

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016244.D
 Acq On : 08 Aug 2018 11:33
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 08 16:23:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	35280	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	141455	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	71344	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	144729	20.00	ng	0.00
75) Chrysene-d12	21.64	240	142156	20.00	ng	0.00
86) Perylene-d12	23.97	264	140585	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	177716	83.68	ng	0.00
7) Phenol-d6	7.30	99	226141	81.53	ng	0.00
23) Nitrobenzene-d5	9.32	82	264257	86.89	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	67551	74.65	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	508443	86.71	ng	0.00
78) Terphenyl-d14	20.09	244	588298	86.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	39156	39.349	ng	# 100
3) Pyridine	3.89	79	93888	39.165	ng	# 70
4) n-Nitrosodimethylamine	3.81	42	79361	42.445	ng	# 33
6) Aniline	7.46	93	127734	39.997	ng	# 87
8) 2-Chlorophenol	7.70	128	102436	40.581	ng	99
9) Benzaldehyde	7.28	77	76863	39.442	ng	87
10) Phenol	7.33	94	110723	39.922	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	86472	39.466	ng	89
12) 1,3-Dichlorobenzene	8.02	146	115694	39.157	ng	# 89
13) 1,4-Dichlorobenzene	8.17	146	115727	38.620	ng	# 92
14) 1,2-Dichlorobenzene	8.49	146	113897	38.845	ng	# 92
15) Benzyl Alcohol	8.39	79	94052	42.586	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.66	45	123814	36.923	ng	97
17) 2-Methylphenol	8.59	107	75393	39.771	ng	# 84
18) Hexachloroethane	9.21	117	53173	41.050	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	79022	38.979	ng	# 76
20) 3+4-Methylphenols	8.92	107	104309	38.245	ng	87
22) Acetophenone	8.98	105	145960	40.979	ng	# 83
24) Nitrobenzene	9.37	77	123696	40.406	ng	98
25) Isophorone	9.88	82	169544	40.755	ng	# 91
26) 2-Nitrophenol	10.07	139	55027	43.059	ng	# 51
27) 2,4-Dimethylphenol	10.13	122	74507	41.848	ng	# 80
28) bis(2-Chloroethoxy)methane	10.36	93	104787	38.755	ng	99
29) 2,4-Dichlorophenol	10.61	162	88746	41.948	ng	97
30) 1,2,4-Trichlorobenzene	10.82	180	102320	39.805	ng	# 96
31) Naphthalene	11.00	128	277117	38.708	ng	99
32) Benzoic acid	10.29	122	60059	44.252	ng	# 83
33) 4-Chloroaniline	11.13	127	116861	40.001	ng	# 86
34) Hexachlorobutadiene	11.26	225	74614	41.846	ng	94
35) Caprolactam	11.93	113	22580	38.535	ng	# 87
36) 4-Chloro-3-methylphenol	12.25	107	94136	40.454	ng	87
37) 2-Methylnaphthalene	12.60	142	185840	38.751	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	101829	41.924	ng	# 100
40) Hexachlorocyclopentadiene	12.93	237	62767	55.270	ng	98

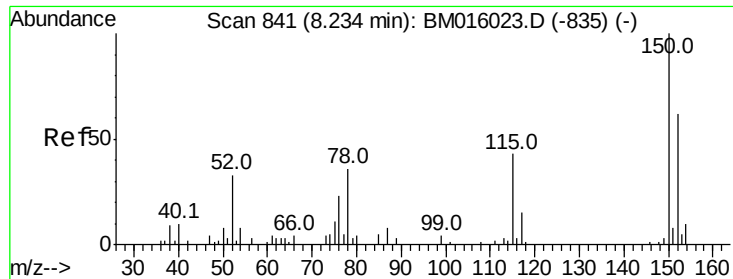
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016244.D
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Instrument :
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	67175	44.204	ng	98
43) 2,4,5-Trichlorophenol	13.29	196	68227	43.526	ng	# 81
45) 1,1'-Biphenyl	13.60	154	263414	40.912	ng	99
46) 2-Chloronaphthalene	13.66	162	204728	40.882	ng	# 89
47) 2-Nitroaniline	13.87	65	69017	41.686	ng	# 75
48) Acenaphthylene	14.50	152	299151	40.806	ng	100
49) Dimethylphthalate	14.23	163	244406	39.145	ng	99
50) 2,6-Dinitrotoluene	14.37	165	51120	40.692	ng	# 53
51) Acenaphthene	14.83	154	175335	38.888	ng	98
52) 3-Nitroaniline	14.70	138	52732	38.862	ng	82
53) 2,4-Dinitrophenol	14.93	184	33484	63.444	ng	# 71
54) Dibenzofuran	15.17	168	289944	39.024	ng	# 81
55) 4-Nitrophenol	15.02	139	35688	36.689	ng	# 85
56) 2,4-Dinitrotoluene	15.16	165	71472	39.789	ng	# 75
57) Fluorene	15.82	166	214615	38.871	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.40	232	55161	40.941	ng	# 100
59) Diethylphthalate	15.57	149	263040	39.086	ng	# 93
60) 4-Chlorophenyl-phenylether	15.80	204	119484	38.875	ng	# 78
61) 4-Nitroaniline	15.86	138	47013	36.112	ng	# 6
62) Azobenzene	16.09	77	286807	40.467	ng	# 73
64) 4,6-Dinitro-2-methylphenol	15.93	198	36853	41.952	ng	89
65) n-Nitrosodiphenylamine	16.02	169	194807	40.877	ng	99
66) 4-Bromophenyl-phenylether	16.69	248	67831	41.390	ng	# 76
67) Hexachlorobenzene	16.81	284	71902	39.841	ng	# 63
68) Atrazine	16.96	200	66776	39.095	ng	97
69) Pentachlorophenol	17.16	266	42187	37.750	ng	97
70) Phenanthrene	17.55	178	308770	38.107	ng	99
71) Anthracene	17.64	178	307999	39.111	ng	97
72) Carbazole	17.92	167	309951	37.992	ng	# 97
73) Di-n-butylphthalate	18.44	149	411476	40.476	ng	# 96
74) Fluoranthene	19.54	202	339488	37.560	ng	99
76) Benzidine	19.73	184	163559	41.173	ng	98
77) Pyrene	19.90	202	357532	41.969	ng	99
79) Butylbenzylphthalate	20.76	149	187743	43.382	ng	# 81
80) Benzo(a)anthracene	21.62	228	342770	39.149	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	139605	39.586	ng	99
82) Chrysene	21.67	228	330415	39.341	ng	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	269223	42.925	ng	93
84) Di-n-octyl phthalate	22.41	149	441559	41.889	ng	# 88
85) Indeno(1,2,3-cd)pyrene	26.36	276	388551	38.986	ng	# 95
87) Benzo(b)fluoranthene	23.27	252	331998	40.109	ng	# 95
88) Benzo(k)fluoranthene	23.31	252	315626	37.625	ng	# 97
89) Benzo(a)pyrene	23.87	252	311510	39.148	ng	97
90) Dibenzo(a,h)anthracene	26.36	278	332447	40.324	ng	# 96
91) Benzo(g,h,i)perylene	27.10	276	311761	39.982	ng	# 92

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

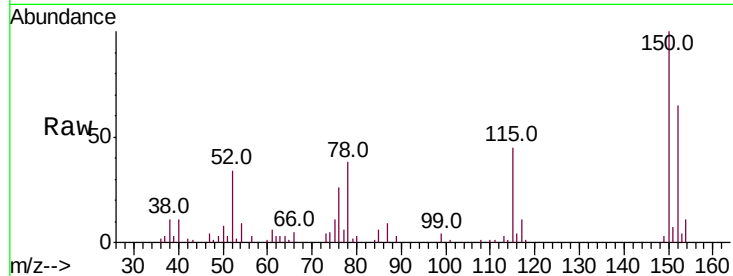


#1

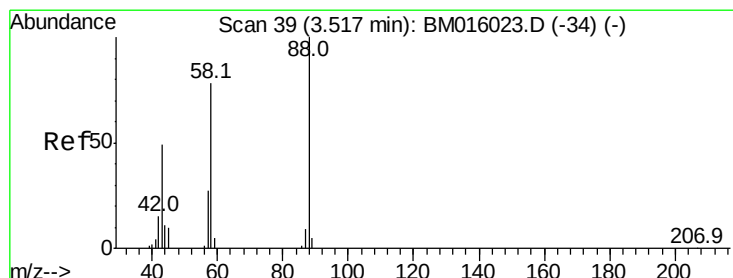
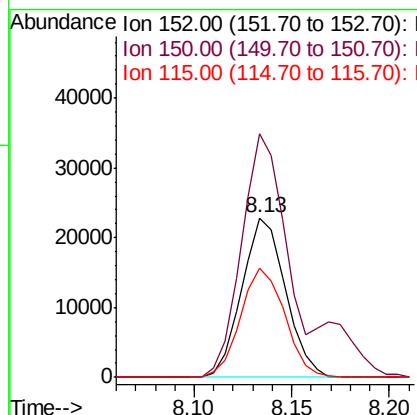
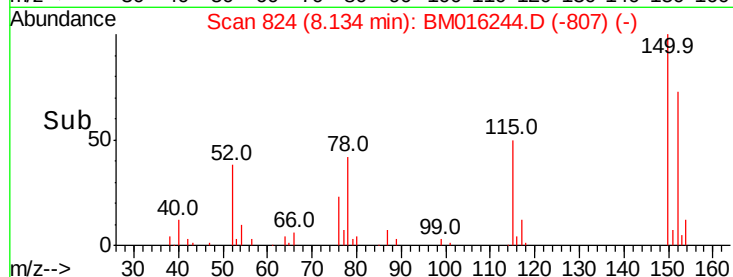
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 35280
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 68.6 43.0 64.4#



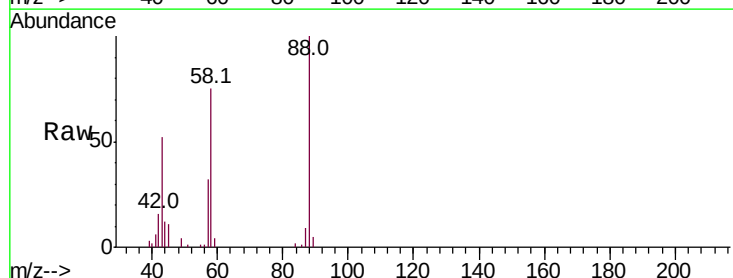
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



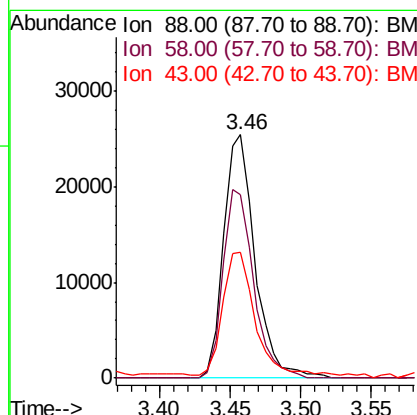
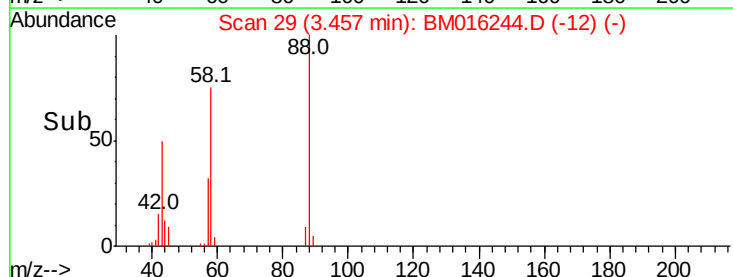
#2

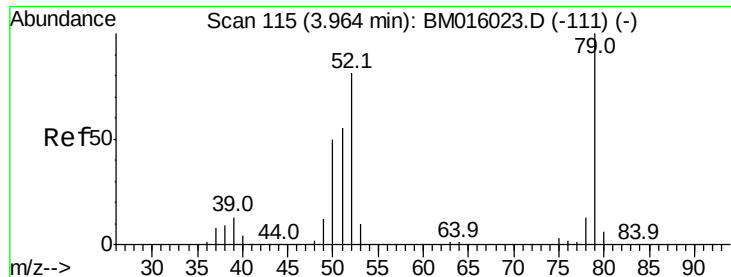
1,4-Dioxane
Concen: 39.349 ng
RT: 3.46 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion: 88 Resp: 39156
Ion Ratio Lower Upper
88 100
58 76.0 0.0 0.0#
43 51.3 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: 39.165 ng

RT: 3.89 min Scan# 103

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampleId :

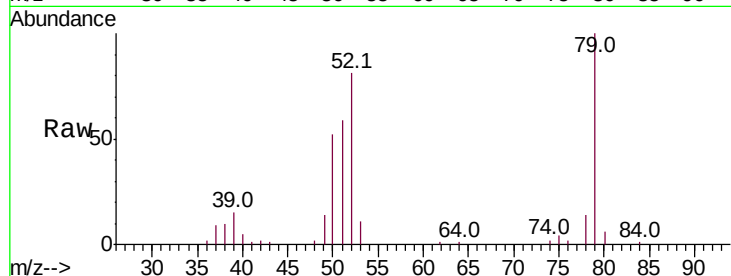
Tot Ion: 79 Resp: 93888

Ion Ratio Lower Upper

79 100

52 81.0 51.1 76.7#

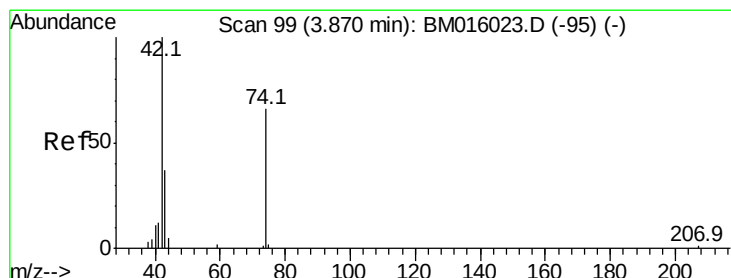
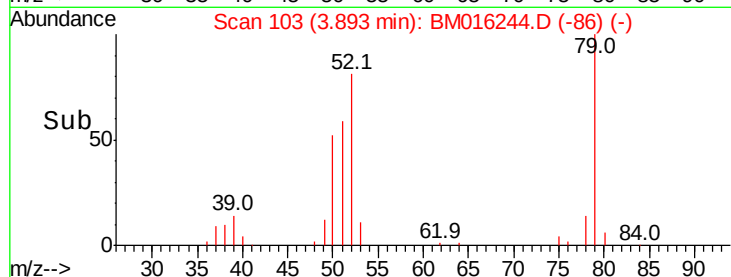
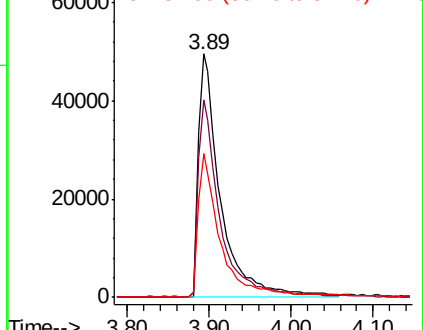
51 58.8 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-111) (-)

Ion 52.00 (51.70 to 52.70): BM016023.D (-111) (-)

Ion 51.00 (50.70 to 51.70): BM016023.D (-111) (-)



#4

n-Nitrosodimethylamine

Concen: 42.445 ng

RT: 3.81 min Scan# 89

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

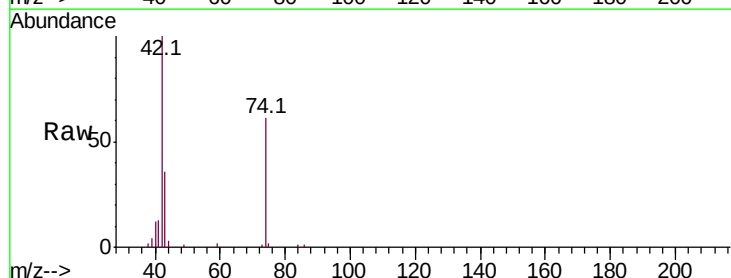
Tgt Ion: 42 Resp: 79361

Ion Ratio Lower Upper

42 100

74 61.4 119.3 178.9#

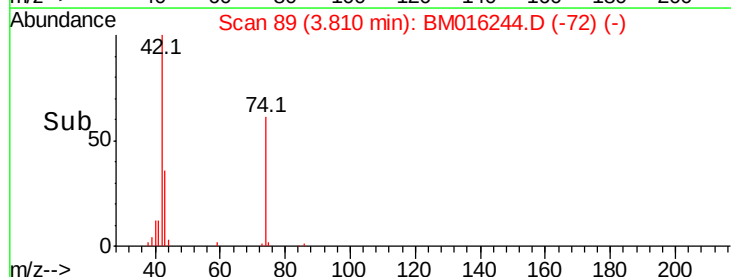
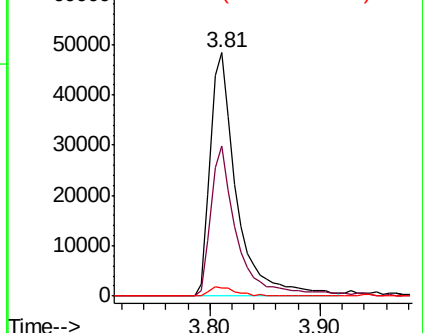
44 3.3 5.4 8.2#

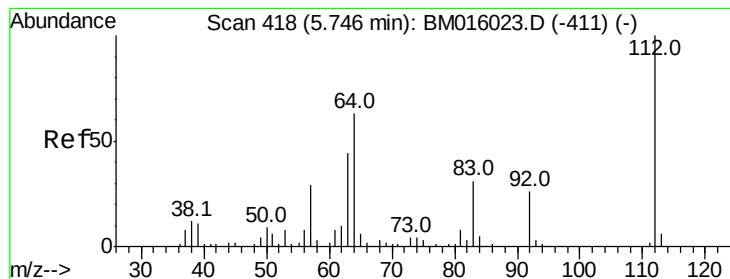


Abundance Ion 42.00 (41.70 to 42.70): BM016023.D (-95) (-)

Ion 74.00 (73.70 to 74.70): BM016023.D (-95) (-)

Ion 44.00 (43.70 to 44.70): BM016023.D (-95) (-)





#5

2-Fluorophenol

Concen: 42.445 ng

RT: 5.66 min Scan# 404

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampled :

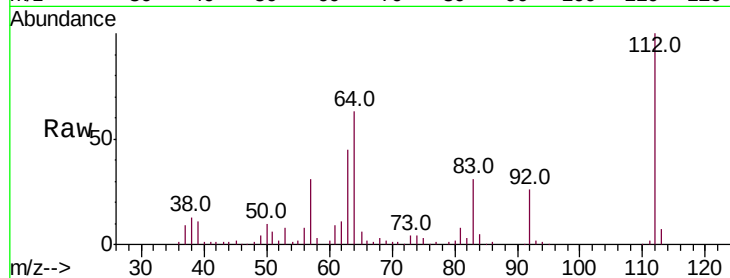
Tot Ion:112 Resp: 177716

Ion Ratio Lower Upper

112 100

64 63.0 38.6 57.8#

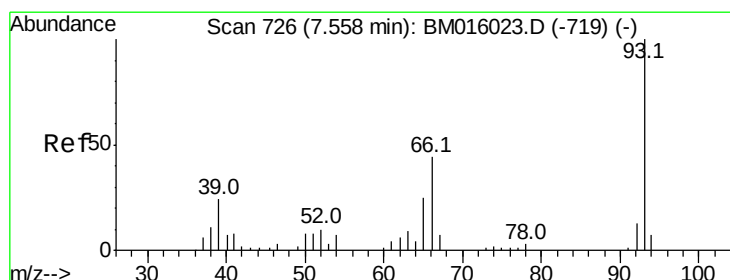
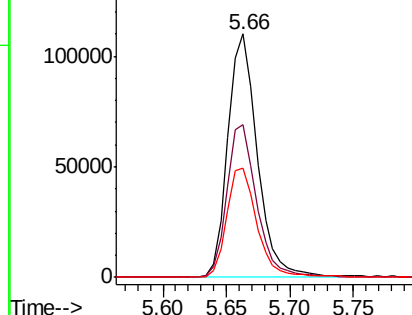
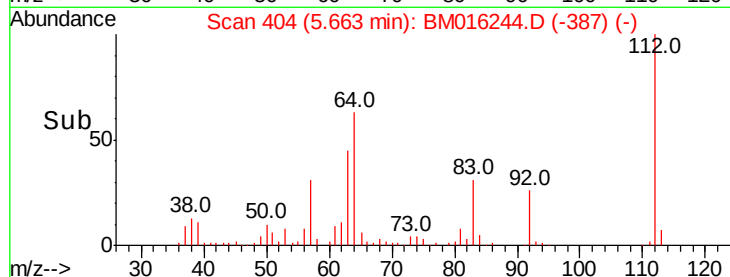
63 44.7 19.3 28.9#



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: 39.997 ng

RT: 7.46 min Scan# 710

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

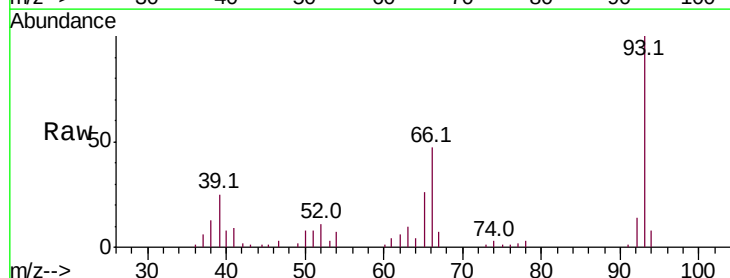
Tgt Ion: 93 Resp: 127734

Ion Ratio Lower Upper

93 100

66 46.7 30.8 46.2#

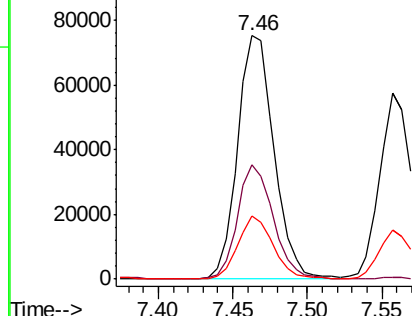
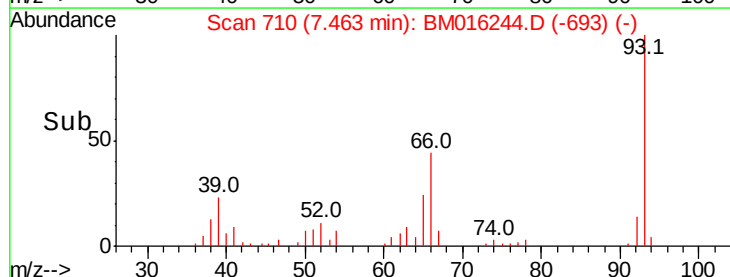
65 25.9 16.0 24.0#

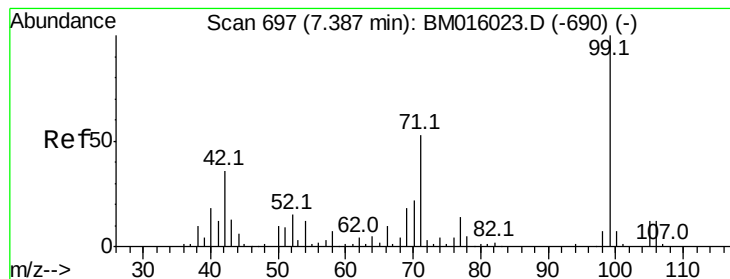


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 39.997 ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampled :

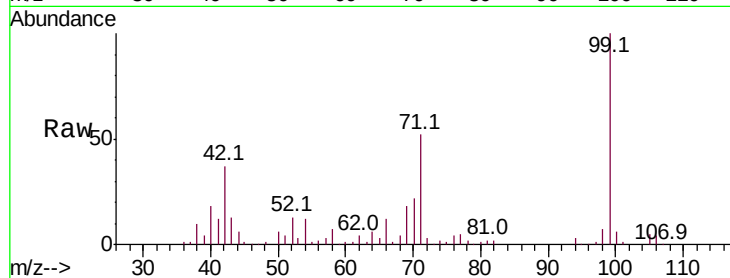
Tot Ion: 99 Resp: 226141

Ion Ratio Lower Upper

99 100

42 37.0 11.0 16.4#

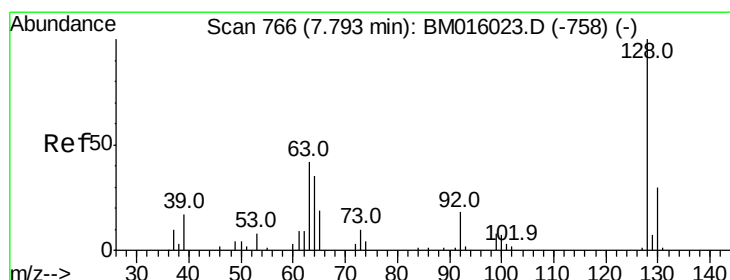
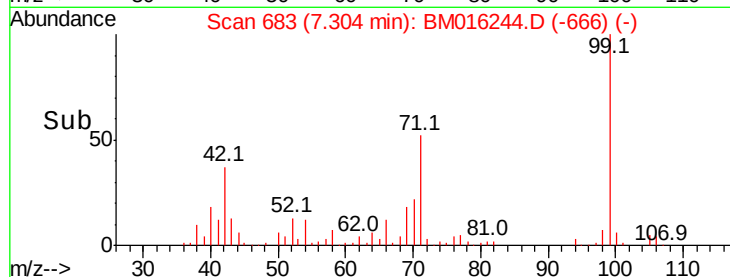
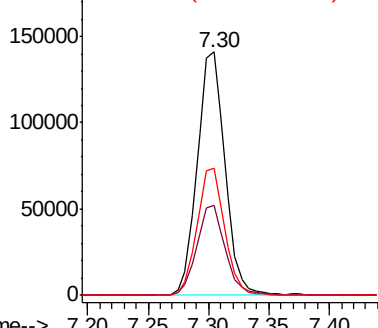
71 52.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#8

2-Chlorophenol

Concen: 40.581 ng

RT: 7.70 min Scan# 750

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

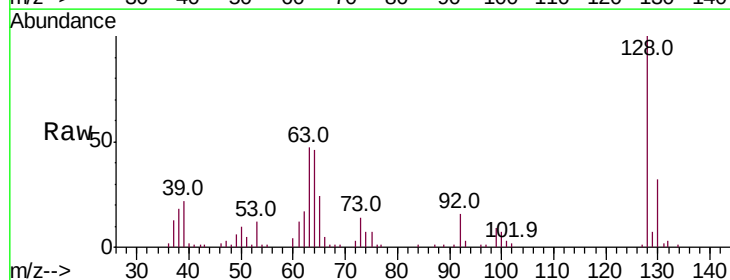
Tgt Ion: 128 Resp: 102436

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

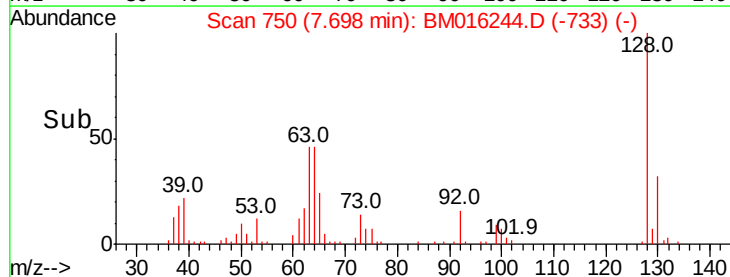
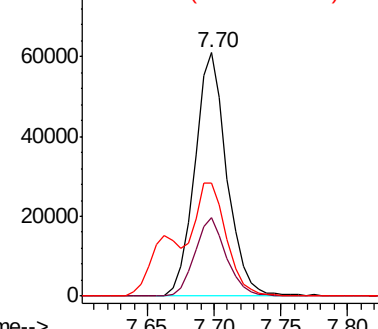
64 46.3 24.9 64.9

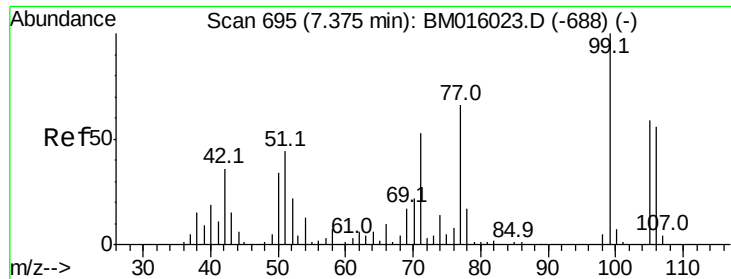


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-758) (-)

Ion 64.00 (63.70 to 64.70): BM016023.D (-758) (-)





#9

Benzaldehyde

Concen: 39.442 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampled :

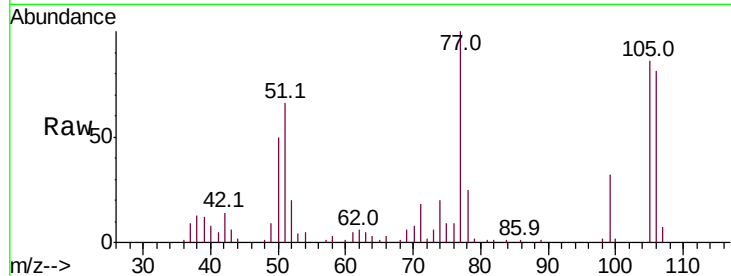
Tot Ion: 77 Resp: 76863

Ion Ratio Lower Upper

77 100

105 86.0 78.8 118.8

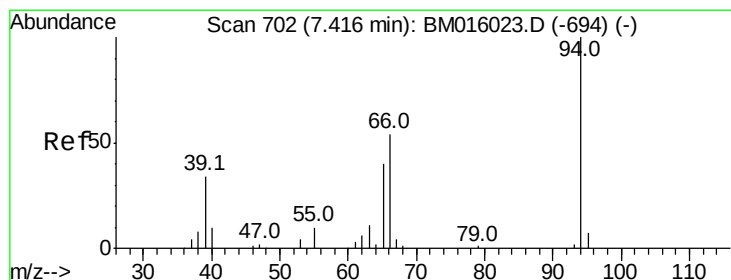
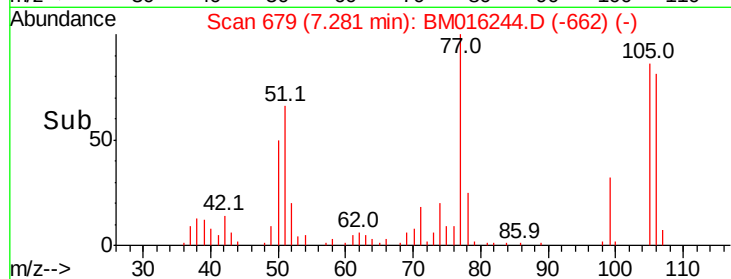
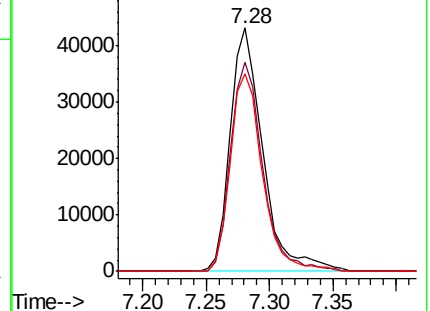
106 81.0 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016023.D (-688) (-)

Ion 105.00 (104.70 to 105.70): BM016023.D (-688) (-)

Ion 106.00 (105.70 to 106.70): BM016023.D (-688) (-)



#10

Phenol

Concen: 39.922 ng

RT: 7.33 min Scan# 687

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

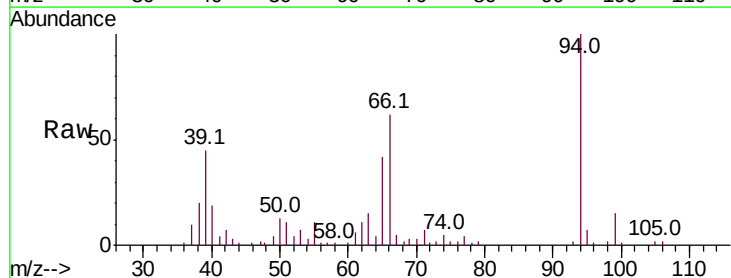
Tgt Ion: 94 Resp: 110723

Ion Ratio Lower Upper

94 100

65 41.6 18.8 58.8

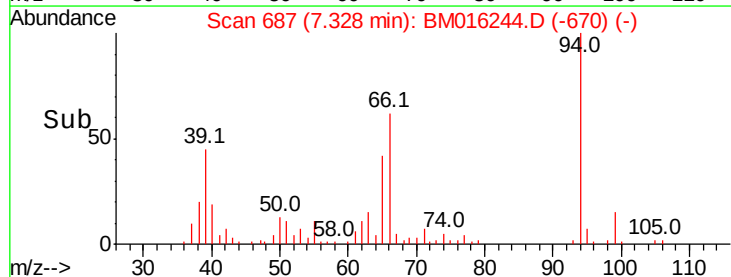
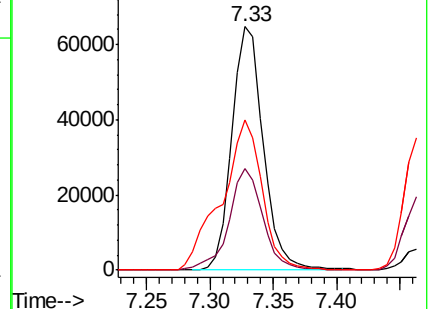
66 61.5 39.9 79.9

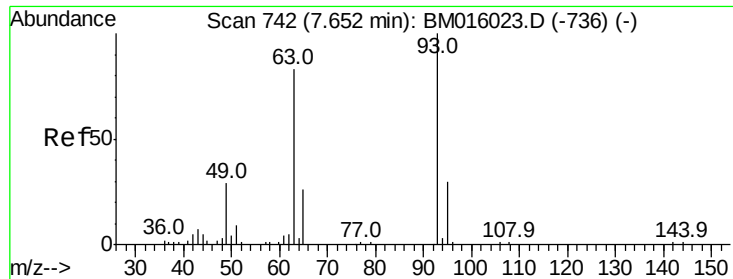


Abundance Ion 94.00 (93.70 to 94.70): BM016023.D (-694) (-)

Ion 65.00 (64.70 to 65.70): BM016023.D (-694) (-)

Ion 66.00 (65.70 to 66.70): BM016023.D (-694) (-)

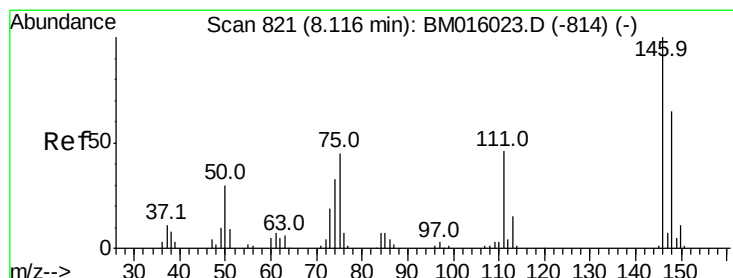
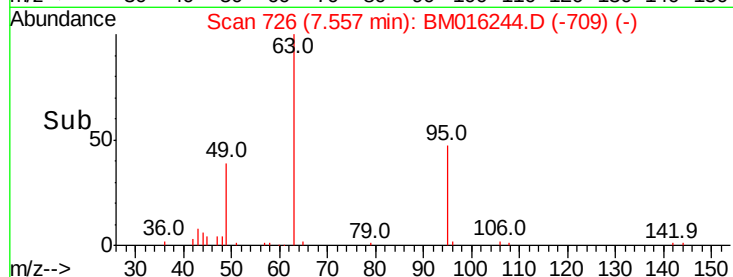
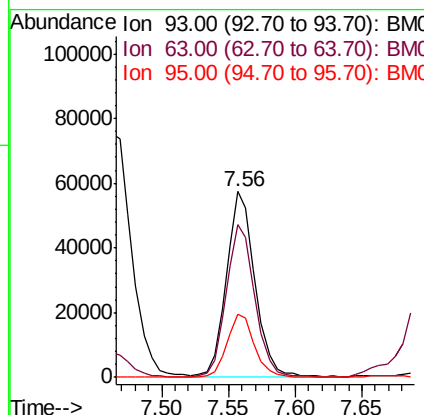
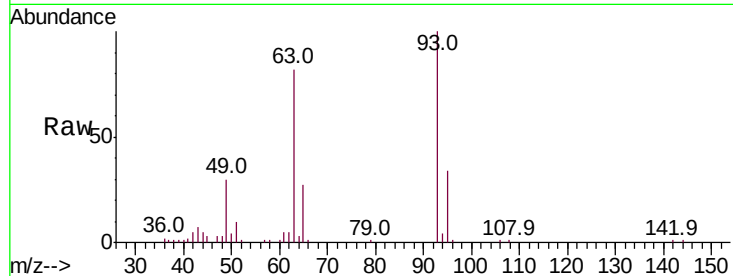




#11
 bis(2-Chloroethyl)ether
 Concen: 39.466 ng
 RT: 7.56 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

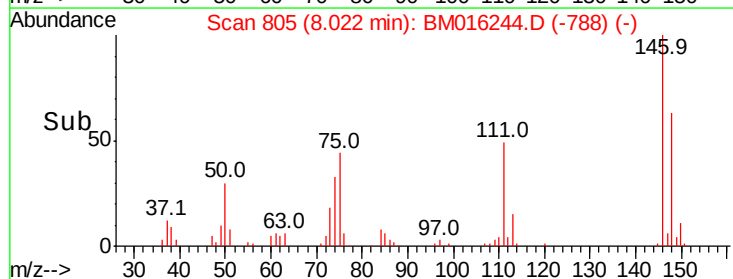
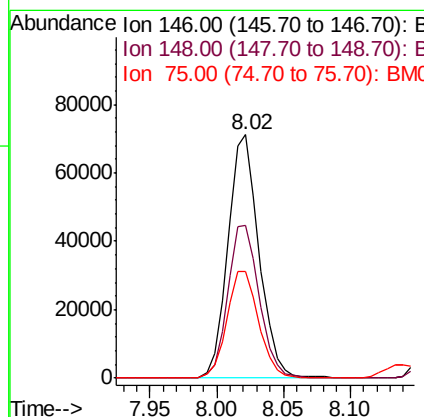
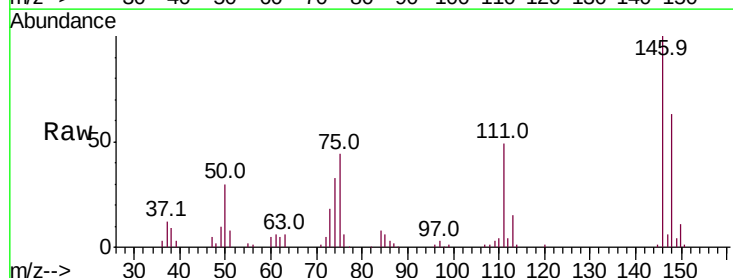
Instrument :
 BNA_M
 ClientSampled :

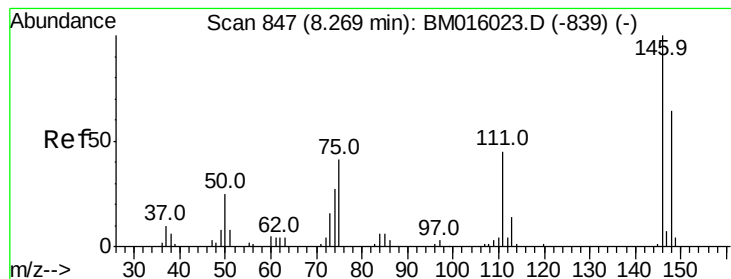
Tot Ion: 93 Resp: 86472
 Ion Ratio Lower Upper
 93 100
 63 82.3 49.5 89.5
 95 34.0 13.5 53.5



#12
 1,3-Dichlorobenzene
 Concen: 39.157 ng
 RT: 8.02 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion: 146 Resp: 115694
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.9 76.3
 75 44.0 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 38.620 ng

RT: 8.17 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampled :

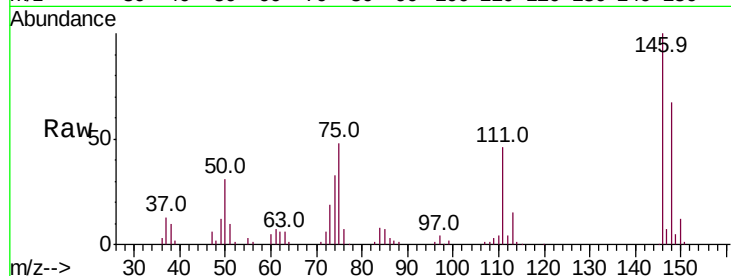
Tot Ion:146 Resp: 115727

Ion Ratio Lower Upper

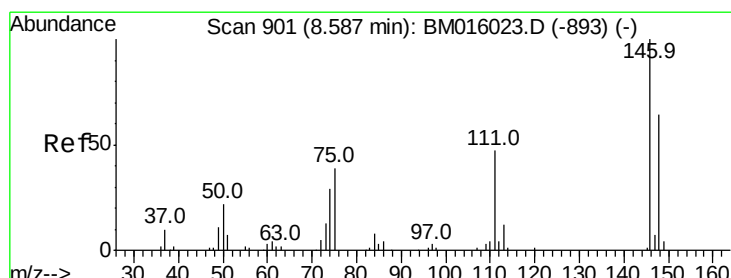
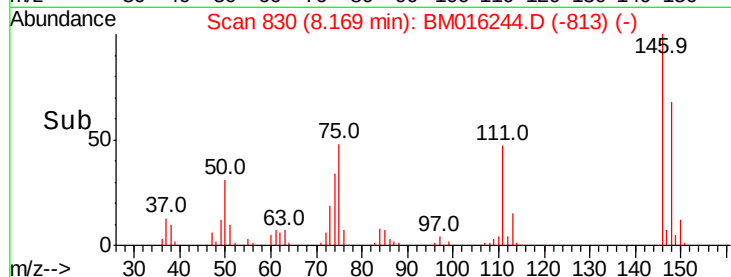
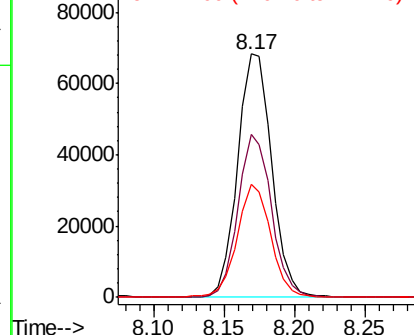
146 100

148 67.2 51.9 77.9

111 46.3 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: 38.845 ng

RT: 8.49 min Scan# 884

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

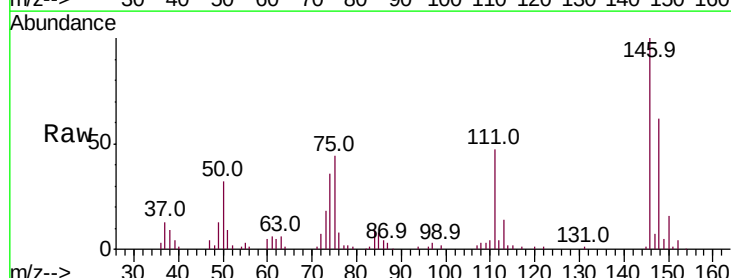
Tgt Ion:146 Resp: 113897

Ion Ratio Lower Upper

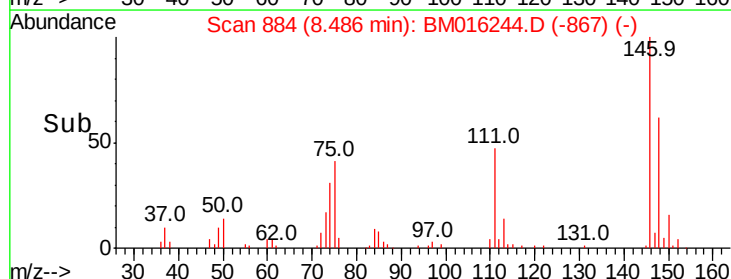
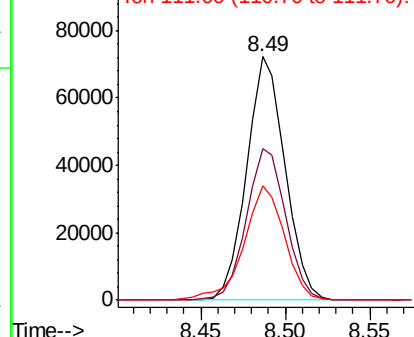
146 100

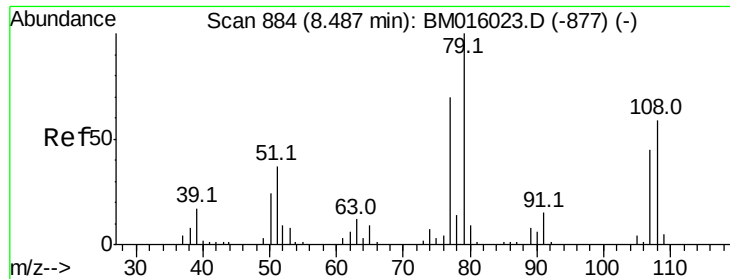
148 62.2 52.3 78.5

111 46.7 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

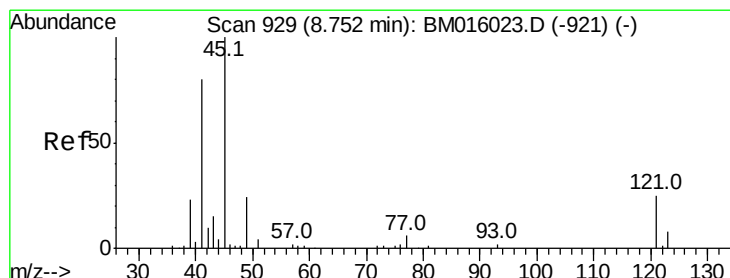
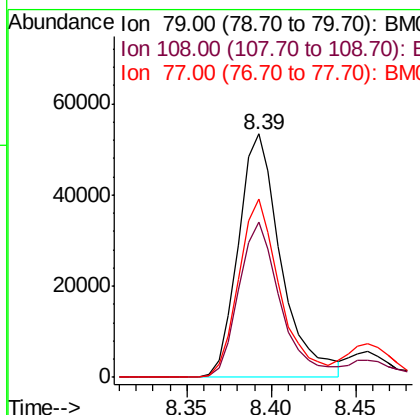
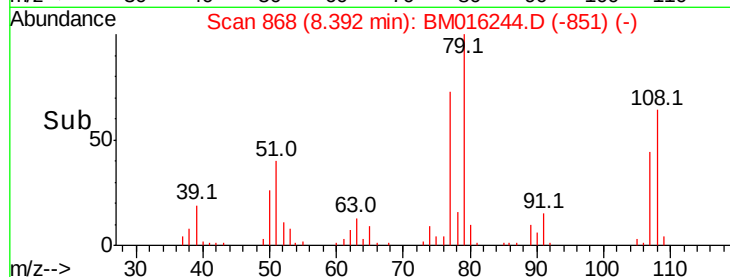
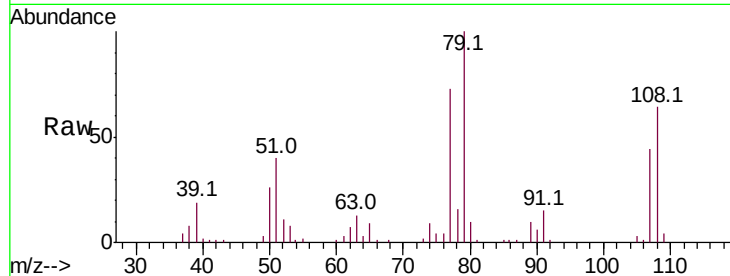




#15
Benzyl Alcohol
Concen: 42.586 ng
RT: 8.39 min Scan# 868
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

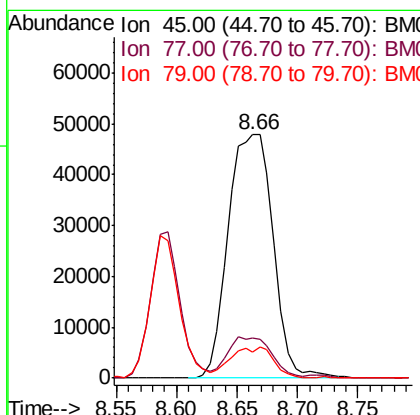
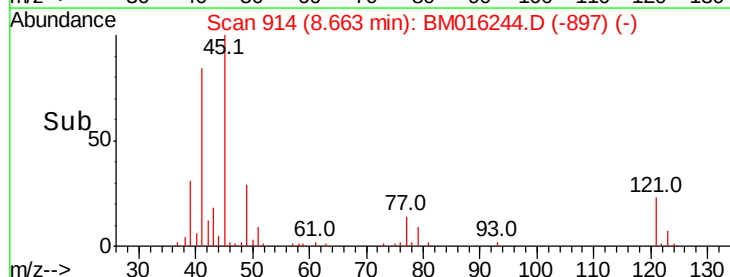
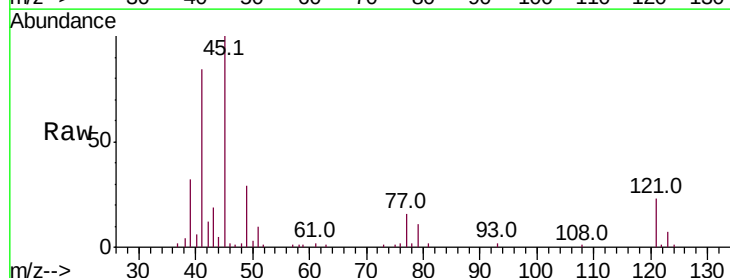
Instrument :
BNA_M
ClientSampled :

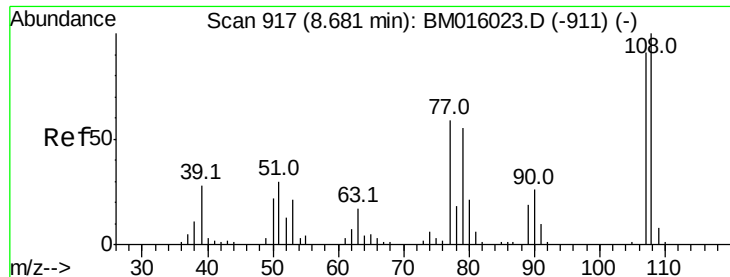
Tot Ion: 79 Resp: 94052
Ion Ratio Lower Upper
79 100
108 64.0 65.0 97.4#
77 73.1 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.923 ng
RT: 8.66 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion: 45 Resp: 123814
Ion Ratio Lower Upper
45 100
77 16.3 0.0 35.2
79 10.9 0.0 32.0

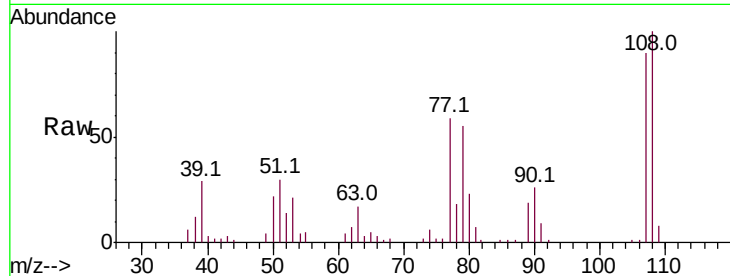




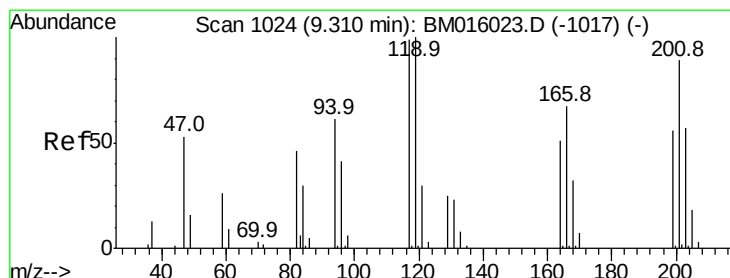
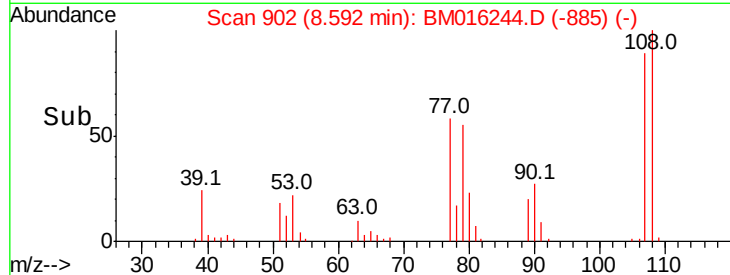
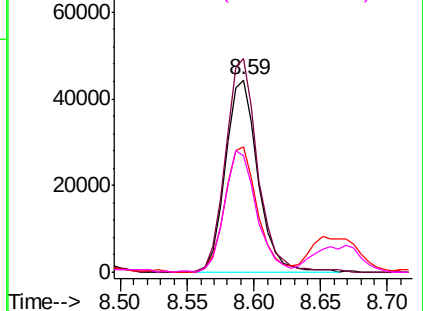
#17
2-Methylphenol
Concen: 39.771 ng
RT: 8.59 min Scan# 902
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Instrument :
BNA_M
ClientSampled :

Tot Ion:107 Resp: 75393
Ion Ratio Lower Upper
107 100
108 111.1 89.8 134.8
77 65.0 32.6 48.8#
79 60.7 32.8 49.2#

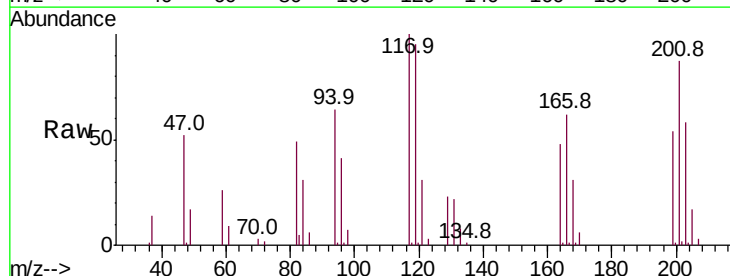


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

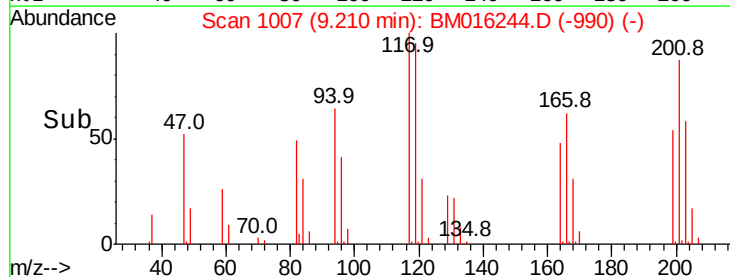
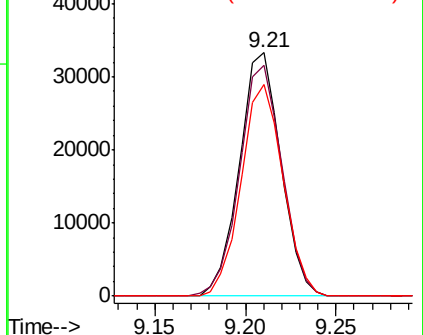


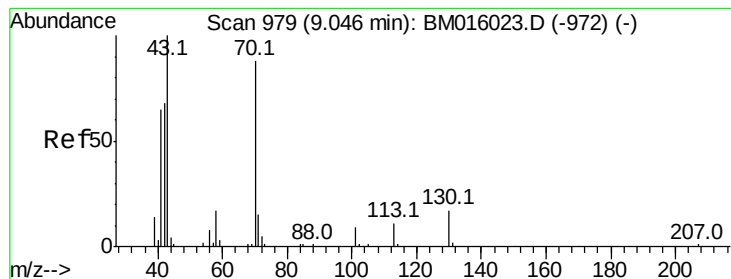
#18
Hexachloroethane
Concen: 41.050 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion:117 Resp: 53173
Ion Ratio Lower Upper
117 100
119 95.0 79.2 118.8
201 87.0 69.8 104.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.979 ng

RT: 8.95 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 79022

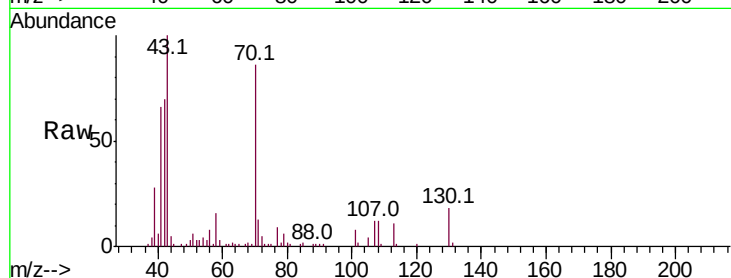
Ion Ratio Lower Upper

70 100

42 81.4 44.5 66.7#

101 9.2 7.4 11.2

130 20.6 15.3 22.9

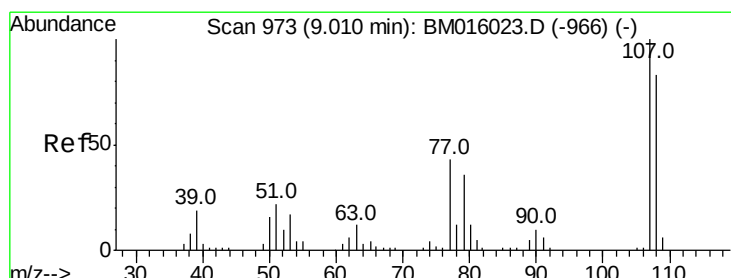
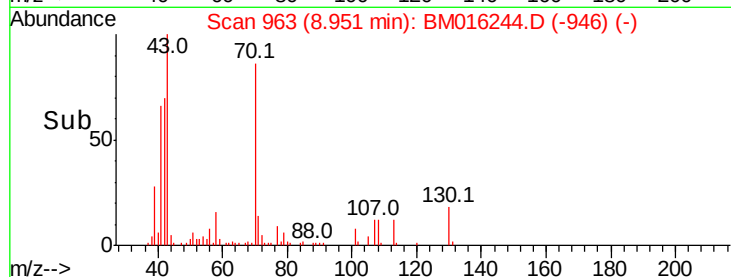
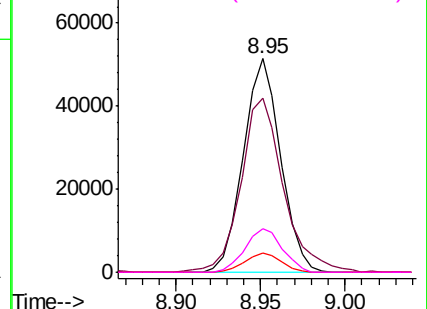


Abundance Ion 70.00 (69.70 to 70.70): BM016023.D (-972) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-972) (-)

Ion 101.00 (100.70 to 101.70): BM016023.D (-972) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-972) (-)



#20

3+4-Methylphenols

Concen: 38.245 ng

RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Tgt Ion: 107 Resp: 104309

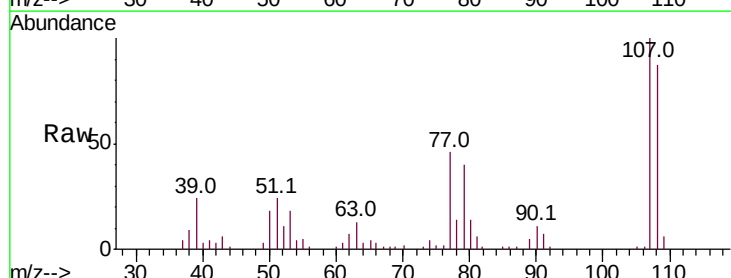
Ion Ratio Lower Upper

107 100

108 86.9 73.2 113.2

77 46.0 10.7 50.7

79 39.7 9.6 49.6

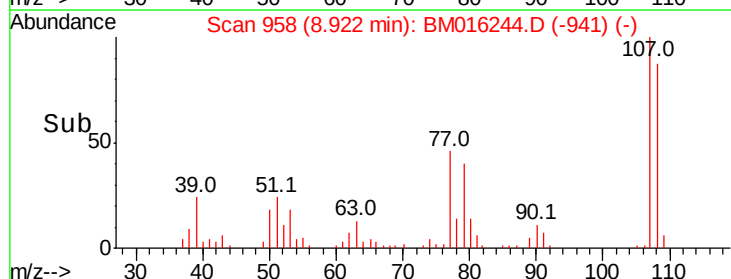
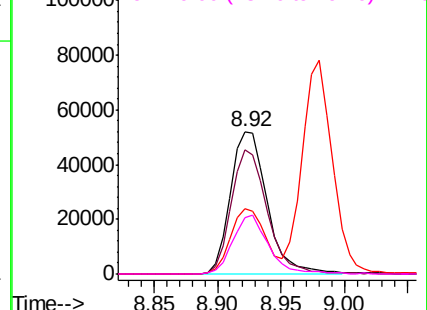


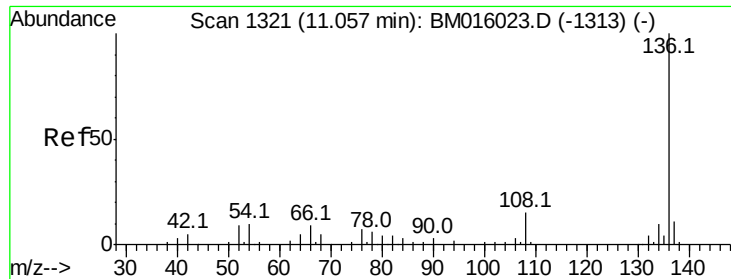
Abundance Ion 107.00 (106.70 to 107.70): BM016023.D (-966) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-966) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-966) (-)

Ion 79.00 (78.70 to 79.70): BM016023.D (-966) (-)

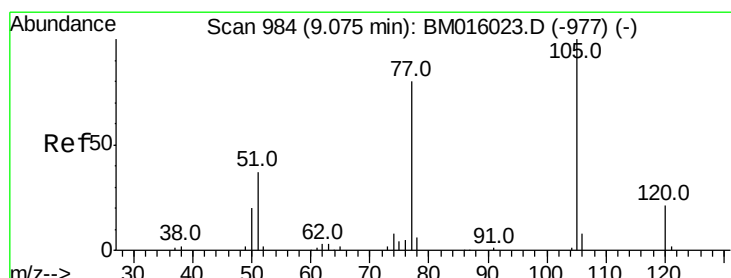
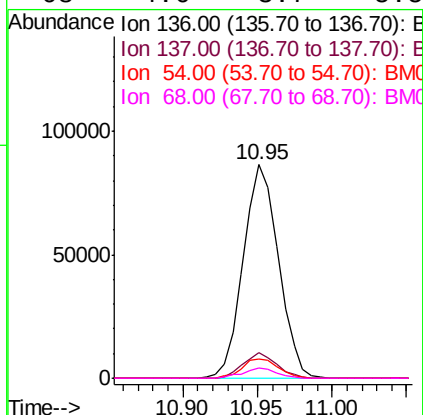
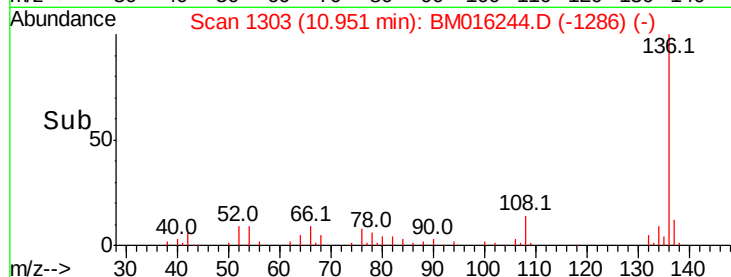
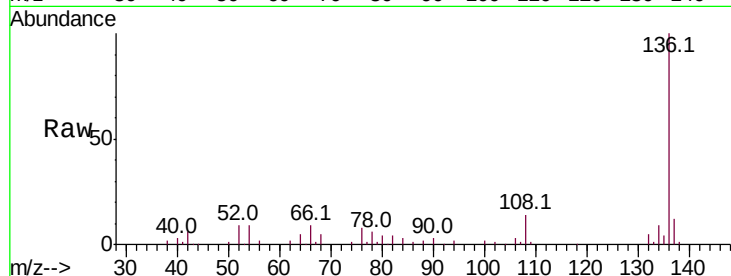




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

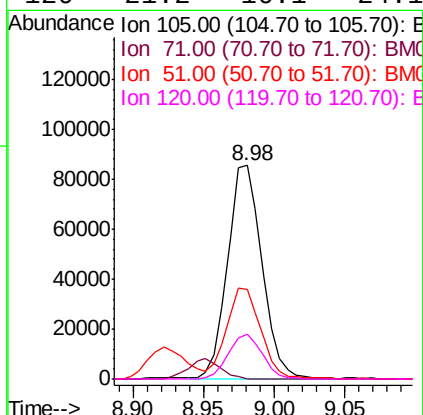
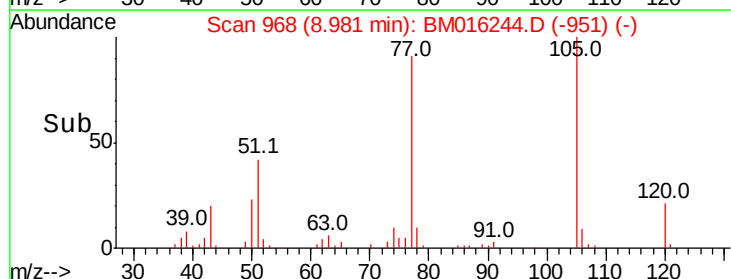
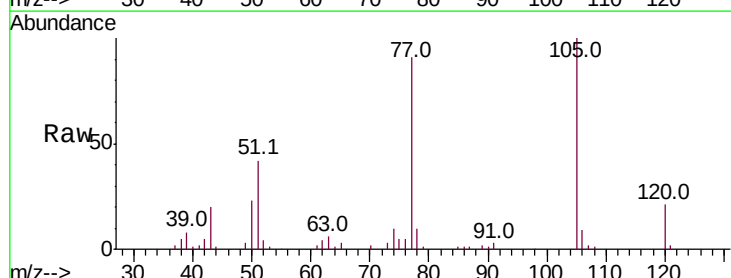
Instrument :
BNA_M
ClientSampleId :

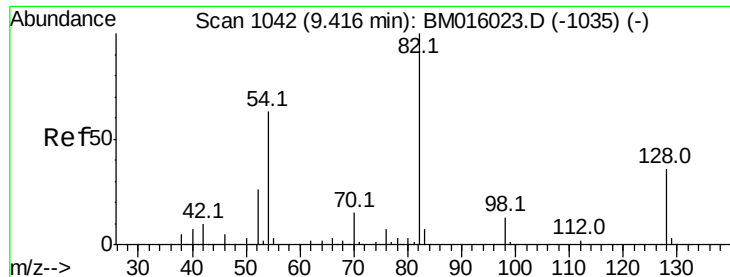
Tot Ion:136	Resp:	141455
Ion Ratio	Lower	Upper
136	100	
137	12.1	8.7 13.1
54	8.9	4.6 6.8#
68	4.6	3.7 5.5



#22
Acetophenone
Concen: 40.979 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion:105	Resp:	145960
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.6 1.0#
51	42.0	21.6 32.4#
120	21.2	16.1 24.1

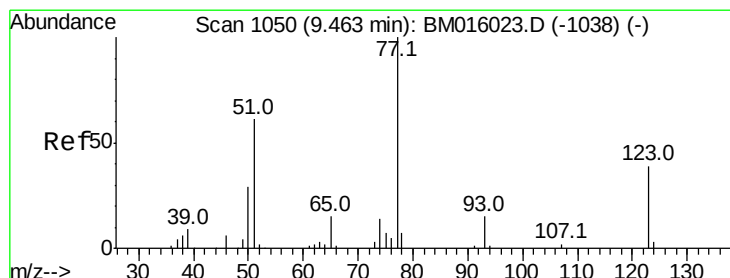
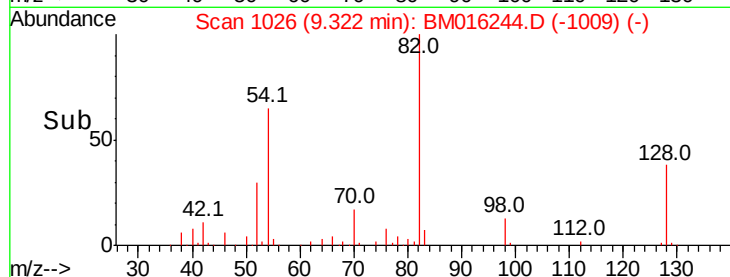
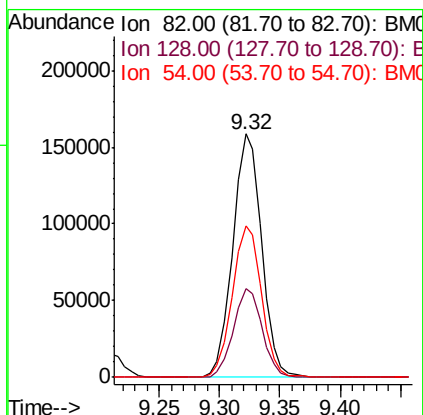
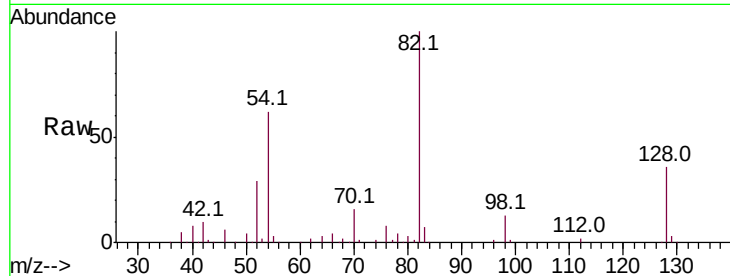




#23
 Nitrobenzene-d5
 Concen: 40.979 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

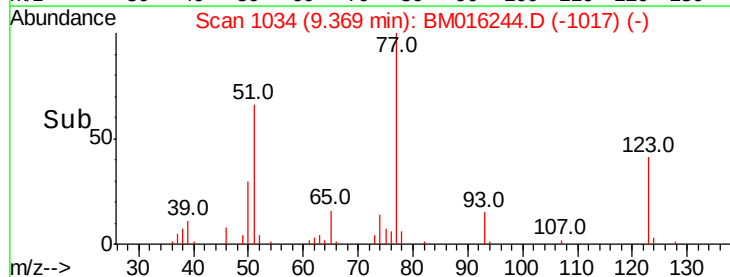
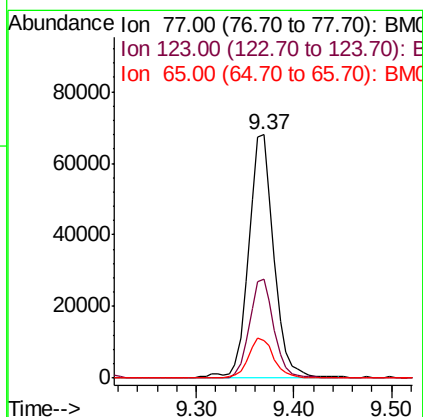
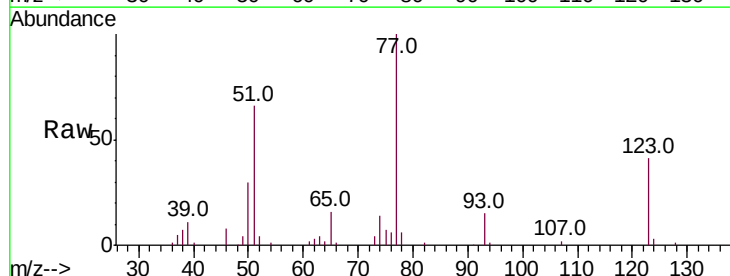
Instrument :
 BNA_M
 ClientSampleId :

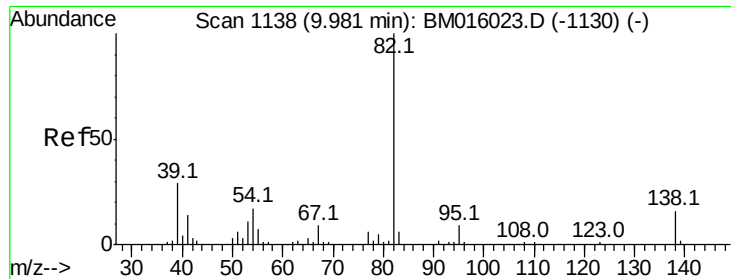
Tot Ion: 82 Resp: 264257
 Ion Ratio Lower Upper
 82 100
 128 36.3 32.8 49.2
 54 62.2 40.6 60.8#



#24
 Nitrobenzene
 Concen: 40.406 ng
 RT: 9.37 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion: 77 Resp: 123696
 Ion Ratio Lower Upper
 77 100
 123 40.5 32.6 49.0
 65 15.7 10.9 16.3





#25

Isophorone

Concen: 40.755 ng

RT: 9.88 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampled :

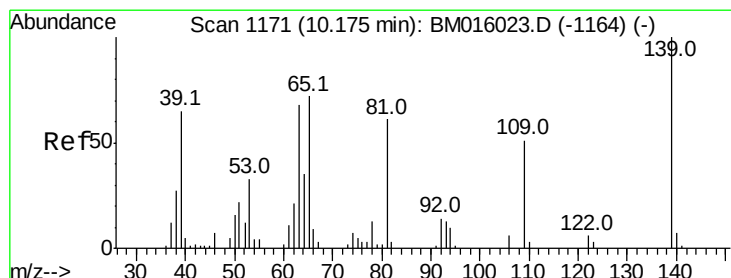
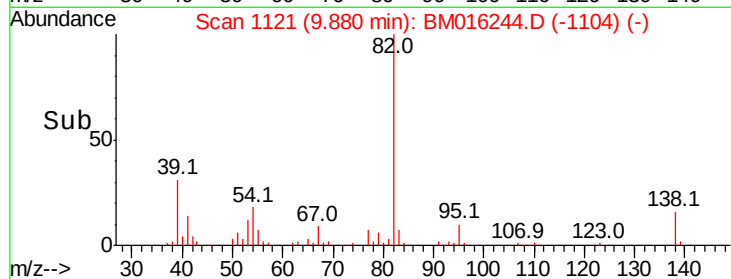
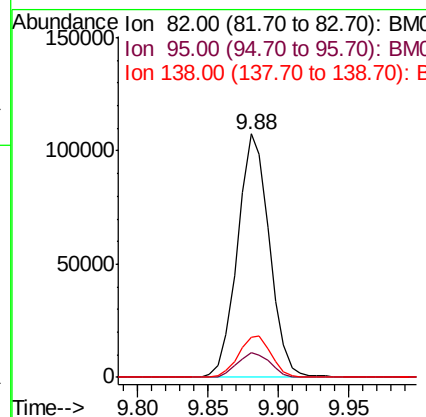
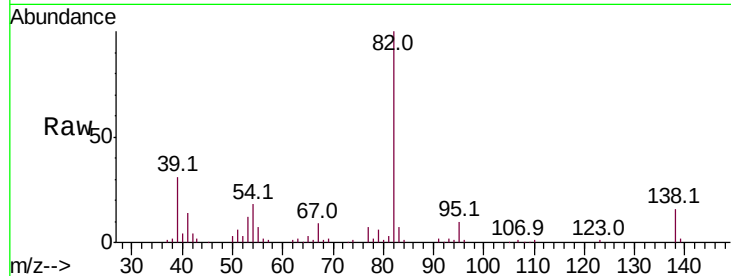
Tot Ion: 82 Resp: 169544

Ion Ratio Lower Upper

82 100

95 10.3 5.8 8.6#

138 16.3 16.3 24.5#



#26

2-Nitrophenol

Concen: 43.059 ng

RT: 10.07 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

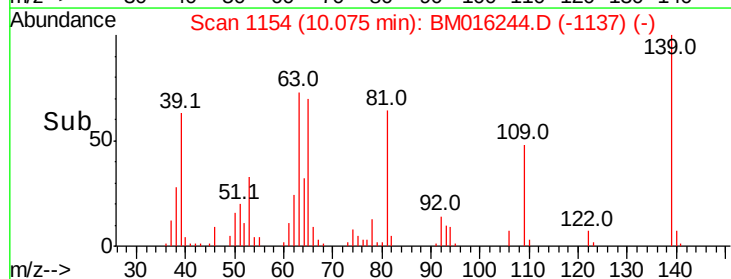
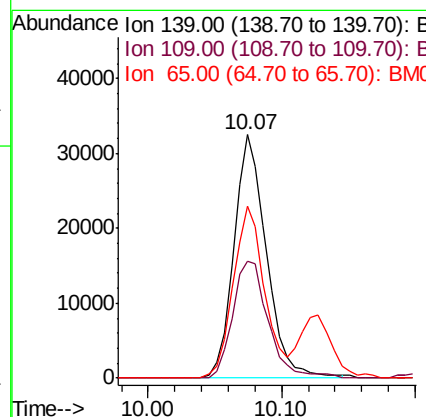
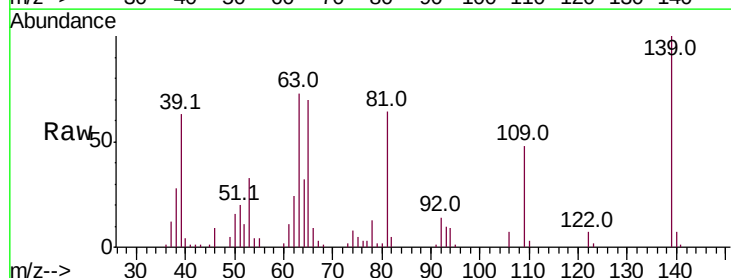
Tgt Ion:139 Resp: 55027

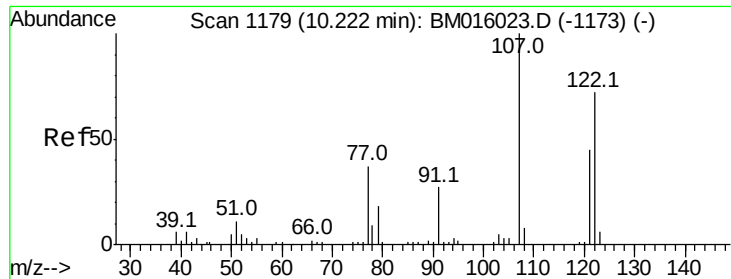
Ion Ratio Lower Upper

139 100

109 48.2 20.1 30.1#

65 70.4 31.5 47.3#

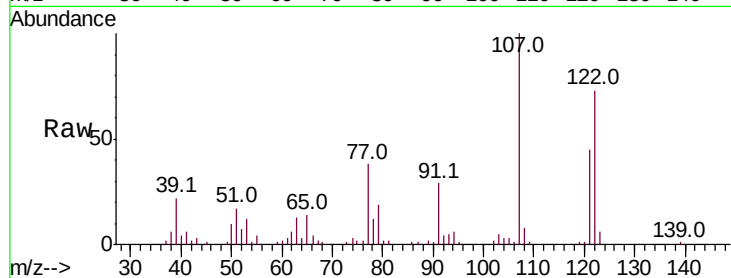




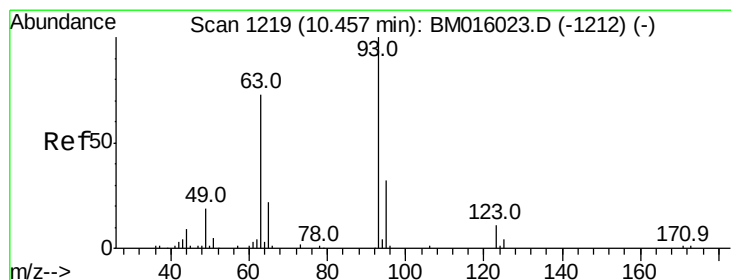
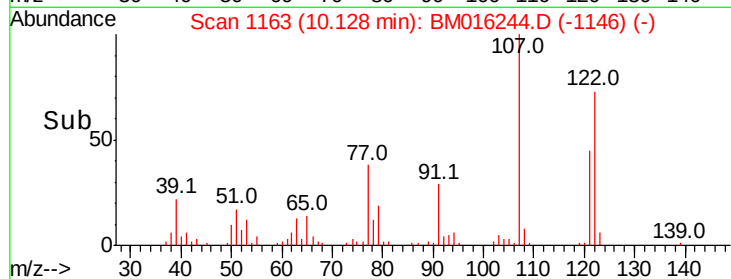
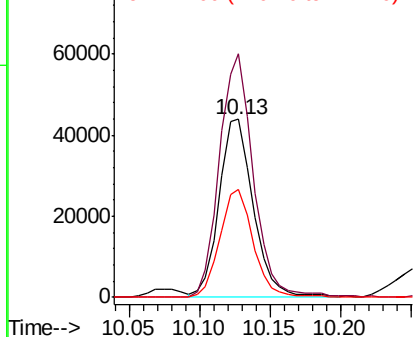
#27
 2,4-Dimethylphenol
 Concen: 41.848 ng
 RT: 10.13 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:122 Resp: 74507
 Ion Ratio Lower Upper
 122 100
 107 136.6 84.7 127.1#
 121 60.8 46.6 69.8

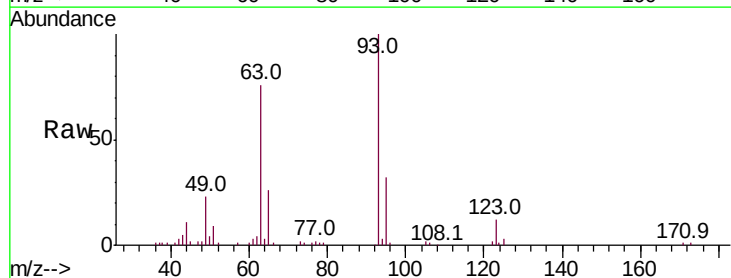


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

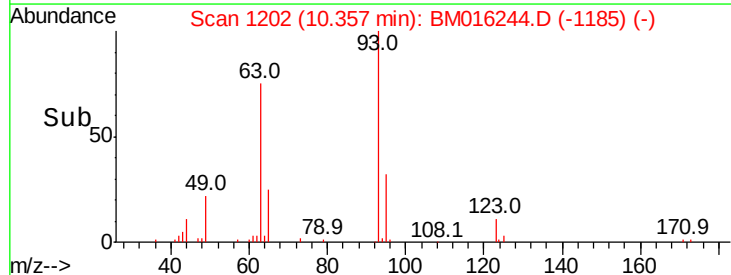
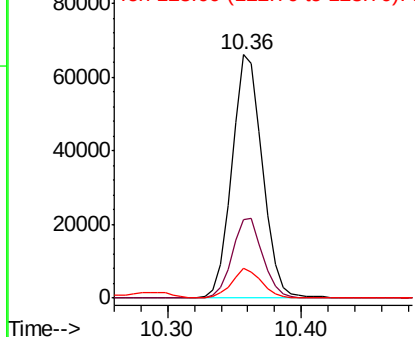


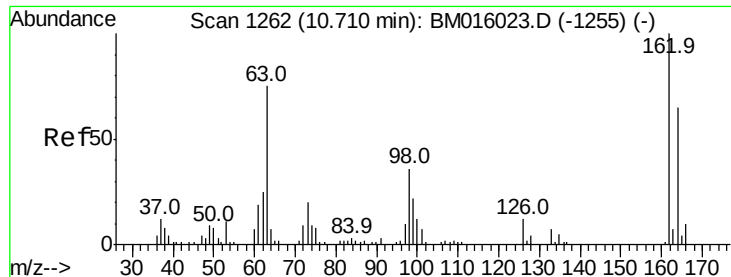
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.755 ng
 RT: 10.36 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion: 93 Resp: 104787
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.5 38.3
 123 12.0 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

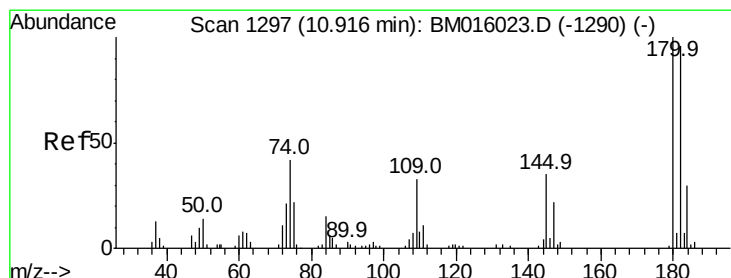
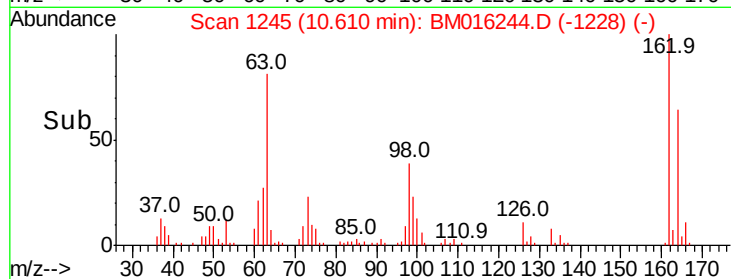
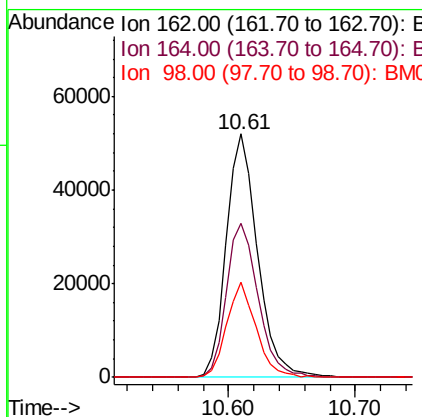
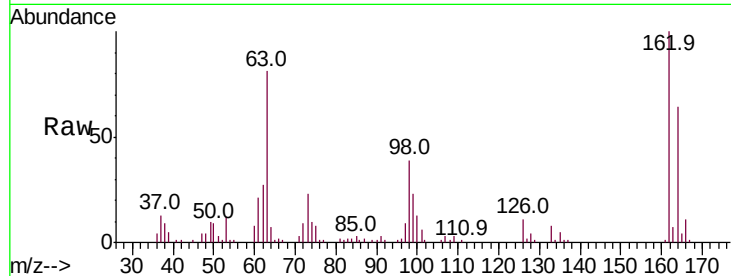




#29
 2,4-Dichlorophenol
 Concen: 41.948 ng
 RT: 10.61 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

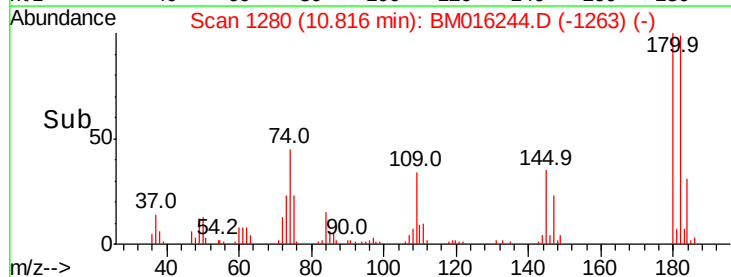
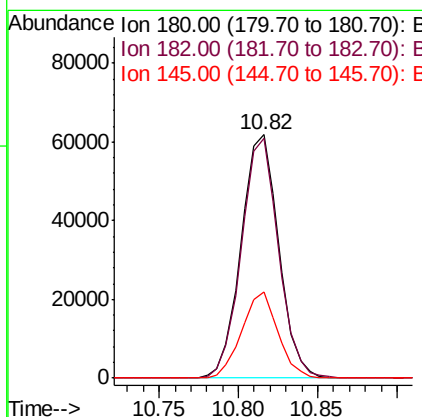
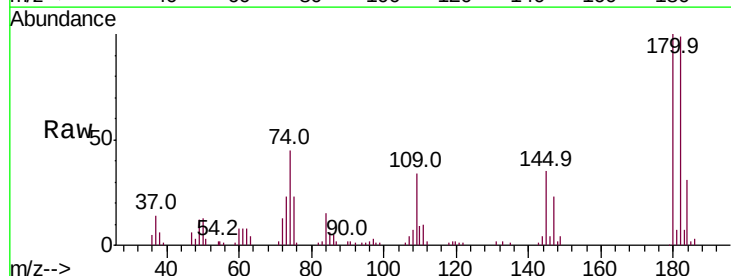
Instrument :
 BNA_M
 ClientSampleId :

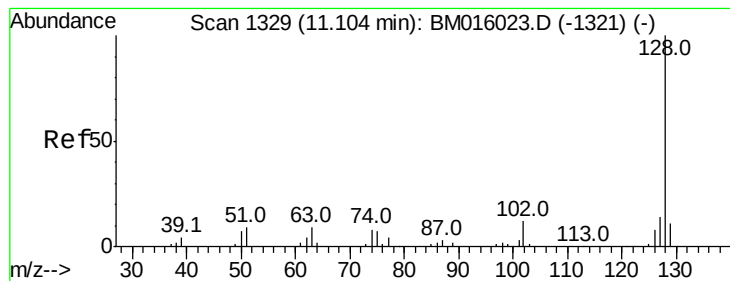
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.8	82.8
98	39.0	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.805 ng
 RT: 10.82 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	77.6	116.4
145	35.4	23.4	35.2





#31

Naphthalene

Concen: 38.708 ng

RT: 11.00 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampleId :

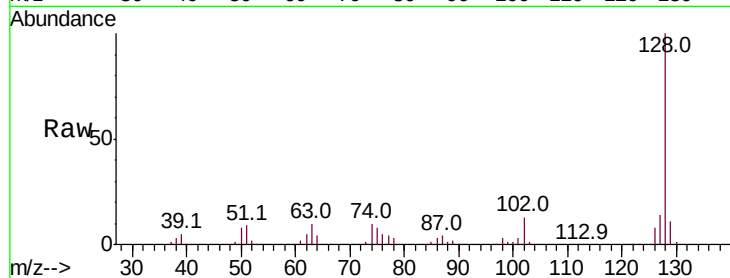
Tot Ion:128 Resp: 277117

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

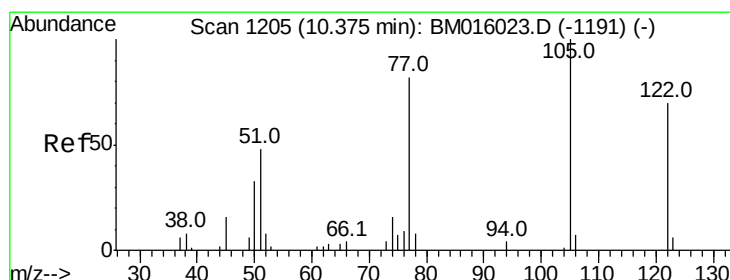
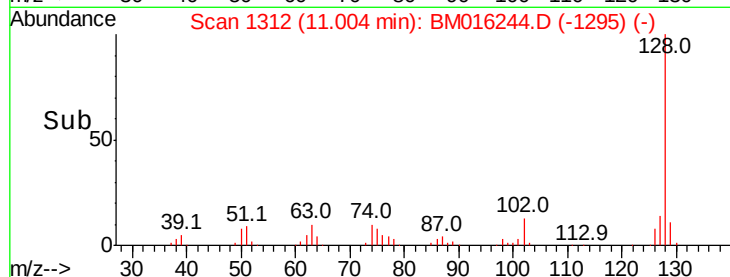
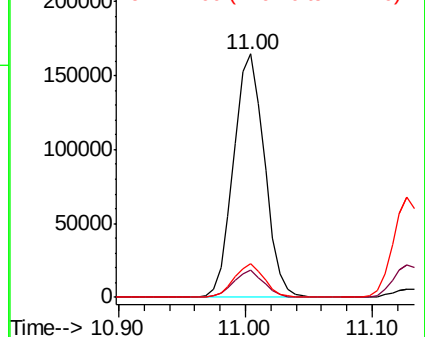
127 13.9 10.4 15.6



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: 44.252 ng

RT: 10.29 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

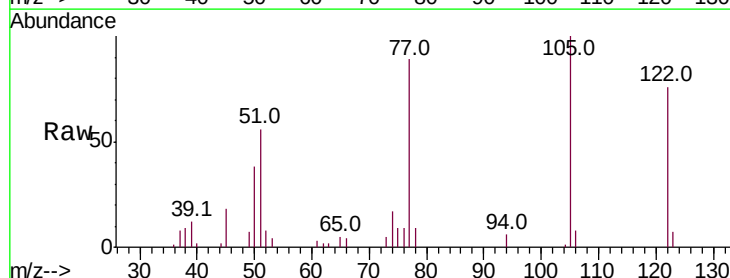
Tgt Ion:122 Resp: 60059

Ion Ratio Lower Upper

122 100

105 132.3 99.9 139.9

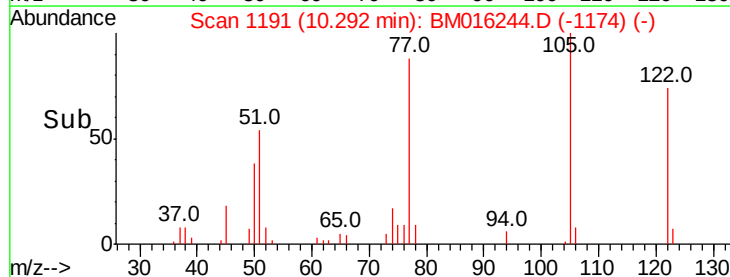
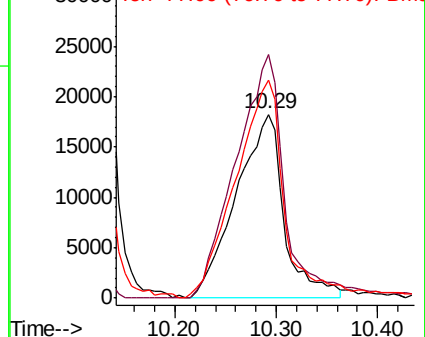
77 118.2 73.7 113.7#

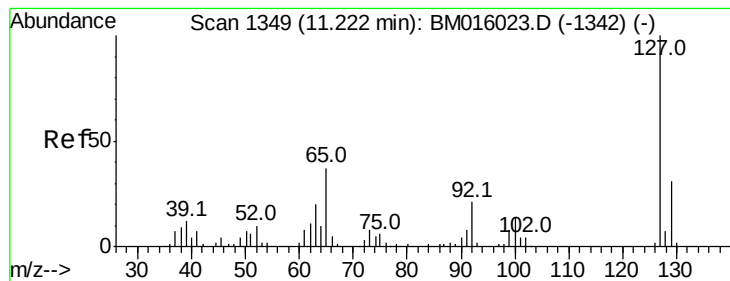


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





#33

4-Chloroaniline

Concen: 40.001 ng

RT: 11.13 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BM016244.D

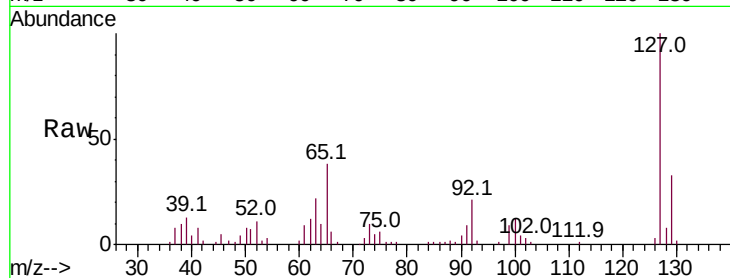
Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampled :

Tot Ion:	127	Resp:	116861
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.3	37.9
65	38.2	17.6	26.4
92	21.4	13.1	19.7



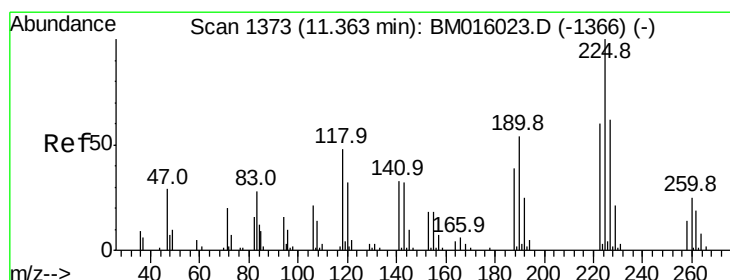
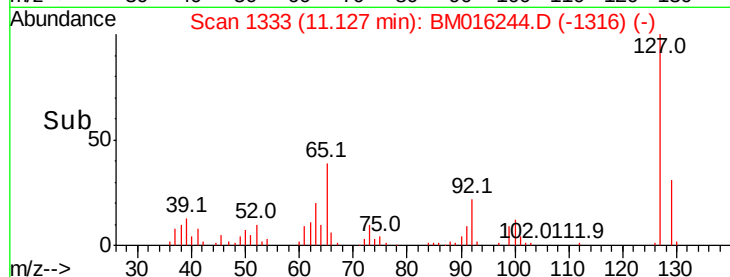
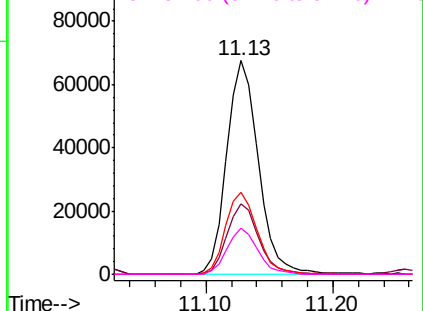
Abundance

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): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 41.846 ng

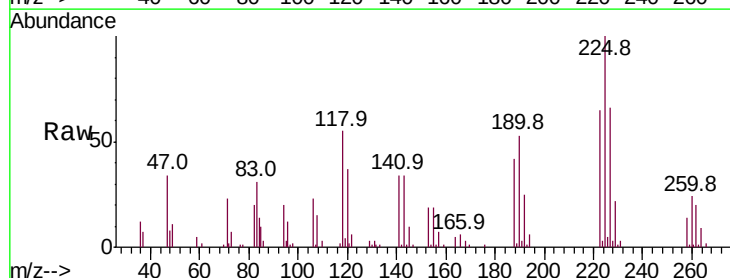
RT: 11.26 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Tgt Ion:	225	Resp:	74614
Ion	Ratio	Lower	Upper
225	100		
223	64.9	47.9	71.9
227	66.2	50.1	75.1

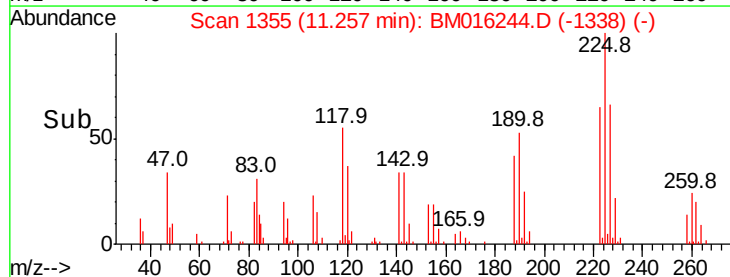
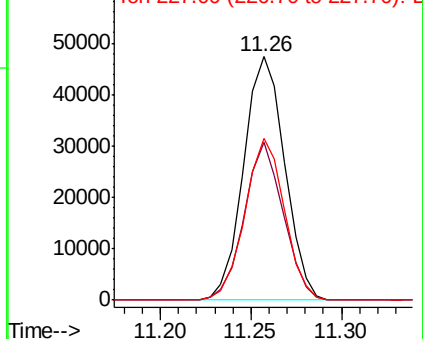


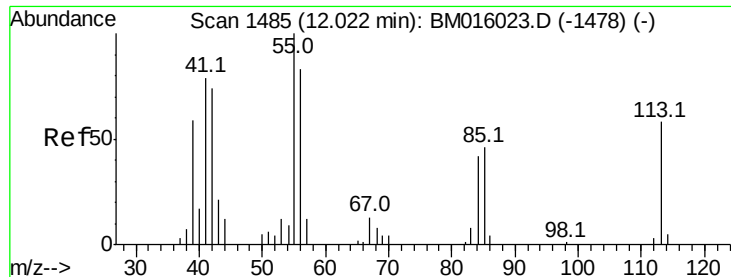
Abundance

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: 38.535 ng

RT: 11.93 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampleId :

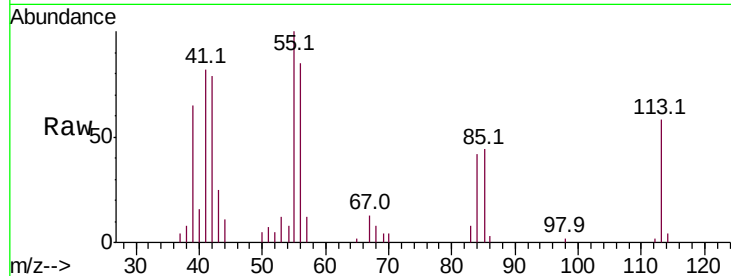
Tot Ion:113 Resp: 22580

Ion Ratio Lower Upper

113 100

55 173.8 145.9 185.9

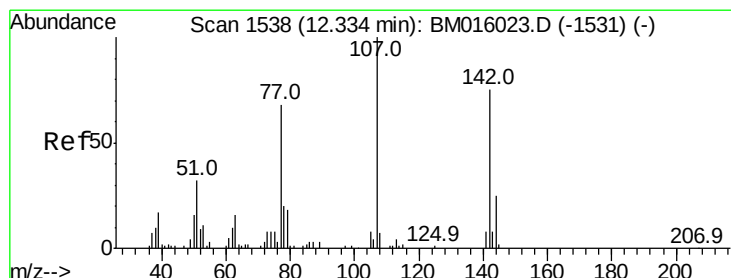
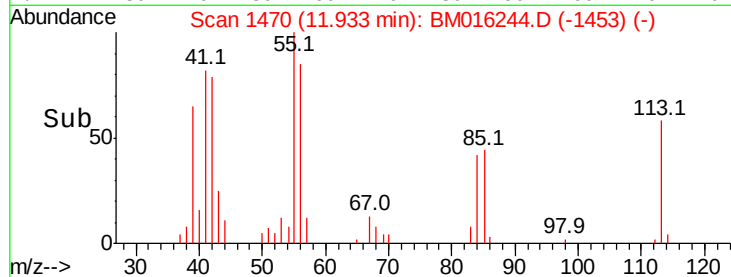
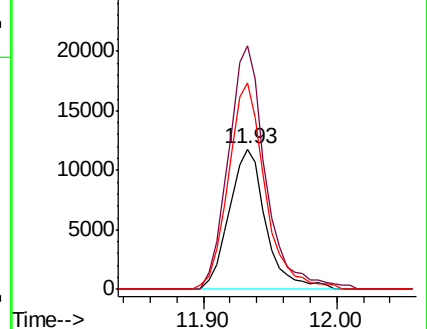
56 147.5 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 40.454 ng

RT: 12.25 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

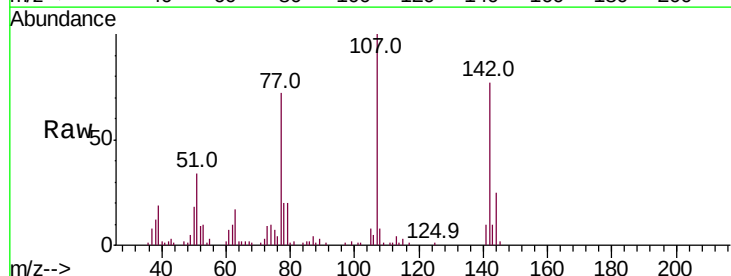
Tgt Ion:107 Resp: 94136

Ion Ratio Lower Upper

107 100

144 25.2 23.3 34.9

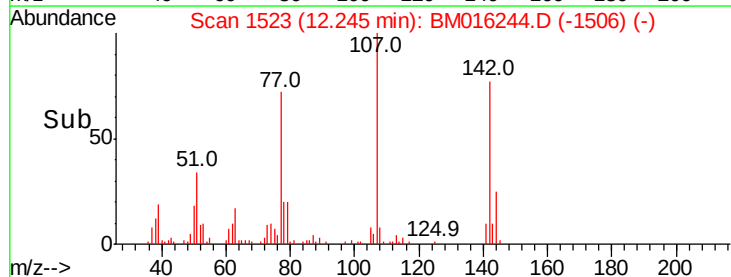
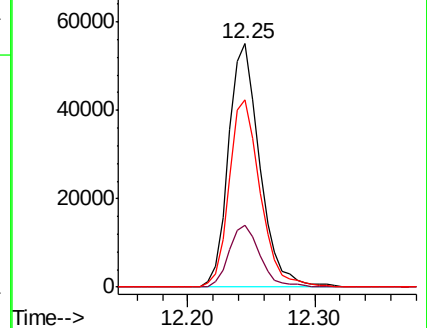
142 77.0 72.6 109.0

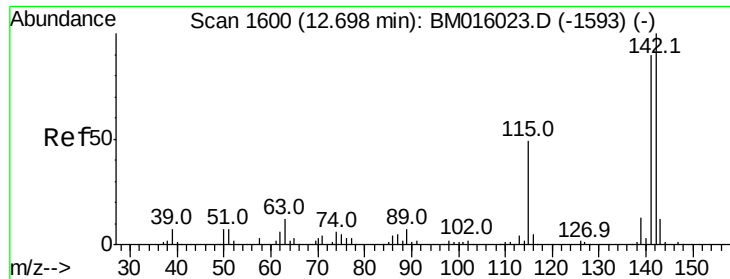


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

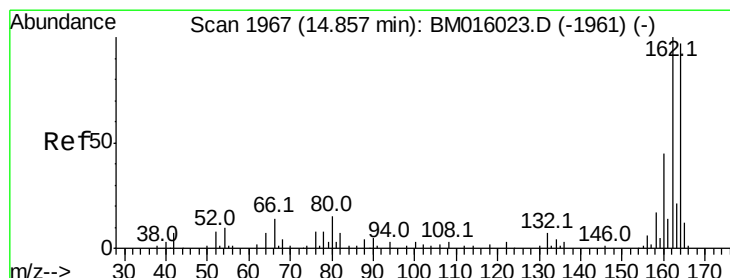
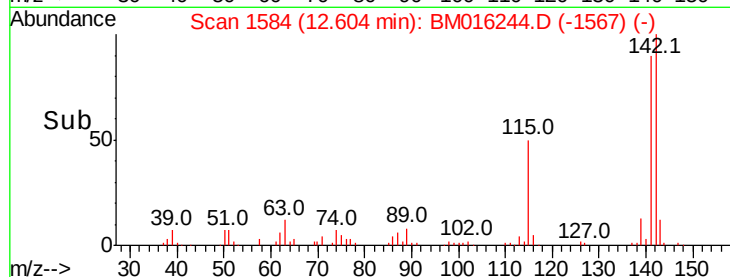
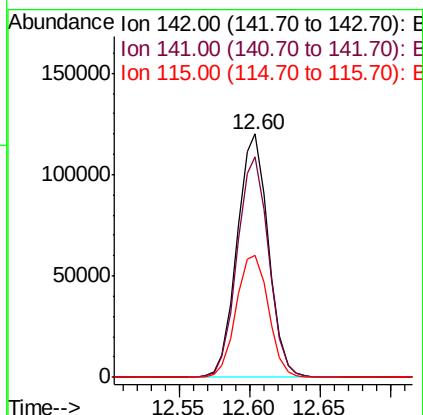
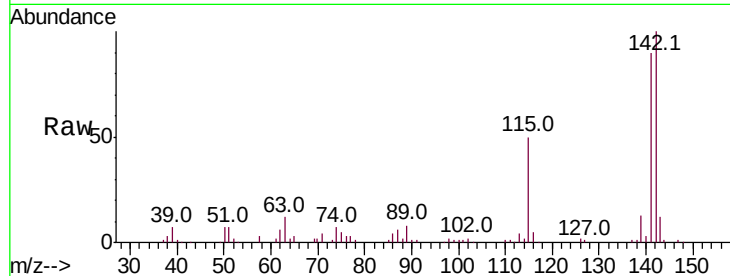




#37
2-Methylnaphthalene
Concen: 38.751 ng
RT: 12.60 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

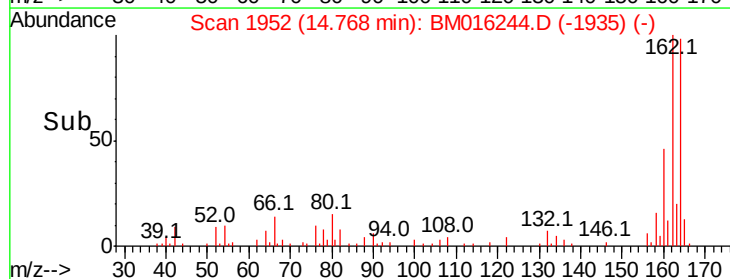
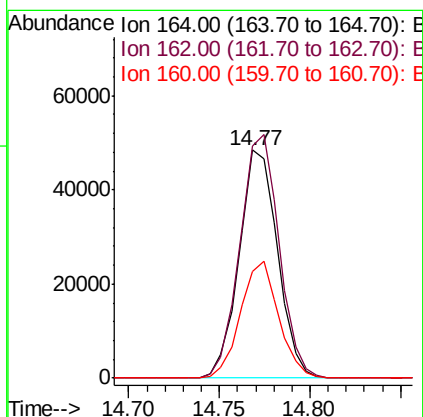
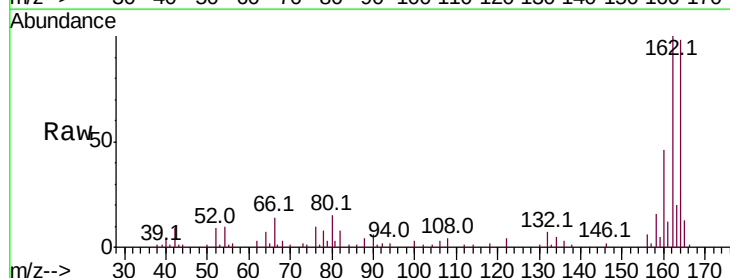
Instrument :
BNA_M
ClientSampleId :

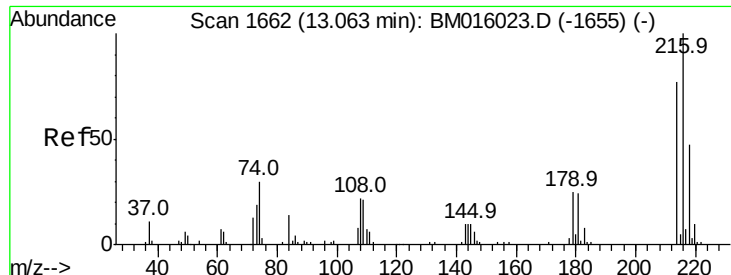
Tot Ion:142 Resp: 185840
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9
115 50.3 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion:164 Resp: 71344
Ion Ratio Lower Upper
164 100
162 101.7 82.4 123.6
160 46.9 35.8 53.6

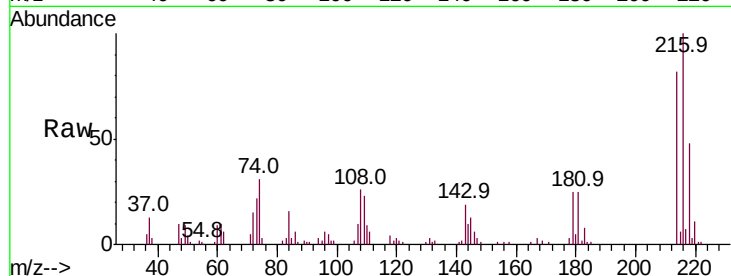




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.924 ng
 RT: 12.97 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	216	Resp:	101829
Ion	Ratio	Lower	Upper
216	100		
214	80.5	0.0	0.0#
179	25.3	0.0	0.0#
108	25.1	0.0	0.0#



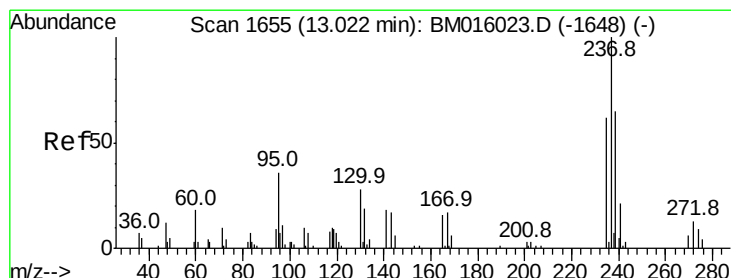
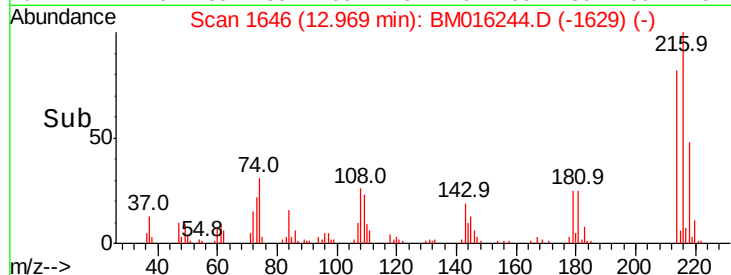
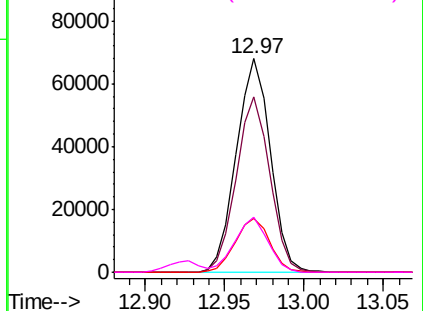
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

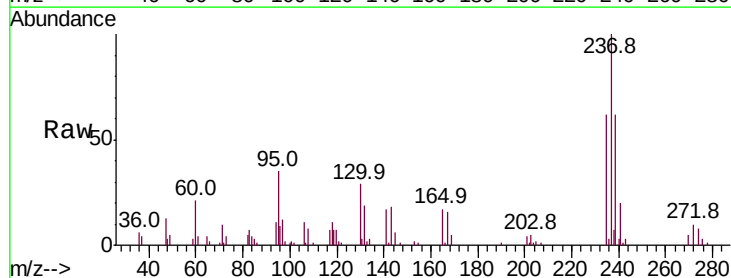
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 55.270 ng
 RT: 12.93 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion:	237	Resp:	62767
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.0	82.0
272	10.3	0.0	33.4

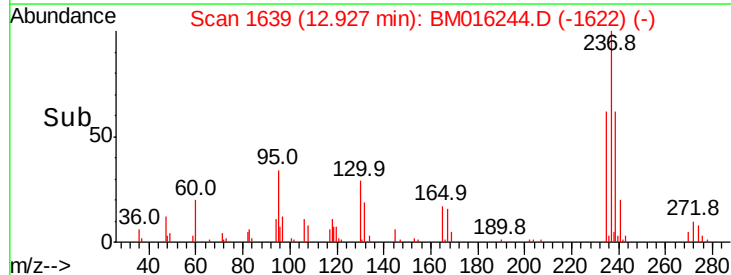
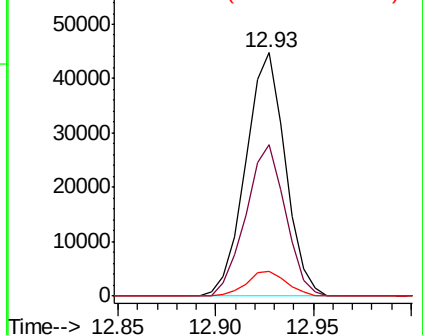


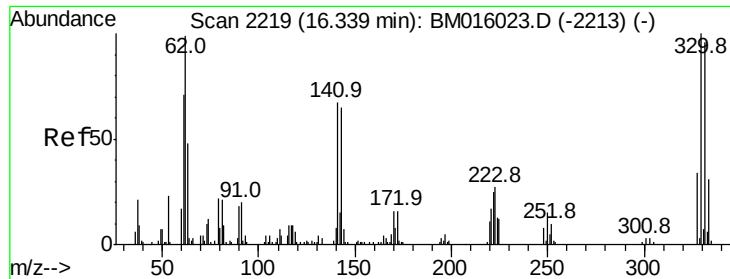
Abundance

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

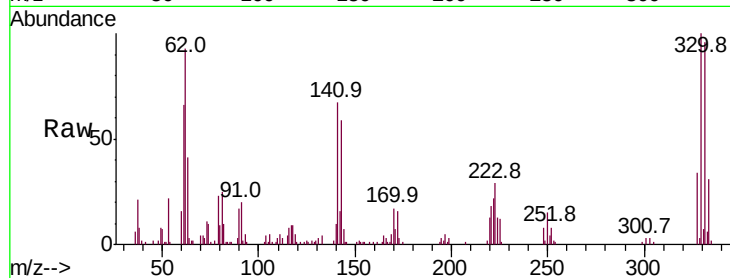




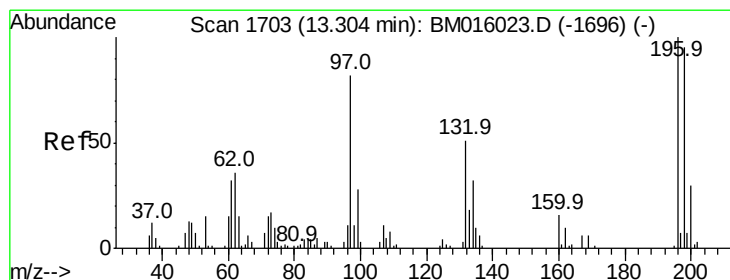
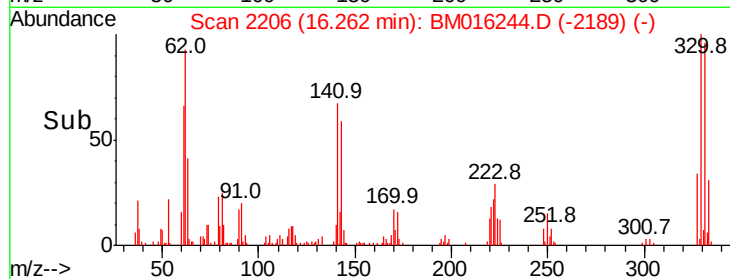
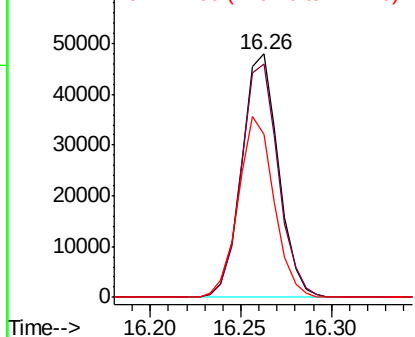
#41
 2,4,6-Tribromophenol
 Concen: 55.270 ng
 RT: 16.26 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 67551
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 72.0 0.0 0.0#

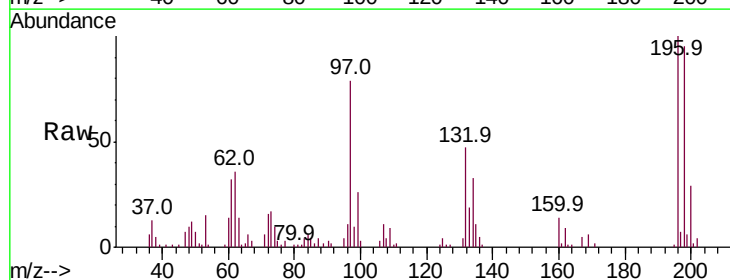


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

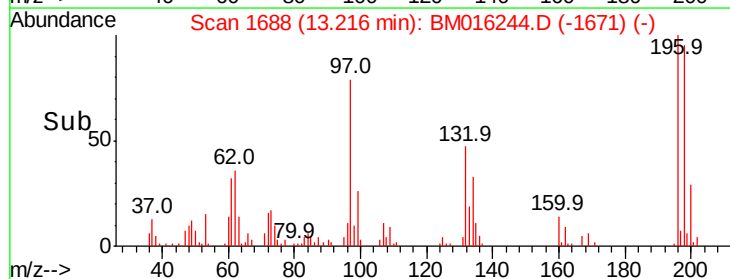
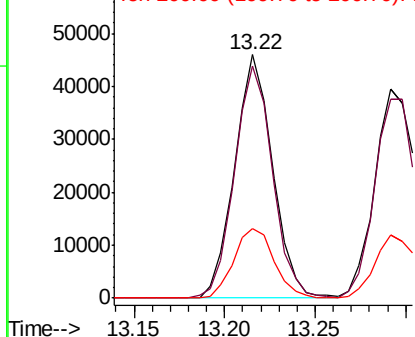


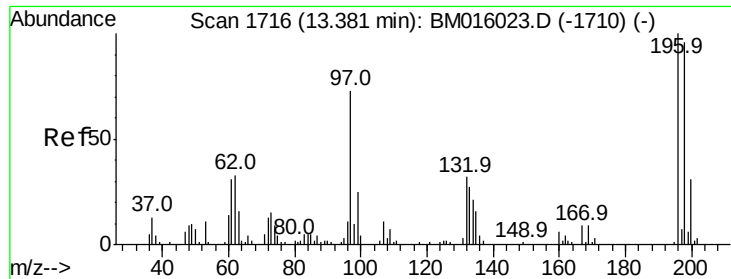
#42
 2,4,6-Trichlorophenol
 Concen: 44.204 ng
 RT: 13.22 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion:196 Resp: 67175
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.3 114.5
 200 28.8 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

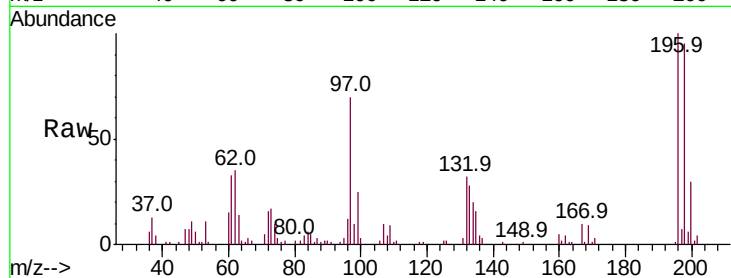




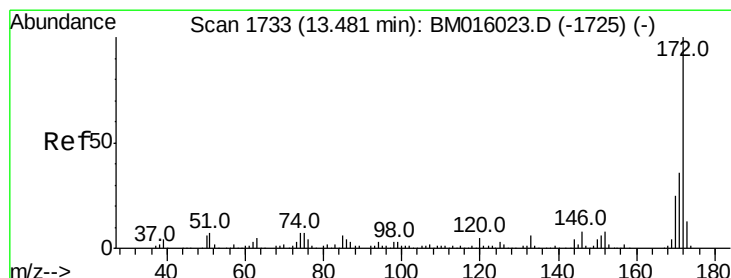
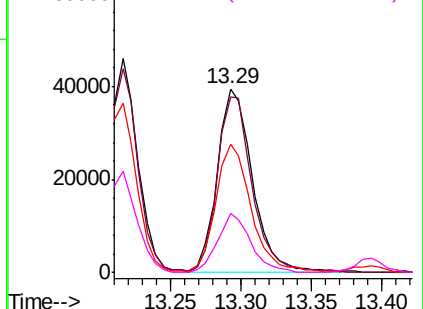
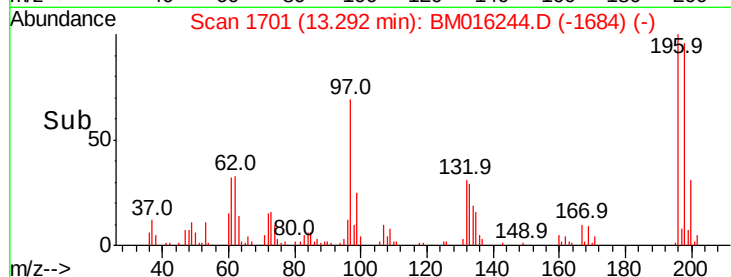
#43
2,4,5-Trichlorophenol
Concen: 43.526 ng
RT: 13.29 min Scan# 1701
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:196 Resp: 68227
Ion Ratio Lower Upper
196 100
198 95.4 79.4 119.0
97 70.2 26.8 40.2#
132 31.9 18.6 28.0#

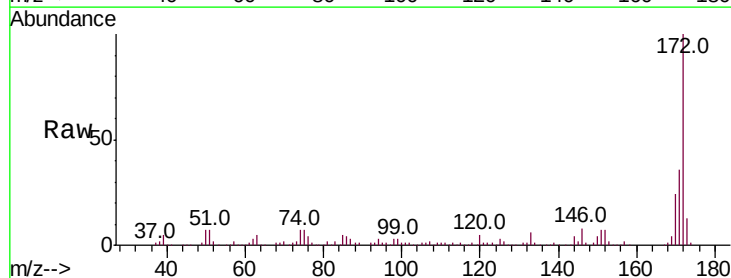


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM0
Ion 132.00 (131.70 to 132.70): E

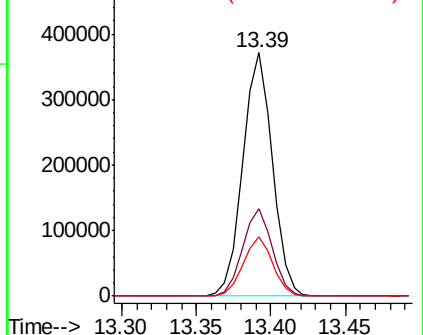
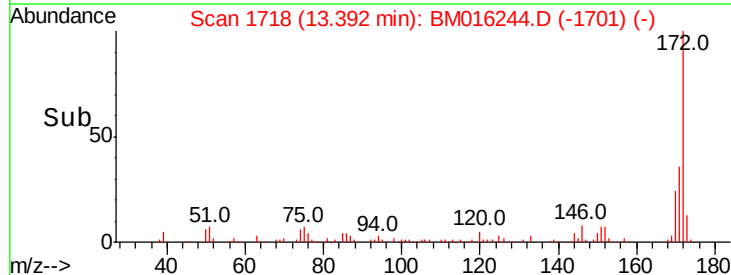


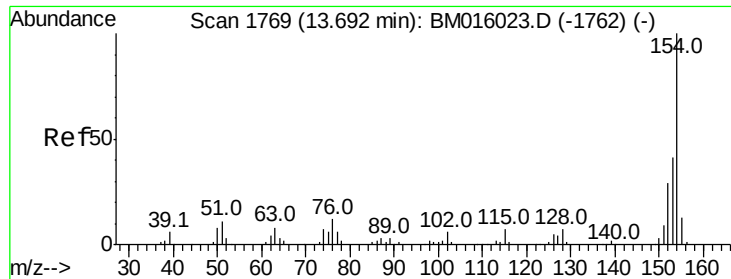
#44
2-Fluorobiphenyl
Concen: 43.526 ng
RT: 13.39 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion:172 Resp: 508443
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.1 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

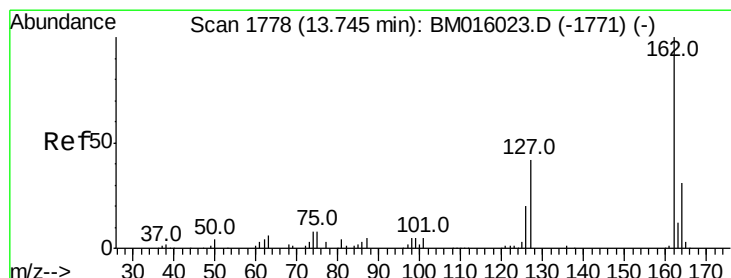
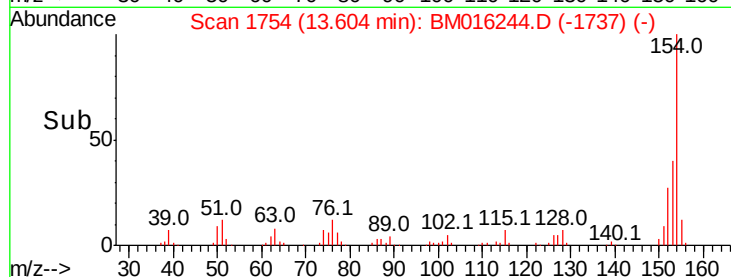
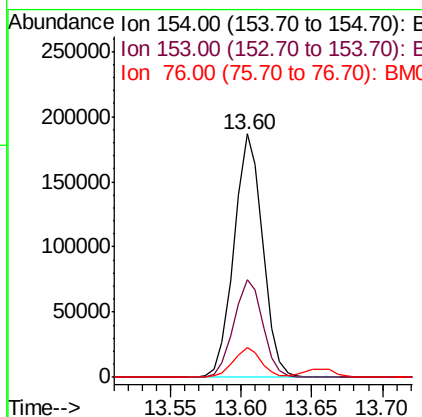
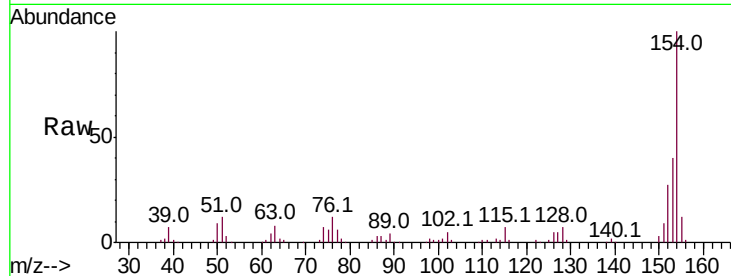




#45
 1,1'-Biphenyl
 Concen: 40.912 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

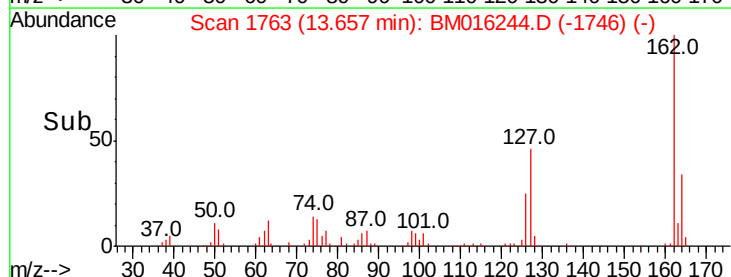
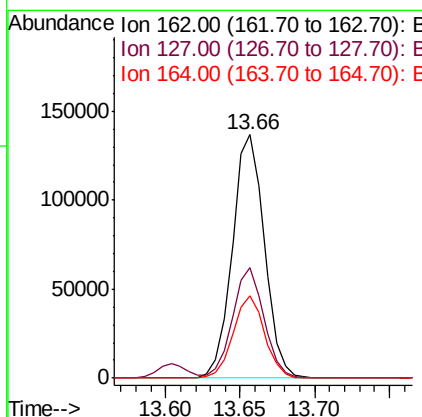
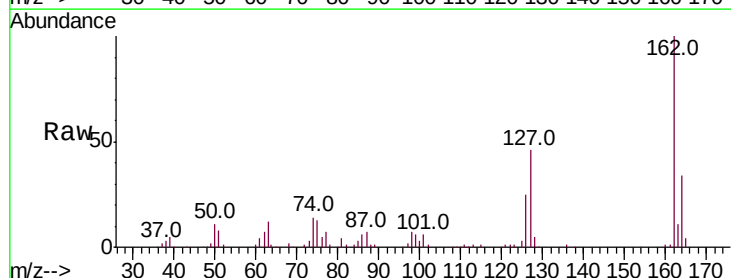
Instrument :
 BNA_M
 ClientSampled :

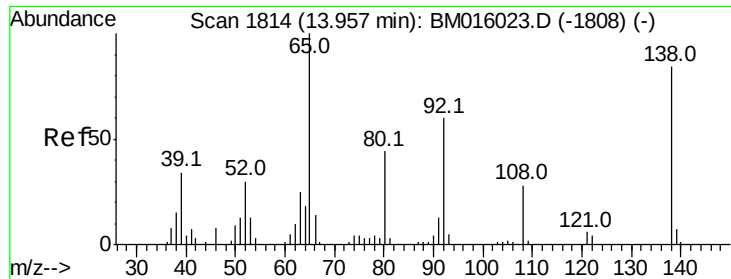
Tot Ion:	154	Resp:	263414
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.7	60.7
76	12.1	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 40.882 ng
 RT: 13.66 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion:	162	Resp:	204728
Ion Ratio	Lower	Upper	
162	100		
127	45.6	26.9	40.3#
164	33.7	26.8	40.2

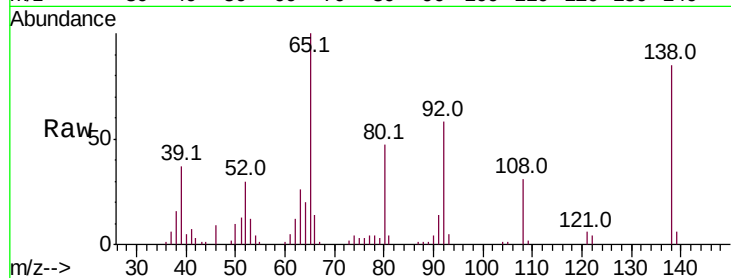




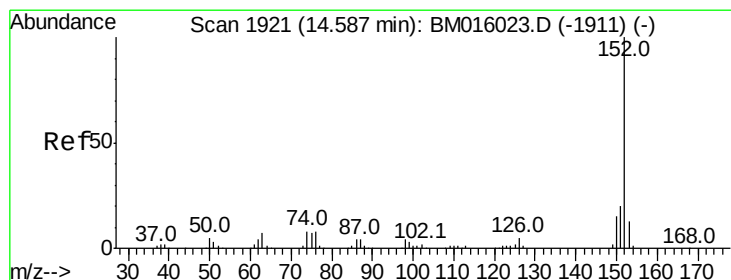
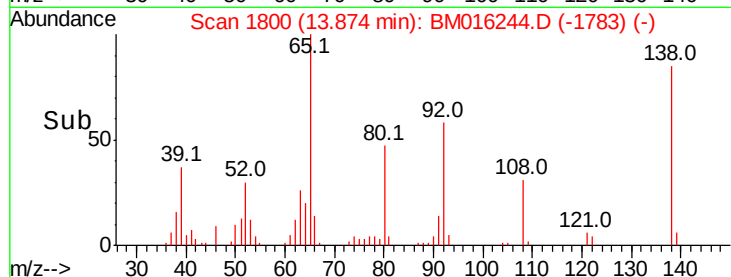
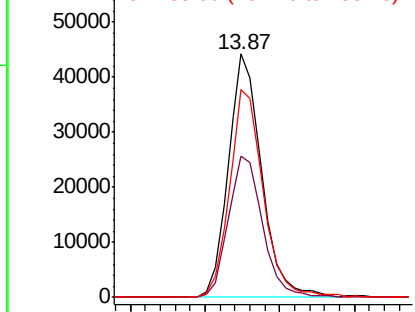
#47
 2-Nitroaniline
 Concen: 41.686 ng
 RT: 13.87 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 65 Resp: 69017
 Ion Ratio Lower Upper
 65 100
 92 57.8 59.1 88.7#
 138 85.3 93.9 140.9#

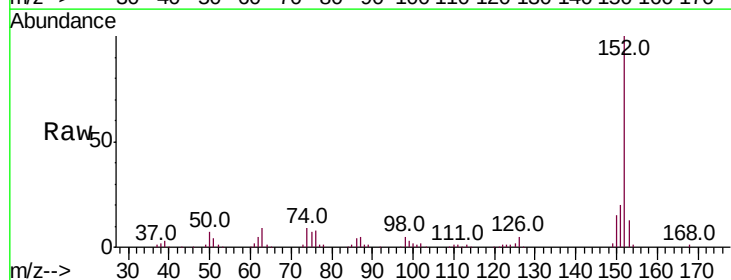


Abundance Ion 65.00 (64.70 to 65.70): BM016023.D (-1808) (-)
 Ion 92.00 (91.70 to 92.70): BM016023.D (-1808) (-)
 Ion 138.00 (137.70 to 138.70): BM016023.D (-1808) (-)

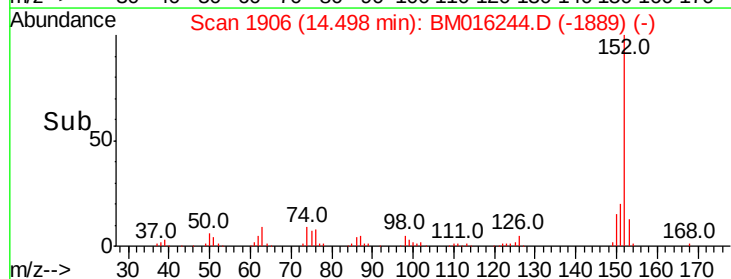
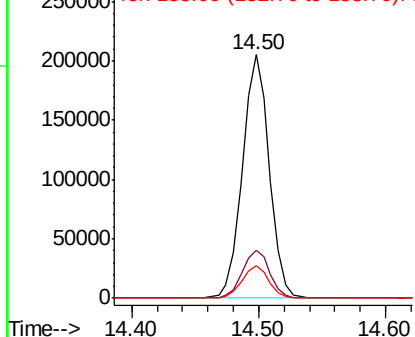


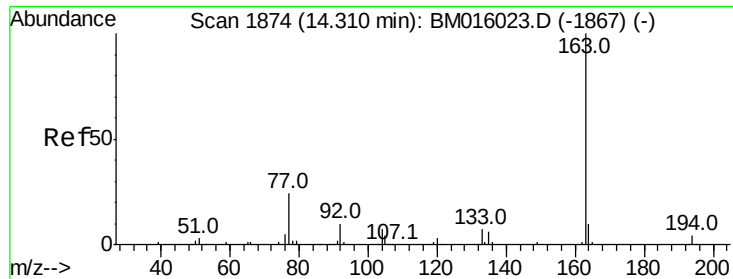
#48
 Acenaphthylene
 Concen: 40.806 ng
 RT: 14.50 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion: 152 Resp: 299151
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.9 23.9
 153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): BM016023.D (-1911) (-)
 Ion 151.00 (150.70 to 151.70): BM016023.D (-1911) (-)
 Ion 153.00 (152.70 to 153.70): BM016023.D (-1911) (-)





#49

Dimethylphthalate

Concen: 39.145 ng

RT: 14.23 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampled :

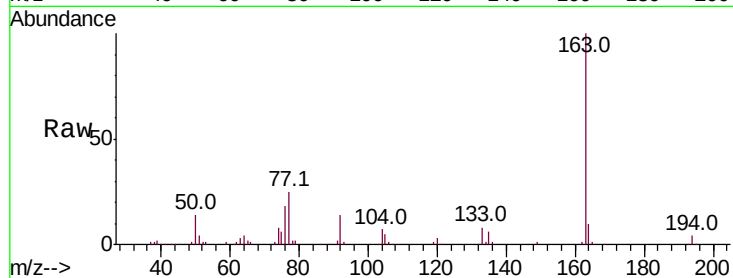
Tot Ion:163 Resp: 244406

Ion Ratio Lower Upper

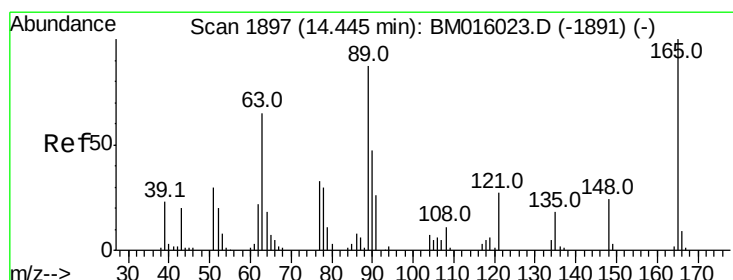
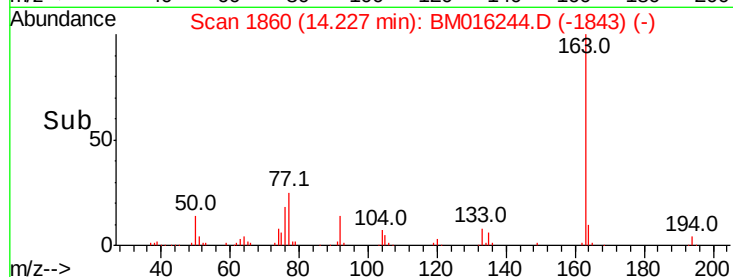
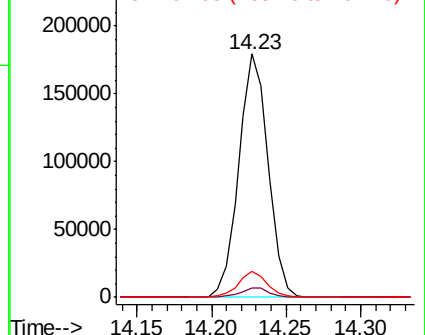
163 100

194 3.9 2.7 4.1

164 10.4 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 40.692 ng

RT: 14.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

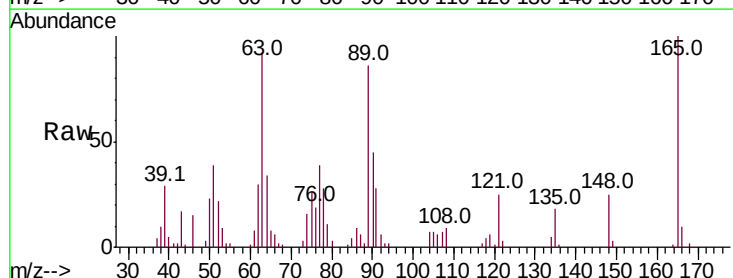
Tgt Ion:165 Resp: 51120

Ion Ratio Lower Upper

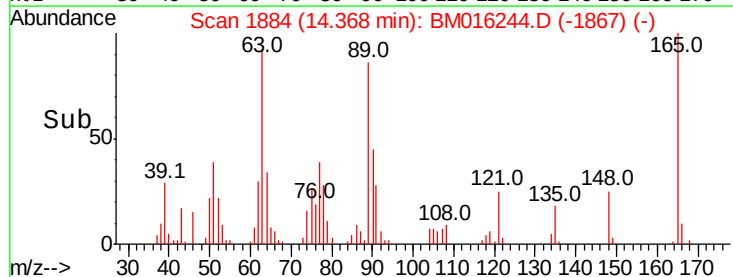
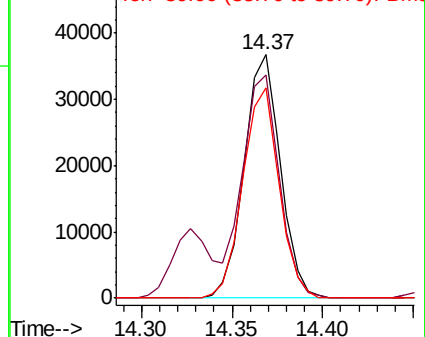
165 100

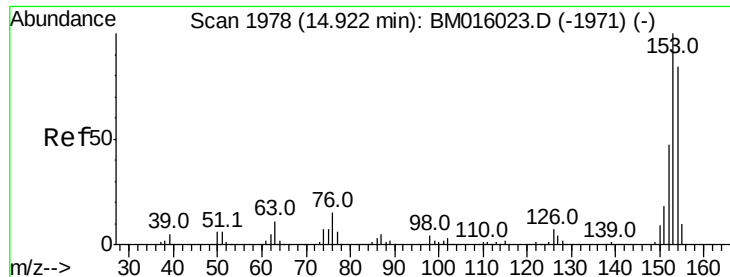
63 91.8 44.1 66.1#

89 86.1 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 38.888 ng

RT: 14.83 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampleId :

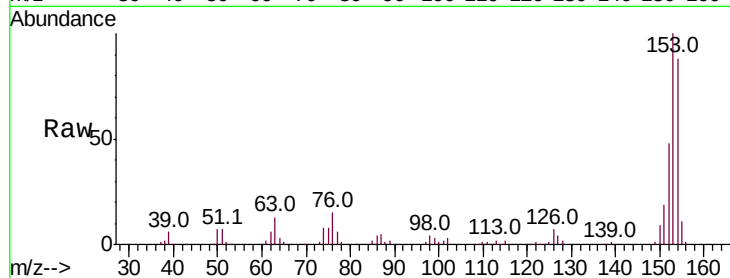
Tot Ion:154 Resp: 175335

Ion Ratio Lower Upper

154 100

153 114.1 90.0 135.0

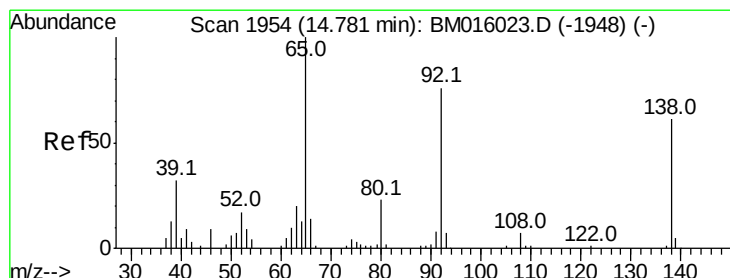
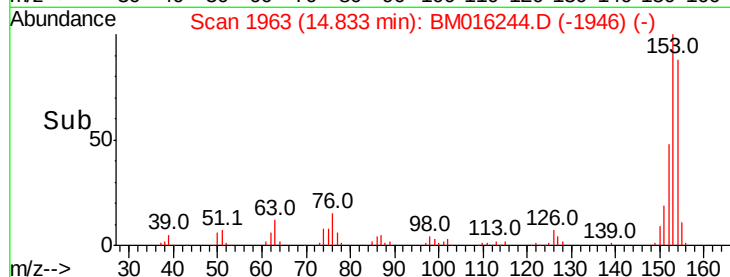
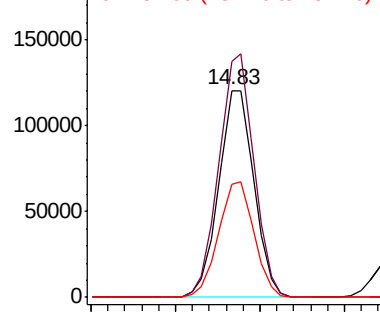
152 54.7 42.6 63.8



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: 38.862 ng

RT: 14.70 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

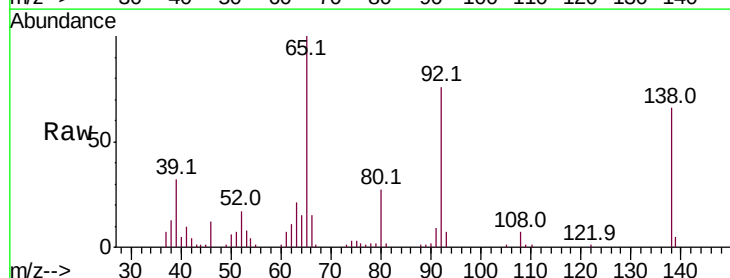
Tgt Ion:138 Resp: 52732

Ion Ratio Lower Upper

138 100

108 10.7 7.3 10.9

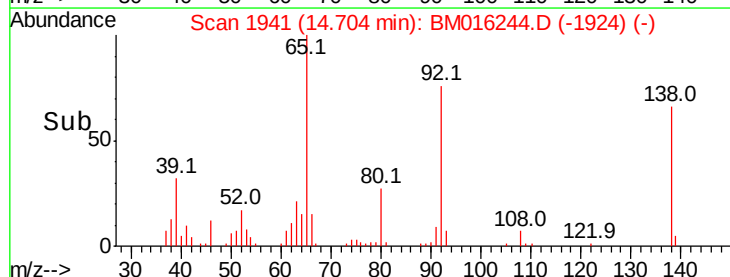
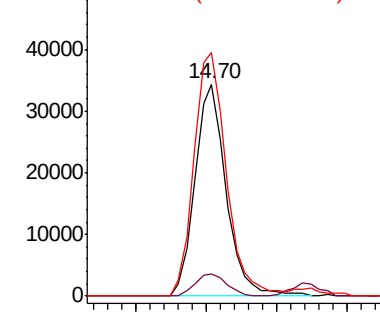
92 114.7 76.6 114.8

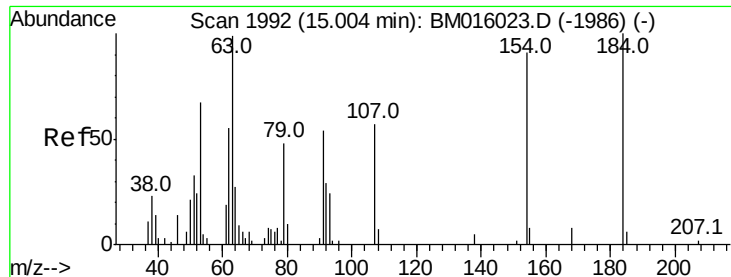


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

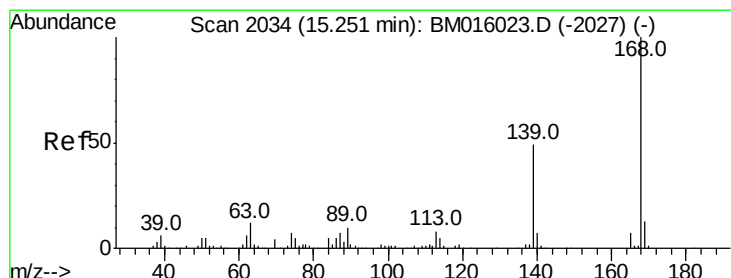
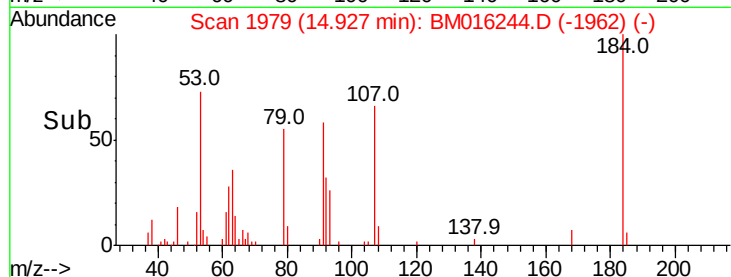
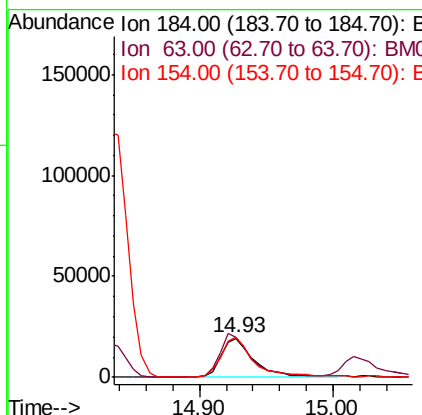
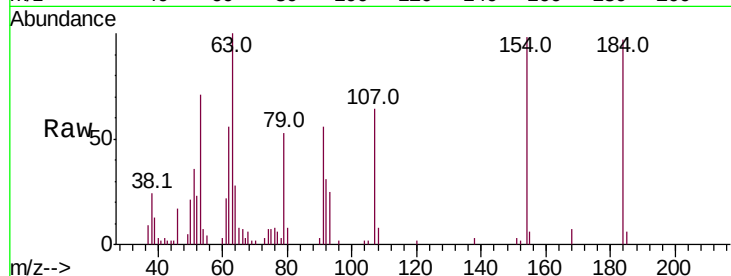




#53
 2,4-Dinitrophenol
 Concen: 63.444 ng
 RT: 14.93 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

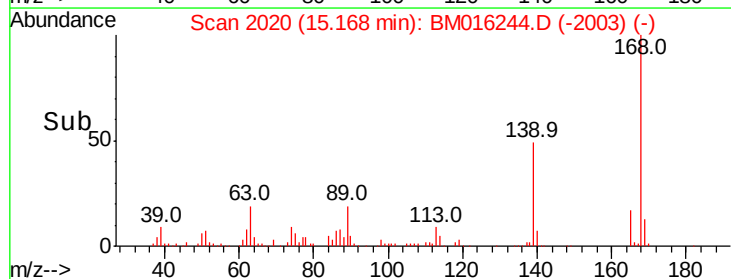
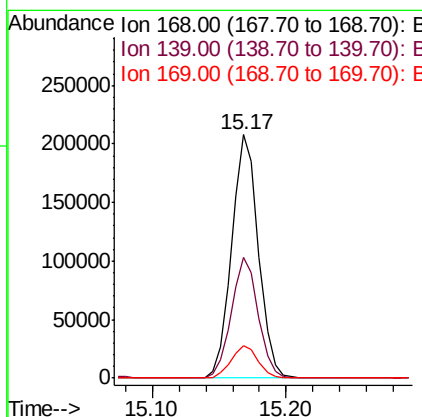
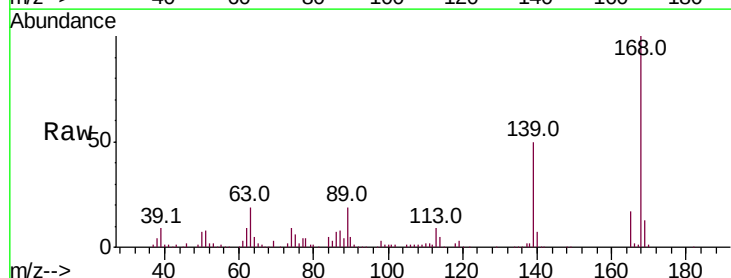
Instrument :
 BNA_M
 ClientSampleId :

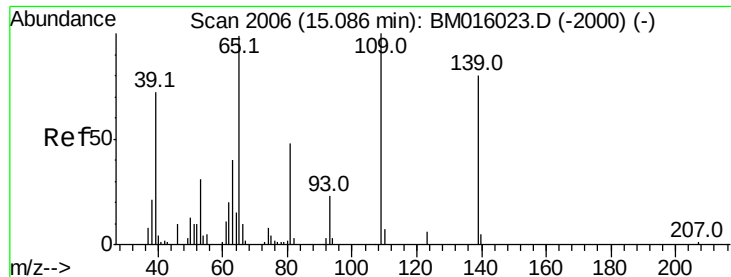
Tot Ion:184 Resp: 33484
 Ion Ratio Lower Upper
 184 100
 63 103.1 69.2 103.8
 154 101.5 53.3 79.9#



#54
 Dibenzofuran
 Concen: 39.024 ng
 RT: 15.17 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion:168 Resp: 289944
 Ion Ratio Lower Upper
 168 100
 139 49.6 27.3 40.9#
 169 13.4 10.6 16.0





#55

4-Nitrophenol

Concen: 36.689 ng

RT: 15.02 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampleId :

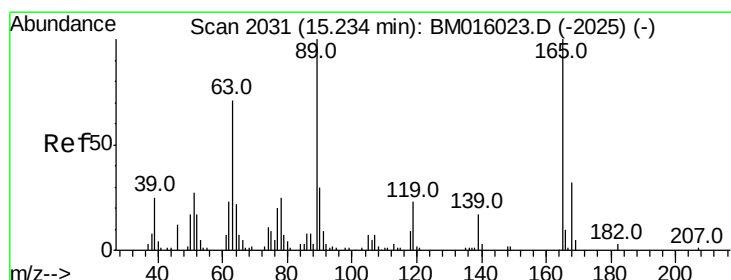
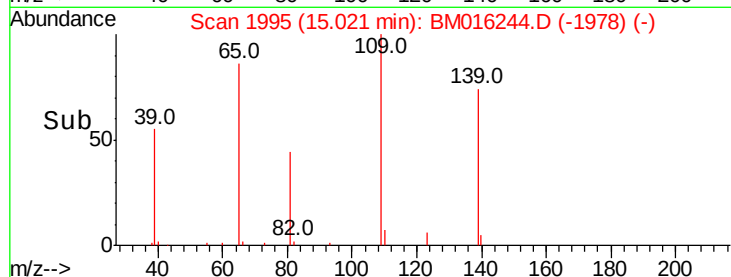
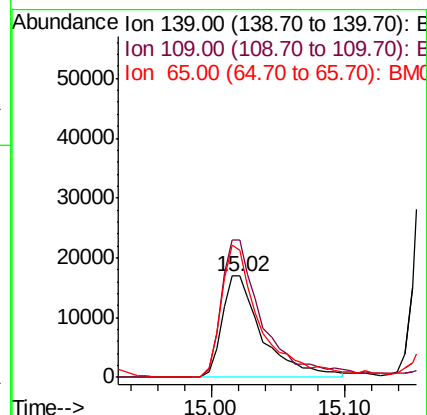
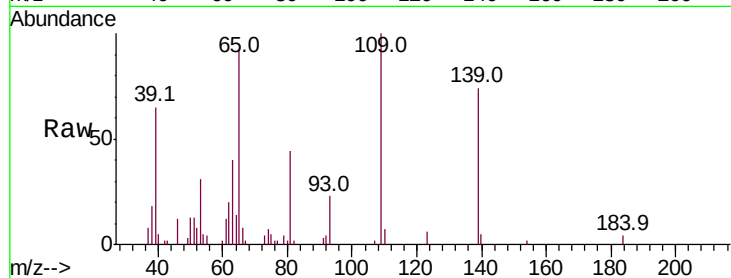
Tot Ion:139 Resp: 35688

Ion Ratio Lower Upper

139 100

109 136.0 130.0 170.0

65 125.2 130.0 170.0#



#56

2,4-Dinitrotoluene

Concen: 39.789 ng

RT: 15.16 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Tgt Ion:165 Resp: 71472

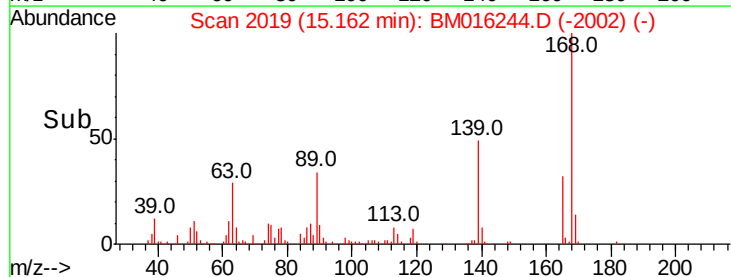
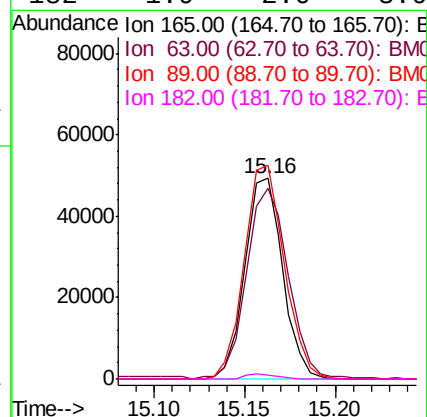
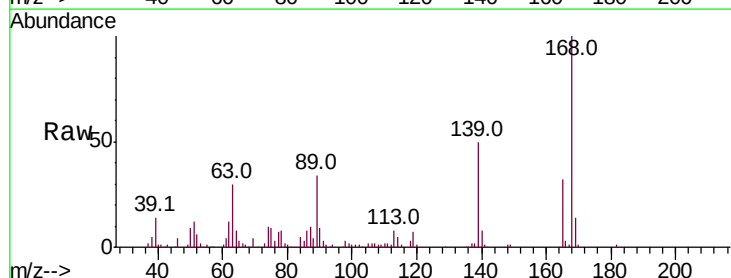
Ion Ratio Lower Upper

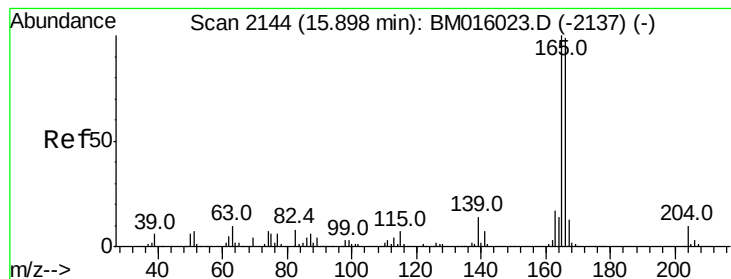
165 100

63 95.2 52.4 78.6#

89 106.5 72.4 108.6

182 1.9 2.0 3.0#





#57

Fluorene

Concen: 38.871 ng

RT: 15.82 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampleId :

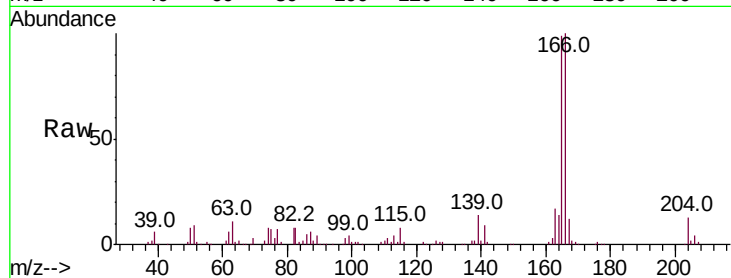
Tot Ion:166 Resp: 214615

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.4

167 12.4 10.3 15.5

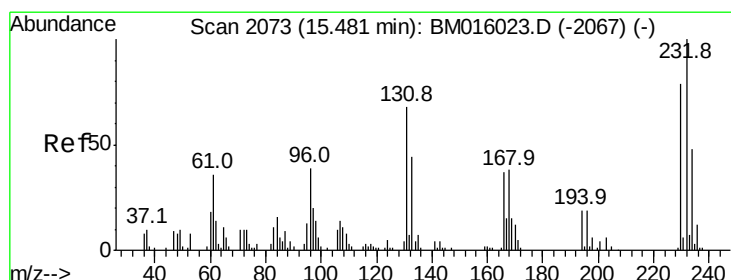
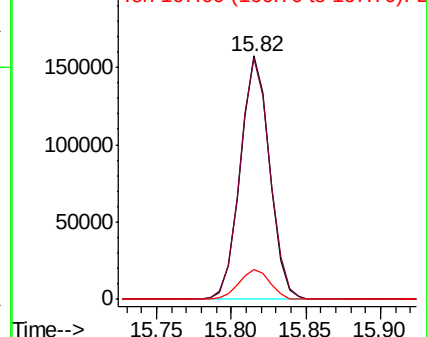
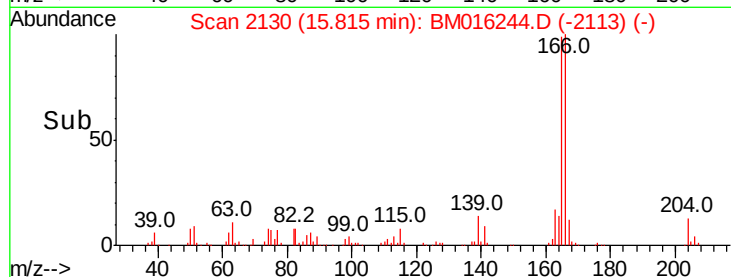


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.941 ng

RT: 15.40 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Tgt Ion:232 Resp: 55161

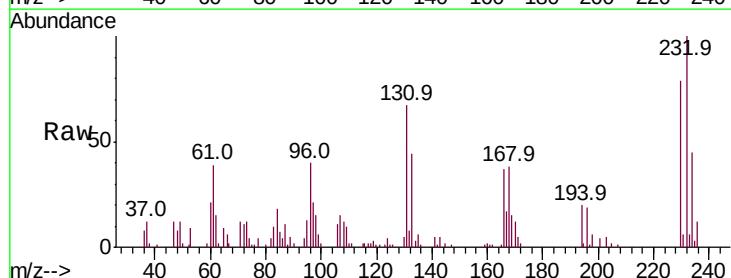
Ion Ratio Lower Upper

232 100

131 64.2 0.0 0.0#

130 4.7 0.0 0.0#

166 36.6 0.0 0.0#



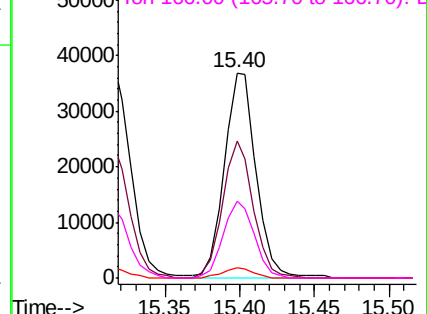
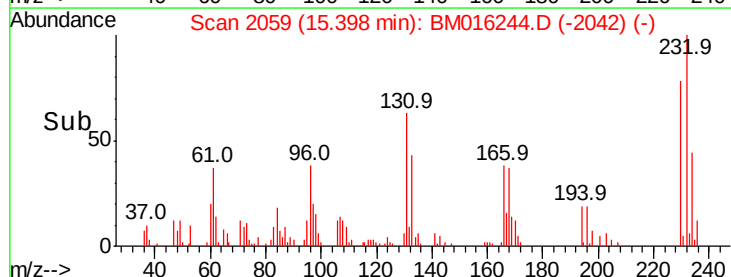
Abundance

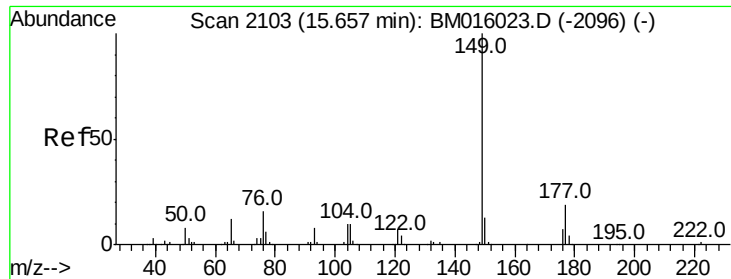
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

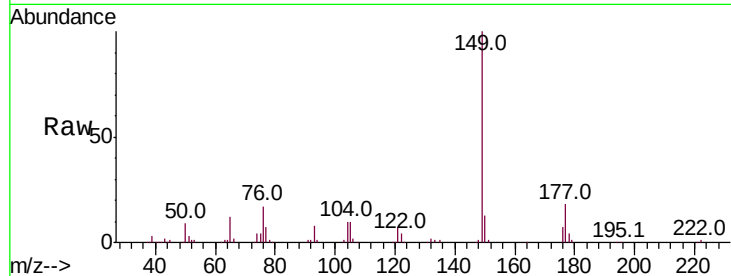




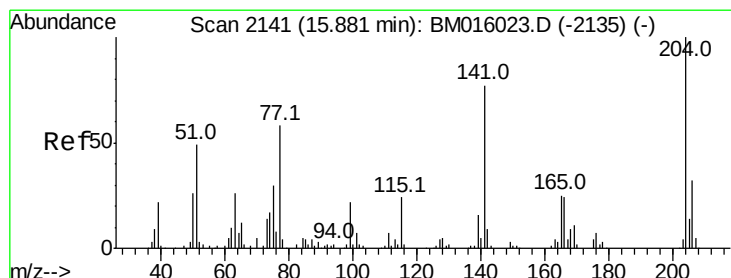
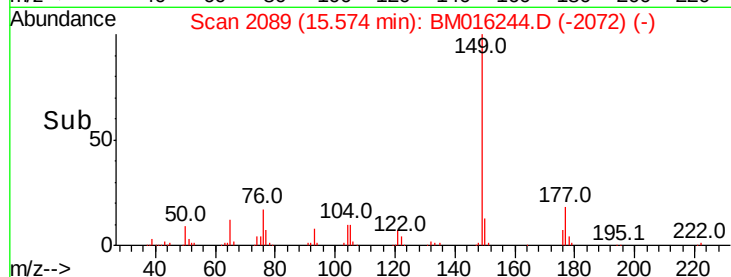
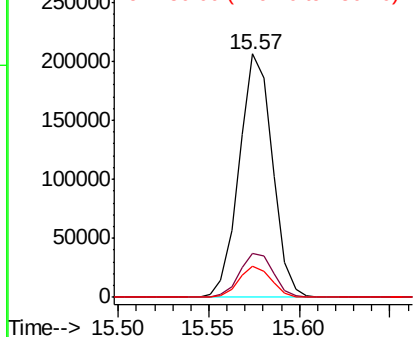
#59
Diethylphthalate
Concen: 39.086 ng
RT: 15.57 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 263040
Ion Ratio Lower Upper
149 100
177 18.2 18.3 27.5#
150 12.6 9.8 14.8

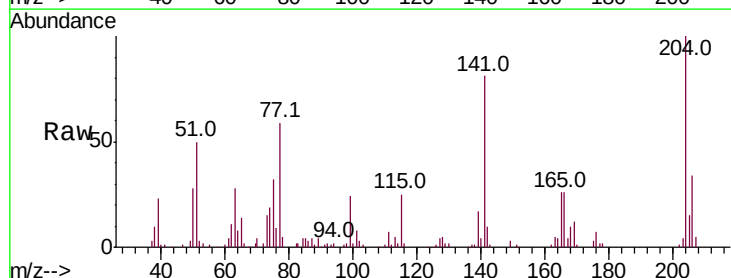


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

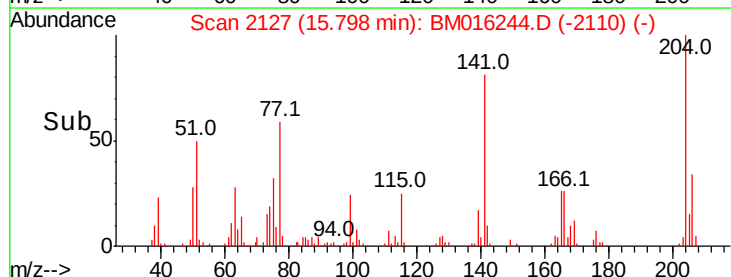
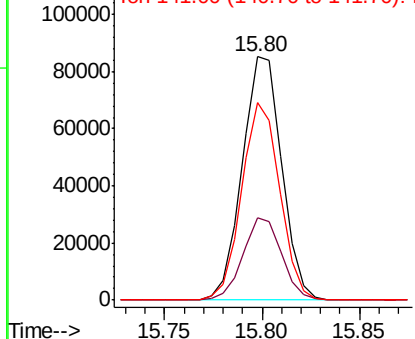


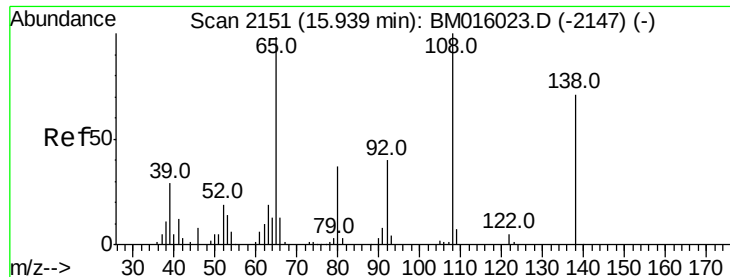
#60
4-Chlorophenyl-phenylether
Concen: 38.875 ng
RT: 15.80 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion:204 Resp: 119484
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 81.1 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

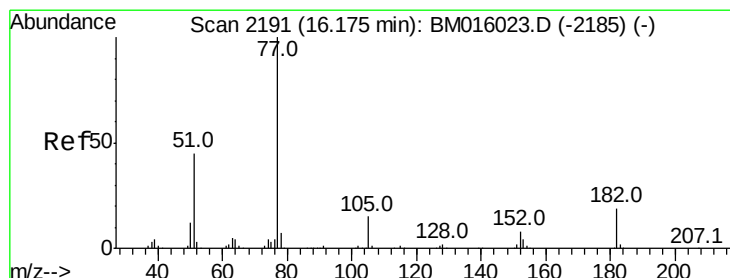
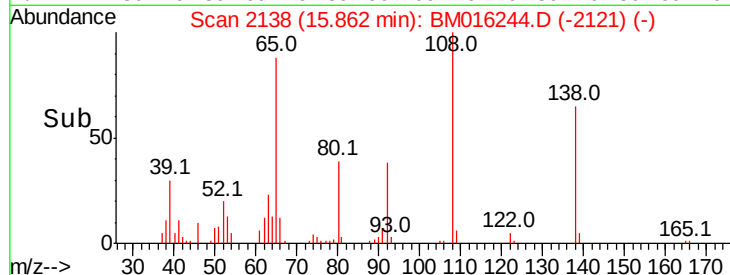
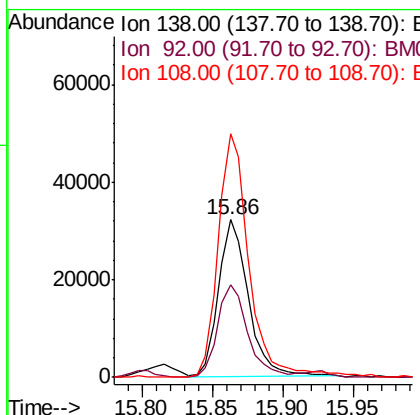
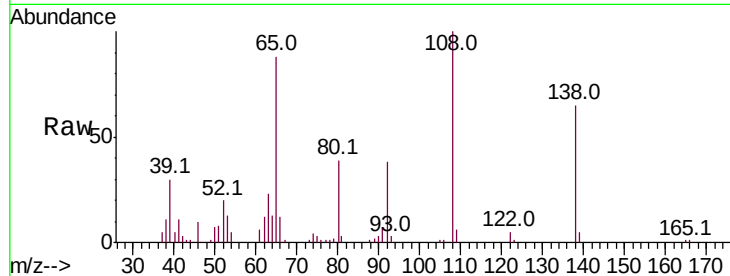




#61
4-Nitroaniline
Concen: 36.112 ng
RT: 15.86 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

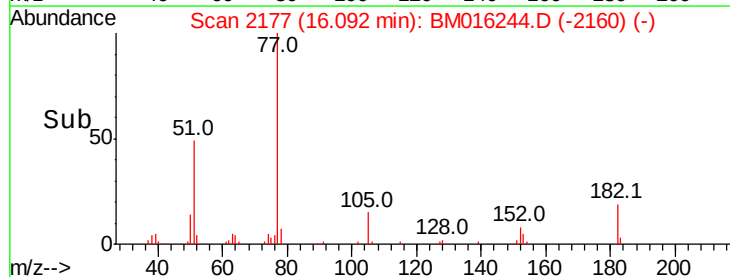
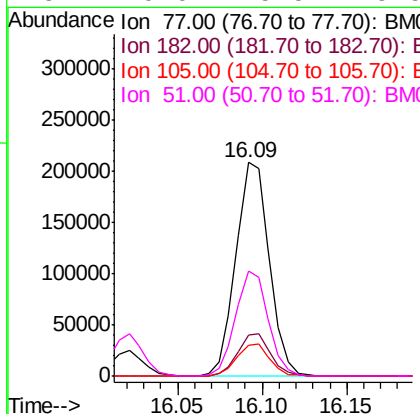
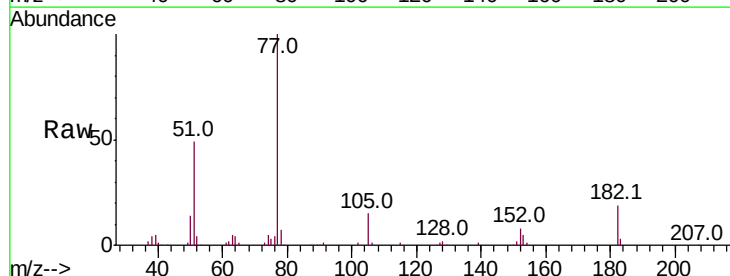
Instrument :
BNA_M
ClientSampleId :

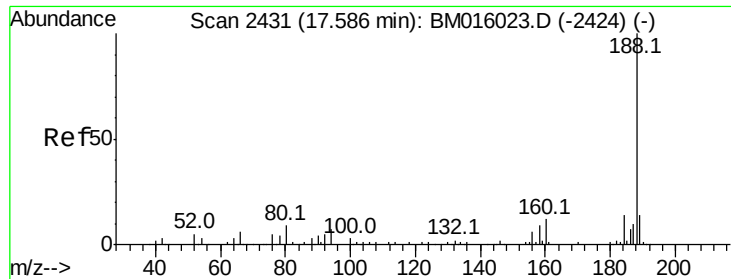
Tot Ion:138 Resp: 47013
Ion Ratio Lower Upper
138 100
92 58.7 16.7 56.7#
108 154.3 37.6 77.6#



#62
Azobenzene
Concen: 40.467 ng
RT: 16.09 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion: 77 Resp: 286807
Ion Ratio Lower Upper
77 100
182 19.0 6.5 46.5
105 14.7 3.8 43.8
51 49.0 5.5 45.5#

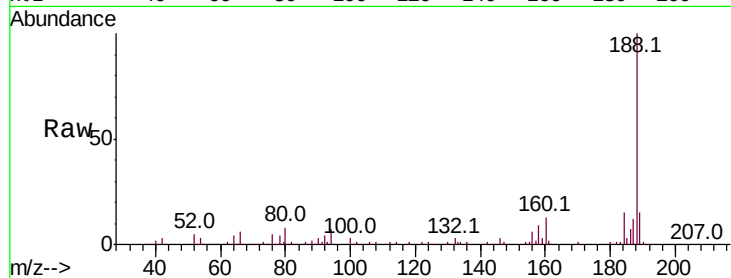




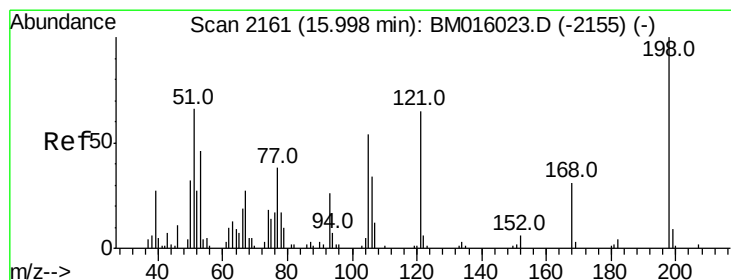
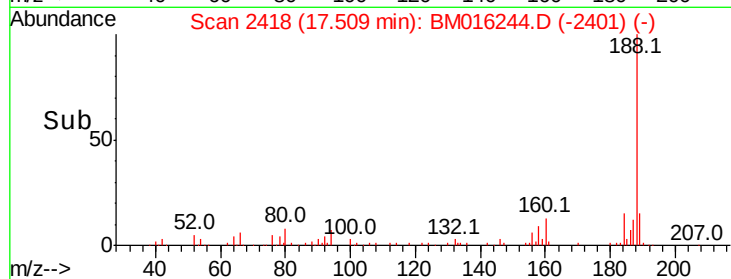
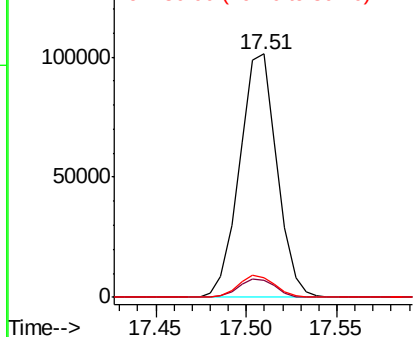
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 144729
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 8.2 9.3 13.9#

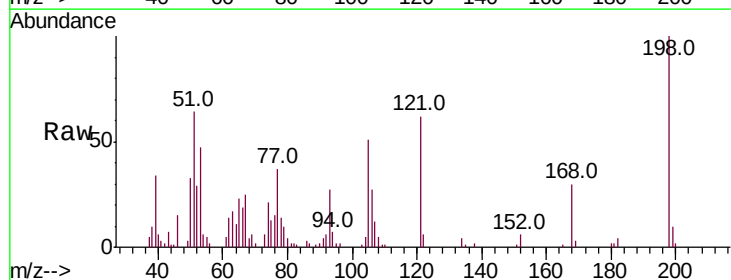


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

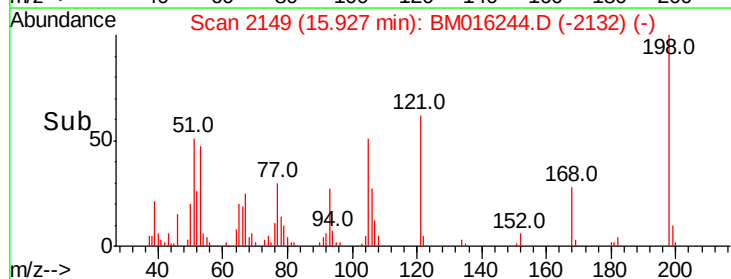
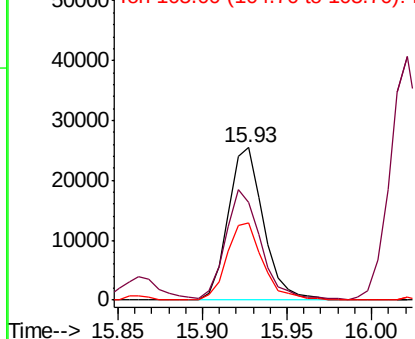


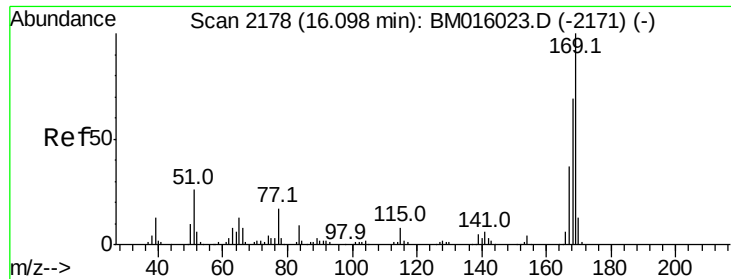
#64
4,6-Dinitro-2-methylphenol
Concen: 41.952 ng
RT: 15.93 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion:198 Resp: 36853
Ion Ratio Lower Upper
198 100
51 63.8 28.8 68.8
105 50.7 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

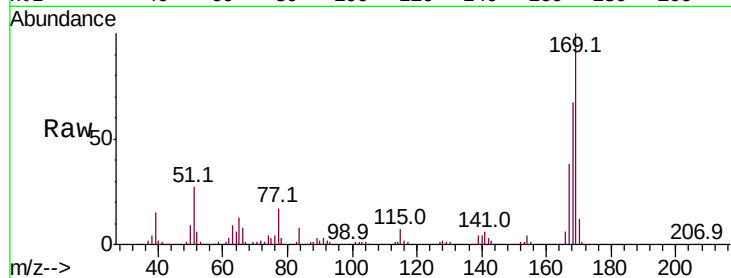




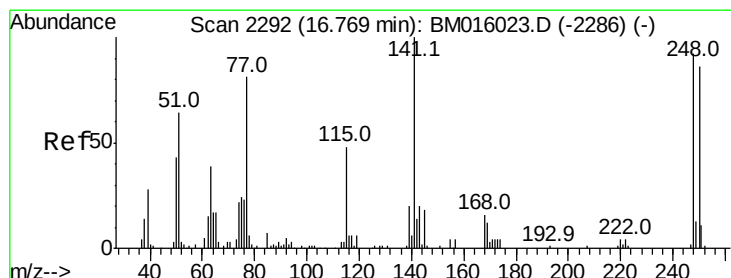
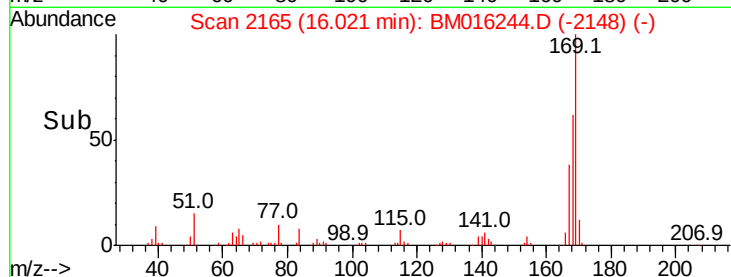
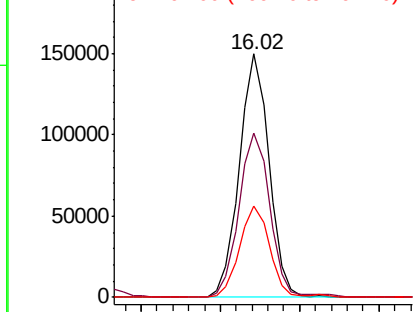
#65
n-Nitrosodiphenylamine
Concen: 40.877 ng
RT: 16.02 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:169 Resp: 194807
Ion Ratio Lower Upper
169 100
168 67.3 53.9 80.9
167 37.7 28.9 43.3

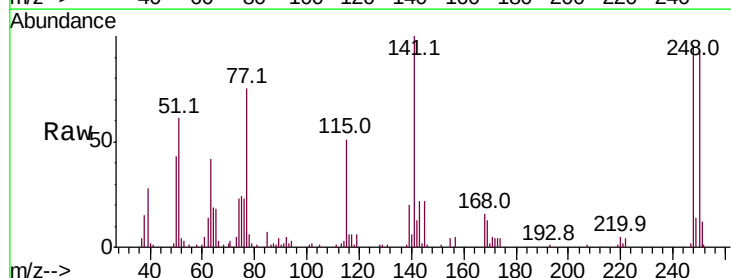


Abundance Ion 169.00 (168.70 to 169.70): E
200000 Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

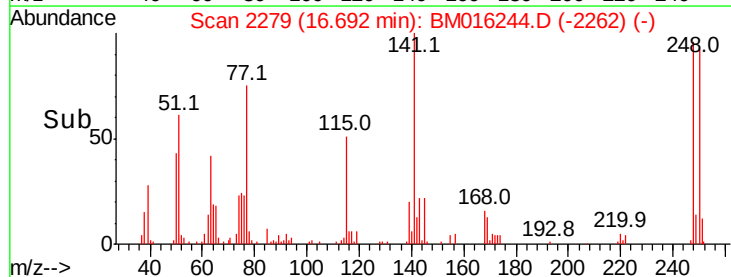
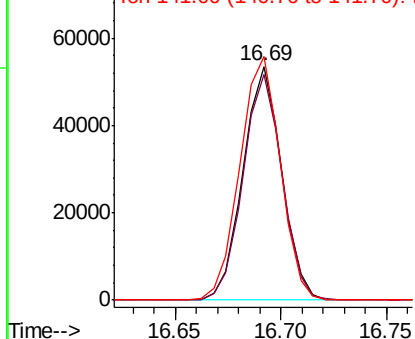


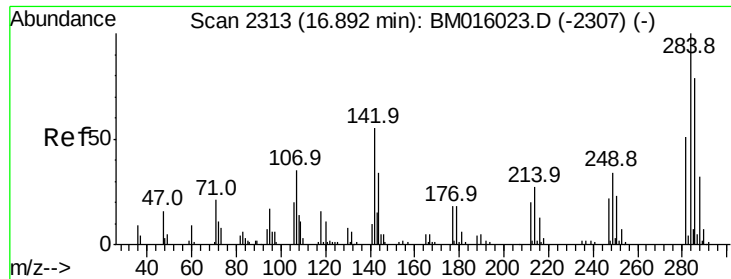
#66
4-Bromophenyl-phenylether
Concen: 41.390 ng
RT: 16.69 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion:248 Resp: 67831
Ion Ratio Lower Upper
248 100
250 96.4 77.4 116.0
141 104.3 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

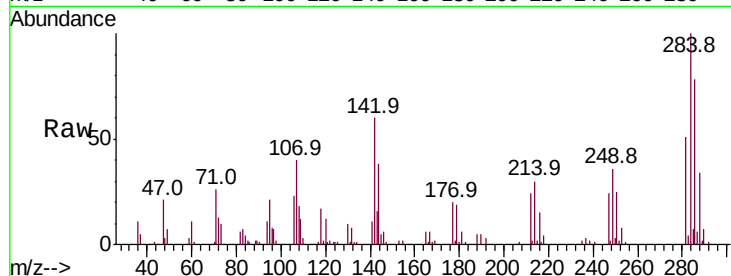




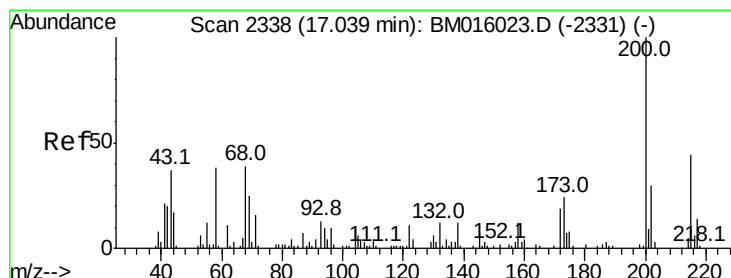
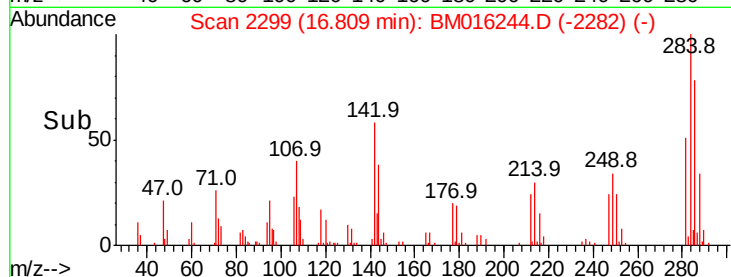
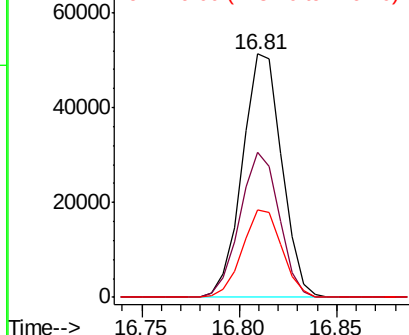
#67
Hexachlorobenzene
Concen: 39.841 ng
RT: 16.81 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	59.5	20.4	30.6#
249	35.8	23.8	35.6#

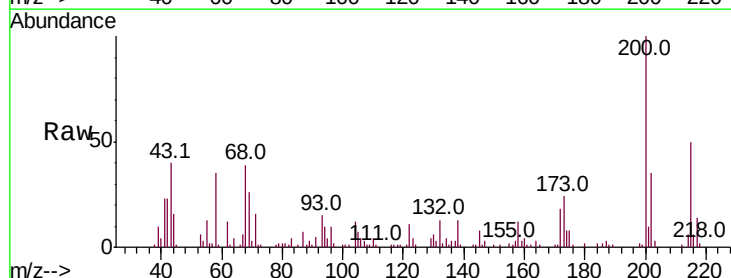


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

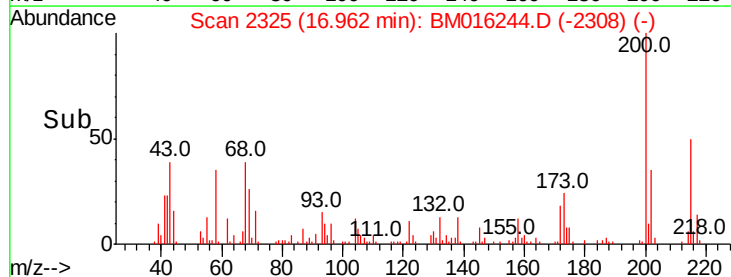
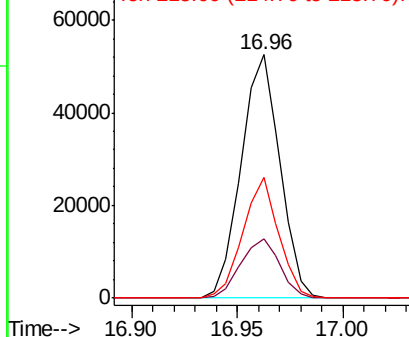


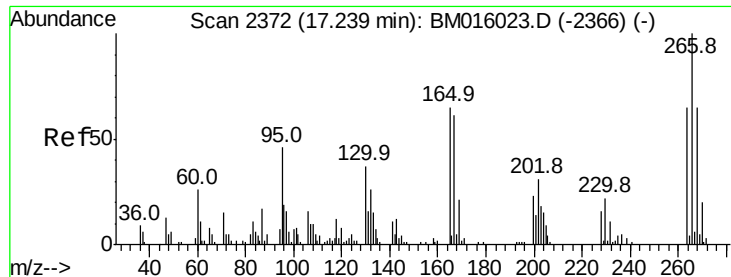
#68
Atrazine
Concen: 39.095 ng
RT: 16.96 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	4.8	44.8
215	49.6	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

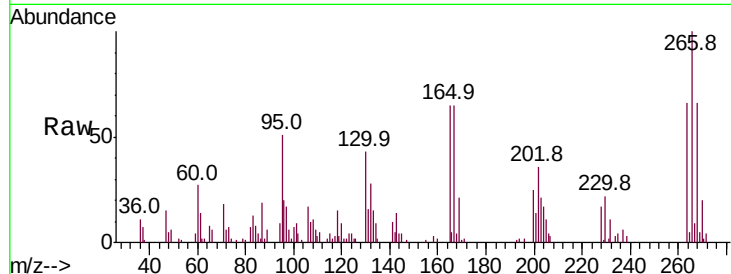




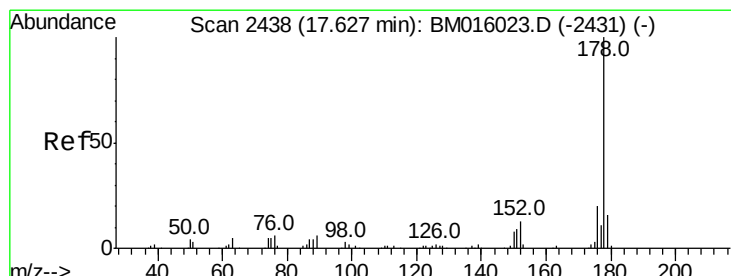
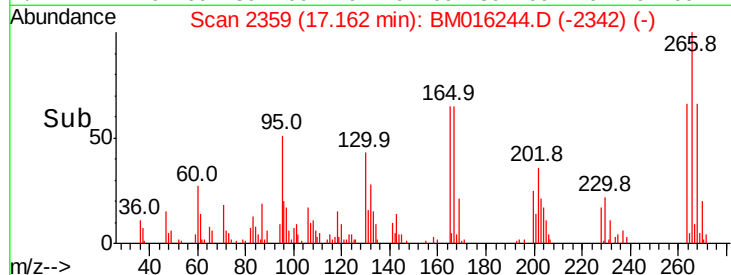
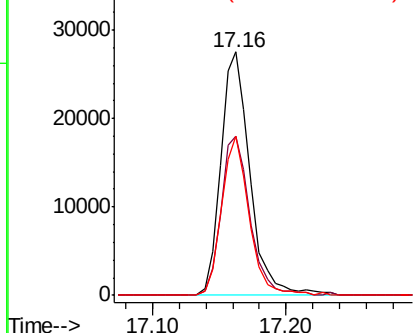
#69
 Pentachlorophenol
 Concen: 37.750 ng
 RT: 17.16 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	52.0	78.0
264	65.5	49.0	73.4

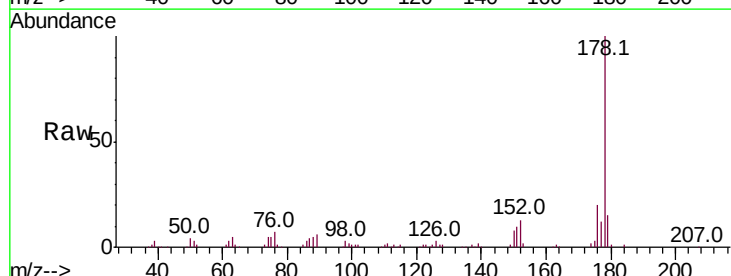


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

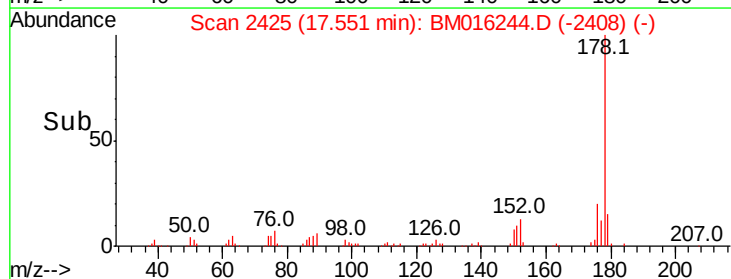
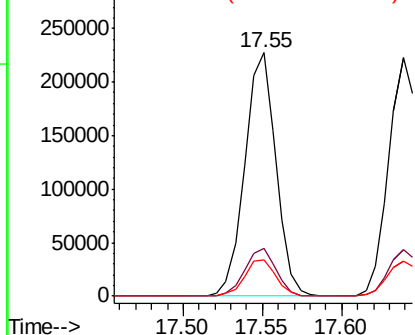


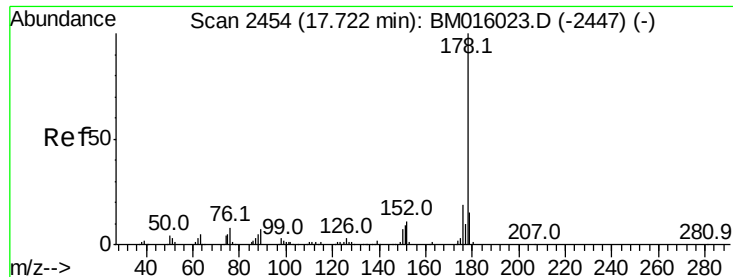
#70
 Phenanthrene
 Concen: 38.107 ng
 RT: 17.55 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.2	22.8
179	14.7	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

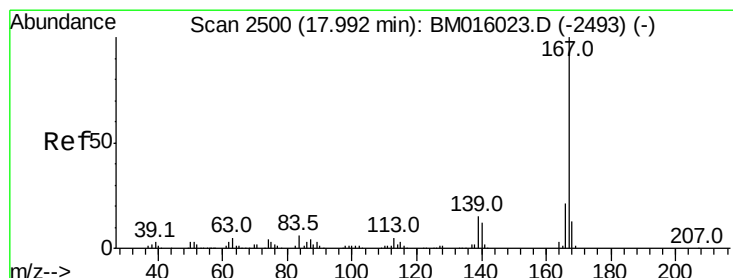
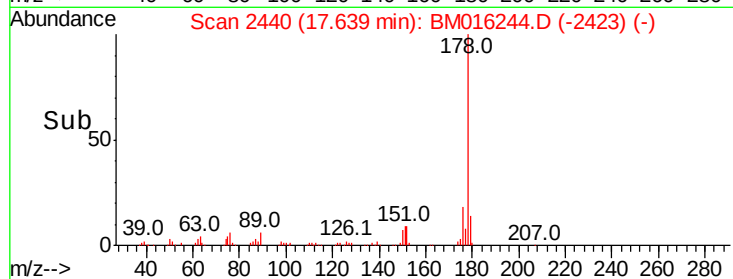
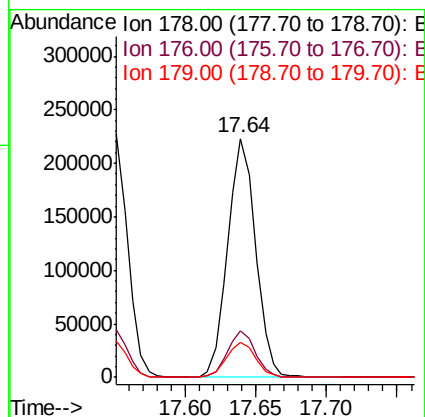
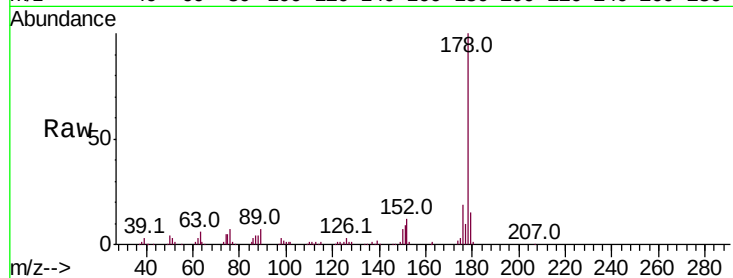




#71
 Anthracene
 Concen: 39.111 ng
 RT: 17.64 min Scan# 2440
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

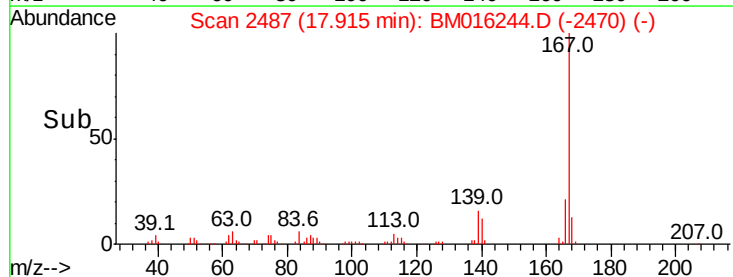
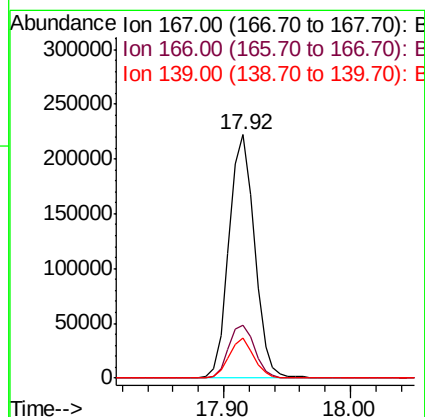
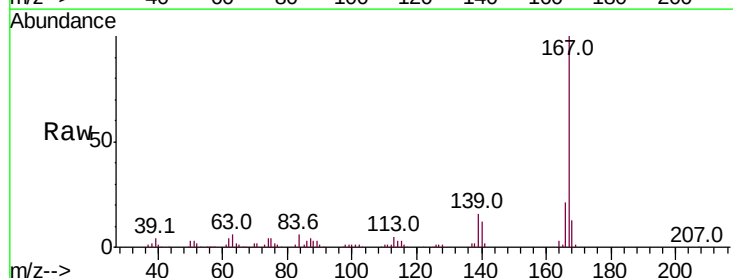
Instrument :
 BNA_M
 ClientSampleId :

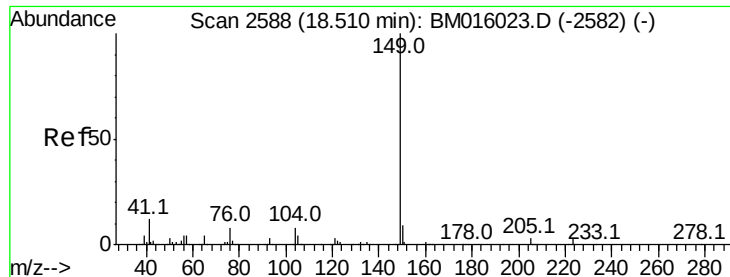
Tot Ion:178 Resp: 307999
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.6 22.0
 179 14.5 12.6 19.0



#72
 Carbazole
 Concen: 37.992 ng
 RT: 17.92 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion:167 Resp: 309951
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 16.3 10.8 16.2#

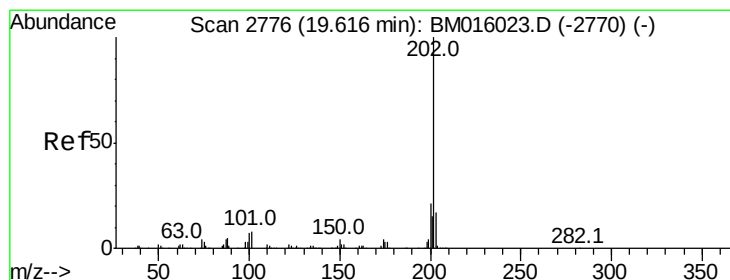
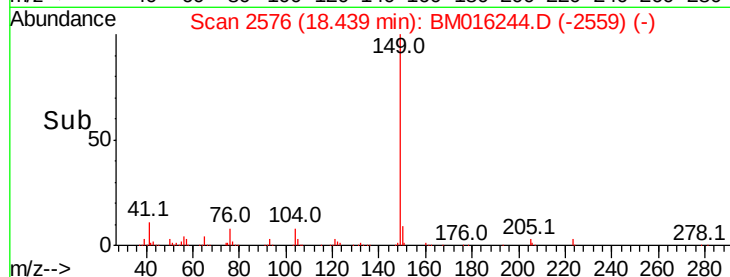
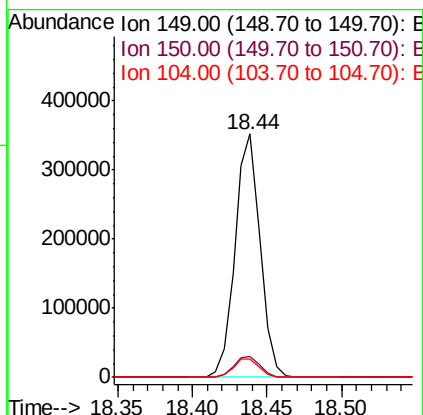
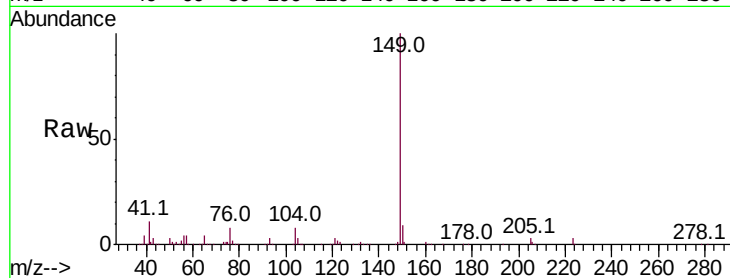




#73
Di-n-butylphthalate
Concen: 40.476 ng
RT: 18.44 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

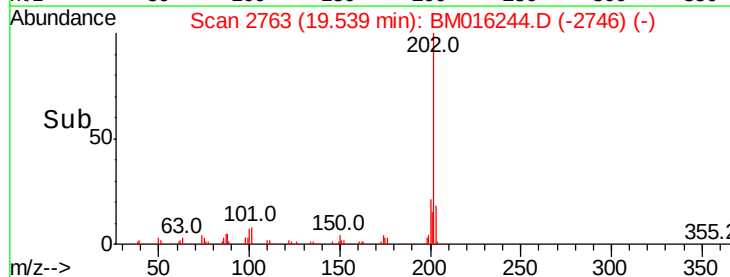
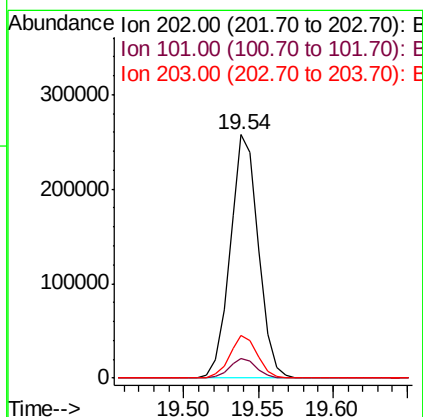
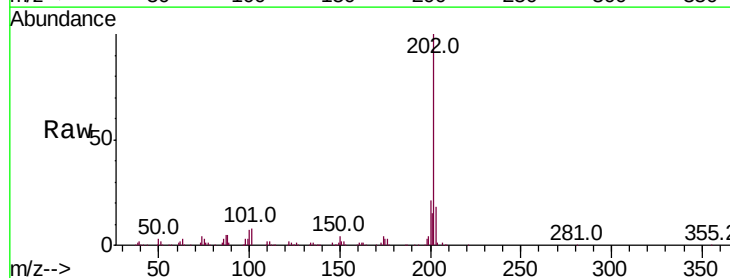
Instrument :
BNA_M
ClientSampleId :

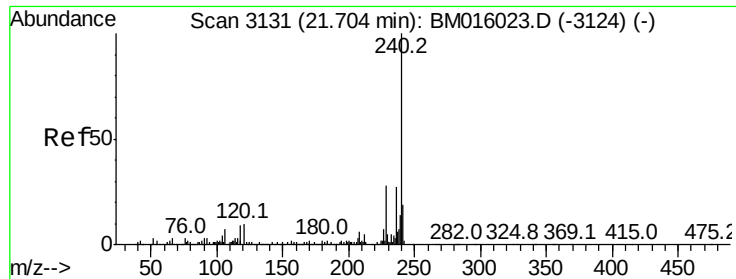
Tot Ion:149 Resp: 411476
Ion Ratio Lower Upper
149 100
150 8.7 7.5 11.3
104 7.7 3.7 5.5#



#74
Fluoranthene
Concen: 37.560 ng
RT: 19.54 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion:202 Resp: 339488
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.7
203 17.6 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :

BNA_M

ClientSampleId :

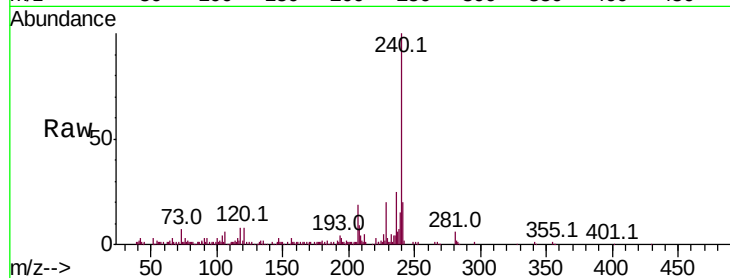
Tot Ion:240 Resp: 142156

Ion Ratio Lower Upper

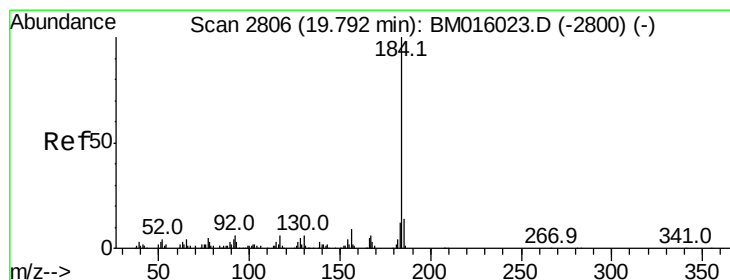
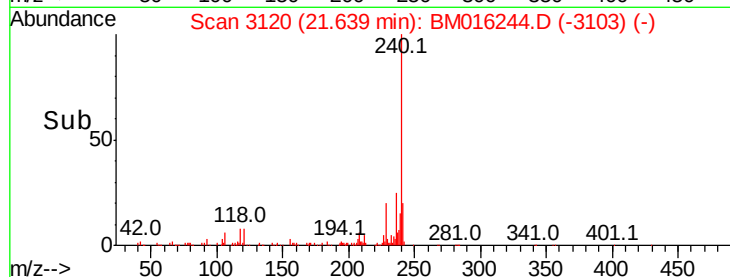
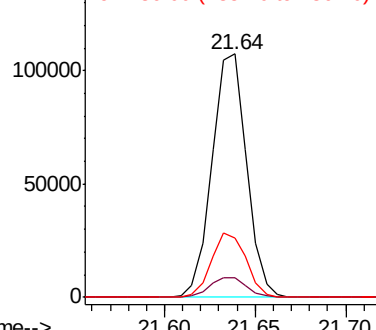
240 100

120 8.1 8.2 12.2#

236 24.5 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: 41.173 ng

RT: 19.73 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

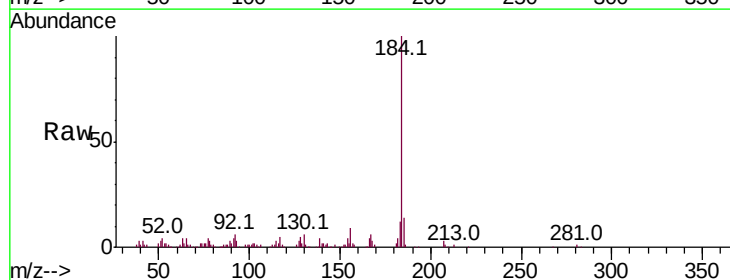
Tgt Ion:184 Resp: 163559

Ion Ratio Lower Upper

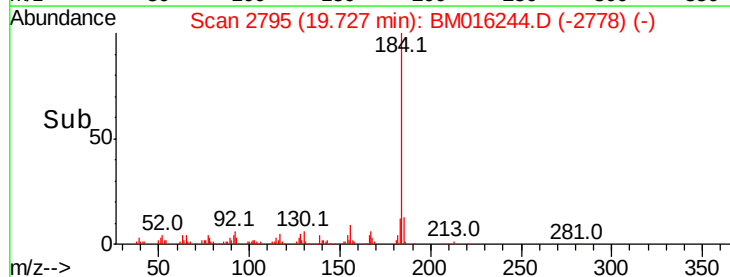
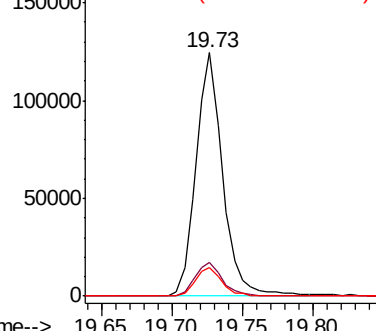
184 100

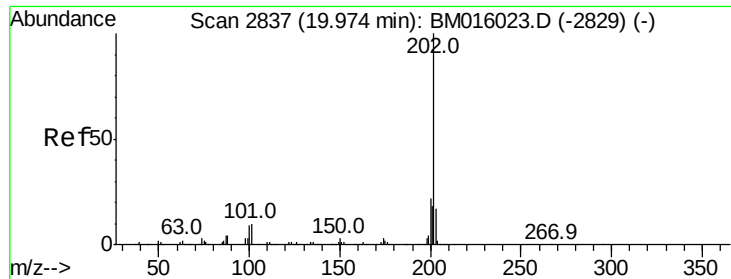
185 13.6 11.3 16.9

183 11.9 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

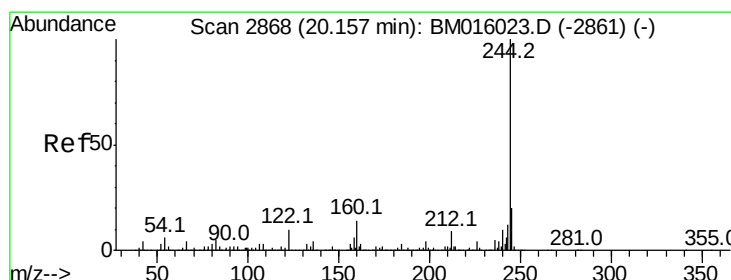
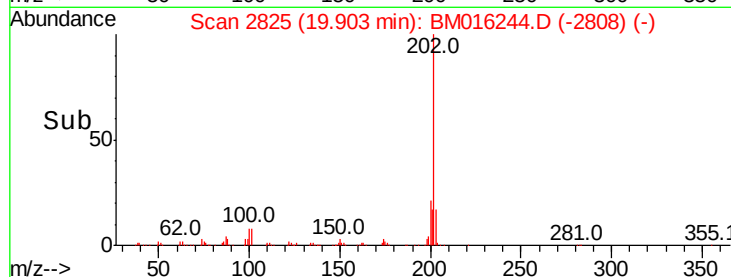
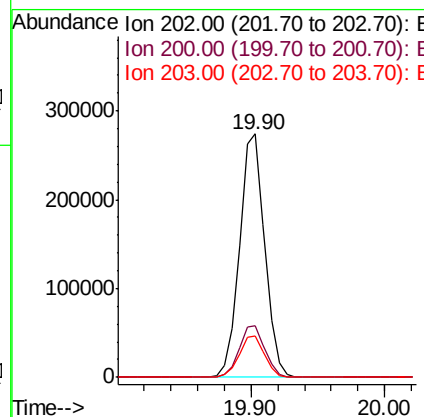
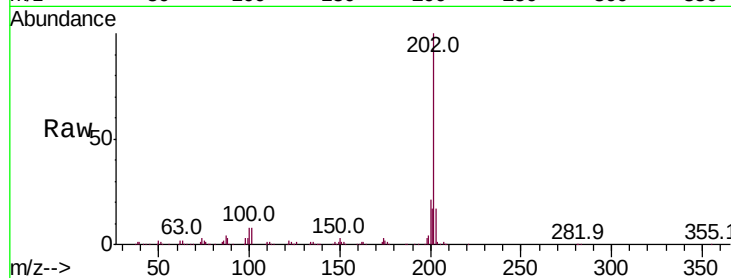




#77
 Pvrene
 Concen: 41.969 ng
 RT: 19.90 min Scan# 2825
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

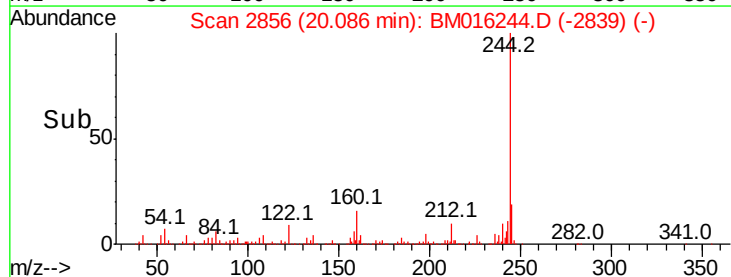
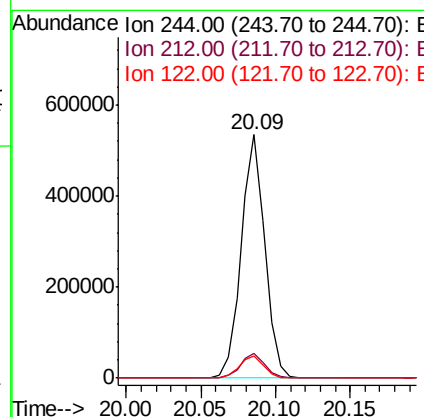
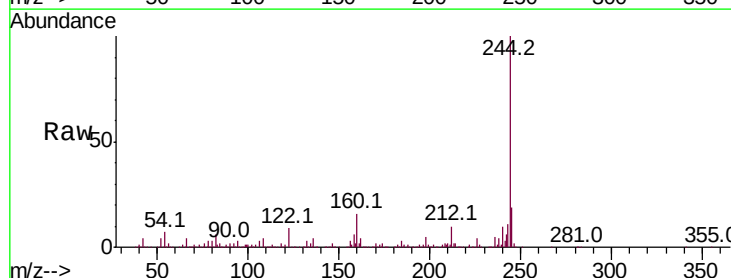
Instrument :
 BNA_M
 ClientSampleId :

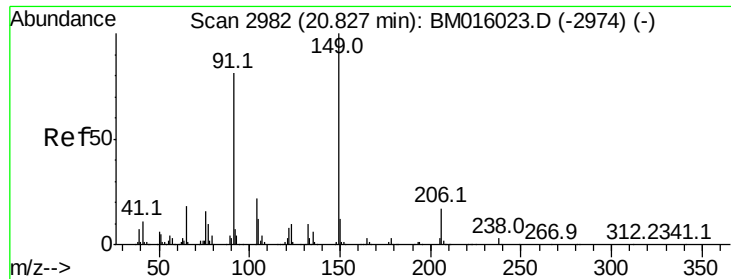
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	16.9	14.1	21.1



#78
 Terphenyl-d14
 Concen: 41.969 ng
 RT: 20.09 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.1	4.9	7.3#
122	8.9	6.2	9.4

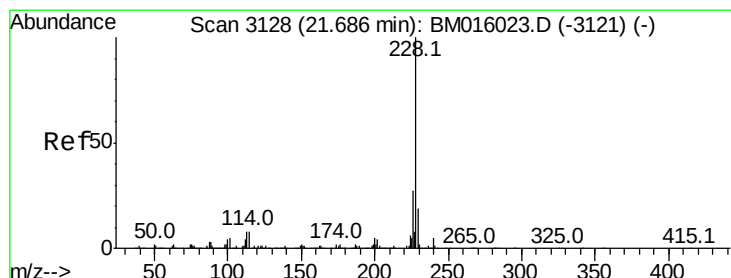
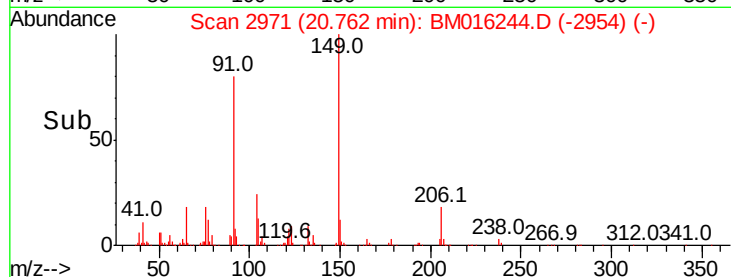
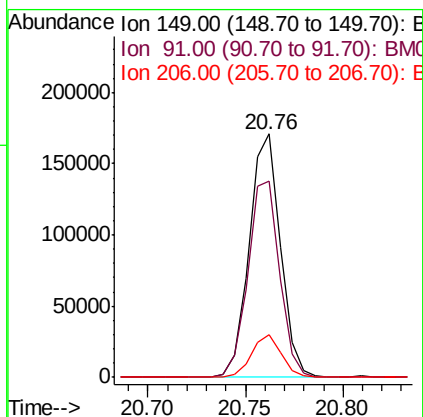
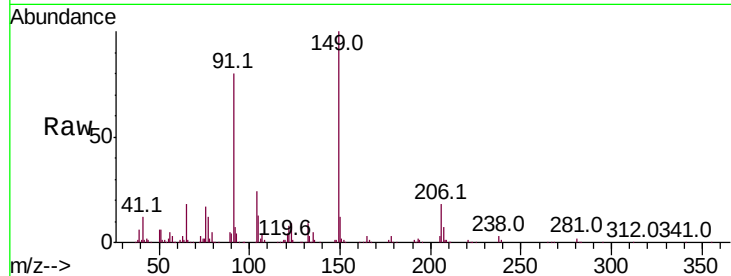




#79
Butylbenzylphthalate
Concen: 43.382 ng
RT: 20.76 min Scan# 2971
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

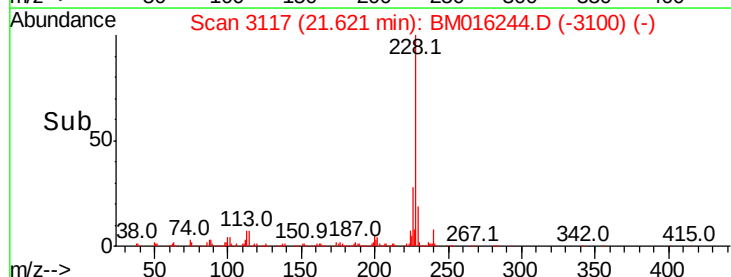
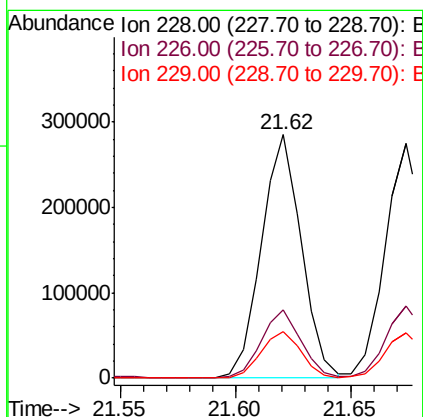
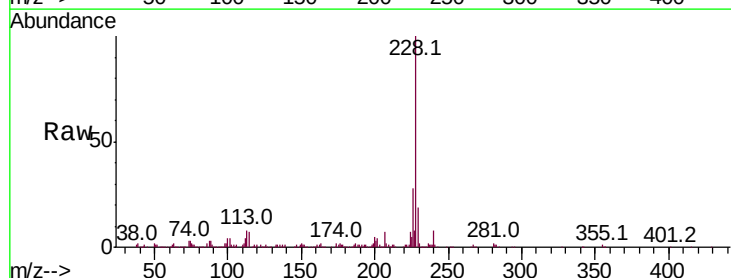
Instrument :
BNA_M
ClientSampleId :

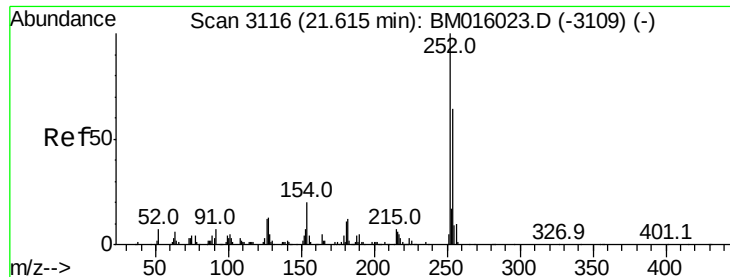
Tot Ion:149 Resp: 187743
Ion Ratio Lower Upper
149 100
91 80.5 50.1 75.1#
206 17.6 16.2 24.2



#80
Benzo(a)anthracene
Concen: 39.149 ng
RT: 21.62 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion:228 Resp: 342770
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 19.3 16.0 24.0

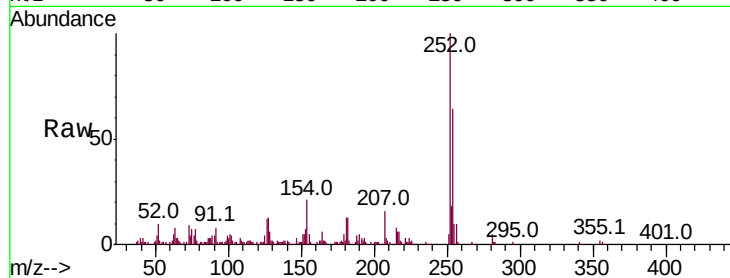




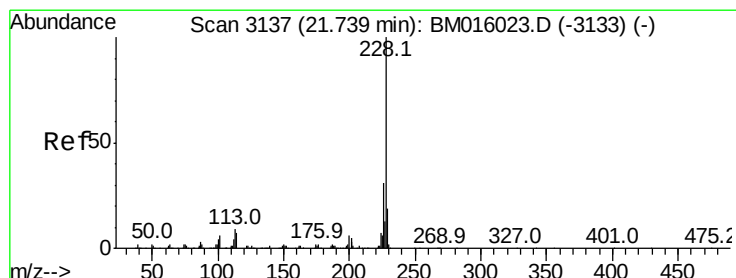
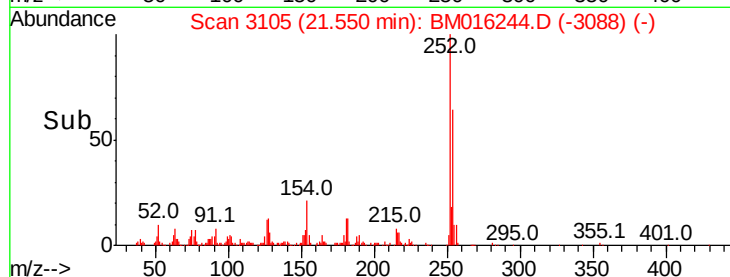
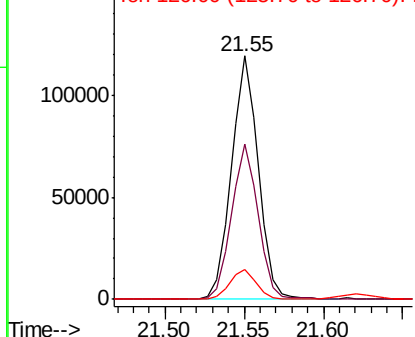
#81
 3,3'-Dichlorobenzidine
 Concen: 39.586 ng
 RT: 21.55 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.9	77.9
126	12.2	9.8	14.8

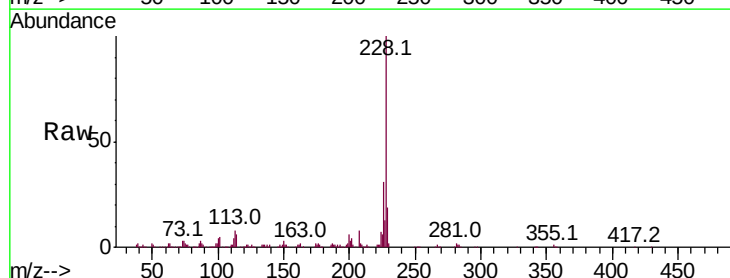


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

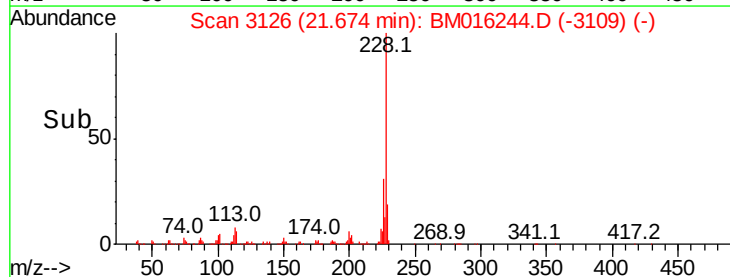
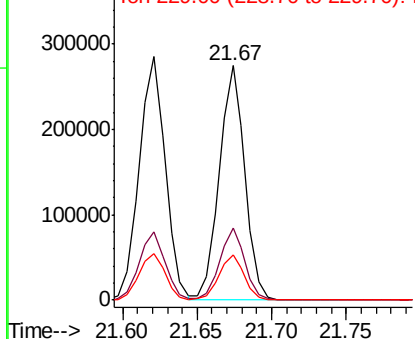


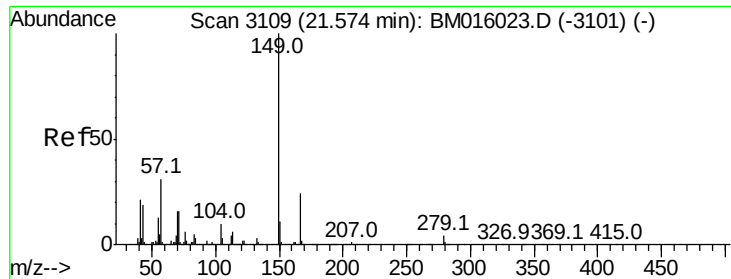
#82
 Chrysene
 Concen: 39.341 ng
 RT: 21.67 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	19.2	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

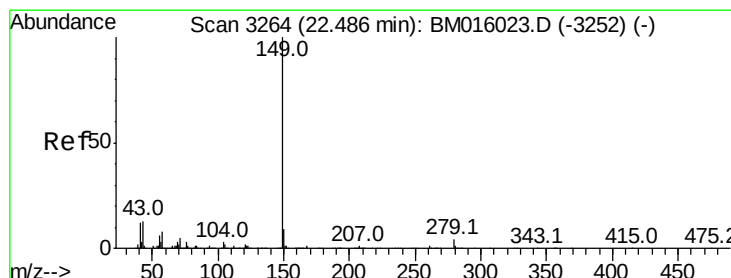
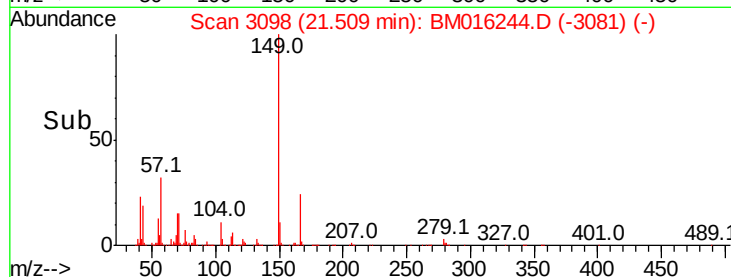
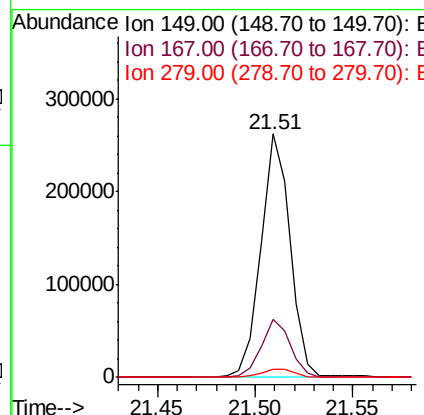
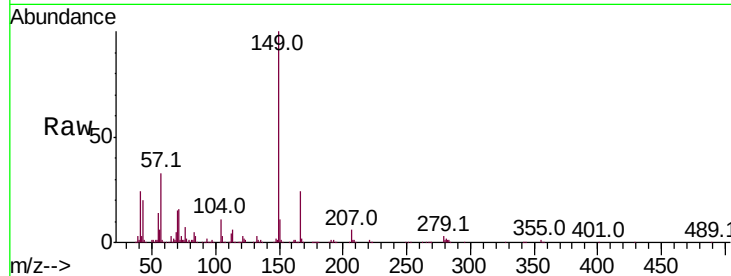




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.925 ng
 RT: 21.51 min Scan# 3098
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

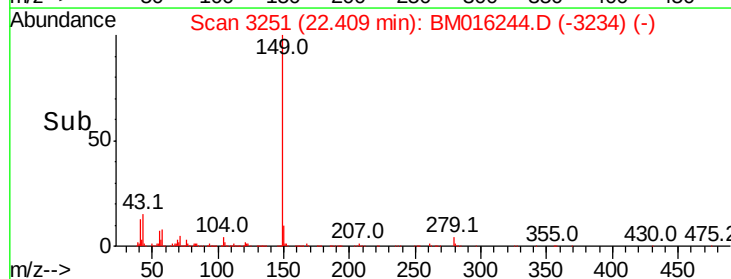
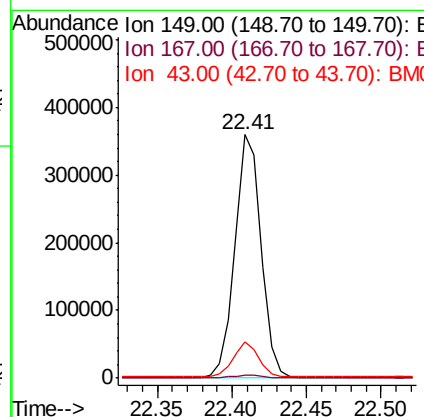
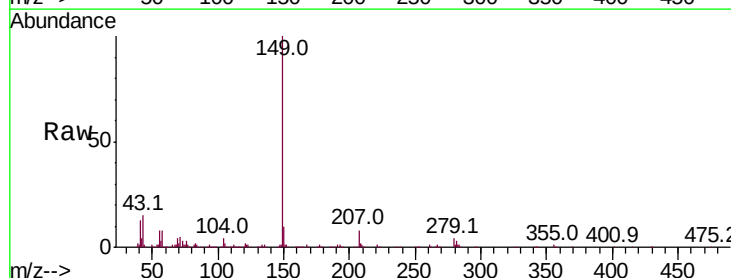
Instrument :
 BNA_M
 ClientSampleId :

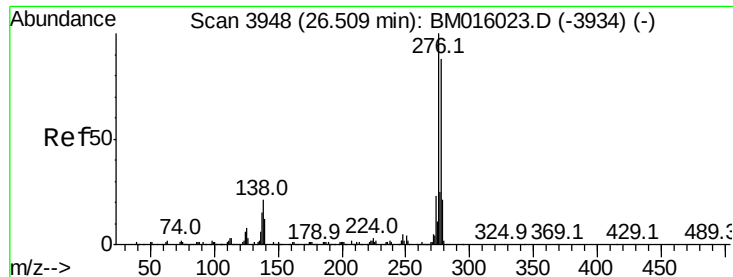
Tot Ion	Ratio	Lower	Upper
149	100		
167	24.1	22.4	33.6
279	3.4	3.4	5.0



#84
 Di-n-octyl phthalate
 Concen: 41.889 ng
 RT: 22.41 min Scan# 3251
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.0	7.3	10.9

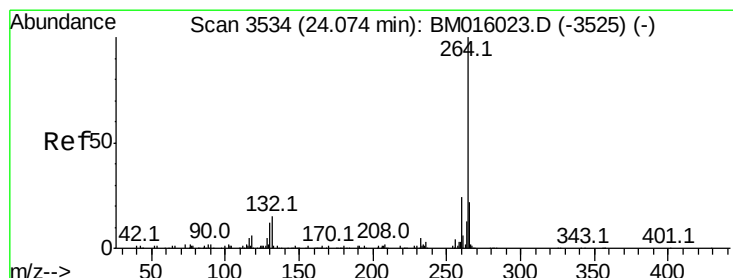
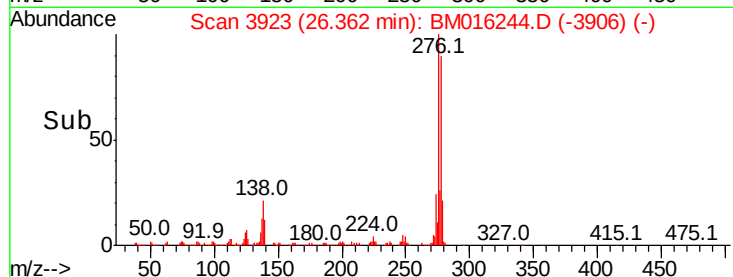
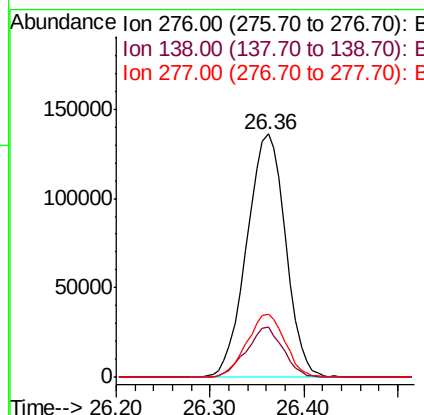
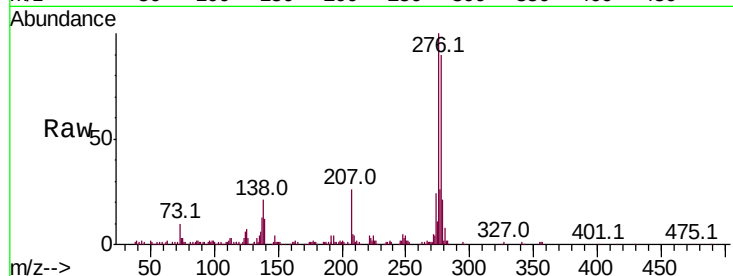




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.986 ng
 RT: 26.36 min Scan# 3923
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

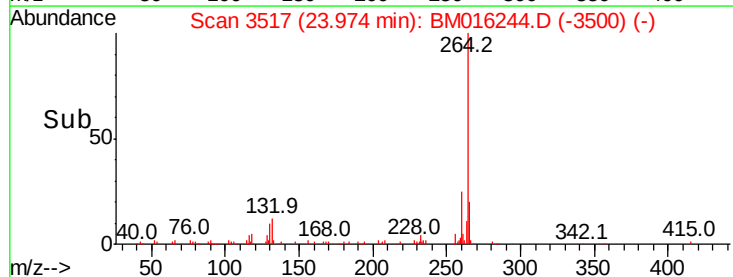
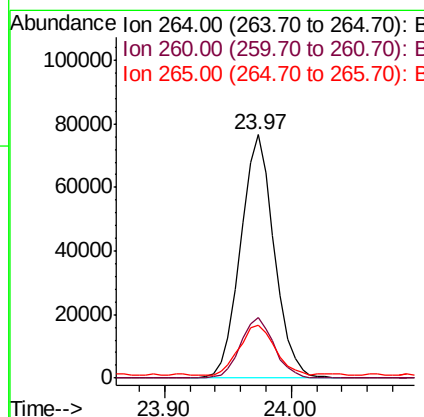
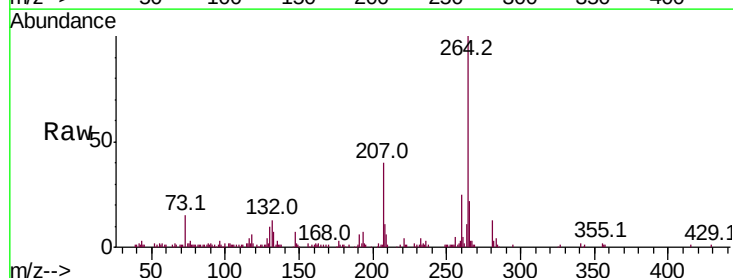
Instrument :
 BNA_M
 ClientSampleId :

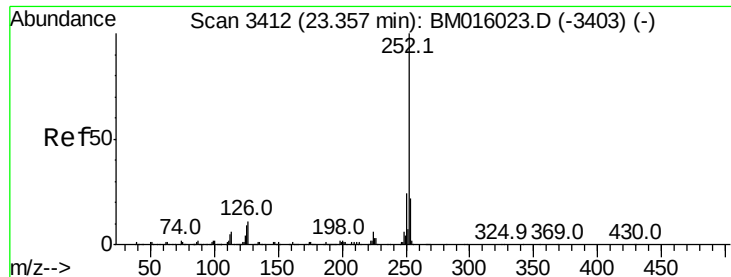
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	12.0	18.0#
277	25.6	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.97 min Scan# 3517
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 40.109 ng

RT: 23.27 min Scan# 3397

Delta R.T. 0.00 min

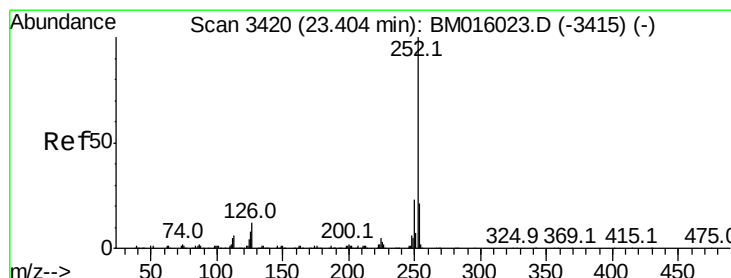
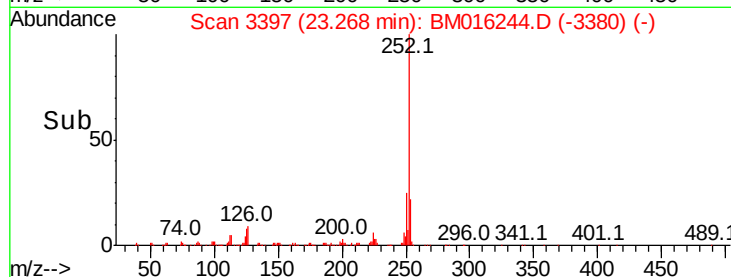
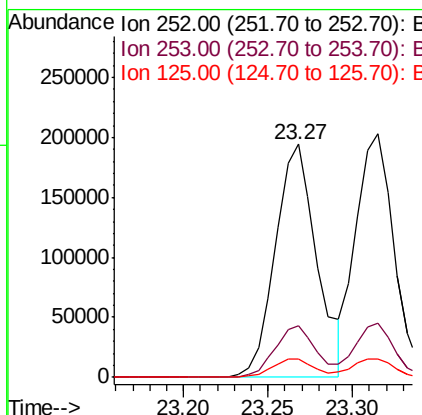
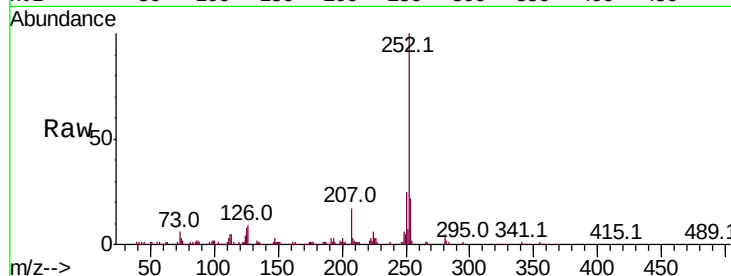
Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 331998

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	7.7	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 37.625 ng

RT: 23.31 min Scan# 3405

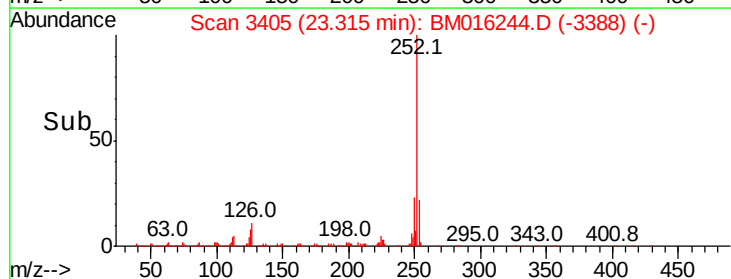
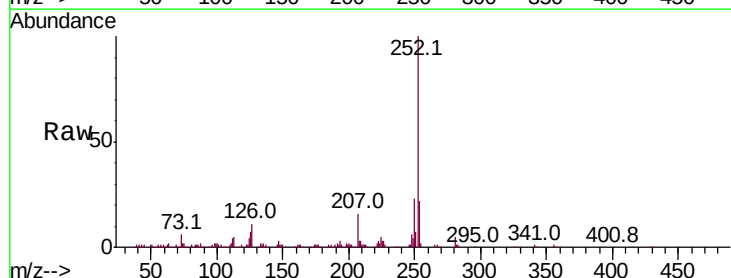
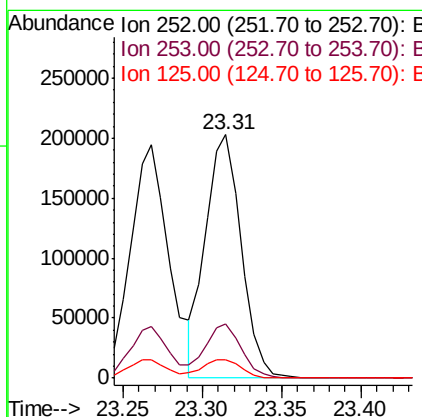
Delta R.T. 0.00 min

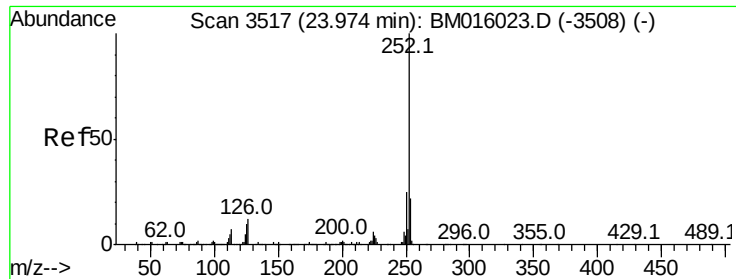
Lab File: BM016244.D

Acq: 08 Aug 2018 11:33

Tgt Ion:252 Resp: 315626

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	7.5	8.1	12.1#

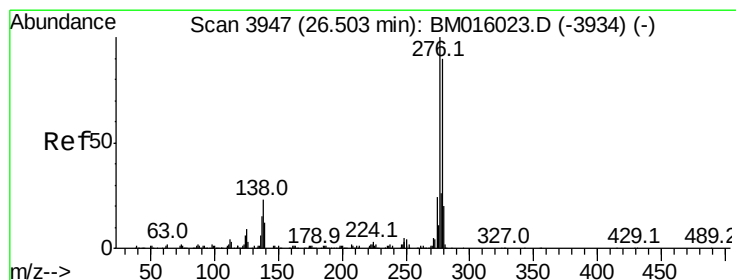
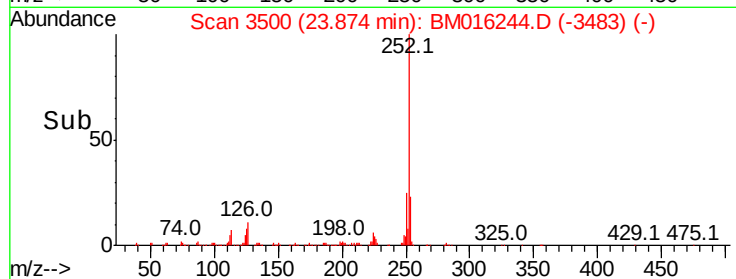
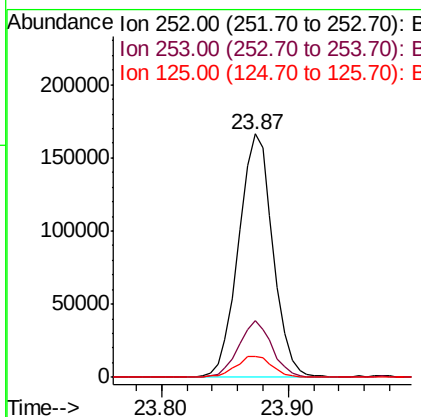
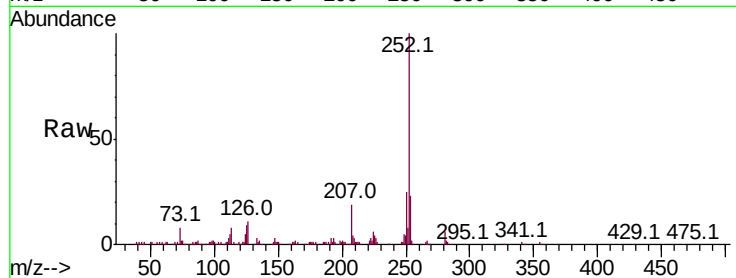




#89
Benzo(a)pyrene
Concen: 39.148 ng
RT: 23.87 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

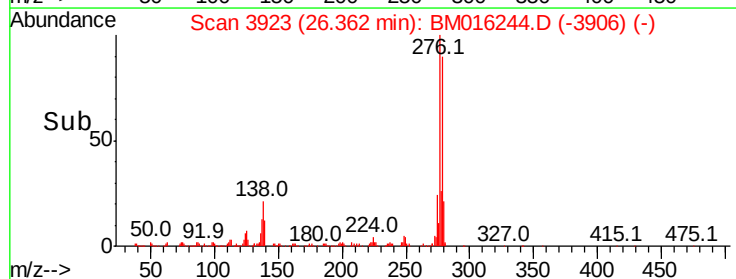
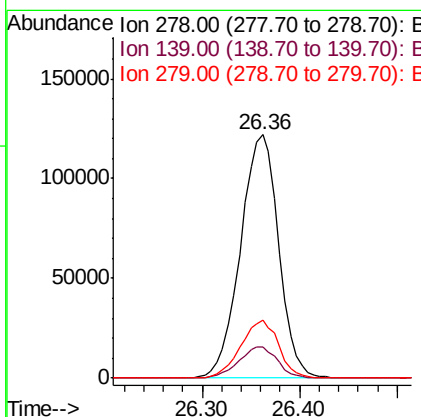
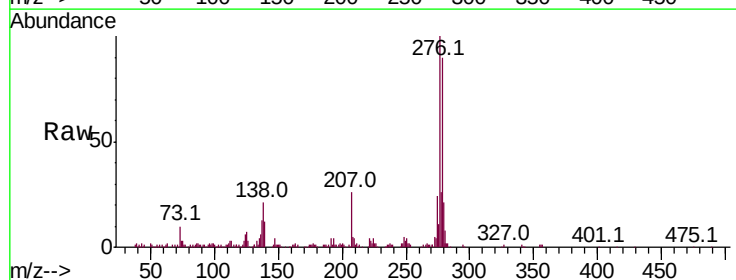
Instrument :
BNA_M
ClientSampled :

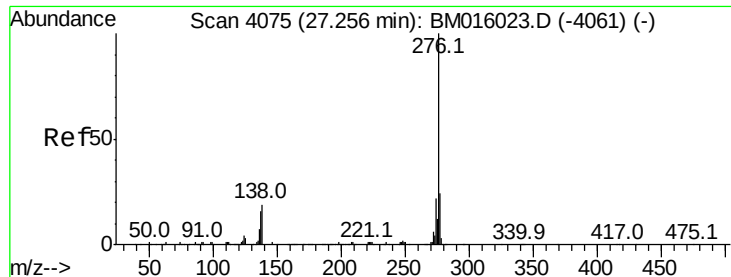
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	8.5	7.4	11.2



#90
Dibenzo(a,h)anthracene
Concen: 40.324 ng
RT: 26.36 min Scan# 3923
Delta R.T. 0.00 min
Lab File: BM016244.D
Acq: 08 Aug 2018 11:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	13.4	20.0#
279	23.9	19.0	28.4

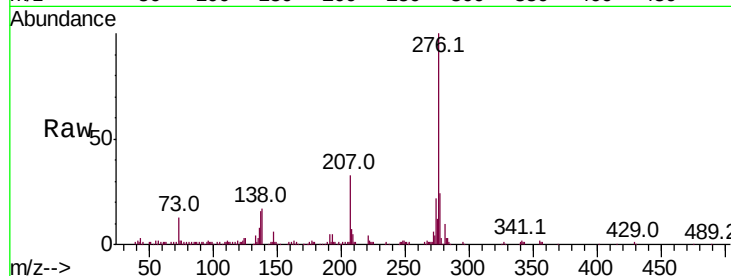




#91
 Benzo(a,h,i)perylene
 Concen: 39.982 ng
 RT: 27.10 min Scan# 4048
 Delta R.T. 0.00 min
 Lab File: BM016244.D
 Acq: 08 Aug 2018 11:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	17.0	19.0	28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

