

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017176.D
 Acq On : 18 Oct 2018 01:59
 Operator : MJ/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 18 13:02:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	229222	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	976711	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	571527	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1310442	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1500124	20.00	ng	0.00
87) Perylene-d12	23.47	264	1541046	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1072574	79.14	ng	0.00
7) Phenol-d6	6.85	99	1455930	78.88	ng	0.00
23) Nitrobenzene-d5	8.83	82	1440204	86.24	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	642133	83.08	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3436307	80.00	ng	0.00
79) Terphenyl-d14	19.70	244	5462954	82.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	256911	37.123	ng	# 86
3) Pyridine	3.65	79	632622	39.728	ng	# 86
4) n-Nitrosodimethylamine	3.56	42	252712	39.533	ng	# 70
6) Aniline	7.01	93	900222	38.992	ng	97
8) 2-Chlorophenol	7.24	128	626791	39.977	ng	97
9) Benzaldehyde	6.83	77	430489	36.578	ng	96
10) Phenol	6.88	94	767947	38.658	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	611934	38.642	ng	97
12) 1,3-Dichlorobenzene	7.56	146	712077	38.960	ng	98
13) 1,4-Dichlorobenzene	7.70	146	730501	39.120	ng	98
14) 1,2-Dichlorobenzene	8.02	146	700681	38.945	ng	98
15) Benzyl Alcohol	7.92	79	568736	42.154	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	802203	36.259	ng	100
17) 2-Methylphenol	8.12	107	506244	39.703	ng	97
18) Hexachloroethane	8.73	117	253811	39.717	ng	96
19) n-Nitroso-di-n-propylamine	8.48	70	493442	40.599	ng	98
20) 3+4-Methylphenols	8.44	107	706743	40.525	ng	97
22) Acetophenone	8.49	105	979831	39.576	ng	# 99
24) Nitrobenzene	8.87	77	733646	41.531	ng	94
25) Isophorone	9.39	82	1137249	41.240	ng	98
26) 2-Nitrophenol	9.57	139	329346	40.807	ng	95
27) 2,4-Dimethylphenol	9.63	122	500686	41.061	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	782167	40.298	ng	99
29) 2,4-Dichlorophenol	10.10	162	602245	42.538	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	683276	40.231	ng	97
31) Naphthalene	10.50	128	1891678	39.522	ng	100
32) Benzoic acid	9.77	122	393808	43.284	ng	95
33) 4-Chloroaniline	10.62	127	845040	40.878	ng	97
34) Hexachlorobutadiene	10.78	225	432750	40.213	ng	99
35) Caprolactam	11.41	113	205389	39.807	ng	94
36) 4-Chloro-3-methylphenol	11.75	107	668922	41.916	ng	97
37) 2-Methylnaphthalene	12.12	142	1327276	40.523	ng	98
38) 1-Methylnaphthalene	12.33	142	1303843	40.900	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	803356	39.914	ng	99

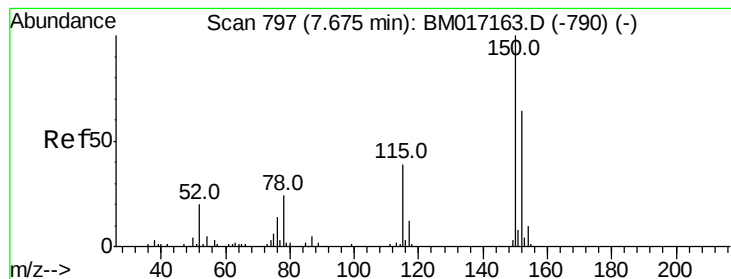
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	447830	46.025	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	505321	43.249	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	539666	43.073	ng	97
46) 1,1'-Biphenyl	13.14	154	2029938	39.469	ng	100
47) 2-Chloronaphthalene	13.18	162	1519373	40.156	ng	98
48) 2-Nitroaniline	13.39	65	434945	41.555	ng	96
49) Acenaphthylene	14.03	152	2268306	41.359	ng	99
50) Dimethylphthalate	13.78	163	1809894	41.047	ng	100
51) 2,6-Dinitrotoluene	13.90	165	405077	41.740	ng	94
52) Acenaphthene	14.38	154	1364447	39.624	ng	99
53) 3-Nitroaniline	14.23	138	429871	40.898	ng	92
54) 2,4-Dinitrophenol	14.43	184	212608	41.729	ng	95
55) Dibenzofuran	14.72	168	2268906	39.622	ng	99
56) 4-Nitrophenol	14.54	139	356868	39.774	ng	92
57) 2,4-Dinitrotoluene	14.69	165	549184	42.103	ng	97
58) Fluorene	15.37	166	1718860	40.553	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.95	232	486479	42.596	ng	97
60) Diethylphthalate	15.15	149	1850020	42.307	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	976159	40.397	ng	96
62) 4-Nitroaniline	15.40	138	461008	40.163	ng	94
63) Azobenzene	15.66	77	1756588	41.329	ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	339091	41.420	ng	93
66) n-Nitrosodiphenylamine	15.58	169	1647236	41.547	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	600984	41.768	ng	97
68) Hexachlorobenzene	16.37	284	670416	40.111	ng	99
69) Atrazine	16.54	200	594077	41.866	ng	99
70) Pentachlorophenol	16.72	266	480133	41.934	ng	98
71) Phenanthrene	17.10	178	2790551	39.469	ng	99
72) Anthracene	17.20	178	2781753	41.407	ng	100
73) Carbazole	17.47	167	2835598	41.320	ng	99
74) Di-n-butylphthalate	18.04	149	3084473	42.615	ng	99
75) Fluoranthene	19.13	202	3282223	41.255	ng	100
77) Benzidine	19.32	184	1726610	45.392	ng	99
78) Pyrene	19.49	202	3473778	41.432	ng	100
80) Butylbenzylphthalate	20.40	149	1375565	43.845	ng	97
81) Benzo(a)anthracene	21.24	228	3412216	40.420	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	1340517	42.606	ng	98
83) Chrysene	21.29	228	3338300	39.952	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	2056432	42.777	ng	99
85) Di-n-octyl phthalate	22.06	149	3370341	41.596	ng	100
86) Indeno(1,2,3-cd)pyrene	25.69	276	3771701	40.358	ng	99
88) Benzo(b)fluoranthene	22.81	252	3310914	39.297	ng	100
89) Benzo(k)fluoranthene	22.85	252	3448227	40.787	ng	99
90) Benzo(a)pyrene	23.37	252	3212427	40.157	ng	99
91) Dibenzo(a,h)anthracene	25.70	278	3189064	40.147	ng	98
92) Benzo(g,h,i)perylene	26.36	276	3126854	39.717	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

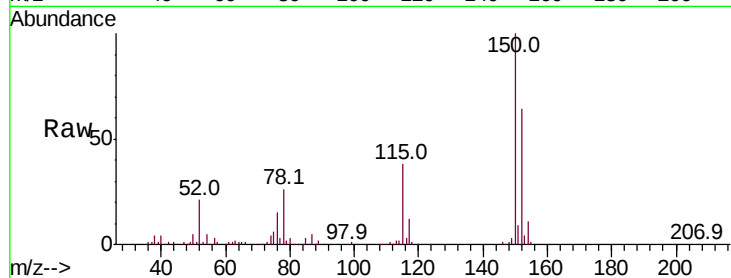


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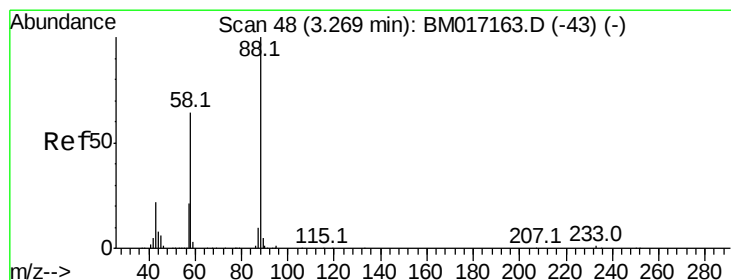
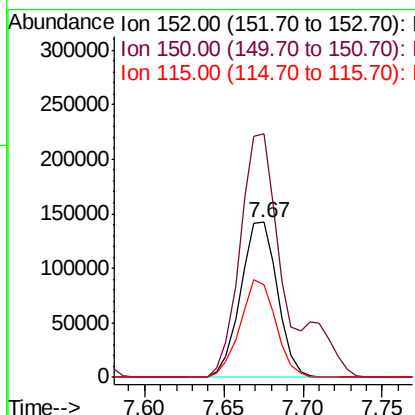
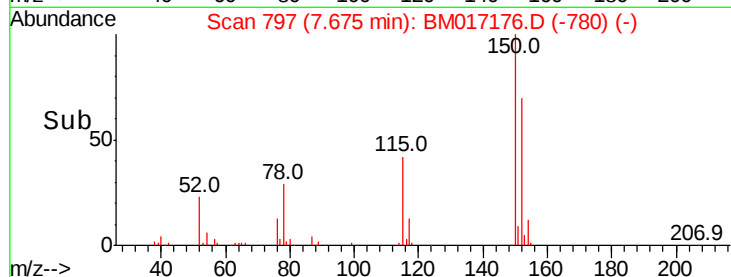
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. 0.00 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 229222
Ion Ratio Lower Upper
152 100
150 157.0 124.3 186.5
115 60.0 48.1 72.1



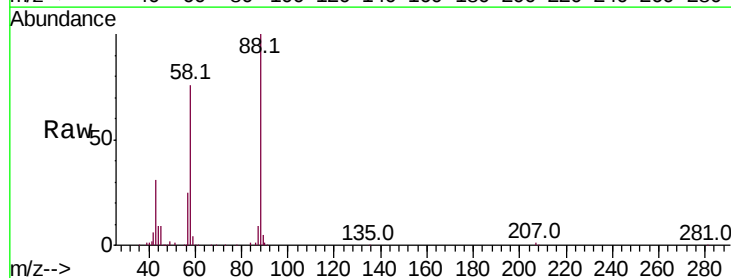
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



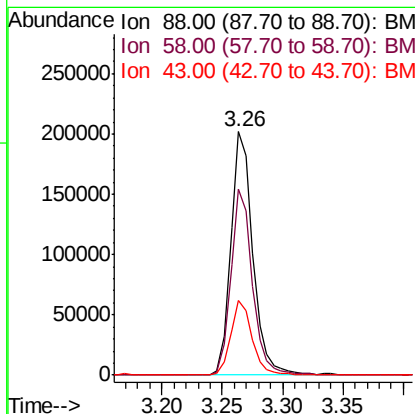
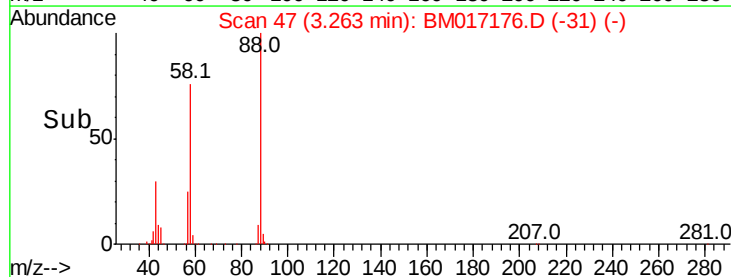
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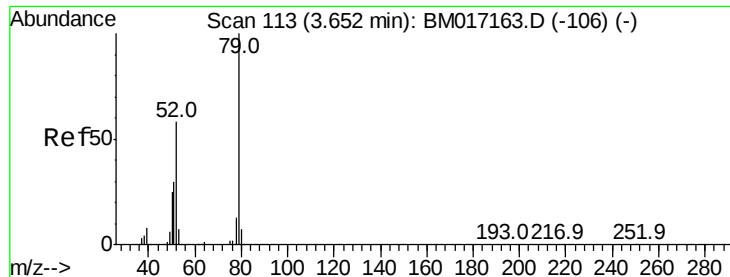
1,4-Dioxane
Concen: 37.123 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion: 88 Resp: 256911
Ion Ratio Lower Upper
88 100
58 74.7 50.2 75.4
43 30.1 19.3 28.9#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvrirdine

Concen: 39.728 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

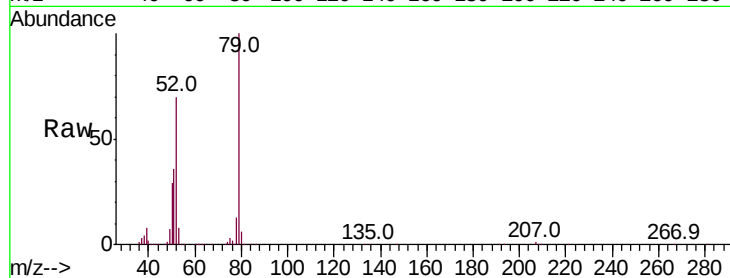
Tot Ion: 79 Resp: 632622

Ion Ratio Lower Upper

79 100

52 69.9 46.5 69.7#

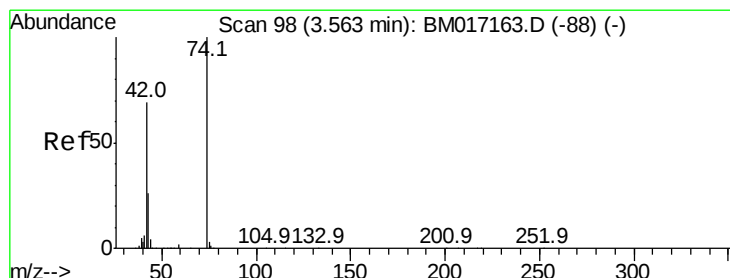
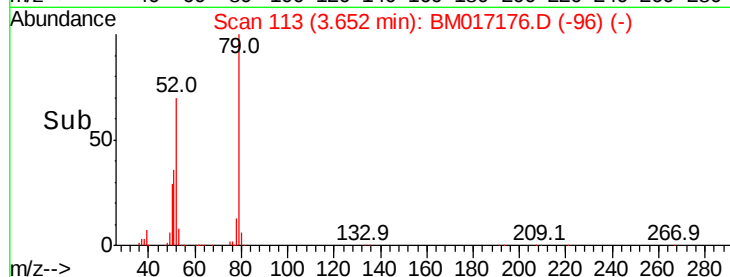
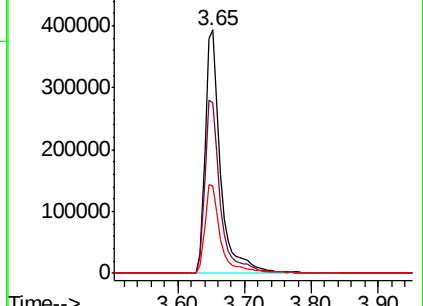
51 36.2 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 39.533 ng

RT: 3.56 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

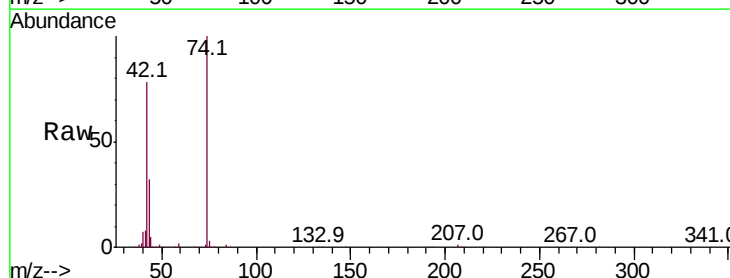
Tgt Ion: 42 Resp: 252712

Ion Ratio Lower Upper

42 100

74 128.1 114.4 171.6

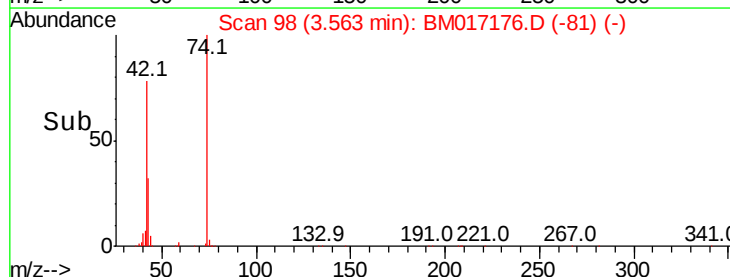
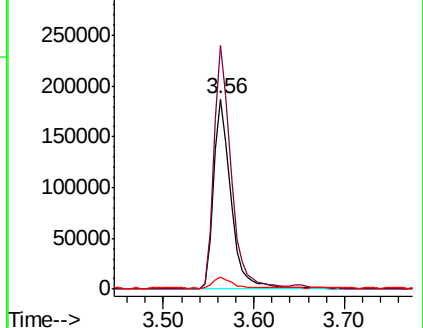
44 6.5 48.6 73.0#

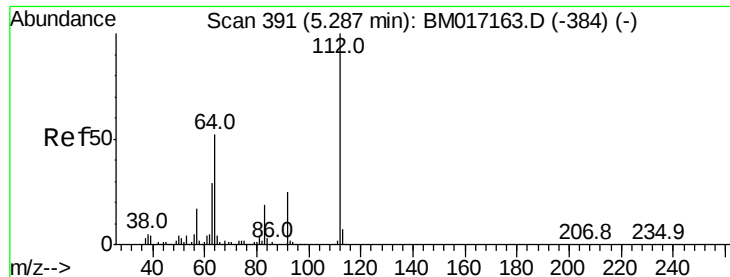


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 79.141 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

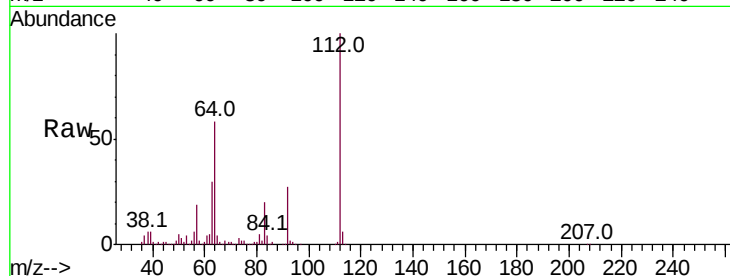
Tot Ion:112 Resp: 1072574

Ion Ratio Lower Upper

112 100

64 57.7 41.7 62.5

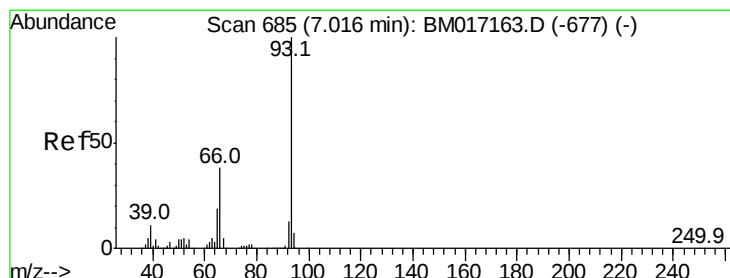
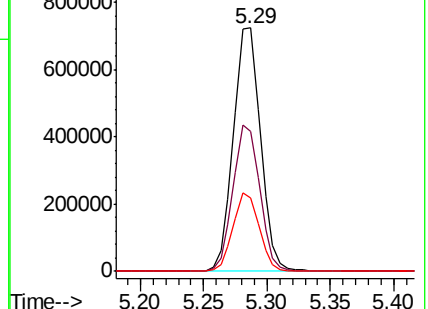
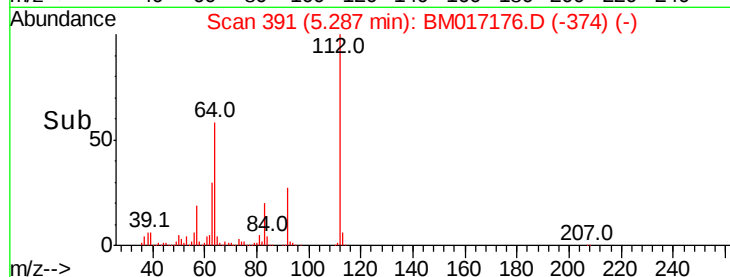
63 30.2 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.992 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

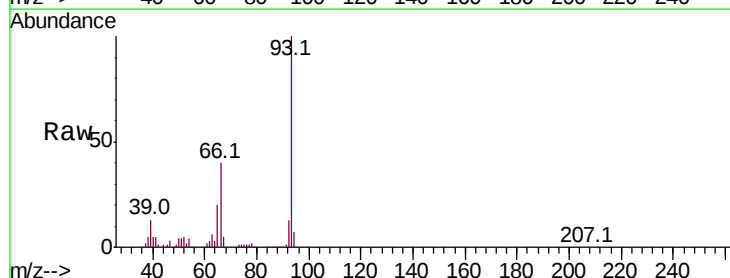
Tgt Ion: 93 Resp: 900222

Ion Ratio Lower Upper

93 100

66 39.8 30.4 45.6

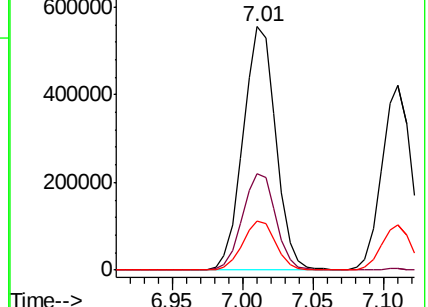
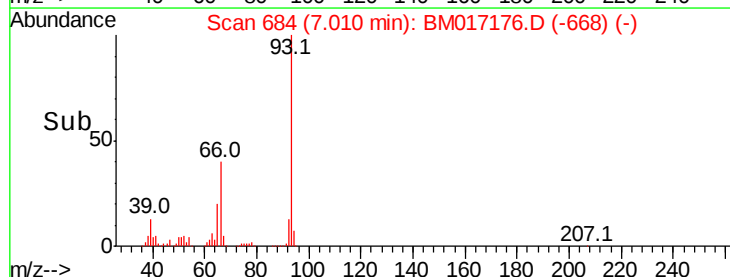
65 20.2 15.3 22.9

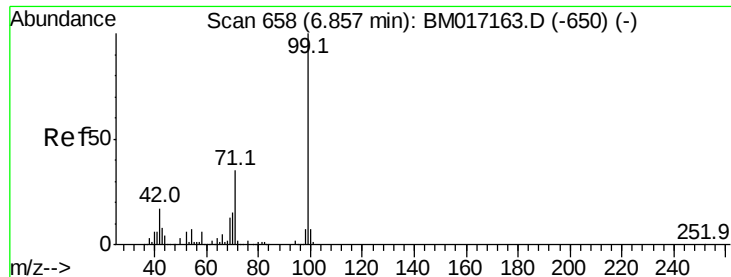


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 78.878 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

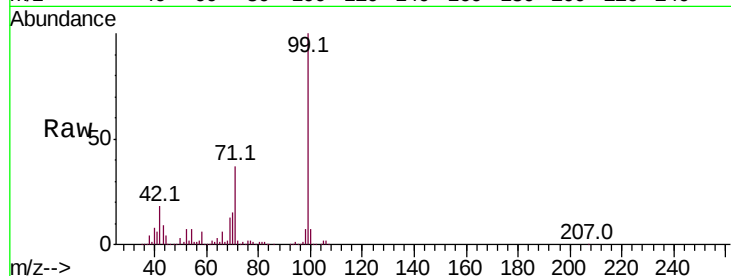
BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1455930

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.3	19.9
71	36.6	28.0	42.0

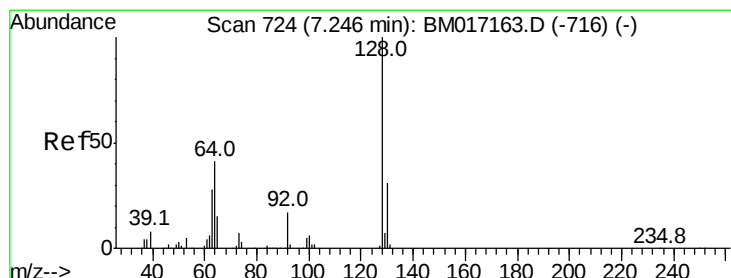
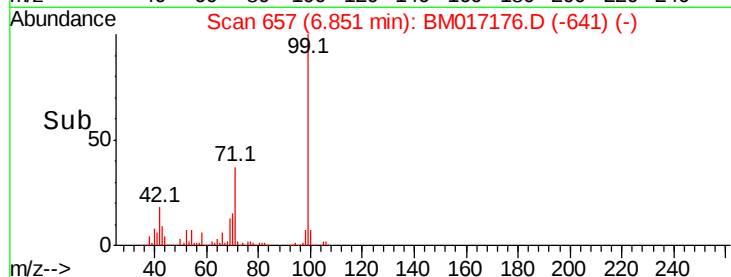
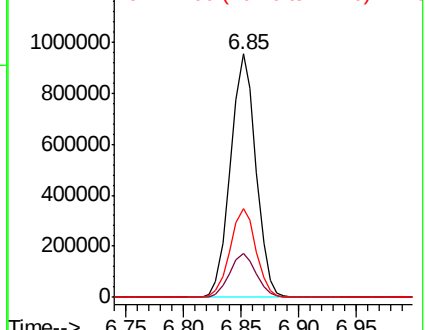


Abundance

Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 39.977 ng

RT: 7.24 min Scan# 723

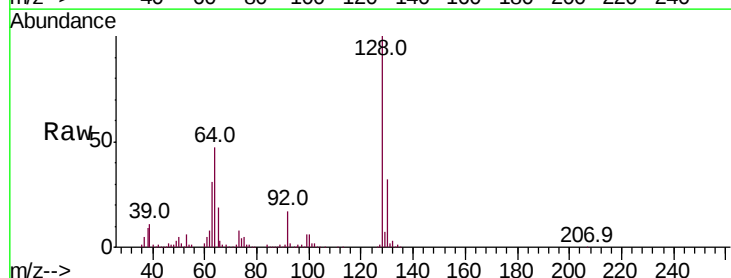
Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Tgt Ion: 128 Resp: 626791

Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.0	51.0
64	47.0	24.1	64.1

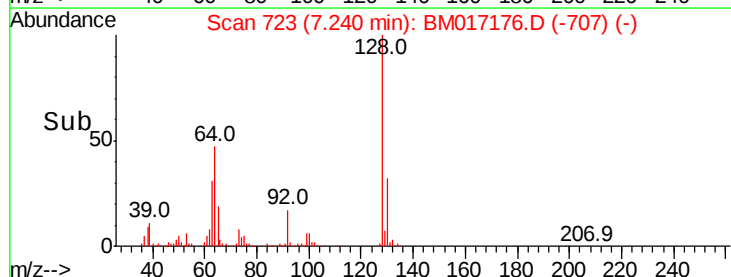
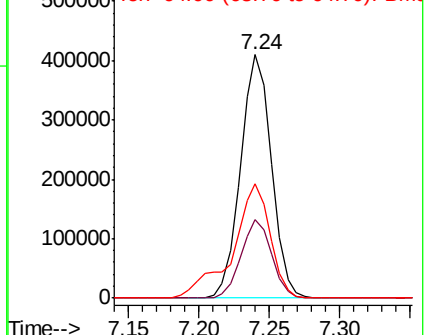


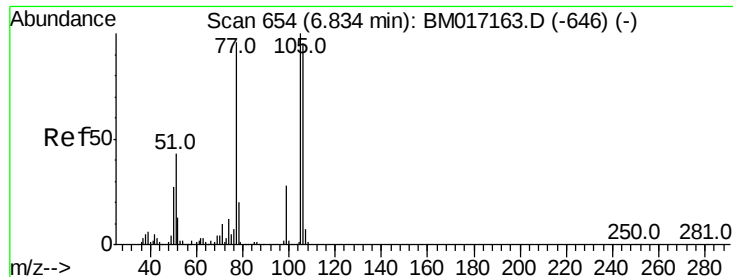
Abundance

Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 36.578 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

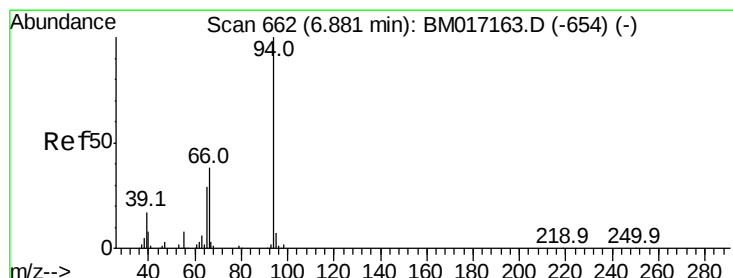
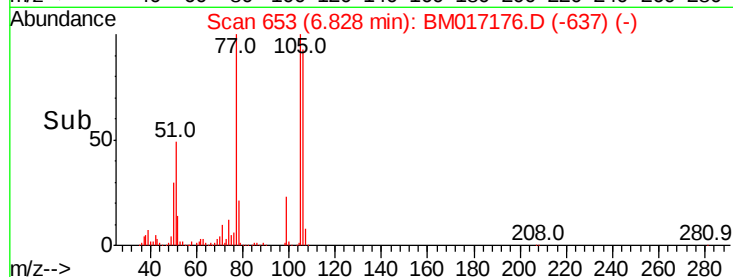
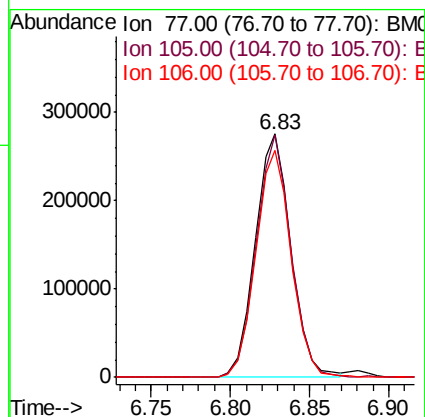
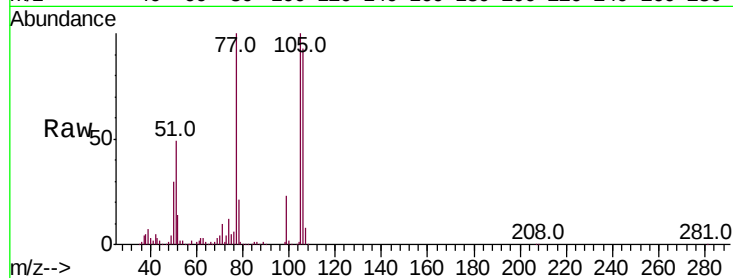
Tot Ion: 77 Resp: 430489

Ion Ratio Lower Upper

77 100

105 99.8 83.9 123.9

106 93.5 78.2 118.2



#10

Phenol

Concen: 38.658 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

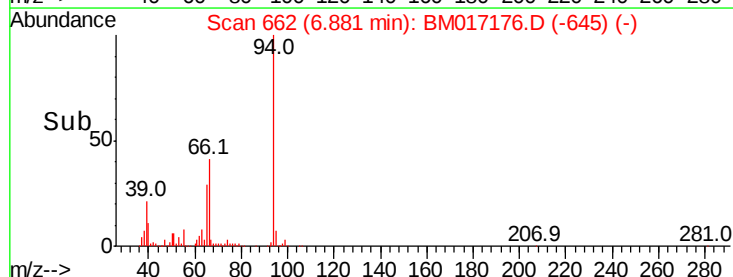
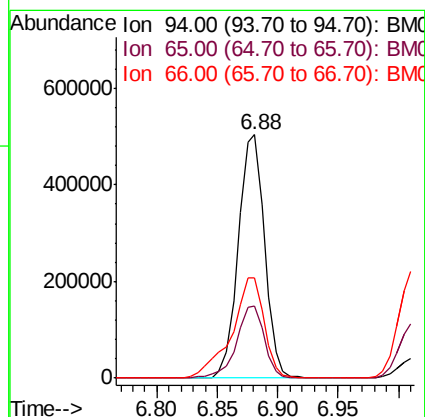
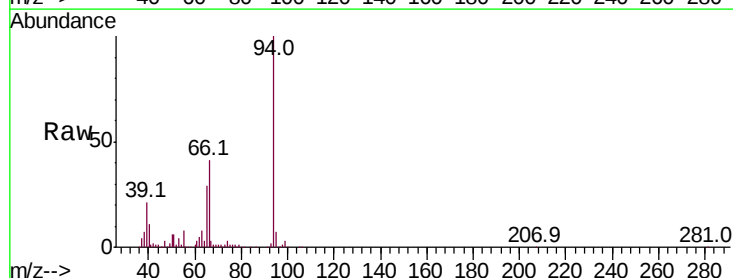
Tgt Ion: 94 Resp: 767947

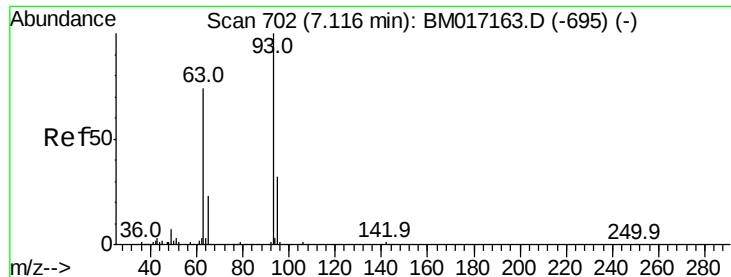
Ion Ratio Lower Upper

94 100

65 29.4 9.4 49.4

66 41.1 19.0 59.0

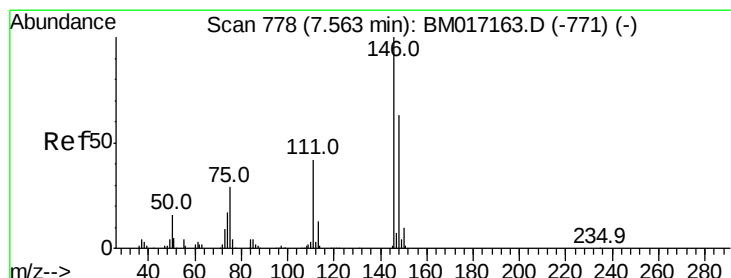
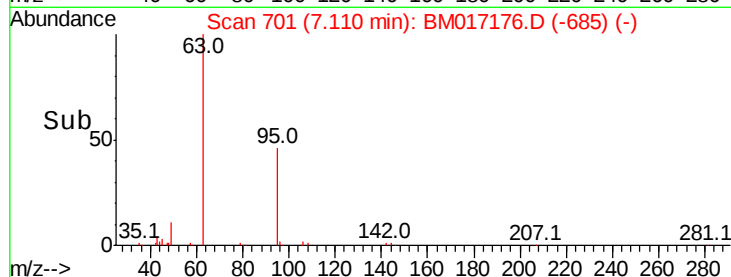
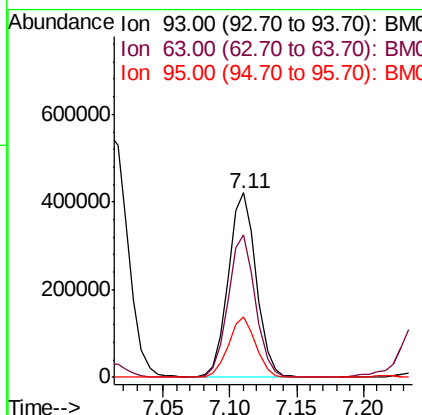
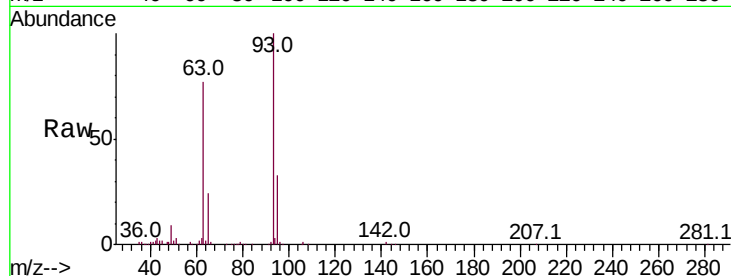




#11
bis(2-Chloroethyl)ether
Concen: 38.642 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

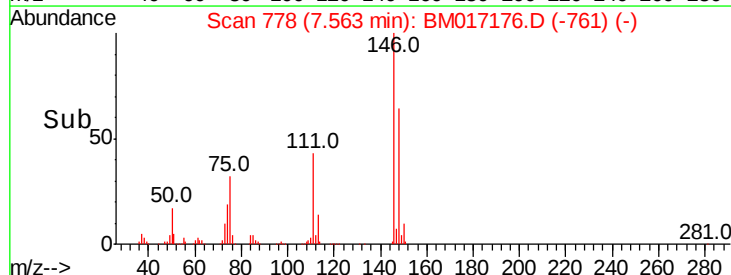
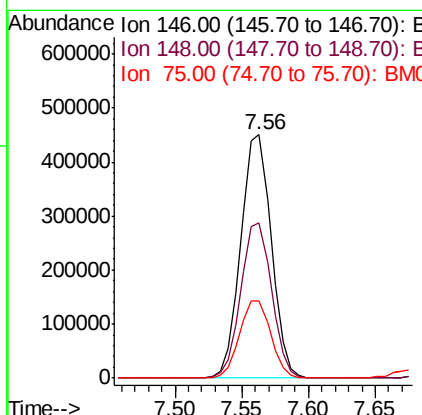
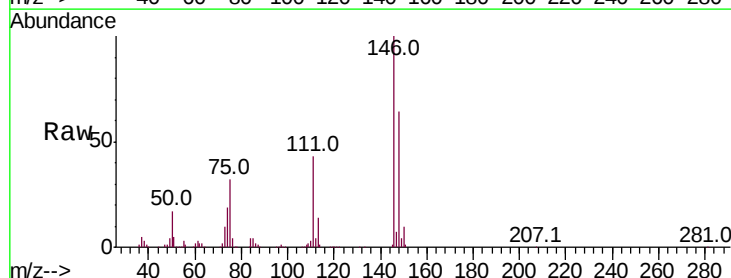
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

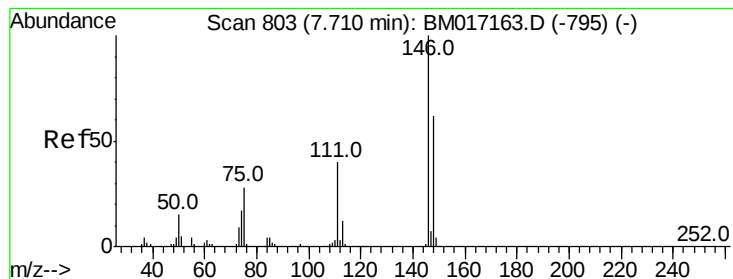
Tot Ion: 93 Resp: 611934
Ion Ratio Lower Upper
93 100
63 77.3 54.0 94.0
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.960 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion: 146 Resp: 712077
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.4
75 31.5 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 39.120 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

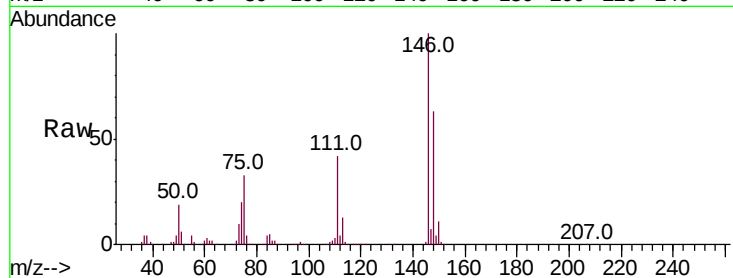
Tot Ion:146 Resp: 730501

Ion Ratio Lower Upper

146 100

148 62.8 49.8 74.6

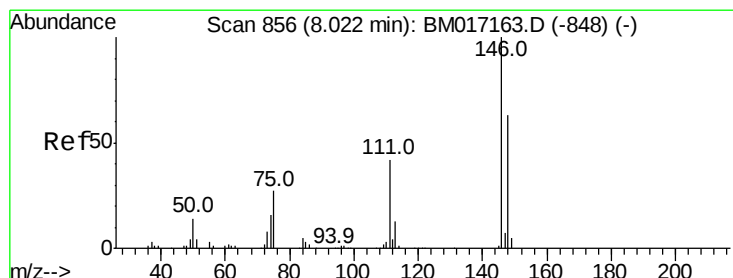
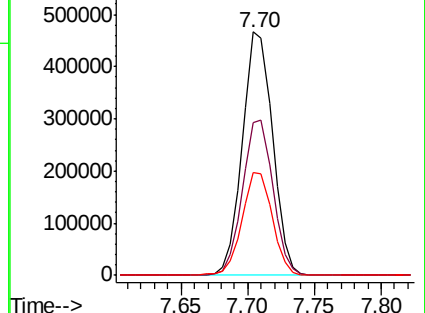
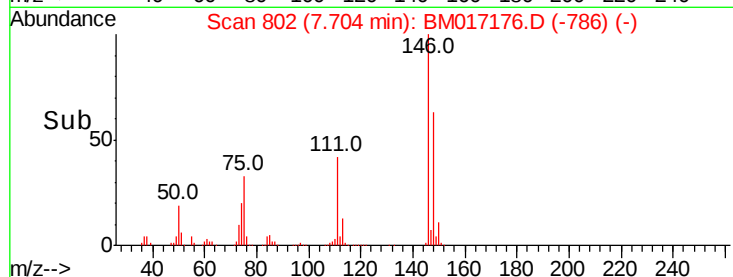
111 42.4 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.945 ng

RT: 8.02 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

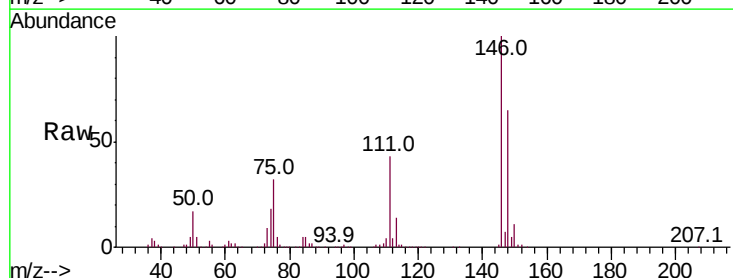
Tgt Ion:146 Resp: 700681

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

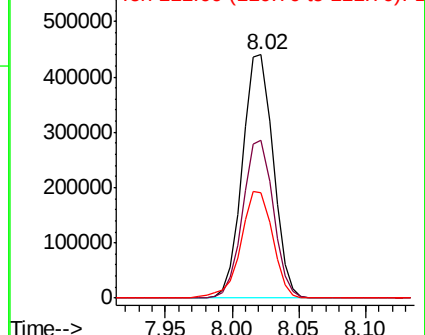
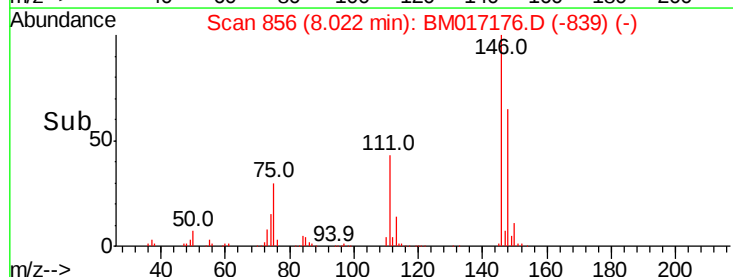
111 43.3 33.8 50.6

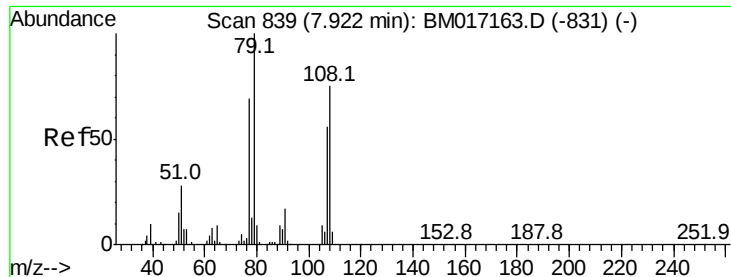


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.154 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

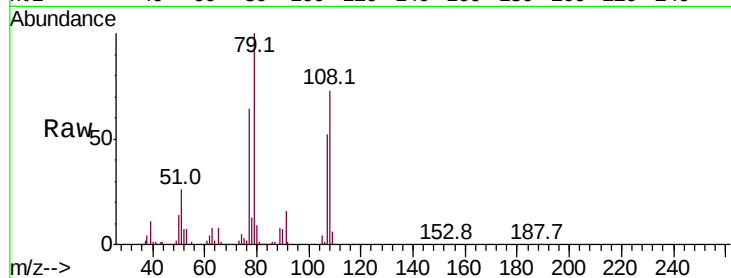
Tot Ion: 79 Resp: 568736

Ion Ratio Lower Upper

79 100

108 73.2 60.3 90.5

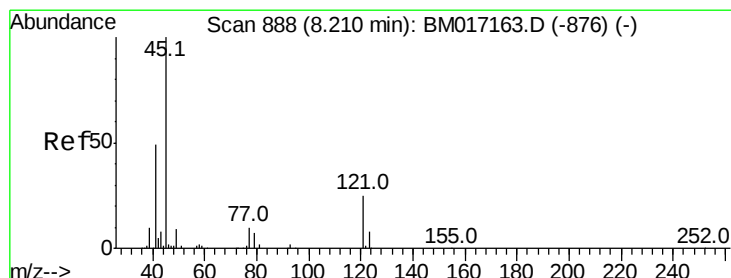
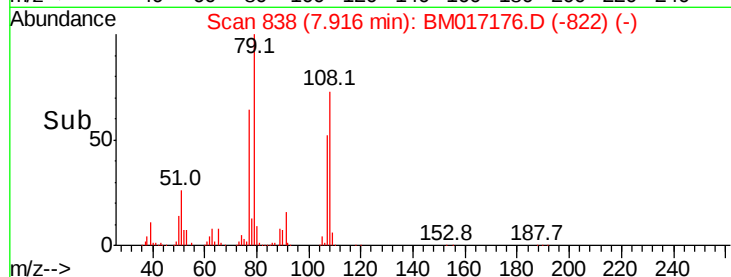
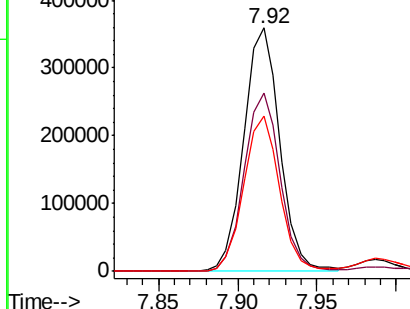
77 64.0 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.259 ng

RT: 8.20 min Scan# 887

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

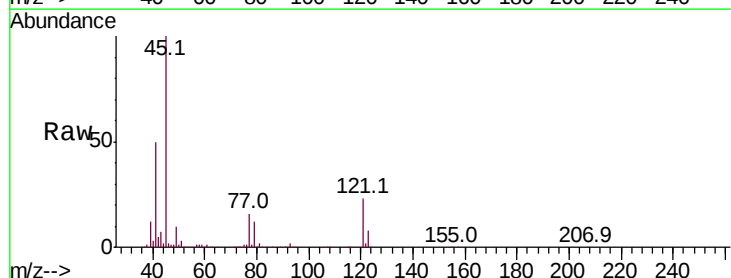
Tgt Ion: 45 Resp: 802203

Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.5

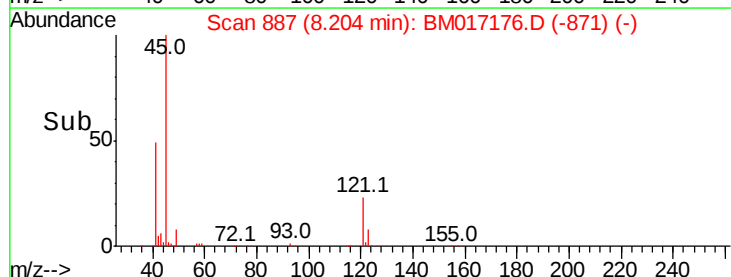
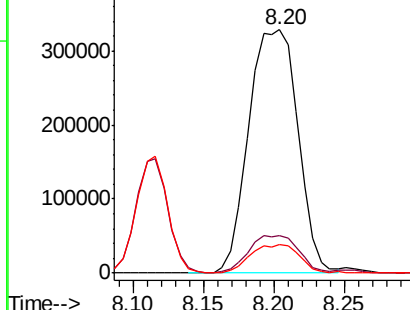
79 11.8 0.0 32.1

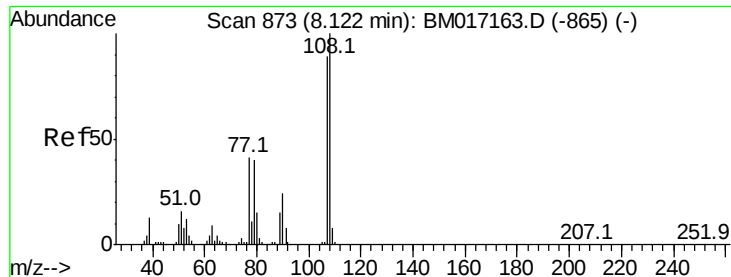


Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017163.D (-876) (-)





#17

2-Methylphenol

Concen: 39.703 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 506244

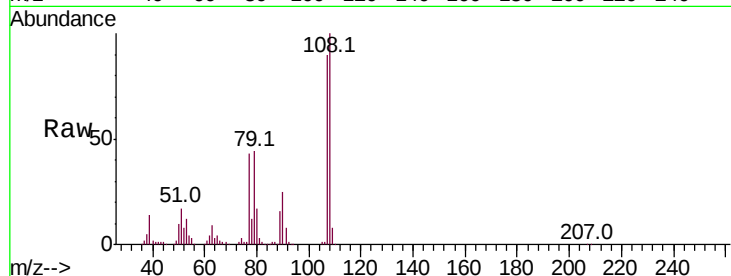
Ion Ratio Lower Upper

107 100

108 111.4 90.3 135.5

77 48.1 37.0 55.4

79 49.0 35.8 53.6

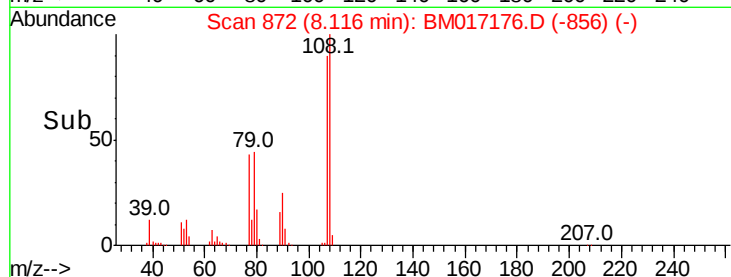


Abundance Ion 107.00 (106.70 to 107.70): E

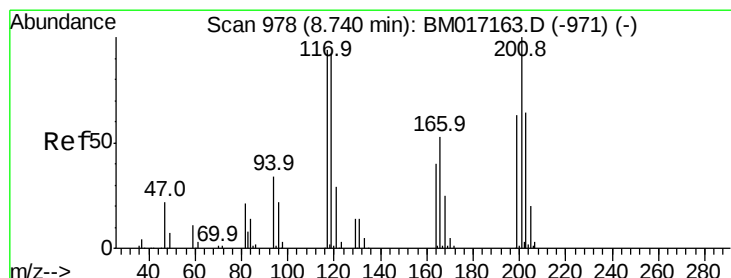
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



Time-->



#18

Hexachloroethane

Concen: 39.717 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

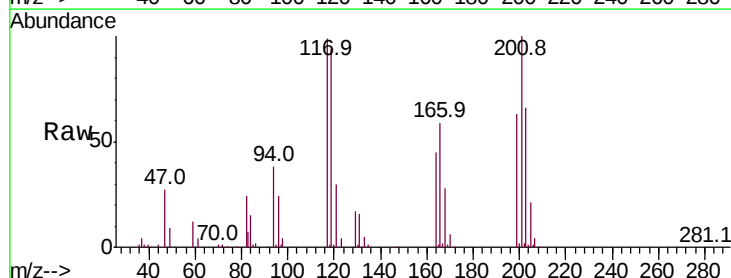
Tgt Ion:117 Resp: 253811

Ion Ratio Lower Upper

117 100

119 95.3 78.2 117.2

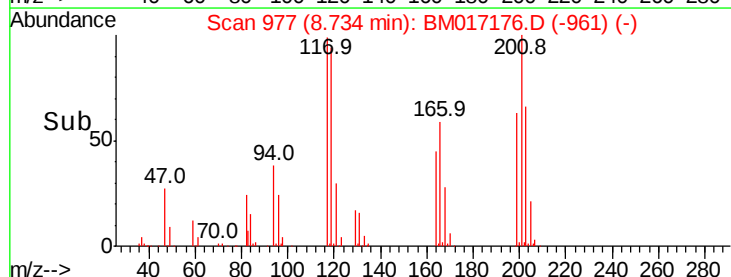
201 101.2 85.3 127.9



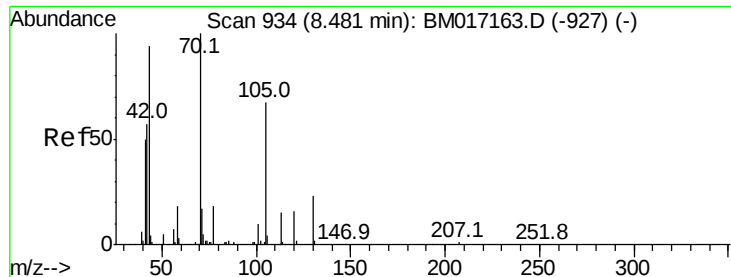
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



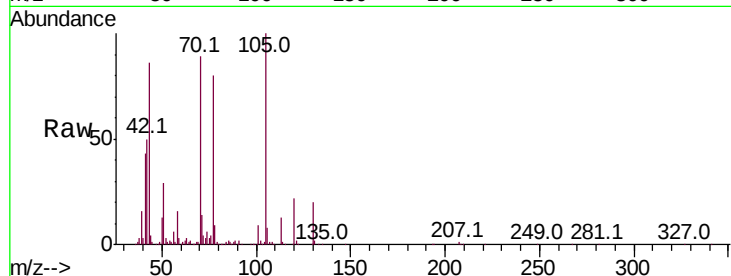
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 40.599 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:	70	Resp:	493442
Ion	Ratio	Lower	Upper
70	100		
42	56.2	46.1	69.1
101	10.1	8.2	12.4
130	22.0	18.4	27.6



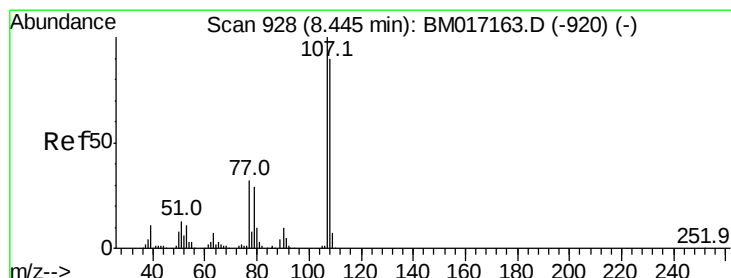
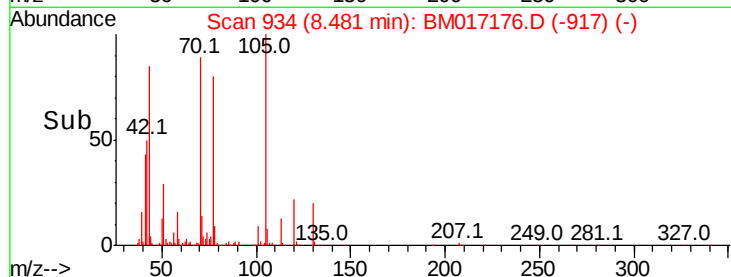
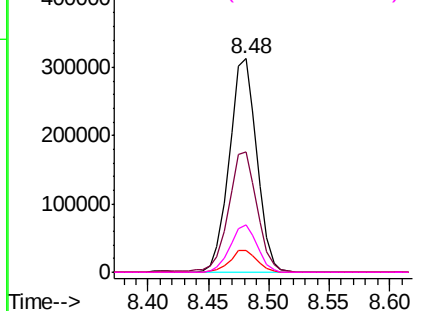
Abundance

Ion 70.00 (69.70 to 70.70): BM017176.D (-917) (-)

Ion 42.00 (41.70 to 42.70): BM017176.D (-917) (-)

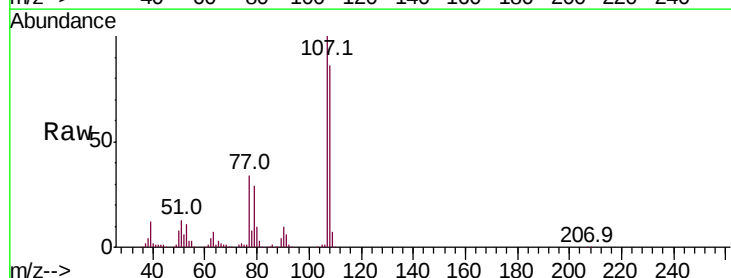
Ion 101.00 (100.70 to 101.70): BM017176.D (-917) (-)

Ion 130.00 (129.70 to 130.70): BM017176.D (-917) (-)



#20
3+4-Methylphenols
Concen: 40.525 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion:	107	Resp:	706743
Ion	Ratio	Lower	Upper
107	100		
108	85.9	69.9	109.9
77	34.1	12.2	52.2
79	28.5	9.0	49.0



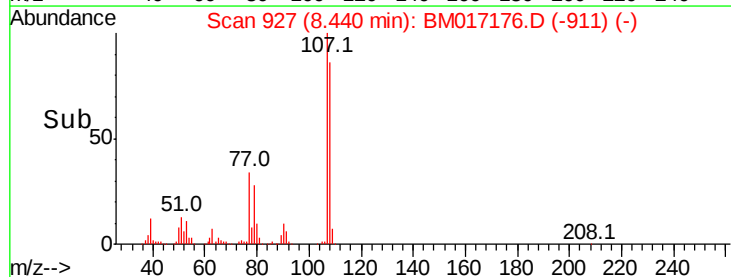
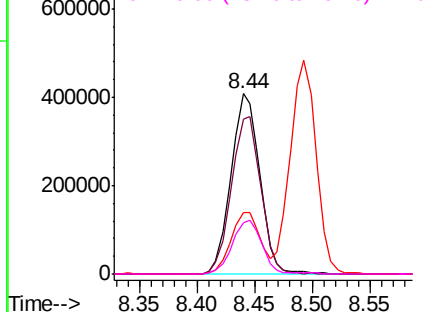
Abundance

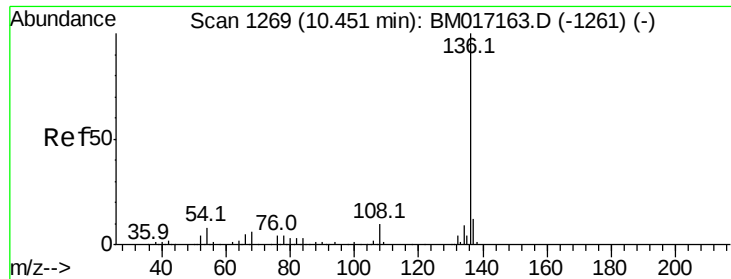
Ion 107.00 (106.70 to 107.70): BM017176.D (-911) (-)

Ion 108.00 (107.70 to 108.70): BM017176.D (-911) (-)

Ion 77.00 (76.70 to 77.70): BM017176.D (-911) (-)

Ion 79.00 (78.70 to 79.70): BM017176.D (-911) (-)

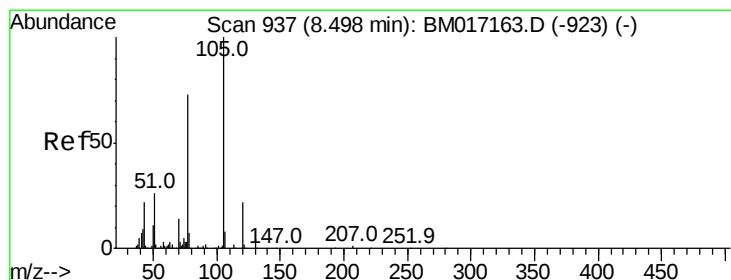
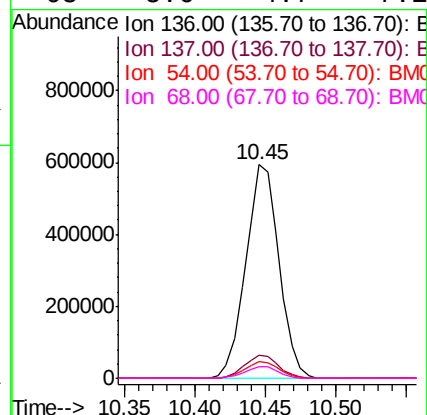
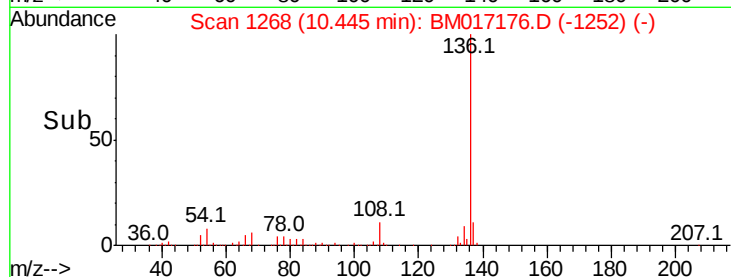
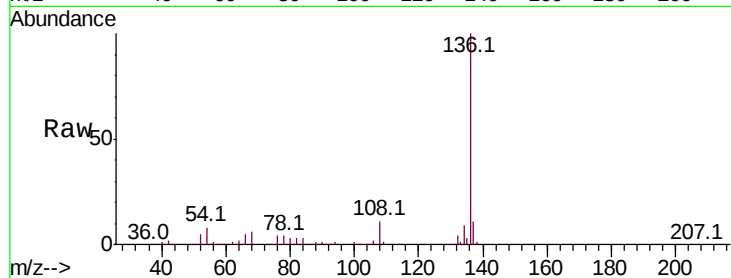




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

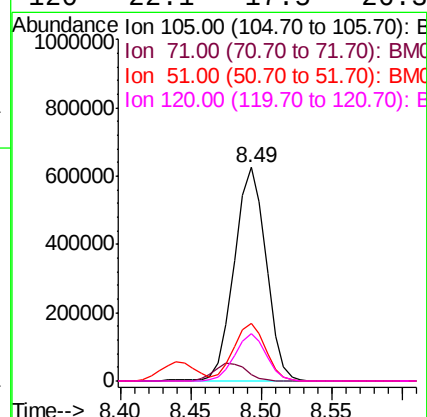
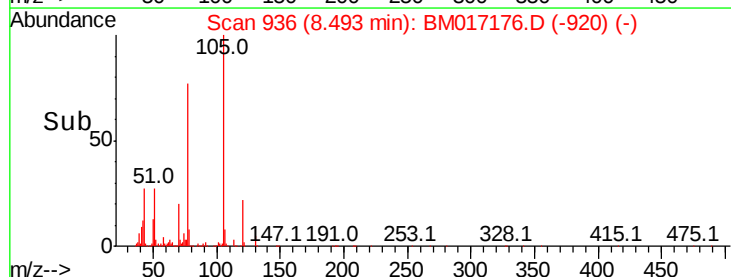
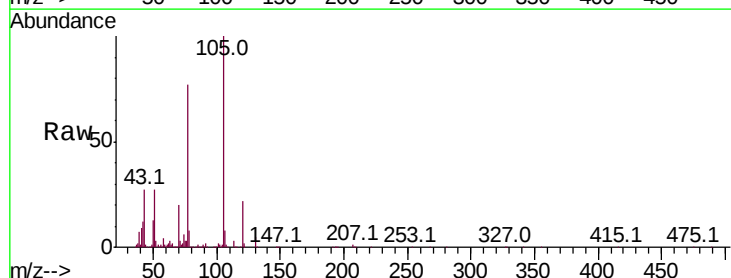
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

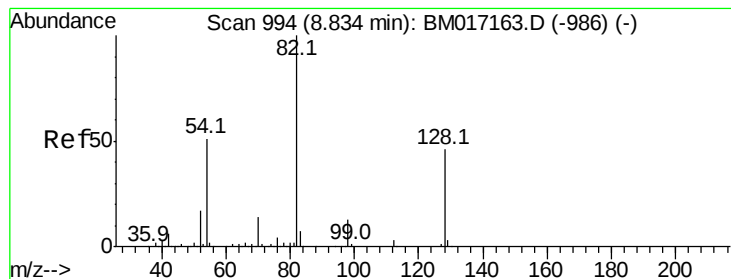
Tot Ion:136	Resp:	976711
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.2	13.8
54 7.7	6.7	10.1
68 5.6	4.7	7.1



#22
Acetophenone
Concen: 39.576 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt	Ion:105	Resp:	979831
Ion	Ratio	Lower	Upper
105	100		
71	3.3	2.0	3.0#
51	26.8	20.6	31.0
120	22.1	17.5	26.3





#23

Nitrobenzene-d5

Concen: 86.240 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

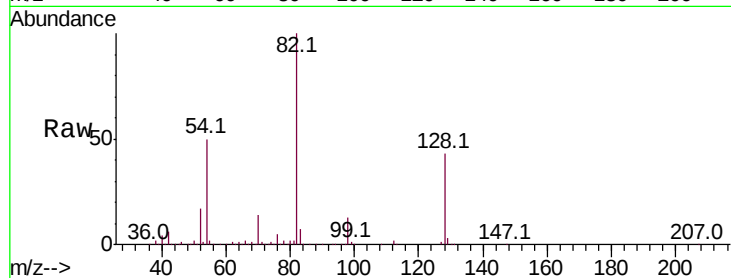
Tot Ion: 82 Resp: 1440204

Ion Ratio Lower Upper

82 100

128 42.5 37.0 55.6

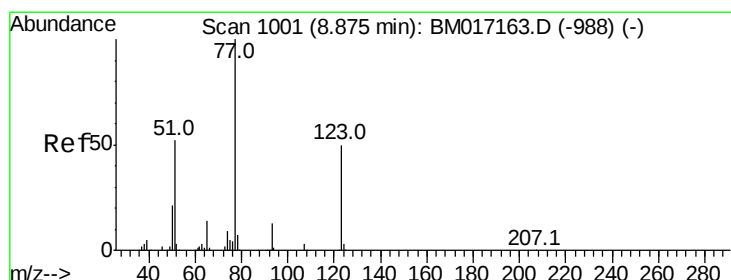
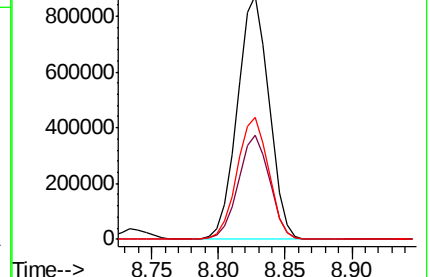
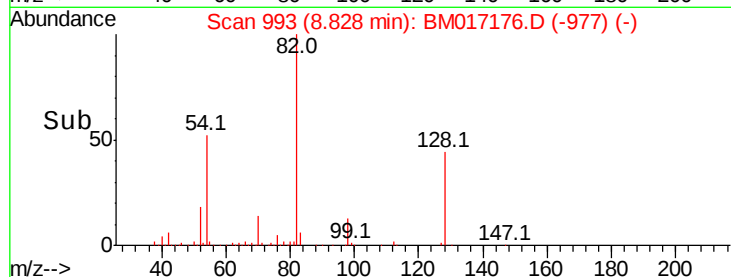
54 50.2 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM017176.D (-977) (-)

Ion 128.00 (127.70 to 128.70): BM017176.D (-977) (-)

Ion 54.00 (53.70 to 54.70): BM017176.D (-977) (-)



#24

Nitrobenzene

Concen: 41.531 ng

RT: 8.87 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

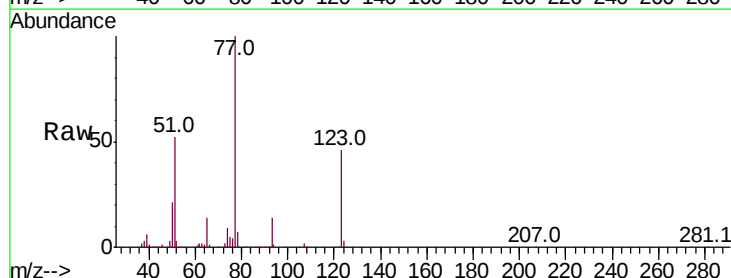
Tgt Ion: 77 Resp: 733646

Ion Ratio Lower Upper

77 100

123 45.5 40.2 60.4

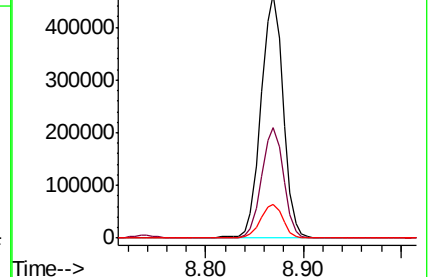
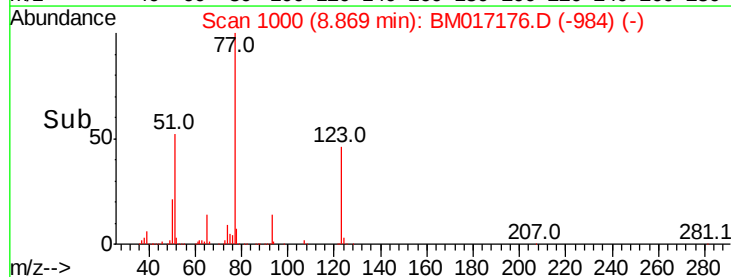
65 13.6 11.4 17.0

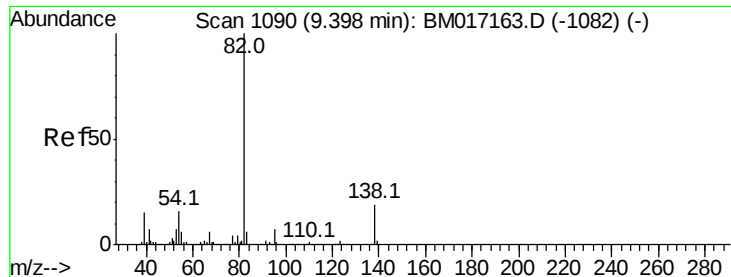


Abundance Ion 77.00 (76.70 to 77.70): BM017176.D (-984) (-)

Ion 123.00 (122.70 to 123.70): BM017176.D (-984) (-)

Ion 65.00 (64.70 to 65.70): BM017176.D (-984) (-)





#25

Isophorone

Concen: 41.240 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

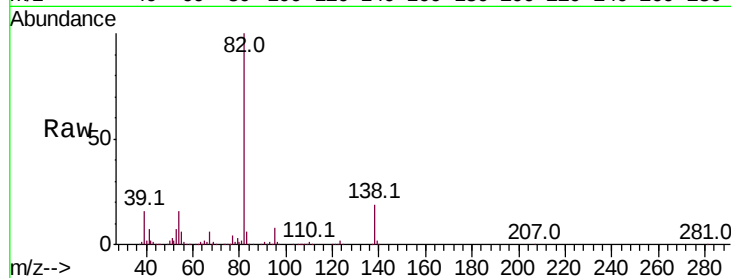
Tot Ion: 82 Resp: 1137249

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

138 18.5 15.4 23.2

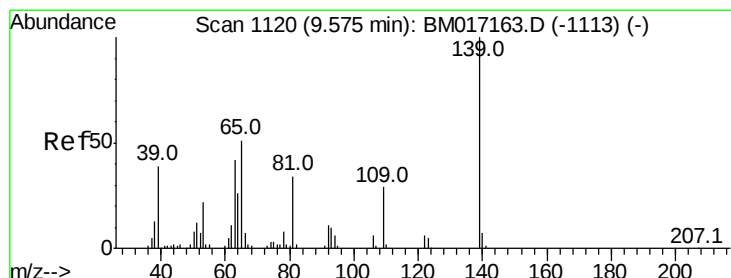
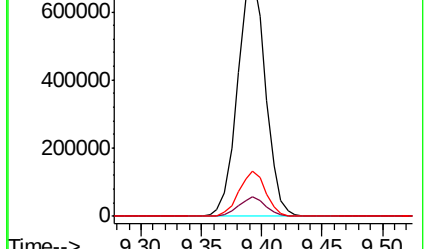
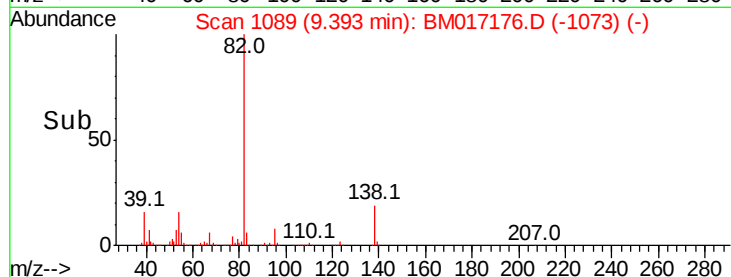


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)

Time-->



#26

2-Nitrophenol

Concen: 40.807 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

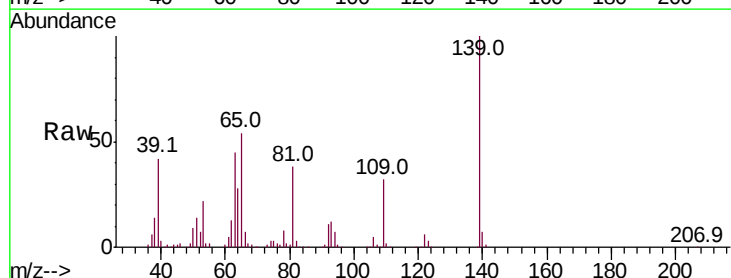
Tgt Ion: 139 Resp: 329346

Ion Ratio Lower Upper

139 100

109 32.3 23.2 34.8

65 54.1 40.6 61.0

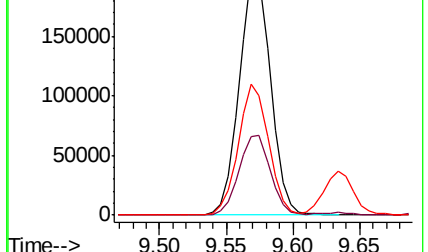
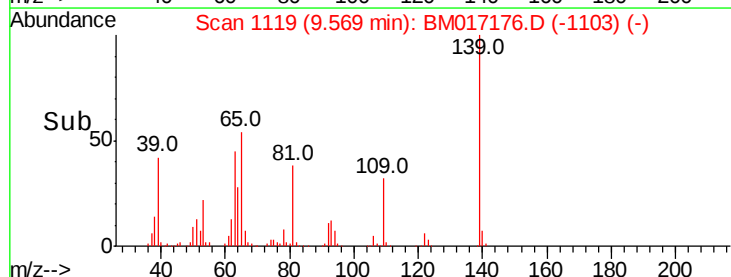


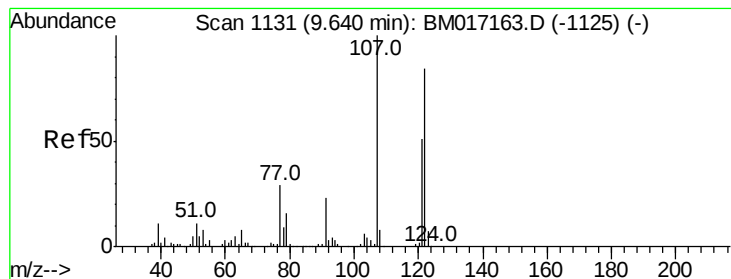
Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

Ion 109.00 (108.70 to 109.70): BM017163.D (-1113) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-1113) (-)

Time-->





#27

2,4-Dimethylphenol

Concen: 41.061 ng

RT: 9.63 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

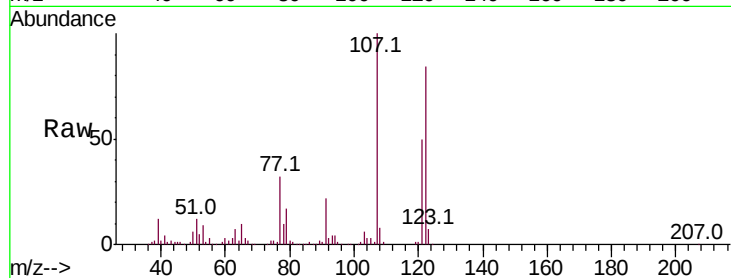
Tot Ion:122 Resp: 500686

Ion Ratio Lower Upper

122 100

107 118.8 95.0 142.6

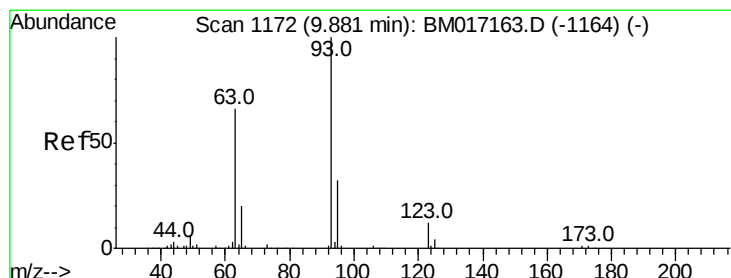
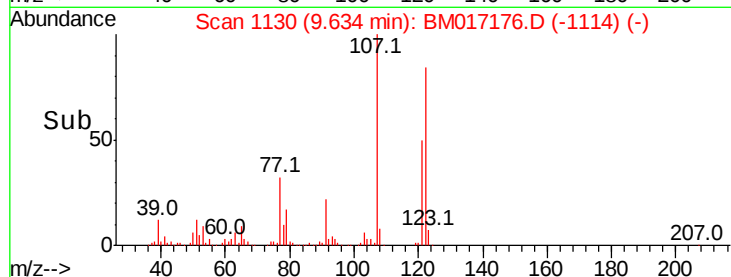
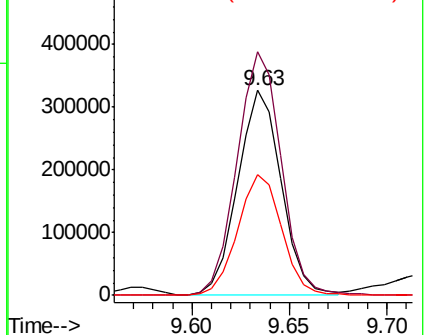
121 59.1 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.298 ng

RT: 9.87 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

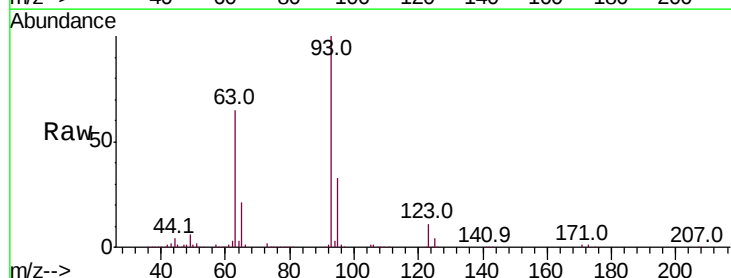
Tgt Ion: 93 Resp: 782167

Ion Ratio Lower Upper

93 100

95 32.9 25.7 38.5

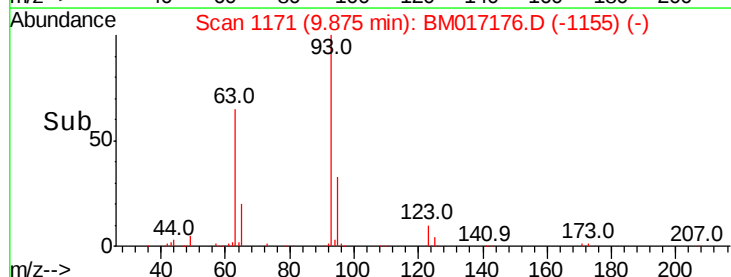
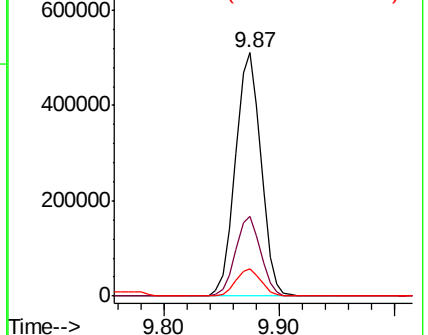
123 11.4 9.4 14.0

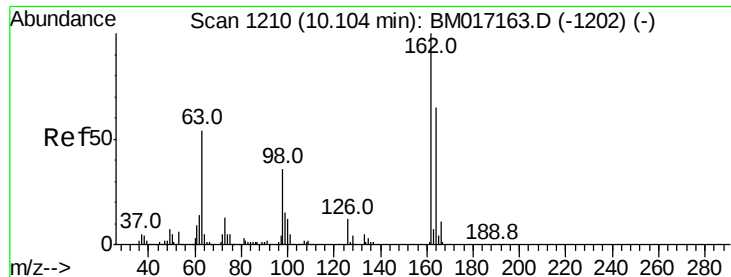


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

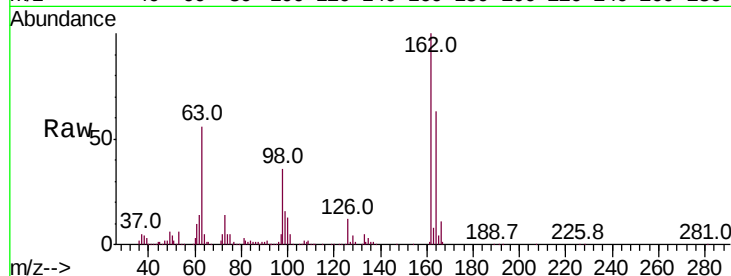




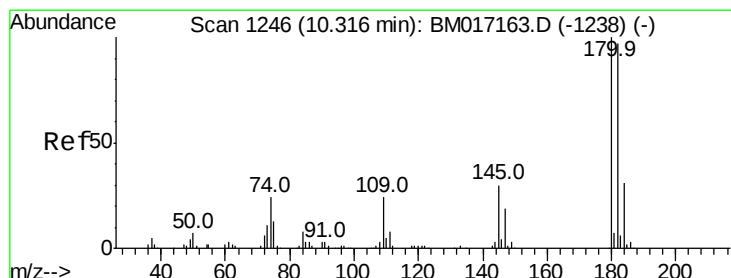
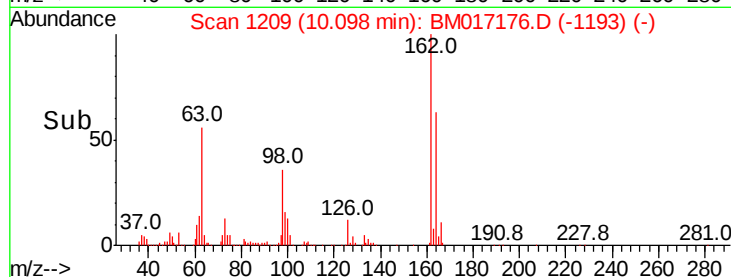
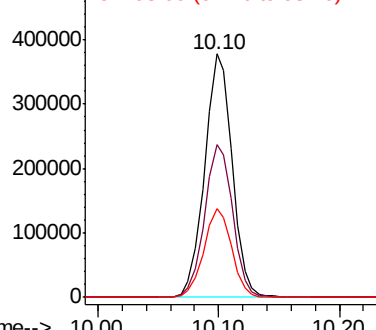
#29
2,4-Dichlorophenol
Concen: 42.538 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:162 Resp: 602245
Ion Ratio Lower Upper
162 100
164 62.7 44.9 84.9
98 36.3 15.8 55.8

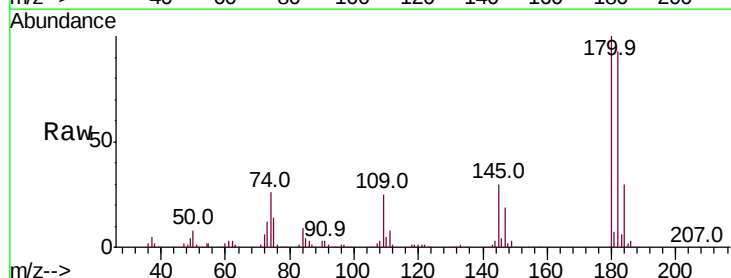


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

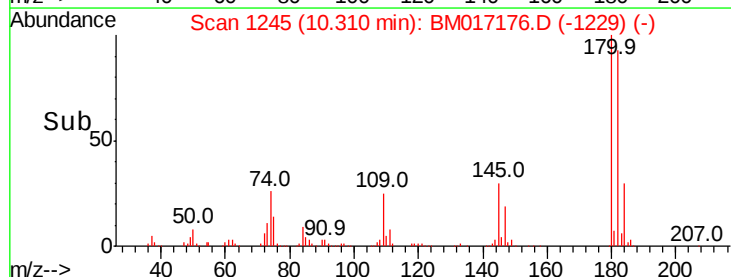
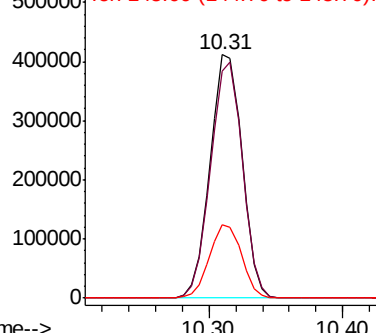


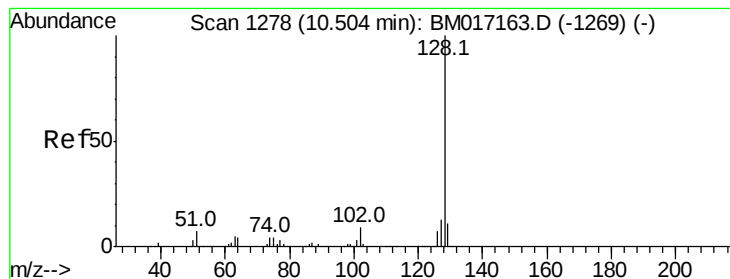
#30
1,2,4-Trichlorobenzene
Concen: 40.231 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion:180 Resp: 683276
Ion Ratio Lower Upper
180 100
182 93.2 77.5 116.3
145 30.3 24.0 36.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.522 ng

RT: 10.50 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

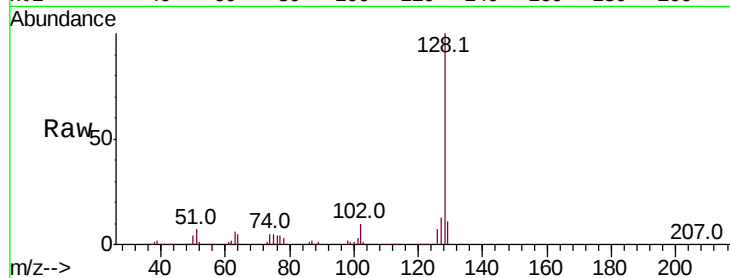
Tot Ion:128 Resp: 1891678

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.0 10.3 15.5

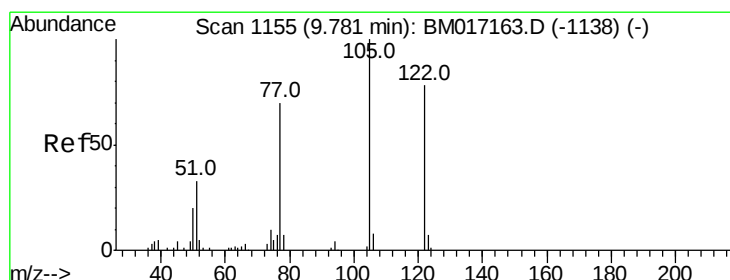
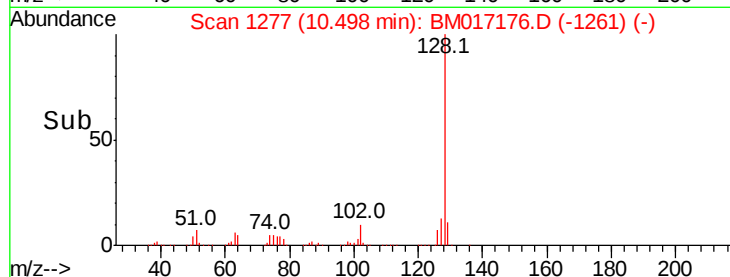
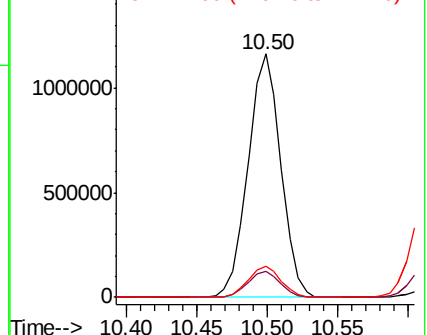


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.284 ng

RT: 9.77 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

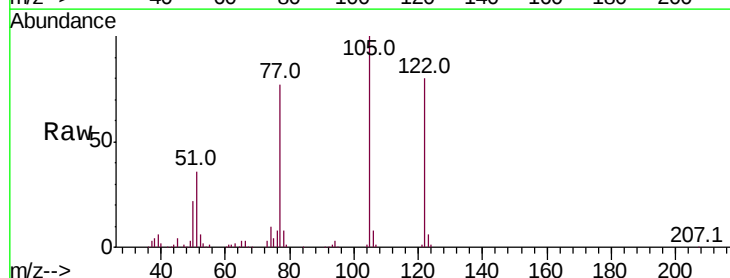
Tgt Ion:122 Resp: 393808

Ion Ratio Lower Upper

122 100

105 125.0 102.0 142.0

77 96.4 67.7 107.7

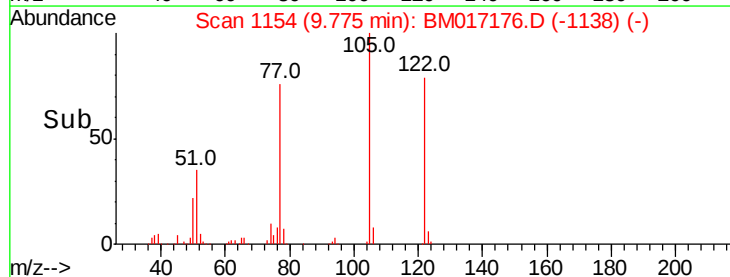
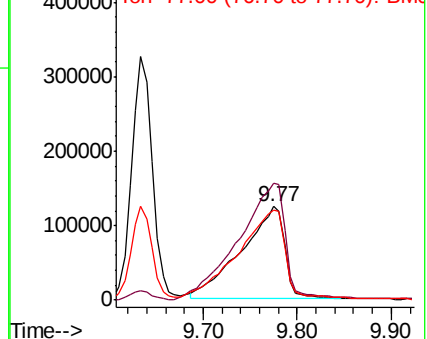


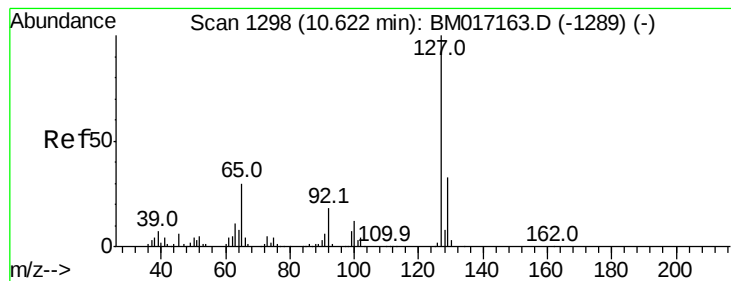
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





#33

4-Chloroaniline

Concen: 40.878 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:127 Resp: 845040

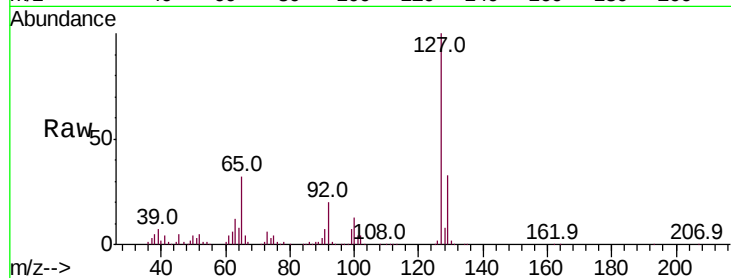
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.4

65 32.1 23.7 35.5

92 19.7 14.3 21.5

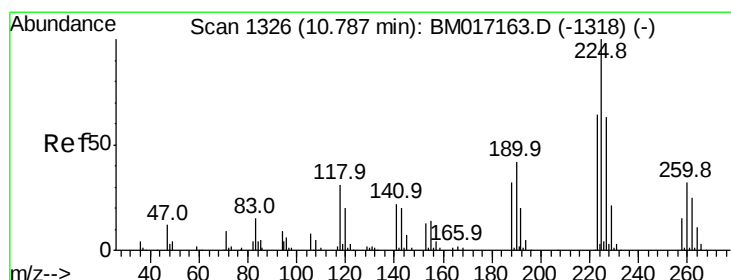
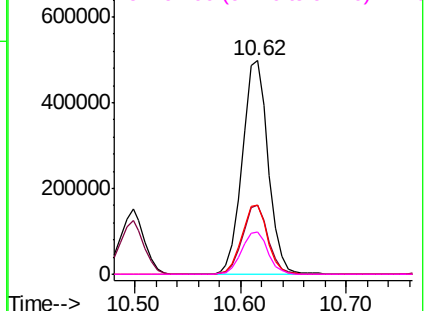
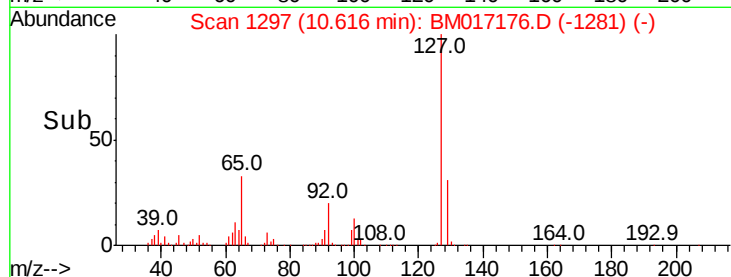


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 40.213 ng

RT: 10.78 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

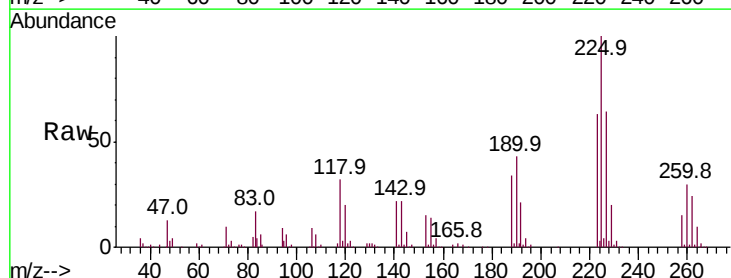
Tgt Ion:225 Resp: 432750

Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.6

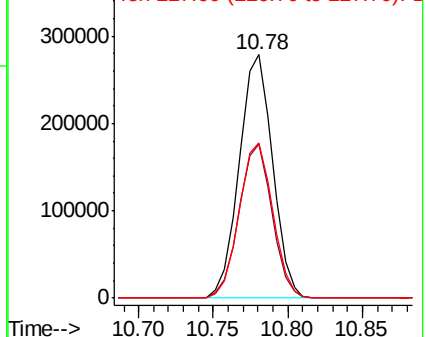
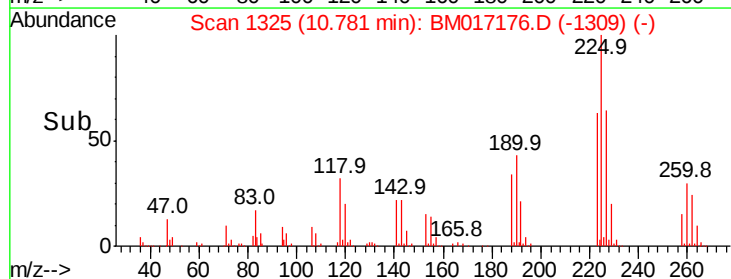
227 63.9 50.8 76.2

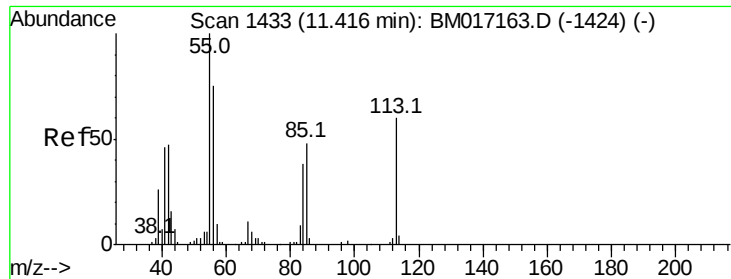


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

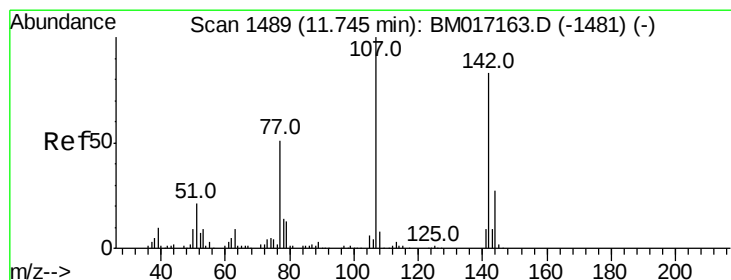
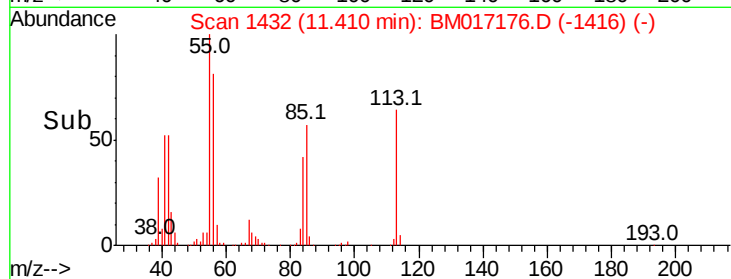
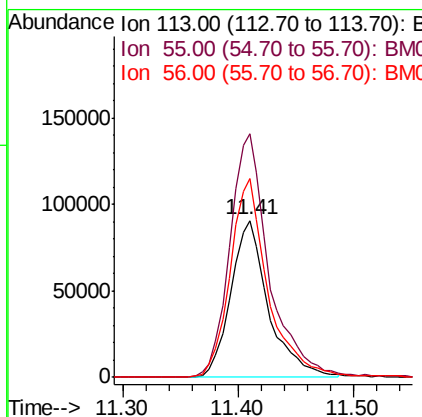
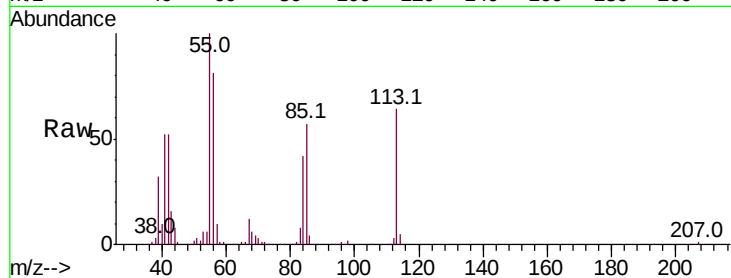




#35
Caprolactam
Concen: 39.807 ng
RT: 11.41 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

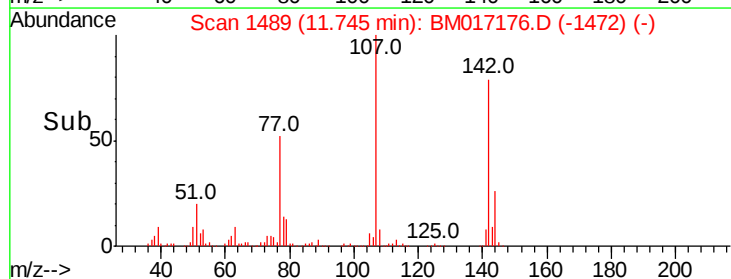
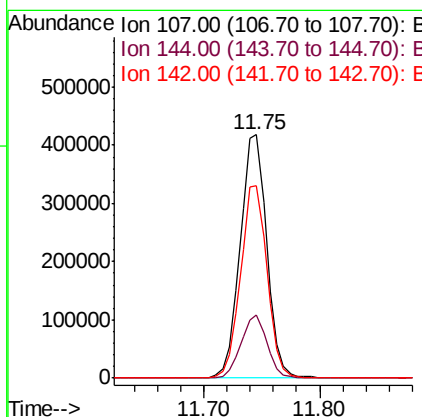
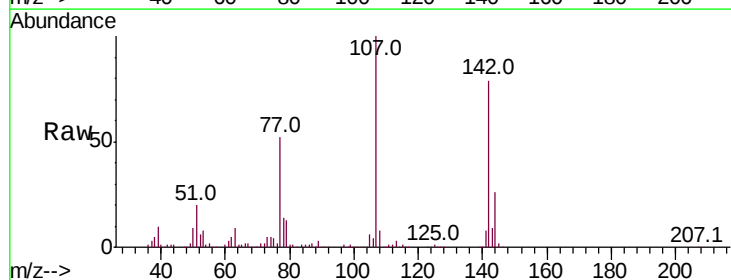
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

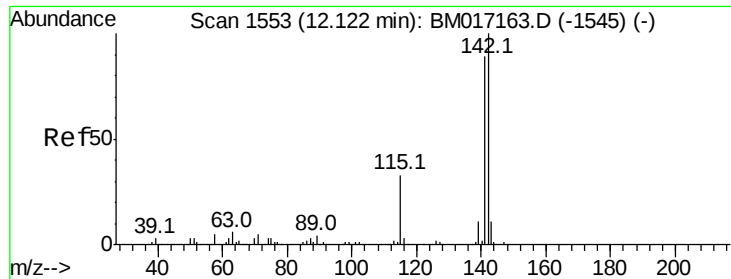
Tot Ion:113 Resp: 205389
Ion Ratio Lower Upper
113 100
55 155.4 147.0 187.0
56 126.6 104.5 144.5



#36
4-Chloro-3-methylphenol
Concen: 41.916 ng
RT: 11.75 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion:107 Resp: 668922
Ion Ratio Lower Upper
107 100
144 26.1 21.6 32.4
142 78.9 66.0 99.0

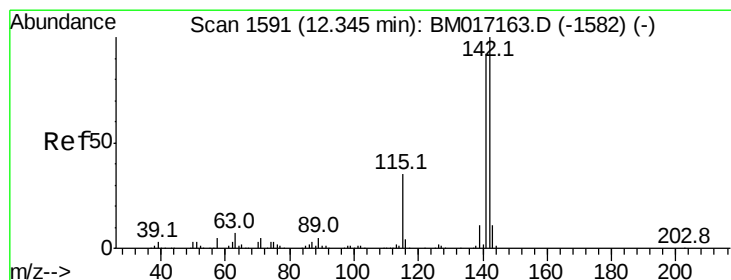
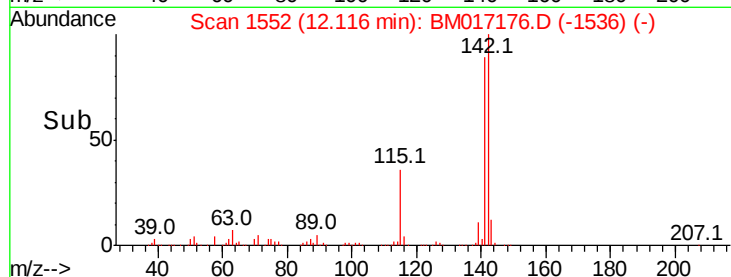
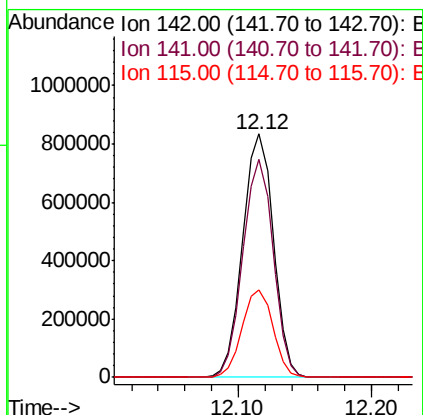
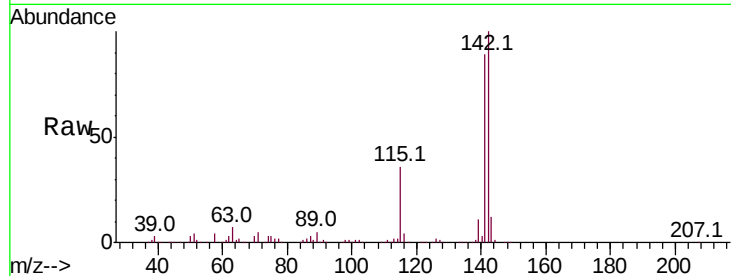




#37
2-Methylnaphthalene
Concen: 40.523 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

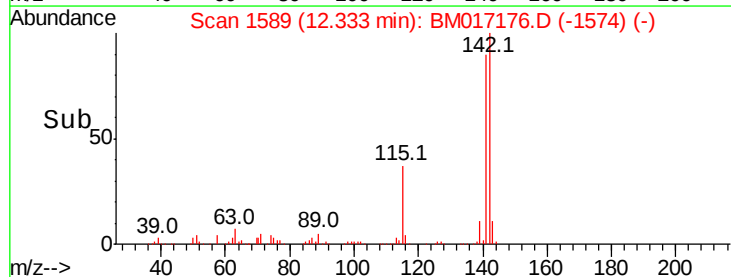
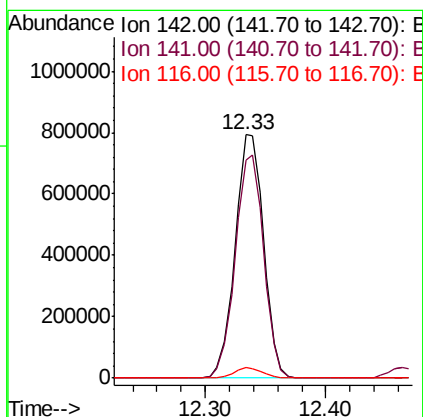
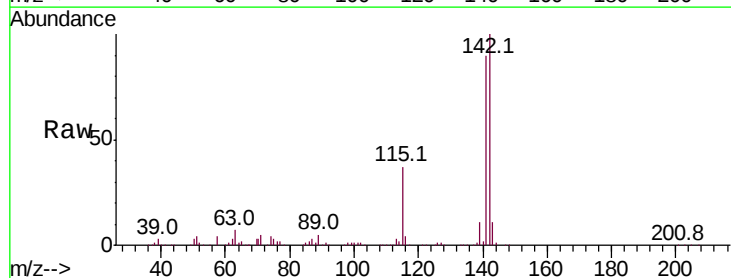
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

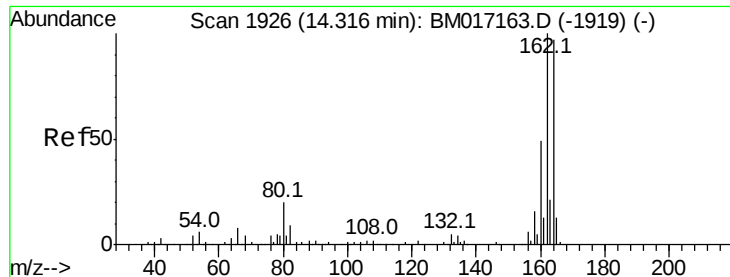
Tot Ion:142 Resp: 1327276
Ion Ratio Lower Upper
142 100
141 89.4 70.9 106.3
115 35.9 26.4 39.6



#38
1-Methylnaphthalene
Concen: 40.900 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion:142 Resp: 1303843
Ion Ratio Lower Upper
142 100
141 89.7 73.8 110.6
116 4.2 2.9 4.3

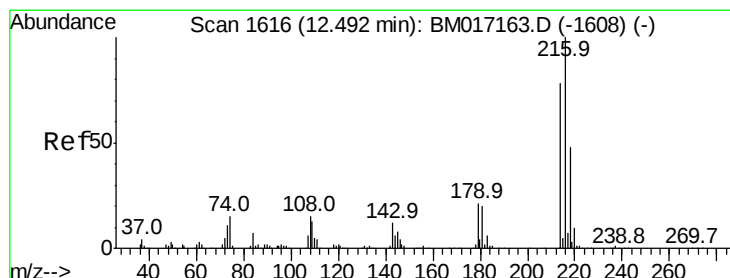
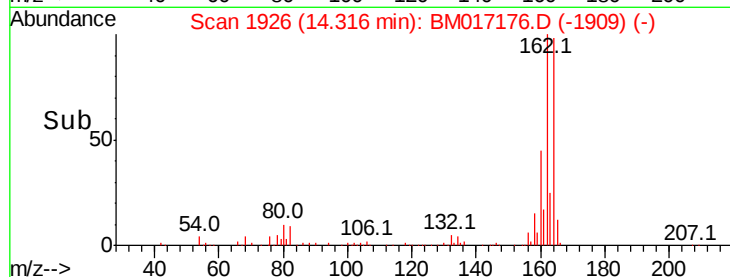
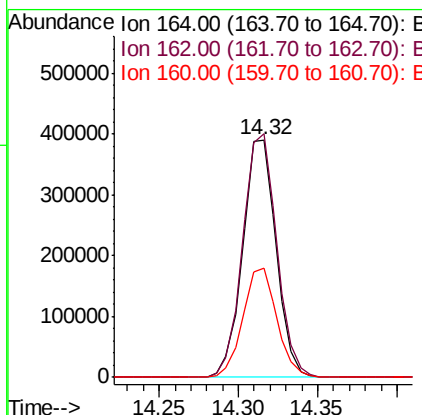
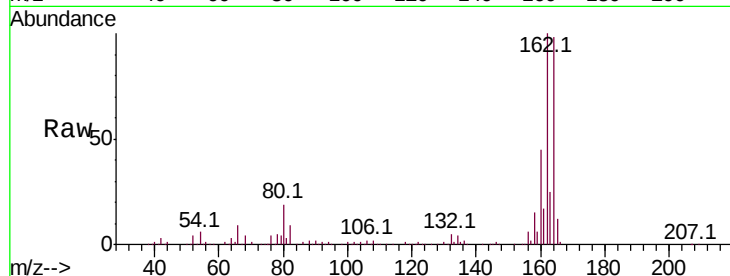




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

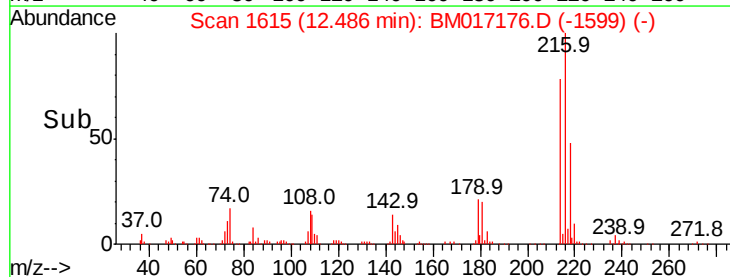
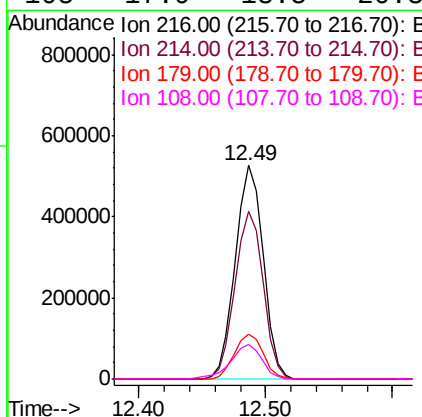
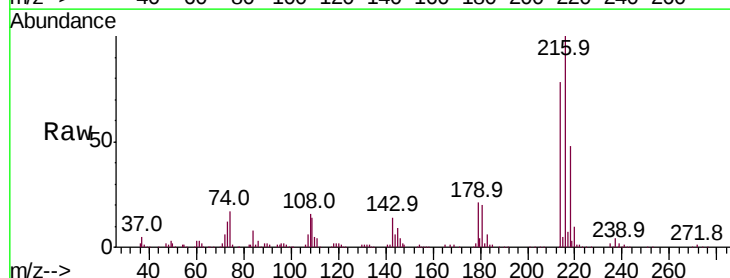
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

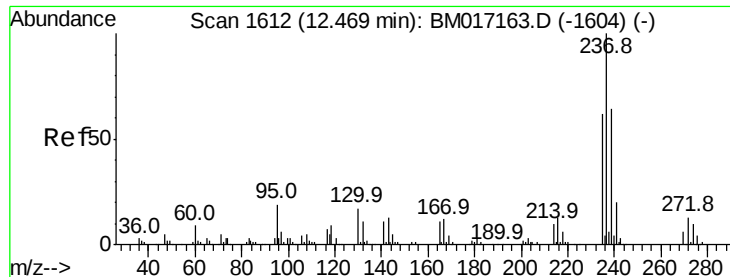
Tot Ion:164 Resp: 571527
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 45.8 40.2 60.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.914 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion:216 Resp: 803356
Ion Ratio Lower Upper
216 100
214 78.8 62.6 93.8
179 21.4 16.6 24.8
108 17.9 13.5 20.3





#41

Hexachlorocyclopentadiene

Concen: 46.025 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

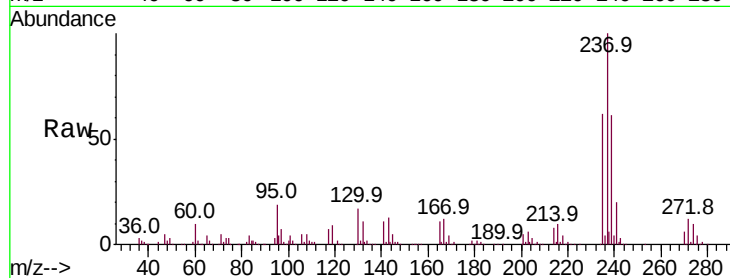
Tot Ion:237 Resp: 447830

Ion Ratio Lower Upper

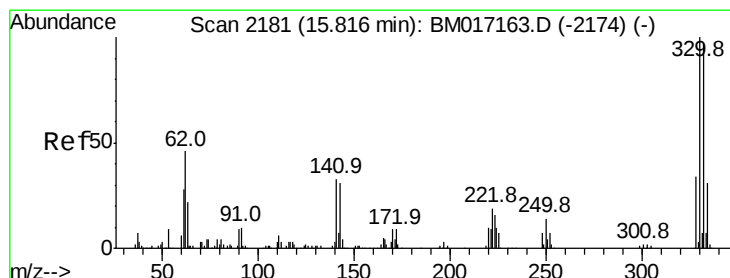
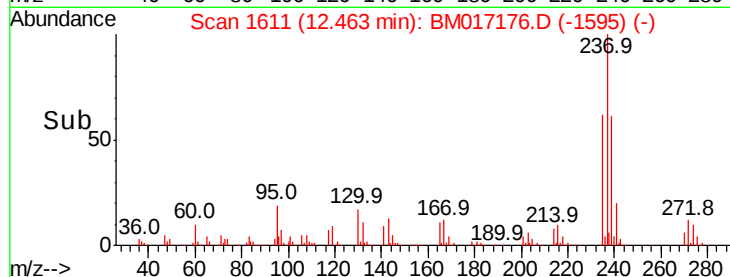
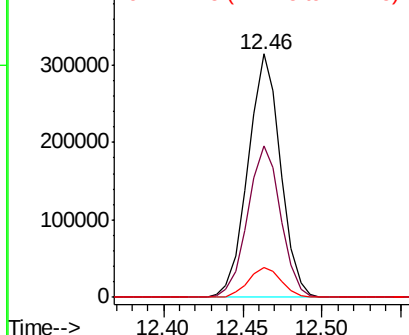
237 100

235 62.3 42.4 82.4

272 12.0 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.080 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

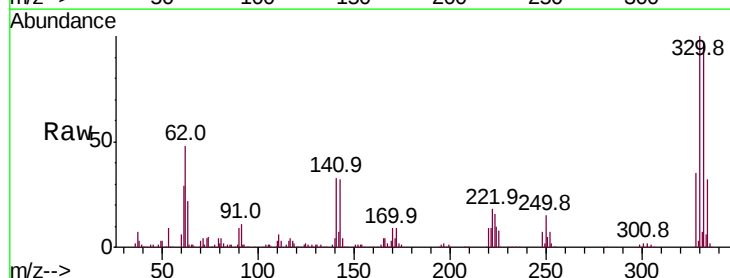
Tgt Ion:330 Resp: 642133

Ion Ratio Lower Upper

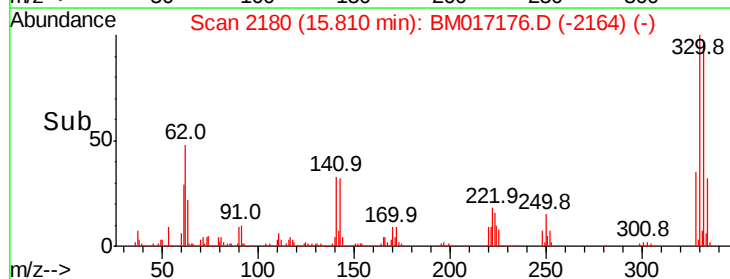
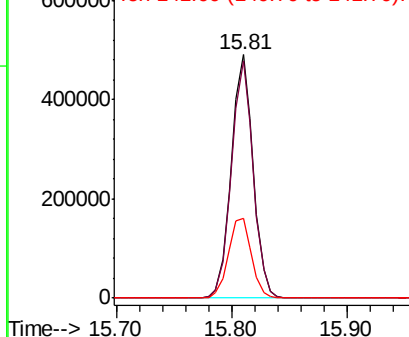
330 100

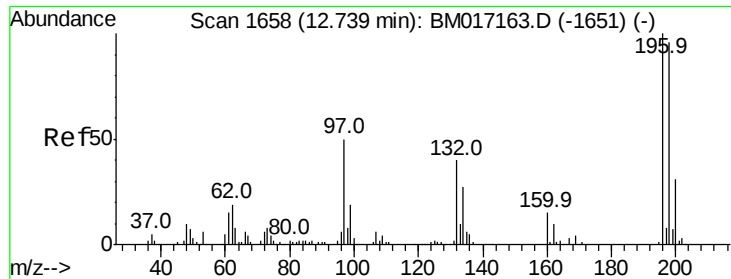
332 96.6 77.3 115.9

141 34.8 27.4 41.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

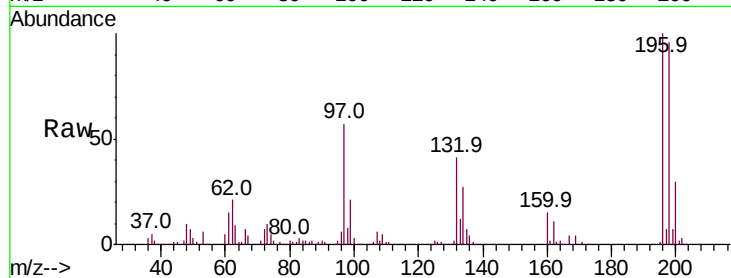




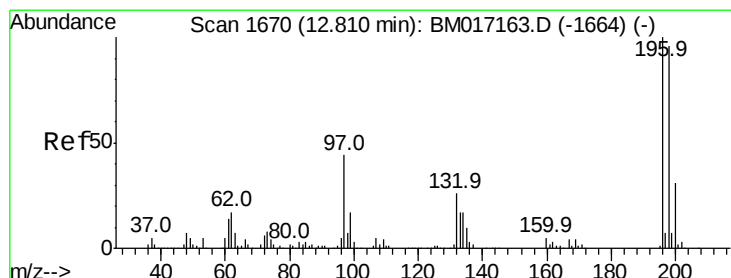
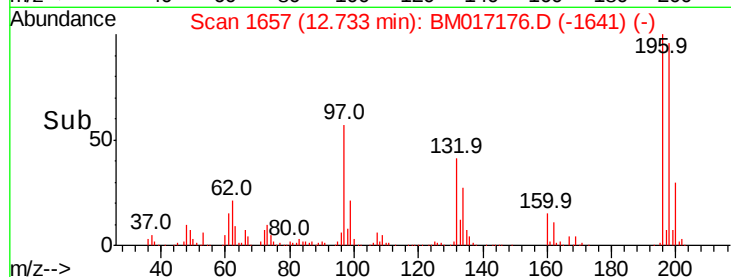
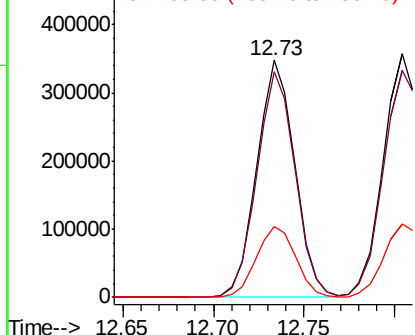
#43
 2,4,6-Trichlorophenol
 Concen: 43.249 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017176.D
 Acq: 18 Oct 2018 01:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 505321
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.1 115.7
 200 29.9 25.0 37.4



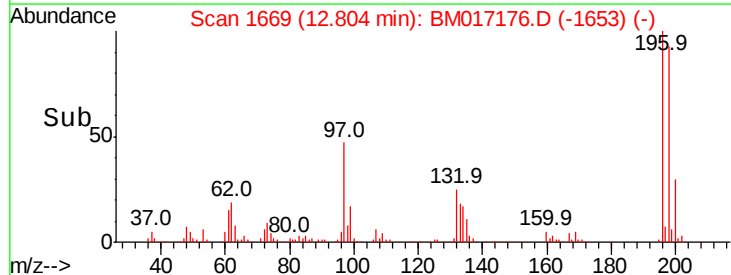
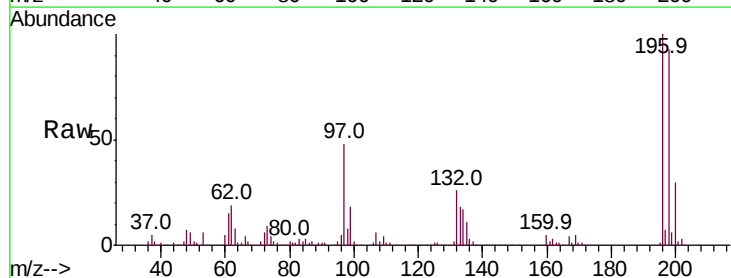
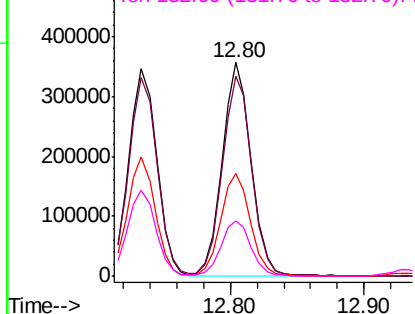
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

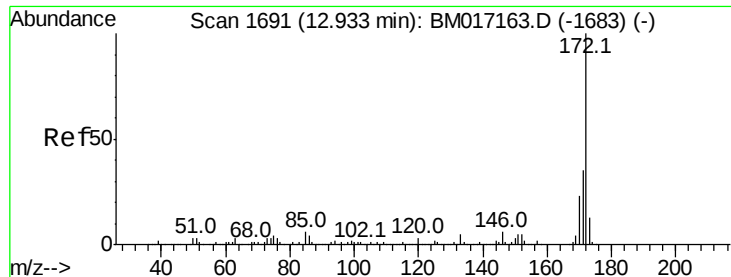


#44
 2,4,5-Trichlorophenol
 Concen: 43.073 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017176.D
 Acq: 18 Oct 2018 01:59

Tgt Ion:196 Resp: 539666
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.6 115.0
 97 47.9 35.5 53.3
 132 25.9 20.7 31.1

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

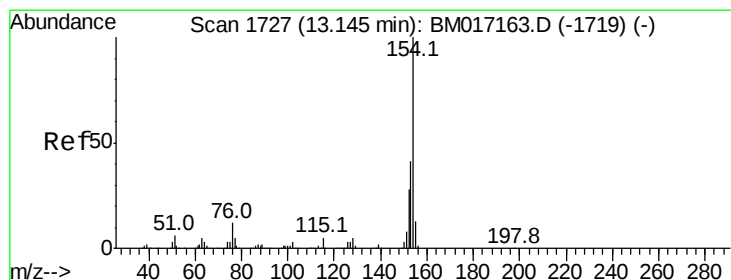
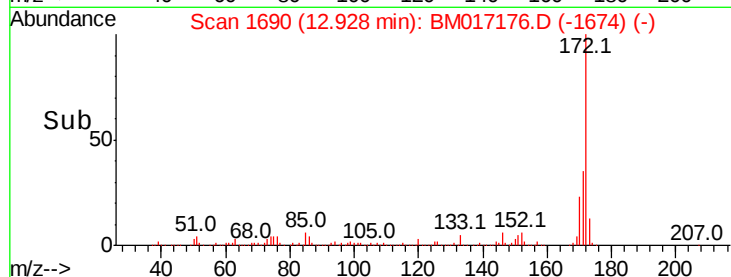
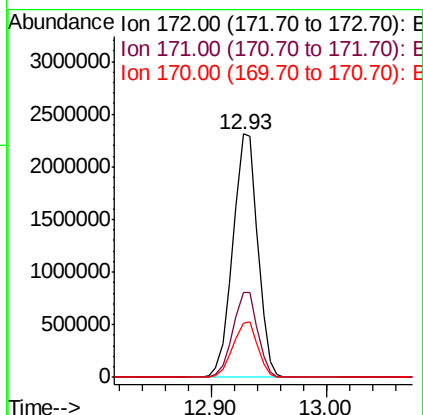
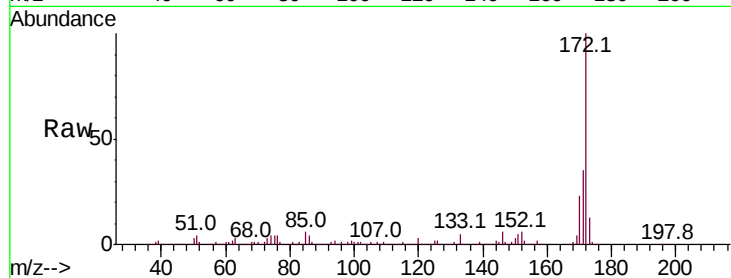




#45
2-Fluorobiphenyl
Concen: 79.999 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

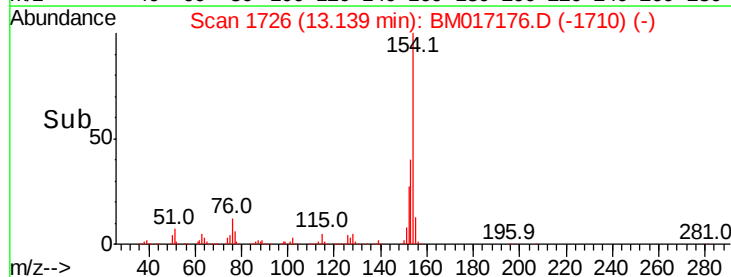
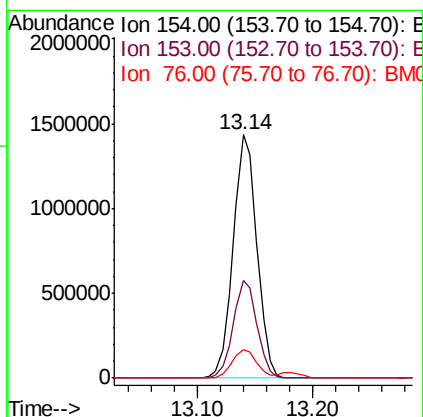
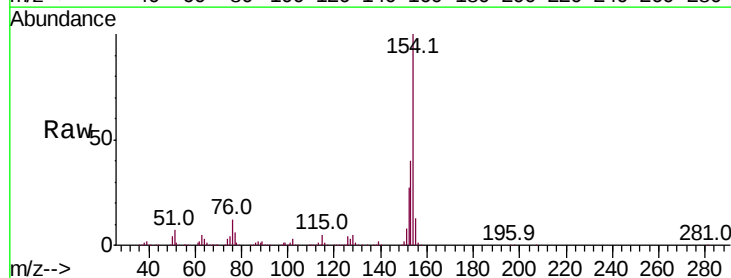
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

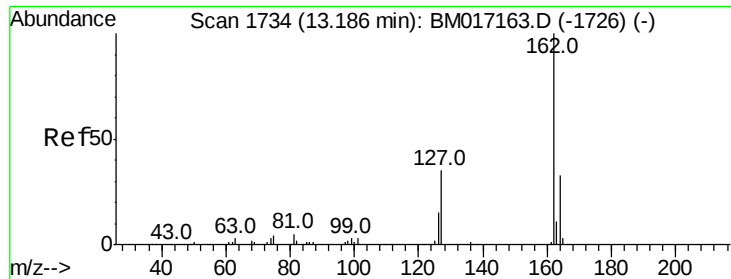
Tot Ion:172 Resp: 3436307
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.5 18.3 27.5



#46
1,1'-Biphenyl
Concen: 39.469 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion:154 Resp: 2029938
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 11.6 0.0 31.8

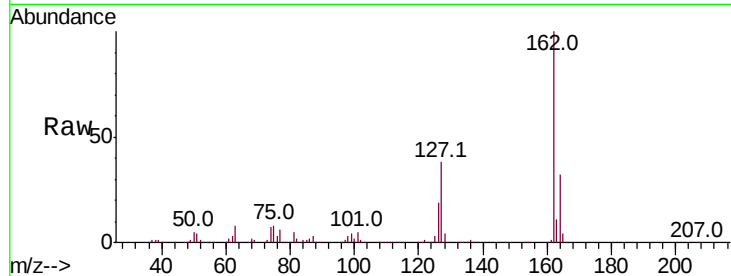




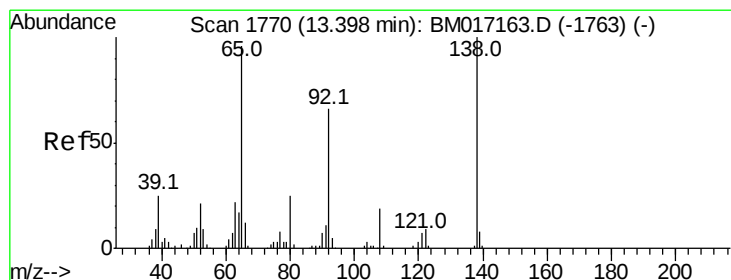
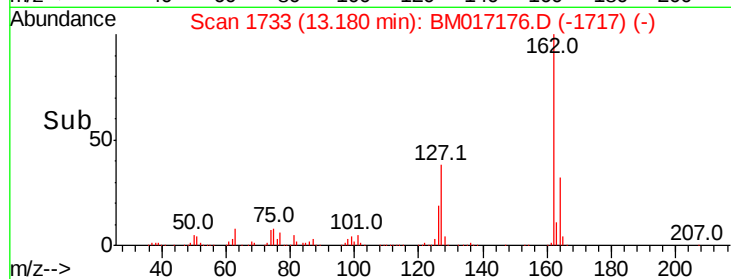
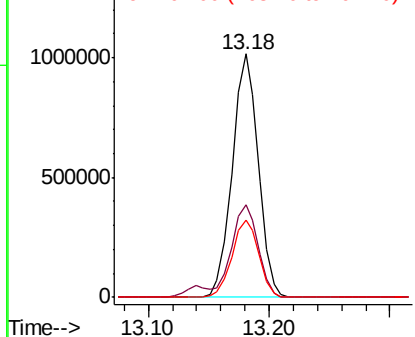
#47
2-Chloronaphthalene
Concen: 40.156 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:162 Resp: 1519373
Ion Ratio Lower Upper
162 100
127 38.2 31.0 46.4
164 31.8 26.6 39.8

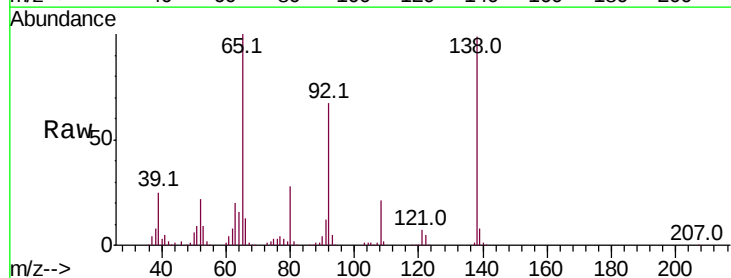


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

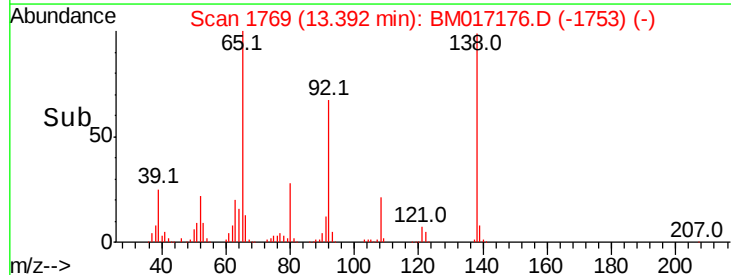
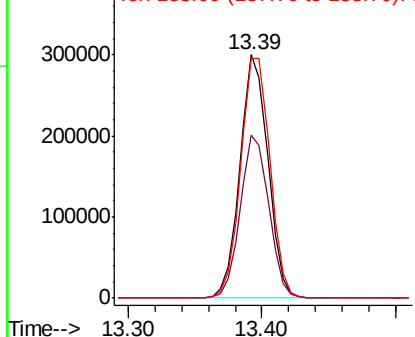


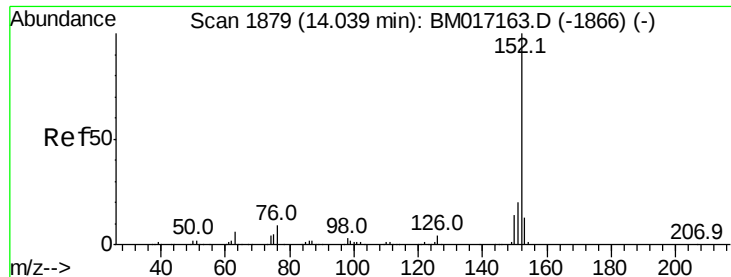
#48
2-Nitroaniline
Concen: 41.555 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion: 65 Resp: 434945
Ion Ratio Lower Upper
65 100
92 67.2 54.9 82.3
138 98.6 83.7 125.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.359 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

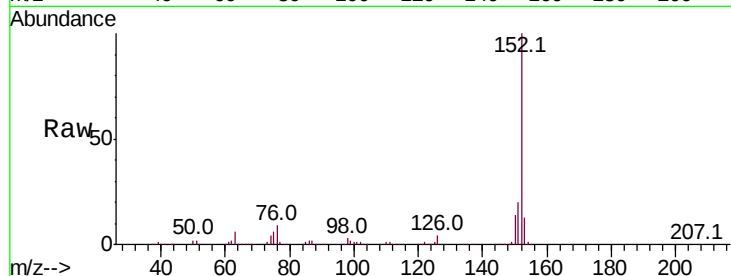
Tot Ion:152 Resp: 2268306

Ion Ratio Lower Upper

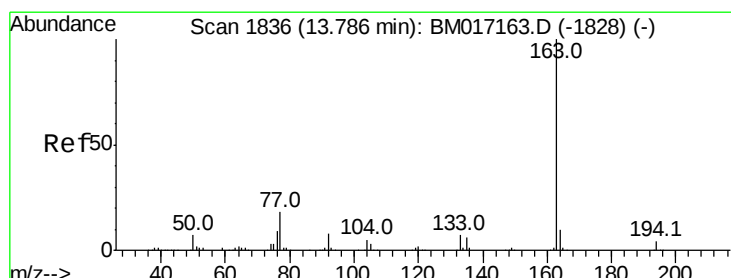
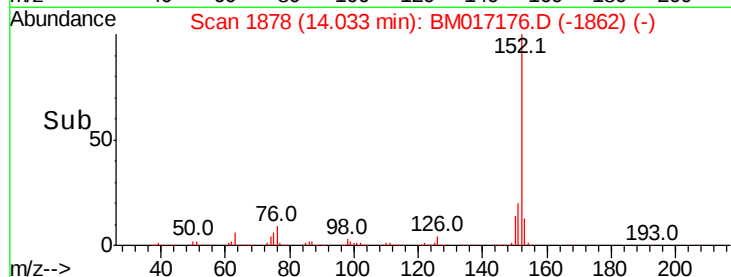
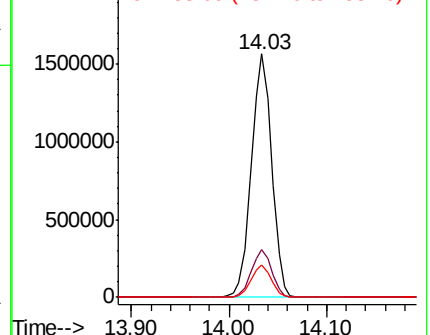
152 100

151 19.6 16.0 24.0

153 13.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.047 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

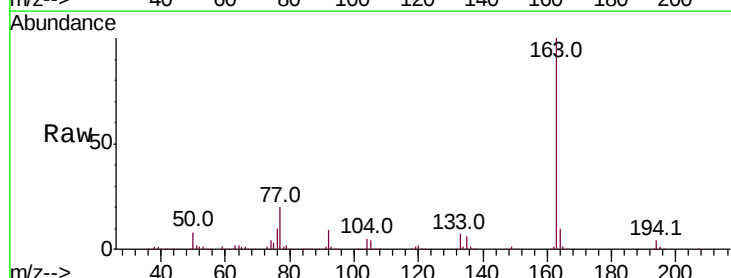
Tgt Ion:163 Resp: 1809894

Ion Ratio Lower Upper

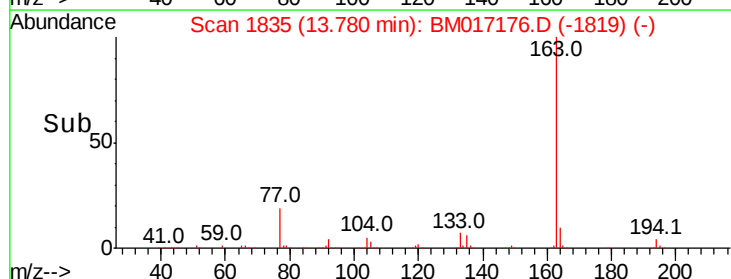
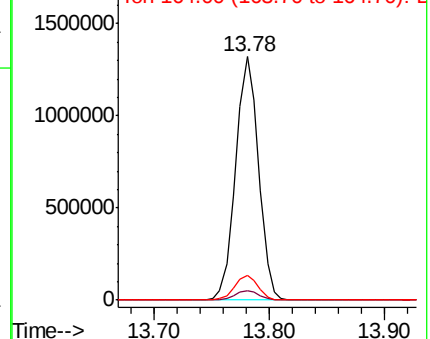
163 100

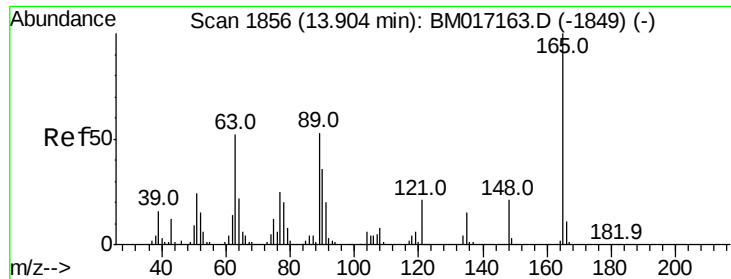
194 4.0 3.3 4.9

164 10.0 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

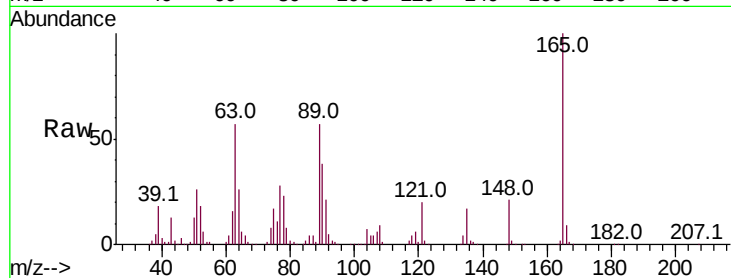




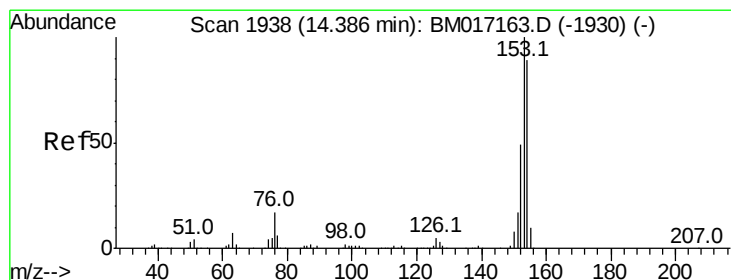
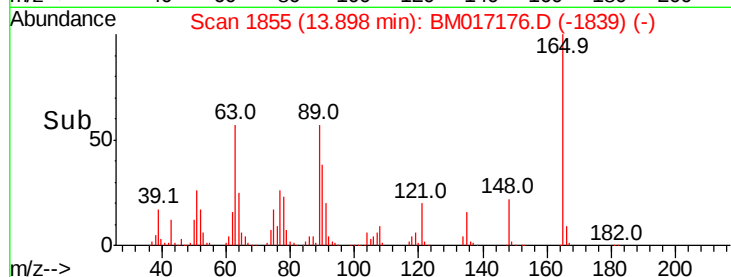
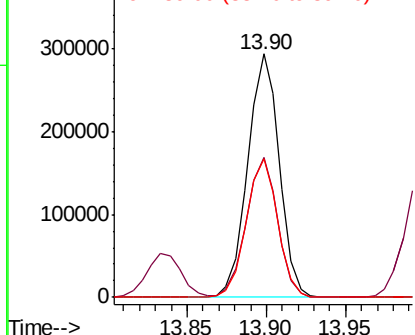
#51
2,6-Dinitrotoluene
Concen: 41.740 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:165 Resp: 405077
Ion Ratio Lower Upper
165 100
63 57.2 42.7 64.1
89 56.7 42.1 63.1

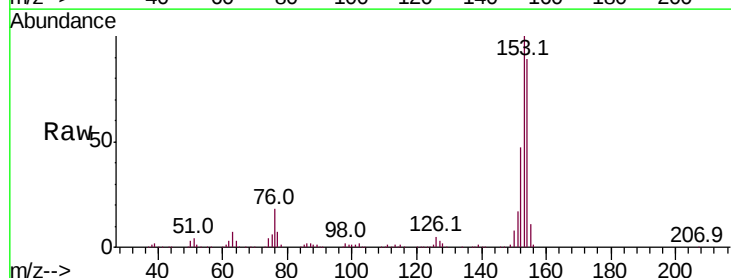


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

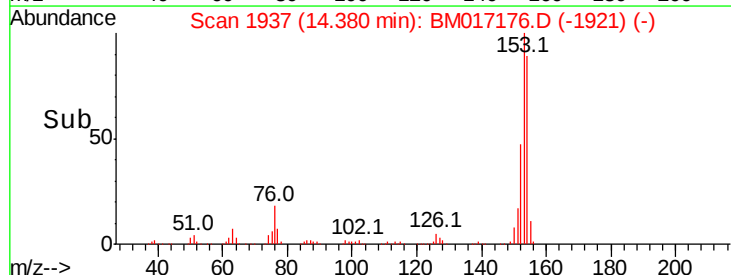
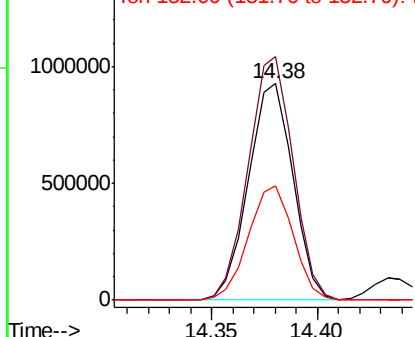


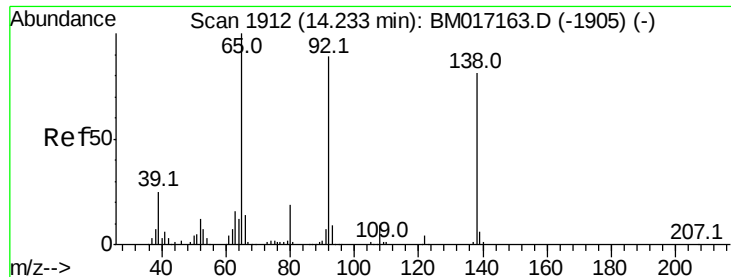
#52
Acenaphthene
Concen: 39.624 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion:154 Resp: 1364447
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.2
152 53.0 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

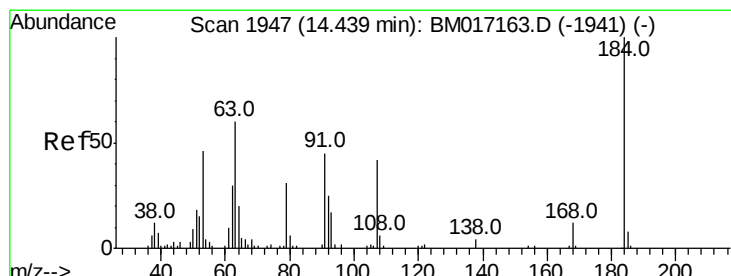
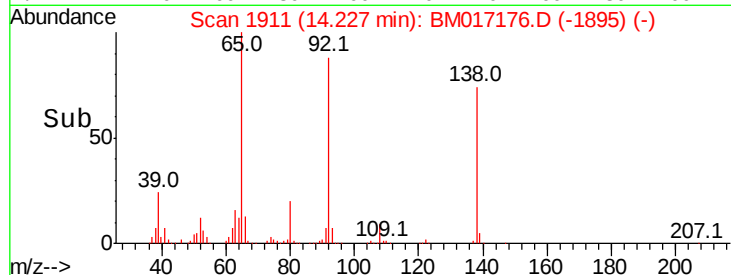
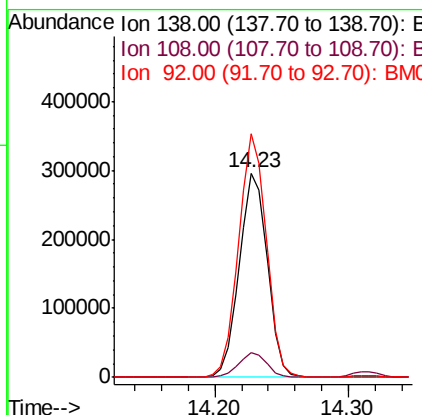
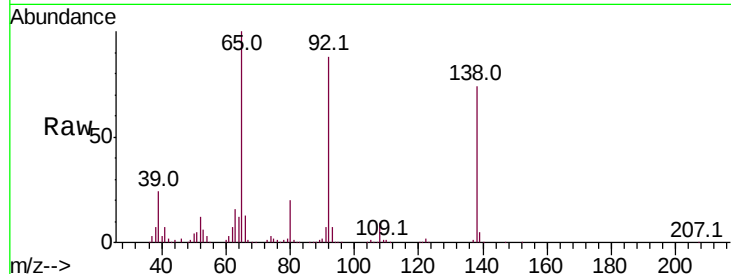




#53
3-Nitroaniline
Concen: 40.898 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

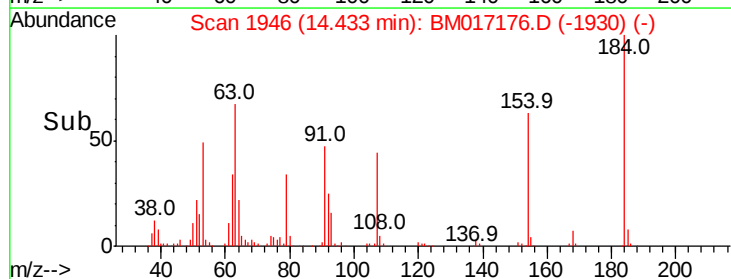
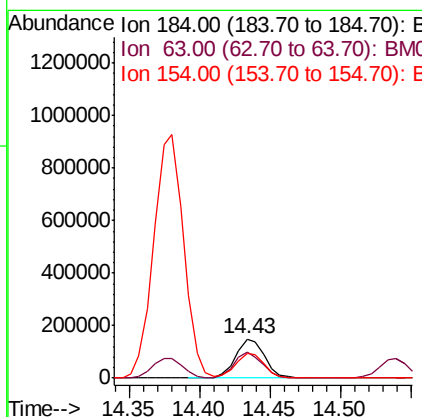
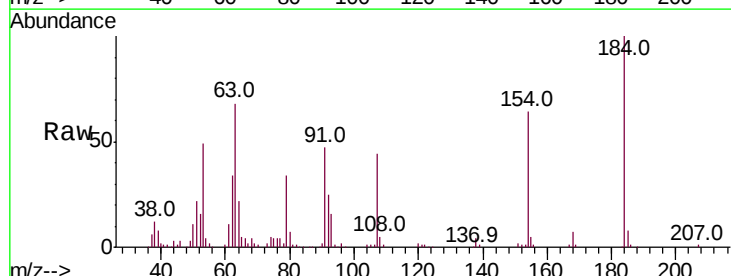
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

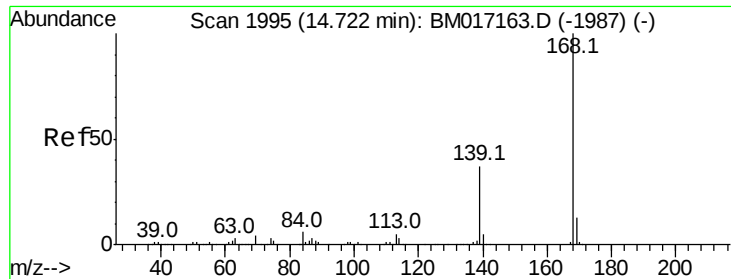
Tot Ion:138 Resp: 429871
Ion Ratio Lower Upper
138 100
108 12.1 8.7 13.1
92 119.2 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 41.729 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion:184 Resp: 212608
Ion Ratio Lower Upper
184 100
63 67.5 51.2 76.8
154 63.5 47.8 71.8

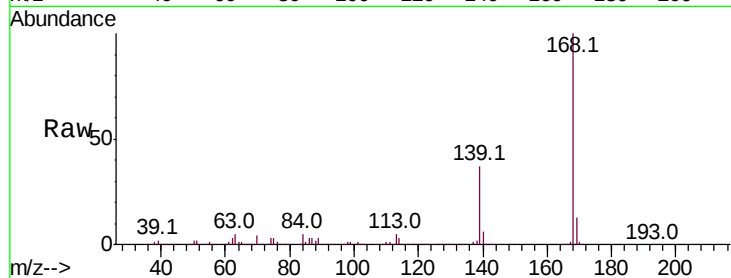




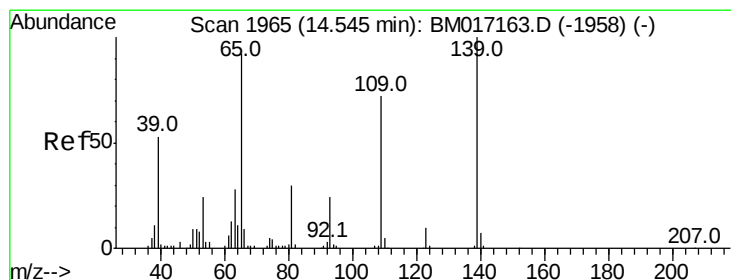
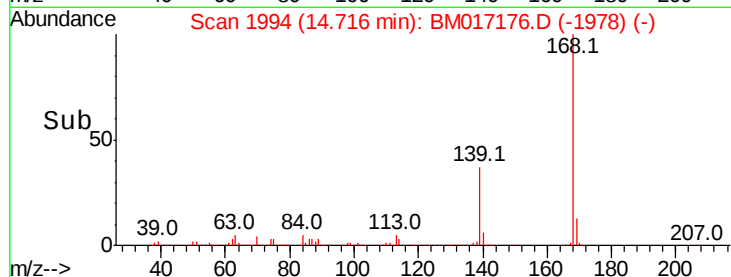
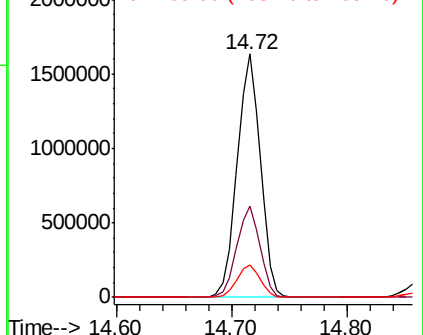
#55
Dibenzofuran
Concen: 39.622 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 2268906
Ion Ratio Lower Upper
168 100
139 37.5 29.3 43.9
169 13.1 10.6 15.8

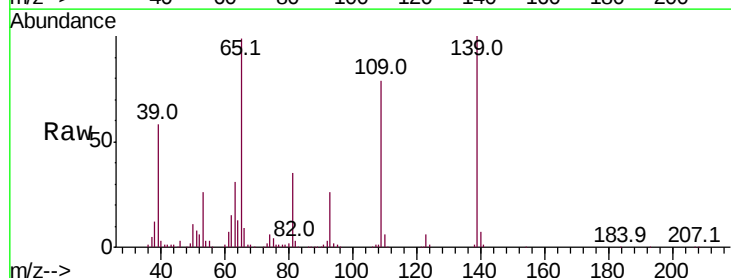


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

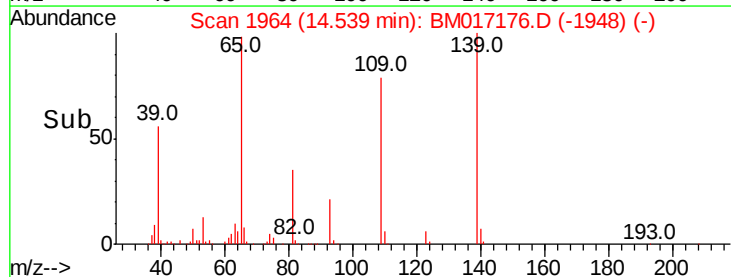
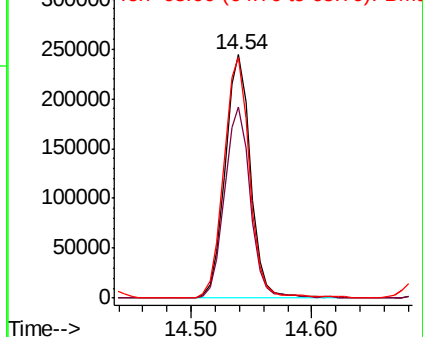


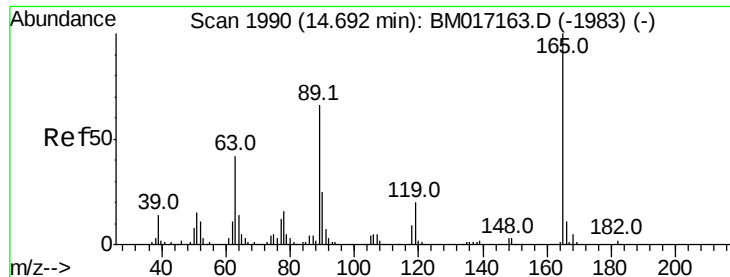
#56
4-Nitrophenol
Concen: 39.774 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion:139 Resp: 356868
Ion Ratio Lower Upper
139 100
109 78.7 51.8 91.8
65 99.2 72.1 112.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

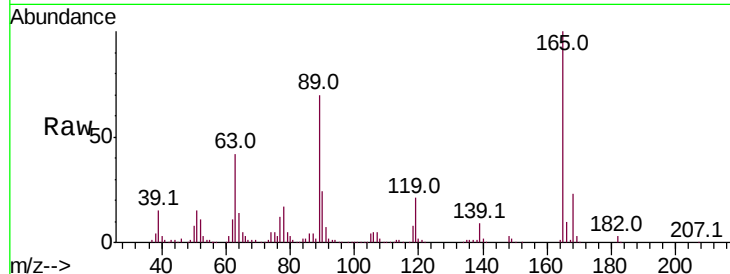




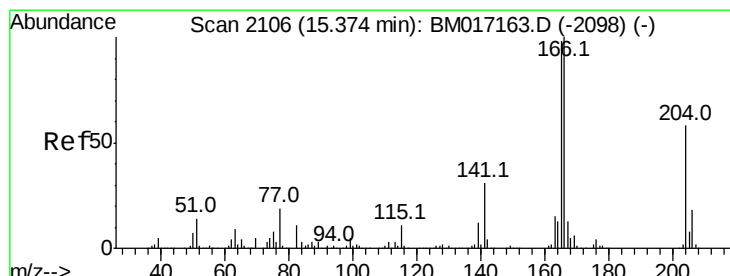
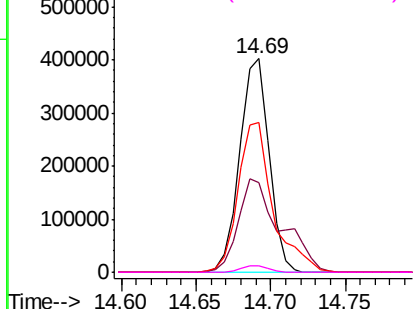
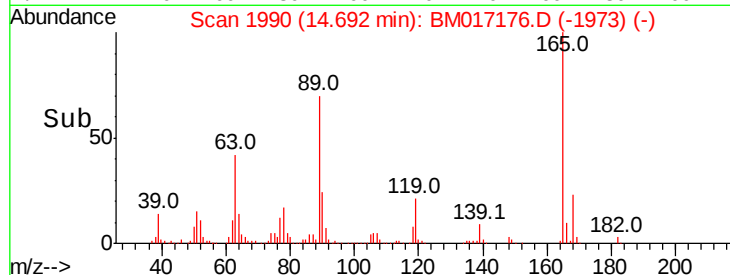
#57
 2,4-Dinitrotoluene
 Concen: 42.103 ng
 RT: 14.69 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BM017176.D
 Acq: 18 Oct 2018 01:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:165 Resp: 549184
 Ion Ratio Lower Upper
 165 100
 63 42.2 33.8 50.8
 89 69.8 53.1 79.7
 182 2.9 2.0 3.0

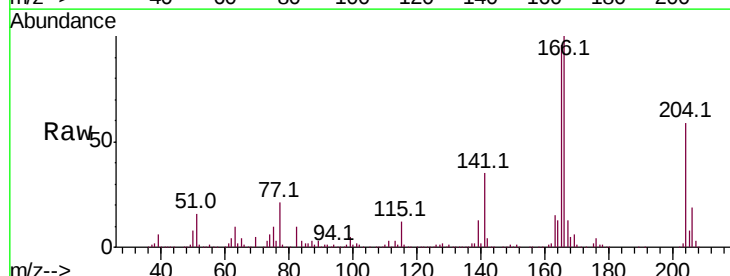


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

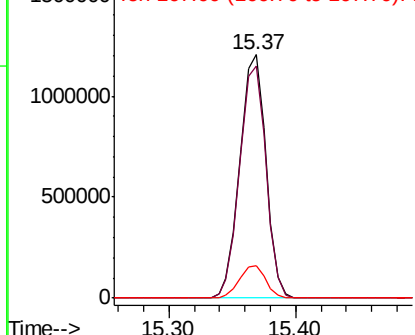
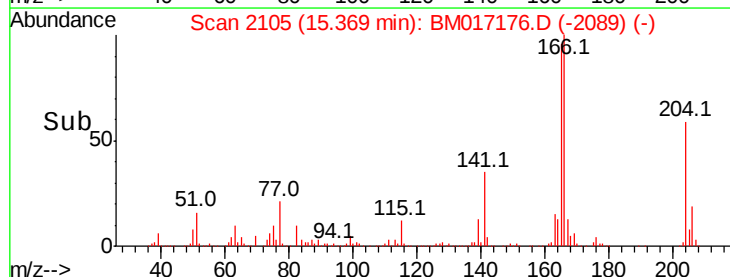


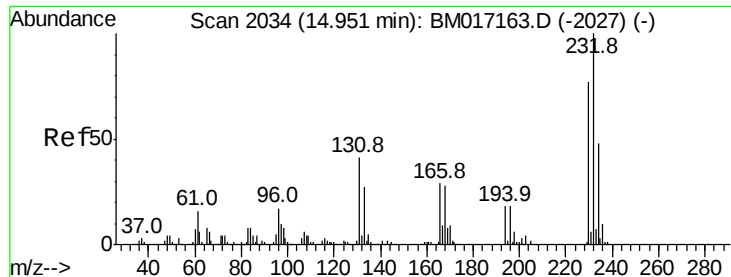
#58
 Fluorene
 Concen: 40.553 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM017176.D
 Acq: 18 Oct 2018 01:59

Tgt Ion:166 Resp: 1718860
 Ion Ratio Lower Upper
 166 100
 165 95.5 78.1 117.1
 167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.596 ng

RT: 14.95 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:232 Resp: 486479

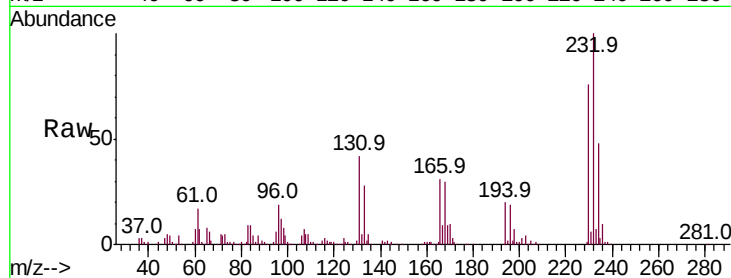
Ion Ratio Lower Upper

232 100

131 43.7 33.1 49.7

130 2.3 1.7 2.5

166 31.8 24.4 36.6

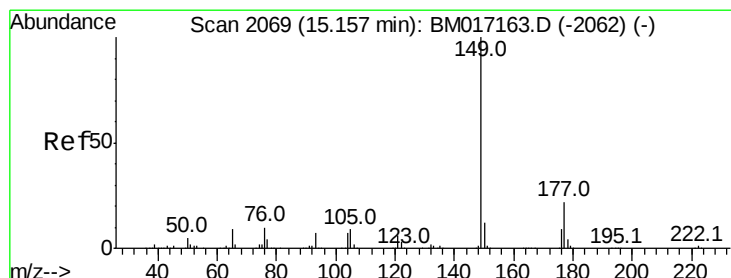
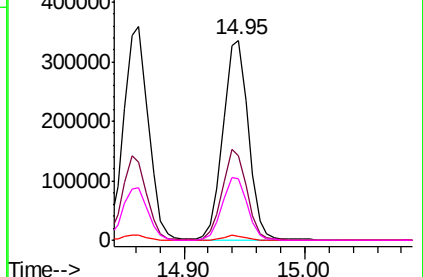
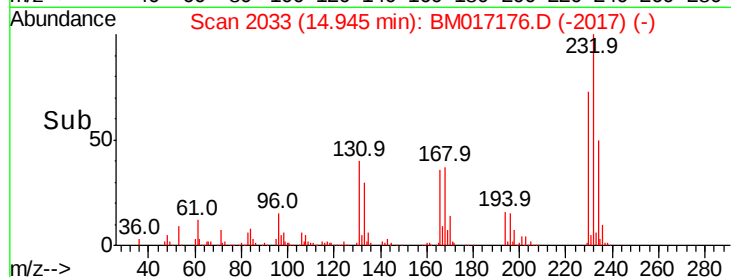


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.307 ng

RT: 15.15 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

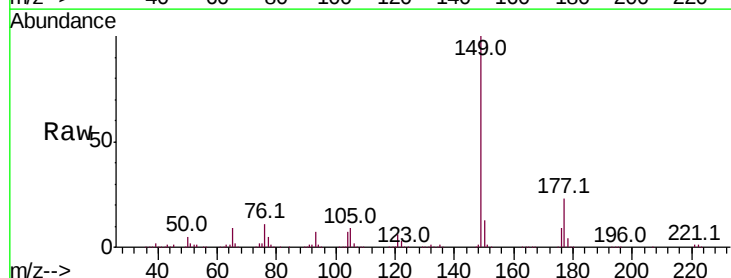
Tgt Ion:149 Resp: 1850020

Ion Ratio Lower Upper

149 100

177 22.7 17.7 26.5

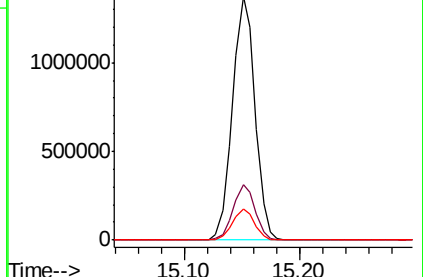
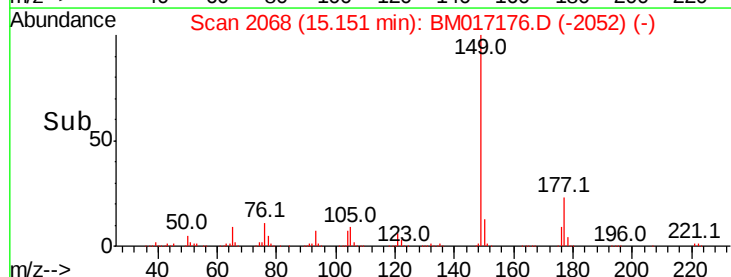
150 12.7 10.0 15.0

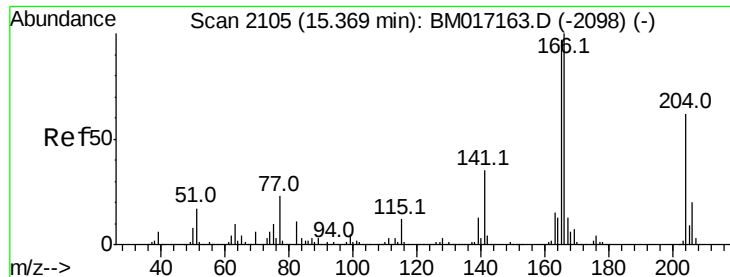


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

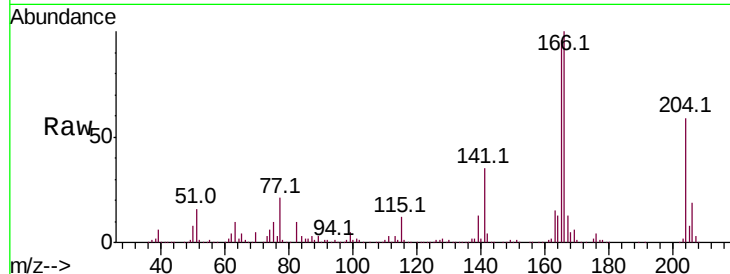




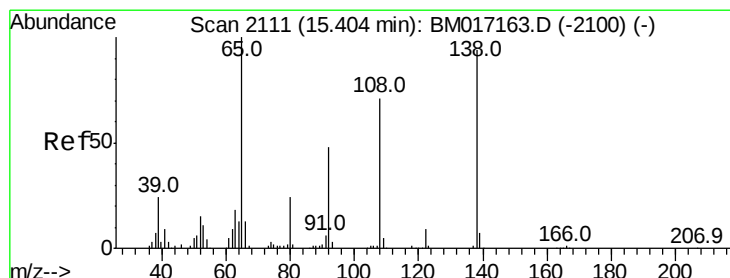
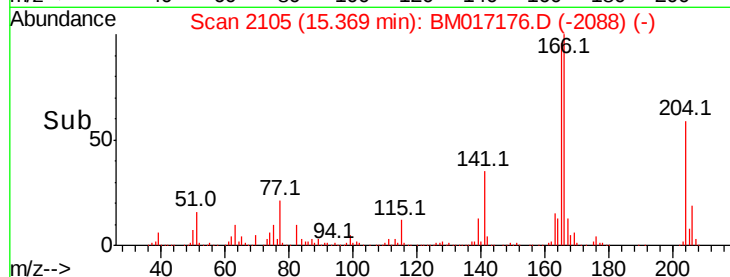
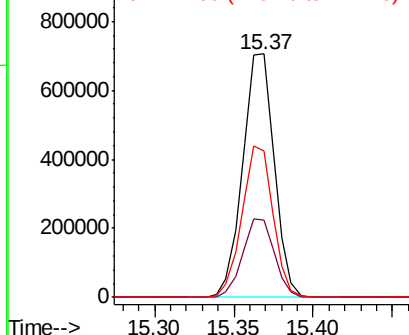
#61
4-Chlorophenyl-phenylether
Concen: 40.397 ng
RT: 15.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 976159
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 60.3 45.4 68.2

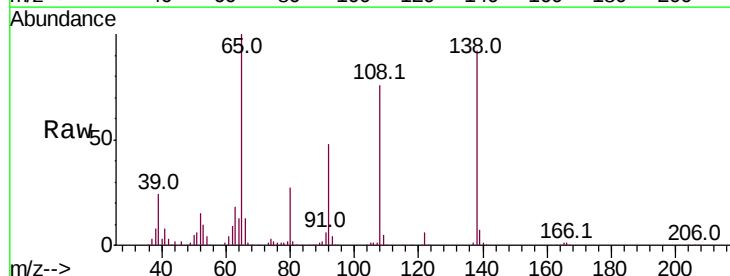


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

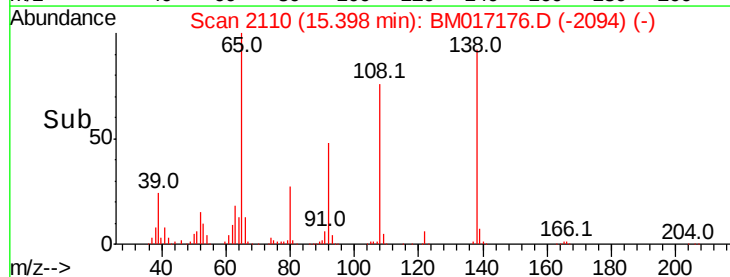
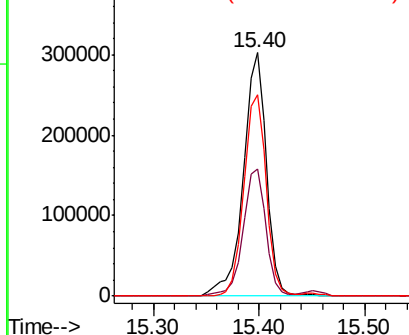


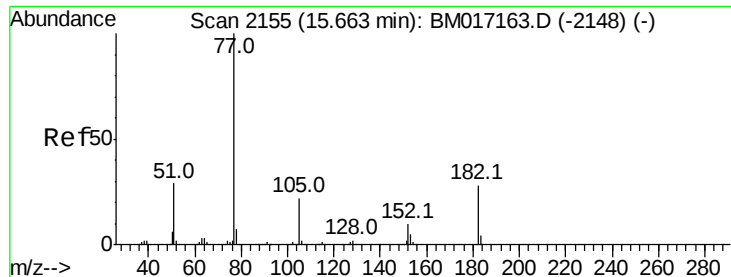
#62
4-Nitroaniline
Concen: 40.163 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion:138 Resp: 461008
Ion Ratio Lower Upper
138 100
92 52.5 31.2 71.2
108 82.8 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.329 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1756588

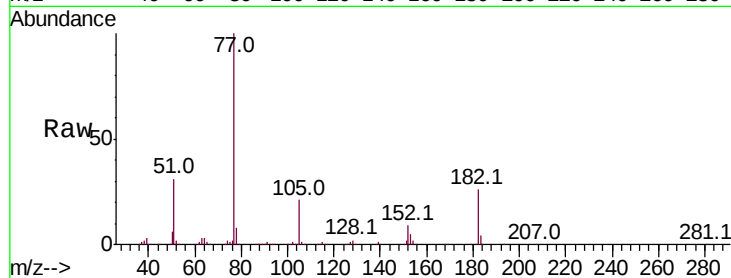
Ion	Ratio	Lower	Upper
77	100		
182	26.2	8.3	48.3
105	21.0	1.5	41.5
51	30.8	8.8	48.8

77 100

182 26.2 8.3 48.3

105 21.0 1.5 41.5

51 30.8 8.8 48.8

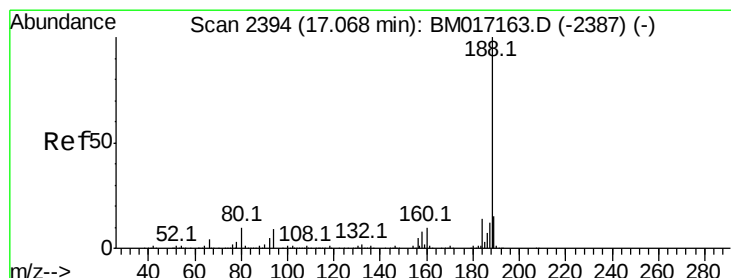
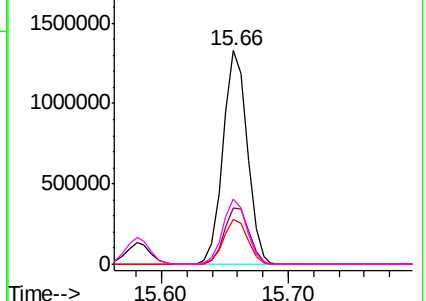
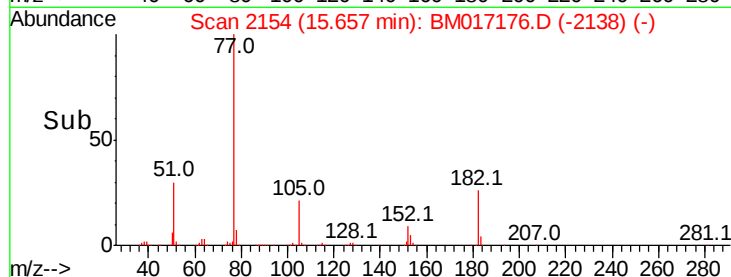


Abundance Ion 77.00 (76.70 to 77.70): BM017176.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017176.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017176.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017176.D (-2148) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

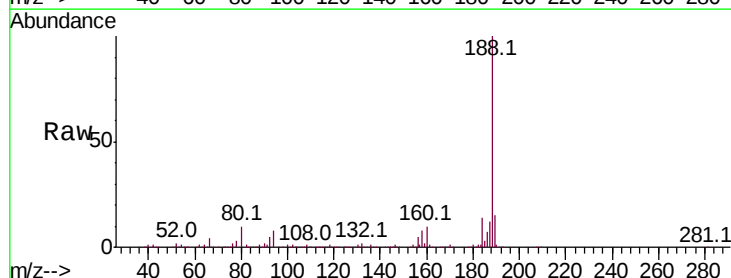
Tgt Ion: 188 Resp: 1310442

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	9.8	7.7	11.5

188 100

94 8.5 7.0 10.4

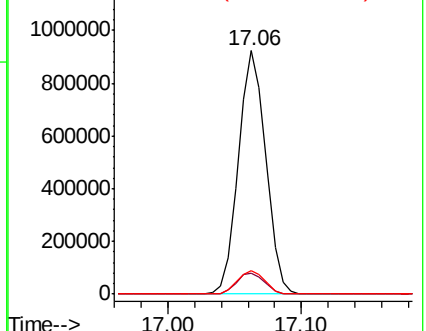
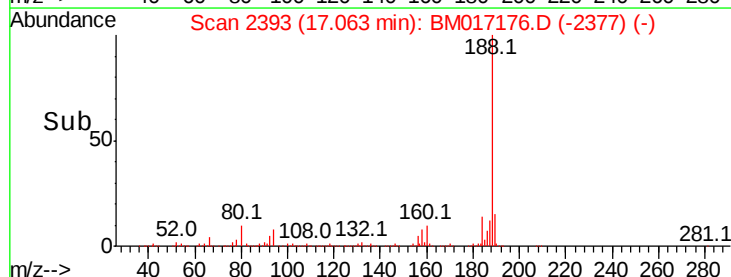
80 9.8 7.7 11.5

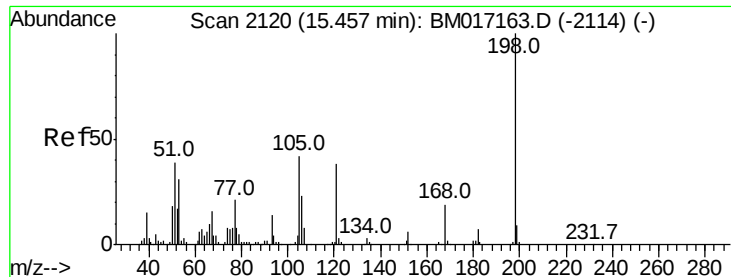


Abundance Ion 188.00 (187.70 to 188.70): BM017176.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017176.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017176.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 41.420 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

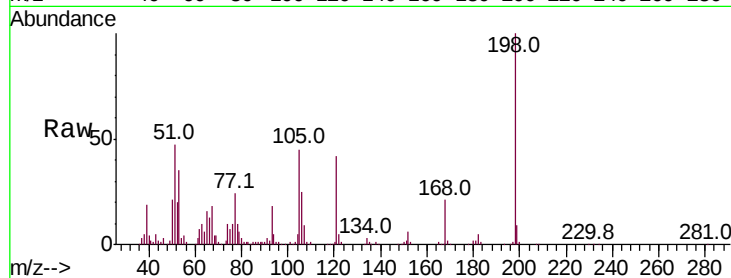
Tot Ion:198 Resp: 339091

Ion	Ratio	Lower	Upper
198	100		
51	46.6	20.3	60.3
105	44.8	21.9	61.9

198 100

51 46.6 20.3 60.3

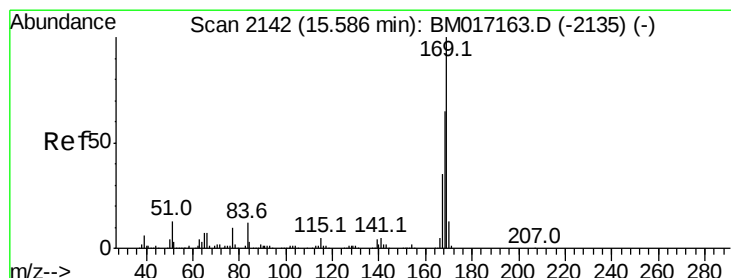
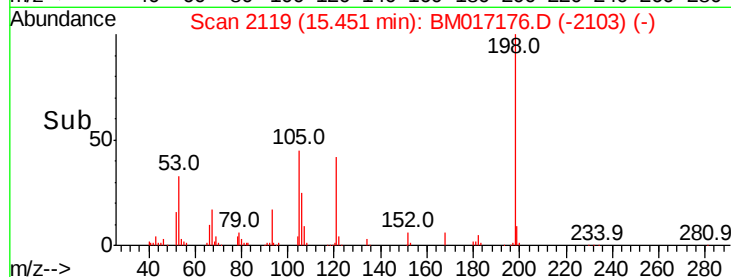
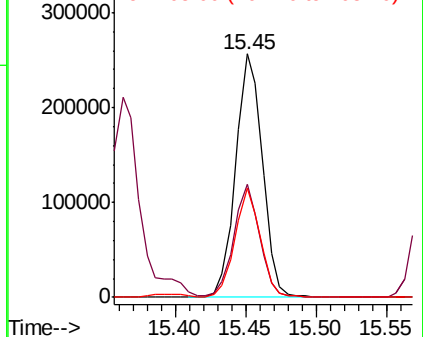
105 44.8 21.9 61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.547 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

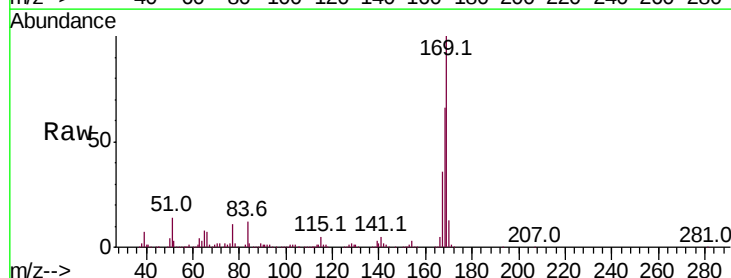
Tgt Ion:169 Resp: 1647236

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.2	78.4
167	35.6	28.4	42.6

169 100

168 65.5 52.2 78.4

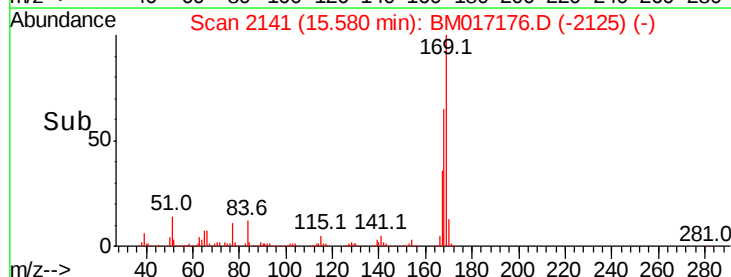
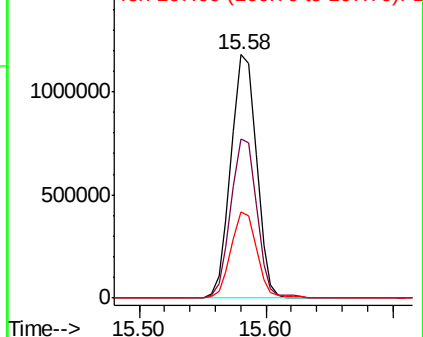
167 35.6 28.4 42.6

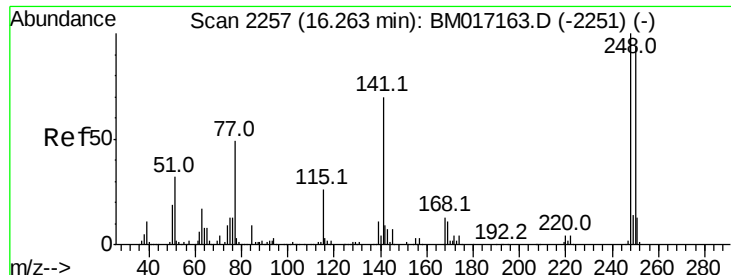


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

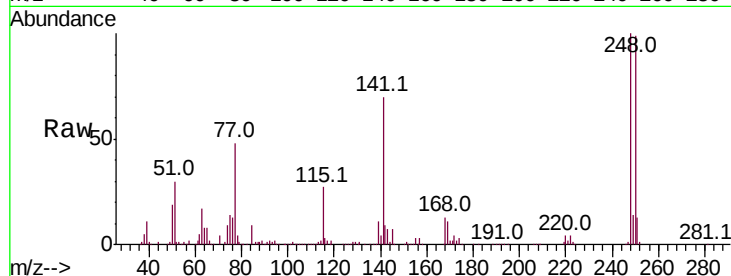




#67
4-Bromophenyl-phenylether
Concen: 41.768 ng
RT: 16.26 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	75.1	112.7
141	70.4	55.6	83.4

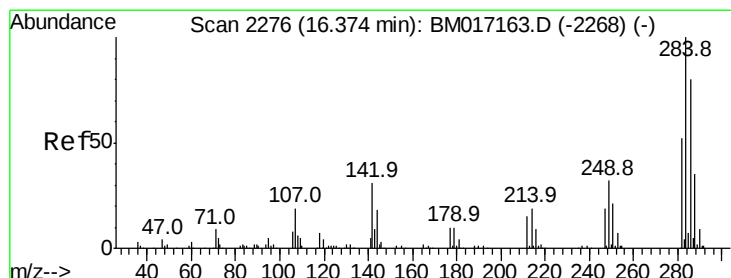
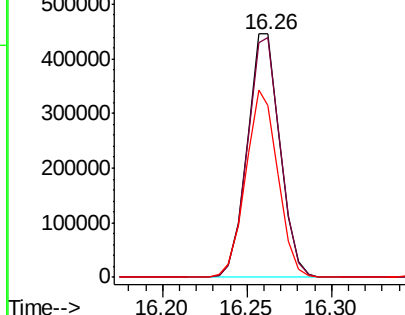
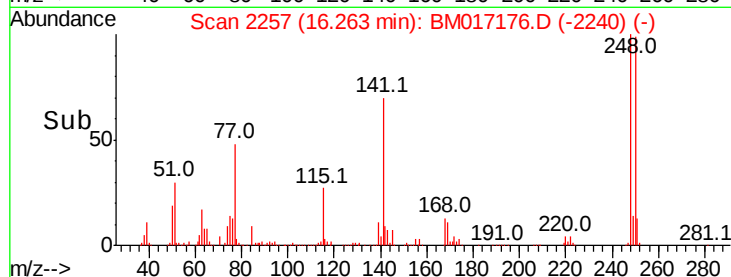


Abundance

Ion 248.00 (247.70 to 248.70): E

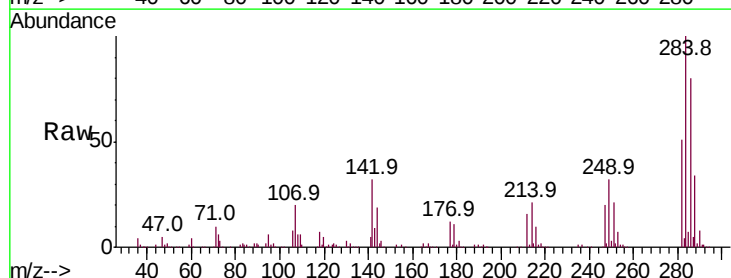
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.111 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.0	37.6
249	32.2	25.5	38.3

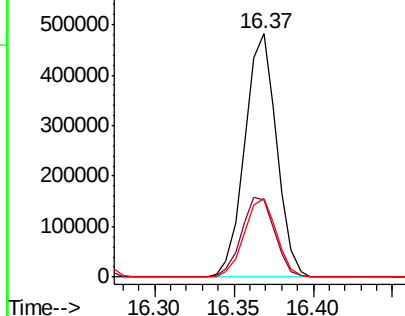
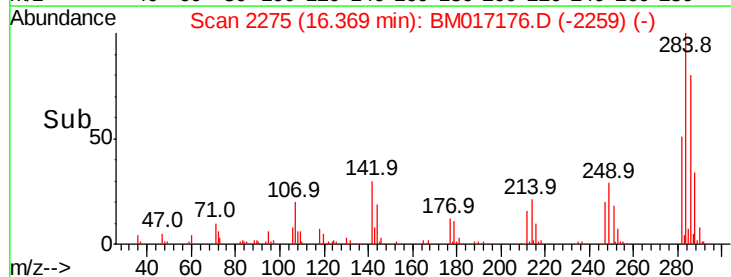


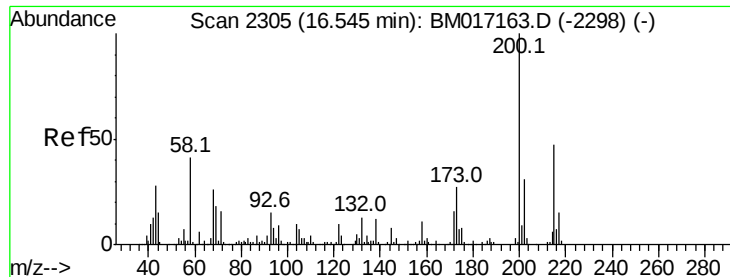
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

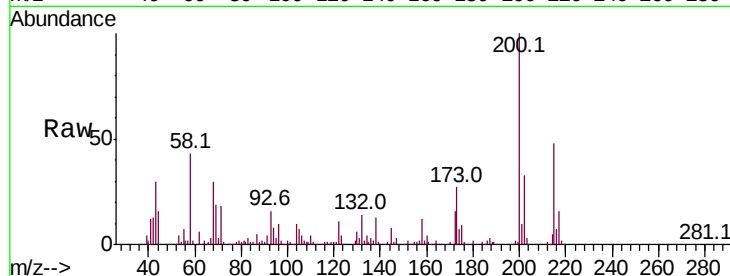




#69
Atrazine
Concen: 41.866 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.0	47.0
215	48.1	27.3	67.3

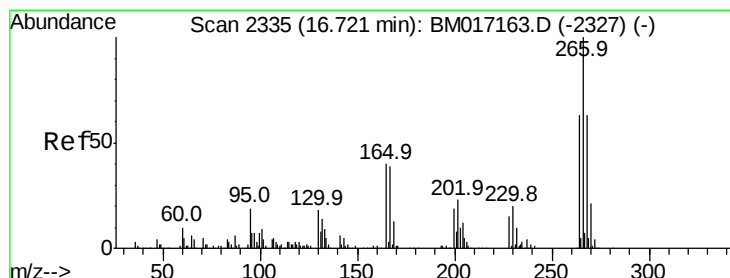
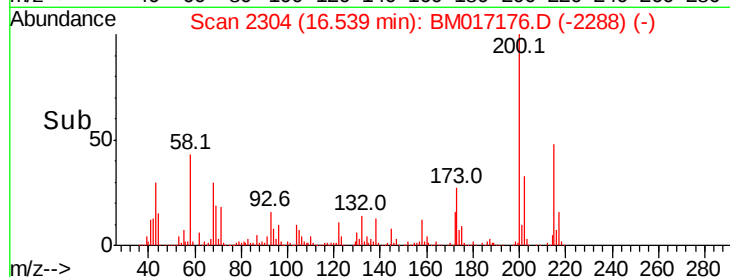
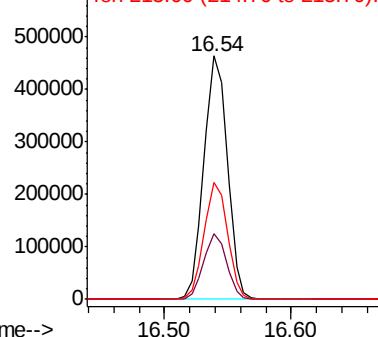


Abundance

Ion 200.00 (199.70 to 200.70): E

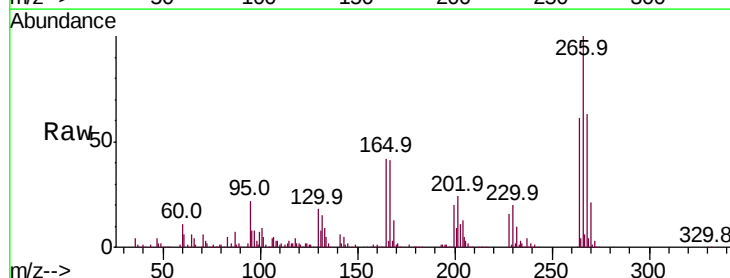
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 41.934 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.7	76.1
264	61.1	50.4	75.6

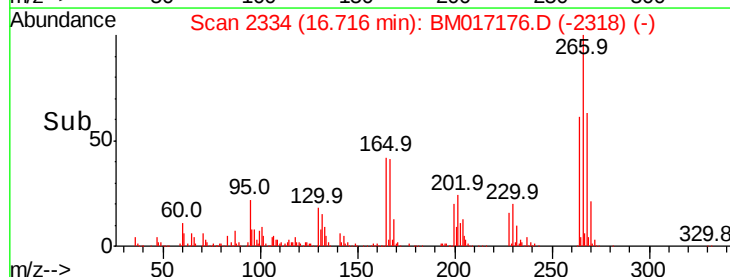
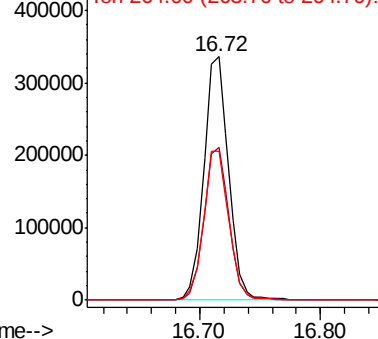


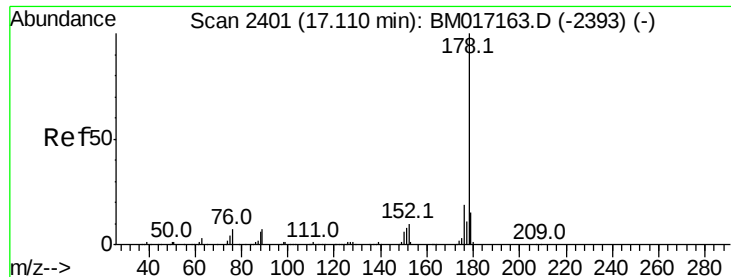
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

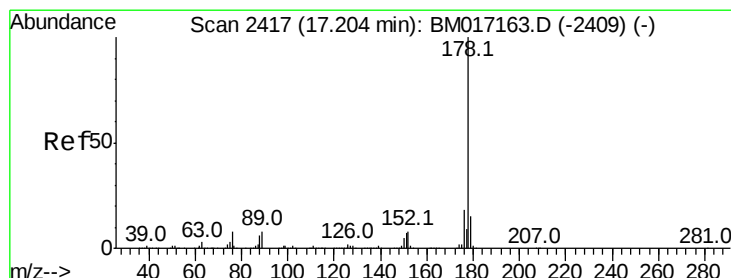
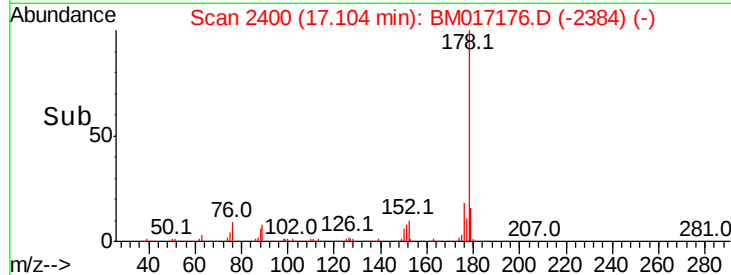
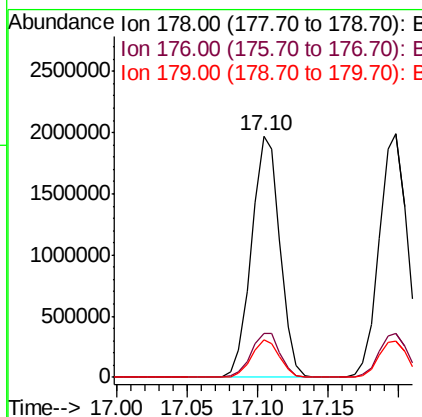
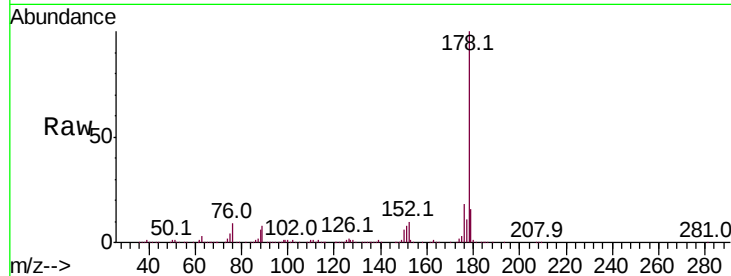




#71
Phenanthrene
Concen: 39.469 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

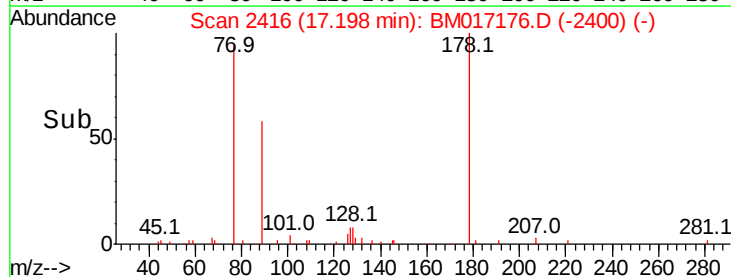
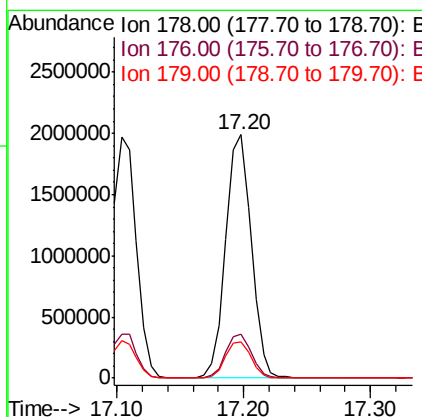
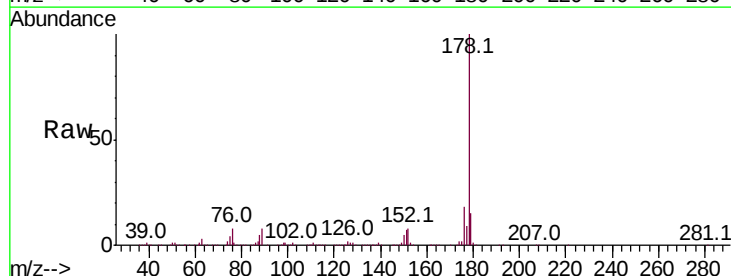
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

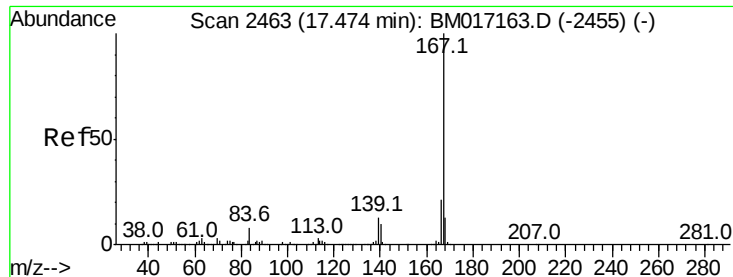
Tot Ion:178 Resp: 2790551
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.6 12.3 18.5



#72
Anthracene
Concen: 41.407 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion:178 Resp: 2781753
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 14.9 12.2 18.2





#73

Carbazole

Concen: 41.320 ng

RT: 17.47 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

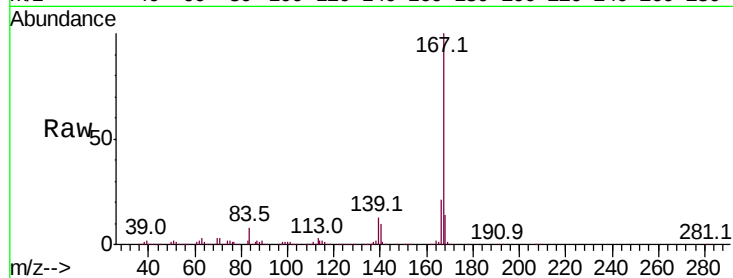
Tot Ion:167 Resp: 2835598

Ion Ratio Lower Upper

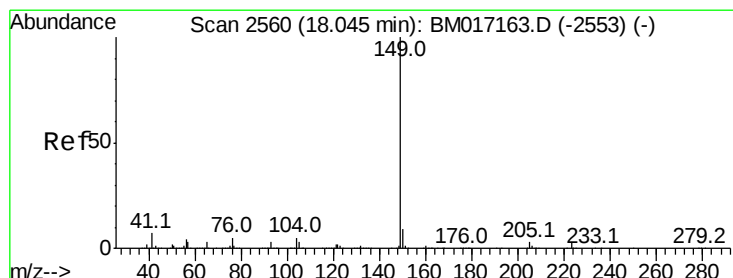
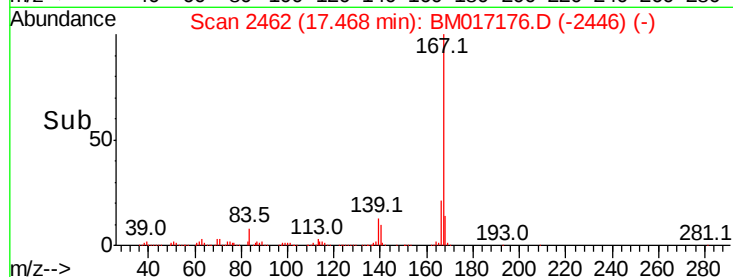
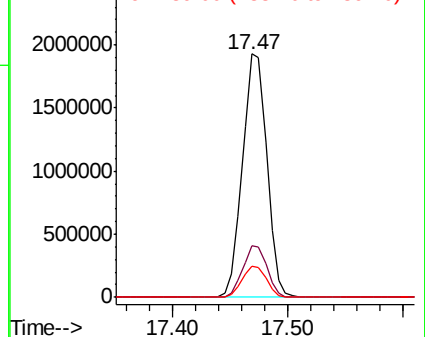
167 100

166 21.0 17.1 25.7

139 12.8 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.615 ng

RT: 18.04 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

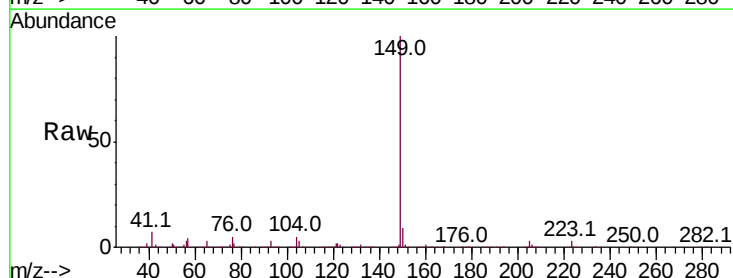
Tgt Ion:149 Resp: 3084473

Ion Ratio Lower Upper

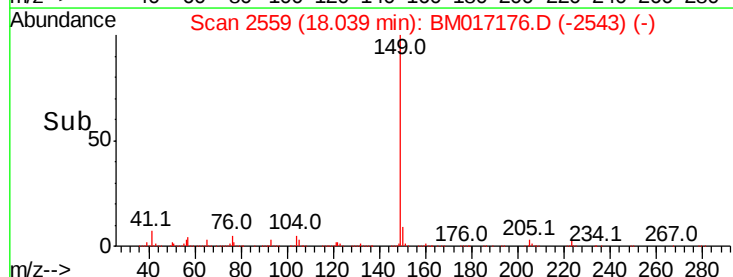
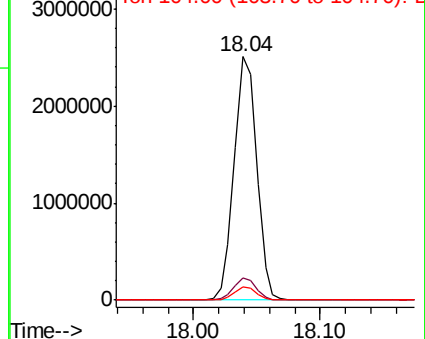
149 100

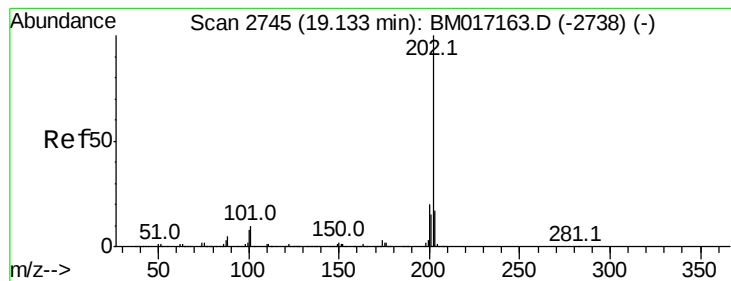
150 9.0 7.4 11.0

104 5.2 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.255 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

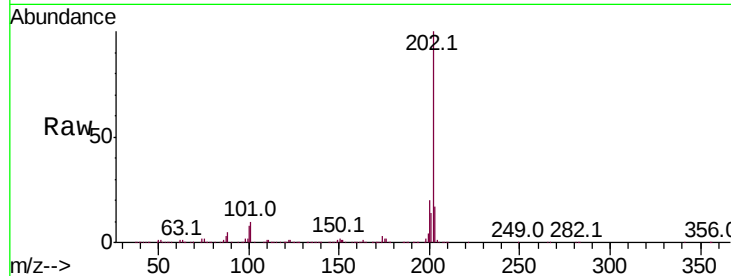
Tot Ion:202 Resp: 3282223

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.0

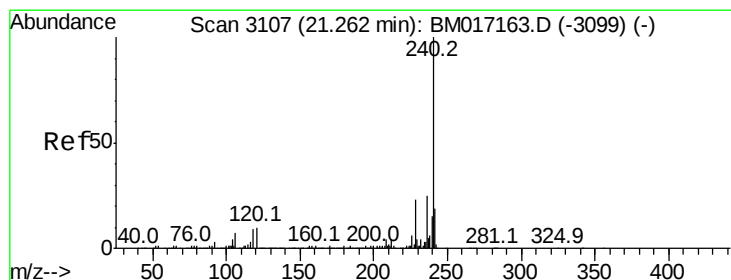
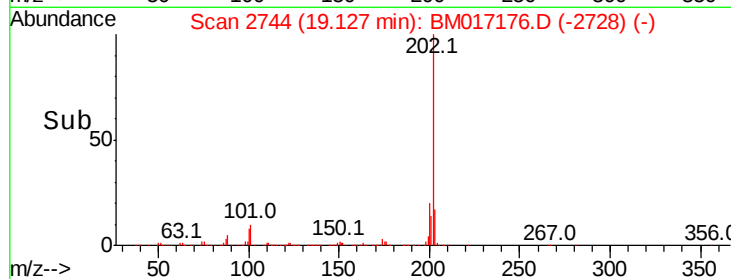
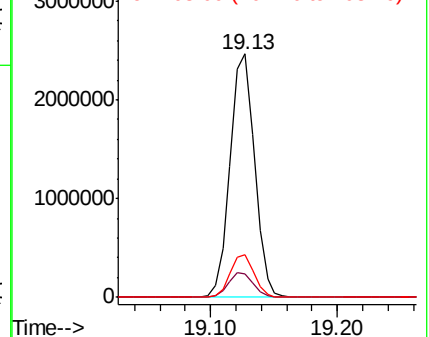
203 17.3 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

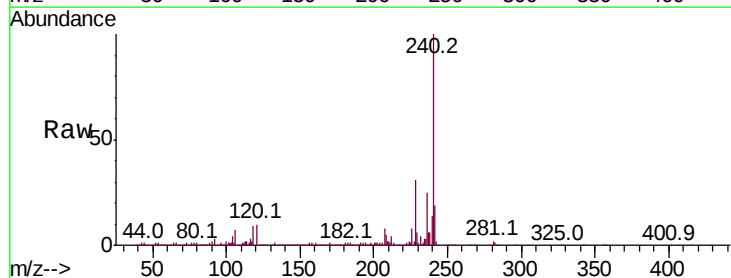
Tgt Ion:240 Resp: 1500124

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

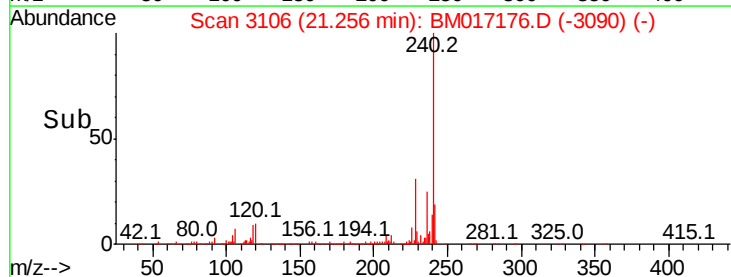
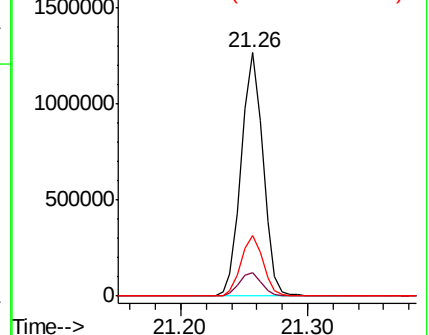
236 24.9 19.9 29.9

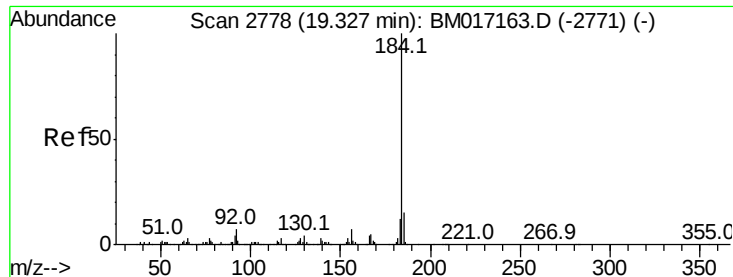


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.392 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

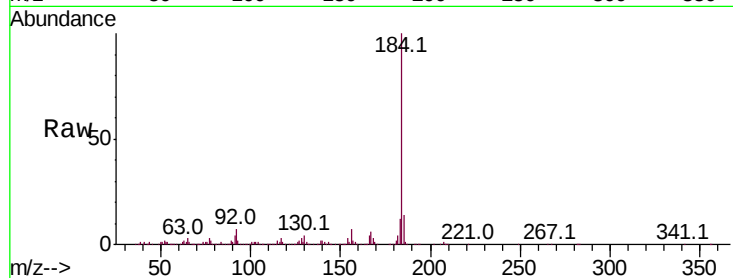
BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 1726610

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.8
183	11.7	9.7	14.5

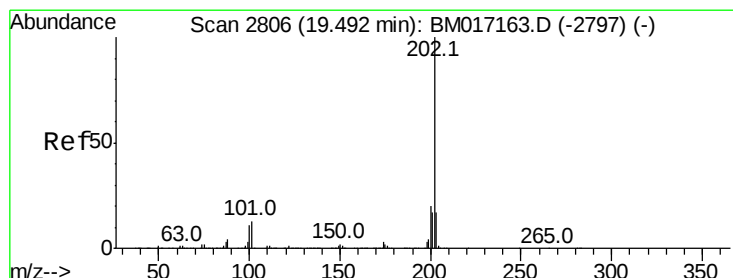
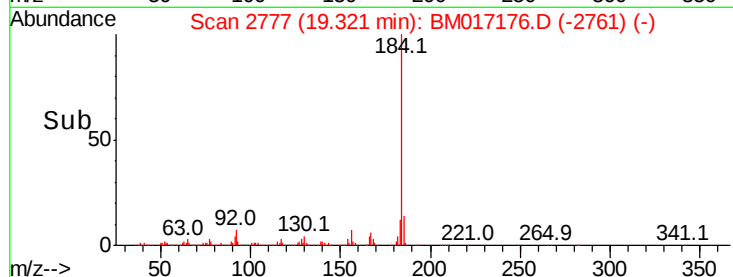
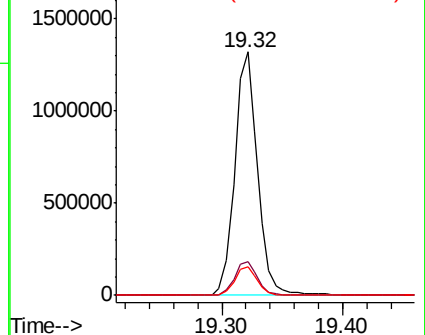


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.432 ng

RT: 19.49 min Scan# 2805

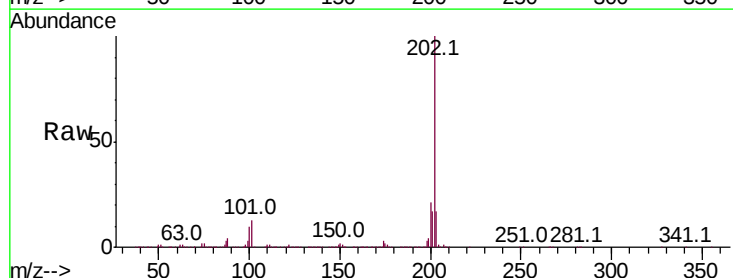
Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Tgt Ion:202 Resp: 3473778

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.4	13.9	20.9

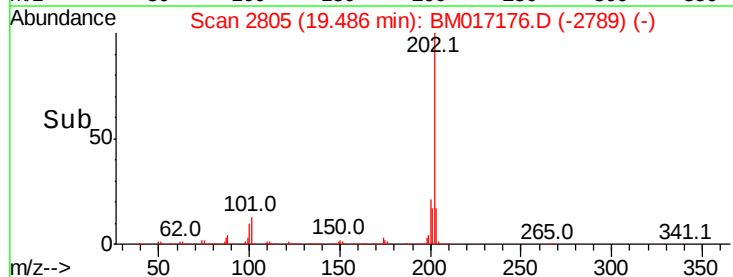
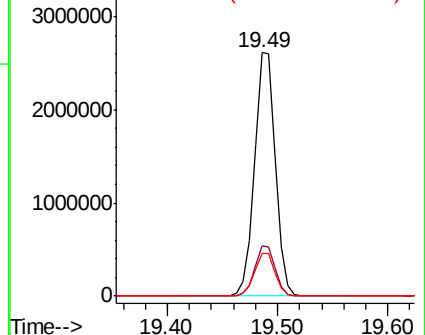


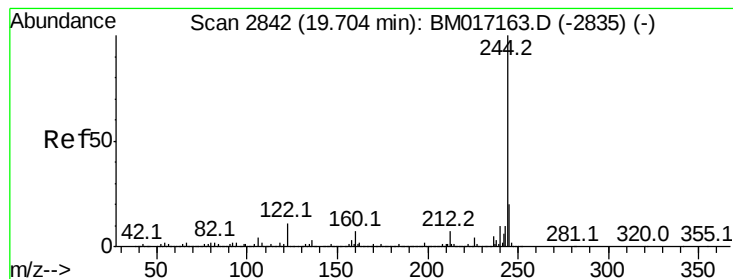
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.083 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

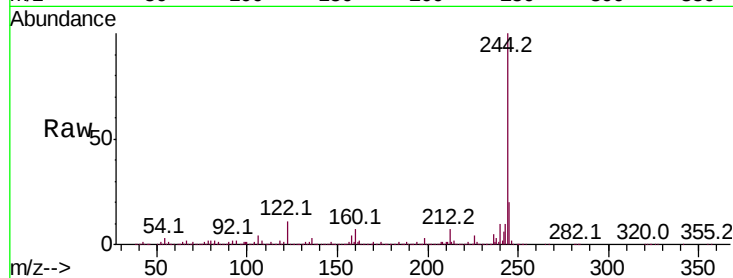
Tot Ion:244 Resp: 5462954

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.9	8.4	12.6

244 100

212 7.2 5.5 8.3

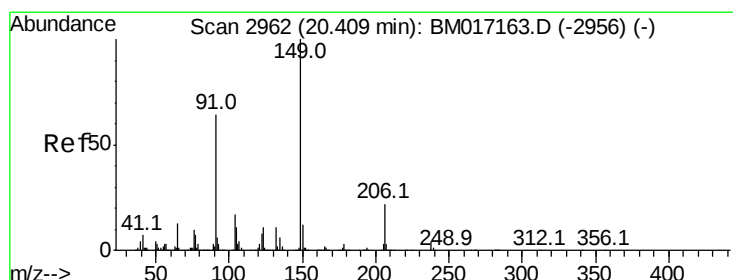
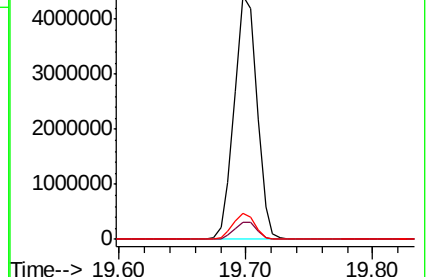
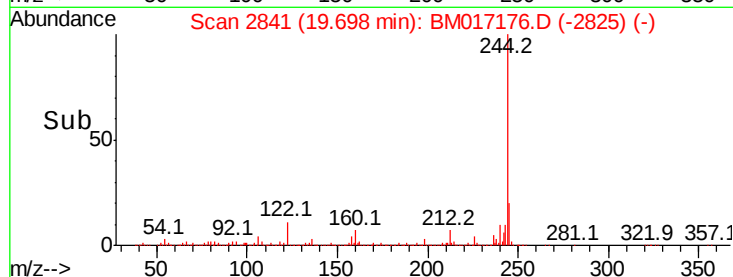
122 10.9 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.845 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

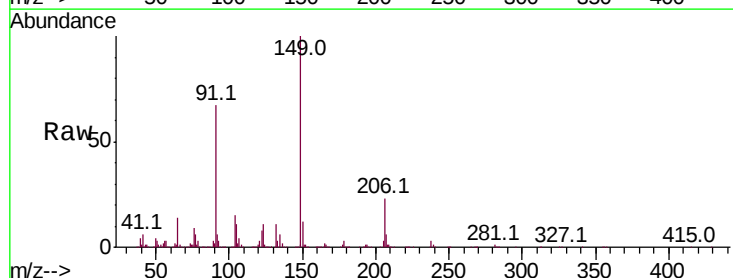
Tgt Ion:149 Resp: 1375565

Ion	Ratio	Lower	Upper
149	100		
91	67.5	51.3	76.9
206	22.7	18.0	27.0

149 100

91 67.5 51.3 76.9

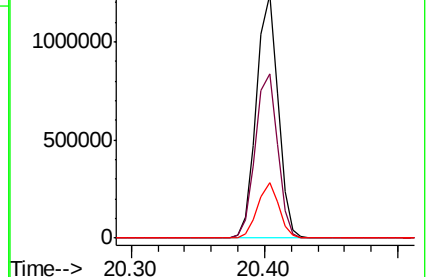
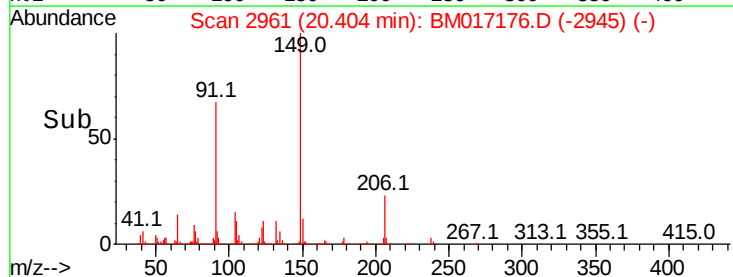
206 22.7 18.0 27.0

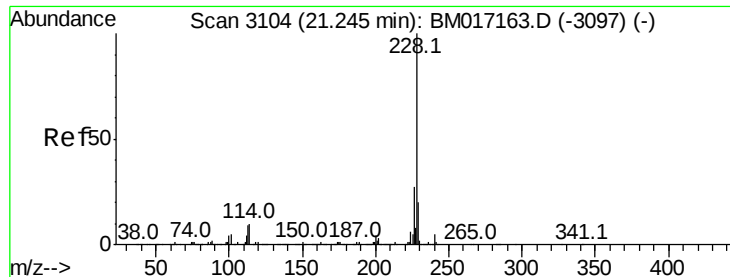


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.420 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

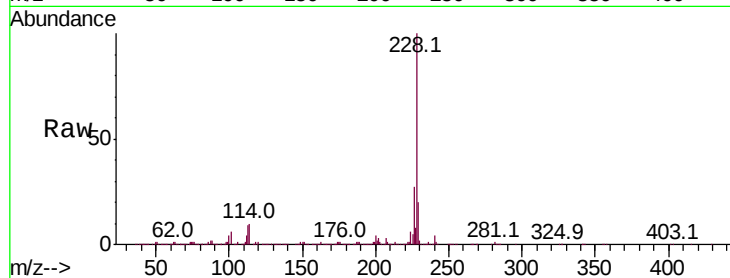
Tot Ion:228 Resp: 3412216

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.0

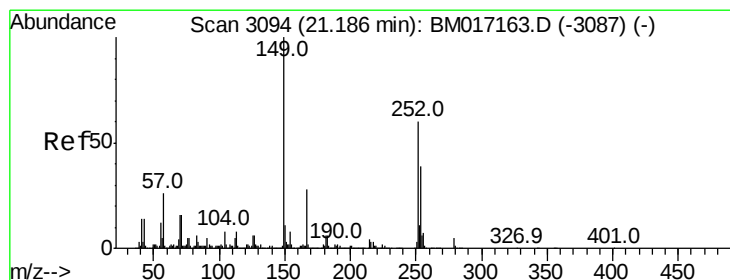
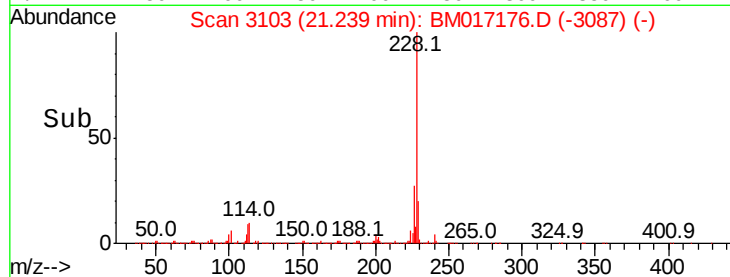
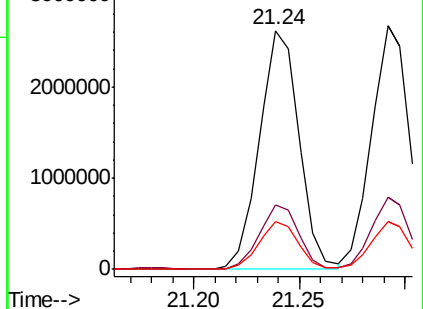
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.606 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

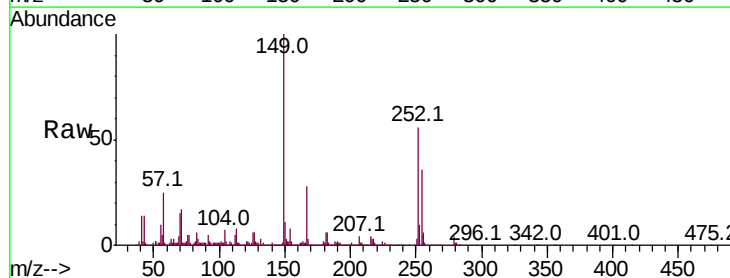
Tgt Ion:252 Resp: 1340517

Ion Ratio Lower Upper

252 100

254 63.2 52.1 78.1

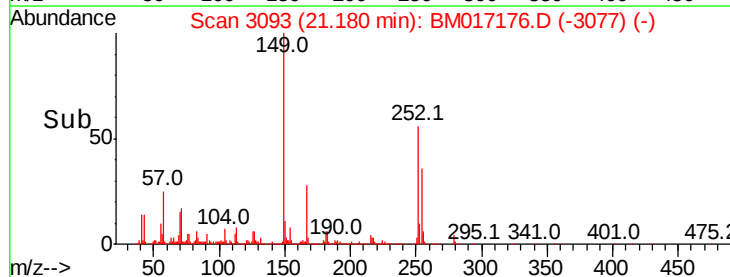
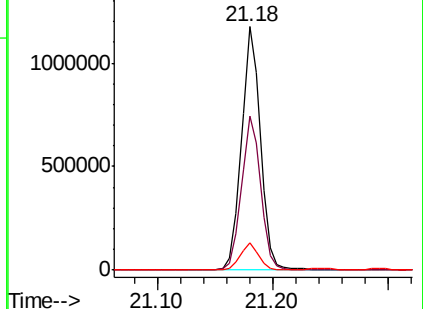
126 11.0 8.6 12.8

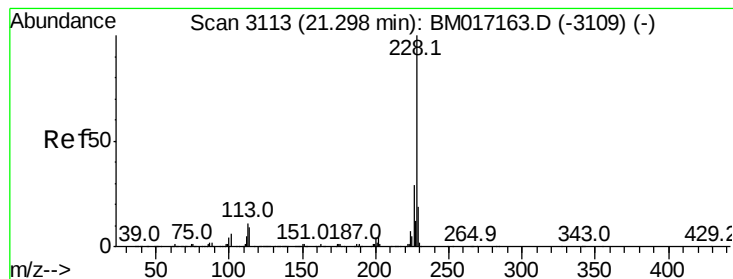


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.952 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

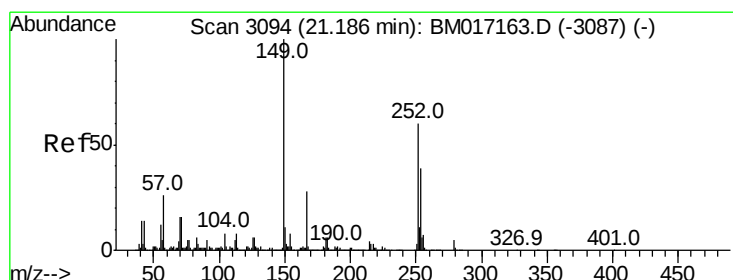
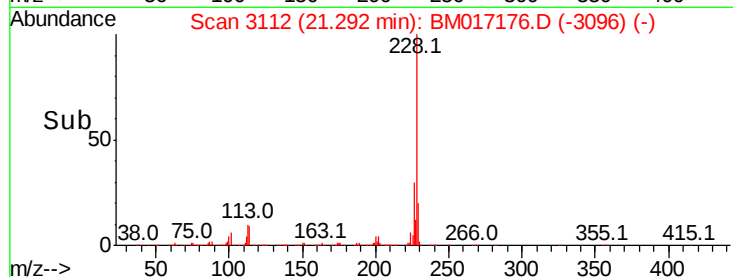
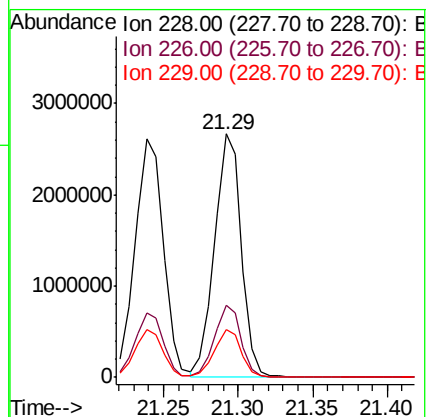
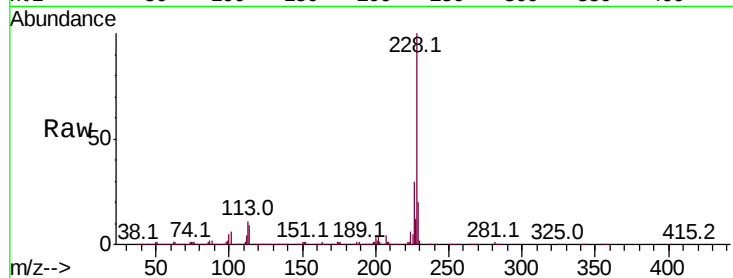
Tot Ion:228 Resp: 3338300

Ion Ratio Lower Upper

228 100

226 29.7 23.3 34.9

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.777 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

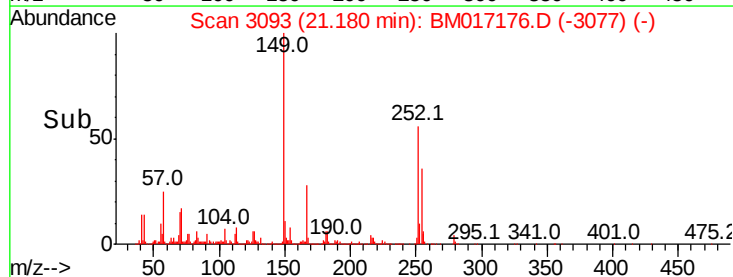
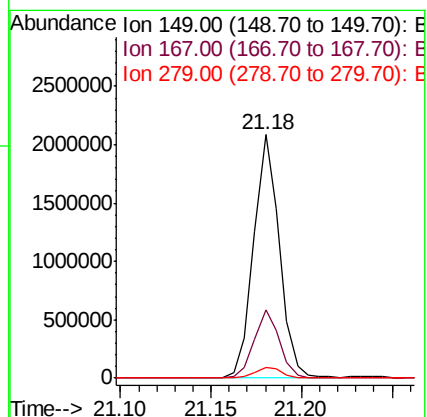
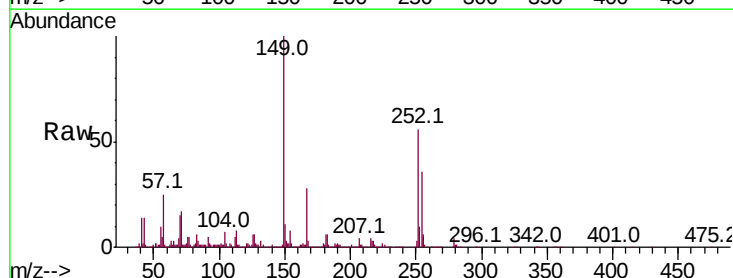
Tgt Ion:149 Resp: 2056432

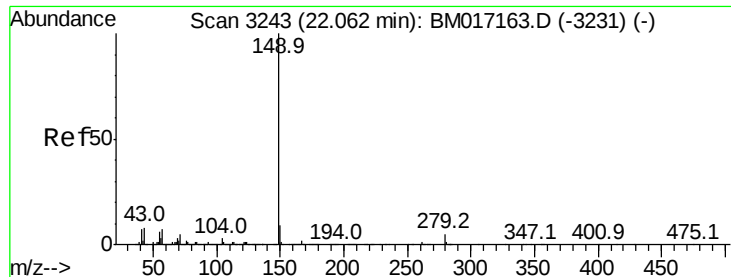
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 41.596 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

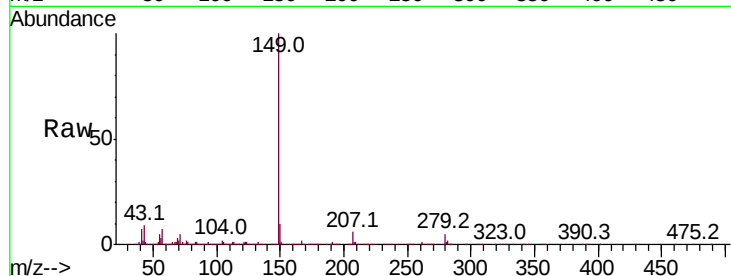
Tot Ion:149 Resp: 3370341

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

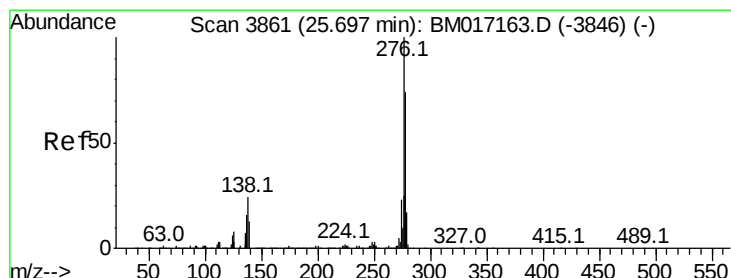
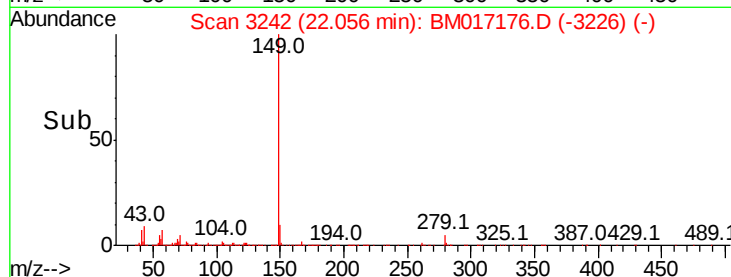
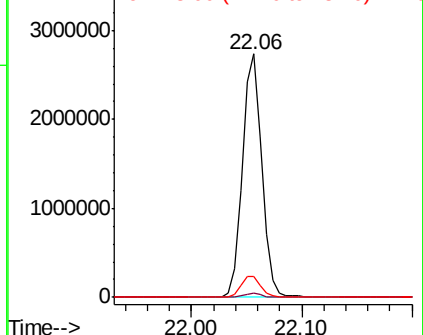
43 9.1 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.358 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

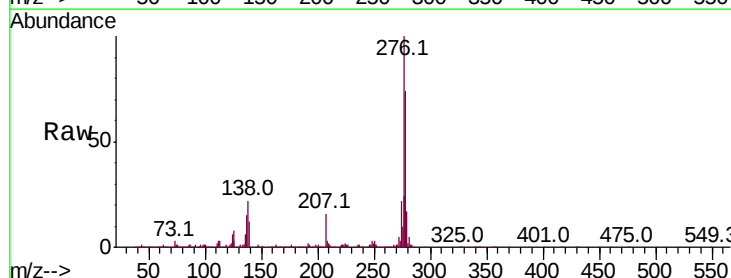
Tgt Ion:276 Resp: 3771701

Ion Ratio Lower Upper

276 100

138 23.1 19.5 29.3

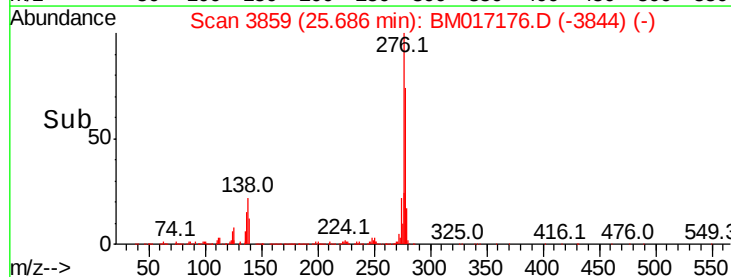
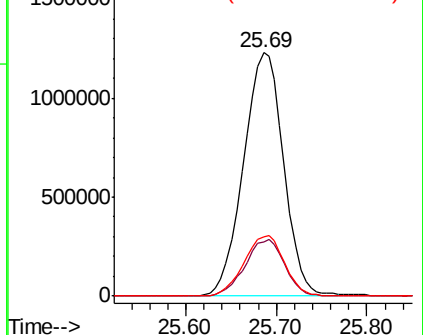
277 25.0 20.1 30.1

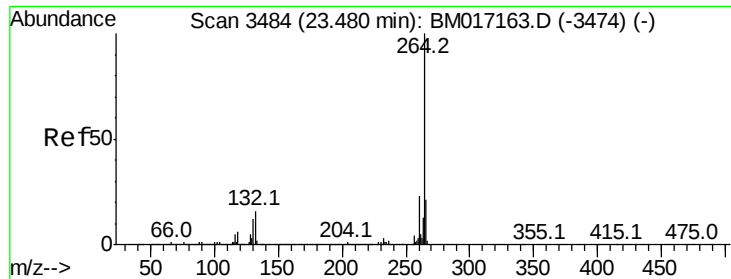


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



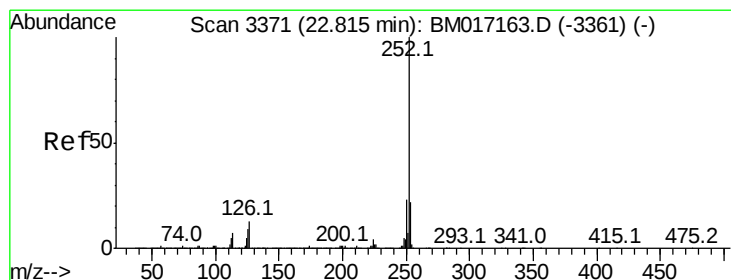
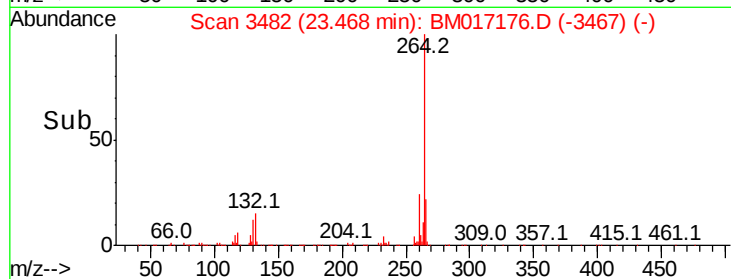
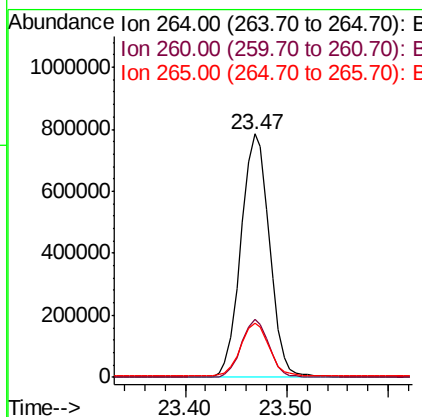
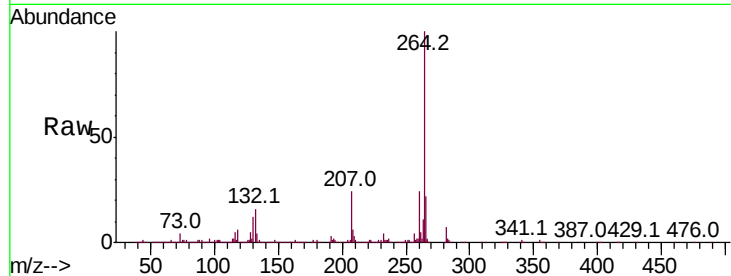


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 1541046

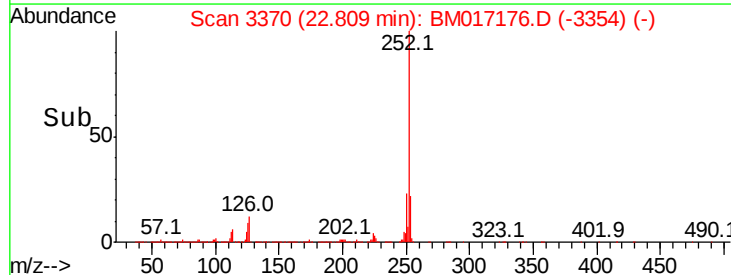
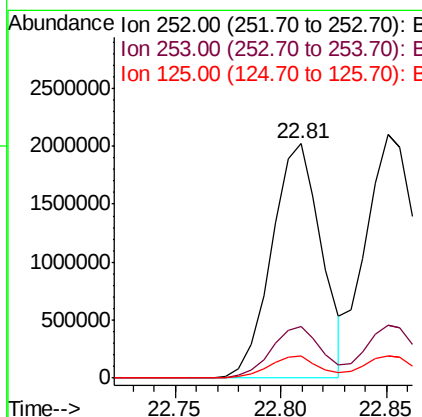
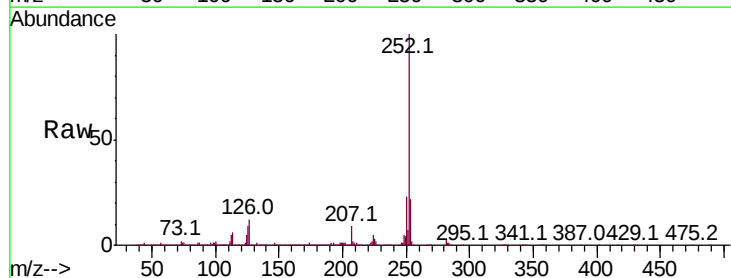
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.4	17.8	26.8

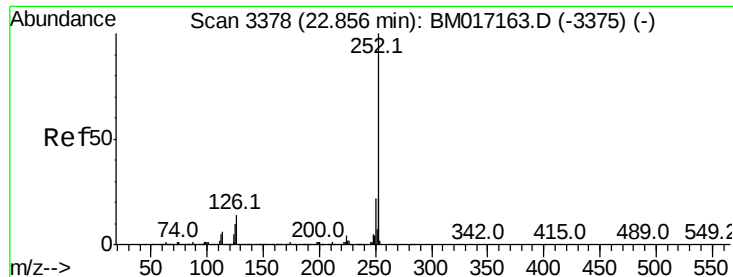


#88
Benzo(b)fluoranthene
Concen: 39.297 ng
RT: 22.81 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM017176.D
Acq: 18 Oct 2018 01:59

Tgt Ion:252 Resp: 3310914

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.2	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 40.787 ng

RT: 22.85 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

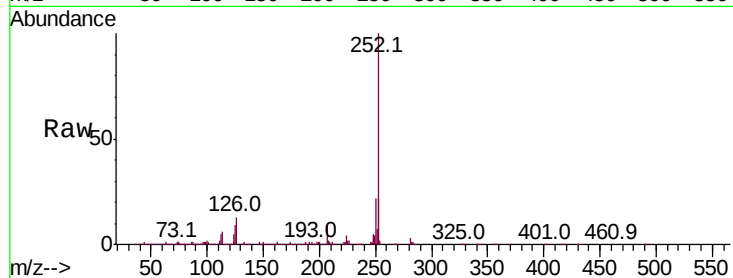
BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 3448227

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.1	8.2	12.2

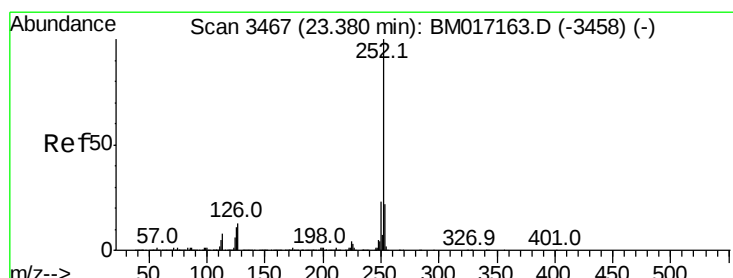
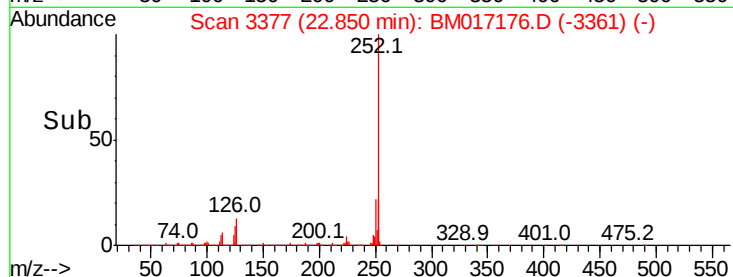
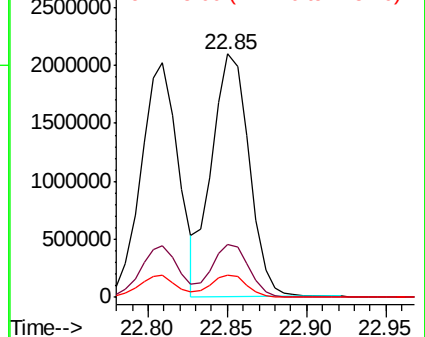


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.157 ng

RT: 23.37 min Scan# 3466

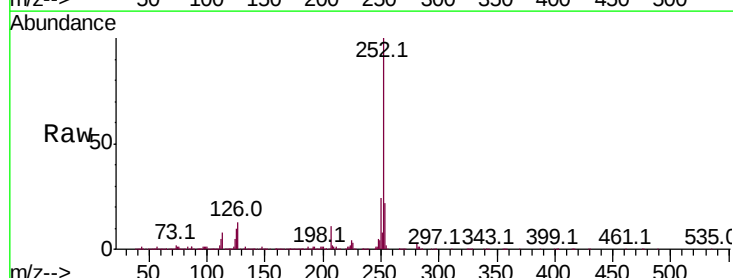
Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Tgt Ion:252 Resp: 3212427

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.1	8.6	13.0

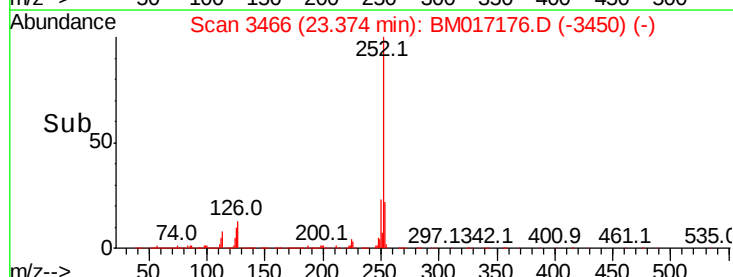
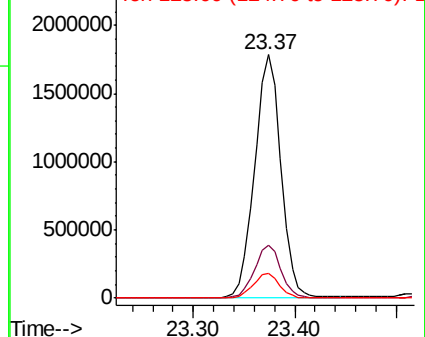


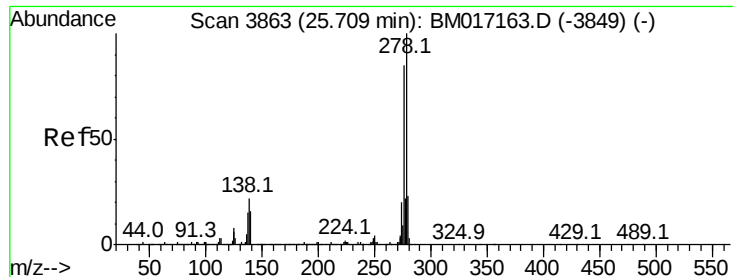
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.147 ng

RT: 25.70 min Scan# 3861

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

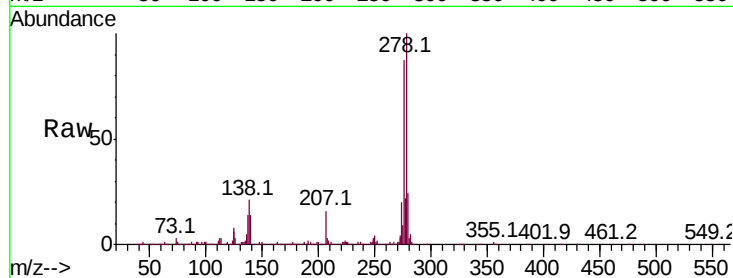
Tot Ion:278 Resp: 3189064

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.7	19.1
279	23.6	18.7	28.1

278 100

139 14.4 12.7 19.1

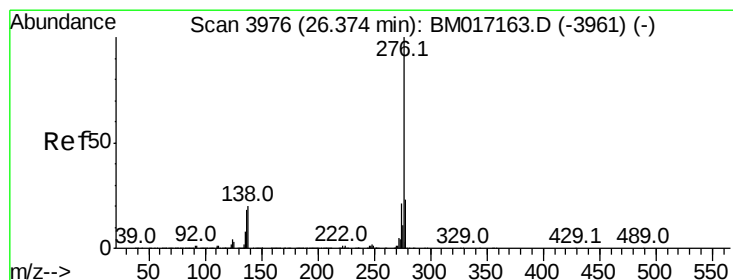
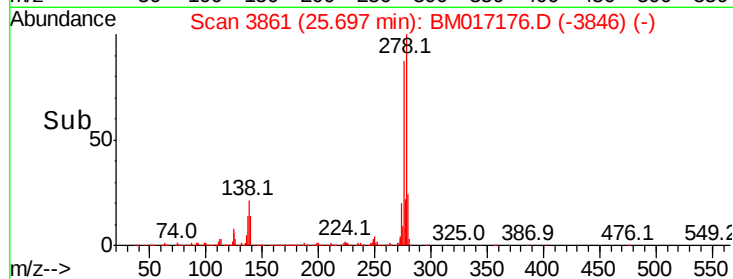
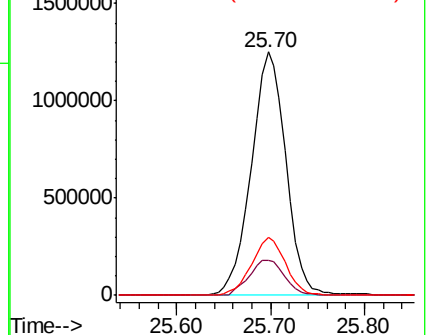
279 23.6 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.717 ng

RT: 26.36 min Scan# 3974

Delta R.T. -0.01 min

Lab File: BM017176.D

Acq: 18 Oct 2018 01:59

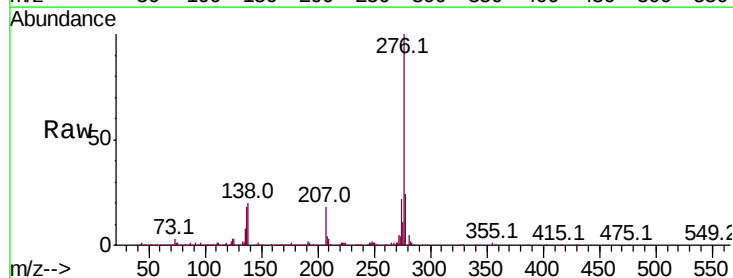
Tgt Ion:276 Resp: 3126854

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	20.5	16.4	24.6

276 100

277 23.9 18.6 28.0

138 20.5 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

