

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 04:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	412304	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1692279	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	868202	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1749697	20.00	ng/ul	0.02
75) Chrysene-d12	21.95	240	1726370	20.00	ng/ul	0.02
83) Perylene-d12	24.28	264	3729902	20.00	ng/ul	-0.14

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	61822	6.55	ng/uL	0.00
5) Phenol-d5	7.65	99	1150144	36.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	781647	38.24	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	961827	36.07	ng/ul	0.00
13) 4-Methylphenol-d8	9.23	113	890192	35.02	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	455967	37.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	482839	39.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	854525	34.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	1104632	45.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	2537089	37.44	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	3055825	36.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	421061	33.48	ng/ul	0.00
57) Fluorene-d10	16.11	176	2177315	36.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	137976	14.57	ng/ul	0.04
70) Anthracene-d10	17.97	188	3263247	40.02	ng/ul	0.03
76) Pyrene-d10	20.20	212	3306334	40.48	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.28	264	3387059	18.48	ng/ul	0.02

Target Compounds

				Ovalue	
4) Benzaldehyde	7.65	77	19135	1.141	ng/ul# 24
6) Phenol	7.67	94	1361580	43.417	ng/ul# 79
10) 2-Chlorophenol	8.08	128	979260	37.293	ng/ul 96
14) Acetophenone	9.34	105	40713	1.093	ng/ul# 53
15) N-Nitroso-di-n-propylamine	9.34	70	839577	43.436	ng/ul# 78
17) Hexachloroethane	9.65	117	16756	1.560	ng/ul# 1
21) Isophorone	10.28	82	180316	3.607	ng/ul# 1
23) 2-Nitrophenol	10.46	139	15125	1.143	ng/ul# 1
24) 2,4-Dimethylphenol	10.57	107	76917	2.751	ng/ul# 50
28) Naphthalene	11.42	128	308644	3.743	ng/ul# 95
32) Caprolactam	12.23	113	9763	1.434	ng/ul# 1
33) 4-Chloro-3-methylphenol	12.60	107	957517	40.048	ng/ul 92
34) 2-Methylnaphthalene	12.99	142	508138	8.873	ng/ul 96
40) 1,1'-Biphenyl	13.97	154	539540	7.728	ng/ul# 98
44) Dimethylphthalate	14.57	163	386273	5.896	ng/ul# 98
47) Acenaphthylene	14.86	152	1252308	15.445	ng/ul 97
49) Acenaphthene	15.20	153	5917931	102.706	ng/ul 97
52) 4-Nitrophenol	15.30	109	296768	32.739	ng/ul# 80
53) Dibenzofuran	15.52	168	6141554	76.756	ng/ul 100
54) 2,4-Dinitrotoluene	15.48	165	888921	50.211	ng/ul# 83
58) Fluorene	16.17	166	13355660	206.717	ng/ul# 97
60) 4-Nitroaniline	16.17	138	157811	11.441	ng/ul# 15
64) N-Nitrosodiphenylamine	16.36	169	280098	5.520	ng/ul 96

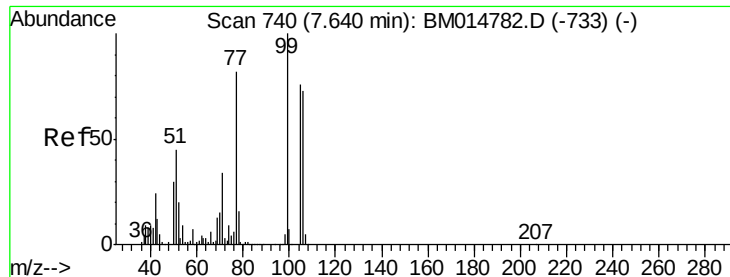
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) Pentachlorophenol	17.52	266	482889	39.547	ng/ul	98
69) Phenanthrene	18.00	178	3584221	38.144	ng/ul#	68
71) Anthracene	18.00	178	3584221	37.585	ng/ul#	66
72) Carbazole	18.23	167	581095	7.143	ng/ul#	85
73) Di-n-butylphthalate	18.76	149	298642	3.019	ng/ul#	1
74) Fluoranthene	19.85	202	3071569	29.982	ng/ul#	69
77) Pyrene	20.13	202	453141	4.492	ng/ul#	78
78) Butylbenzylphthalate	21.04	149	1158109	28.143	ng/ul	91
80) Benzo(a)anthracene	21.98	228	1409922	13.966	ng/ul#	82
81) Bis(2-ethylhexyl)phthalate	21.80	149	14640850	242.385	ng/ul#	81
82) Chrysene	21.98	228	1409922	14.918	ng/ul#	86
88) Benzo(a)pyrene	24.11	252	552649	2.650	ng/ul#	1

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



#4

Benzaldehyde

Concen: 1.141 ng/ul

RT: 7.65 min Scan# 741

Delta R.T. 0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampled :

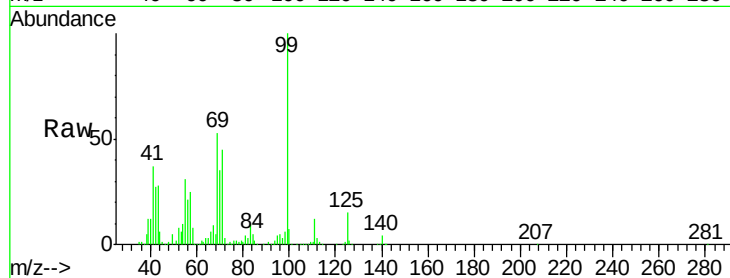
Tot Ion: 77 Resp: 19135

Ion Ratio Lower Upper

77 100

105 21.8 66.1 99.1#

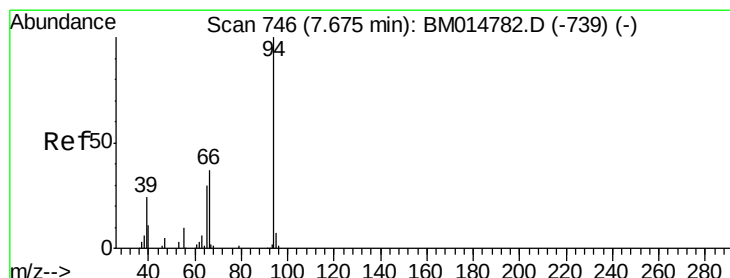
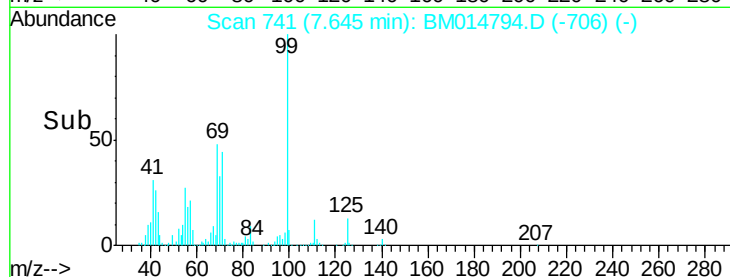
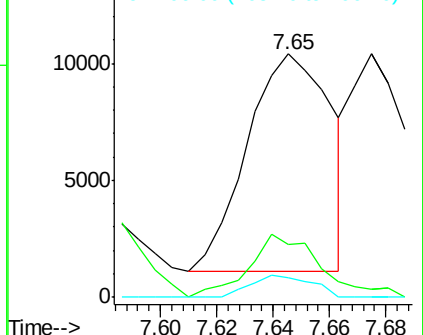
106 7.9 67.8 101.6#



Abundance Ion 77.00 (76.70 to 77.70): BM014782.D (-733) (-)

Ion 105.00 (104.70 to 105.70): BM014782.D (-733) (-)

Ion 106.00 (105.70 to 106.70): BM014782.D (-733) (-)



#6

Phenol

Concen: 43.417 ng/ul

RT: 7.67 min Scan# 746

Delta R.T. -0.00 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

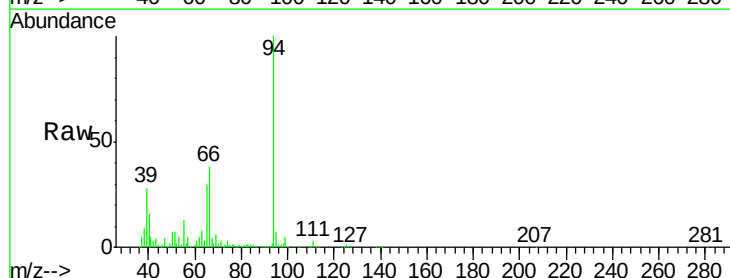
Tgt Ion: 94 Resp: 1361580

Ion Ratio Lower Upper

94 100

65 30.1 28.2 42.4

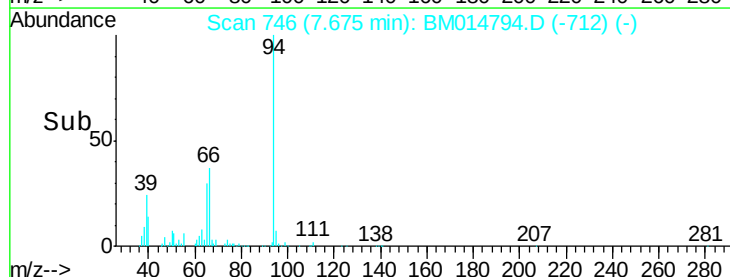
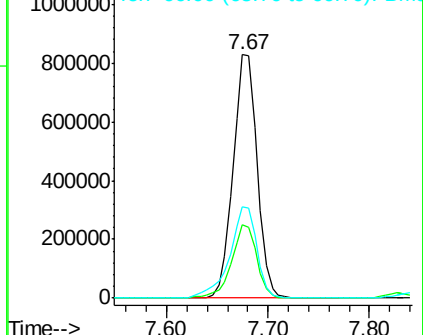
66 37.6 47.2 70.8#

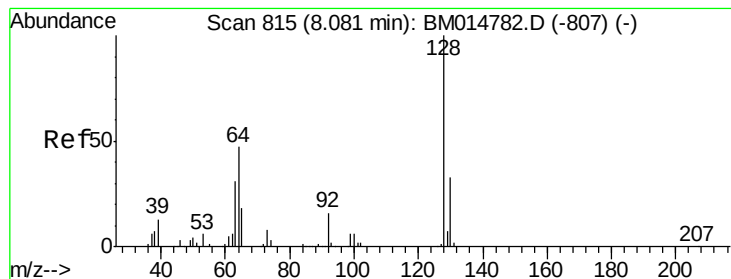


Abundance Ion 94.00 (93.70 to 94.70): BM014782.D (-739) (-)

Ion 65.00 (64.70 to 65.70): BM014782.D (-739) (-)

Ion 66.00 (65.70 to 66.70): BM014782.D (-739) (-)





#10

2-Chlorophenol

Concen: 37.293 ng/ul

RT: 8.08 min Scan# 815

Delta R.T. -0.00 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampled :

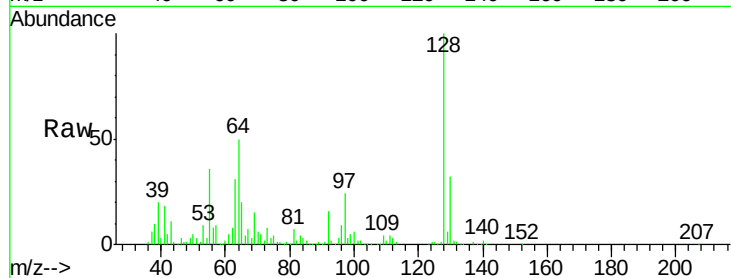
Tot Ion:128 Resp: 979260

Ion Ratio Lower Upper

128 100

64 50.1 38.0 57.0

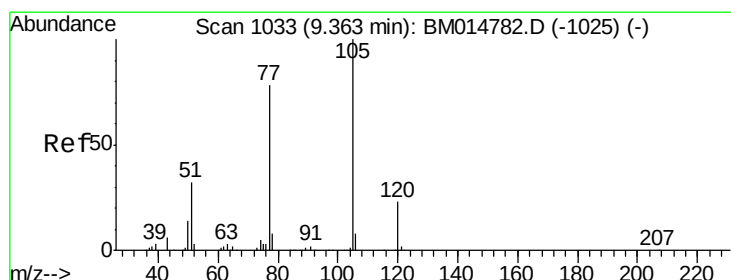
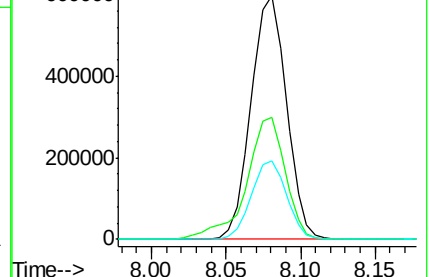
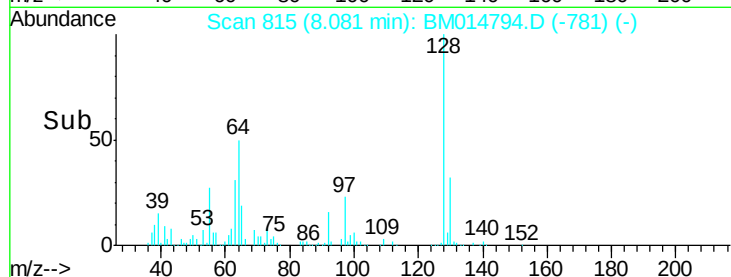
130 32.2 24.4 36.6



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



#14

Acetophenone

Concen: 1.093 ng/ul

RT: 9.34 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

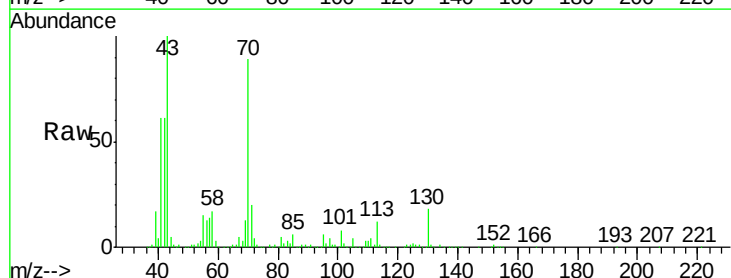
Tgt Ion:105 Resp: 40713

Ion Ratio Lower Upper

105 100

77 38.2 74.2 111.4#

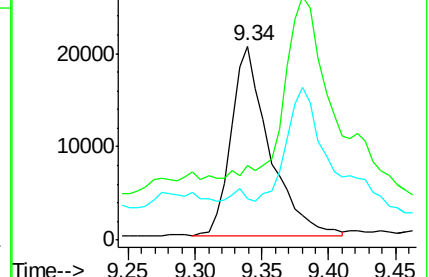
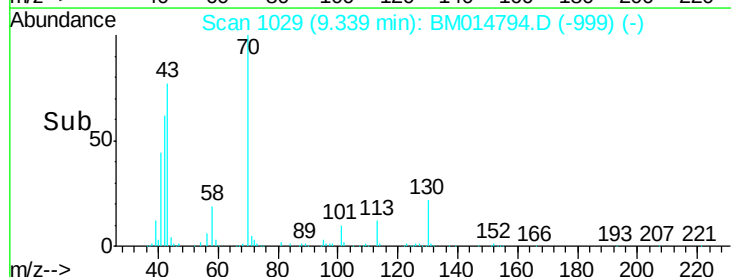
51 21.6 23.4 35.2#

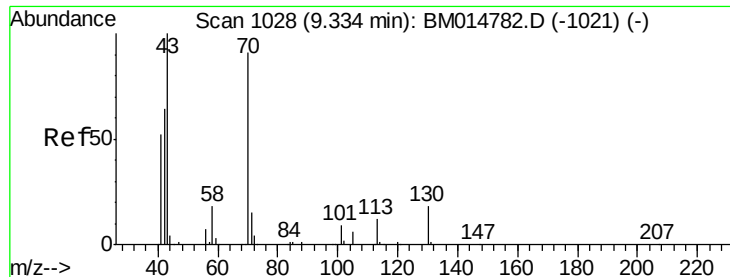


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 43.436 ng/ul

RT: 9.34 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 839577

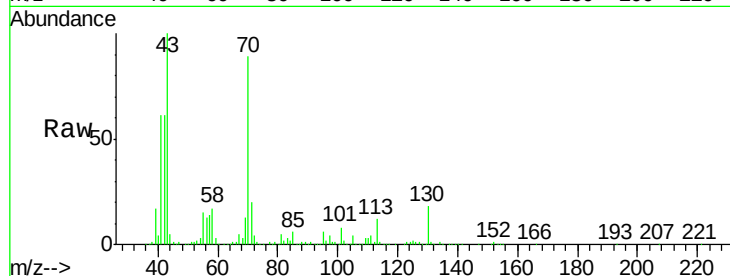
Ion Ratio Lower Upper

70 100

42 68.2 76.0 114.0#

101 9.2 6.7 10.1

130 20.8 14.6 22.0

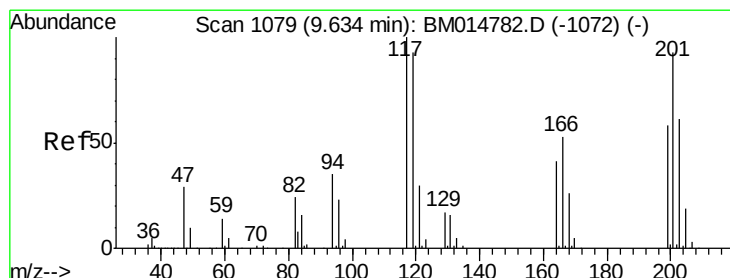
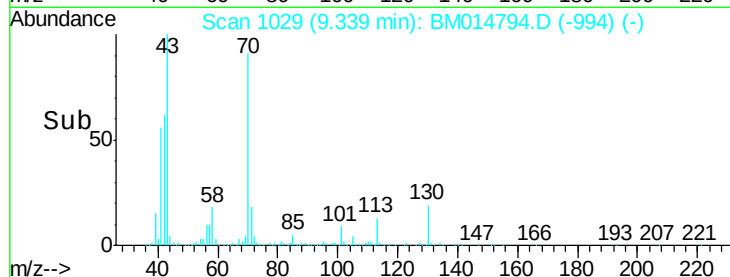
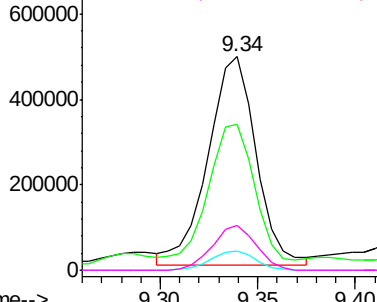


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#17

Hexachloroethane

Concen: 1.560 ng/ul

RT: 9.65 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

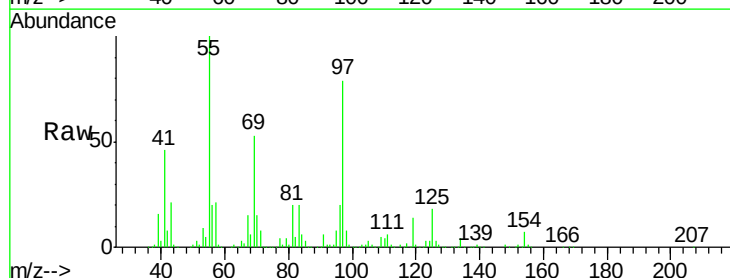
Tgt Ion:117 Resp: 16756

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

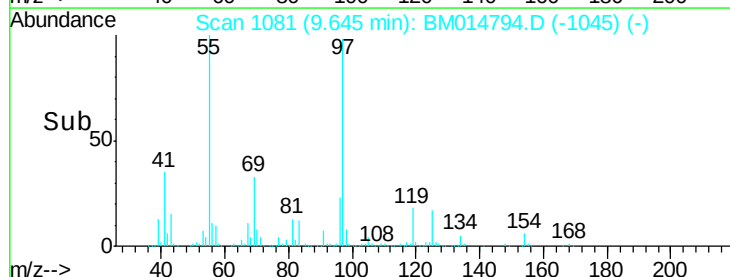
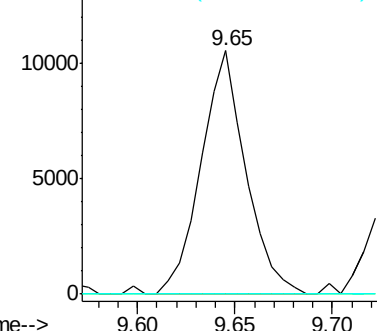
199 0.0 67.8 101.6#

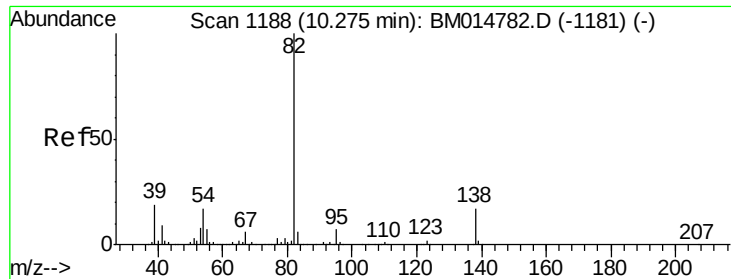


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 3.607 ng/ul

RT: 10.28 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampleId :

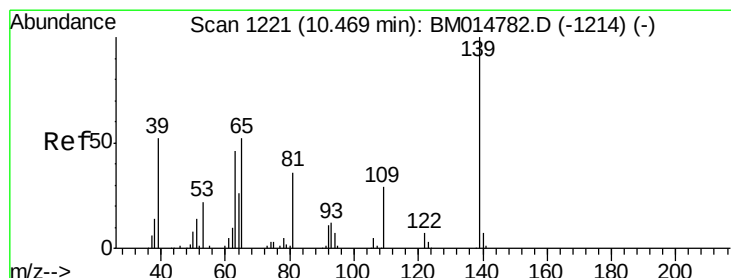
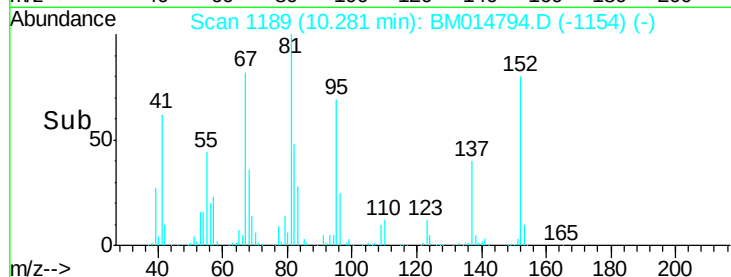
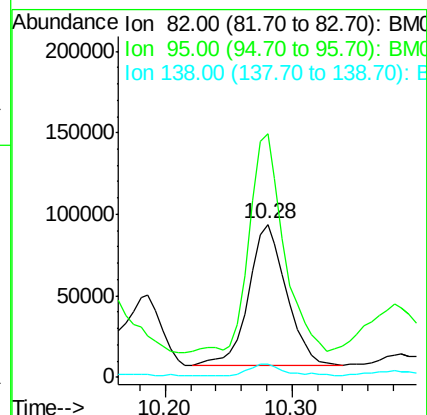
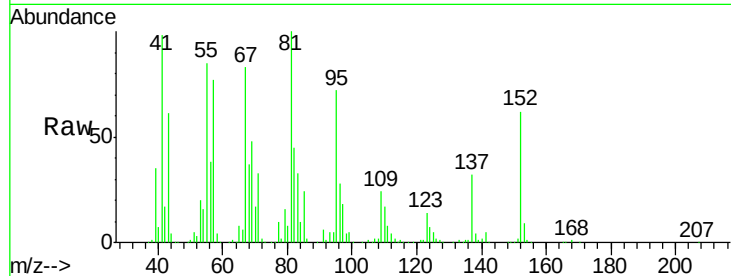
Tot Ion: 82 Resp: 180316

Ion Ratio Lower Upper

82 100

95 159.3 7.8 11.8#

138 9.0 11.9 17.9#



#23

2-Nitrophenol

Concen: 1.143 ng/ul

RT: 10.46 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

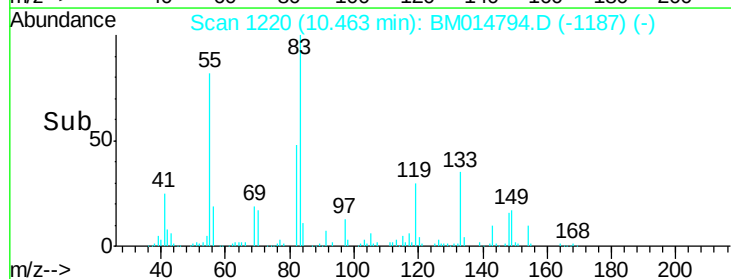
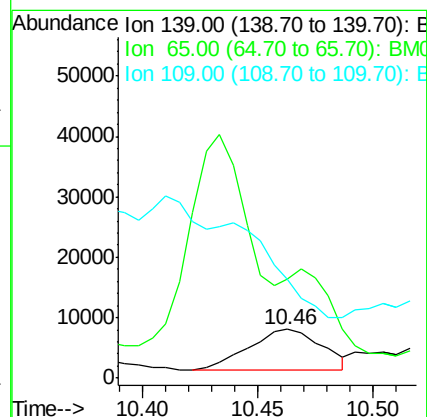
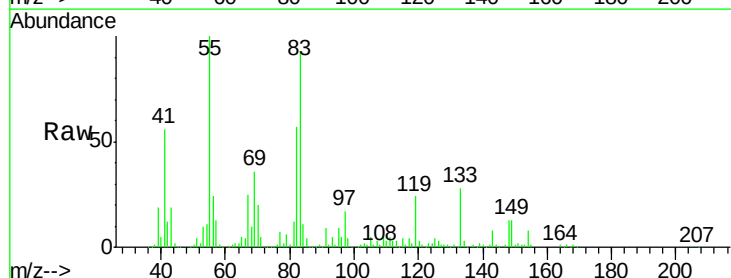
Tgt Ion: 139 Resp: 15125

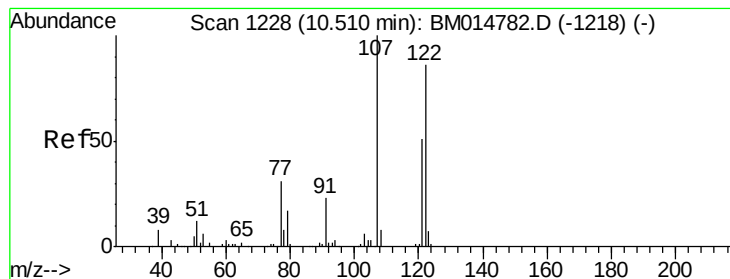
Ion Ratio Lower Upper

139 100

65 202.9 55.4 83.0#

109 202.2 42.2 63.2#





#24

2,4-Dimethylphenol

Concen: 2.751 ng/ul

RT: 10.57 min Scan# 1238

Delta R.T. 0.06 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampled :

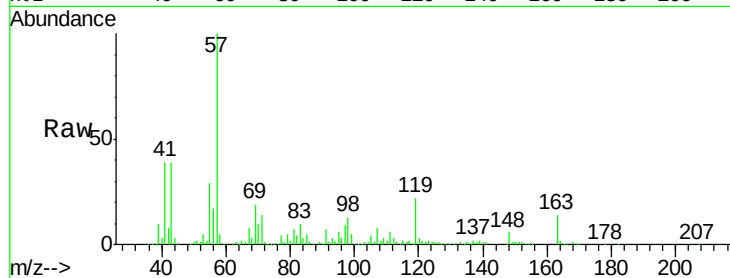
Tot Ion:107 Resp: 76917

Ion Ratio Lower Upper

107 100

121 27.5 31.9 47.9#

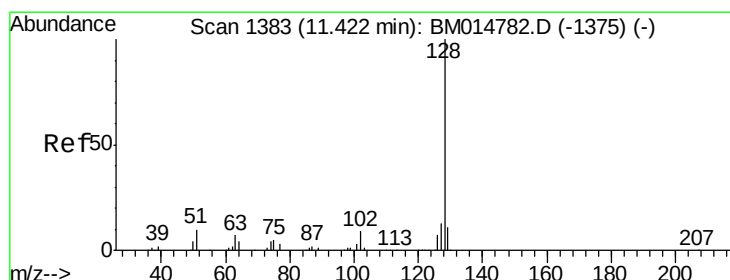
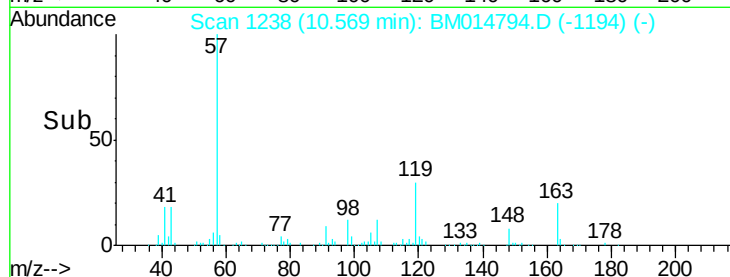
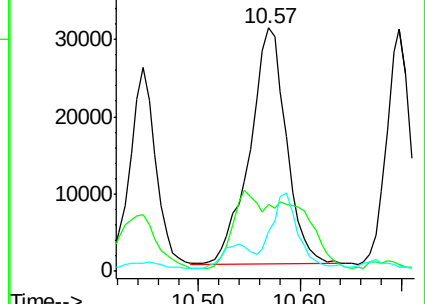
122 16.6 57.8 86.6#



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



#28

Naphthalene

Concen: 3.743 ng/ul

RT: 11.42 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

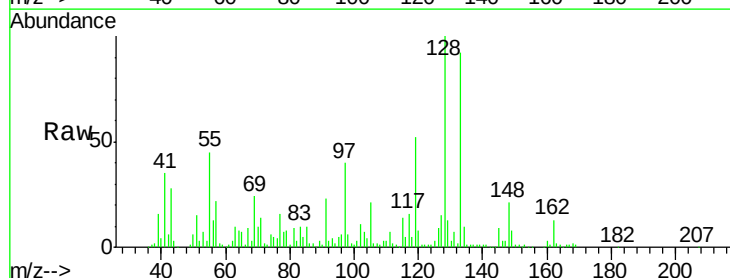
Tgt Ion:128 Resp: 308644

Ion Ratio Lower Upper

128 100

129 13.5 8.8 13.2#

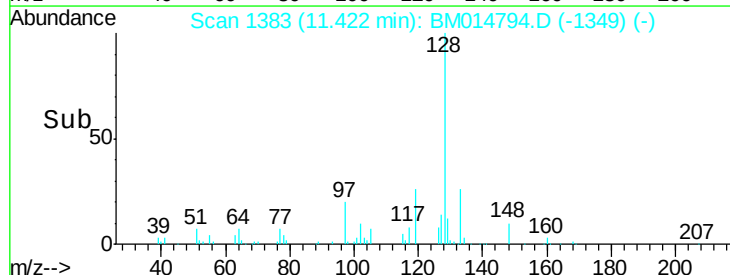
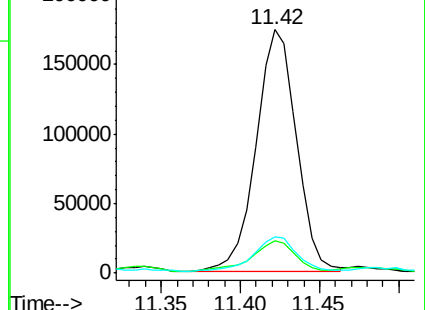
127 14.7 10.6 16.0

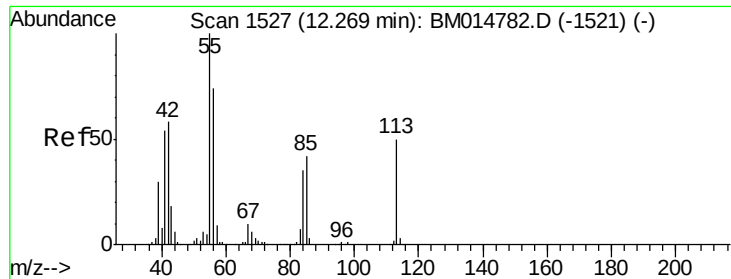


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Caprolactam

Concen: 1.434 ng/ul

RT: 12.23 min Scan# 1521

Delta R.T. -0.04 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampled :

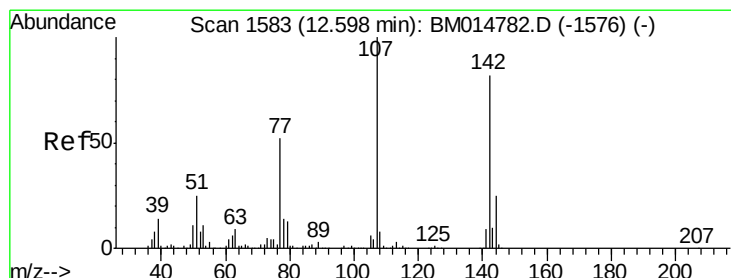
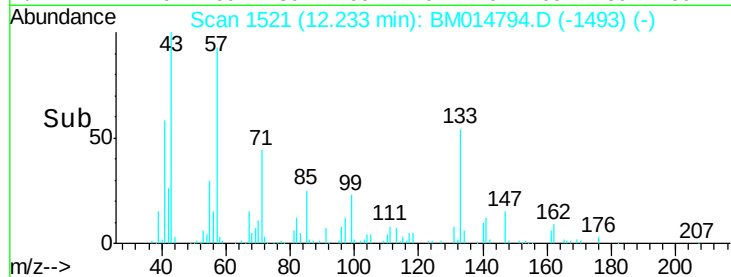
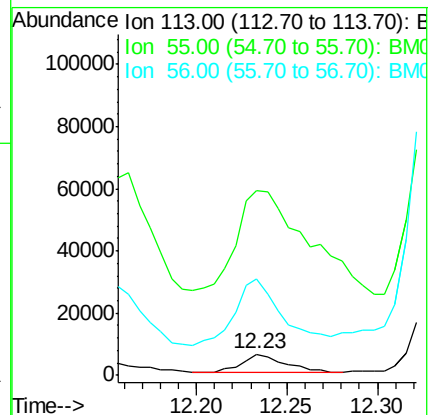
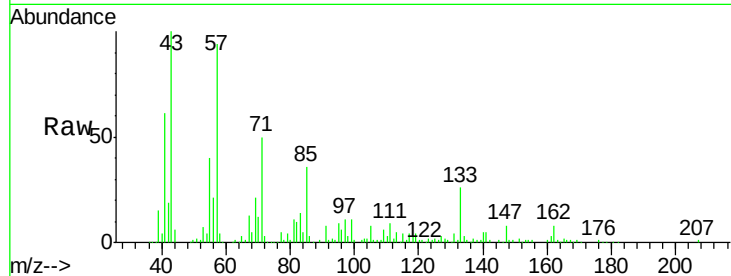
Tot Ion:113 Resp: 9763

Ion Ratio Lower Upper

113 100

55 871.7 208.0 312.0#

56 457.9 160.0 240.0#



#33

4-Chloro-3-methylphenol

Concen: 40.048 ng/ul

RT: 12.60 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

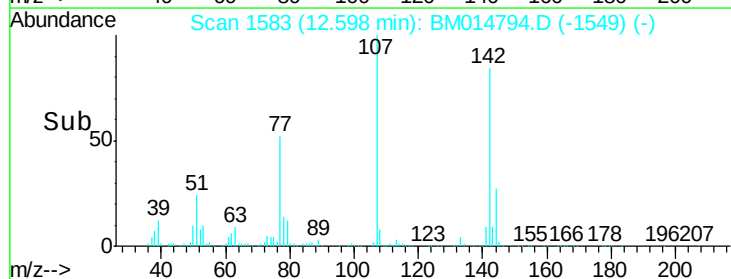
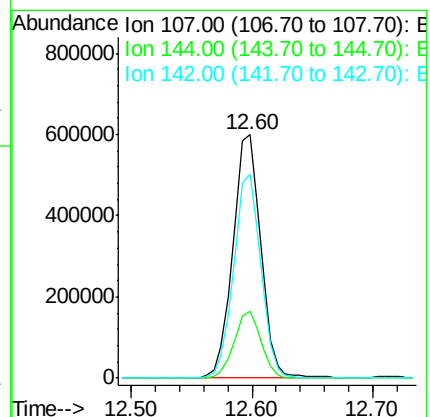
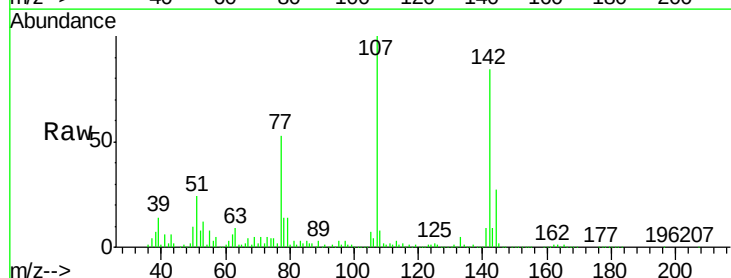
Tgt Ion:107 Resp: 957517

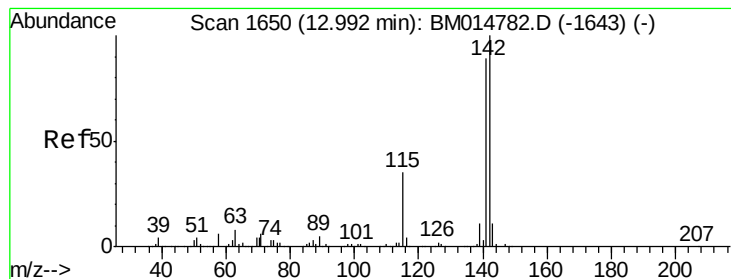
Ion Ratio Lower Upper

107 100

144 27.4 20.4 30.6

142 83.7 60.5 90.7





#34

2-Methylnaphthalene

Concen: 8.873 ng/ul

RT: 12.99 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

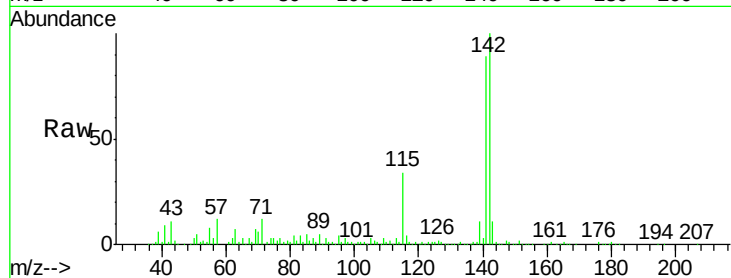
ClientSampleId :

Tot Ion:142 Resp: 508138

Ion Ratio Lower Upper

142 100

141 88.8 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.99

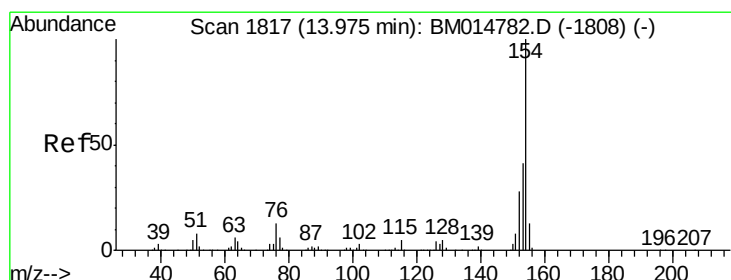
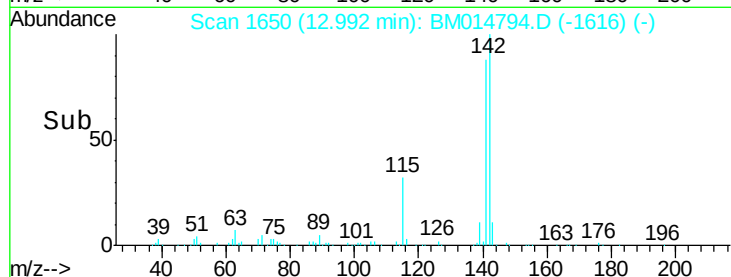
300000

200000

100000

0

Time--> 12.90 12.95 13.00 13.05



#40

1,1'-Biphenyl

Concen: 7.728 ng/ul

RT: 13.97 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

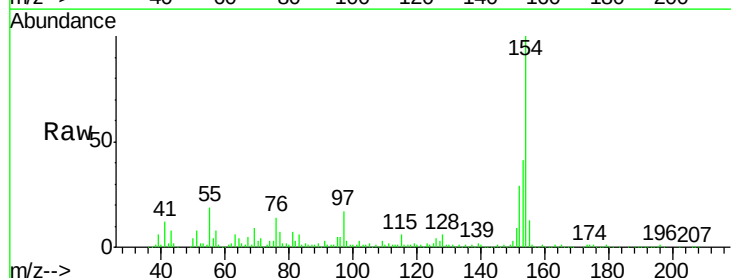
Tgt Ion:154 Resp: 539540

Ion Ratio Lower Upper

154 100

153 40.9 32.6 48.8

76 13.5 8.5 12.7#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0

13.97

500000

400000

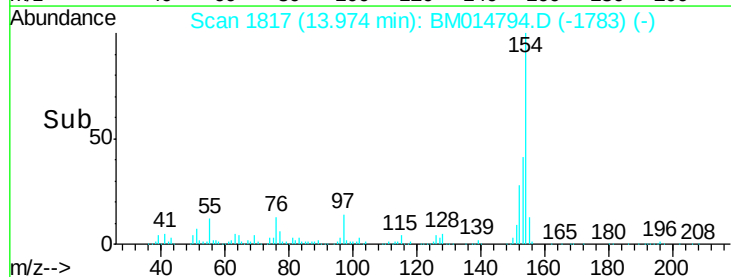
300000

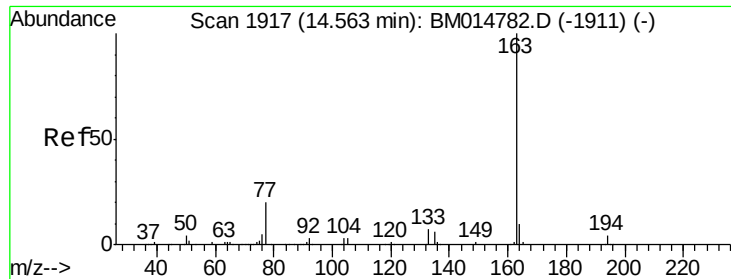
200000

100000

0

Time--> 13.90 13.95 14.00





#44

Dimethylphthalate

Concen: 5.896 ng/ul

RT: 14.57 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampleId :

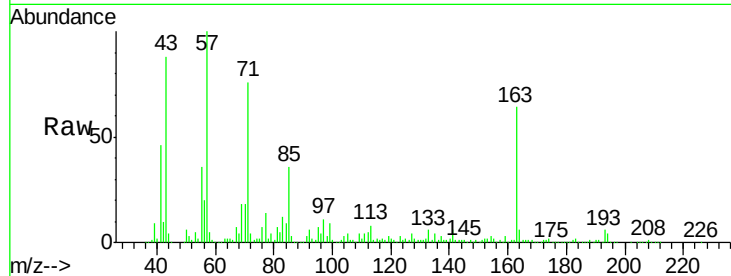
Tot Ion:163 Resp: 386273

Ion Ratio Lower Upper

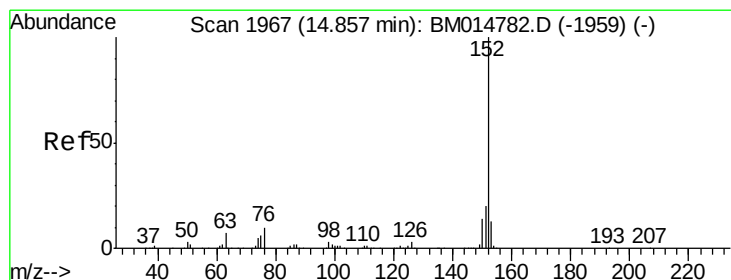
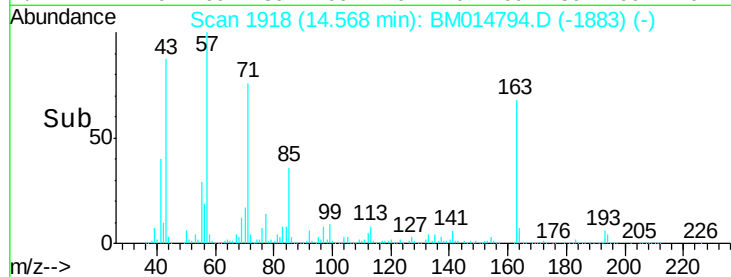
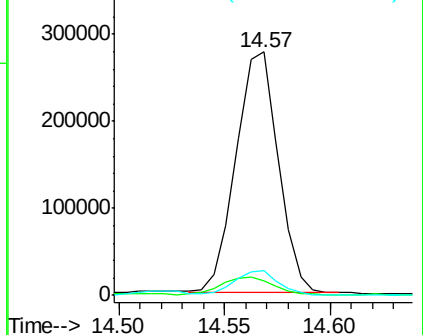
163 100

194 6.1 3.5 5.3#

164 10.0 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



#47

Acenaphthylene

Concen: 15.445 ng/ul

RT: 14.86 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

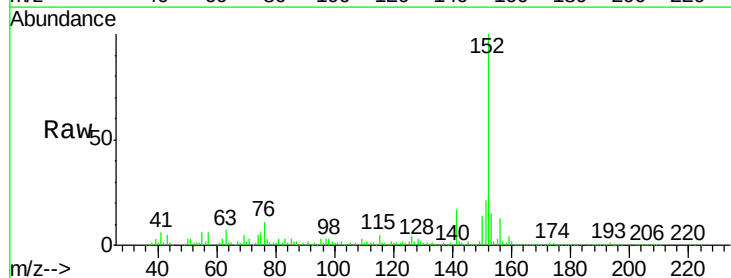
Tgt Ion:152 Resp: 1252308

Ion Ratio Lower Upper

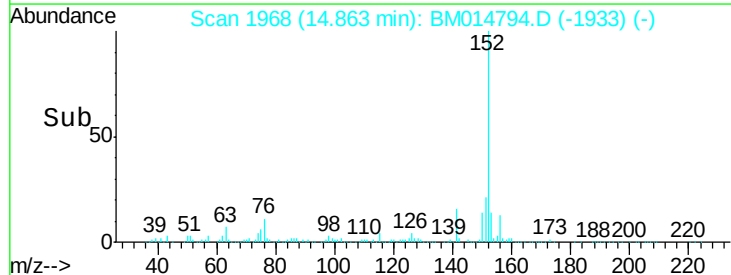
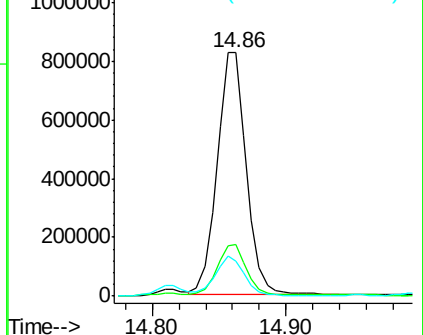
152 100

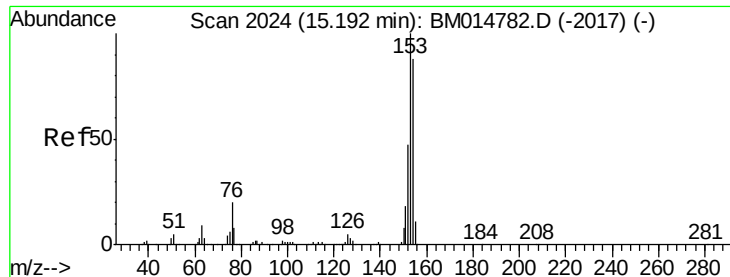
151 21.0 16.3 24.5

153 14.6 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





#49

Acenaphthene

Concen: 102.706 ng/ul

RT: 15.20 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampled :

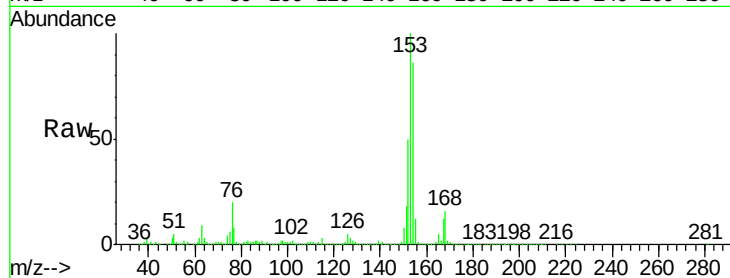
Tot Ion:153 Resp: 5917931

Ion Ratio Lower Upper

153 100

152 49.8 37.6 56.4

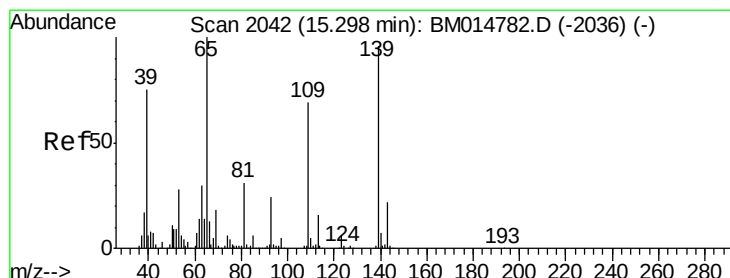
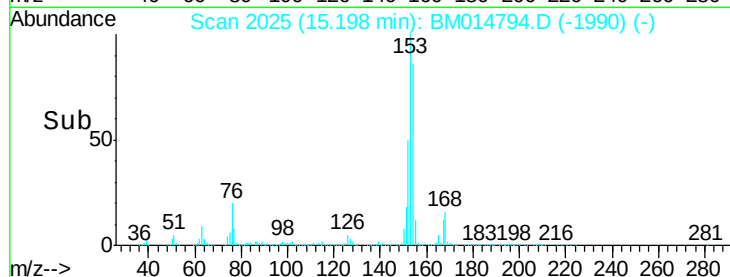
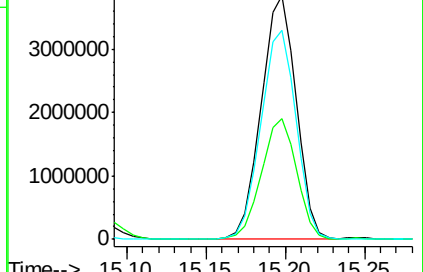
154 85.9 70.4 105.6



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



#52

4-Nitrophenol

Concen: 32.739 ng/ul

RT: 15.30 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

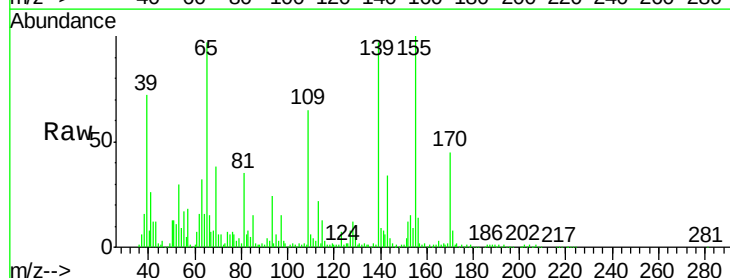
Tgt Ion:109 Resp: 296768

Ion Ratio Lower Upper

109 100

139 150.6 80.0 120.0#

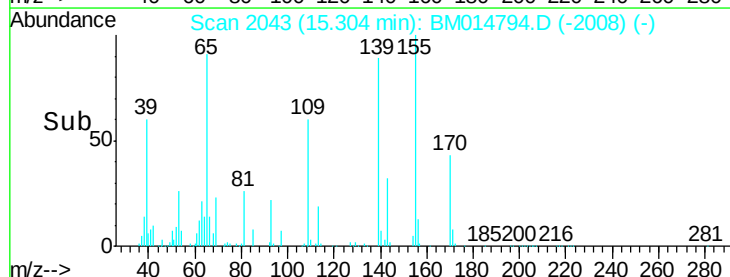
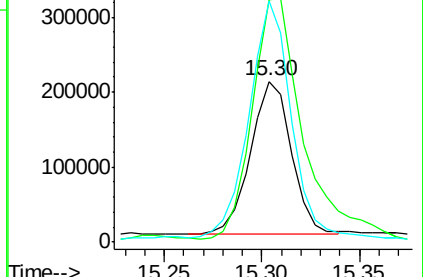
65 149.9 120.0 180.0

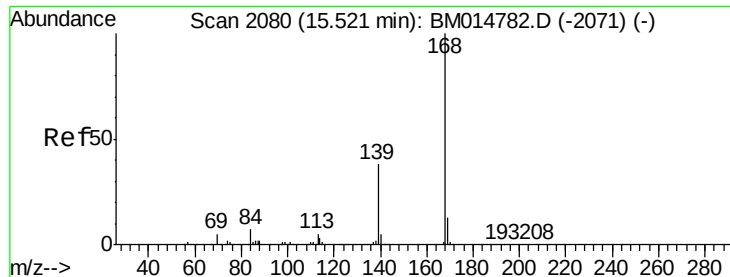


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E





#53

Dibenzofuran

Concen: 76.756 ng/ul

RT: 15.52 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

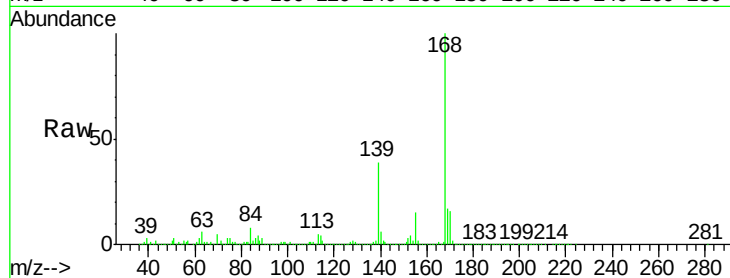
ClientSampleId :

Tot Ion:168 Resp: 6141554

Ion Ratio Lower Upper

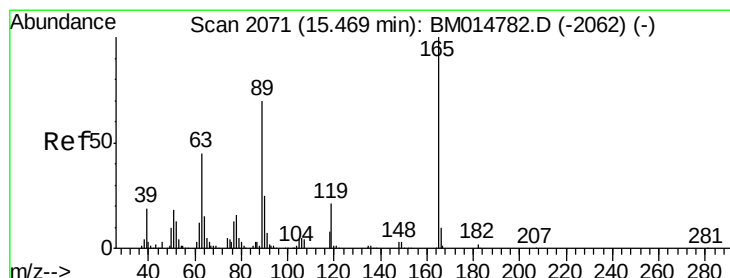
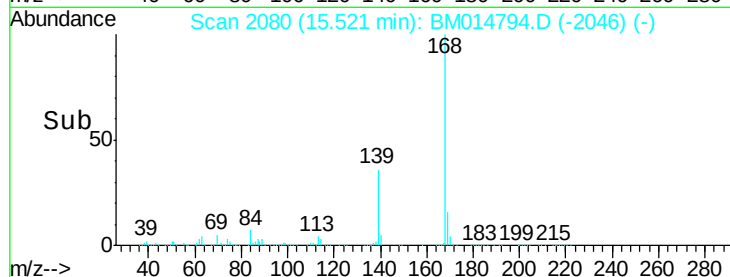
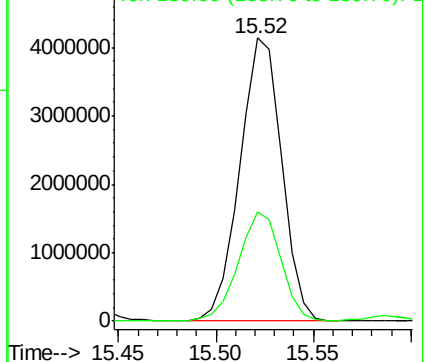
168 100

139 38.7 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: 50.211 ng/ul

RT: 15.48 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

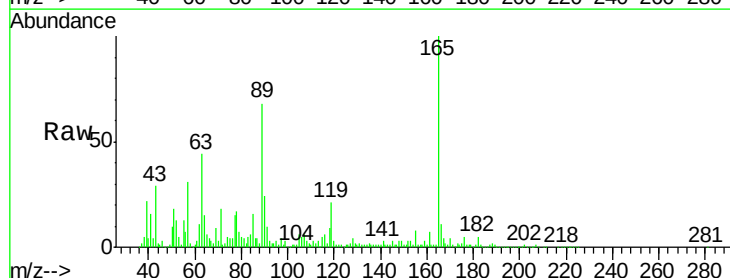
Tgt Ion:165 Resp: 888921

Ion Ratio Lower Upper

165 100

63 44.1 45.8 68.8#

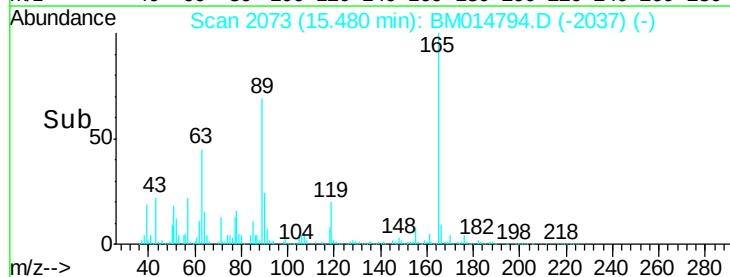
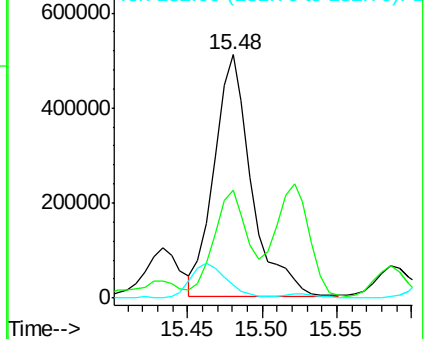
182 5.4 2.6 4.0#

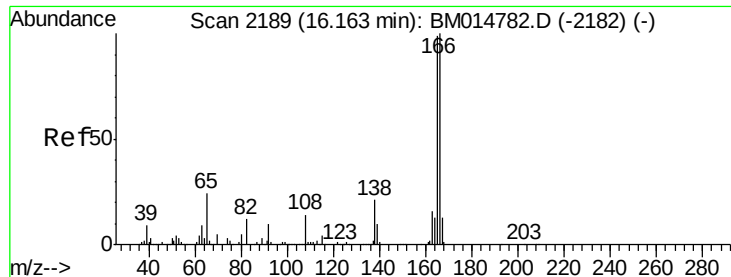


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

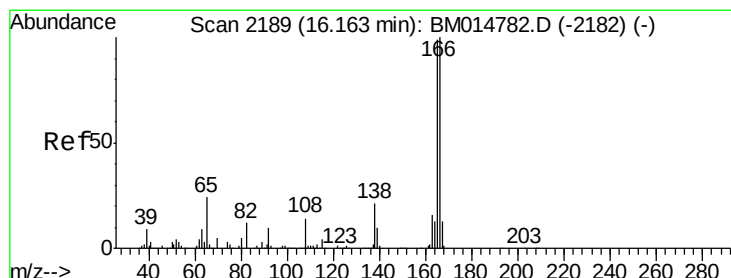
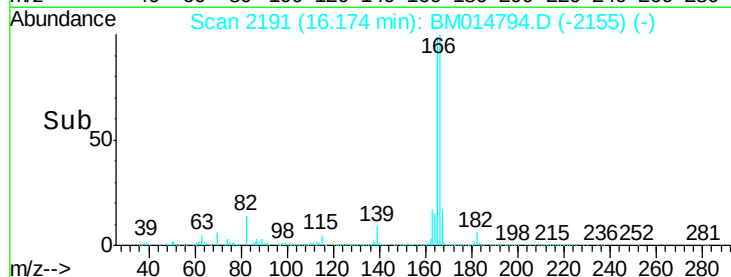
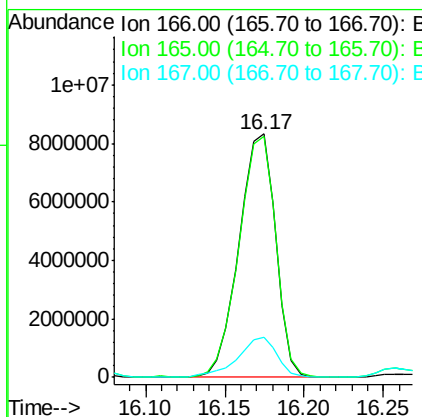
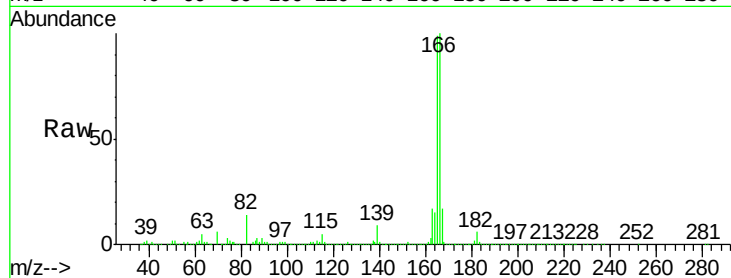




#58
 Fluorene
 Concen: 206.717 ng/ul
 RT: 16.17 min Scan# 2191
 Delta R.T. 0.01 min
 Lab File: BM014794.D
 Acq: 24 Apr 2018 02:05

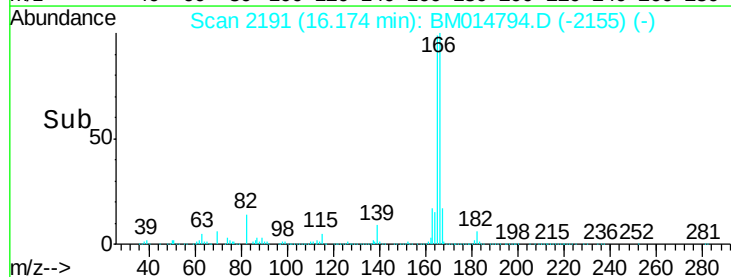
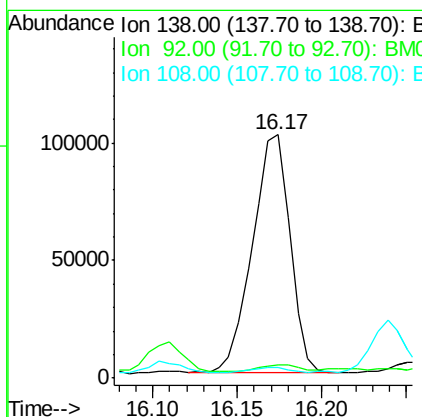
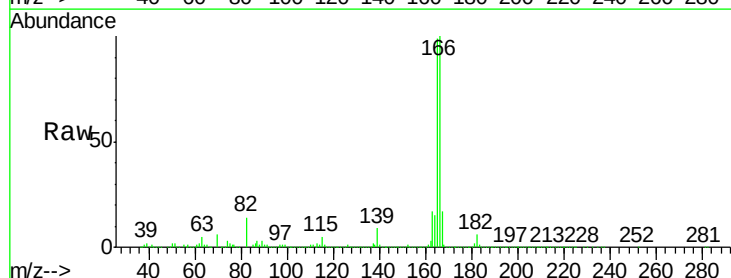
Instrument :
 BNA_M
 ClientSampleId :

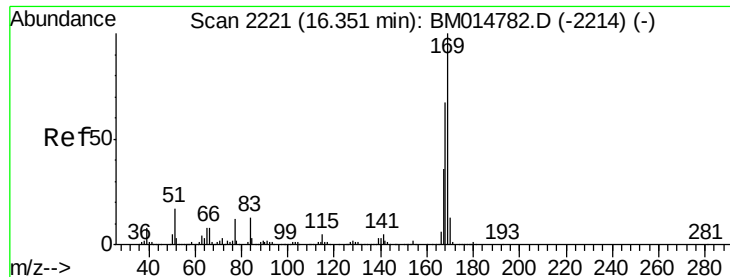
Tot Ion:166 Resp:13355660
 Ion Ratio Lower Upper
 166 100
 165 99.1 77.9 116.9
 167 16.7 10.6 16.0#



#60
 4-Nitroaniline
 Concen: 11.441 ng/ul
 RT: 16.17 min Scan# 2191
 Delta R.T. 0.01 min
 Lab File: BM014794.D
 Acq: 24 Apr 2018 02:05

Tgt Ion:138 Resp: 157811
 Ion Ratio Lower Upper
 138 100
 92 5.7 40.0 60.0#
 108 4.4 80.0 120.0#

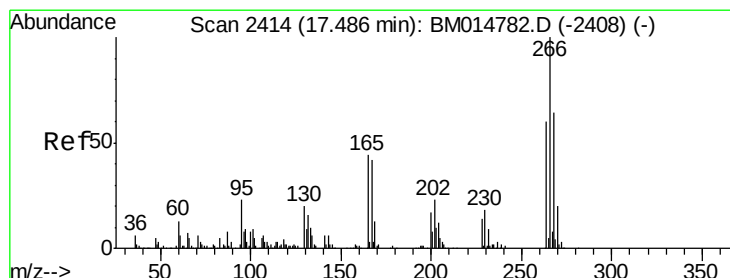
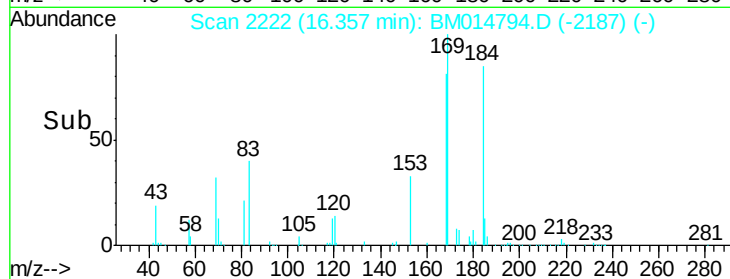
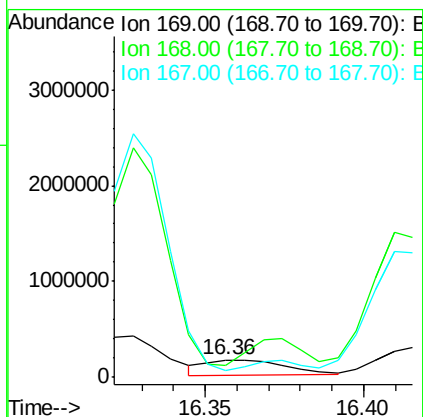
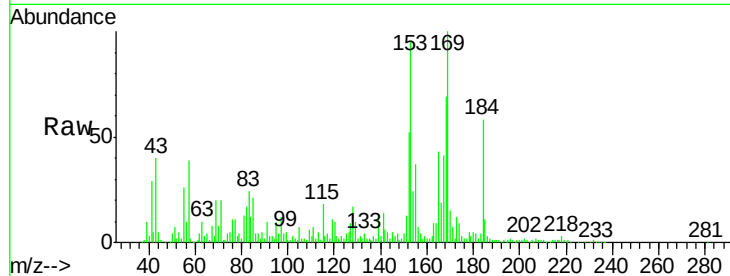




#64
N-Nitrosodiphenylamine
Concen: 5.520 ng/ul
RT: 16.36 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BM014794.D
Acq: 24 Apr 2018 02:05

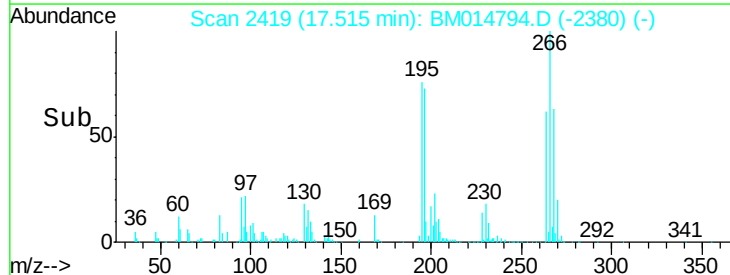
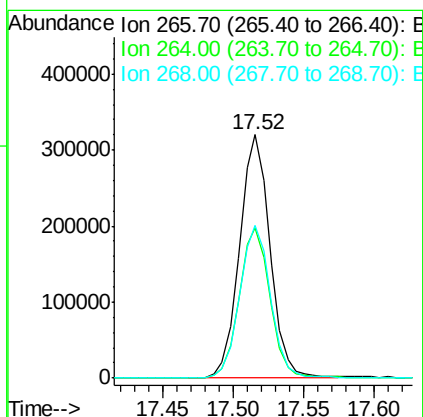
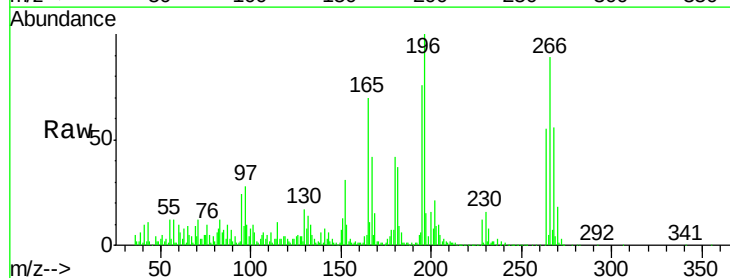
Instrument :
BNA_M
ClientSampleId :

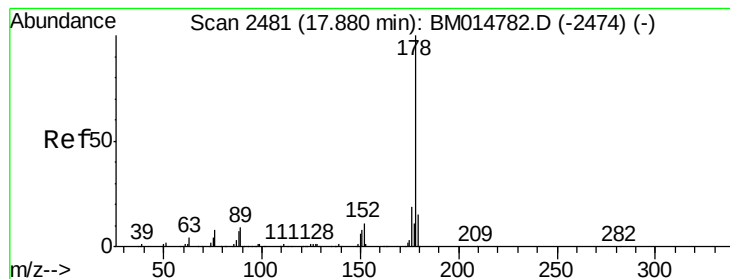
Tot Ion:169 Resp: 280098
Ion Ratio Lower Upper
169 100
168 69.3 54.0 81.0
167 41.5 29.1 43.7



#68
Pentachlorophenol
Concen: 39.547 ng/ul
RT: 17.52 min Scan# 2419
Delta R.T. 0.03 min
Lab File: BM014794.D
Acq: 24 Apr 2018 02:05

Tgt Ion:266 Resp: 482889
Ion Ratio Lower Upper
266 100
264 61.7 49.3 73.9
268 63.0 52.6 78.8





#69

Phenanthrene

Concen: 38.144 ng/ul

RT: 18.00 min Scan# 2501

Delta R.T. 0.12 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampleId :

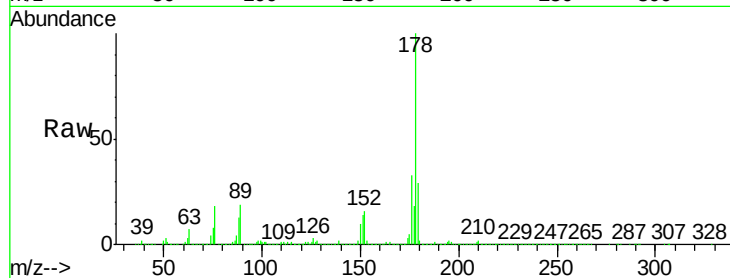
Tot Ion:178 Resp: 3584221

Ion Ratio Lower Upper

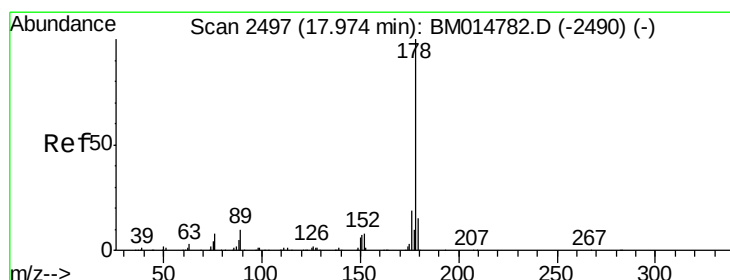
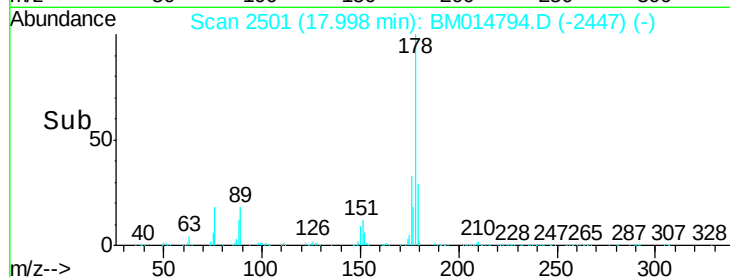
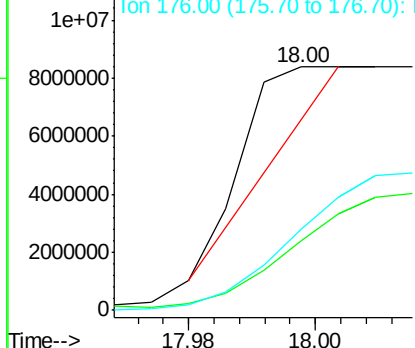
178 100

179 28.8 12.6 19.0#

176 33.5 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: 37.585 ng/ul

RT: 18.00 min Scan# 2501

Delta R.T. 0.02 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

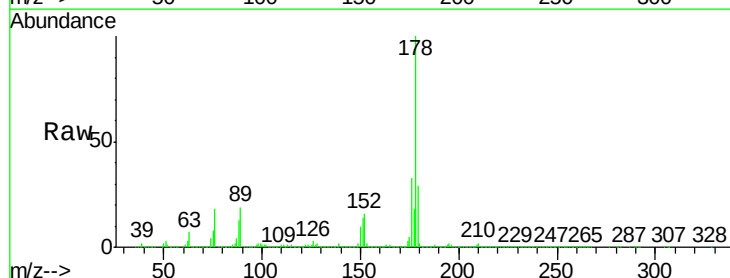
Tgt Ion:178 Resp: 3584221

Ion Ratio Lower Upper

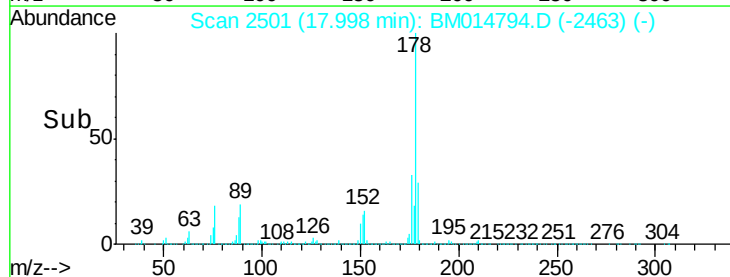
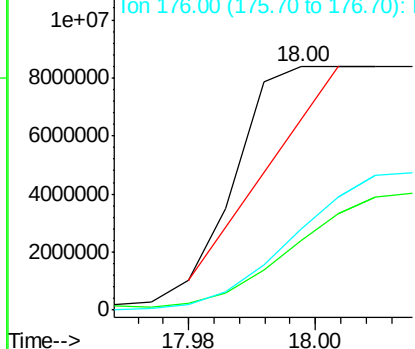
178 100

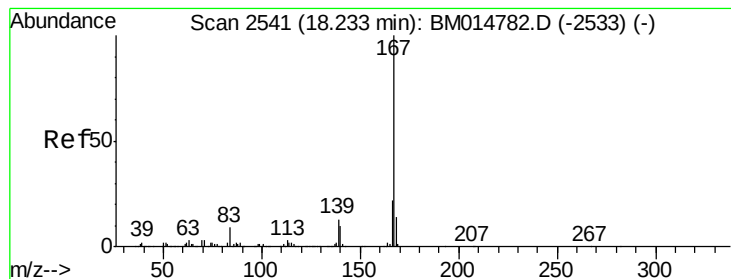
179 28.8 11.7 17.5#

176 33.5 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: 7.143 ng/ul

RT: 18.23 min Scan# 2541

Delta R.T. -0.00 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampleId :

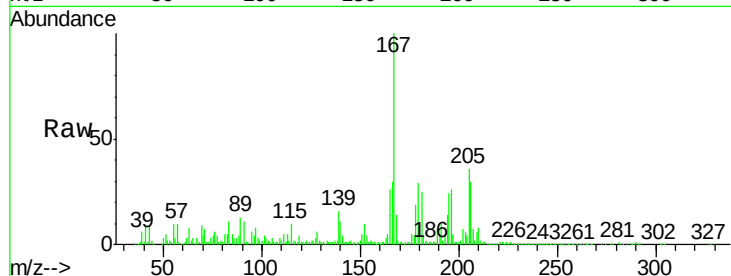
Tot Ion:167 Resp: 581095

Ion Ratio Lower Upper

167 100

166 29.8 17.1 25.7#

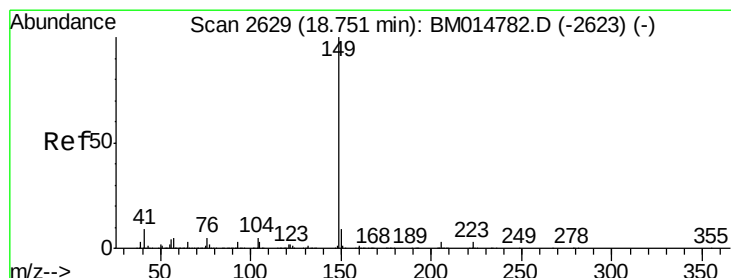
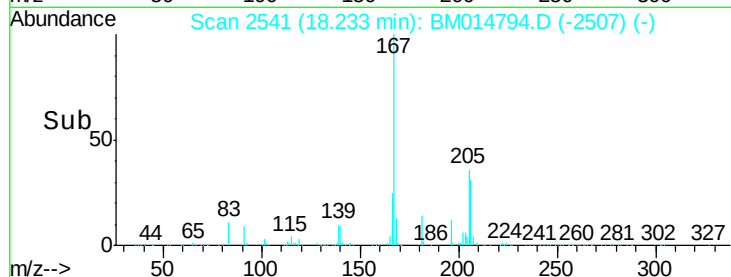
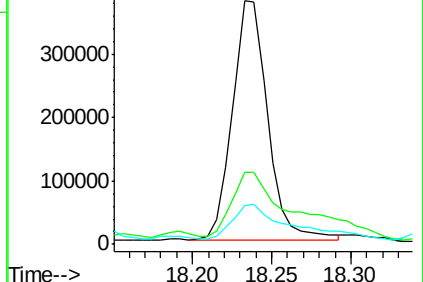
139 16.1 10.0 15.0#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 3.019 ng/ul

RT: 18.76 min Scan# 2630

Delta R.T. 0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

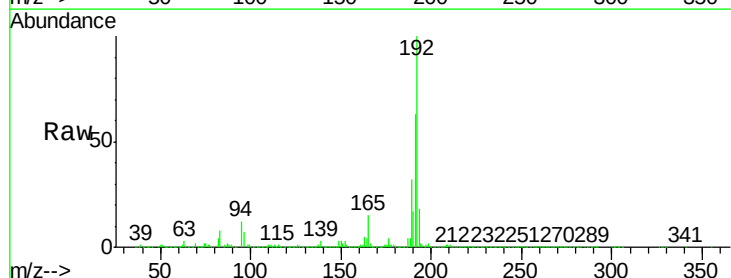
Tgt Ion:149 Resp: 298642

Ion Ratio Lower Upper

149 100

150 92.5 7.1 10.7#

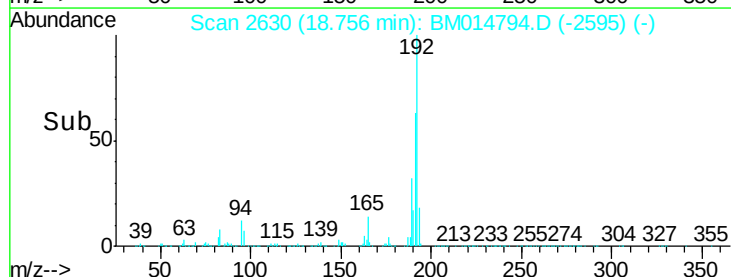
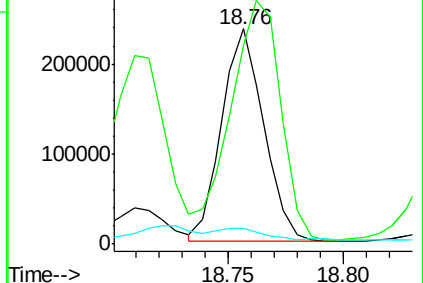
104 7.3 5.6 8.4

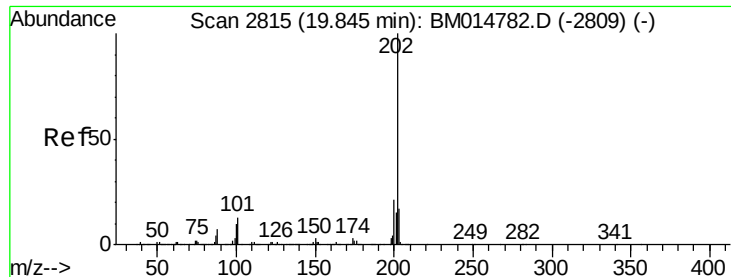


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

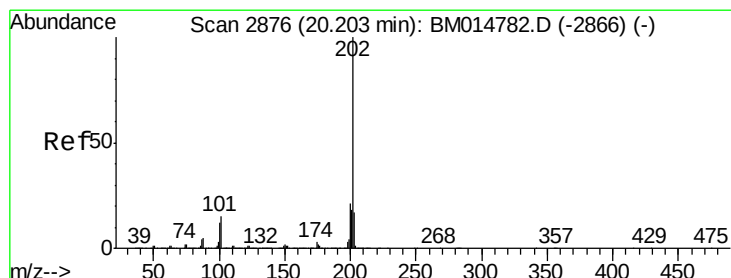
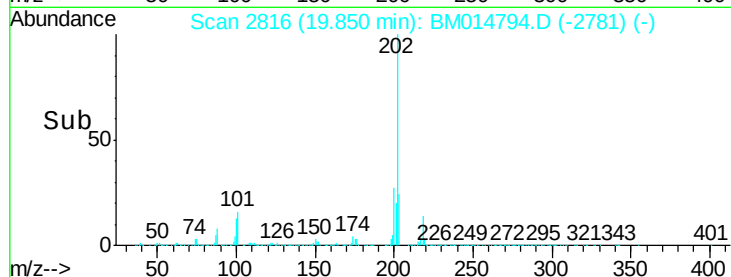
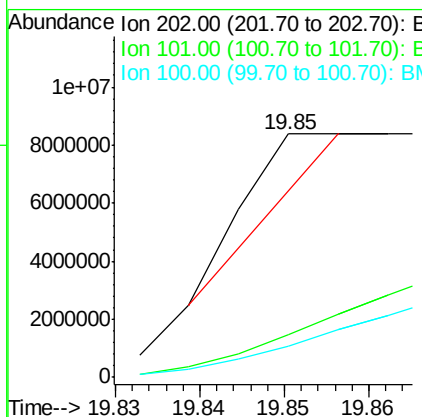
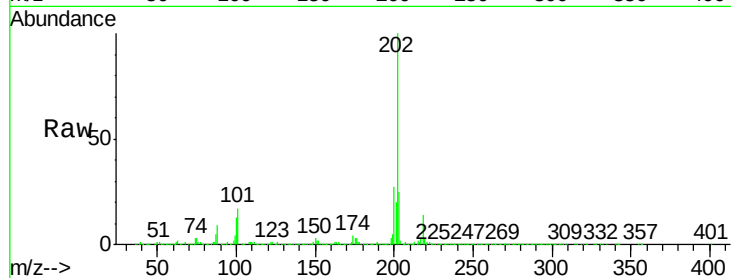




#74
 Fluoranthene
 Concen: 29.982 ng/ul
 RT: 19.85 min Scan# 2816
 Delta R.T. 0.01 min
 Lab File: BM014794.D
 Acq: 24 Apr 2018 02:05

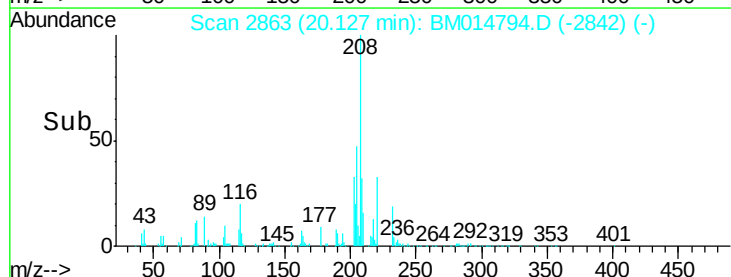
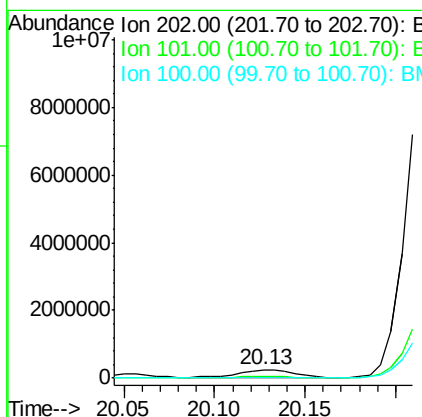
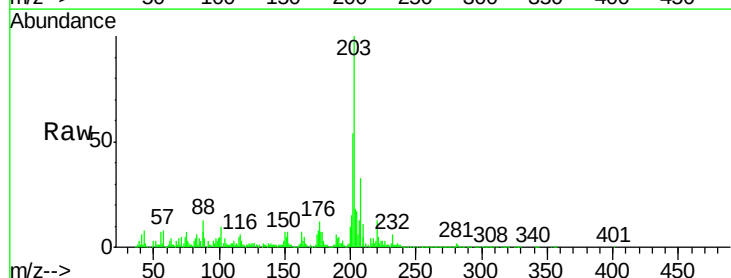
Instrument :
 BNA_M
 ClientSampleId :

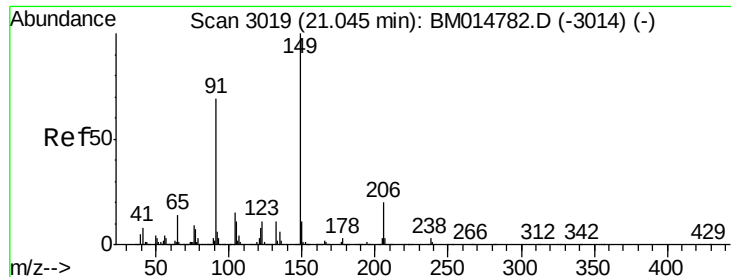
Tot Ion:202 Resp: 3071569
 Ion Ratio Lower Upper
 202 100
 101 17.3 4.6 7.0#
 100 13.0 3.4 5.2#



#77
 Pyrene
 Concen: 4.492 ng/ul
 RT: 20.13 min Scan# 2863
 Delta R.T. -0.08 min
 Lab File: BM014794.D
 Acq: 24 Apr 2018 02:05

Tgt Ion:202 Resp: 453141
 Ion Ratio Lower Upper
 202 100
 101 18.2 5.1 7.7#
 100 9.4 4.9 7.3#





#78

Butylbenzylphthalate

Concen: 28.143 ng/ul

RT: 21.04 min Scan# 3019

Delta R.T. -0.00 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampleId :

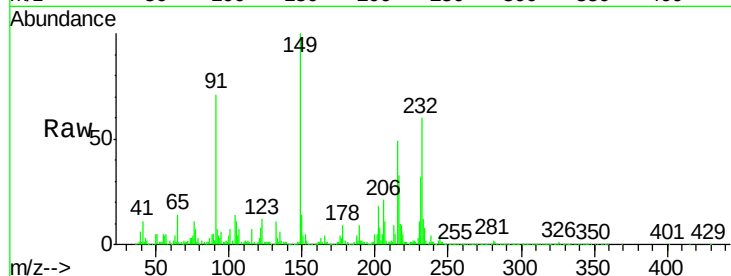
Tot Ion:149 Resp: 1158109

Ion Ratio Lower Upper

149 100

91 70.9 62.7 94.1

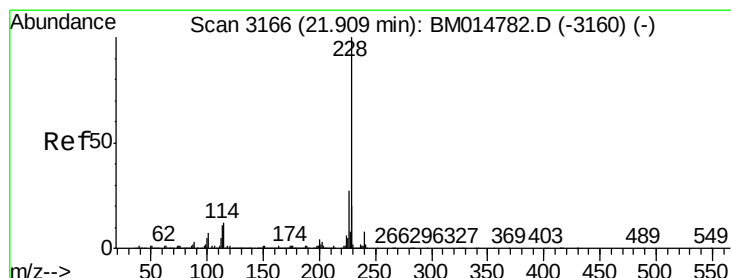
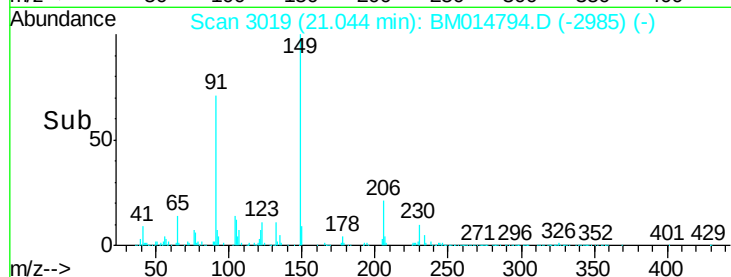
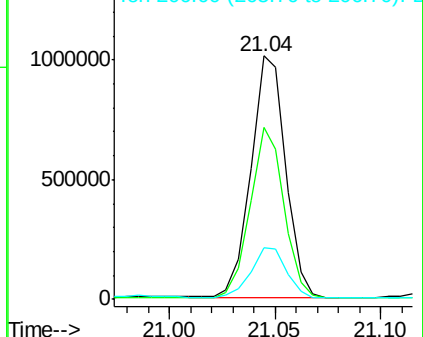
206 21.1 20.8 31.2



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



#80

Benzo(a)anthracene

Concen: 13.966 ng/ul

RT: 21.98 min Scan# 3178

Delta R.T. 0.07 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

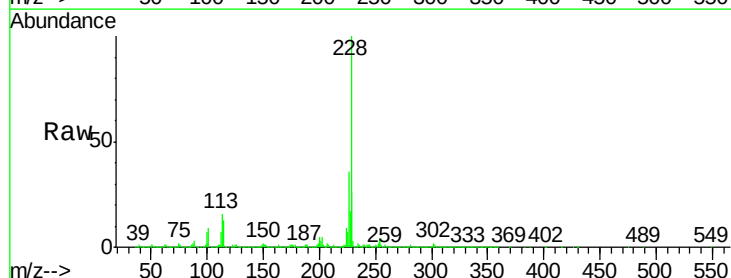
Tgt Ion:228 Resp: 1409922

Ion Ratio Lower Upper

228 100

229 26.2 15.4 23.0#

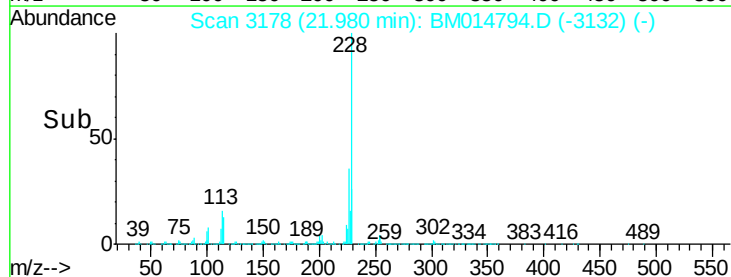
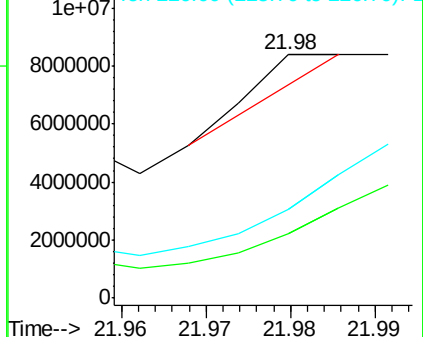
226 36.5 21.4 32.0#

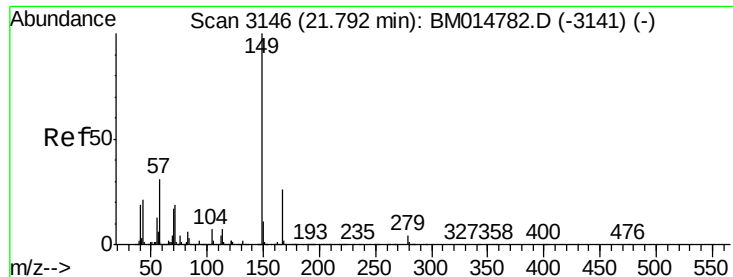


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 242.385 ng/ul

RT: 21.80 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampled :

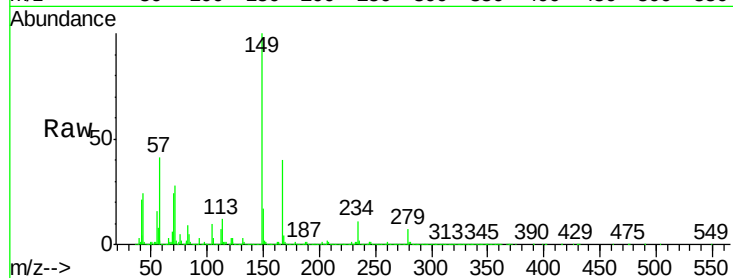
Tot Ion:149 Resp:14640850

Ion Ratio Lower Upper

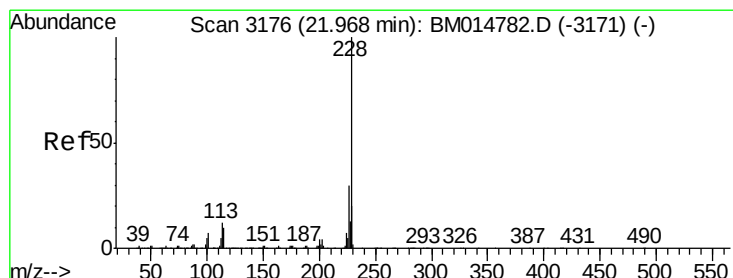
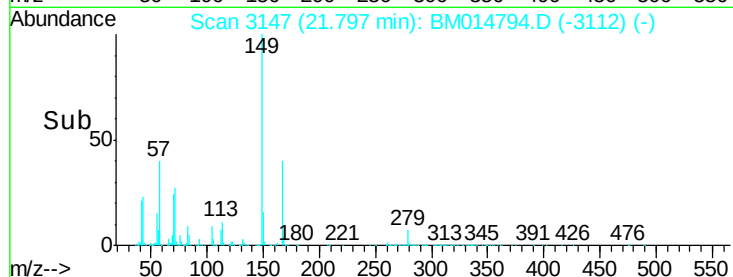
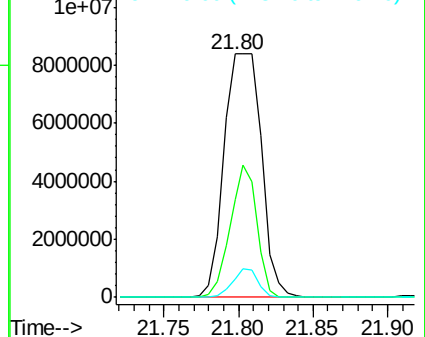
149 100

167 40.4 22.8 34.2#

279 7.3 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: 14.918 ng/ul

RT: 21.98 min Scan# 3178

Delta R.T. 0.01 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

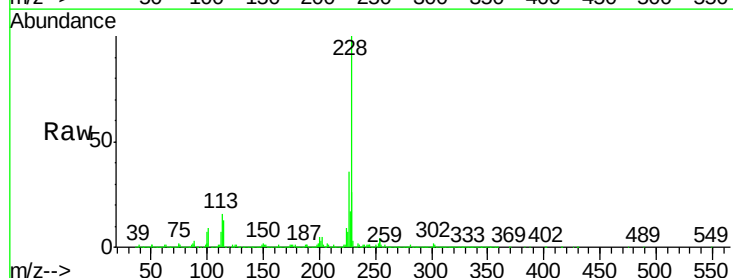
Tgt Ion:228 Resp: 1409922

Ion Ratio Lower Upper

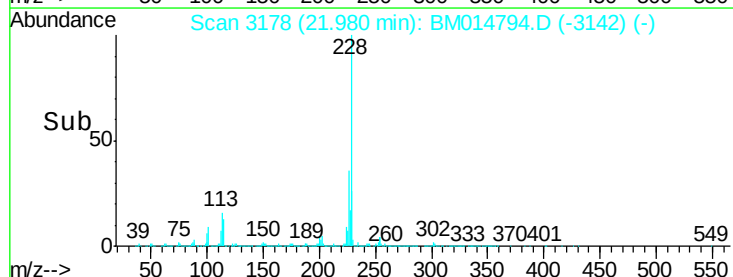
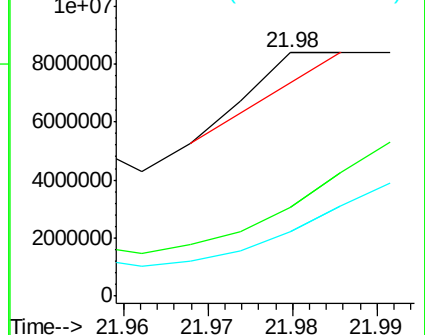
228 100

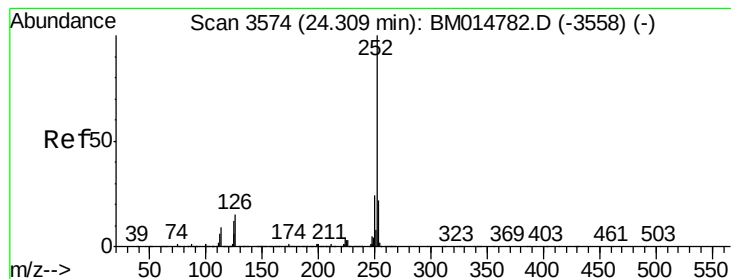
226 36.5 23.4 35.2#

229 26.2 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





#88

Benzo(a)pyrene

Concen: 2.650 ng/ul

RT: 24.11 min Scan# 3541

Delta R.T. -0.19 min

Lab File: BM014794.D

Acq: 24 Apr 2018 02:05

Instrument :

BNA_M

ClientSampleId :

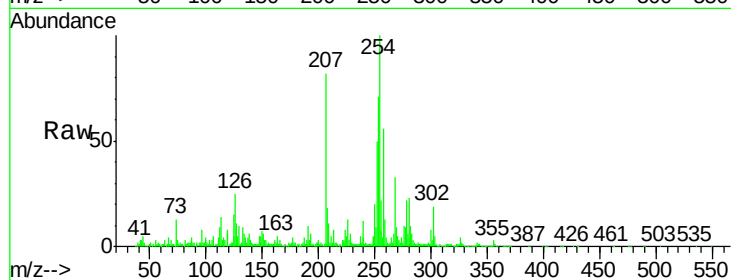
Tot Ion:252 Resp: 552649

Ion Ratio Lower Upper

252 100

253 143.2 18.2 27.2#

125 29.4 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

