

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016558.D
 Acq On : 23 Aug 2018 16:17
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 23 16:57:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	166461	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	662357	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	534108	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1797446	20.00	ng	0.00
75) Chrysene-d12	21.54	240	2848677	20.00	ng	0.00
86) Perylene-d12	23.82	264	2835352	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	600464	70.69	ng	0.00
7) Phenol-d6	7.19	99	858869	76.41	ng	-0.01
23) Nitrobenzene-d5	9.20	82	1257381	86.68	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	1344727	90.07	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	5108490	91.94	ng	-0.01
78) Terphenyl-d14	19.99	244	11026888	81.93	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	175052	37.301	ng	# 100
3) Pyridine	3.80	79	348796	35.722	ng	# 81
4) n-Nitrosodimethylamine	3.72	42	169416	38.947	ng	# 65
6) Aniline	7.35	93	483706	38.454	ng	# 90
8) 2-Chlorophenol	7.57	128	392781	38.859	ng	# 93
9) Benzaldehyde	7.16	77	318681	40.851	ng	# 78
10) Phenol	7.22	94	415385	37.366	ng	# 89
11) bis(2-Chloroethyl)ether	7.44	93	306390	36.755	ng	# 98
12) 1,3-Dichlorobenzene	7.89	146	517227	38.595	ng	# 85
13) 1,4-Dichlorobenzene	8.05	146	522137	37.965	ng	# 95
14) 1,2-Dichlorobenzene	8.36	146	535548	39.636	ng	# 95
15) Benzyl Alcohol	8.27	79	382595	36.651	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.55	45	196795	34.285	ng	# 37
17) 2-Methylphenol	8.47	107	300335	37.308	ng	# 76
18) Hexachloroethane	9.07	117	256262	40.446	ng	# 44
19) n-Nitroso-di-n-propylamine	8.83	70	343291	38.952	ng	# 85
20) 3+4-Methylphenols	8.80	107	421940	37.909	ng	# 80
22) Acetophenone	8.86	105	631242	39.577	ng	# 97
24) Nitrobenzene	9.25	77	568044	39.191	ng	# 93
25) Isophorone	9.76	82	793511	40.928	ng	# 95
26) 2-Nitrophenol	9.95	139	253723	40.947	ng	# 47
27) 2,4-Dimethylphenol	10.00	122	311953	38.631	ng	# 75
28) bis(2-Chloroethoxy)methane	10.23	93	448104	38.718	ng	# 99
29) 2,4-Dichlorophenol	10.48	162	569956	47.160	ng	# 93
30) 1,2,4-Trichlorobenzene	10.68	180	914707	49.879	ng	# 93
31) Naphthalene	10.87	128	1243365	39.400	ng	# 98
32) Benzoic acid	10.22	122	181188	26.817	ng	# 85
33) 4-Chloroaniline	11.00	127	526700	39.658	ng	# 88
34) Hexachlorobutadiene	11.12	225	916752	52.376	ng	# 94
35) Caprolactam	11.84	113	117040	40.359	ng	# 47
36) 4-Chloro-3-methylphenol	12.13	107	469790	40.434	ng	# 95
37) 2-Methylnaphthalene	12.47	142	1036768	41.966	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1331662	44.146	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	719916	58.947	ng	# 98

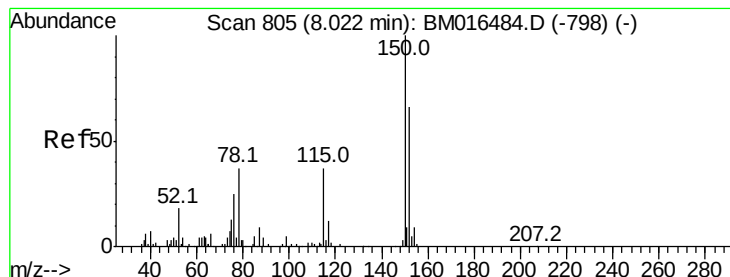
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016558.D
 Acq On : 23 Aug 2018 16:17
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 23 16:57:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	828413	45.925	nq	97
43) 2,4,5-Trichlorophenol	13.10	196	659060	37.404	nq	98
45) 1,1'-Biphenyl	13.49	154	1753436	37.440	nq	98
46) 2-Chloronaphthalene	13.54	162	1482025	38.951	nq	99
47) 2-Nitroaniline	13.77	65	345325	34.074	nq	86
48) Acenaphthylene	14.38	152	2008383	37.394	nq	98
49) Dimethylphthalate	14.12	163	2019587	39.358	nq #	97
50) 2,6-Dinitrotoluene	14.26	165	415627	41.527	nq #	82
51) Acenaphthene	14.72	154	1237499	37.504	nq	97
52) 3-Nitroaniline	14.60	138	310334	34.077	nq #	75
53) 2,4-Dinitrophenol	14.84	184	95041	18.975	nq #	70
54) Dibenzofuran	15.06	168	2673060	42.319	nq	98
55) 4-Nitrophenol	14.92	139	186477	32.104	nq #	80
56) 2,4-Dinitrotoluene	15.06	165	684733	41.028	nq #	89
57) Fluorene	15.70	166	2008508	42.092	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	776636	45.859	nq #	100
59) Diethylphthalate	15.47	149	1984162	37.085	nq #	93
60) 4-Chlorophenyl-phenylether	15.69	204	1794870	44.854	nq #	85
61) 4-Nitroaniline	15.77	138	317760	35.702	nq #	1
62) Azobenzene	15.99	77	2093662	36.739	nq	87
64) 4,6-Dinitro-2-methylphenol	15.83	198	365155	26.737	nq #	55
65) n-Nitrosodiphenylamine	15.92	169	1885102	37.280	nq	99
66) 4-Bromophenyl-phenylether	16.58	248	1113146	40.305	nq	98
67) Hexachlorobenzene	16.70	284	1307413	40.592	nq	98
68) Atrazine	16.86	200	973875	42.201	nq	92
69) Pentachlorophenol	17.05	266	636219	37.333	nq	98
70) Phenanthrene	17.44	178	3605446	38.809	nq	99
71) Anthracene	17.53	178	3574281	38.745	nq	99
72) Carbazole	17.81	167	3065660	36.978	nq	98
73) Di-n-butylphthalate	18.33	149	3556162	35.184	nq #	97
74) Fluoranthene	19.44	202	5596335	41.085	nq	94
76) Benzidine	19.63	184	2527483	46.136	nq	98
77) Pyrene	19.80	202	5942338	38.384	nq	99
79) Butylbenzylphthalate	20.66	149	1816940	34.001	nq #	79
80) Benzo(a)anthracene	21.53	228	6501297	38.819	nq	99
81) 3,3'-Dichlorobenzidine	21.46	252	2827056	37.922	nq #	97
82) Chrysene	21.57	228	6088060	38.099	nq	99
83) Bis(2-ethylhexyl)phthalate	21.42	149	2714485	34.169	nq #	98
84) Di-n-octyl phthalate	22.30	149	4408224	33.391	nq #	92
85) Indeno(1,2,3-cd)pyrene	26.15	276	7907625	34.410	nq #	92
87) Benzo(b)fluoranthene	23.14	252	6539437	40.010	nq #	90
88) Benzo(k)fluoranthene	23.18	252	6749877	40.588	nq #	92
89) Benzo(a)pyrene	23.73	252	6249281	39.295	nq #	95
90) Dibenzo(a,h)anthracene	26.14	278	6754912	37.900	nq #	87
91) Benzo(g,h,i)perylene	26.86	276	5792332	36.205	nq #	80

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

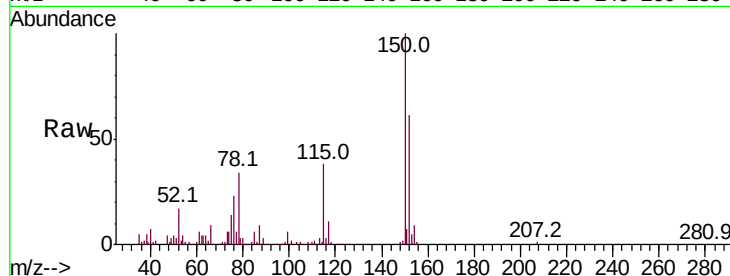


#1

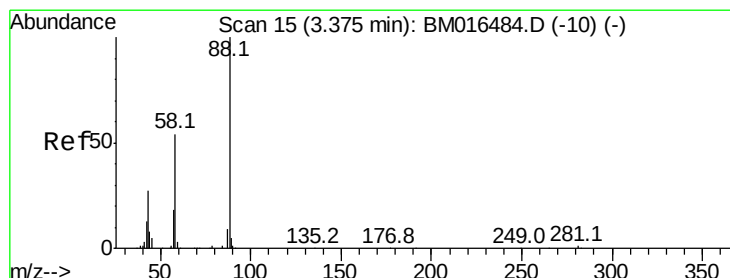
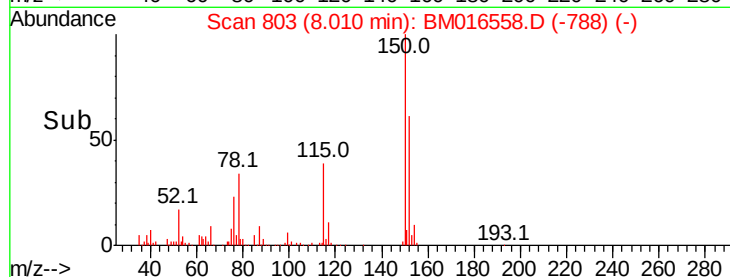
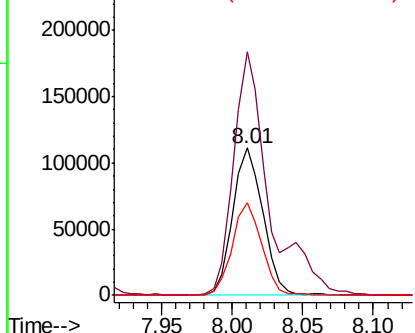
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 166461
Ion Ratio Lower Upper
152 100
150 165.0 119.5 179.3
115 63.0 43.0 64.4



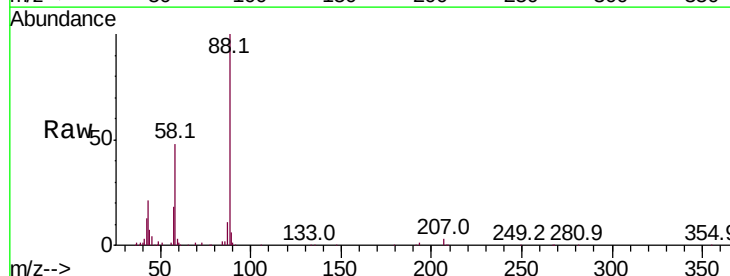
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



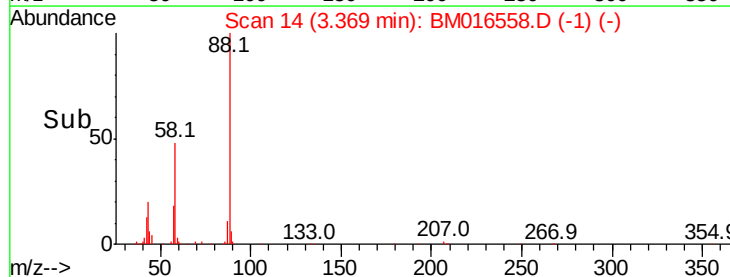
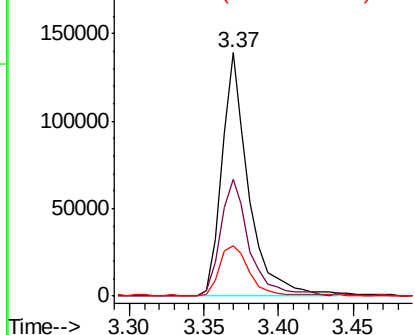
#2

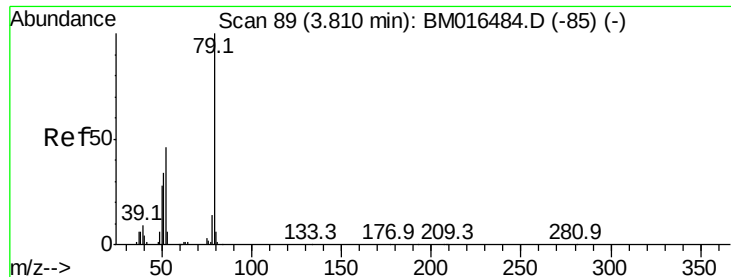
1,4-Dioxane
Concen: 37.301 ng
RT: 3.37 min Scan# 14
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Tgt Ion: 88 Resp: 175052
Ion Ratio Lower Upper
88 100
58 52.0 0.0 0.0#
43 24.4 0.0 0.0#



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: 35.722 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

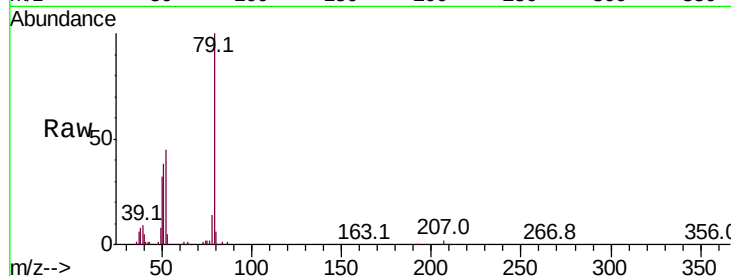
Tot Ion: 79 Resp: 348796

Ion Ratio Lower Upper

79 100

52 45.3 51.1 76.7#

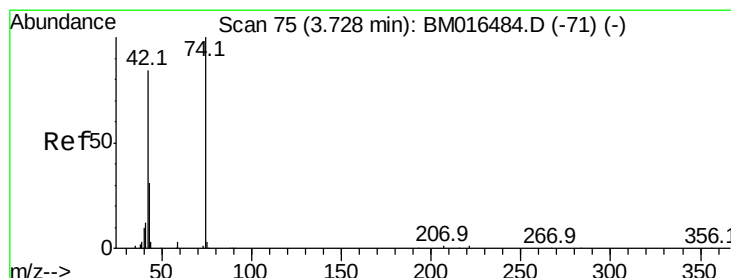
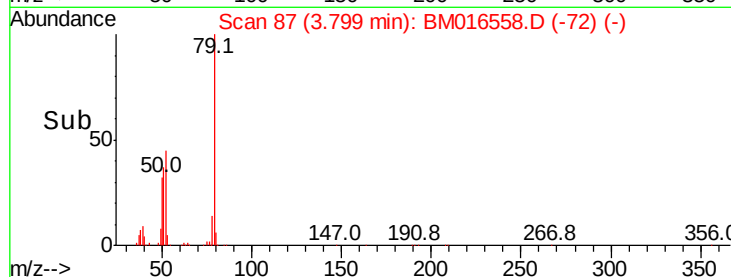
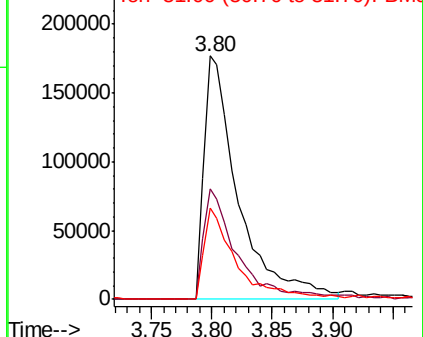
51 37.6 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-85) (-)

Ion 52.00 (51.70 to 52.70): BM016484.D (-85) (-)

Ion 51.00 (50.70 to 51.70): BM016484.D (-85) (-)



#4

n-Nitrosodimethylamine

Concen: 38.947 ng

RT: 3.72 min Scan# 74

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

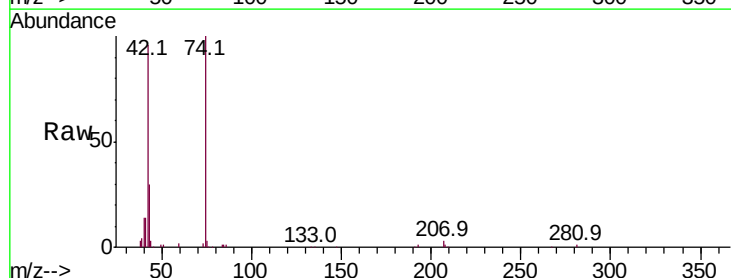
Tgt Ion: 42 Resp: 169416

Ion Ratio Lower Upper

42 100

74 103.8 119.3 178.9#

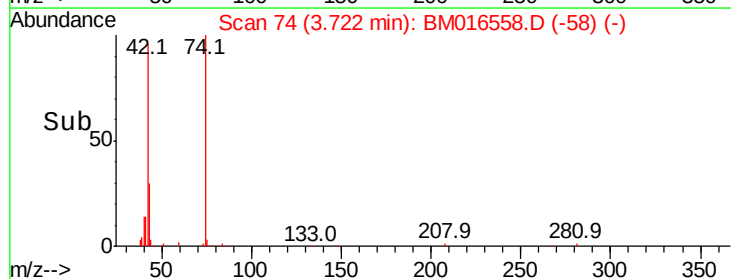
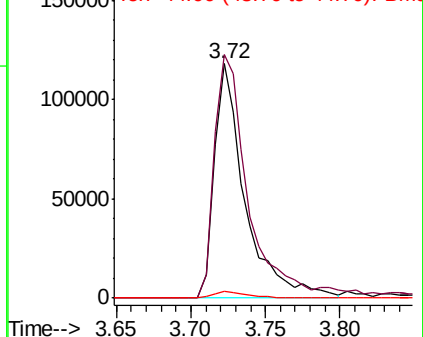
44 2.9 5.4 8.2#

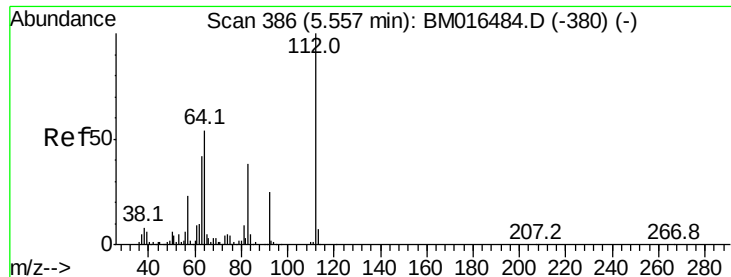


Abundance Ion 42.00 (41.70 to 42.70): BM016484.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM016484.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM016484.D (-71) (-)





#5

2-Fluorophenol

Concen: 70.687 ng

RT: 5.55 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampled :

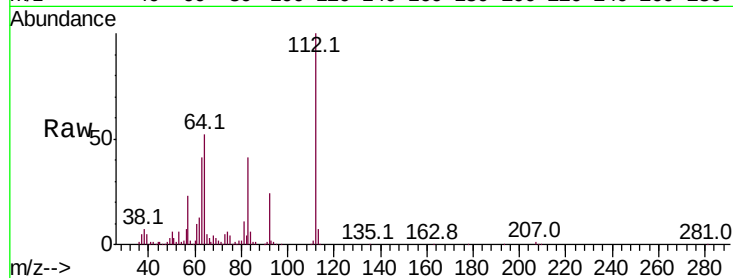
Tot Ion:112 Resp: 600464

Ion Ratio Lower Upper

112 100

64 51.6 38.6 57.8

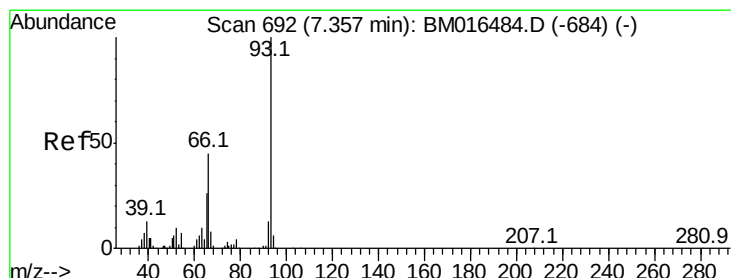
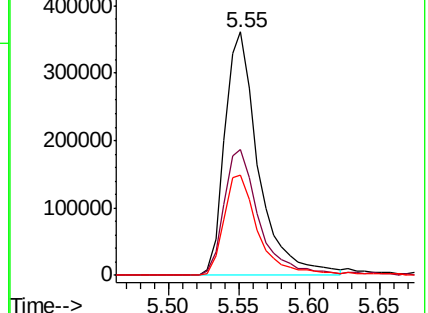
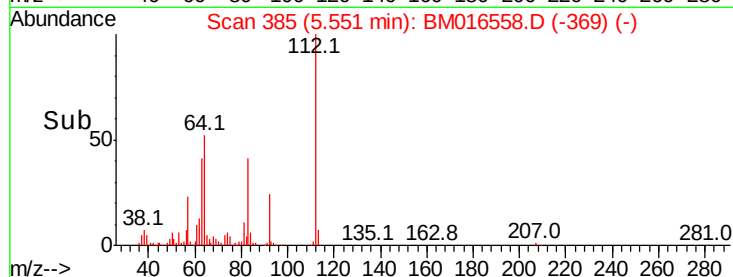
63 41.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.454 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

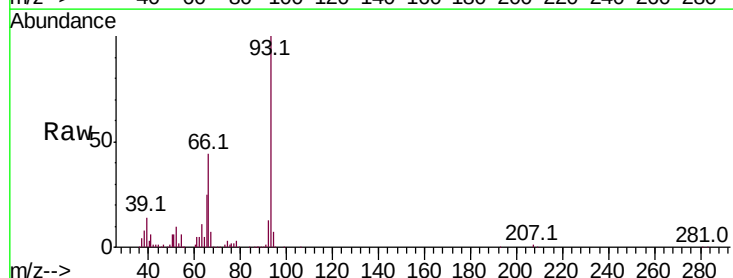
Tgt Ion: 93 Resp: 483706

Ion Ratio Lower Upper

93 100

66 44.0 30.8 46.2

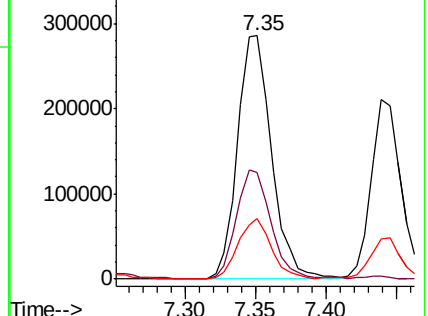
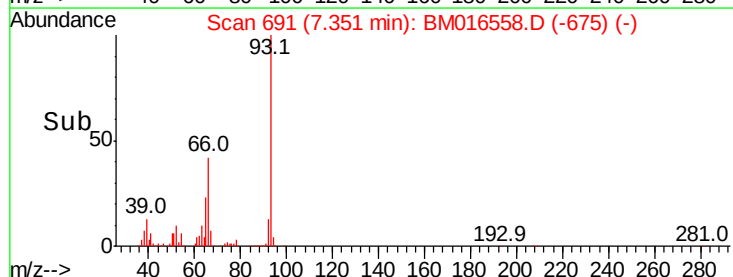
65 25.0 16.0 24.0#

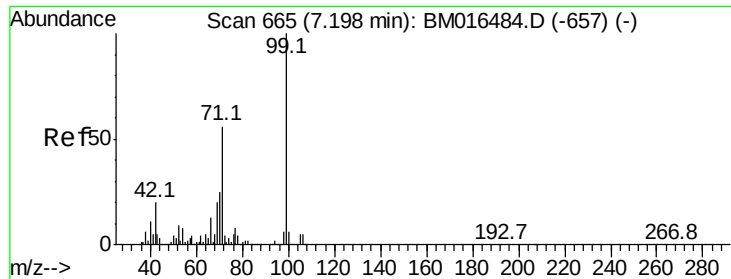


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 76.406 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

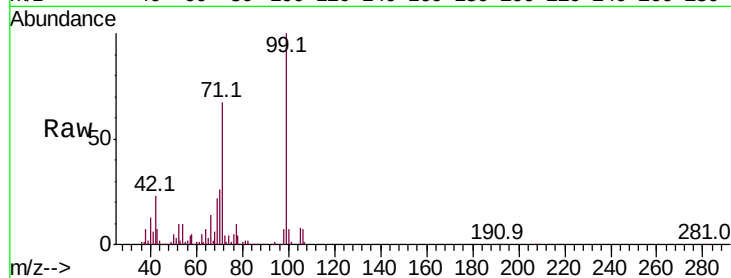
Tot Ion: 99 Resp: 858869

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

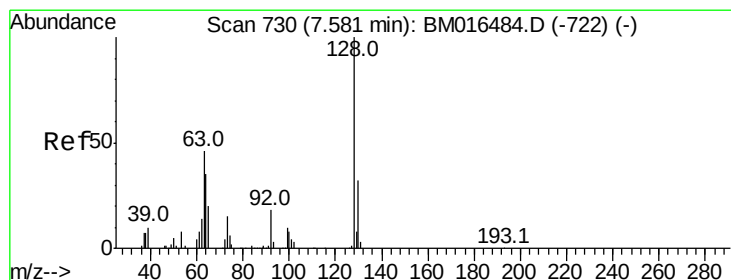
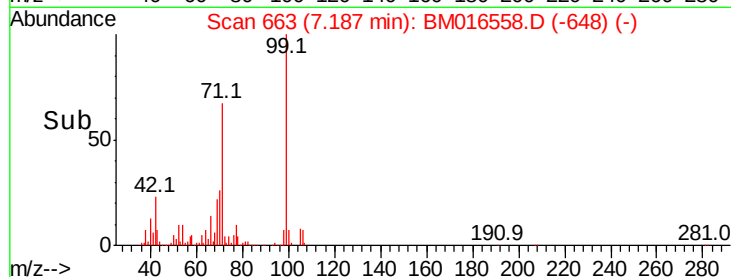
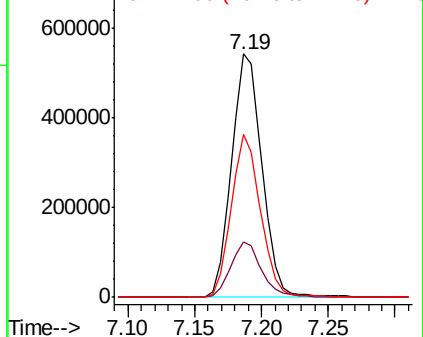
71 66.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#8

2-Chlorophenol

Concen: 38.859 ng

RT: 7.57 min Scan# 729

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

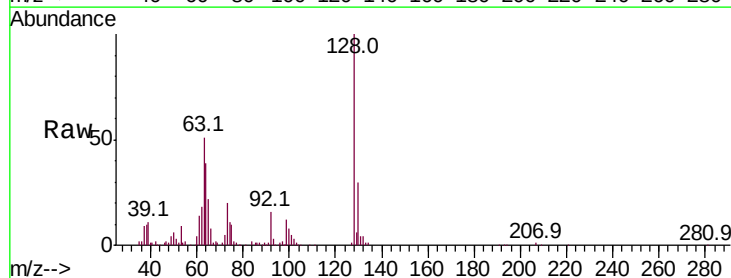
Tgt Ion: 128 Resp: 392781

Ion Ratio Lower Upper

128 100

130 29.8 12.0 52.0

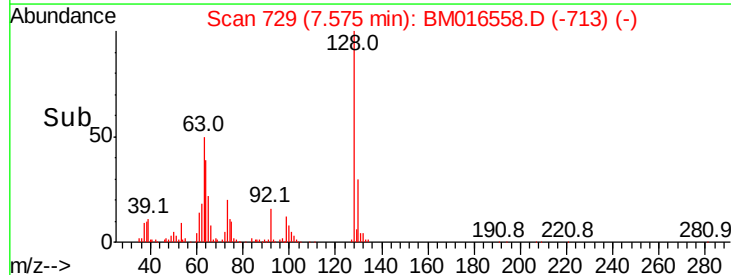
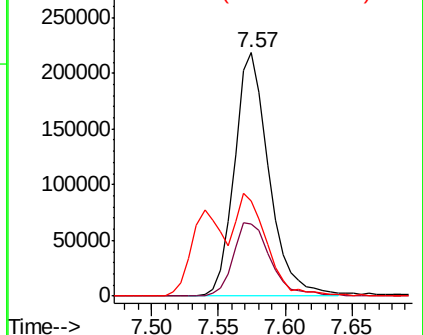
64 39.2 24.9 64.9

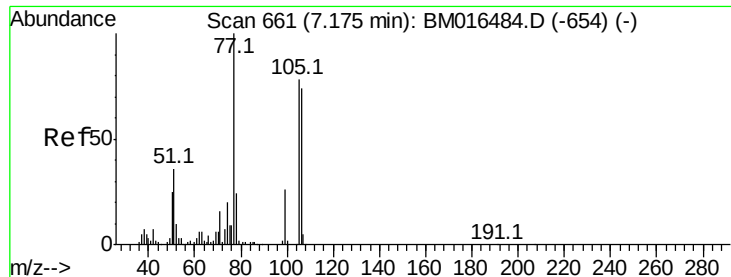


Abundance Ion 128.00 (127.70 to 128.70): BM016484.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM016484.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM016484.D (-722) (-)





#9

Benzaldehyde

Concen: 40.851 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

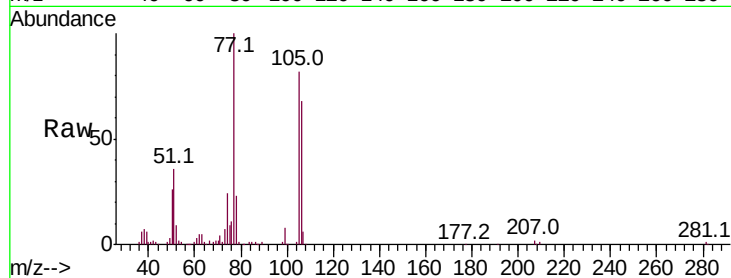
Tot Ion: 77 Resp: 318681

Ion Ratio Lower Upper

77 100

105 81.8 78.8 118.8

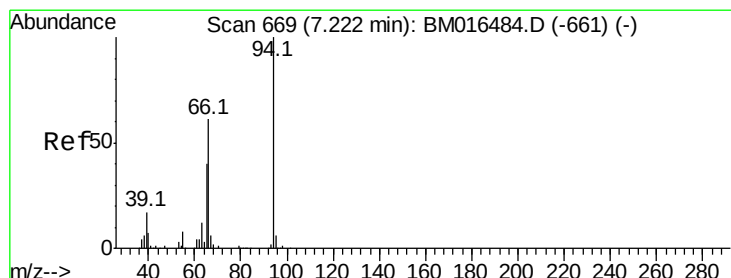
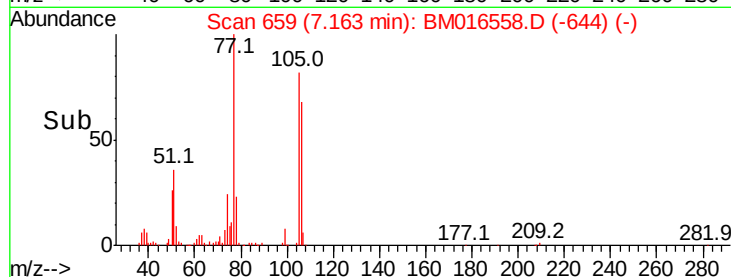
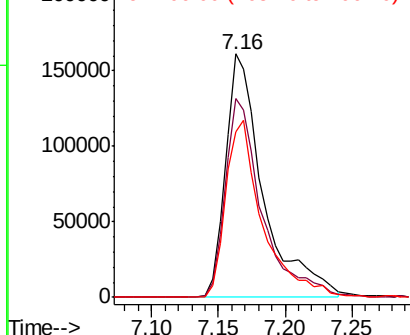
106 68.1 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016484.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM016484.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM016484.D (-654) (-)



#10

Phenol

Concen: 37.366 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

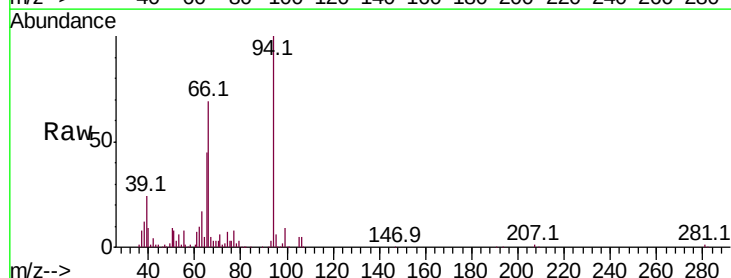
Tgt Ion: 94 Resp: 415385

Ion Ratio Lower Upper

94 100

65 44.7 18.8 58.8

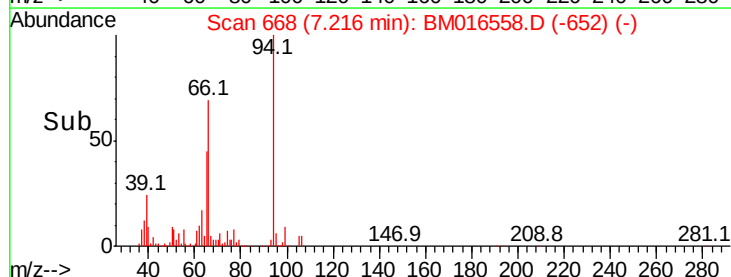
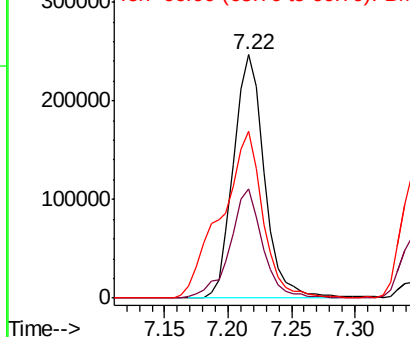
66 68.6 39.9 79.9

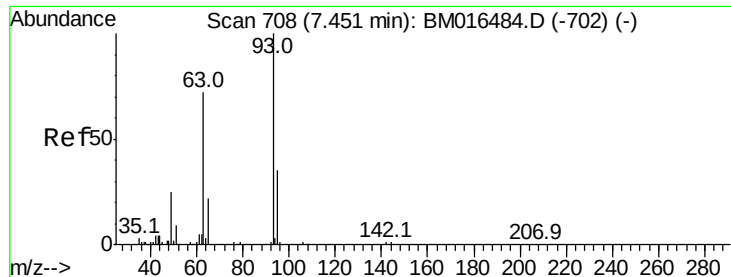


Abundance Ion 94.00 (93.70 to 94.70): BM016484.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016484.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016484.D (-661) (-)

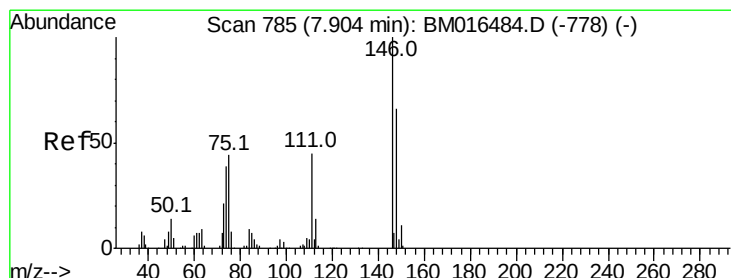
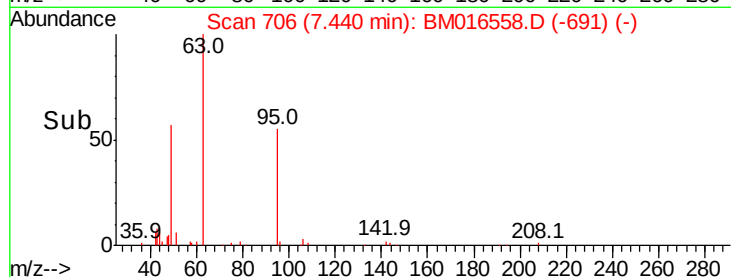
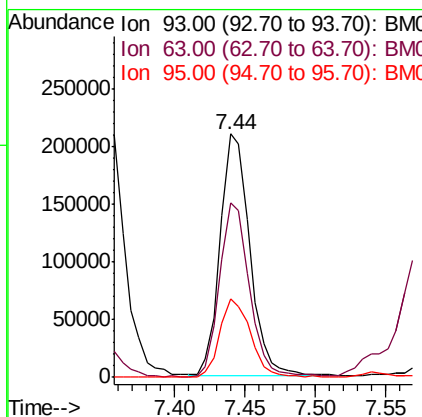
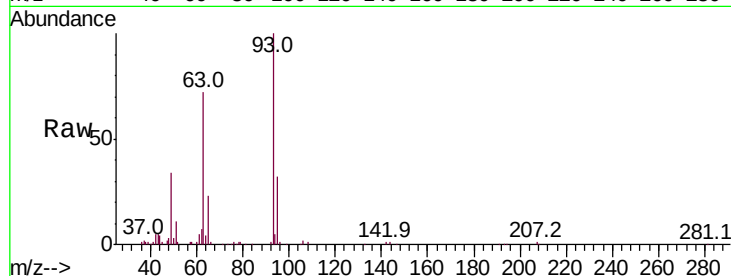




#11
 bis(2-Chloroethyl)ether
 Concen: 36.755 ng
 RT: 7.44 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

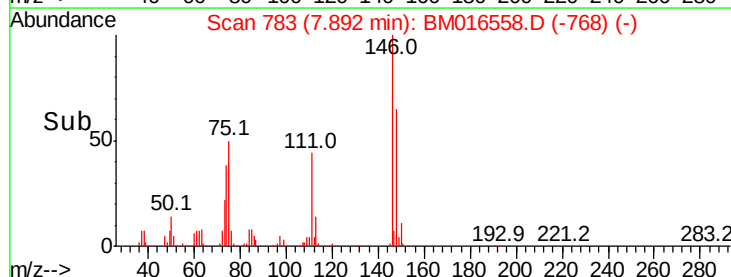
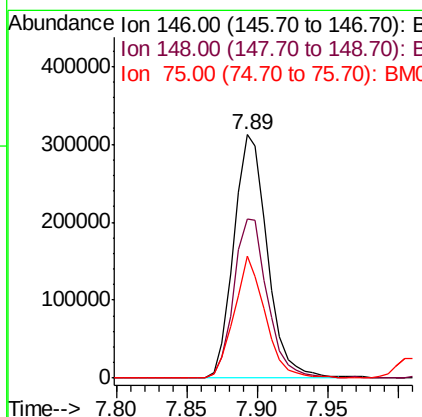
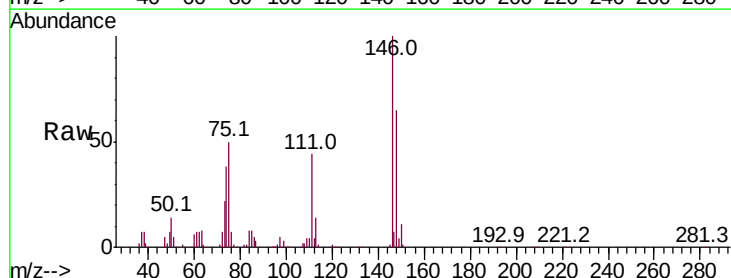
Instrument :
 BNA_M
 ClientSampled :

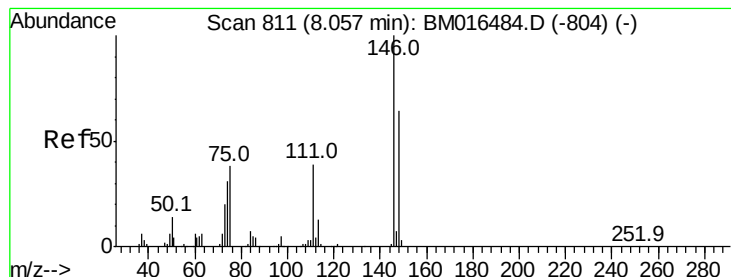
Tot Ion:	93	Resp:	306390
Ion	Ratio	Lower	Upper
93	100		
63	71.5	49.5	89.5
95	32.2	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 38.595 ng
 RT: 7.89 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Tgt Ion:	146	Resp:	517227
Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.9	76.3
75	49.9	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 37.965 ng

RT: 8.05 min Scan# 809

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

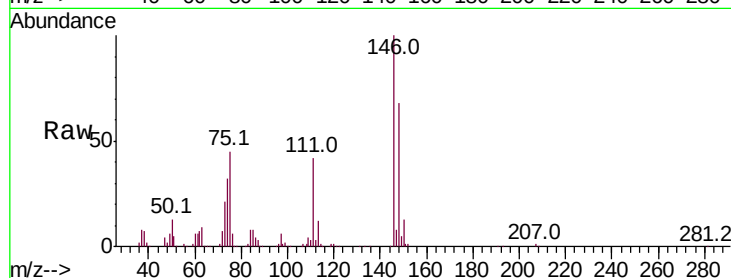
Tot Ion:146 Resp: 522137

Ion Ratio Lower Upper

146 100

148 67.5 51.9 77.9

111 41.9 29.2 43.8

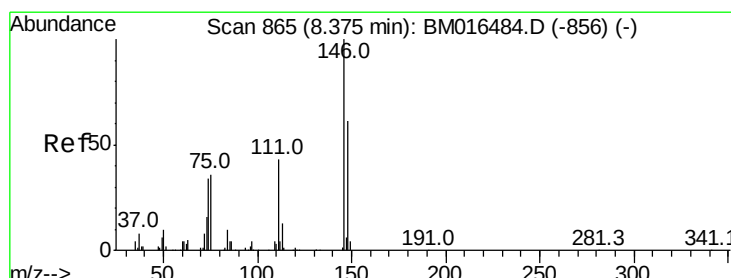
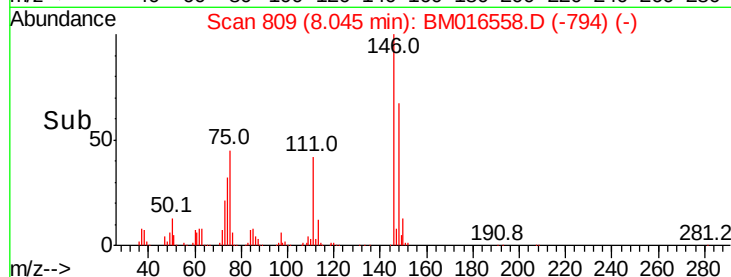
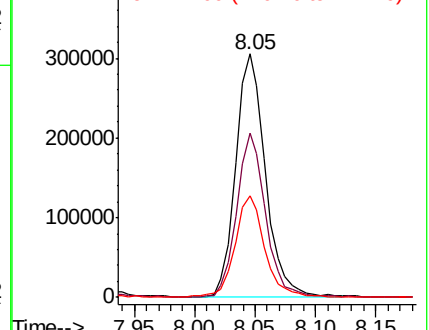


Abundance

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: 39.636 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

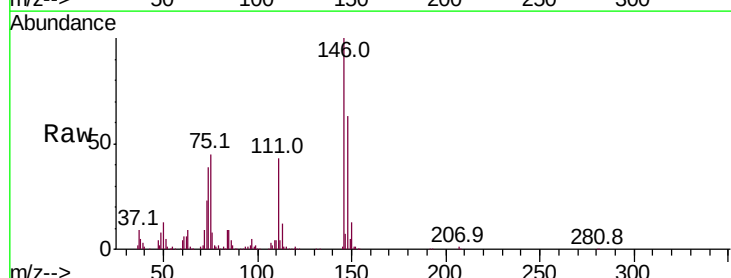
Tgt Ion:146 Resp: 535548

Ion Ratio Lower Upper

146 100

148 63.0 52.3 78.5

111 43.0 30.6 45.8

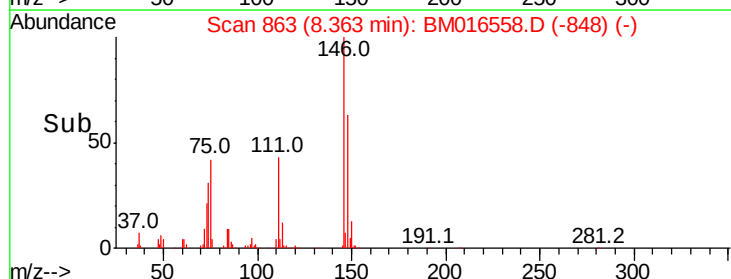
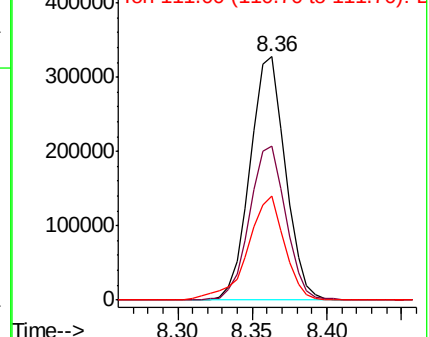


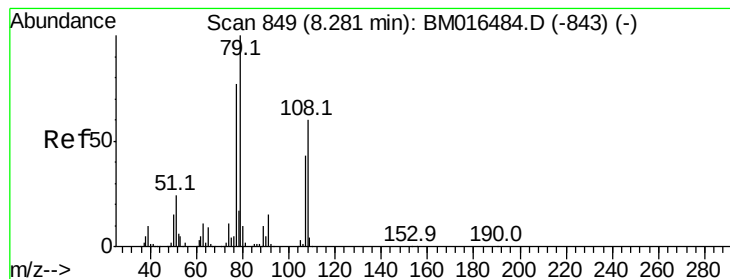
Abundance

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: 36.651 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

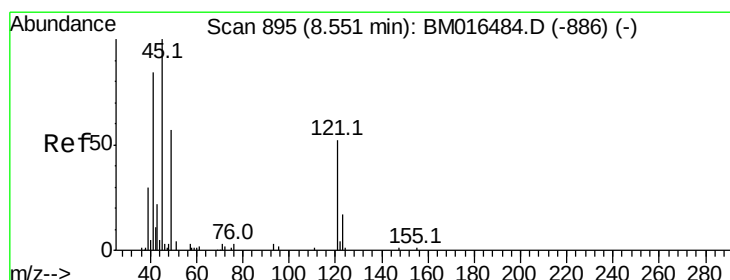
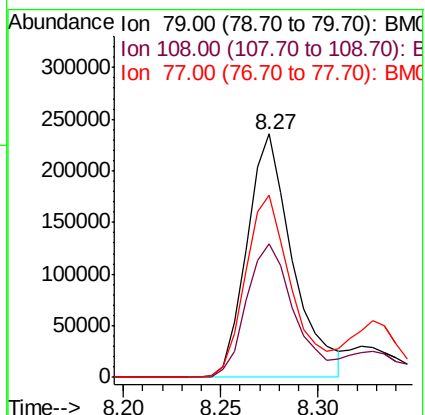
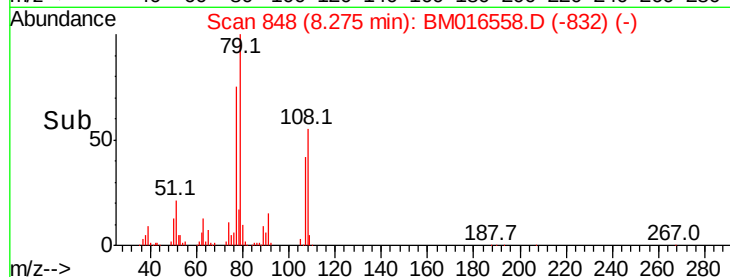
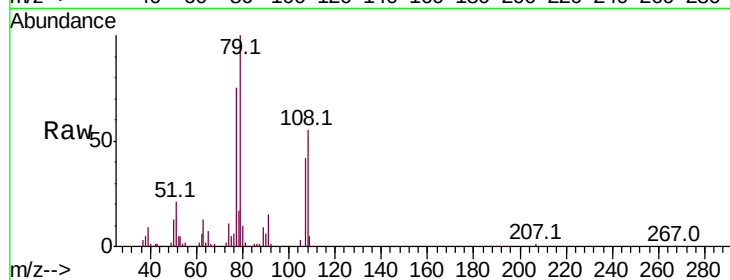
Tot Ion: 79 Resp: 382595

Ion Ratio Lower Upper

79 100

108 54.7 65.0 97.4#

77 75.1 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.285 ng

RT: 8.55 min Scan# 894

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

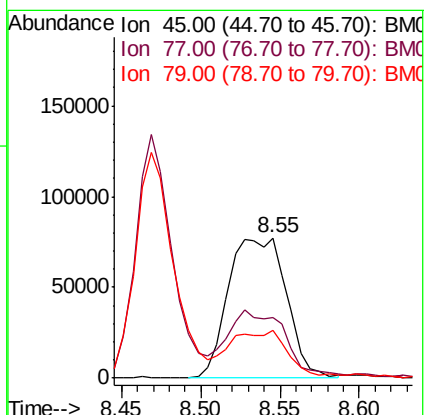
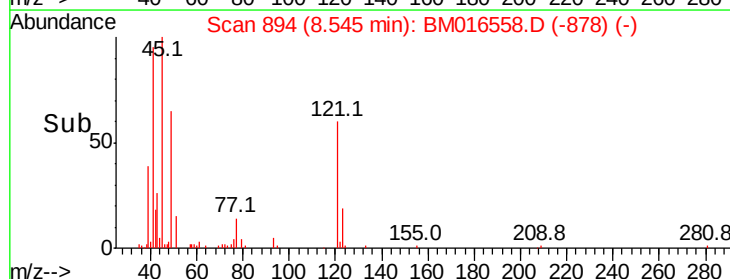
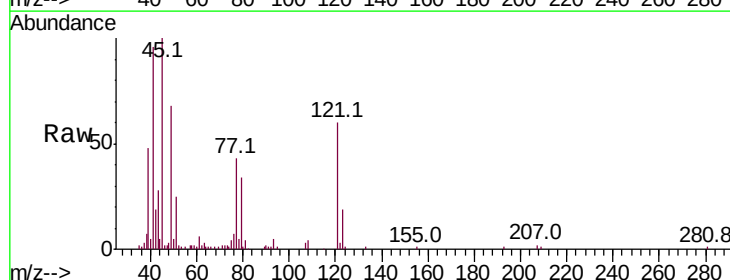
Tgt Ion: 45 Resp: 196795

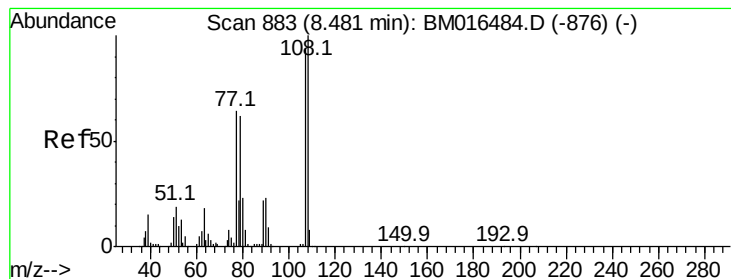
Ion Ratio Lower Upper

45 100

77 43.2 0.0 35.2#

79 34.2 0.0 32.0#

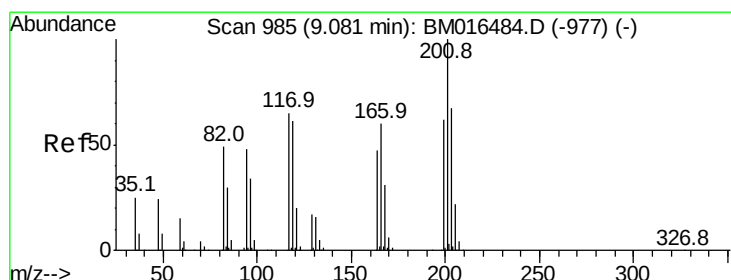
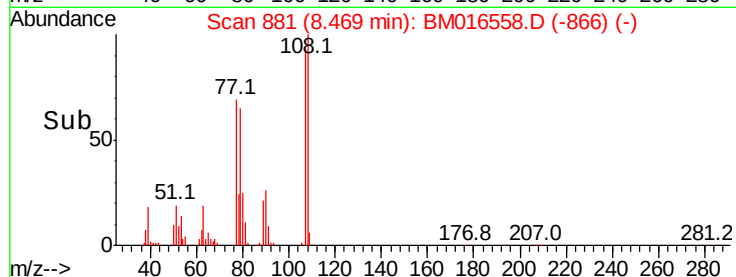
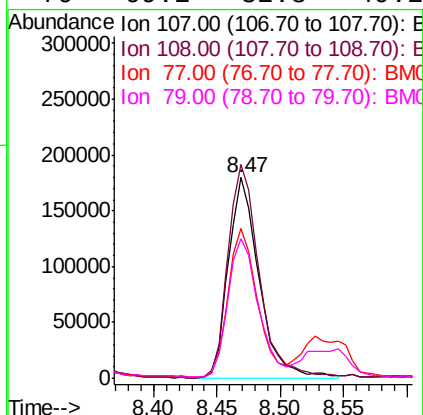
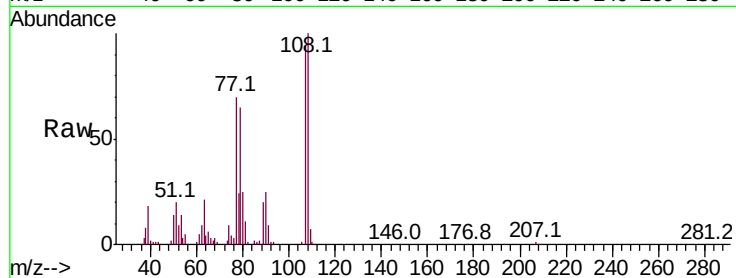




#17
2-Methylphenol
Concen: 37.308 ng
RT: 8.47 min Scan# 881
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

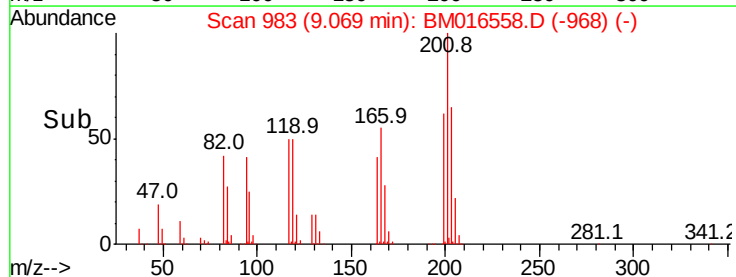
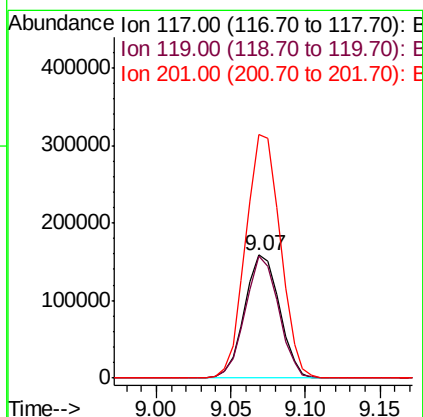
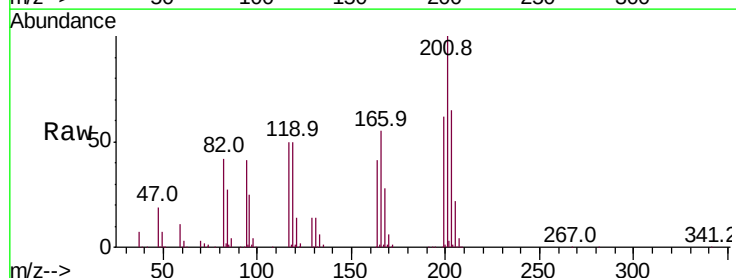
Instrument :
BNA_M
ClientSampled :

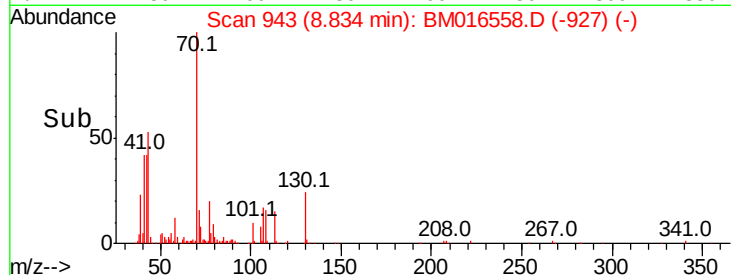
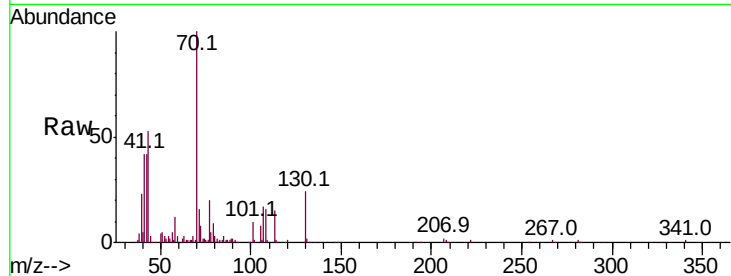
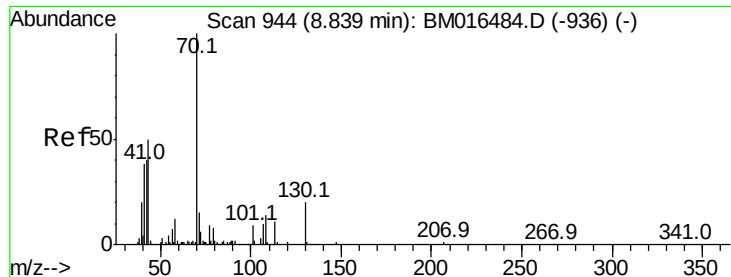
Tot Ion:	107	Resp:	300335
Ion	Ratio	Lower	Upper
107	100		
108	106.4	89.8	134.8
77	74.6	32.6	48.8#
79	69.2	32.8	49.2#



#18
Hexachloroethane
Concen: 40.446 ng
RT: 9.07 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Tgt Ion:	117	Resp:	256262
Ion	Ratio	Lower	Upper
117	100		
119	99.5	79.2	118.8
201	198.2	69.8	104.6#

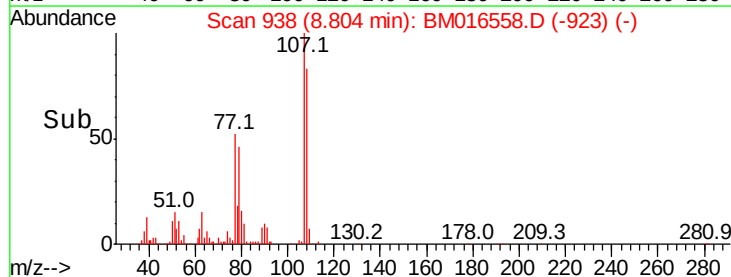
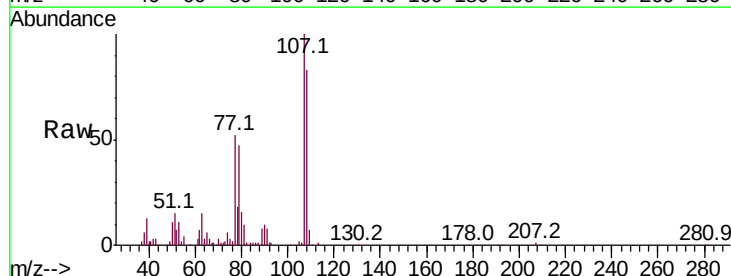
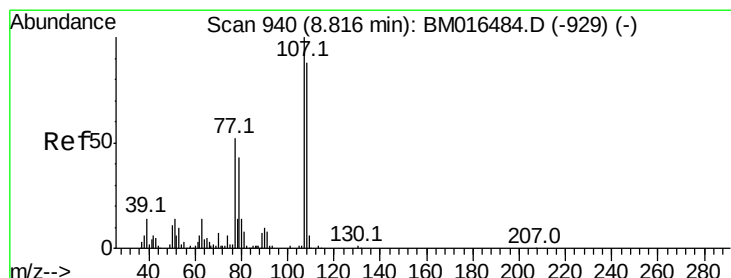
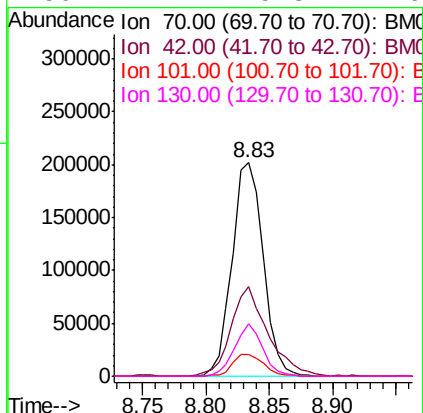




#19
n-Nitroso-di-n-propylamine
Concen: 38.952 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

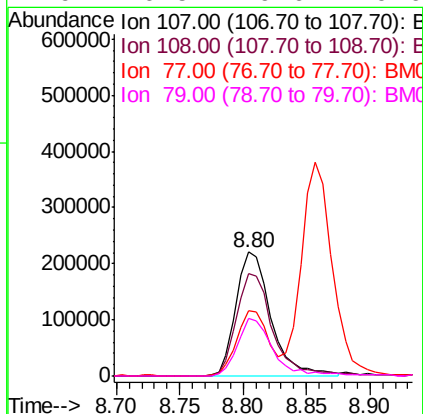
Instrument :
BNA_M
ClientSampleId :

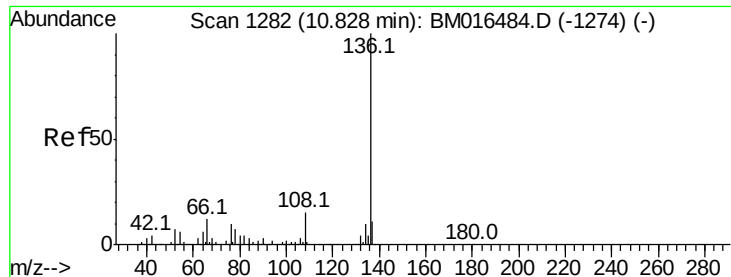
Tot Ion:	70	Resp:	343291
Ion	Ratio	Lower	Upper
70	100		
42	42.2	44.5	66.7#
101	10.3	7.4	11.2
130	24.4	15.3	22.9#



#20
3+4-Methylphenols
Concen: 37.909 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Tgt Ion:	107	Resp:	421940
Ion	Ratio	Lower	Upper
107	100		
108	83.0	73.2	113.2
77	52.2	10.7	50.7#
79	46.5	9.6	49.6

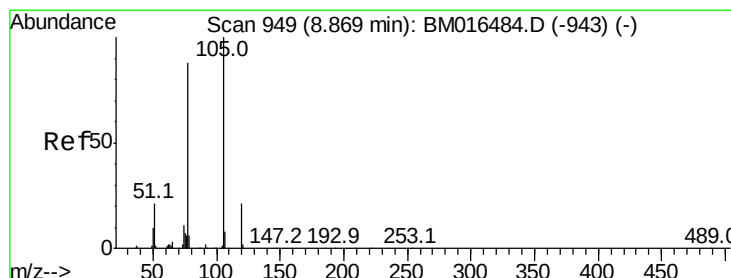
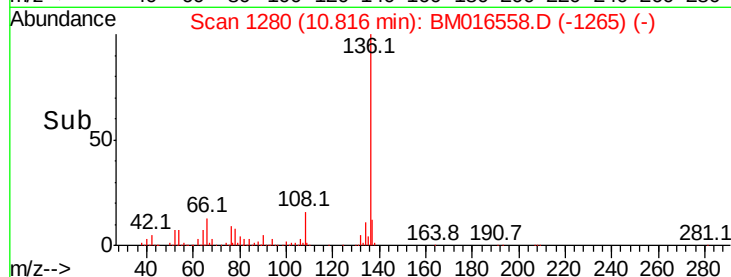
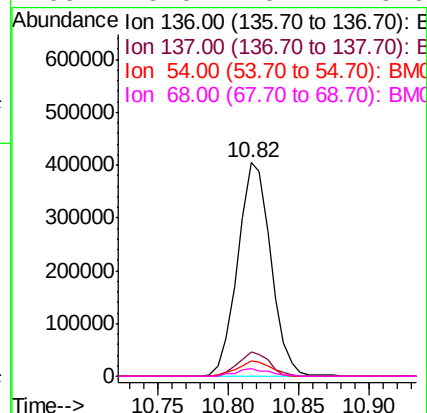
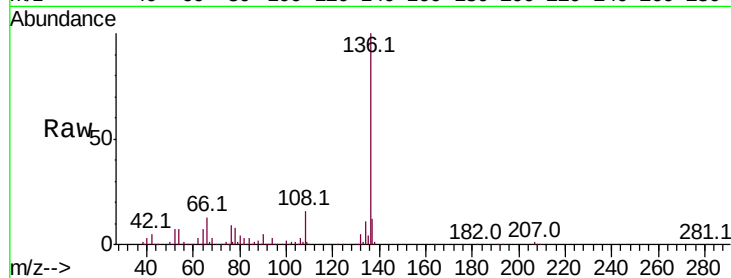




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

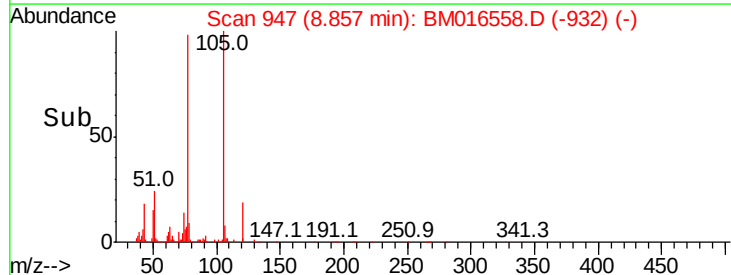
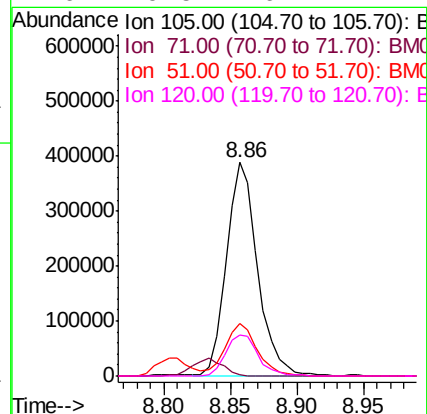
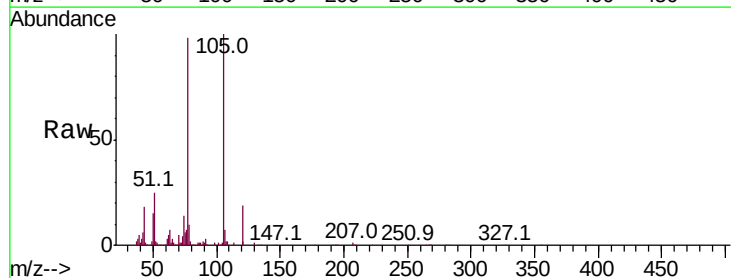
Instrument :
BNA_M
ClientSampleId :

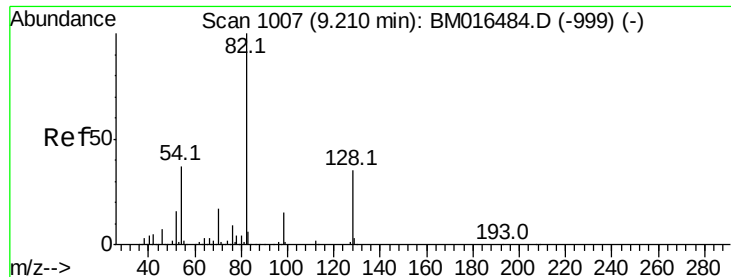
Tot Ion:136	Resp: 662357
Ion Ratio	Lower Upper
136 100	
137 11.6	8.7 13.1
54 7.1	4.6 6.8#
68 3.3	3.7 5.5#



#22
Acetophenone
Concen: 39.577 ng
RT: 8.86 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Tgt Ion	Ion:105	Resp:	631242
105	Ratio 100	Lower	Upper
71	0.8	0.6	1.0
51	24.5	21.6	32.4
120	19.5	16.1	24.1

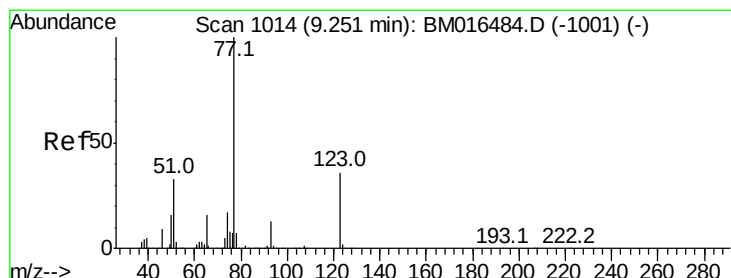
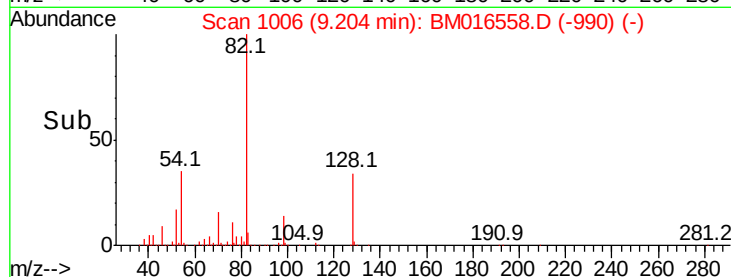
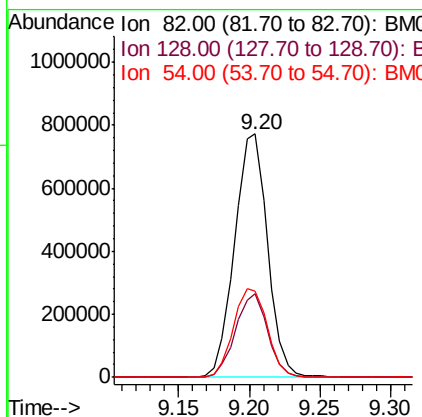
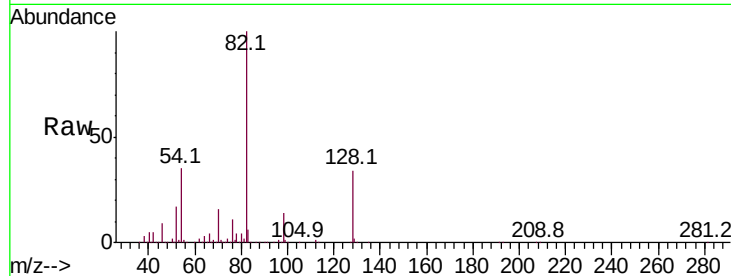




#23
 Nitrobenzene-d5
 Concen: 86.676 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

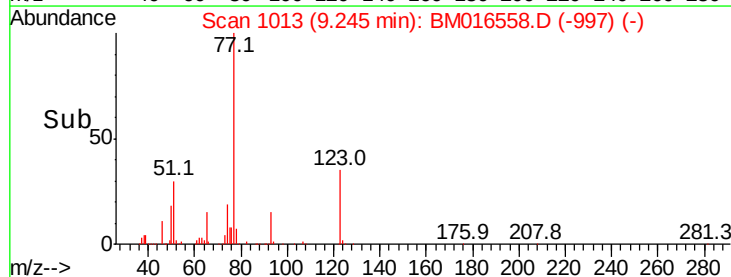
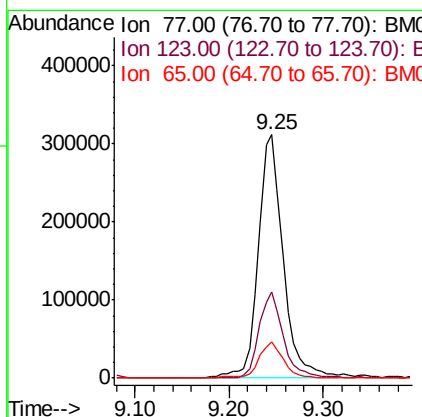
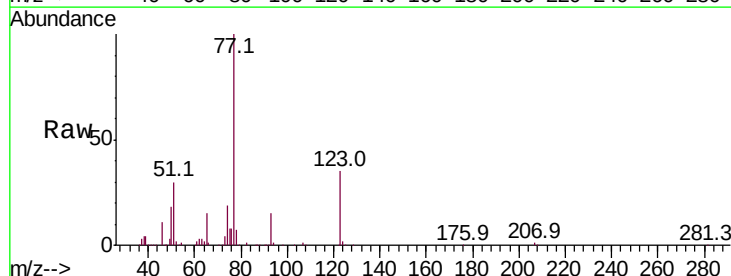
Instrument :
 BNA_M
 ClientSampleId :

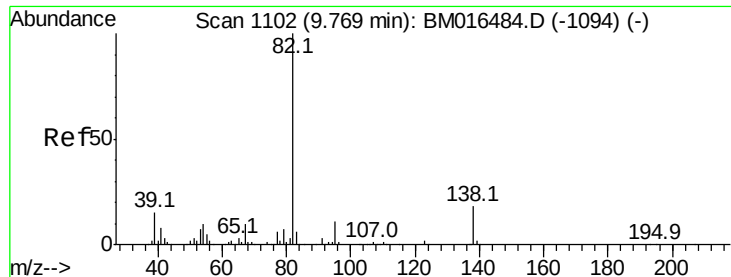
Tot Ion: 82 Resp: 1257381
 Ion Ratio Lower Upper
 82 100
 128 34.4 32.8 49.2
 54 35.4 40.6 60.8#



#24
 Nitrobenzene
 Concen: 39.191 ng
 RT: 9.25 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Tgt Ion: 77 Resp: 568044
 Ion Ratio Lower Upper
 77 100
 123 35.5 32.6 49.0
 65 14.8 10.9 16.3





#25

Isophorone

Concen: 40.928 ng

RT: 9.76 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

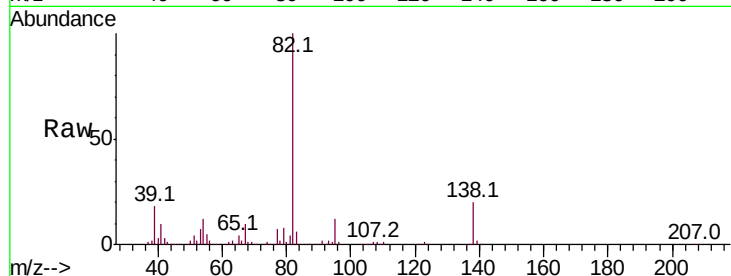
Tot Ion: 82 Resp: 793511

Ion Ratio Lower Upper

82 100

95 11.9 5.8 8.6#

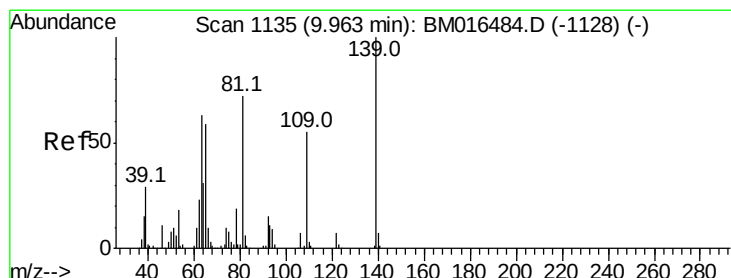
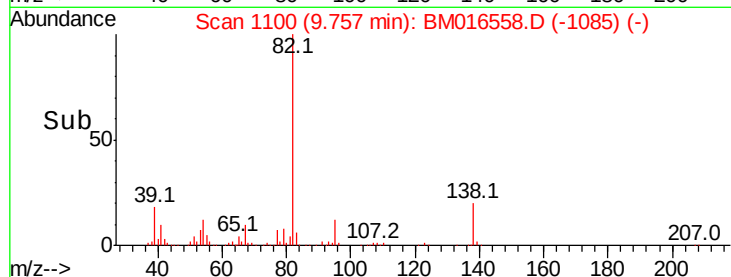
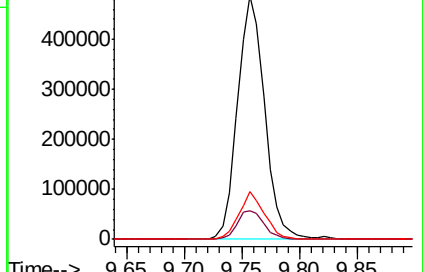
138 19.7 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016484.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016484.D (-1094) (-)



#26

2-Nitrophenol

Concen: 40.947 ng

RT: 9.95 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

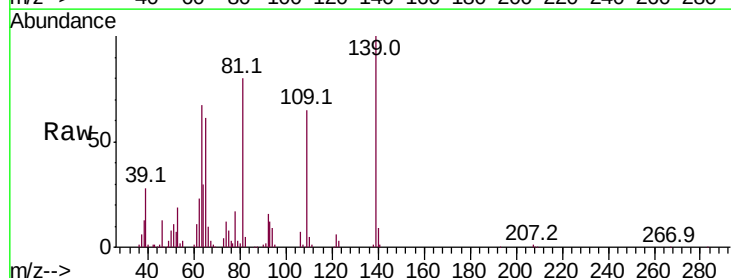
Tgt Ion: 139 Resp: 253723

Ion Ratio Lower Upper

139 100

109 65.1 20.1 30.1#

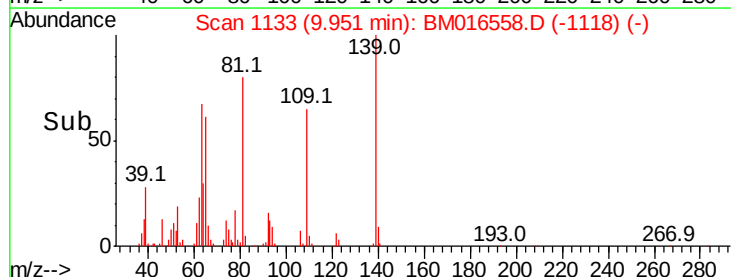
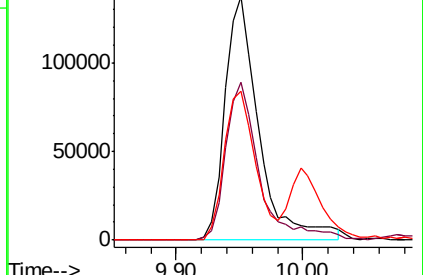
65 61.1 31.5 47.3#

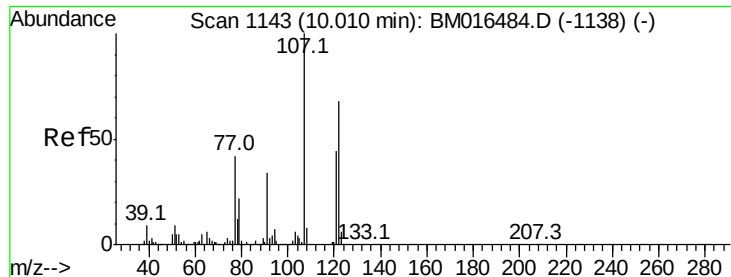


Abundance Ion 139.00 (138.70 to 139.70): BM016484.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BM016484.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BM016484.D (-1128) (-)





#27

2,4-Dimethylphenol

Concen: 38.631 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

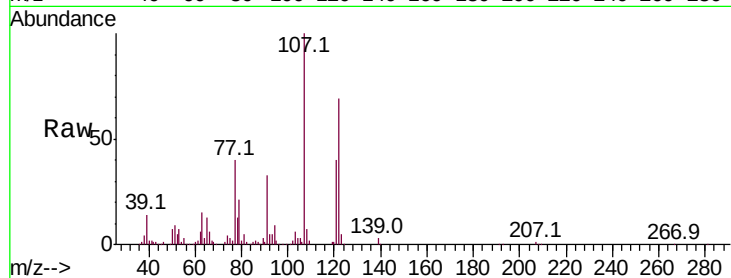
Tot Ion:122 Resp: 311953

Ion Ratio Lower Upper

122 100

107 144.8 84.7 127.1#

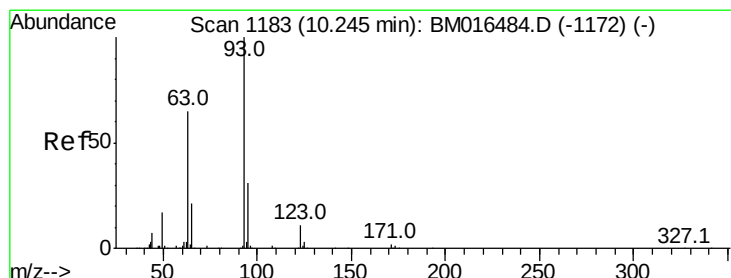
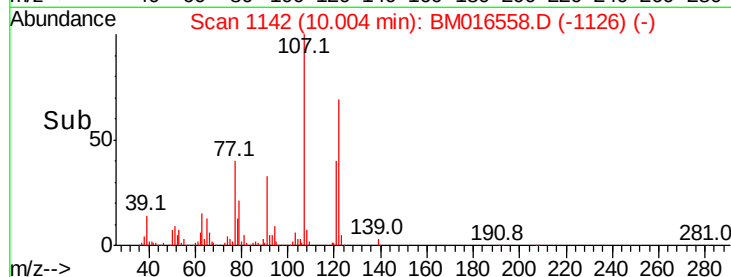
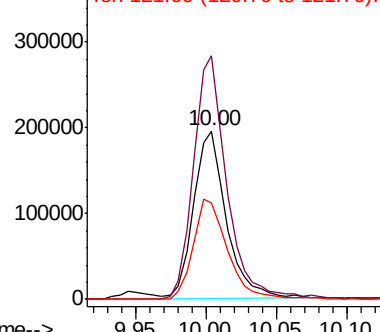
121 57.4 46.6 69.8



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: 38.718 ng

RT: 10.23 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

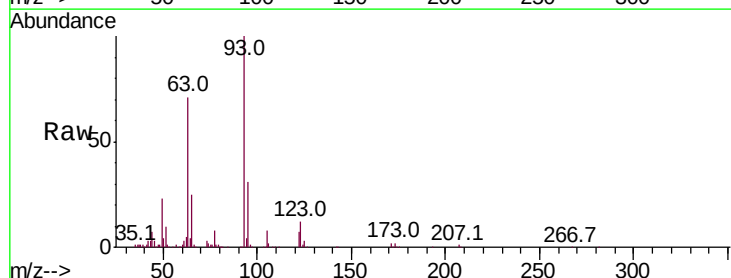
Tgt Ion: 93 Resp: 448104

Ion Ratio Lower Upper

93 100

95 31.5 25.5 38.3

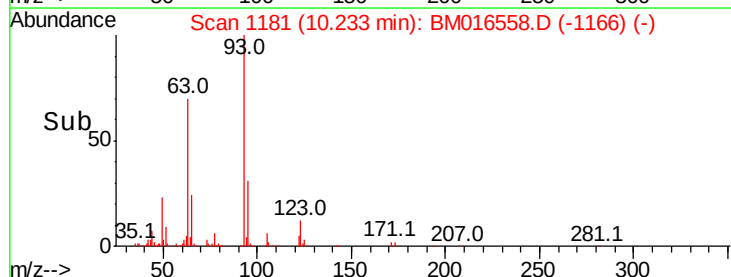
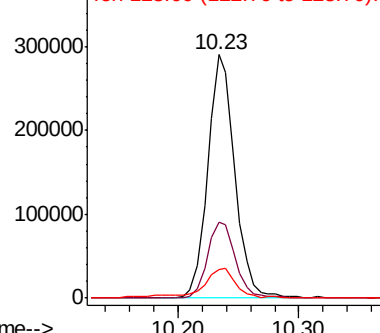
123 11.7 8.6 13.0

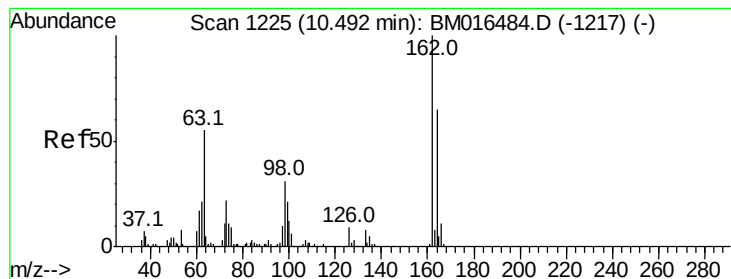


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.160 ng

RT: 10.48 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

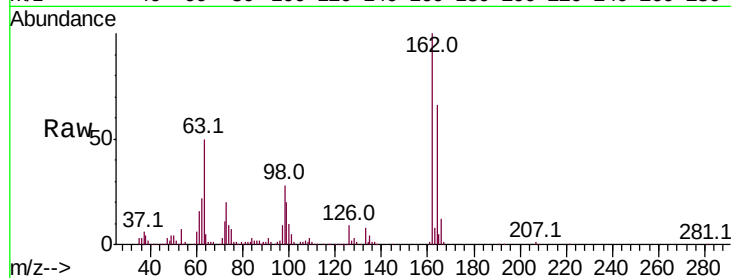
Tot Ion:162 Resp: 569956

Ion Ratio Lower Upper

162 100

164 66.5 42.8 82.8

98 27.9 14.5 54.5

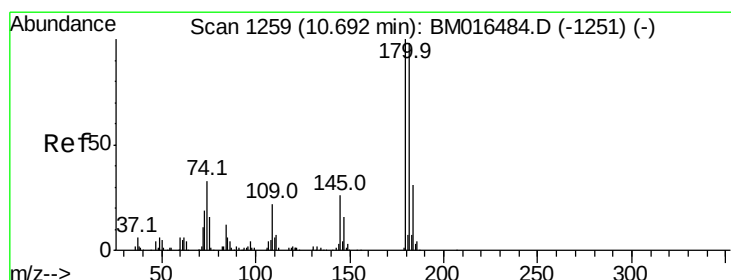
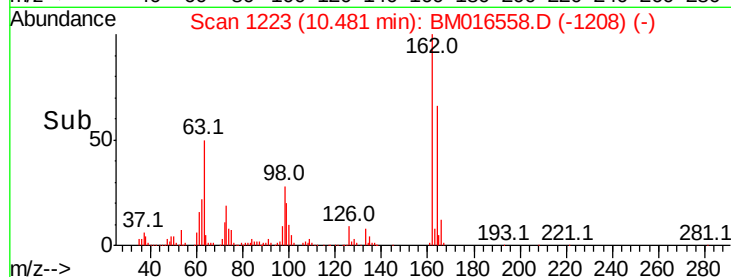
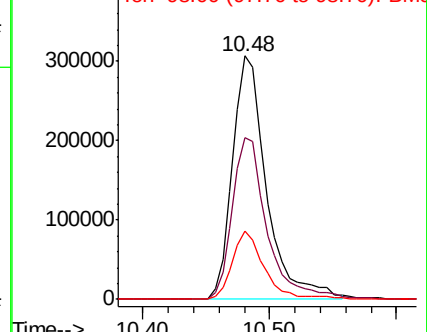


Abundance

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): B



#30

1,2,4-Trichlorobenzene

Concen: 49.879 ng

RT: 10.68 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

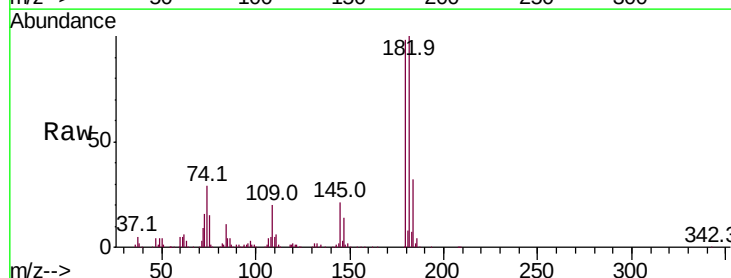
Tgt Ion:180 Resp: 914707

Ion Ratio Lower Upper

180 100

182 102.4 77.6 116.4

145 21.9 23.4 35.2#

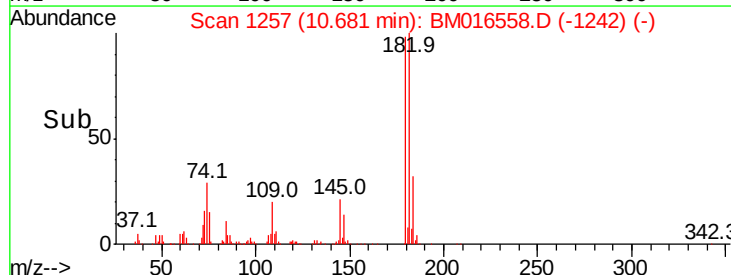
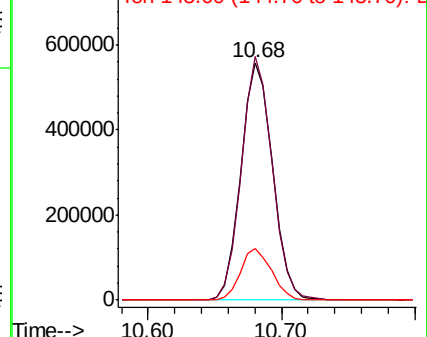


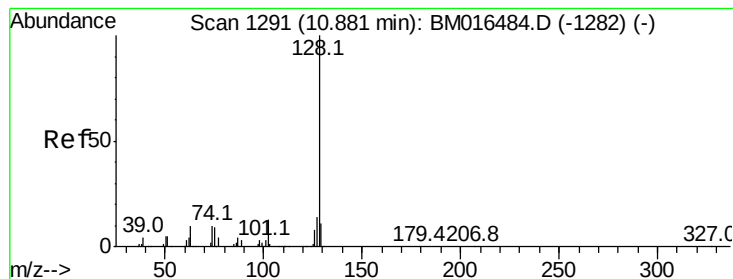
Abundance

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: 39.400 ng

RT: 10.87 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

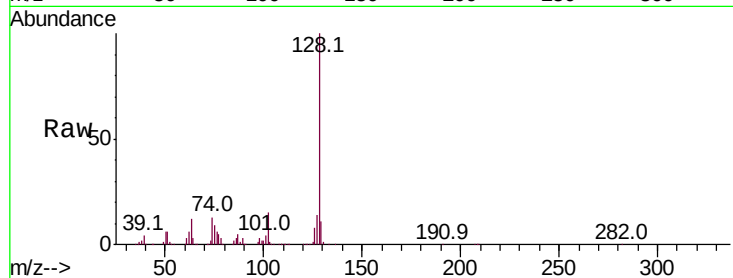
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 1243365

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	14.2	10.4	15.6

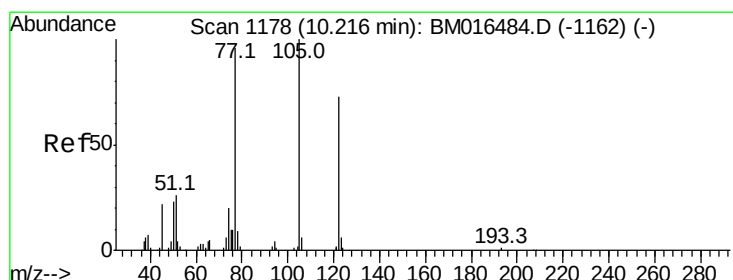
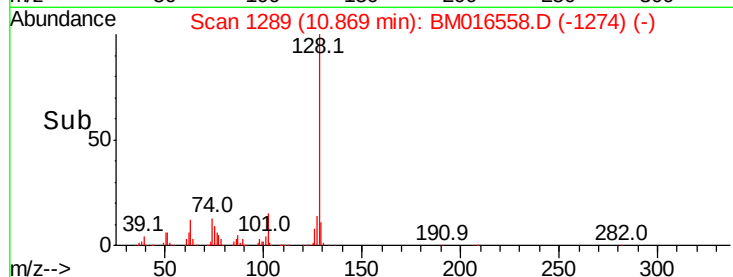
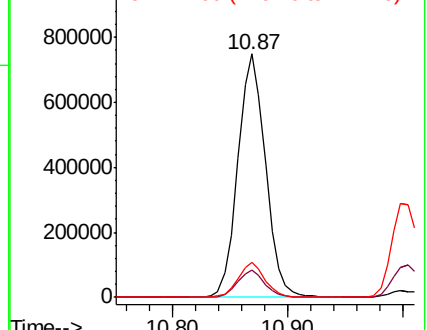


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.817 ng

RT: 10.22 min Scan# 1178

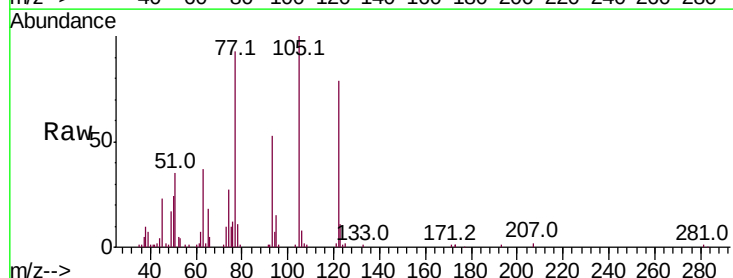
Delta R.T. -0.00 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Tgt Ion:122 Resp: 181188

Ion	Ratio	Lower	Upper
122	100		
105	126.9	99.9	139.9
77	118.5	73.7	113.7

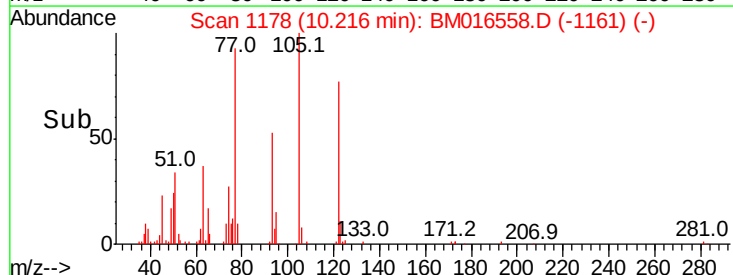
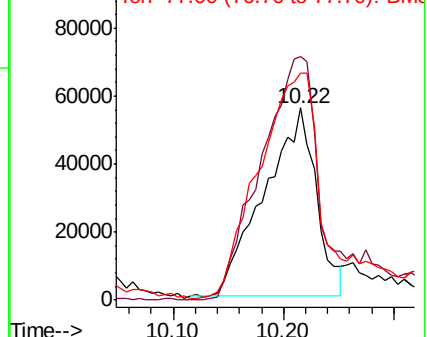


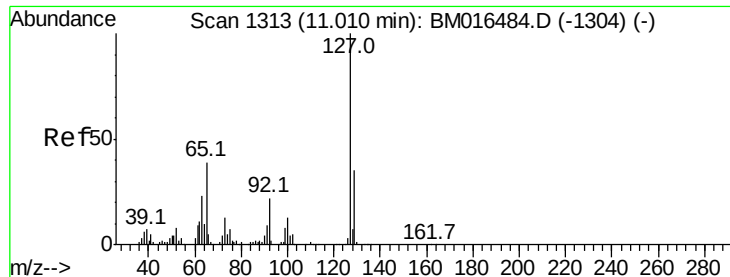
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

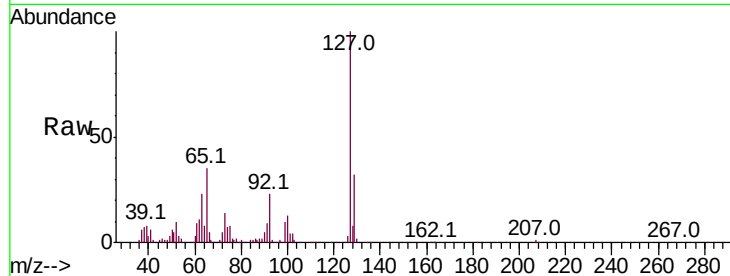




#33
4-Chloroaniline
Concen: 39.658 ng
RT: 11.00 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.3	37.9
65	34.9	17.6	26.4
92	23.1	13.1	19.7



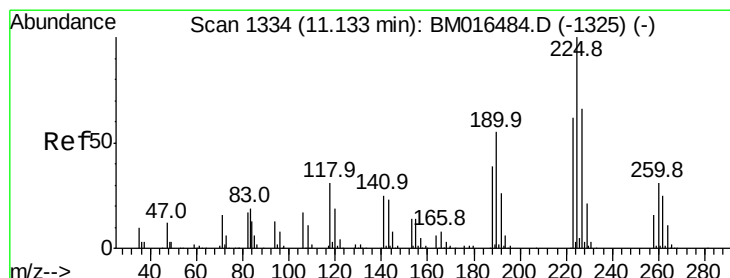
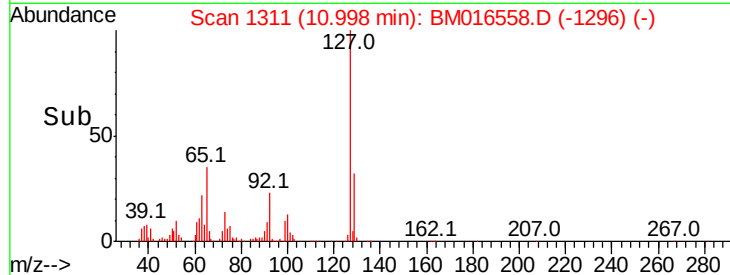
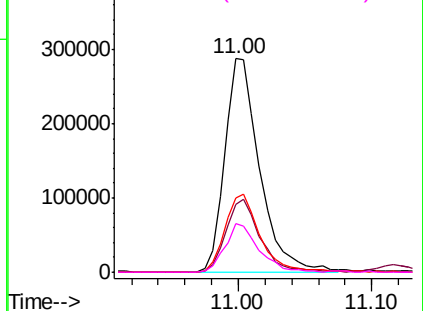
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

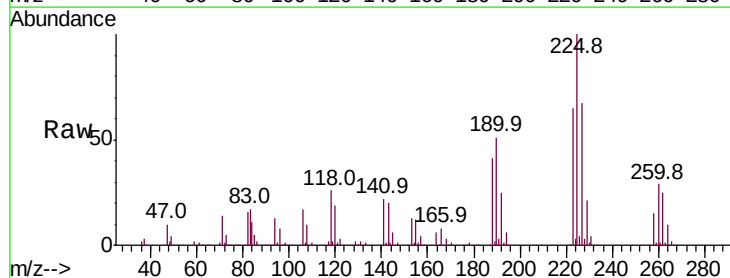
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 52.376 ng
RT: 11.12 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	47.9	71.9
227	67.0	50.1	75.1

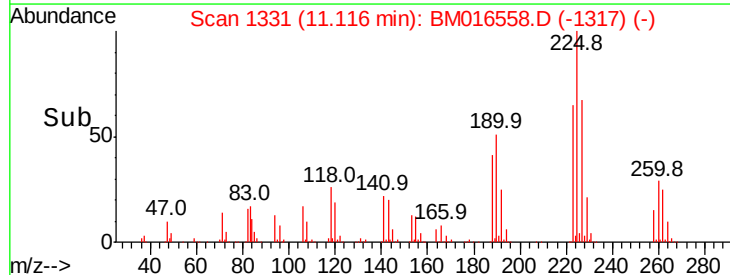
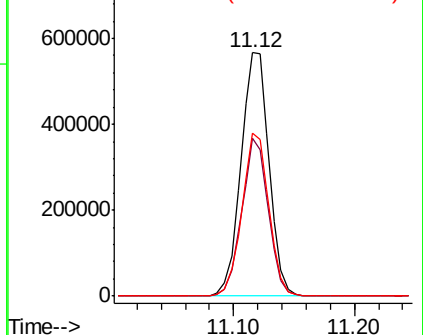


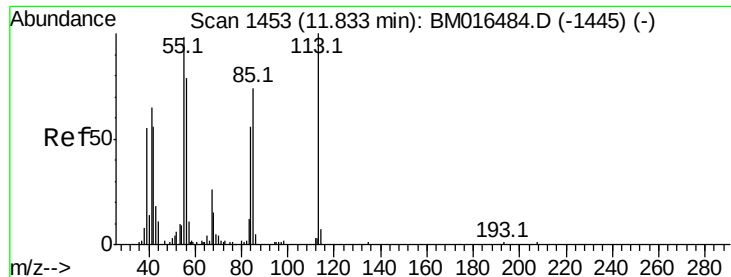
Abundance

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: 40.359 ng

RT: 11.84 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

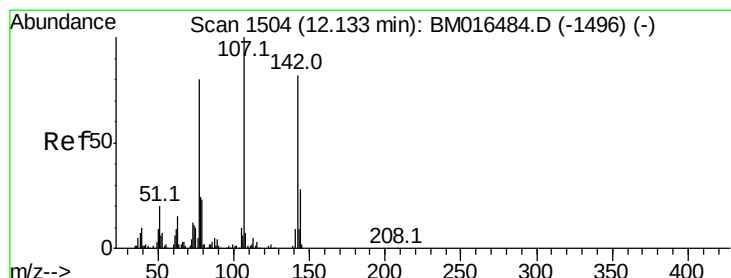
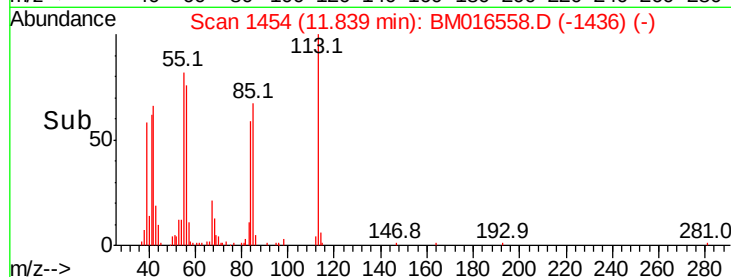
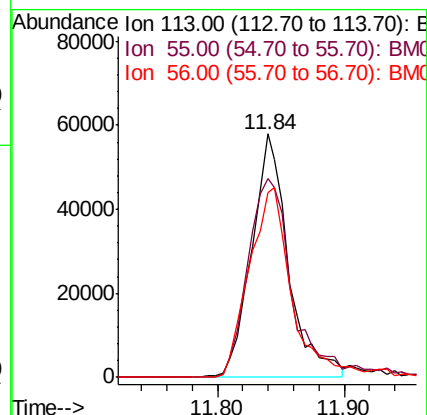
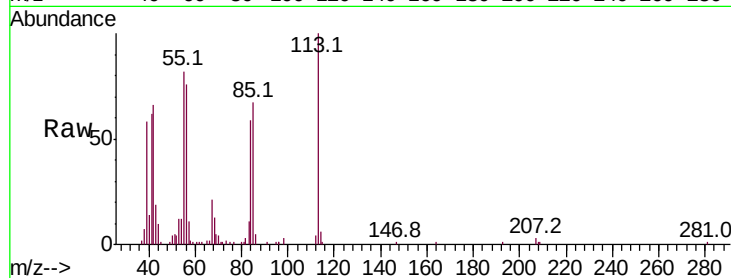
Tot Ion:113 Resp: 117040

Ion Ratio Lower Upper

113 100

55 81.8 145.9 185.9#

56 76.1 101.0 141.0#



#36

4-Chloro-3-methylphenol

Concen: 40.434 ng

RT: 12.13 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

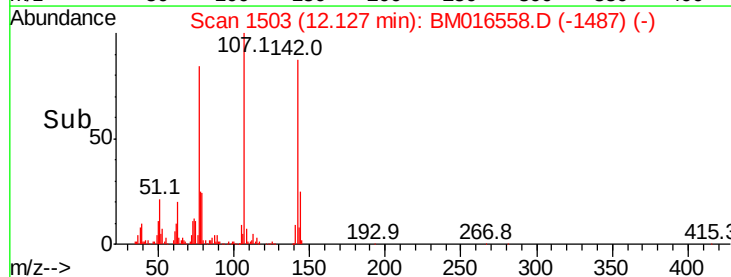
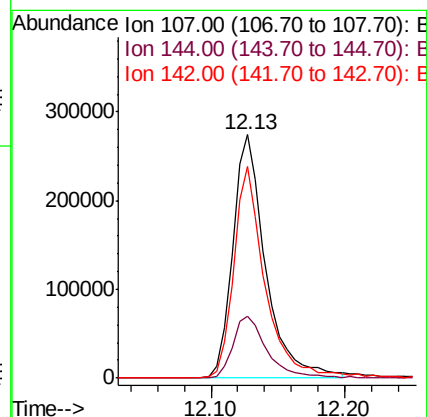
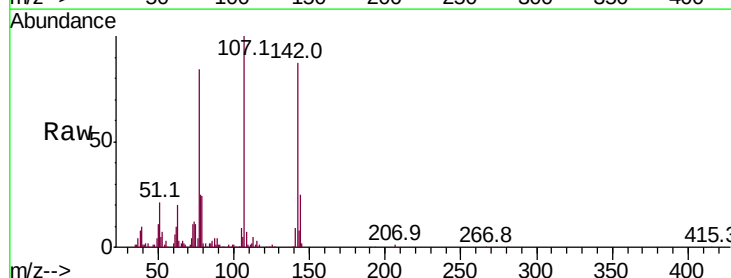
Tgt Ion:107 Resp: 469790

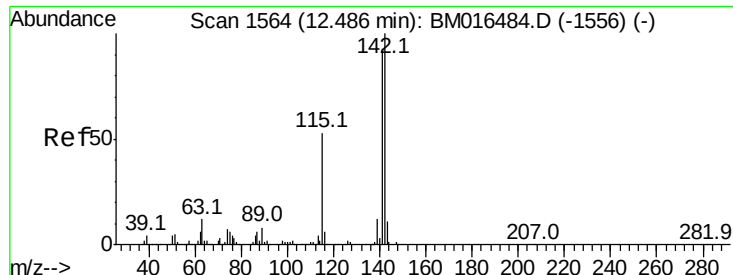
Ion Ratio Lower Upper

107 100

144 25.3 23.3 34.9

142 86.8 72.6 109.0

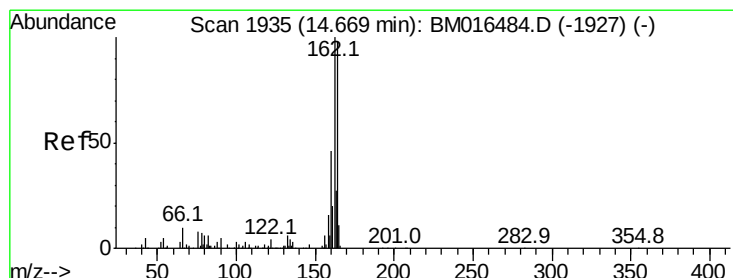
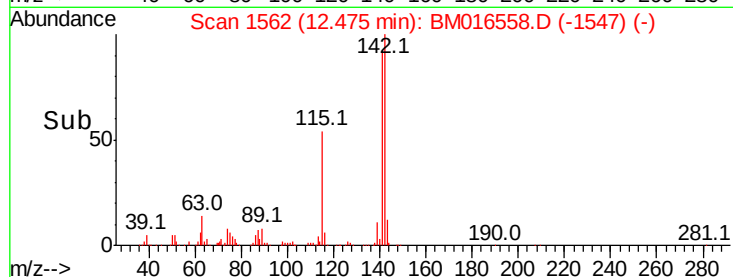
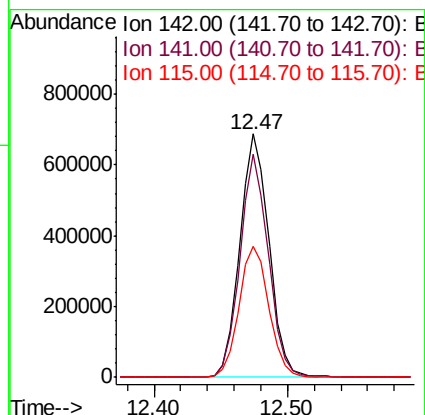
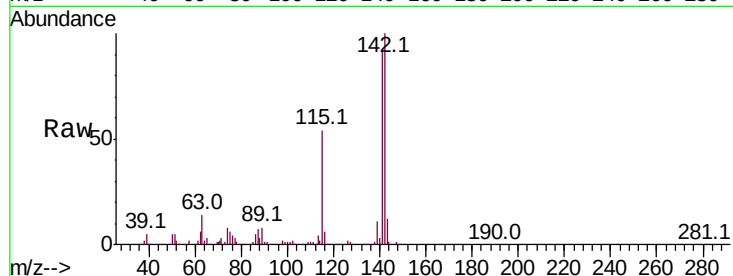




#37
2-Methylnaphthalene
Concen: 41.966 ng
RT: 12.47 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

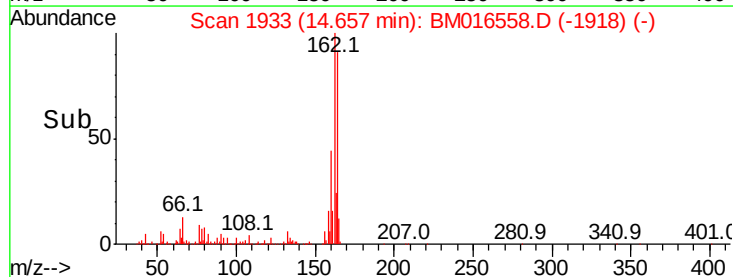
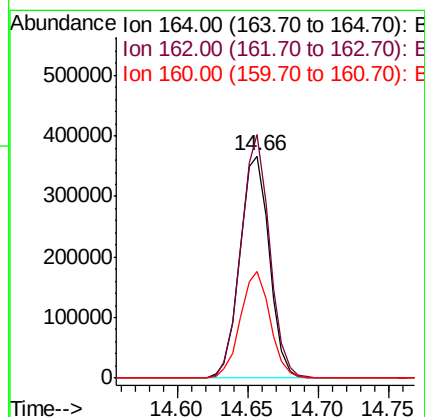
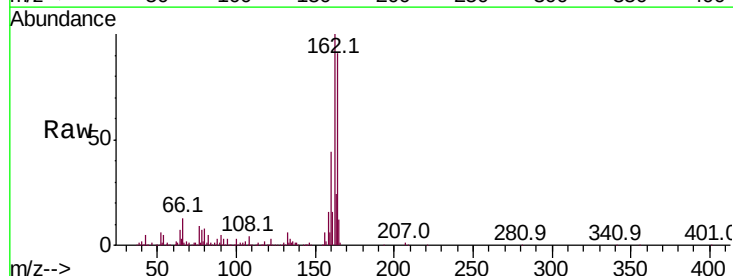
Instrument :
BNA_M
ClientSampled :

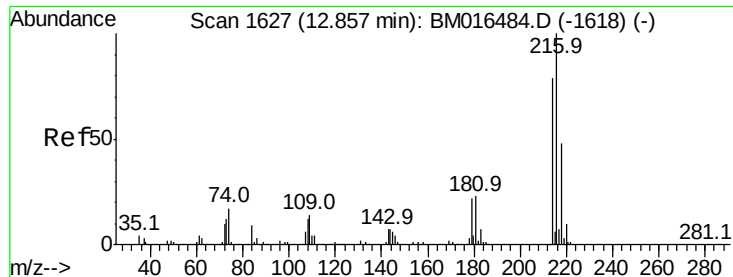
Tot Ion:142 Resp: 1036768
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9
115 53.9 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Tgt Ion:164 Resp: 534108
Ion Ratio Lower Upper
164 100
162 109.6 82.4 123.6
160 48.1 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.146 ng

RT: 12.85 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 1331662

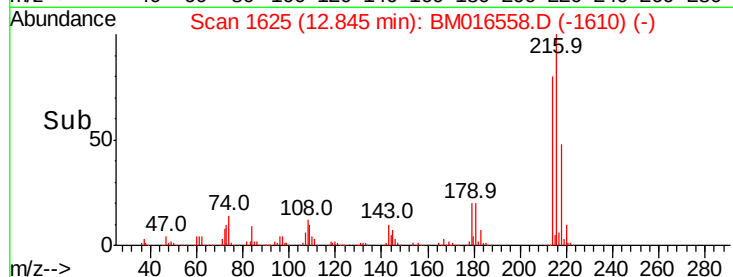
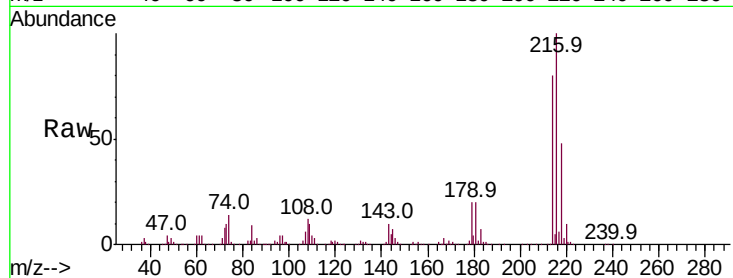
Ion Ratio Lower Upper

216 100

214 78.9 0.0 0.0#

179 20.2 0.0 0.0#

108 11.4 0.0 0.0#

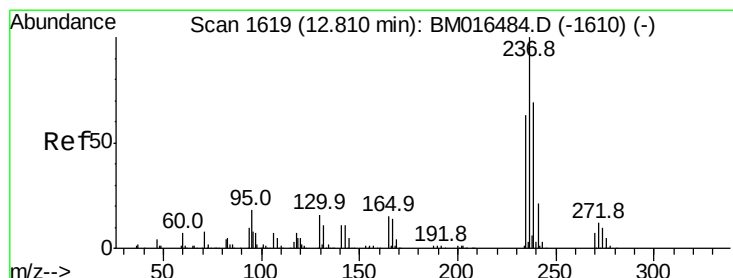
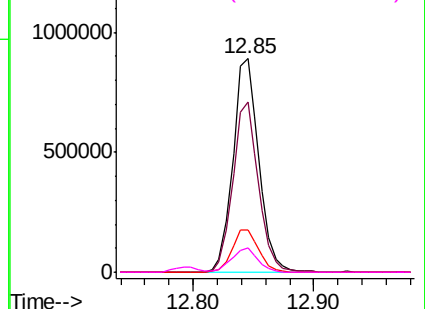


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 58.947 ng

RT: 12.79 min Scan# 1616

Delta R.T. -0.02 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

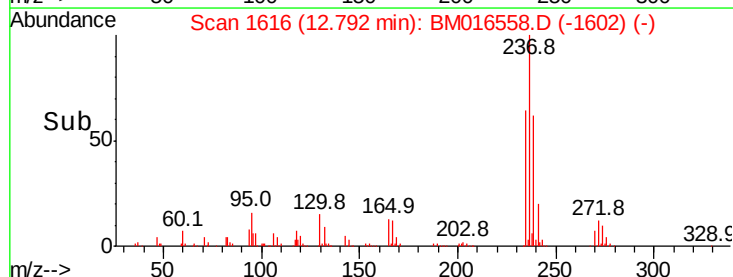
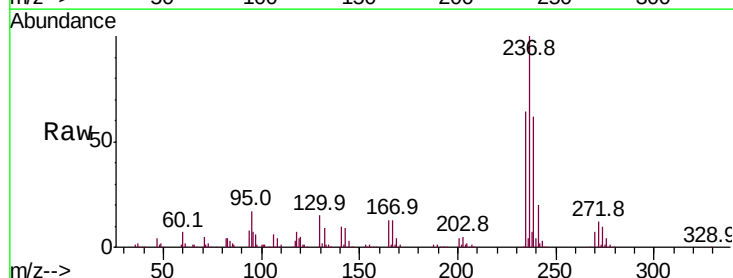
Tgt Ion:237 Resp: 719916

Ion Ratio Lower Upper

237 100

235 63.7 42.0 82.0

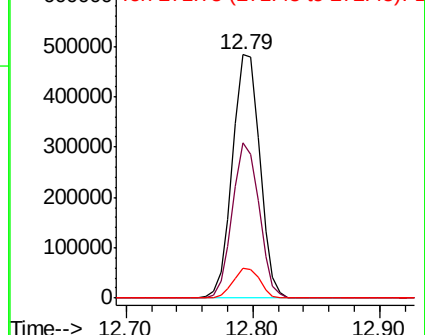
272 12.3 0.0 33.4

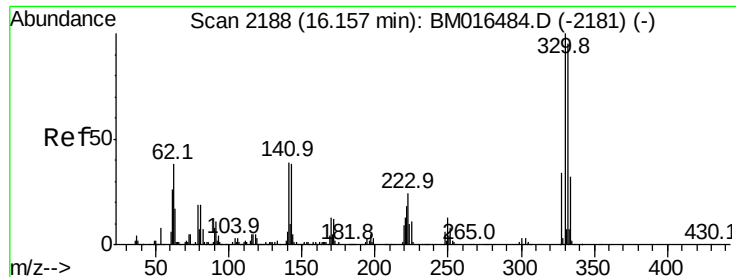


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

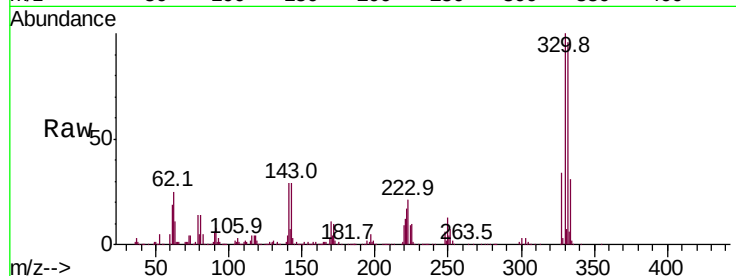




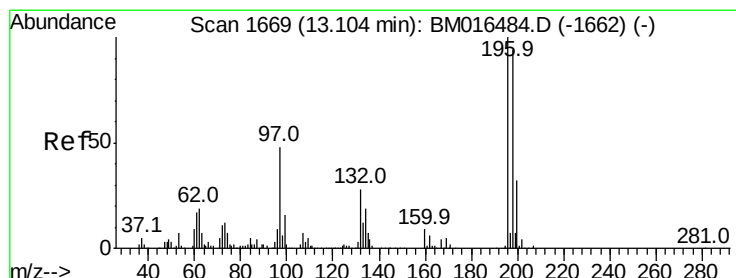
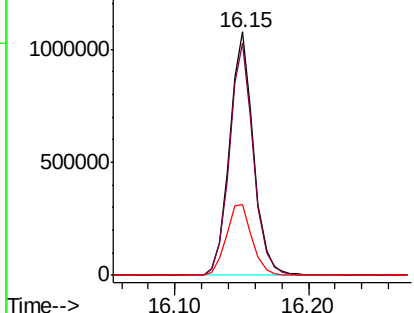
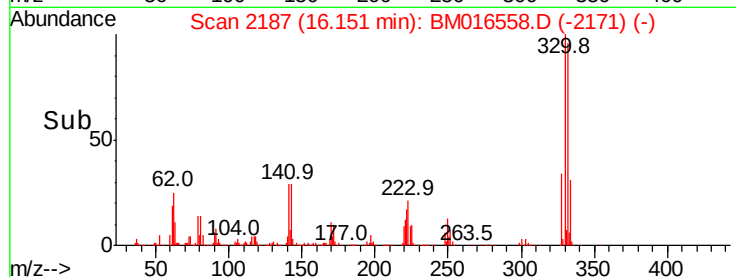
#41
 2,4,6-Tribromophenol
 Concen: 90.065 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion:330 Resp: 1344727
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 31.9 0.0 0.0#

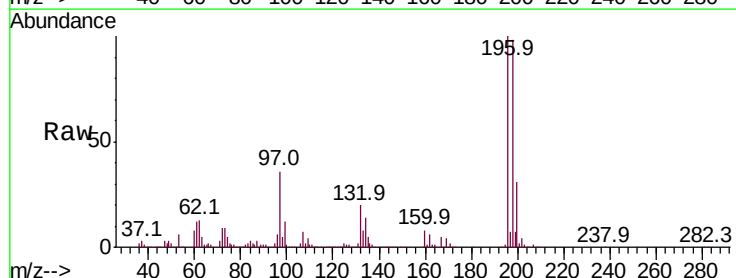


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

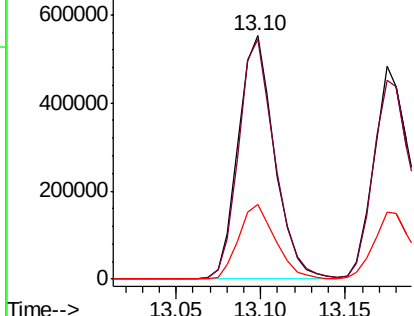
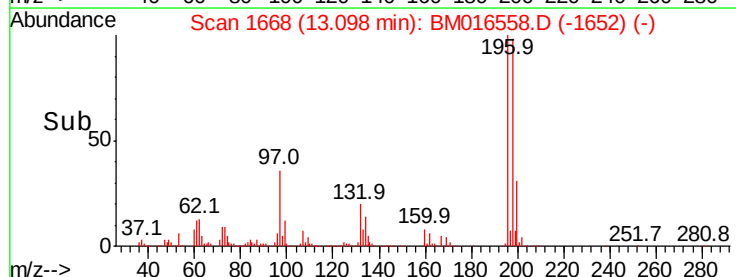


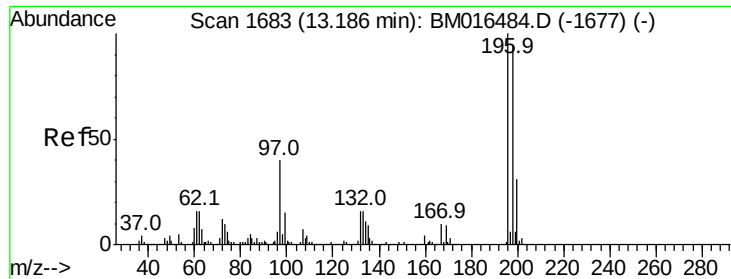
#42
 2,4,6-Trichlorophenol
 Concen: 45.925 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Tgt Ion:196 Resp: 828413
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.3 114.5
 200 30.5 25.6 38.4



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

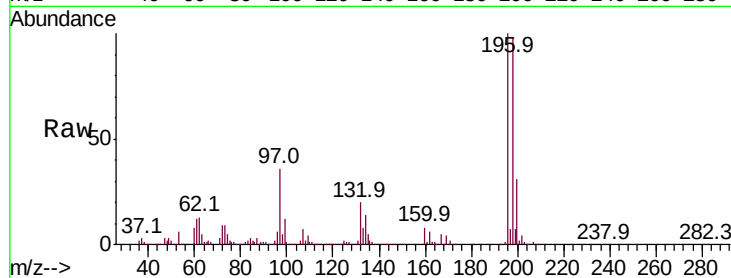




#43
 2,4,5-Trichlorophenol
 Concen: 37.404 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.09 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	196	Resp:	659060
Ion	Ratio	Lower	Upper
196	100		
198	98.5	79.4	119.0
97	36.4	26.8	40.2
132	20.3	18.6	28.0



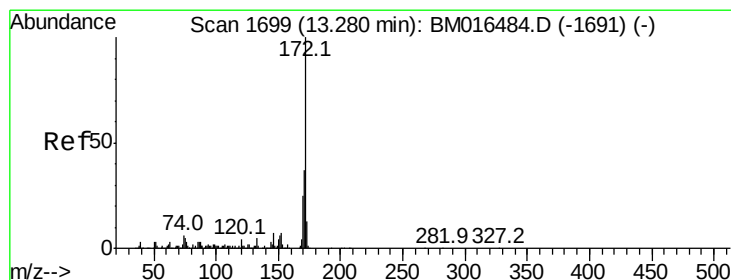
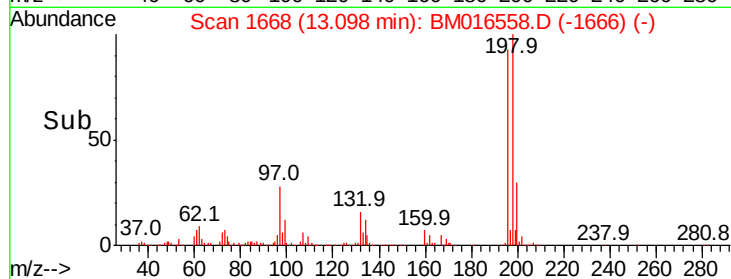
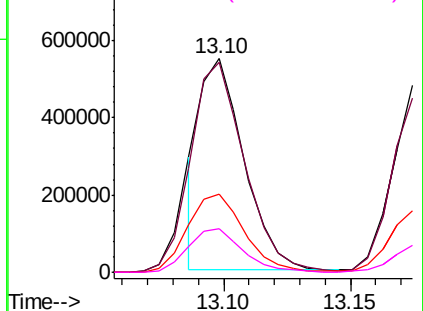
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

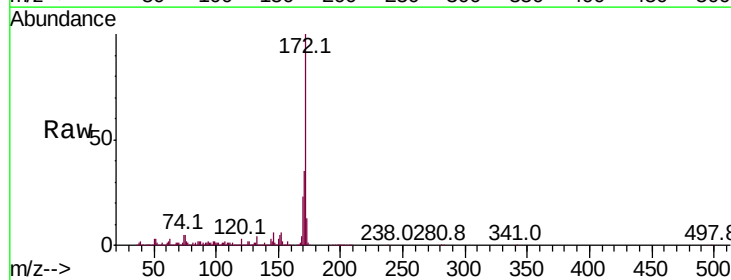
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.936 ng
 RT: 13.27 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Tgt Ion:	172	Resp:	5108490
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	22.9	18.8	28.2

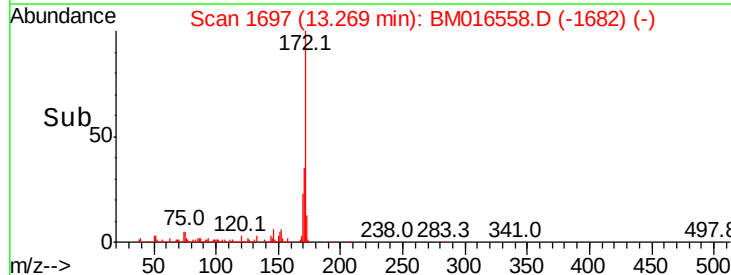
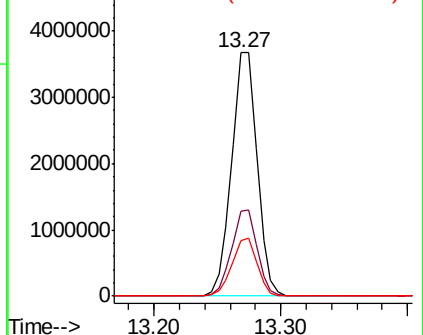


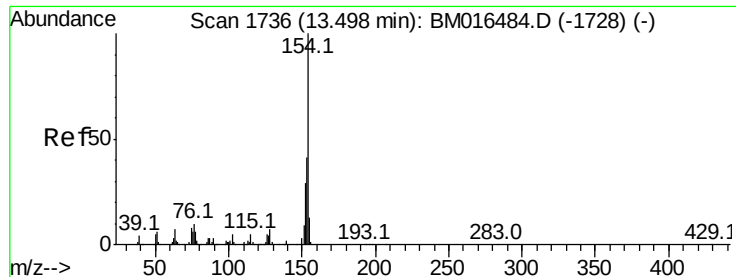
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.440 ng

RT: 13.49 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

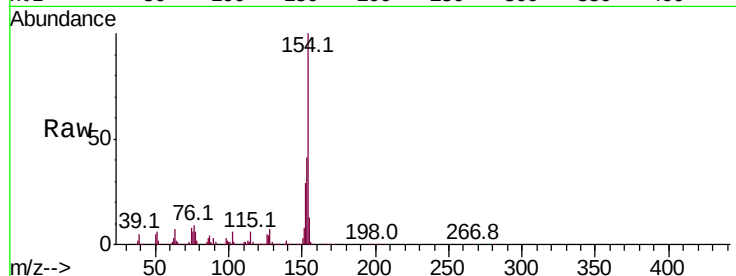
Tot Ion:154 Resp: 1753436

Ion Ratio Lower Upper

154 100

153 41.2 20.7 60.7

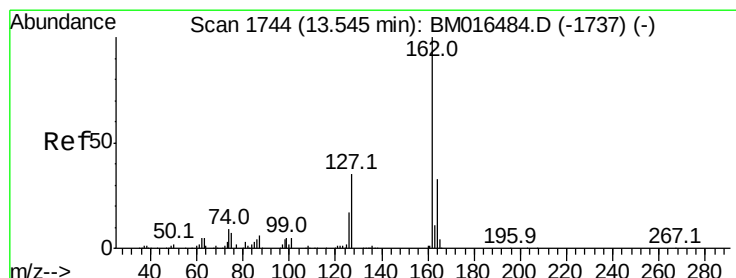
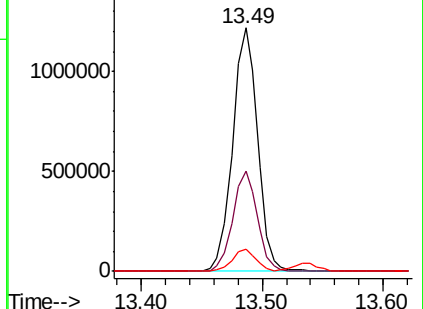
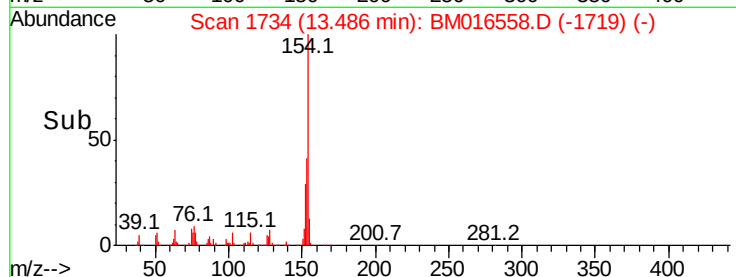
76 9.0 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 38.951 ng

RT: 13.54 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

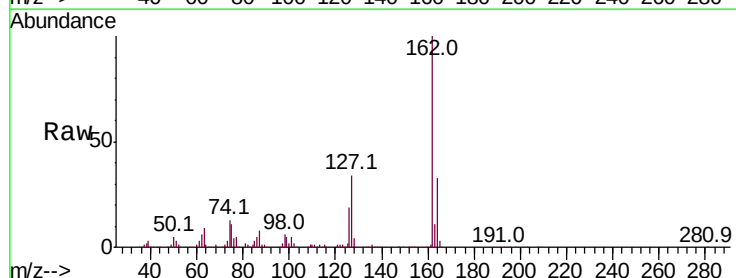
Tgt Ion:162 Resp: 1482025

Ion Ratio Lower Upper

162 100

127 33.9 26.9 40.3

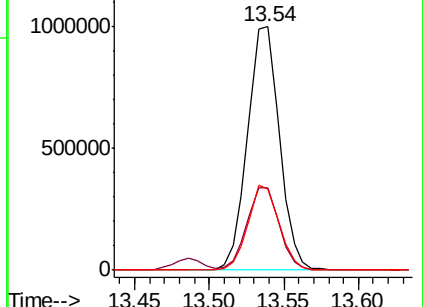
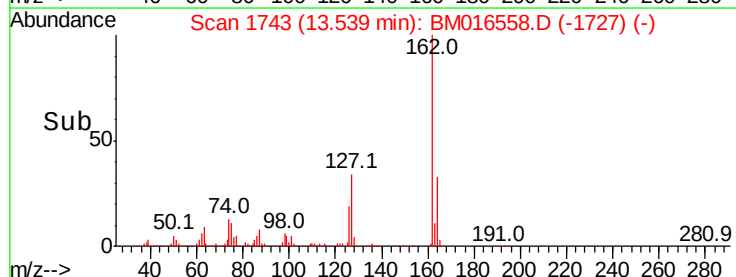
164 33.2 26.8 40.2

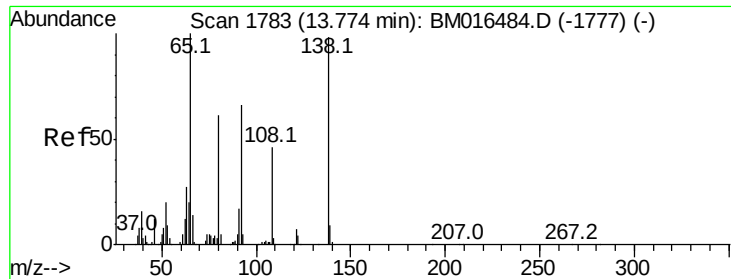


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.074 ng

RT: 13.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampled :

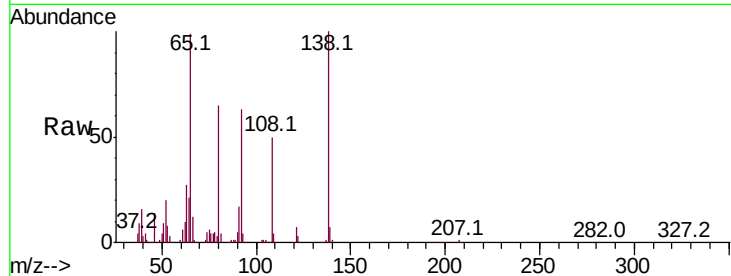
Tot Ion: 65 Resp: 345325

Ion Ratio Lower Upper

65 100

92 63.8 59.1 88.7

138 101.2 93.9 140.9



Abundance Ion 65.00 (64.70 to 65.70): BM016484.D (-1777) (-)

Ion 92.00 (91.70 to 92.70): BM016484.D (-1777) (-)

Ion 138.00 (137.70 to 138.70): BM016484.D (-1777) (-)

13.77

250000

200000

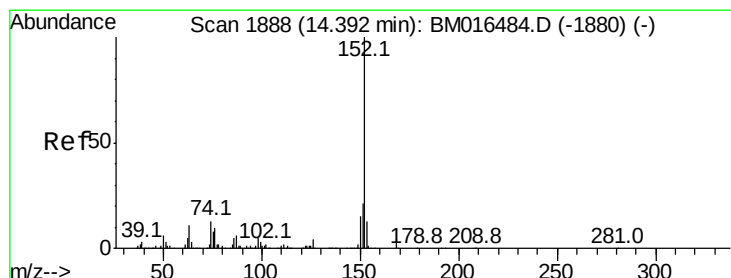
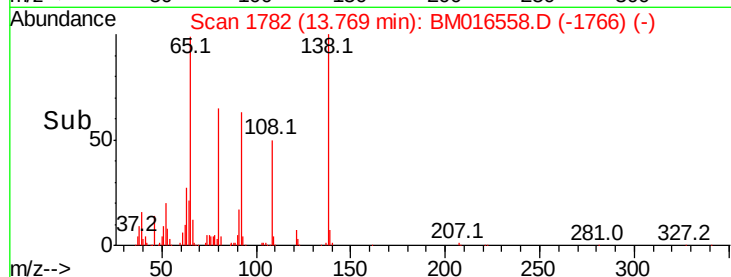
150000

100000

50000

0

Time-->



#48

Acenaphthylene

Concen: 37.394 ng

RT: 14.38 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

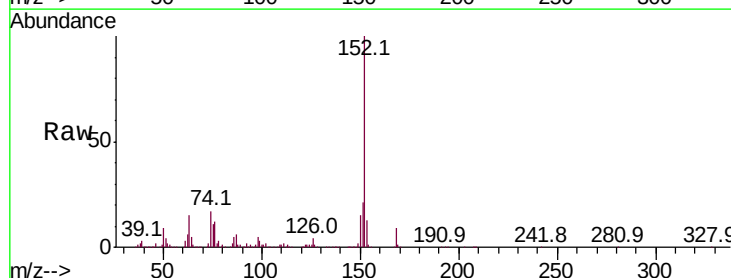
Tgt Ion: 152 Resp: 2008383

Ion Ratio Lower Upper

152 100

151 20.9 15.9 23.9

153 13.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): BM016484.D (-1880) (-)

Ion 151.00 (150.70 to 151.70): BM016484.D (-1880) (-)

Ion 153.00 (152.70 to 153.70): BM016484.D (-1880) (-)

14.38

2000000

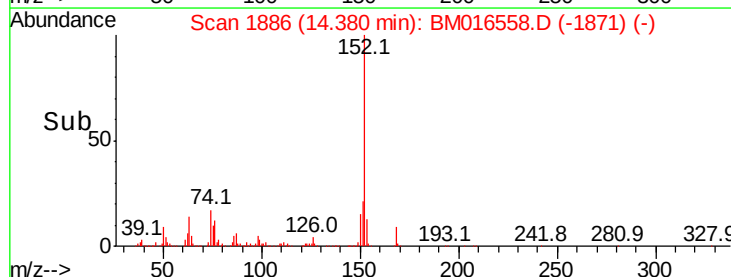
1500000

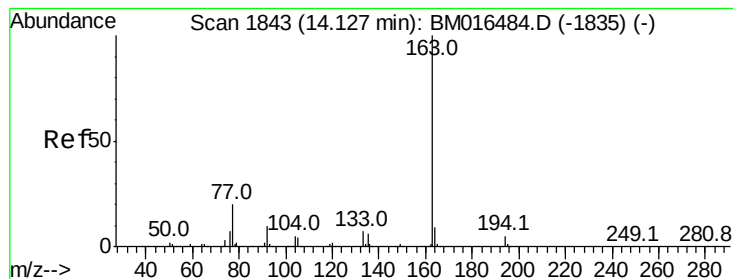
1000000

500000

0

Time-->





#49

Dimethylphthalate

Concen: 39.358 ng

RT: 14.12 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

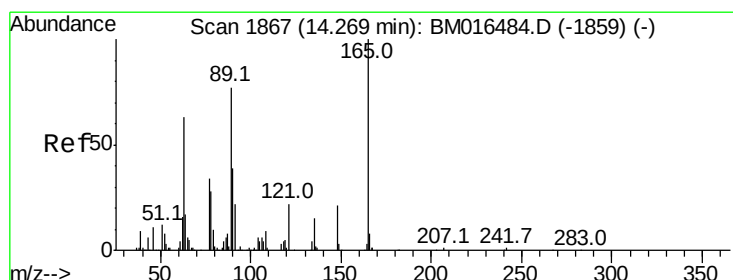
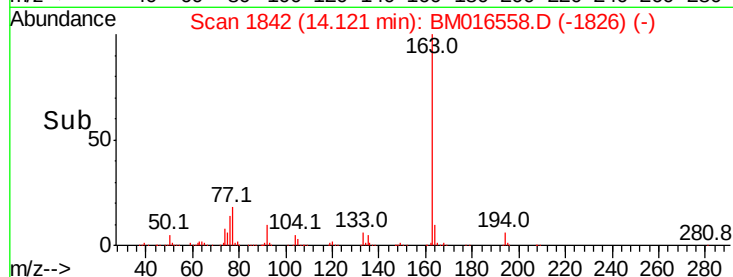
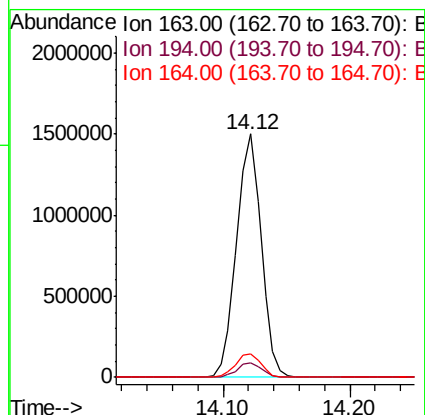
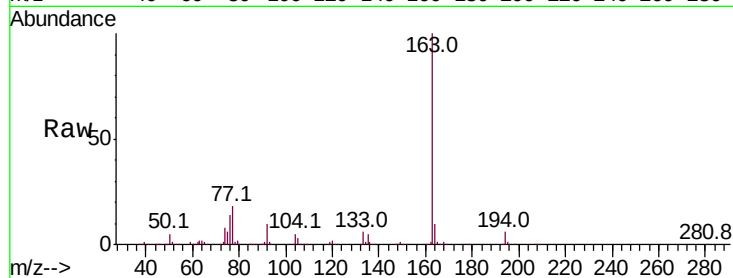
Tot Ion:163 Resp: 2019587

Ion Ratio Lower Upper

163 100

194 6.1 2.7 4.1#

164 9.8 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 41.527 ng

RT: 14.26 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

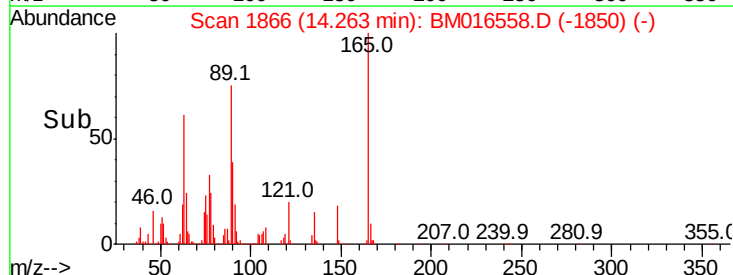
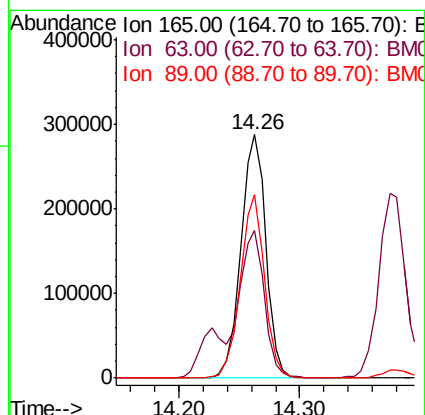
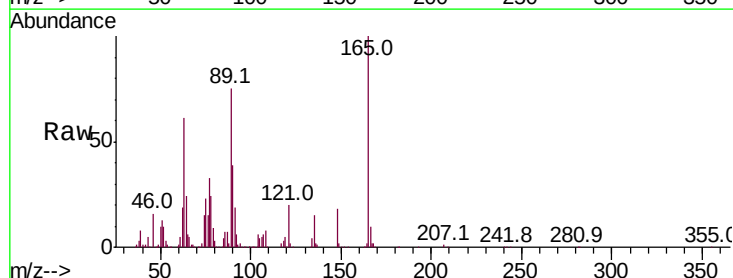
Tgt Ion:165 Resp: 415627

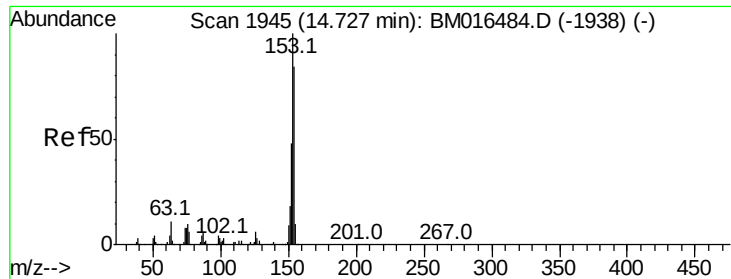
Ion Ratio Lower Upper

165 100

63 60.9 44.1 66.1

89 75.2 44.3 66.5#





#51

Acenaphthene

Concen: 37.504 ng

RT: 14.72 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

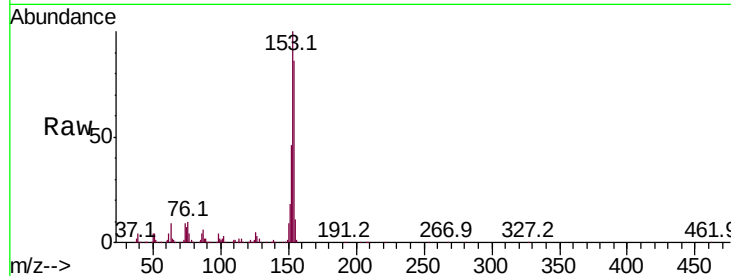
Instrument :

BNA_M

ClientSampleId :

Tot Ion:154 Resp: 1237499

Ion	Ratio	Lower	Upper
154	100		
153	116.3	90.0	135.0
152	53.9	42.6	63.8

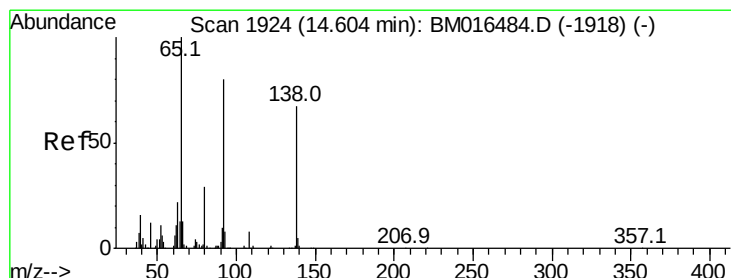
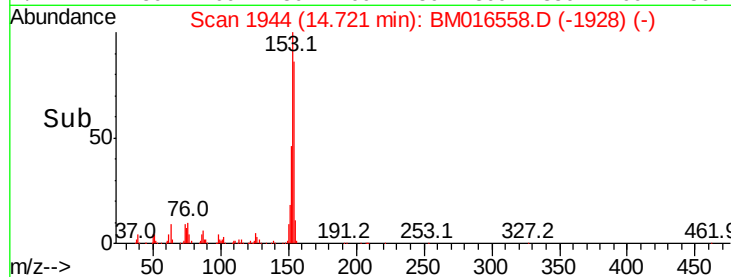
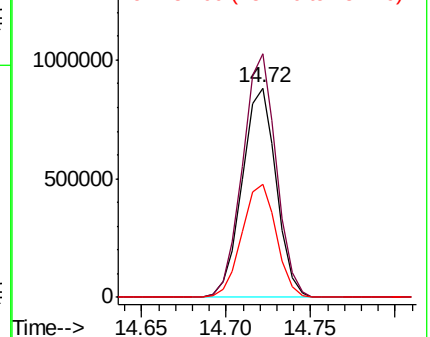


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.077 ng

RT: 14.60 min Scan# 1923

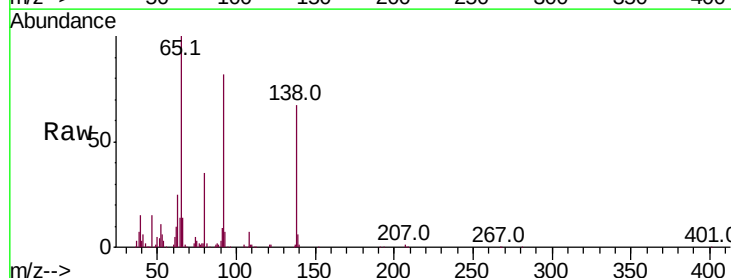
Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Tgt Ion:138 Resp: 310334

Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.3	10.9
92	121.8	76.6	114.8#

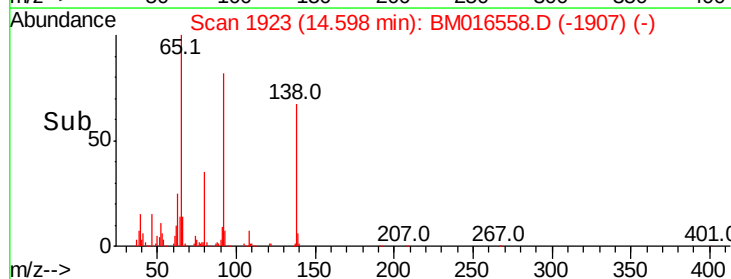
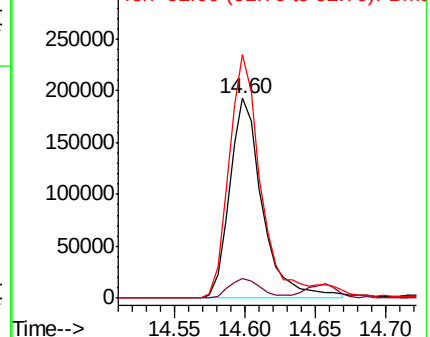


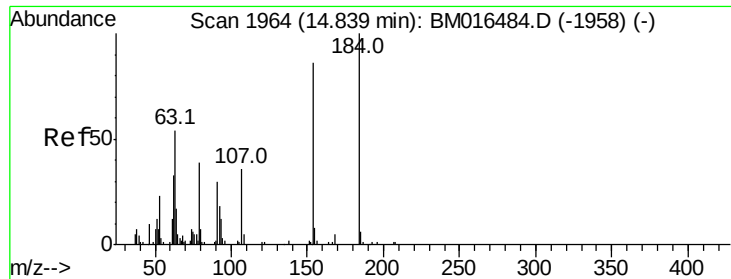
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

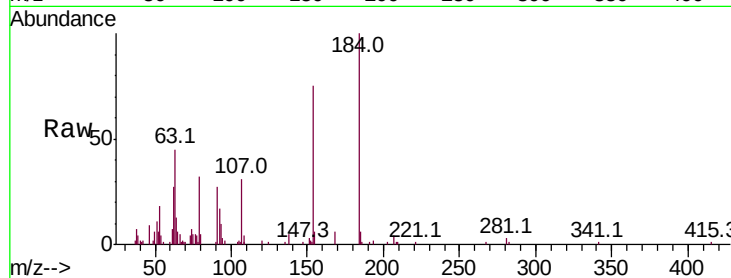




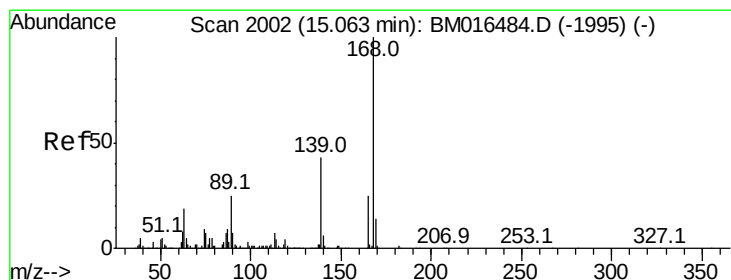
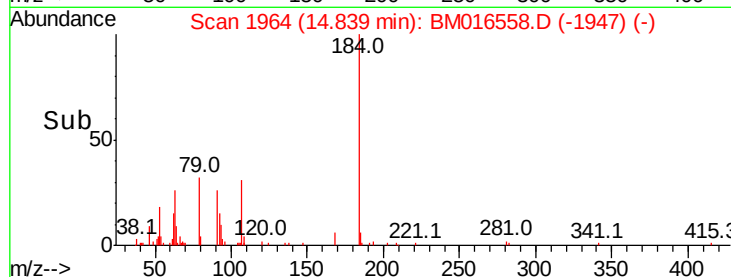
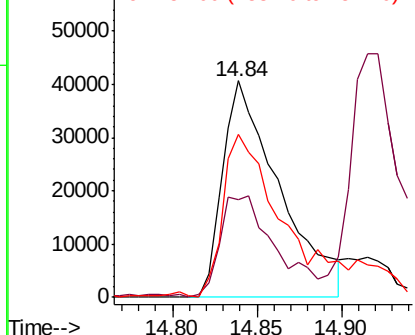
#53
2,4-Dinitrophenol
Concen: 18.975 ng
RT: 14.84 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 95041
Ion Ratio Lower Upper
184 100
63 45.0 69.2 103.8#
154 75.2 53.3 79.9

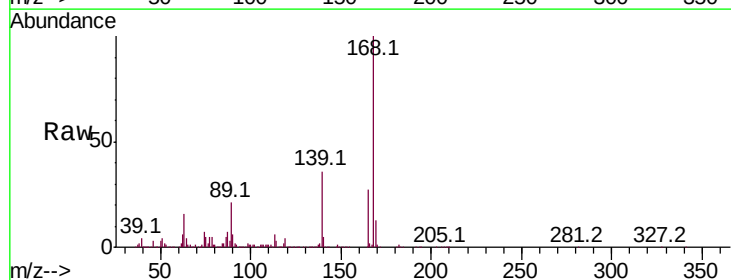


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

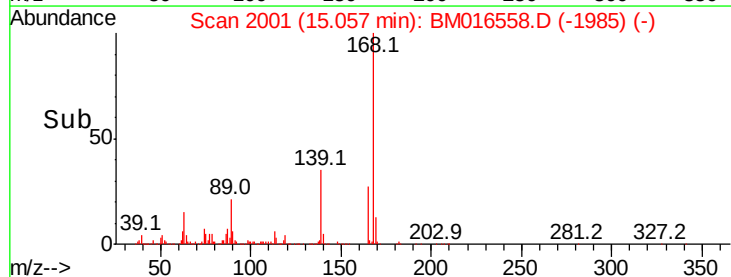
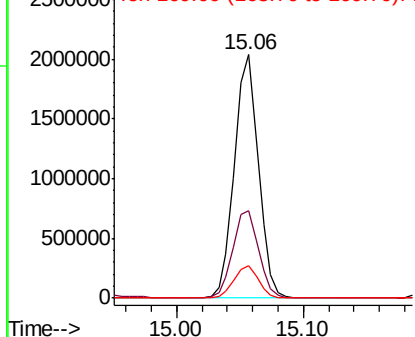


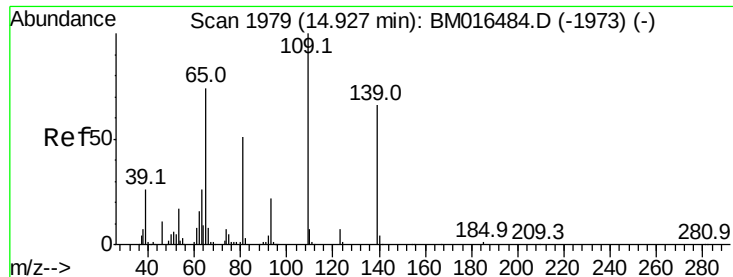
#54
Dibenzofuran
Concen: 42.319 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Tgt Ion:168 Resp: 2673060
Ion Ratio Lower Upper
168 100
139 35.9 27.3 40.9
169 13.3 10.6 16.0



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

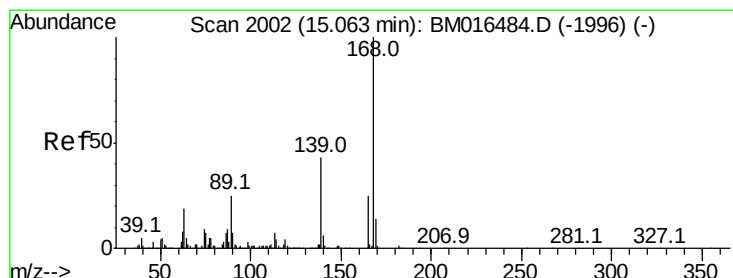
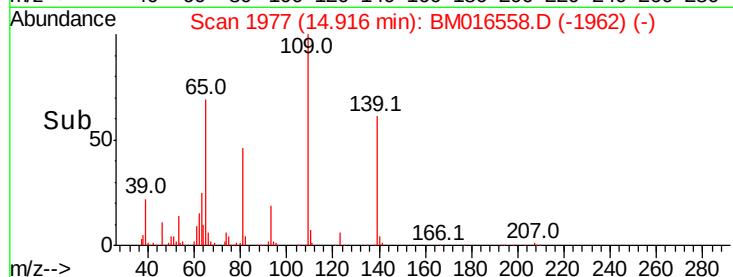
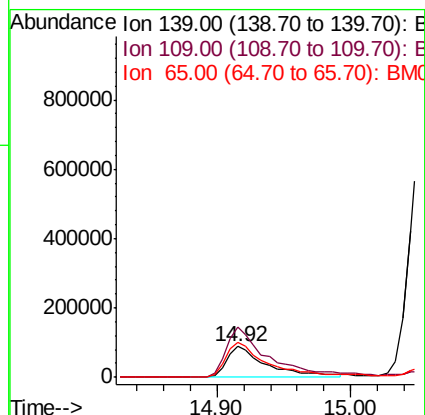
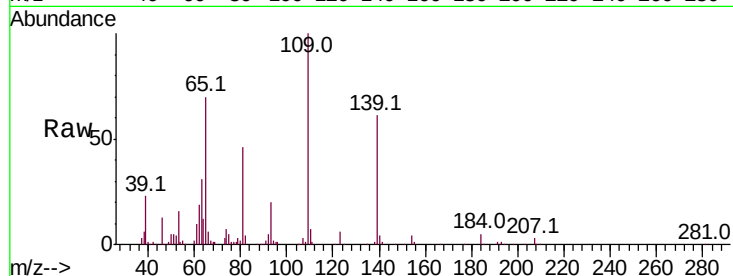




#55
4-Nitrophenol
Concen: 32.104 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

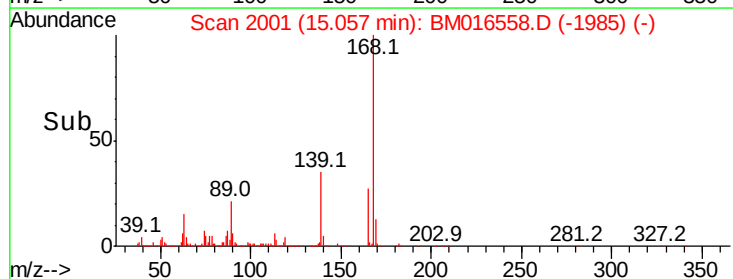
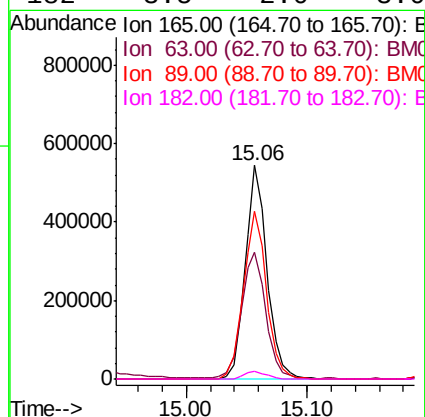
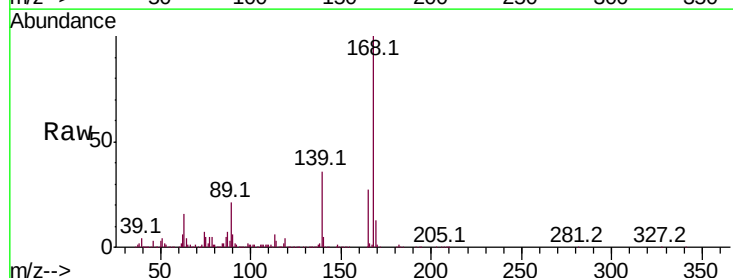
Instrument :
BNA_M
ClientSampleId :

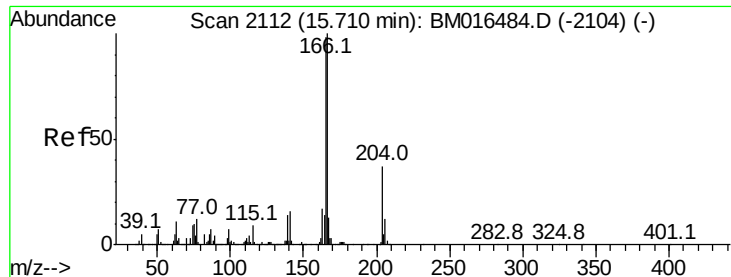
Tot Ion:139 Resp: 186477
Ion Ratio Lower Upper
139 100
109 164.5 130.0 170.0
65 114.9 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 41.028 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Tgt Ion:165 Resp: 684733
Ion Ratio Lower Upper
165 100
63 59.1 52.4 78.6
89 78.4 72.4 108.6
182 3.5 2.0 3.0#

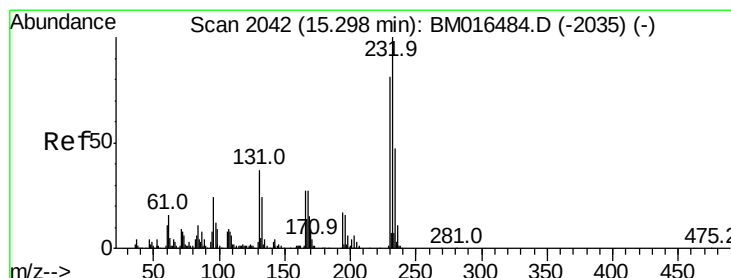
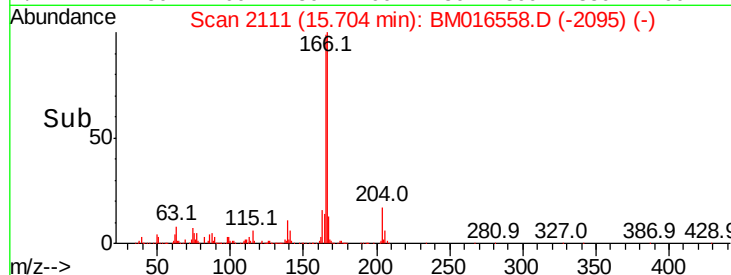
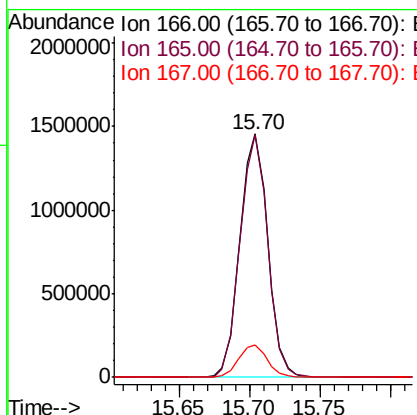
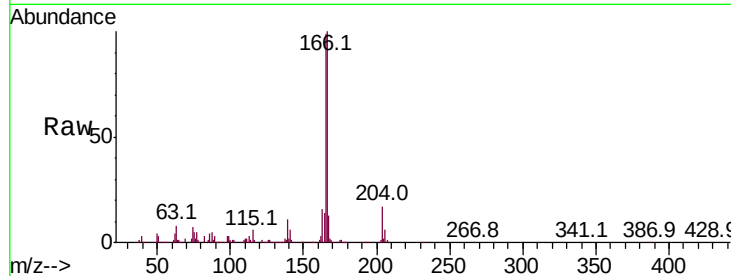




#57
 Fluorene
 Concen: 42.092 ng
 RT: 15.70 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

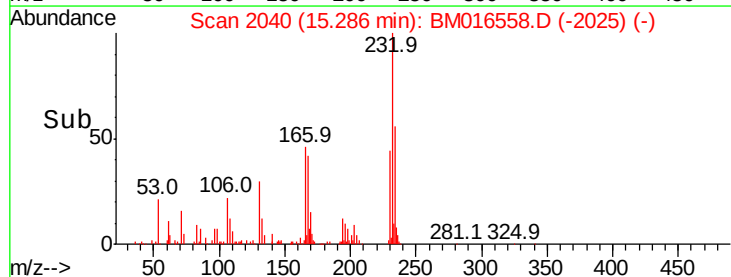
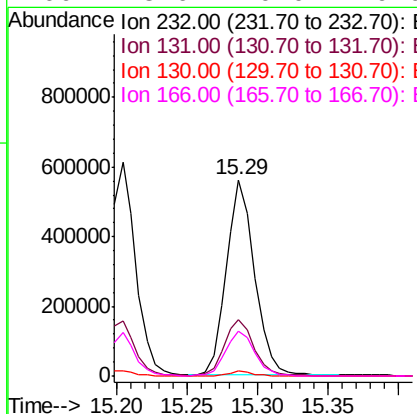
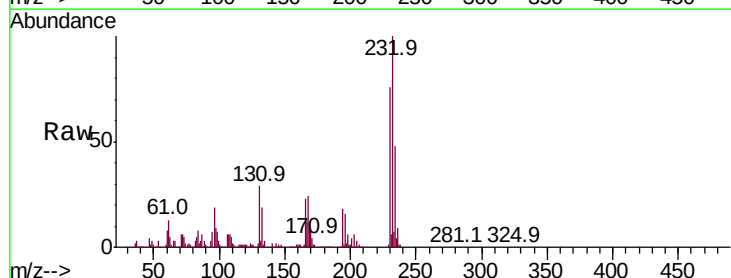
Instrument :
 BNA_M
 ClientSampleId :

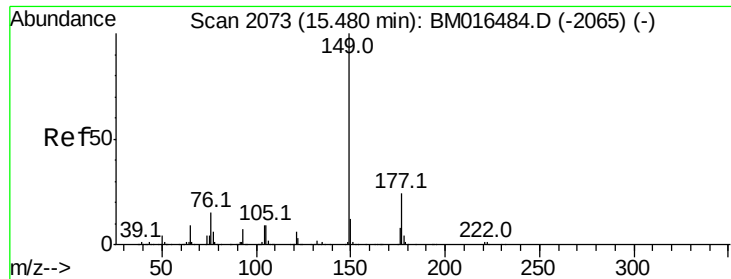
Tot Ion:166 Resp: 2008508
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.0 118.4
 167 13.4 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.859 ng
 RT: 15.29 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Tgt Ion:232 Resp: 776636
 Ion Ratio Lower Upper
 232 100
 131 30.1 0.0 0.0#
 130 2.2 0.0 0.0#
 166 23.6 0.0 0.0#

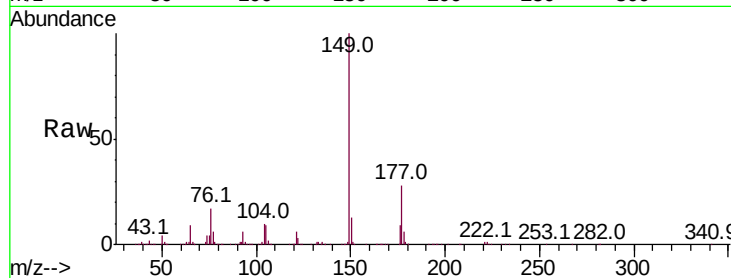




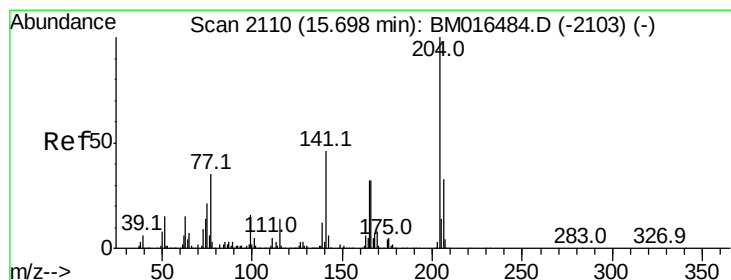
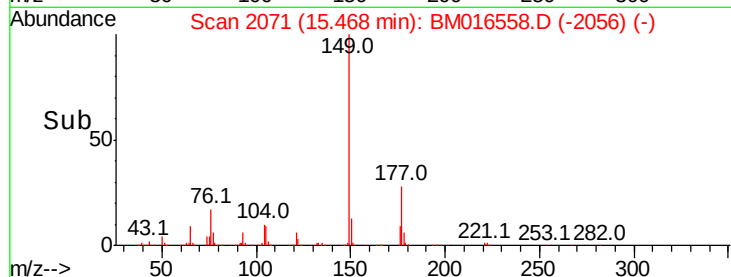
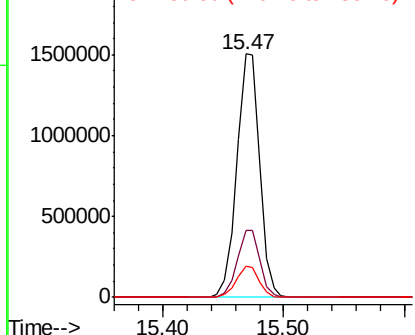
#59
Diethylphthalate
Concen: 37.085 ng
RT: 15.47 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 1984162
Ion Ratio Lower Upper
149 100
177 27.6 18.3 27.5#
150 12.8 9.8 14.8

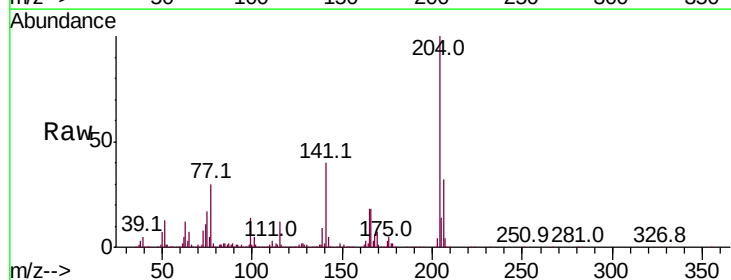


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

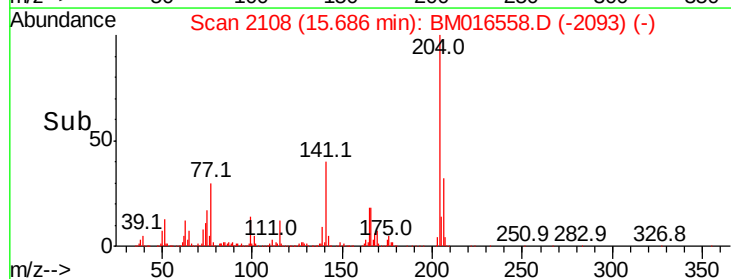
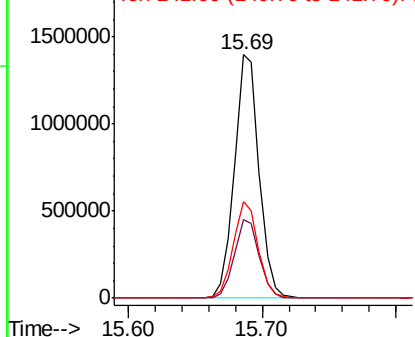


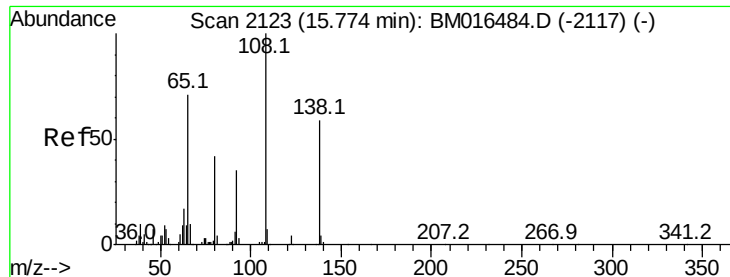
#60
4-Chlorophenyl-phenylether
Concen: 44.854 ng
RT: 15.69 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Tgt Ion:204 Resp: 1794870
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 39.8 45.2 67.8#



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

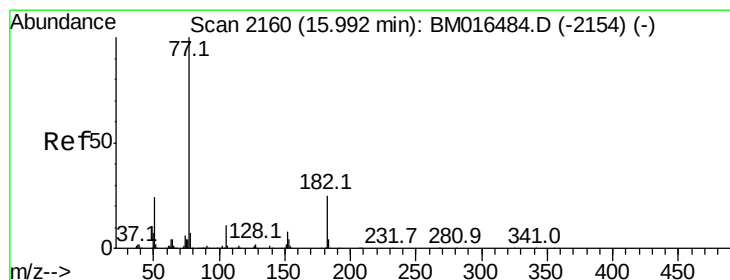
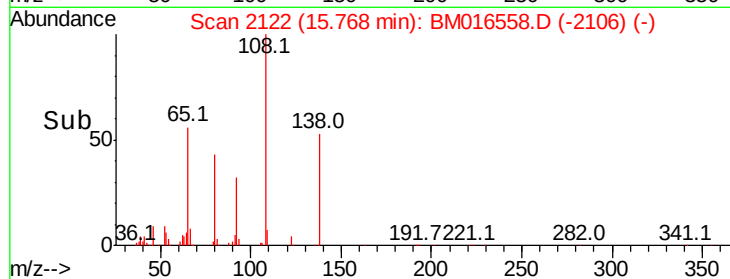
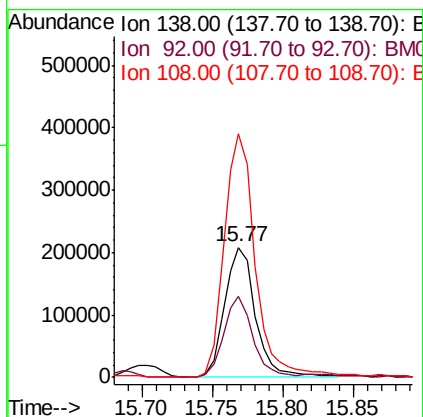
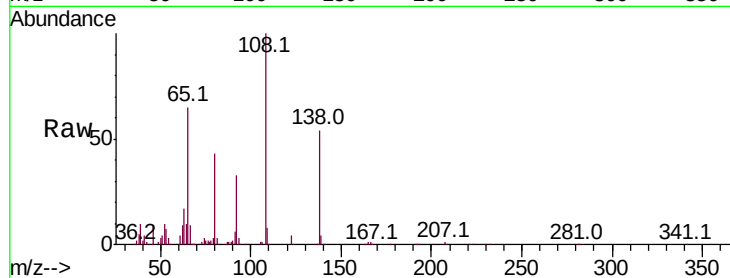




#61
4-Nitroaniline
Concen: 35.702 ng
RT: 15.77 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

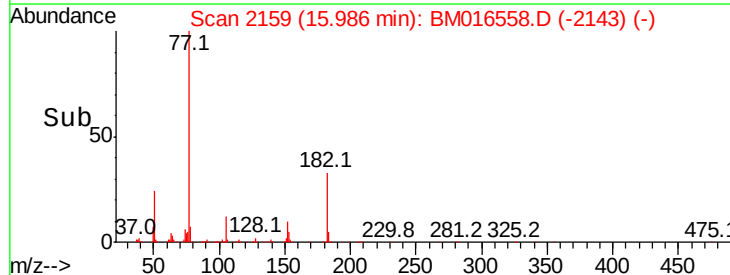
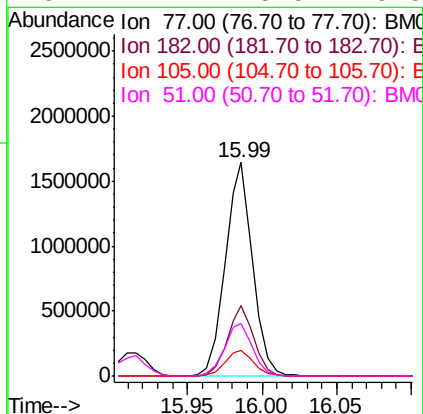
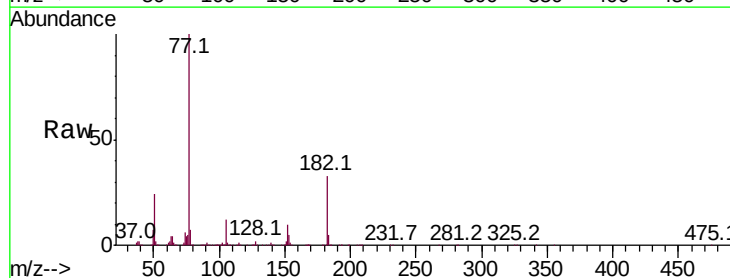
Instrument :
BNA_M
ClientSampleId :

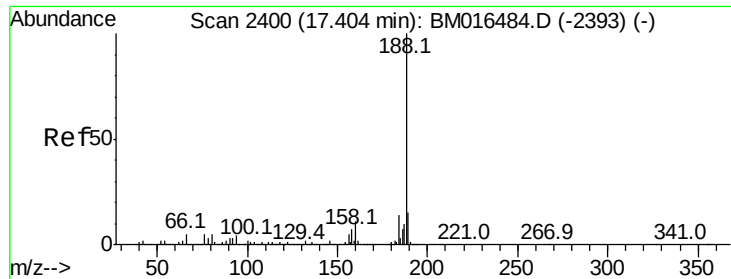
Tot Ion:138 Resp: 317760
Ion Ratio Lower Upper
138 100
92 61.8 16.7 56.7#
108 186.9 37.6 77.6#



#62
Azobenzene
Concen: 36.739 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Tgt Ion: 77 Resp: 2093662
Ion Ratio Lower Upper
77 100
182 32.9 6.5 46.5
105 11.7 3.8 43.8
51 24.4 5.5 45.5

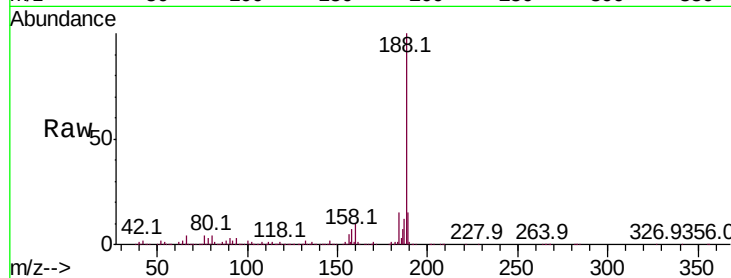




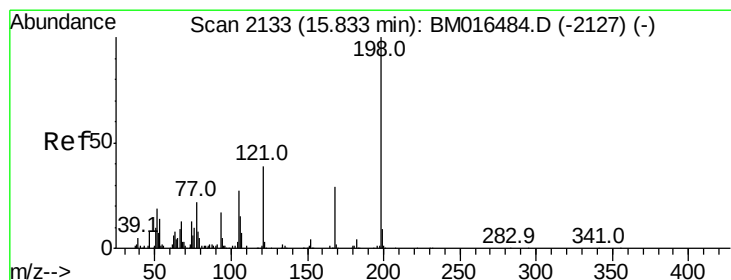
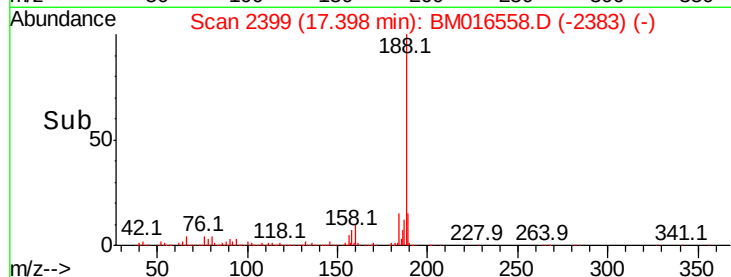
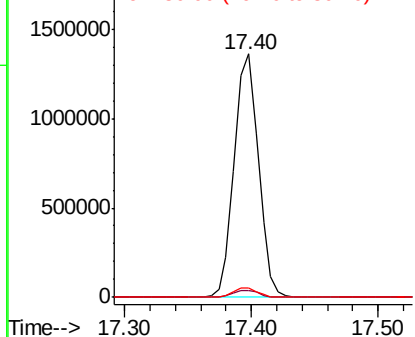
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 1797446
Ion Ratio Lower Upper
188 100
94 2.8 8.7 13.1#
80 4.0 9.3 13.9#

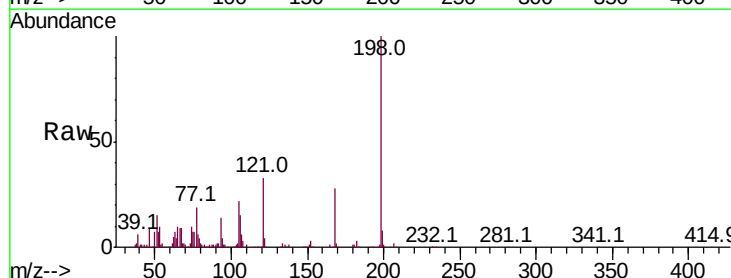


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

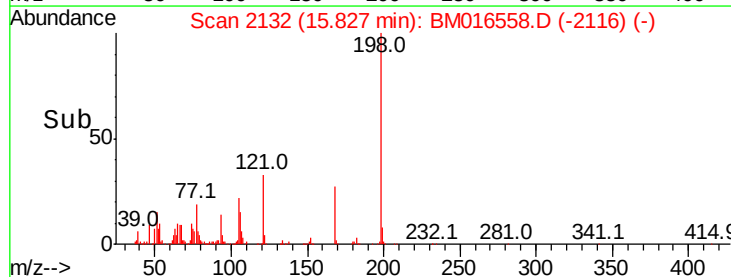
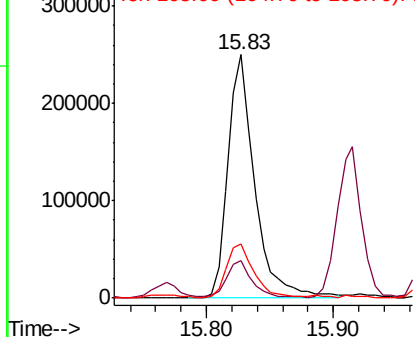


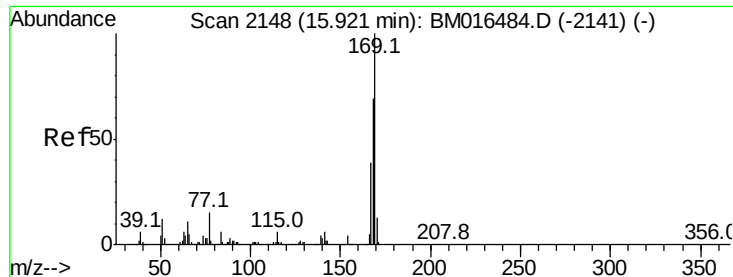
#64
4,6-Dinitro-2-methylphenol
Concen: 26.737 ng
RT: 15.83 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Tgt Ion:198 Resp: 365155
Ion Ratio Lower Upper
198 100
51 15.2 28.8 68.8#
105 22.1 30.5 70.5#



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





#65

n-Nitrosodiphenylamine

Concen: 37.280 ng

RT: 15.92 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

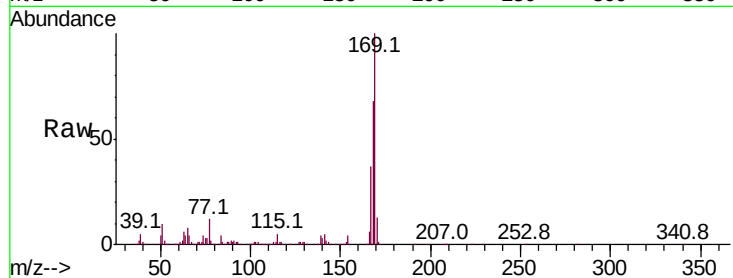
Tot Ion:169 Resp: 1885102

Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.9	80.9
167	36.7	28.9	43.3

169 100

168 68.2 53.9 80.9

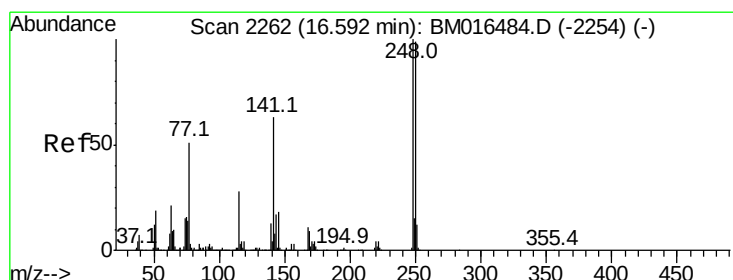
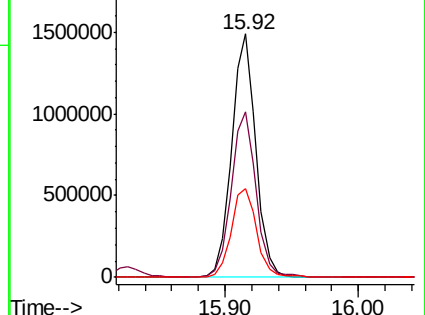
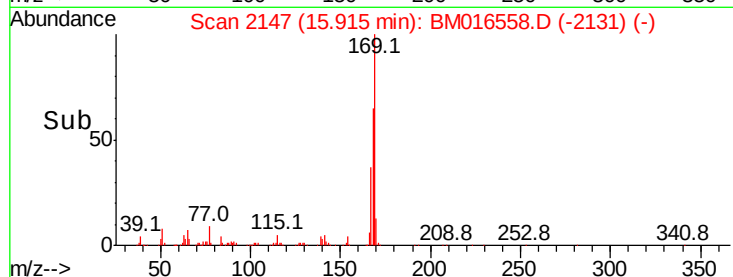
167 36.7 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

2000000 Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.305 ng

RT: 16.58 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

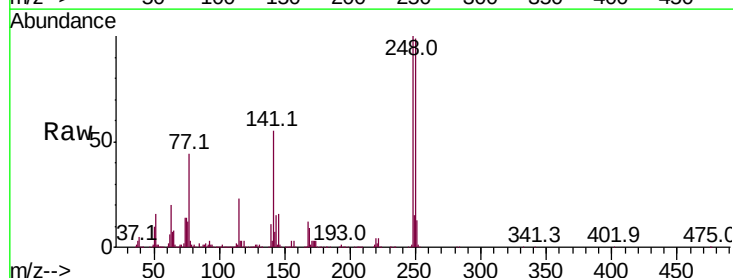
Tgt Ion:248 Resp: 1113146

Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.4	116.0
141	55.1	45.2	67.8

248 100

250 98.9 77.4 116.0

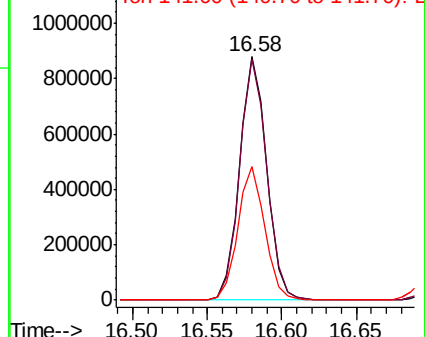
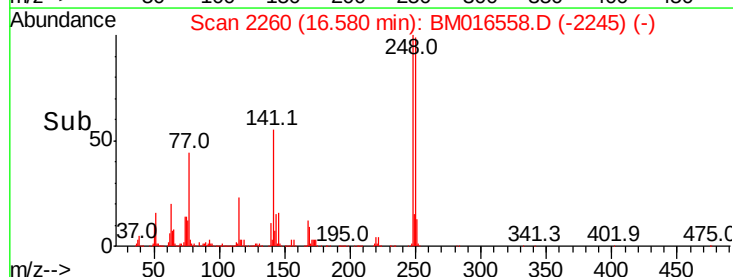
141 55.1 45.2 67.8

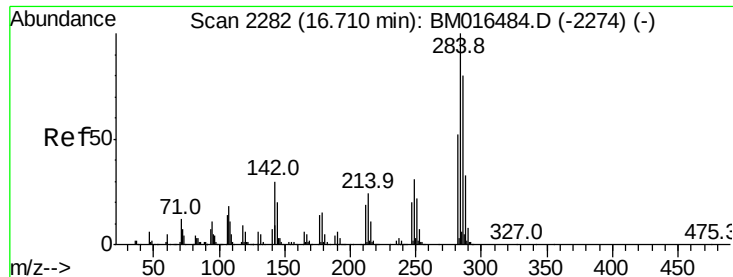


Abundance Ion 248.00 (247.70 to 248.70): E

1200000 Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.592 ng

RT: 16.70 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

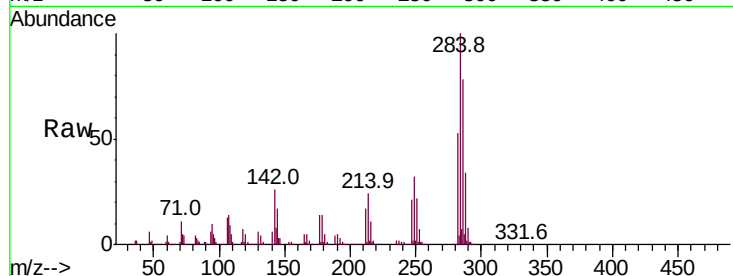
Instrument :

BNA_M

ClientSampleId :

Tot Ion:284 Resp: 1307413

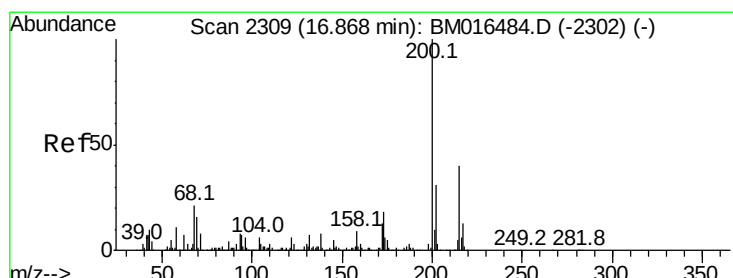
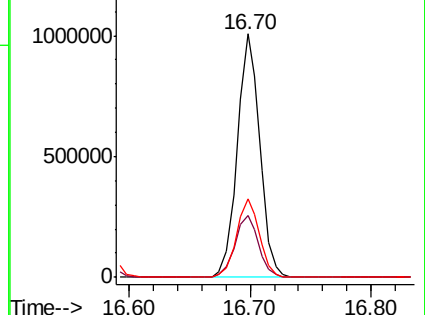
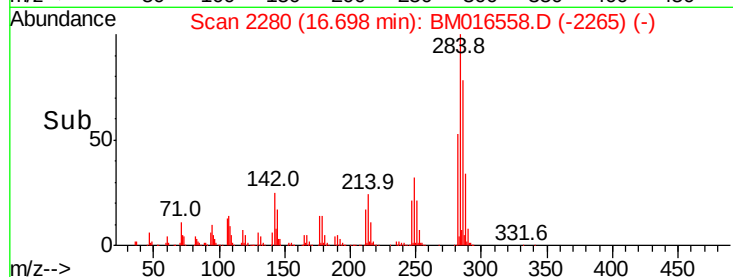
Ion	Ratio	Lower	Upper
284	100		
142	25.6	20.4	30.6
249	32.0	23.8	35.6



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



#68

Atrazine

Concen: 42.201 ng

RT: 16.86 min Scan# 2308

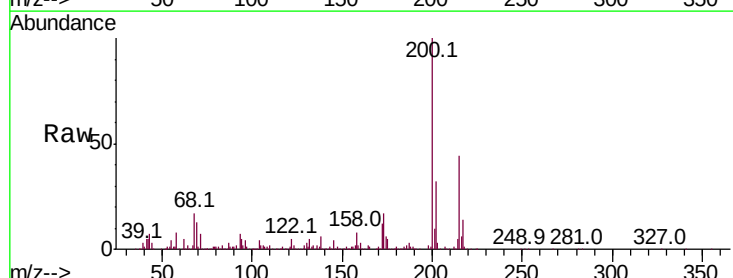
Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Tgt Ion:200 Resp: 973875

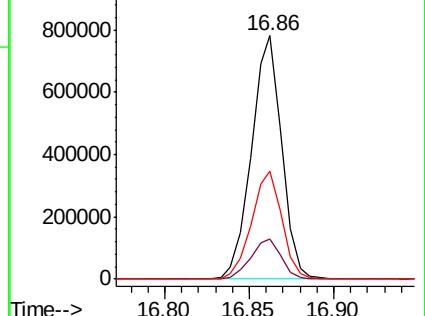
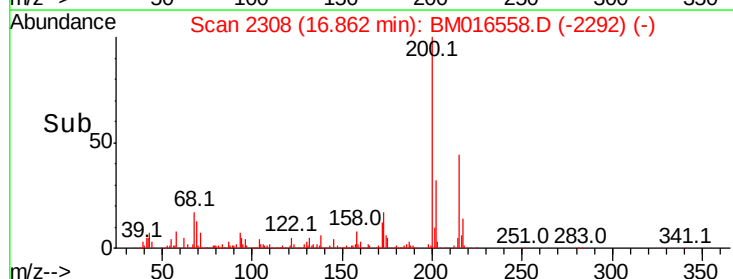
Ion	Ratio	Lower	Upper
200	100		
173	16.7	4.8	44.8
215	44.4	26.9	66.9

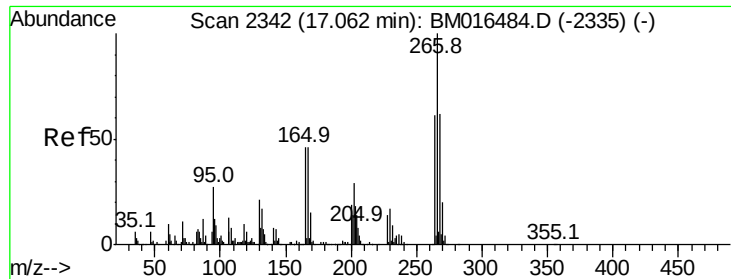


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

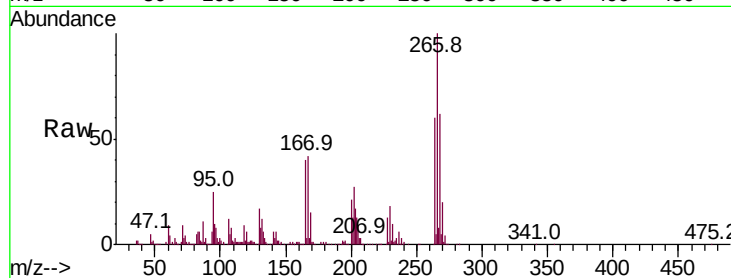




#69
 Pentachlorophenol
 Concen: 37.333 ng
 RT: 17.05 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	52.0	78.0
264	60.2	49.0	73.4

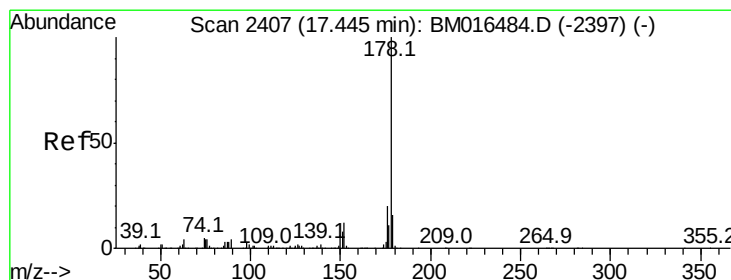
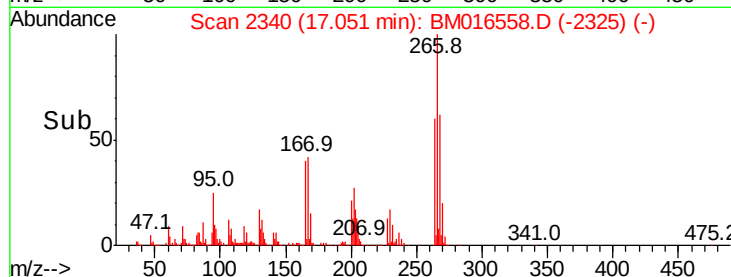
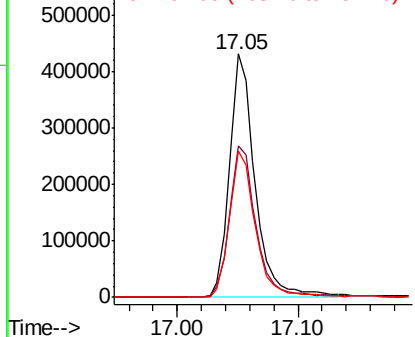


Abundance

Ion 265.70 (265.40 to 266.40): E

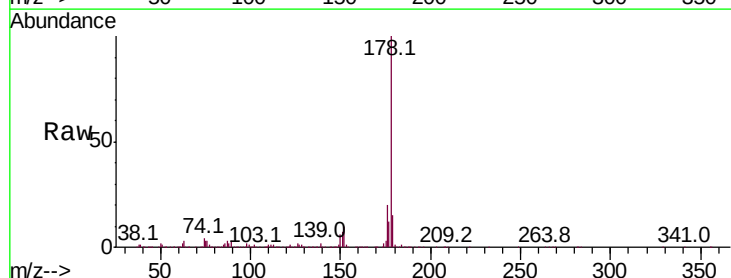
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 38.809 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	15.2	12.1	18.1

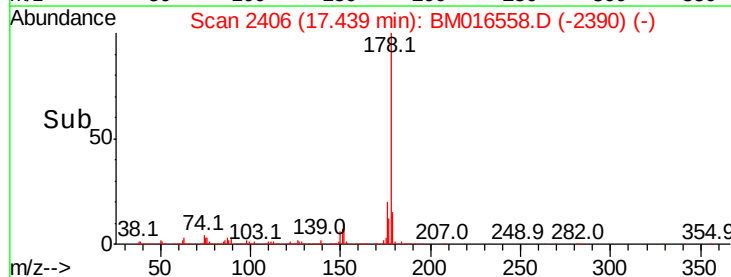
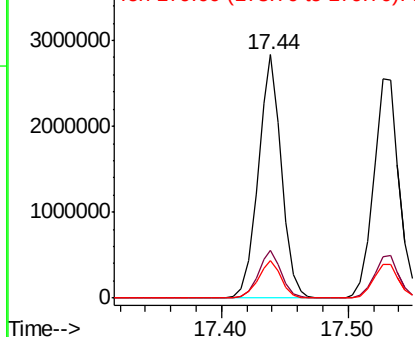


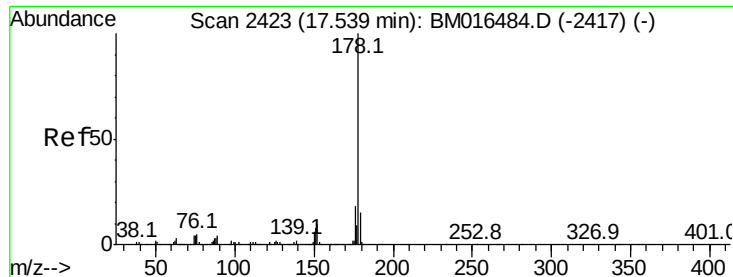
Abundance

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



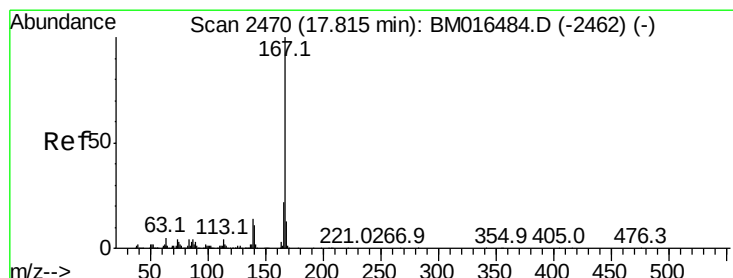
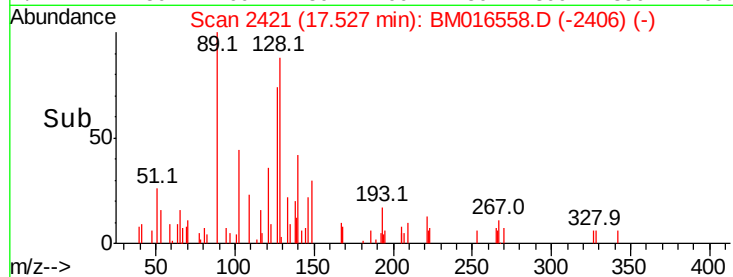
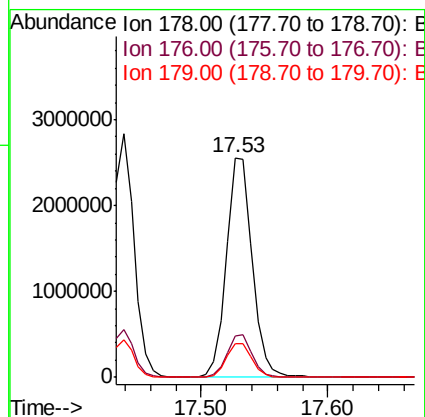
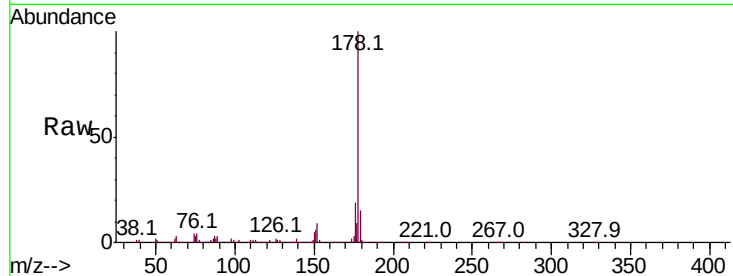


#71
 Anthracene
 Concen: 38.745 ng
 RT: 17.53 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 3574281

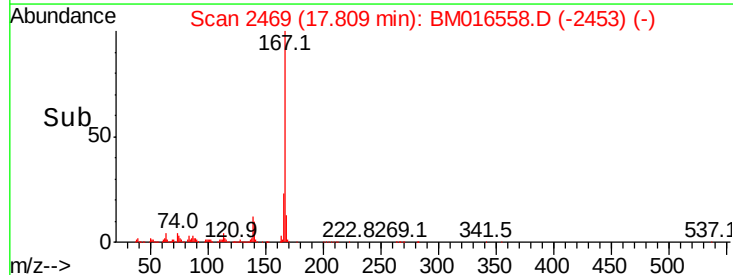
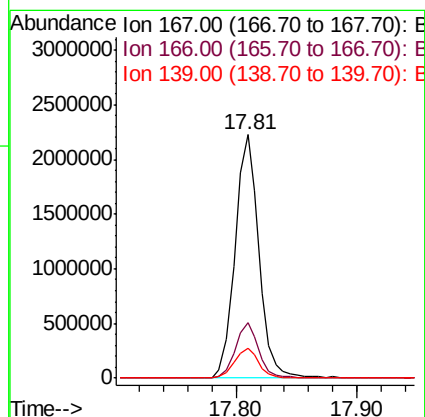
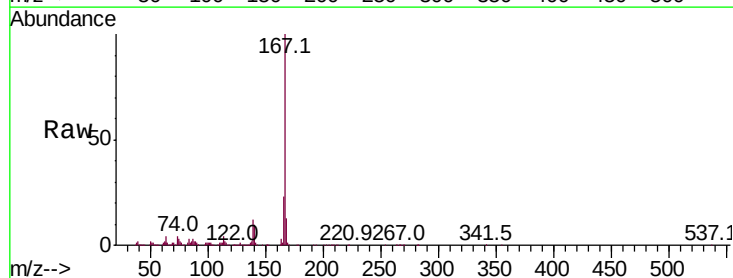
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.2	12.6	19.0

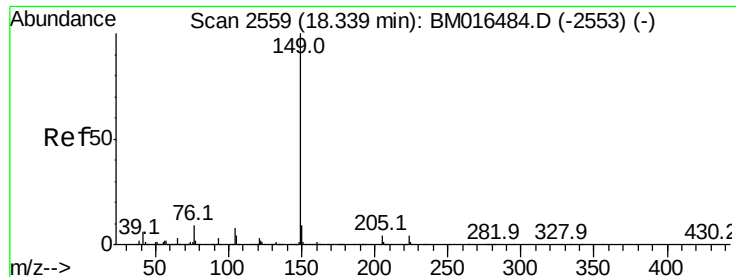


#72
 Carbazole
 Concen: 36.978 ng
 RT: 17.81 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Tgt Ion:167 Resp: 3065660

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.2	25.8
139	12.3	10.8	16.2





#73

Di-n-butylphthalate

Concen: 35.184 ng

RT: 18.33 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

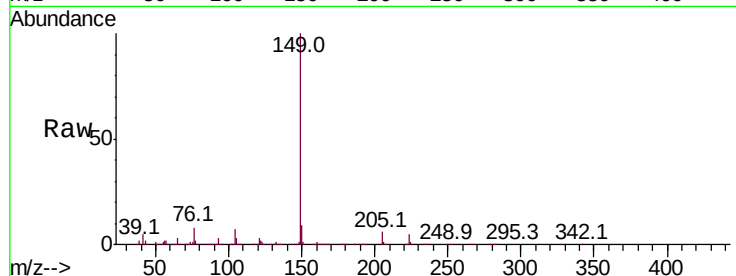
Tot Ion:149 Resp: 3556162

Ion Ratio Lower Upper

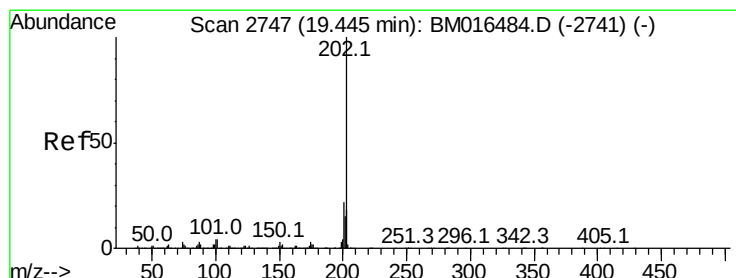
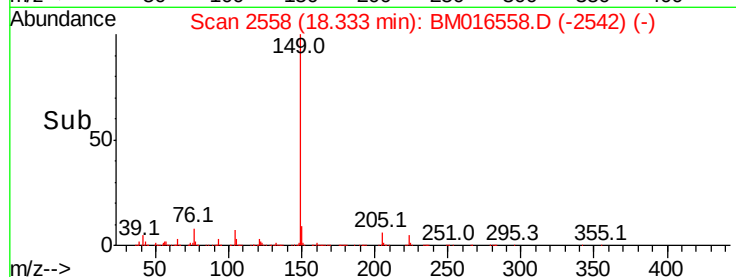
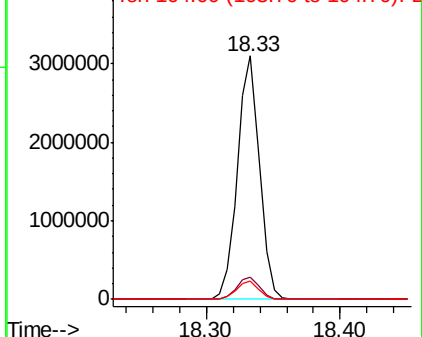
149 100

150 9.1 7.5 11.3

104 7.3 3.7 5.5#



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



#74

Fluoranthene

Concen: 41.085 ng

RT: 19.44 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

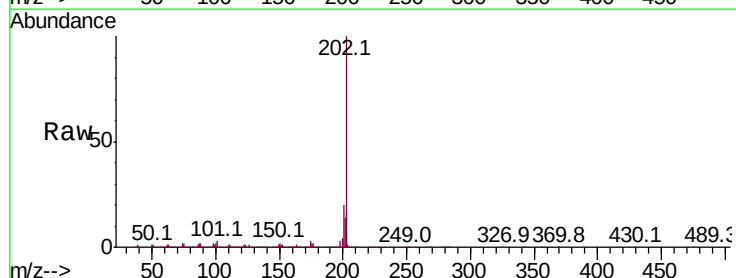
Tgt Ion:202 Resp: 5596335

Ion Ratio Lower Upper

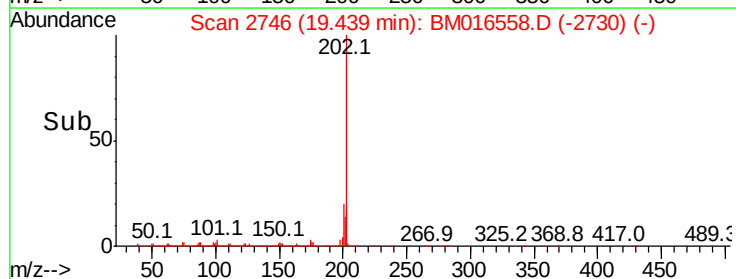
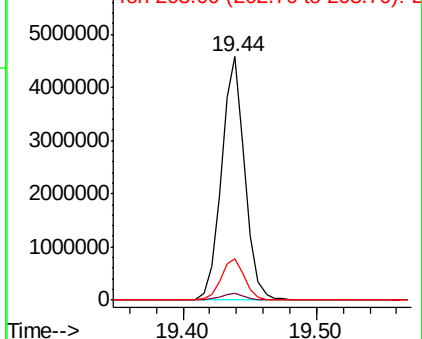
202 100

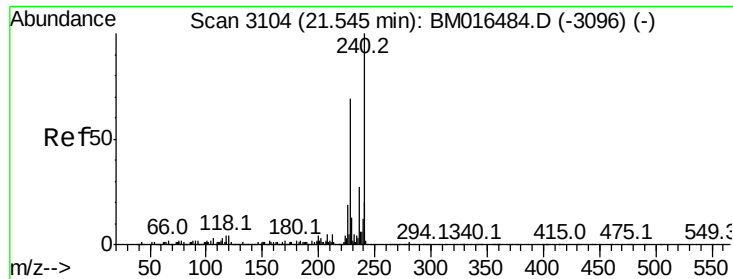
101 2.8 0.0 28.7

203 17.1 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

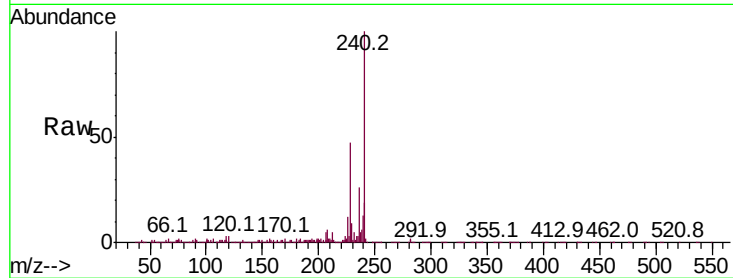
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 2848677

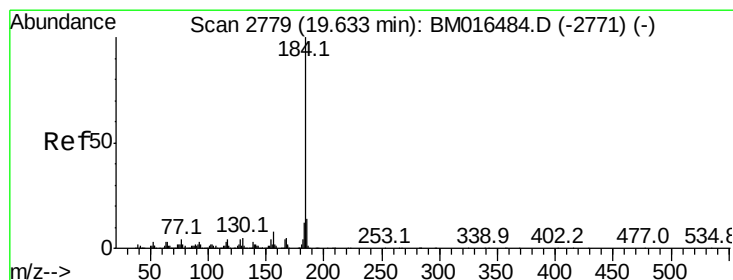
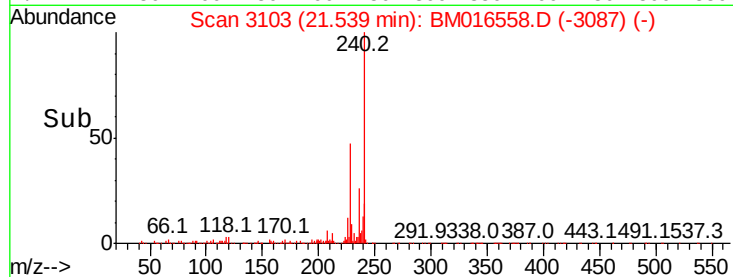
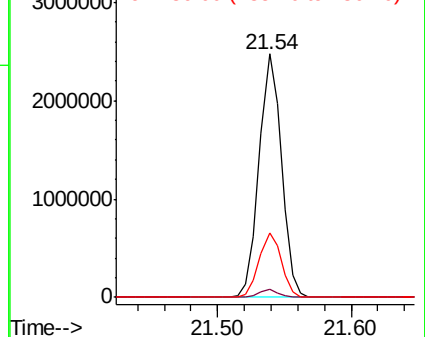
Ion	Ratio	Lower	Upper
240	100		
120	3.1	8.2	12.2#
236	26.4	20.0	30.0



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



#76

Benzidine

Concen: 46.136 ng

RT: 19.63 min Scan# 2778

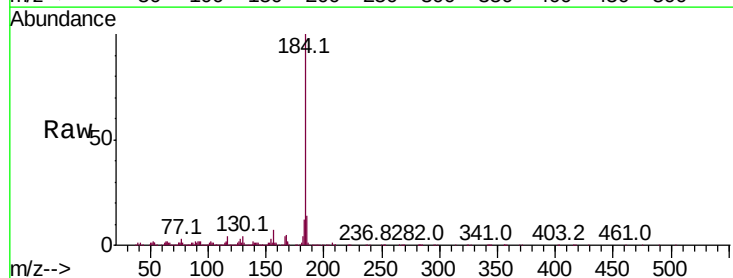
Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Tgt Ion:184 Resp: 2527483

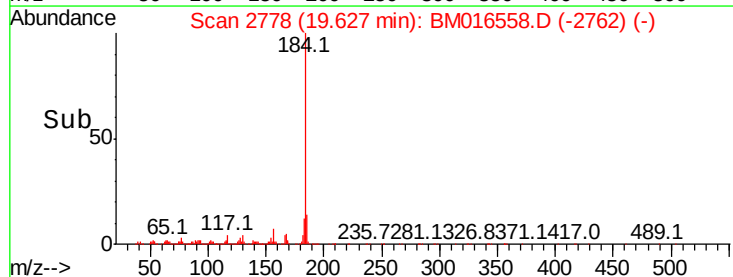
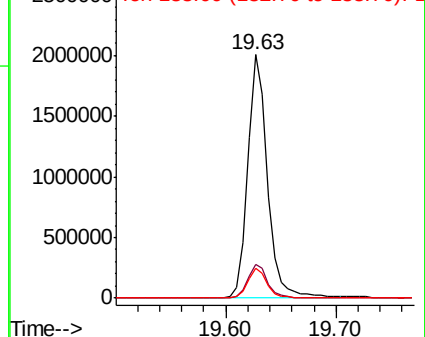
Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.3	16.9
183	12.2	8.9	13.3

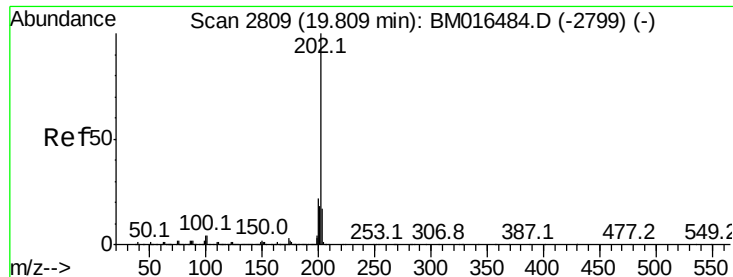


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.384 ng

RT: 19.80 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

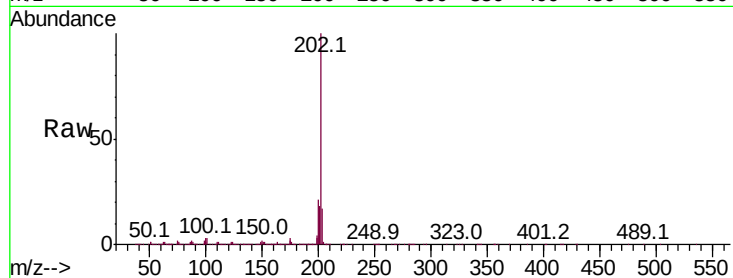
Tot Ion:202 Resp: 5942338

Ion Ratio Lower Upper

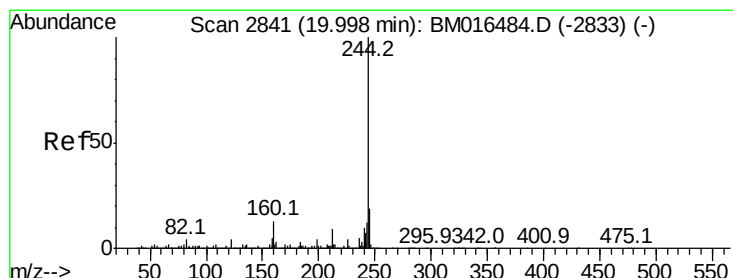
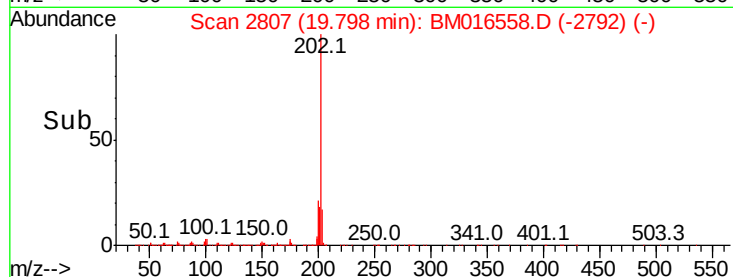
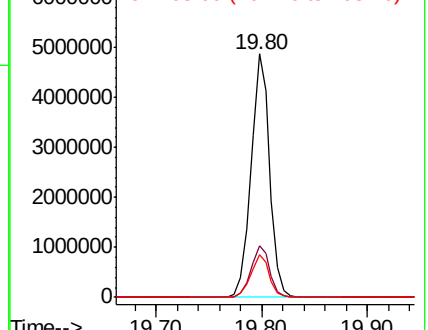
202 100

200 21.4 16.9 25.3

203 17.3 14.1 21.1



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



#78

Terphenyl-d14

Concen: 81.930 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

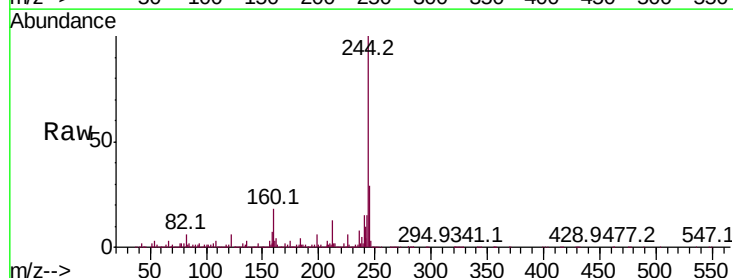
Tgt Ion:244 Resp:11026888

Ion Ratio Lower Upper

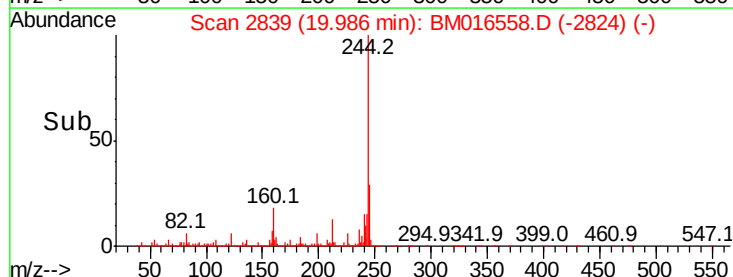
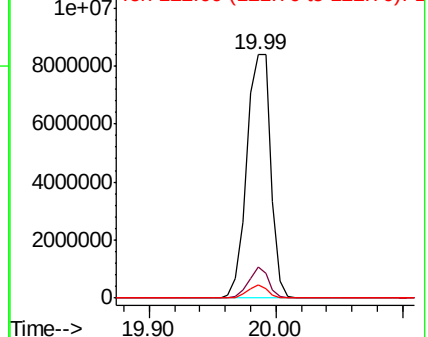
244 100

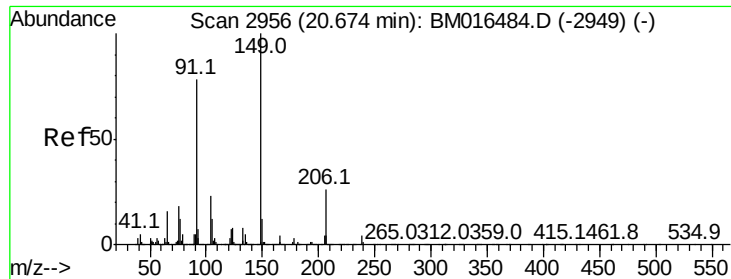
212 12.7 4.9 7.3#

122 5.5 6.2 9.4#



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

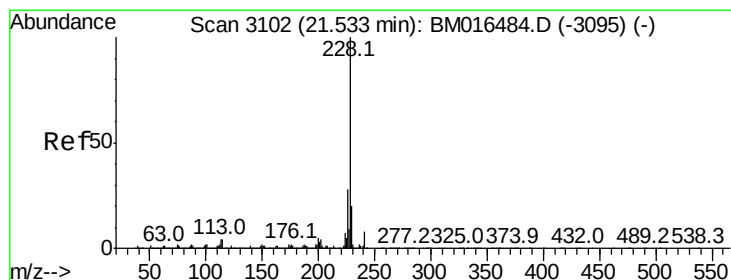
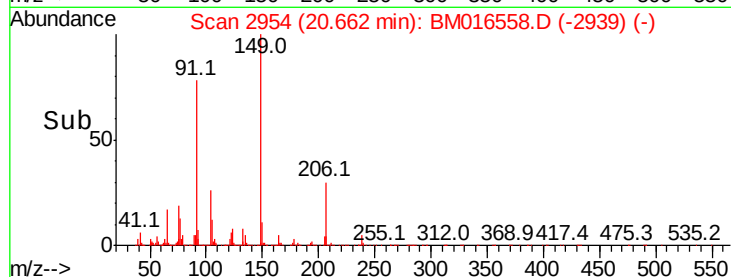
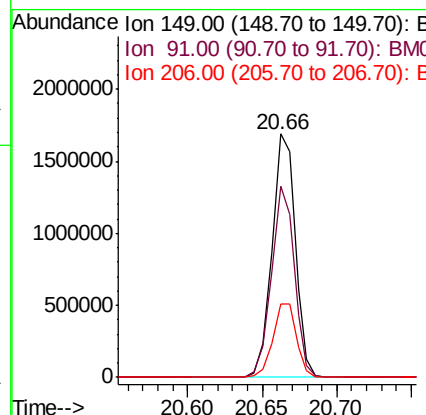
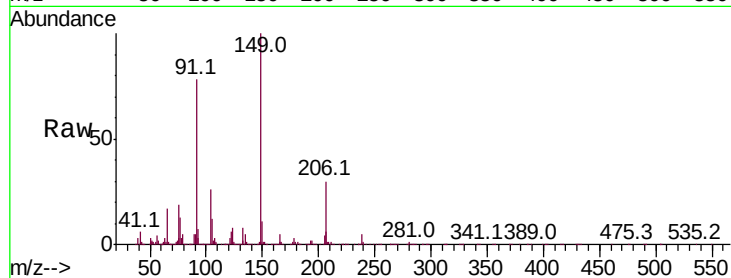




#79
Butylbenzylphthalate
Concen: 34.001 ng
RT: 20.66 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

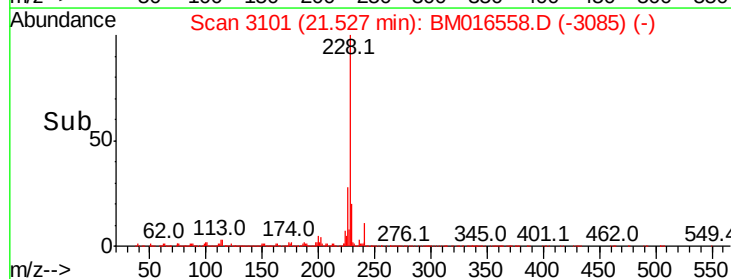
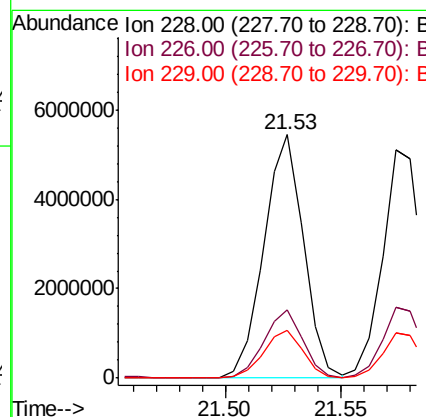
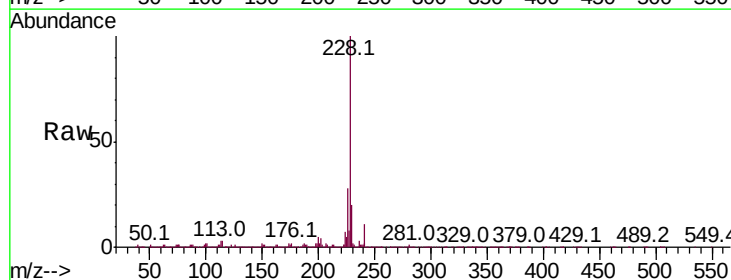
Instrument :
BNA_M
ClientSampleId :

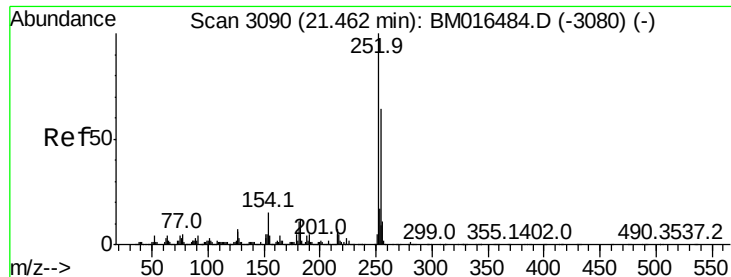
Tot Ion:149 Resp: 1816940
Ion Ratio Lower Upper
149 100
91 78.4 50.1 75.1#
206 30.2 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 38.819 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016558.D
Acq: 23 Aug 2018 16:17

Tgt Ion:228 Resp: 6501297
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 19.6 16.0 24.0

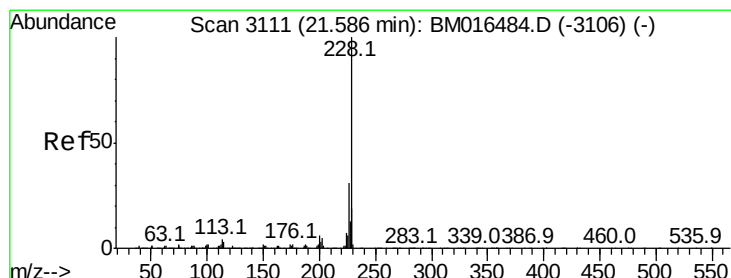
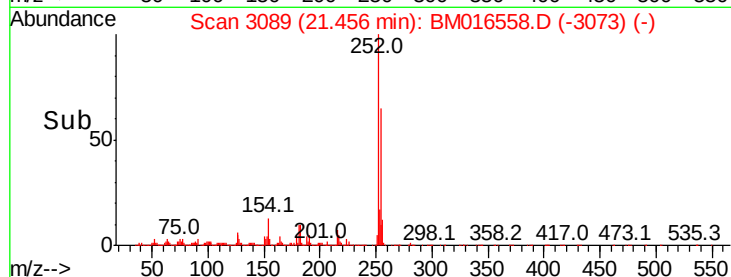
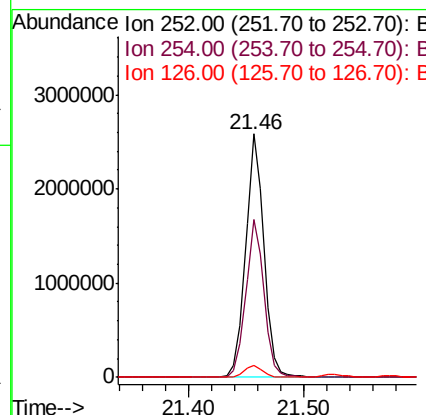
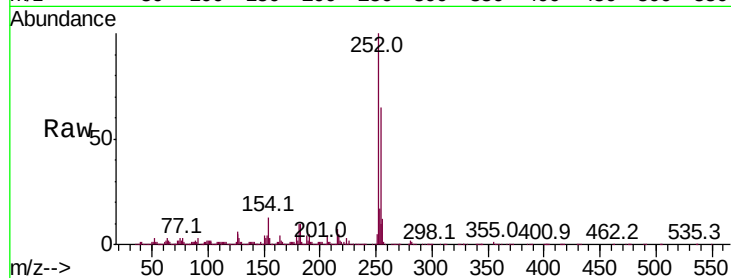




#81
 3,3'-Dichlorobenzidine
 Concen: 37.922 ng
 RT: 21.46 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

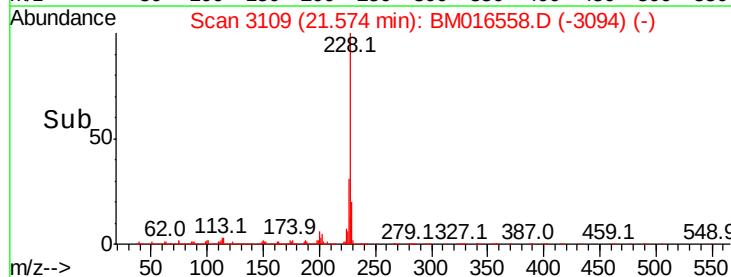
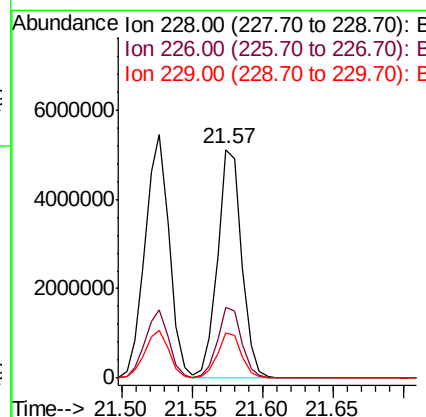
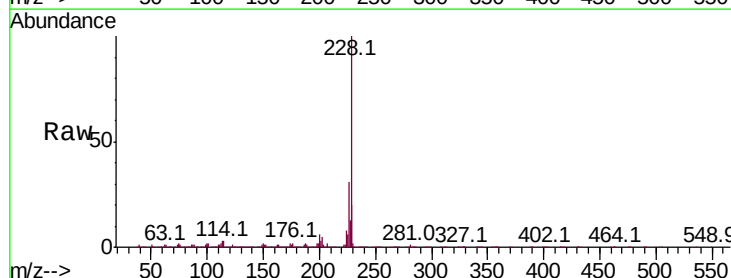
Instrument :
 BNA_M
 ClientSampleId :

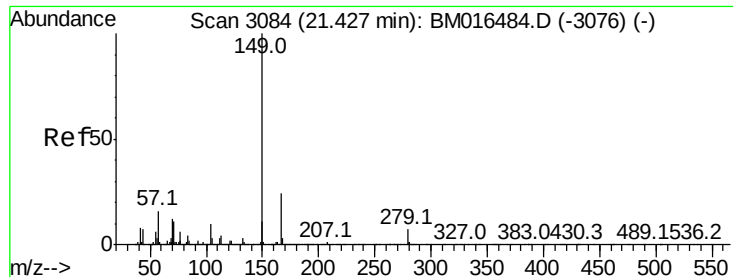
Tot Ion:252 Resp: 2827056
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.9 77.9
 126 4.8 9.8 14.8#



#82
 Chrysene
 Concen: 38.099 ng
 RT: 21.57 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Tgt Ion:228 Resp: 6088060
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.1 36.1
 229 19.7 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.169 ng

RT: 21.42 min Scan# 3082

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

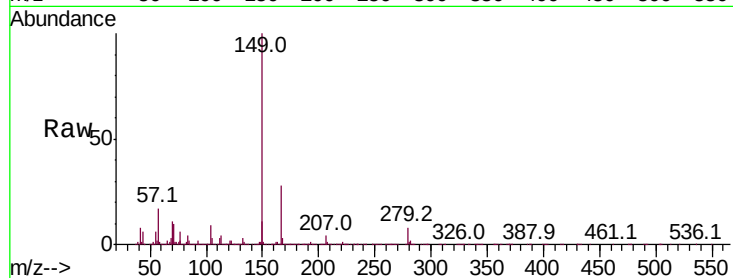
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 2714485

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.4	33.6
279	7.7	3.4	5.0

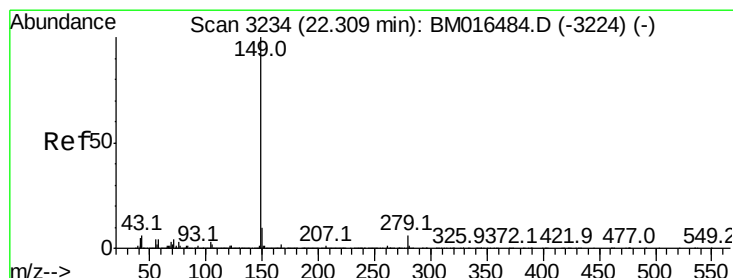
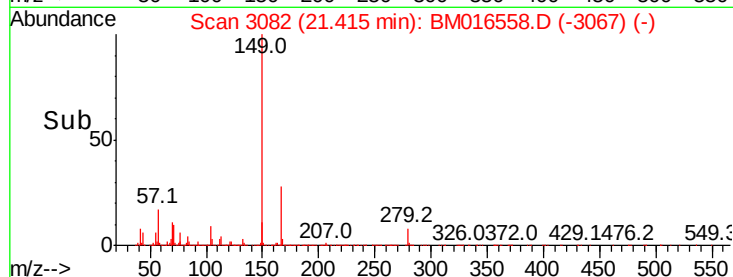
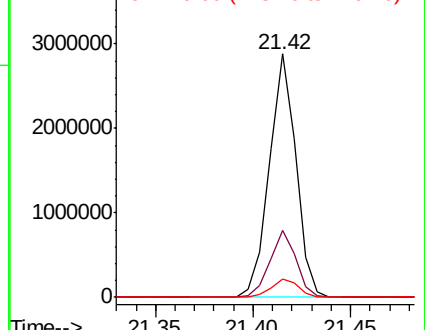


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.391 ng

RT: 22.30 min Scan# 3233

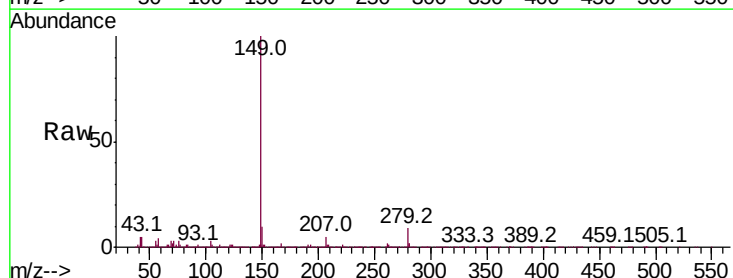
Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Tgt Ion:149 Resp: 4408224

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	5.8	7.3	10.9

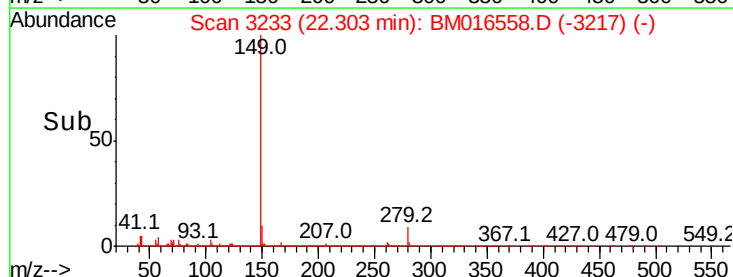
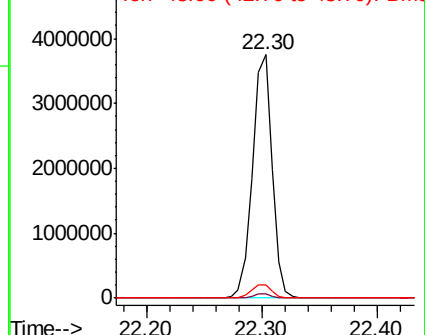


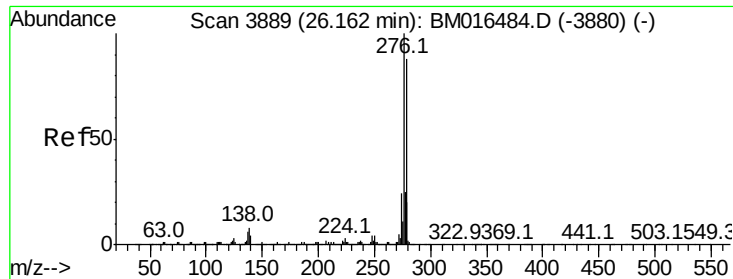
Abundance

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): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.410 ng

RT: 26.15 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

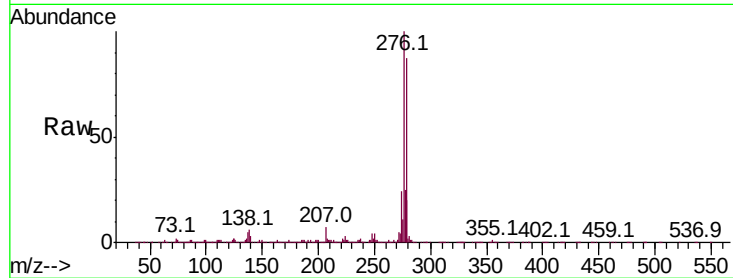
Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 7907625

Ion	Ratio	Lower	Upper
276	100		
138	6.4	12.0	18.0
277	25.2	20.0	30.0

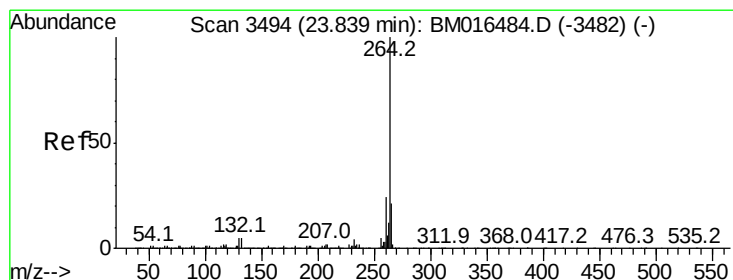
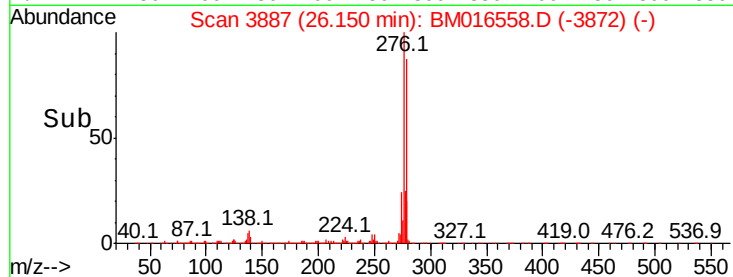
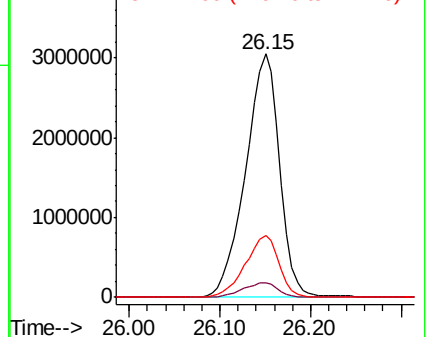


Abundance

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.82 min Scan# 3491

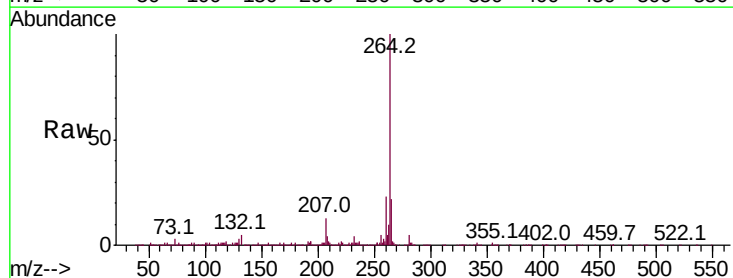
Delta R.T. -0.02 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Tgt Ion:264 Resp: 2835352

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.3	17.3	25.9

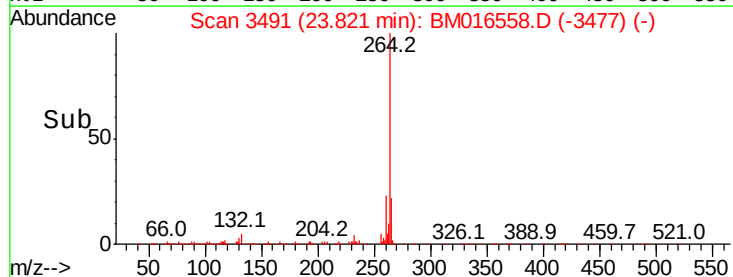
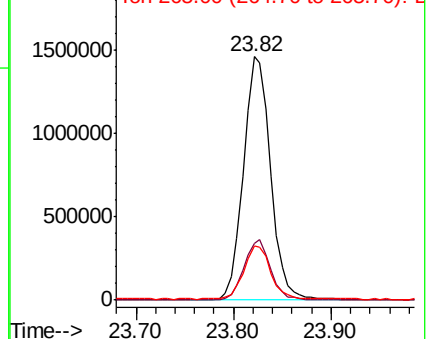


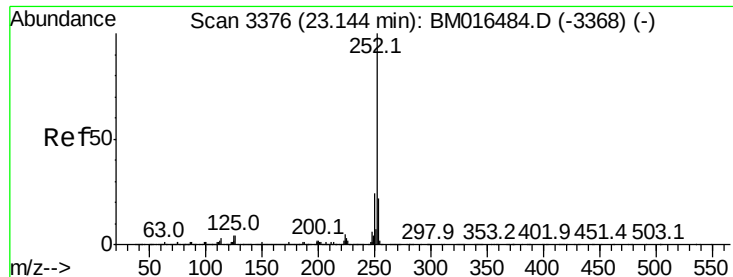
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.010 ng

RT: 23.14 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

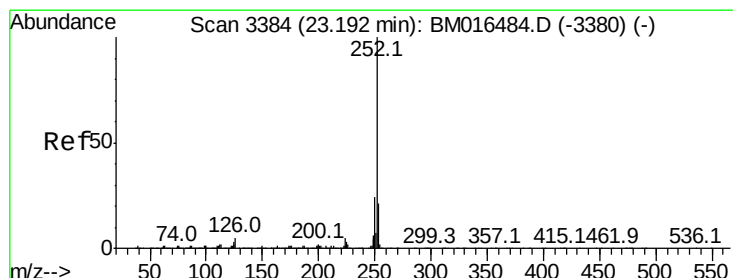
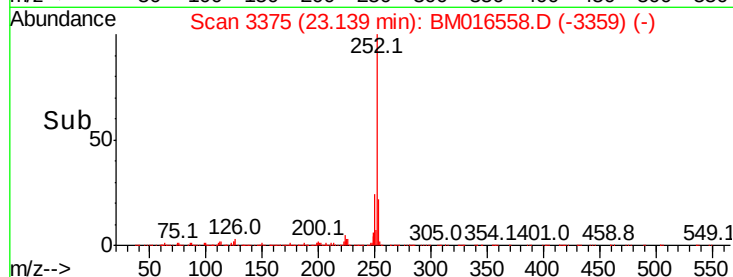
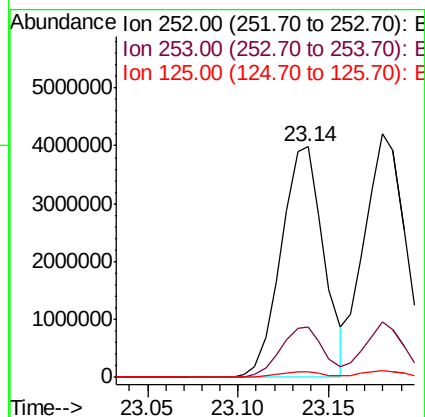
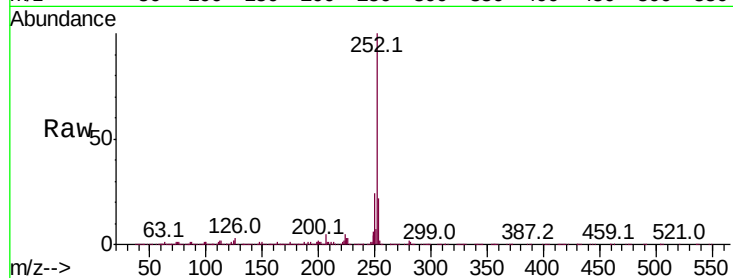
Tot Ion:252 Resp: 6539437

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 2.4 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 40.588 ng

RT: 23.18 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

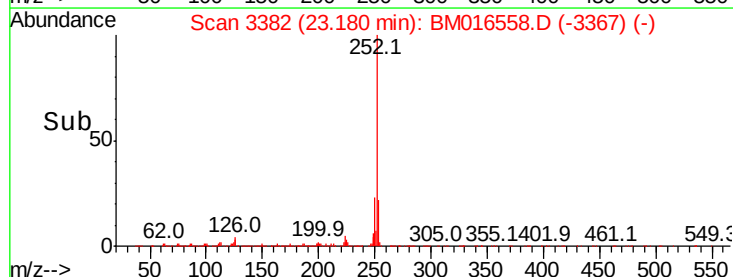
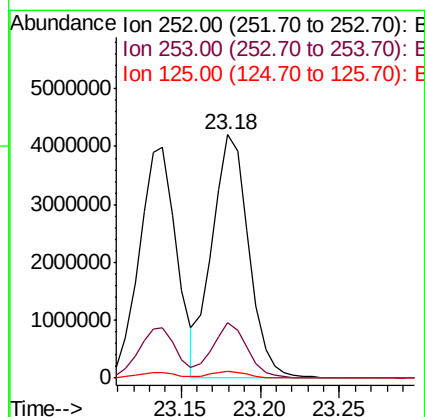
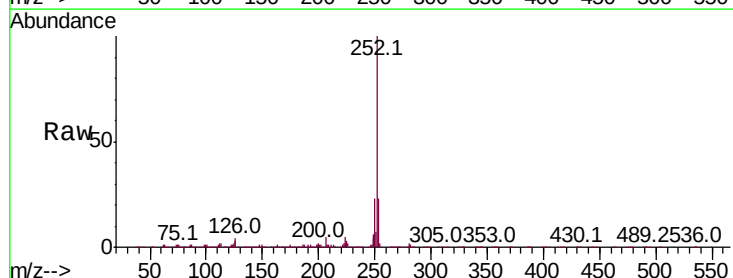
Tgt Ion:252 Resp: 6749877

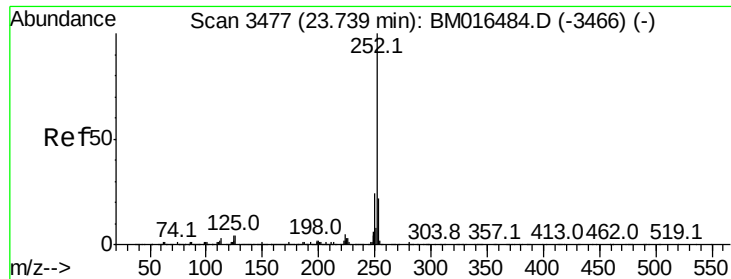
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 2.7 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 39.295 ng

RT: 23.73 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

Instrument :

BNA_M

ClientSampleId :

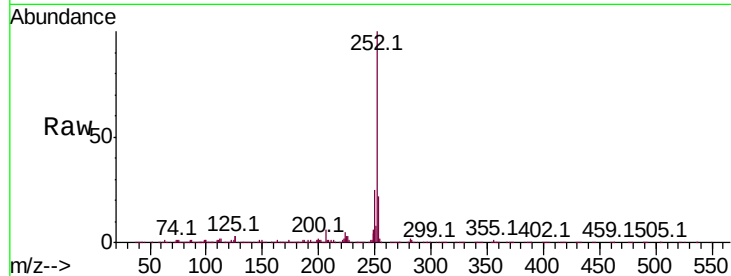
Tot Ion:252 Resp: 6249281

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

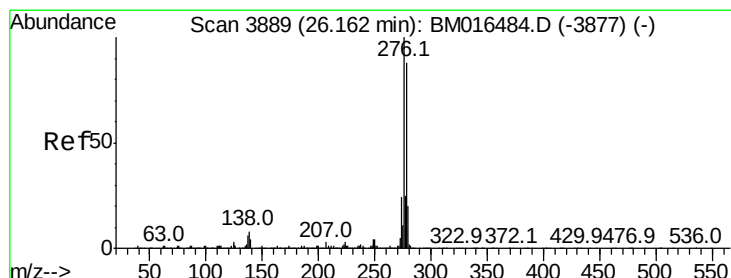
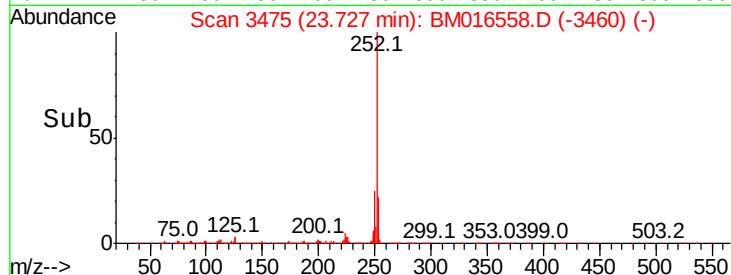
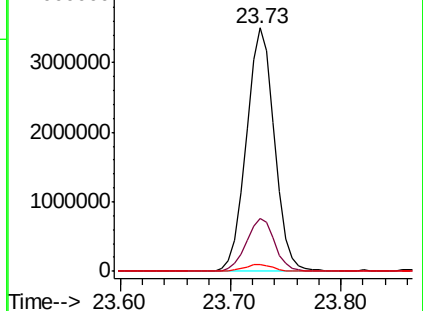
125 2.9 7.4 11.2#



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

Dibenzo(a,h)anthracene

Concen: 37.900 ng

RT: 26.14 min Scan# 3886

Delta R.T. -0.02 min

Lab File: BM016558.D

Acq: 23 Aug 2018 16:17

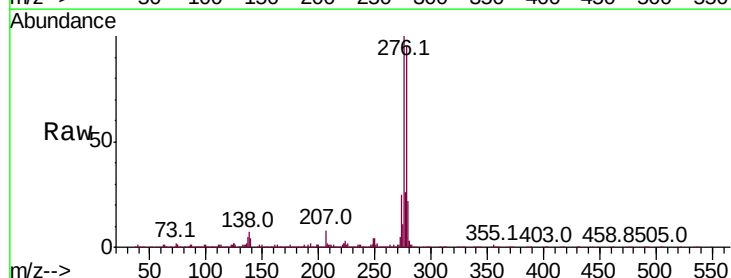
Tgt Ion:278 Resp: 6754912

Ion Ratio Lower Upper

278 100

139 4.0 13.4 20.0#

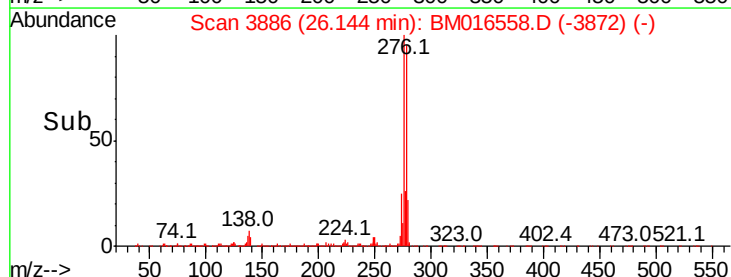
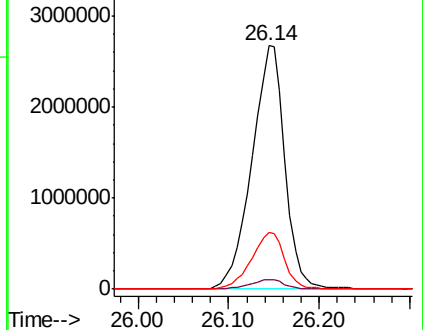
279 23.3 19.0 28.4

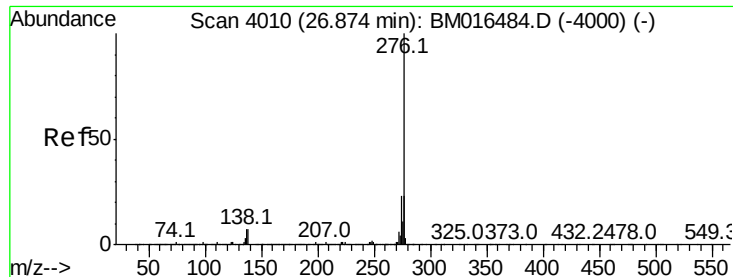


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 36.205 ng
 RT: 26.86 min Scan# 4008
 Delta R.T. -0.01 min
 Lab File: BM016558.D
 Acq: 23 Aug 2018 16:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 5792332

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.5	27.7
138	5.2	19.0	28.6

