

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101818\
 Data File : BM017217.D
 Acq On : 19 Oct 2018 06:41
 Operator : MJ/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 19 09:57:18 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	324886	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1444235	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	855029	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1894421	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1698468	20.00	ng	0.00
87) Perylene-d12	23.47	264	1528425	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1486572	77.39	ng	0.00
7) Phenol-d6	6.85	99	2061491	78.80	ng	0.00
23) Nitrobenzene-d5	8.83	82	2112095	85.53	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	972854	84.13	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	5182036	80.64	ng	0.00
79) Terphenyl-d14	19.70	244	6954265	92.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	341884	34.855	ng	# 87
3) Pyridine	3.65	79	871518	38.615	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	350861	38.725	ng	# 68
6) Aniline	7.01	93	1282240	39.185	ng	97
8) 2-Chlorophenol	7.24	128	888165	39.967	ng	98
9) Benzaldehyde	6.83	77	625241	37.482	ng	95
10) Phenol	6.88	94	1085697	38.560	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	878812	39.154	ng	100
12) 1,3-Dichlorobenzene	7.56	146	1010760	39.018	ng	97
13) 1,4-Dichlorobenzene	7.70	146	1024702	38.717	ng	97
14) 1,2-Dichlorobenzene	8.02	146	991492	38.882	ng	98
15) Benzyl Alcohol	7.92	79	832693	43.545	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1177386	37.547	ng	99
17) 2-Methylphenol	8.12	107	732846	40.551	ng	97
18) Hexachloroethane	8.73	117	365310	40.332	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	743919	43.185	ng	99
20) 3+4-Methylphenols	8.45	107	1026964	41.548	ng	97
22) Acetophenone	8.49	105	1444114	39.446	ng	# 98
24) Nitrobenzene	8.87	77	1069464	40.943	ng	95
25) Isophorone	9.39	82	1690366	41.454	ng	99
26) 2-Nitrophenol	9.57	139	520890	43.250	ng	94
27) 2,4-Dimethylphenol	9.63	122	747178	41.439	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1161382	40.466	ng	99
29) 2,4-Dichlorophenol	10.10	162	901096	43.043	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	1012576	40.320	ng	98
31) Naphthalene	10.50	128	2769105	39.125	ng	99
32) Benzoic acid	9.80	122	625046	46.460	ng	91
33) 4-Chloroaniline	10.62	127	1261062	41.255	ng	97
34) Hexachlorobutadiene	10.77	225	655973	41.224	ng	99
35) Caprolactam	11.42	113	301684	39.542	ng	96
36) 4-Chloro-3-methylphenol	11.75	107	1005590	42.614	ng	96
37) 2-Methylnaphthalene	12.12	142	2008406	41.468	ng	98
38) 1-Methylnaphthalene	12.33	142	1938455	41.123	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1215211	40.357	ng	99

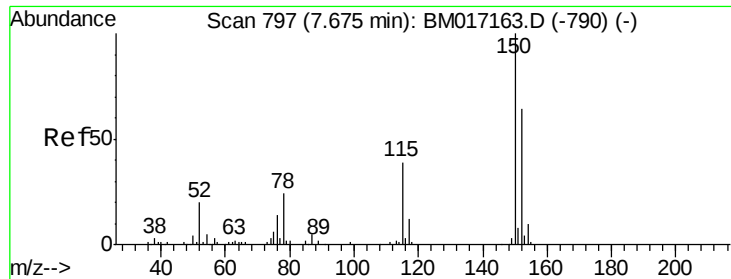
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101818\
 Data File : BM017217.D
 Acq On : 19 Oct 2018 06:41
 Operator : MJ/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 19 09:57:18 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)
41) Hexachlorocyclopentadiene	12.46	237	706681	48.546	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	769828	44.041	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	802933	42.837	ng	97
46) 1,1'-Biphenyl	13.14	154	3070844	39.910	ng	99
47) 2-Chloronaphthalene	13.18	162	2261365	39.950	ng	99
48) 2-Nitroaniline	13.39	65	658322	41.976	ng	97
49) Acenaphthylene	14.03	152	3375669	41.142	ng	100
50) Dimethylphthalate	13.78	163	2691534	40.802	ng	99
51) 2,6-Dinitrotoluene	13.90	165	607503	41.842	ng	96
52) Acenaphthene	14.38	154	2061287	40.012	ng	98
53) 3-Nitroaniline	14.23	138	640584	40.738	ng	94
54) 2,4-Dinitrophenol	14.44	184	333515	43.356	ng	96
55) Dibenzofuran	14.72	168	3370654	39.345	ng	98
56) 4-Nitrophenol	14.54	139	512806	38.390	ng	92
57) 2,4-Dinitrotoluene	14.69	165	828865	42.476	ng	99
58) Fluorene	15.37	166	2531754	39.926	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.94	232	738589	43.228	ng	98
60) Diethylphthalate	15.15	149	2773782	42.400	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1455806	40.271	ng	96
62) 4-Nitroaniline	15.40	138	662085	38.746	ng	93
63) Azobenzene	15.66	77	2586900	40.683	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	521121	43.591	ng	94
66) n-Nitrosodiphenylamine	15.58	169	2434670	42.478	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	905755	43.544	ng	93
68) Hexachlorobenzene	16.37	284	995120	41.185	ng	100
69) Atrazine	16.54	200	876341	42.720	ng	98
70) Pentachlorophenol	16.71	266	705522	42.625	ng	99
71) Phenanthrene	17.10	178	4006133	39.195	ng	100
72) Anthracene	17.20	178	3955571	40.729	ng	100
73) Carbazole	17.47	167	3907316	39.386	ng	99
74) Di-n-butylphthalate	18.04	149	4437814	42.412	ng	99
75) Fluoranthene	19.12	202	4347972	37.804	ng	99
77) Benzidine	19.32	184	2061656	47.871	ng	99
78) Pyrene	19.49	202	4498252	47.386	ng	100
80) Butylbenzylphthalate	20.40	149	1728223	47.866	ng	96
81) Benzo(a)anthracene	21.24	228	3878059	40.574	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	1486246	41.722	ng	100
83) Chrysene	21.29	228	3712487	39.242	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	2360465	43.294	ng	98
85) Di-n-octyl phthalate	22.06	149	3594399	39.504	ng	100
86) Indeno(1,2,3-cd)pyrene	25.69	276	3626413	34.272	ng	99
88) Benzo(b)fluoranthene	22.81	252	3357002	40.173	ng	99
89) Benzo(k)fluoranthene	22.85	252	3464931	41.323	ng	99
90) Benzo(a)pyrene	23.37	252	3224880	40.645	ng	99
91) Dibenzo(a,h)anthracene	25.70	278	3072044	38.993	ng	99
92) Benzo(g,h,i)perylene	26.36	276	3032695	38.839	ng	98

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

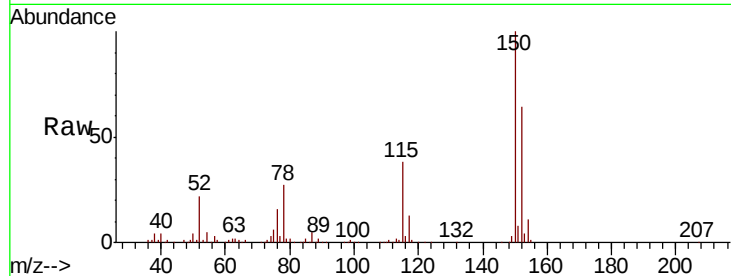


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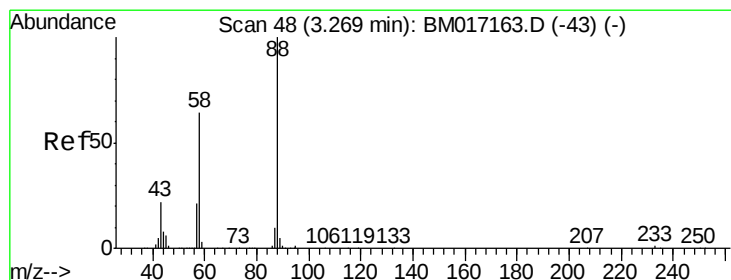
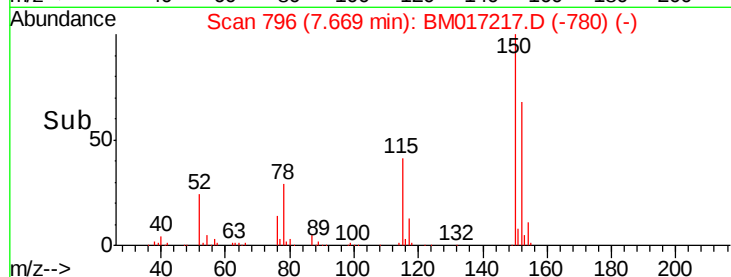
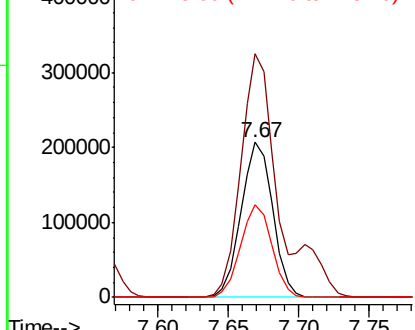
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 324886
Ion Ratio Lower Upper
152 100
150 156.9 124.3 186.5
115 59.8 48.1 72.1



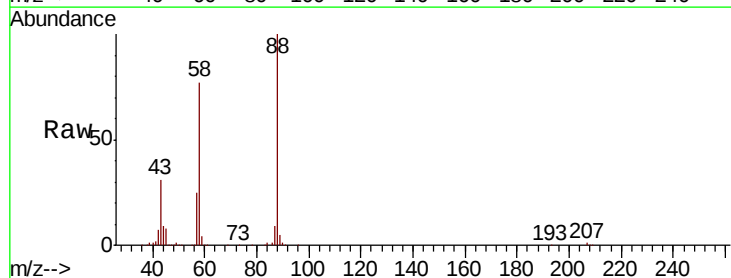
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



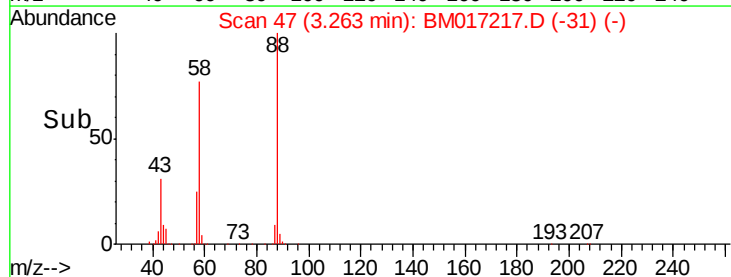
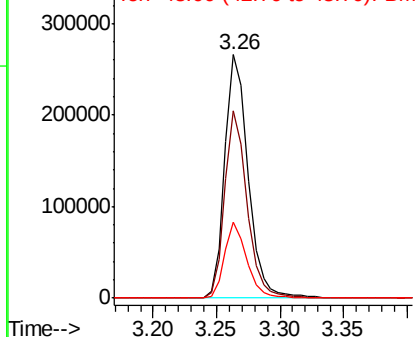
#2

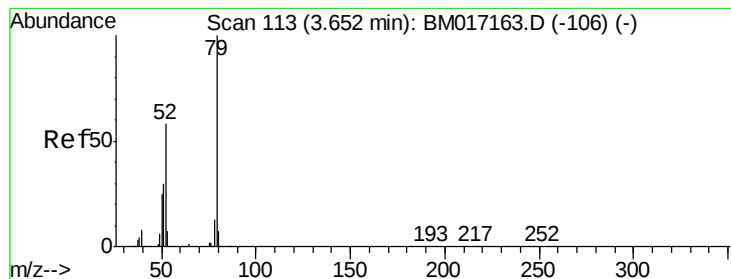
1,4-Dioxane
Concen: 34.855 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion: 88 Resp: 341884
Ion Ratio Lower Upper
88 100
58 73.3 50.2 75.4
43 29.8 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

Pvridine

Concen: 38.615 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

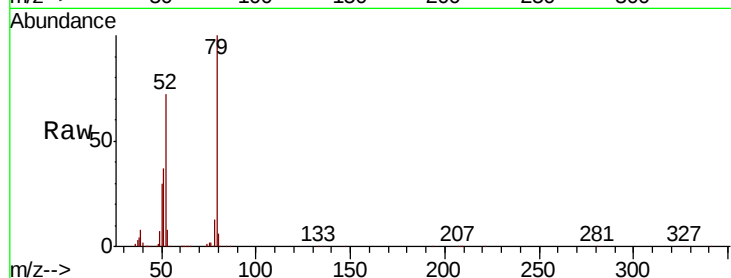
Tot Ion: 79 Resp: 871518

Ion Ratio Lower Upper

79 100

52 72.4 46.5 69.7#

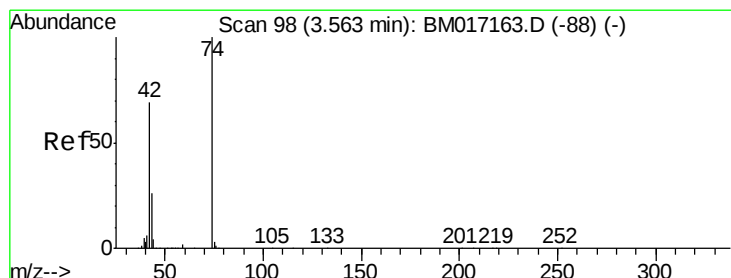
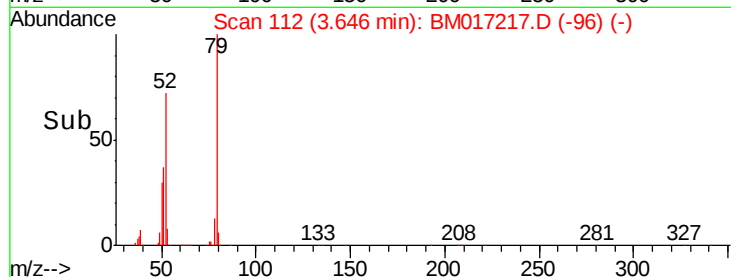
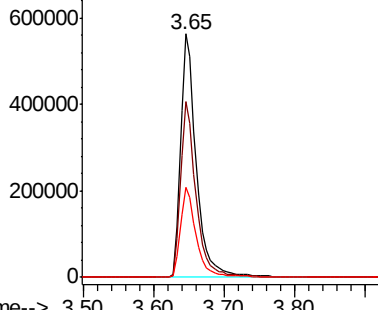
51 36.9 24.6 37.0



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: 38.725 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

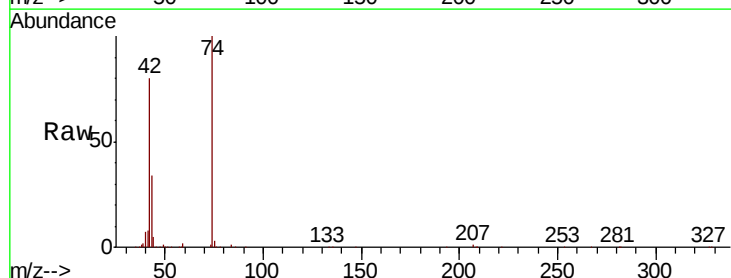
Tgt Ion: 42 Resp: 350861

Ion Ratio Lower Upper

42 100

74 124.5 114.4 171.6

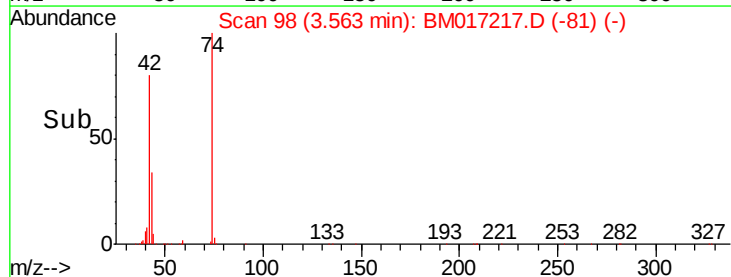
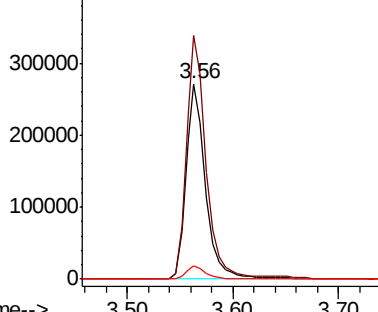
44 6.5 48.6 73.0#

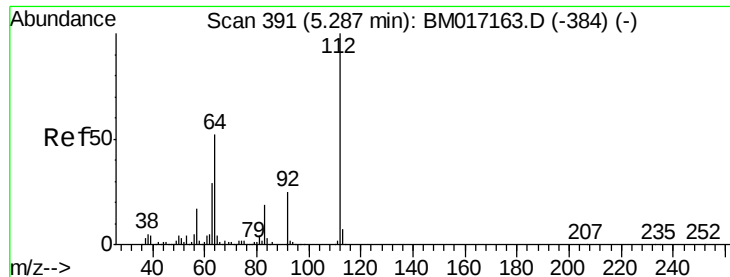


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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: 77.390 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampled :

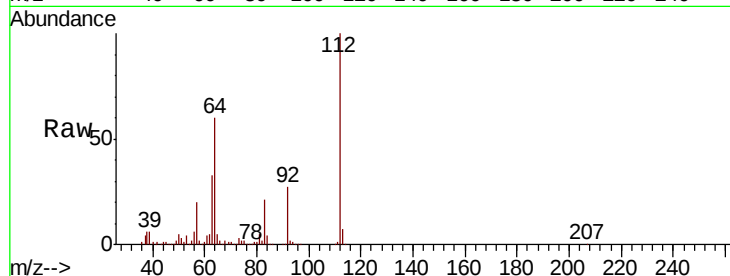
Tot Ion:112 Resp: 1486572

Ion Ratio Lower Upper

112 100

64 59.9 41.7 62.5

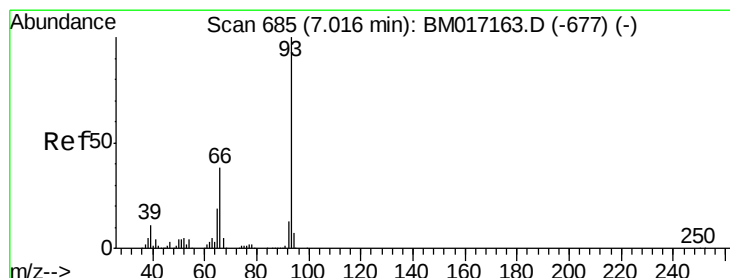
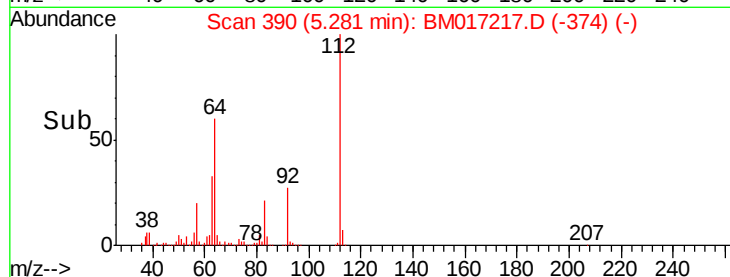
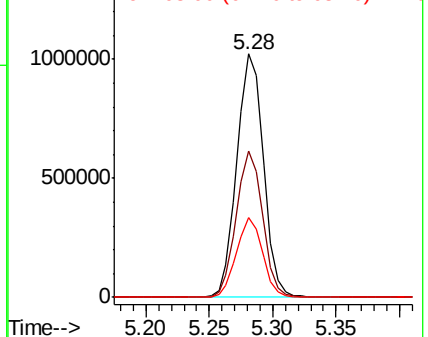
63 32.8 23.0 34.4



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: 39.185 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

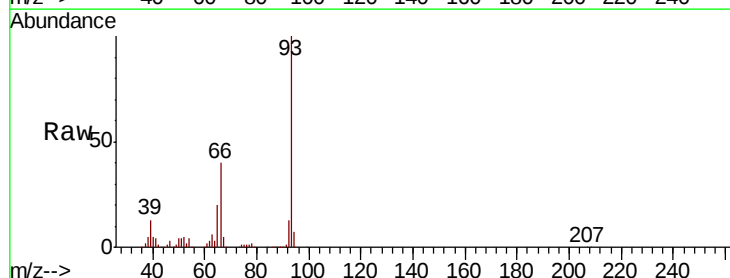
Tgt Ion: 93 Resp: 1282240

Ion Ratio Lower Upper

93 100

66 39.9 30.4 45.6

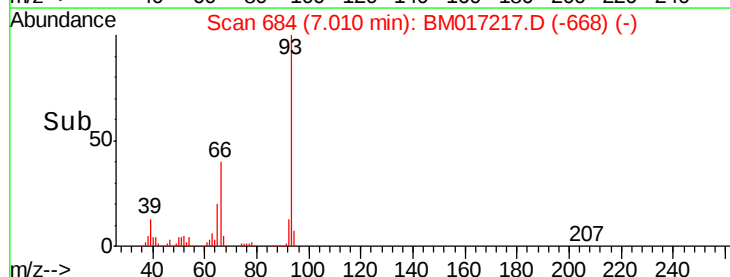
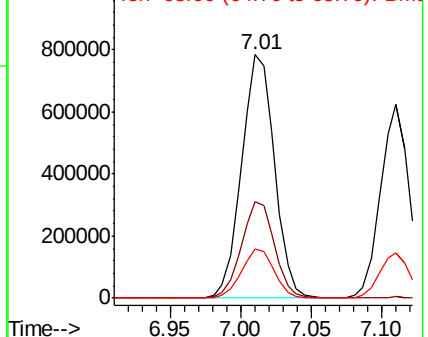
65 19.9 15.3 22.9

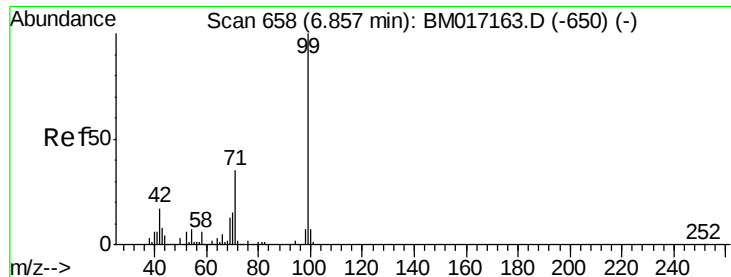


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 78.799 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

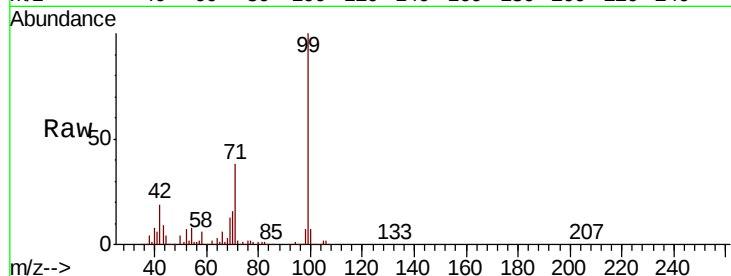
Tot Ion: 99 Resp: 2061491

Ion Ratio Lower Upper

99 100

42 18.7 13.3 19.9

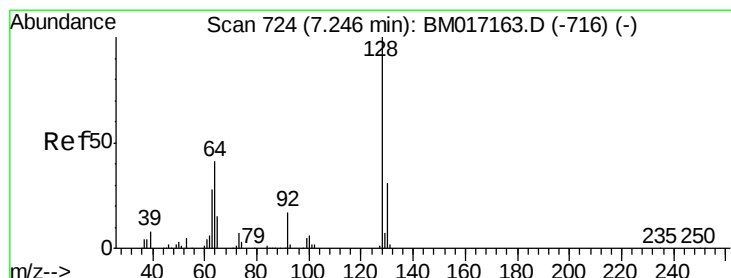
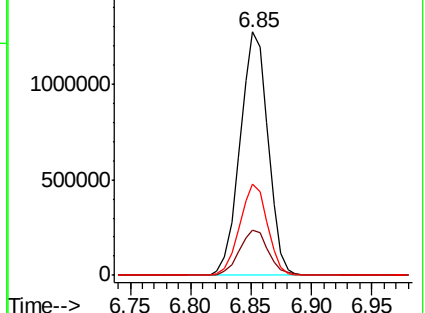
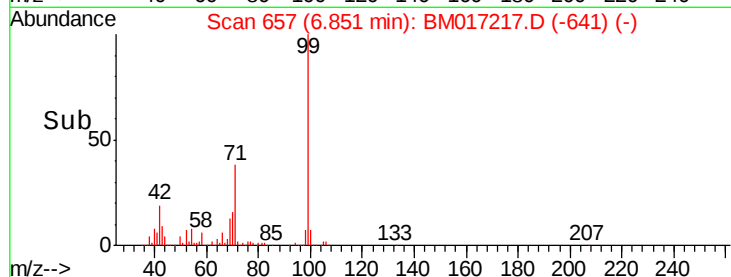
71 37.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017217.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017217.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017217.D (-641) (-)



#8

2-Chlorophenol

Concen: 39.967 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

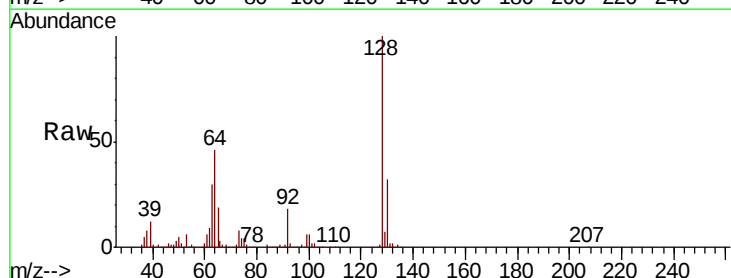
Tgt Ion:128 Resp: 888165

Ion Ratio Lower Upper

128 100

130 32.0 11.0 51.0

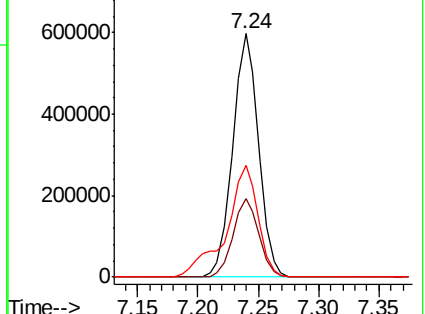
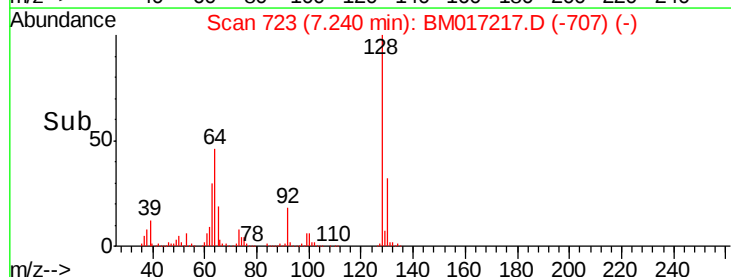
64 45.9 24.1 64.1

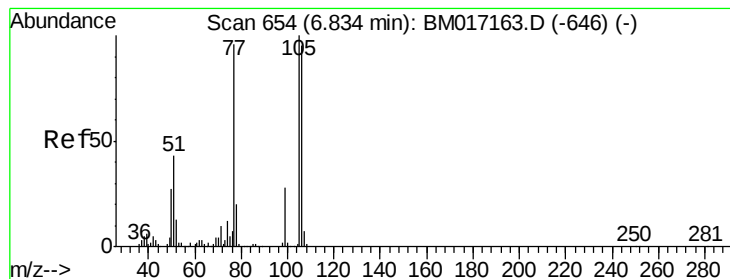


Abundance Ion 128.00 (127.70 to 128.70): BM017217.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM017217.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM017217.D (-707) (-)





#9

Benzaldehyde

Concen: 37.482 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampled :

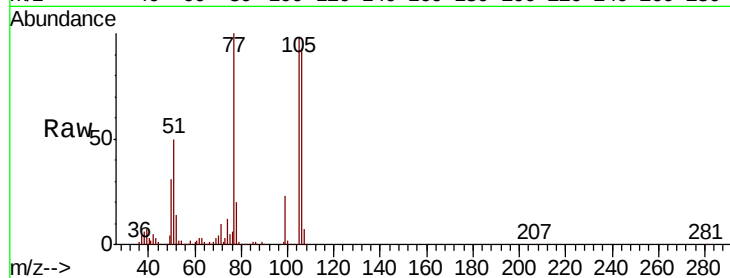
Tot Ion: 77 Resp: 625241

Ion Ratio Lower Upper

77 100

105 98.0 83.9 123.9

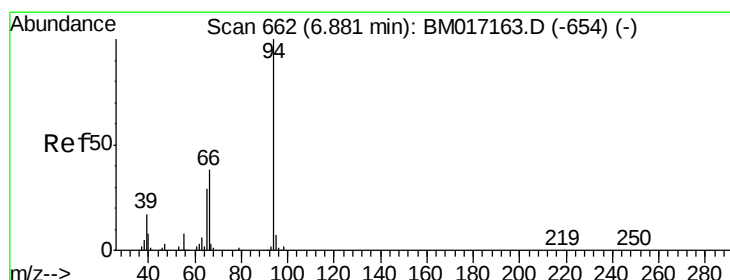
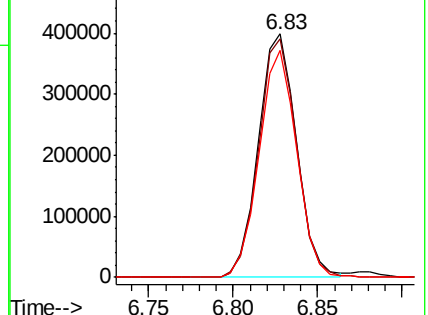
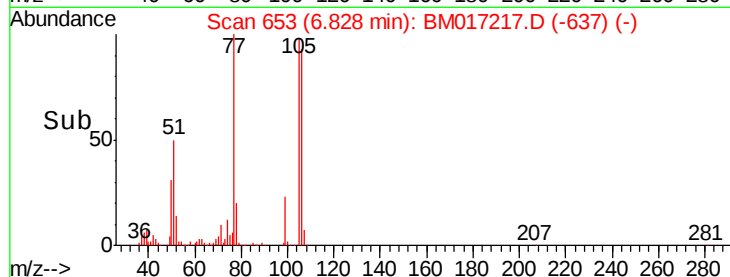
106 93.1 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017217.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM017217.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM017217.D (-637) (-)



#10

Phenol

Concen: 38.560 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

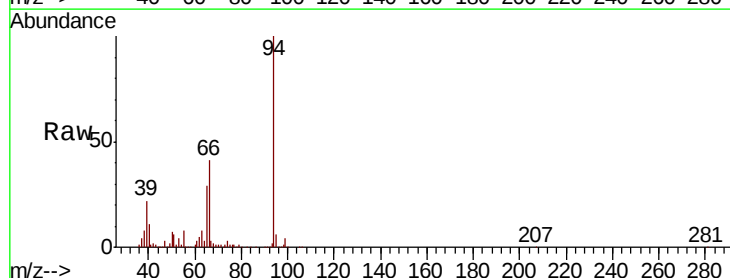
Tgt Ion: 94 Resp: 1085697

Ion Ratio Lower Upper

94 100

65 28.9 9.4 49.4

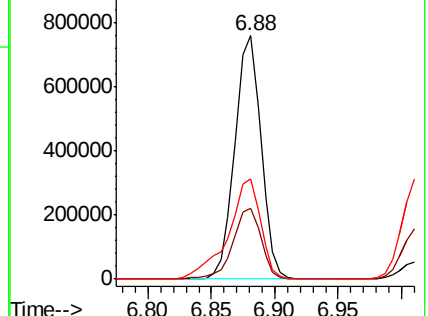
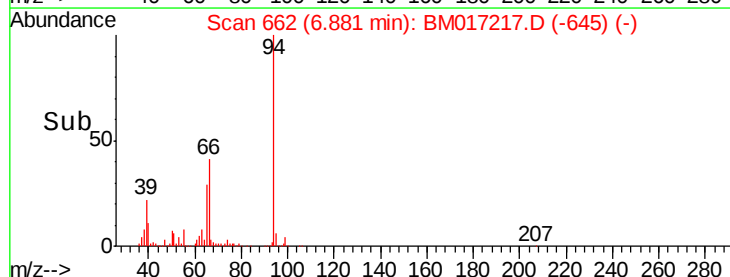
66 40.9 19.0 59.0

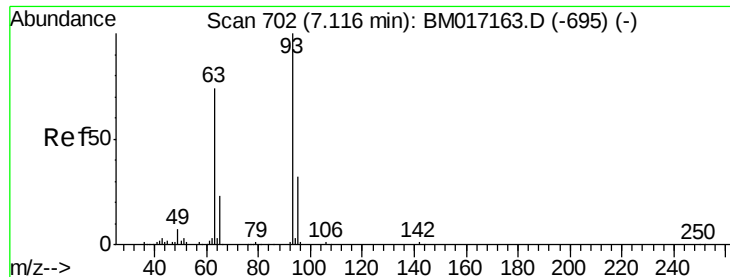


Abundance Ion 94.00 (93.70 to 94.70): BM017217.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017217.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017217.D (-645) (-)

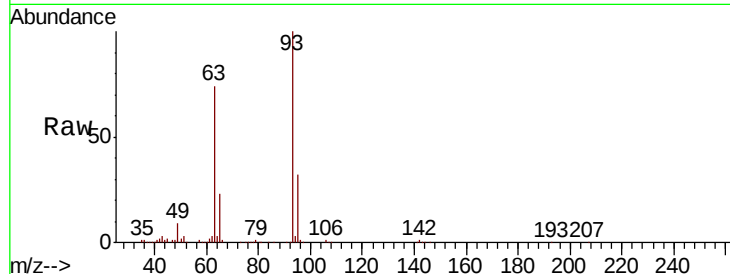




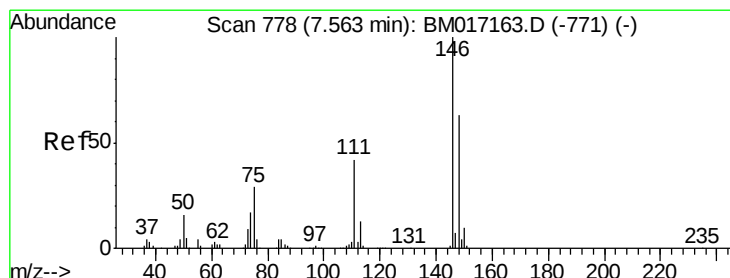
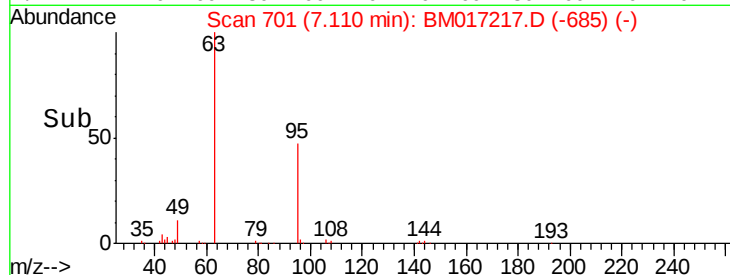
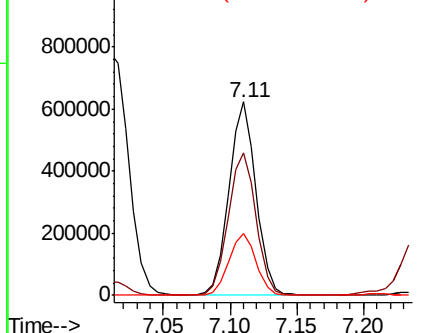
#11
bis(2-Chloroethyl)ether
Concen: 39.154 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Instrument :
BNA_M
ClientSampled :

Tot Ion: 93 Resp: 878812
Ion Ratio Lower Upper
93 100
63 74.0 54.0 94.0
95 31.7 11.8 51.8

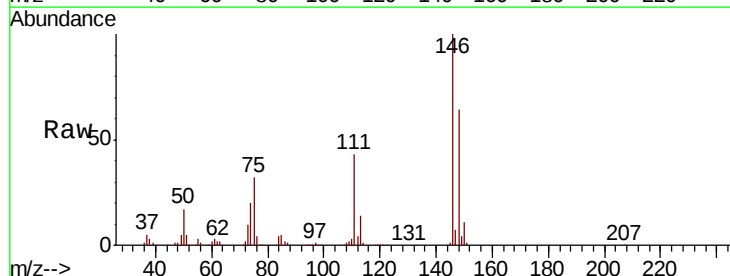


Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0

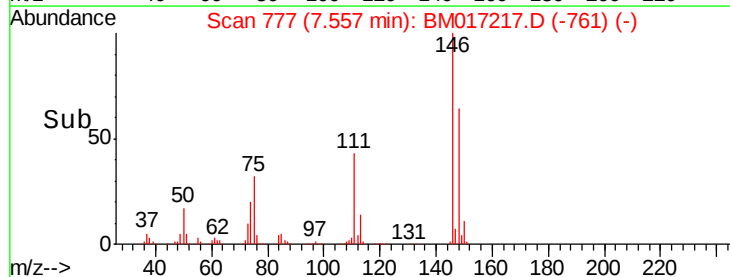
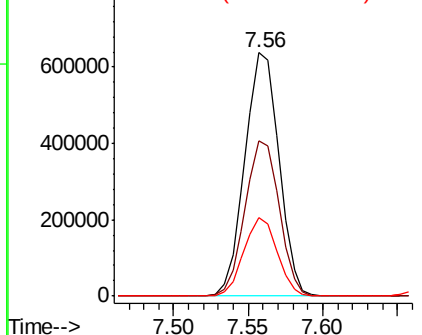


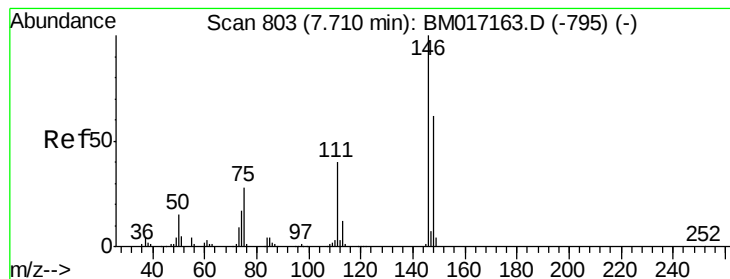
#12
1,3-Dichlorobenzene
Concen: 39.018 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion: 146 Resp: 1010760
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.4
75 32.5 23.3 34.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BM0





#13

1,4-Dichlorobenzene

Concen: 38.717 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

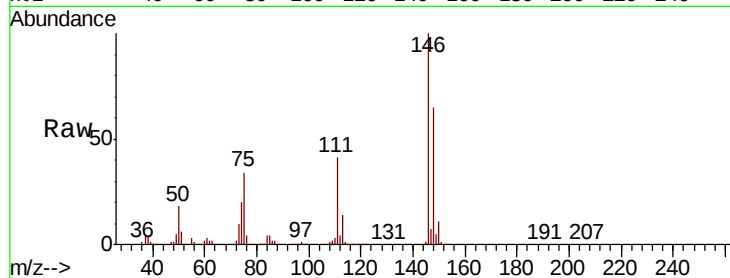
Tot Ion:146 Resp: 1024702

Ion Ratio Lower Upper

146 100

148 65.1 49.8 74.6

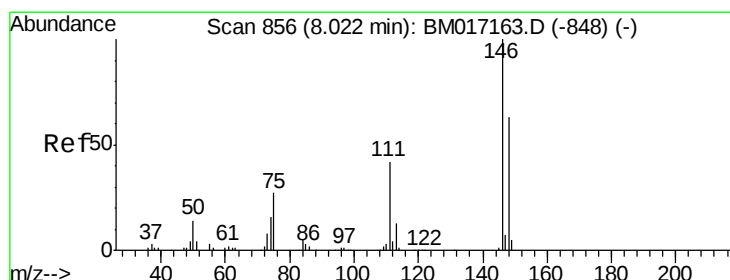
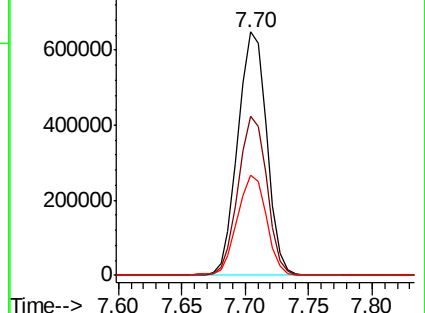
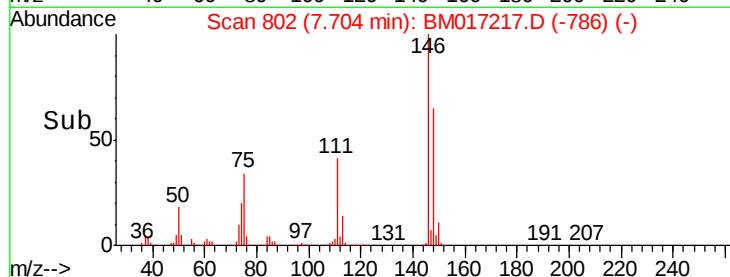
111 41.4 32.1 48.1



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: 38.882 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

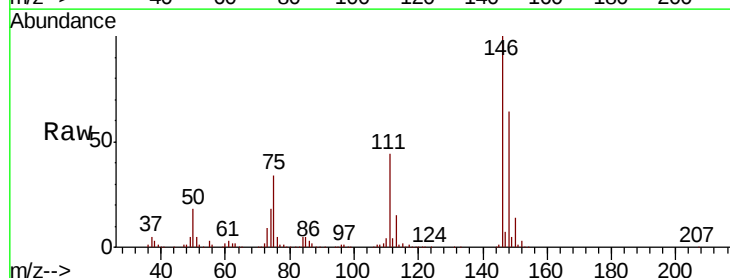
Tgt Ion:146 Resp: 991492

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

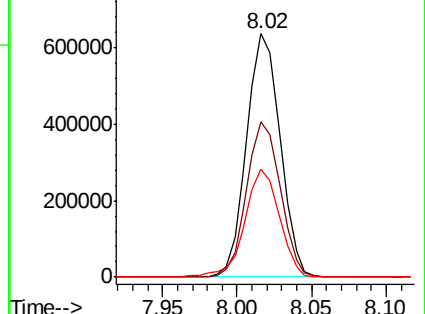
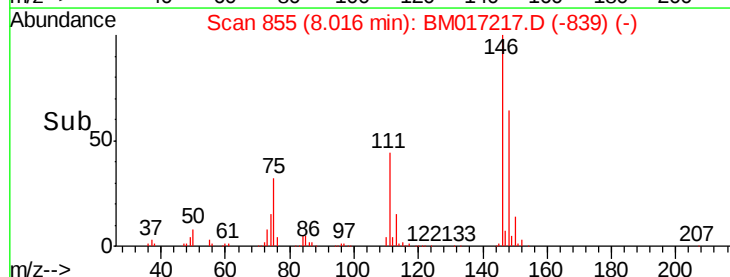
111 44.3 33.8 50.6



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: 43.545 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

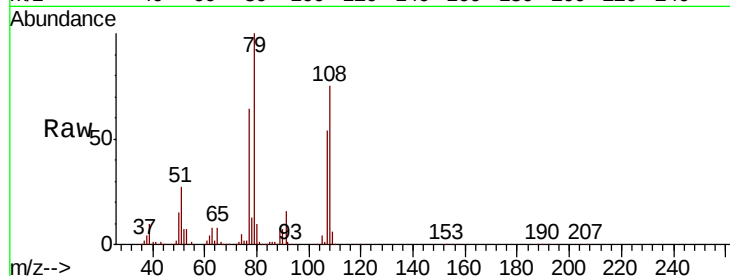
Tot Ion: 79 Resp: 832693

Ion Ratio Lower Upper

79 100

108 74.9 60.3 90.5

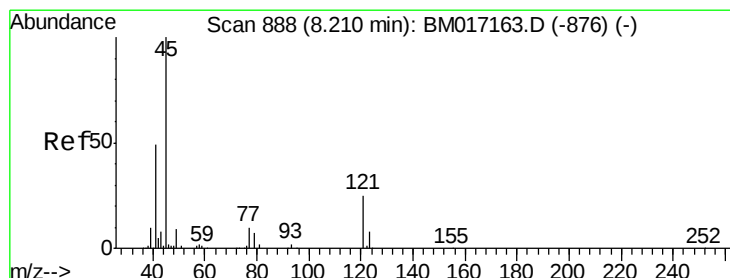
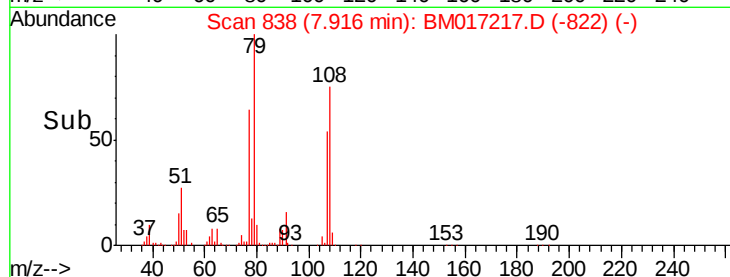
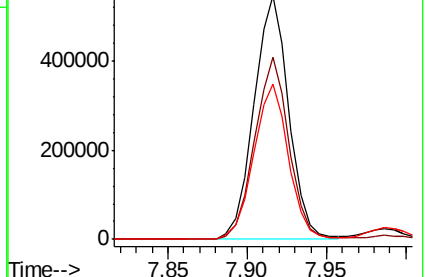
77 64.0 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017217.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017217.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017217.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.547 ng

RT: 8.20 min Scan# 887

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

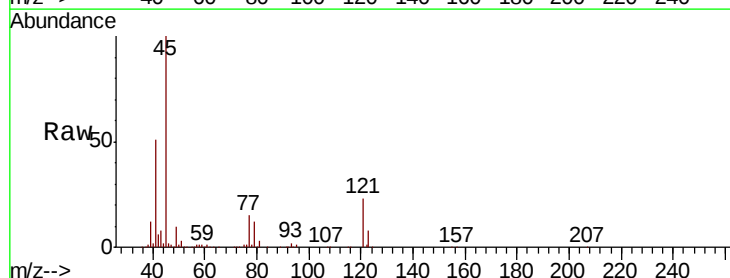
Tgt Ion: 45 Resp: 1177386

Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.5

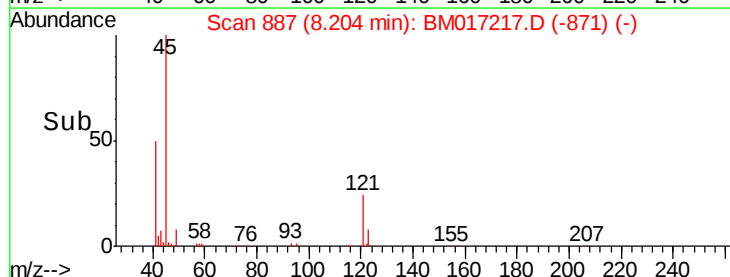
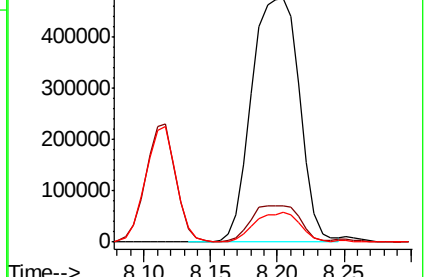
79 12.3 0.0 32.1



Abundance Ion 45.00 (44.70 to 45.70): BM017217.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017217.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017217.D (-876) (-)





#17

2-Methylphenol

Concen: 40.551 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 732846

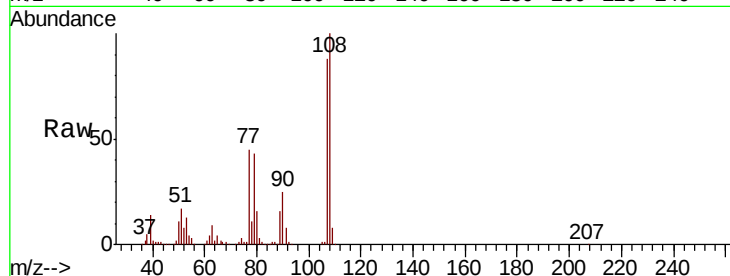
Ion Ratio Lower Upper

107 100

108 113.1 90.3 135.5

77 50.3 37.0 55.4

79 48.9 35.8 53.6

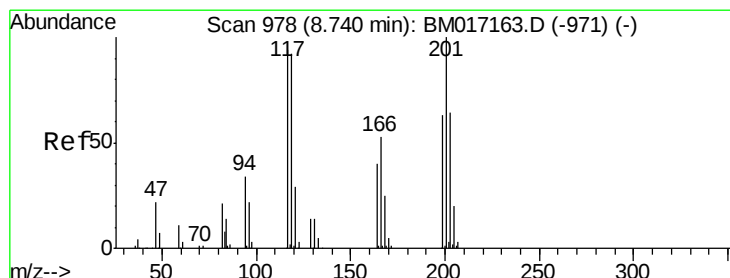
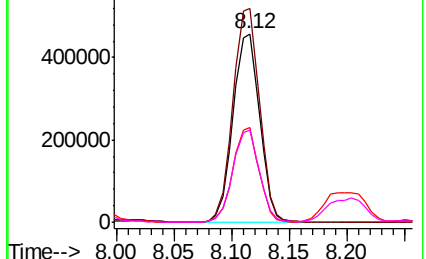
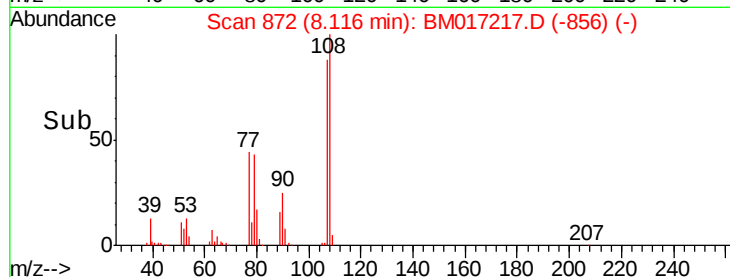


Abundance Ion 107.00 (106.70 to 107.70): E

800000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 40.332 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

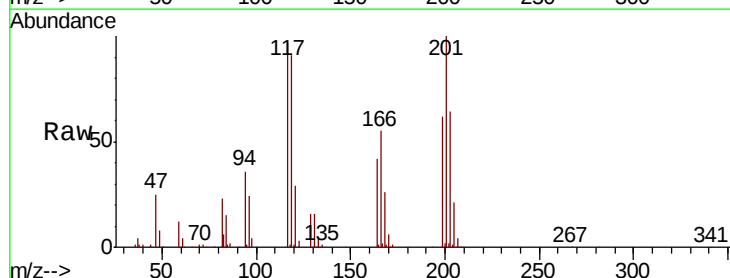
Tgt Ion:117 Resp: 365310

Ion Ratio Lower Upper

117 100

119 94.6 78.2 117.2

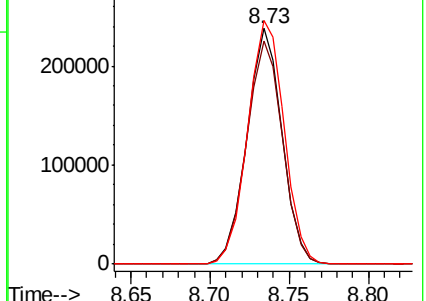
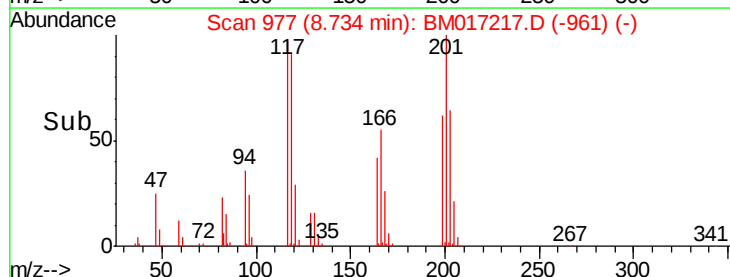
201 103.4 85.3 127.9

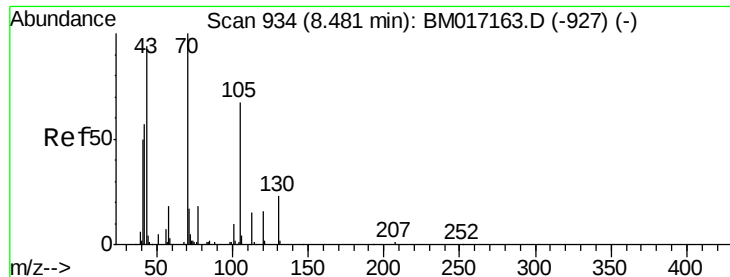


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

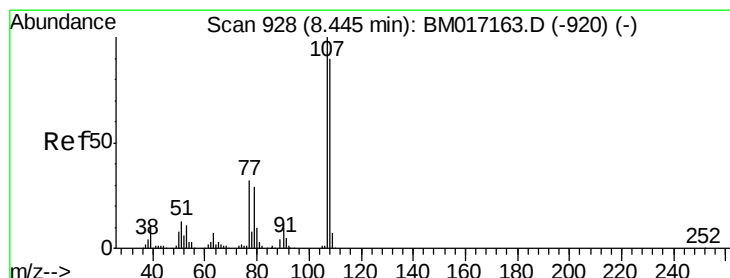
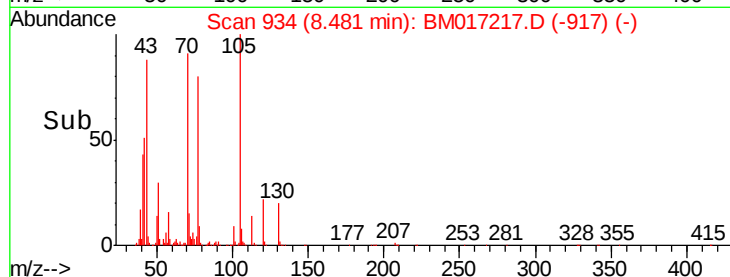
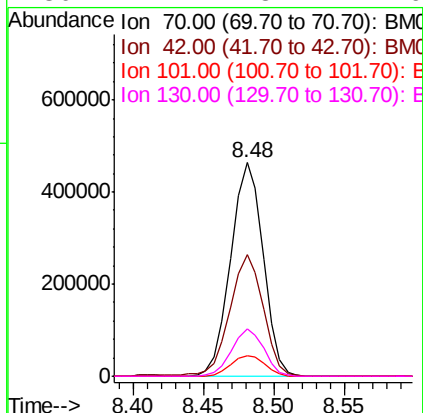
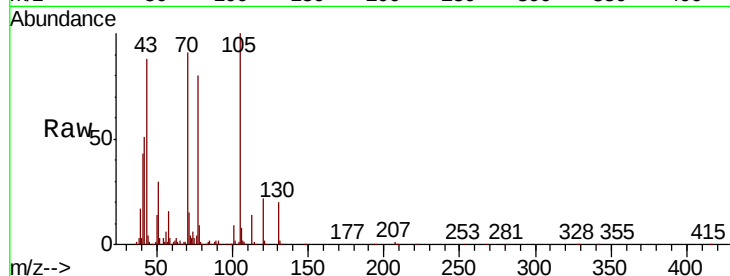




#19
 n-Nitroso-di-n-propylamine
 Concen: 43.185 ng
 RT: 8.48 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

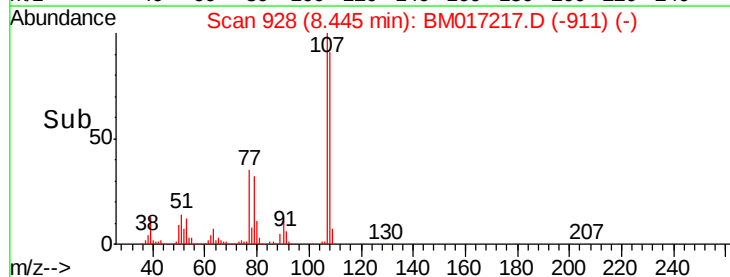
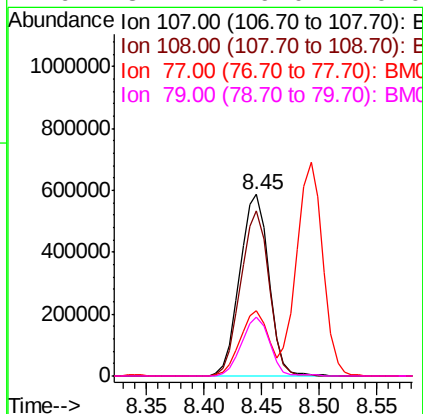
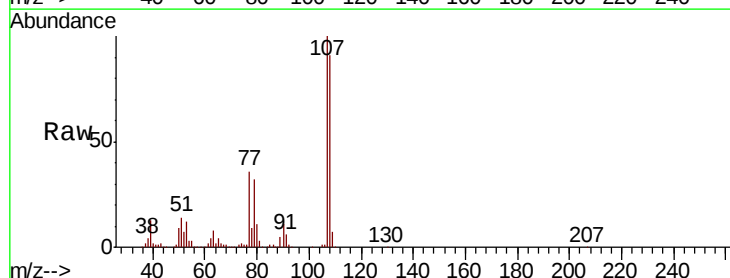
Instrument :
 BNA_M
 ClientSampleId :

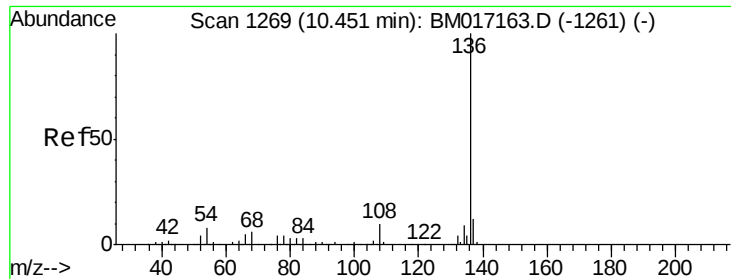
Tot Ion:	70	Resp:	743919
Ion	Ratio	Lower	Upper
70	100		
42	56.8	46.1	69.1
101	9.7	8.2	12.4
130	22.2	18.4	27.6



#20
 3+4-Methylphenols
 Concen: 41.548 ng
 RT: 8.45 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

Tgt Ion:	107	Resp:	1026964
Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.9	109.9
77	35.6	12.2	52.2
79	32.4	9.0	49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1444235

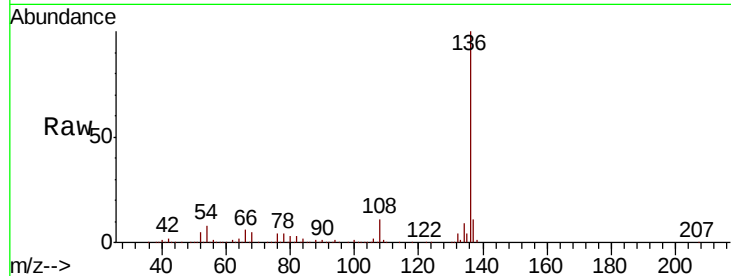
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 8.0 6.7 10.1

68 5.3 4.7 7.1

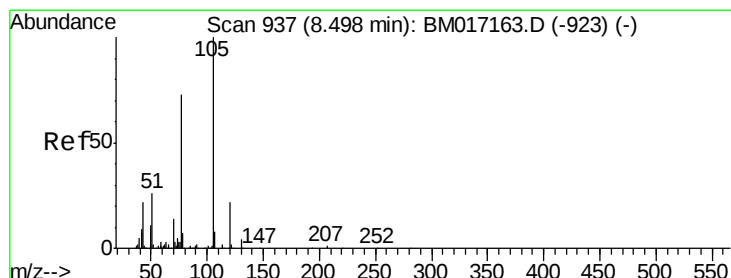
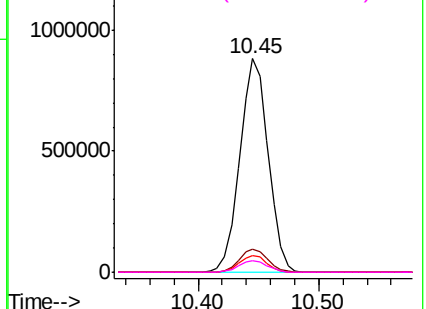
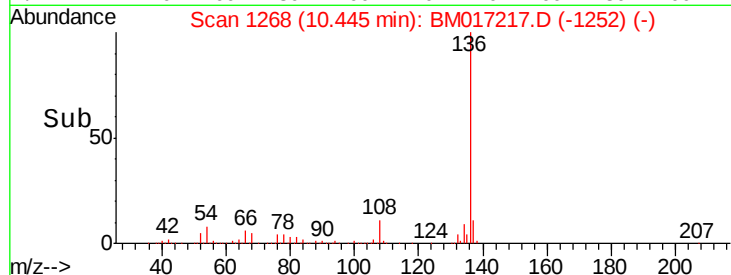


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 39.446 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Tgt Ion:105 Resp: 1444114

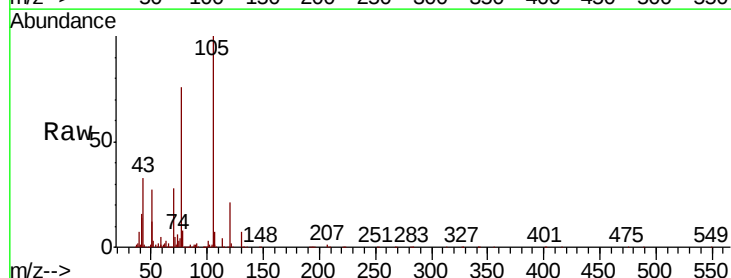
Ion Ratio Lower Upper

105 100

71 4.6 2.0 3.0#

51 26.8 20.6 31.0

120 21.3 17.5 26.3

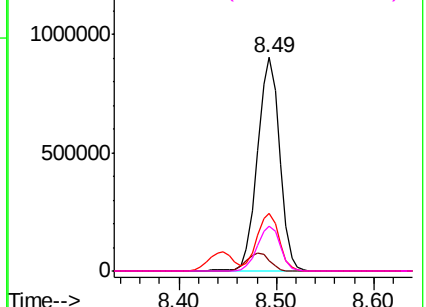
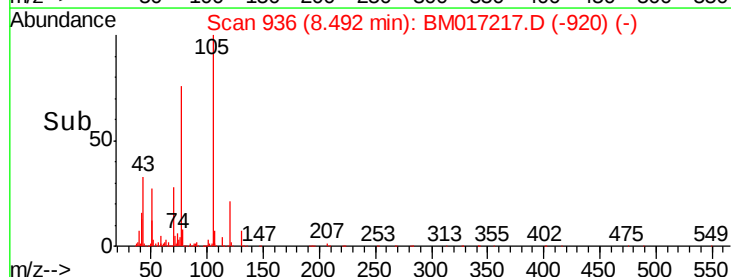


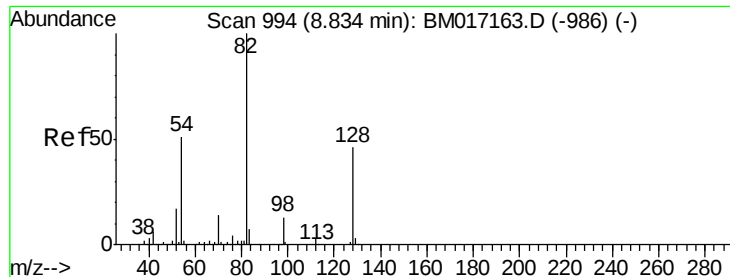
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

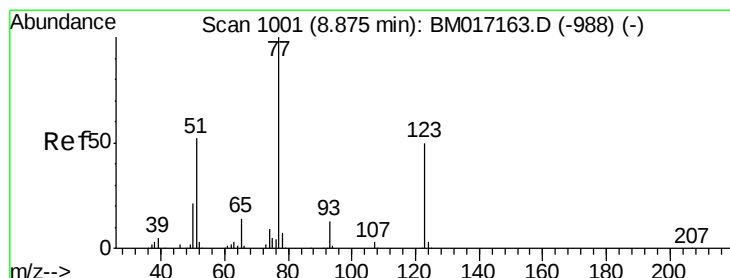
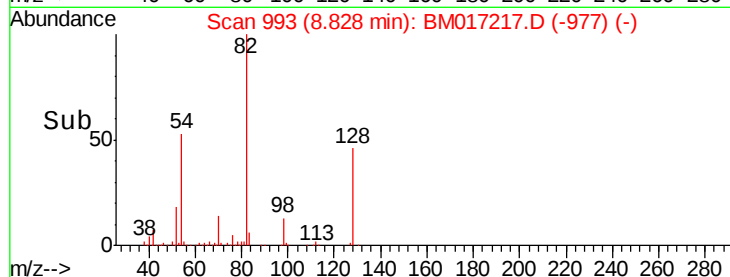
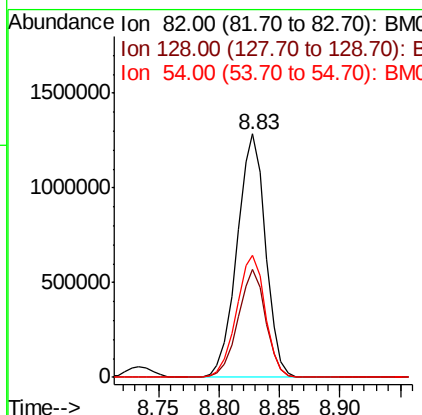
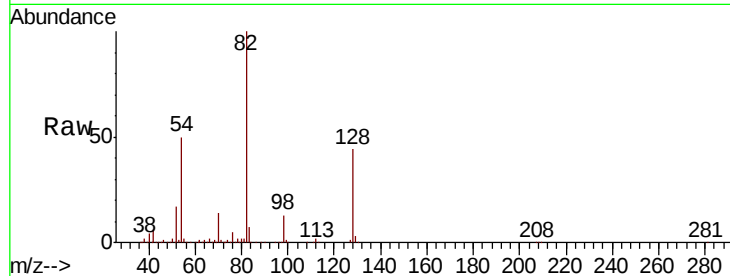




#23
 Nitrobenzene-d5
 Concen: 85.531 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

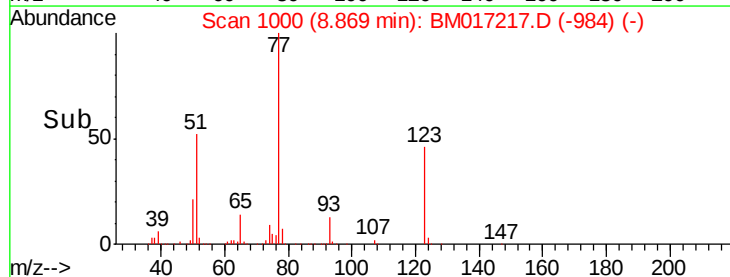
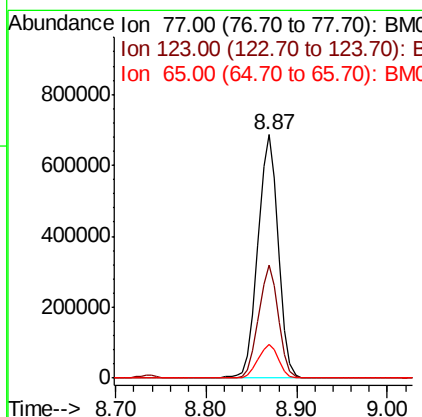
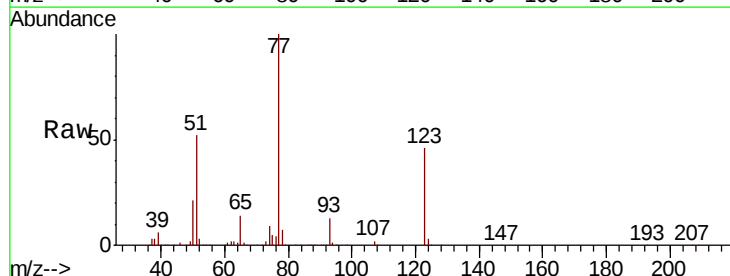
Instrument :
 BNA_M
 ClientSampleId :

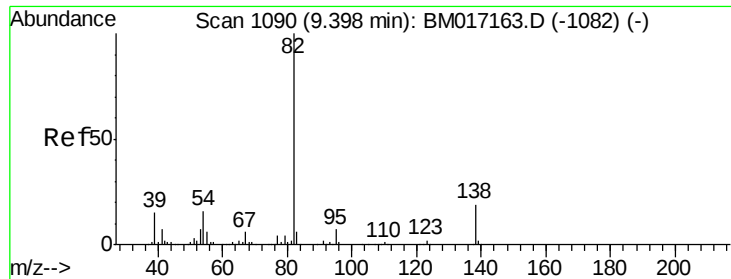
Tot Ion: 82 Resp: 2112095
 Ion Ratio Lower Upper
 82 100
 128 44.1 37.0 55.6
 54 50.3 40.7 61.1



#24
 Nitrobenzene
 Concen: 40.943 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

Tgt Ion: 77 Resp: 1069464
 Ion Ratio Lower Upper
 77 100
 123 46.2 40.2 60.4
 65 14.0 11.4 17.0

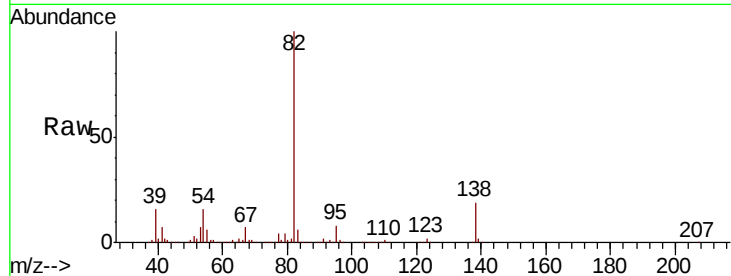




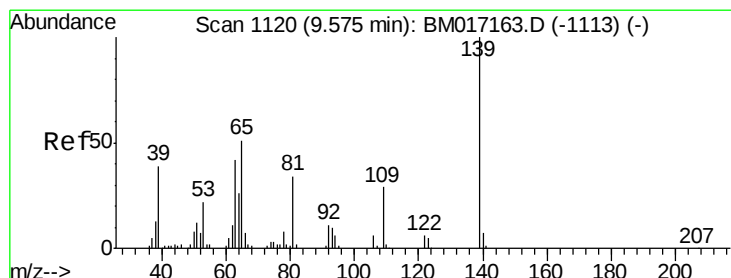
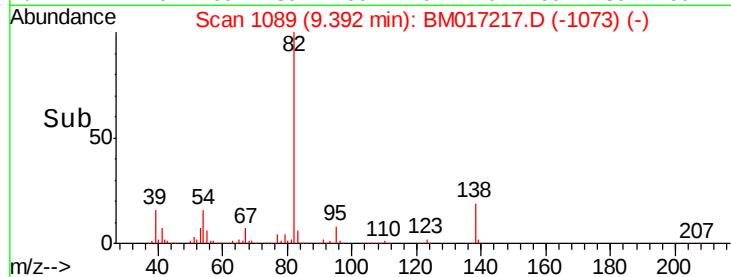
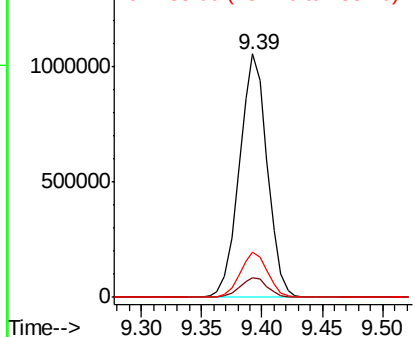
#25
Isophorone
Concen: 41.454 ng
RT: 9.39 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1690366
Ion Ratio Lower Upper
82 100
95 8.0 6.0 9.0
138 18.6 15.4 23.2

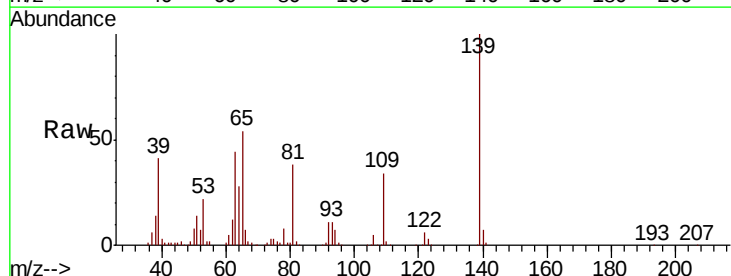


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

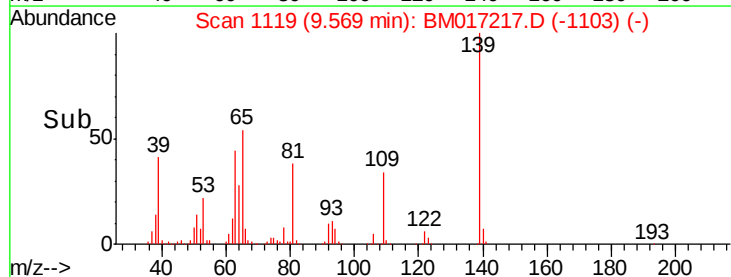
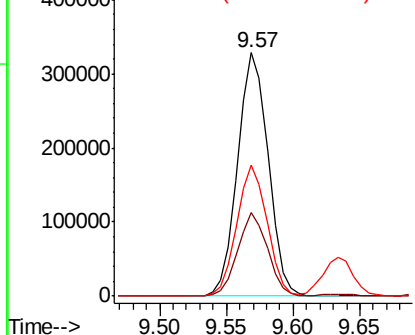


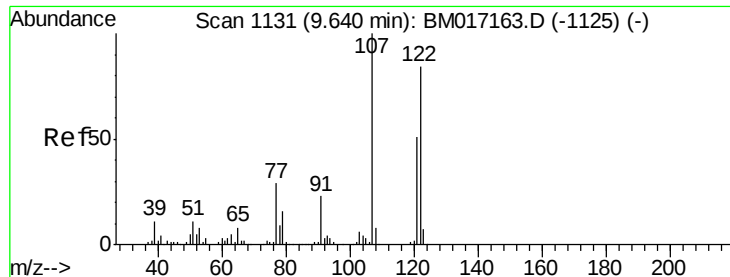
#26
2-Nitrophenol
Concen: 43.250 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion: 139 Resp: 520890
Ion Ratio Lower Upper
139 100
109 34.3 23.2 34.8
65 53.8 40.6 61.0



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): BM0

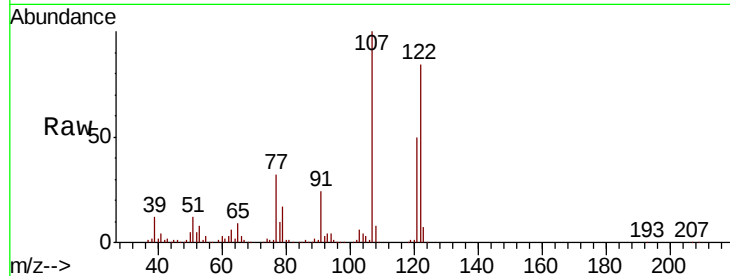




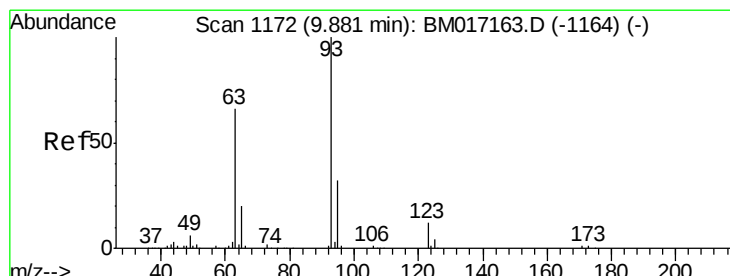
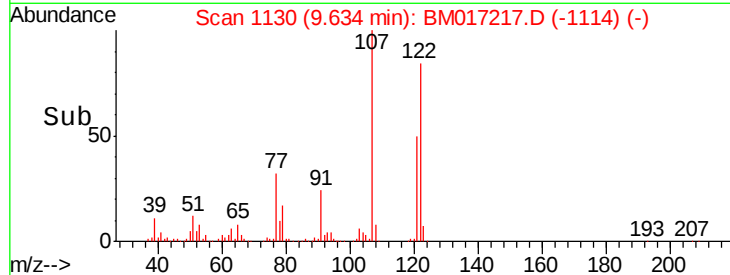
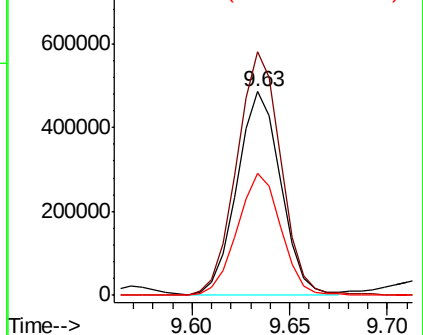
#27
 2,4-Dimethylphenol
 Concen: 41.439 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:122 Resp: 747178
 Ion Ratio Lower Upper
 122 100
 107 119.7 95.0 142.6
 121 59.9 48.2 72.4

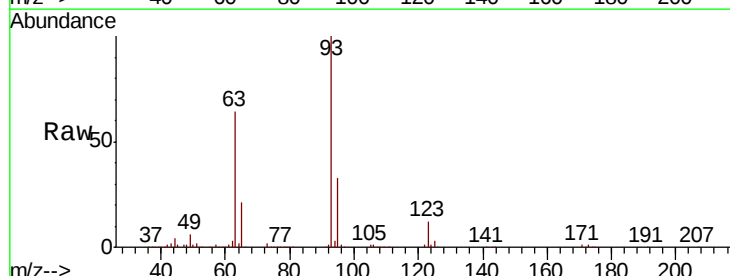


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

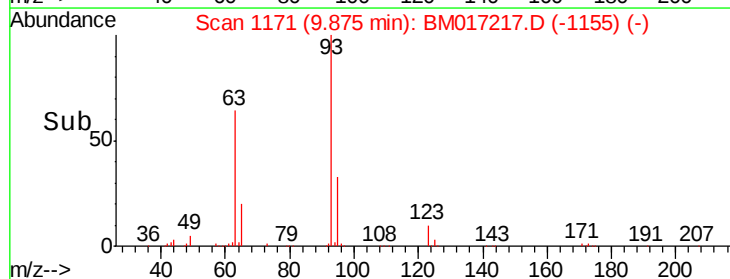
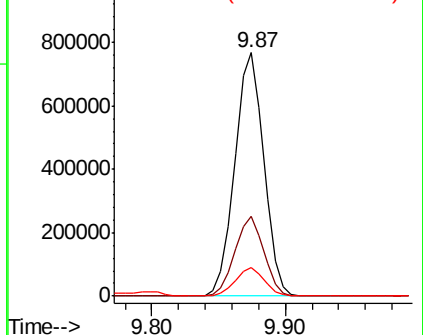


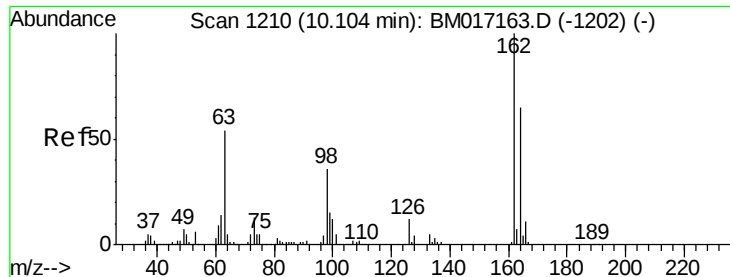
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.466 ng
 RT: 9.87 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

Tgt Ion: 93 Resp: 1161382
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.7 38.5
 123 11.8 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

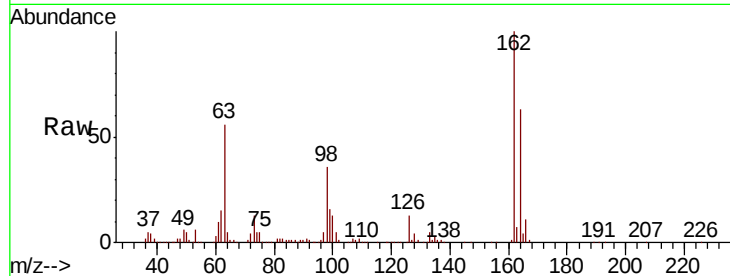




#29
2,4-Dichlorophenol
Concen: 43.043 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.9	84.9
98	36.4	15.8	55.8

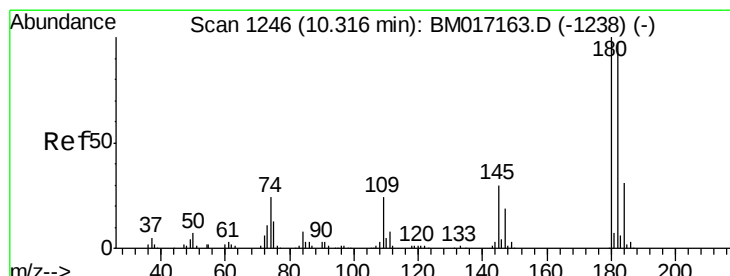
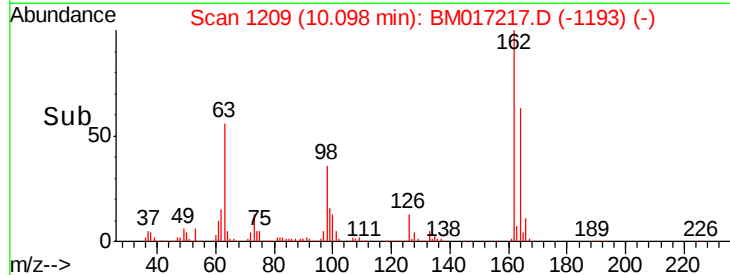
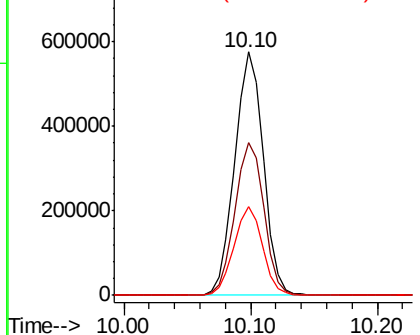


Abundance

Ion 162.00 (161.70 to 162.70): E

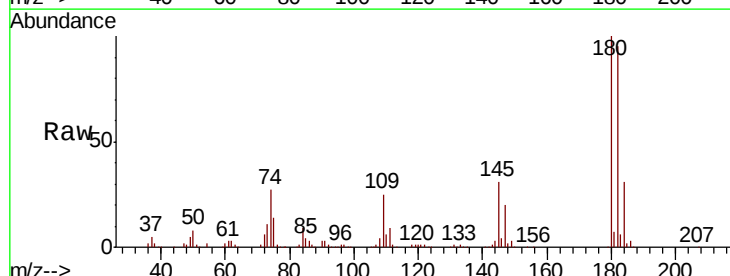
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 40.320 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.5	116.3
145	31.2	24.0	36.0

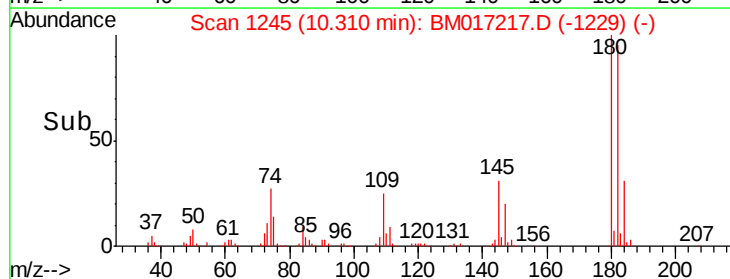
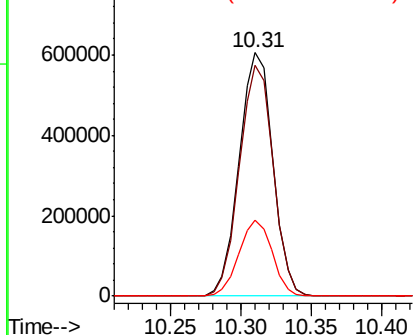


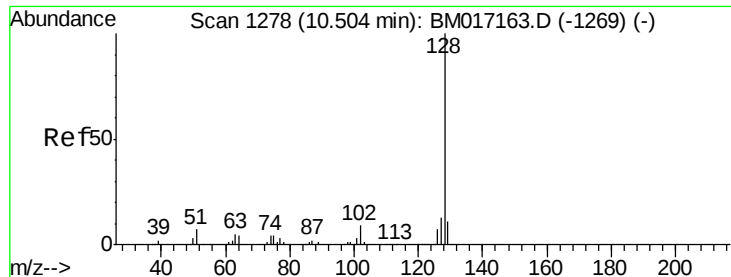
Abundance

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

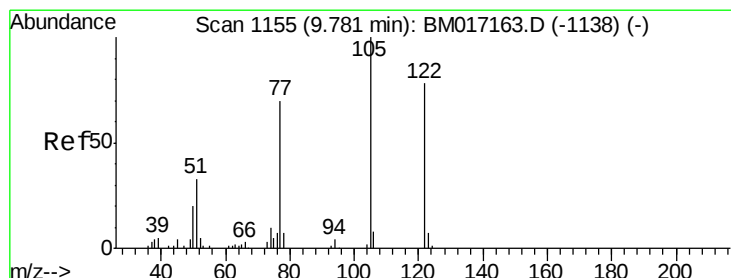
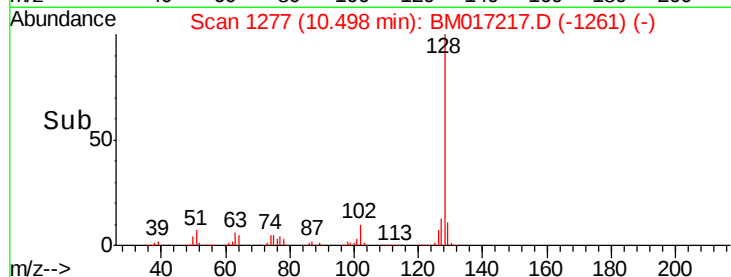
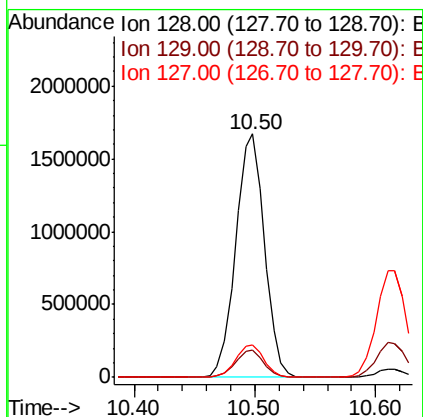
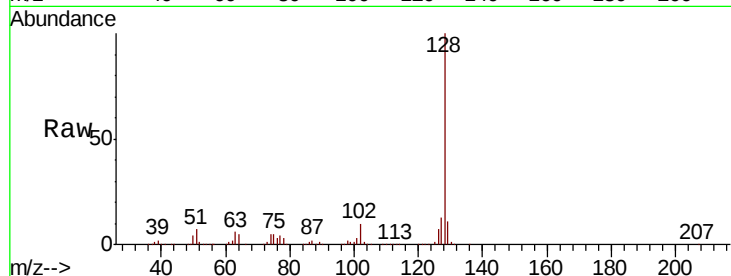




#31
Naphthalene
Concen: 39.125 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

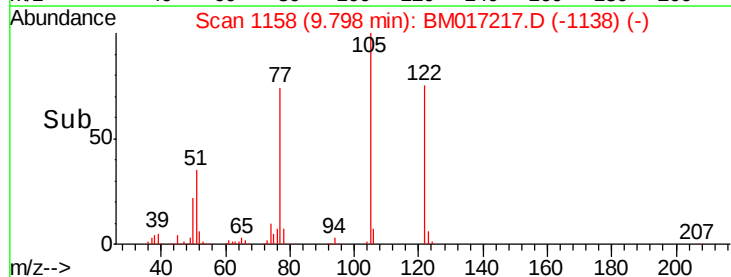
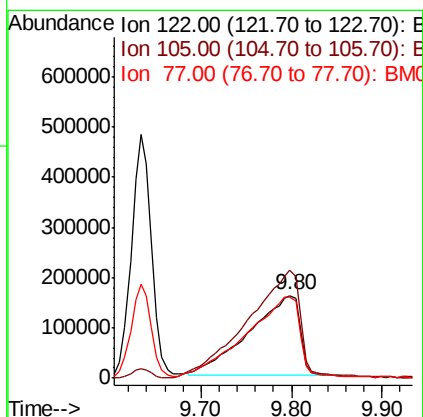
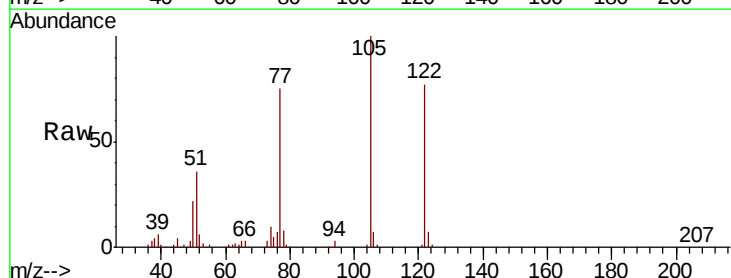
Instrument :
BNA_M
ClientSampleId :

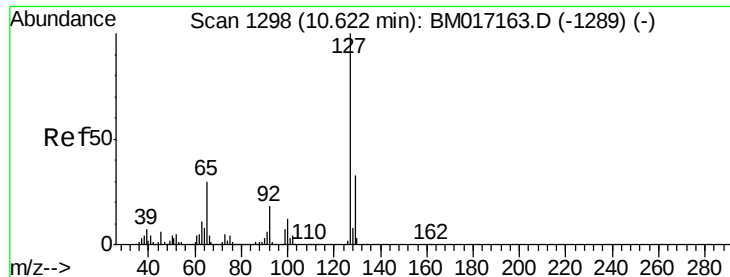
Tot Ion:128 Resp: 2769105
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.4 10.3 15.5



#32
Benzoic acid
Concen: 46.460 ng
RT: 9.80 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion:122 Resp: 625046
Ion Ratio Lower Upper
122 100
105 130.4 102.0 142.0
77 97.2 67.7 107.7

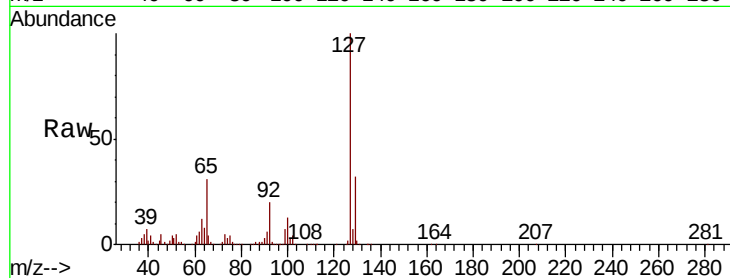




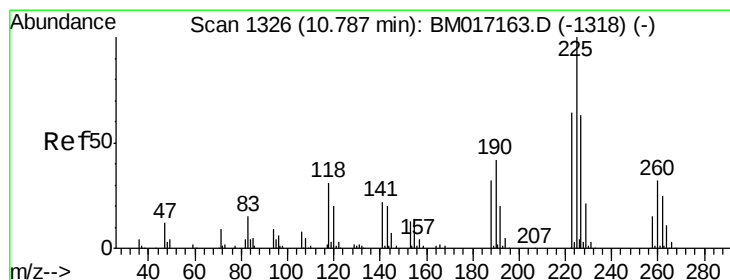
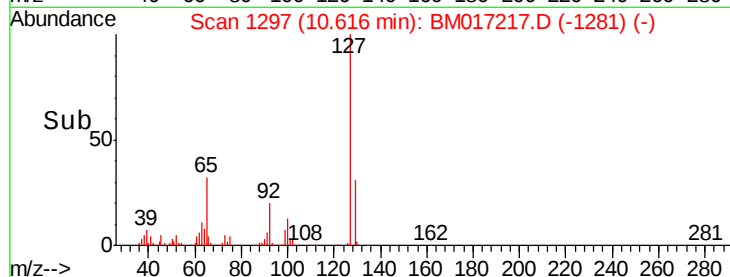
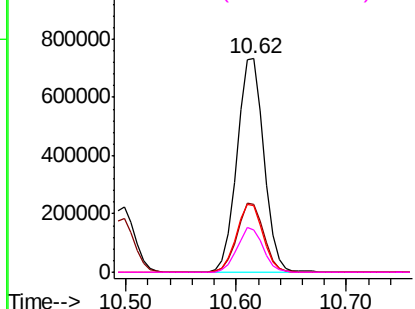
#33
4-Chloroaniline
Concen: 41.255 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127 Resp: 1261062
Ion Ratio Lower Upper
127 100
129 31.7 26.2 39.4
65 31.2 23.7 35.5
92 19.8 14.3 21.5

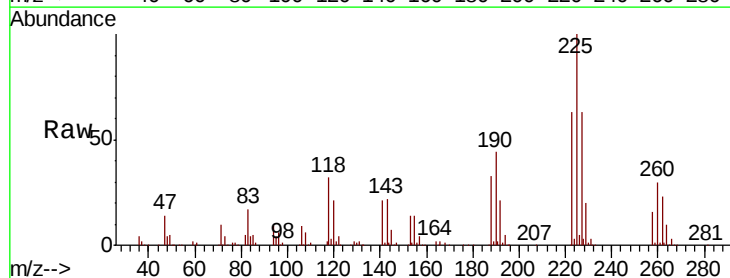


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

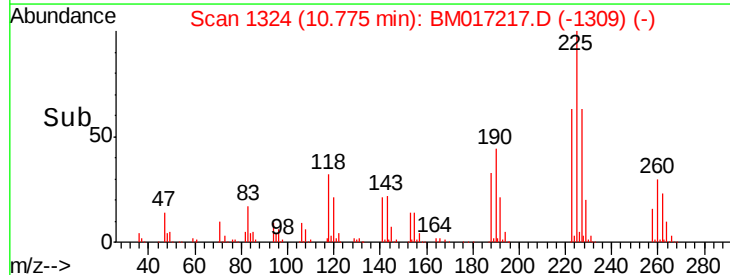
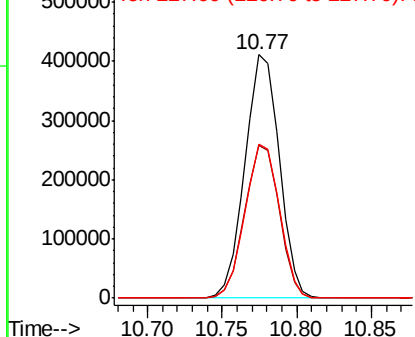


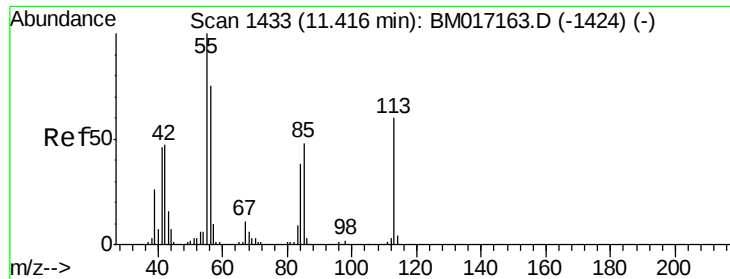
#34
Hexachlorobutadiene
Concen: 41.224 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion:225 Resp: 655973
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.6
227 63.2 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

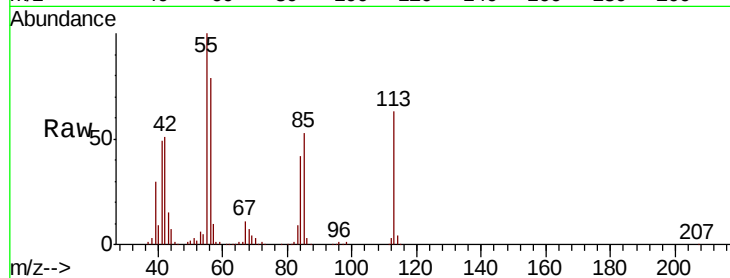




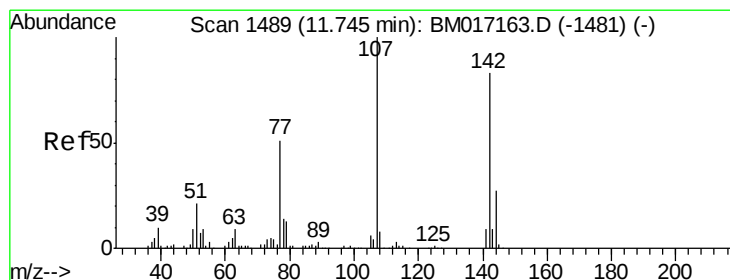
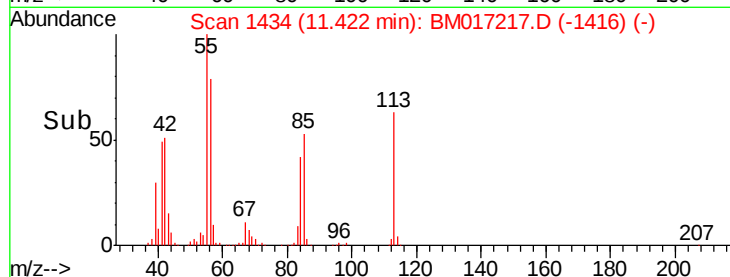
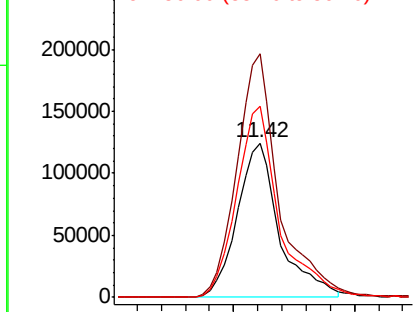
#35
Caprolactam
Concen: 39.542 ng
RT: 11.42 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:113 Resp: 301684
Ion Ratio Lower Upper
113 100
55 157.7 147.0 187.0
56 124.0 104.5 144.5

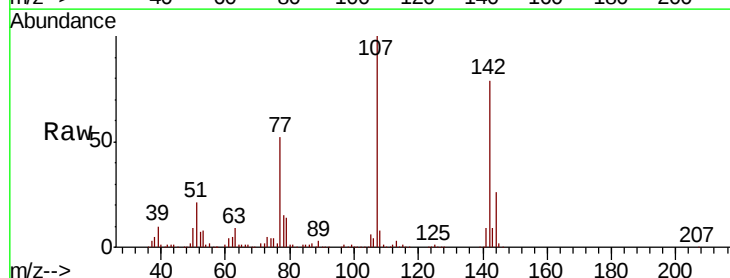


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

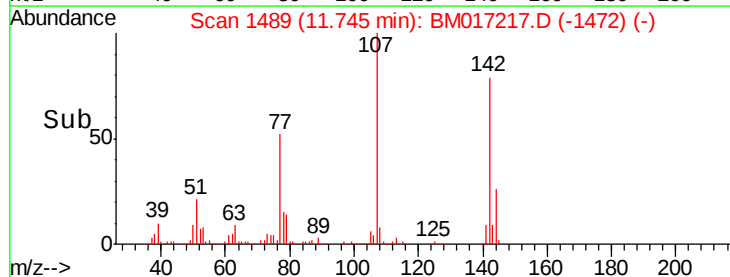
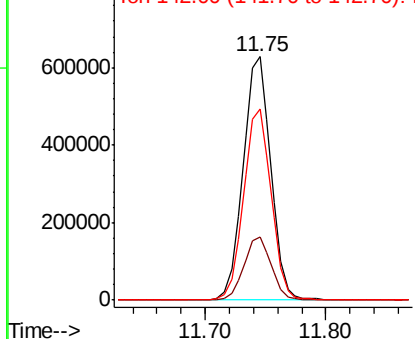


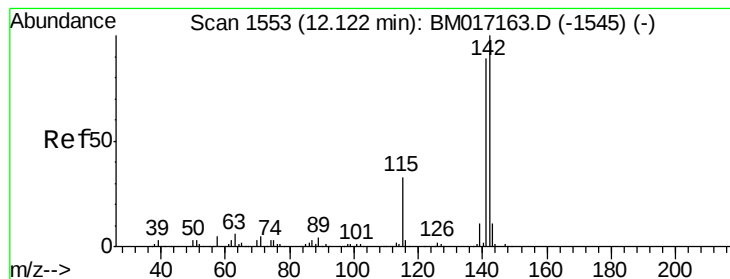
#36
4-Chloro-3-methylphenol
Concen: 42.614 ng
RT: 11.75 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion:107 Resp: 1005590
Ion Ratio Lower Upper
107 100
144 25.7 21.6 32.4
142 78.5 66.0 99.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.468 ng

RT: 12.12 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

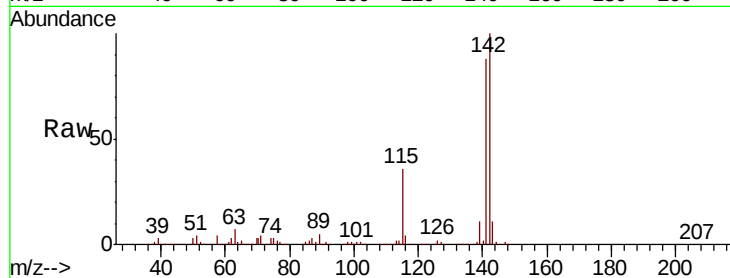
Tot Ion:142 Resp: 2008406

Ion Ratio Lower Upper

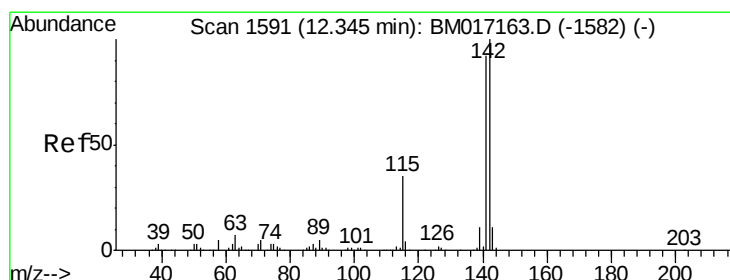
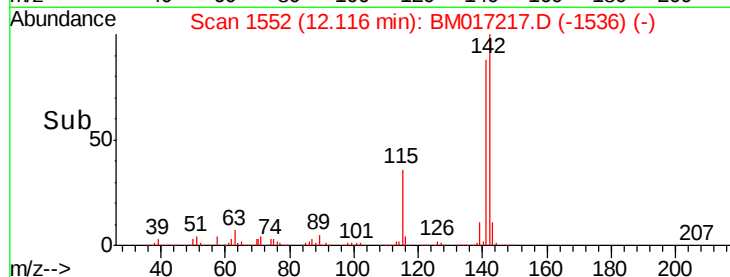
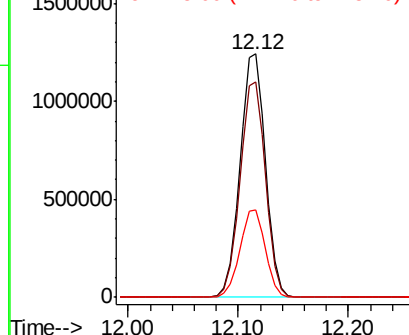
142 100

141 88.3 70.9 106.3

115 35.8 26.4 39.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.123 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

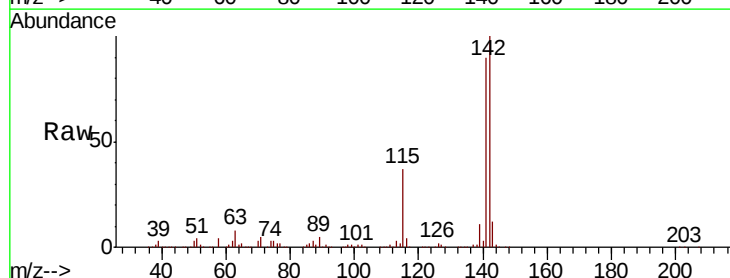
Tgt Ion:142 Resp: 1938455

Ion Ratio Lower Upper

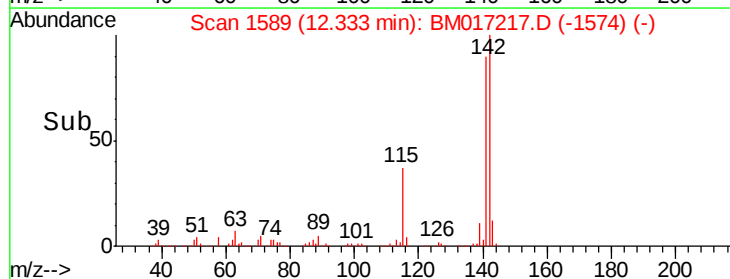
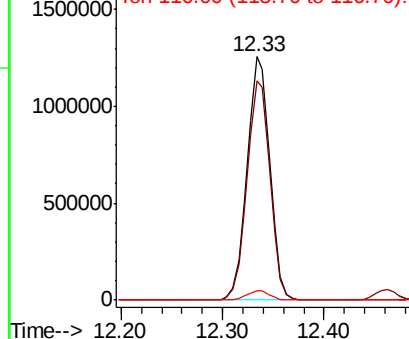
142 100

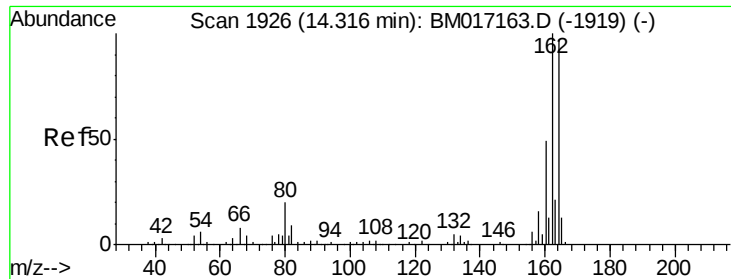
141 90.1 73.8 110.6

116 3.9 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

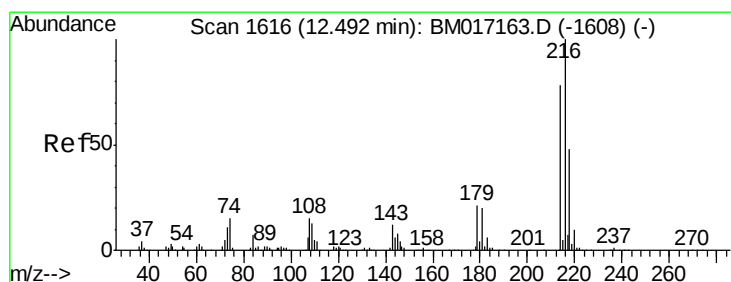
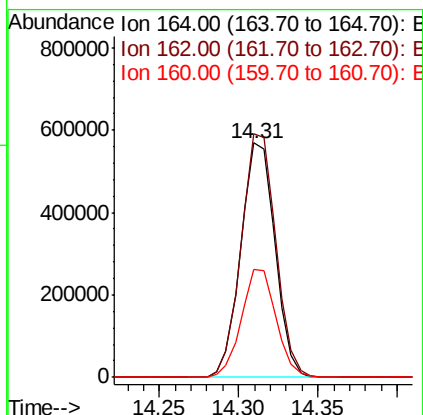
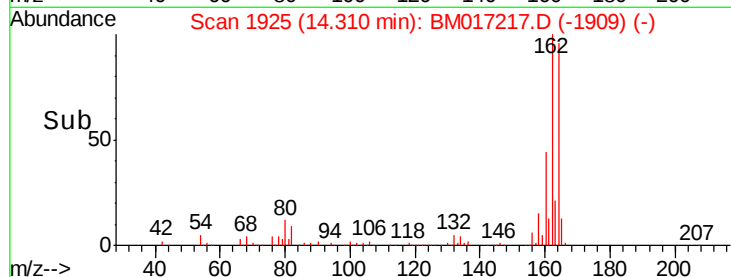
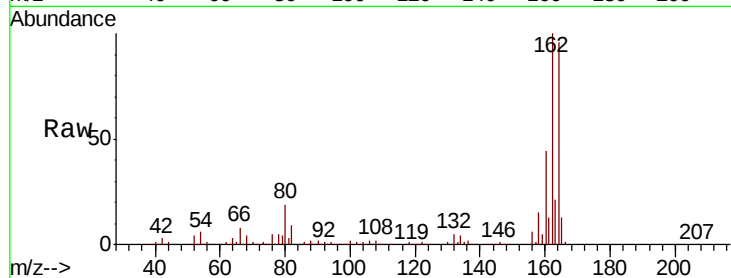
Tot Ion:164 Resp: 855029

Ion Ratio Lower Upper

164 100

162 103.9 82.1 123.1

160 45.9 40.2 60.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.357 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Tgt Ion:216 Resp: 1215211

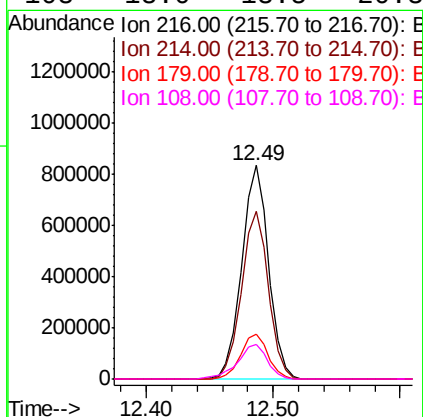
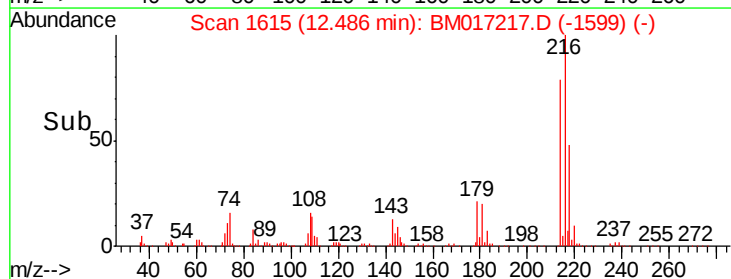
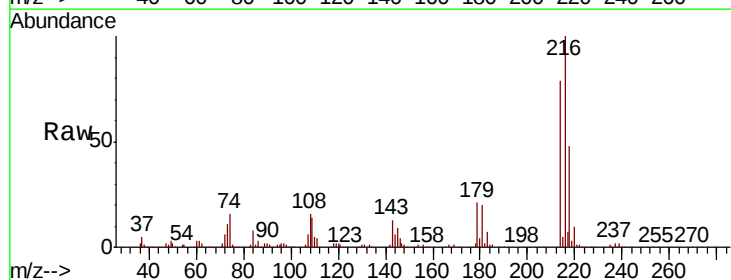
Ion Ratio Lower Upper

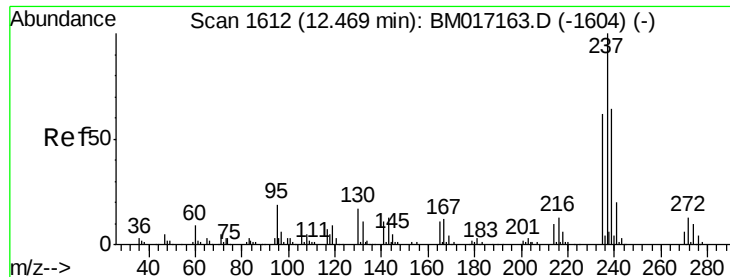
216 100

214 78.9 62.6 93.8

179 21.3 16.6 24.8

108 18.0 13.5 20.3





#41

Hexachlorocyclopentadiene

Concen: 48.546 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

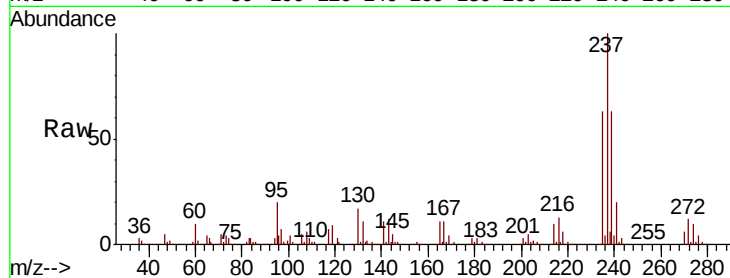
Tot Ion:237 Resp: 706681

Ion Ratio Lower Upper

237 100

235 62.7 42.4 82.4

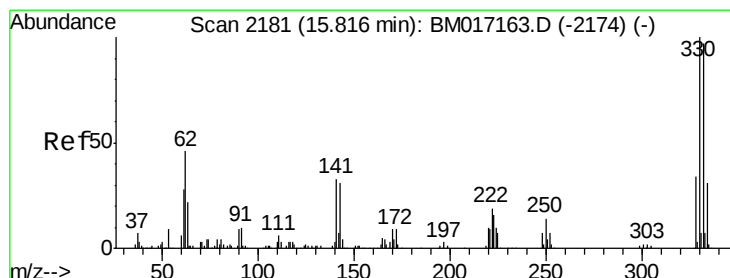
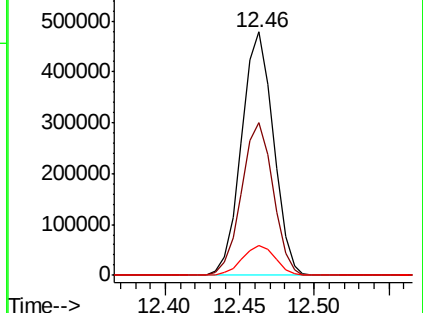
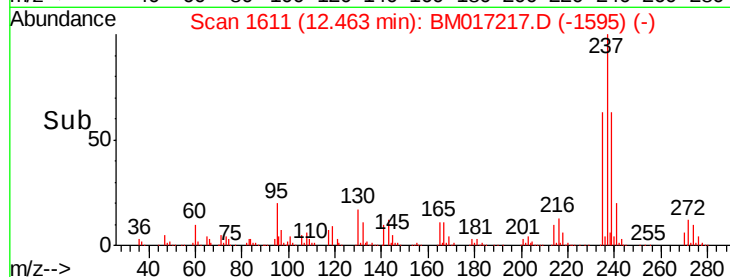
272 12.2 0.0 33.0



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: 84.135 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

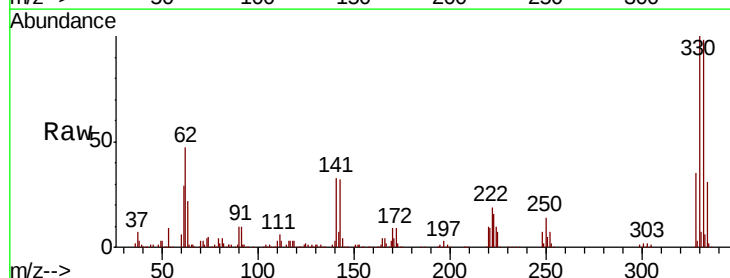
Tgt Ion:330 Resp: 972854

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

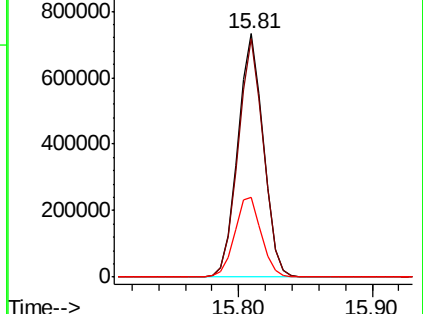
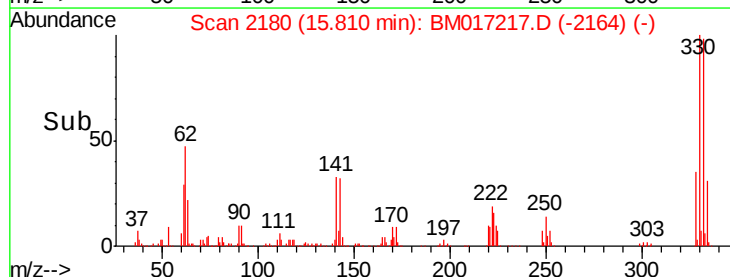
141 34.3 27.4 41.0

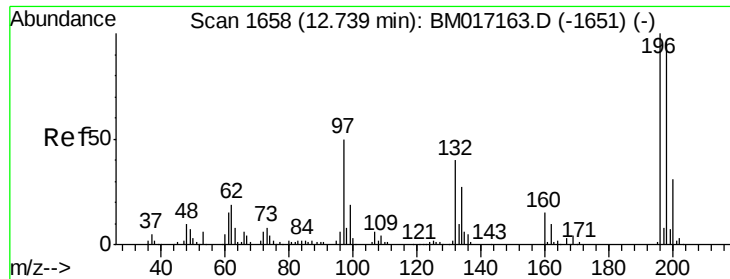


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

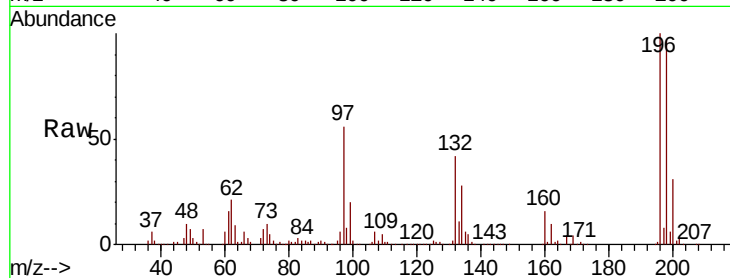




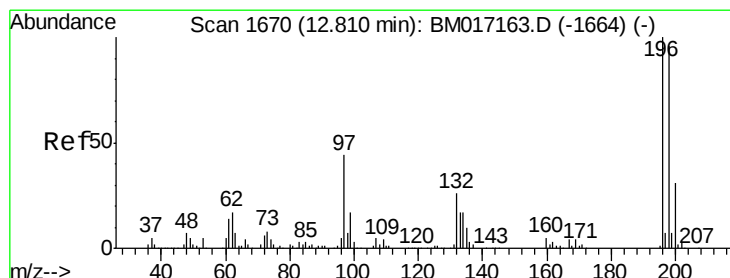
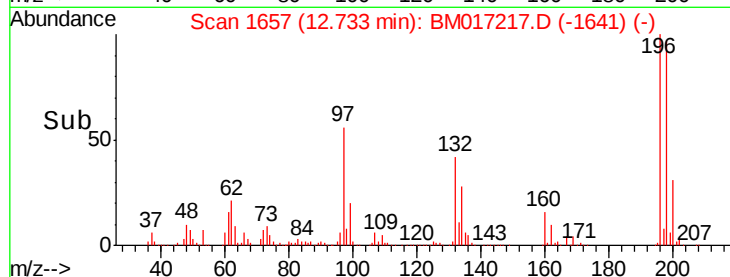
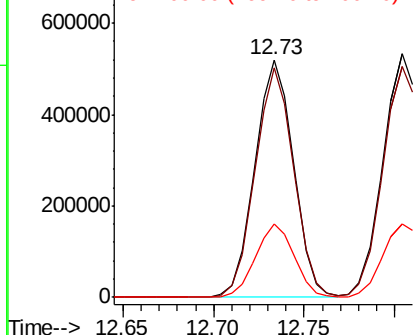
#43
 2,4,6-Trichlorophenol
 Concen: 44.041 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 769828
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.1 115.7
 200 31.1 25.0 37.4



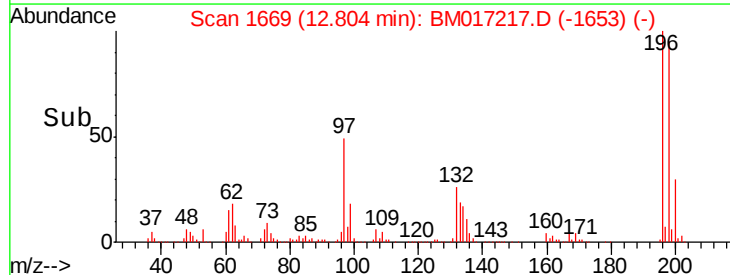
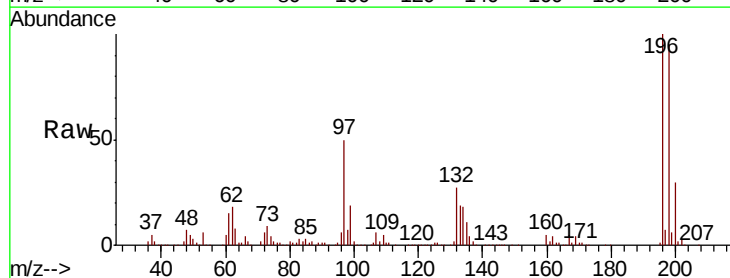
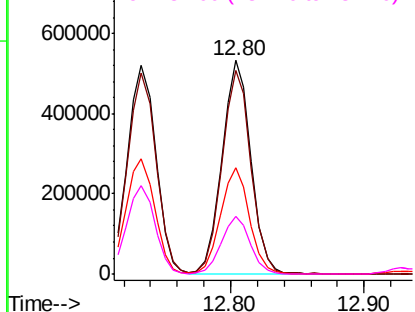
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

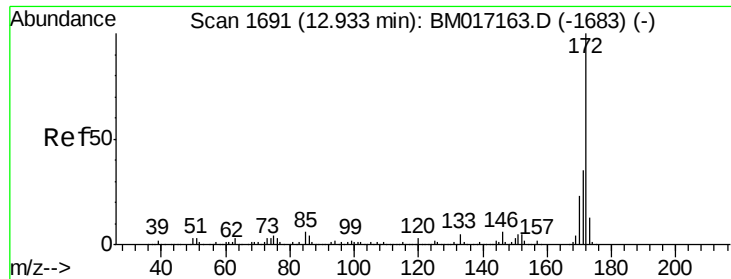


#44
 2,4,5-Trichlorophenol
 Concen: 42.837 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

Tgt Ion:196 Resp: 802933
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.6 115.0
 97 49.9 35.5 53.3
 132 27.0 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

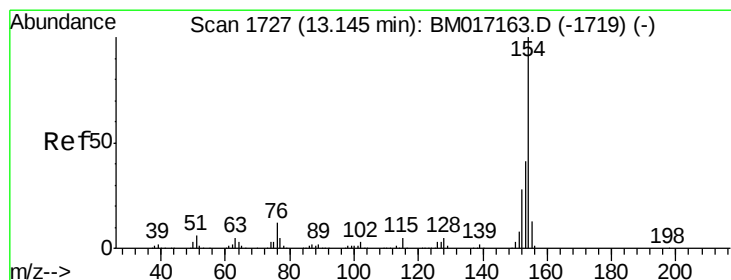
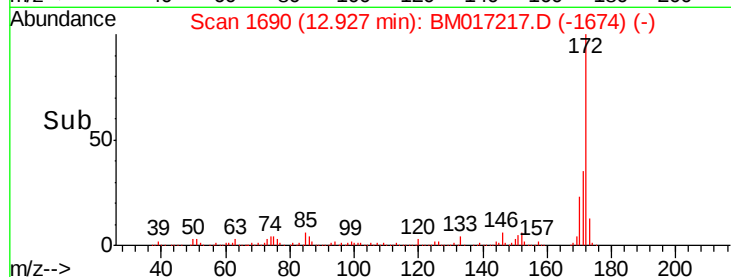
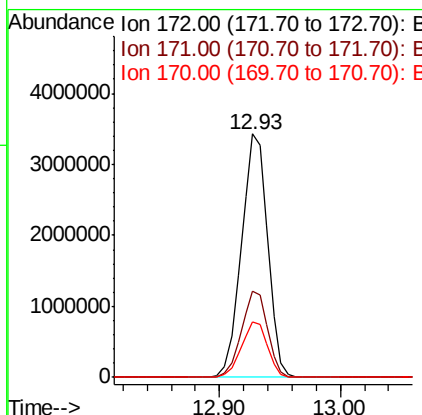
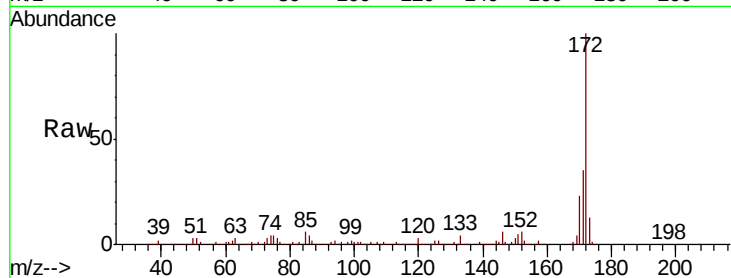




#45
2-Fluorobiphenyl
Concen: 80.640 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

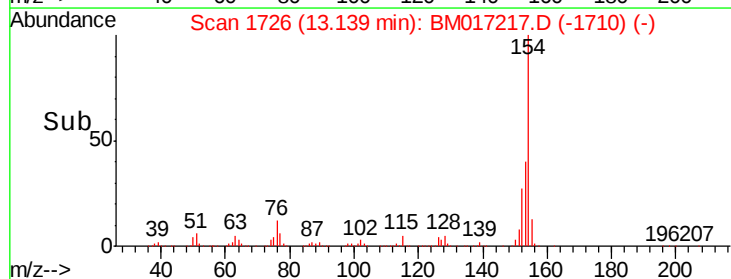
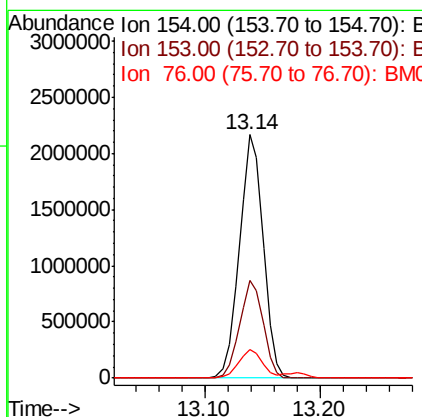
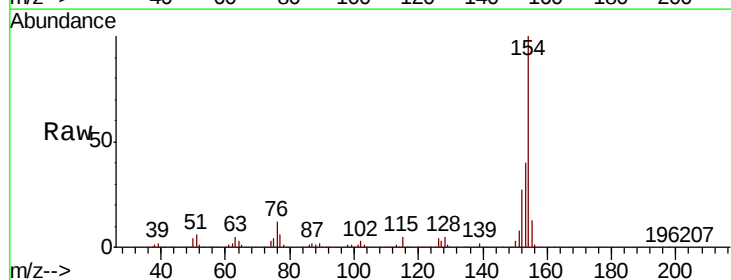
Instrument :
BNA_M
ClientSampleId :

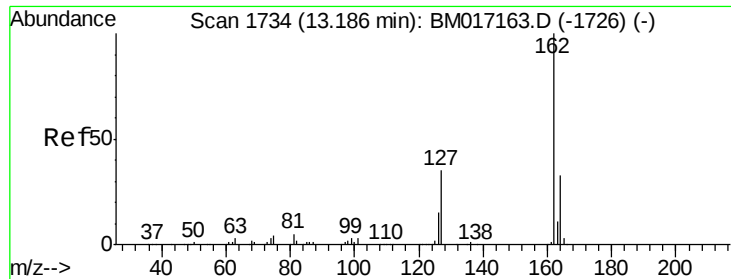
Tot Ion:172 Resp: 5182036
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.8 18.3 27.5



#46
1,1'-Biphenyl
Concen: 39.910 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion:154 Resp: 3070844
Ion Ratio Lower Upper
154 100
153 40.0 20.5 60.5
76 11.7 0.0 31.8

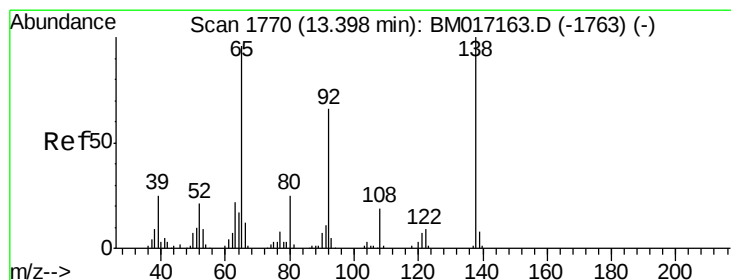
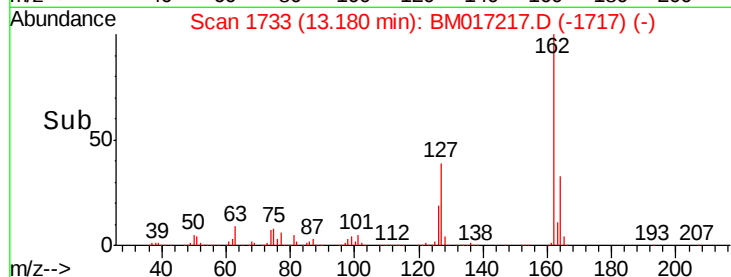
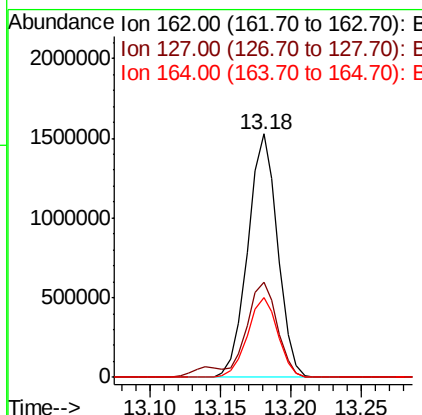
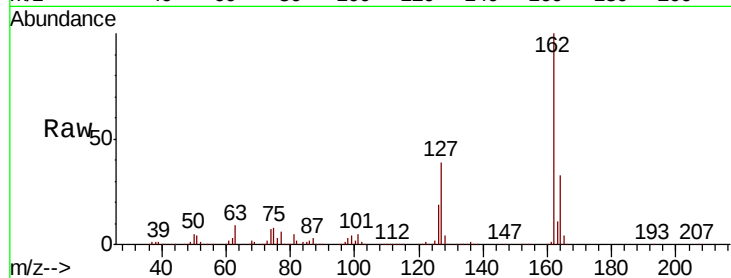




#47
2-Chloronaphthalene
Concen: 39.950 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

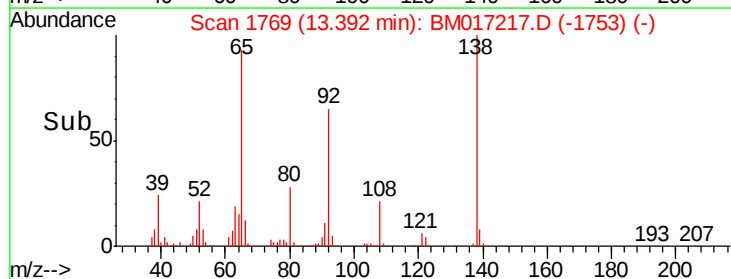
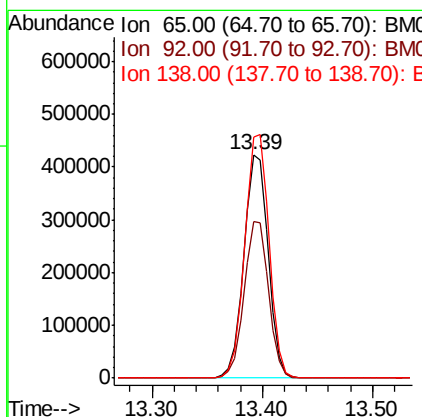
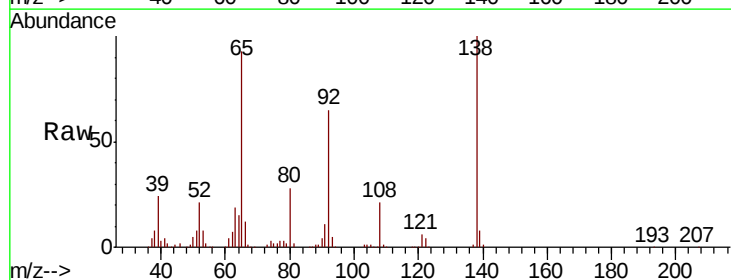
Instrument :
BNA_M
ClientSampleId :

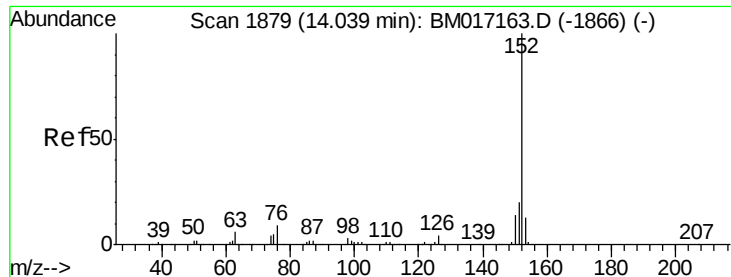
Tot Ion:162 Resp: 2261365
Ion Ratio Lower Upper
162 100
127 39.2 31.0 46.4
164 32.7 26.6 39.8



#48
2-Nitroaniline
Concen: 41.976 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion: 65 Resp: 658322
Ion Ratio Lower Upper
65 100
92 70.1 54.9 82.3
138 108.0 83.7 125.5





#49

Acenaphthylene

Concen: 41.142 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

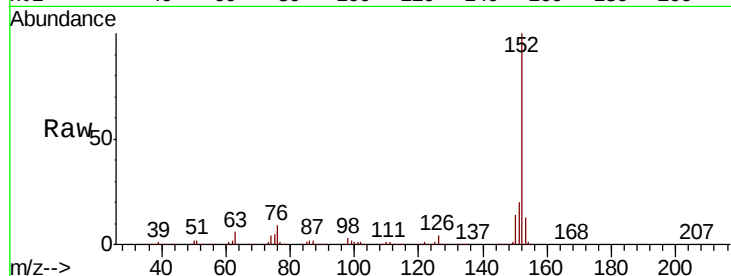
Tot Ion:152 Resp: 3375669

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

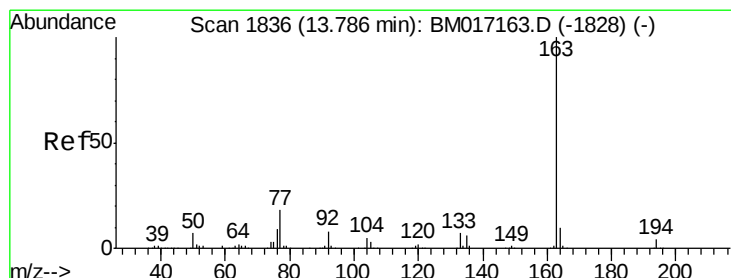
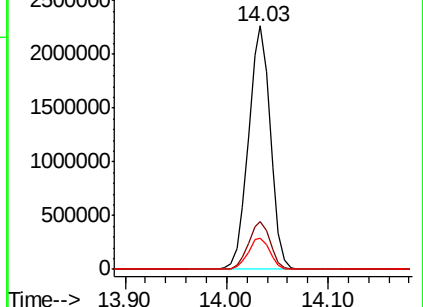
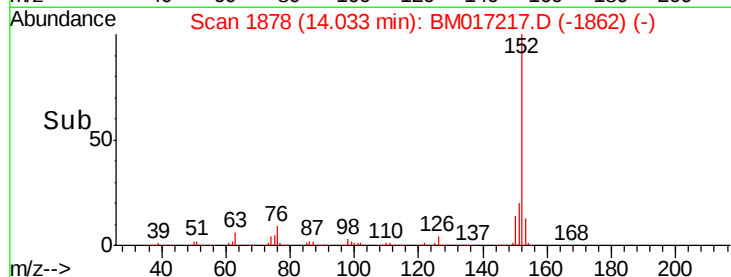
153 13.0 10.4 15.6



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: 40.802 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

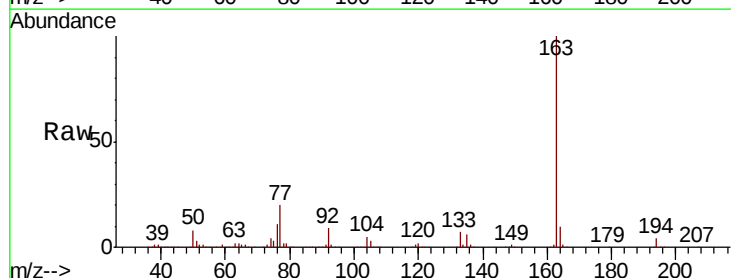
Tgt Ion:163 Resp: 2691534

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

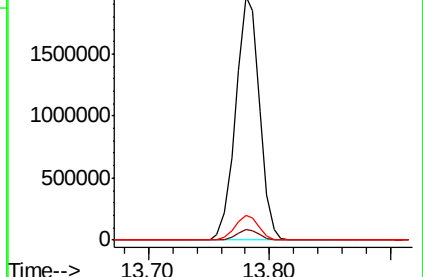
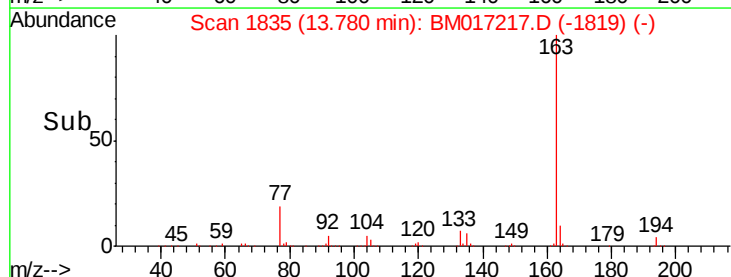
164 10.1 7.8 11.8

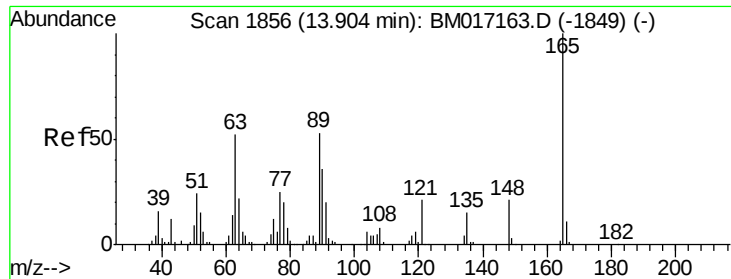


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

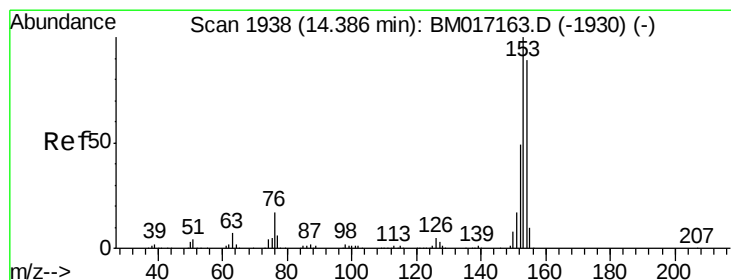
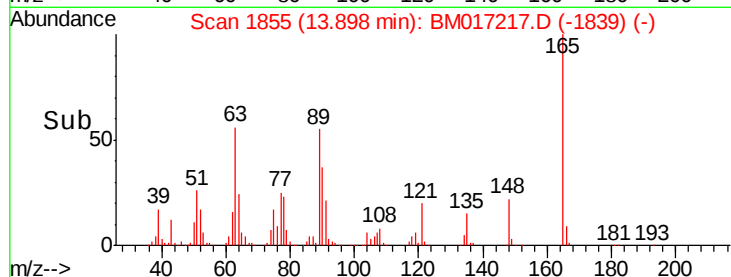
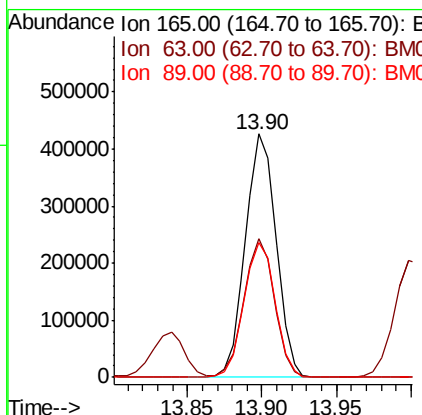
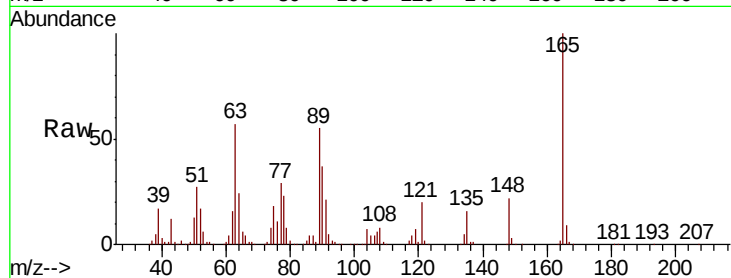




#51
2,6-Dinitrotoluene
Concen: 41.842 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

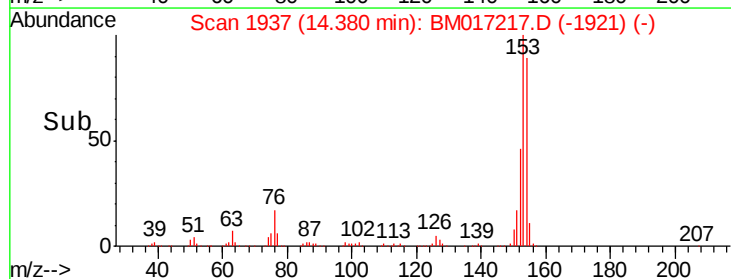
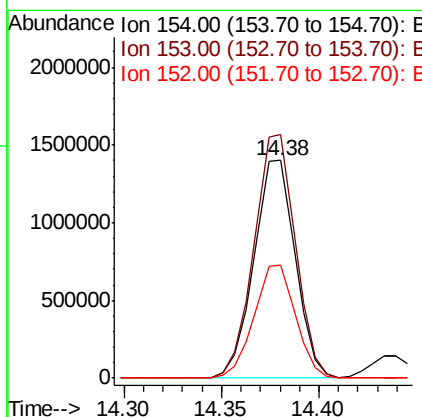
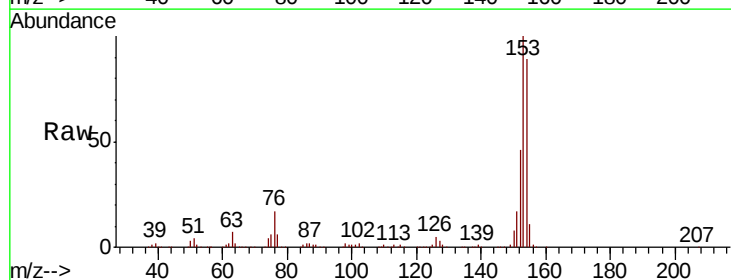
Instrument :
BNA_M
ClientSampled :

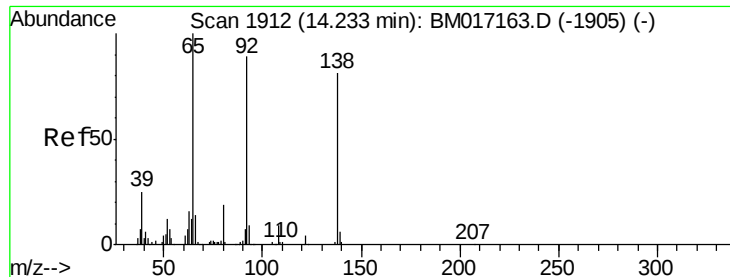
Tot Ion:165 Resp: 607503
Ion Ratio Lower Upper
165 100
63 56.9 42.7 64.1
89 55.3 42.1 63.1



#52
Acenaphthene
Concen: 40.012 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion:154 Resp: 2061287
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.2
152 52.0 44.2 66.4

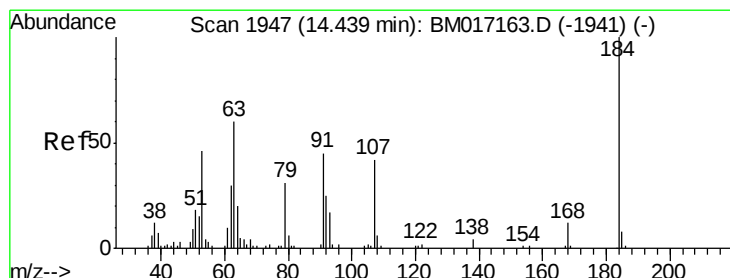
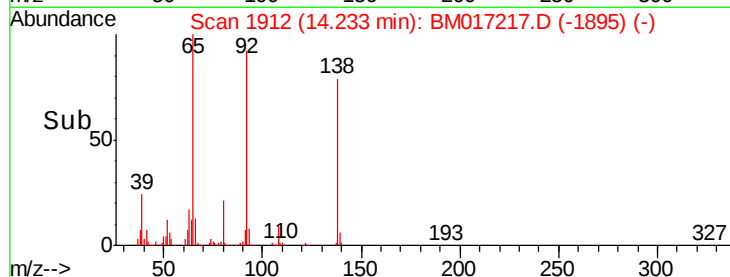
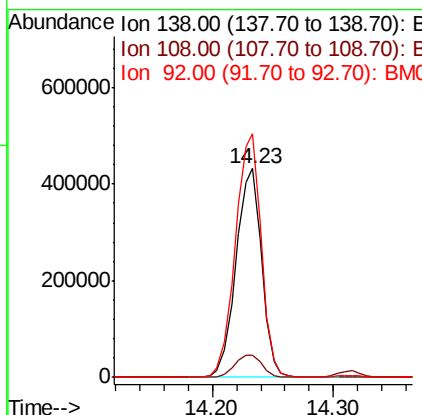
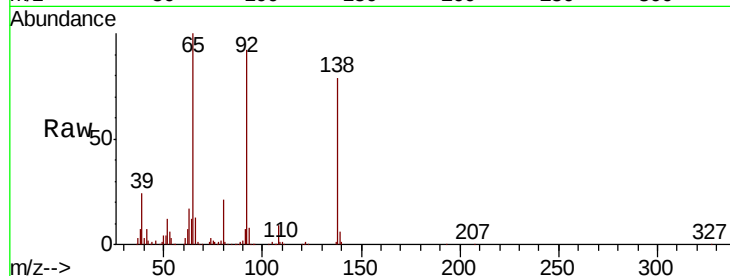




#53
3-Nitroaniline
Concen: 40.738 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

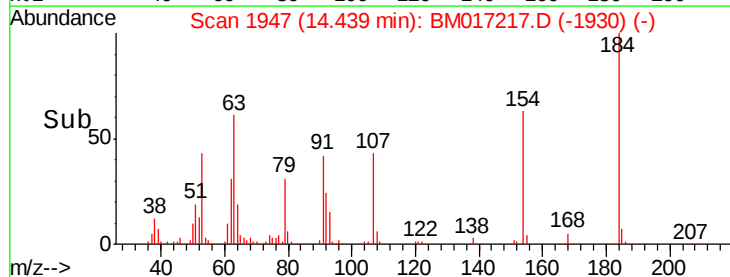
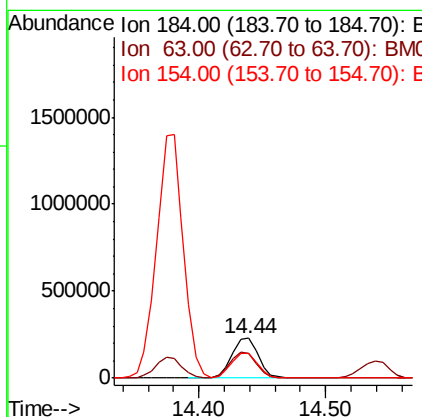
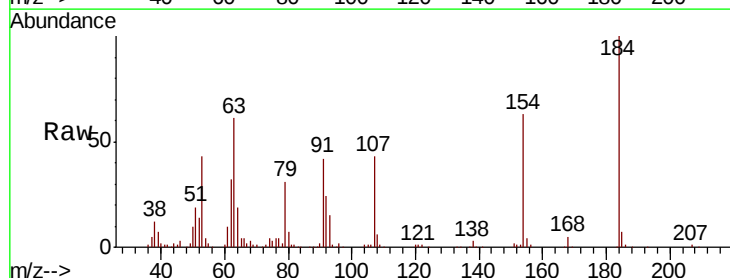
Instrument :
BNA_M
ClientSampleId :

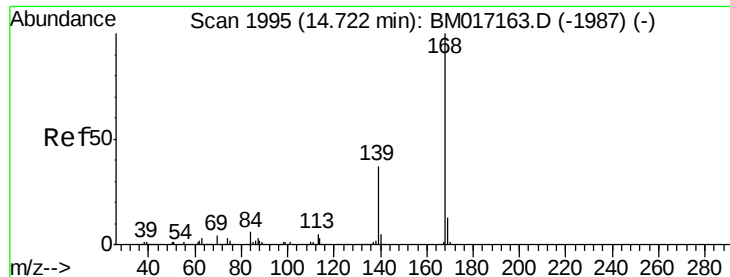
Tot Ion:138 Resp: 640584
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 116.6 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 43.356 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion:184 Resp: 333515
Ion Ratio Lower Upper
184 100
63 61.4 51.2 76.8
154 63.3 47.8 71.8

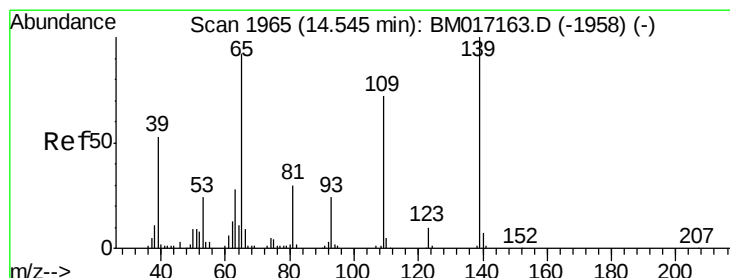
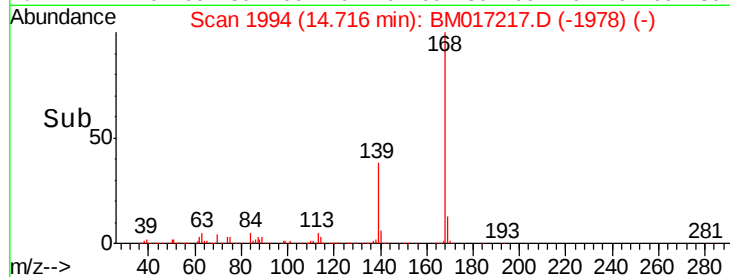
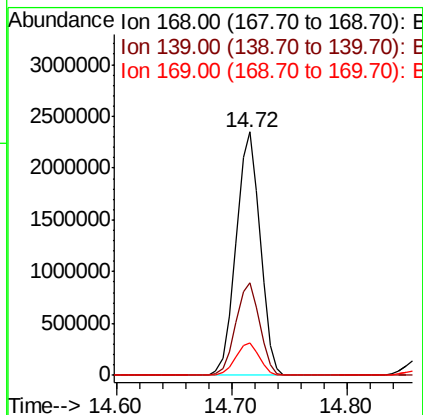
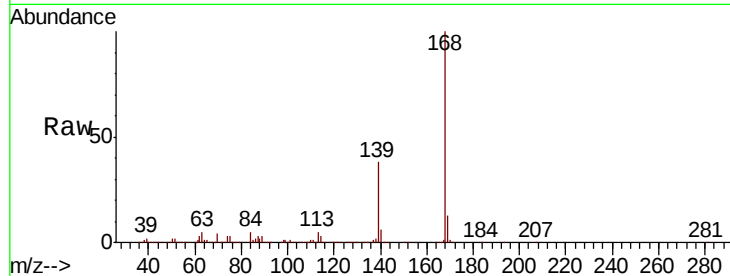




#55
 Dibenzofuran
 Concen: 39.345 ng
 RT: 14.72 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

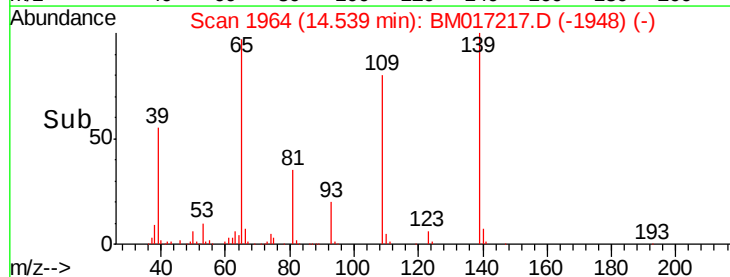
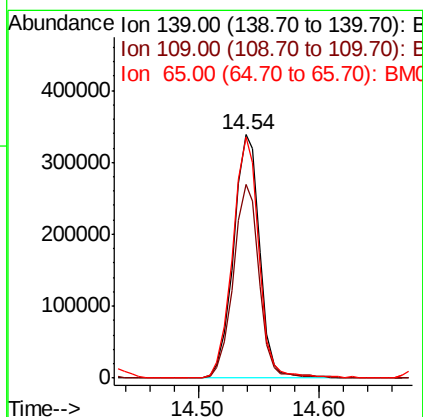
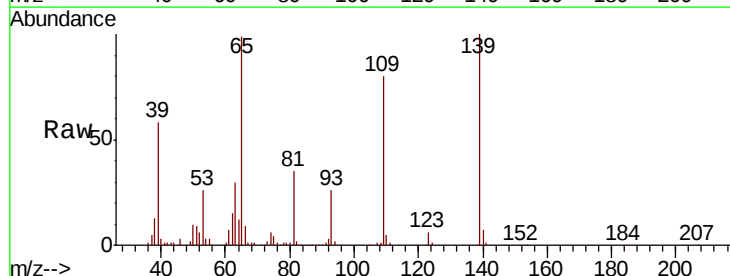
Instrument :
 BNA_M
 ClientSampleId :

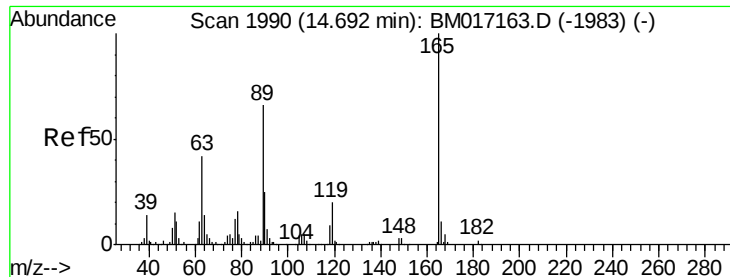
Tot Ion:168 Resp: 3370654
 Ion Ratio Lower Upper
 168 100
 139 37.8 29.3 43.9
 169 13.4 10.6 15.8



#56
 4-Nitrophenol
 Concen: 38.390 ng
 RT: 14.54 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

Tgt Ion:139 Resp: 512806
 Ion Ratio Lower Upper
 139 100
 109 79.6 51.8 91.8
 65 99.0 72.1 112.1

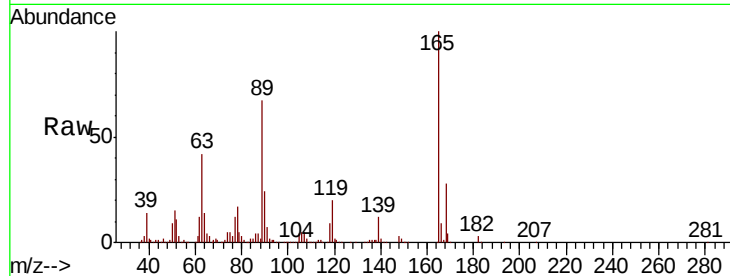




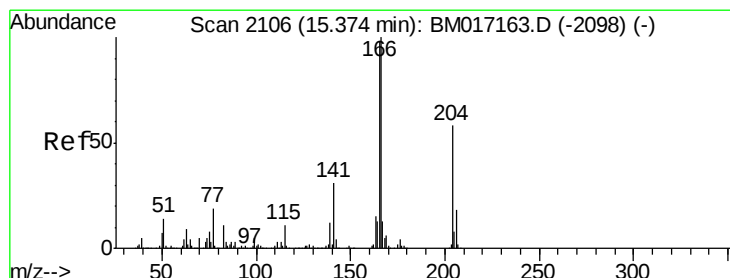
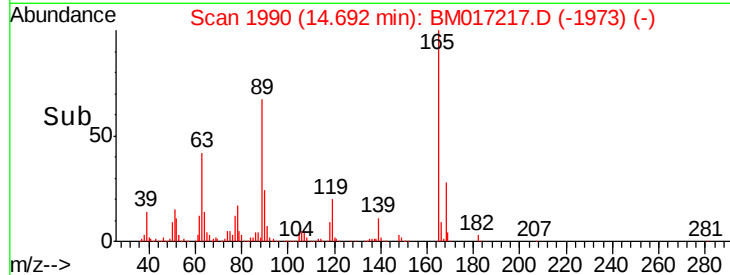
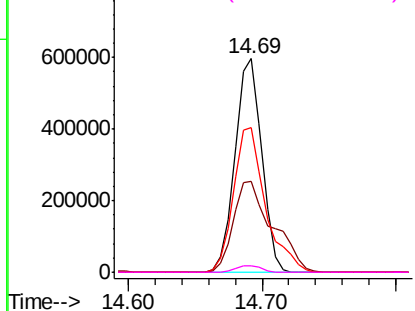
#57
2,4-Dinitrotoluene
Concen: 42.476 ng
RT: 14.69 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	33.8	50.8
89	67.5	53.1	79.7
182	2.9	2.0	3.0

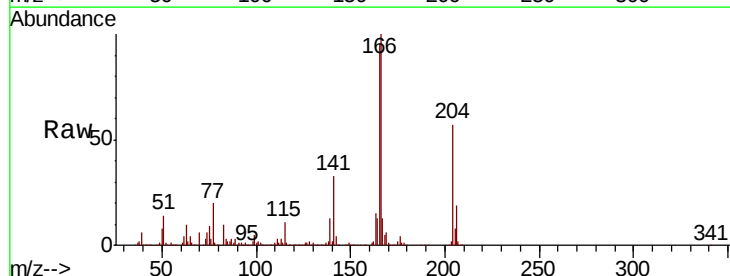


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

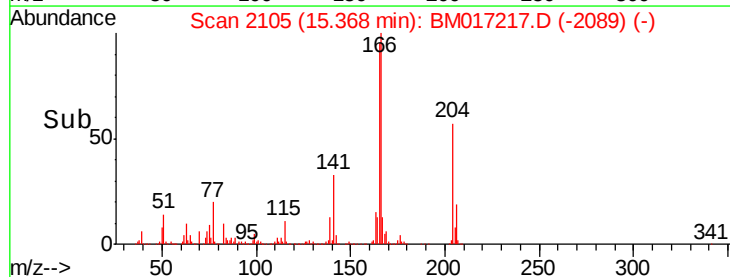
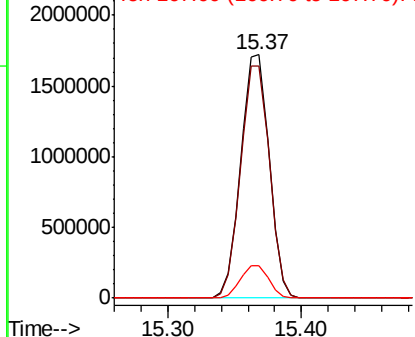


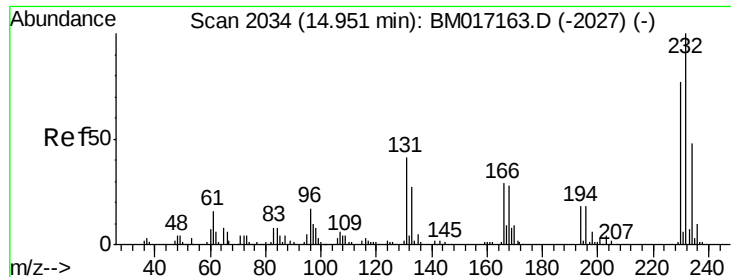
#58
Fluorene
Concen: 39.926 ng
RT: 15.37 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt 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

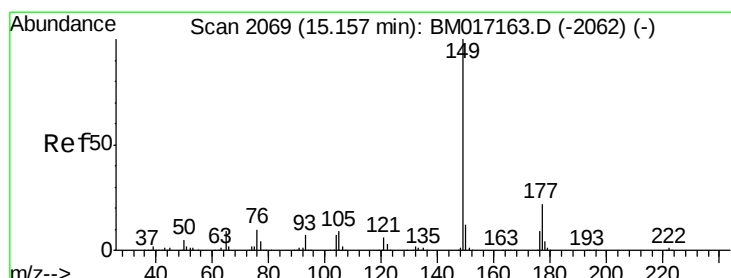
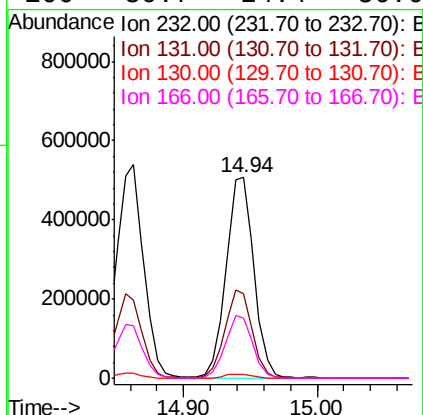
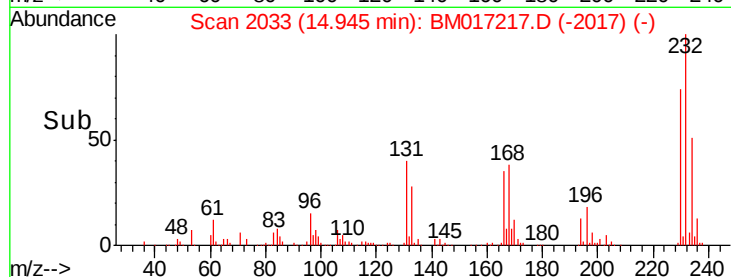
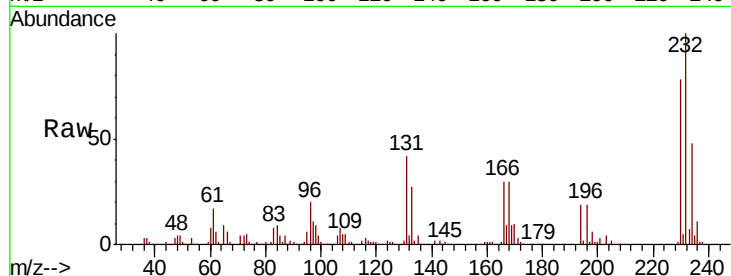




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.228 ng
RT: 14.94 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

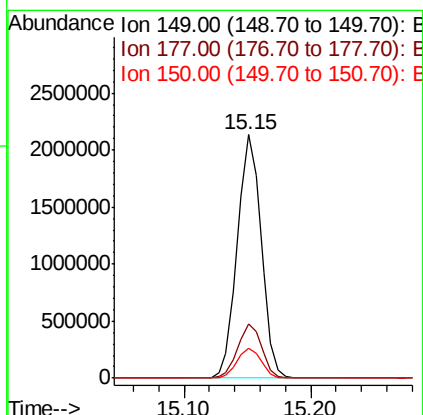
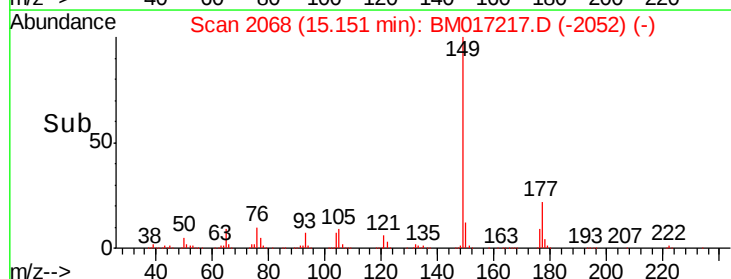
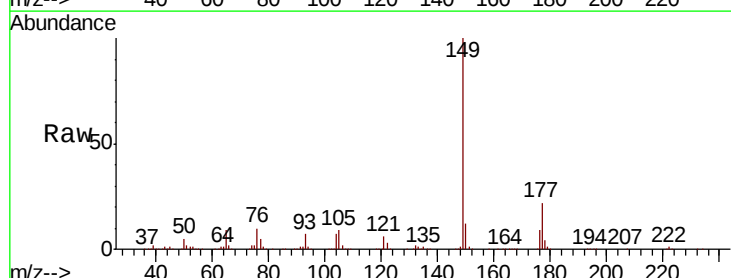
Instrument :
BNA_M
ClientSampleId :

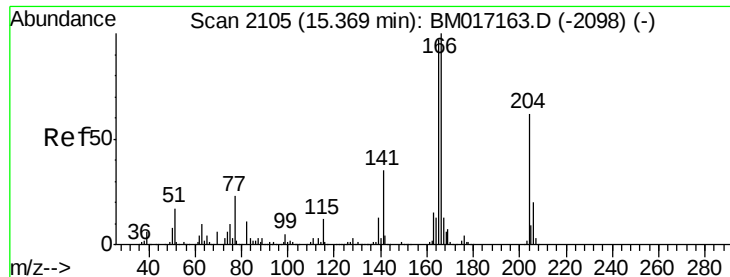
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	33.1	49.7
130	2.2	1.7	2.5
166	30.7	24.4	36.6



#60
Diethylphthalate
Concen: 42.400 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.4	10.0	15.0

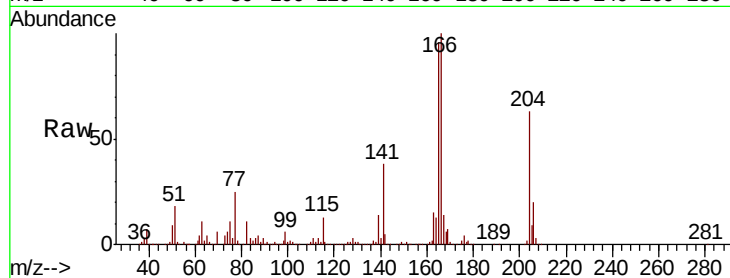




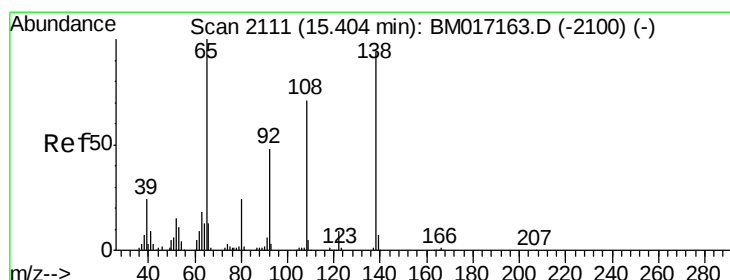
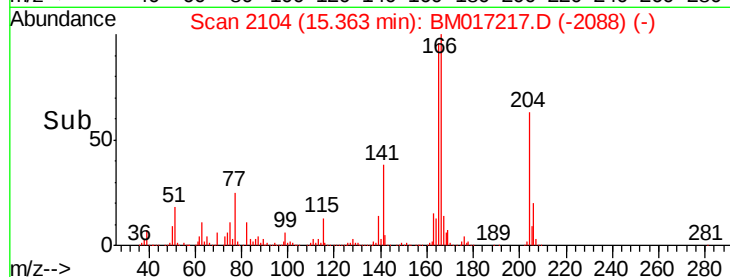
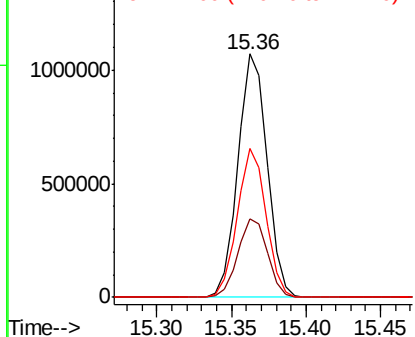
#61
4-Chlorophenyl-phenylether
Concen: 40.271 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1455806
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 61.1 45.4 68.2

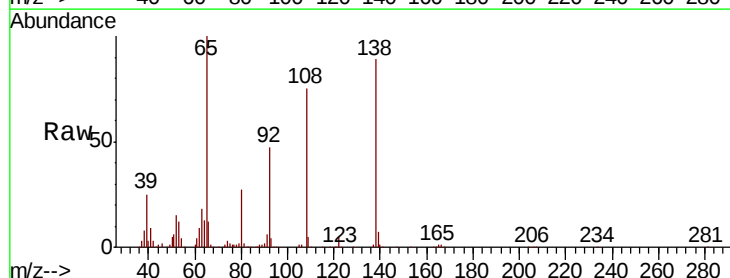


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

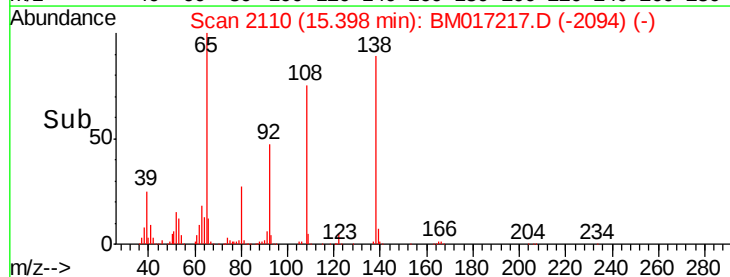
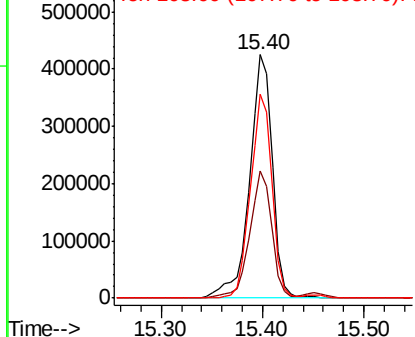


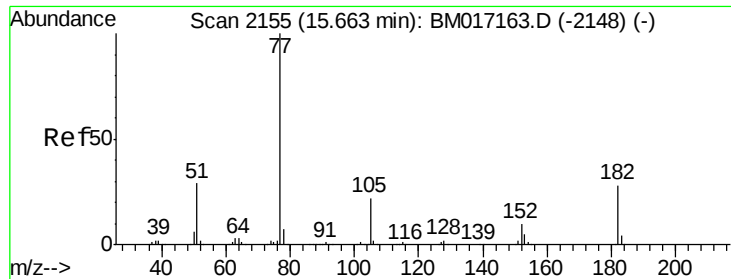
#62
4-Nitroaniline
Concen: 38.746 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion:138 Resp: 662085
Ion Ratio Lower Upper
138 100
92 52.3 31.2 71.2
108 84.0 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.683 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2586900

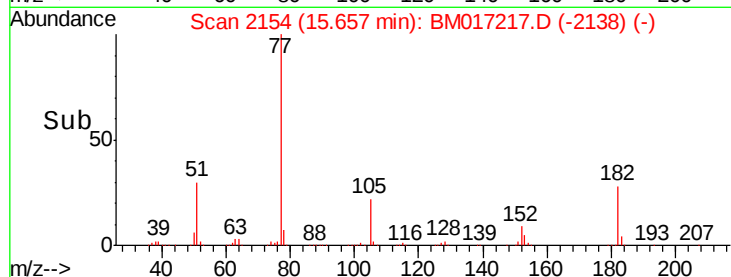
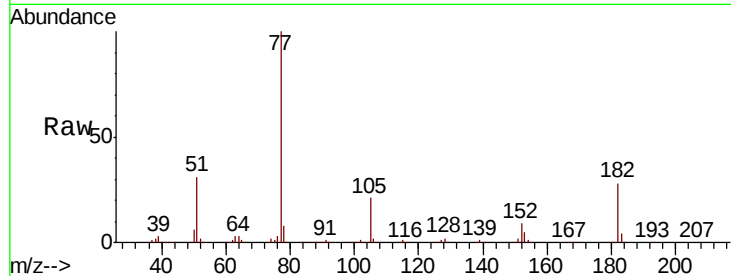
Ion	Ratio	Lower	Upper
77	100		
182	27.5	8.3	48.3
105	21.4	1.5	41.5
51	31.1	8.8	48.8

77 100

182 27.5 8.3 48.3

105 21.4 1.5 41.5

51 31.1 8.8 48.8

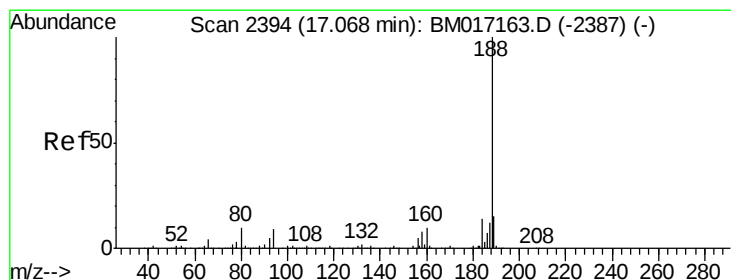
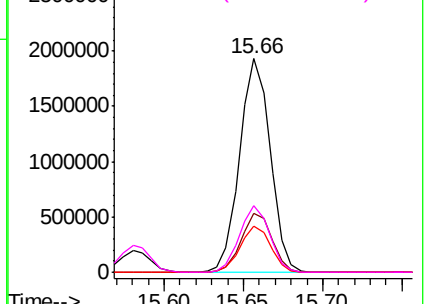


Abundance Ion 77.00 (76.70 to 77.70): BM017217.D (-2138) (-)

3000000 Ion 182.00 (181.70 to 182.70): BM017217.D (-2138) (-)

2500000 Ion 105.00 (104.70 to 105.70): BM017217.D (-2138) (-)

2000000 Ion 51.00 (50.70 to 51.70): BM017217.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

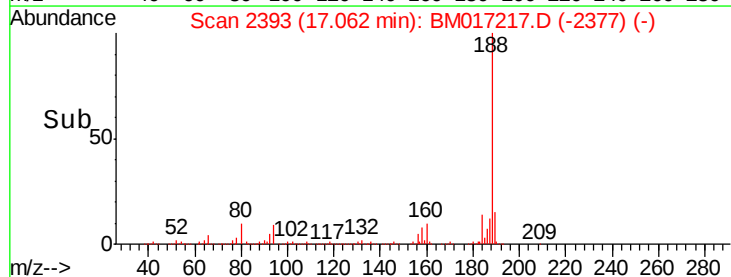
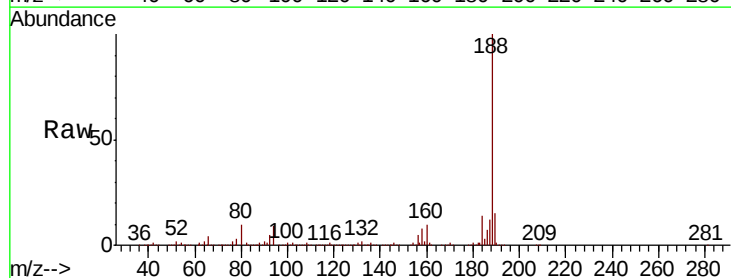
Tgt Ion: 188 Resp: 1894421

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	10.0	7.7	11.5

188 100

94 8.7 7.0 10.4

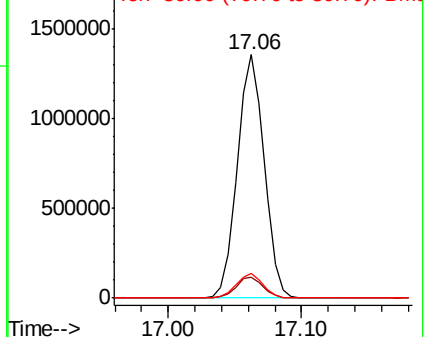
80 10.0 7.7 11.5

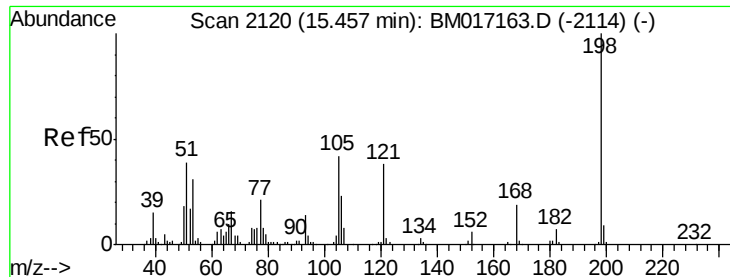


Abundance Ion 188.00 (187.70 to 188.70): BM017217.D (-2377) (-)

1500000 Ion 94.00 (93.70 to 94.70): BM017217.D (-2377) (-)

1000000 Ion 80.00 (79.70 to 80.70): BM017217.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 43.591 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

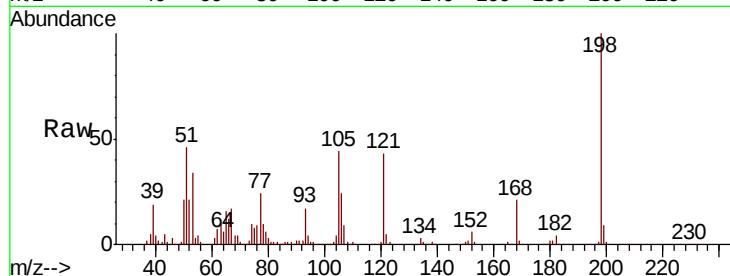
Instrument :

BNA_M

ClientSampleId :

Tot Ion:198 Resp: 521121

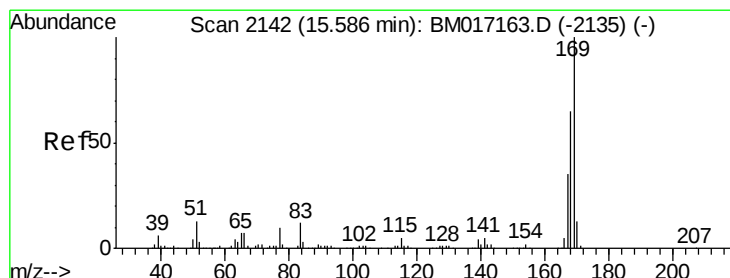
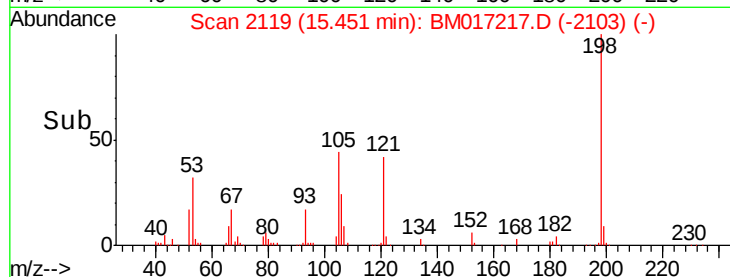
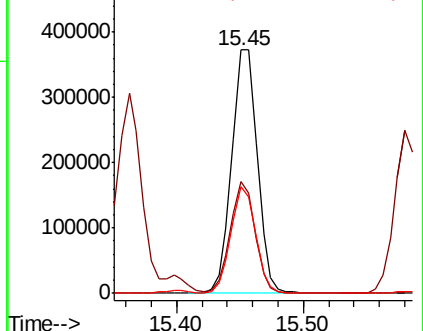
Ion	Ratio	Lower	Upper
198	100		
51	46.1	20.3	60.3
105	43.8	21.9	61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.478 ng

RT: 15.58 min Scan# 2141

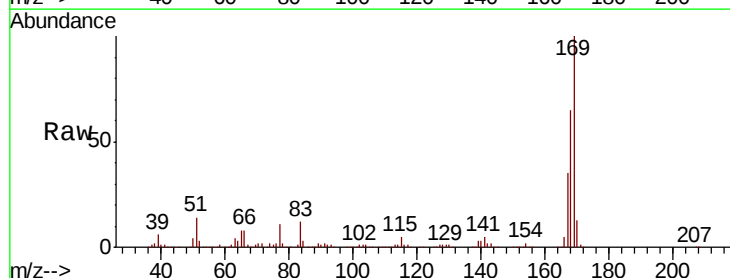
Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Tgt Ion:169 Resp: 2434670

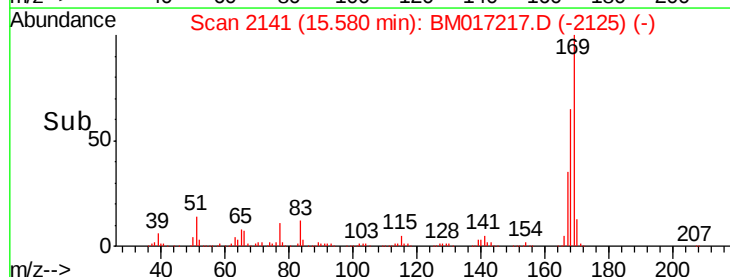
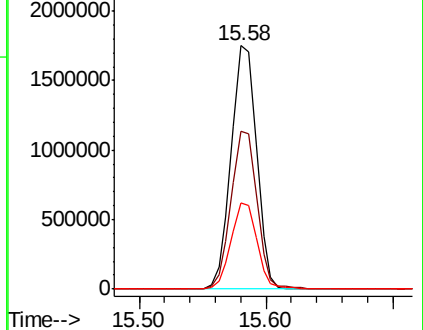
Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.2	78.4
167	35.4	28.4	42.6

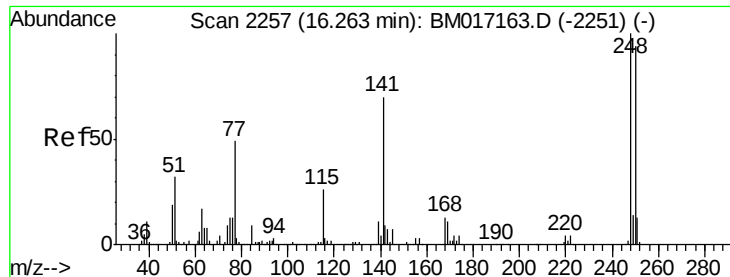


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

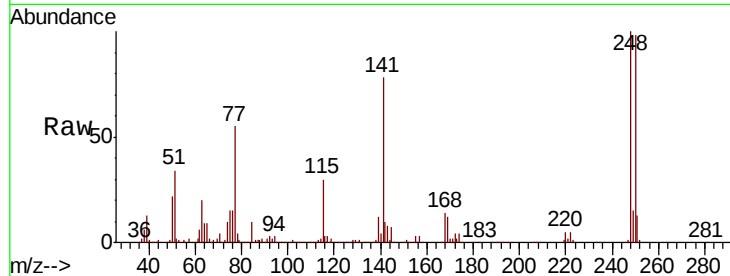




#67
4-Bromophenyl-phenylether
Concen: 43.544 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	75.1	112.7
141	77.5	55.6	83.4

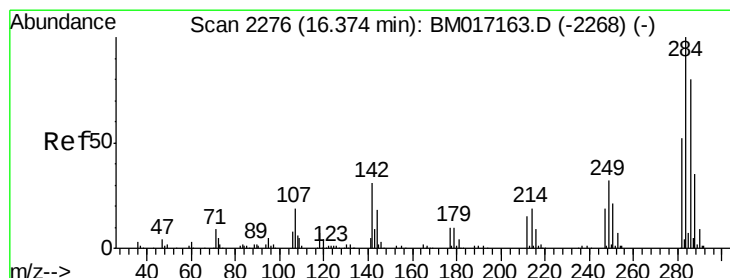
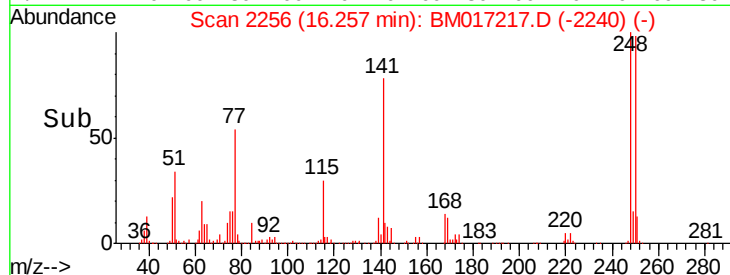
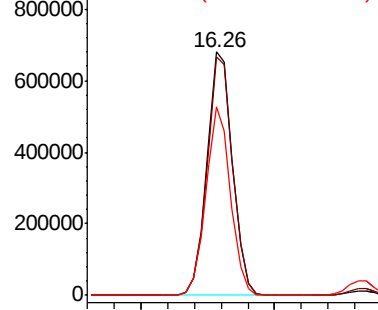


Abundance

Ion 248.00 (247.70 to 248.70): E

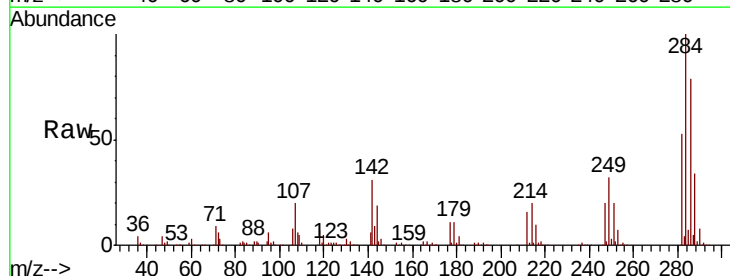
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.185 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.0	37.6
249	32.1	25.5	38.3

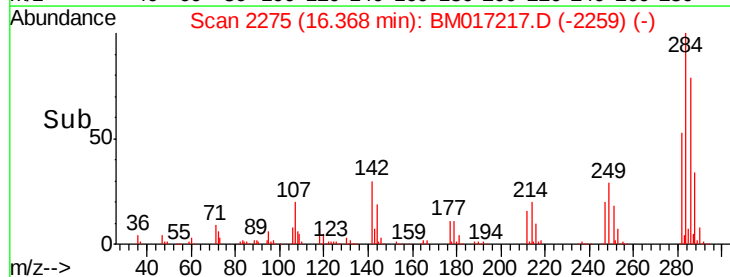
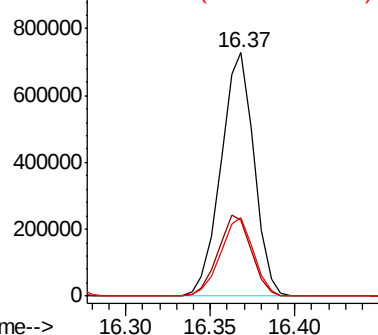


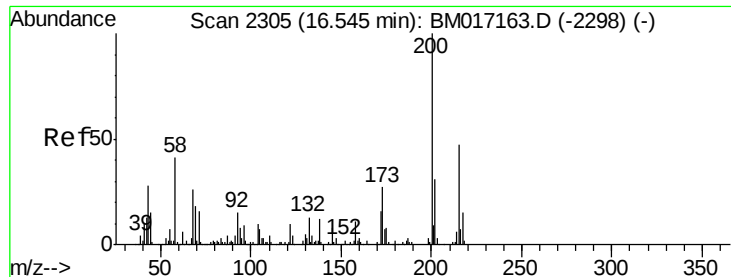
Abundance

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

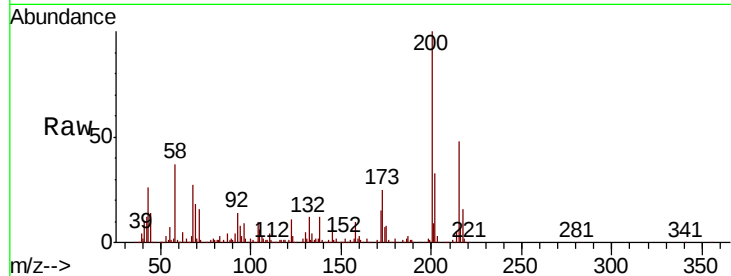




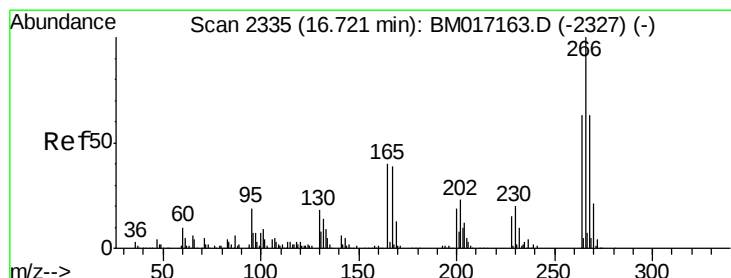
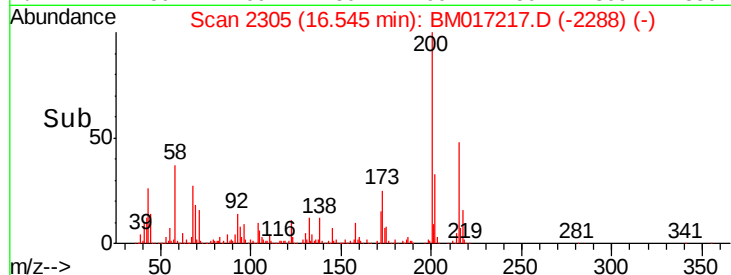
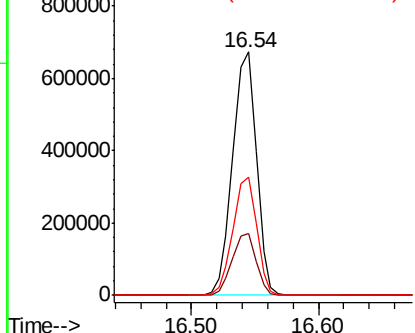
#69
Atrazine
Concen: 42.720 ng
RT: 16.54 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	7.0	47.0
215	48.3	27.3	67.3

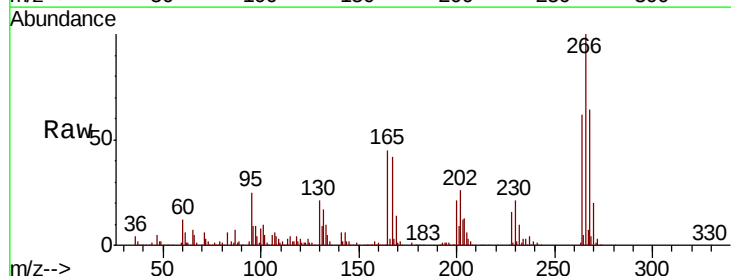


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

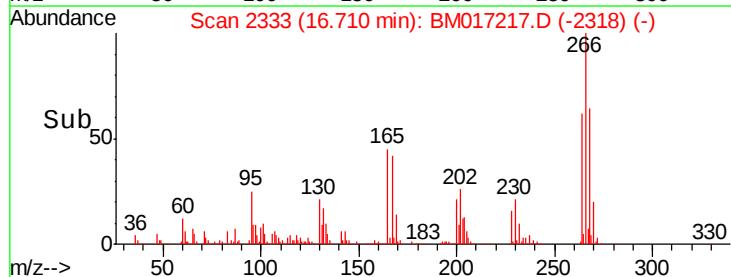
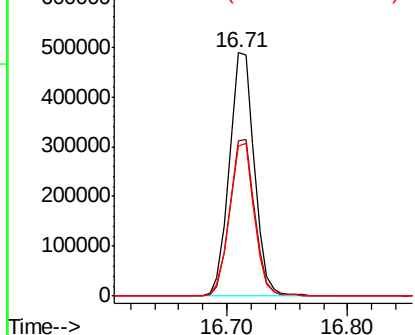


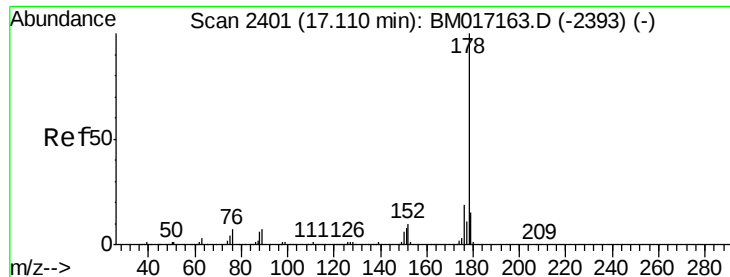
#70
Pentachlorophenol
Concen: 42.625 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.7	76.1
264	61.7	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

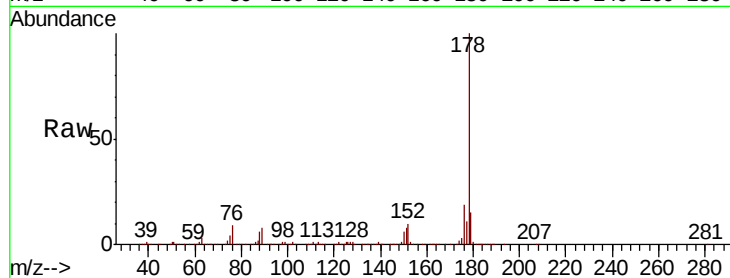




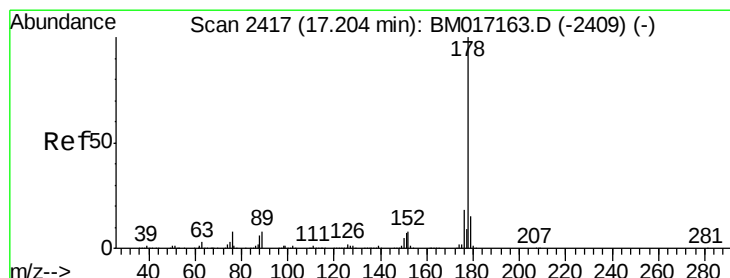
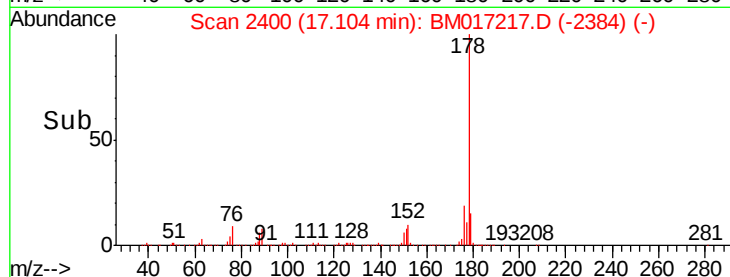
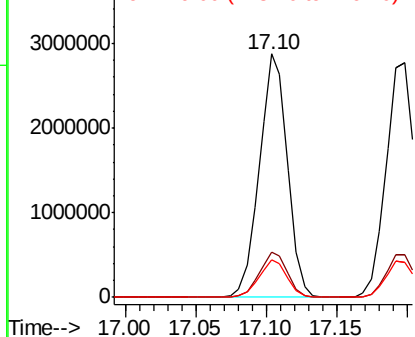
#71
Phenanthrene
Concen: 39.195 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 4006133
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.2 12.3 18.5

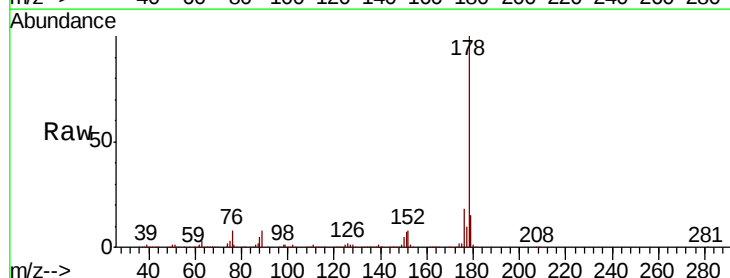


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

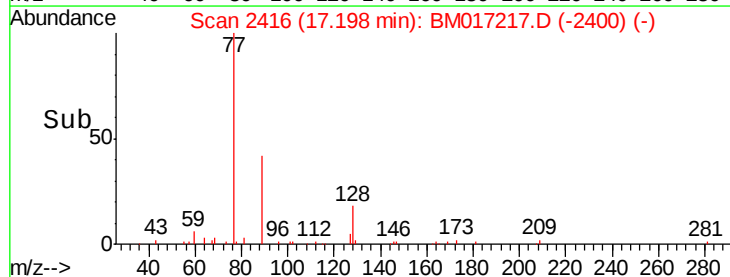
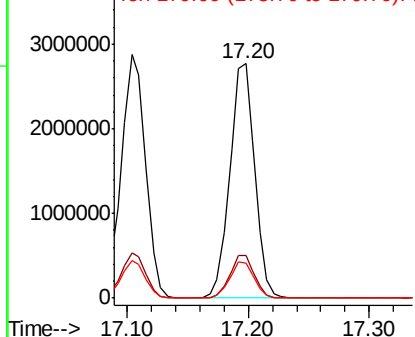


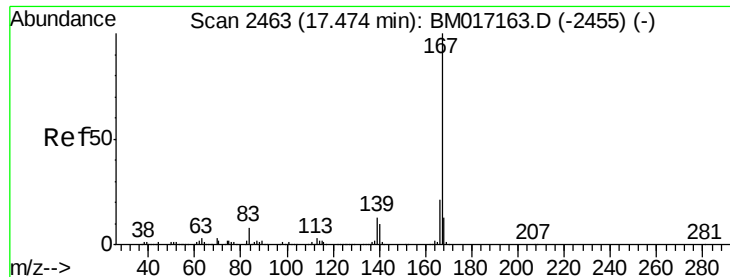
#72
Anthracene
Concen: 40.729 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion:178 Resp: 3955571
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.2 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



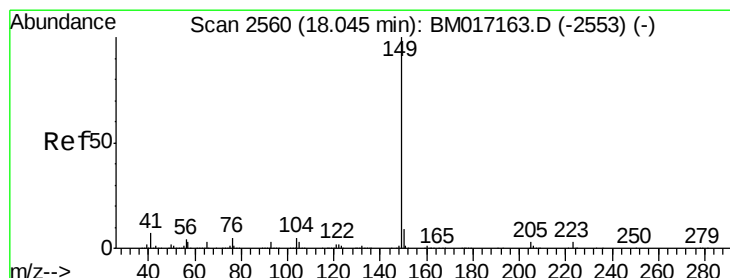
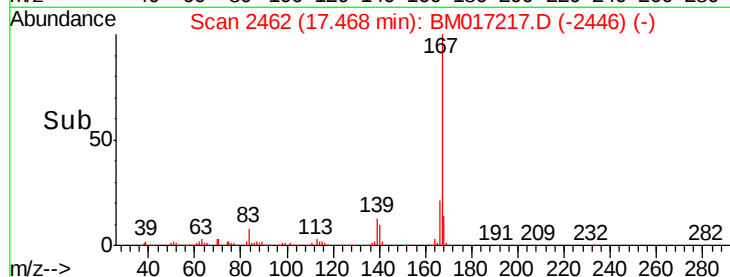
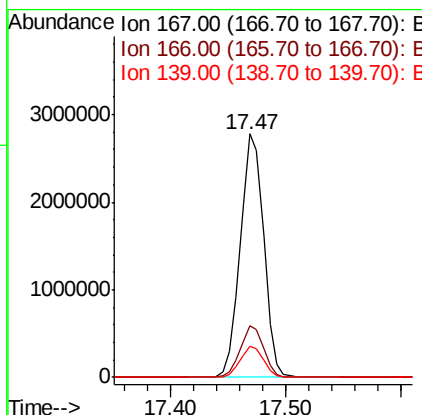
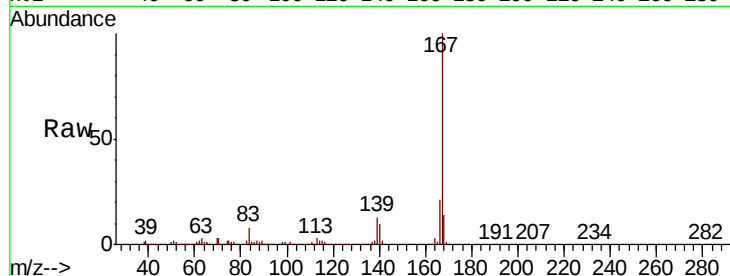


#73
 Carbazole
 Concen: 39.386 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3907316

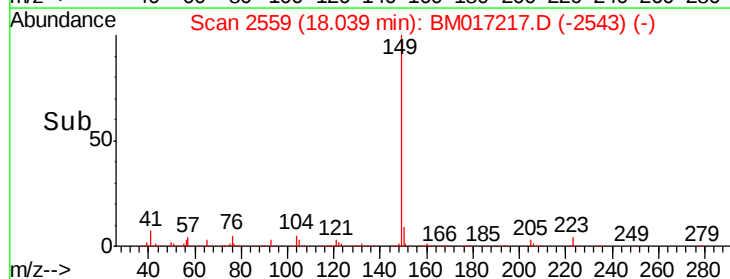
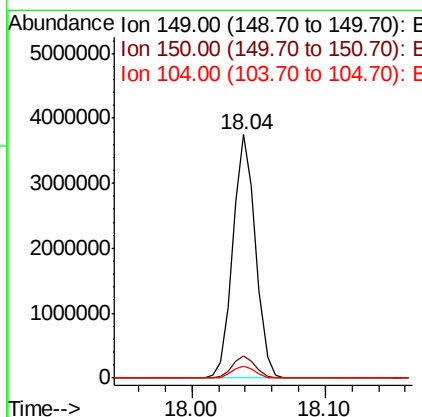
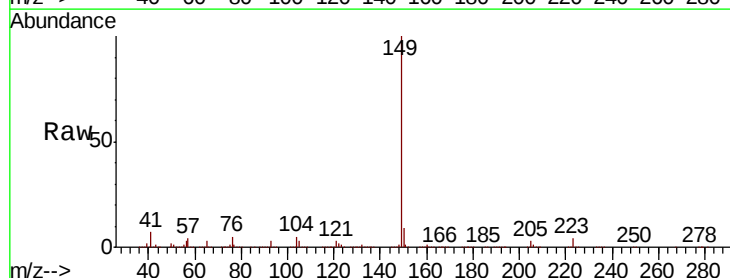
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.9	10.1	15.1

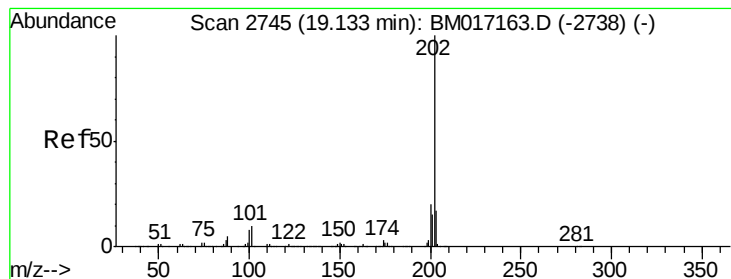


#74
 Di-n-butylphthalate
 Concen: 42.412 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

Tgt Ion:149 Resp: 4437814

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 37.804 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

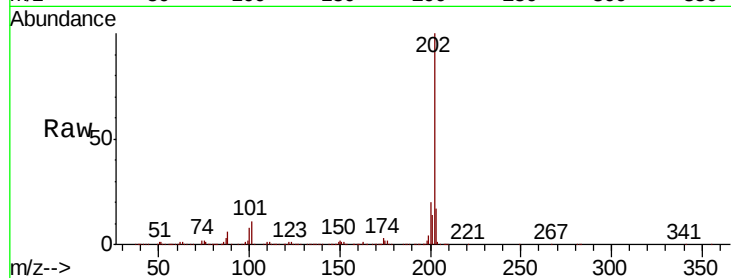
Tot Ion:202 Resp: 4347972

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.0

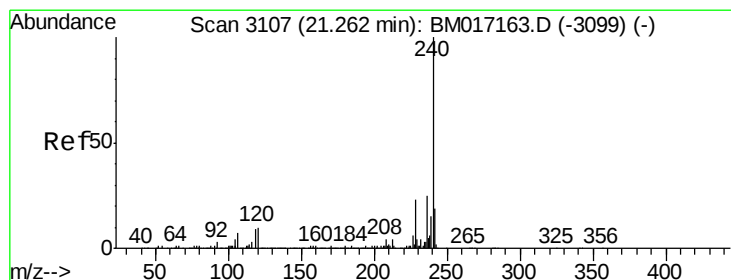
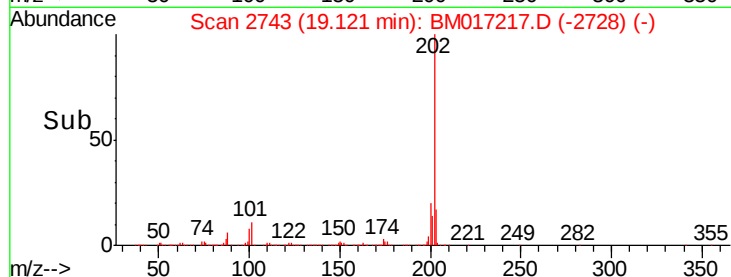
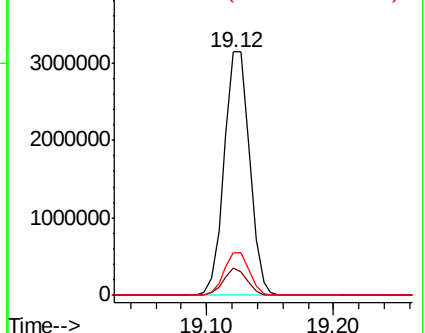
203 17.4 0.0 37.2



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: BM017217.D

Acq: 19 Oct 2018 06:41

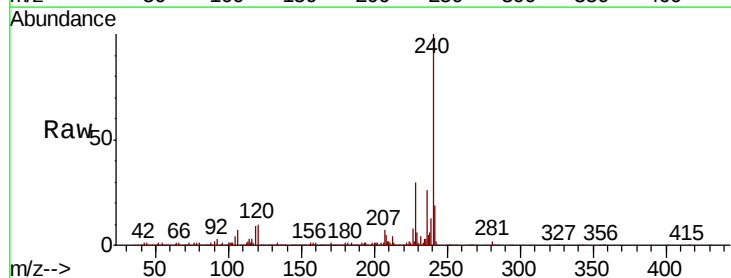
Tgt Ion:240 Resp: 1698468

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

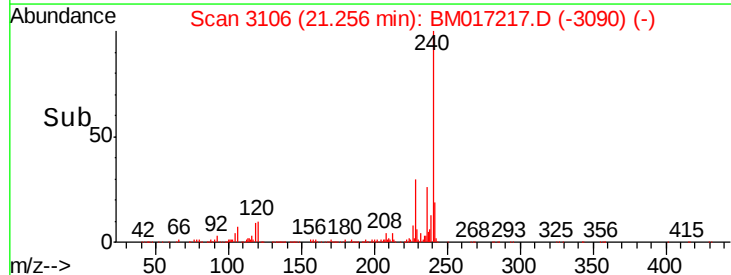
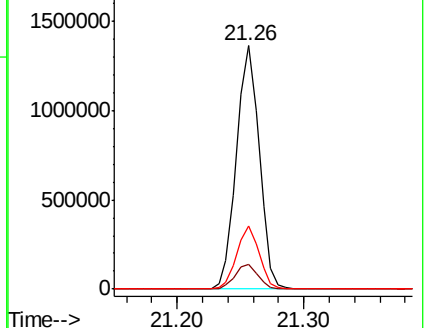
236 25.9 19.9 29.9

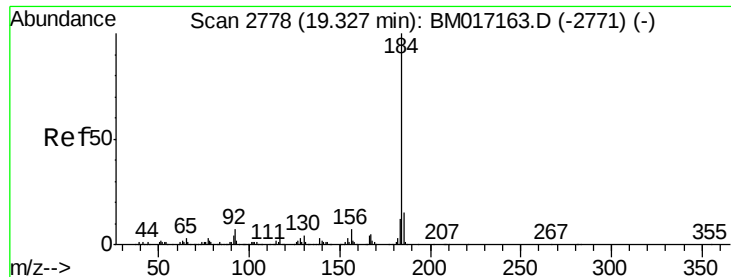


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.871 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

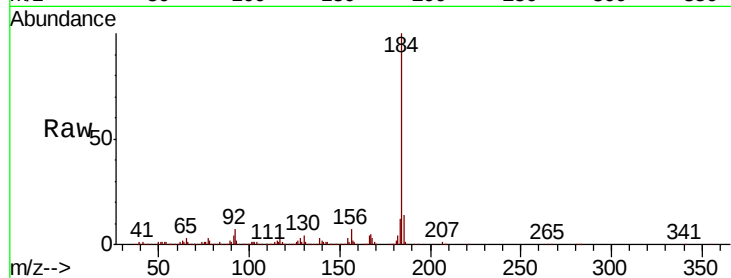
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2061656

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.8
183	11.9	9.7	14.5

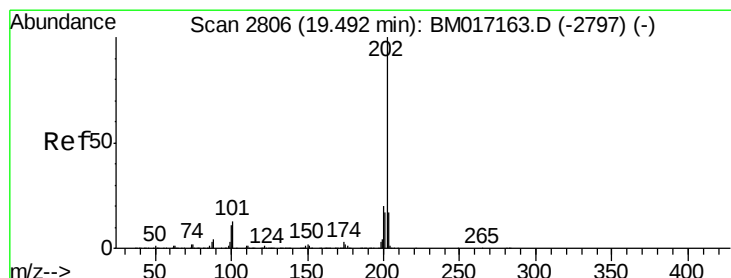
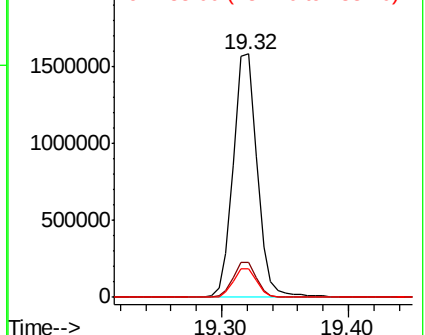
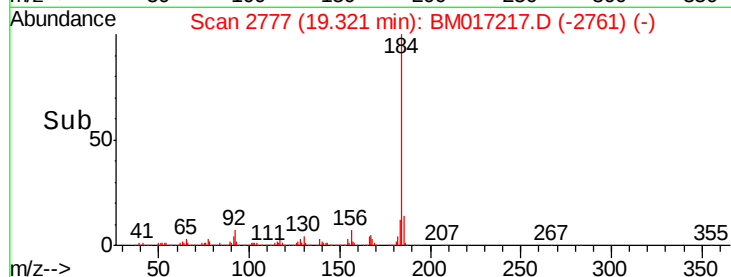


Abundance

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: 47.386 ng

RT: 19.49 min Scan# 2805

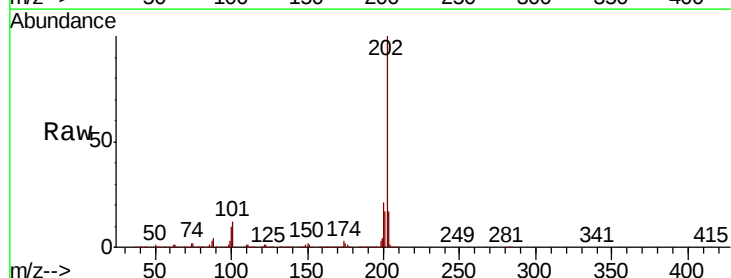
Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Tgt Ion:202 Resp: 4498252

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.5	13.9	20.9

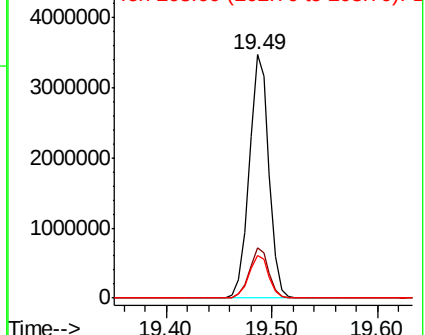
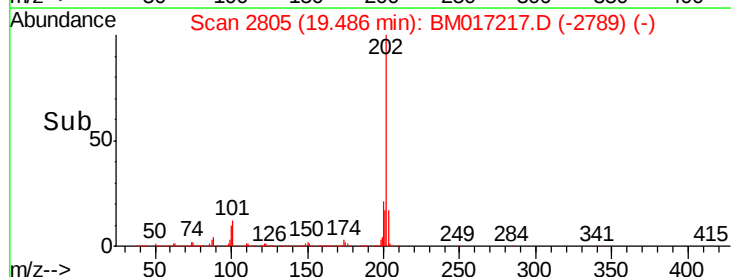


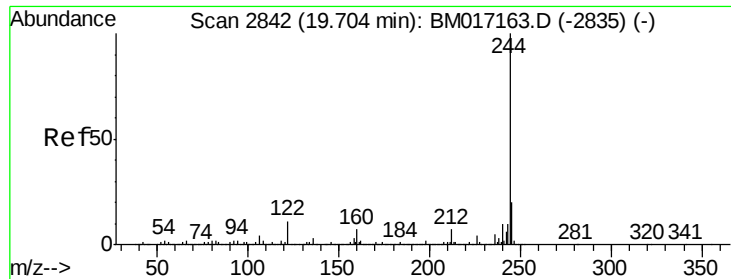
Abundance

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: 92.289 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

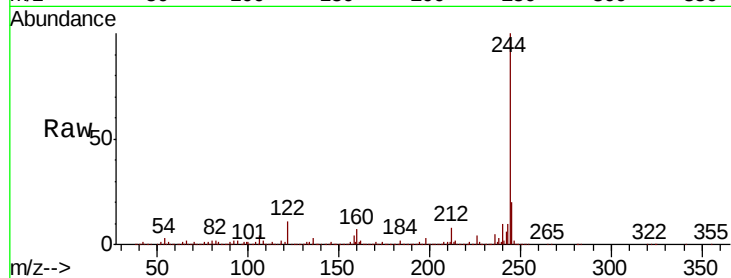
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 6954265

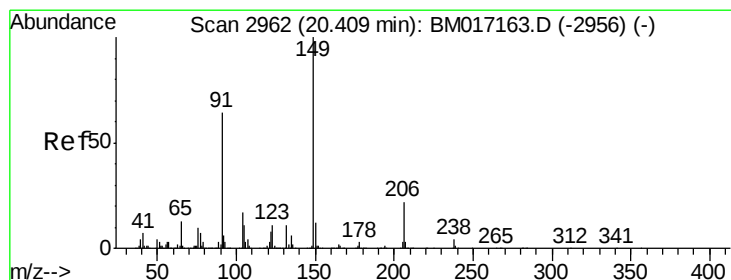
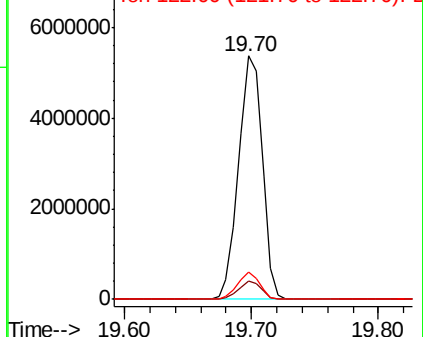
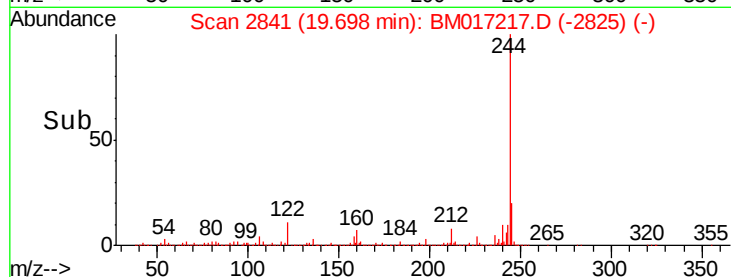
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.5	8.3
122	11.1	8.4	12.6



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: 47.866 ng

RT: 20.40 min Scan# 2961

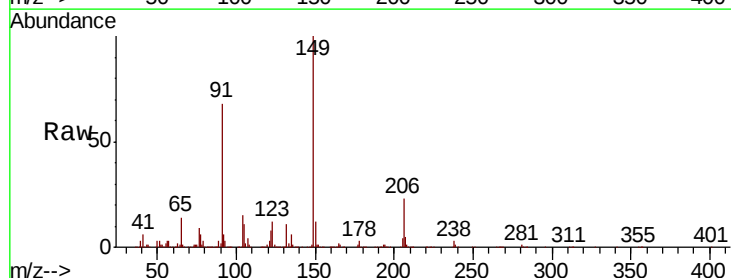
Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Tgt Ion:149 Resp: 1728223

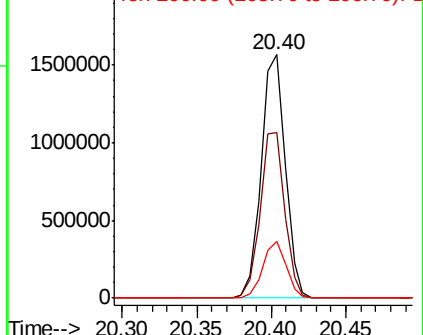
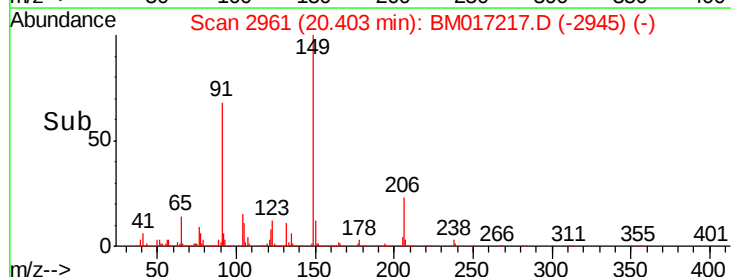
Ion	Ratio	Lower	Upper
149	100		
91	68.1	51.3	76.9
206	23.4	18.0	27.0

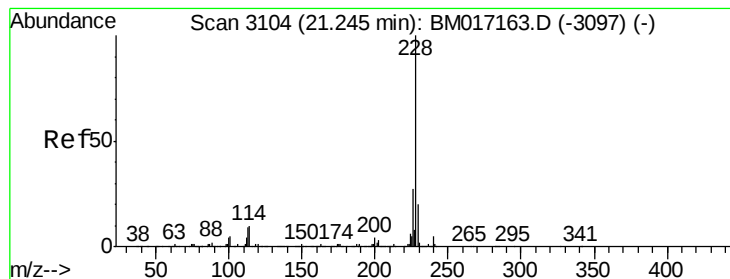


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.574 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

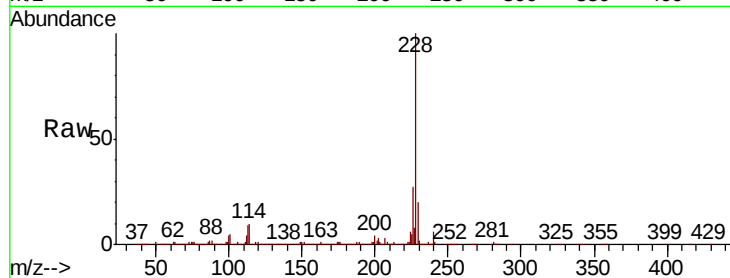
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3878059

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.0
229	19.9	15.9	23.9

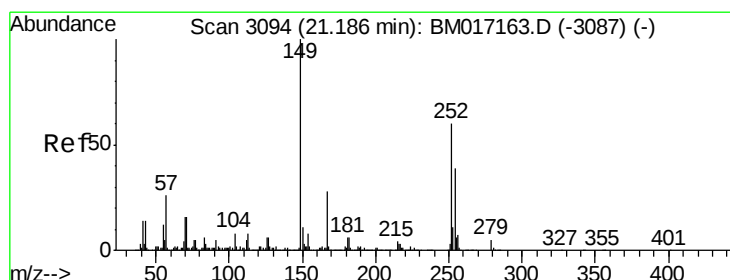
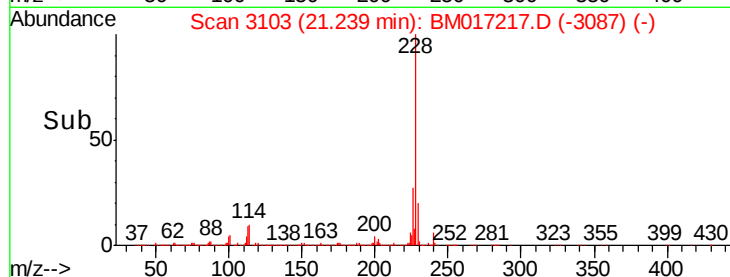
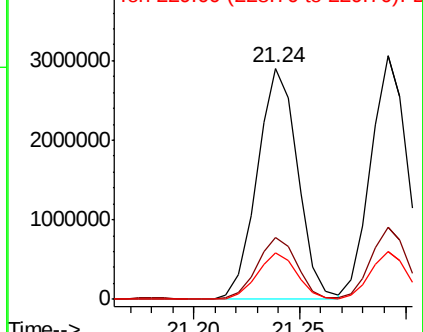


Abundance

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: 41.722 ng

RT: 21.18 min Scan# 3093

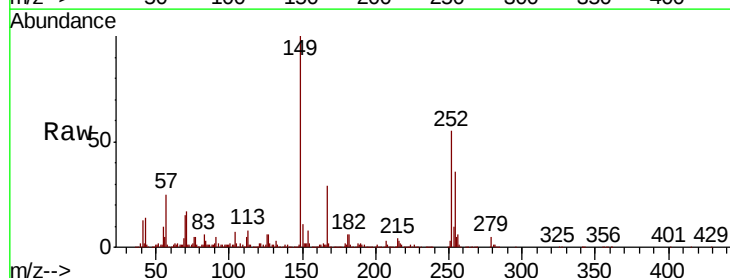
Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Tgt Ion:252 Resp: 1486246

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	11.0	8.6	12.8

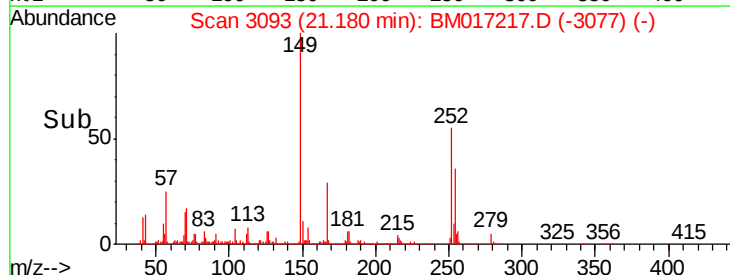
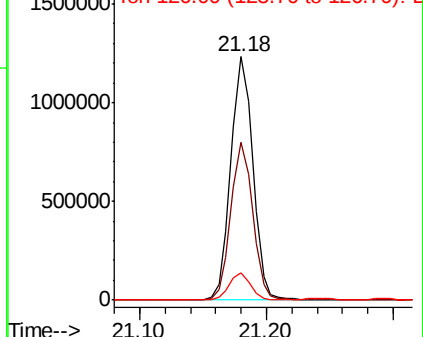


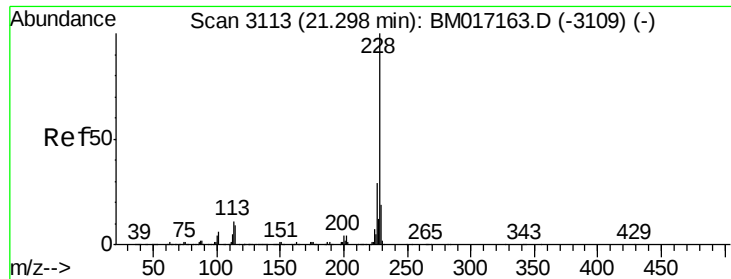
Abundance

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

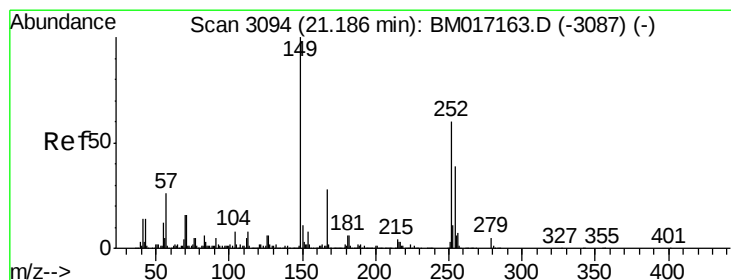
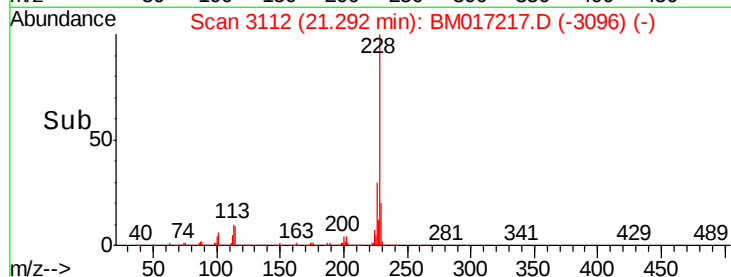
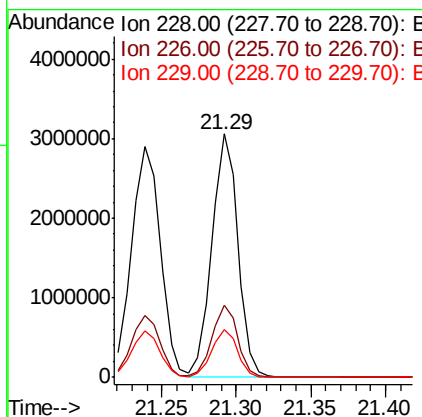
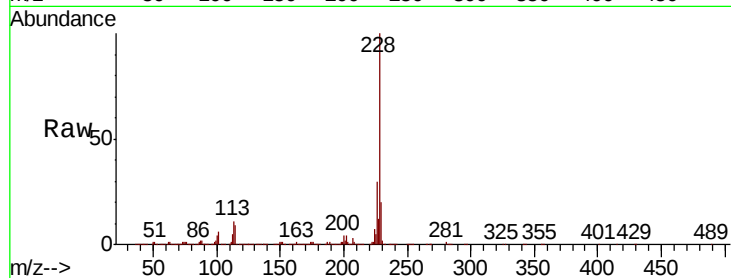




#83
 Chrvsene
 Concen: 39.242 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

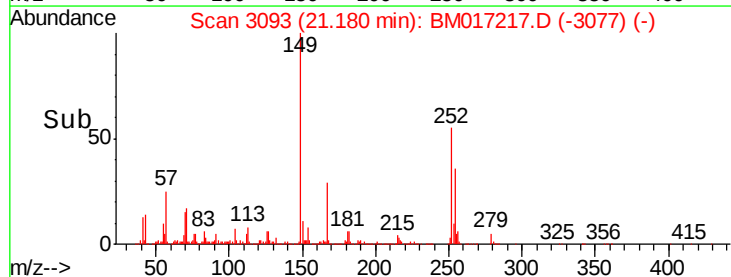
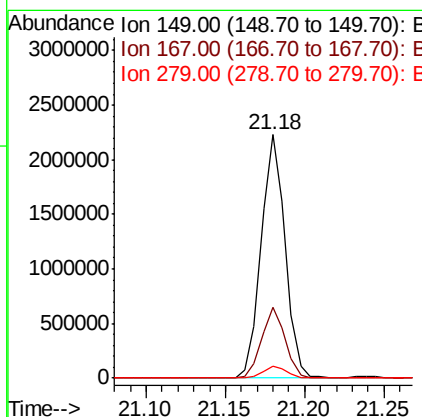
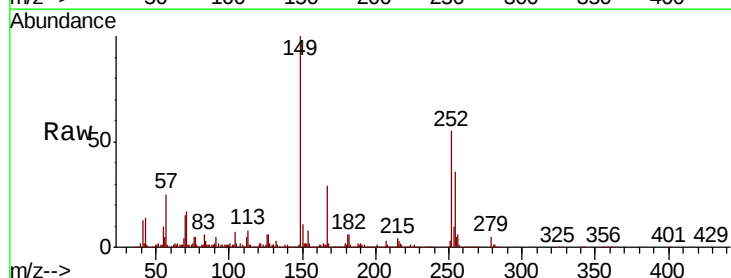
Instrument :
 BNA_M
 ClientSampleId :

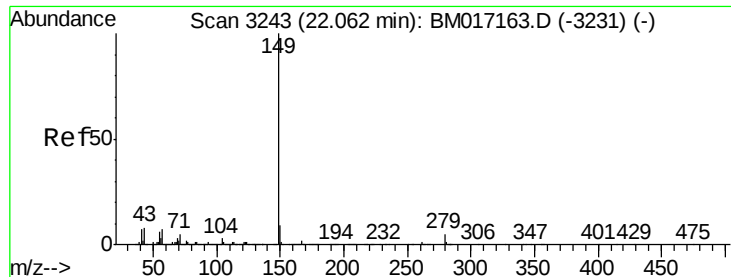
Tot Ion:228 Resp: 3712487
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.3 34.9
 229 19.5 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.294 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM017217.D
 Acq: 19 Oct 2018 06:41

Tgt Ion:149 Resp: 2360465
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.2 33.4
 279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 39.504 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

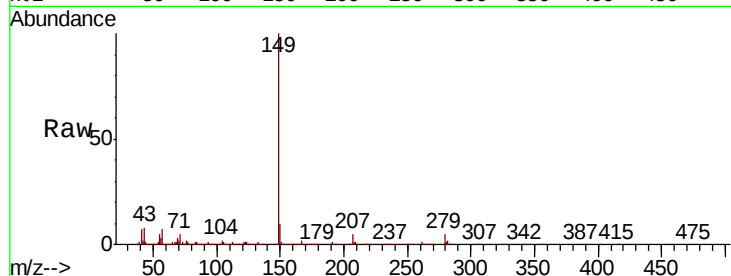
Tot Ion:149 Resp: 3594399

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

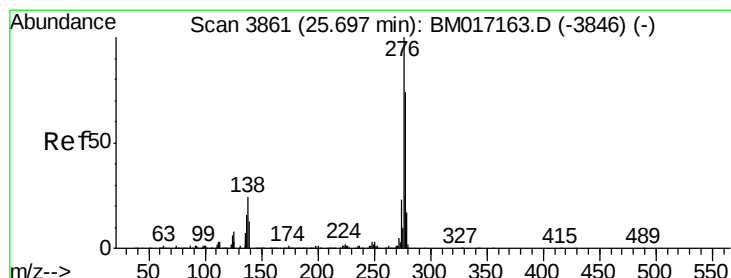
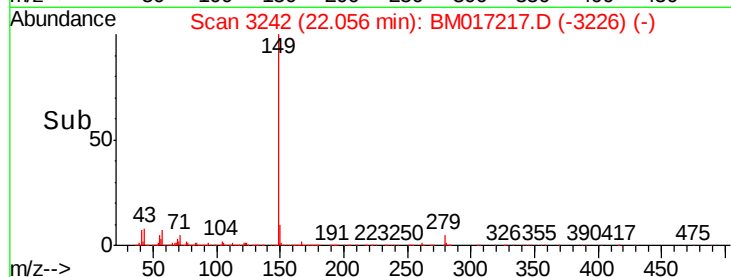
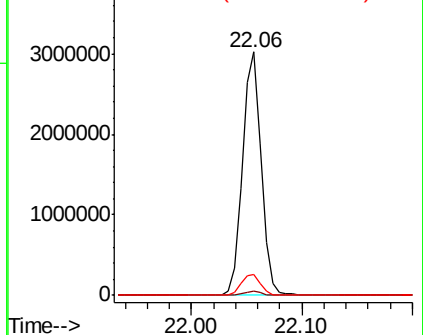
43 8.8 7.2 10.8



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: 34.272 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

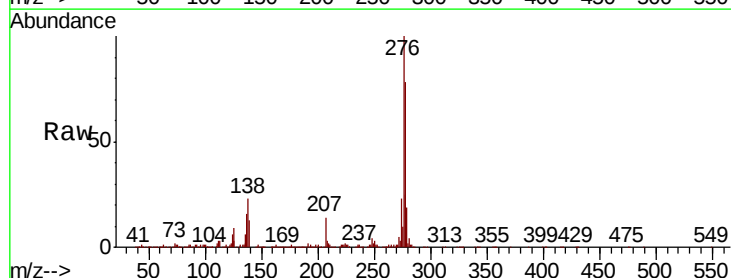
Tgt Ion:276 Resp: 3626413

Ion Ratio Lower Upper

276 100

138 23.0 19.5 29.3

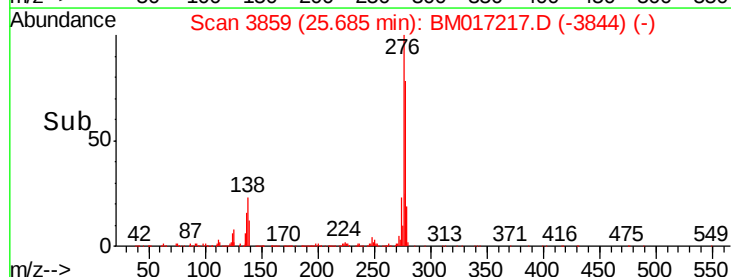
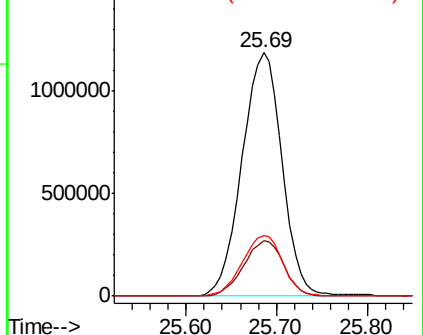
277 25.2 20.1 30.1

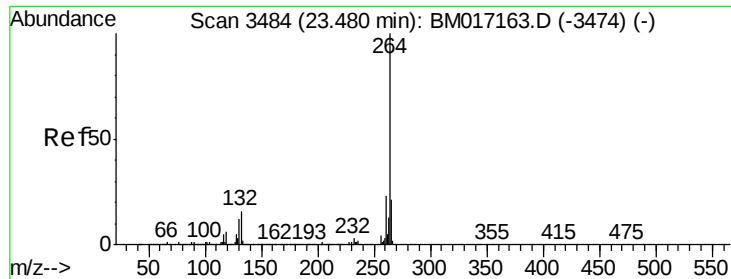


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



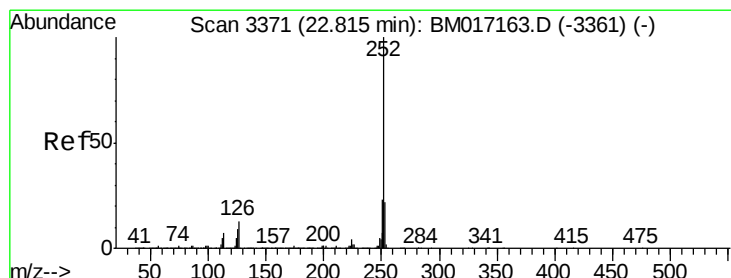
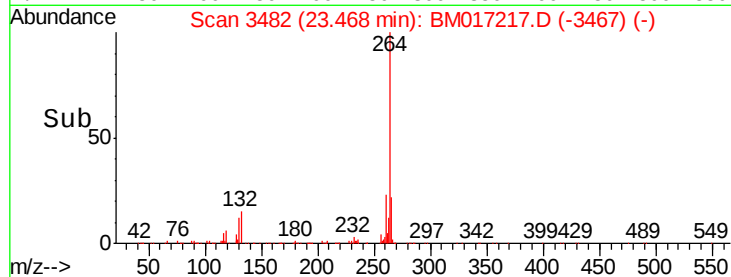
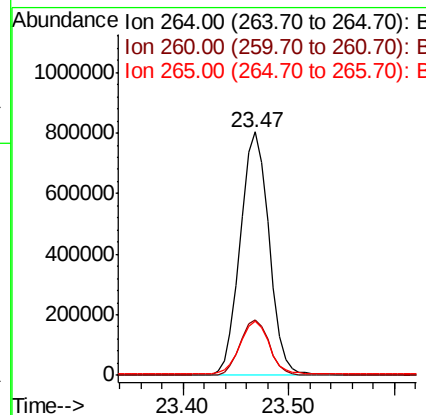
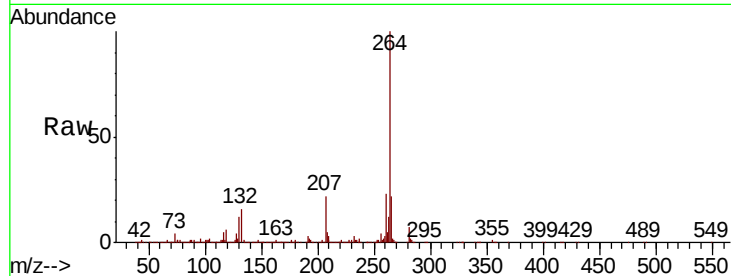


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1528425

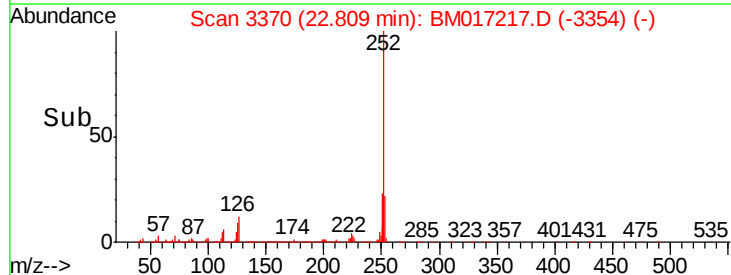
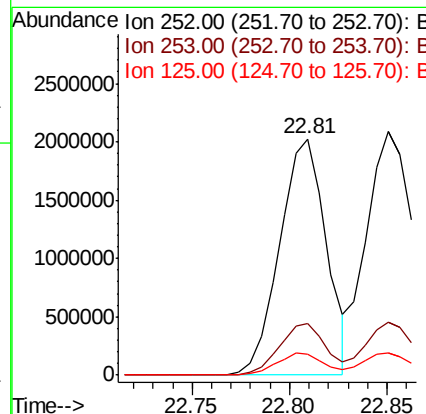
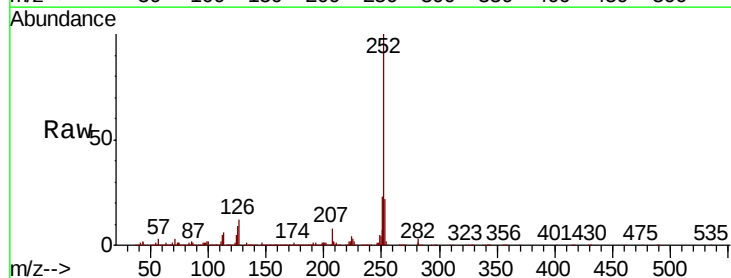
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	22.3	17.8	26.8

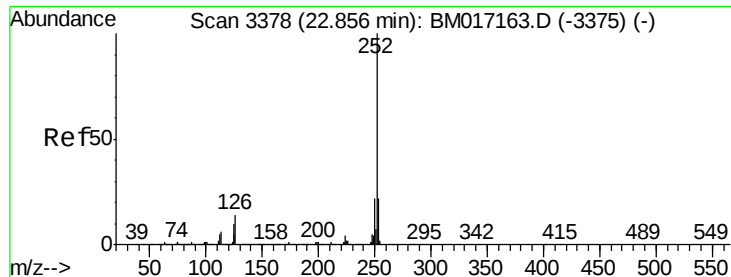


#88
Benzo(b)fluoranthene
Concen: 40.173 ng
RT: 22.81 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM017217.D
Acq: 19 Oct 2018 06:41

Tgt Ion:252 Resp: 3357002

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	8.9	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 41.323 ng

RT: 22.85 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

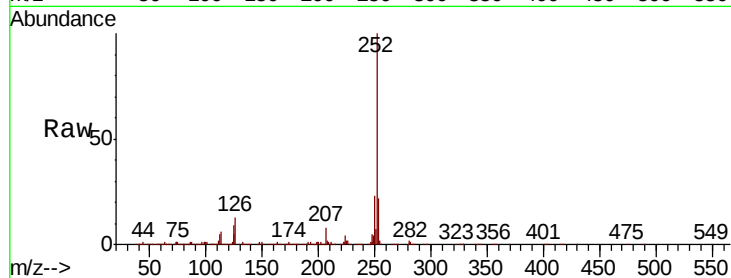
Tot Ion:252 Resp: 3464931

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

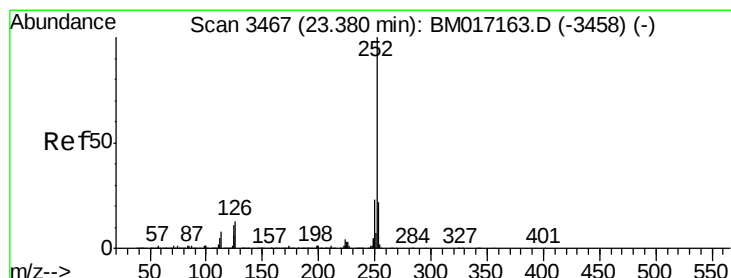
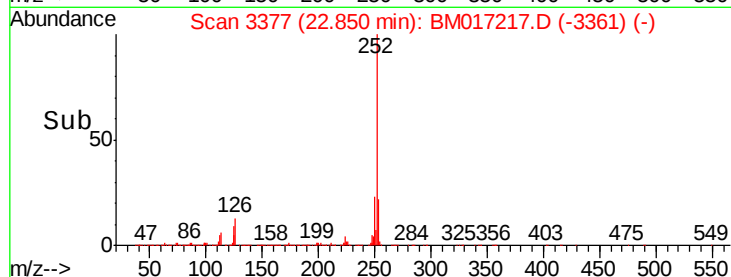
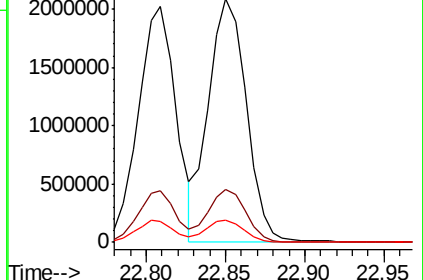
125 9.3 8.2 12.2



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: 40.645 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

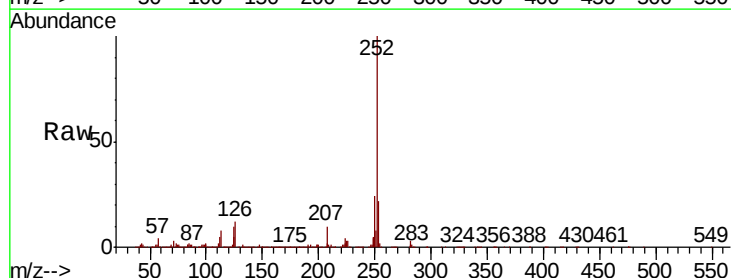
Tgt Ion:252 Resp: 3224880

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

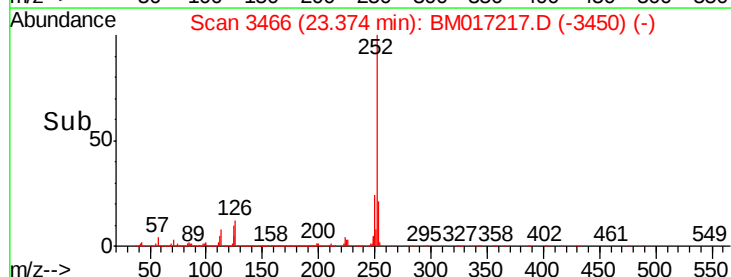
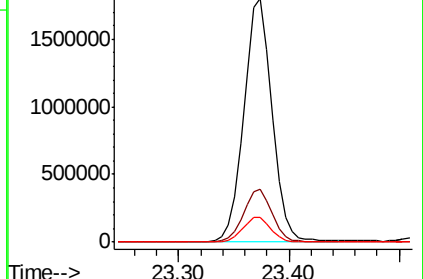
125 10.0 8.6 13.0

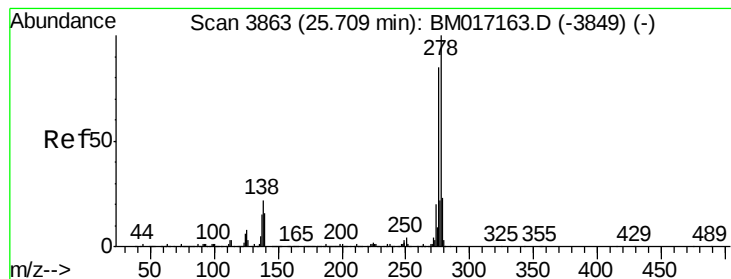


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.993 ng

RT: 25.70 min Scan# 3861

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

Instrument :

BNA_M

ClientSampleId :

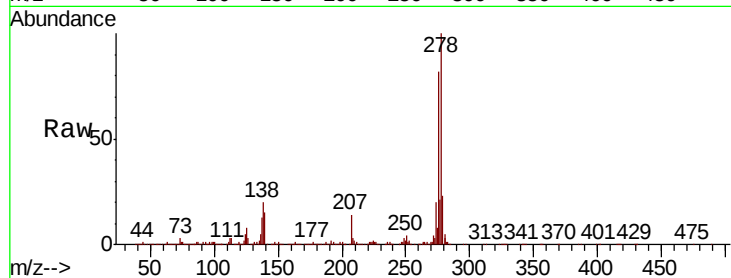
Tot Ion:278 Resp: 3072044

Ion Ratio Lower Upper

278 100

139 15.1 12.7 19.1

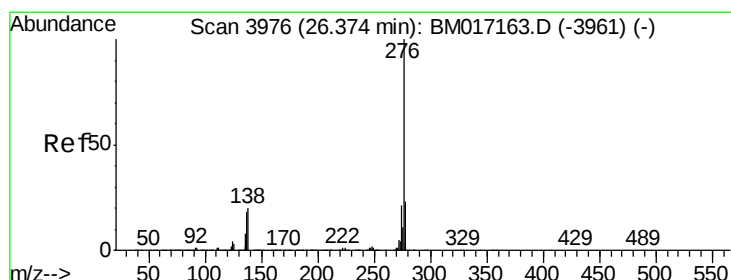
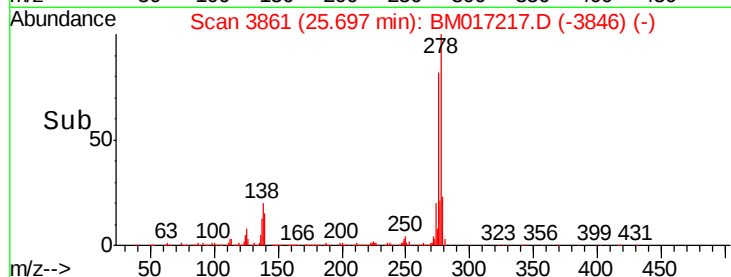
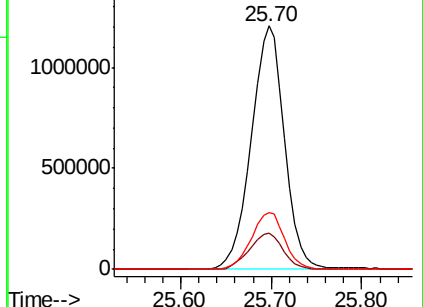
279 23.2 18.7 28.1



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: 38.839 ng

RT: 26.36 min Scan# 3974

Delta R.T. -0.01 min

Lab File: BM017217.D

Acq: 19 Oct 2018 06:41

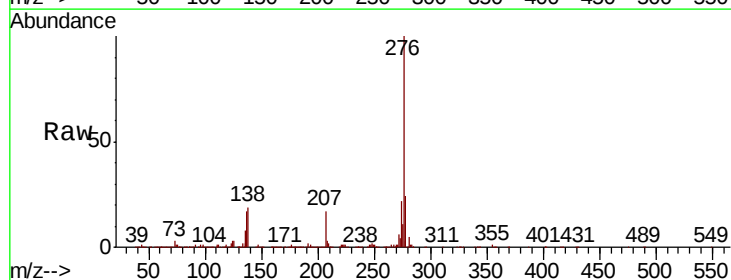
Tgt Ion:276 Resp: 3032695

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 19.4 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

