

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014735.D
 Acq On : 19 Apr 2018 16:05
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 20 01:01:06 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 19 15:04:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	302064	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1272159	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	690205	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1491321	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1529873	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1517135	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	56947	8.23	ng/uL	0.00
5) Phenol-d5	7.66	99	501588	21.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	325097	21.71	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	417979	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	9.25	113	407788	21.90	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	192824	20.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	193559	21.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.00	165	390403	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.52	131	514249	28.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.54	166	1133057	21.03	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1413727	21.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	211949	21.20	ng/ul	0.00
57) Fluorene-d10	16.12	176	980325	20.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	154154	19.10	ng/ul	0.00
70) Anthracene-d10	17.96	188	1452305	20.90	ng/ul	0.00
76) Pyrene-d10	20.19	212	1528137	21.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.29	264	1555353	20.87	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.71	88	59650	8.195	ng/uL#	77
4) Benzaldehyde	7.66	77	319930	26.045	ng/ul	91
6) Phenol	7.69	94	495417	21.563	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.94	93	402411	21.904	ng/ul	90
10) 2-Chlorophenol	8.10	128	406813	21.147	ng/ul	96
11) 2-Methylphenol	8.97	108	364216	21.567	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.07	45	752781	22.164	ng/ul	97
14) Acetophenone	9.38	105	606114	22.212	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.36	70	311672	22.009	ng/ul#	80
16) 4-Methylphenol	9.31	108	399221	21.968	ng/ul	97
17) Hexachloroethane	9.66	117	164348	20.886	ng/ul#	70
20) Nitrobenzene	9.77	77	465335	21.179	ng/ul	93
21) Isophorone	10.30	82	803155	21.375	ng/ul#	93
23) 2-Nitrophenol	10.49	139	213205	21.427	ng/ul#	73
24) 2,4-Dimethylphenol	10.53	107	440320	20.945	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.77	93	529704	20.970	ng/ul	97
27) 2,4-Dichlorophenol	11.02	162	371818	20.925	ng/ul#	90
28) Naphthalene	11.45	128	1282957	20.695	ng/ul	100
30) 4-Chloroaniline	11.54	127	497871	27.921	ng/ul	93
31) Hexachlorobutadiene	11.72	225	231166	20.218	ng/ul	95
32) Caprolactam	12.29	113	106341	20.771	ng/ul#	60
33) 4-Chloro-3-methylphenol	12.62	107	383839	21.356	ng/ul	92
34) 2-Methylnaphthalene	13.02	142	901057	20.931	ng/ul	98

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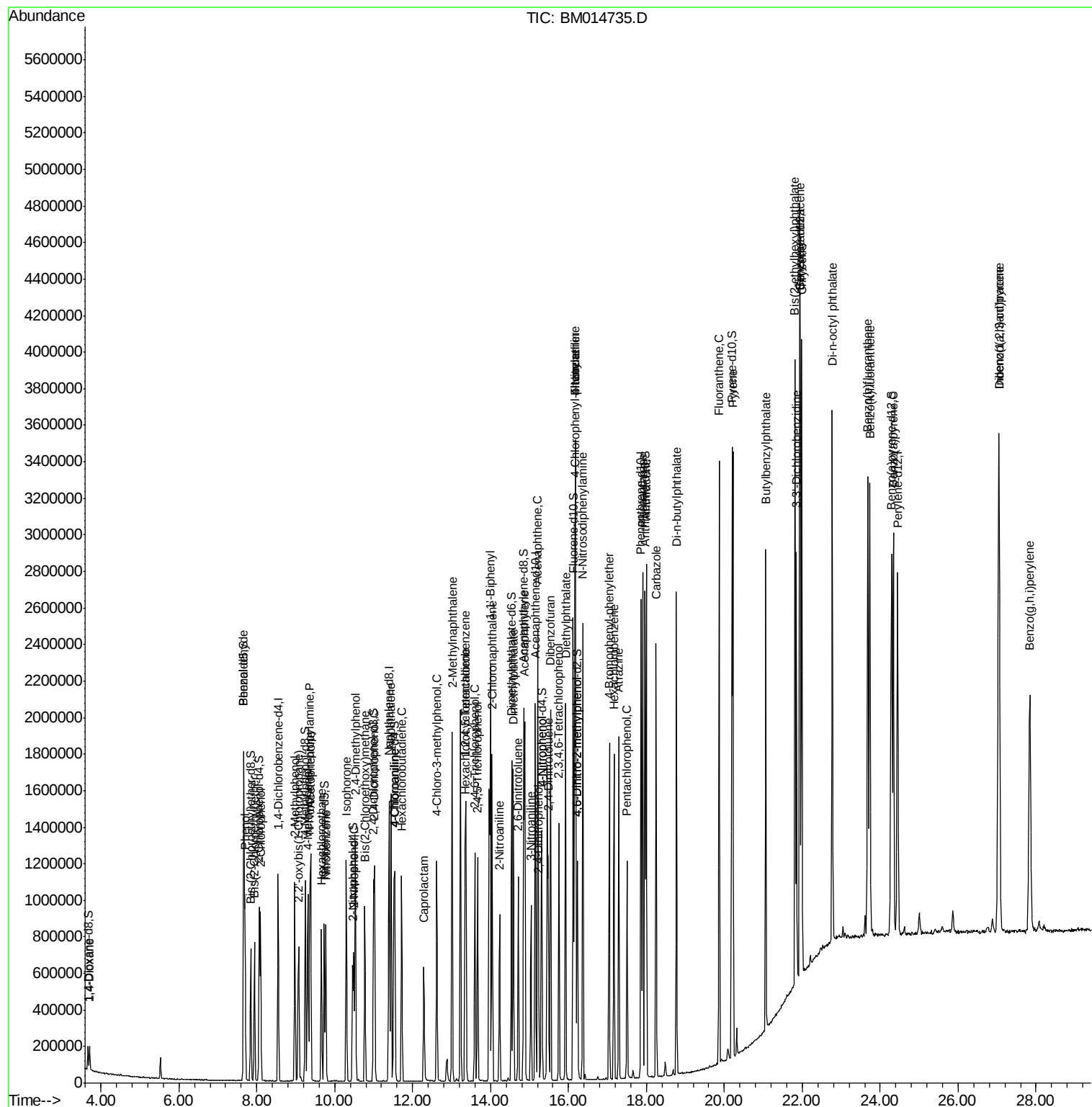
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.37	216	447167	20.667	ng/ul#	97
37) Hexachlorocyclopentadiene	13.35	237	297523	19.960	ng/ul	99
38) 2,4,6-Trichlorophenol	13.59	196	281364	21.054	ng/ul	98
39) 2,4,5-Trichlorophenol	13.66	196	302728	21.208	ng/ul	99
40) 1,1'-Biphenyl	13.99	154	1155002	20.810	ng/ul#	99
41) 2-Chloronaphthalene	14.05	162	897686	20.827	ng/ul	99
42) 2-Nitroaniline	14.23	65	242081	21.224	ng/ul	90
44) Dimethylphthalate	14.59	163	1095052	21.025	ng/ul	99
45) 2,6-Dinitrotoluene	14.71	165	208207	21.796	ng/ul	90
47) Acenaphthylene	14.87	152	1363897	21.160	ng/ul	99
48) 3-Nitroaniline	15.04	138	217540	23.142	ng/ul	88
49) Acenaphthene	15.21	153	963896	21.043	ng/ul	99
50) 2,4-Dinitrophenol	15.23	184	97260	18.337	ng/ul#	67
52) 4-Nitrophenol	15.32	109	153565	21.310	ng/ul#	80
53) Dibenzofuran	15.54	168	1328740	20.889	ng/ul	98
54) 2,4-Dinitrotoluene	15.48	165	308189	21.897	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.75	232	255128	21.065	ng/ul#	84
56) Diethylphthalate	15.92	149	1101139	21.003	ng/ul	94
58) Fluorene	16.18	166	1073787	20.906	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.16	204	535356	20.824	ng/ul	97
60) 4-Nitroaniline	16.18	138	227859	20.779	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.23	198	165126	19.692	ng/ul	92
64) N-Nitrosodiphenylamine	16.37	169	907618	20.986	ng/ul	99
65) 4-Bromophenyl-phenylether	17.04	248	322357	20.466	ng/ul	94
66) Hexachlorobenzene	17.17	284	376934	20.598	ng/ul#	94
67) Atrazine	17.29	200	306979	22.228	ng/ul#	91
68) Pentachlorophenol	17.50	266	205552	19.750	ng/ul	96
69) Phenanthrene	17.90	178	1668352	20.831	ng/ul	99
71) Anthracene	17.99	178	1695272	20.857	ng/ul	99
72) Carbazole	18.25	167	1461402	21.076	ng/ul	99
73) Di-n-butylphthalate	18.77	149	1757130	20.839	ng/ul#	97
74) Fluoranthene	19.86	202	1856647	21.263	ng/ul#	83
77) Pyrene	20.22	202	1899592	21.251	ng/ul#	81
78) Butylbenzylphthalate	21.06	149	771508	21.156	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.84	252	659608	22.599	ng/ul#	95
80) Benzo(a)anthracene	21.93	228	1871908	20.924	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.81	149	1103442	20.614	ng/ul#	95
82) Chrysene	21.99	228	1755460	20.960	ng/ul	99
84) Di-n-octyl phthalate	22.77	149	1798944	20.616	ng/ul#	93
85) Benzo(b)fluoranthene	23.68	252	1831824	20.482	ng/ul#	96
86) Benzo(k)fluoranthene	23.73	252	1848134	21.490	ng/ul#	96
88) Benzo(a)pyrene	24.34	252	1772095	20.889	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.04	276	2112768	20.586	ng/ul#	88
90) Dibenzo(a,h)anthracene	27.05	278	1783101	20.635	ng/ul#	94
91) Benzo(g,h,i)perylene	27.84	276	1737684	20.581	ng/ul#	90

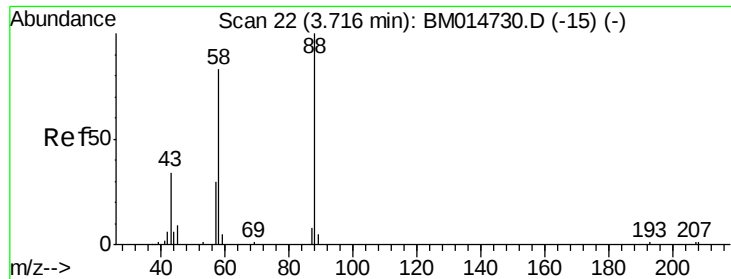
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampled :

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#2

1,4-Dioxane

Concen: 8.195 ng/uL

RT: 3.71 min Scan# 21

Delta R.T. -0.01 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

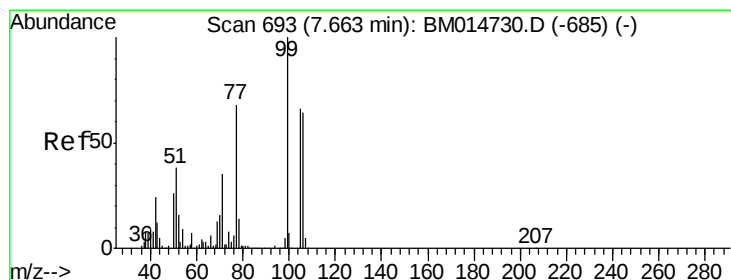
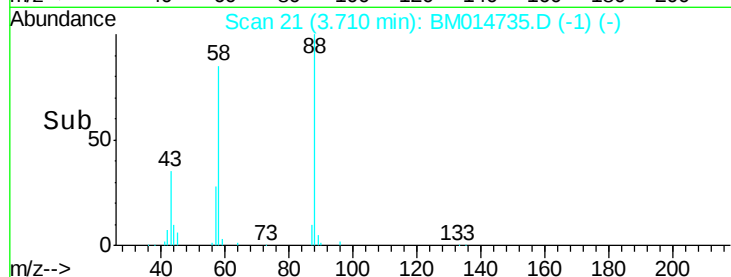
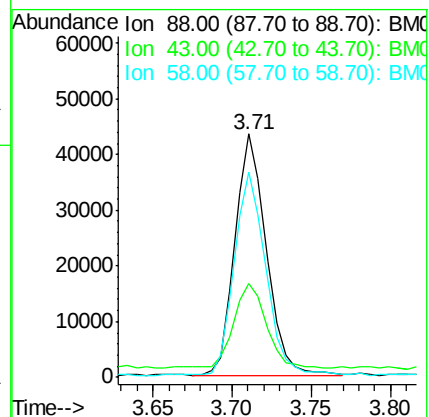
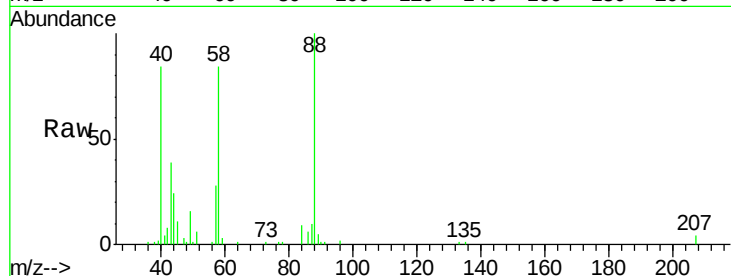
Tot Ion: 88 Resp: 59650

Ion Ratio Lower Upper

88 100

43 36.7 48.0 72.0#

58 82.0 80.0 120.0



#4

Benzaldehyde

Concen: 26.045 ng/uL

RT: 7.66 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

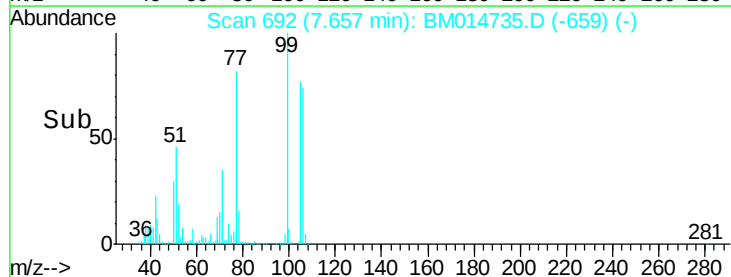
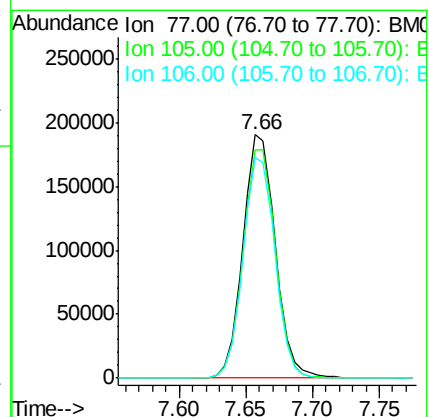
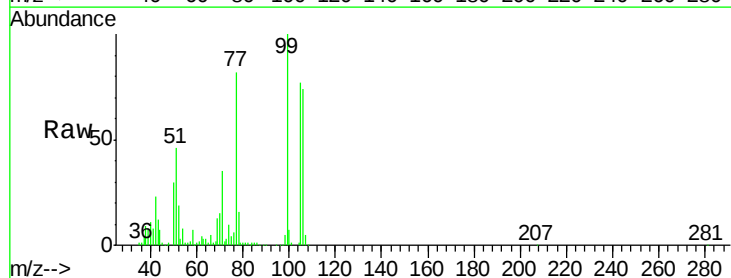
Tgt Ion: 77 Resp: 319930

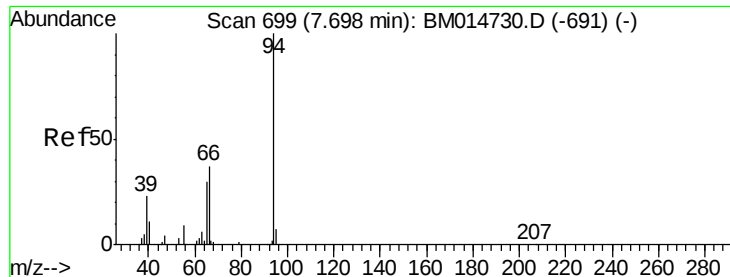
Ion Ratio Lower Upper

77 100

105 94.0 66.1 99.1

106 90.4 67.8 101.6





#6

Phenol

Concen: 21.563 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. -0.01 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

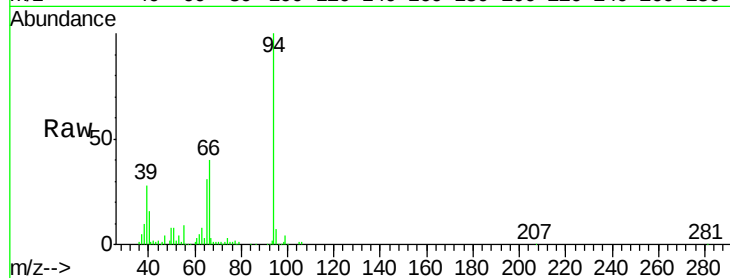
Tot Ion: 94 Resp: 495417

Ion Ratio Lower Upper

94 100

65 30.7 28.2 42.4

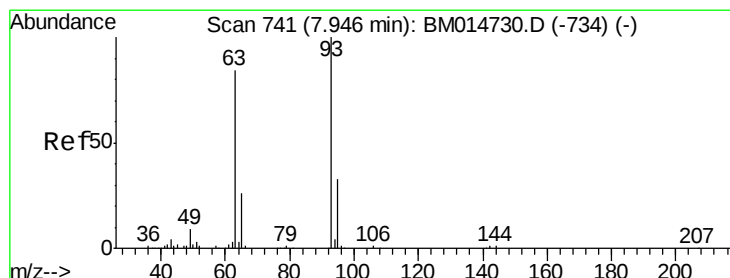
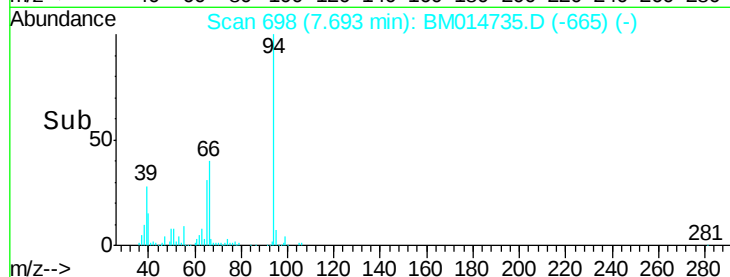
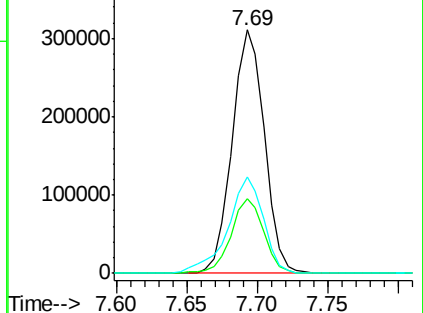
66 39.7 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014735.D (-698) (-)

Ion 65.00 (64.70 to 65.70): BM014735.D (-698) (-)

Ion 66.00 (65.70 to 66.70): BM014735.D (-698) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 21.904 ng/ul

RT: 7.94 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

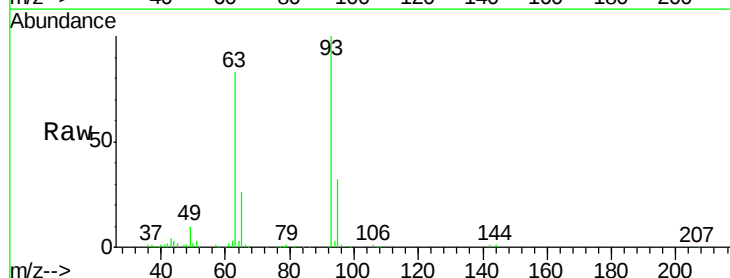
Tgt Ion: 93 Resp: 402411

Ion Ratio Lower Upper

93 100

63 83.0 57.3 85.9

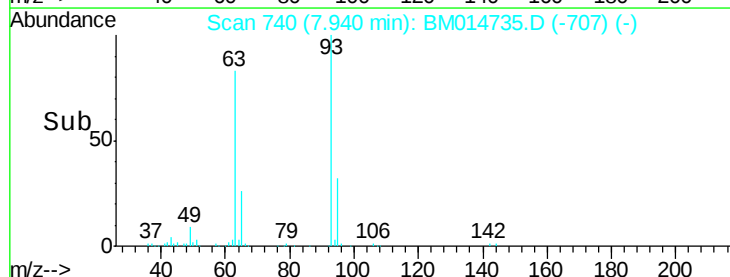
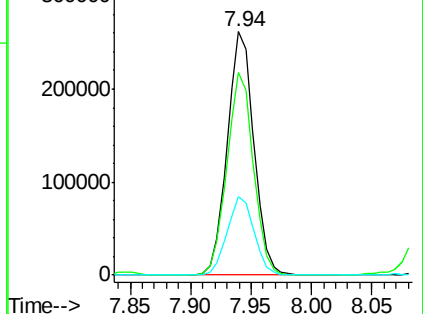
95 32.1 26.6 39.8

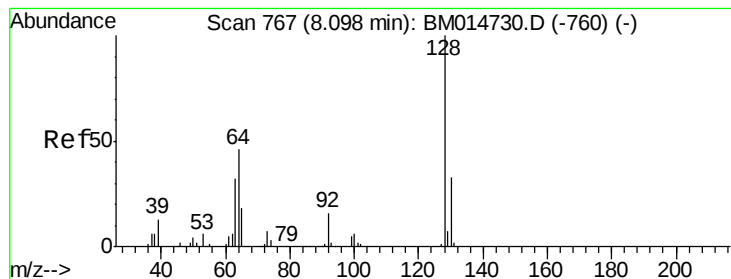


Abundance Ion 93.00 (92.70 to 93.70): BM014735.D (-737) (-)

Ion 63.00 (62.70 to 63.70): BM014735.D (-737) (-)

Ion 95.00 (94.70 to 95.70): BM014735.D (-737) (-)





#10

2-Chlorophenol

Concen: 21.147 ng/ul

RT: 8.10 min Scan# 767

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

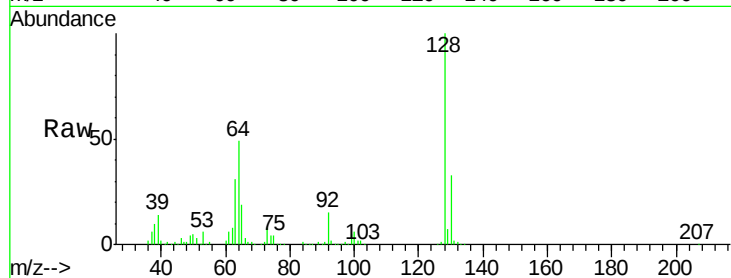
Tot Ion:128 Resp: 406813

Ion Ratio Lower Upper

128 100

64 49.5 38.0 57.0

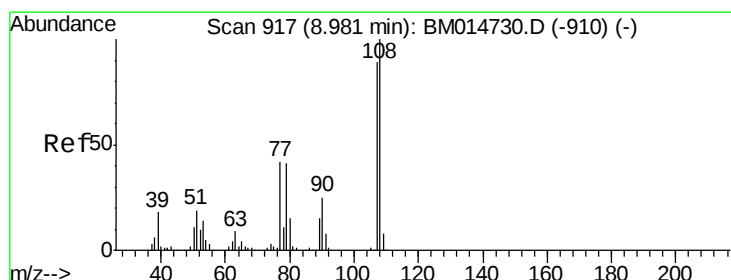
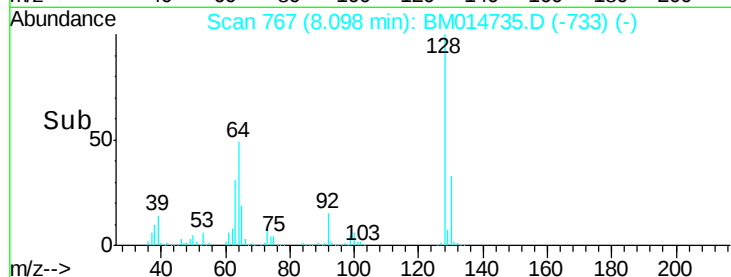
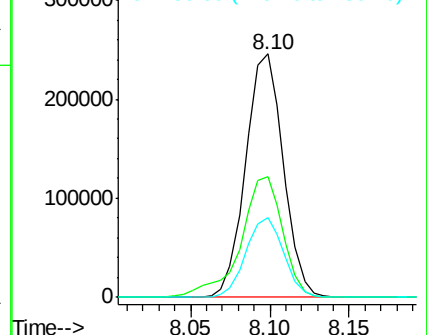
130 33.0 24.4 36.6



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: 21.567 ng/ul

RT: 8.97 min Scan# 916

Delta R.T. -0.01 min

Lab File: BM014735.D

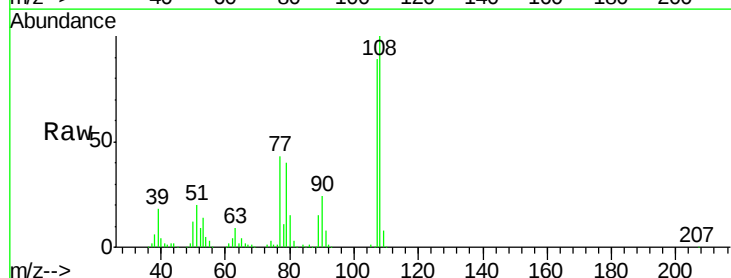
Acq: 19 Apr 2018 16:05

Tgt Ion:108 Resp: 364216

Ion Ratio Lower Upper

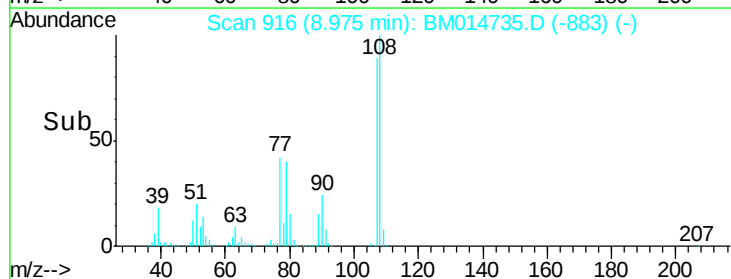
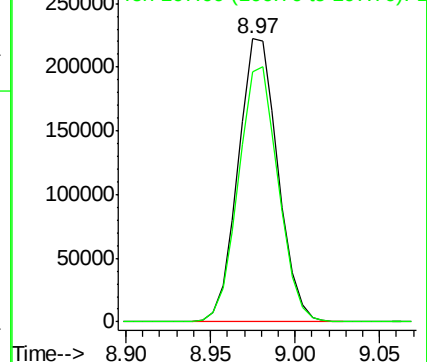
108 100

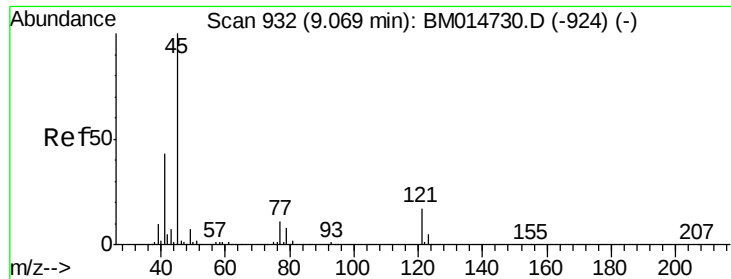
107 88.6 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

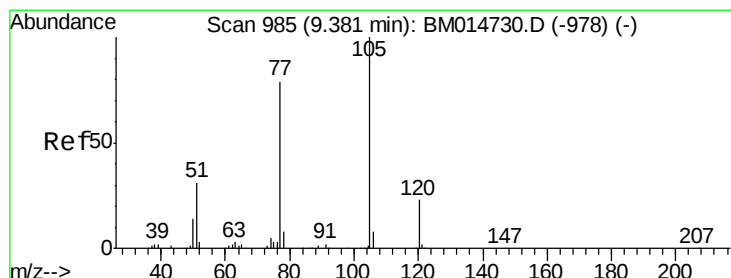
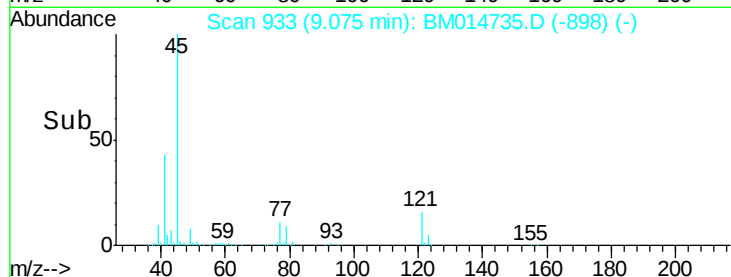
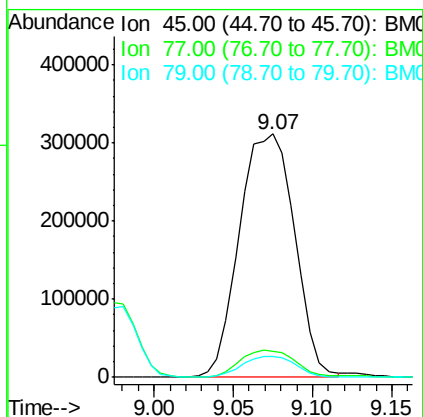
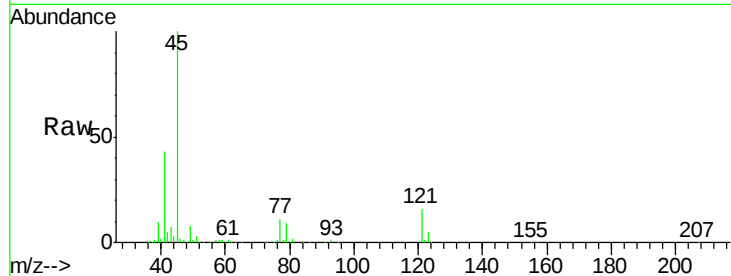




#12
 2,2'-oxvbis(1-Chloropropane)
 Concen: 22.164 ng/ul
 RT: 9.07 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

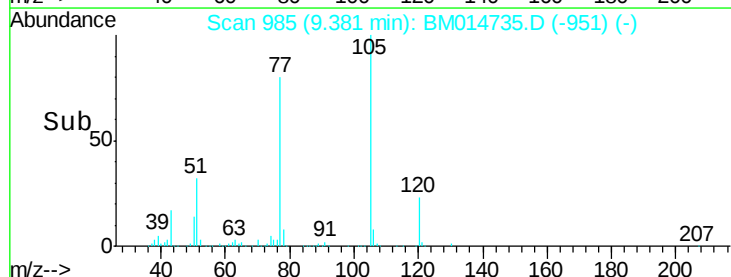
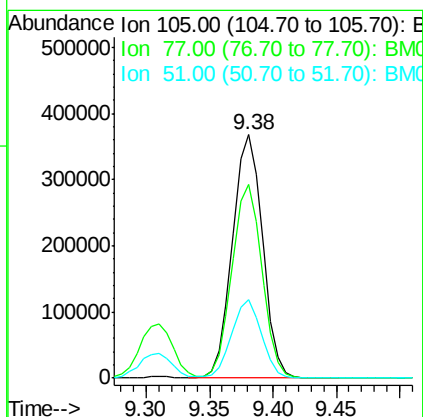
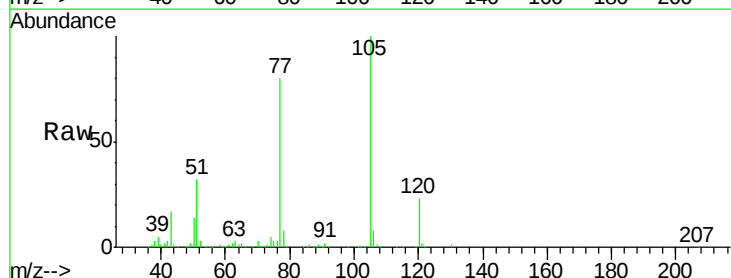
Instrument :
 BNA_M
 ClientSampleId :

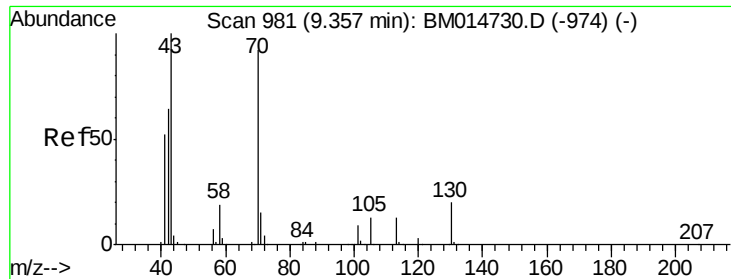
Tot Ion	Ratio	Lower	Upper
45	100		
77	10.9	8.0	12.0
79	8.6	8.0	12.0



#14
 Acetophenone
 Concen: 22.212 ng/ul
 RT: 9.38 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

Tgt Ion	Ratio	Lower	Upper
105	100		
77	79.8	74.2	111.4
51	32.2	23.4	35.2





#15

N-Nitroso-di-n-propylamine

Concen: 22.009 ng/ul

RT: 9.36 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 311672

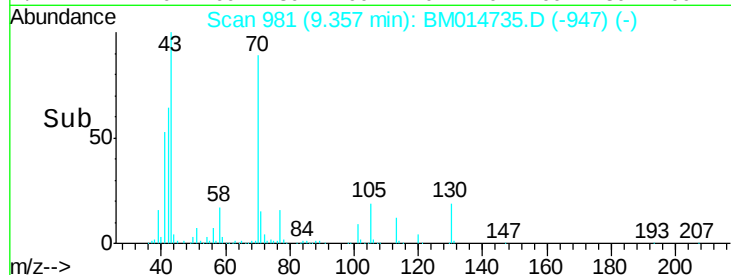
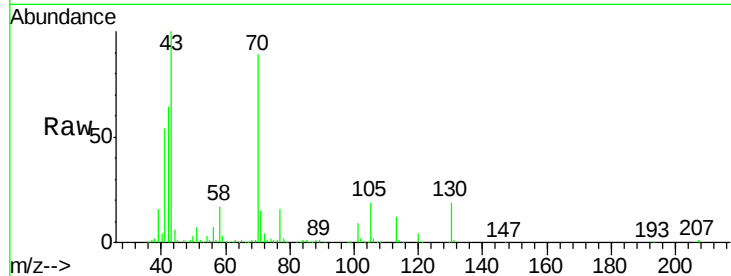
Ion Ratio Lower Upper

70 100

42 71.6 76.0 114.0#

101 9.6 6.7 10.1

130 21.1 14.6 22.0

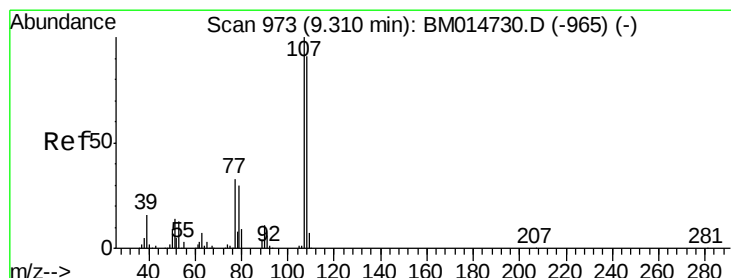
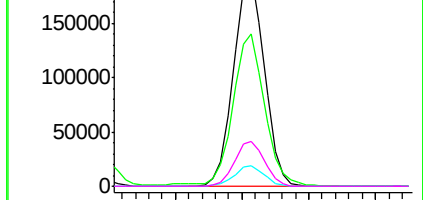


Abundance Ion 70.00 (69.70 to 70.70): BM014735.D (-947) (-)

Ion 42.00 (41.70 to 42.70): BM014735.D (-947) (-)

Ion 101.00 (100.70 to 101.70): BM014735.D (-947) (-)

Ion 130.00 (129.70 to 130.70): BM014735.D (-947) (-)



#16

4-Methylphenol

Concen: 21.968 ng/ul

RT: 9.31 min Scan# 973

Delta R.T. -0.00 min

Lab File: BM014735.D

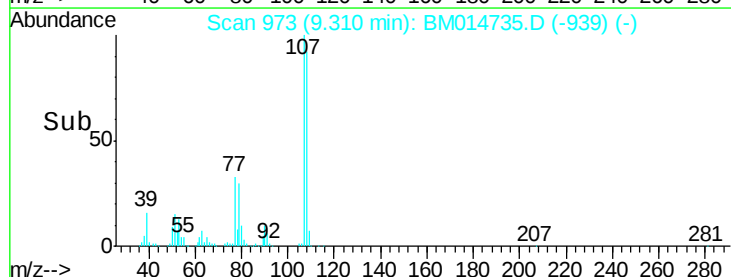
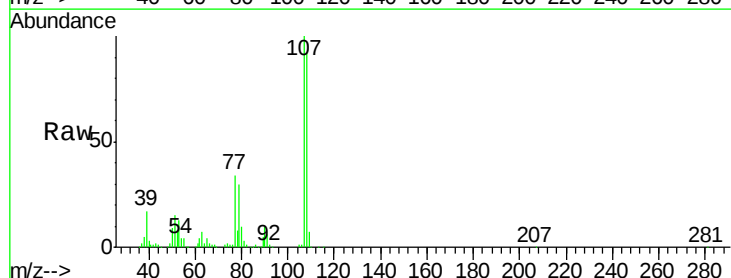
Acq: 19 Apr 2018 16:05

Tgt Ion: 108 Resp: 399221

Ion Ratio Lower Upper

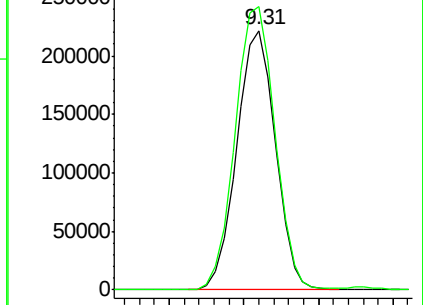
108 100

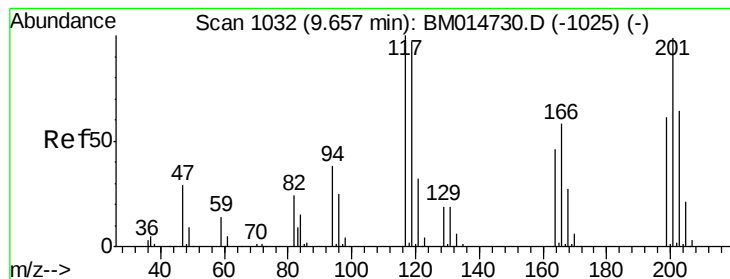
107 109.1 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM014735.D (-939) (-)

Ion 107.00 (106.70 to 107.70): BM014735.D (-939) (-)





#17

Hexachloroethane

Concen: 20.886 ng/ul

RT: 9.66 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

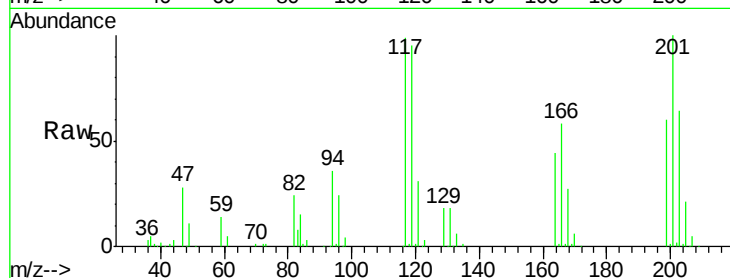
Tot Ion:117 Resp: 164348

Ion Ratio Lower Upper

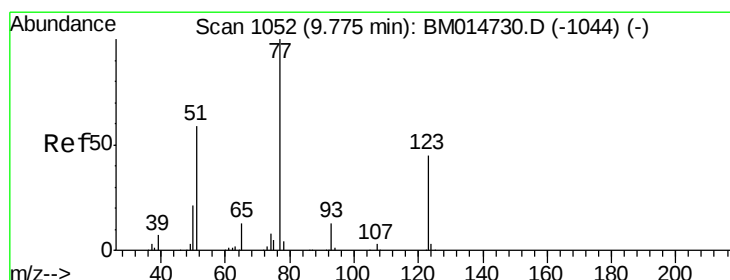
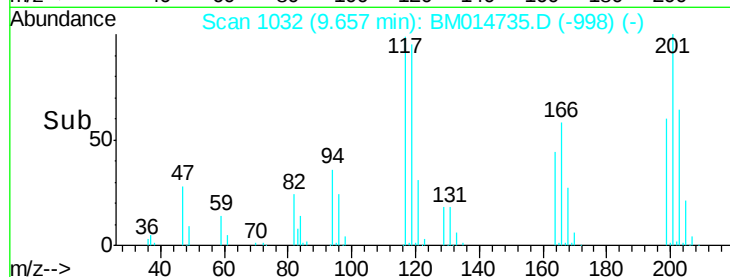
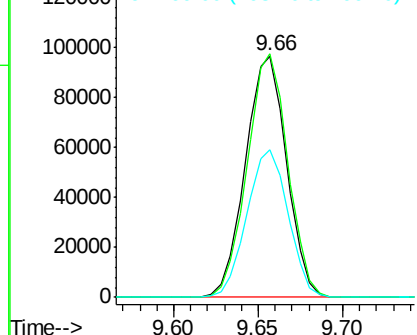
117 100

201 100.8 111.6 167.4#

199 61.0 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



#20

Nitrobenzene

Concen: 21.179 ng/ul

RT: 9.77 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

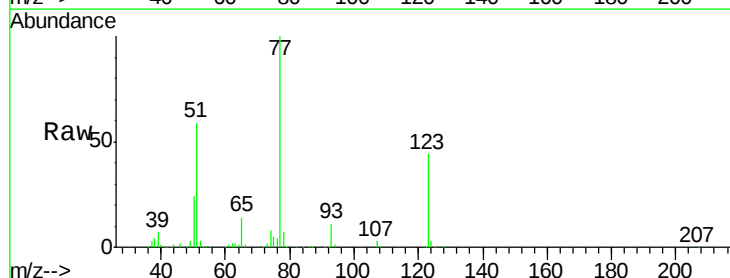
Tgt Ion: 77 Resp: 465335

Ion Ratio Lower Upper

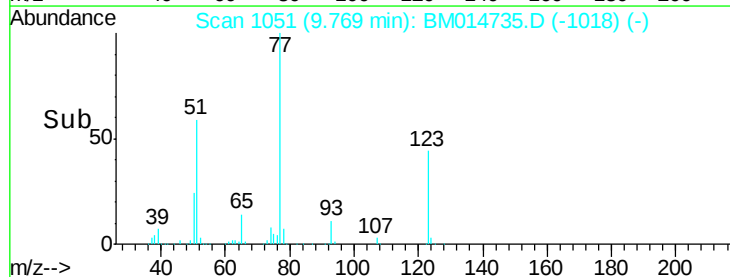
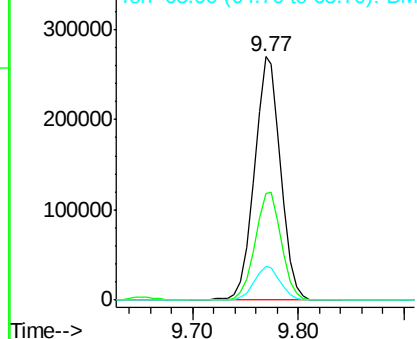
77 100

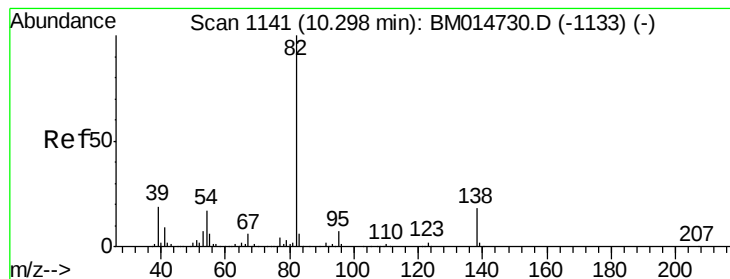
123 44.0 31.0 46.6

65 13.7 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: 21.375 ng/ul

RT: 10.30 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

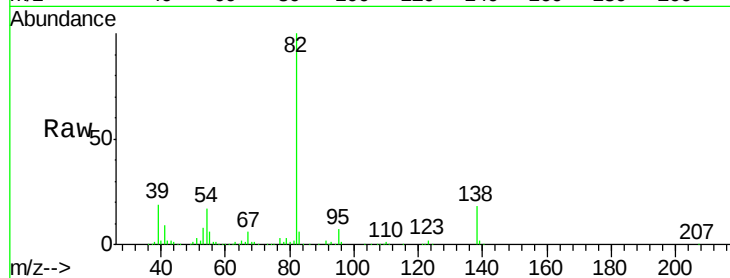
Tot Ion: 82 Resp: 803155

Ion Ratio Lower Upper

82 100

95 6.7 7.8 11.8#

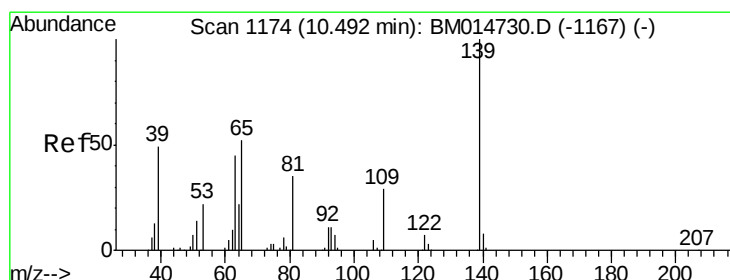
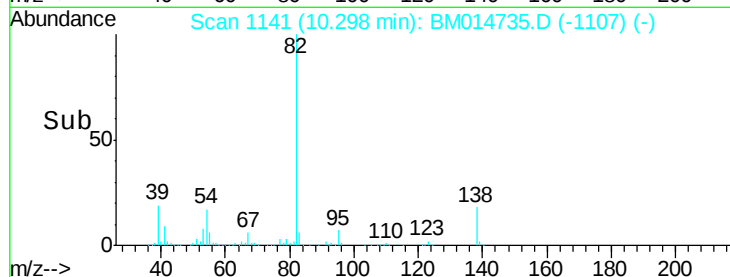
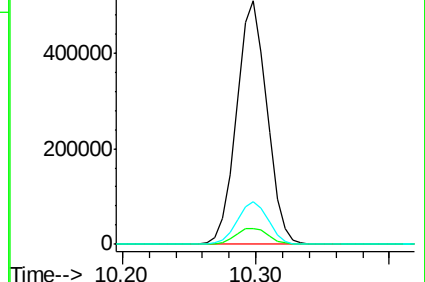
138 17.7 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM014735.D (-1133) (-)

Ion 95.00 (94.70 to 95.70): BM014735.D (-1133) (-)

Ion 138.00 (137.70 to 138.70): BM014735.D (-1133) (-)



#23

2-Nitrophenol

Concen: 21.427 ng/ul

RT: 10.49 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

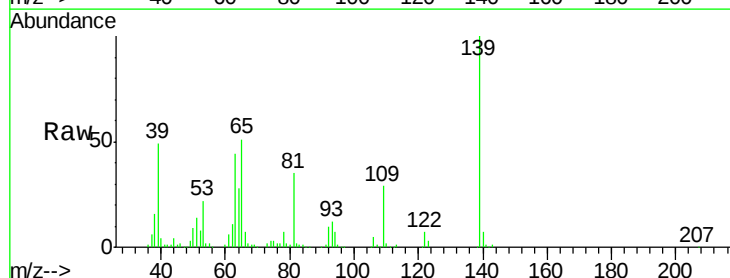
Tgt Ion: 139 Resp: 213205

Ion Ratio Lower Upper

139 100

65 51.1 55.4 83.0#

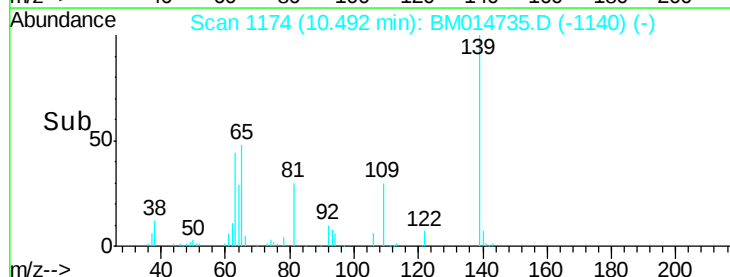
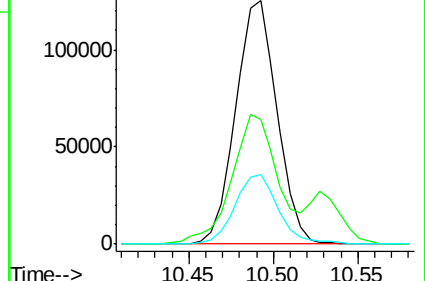
109 28.6 42.2 63.2#

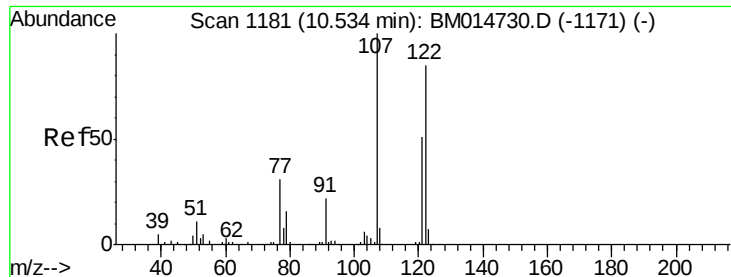


Abundance Ion 139.00 (138.70 to 139.70): BM014735.D (-1167) (-)

Ion 65.00 (64.70 to 65.70): BM014735.D (-1167) (-)

Ion 109.00 (108.70 to 109.70): BM014735.D (-1167) (-)

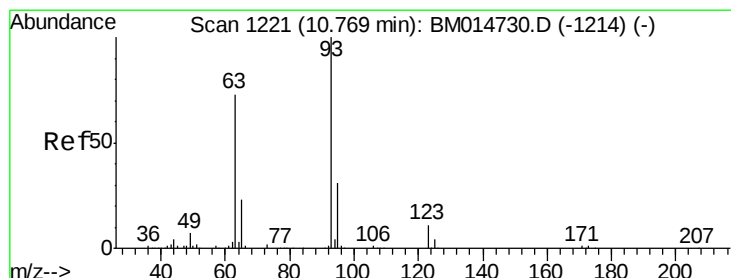
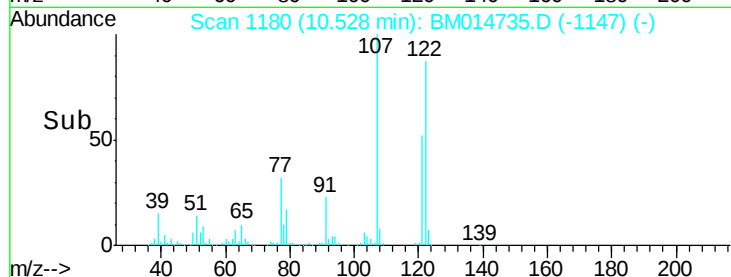
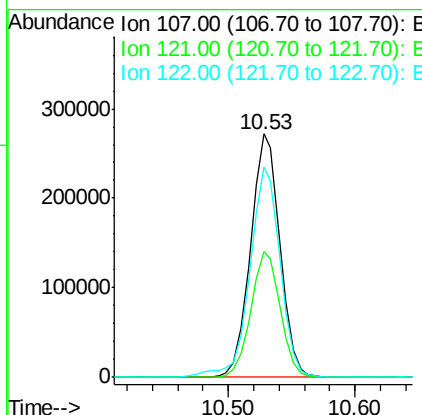
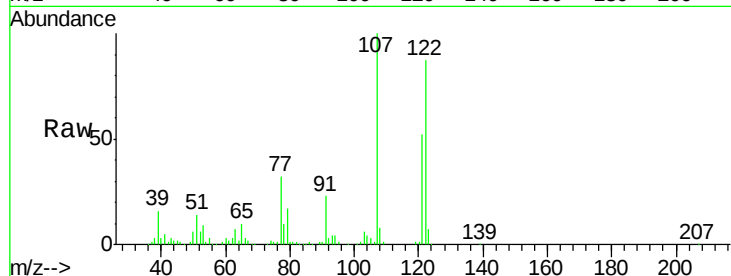




#24
 2,4-Dimethylphenol
 Concen: 20.945 ng/ul
 RT: 10.53 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

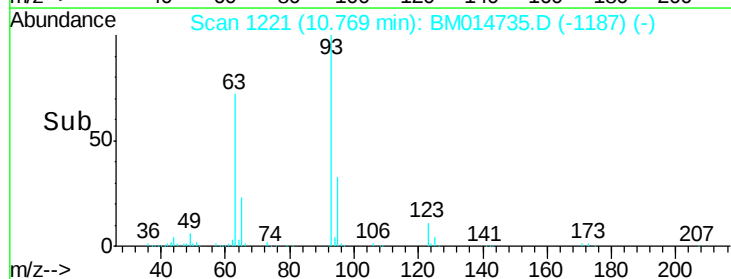
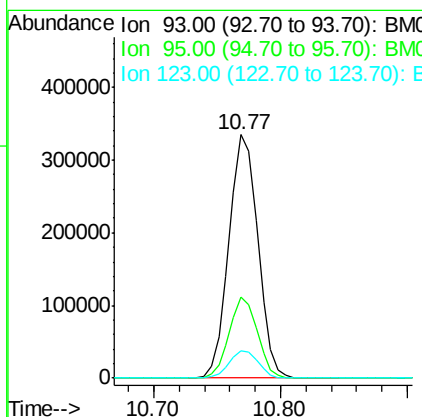
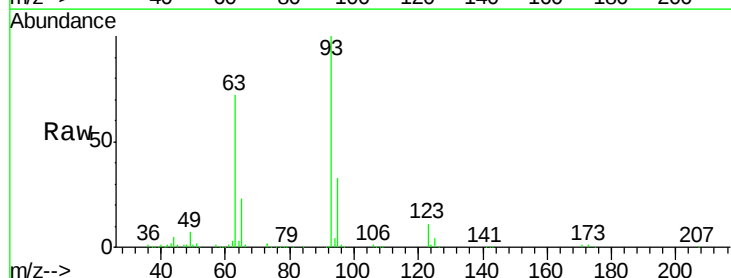
Instrument :
 BNA_M
 ClientSampleId :

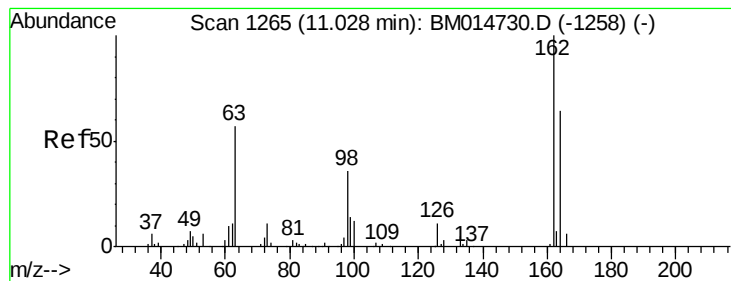
Tot Ion	Ratio	Lower	Upper
107	100		
121	51.8	31.9	47.9
122	86.6	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 20.970 ng/ul
 RT: 10.77 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	28.5	42.7
123	11.2	8.9	13.3





#27

2,4-Dichlorophenol

Concen: 20.925 ng/ul

RT: 11.02 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

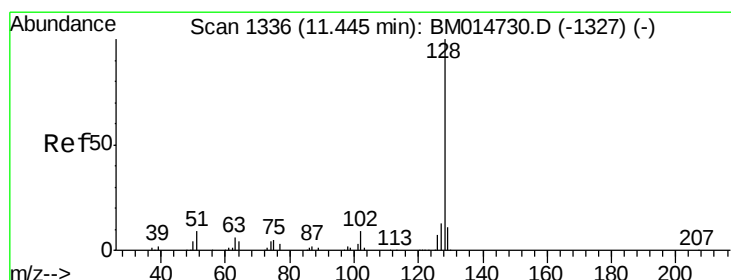
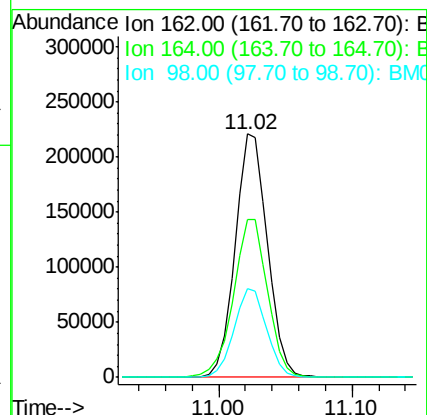
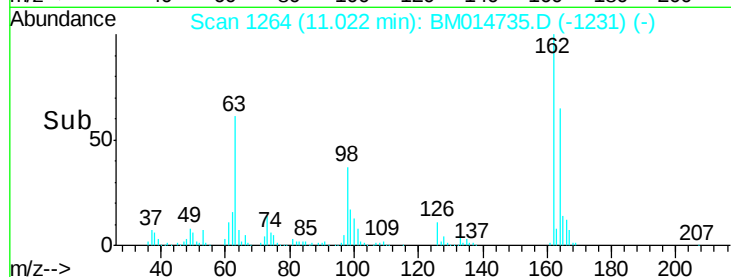
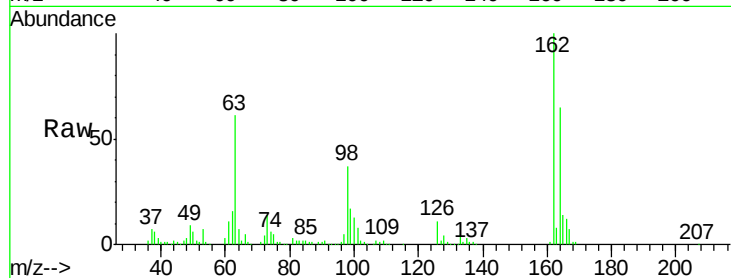
Tot Ion:162 Resp: 371818

Ion Ratio Lower Upper

162 100

164 64.9 47.8 71.6

98 36.7 23.0 34.4#



#28

Naphthalene

Concen: 20.695 ng/ul

RT: 11.45 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

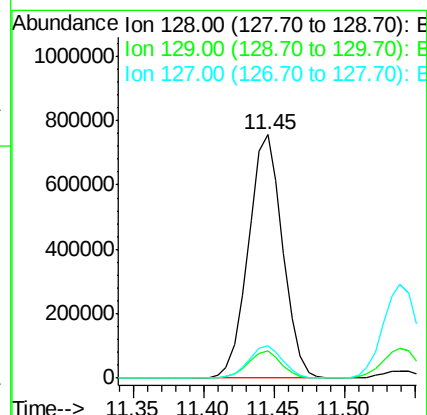
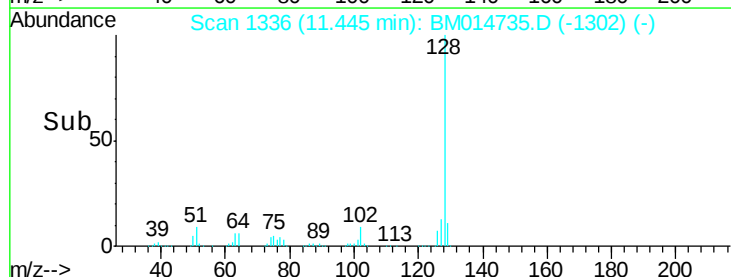
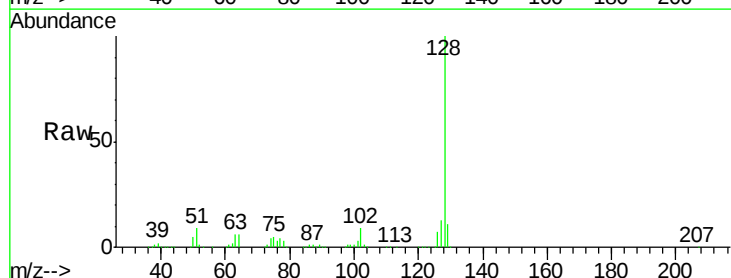
Tgt Ion:128 Resp: 1282957

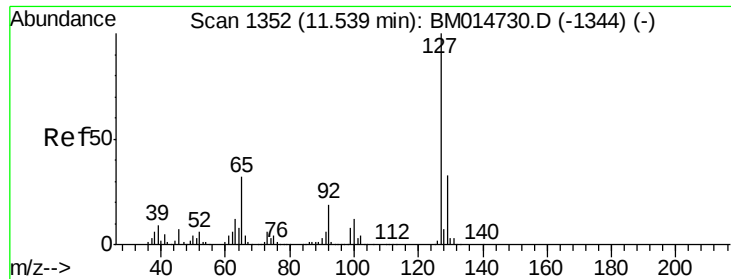
Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.1 10.6 16.0

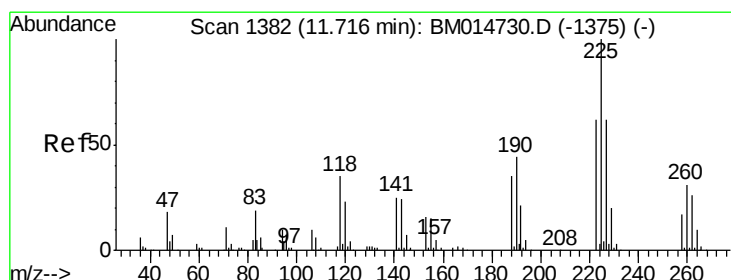
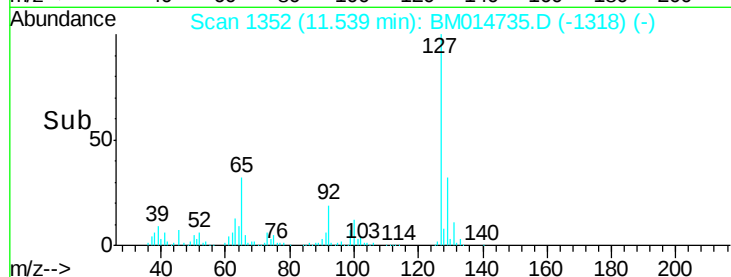
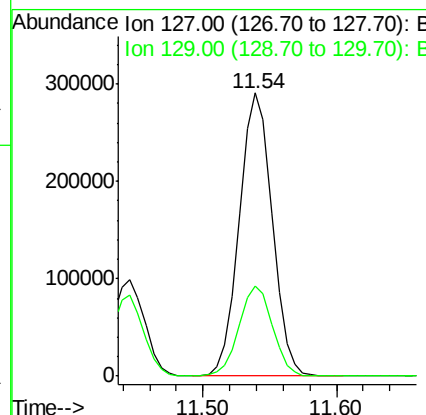
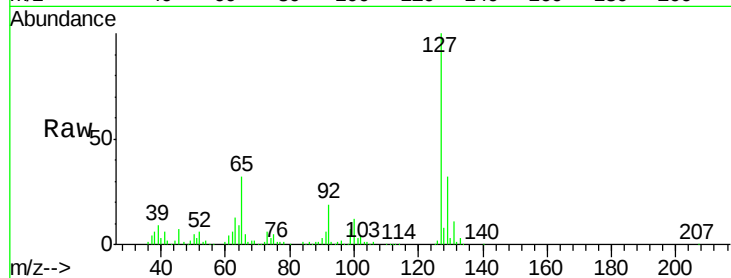




#30
4-Chloroaniline
Concen: 27.921 ng/ul
RT: 11.54 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

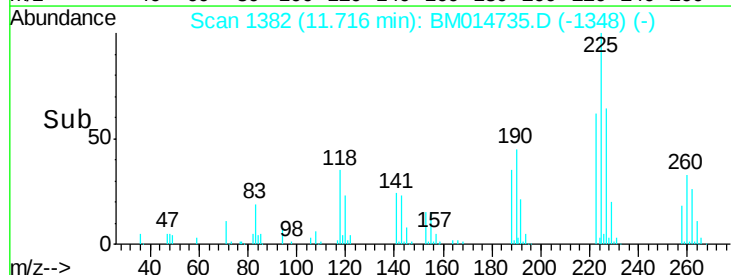
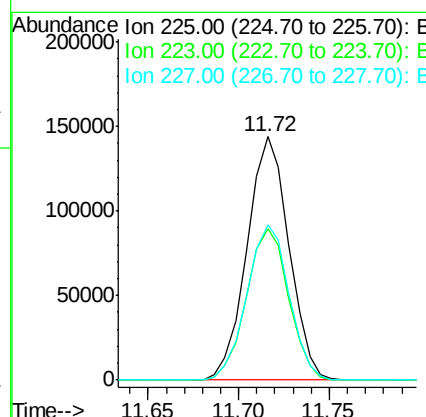
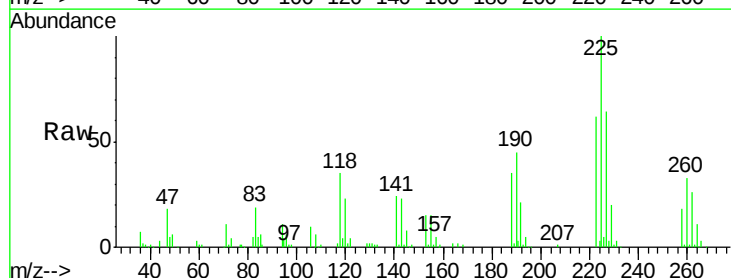
Instrument :
BNA_M
ClientSampled :

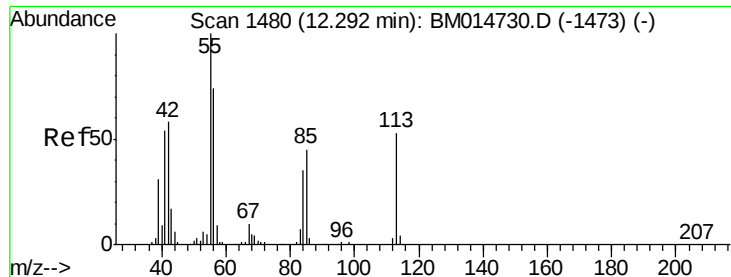
Tot Ion:127 Resp: 497871
Ion Ratio Lower Upper
127 100
129 31.7 28.4 42.6



#31
Hexachlorobutadiene
Concen: 20.218 ng/ul
RT: 11.72 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

Tgt Ion:225 Resp: 231166
Ion Ratio Lower Upper
225 100
223 62.5 49.4 74.2
227 63.8 45.4 68.2





#32

Caprolactam

Concen: 20.771 ng/ul

RT: 12.29 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampled :

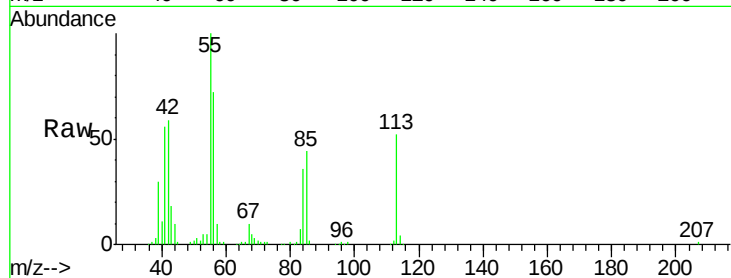
Tot Ion:113 Resp: 106341

Ion Ratio Lower Upper

113 100

55 190.9 208.0 312.0#

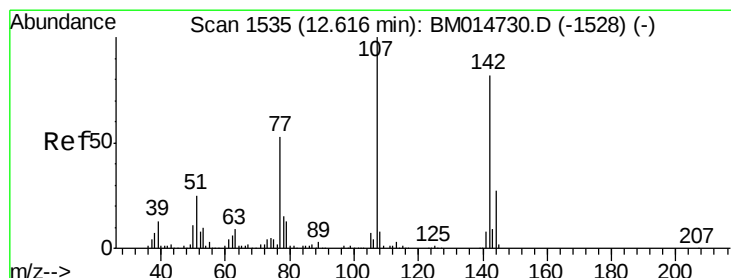
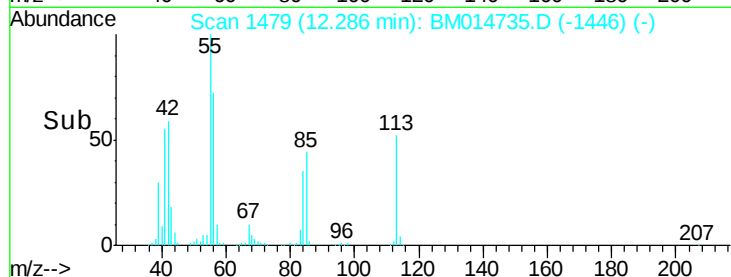
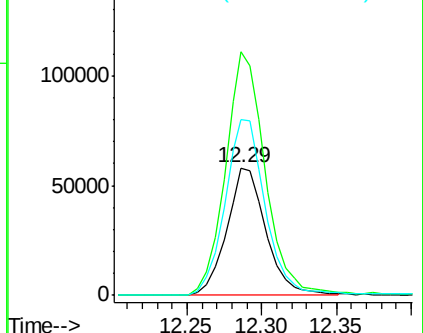
56 138.0 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 21.356 ng/ul

RT: 12.62 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

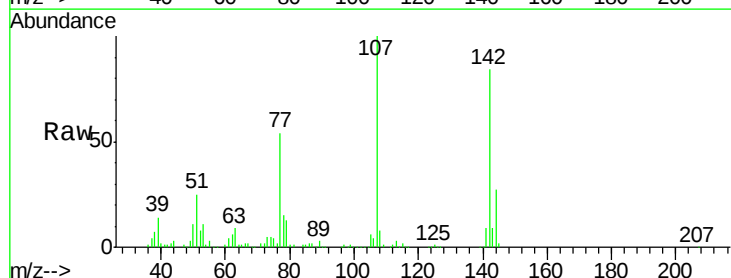
Tgt Ion:107 Resp: 383839

Ion Ratio Lower Upper

107 100

144 27.4 20.4 30.6

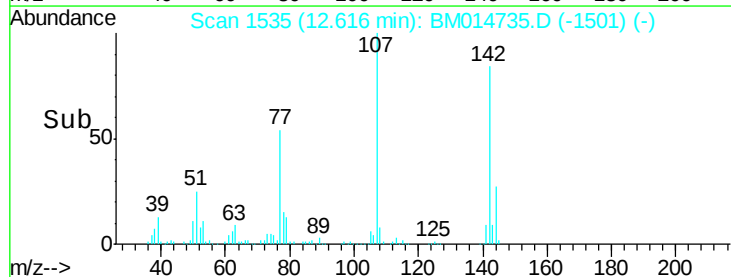
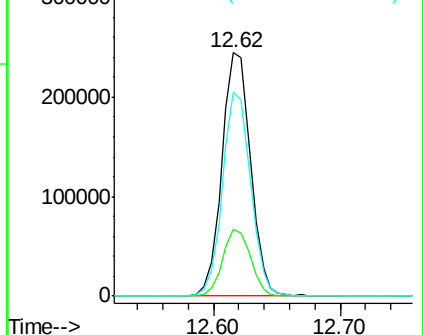
142 83.6 60.5 90.7

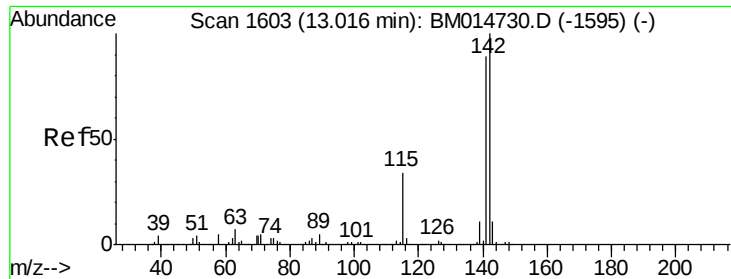


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

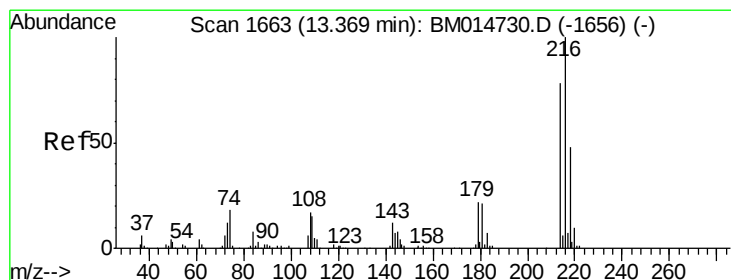
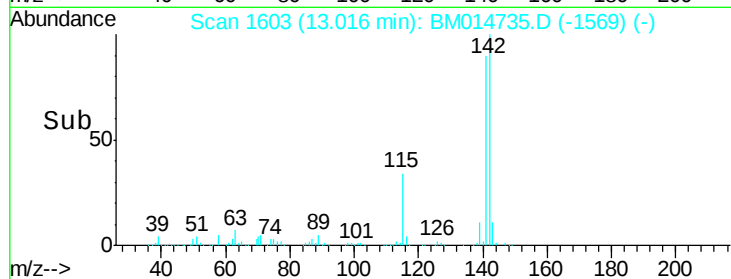
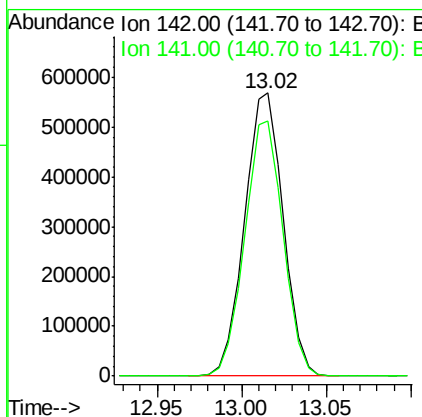
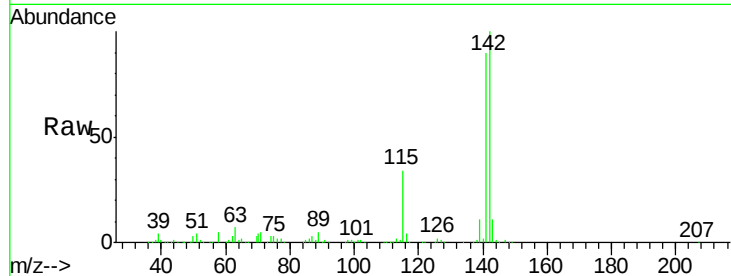




#34
 2-Methylnaphthalene
 Concen: 20.931 ng/ul
 RT: 13.02 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

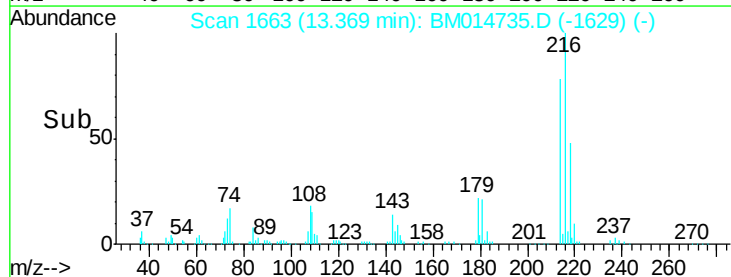
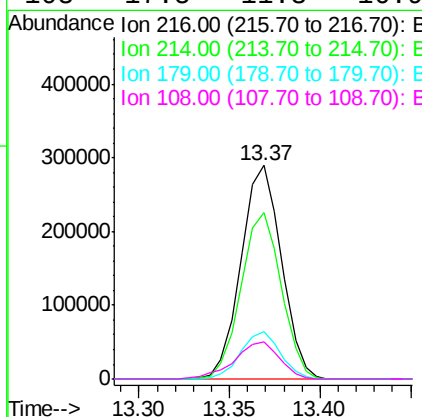
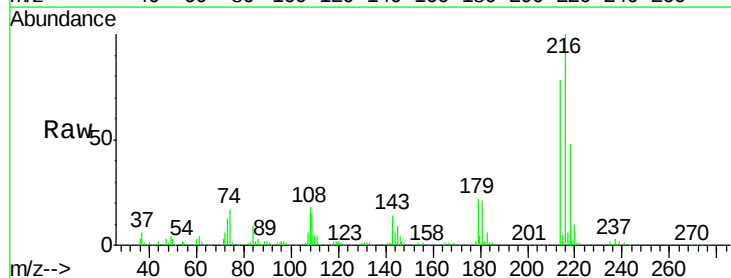
Instrument :
 BNA_M
 ClientSampleId :

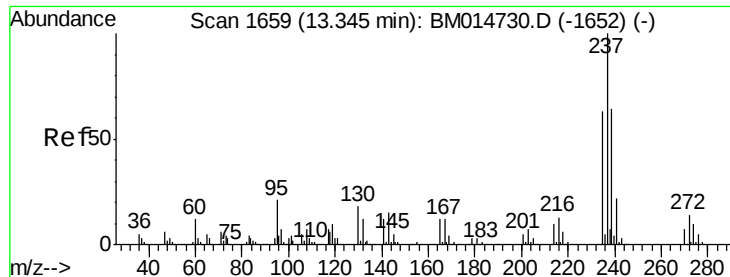
Tot Ion:142 Resp: 901057
 Ion Ratio Lower Upper
 142 100
 141 90.4 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.667 ng/ul
 RT: 13.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

Tgt Ion:216 Resp: 447167
 Ion Ratio Lower Upper
 216 100
 214 77.8 60.6 90.8
 179 22.1 17.5 26.3
 108 17.5 11.3 16.9#





#37

Hexachlorocyclopentadiene

Concen: 19.960 ng/ul

RT: 13.35 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampled :

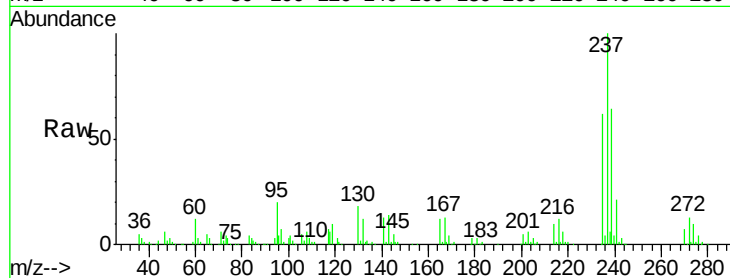
Tot Ion:237 Resp: 297523

Ion Ratio Lower Upper

237 100

235 61.8 50.2 75.4

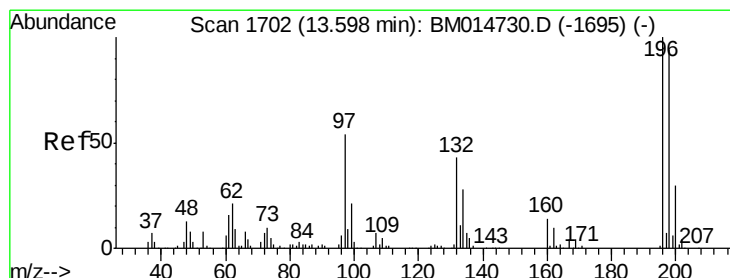
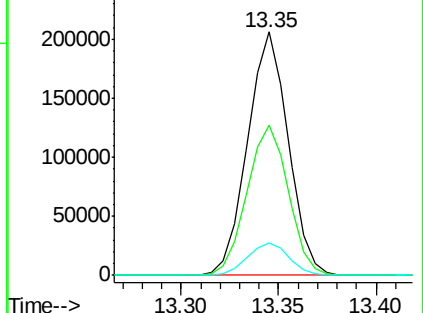
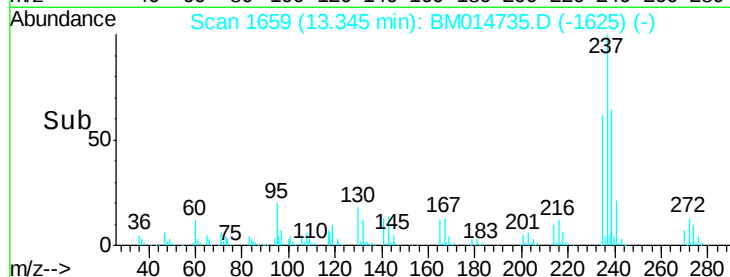
272 13.8 11.0 16.6



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: 21.054 ng/ul

RT: 13.59 min Scan# 1701

Delta R.T. -0.01 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

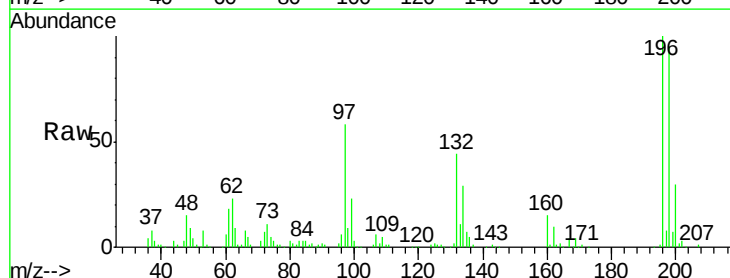
Tgt Ion:196 Resp: 281364

Ion Ratio Lower Upper

196 100

198 94.5 74.1 111.1

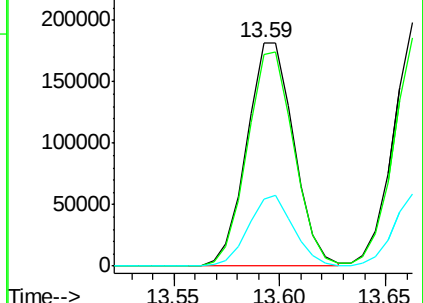
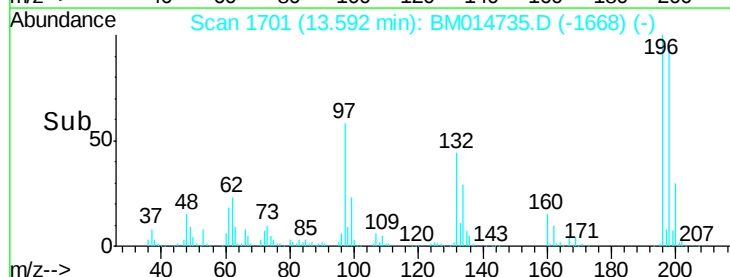
200 30.1 25.2 37.8

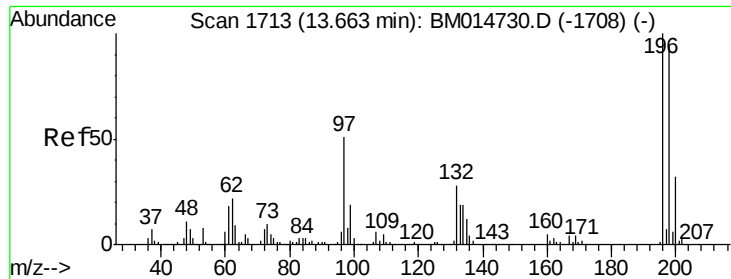


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

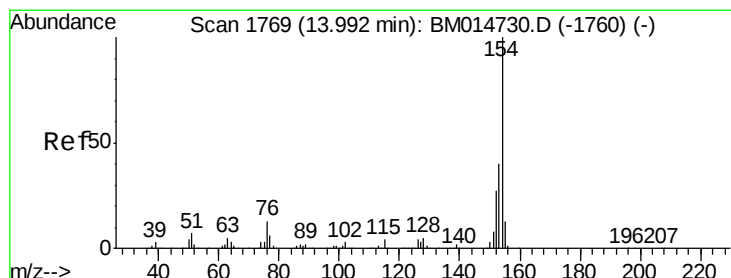
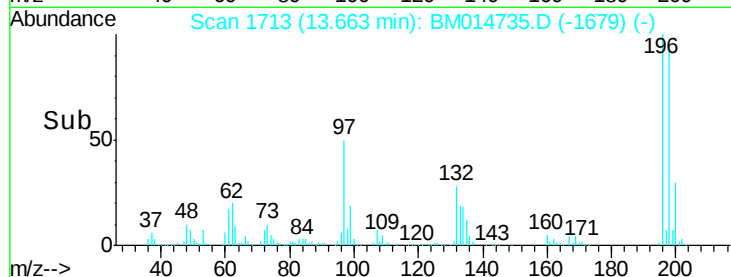
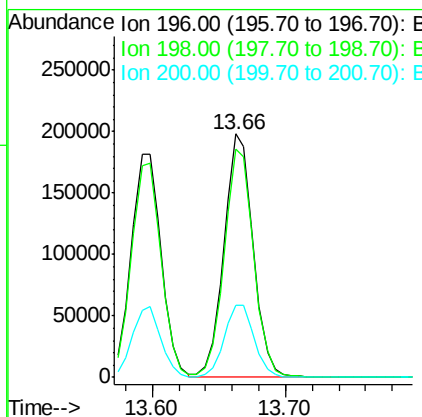
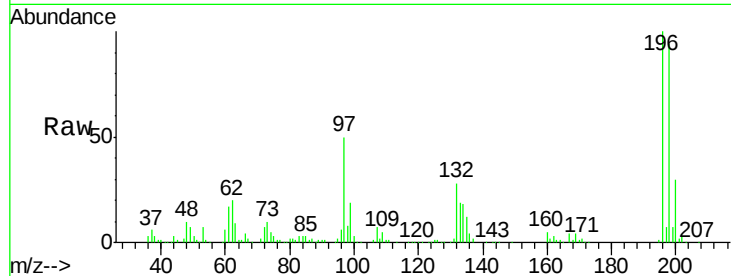




#39
 2,4,5-Trichlorophenol
 Concen: 21.208 ng/ul
 RT: 13.66 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

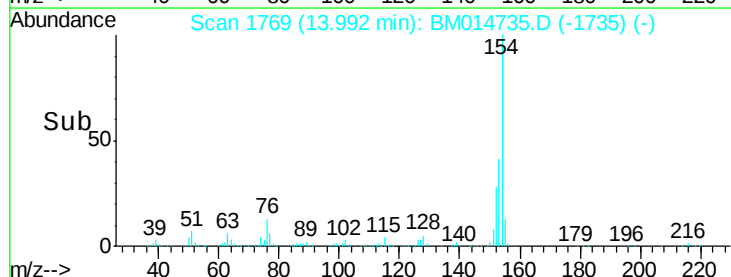
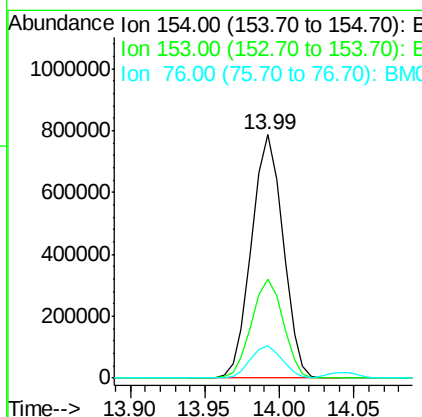
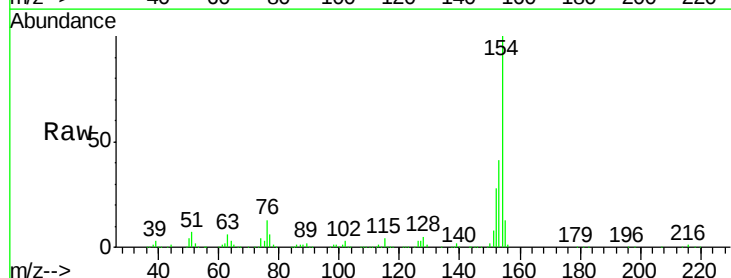
Instrument :
 BNA_M
 ClientSampleId :

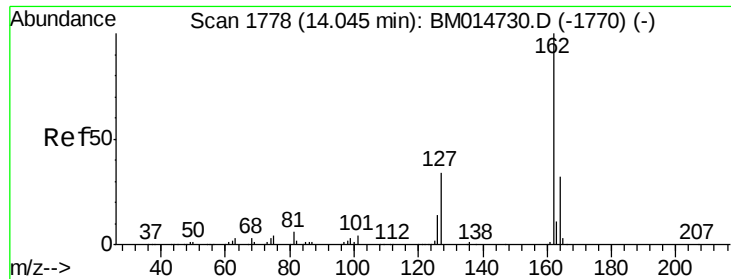
Tot Ion:196 Resp: 302728
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.6 113.4
 200 29.7 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 20.810 ng/ul
 RT: 13.99 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

Tgt Ion:154 Resp: 1155002
 Ion Ratio Lower Upper
 154 100
 153 40.7 32.6 48.8
 76 13.1 8.5 12.7#

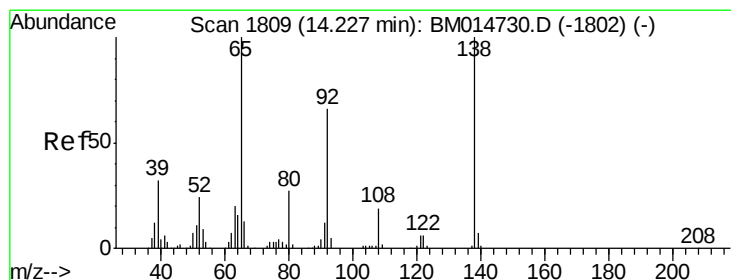
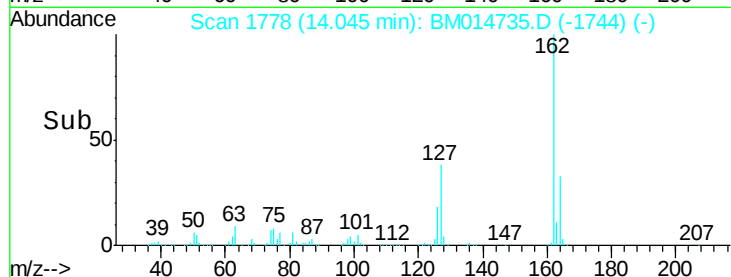
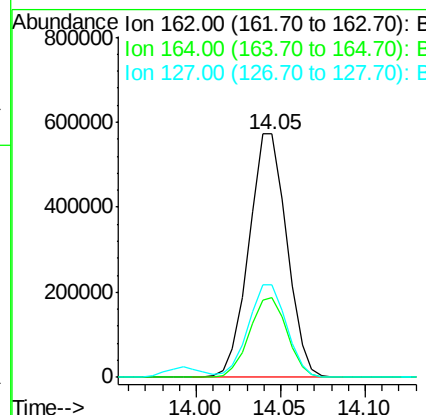
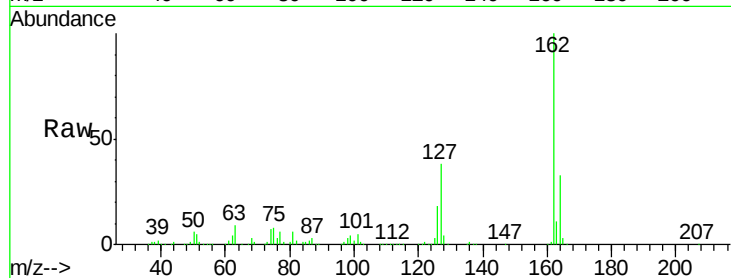




#41
 2-Chloronaphthalene
 Concen: 20.827 ng/ul
 RT: 14.05 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

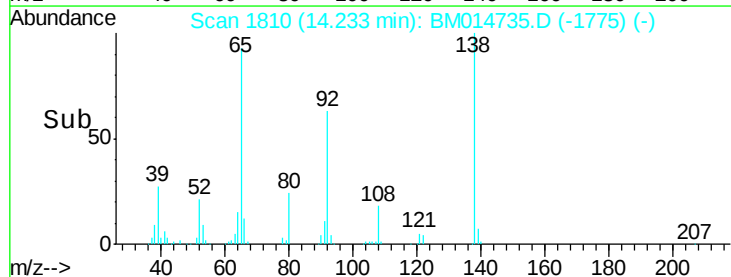
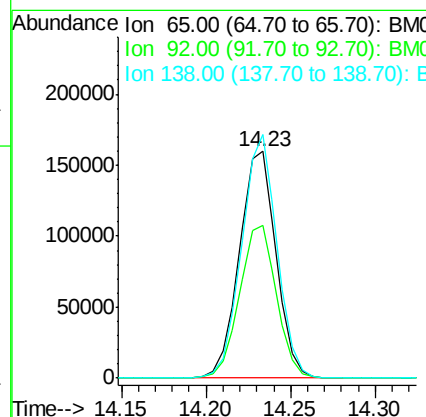
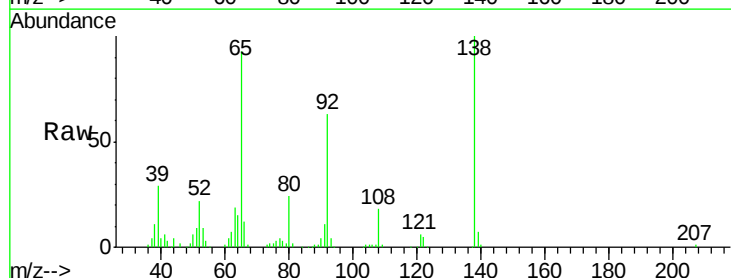
Instrument :
 BNA_M
 ClientSampleId :

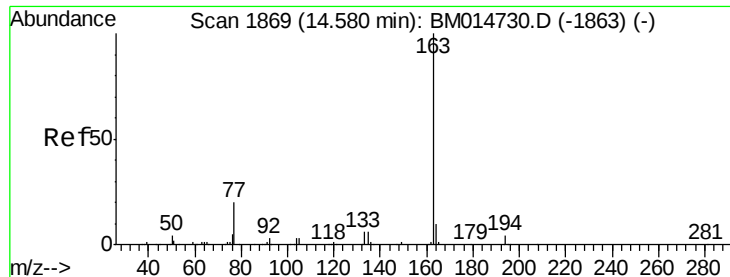
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.0	25.9	38.9
127	37.8	29.4	44.2



#42
 2-Nitroaniline
 Concen: 21.224 ng/ul
 RT: 14.23 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	51.8	77.6
138	107.4	74.2	111.4

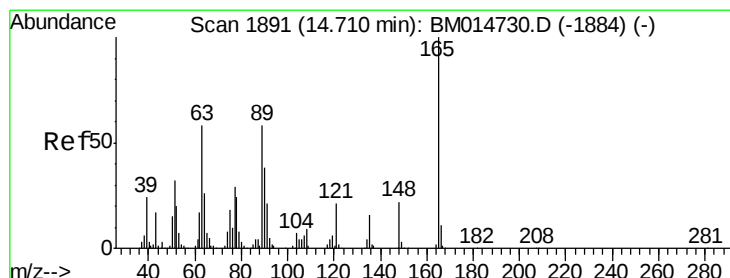
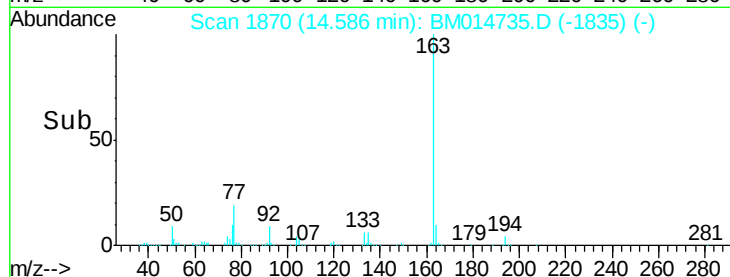
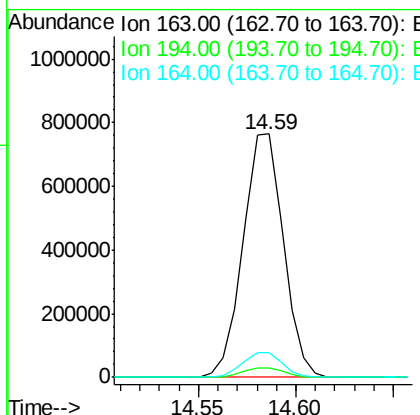
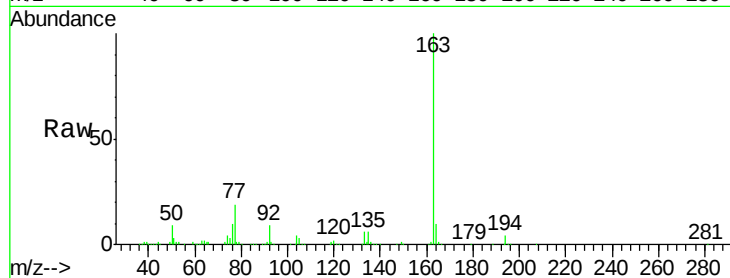




#44
Dimethylphthalate
Concen: 21.025 ng/ul
RT: 14.59 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

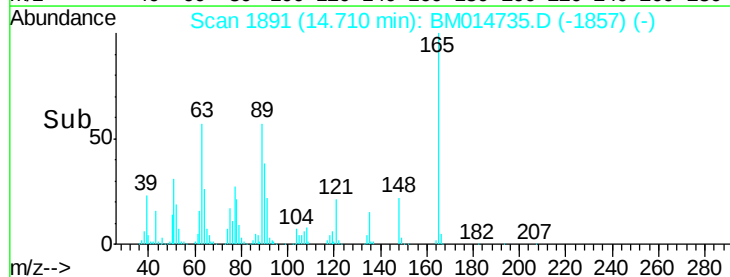
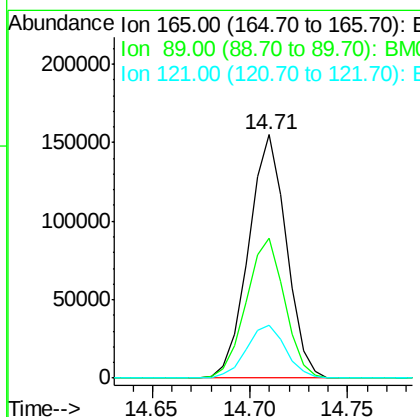
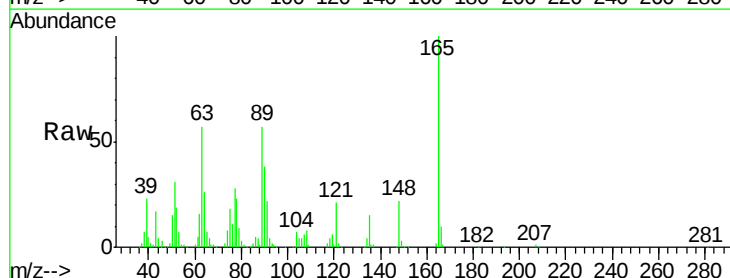
Instrument :
BNA_M
ClientSampleId :

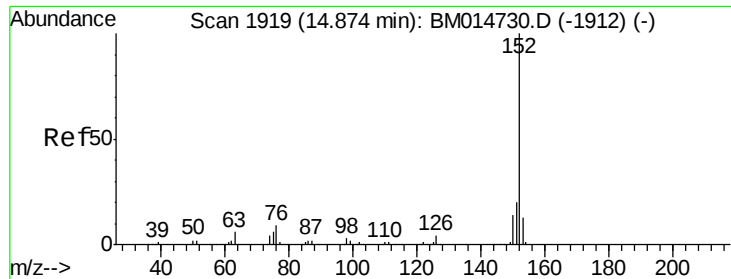
Tot Ion:163 Resp: 1095052
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.0 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 21.796 ng/ul
RT: 14.71 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

Tgt Ion:165 Resp: 208207
Ion Ratio Lower Upper
165 100
89 57.2 52.6 79.0
121 21.5 14.6 22.0





#47

Acenaphthylene

Concen: 21.160 ng/ul

RT: 14.87 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

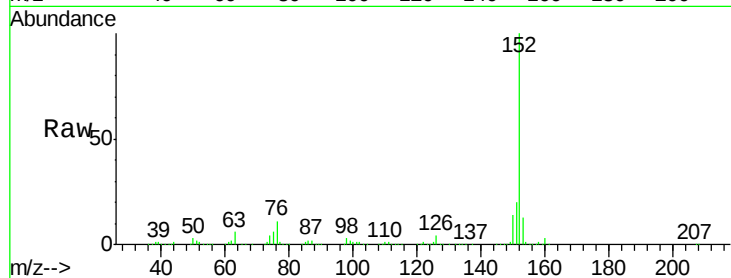
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1363897

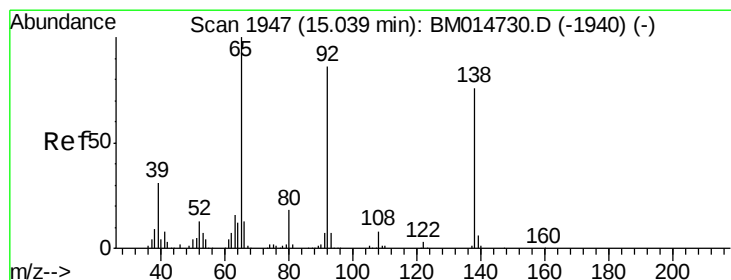
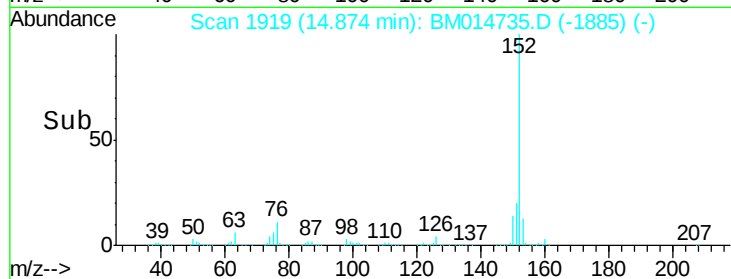
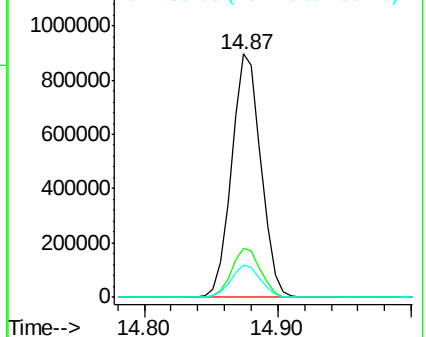
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.3	10.2	15.4



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: 23.142 ng/ul

RT: 15.04 min Scan# 1947

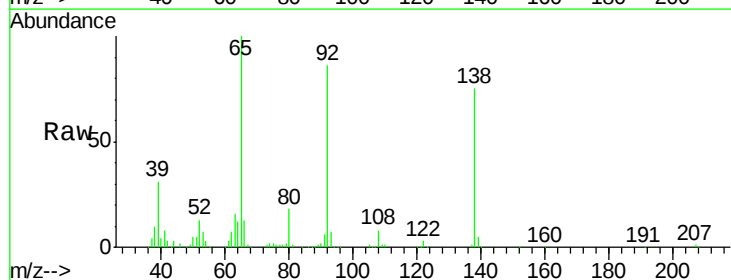
Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Tgt Ion:138 Resp: 217540

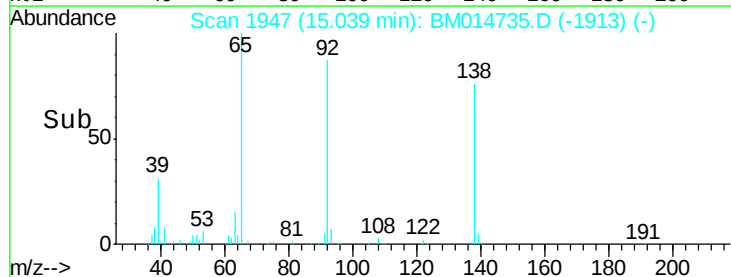
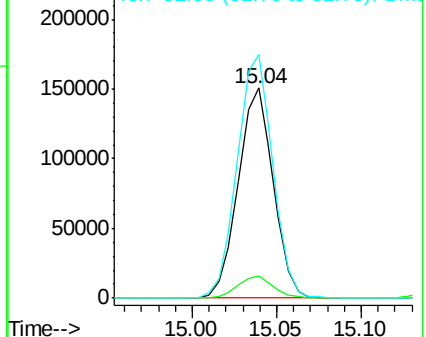
Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.9	14.9
92	115.9	105.0	157.4

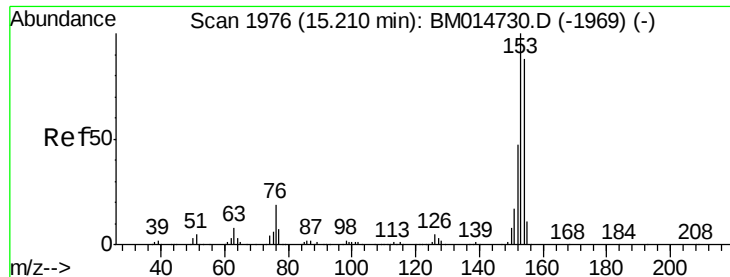


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 21.043 ng/ul

RT: 15.21 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

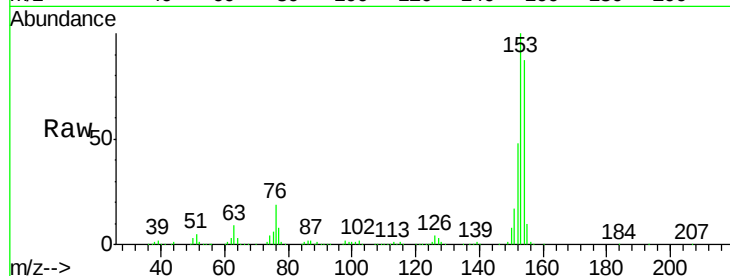
Tot Ion:153 Resp: 963896

Ion Ratio Lower Upper

153 100

152 47.5 37.6 56.4

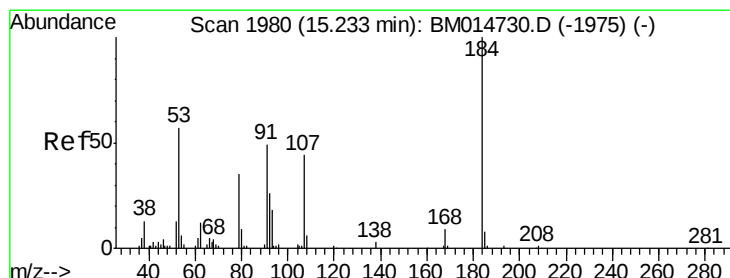
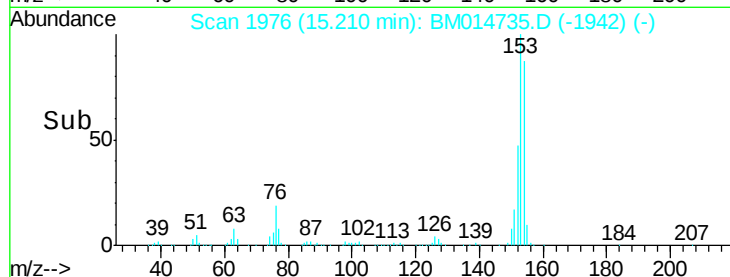
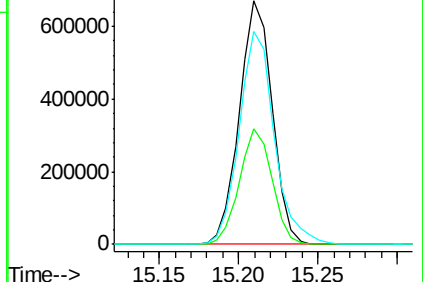
154 87.4 70.4 105.6



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: 18.337 ng/ul

RT: 15.23 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

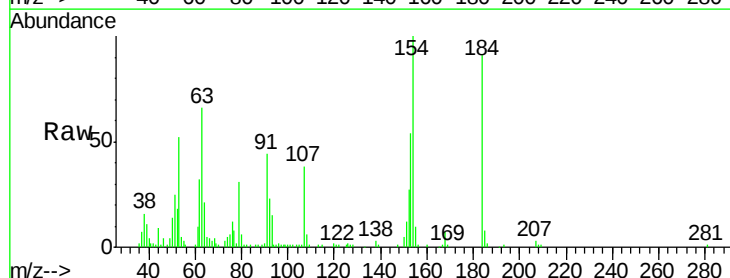
Tgt Ion:184 Resp: 97260

Ion Ratio Lower Upper

184 100

63 72.3 50.1 75.1

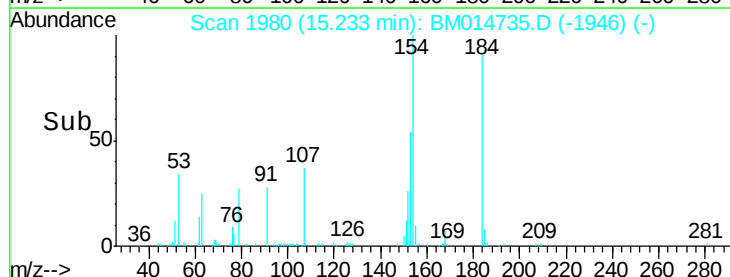
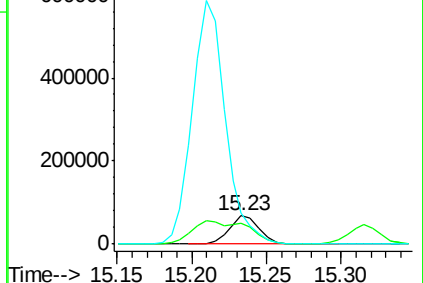
154 109.3 54.5 81.7#

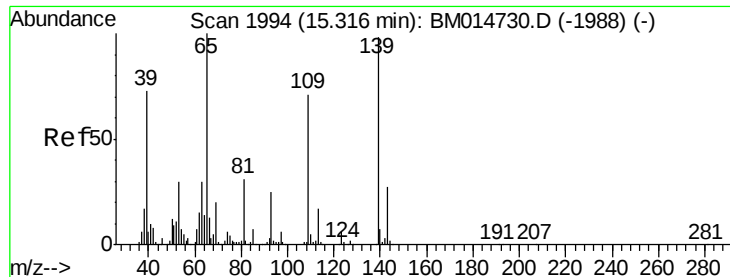


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

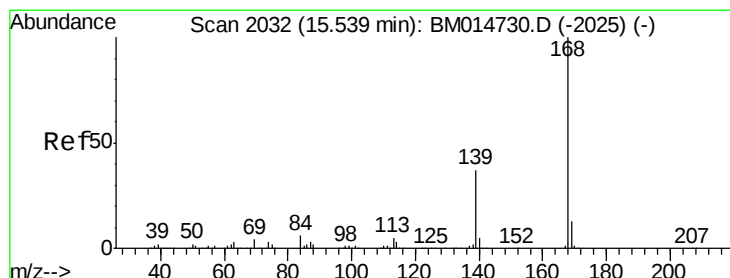
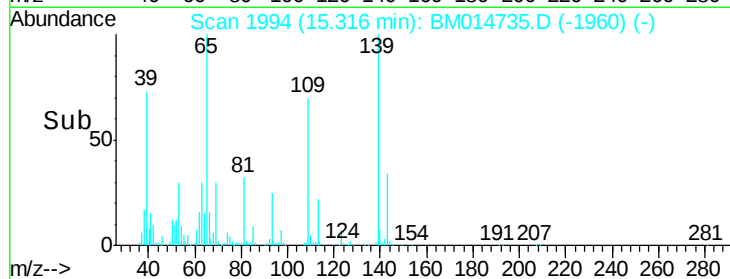
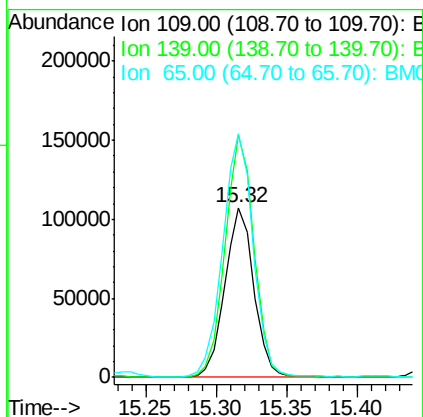
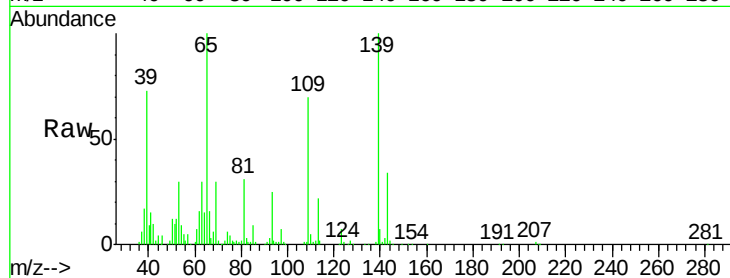




#52
4-Nitrophenol
Concen: 21.310 ng/ul
RT: 15.32 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

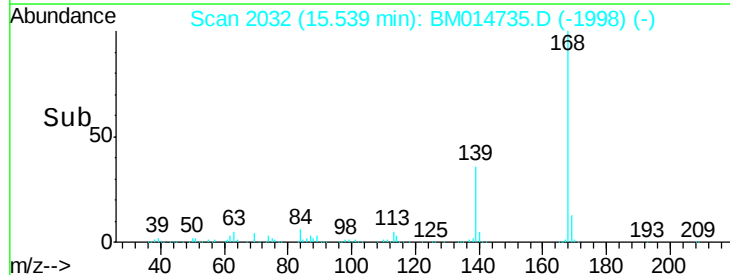
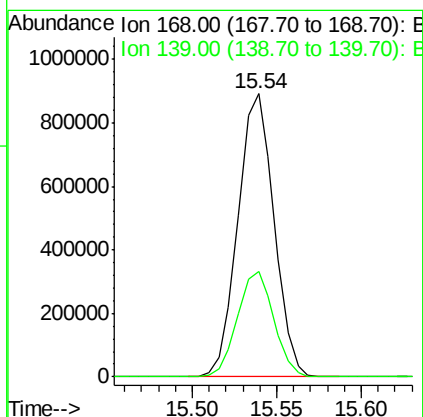
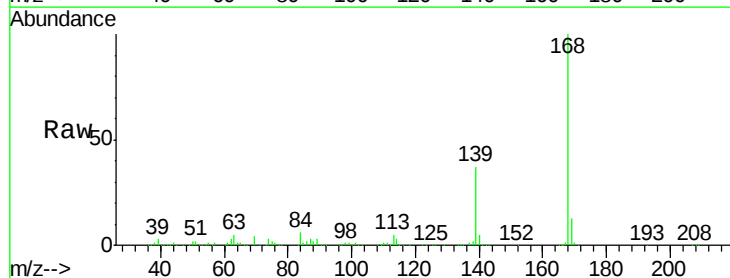
Instrument :
BNA_M
ClientSampleId :

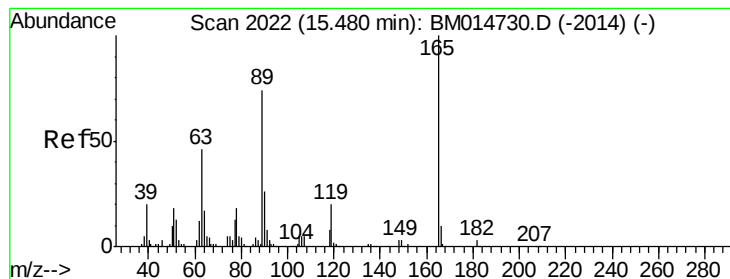
Tot Ion	Ratio	Lower	Upper
109	100		
139	143.1	80.0	120.0#
65	143.7	120.0	180.0



#53
Dibenzofuran
Concen: 20.889 ng/ul
RT: 15.54 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.8	46.2





#54

2,4-Dinitrotoluene

Concen: 21.897 ng/ul

RT: 15.48 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

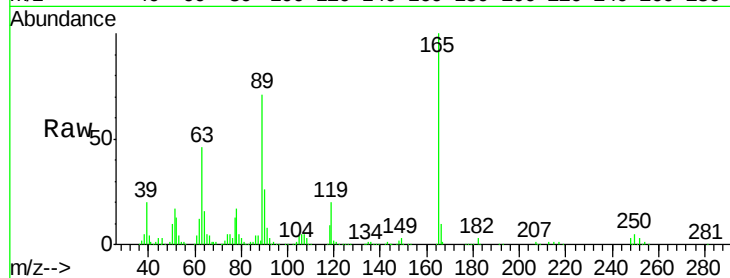
Tot Ion:165 Resp: 308189

Ion Ratio Lower Upper

165 100

63 45.6 45.8 68.8#

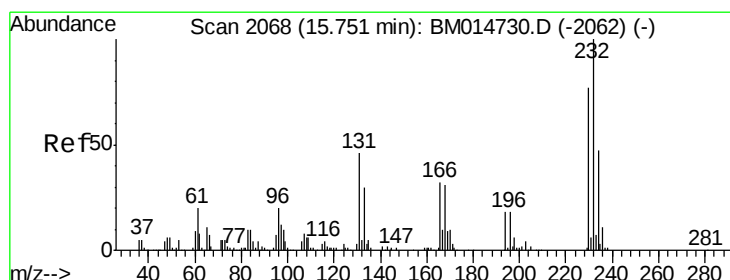
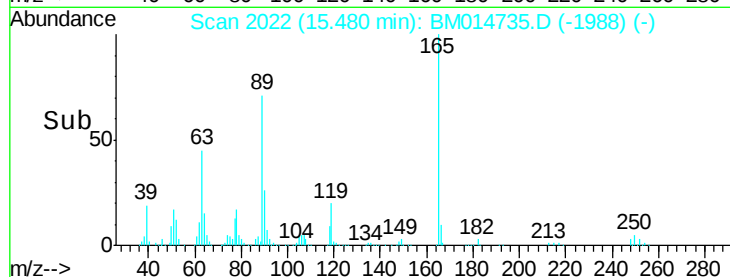
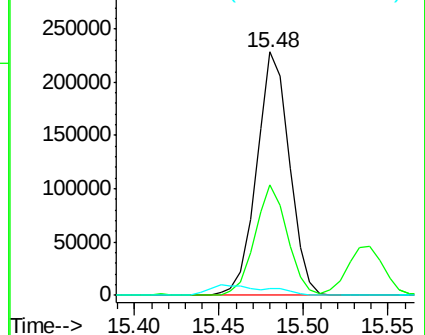
182 2.8 2.6 4.0



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: 21.065 ng/ul

RT: 15.75 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Tgt Ion:232 Resp: 255128

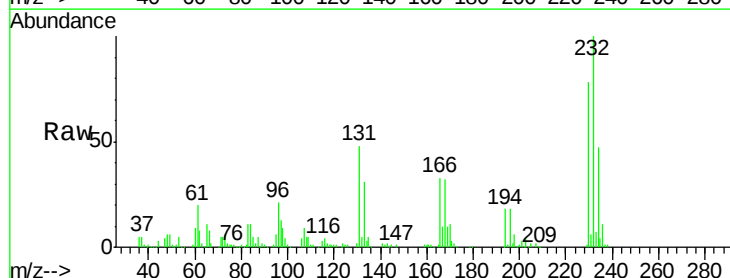
Ion Ratio Lower Upper

232 100

131 48.1 29.0 43.4#

130 2.5 2.0 3.0

166 32.9 21.4 32.2#

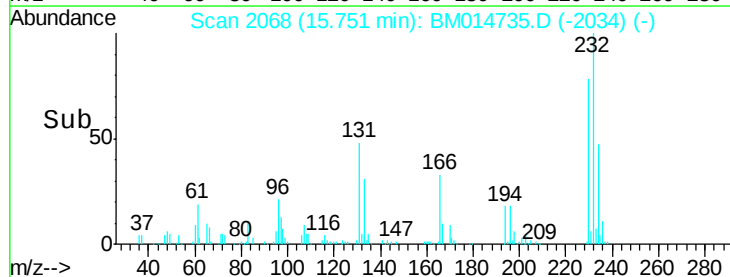
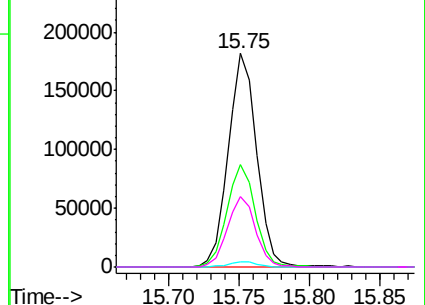


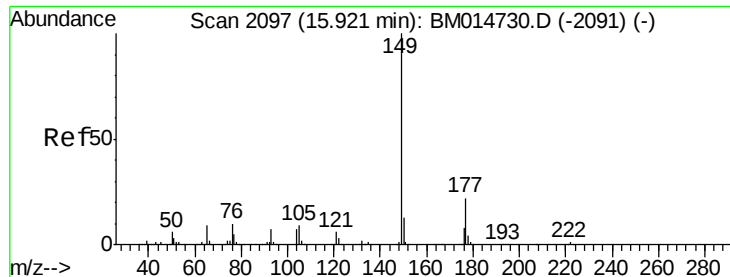
Abundance Ion 232.00 (231.70 to 232.70): E

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

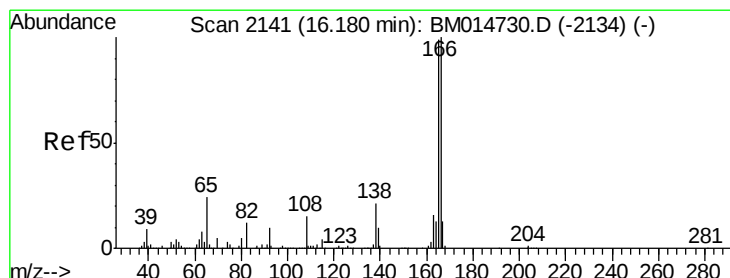
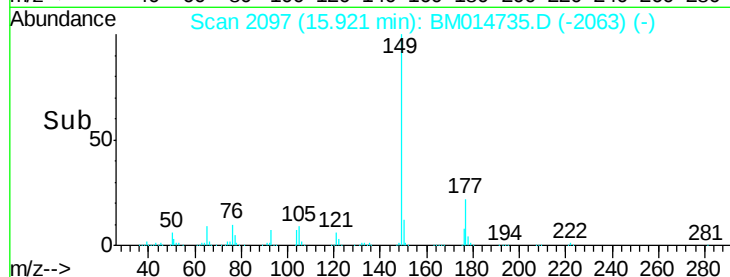
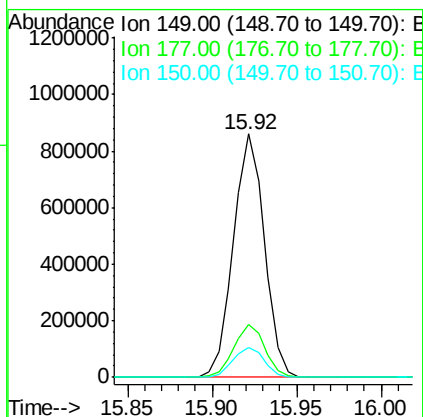
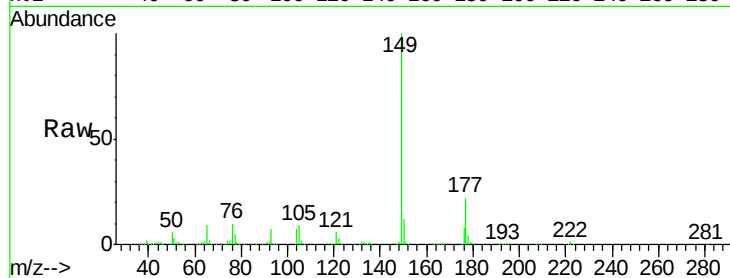




#56
Diethylphthalate
Concen: 21.003 ng/ul
RT: 15.92 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

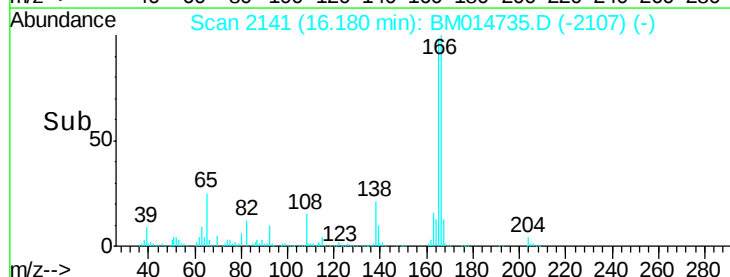
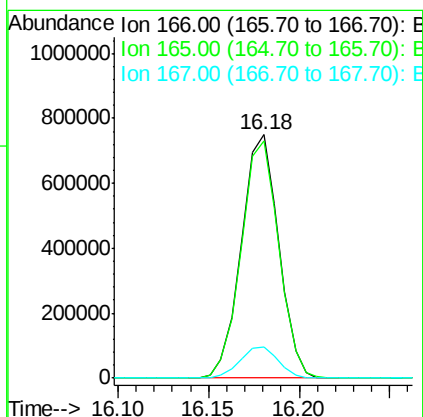
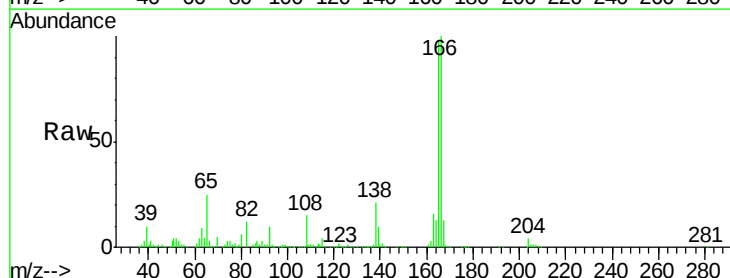
Instrument :
BNA_M
ClientSampleId :

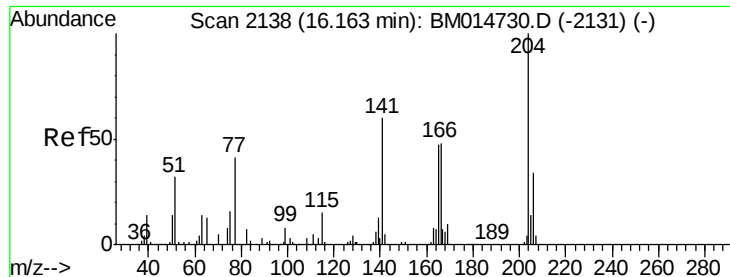
Tot Ion:149 Resp: 1101139
Ion Ratio Lower Upper
149 100
177 21.7 20.5 30.7
150 12.2 10.6 15.8



#58
Fluorene
Concen: 20.906 ng/ul
RT: 16.18 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

Tgt Ion:166 Resp: 1073787
Ion Ratio Lower Upper
166 100
165 97.5 77.9 116.9
167 12.8 10.6 16.0

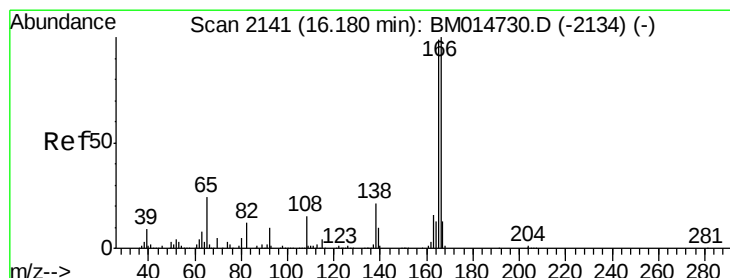
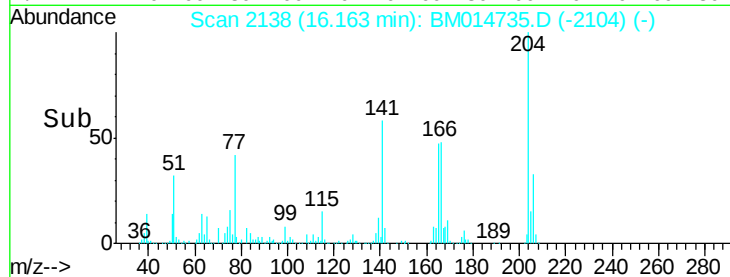
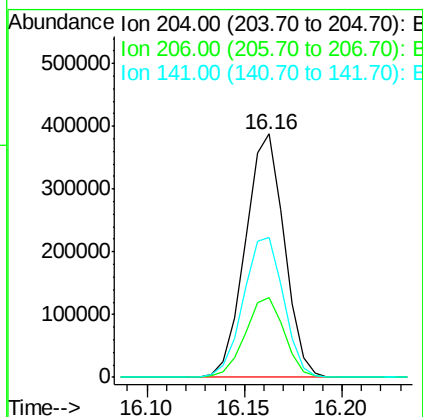
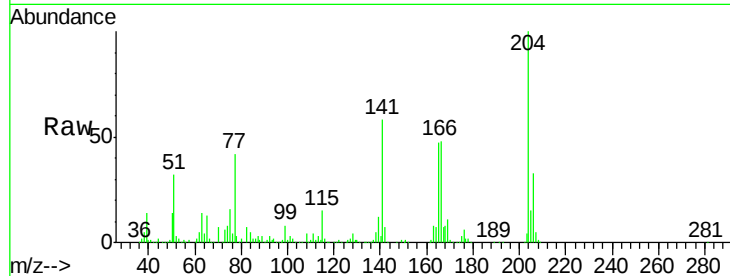




#59
 4-Chlorophenyl-phenylether
 Concen: 20.824 ng/ul
 RT: 16.16 min Scan# 2138
 Delta R.T. -0.00 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

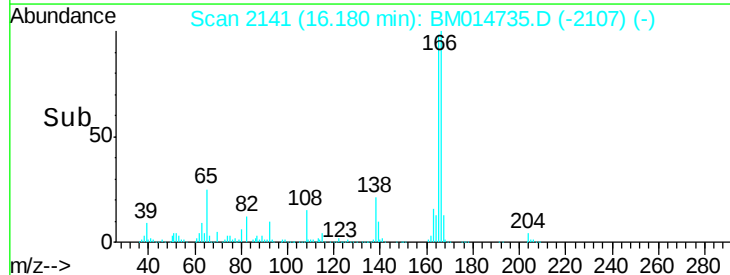
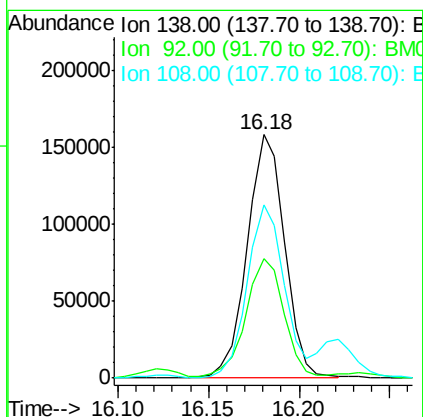
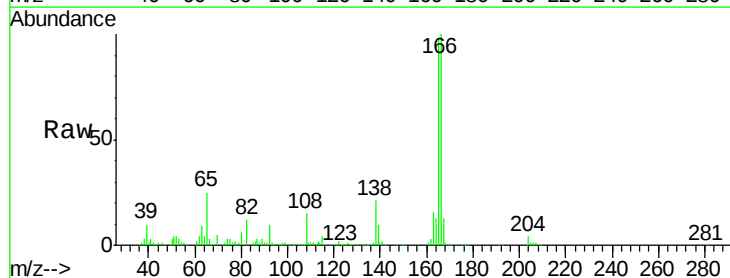
Instrument :
 BNA_M
 ClientSampled :

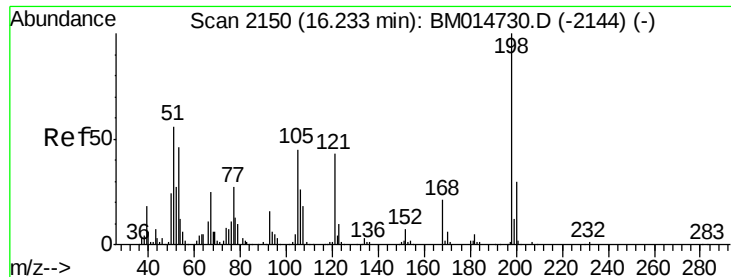
Tot Ion:204 Resp: 535356
 Ion Ratio Lower Upper
 204 100
 206 32.6 24.8 37.2
 141 57.5 44.3 66.5



#60
 4-Nitroaniline
 Concen: 20.779 ng/ul
 RT: 16.18 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

Tgt Ion:138 Resp: 227859
 Ion Ratio Lower Upper
 138 100
 92 49.1 40.0 60.0
 108 71.3 80.0 120.0#

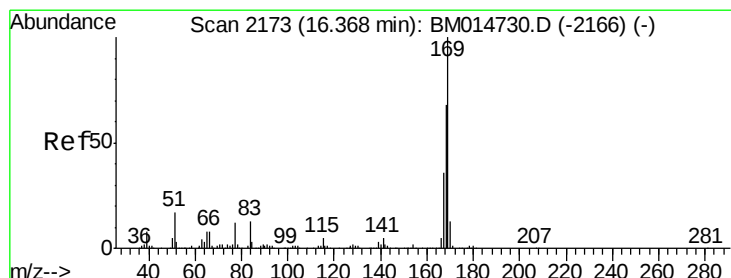
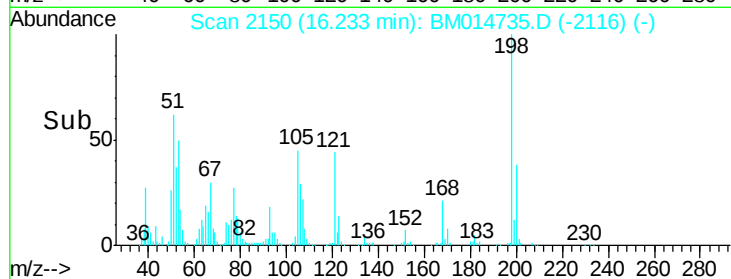
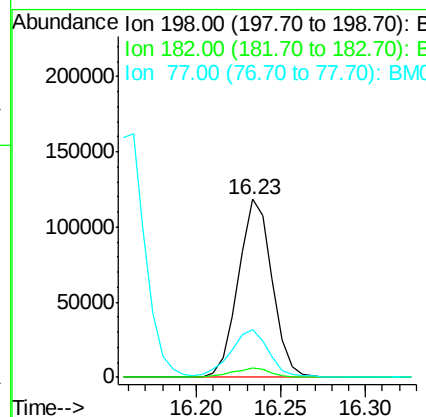
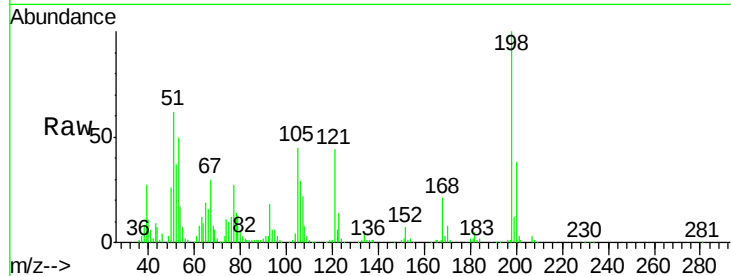




#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.692 ng/ul
 RT: 16.23 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

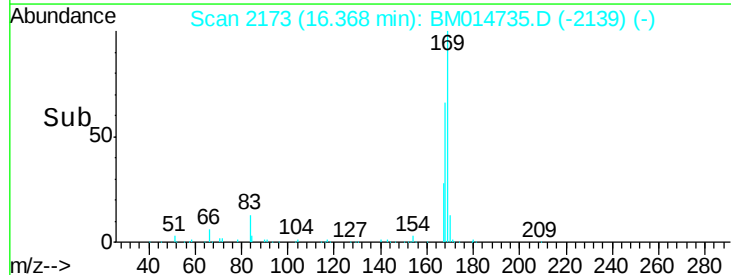
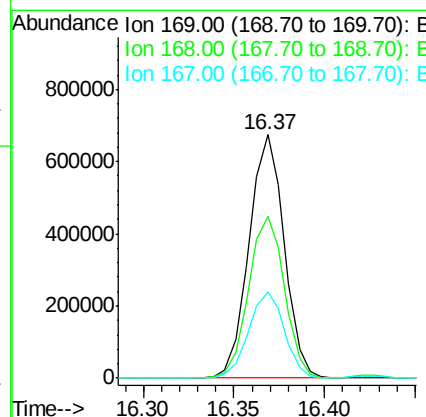
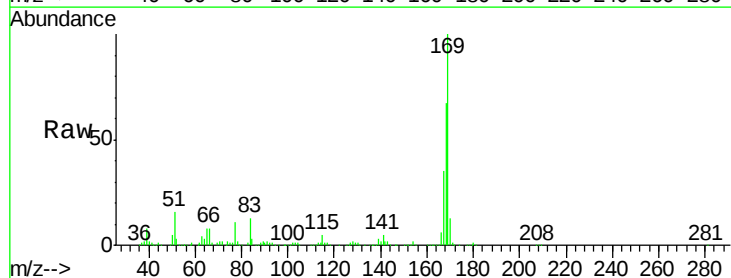
Instrument :
 BNA_M
 ClientSampleId :

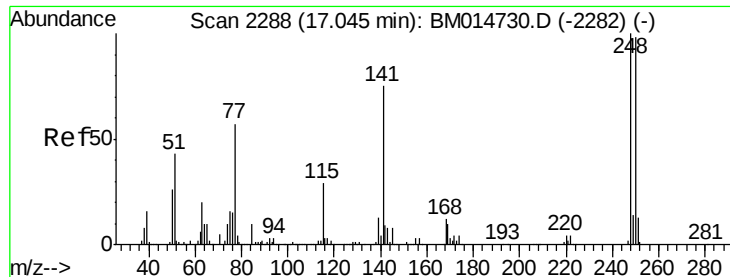
Tot Ion:198 Resp: 165126
 Ion Ratio Lower Upper
 198 100
 182 5.0 3.8 5.6
 77 26.8 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 20.986 ng/ul
 RT: 16.37 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BM014735.D
 Acq: 19 Apr 2018 16:05

Tgt Ion:169 Resp: 907618
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.0 81.0
 167 35.4 29.1 43.7

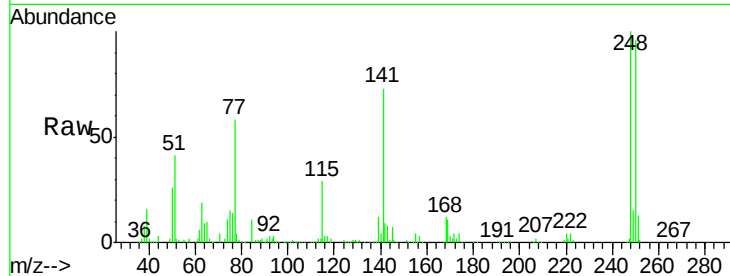




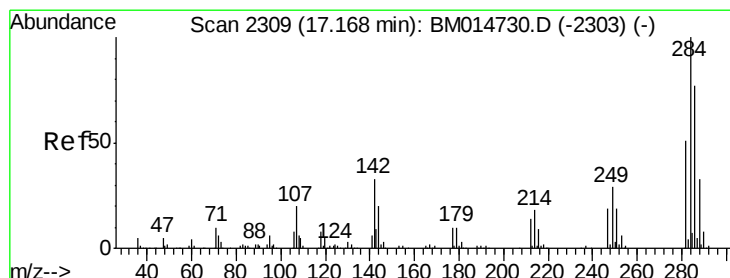
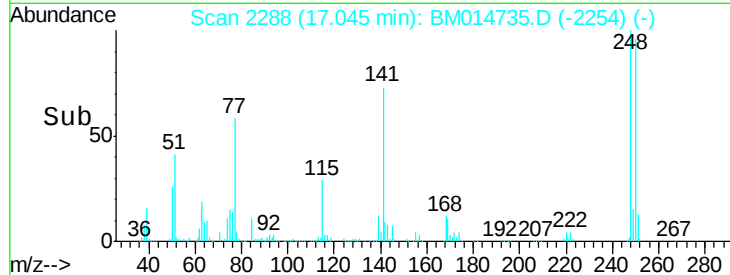
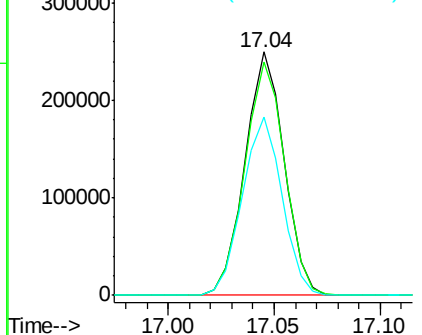
#65
4-Bromophenyl-phenylether
Concen: 20.466 ng/ul
RT: 17.04 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	80.5	120.7
141	73.3	53.6	80.4

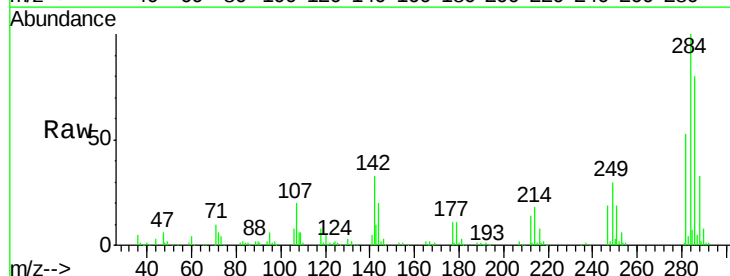


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

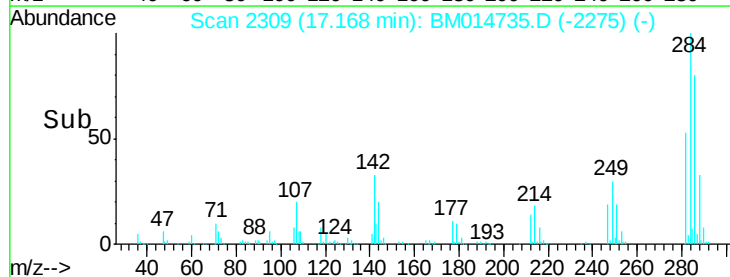
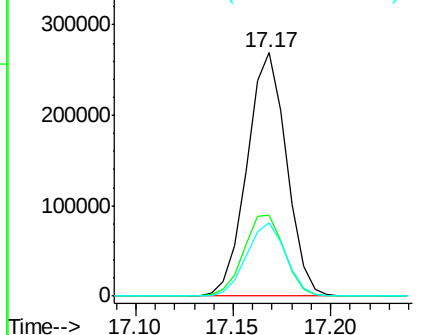


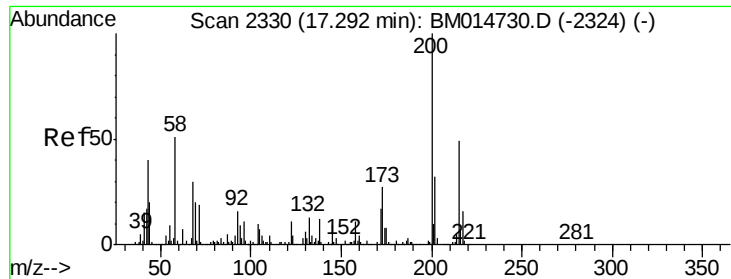
#66
Hexachlorobenzene
Concen: 20.598 ng/ul
RT: 17.17 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	21.2	31.8#
249	30.0	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

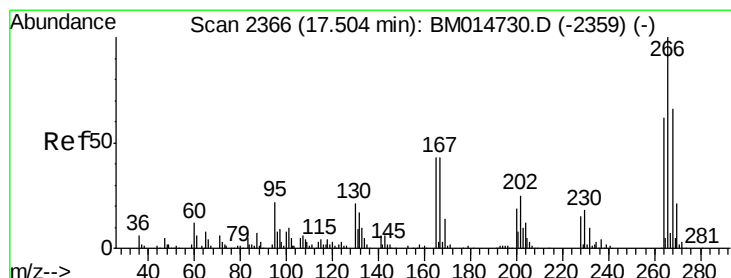
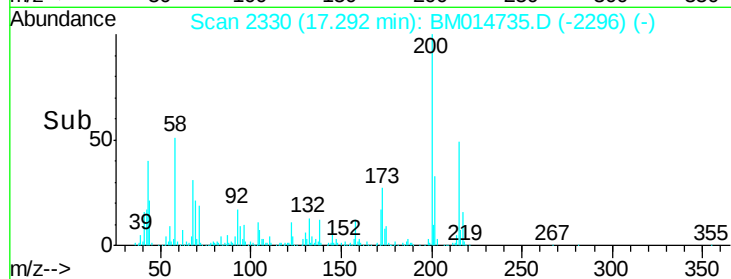
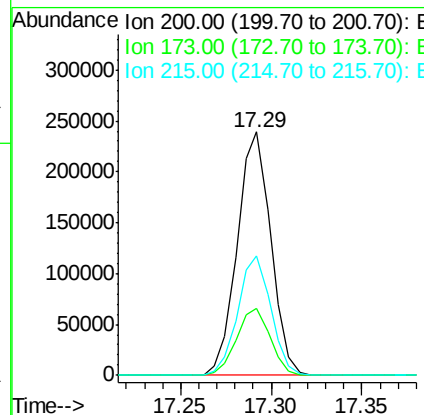
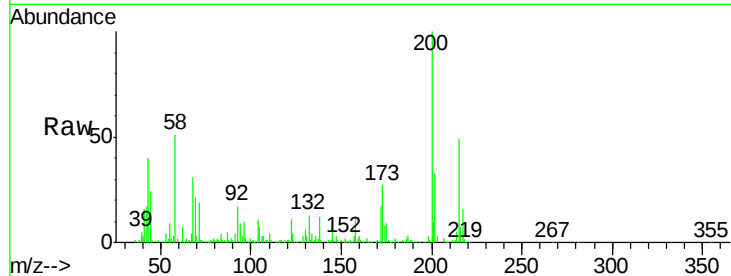




#67
Atrazine
Concen: 22.228 ng/ul
RT: 17.29 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

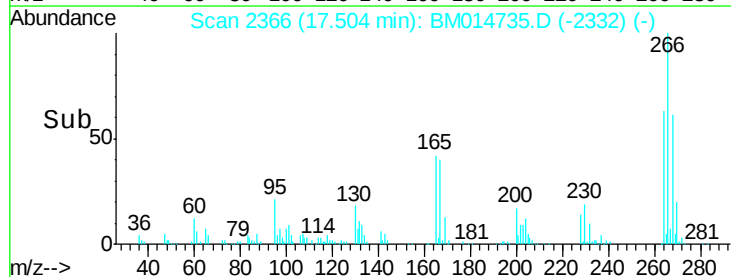
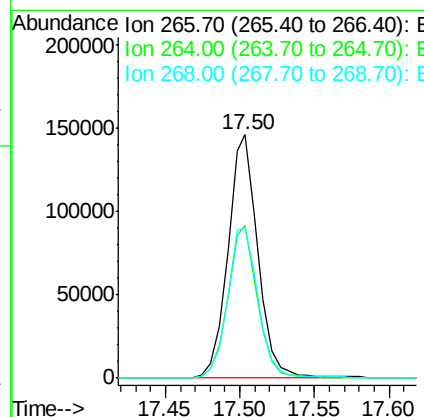
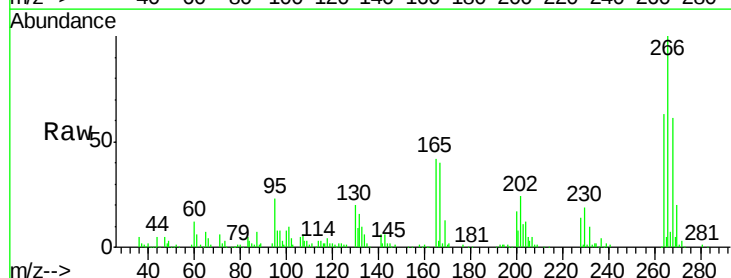
Instrument :
BNA_M
ClientSampleId :

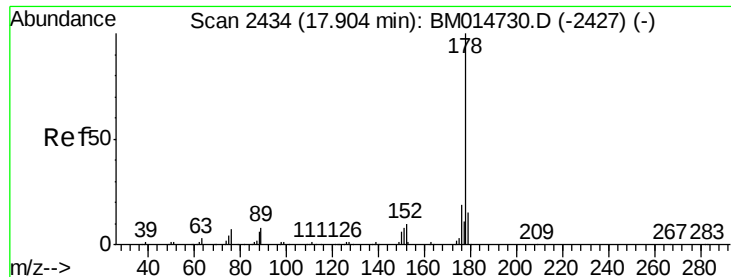
Tot Ion:200 Resp: 306979
Ion Ratio Lower Upper
200 100
173 27.3 18.2 27.2#
215 49.3 35.0 52.4



#68
Pentachlorophenol
Concen: 19.750 ng/ul
RT: 17.50 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

Tgt Ion:266 Resp: 205552
Ion Ratio Lower Upper
266 100
264 63.0 49.3 73.9
268 61.5 52.6 78.8





#69

Phenanthrene

Concen: 20.831 ng/ul

RT: 17.90 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

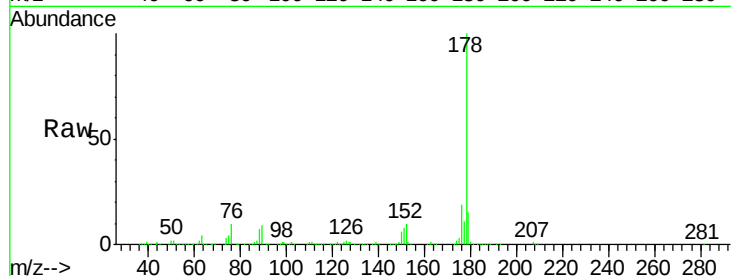
Tot Ion:178 Resp: 1668352

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

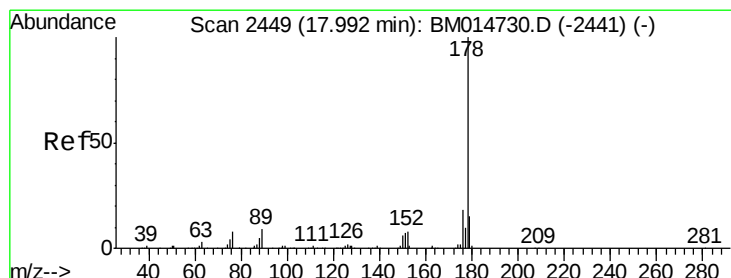
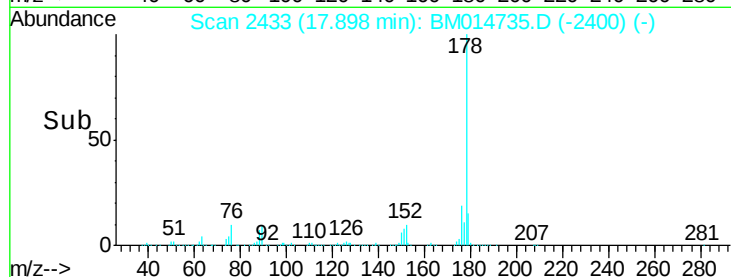
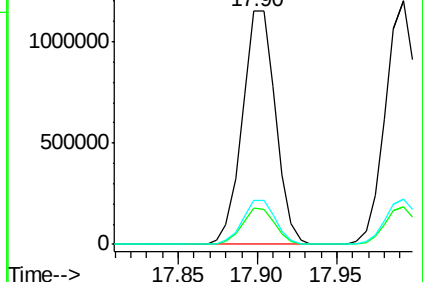
176 18.7 14.9 22.3



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: 20.857 ng/ul

RT: 17.99 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

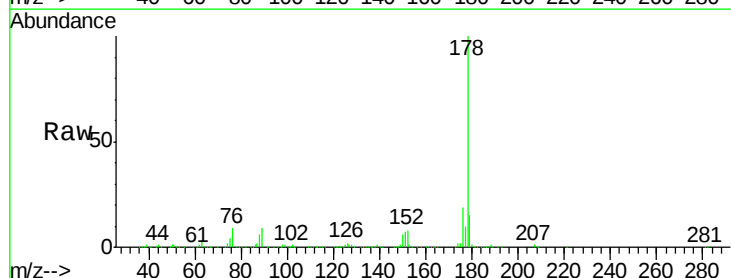
Tgt Ion:178 Resp: 1695272

Ion Ratio Lower Upper

178 100

179 15.2 11.7 17.5

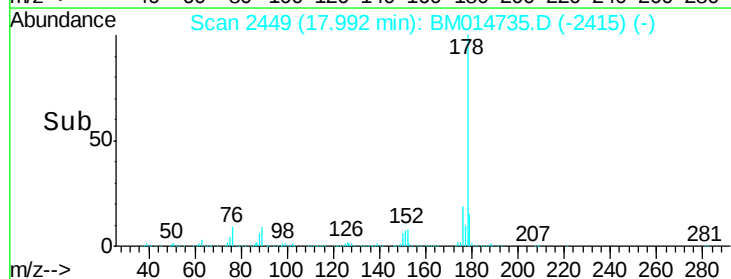
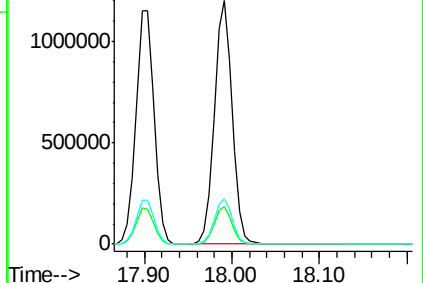
176 18.6 14.6 21.8

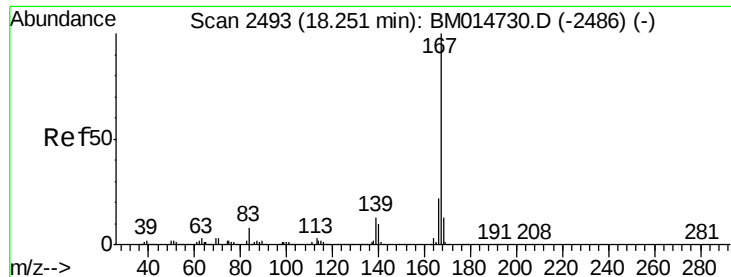


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 21.076 ng/ul

RT: 18.25 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

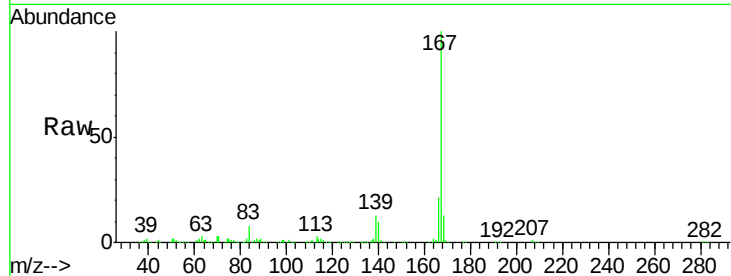
Tot Ion:167 Resp: 1461402

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

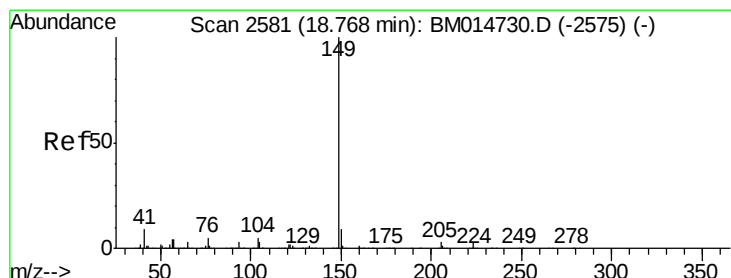
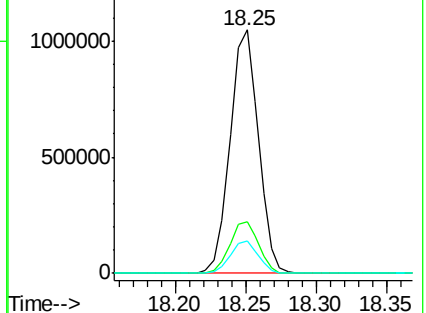
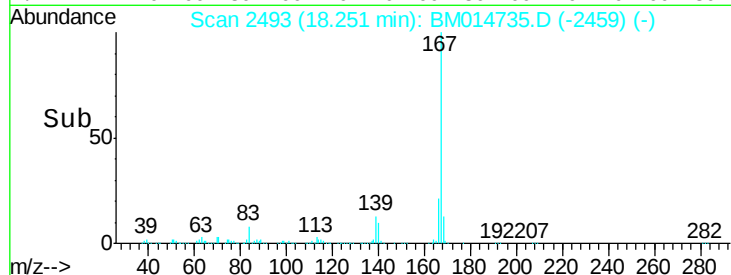
139 13.1 10.0 15.0



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: 20.839 ng/ul

RT: 18.77 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

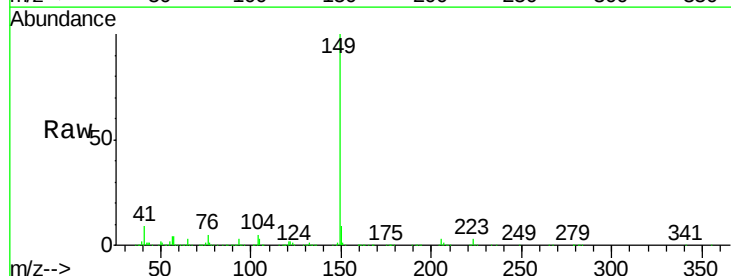
Tgt Ion:149 Resp: 1757130

Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

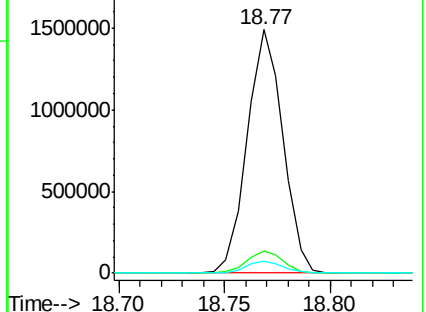
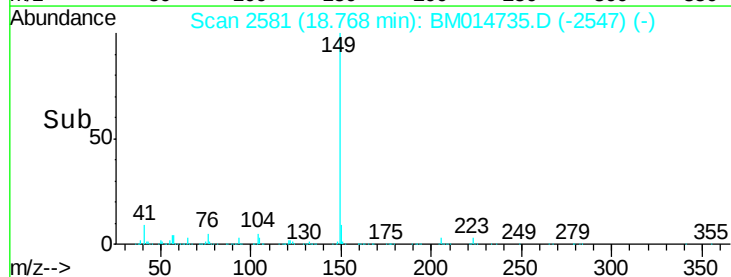
104 5.0 5.6 8.4#

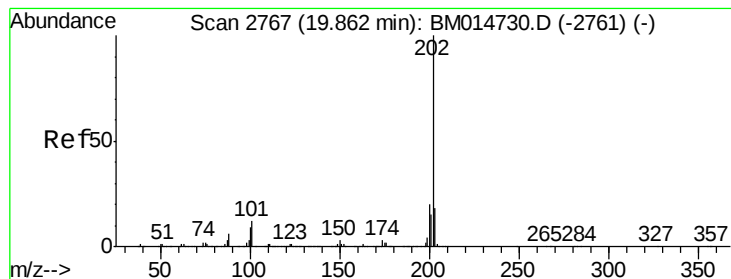


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 21.263 ng/ul

RT: 19.86 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

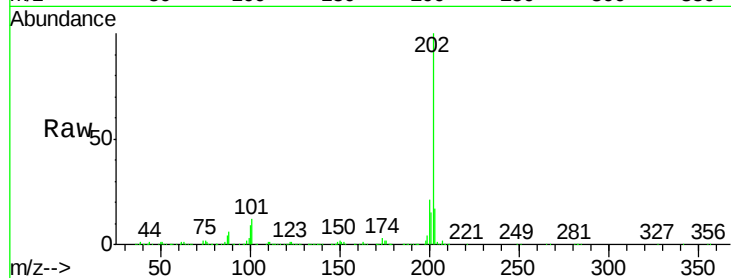
Tot Ion:202 Resp: 1856647

Ion Ratio Lower Upper

202 100

101 12.0 4.6 7.0#

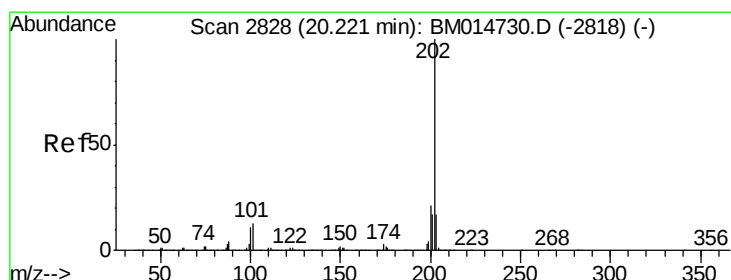
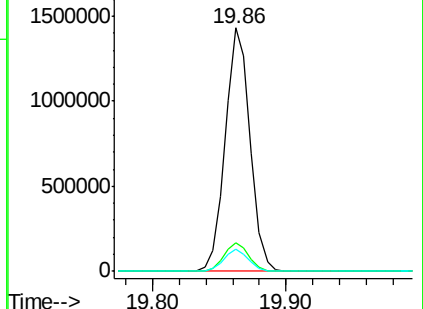
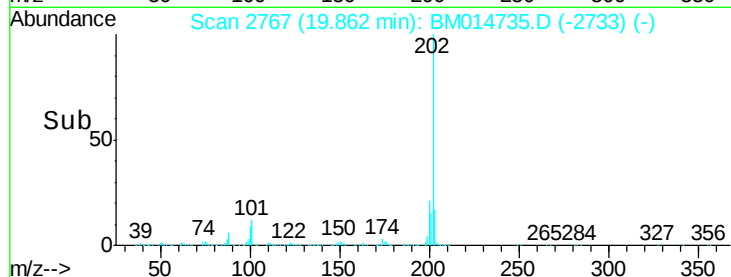
100 9.1 3.4 5.2#



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: 21.251 ng/ul

RT: 20.22 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

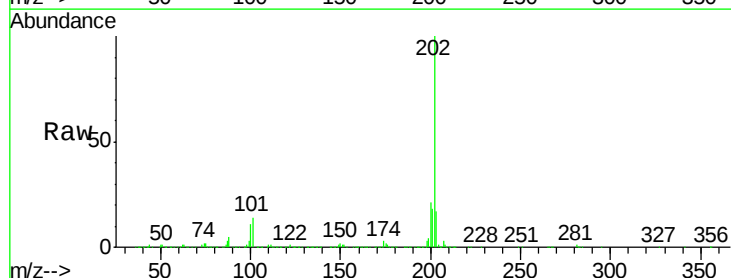
Tgt Ion:202 Resp: 1899592

Ion Ratio Lower Upper

202 100

101 13.9 5.1 7.7#

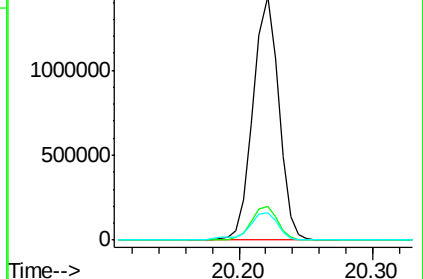
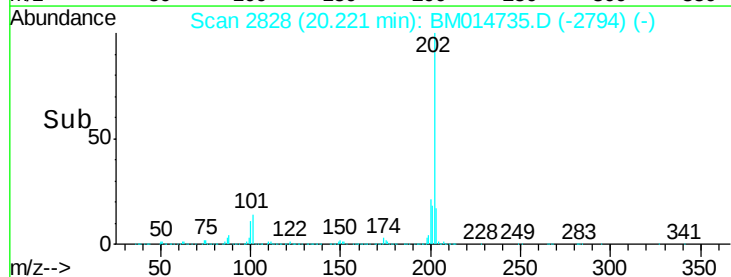
100 11.5 4.9 7.3#

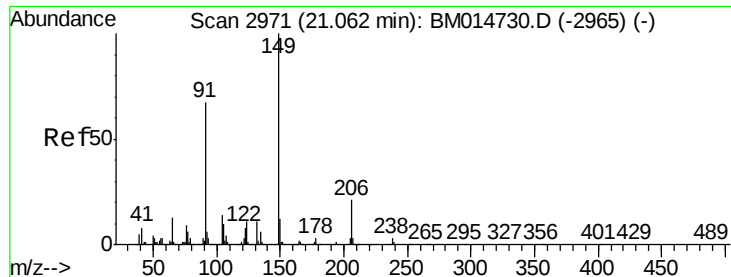


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

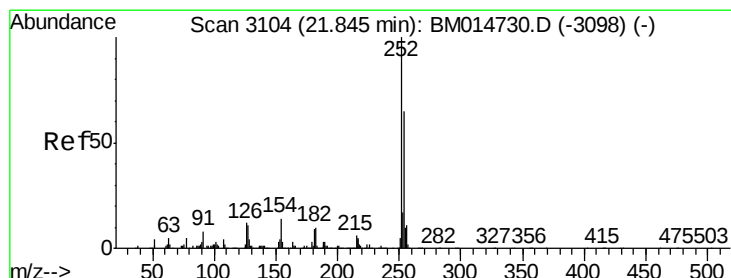
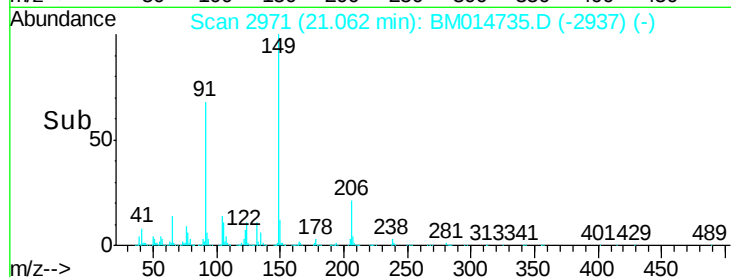
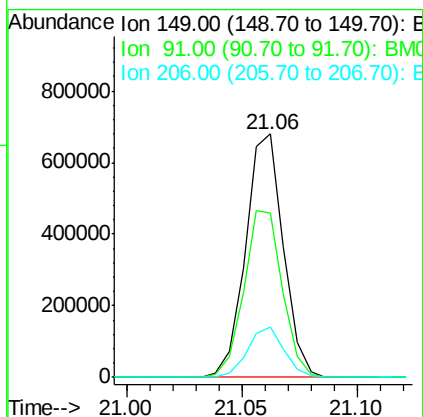
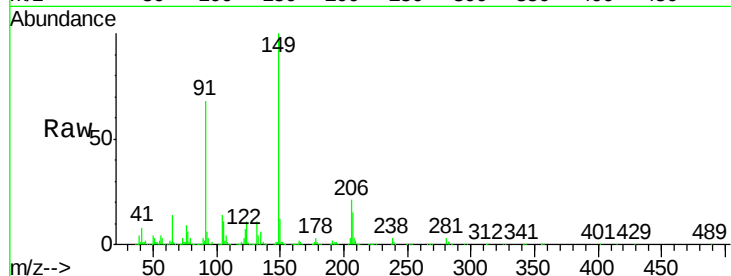




#78
Butylbenzylphthalate
Concen: 21.156 ng/ul
RT: 21.06 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

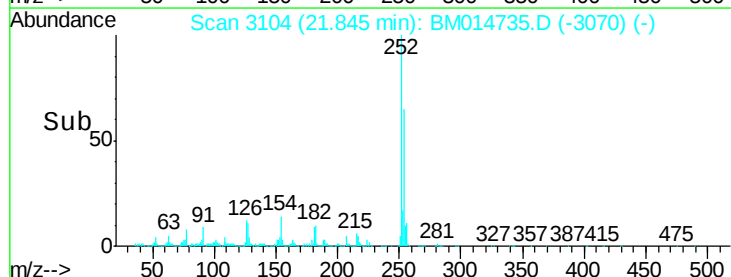
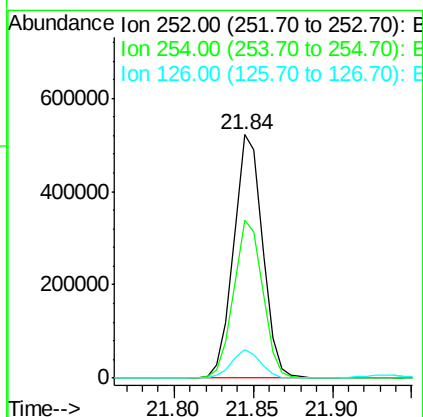
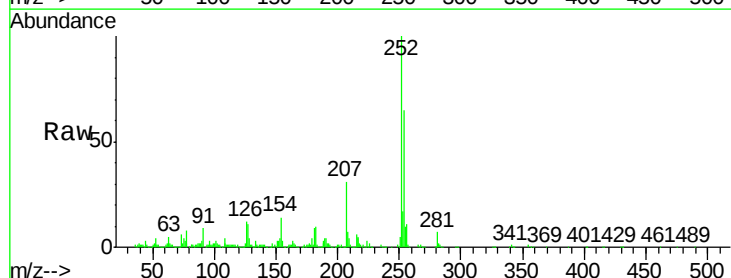
Instrument :
BNA_M
ClientSampleId :

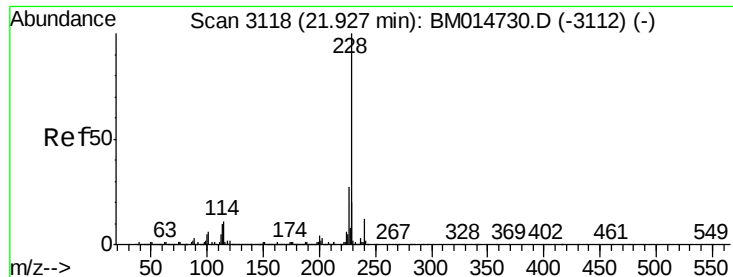
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.7	62.7	94.1
206	20.9	20.8	31.2



#79
3,3'-Dichlorobenzidine
Concen: 22.599 ng/ul
RT: 21.84 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	54.5	81.7
126	12.0	5.8	8.8





#80

Benzo(a)anthracene

Concen: 20.924 ng/ul

RT: 21.93 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

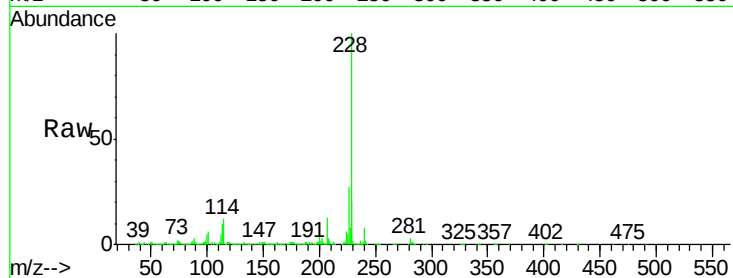
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1871908

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	27.3	21.4	32.0

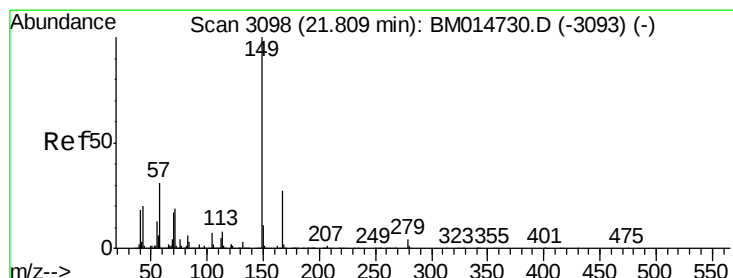
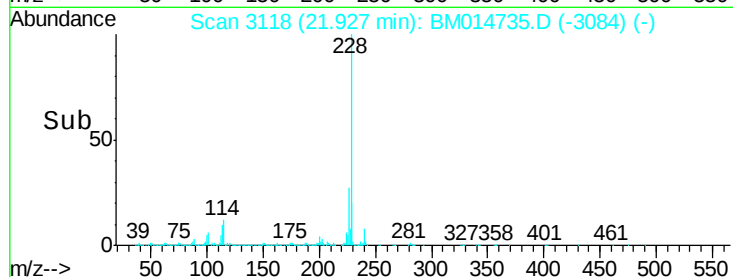
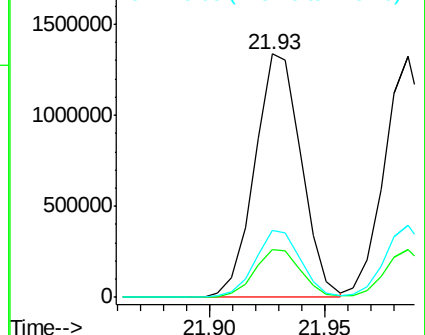


Abundance

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: 20.614 ng/ul

RT: 21.81 min Scan# 3098

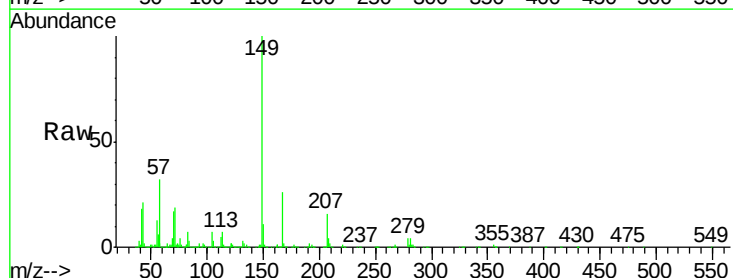
Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Tgt Ion:149 Resp: 1103442

Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.8	34.2
279	3.9	4.9	7.3#

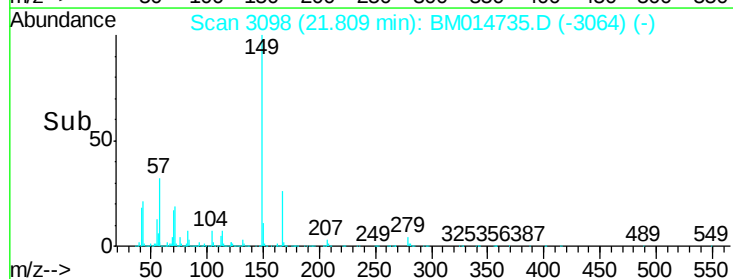
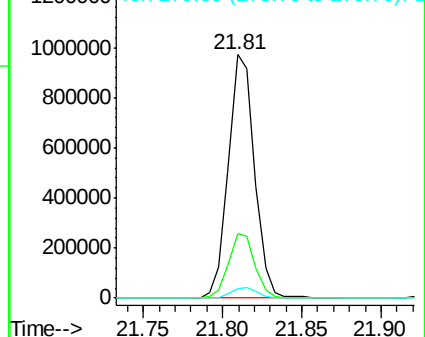


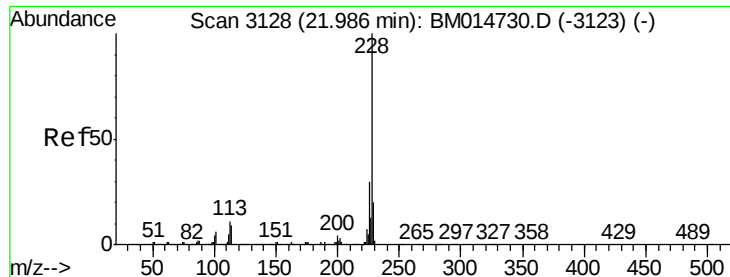
Abundance

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: 20.960 ng/ul

RT: 21.99 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

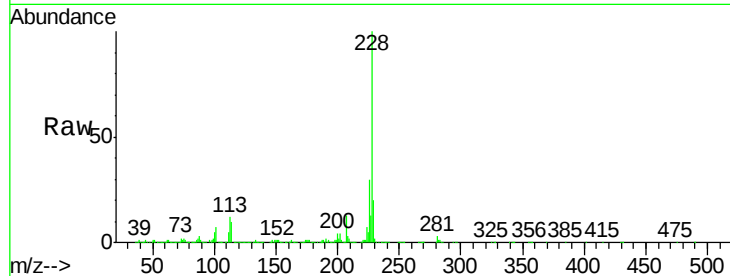
Tot Ion:228 Resp: 1755460

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

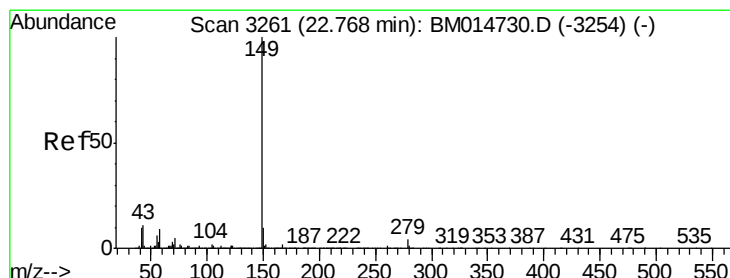
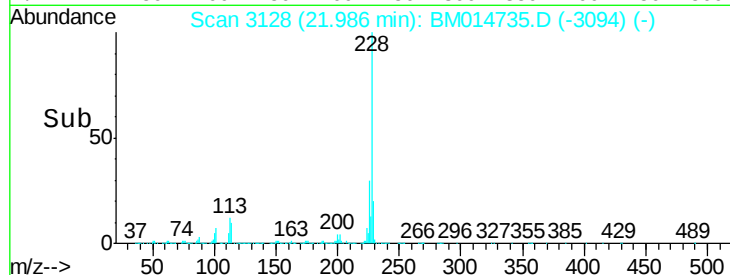
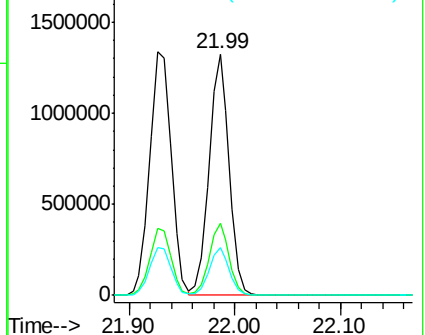
229 19.9 15.5 23.3



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: 20.616 ng/ul

RT: 22.77 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

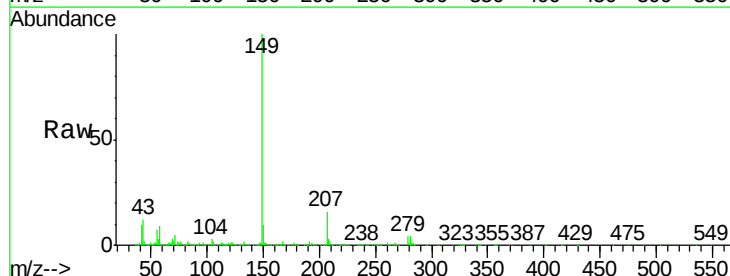
Tgt Ion:149 Resp: 1798944

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

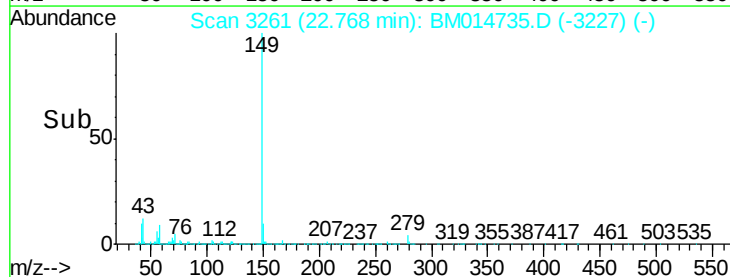
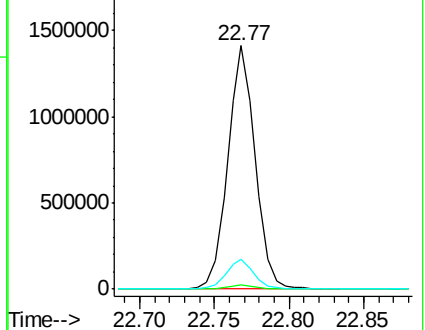
43 12.1 7.3 10.9#

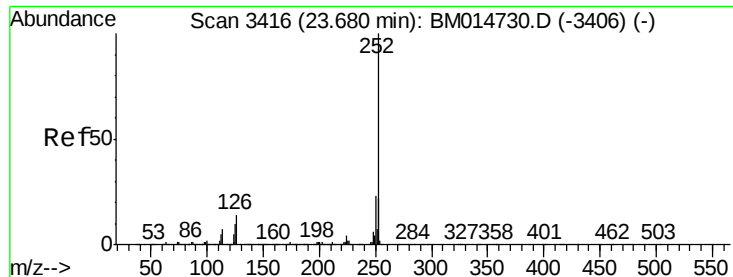


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

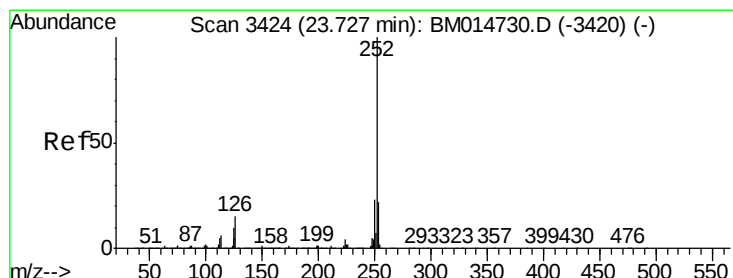
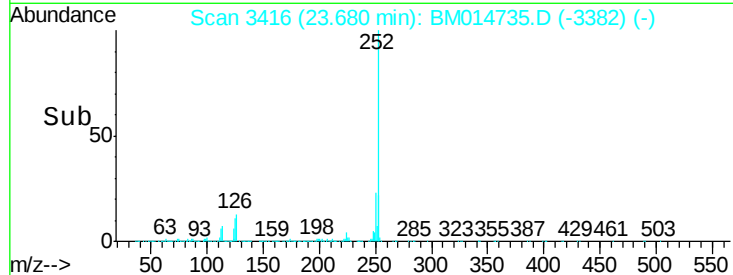
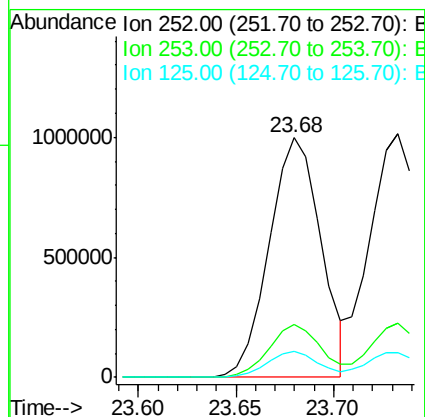
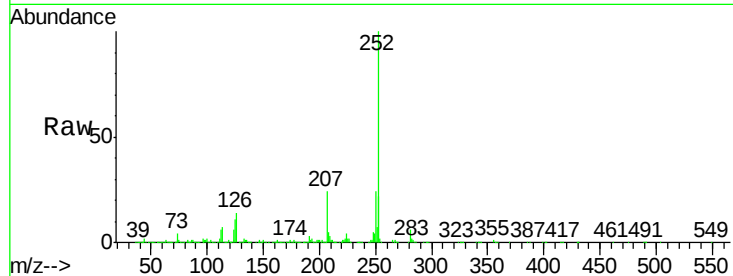




#85
Benzo(b)fluoranthene
Concen: 20.482 ng/ul
RT: 23.68 min Scan# 3416
Delta R.T. -0.00 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

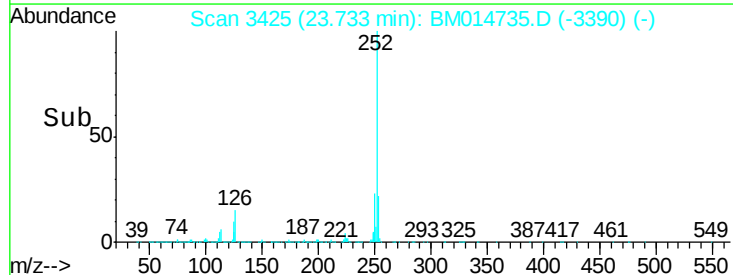
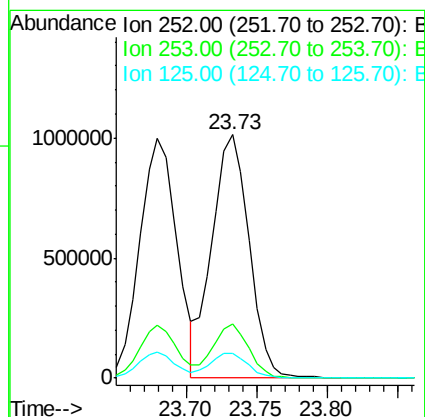
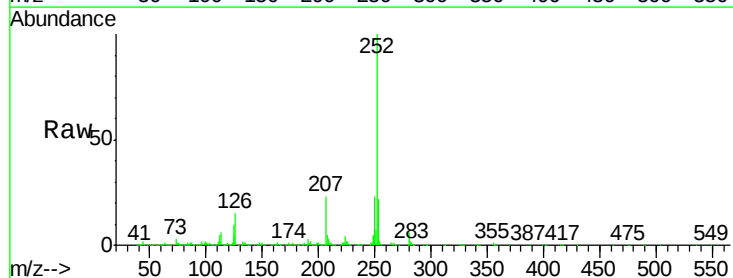
Instrument :
BNA_M
ClientSampleId :

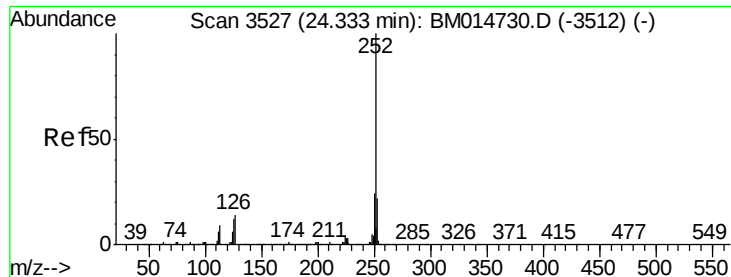
Tot Ion:252 Resp: 1831824
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.8 3.6 5.4#



#86
Benzo(k)fluoranthene
Concen: 21.490 ng/ul
RT: 23.73 min Scan# 3425
Delta R.T. 0.01 min
Lab File: BM014735.D
Acq: 19 Apr 2018 16:05

Tgt Ion:252 Resp: 1848134
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 10.4 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 20.889 ng/ul

RT: 24.34 min Scan# 3528

Delta R.T. 0.01 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

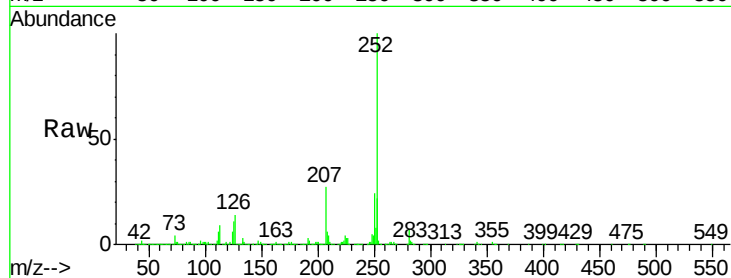
Tot Ion:252 Resp: 1772095

Ion Ratio Lower Upper

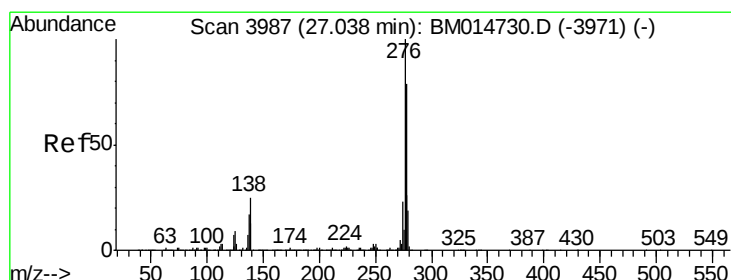
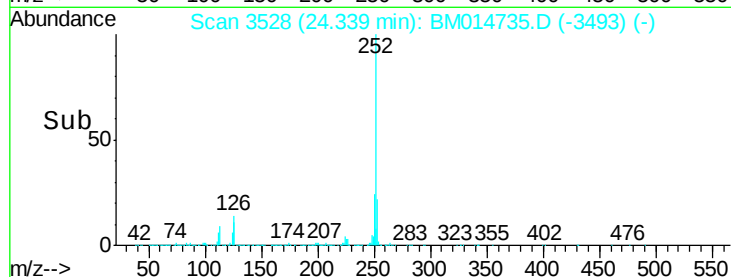
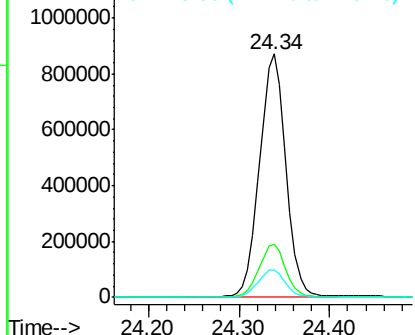
252 100

253 21.7 18.2 27.2

125 11.4 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



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.586 ng/ul

RT: 27.04 min Scan# 3987

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

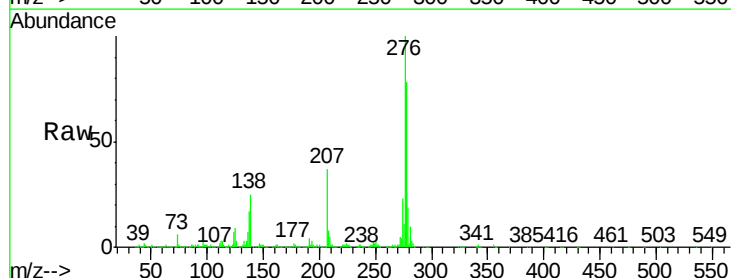
Tgt Ion:276 Resp: 2112768

Ion Ratio Lower Upper

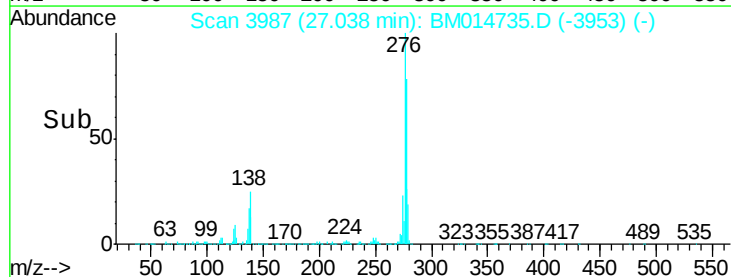
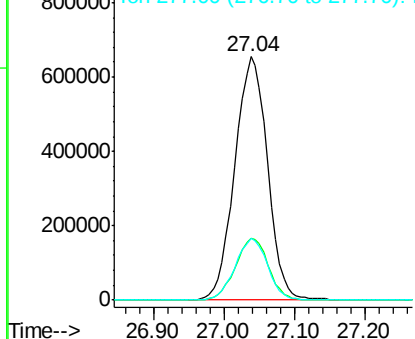
276 100

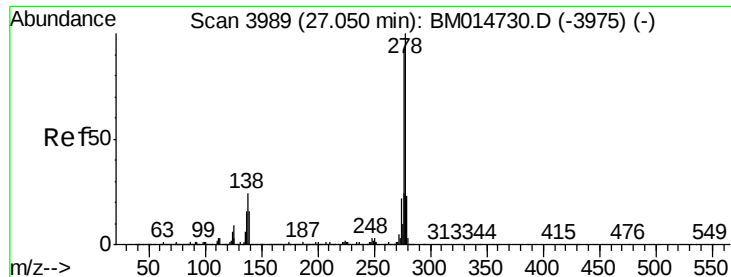
138 25.3 9.3 13.9#

277 25.5 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: 20.635 ng/ul

RT: 27.05 min Scan# 3989

Delta R.T. -0.00 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

Instrument :

BNA_M

ClientSampleId :

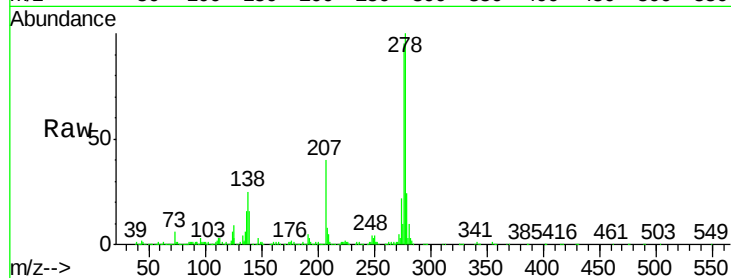
Tot Ion:278 Resp: 1783101

Ion Ratio Lower Upper

278 100

139 16.0 5.8 8.8#

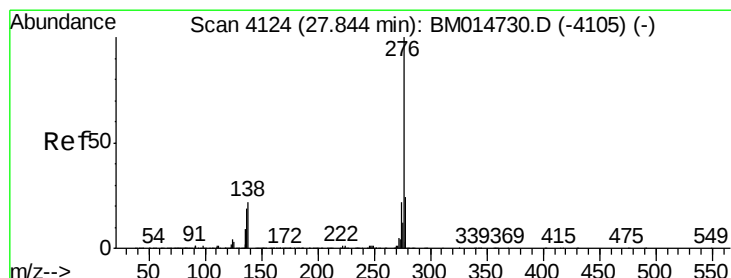
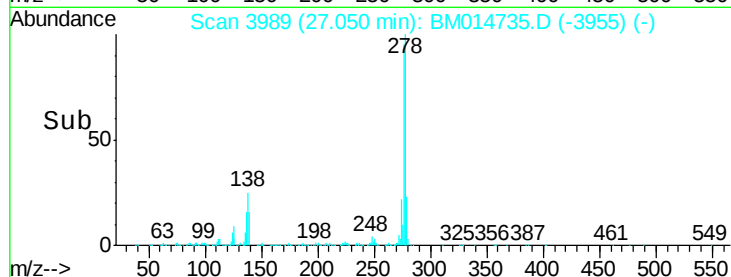
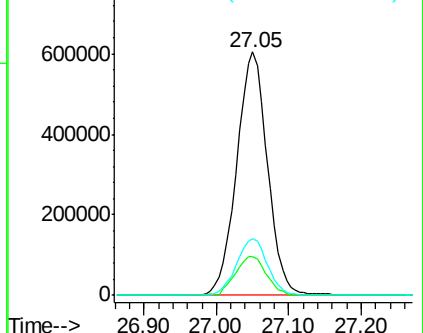
279 23.5 18.6 27.8



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: 20.581 ng/ul

RT: 27.84 min Scan# 4123

Delta R.T. -0.01 min

Lab File: BM014735.D

Acq: 19 Apr 2018 16:05

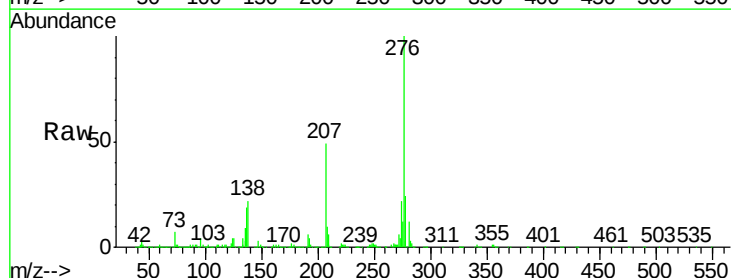
Tgt Ion:276 Resp: 1737684

Ion Ratio Lower Upper

276 100

138 22.3 8.5 12.7#

277 23.8 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

