

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
 Data File : BM014394.D
 Acq On : 27 Feb 2018 22:02
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 28 00:48:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 00:45:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	96348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	409910	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	228487	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	506587	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	475729	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	470533	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	15699	6.97	ng/uL	0.00
5) Phenol-d5	6.72	99	151609	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	95372	19.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	126769	20.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	124873	17.53	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	61588	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	67581	21.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	124219	19.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	138110	21.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	361762	19.17	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	474968	20.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	45701	17.54	ng/ul	0.01
57) Fluorene-d10	15.18	176	305293	18.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	33857	11.14	ng/ul	0.00
70) Anthracene-d10	17.04	188	471210	19.28	ng/ul	0.00
76) Pyrene-d10	19.35	212	507475	20.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	439683	19.20	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.13	88	16129	6.450	ng/uL# 73
4) Benzaldehyde	6.69	77	68246	20.556	ng/ul 95
6) Phenol	6.75	94	155706	18.222	ng/ul 90
8) Bis(2-Chloroethyl)ether	6.96	93	119027	19.198	ng/ul 94
10) 2-Chlorophenol	7.09	128	128626	20.176	ng/ul 100
11) 2-Methylphenol	7.98	108	119565	18.294	ng/ul 91
12) 2,2'-oxybis(1-Chloropropan	8.04	45	80148	12.810	ng/ul# 78
14) Acetophenone	8.35	105	198307	16.132	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.33	70	107262	17.412	ng/ul# 73
16) 4-Methylphenol	8.31	108	124865	17.532	ng/ul 90
17) Hexachloroethane	8.57	117	58007	17.466	ng/ul# 64
20) Nitrobenzene	8.72	77	170992	19.087	ng/ul 98
21) Isophorone	9.24	82	286322	18.684	ng/ul 99
23) 2-Nitrophenol	9.43	139	68459	20.160	ng/ul 90
24) 2,4-Dimethylphenol	9.49	107	153989	18.497	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.72	93	158784	19.671	ng/ul 94
27) 2,4-Dichlorophenol	9.96	162	121435	19.709	ng/ul# 90
28) Naphthalene	10.34	128	396281	18.823	ng/ul 100
30) 4-Chloroaniline	10.47	127	144411	22.133	ng/ul 96
31) Hexachlorobutadiene	10.61	225	90984	18.612	ng/ul 94
32) Caprolactam	11.27	113	26036	13.193	ng/ul# 43
33) 4-Chloro-3-methylphenol	11.62	107	134126	18.015	ng/ul 99
34) 2-Methylnaphthalene	11.97	142	281466	17.565	ng/ul 87

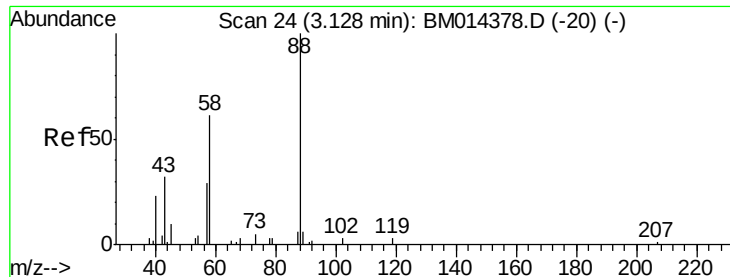
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	151588	20.668	ng/ul#	97
37) Hexachlorocyclopentadiene	12.31	237	15231	3.816	ng/ul#	84
38) 2,4,6-Trichlorophenol	12.60	196	96607	21.112	ng/ul	93
39) 2,4,5-Trichlorophenol	12.60	196	96607	20.659	ng/ul	94
40) 1,1'-Biphenyl	13.00	154	367423	20.875	ng/ul#	96
41) 2-Chloronaphthalene	13.04	162	293692	20.888	ng/ul	92
42) 2-Nitroaniline	13.27	65	96004	20.180	ng/ul	96
44) Dimethylphthalate	13.65	163	363879	19.557	ng/ul	97
45) 2,6-Dinitrotoluene	13.78	165	75190	21.270	ng/ul#	82
47) Acenaphthylene	13.90	152	458739	20.860	ng/ul	96
48) 3-Nitroaniline	14.12	138	69815	23.302	ng/ul	92
49) Acenaphthene	14.24	153	310266	20.036	ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	17083	8.985	ng/ul#	66
52) 4-Nitrophenol	14.46	109	57766	16.913	ng/ul#	70
53) Dibenzofuran	14.59	168	439502	18.928	ng/ul	98
54) 2,4-Dinitrotoluene	14.59	165	109821	19.390	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.83	232	84016	17.766	ng/ul#	75
56) Diethylphthalate	15.02	149	371503	17.918	ng/ul	94
58) Fluorene	15.24	166	358240	17.871	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.23	204	187686	17.901	ng/ul	91
60) 4-Nitroaniline	15.29	138	64997	19.344	ng/ul#	69
63) 4,6-Dinitro-2-methylphenol	15.36	198	37135	12.006	ng/ul#	84
64) N-Nitrosodiphenylamine	15.46	169	303771	20.867	ng/ul	98
65) 4-Bromophenyl-phenylether	16.13	248	107676	19.048	ng/ul#	85
66) Hexachlorobenzene	16.24	284	112459	18.918	ng/ul#	78
67) Atrazine	16.43	200	106655	18.551	ng/ul	93
68) Pentachlorophenol	16.60	266	54801	17.593	ng/ul	87
69) Phenanthrene	16.98	178	559003	19.152	ng/ul	98
71) Anthracene	17.07	178	559914	19.075	ng/ul	99
72) Carbazole	17.36	167	477269	19.337	ng/ul	97
73) Di-n-butylphthalate	17.92	149	617310	19.386	ng/ul	98
74) Fluoranthene	19.01	202	636059	18.240	ng/ul#	91
77) Pyrene	19.38	202	645256	20.409	ng/ul#	96
78) Butylbenzylphthalate	20.29	149	276661	21.164	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.08	252	149538	17.879	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	584701	19.693	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	375238	20.043	ng/ul#	95
82) Chrysene	21.19	228	529356	19.112	ng/ul	99
84) Di-n-octyl phthalate	21.93	149	629127	15.581	ng/ul#	92
85) Benzo(b)fluoranthene	22.68	252	563244	17.877	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	527822	17.621	ng/ul#	99
88) Benzo(a)pyrene	23.24	252	532929	18.929	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	624281	22.851	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.50	278	525913	23.167	ng/ul#	97
91) Benzo(g,h,i)perylene	26.15	276	518833	23.443	ng/ul	98

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



#2

1,4-Dioxane

Concen: 6.450 ng/uL

RT: 3.13 min Scan# 25

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

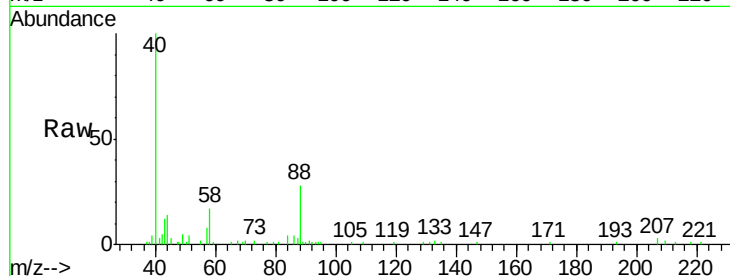
Tot Ion: 88 Resp: 16129

Ion Ratio Lower Upper

88 100

43 43.8 48.0 72.0#

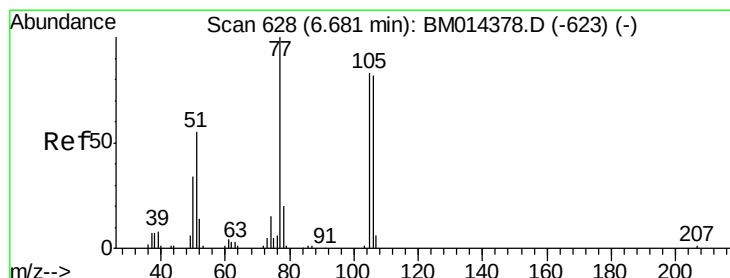
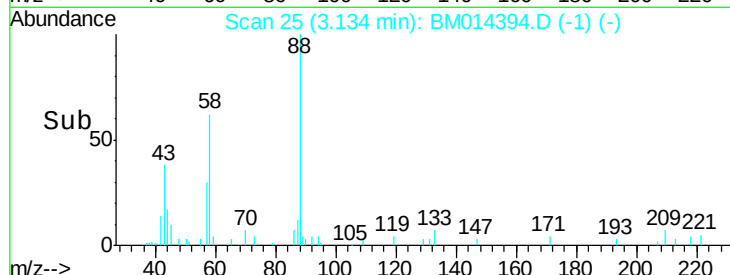
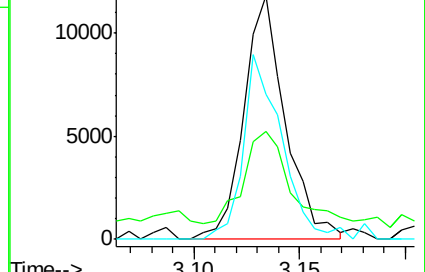
58 68.9 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014378.D (-20) (-)

Ion 43.00 (42.70 to 43.70): BM014378.D (-20) (-)

Ion 58.00 (57.70 to 58.70): BM014378.D (-20) (-)



#4

Benzaldehyde

Concen: 20.556 ng/uL

RT: 6.69 min Scan# 629

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

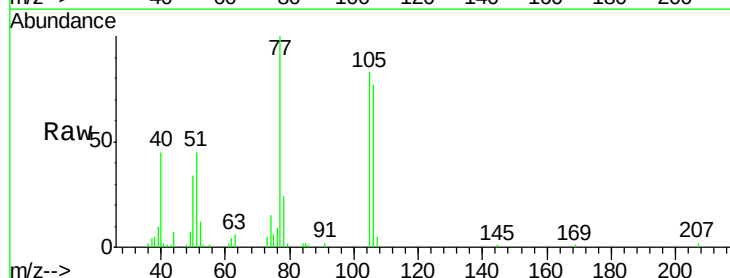
Tgt Ion: 77 Resp: 68246

Ion Ratio Lower Upper

77 100

105 83.3 66.1 99.1

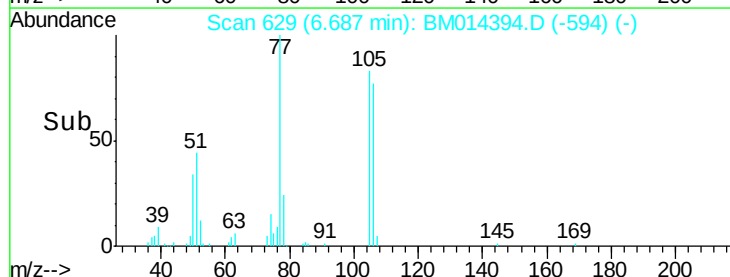
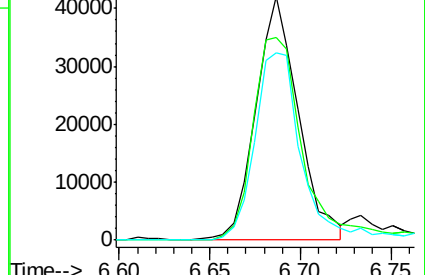
106 77.1 67.8 101.6

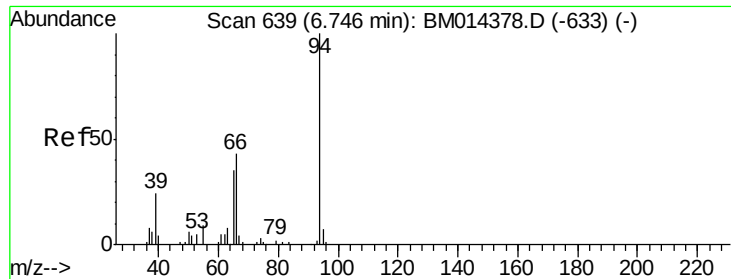


Abundance Ion 77.00 (76.70 to 77.70): BM014378.D (-623) (-)

Ion 105.00 (104.70 to 105.70): BM014378.D (-623) (-)

Ion 106.00 (105.70 to 106.70): BM014378.D (-623) (-)





#6

Phenol

Concen: 18.222 ng/ul

RT: 6.75 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

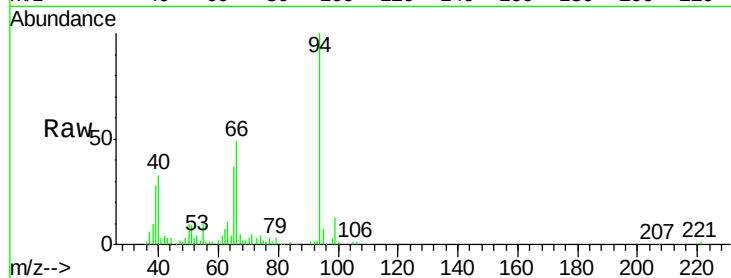
Tot Ion: 94 Resp: 155706

Ion Ratio Lower Upper

94 100

65 36.8 28.2 42.4

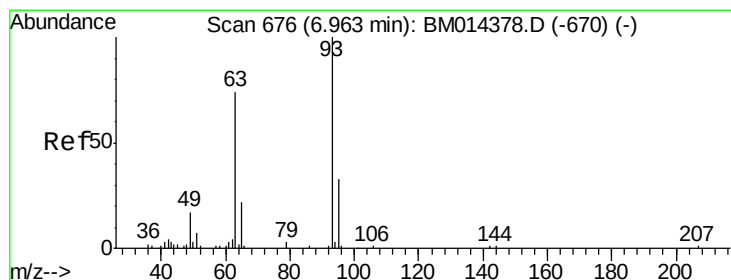
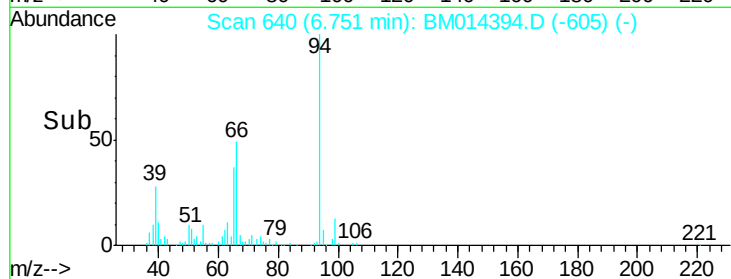
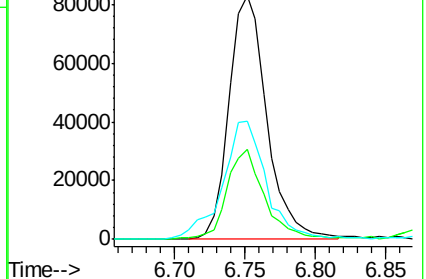
66 48.6 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM014378.D (-633) (-)

Ion 65.00 (64.70 to 65.70): BM014378.D (-633) (-)

Ion 66.00 (65.70 to 66.70): BM014378.D (-633) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.198 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

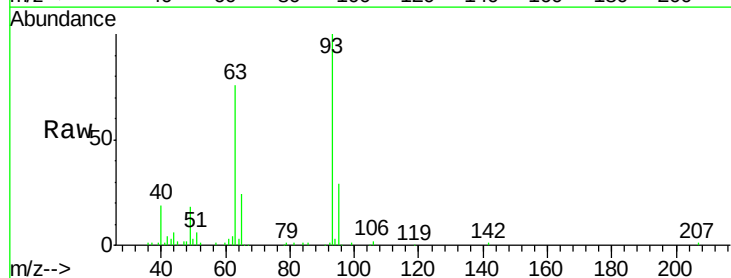
Tgt Ion: 93 Resp: 119027

Ion Ratio Lower Upper

93 100

63 76.2 57.3 85.9

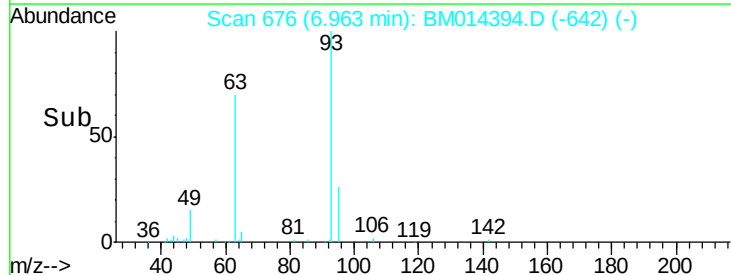
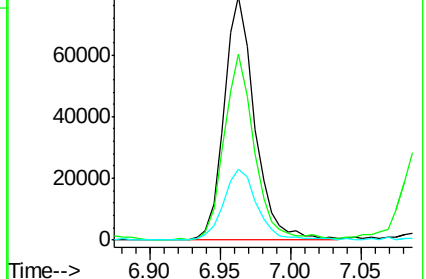
95 29.1 26.6 39.8

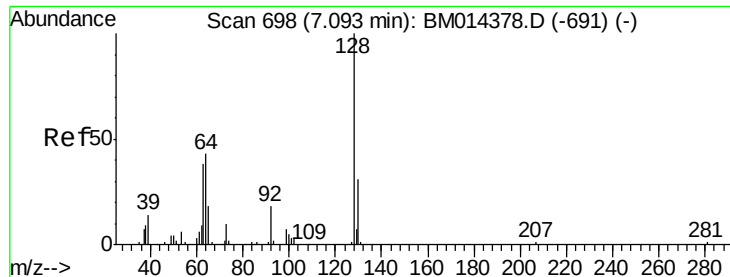


Abundance Ion 93.00 (92.70 to 93.70): BM014378.D (-670) (-)

Ion 63.00 (62.70 to 63.70): BM014378.D (-670) (-)

Ion 95.00 (94.70 to 95.70): BM014378.D (-670) (-)

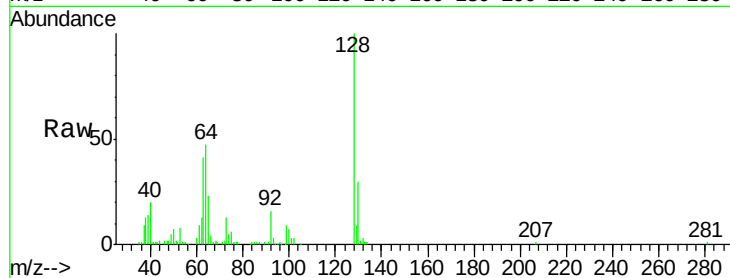




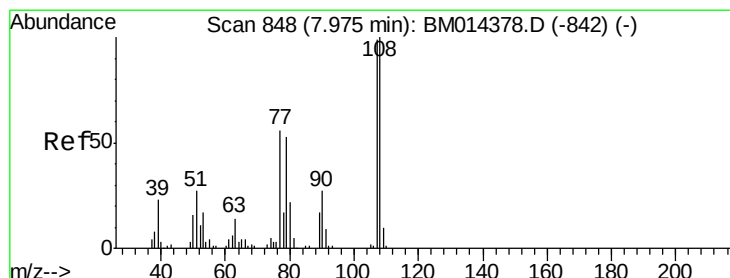
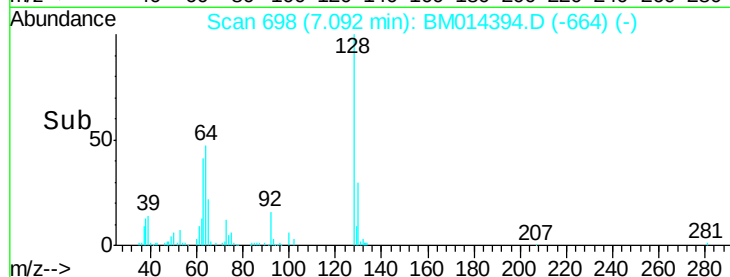
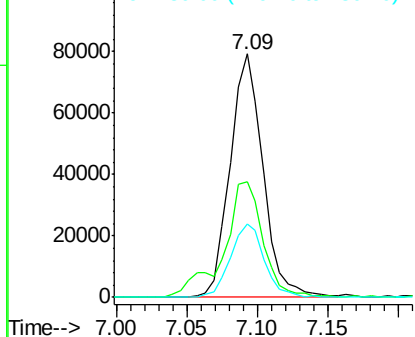
#10
2-Chlorophenol
Concen: 20.176 ng/ul
RT: 7.09 min Scan# 698
Delta R.T. -0.00 min
Lab File: BM014394.D
Acq: 27 Feb 2018 22:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 128626
Ion Ratio Lower Upper
128 100
64 47.5 38.0 57.0
130 30.0 24.4 36.6

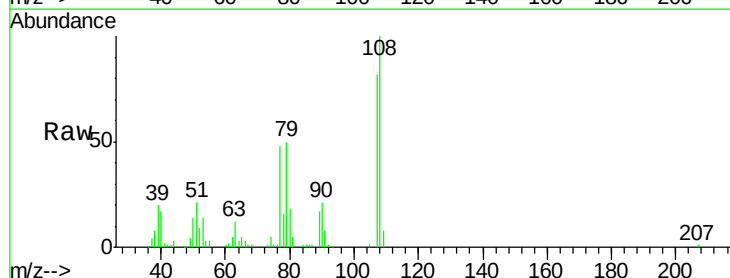


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

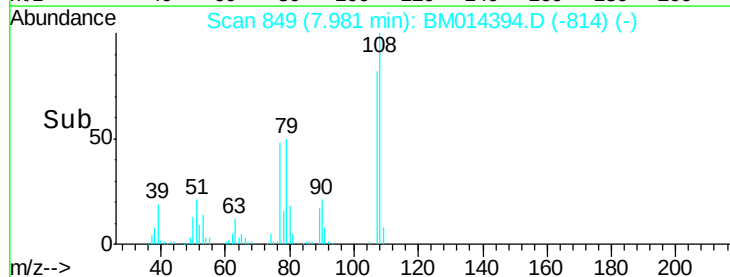
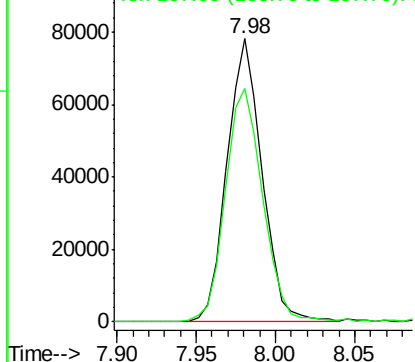


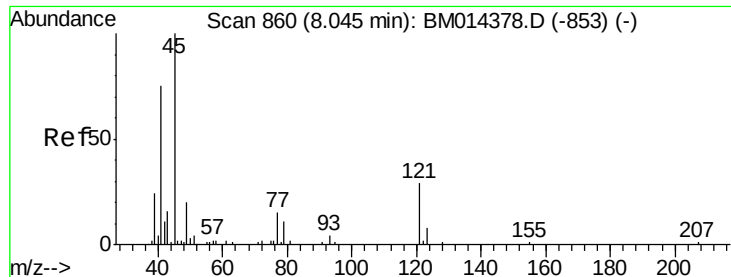
#11
2-Methylphenol
Concen: 18.294 ng/ul
RT: 7.98 min Scan# 849
Delta R.T. 0.01 min
Lab File: BM014394.D
Acq: 27 Feb 2018 22:02

Tgt Ion:108 Resp: 119565
Ion Ratio Lower Upper
108 100
107 82.5 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxybis(1-Chloropropane)

Concen: 12.810 ng/ul

RT: 8.04 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

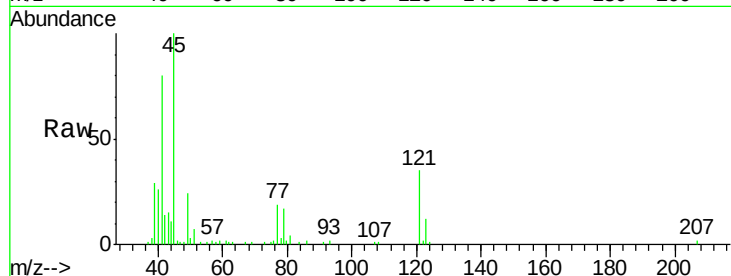
Tot Ion: 45 Resp: 80148

Ion Ratio Lower Upper

45 100

77 19.0 8.0 12.0#

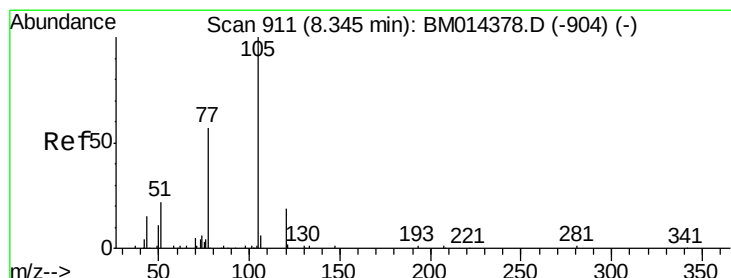
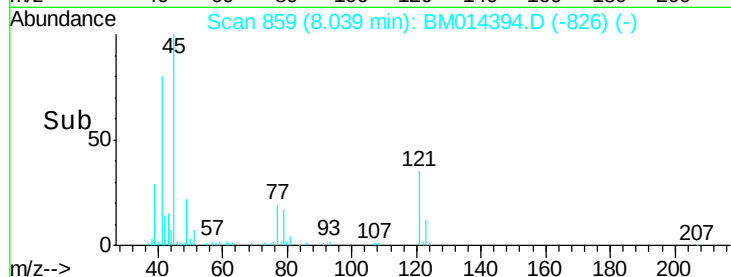
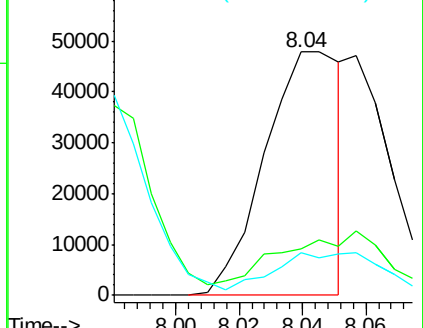
79 17.3 8.0 12.0#



Abundance Ion 45.00 (44.70 to 45.70): BM014378.D (-853) (-)

Ion 77.00 (76.70 to 77.70): BM014378.D (-853) (-)

Ion 79.00 (78.70 to 79.70): BM014378.D (-853) (-)



#14

Acetophenone

Concen: 16.132 ng/ul

RT: 8.35 min Scan# 911

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

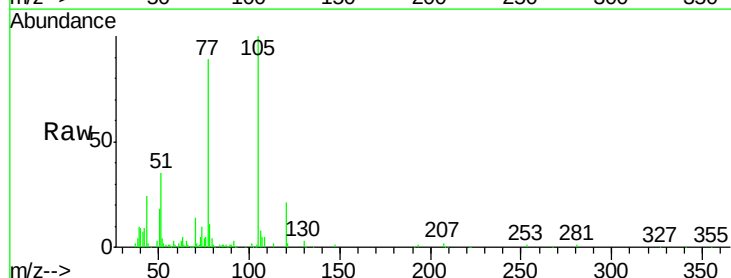
Tgt Ion:105 Resp: 198307

Ion Ratio Lower Upper

105 100

77 88.7 74.2 111.4

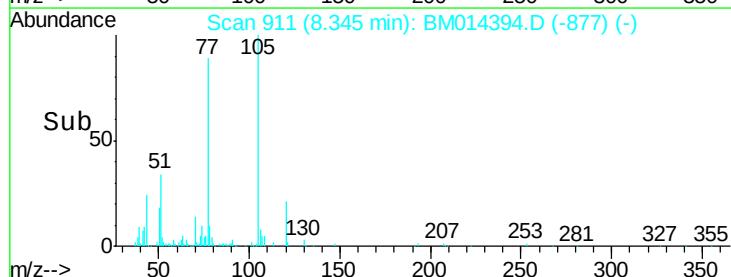
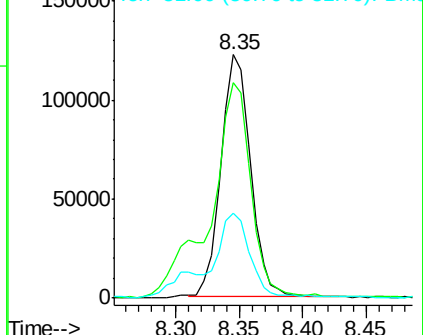
51 34.8 23.4 35.2

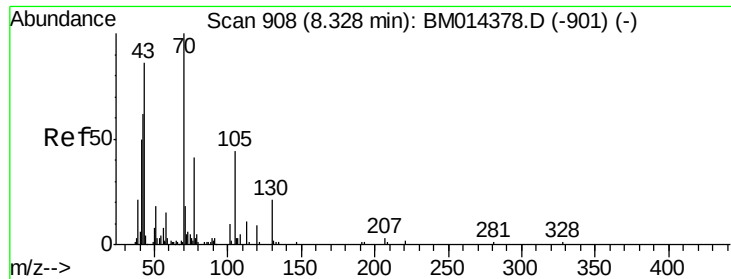


Abundance Ion 105.00 (104.70 to 105.70): BM014378.D (-904) (-)

Ion 77.00 (76.70 to 77.70): BM014378.D (-904) (-)

Ion 51.00 (50.70 to 51.70): BM014378.D (-904) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 17.412 ng/ul

RT: 8.33 min Scan# 908

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 107262

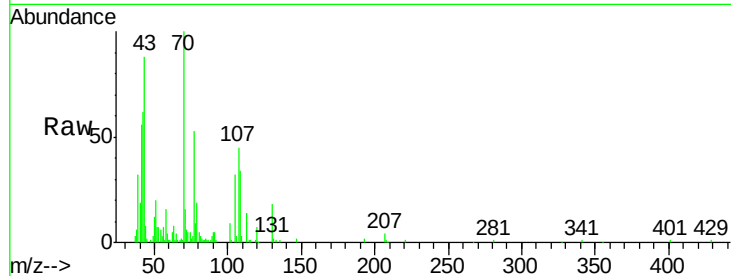
Ion Ratio Lower Upper

70 100

42 61.8 76.0 114.0#

101 9.1 6.7 10.1

130 17.6 14.6 22.0

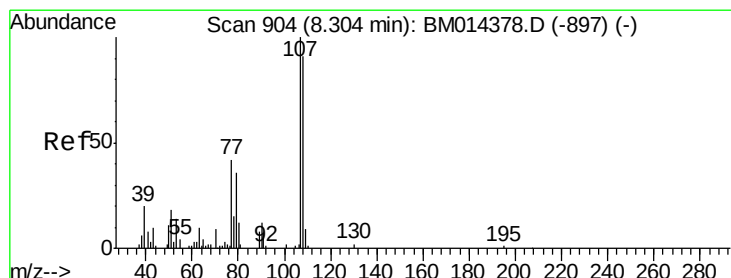
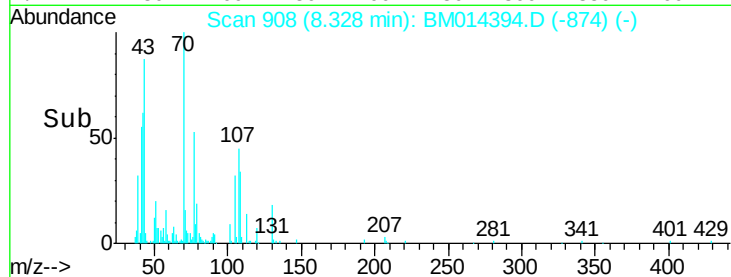
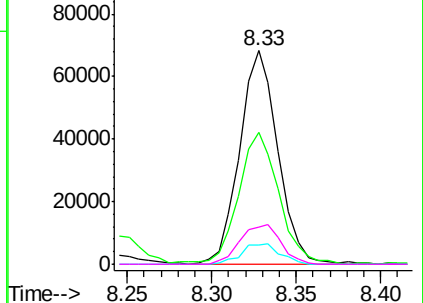


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 17.532 ng/ul

RT: 8.31 min Scan# 905

Delta R.T. 0.01 min

Lab File: BM014394.D

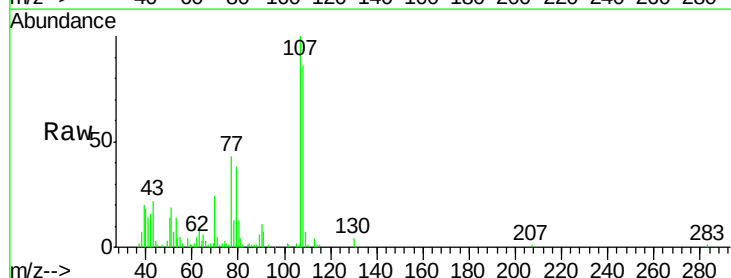
Acq: 27 Feb 2018 22:02

Tgt Ion:108 Resp: 124865

Ion Ratio Lower Upper

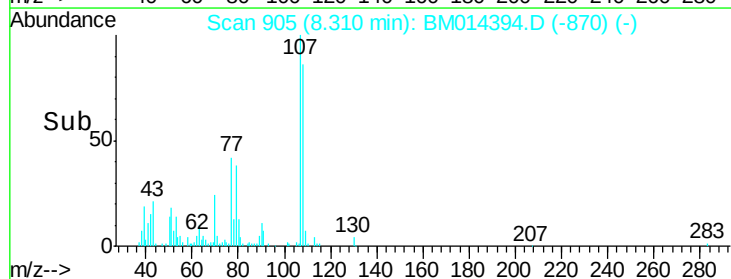
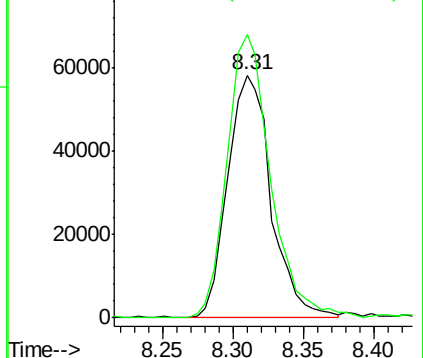
108 100

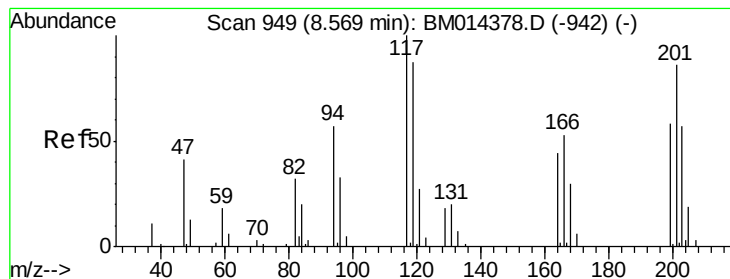
107 116.7 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 17.466 ng/ul

RT: 8.57 min Scan# 949

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampled :

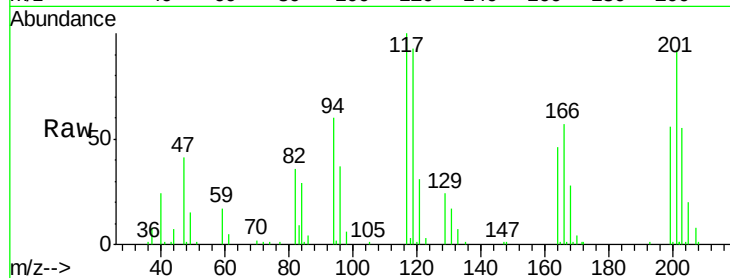
Tot Ion:117 Resp: 58007

Ion Ratio Lower Upper

117 100

201 93.3 111.6 167.4#

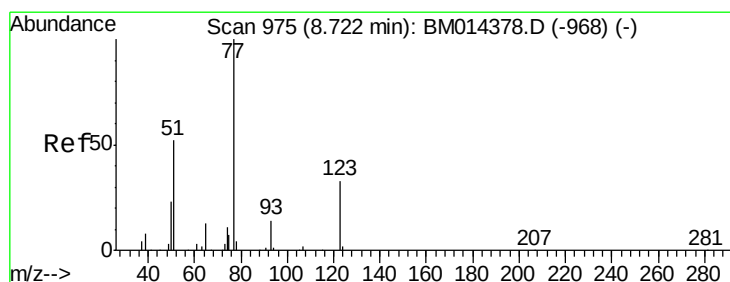
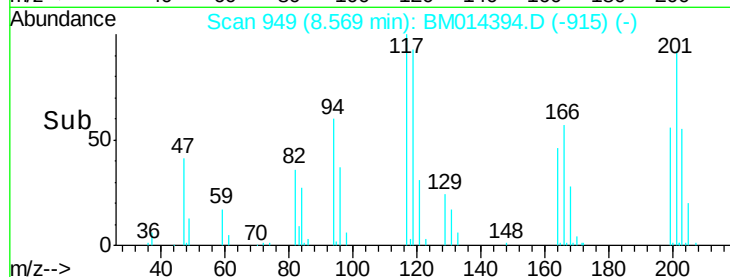
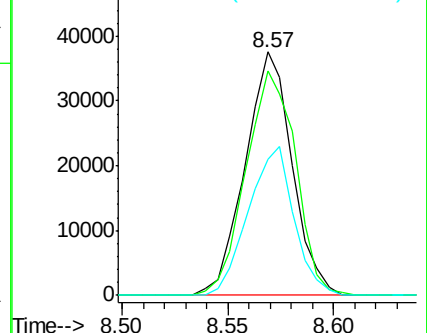
199 55.7 67.8 101.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.087 ng/ul

RT: 8.72 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

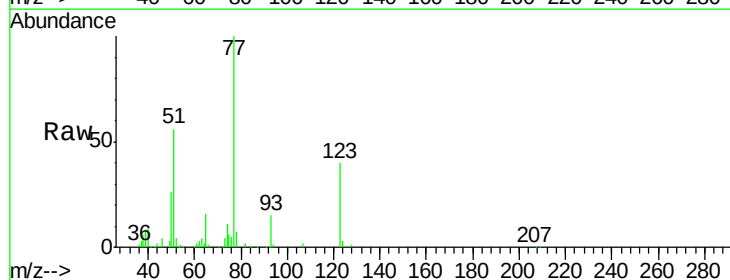
Tgt Ion: 77 Resp: 170992

Ion Ratio Lower Upper

77 100

123 40.2 31.0 46.6

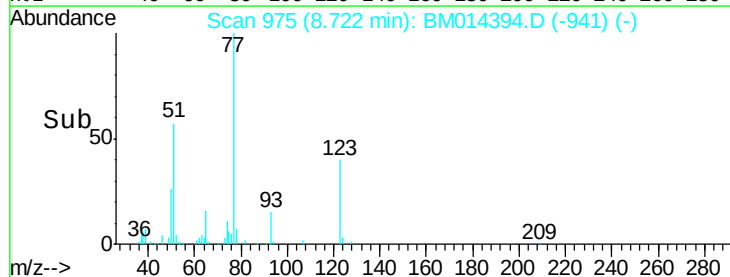
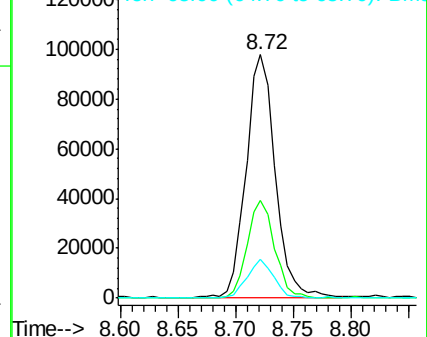
65 15.9 12.2 18.2

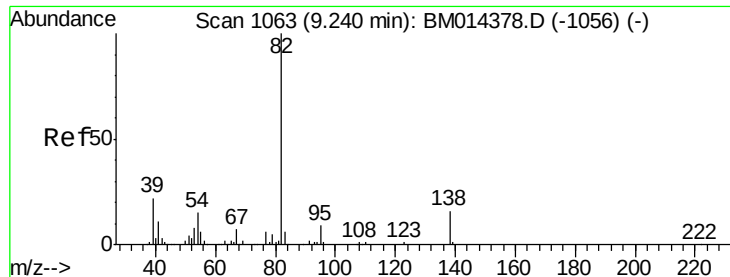


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 18.684 ng/ul

RT: 9.24 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

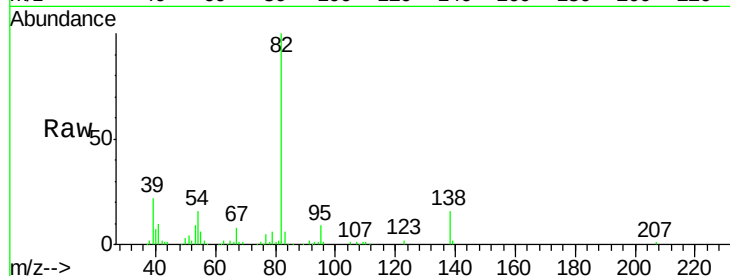
Tot Ion: 82 Resp: 286322

Ion Ratio Lower Upper

82 100

95 9.4 7.8 11.8

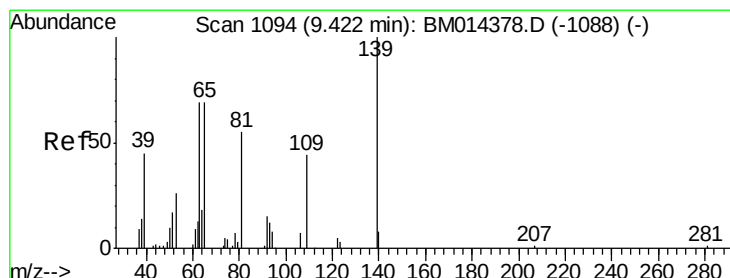
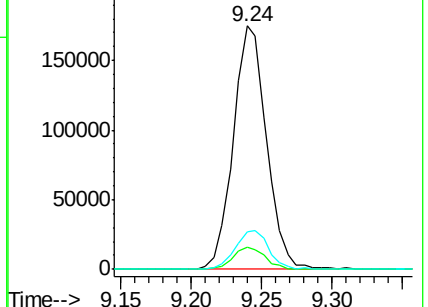
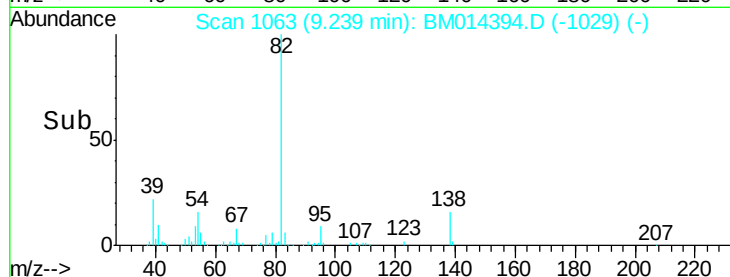
138 15.5 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM014378.D (-1056) (-)

Ion 95.00 (94.70 to 95.70): BM014378.D (-1056) (-)

Ion 138.00 (137.70 to 138.70): BM014378.D (-1056) (-)



#23

2-Nitrophenol

Concen: 20.160 ng/ul

RT: 9.43 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

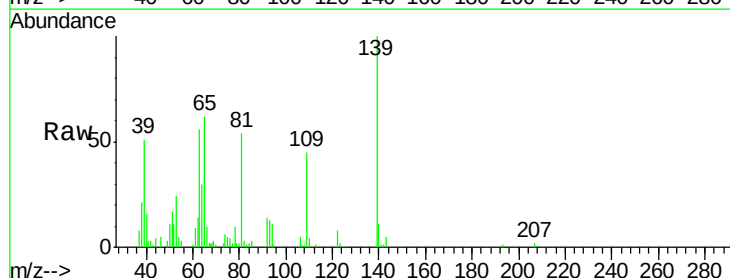
Tgt Ion: 139 Resp: 68459

Ion Ratio Lower Upper

139 100

65 62.3 55.4 83.0

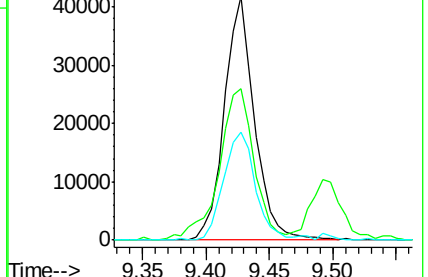
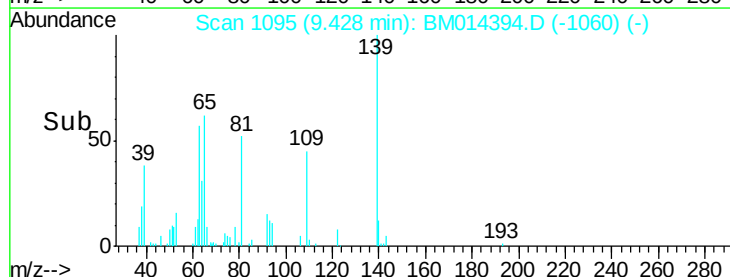
109 44.5 42.2 63.2

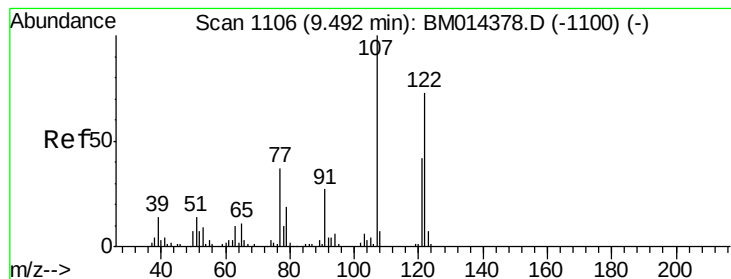


Abundance Ion 139.00 (138.70 to 139.70): BM014378.D (-1088) (-)

Ion 65.00 (64.70 to 65.70): BM014378.D (-1088) (-)

Ion 109.00 (108.70 to 109.70): BM014378.D (-1088) (-)





#24

2,4-Dimethylphenol

Concen: 18.497 ng/ul

RT: 9.49 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

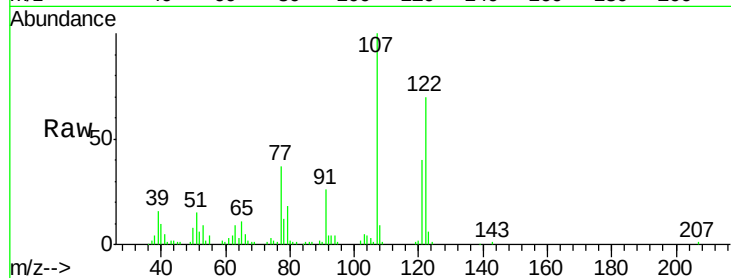
Tot Ion: 107 Resp: 153989

Ion Ratio Lower Upper

107 100

121 40.1 31.9 47.9

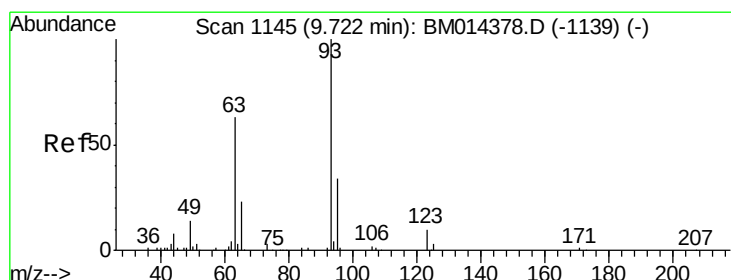
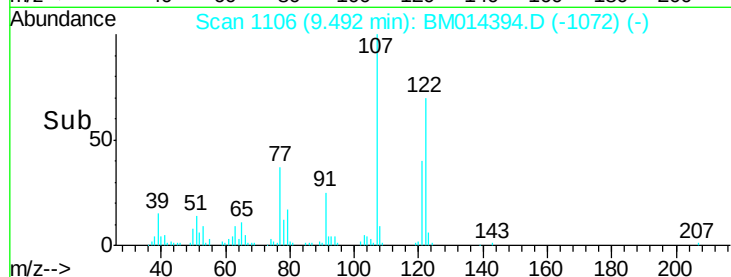
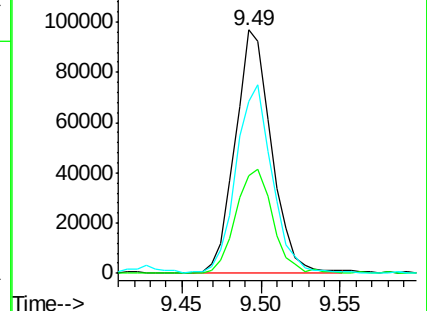
122 70.4 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.671 ng/ul

RT: 9.72 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

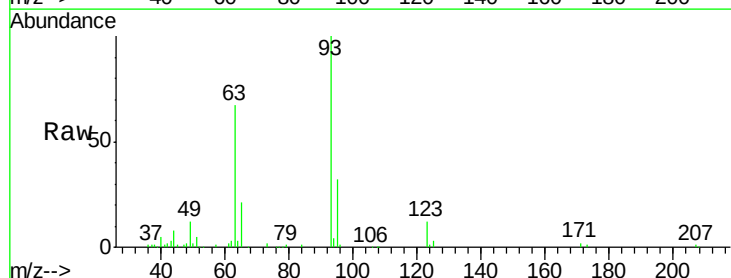
Tgt Ion: 93 Resp: 158784

Ion Ratio Lower Upper

93 100

95 31.8 28.5 42.7

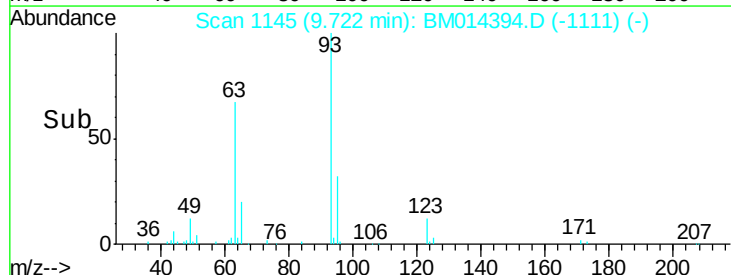
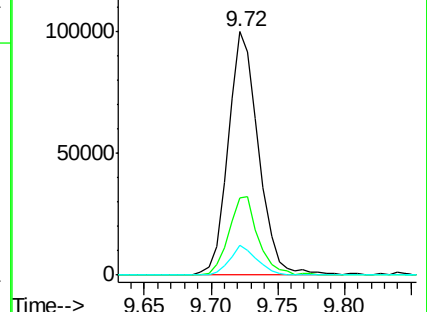
123 12.2 8.9 13.3

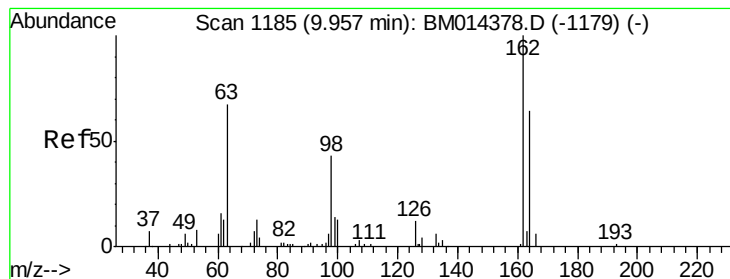


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.709 ng/ul

RT: 9.96 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

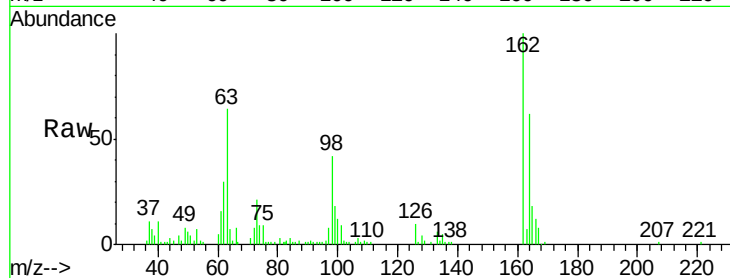
Tot Ion:162 Resp: 121435

Ion Ratio Lower Upper

162 100

164 62.3 47.8 71.6

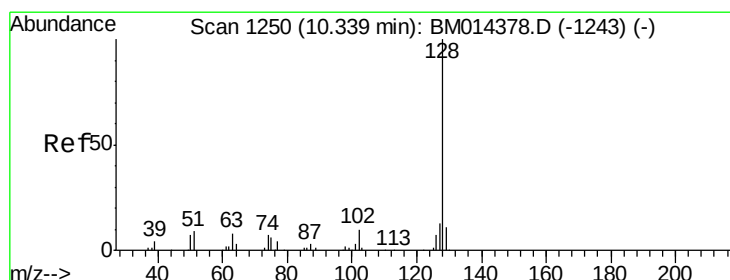
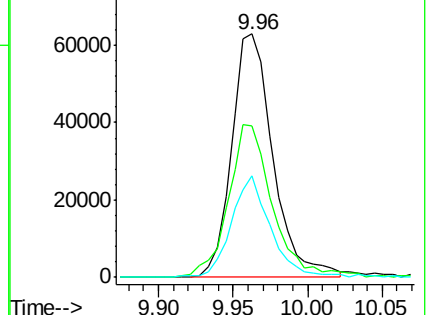
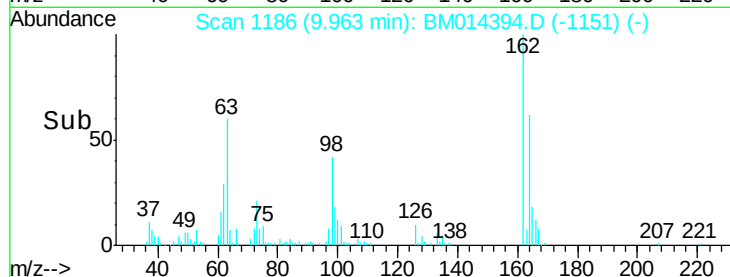
98 41.6 23.0 34.4#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 18.823 ng/ul

RT: 10.34 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

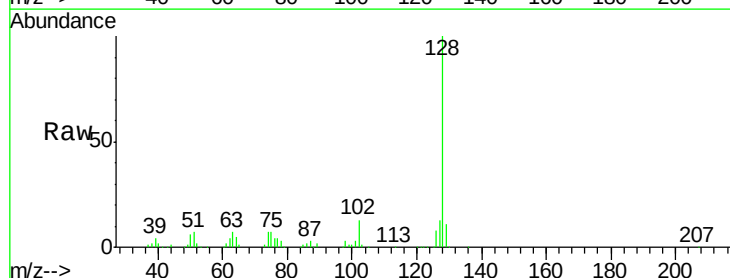
Tgt Ion:128 Resp: 396281

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

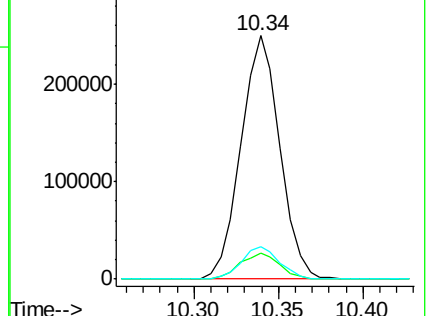
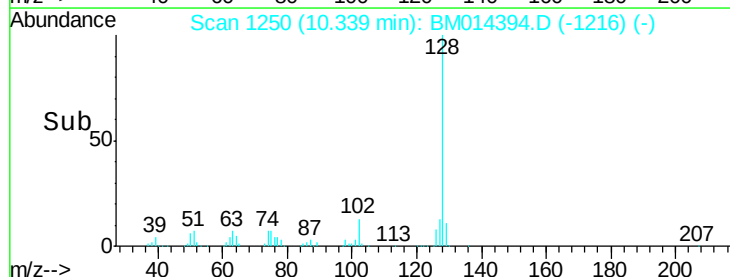
127 13.2 10.6 16.0

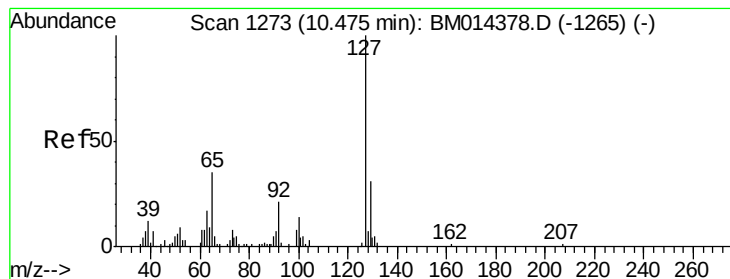


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 22.133 ng/ul

RT: 10.47 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

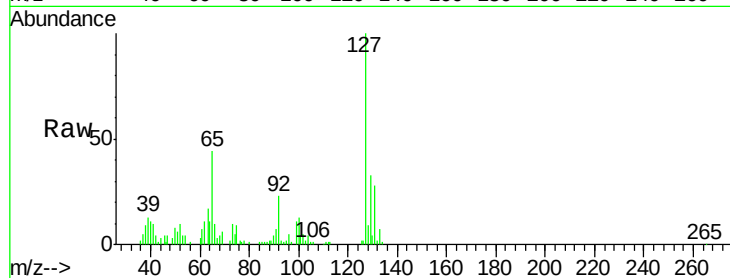
ClientSampleId :

Tot Ion:127 Resp: 144411

Ion Ratio Lower Upper

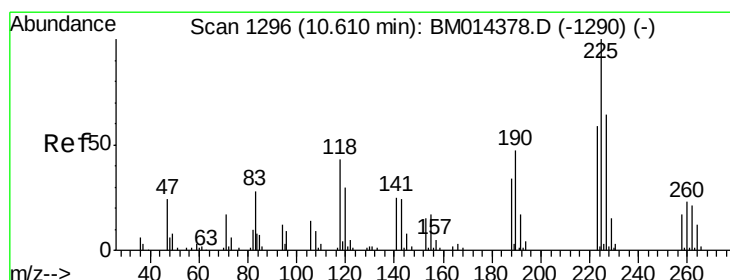
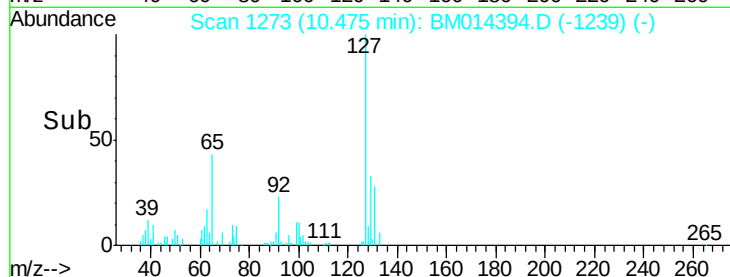
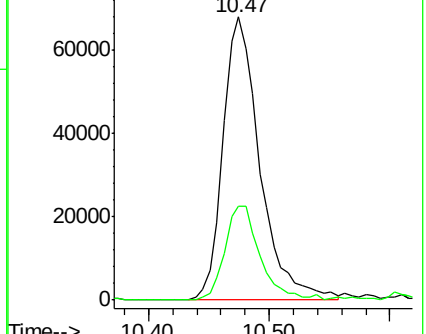
127 100

129 33.4 28.4 42.6



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 18.612 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

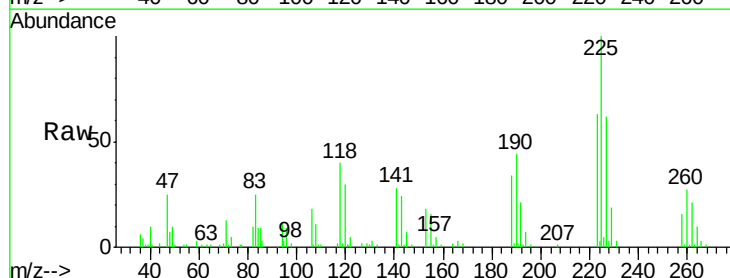
Tgt Ion:225 Resp: 90984

Ion Ratio Lower Upper

225 100

223 62.6 49.4 74.2

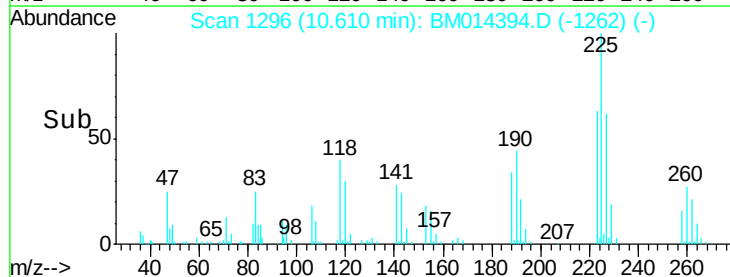
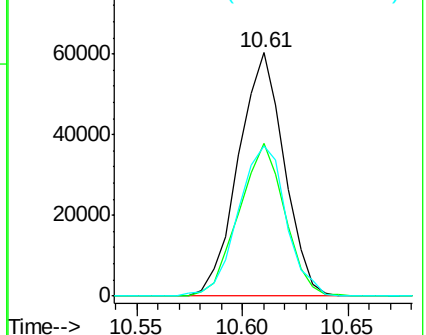
227 65.2 45.4 68.2

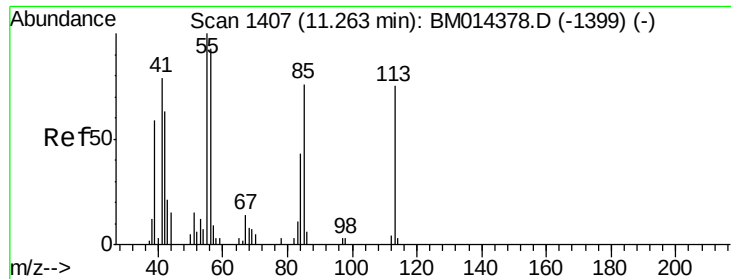


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 13.193 ng/ul

RT: 11.27 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampled :

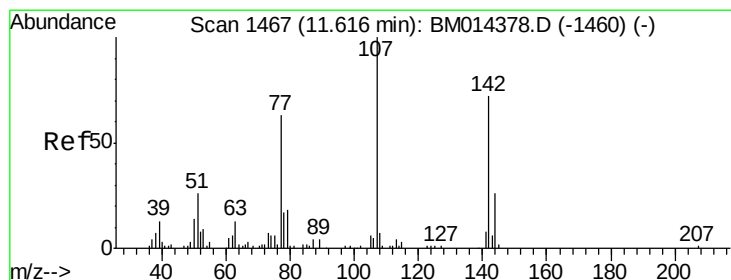
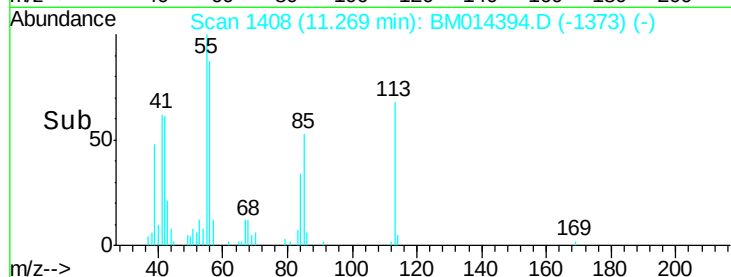
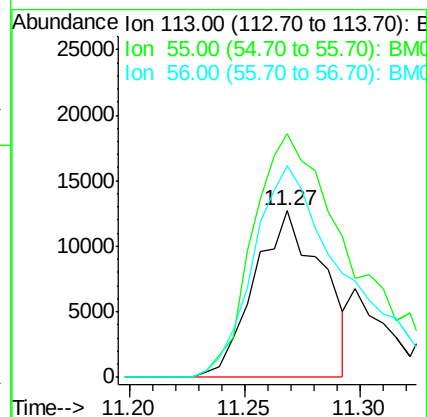
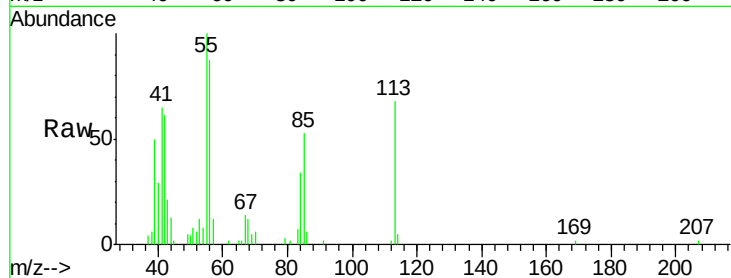
Tot Ion:113 Resp: 26036

Ion Ratio Lower Upper

113 100

55 146.4 208.0 312.0#

56 126.9 160.0 240.0#



#33

4-Chloro-3-methylphenol

Concen: 18.015 ng/ul

RT: 11.62 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

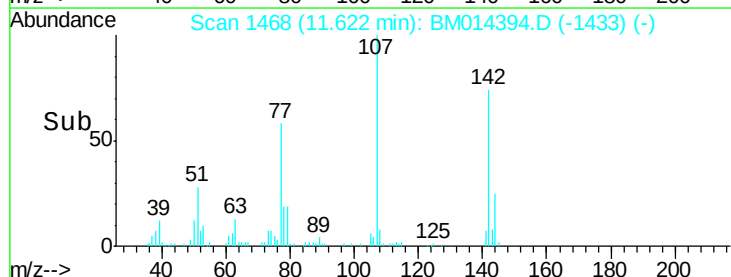
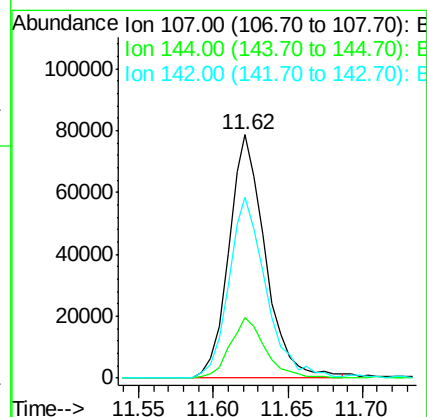
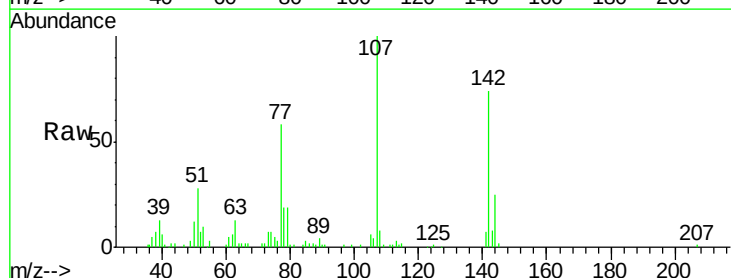
Tgt Ion:107 Resp: 134126

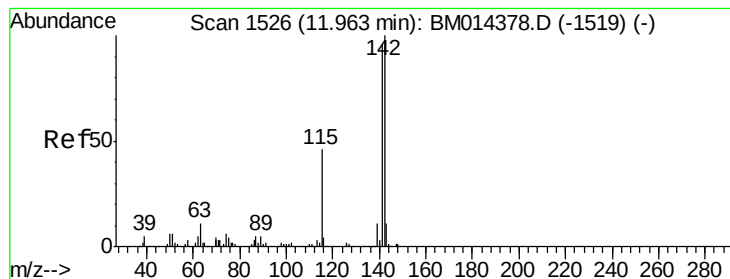
Ion Ratio Lower Upper

107 100

144 25.1 20.4 30.6

142 74.2 60.5 90.7





#34

2-Methylnaphthalene

Concen: 17.565 ng/ul

RT: 11.97 min Scan# 1527

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

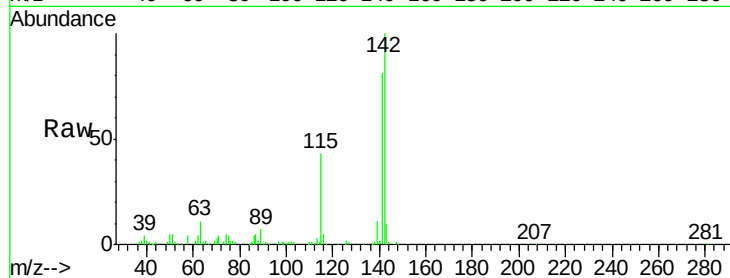
ClientSampleId :

Tot Ion:142 Resp: 281466

Ion Ratio Lower Upper

142 100

141 80.6 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.97

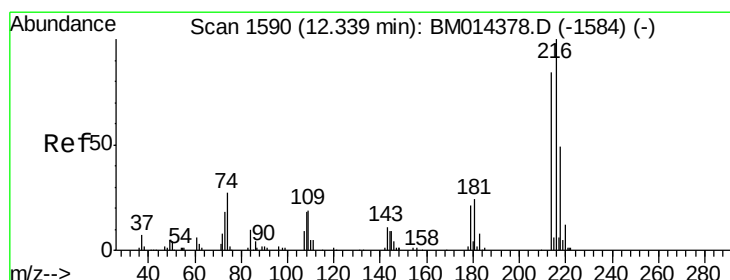
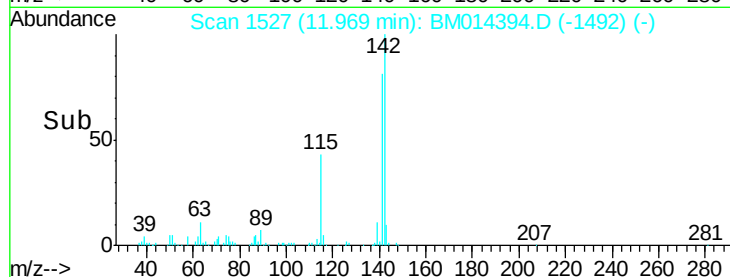
150000

100000

50000

0

Time--> 11.90 11.95 12.00



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.668 ng/ul

RT: 12.35 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Tgt Ion:216 Resp: 151588

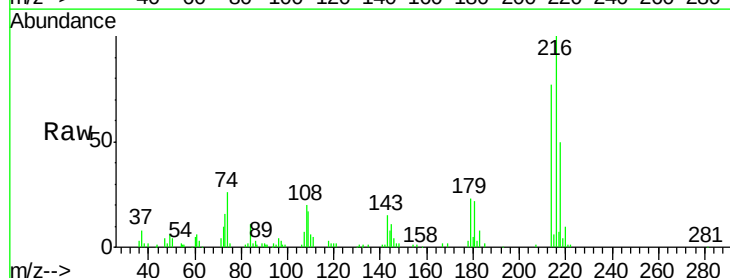
Ion Ratio Lower Upper

216 100

214 76.8 60.6 90.8

179 23.1 17.5 26.3

108 20.1 11.3 16.9#



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

12.35

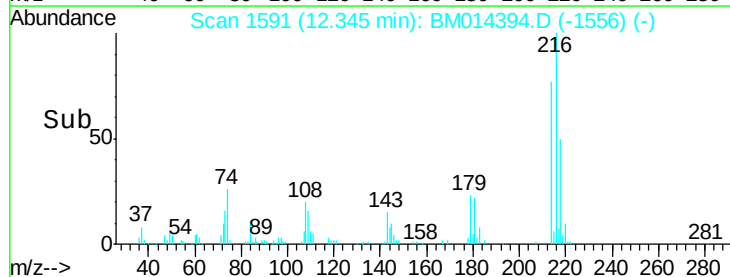
150000

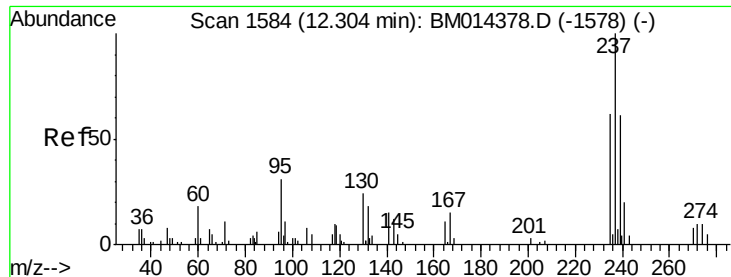
100000

50000

0

Time--> 12.30 12.35 12.40





#37

Hexachlorocyclopentadiene

Concen: 3.816 ng/ul

RT: 12.31 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

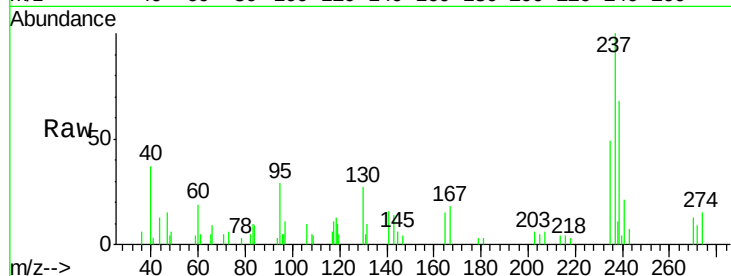
Tot Ion:237 Resp: 15231

Ion Ratio Lower Upper

237 100

235 49.4 50.2 75.4#

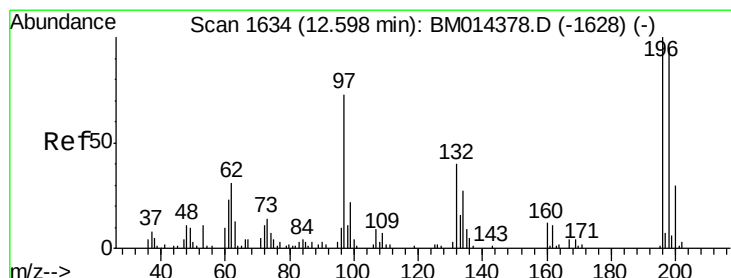
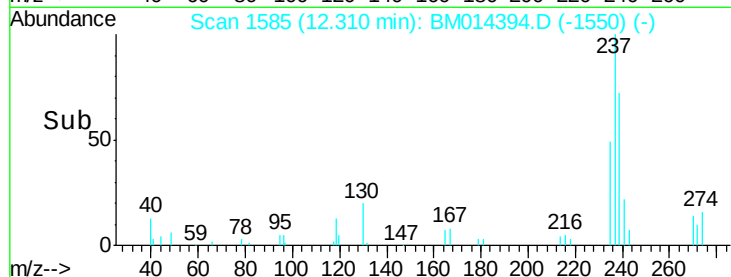
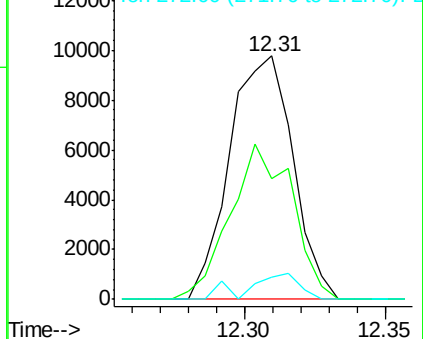
272 9.1 11.0 16.6#



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.112 ng/ul

RT: 12.60 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

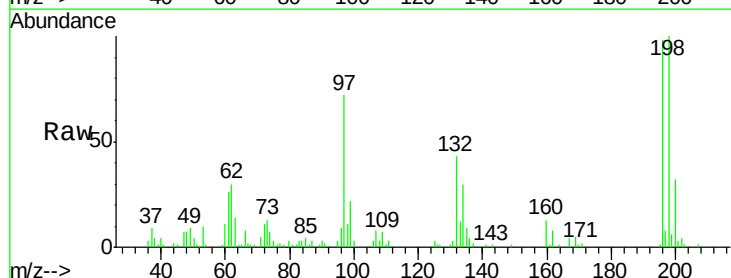
Tgt Ion:196 Resp: 96607

Ion Ratio Lower Upper

196 100

198 101.7 74.1 111.1

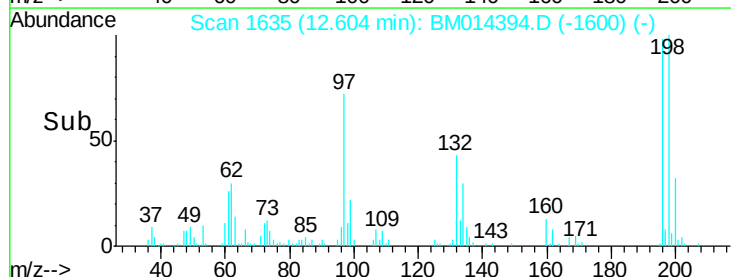
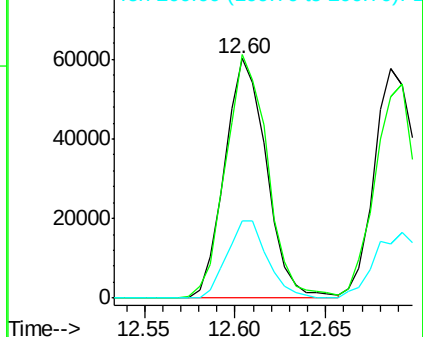
200 32.2 25.2 37.8

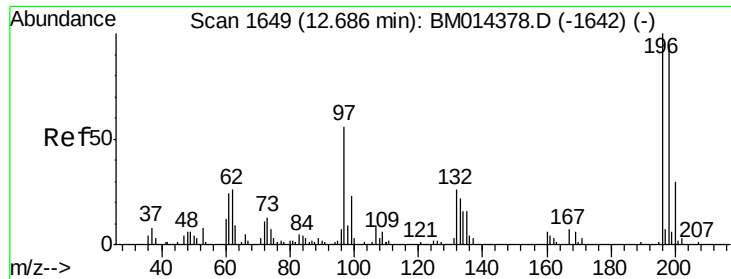


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

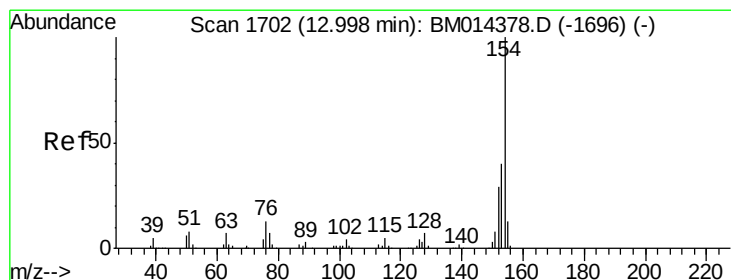
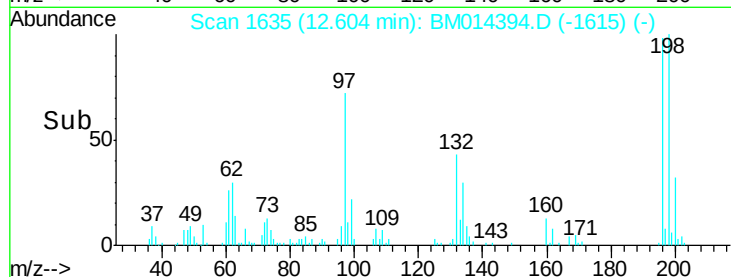
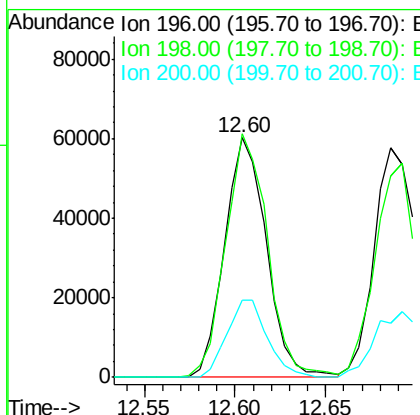
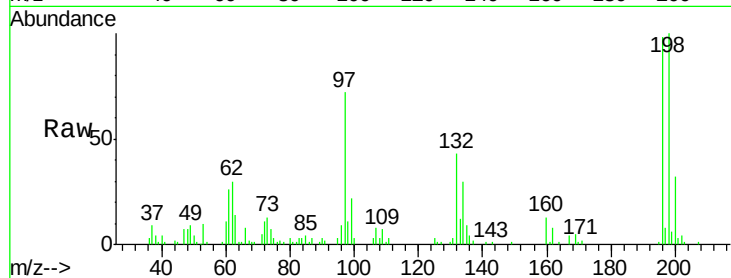




#39
 2,4,5-Trichlorophenol
 Concen: 20.659 ng/ul
 RT: 12.60 min Scan# 1635
 Delta R.T. -0.08 min
 Lab File: BM014394.D
 Acq: 27 Feb 2018 22:02

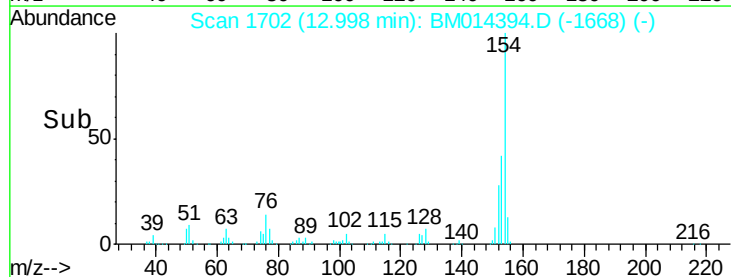
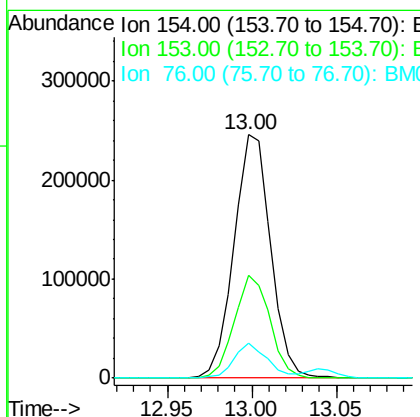
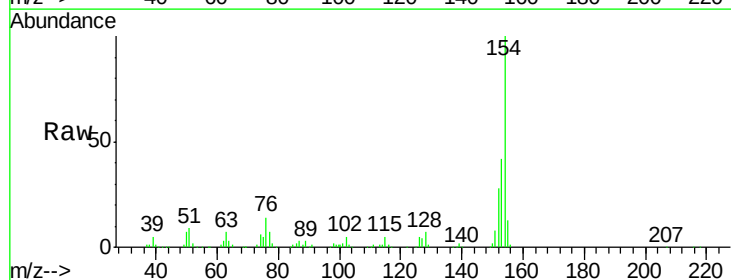
Instrument :
 BNA_M
 ClientSampled :

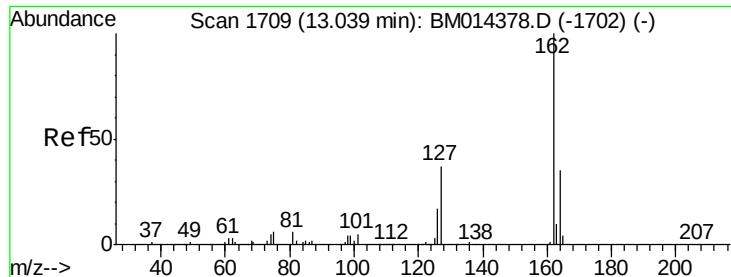
Tot Ion:196 Resp: 96607
 Ion Ratio Lower Upper
 196 100
 198 101.7 75.6 113.4
 200 32.2 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 20.875 ng/ul
 RT: 13.00 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BM014394.D
 Acq: 27 Feb 2018 22:02

Tgt Ion:154 Resp: 367423
 Ion Ratio Lower Upper
 154 100
 153 42.0 32.6 48.8
 76 14.2 8.5 12.7#

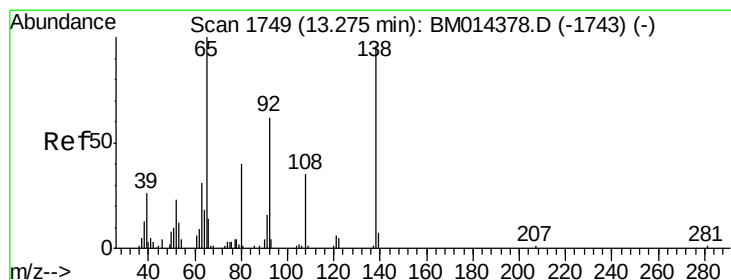
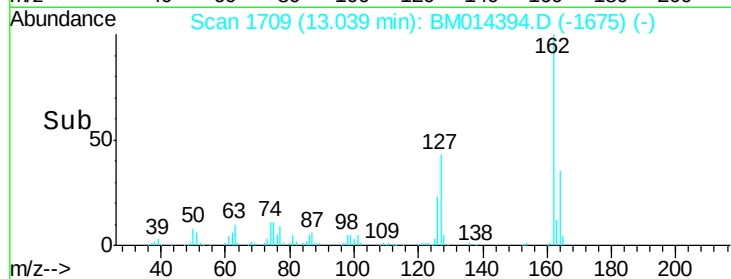
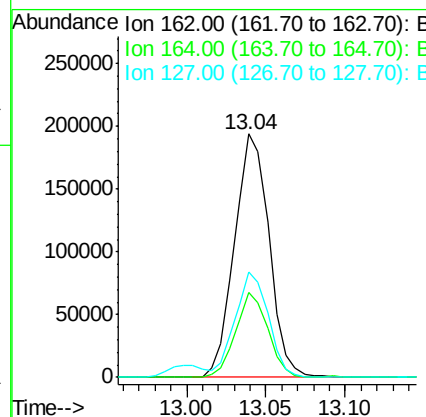
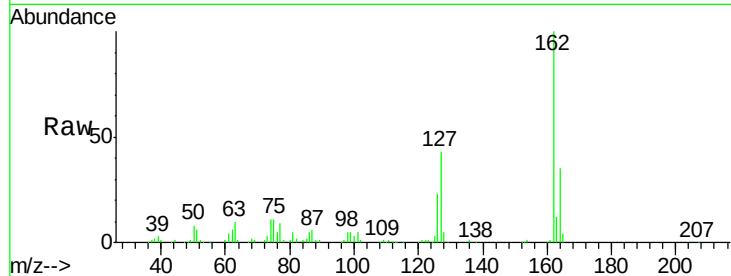




#41
 2-Chloronaphthalene
 Concen: 20.888 ng/ul
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM014394.D
 Acq: 27 Feb 2018 22:02

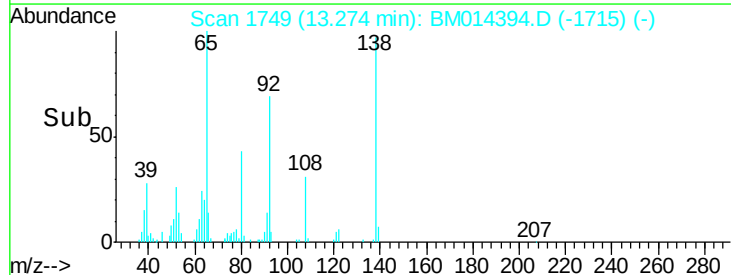
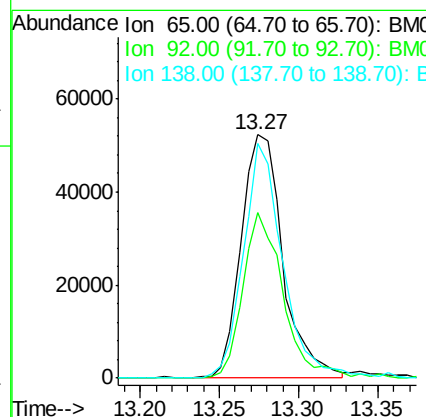
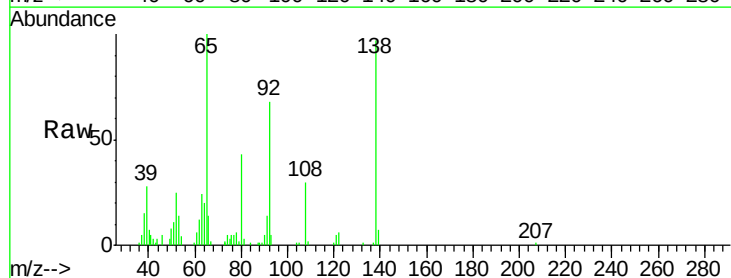
Instrument :
 BNA_M
 ClientSampleId :

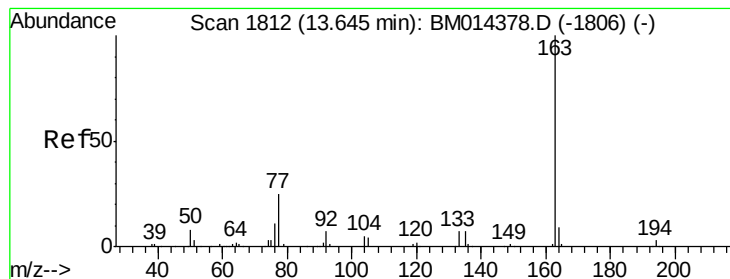
Tot Ion	Ratio	Lower	Upper
162	100		
164	34.8	25.9	38.9
127	43.4	29.4	44.2



#42
 2-Nitroaniline
 Concen: 20.180 ng/ul
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BM014394.D
 Acq: 27 Feb 2018 22:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	51.8	77.6
138	96.6	74.2	111.4





#44

Dimethylphthalate

Concen: 19.557 ng/ul

RT: 13.65 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

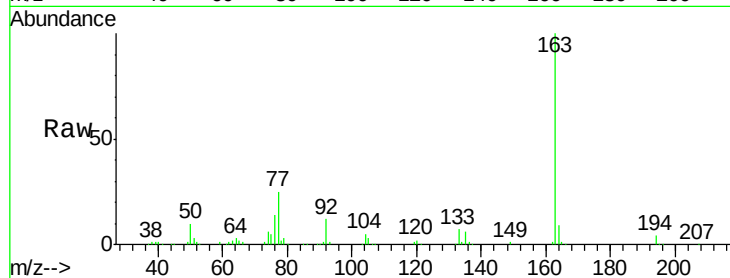
Tot Ion:163 Resp: 363879

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

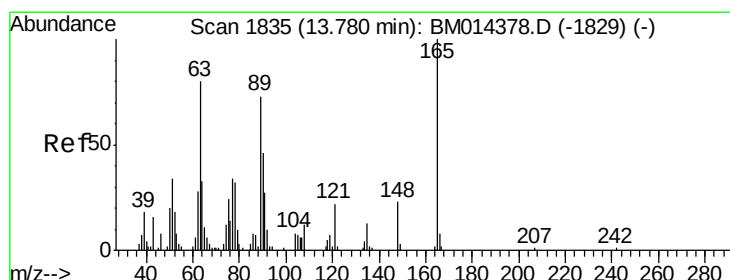
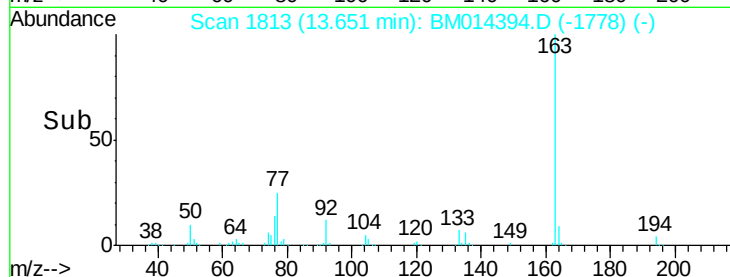
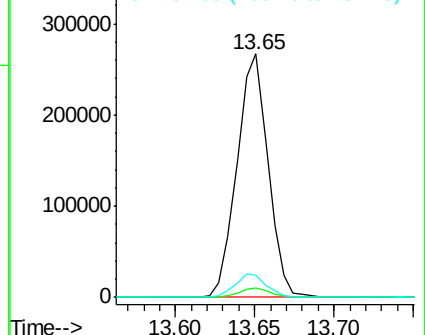
164 9.0 8.2 12.4



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



#45

2,6-Dinitrotoluene

Concen: 21.270 ng/ul

RT: 13.78 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

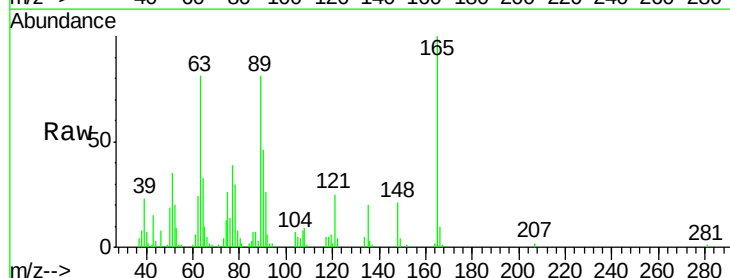
Tgt Ion:165 Resp: 75190

Ion Ratio Lower Upper

165 100

89 80.6 52.6 79.0#

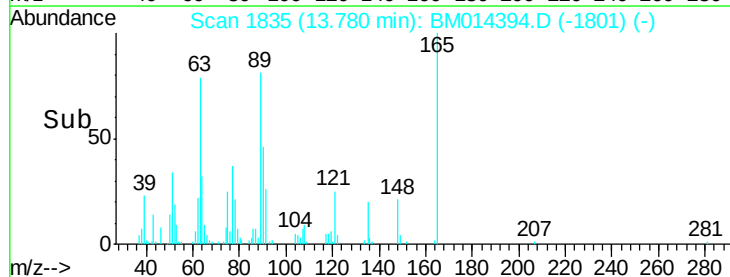
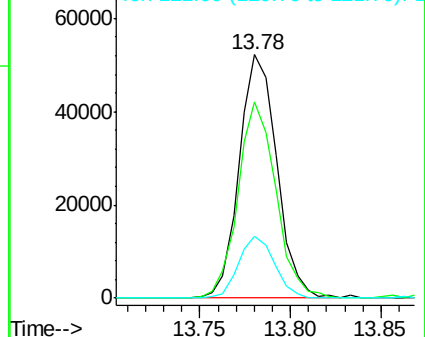
121 25.2 14.6 22.0#

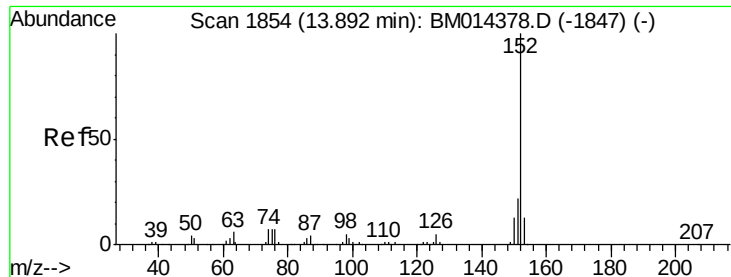


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.860 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampled :

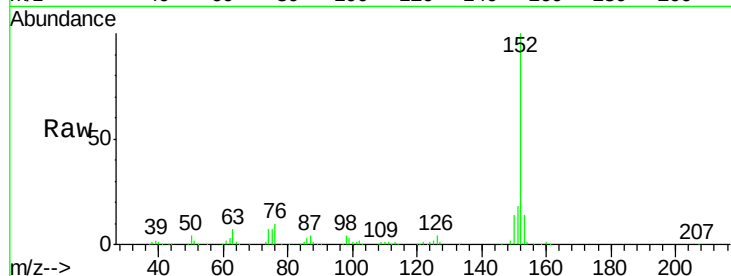
Tot Ion:152 Resp: 458739

Ion Ratio Lower Upper

152 100

151 17.7 16.3 24.5

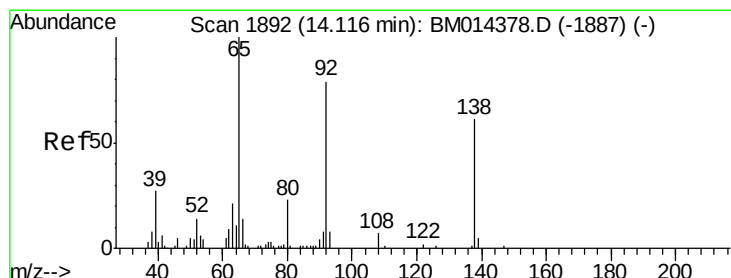
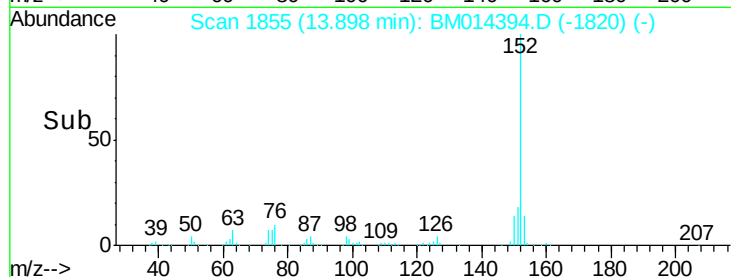
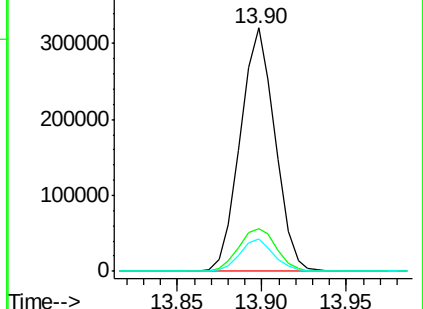
153 13.5 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 23.302 ng/ul

RT: 14.12 min Scan# 1893

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

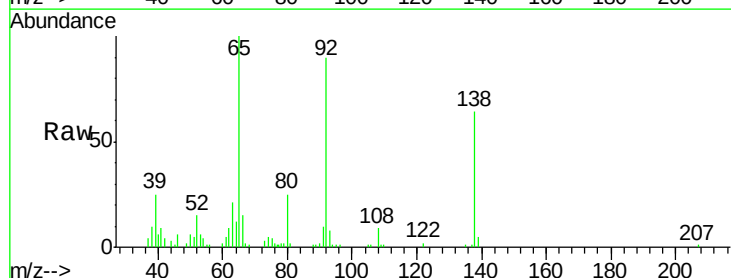
Tgt Ion:138 Resp: 69815

Ion Ratio Lower Upper

138 100

108 13.4 9.9 14.9

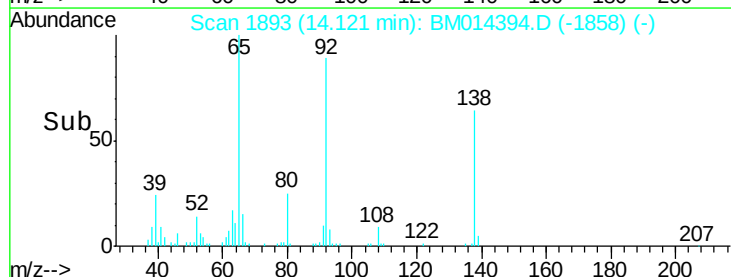
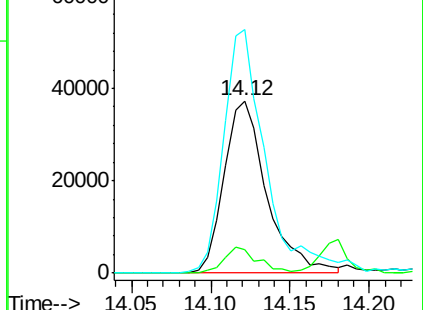
92 141.5 105.0 157.4

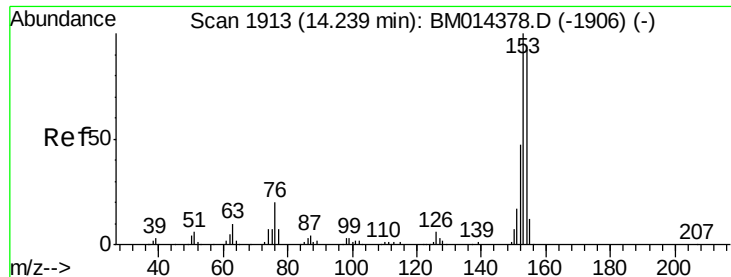


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.036 ng/ul

RT: 14.24 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampled :

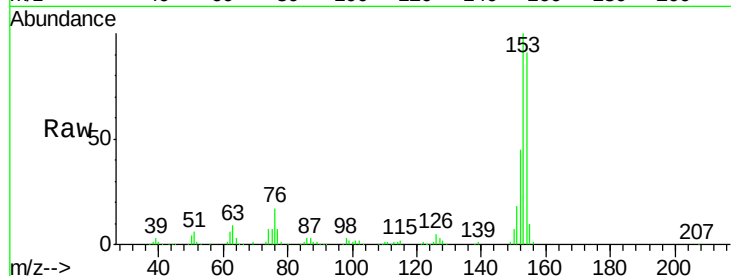
Tot Ion:153 Resp: 310266

Ion Ratio Lower Upper

153 100

152 45.0 37.6 56.4

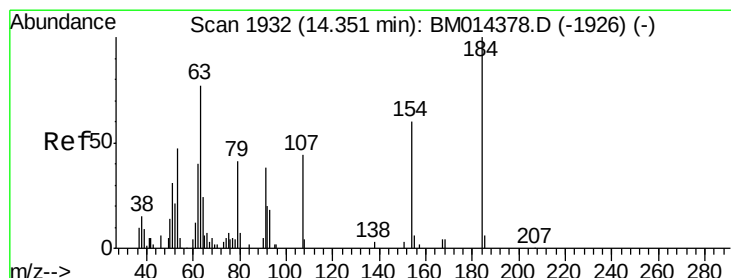
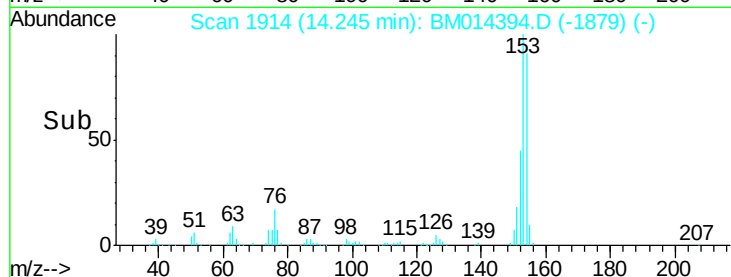
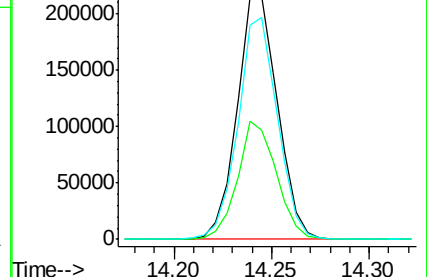
154 91.3 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 8.985 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

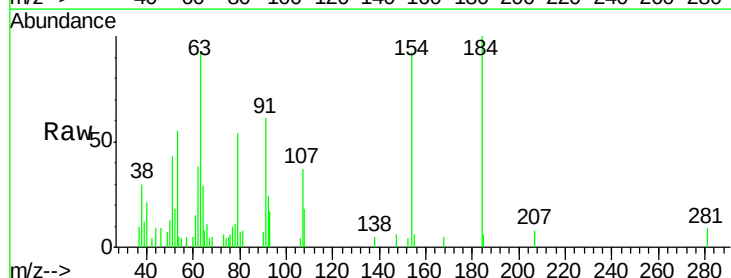
Tgt Ion:184 Resp: 17083

Ion Ratio Lower Upper

184 100

63 93.4 50.1 75.1#

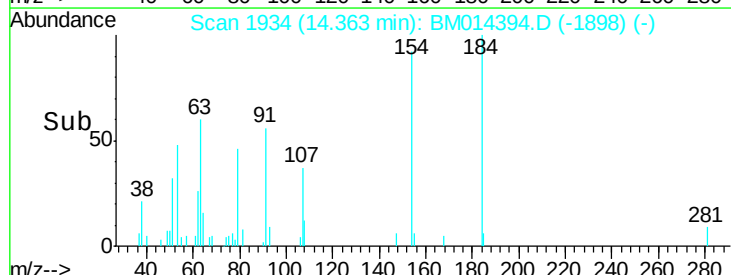
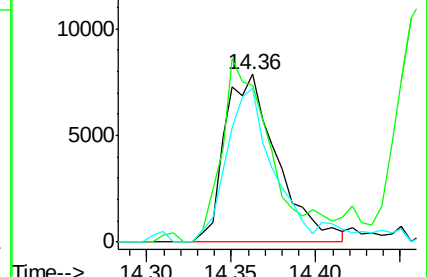
154 91.8 54.5 81.7#

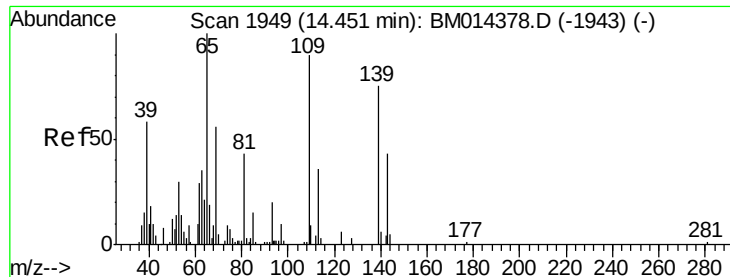


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 16.913 ng/ul

RT: 14.46 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

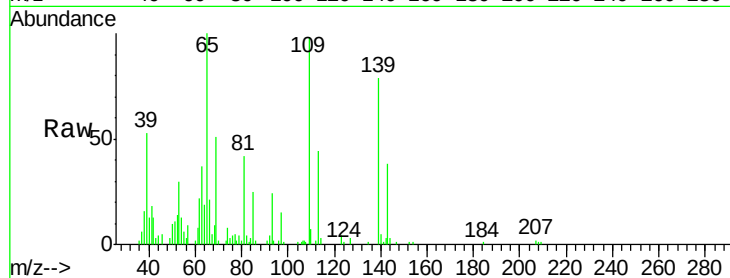
Tot Ion:109 Resp: 57766

Ion Ratio Lower Upper

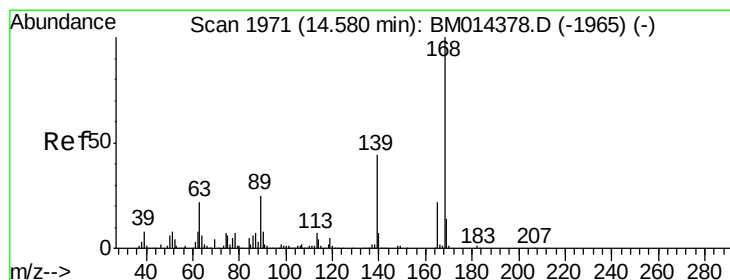
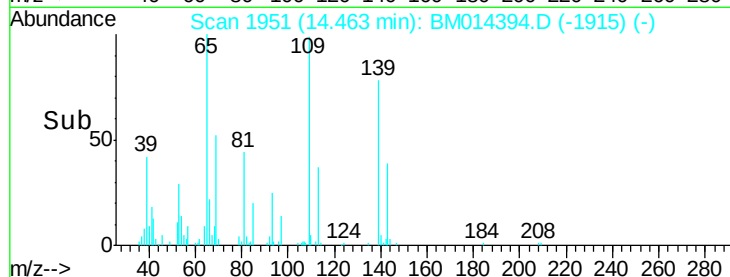
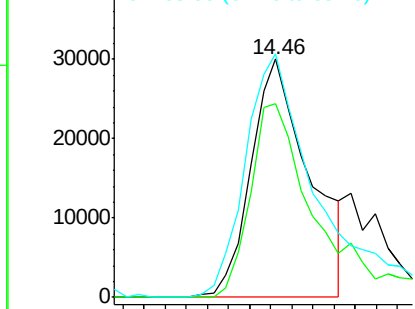
109 100

139 81.1 80.0 120.0

65 102.3 120.0 180.0#



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



#53

Dibenzofuran

Concen: 18.928 ng/ul

RT: 14.59 min Scan# 1972

Delta R.T. 0.01 min

Lab File: BM014394.D

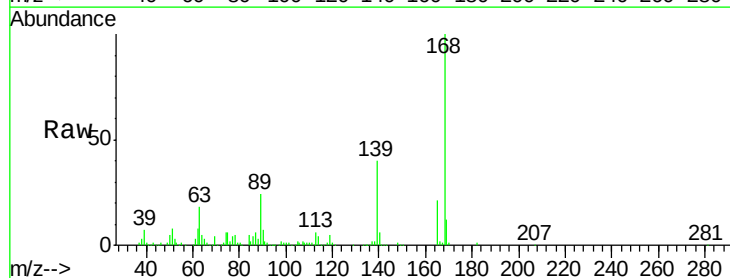
Acq: 27 Feb 2018 22:02

Tgt Ion:168 Resp: 439502

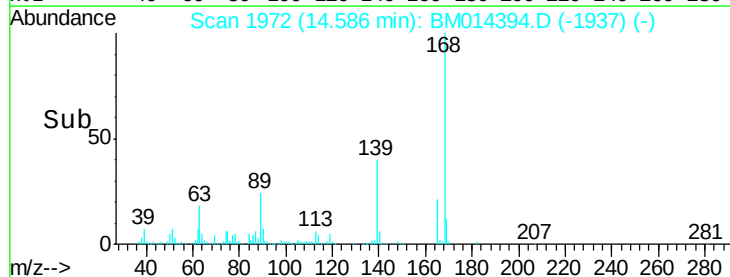
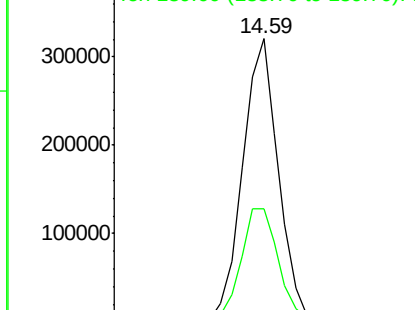
Ion Ratio Lower Upper

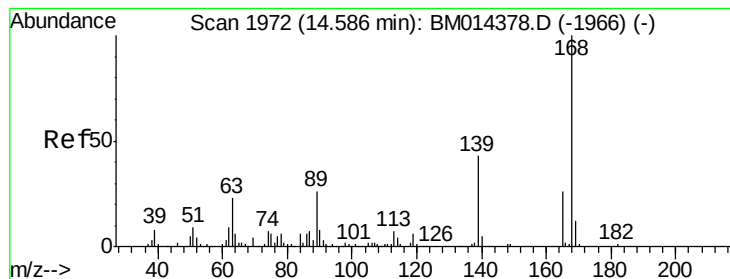
168 100

139 39.8 30.8 46.2



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





#54

2,4-Dinitrotoluene

Concen: 19.390 ng/ul

RT: 14.59 min Scan# 1973

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

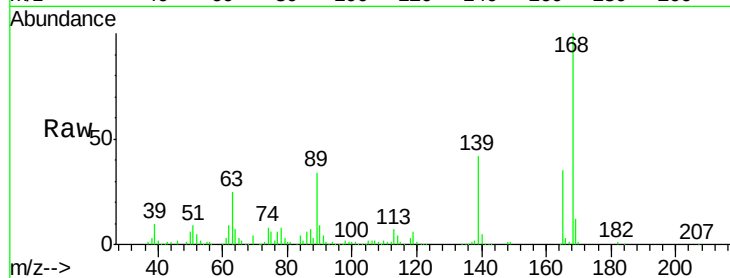
Tot Ion:165 Resp: 109821

Ion Ratio Lower Upper

165 100

63 72.3 45.8 68.8#

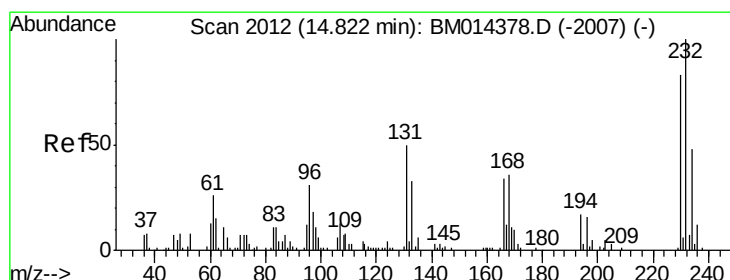
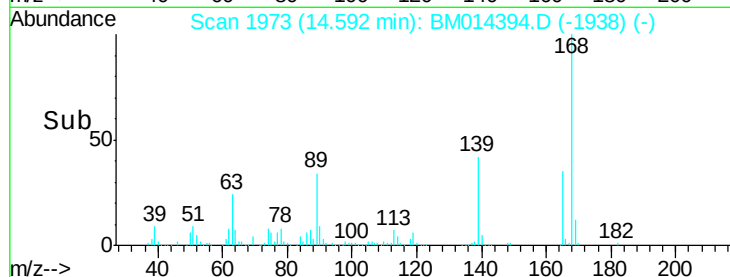
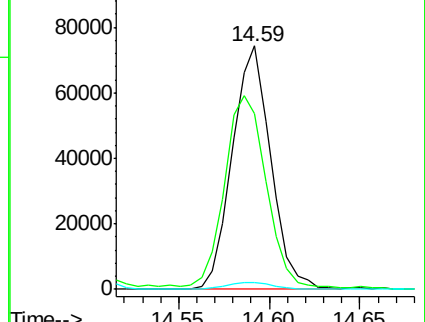
182 2.6 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 17.766 ng/ul

RT: 14.83 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Tgt Ion:232 Resp: 84016

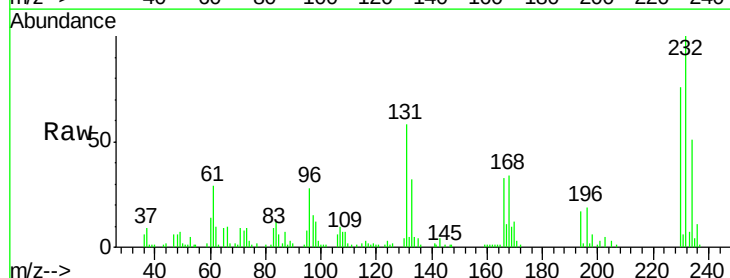
Ion Ratio Lower Upper

232 100

131 57.7 29.0 43.4#

130 3.6 2.0 3.0#

166 32.8 21.4 32.2#

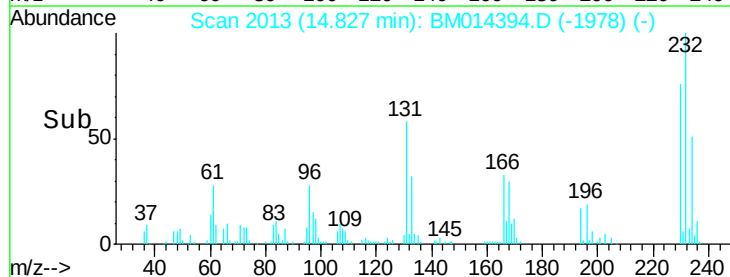
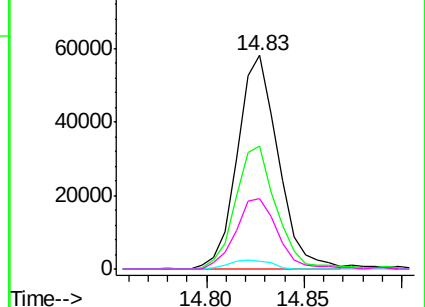


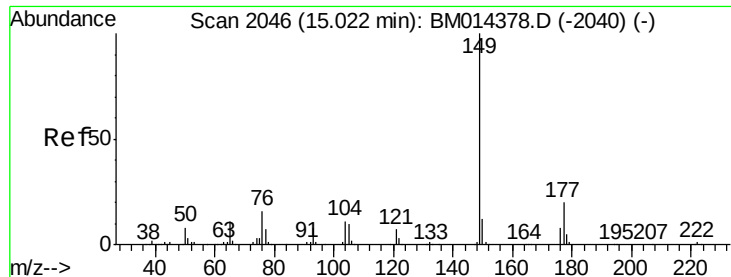
Abundance Ion 232.00 (231.70 to 232.70): E

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





#56

Diethylphthalate

Concen: 17.918 ng/ul

RT: 15.02 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

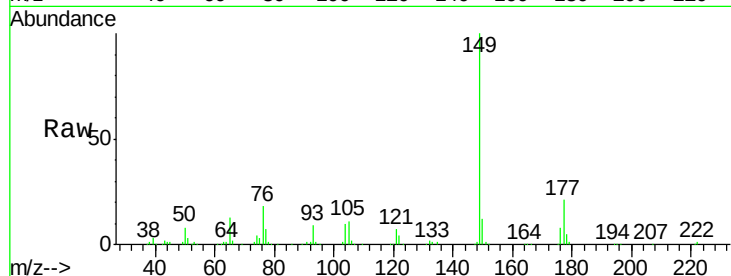
Tot Ion:149 Resp: 371503

Ion Ratio Lower Upper

149 100

177 21.3 20.5 30.7

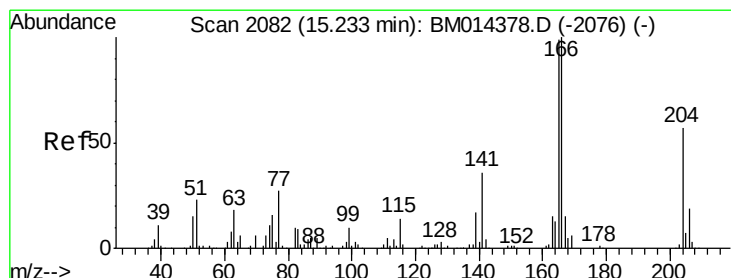
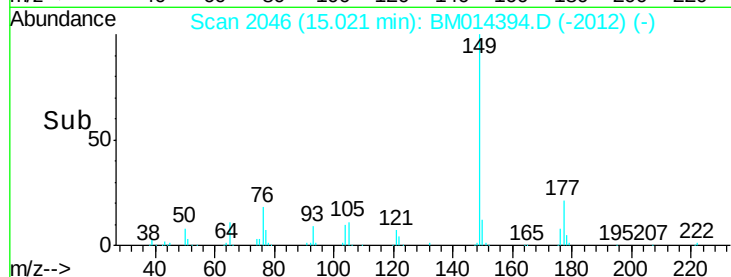
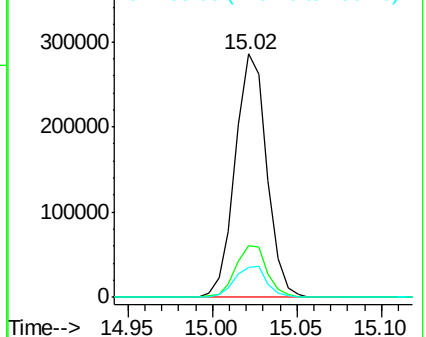
150 12.4 10.6 15.8



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



#58

Fluorene

Concen: 17.871 ng/ul

RT: 15.24 min Scan# 2083

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

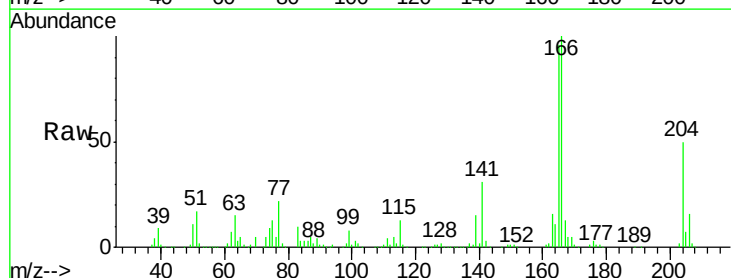
Tgt Ion:166 Resp: 358240

Ion Ratio Lower Upper

166 100

165 96.3 77.9 116.9

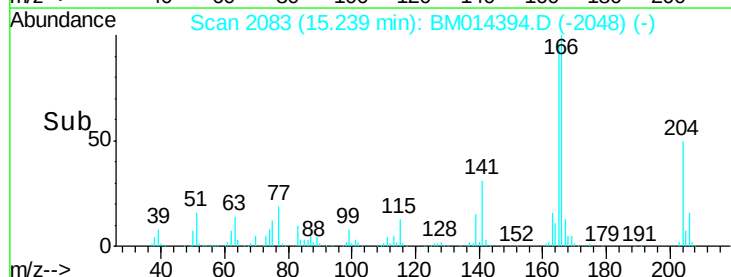
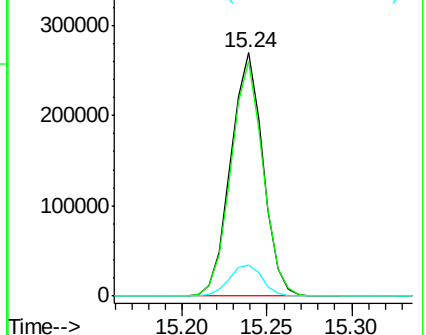
167 12.9 10.6 16.0

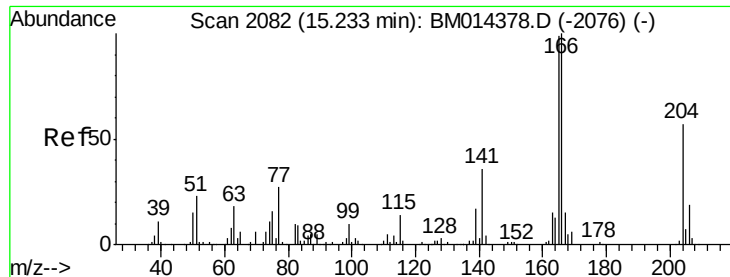


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

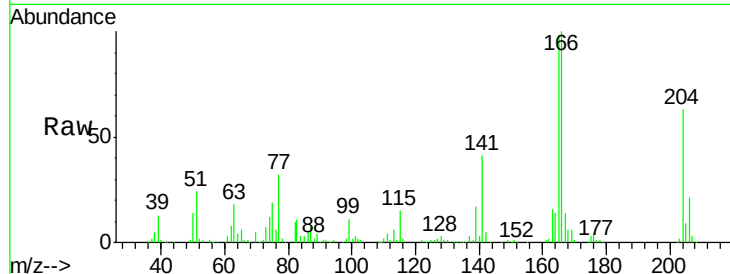




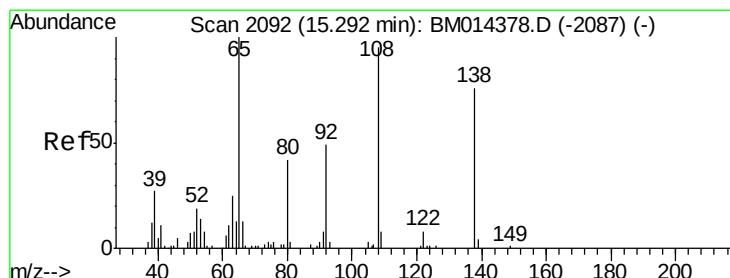
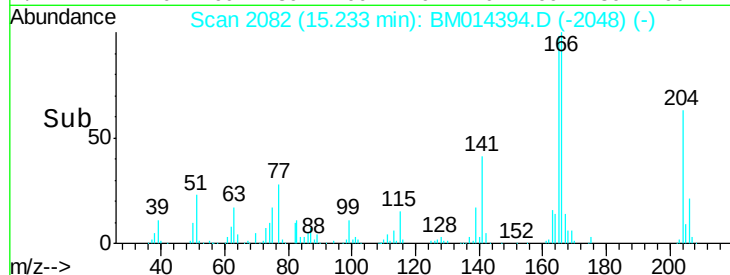
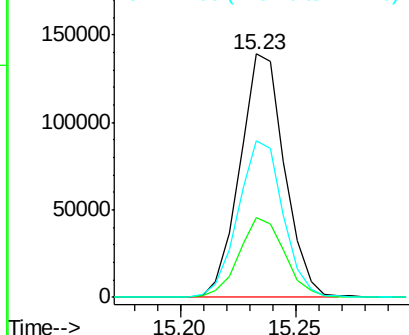
#59
4-Chlorophenyl-phenylether
Concen: 17.901 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BM014394.D
Acq: 27 Feb 2018 22:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	24.8	37.2
141	64.5	44.3	66.5

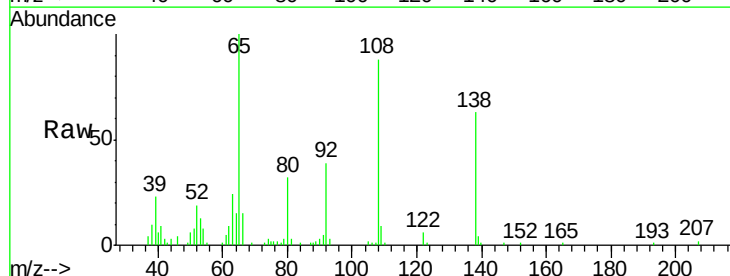


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

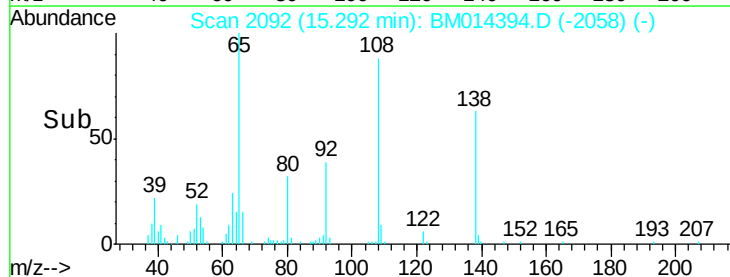
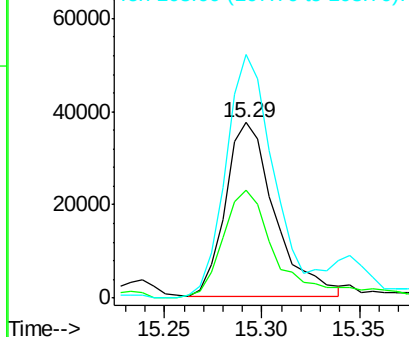


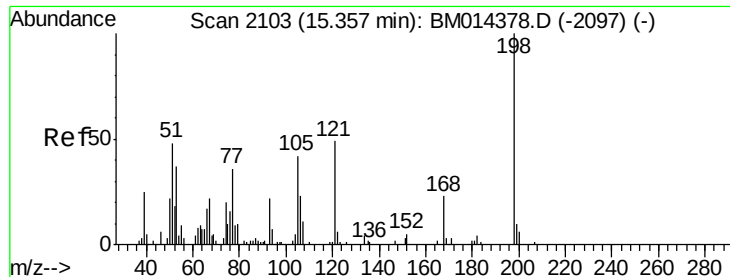
#60
4-Nitroaniline
Concen: 19.344 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BM014394.D
Acq: 27 Feb 2018 22:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.5	40.0	60.0#
108	138.8	80.0	120.0#



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

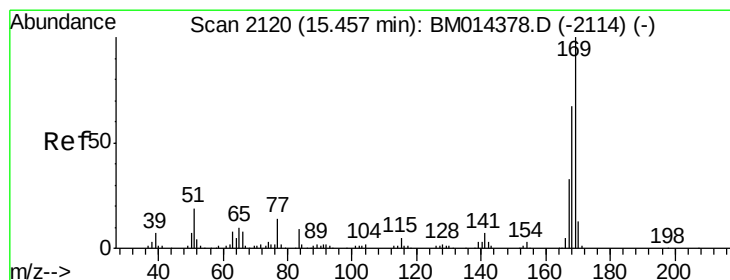
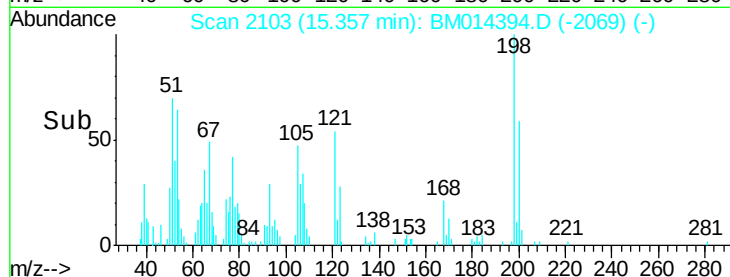
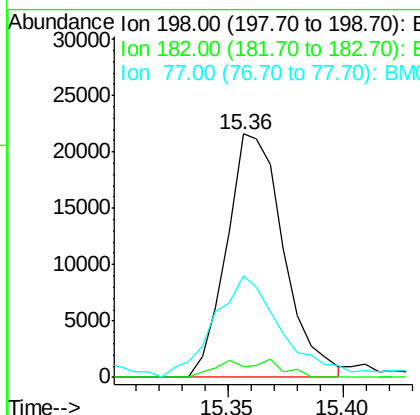
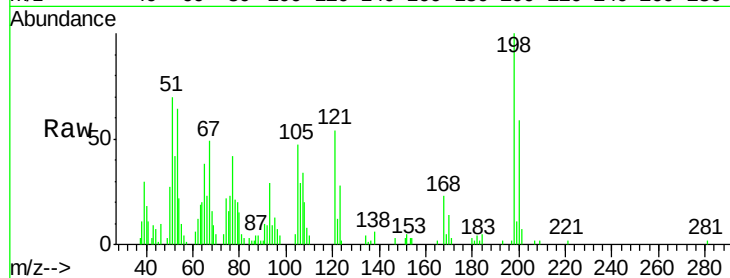




#63
 4,6-Dinitro-2-methylphenol
 Concen: 12.006 ng/ul
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BM014394.D
 Acq: 27 Feb 2018 22:02

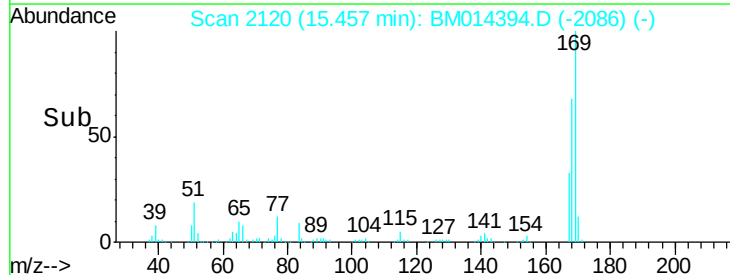
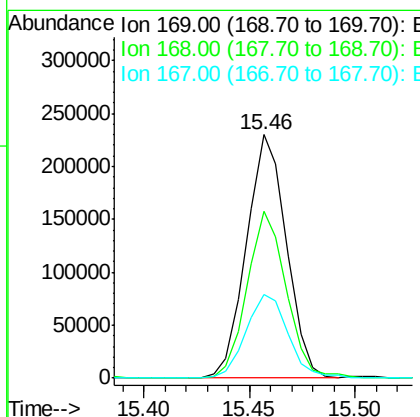
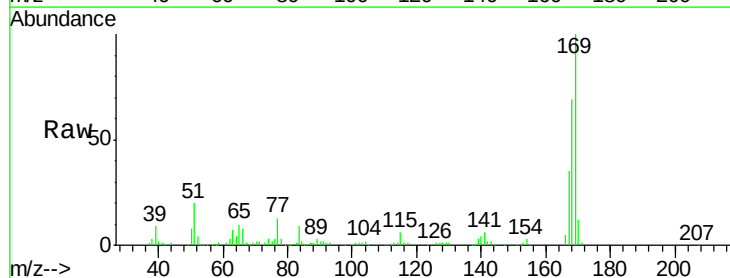
Instrument :
 BNA_M
 ClientSampleId :

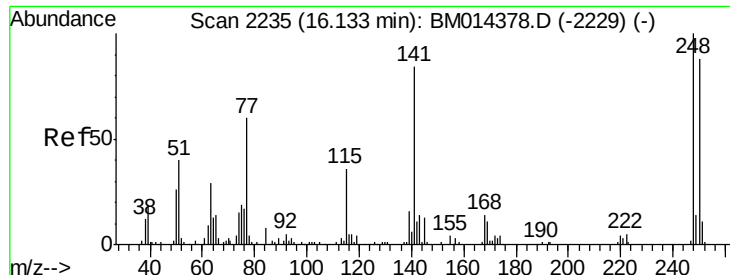
Tot Ion:198 Resp: 37135
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.8 5.6
 77 41.5 25.2 37.8#



#64
 N-Nitrosodiphenylamine
 Concen: 20.867 ng/ul
 RT: 15.46 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BM014394.D
 Acq: 27 Feb 2018 22:02

Tgt Ion:169 Resp: 303771
 Ion Ratio Lower Upper
 169 100
 168 68.6 54.0 81.0
 167 34.6 29.1 43.7

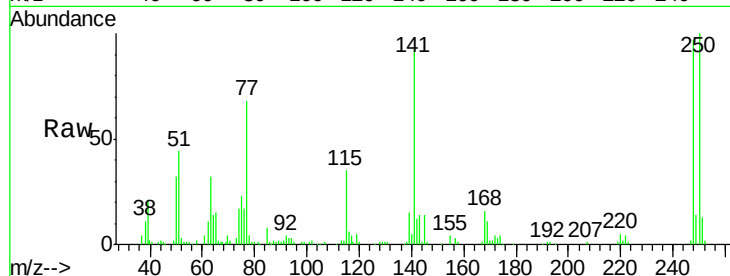




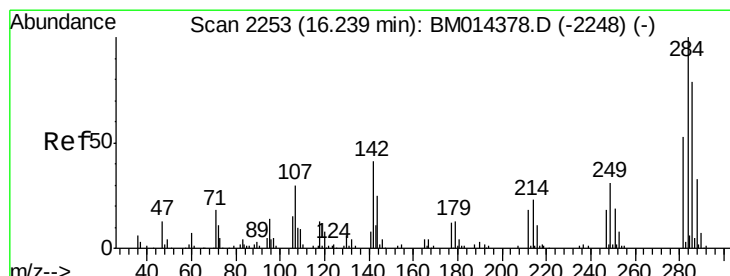
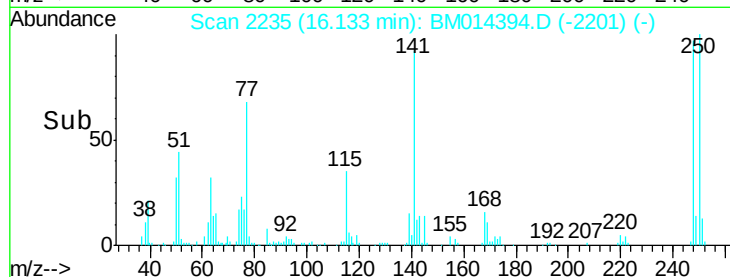
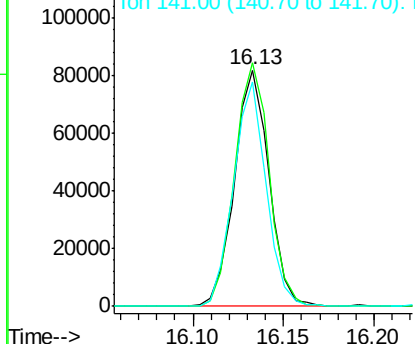
#65
4-Bromophenyl-phenylether
Concen: 19.048 ng/ul
RT: 16.13 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BM014394.D
Acq: 27 Feb 2018 22:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 107676
Ion Ratio Lower Upper
248 100
250 103.0 80.5 120.7
141 95.1 53.6 80.4#

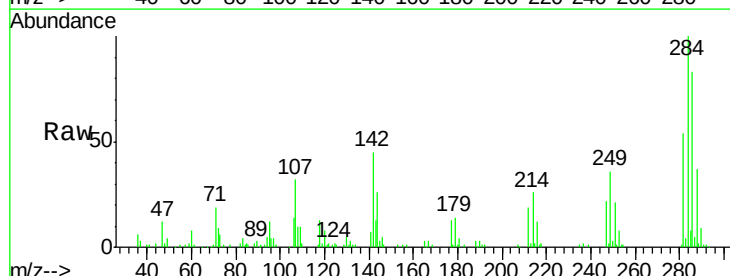


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

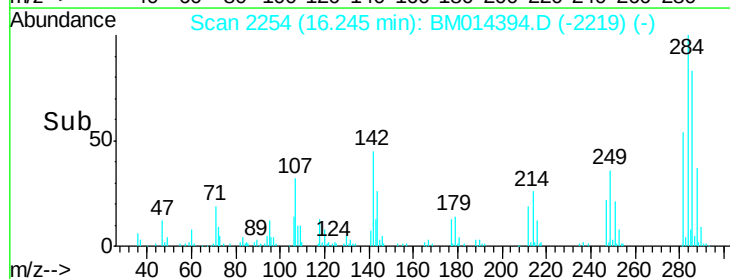
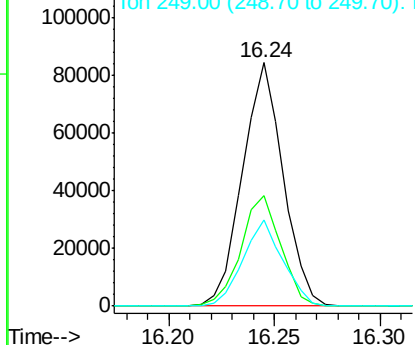


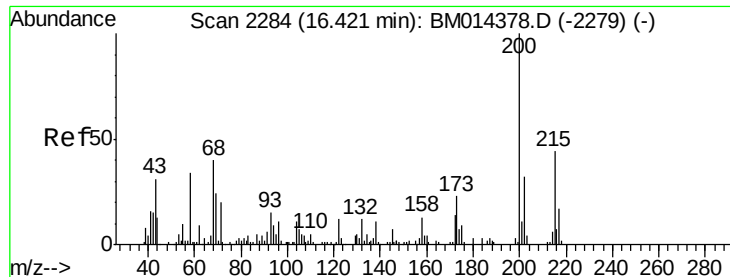
#66
Hexachlorobenzene
Concen: 18.918 ng/ul
RT: 16.24 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BM014394.D
Acq: 27 Feb 2018 22:02

Tgt Ion:284 Resp: 112459
Ion Ratio Lower Upper
284 100
142 45.4 21.2 31.8#
249 35.6 24.5 36.7



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#67

Atrazine

Concen: 18.551 ng/ul

RT: 16.43 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

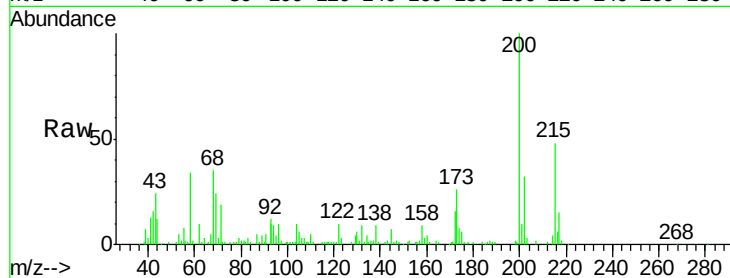
Tot Ion:200 Resp: 106655

Ion Ratio Lower Upper

200 100

173 26.0 18.2 27.2

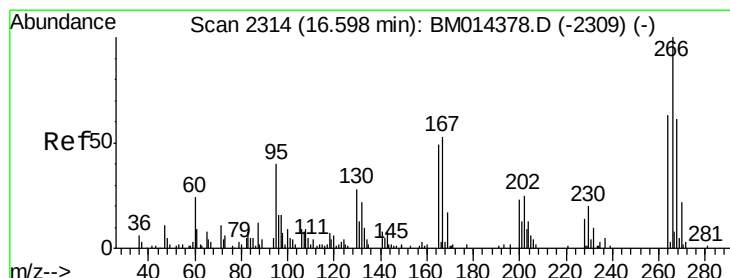
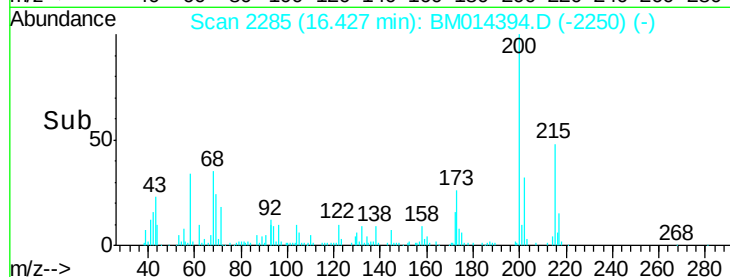
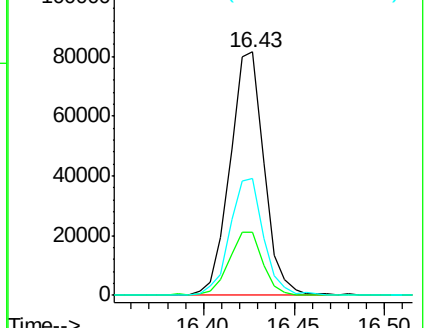
215 48.1 35.0 52.4



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



#68

Pentachlorophenol

Concen: 17.593 ng/ul

RT: 16.60 min Scan# 2315

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

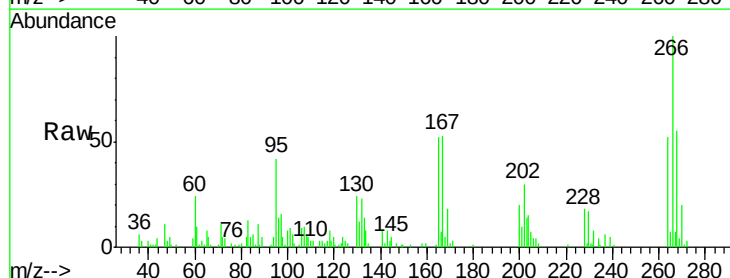
Tgt Ion:266 Resp: 54801

Ion Ratio Lower Upper

266 100

264 52.2 49.3 73.9

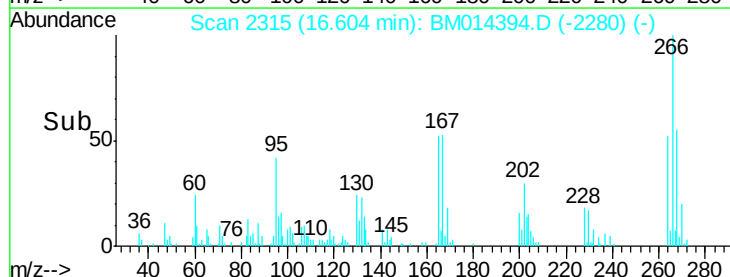
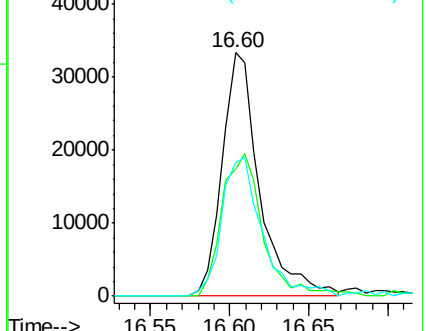
268 54.8 52.6 78.8

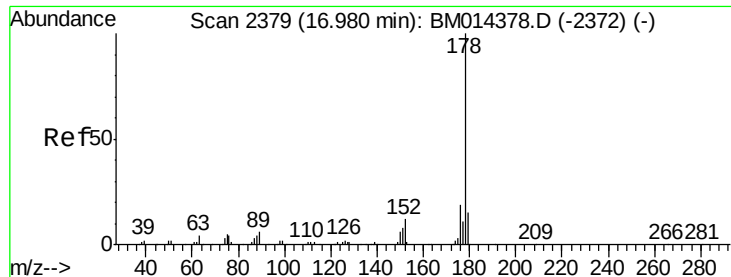


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.152 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

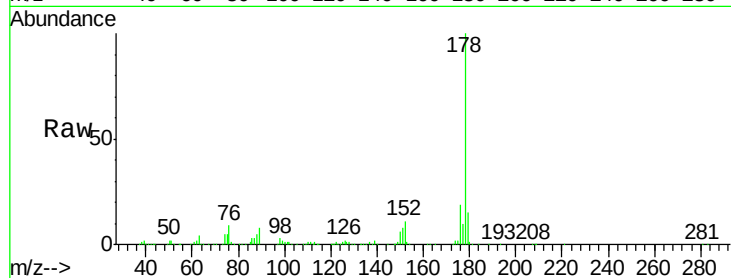
Tot Ion:178 Resp: 559003

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

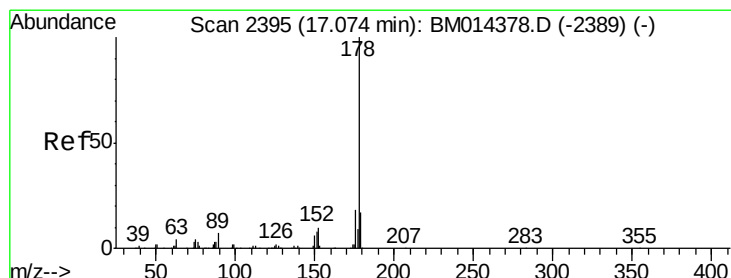
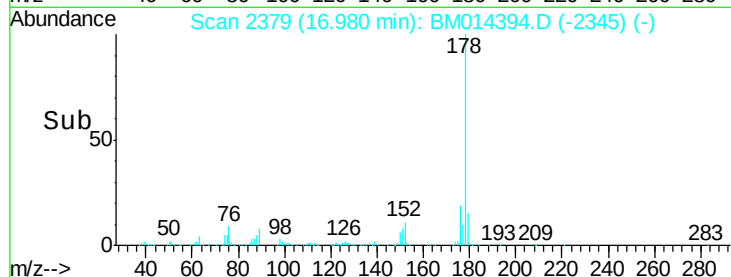
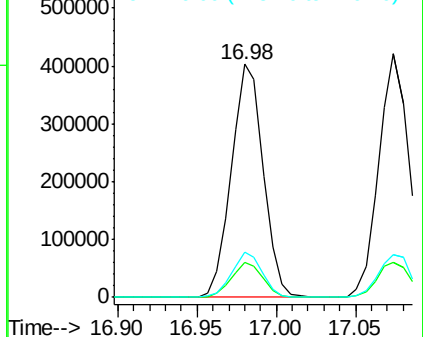
176 19.3 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.075 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

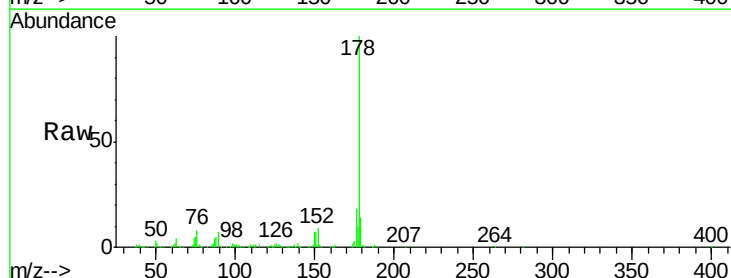
Tgt Ion:178 Resp: 559914

Ion Ratio Lower Upper

178 100

179 14.1 11.7 17.5

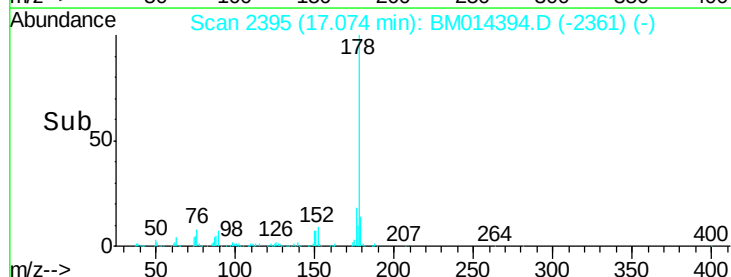
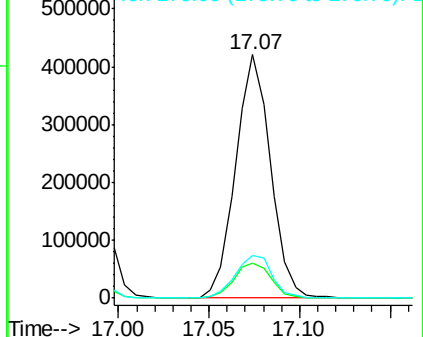
176 17.7 14.6 21.8

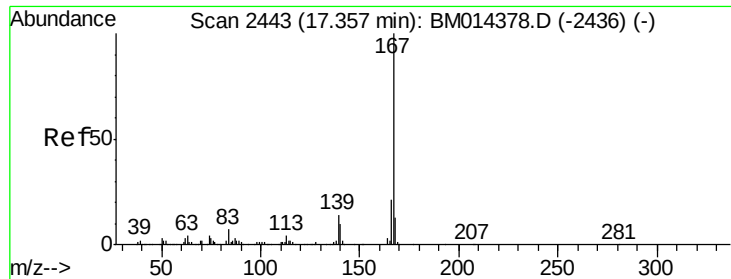


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

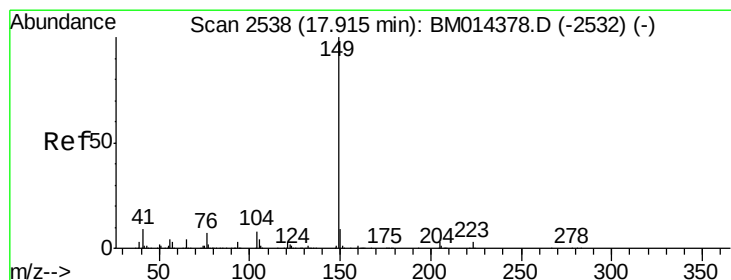
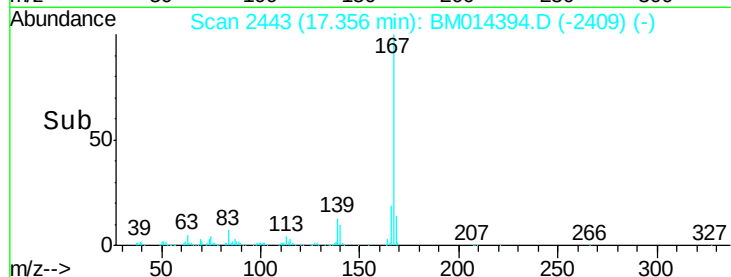
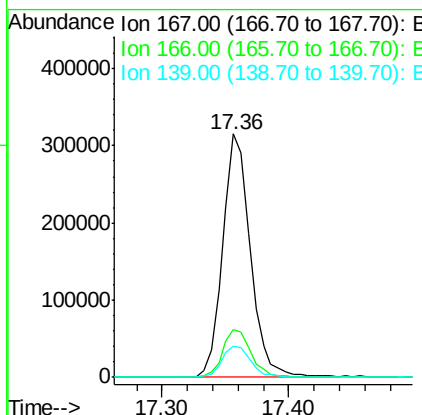
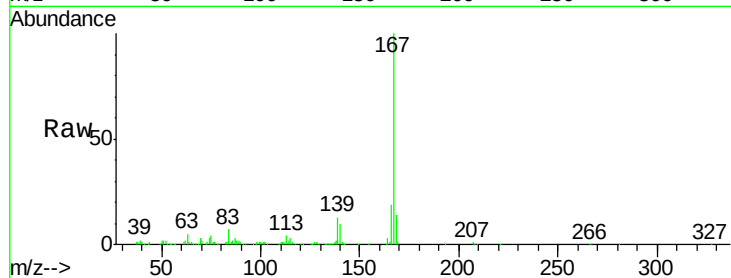




#72
 Carbazole
 Concen: 19.337 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BM014394.D
 Acq: 27 Feb 2018 22:02

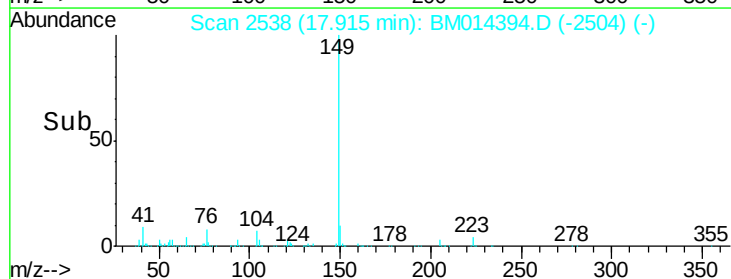
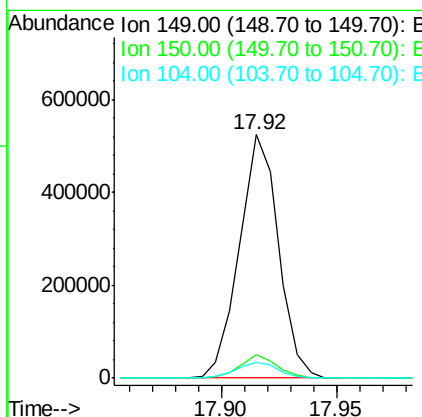
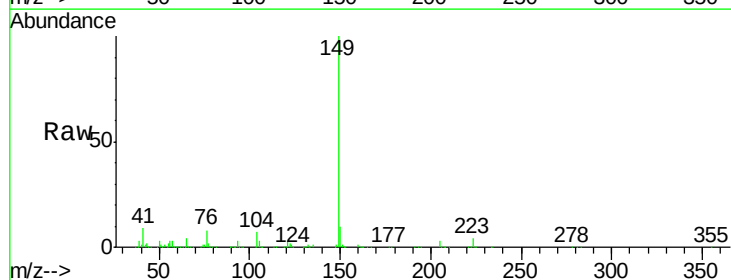
Instrument :
 BNA_M
 ClientSampleId :

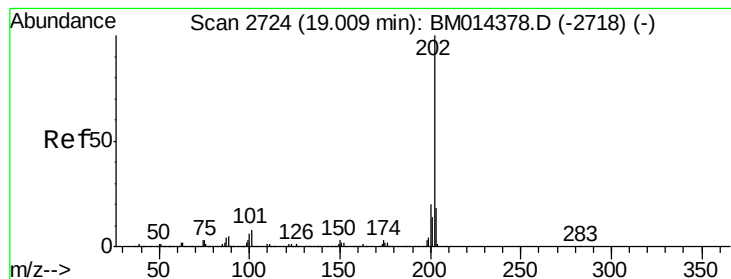
Tot Ion:167 Resp: 477269
 Ion Ratio Lower Upper
 167 100
 166 19.5 17.1 25.7
 139 13.0 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 19.386 ng/ul
 RT: 17.92 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BM014394.D
 Acq: 27 Feb 2018 22:02

Tgt Ion:149 Resp: 617310
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.1 10.7
 104 6.6 5.6 8.4





#74

Fluoranthene

Concen: 18.240 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

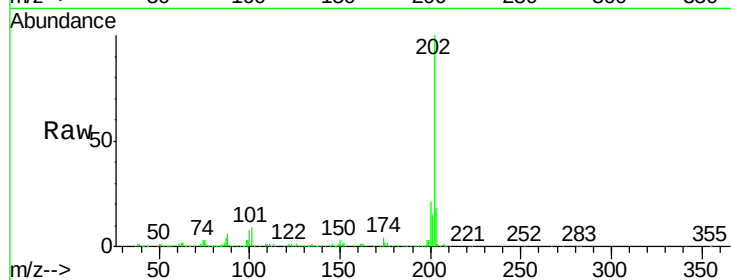
Tot Ion:202 Resp: 636059

Ion Ratio Lower Upper

202 100

101 8.6 4.6 7.0#

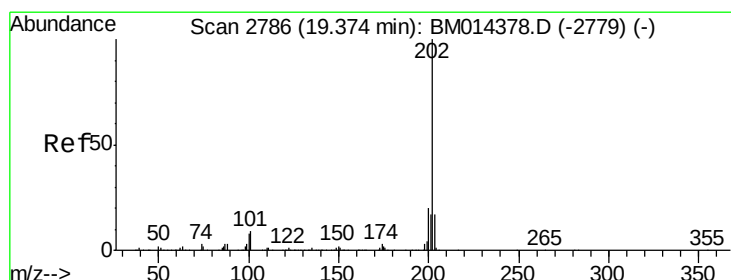
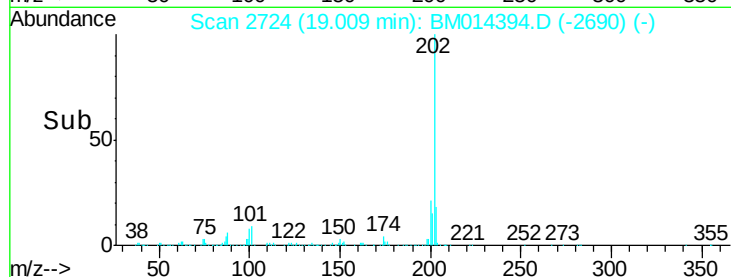
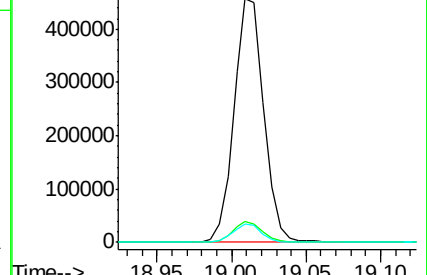
100 7.5 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 20.409 ng/ul

RT: 19.38 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

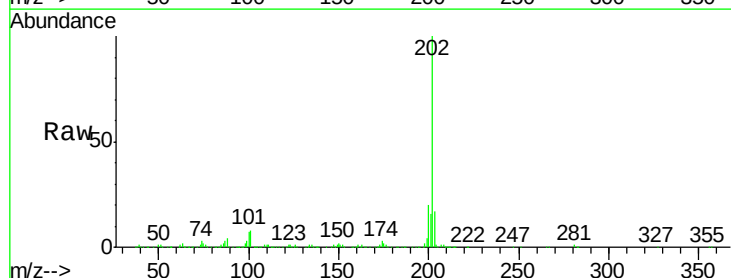
Tgt Ion:202 Resp: 645256

Ion Ratio Lower Upper

202 100

101 8.2 5.1 7.7#

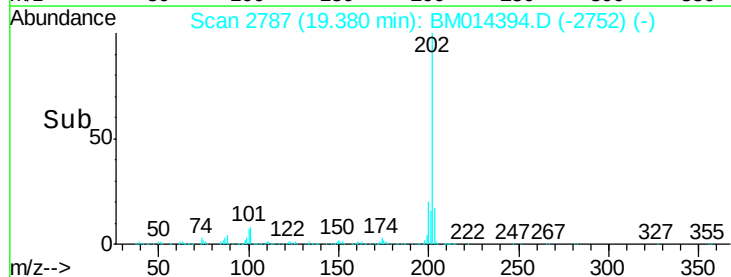
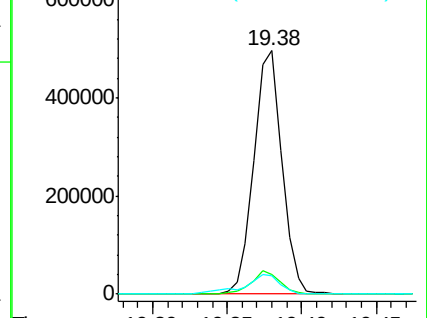
100 7.3 4.9 7.3

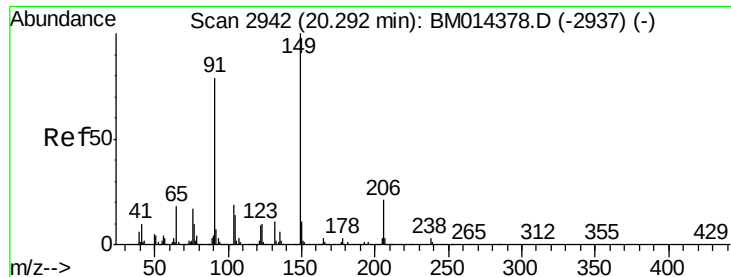


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 21.164 ng/ul

RT: 20.29 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

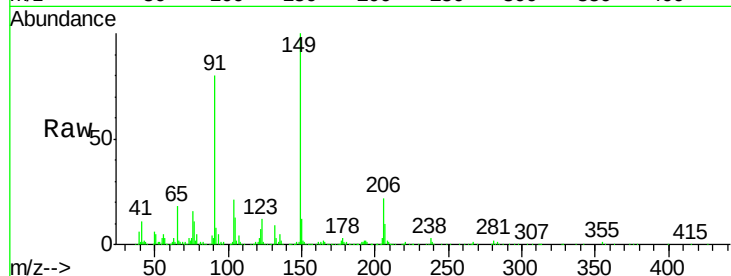
Tot Ion:149 Resp: 276661

Ion Ratio Lower Upper

149 100

91 79.7 62.7 94.1

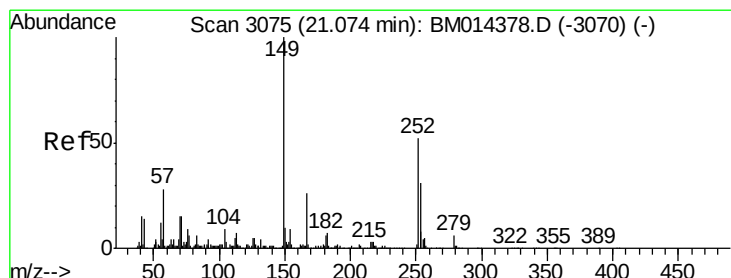
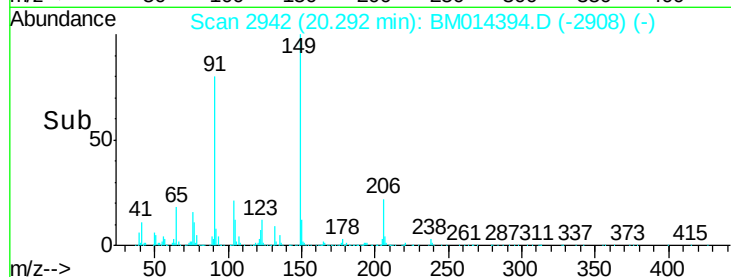
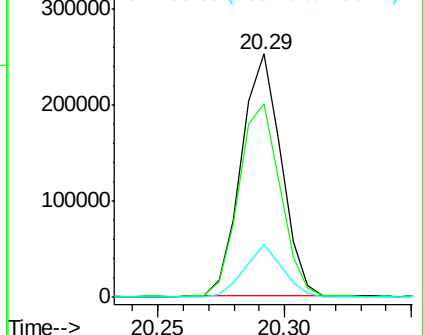
206 21.5 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 17.879 ng/ul

RT: 21.08 min Scan# 3076

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

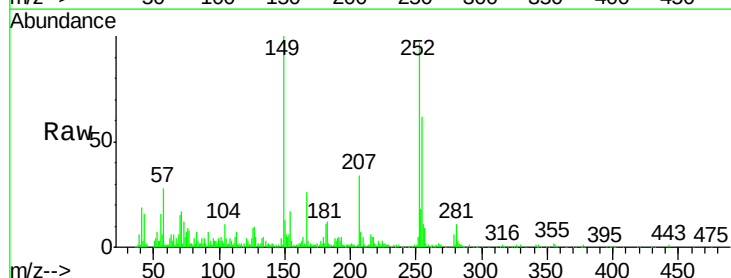
Tgt Ion:252 Resp: 149538

Ion Ratio Lower Upper

252 100

254 63.4 54.5 81.7

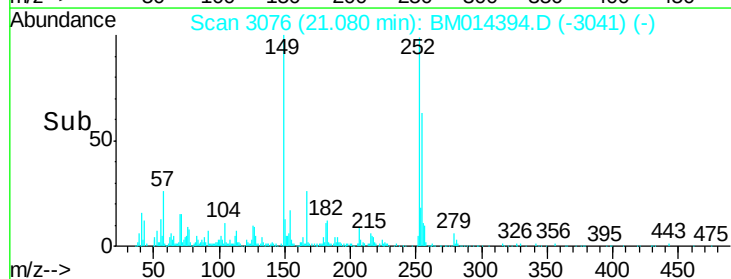
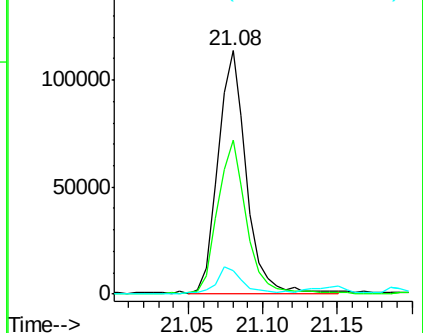
126 9.8 5.8 8.8#

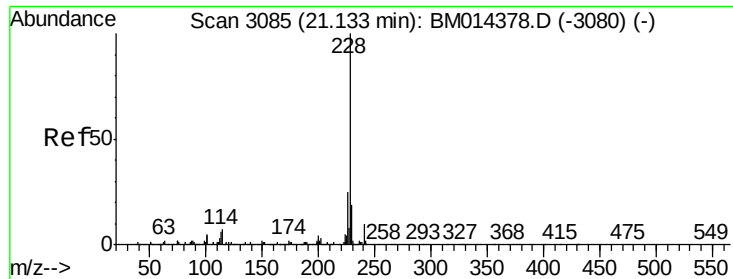


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.693 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Instrument :

BNA_M

ClientSampleId :

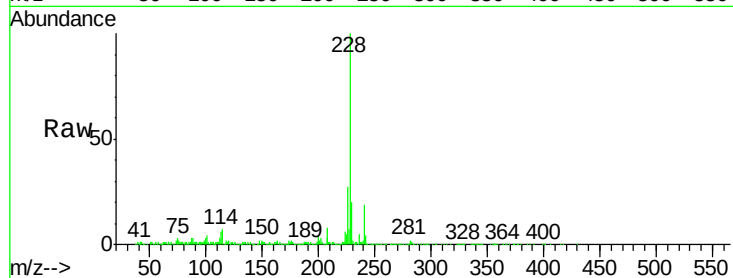
Tot Ion:228 Resp: 584701

Ion Ratio Lower Upper

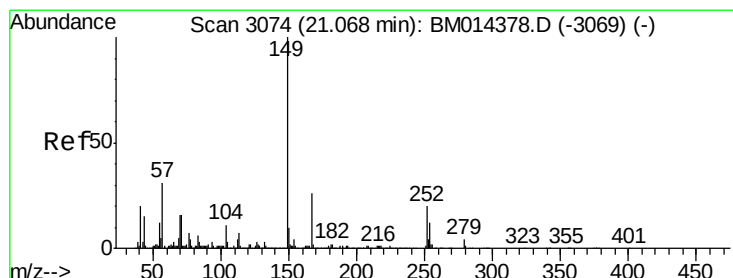
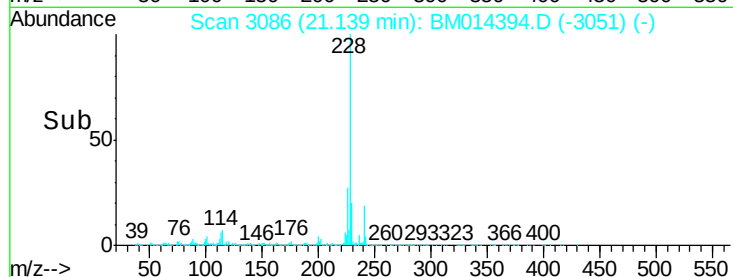
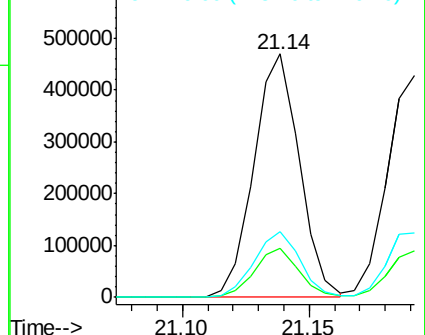
228 100

229 20.0 15.4 23.0

226 26.7 21.4 32.0



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.043 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

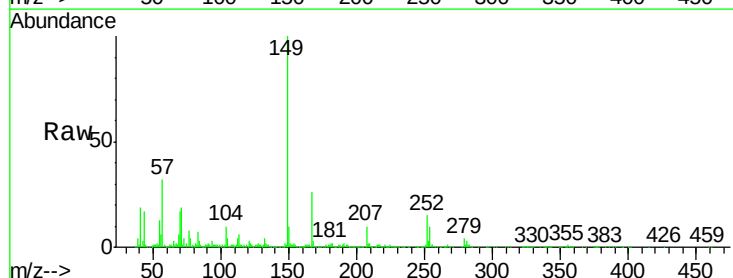
Tgt Ion:149 Resp: 375238

Ion Ratio Lower Upper

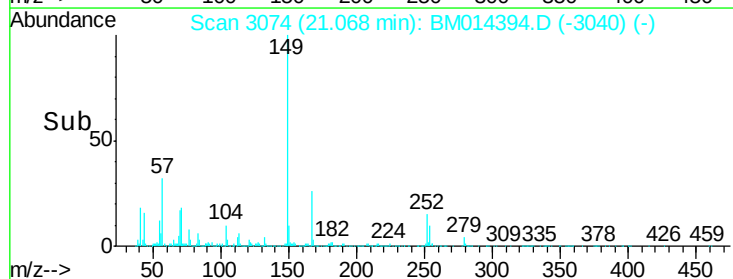
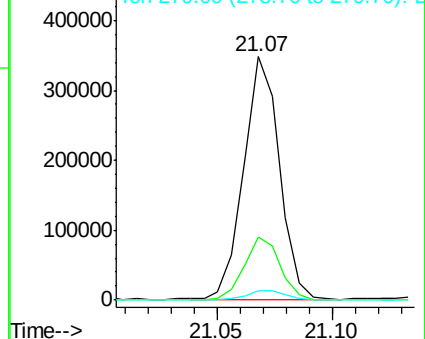
149 100

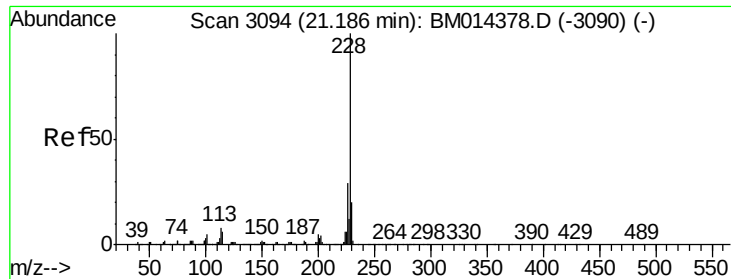
167 25.7 22.8 34.2

279 4.0 4.9 7.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.112 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

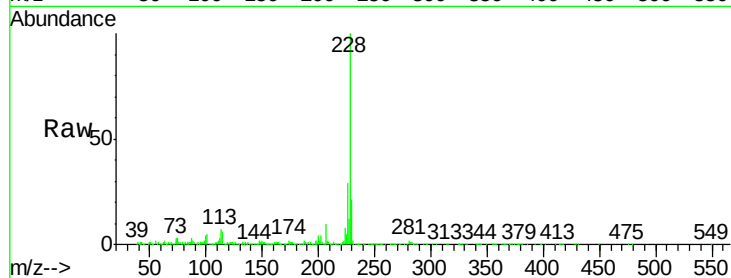
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 529356

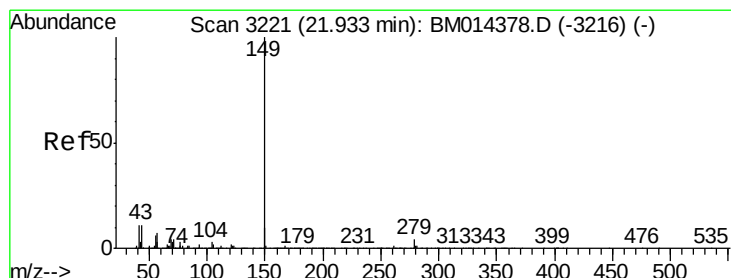
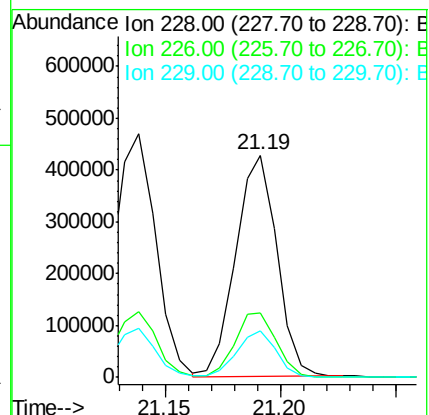
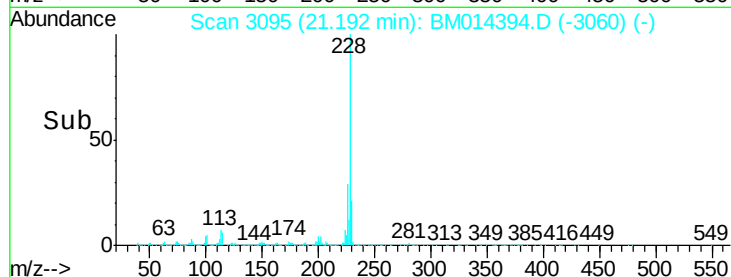
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	21.0	15.5	23.3



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



#84

Di-n-octyl phthalate

Concen: 15.581 ng/ul

RT: 21.93 min Scan# 3221

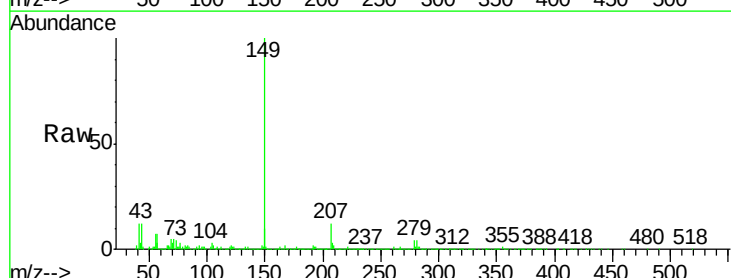
Delta R.T. -0.00 min

Lab File: BM014394.D

Acq: 27 Feb 2018 22:02

Tgt Ion:149 Resp: 629127

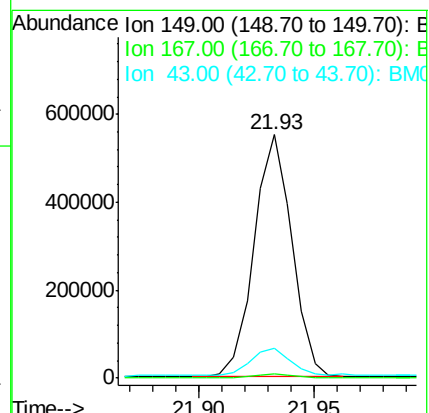
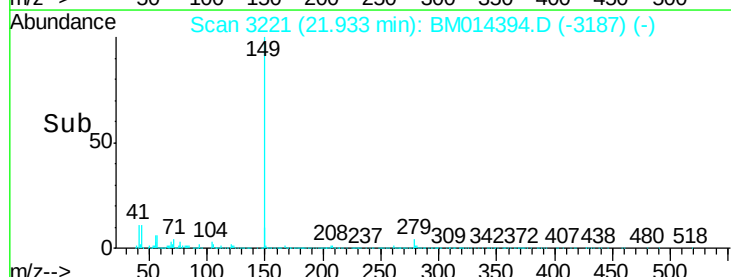
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.4	7.3	10.9

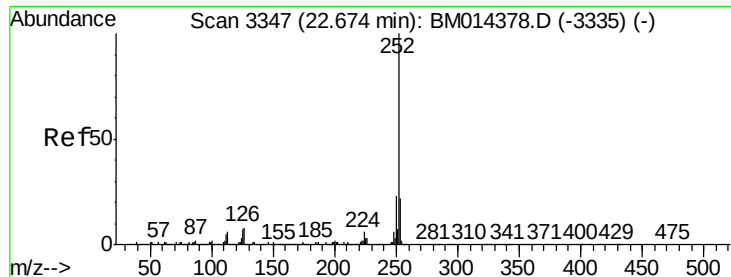


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

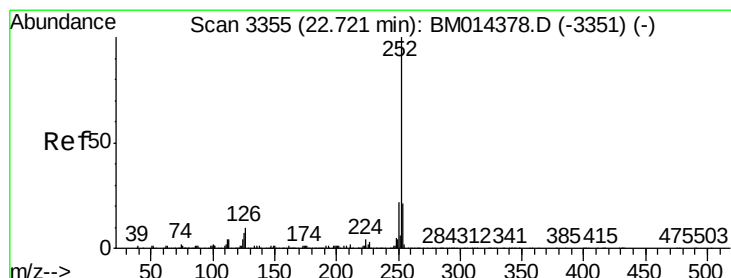
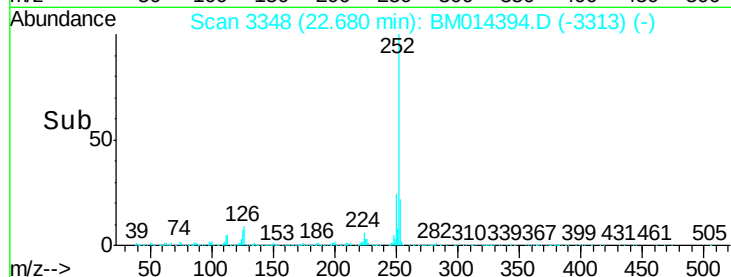
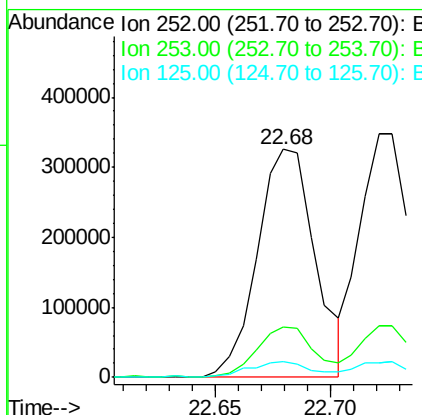
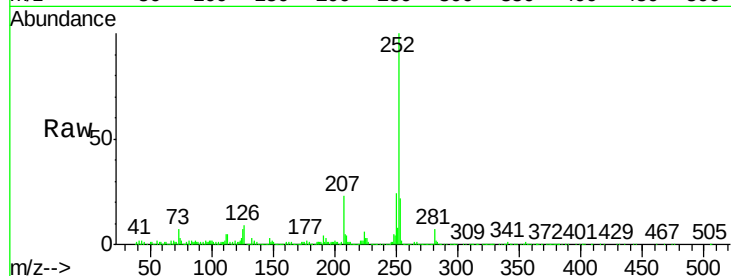




#85
Benzo(b)fluoranthene
Concen: 17.877 ng/ul
RT: 22.68 min Scan# 3348
Delta R.T. 0.01 min
Lab File: BM014394.D
Acq: 27 Feb 2018 22:02

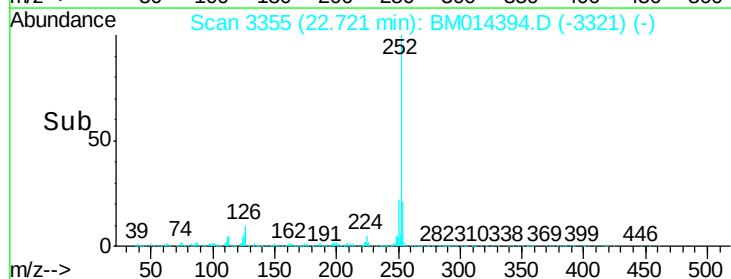
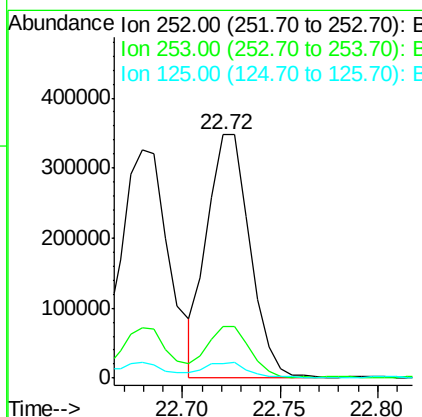
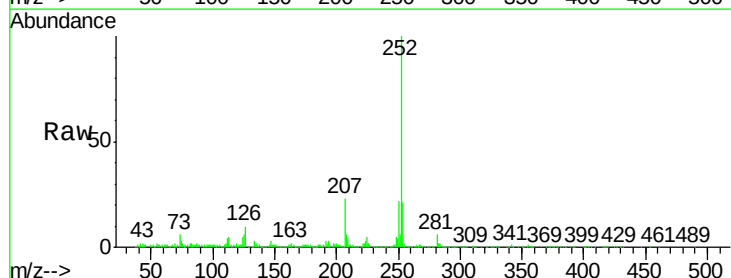
Instrument :
BNA_M
ClientSampleId :

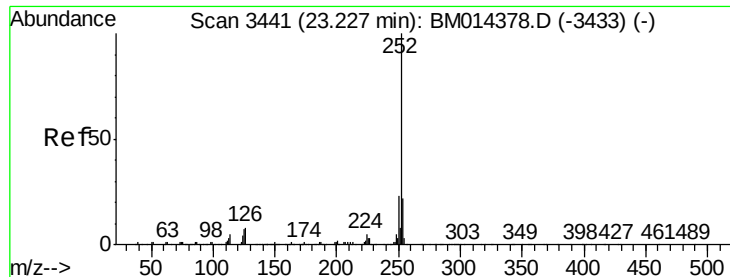
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	7.0	3.6	5.4



#86
Benzo(k)fluoranthene
Concen: 17.621 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BM014394.D
Acq: 27 Feb 2018 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	6.2	3.4	5.2





#88

Benzo(a)pyrene

Concen: 18.929 ng/ul

RT: 23.24 min Scan# 3443

Delta R.T. 0.01 min

Lab File: BM014394.D

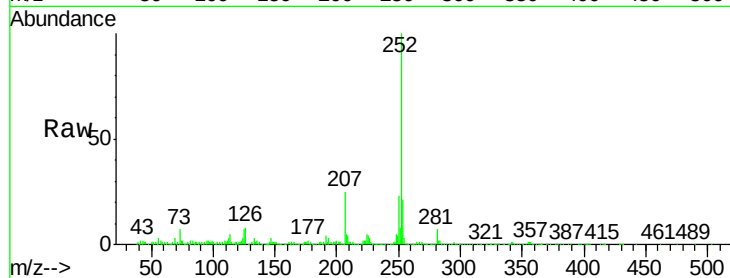
Acq: 27 Feb 2018 22:02

Instrument :

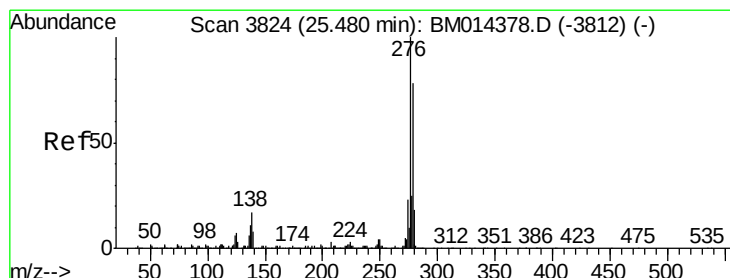
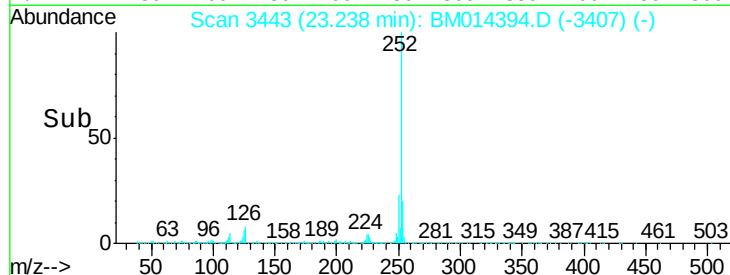
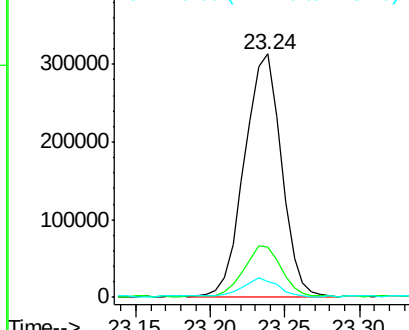
BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	532929
Ion Ratio	Lower	Upper	
252	100		
253	20.6	18.2	27.2
125	6.6	4.0	6.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 22.851 ng/ul

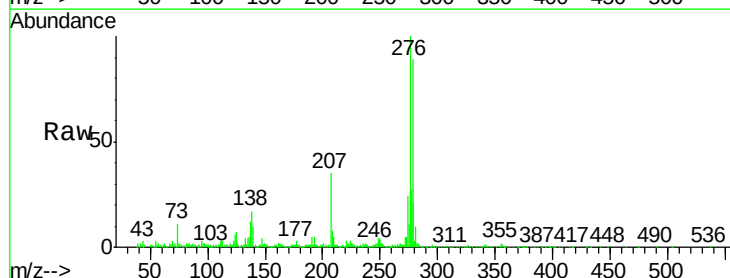
RT: 25.49 min Scan# 3826

Delta R.T. 0.01 min

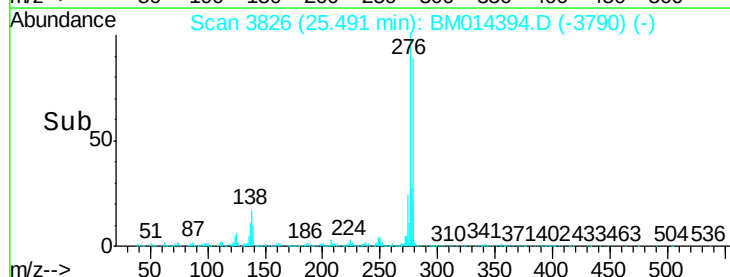
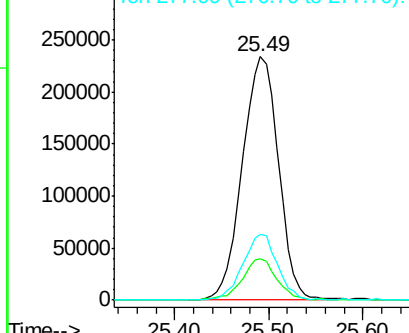
Lab File: BM014394.D

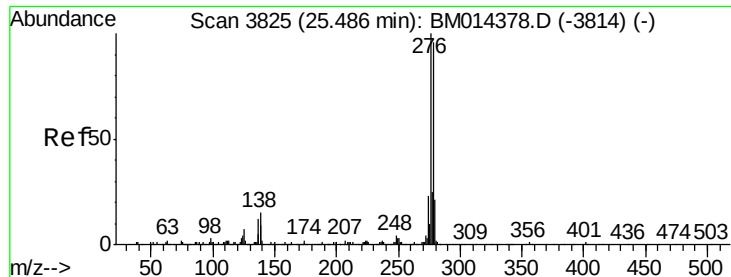
Acq: 27 Feb 2018 22:02

Tgt Ion:	276	Resp:	624281
Ion Ratio	Lower	Upper	
276	100		
138	17.1	9.3	13.9#
277	27.1	19.9	29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



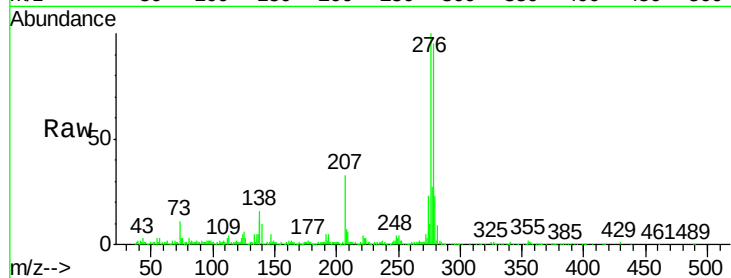


#90

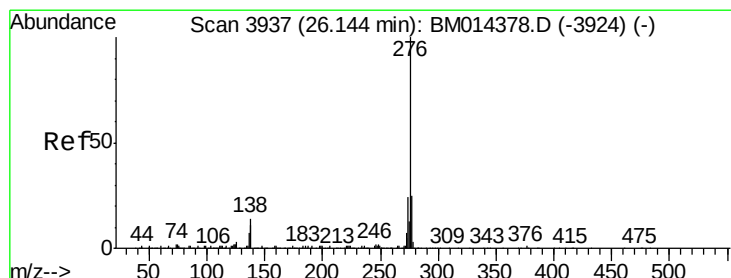
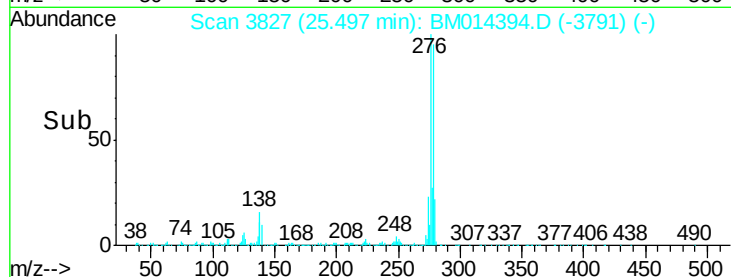
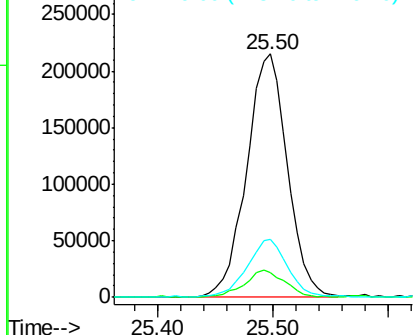
Dibenzo(a,h)anthracene
Concen: 23.167 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.01 min
Lab File: BM014394.D
Acq: 27 Feb 2018 22:02

Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 525913
Ion Ratio Lower Upper
278 100
139 10.3 5.8 8.8#
279 24.1 18.6 27.8



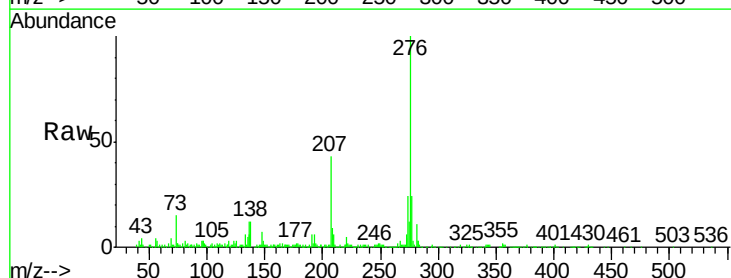
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene
Concen: 23.443 ng/ul
RT: 26.15 min Scan# 3938
Delta R.T. 0.01 min
Lab File: BM014394.D
Acq: 27 Feb 2018 22:02

Tgt Ion:276 Resp: 518833
Ion Ratio Lower Upper
276 100
138 11.6 8.5 12.7
277 24.0 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

