

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
 Data File : BM014693.D
 Acq On : 13 Apr 2018 09:30
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 13 23:45:42 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 10 01:36:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	397031	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1730623	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	997582	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	2191516	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	2308609	20.00	ng/ul	0.00
85) Perylene-d12	24.47	264	2099214	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.69	96	70154	8.50	ng/uL	0.00
5) Phenol-d5	7.69	99	640724	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	420537	21.11	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	524867	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	9.26	113	532764	20.60	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	247650	22.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.48	143	209699	20.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	516768	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	715771	24.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	1593618	20.22	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	2023993	20.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	275288	21.52	ng/ul	0.00
57) Fluorene-d10	16.14	176	1405369	20.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	186276	19.91	ng/ul	0.00
70) Anthracene-d10	17.98	188	2158763	20.91	ng/ul	0.00
78) Pyrene-d10	20.21	212	2307249	19.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.31	264	2127360	20.64	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.73	88	73727	8.297	ng/uL 96
4) Benzaldehyde	7.68	77	415376	22.946	ng/ul 93
6) Phenol	7.71	94	639811	20.692	ng/ul# 91
8) Bis(2-Chloroethyl)ether	7.96	93	518146	21.202	ng/ul# 86
10) 2-Chlorophenol	8.12	128	523303	20.285	ng/ul# 92
11) 2-Methylphenol	9.00	108	477722	20.290	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	9.09	45	979021	21.612	ng/ul# 82
14) Acetophenone	9.40	105	816280	21.335	ng/ul# 87
15) N-Nitroso-di-n-propylamine	9.38	70	416208	20.331	ng/ul# 73
16) 4-Methylphenol	9.33	108	525314	20.759	ng/ul 99
17) Hexachloroethane	9.68	117	210322	20.118	ng/ul 97
20) Nitrobenzene	9.79	77	616807	21.732	ng/ul 92
21) Isophorone	10.32	82	1095733	19.771	ng/ul 98
23) 2-Nitrophenol	10.52	139	244279	20.964	ng/ul 92
24) 2,4-Dimethylphenol	10.55	107	599437	20.362	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.79	93	703425	20.629	ng/ul 99
27) 2,4-Dichlorophenol	11.05	162	489601	20.421	ng/ul 99
28) Naphthalene	11.47	128	1737485	20.594	ng/ul 100
30) 4-Chloroaniline	11.56	127	687820	24.909	ng/ul 99
31) Hexachlorobutadiene	11.74	225	320875	20.053	ng/ul 98
32) Caprolactam	12.30	113	143123	19.939	ng/ul# 49
33) 4-Chloro-3-methylphenol	12.64	107	526598	20.647	ng/ul 94
34) 2-Methylnaphthalene	13.03	142	1250358	20.775	ng/ul 100

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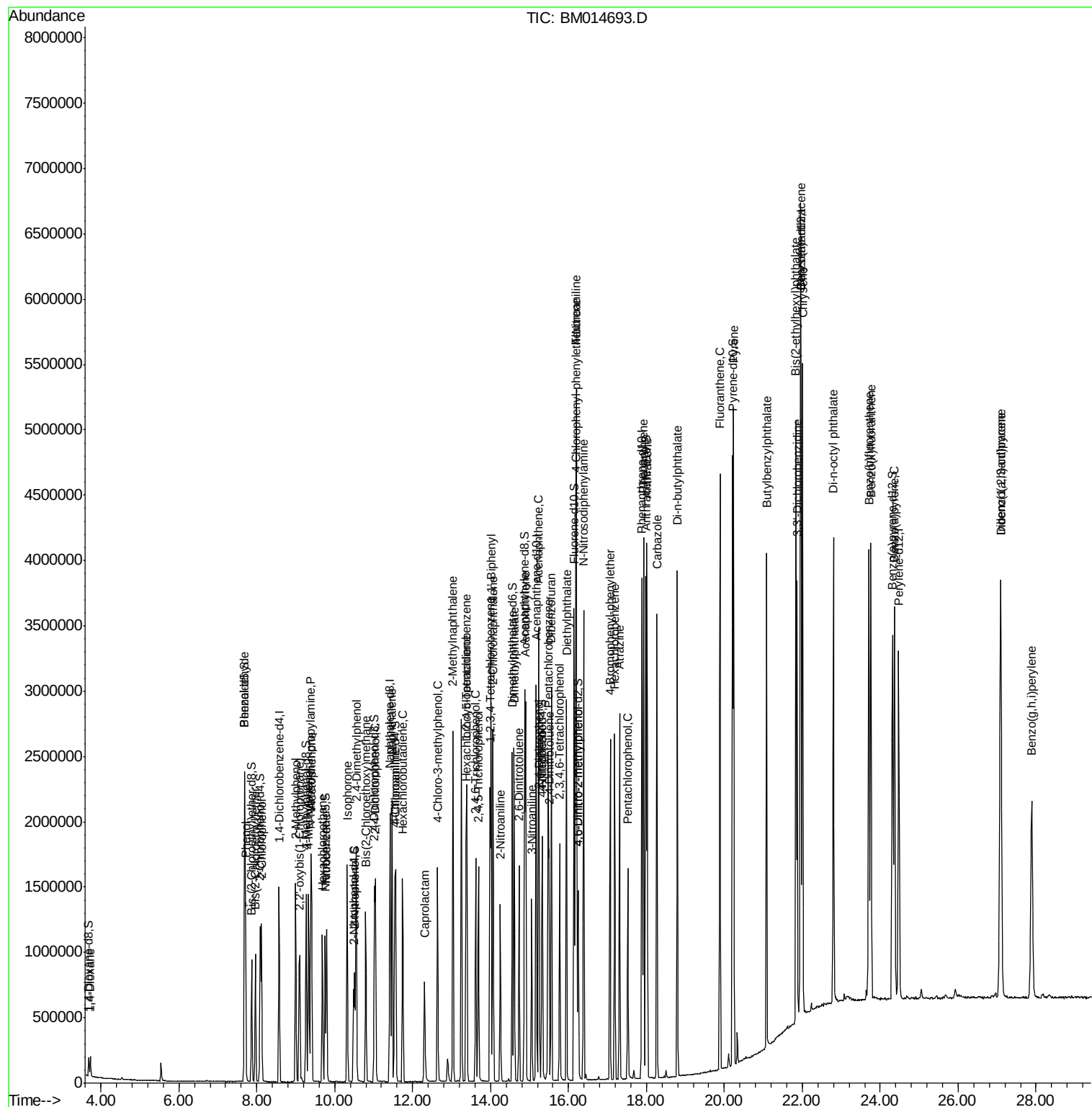
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.39	216	632588	19.977	ng/ul	98
37) Hexachlorocyclopentadiene	13.37	237	395680	18.750	ng/ul	99
38) 2,4,6-Trichlorophenol	13.62	196	371974	19.777	ng/ul	99
39) 2,4,5-Trichlorophenol	13.69	196	403966	20.503	ng/ul	99
40) 1,1'-Biphenyl	14.02	154	1627466	20.371	ng/ul	99
41) 2-Chloronaphthalene	14.06	162	1253646	20.249	ng/ul	96
42) 2-Nitroaniline	14.25	65	331850	23.004	ng/ul	83
44) Dimethylphthalate	14.60	163	1553030	20.449	ng/ul	99
45) 2,6-Dinitrotoluene	14.73	165	282383	23.021	ng/ul	90
47) Acenaphthylene	14.90	152	1948356	20.519	ng/ul	99
48) 3-Nitroaniline	15.06	138	302251	24.394	ng/ul	91
49) Acenaphthene	15.23	153	1366217	20.607	ng/ul	99
50) 2,4-Dinitrophenol	15.25	184	113377	21.357	ng/ul#	46
52) 4-Nitrophenol	15.33	109	212481	21.852	ng/ul#	89
53) Dibenzofuran	15.56	168	1903767	20.926	ng/ul	98
54) 2,4-Dinitrotoluene	15.50	165	428903	24.222	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.77	232	343735	20.507	ng/ul	98
56) Diethylphthalate	15.94	149	1565550	20.604	ng/ul	99
58) Fluorene	16.20	166	1551366	20.934	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.18	204	783418	20.640	ng/ul	94
60) 4-Nitroaniline	16.20	138	318927	22.787	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.25	198	198763	19.683	ng/ul	95
64) N-Nitrosodiphenylamine	16.39	169	1321513	20.184	ng/ul	99
65) 4-Bromophenyl-phenylether	17.07	248	478145	19.461	ng/ul#	90
66) Hexachlorobenzene	17.19	284	550960	20.055	ng/ul	93
67) Atrazine	17.31	200	453951	19.906	ng/ul	98
68) Pentachlorophenol	17.52	266	269557	18.671	ng/ul	100
69) Phenanthrene	17.92	178	2436377	20.750	ng/ul	99
71) Anthracene	18.02	178	2508824	20.986	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	642922	19.135	ng/ul	99
73) Pentachlorobenzene	15.48	250	631429	19.508	ng/ul	99
74) Carbazole	18.27	167	2150059	21.725	ng/ul	99
75) Di-n-butylphthalate	18.79	149	2539036	20.666	ng/ul	100
76) Fluoranthene	19.89	202	2762545	22.749	ng/ul	100
79) Pvrene	20.24	202	2848490	19.749	ng/ul	99
80) Butylbenzylphthalate	21.08	149	1009534	19.998	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.86	252	927356	22.194	ng/ul	99
82) Benzo(a)anthracene	21.95	228	2817482	20.813	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.83	149	1477960	19.632	ng/ul	99
84) Chrysene	22.00	228	2595611	20.531	ng/ul	99
86) Di-n-octyl phthalate	22.80	149	2276442	18.490	ng/ul#	89
87) Benzo(b)fluoranthene	23.71	252	2597056	20.622	ng/ul	99
88) Benzo(k)fluoranthene	23.76	252	2543409	20.986	ng/ul	100
90) Benzo(a)pyrene	24.37	252	2430529	20.620	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.09	276	2543390	19.240	ng/ul	97
92) Dibenzo(a,h)anthracene	27.10	278	2127409	19.192	ng/ul	98
93) Benzo(g,h,i)perylene	27.89	276	2031071	18.899	ng/ul	97

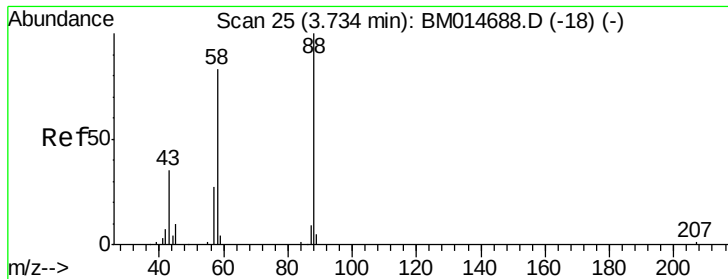
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
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#2

1,4-Dioxane

Concen: 8.297 ng/uL

RT: 3.73 min Scan# 24

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

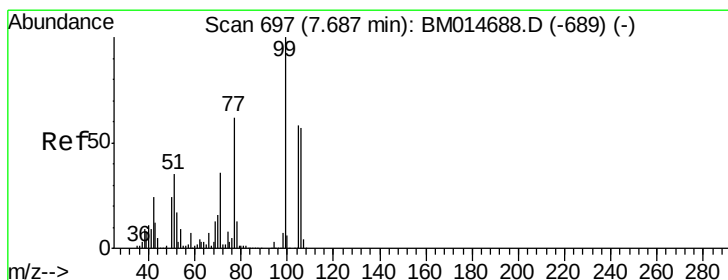
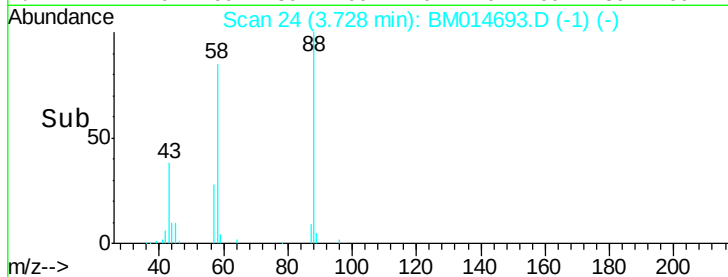
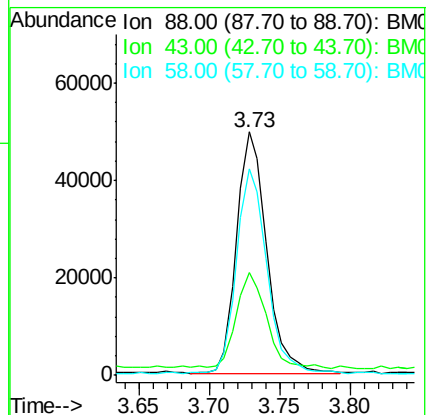
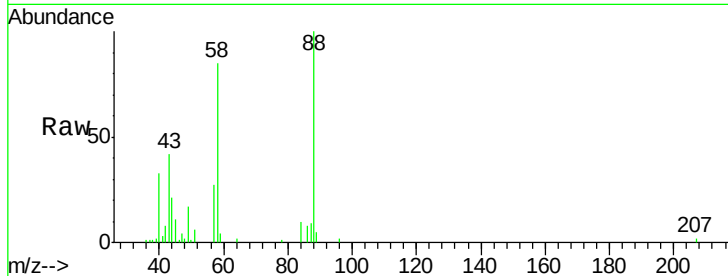
Tot Ion: 88 Resp: 73727

Ion Ratio Lower Upper

88 100

43 38.0 32.0 48.0

58 85.2 72.0 108.0



#4

Benzaldehyde

Concen: 22.946 ng/uL

RT: 7.68 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

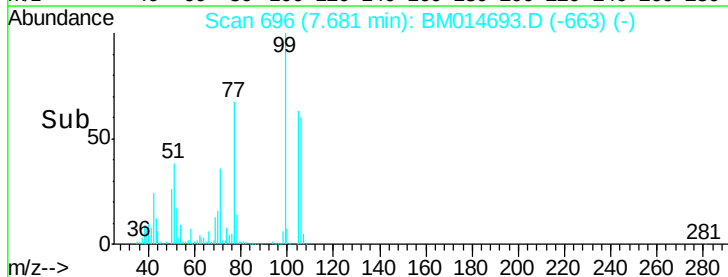
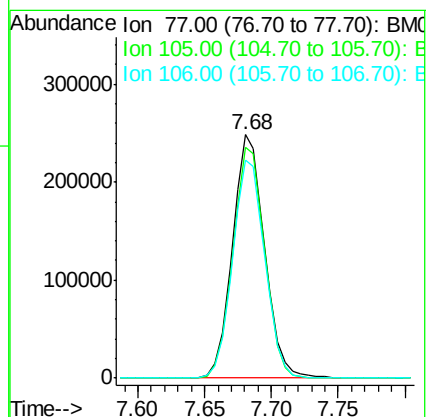
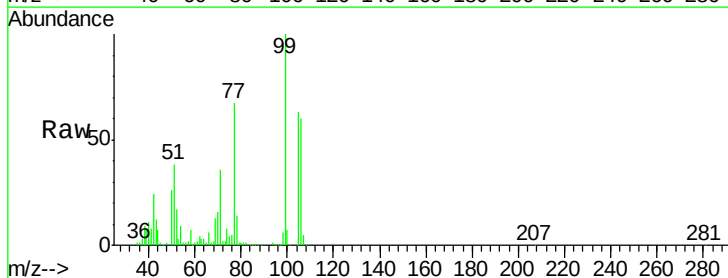
Tgt Ion: 77 Resp: 415376

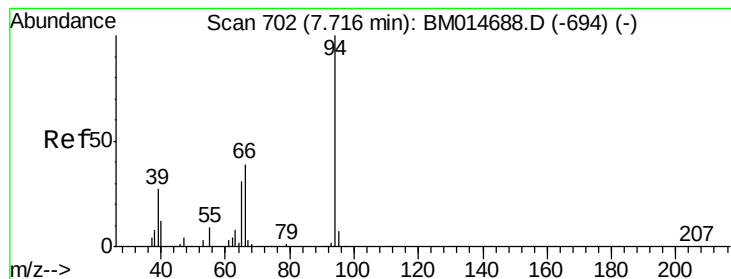
Ion Ratio Lower Upper

77 100

105 94.9 80.6 120.8

106 89.7 77.7 116.5





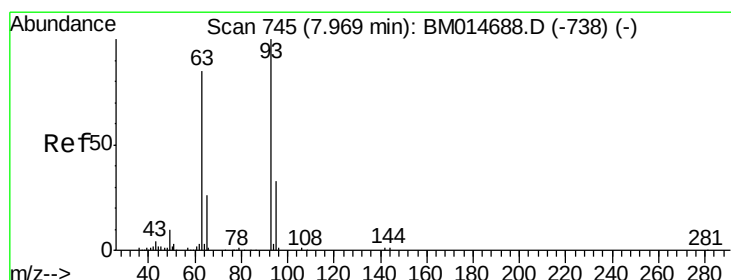
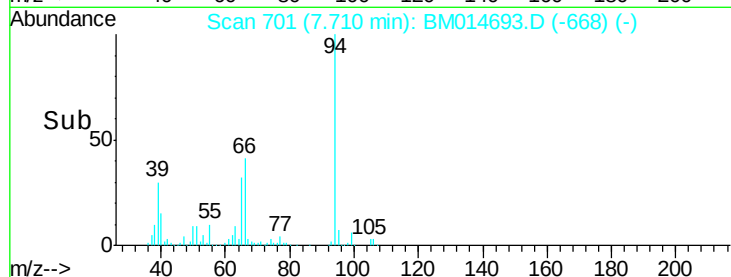
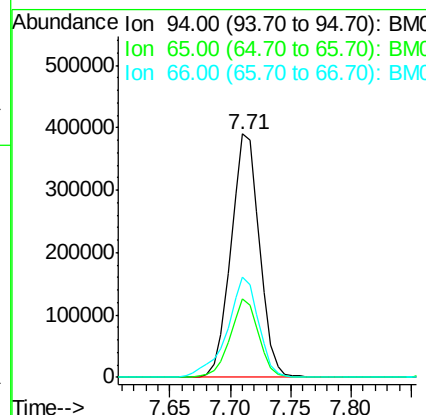
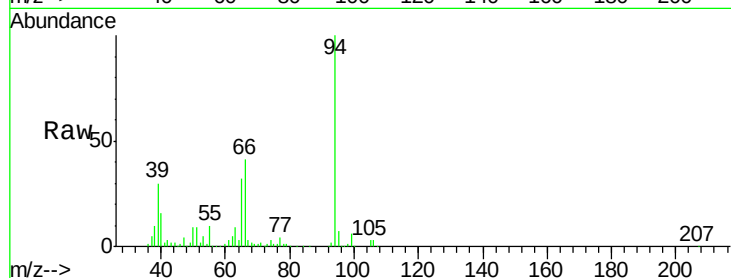
#6

Phenol

Concen: 20.692 ng/ul
 RT: 7.71 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	94	Resp	639811
Ion Ratio	Lower	Upper	
94	100		
65	32.1	21.0	31.6#
66	40.9	29.3	43.9

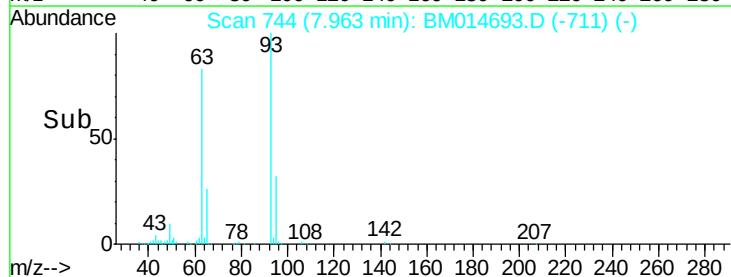
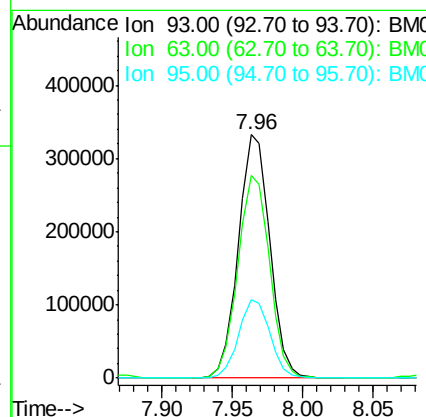
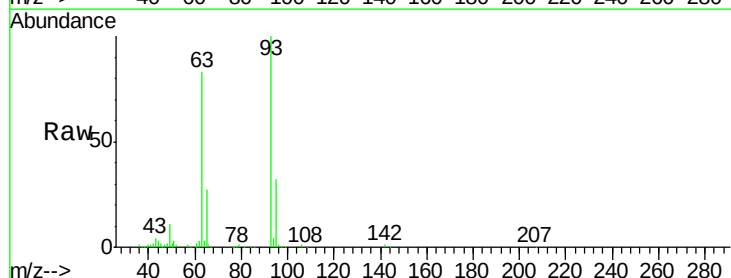


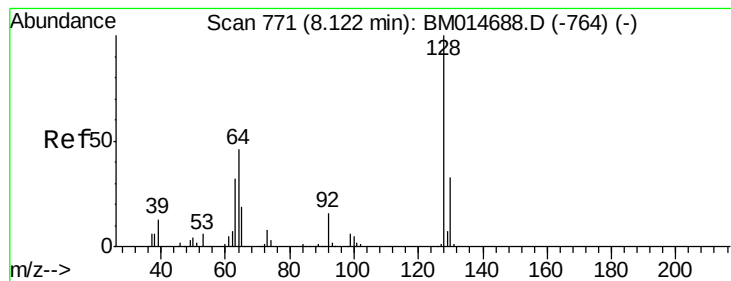
#8

Bis(2-Chloroethyl)ether

Concen: 21.202 ng/ul
 RT: 7.96 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

Tgt Ion	93	Resp	518146
Ion Ratio	Lower	Upper	
93	100		
63	83.5	53.5	80.3#
95	32.0	26.2	39.2





#10

2-Chlorophenol

Concen: 20.285 ng/ul

RT: 8.12 min Scan# 771

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

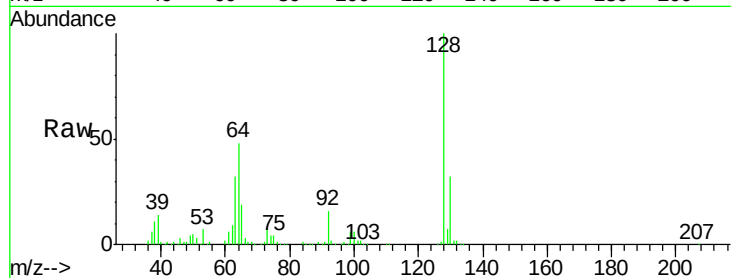
Tot Ion:128 Resp: 523303

Ion Ratio Lower Upper

128 100

64 48.2 31.9 47.9#

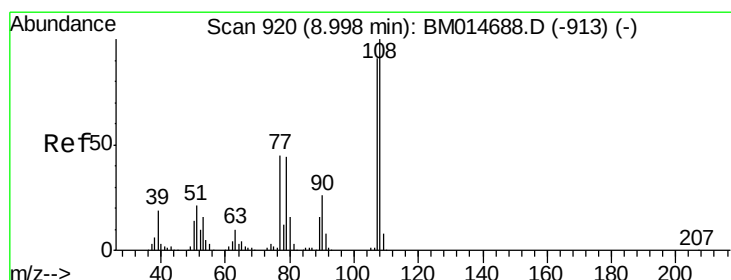
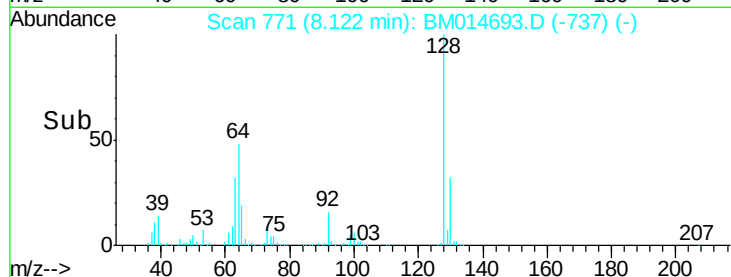
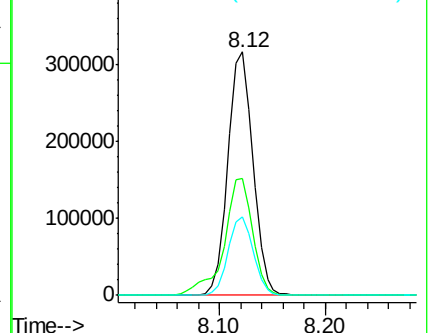
130 32.5 25.6 38.4



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: 20.290 ng/ul

RT: 9.00 min Scan# 920

Delta R.T. -0.01 min

Lab File: BM014693.D

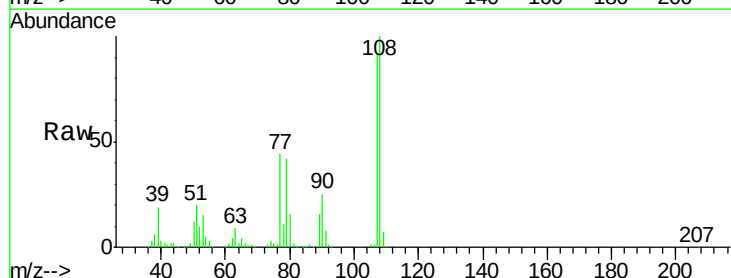
Acq: 13 Apr 2018 09:30

Tgt Ion:108 Resp: 477722

Ion Ratio Lower Upper

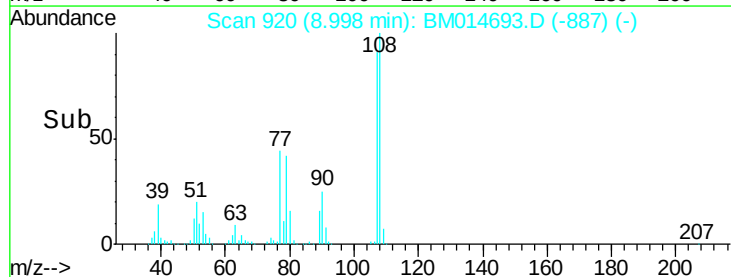
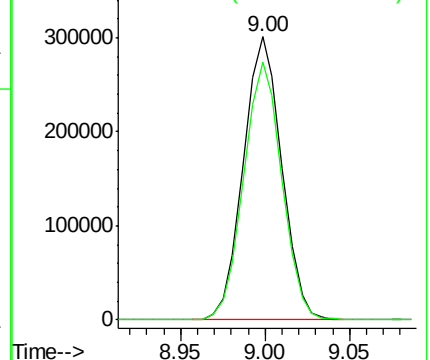
108 100

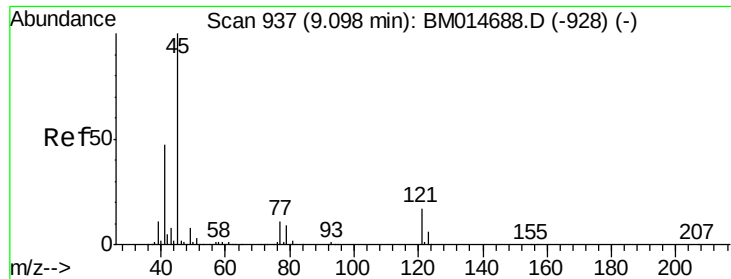
107 90.9 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

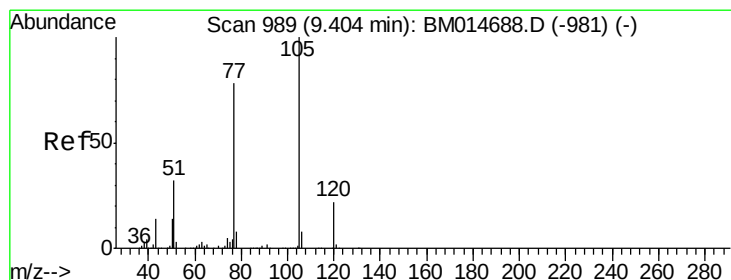
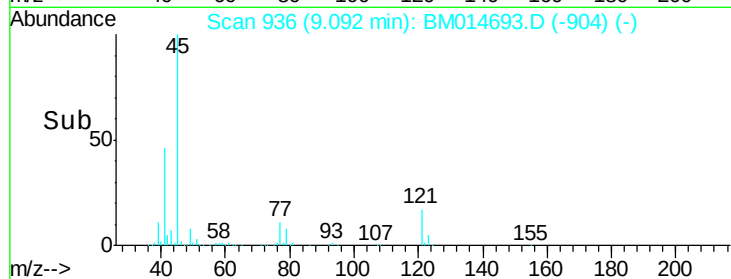
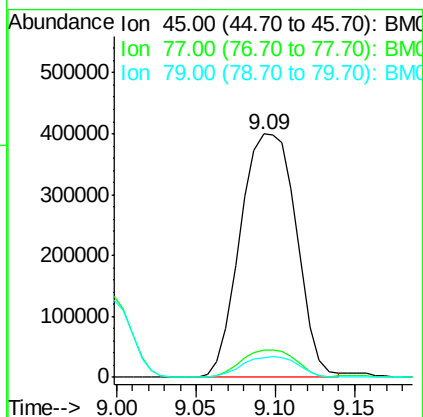
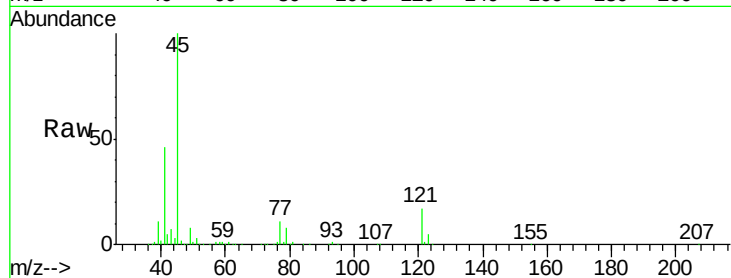




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 21.612 ng/ul
RT: 9.09 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM014693.D
Acq: 13 Apr 2018 09:30

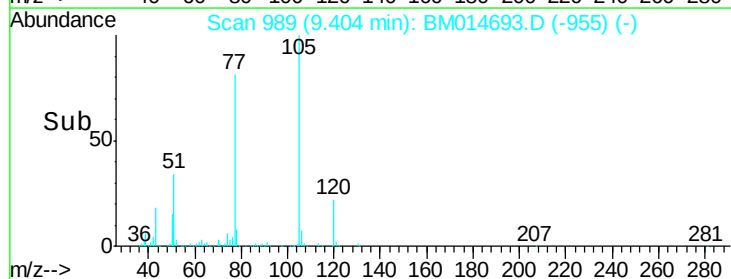
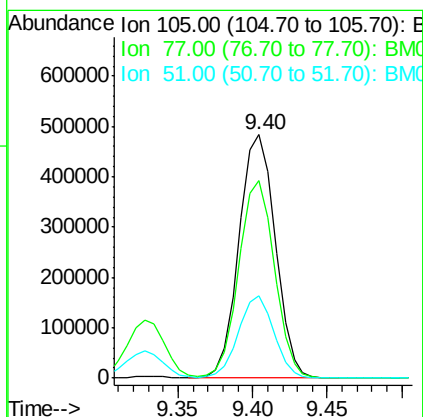
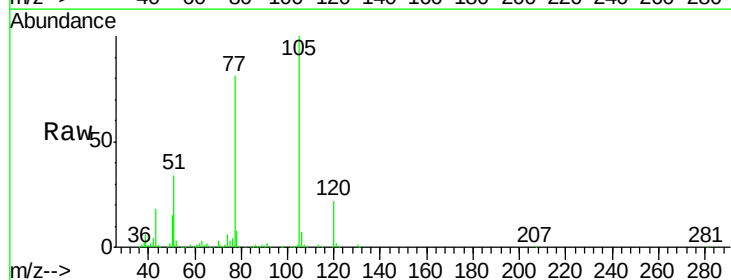
Instrument :
BNA_M
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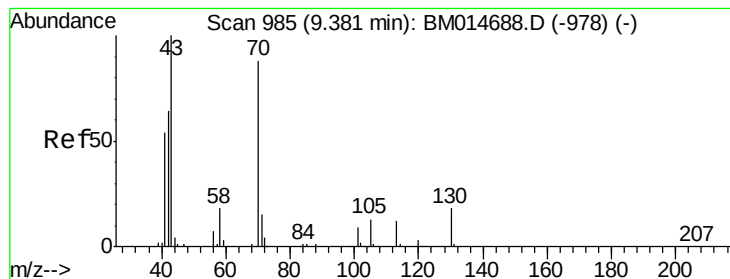
Tot Ion: 45 Resp: 979021
Ion Ratio Lower Upper
45 100
77 11.1 15.9 23.9#
79 8.3 12.5 18.7#



#14
Acetophenone
Concen: 21.335 ng/ul
RT: 9.40 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM014693.D
Acq: 13 Apr 2018 09:30

Tgt Ion: 105 Resp: 816280
Ion Ratio Lower Upper
105 100
77 81.0 59.0 88.4
51 34.0 16.4 24.6#





#15

N-Nitroso-di-n-propylamine

Concen: 20.331 ng/ul

RT: 9.38 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 416208

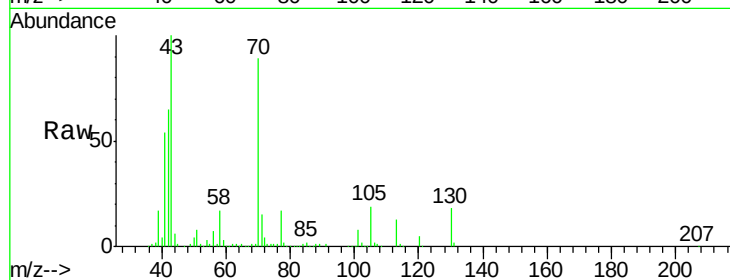
Ion Ratio Lower Upper

70 100

42 72.9 35.4 53.0#

101 8.8 8.4 12.6

130 20.4 18.2 27.4



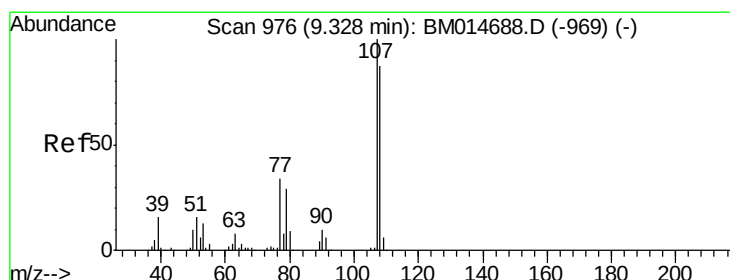
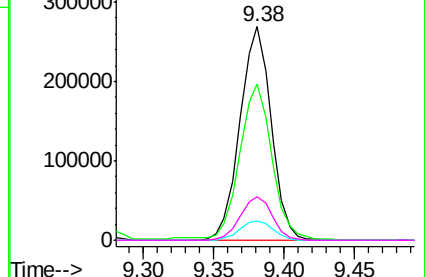
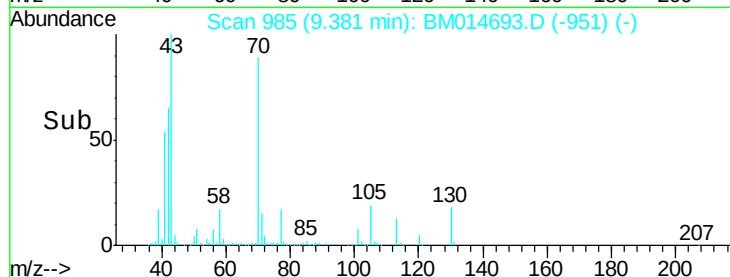
Abundance Ion 70.00 (69.70 to 70.70): BM014688.D (-978) (-)

Ion 42.00 (41.70 to 42.70): BM014688.D (-978) (-)

Ion 101.00 (100.70 to 101.70): BM014688.D (-978) (-)

Ion 130.00 (129.70 to 130.70): BM014688.D (-978) (-)

Time-->



#16

4-Methylphenol

Concen: 20.759 ng/ul

RT: 9.33 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM014693.D

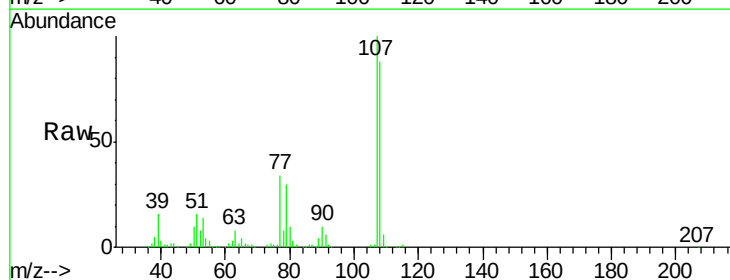
Acq: 13 Apr 2018 09:30

Tgt Ion: 108 Resp: 525314

Ion Ratio Lower Upper

108 100

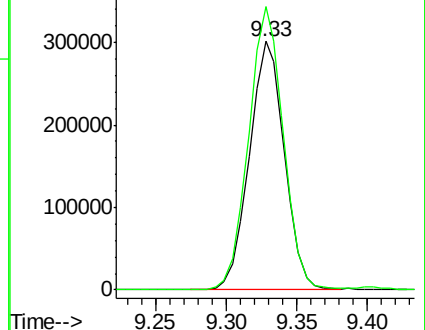
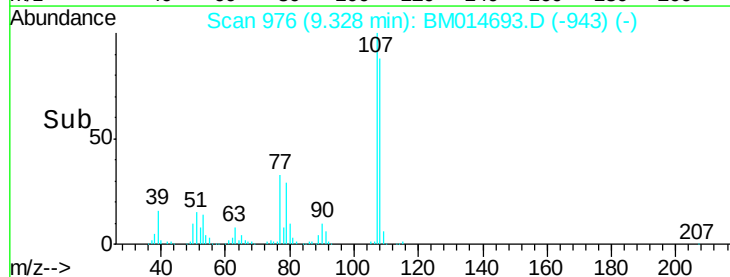
107 114.0 90.3 135.5

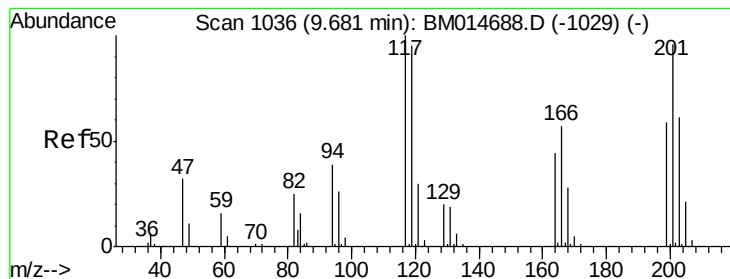


Abundance Ion 108.00 (107.70 to 108.70): BM014688.D (-969) (-)

Ion 107.00 (106.70 to 107.70): BM014688.D (-969) (-)

Time-->





#17

Hexachloroethane

Concen: 20.118 ng/ul

RT: 9.68 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

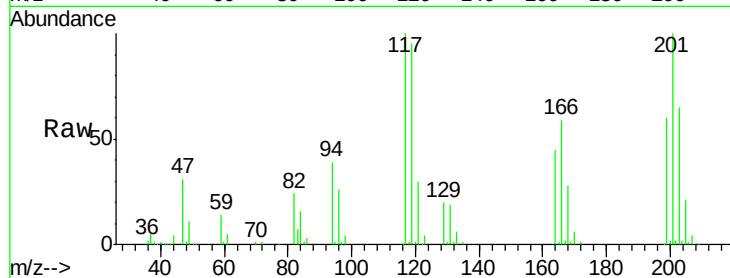
Tot Ion:117 Resp: 210322

Ion Ratio Lower Upper

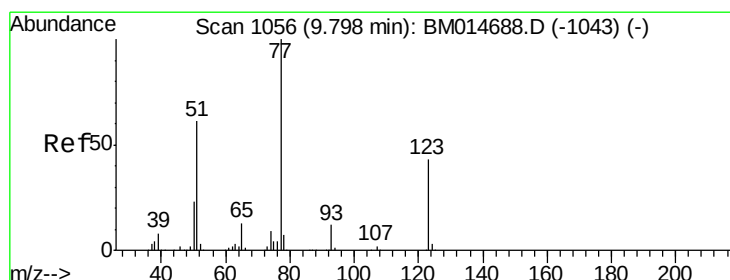
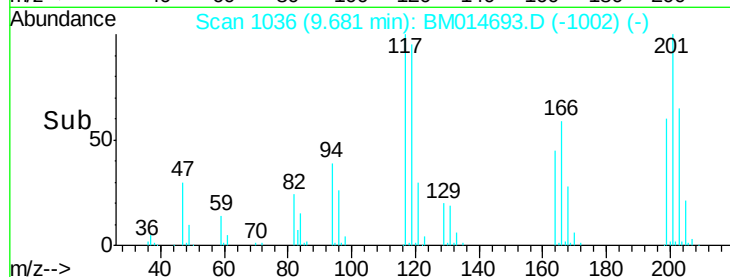
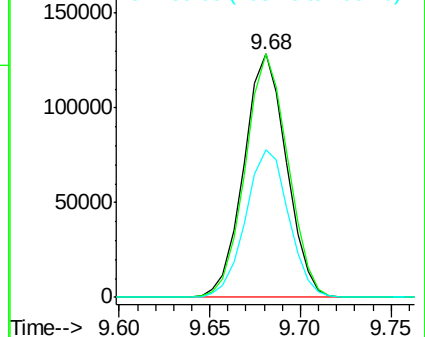
117 100

201 99.9 81.5 122.3

199 60.4 50.6 76.0



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: 21.732 ng/ul

RT: 9.79 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

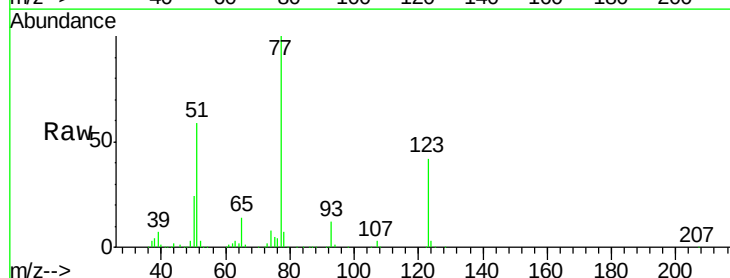
Tgt Ion: 77 Resp: 616807

Ion Ratio Lower Upper

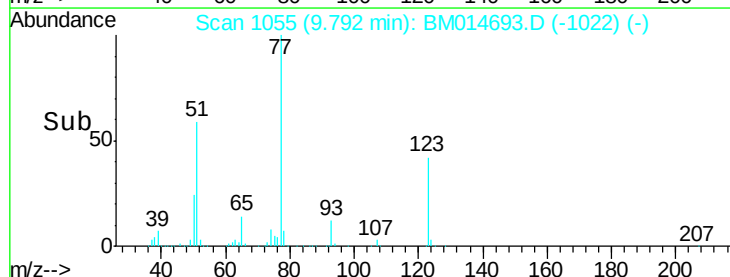
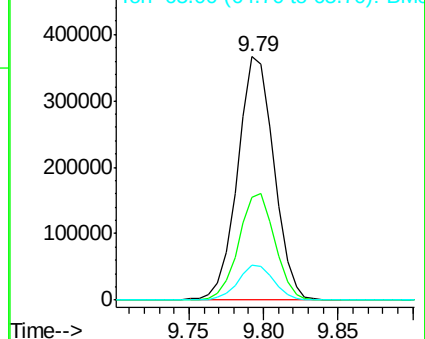
77 100

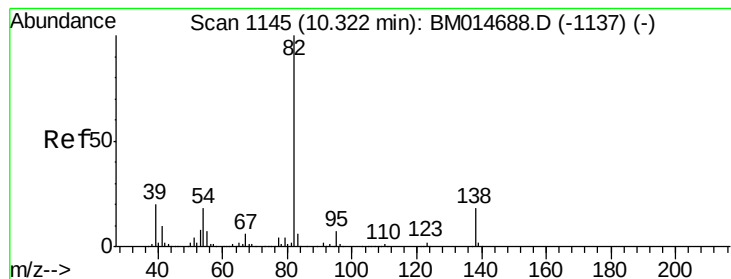
123 42.2 39.0 58.4

65 14.2 10.4 15.6



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: 19.771 ng/ul

RT: 10.32 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

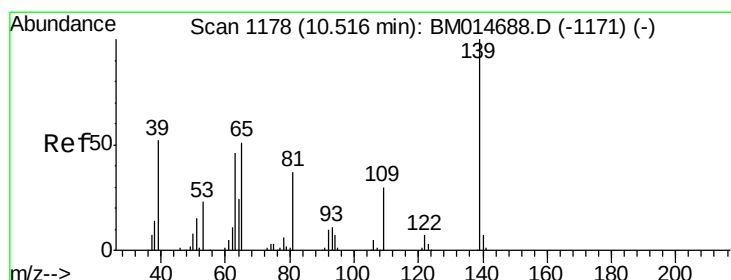
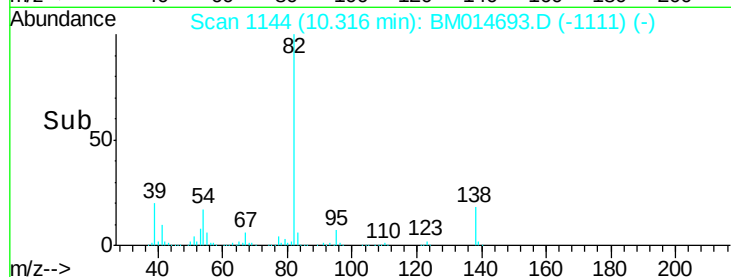
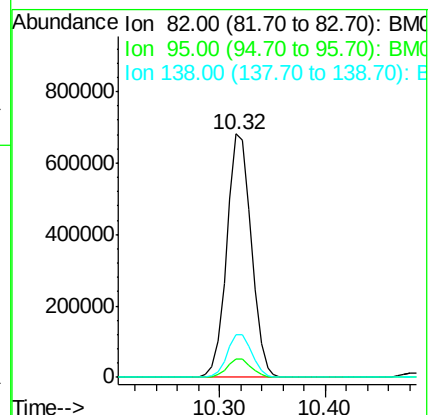
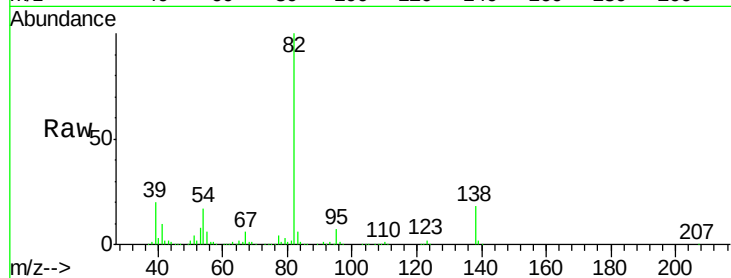
Tot Ion: 82 Resp: 1095733

Ion Ratio Lower Upper

82 100

95 7.4 6.4 9.6

138 17.8 14.9 22.3



#23

2-Nitrophenol

Concen: 20.964 ng/ul

RT: 10.52 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

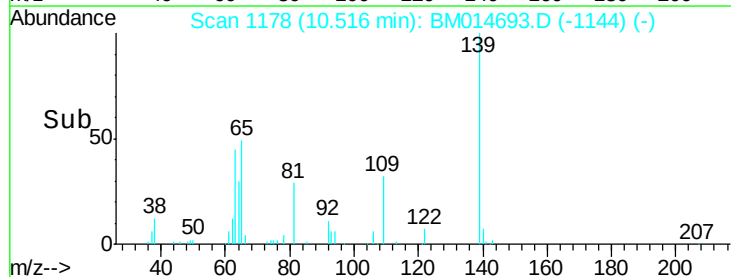
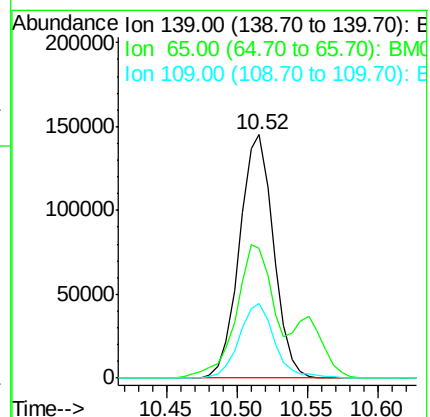
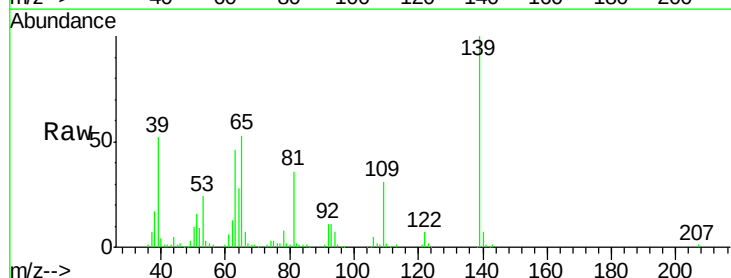
Tgt Ion: 139 Resp: 244279

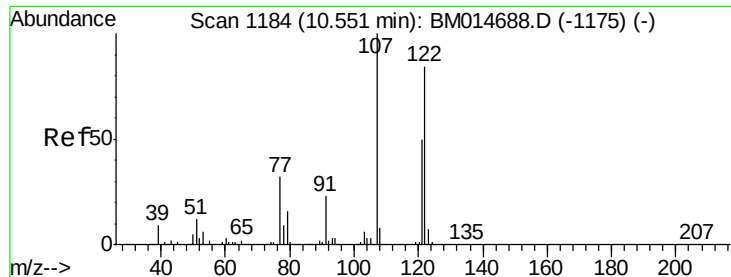
Ion Ratio Lower Upper

139 100

65 53.1 36.3 54.5

109 30.8 26.4 39.6





#24

2,4-Dimethylphenol

Concen: 20.362 ng/ul

RT: 10.55 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BM014693.D

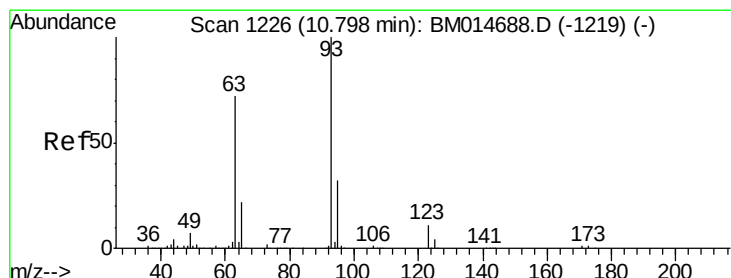
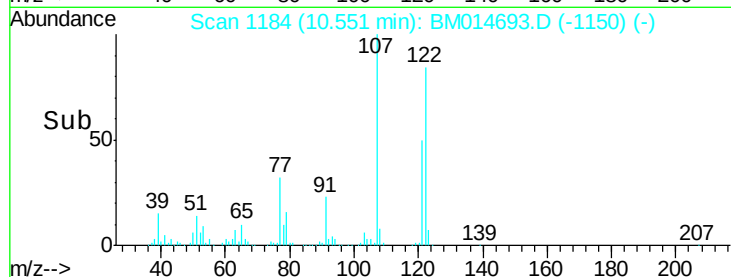
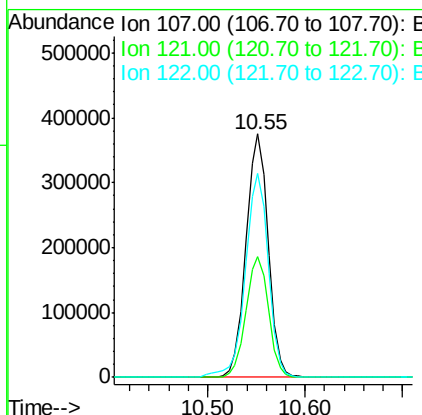
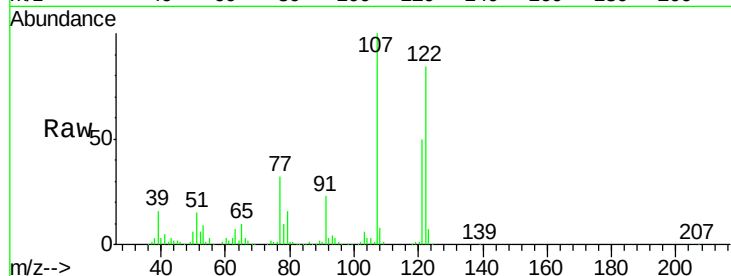
Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampled :

Tot Ion:	107	Resp:	599437
Ion	Ratio	Lower	Upper
107	100		
121	49.7	40.6	61.0
122	83.6	67.8	101.6



#25

Bis(2-Chloroethoxy)methane

Concen: 20.629 ng/ul

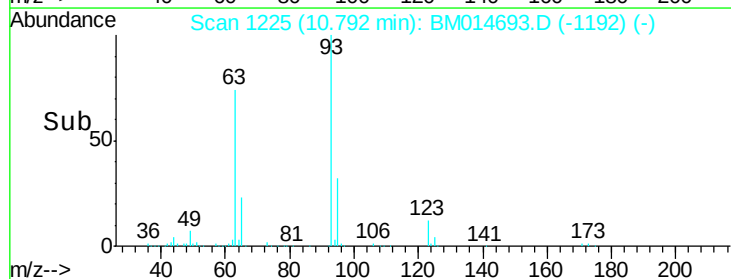
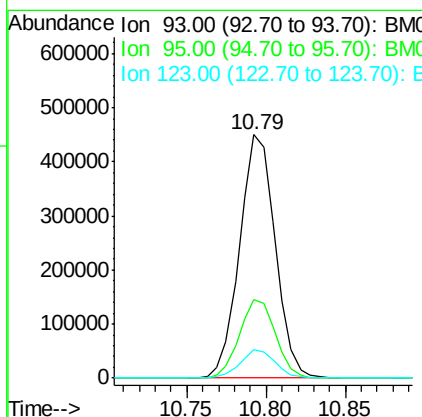
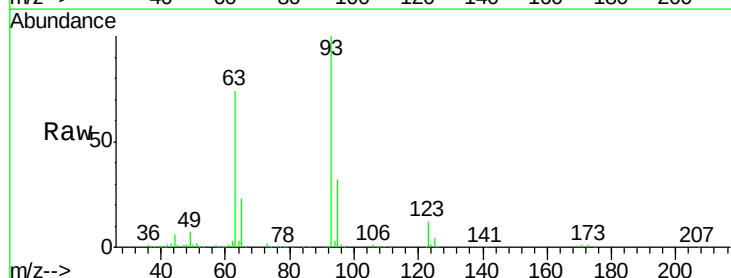
RT: 10.79 min Scan# 1225

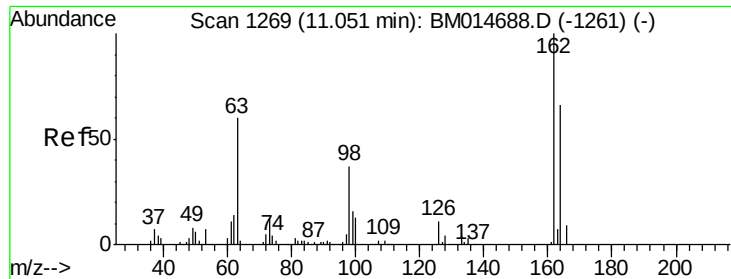
Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Tgt Ion:	93	Resp:	703425
Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.8
123	11.6	9.8	14.8

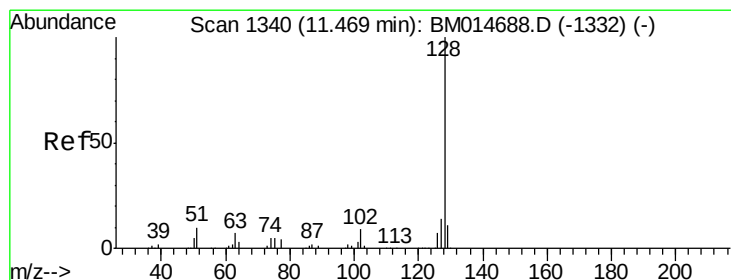
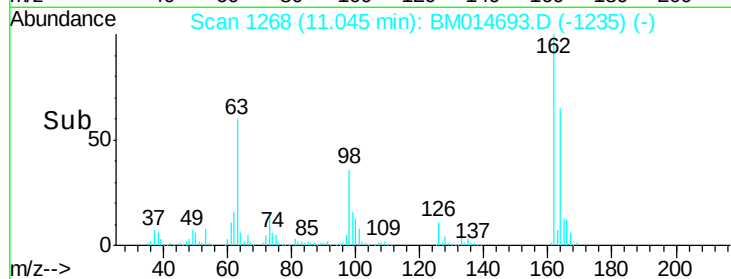
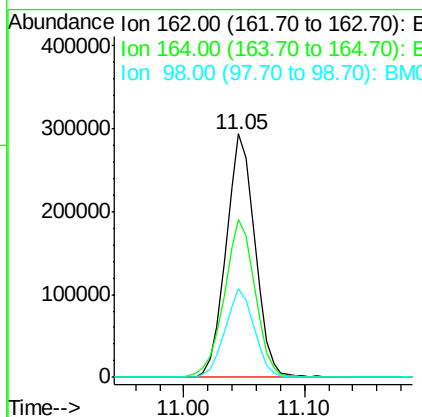
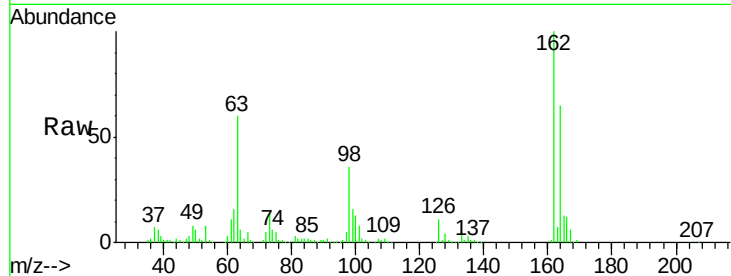




#27
 2,4-Dichlorophenol
 Concen: 20.421 ng/ul
 RT: 11.05 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

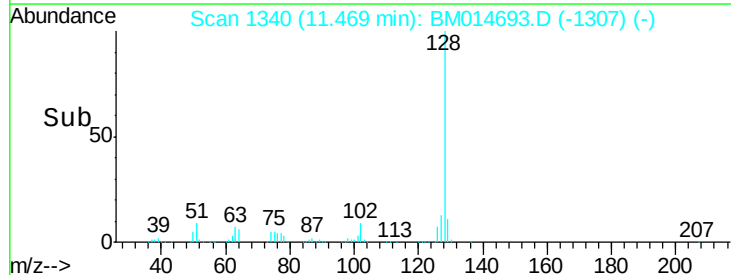
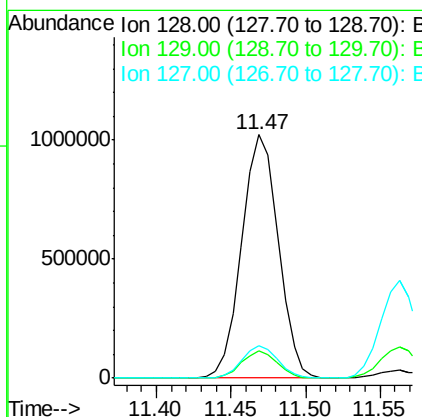
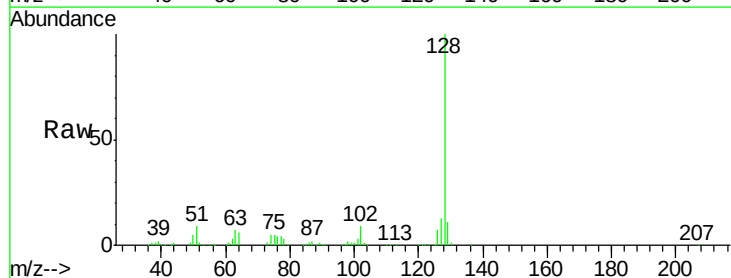
Instrument :
 BNA_M
 ClientSampleId :

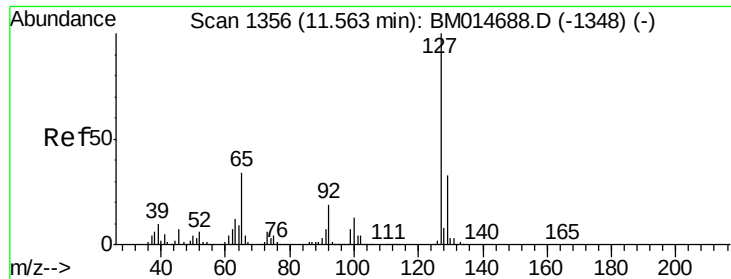
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	52.1	78.1
98	36.5	28.4	42.6



#28
 Naphthalene
 Concen: 20.594 ng/ul
 RT: 11.47 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.5	15.7

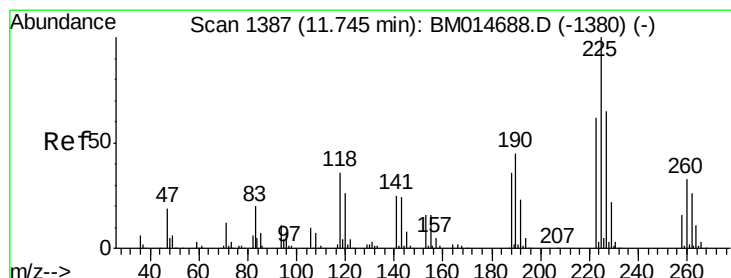
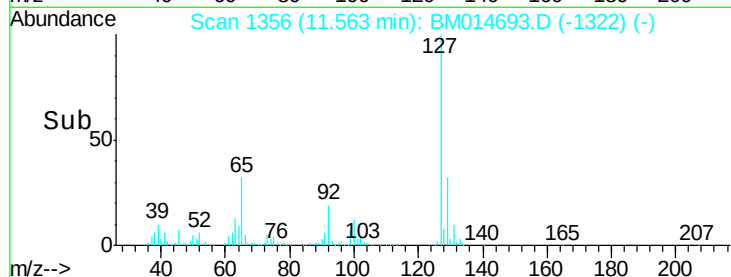
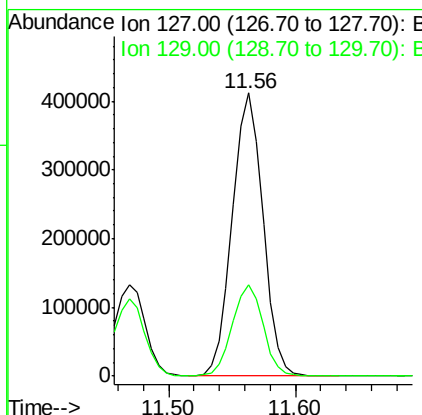
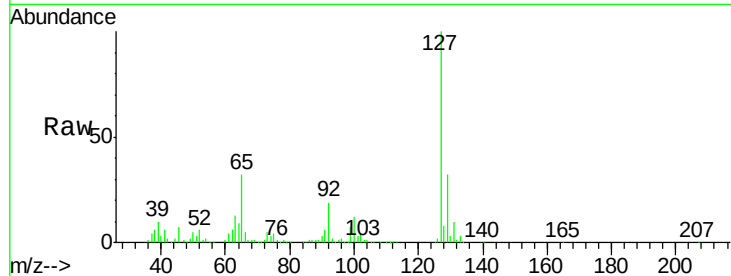




#30
 4-Chloroaniline
 Concen: 24.909 ng/ul
 RT: 11.56 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

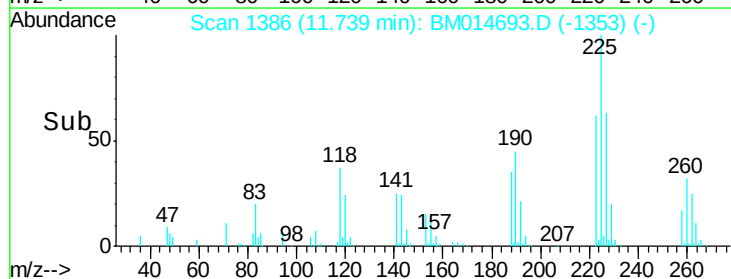
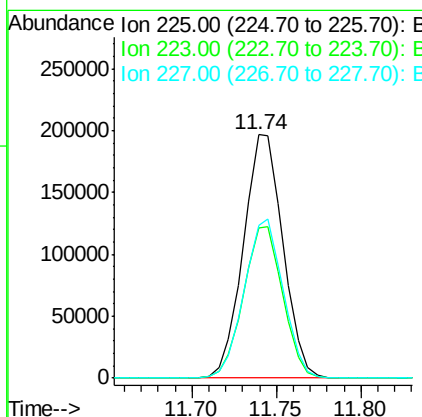
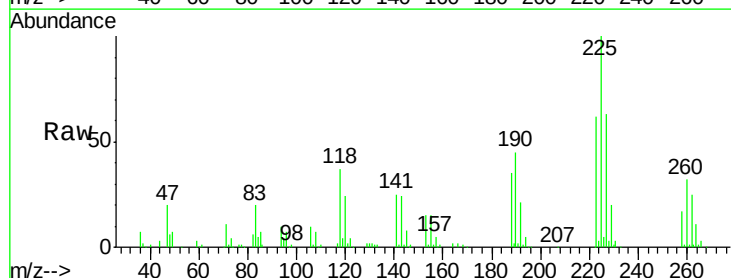
Instrument :
 BNA_M
 ClientSampleId :

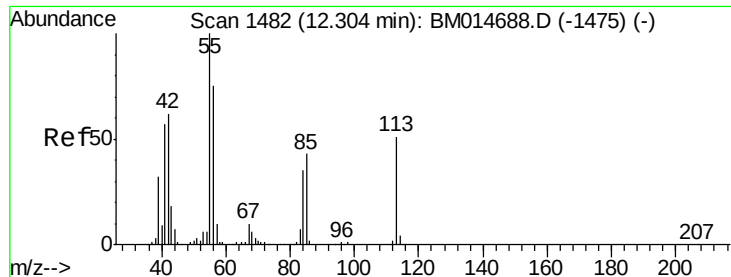
Tot Ion:127 Resp: 687820
 Ion Ratio Lower Upper
 127 100
 129 32.4 25.4 38.2



#31
 Hexachlorobutadiene
 Concen: 20.053 ng/ul
 RT: 11.74 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

Tgt Ion:225 Resp: 320875
 Ion Ratio Lower Upper
 225 100
 223 61.8 51.4 77.2
 227 62.6 50.7 76.1





#32

Caprolactam

Concen: 19.939 ng/ul

RT: 12.30 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

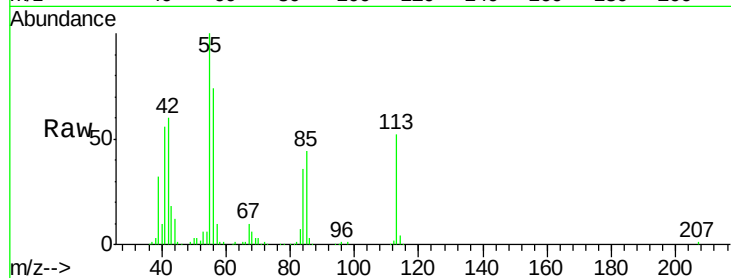
Tot Ion:113 Resp: 143123

Ion Ratio Lower Upper

113 100

55 193.4 101.9 152.9#

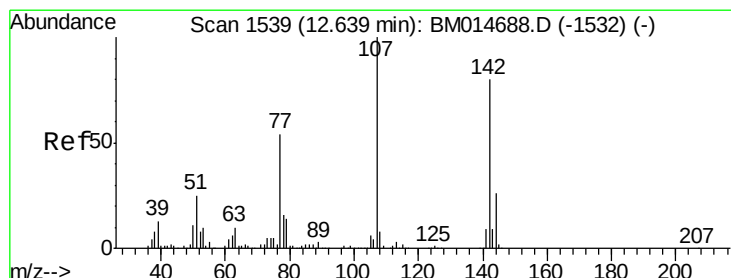
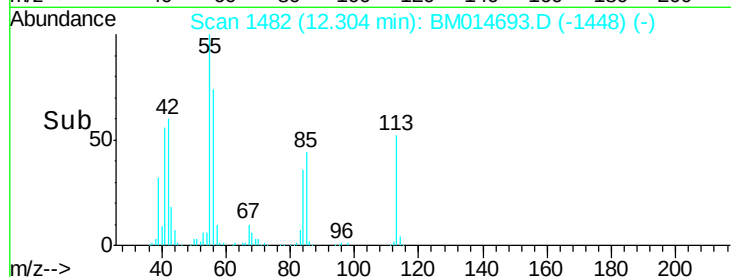
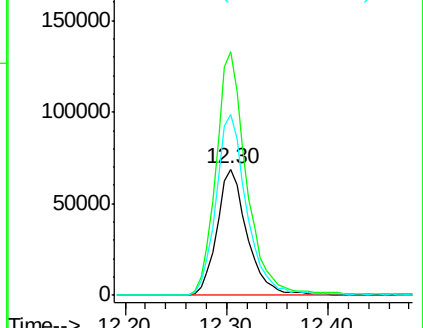
56 144.1 81.2 121.8#



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: 20.647 ng/ul

RT: 12.64 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

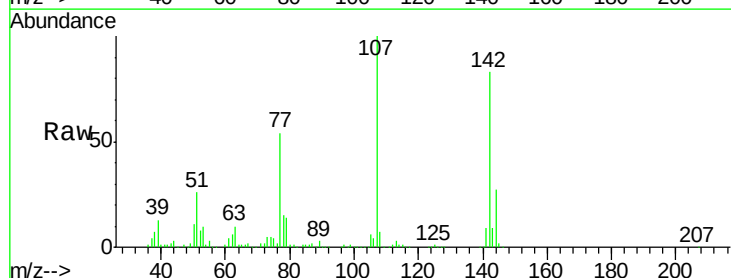
Tgt Ion:107 Resp: 526598

Ion Ratio Lower Upper

107 100

144 27.5 20.4 30.6

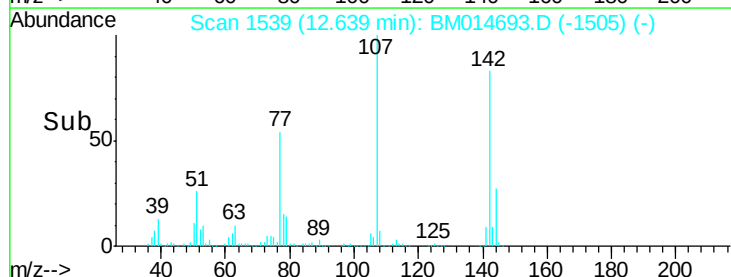
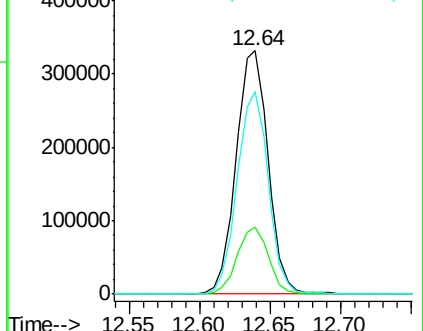
142 83.4 62.5 93.7

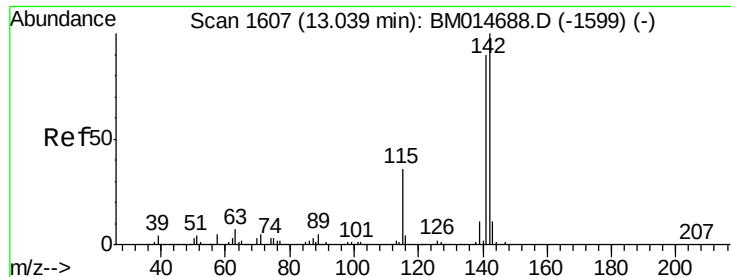


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

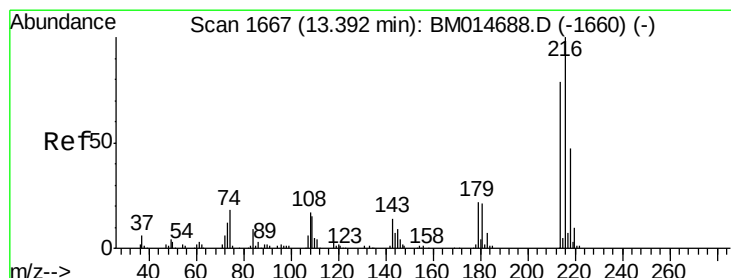
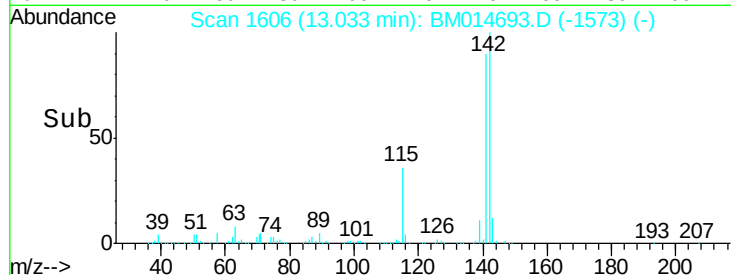
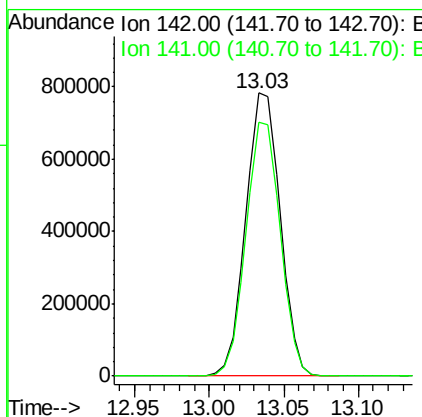
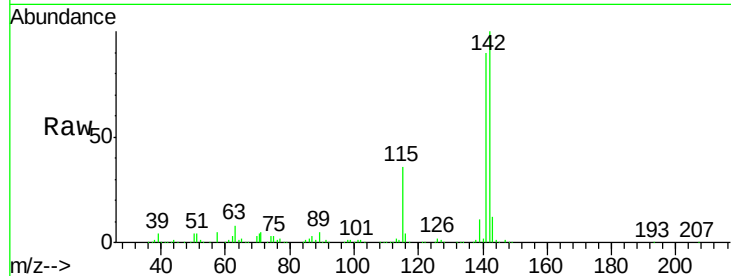




#34
 2-Methylnaphthalene
 Concen: 20.775 ng/ul
 RT: 13.03 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

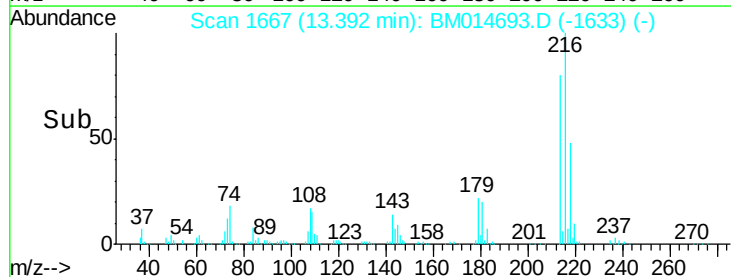
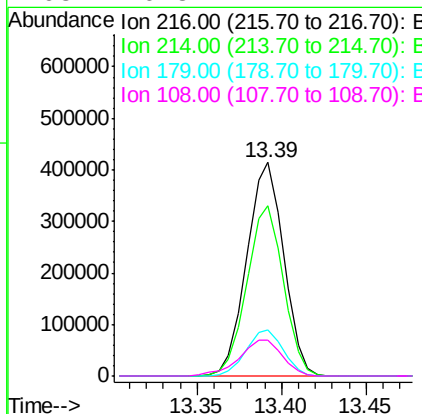
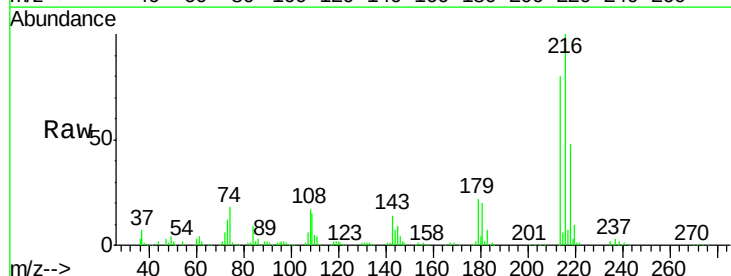
Instrument :
 BNA_M
 ClientSampleId :

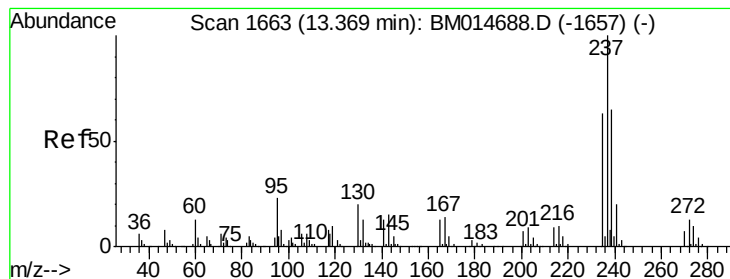
Tot Ion:142 Resp: 1250358
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.6 107.4



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.977 ng/ul
 RT: 13.39 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

Tgt Ion:216 Resp: 632588
 Ion Ratio Lower Upper
 216 100
 214 79.9 62.5 93.7
 179 21.8 18.2 27.2
 108 16.8 14.2 21.2





#37

Hexachlorocyclopentadiene

Concen: 18.750 ng/ul

RT: 13.37 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

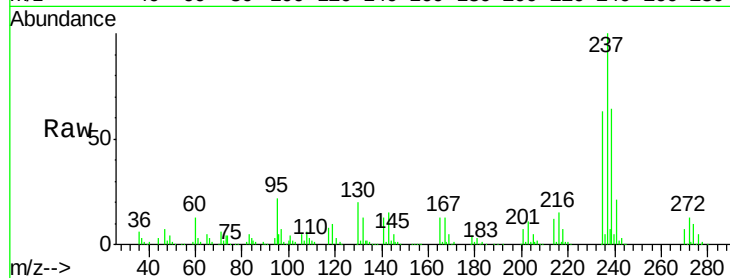
Tot Ion:237 Resp: 395680

Ion Ratio Lower Upper

237 100

235 62.5 50.4 75.6

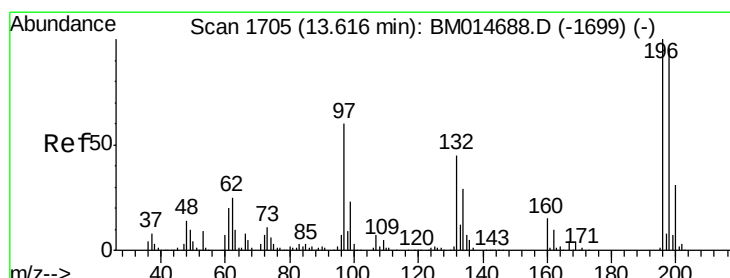
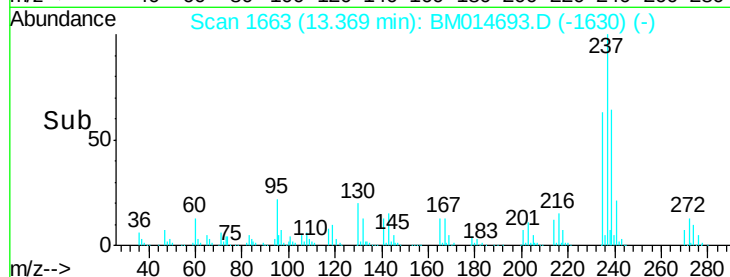
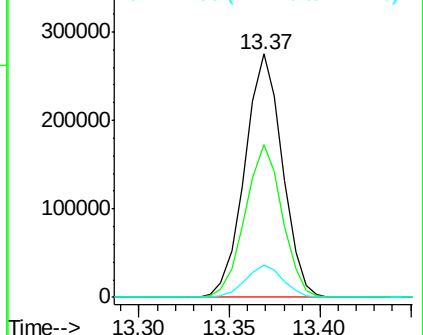
272 14.1 9.6 14.4



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: 19.777 ng/ul

RT: 13.62 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

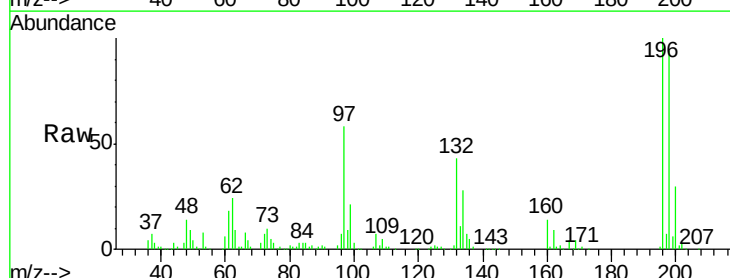
Tgt Ion:196 Resp: 371974

Ion Ratio Lower Upper

196 100

198 94.1 76.6 114.8

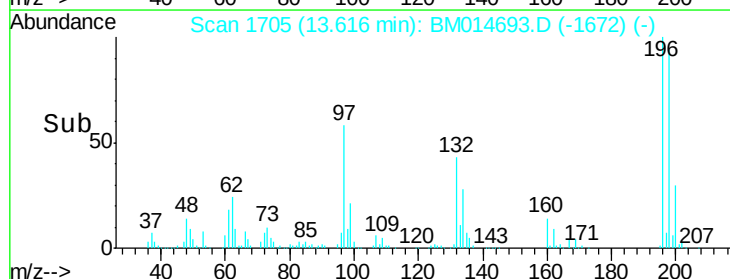
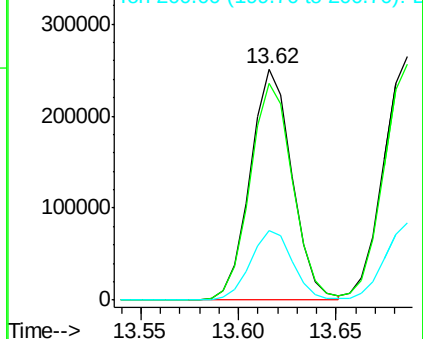
200 30.3 24.7 37.1

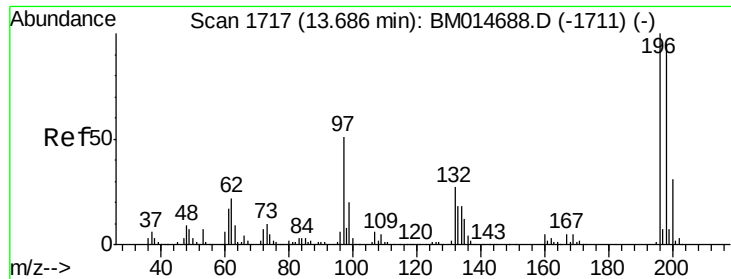


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

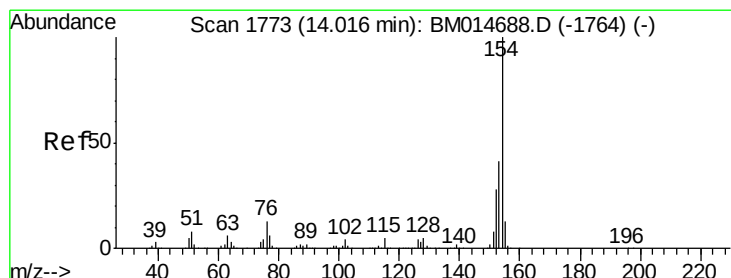
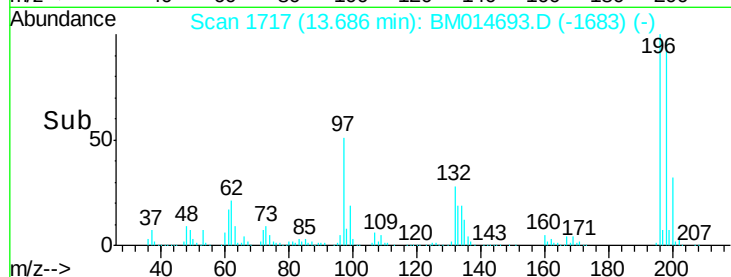
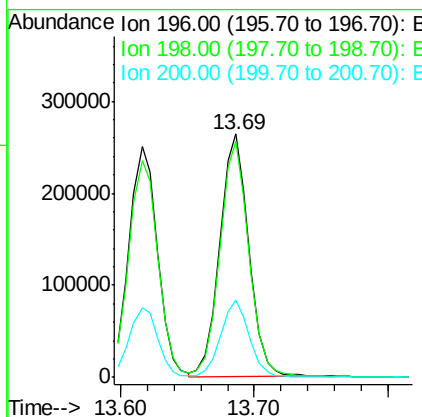
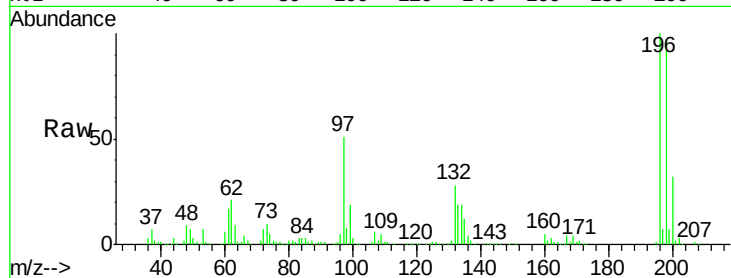




#39
 2,4,5-Trichlorophenol
 Concen: 20.503 ng/ul
 RT: 13.69 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

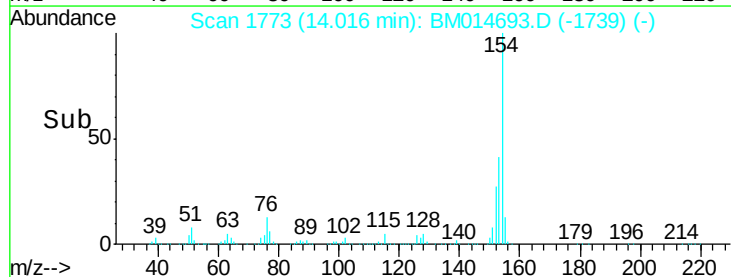
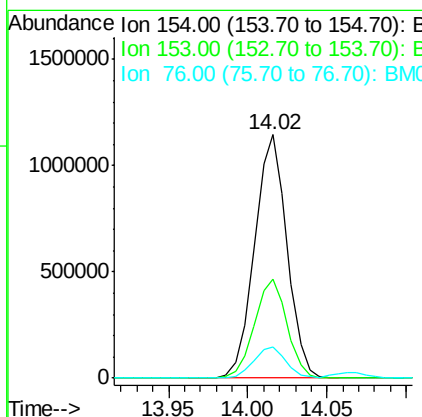
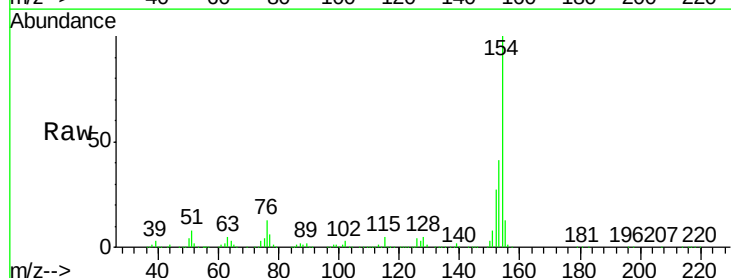
Instrument :
 BNA_M
 ClientSampleId :

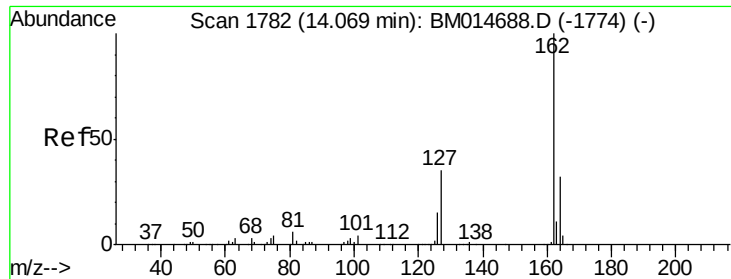
Tot Ion:196 Resp: 403966
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.9 115.3
 200 32.0 25.0 37.4



#40
 1,1'-Biphenyl
 Concen: 20.371 ng/ul
 RT: 14.02 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

Tgt Ion:154 Resp: 1627466
 Ion Ratio Lower Upper
 154 100
 153 40.7 32.1 48.1
 76 12.6 9.5 14.3

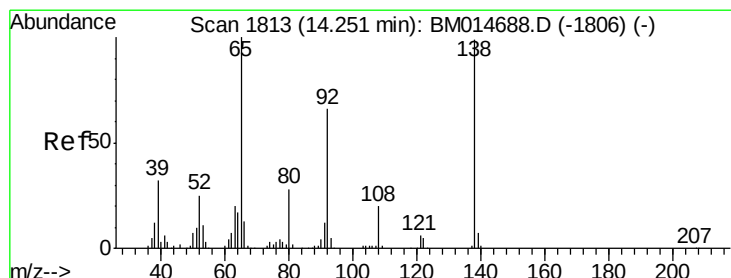
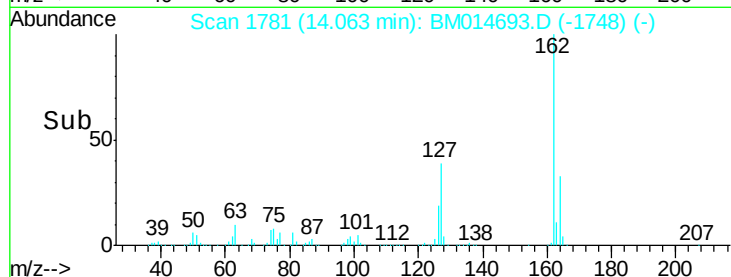
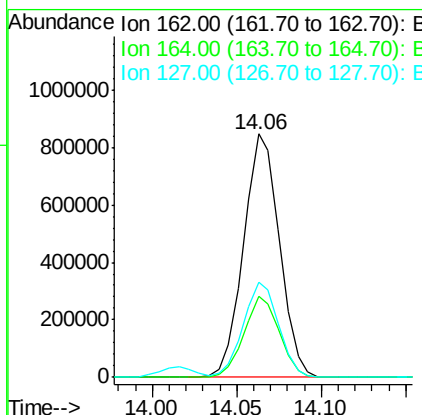
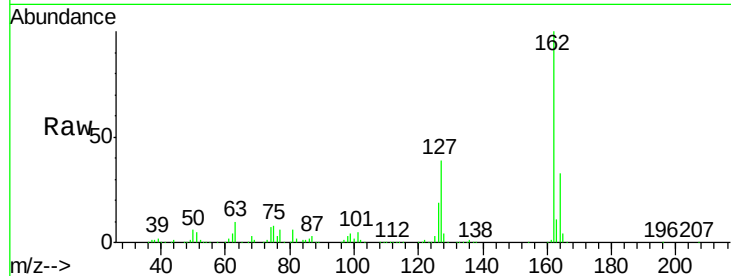




#41
2-Chloronaphthalene
Concen: 20.249 ng/ul
RT: 14.06 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BM014693.D
Acq: 13 Apr 2018 09:30

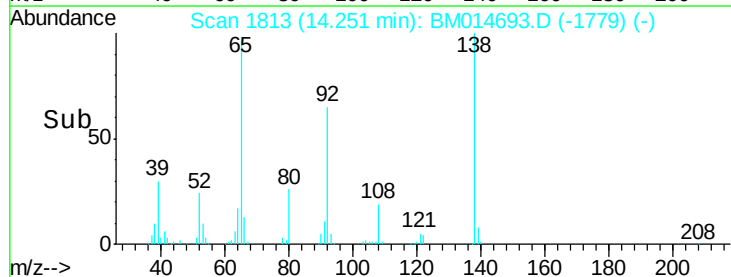
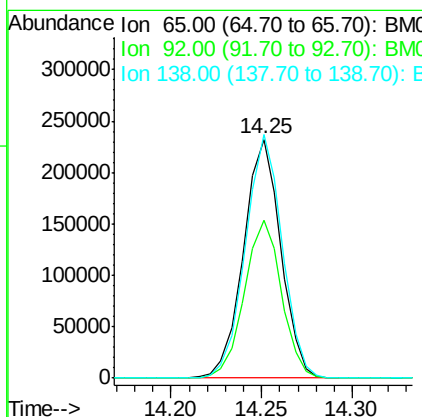
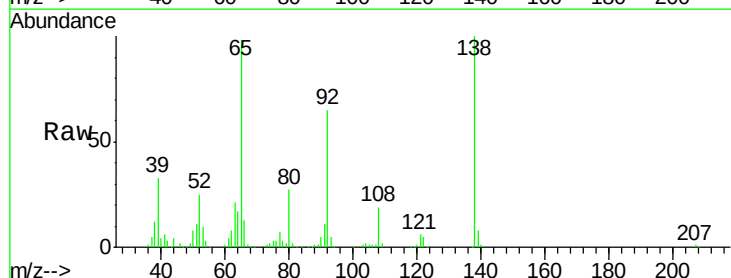
Instrument :
BNA_M
ClientSampled :

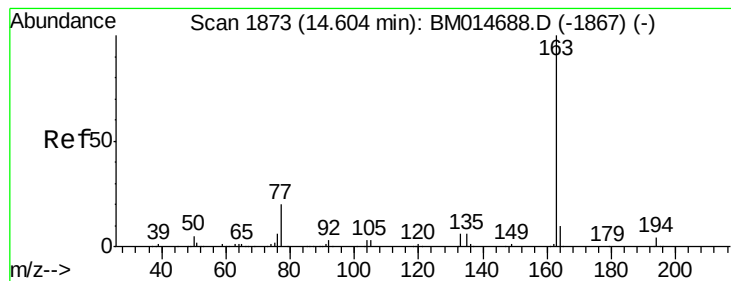
Tot Ion:162 Resp: 1253646
Ion Ratio Lower Upper
162 100
164 33.2 25.9 38.9
127 39.2 34.1 51.1



#42
2-Nitroaniline
Concen: 23.004 ng/ul
RT: 14.25 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM014693.D
Acq: 13 Apr 2018 09:30

Tgt Ion: 65 Resp: 331850
Ion Ratio Lower Upper
65 100
92 66.1 60.4 90.6
138 102.0 99.8 149.6





#44

Dimethylphthalate

Concen: 20.449 ng/ul

RT: 14.60 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

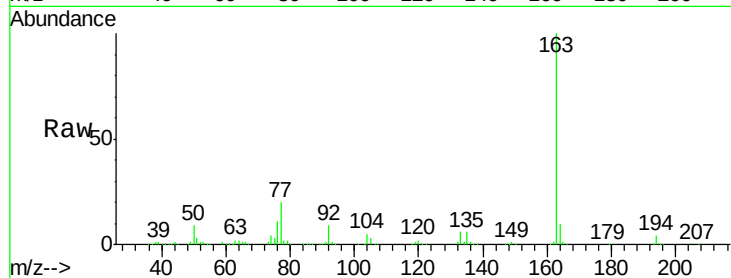
Tot Ion:163 Resp: 1553030

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

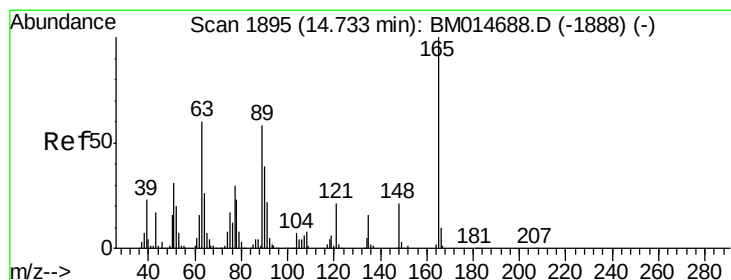
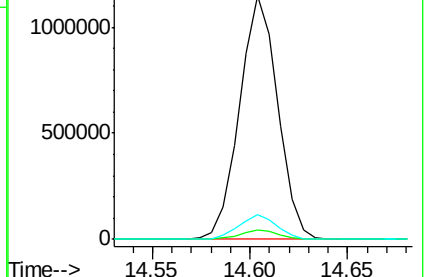
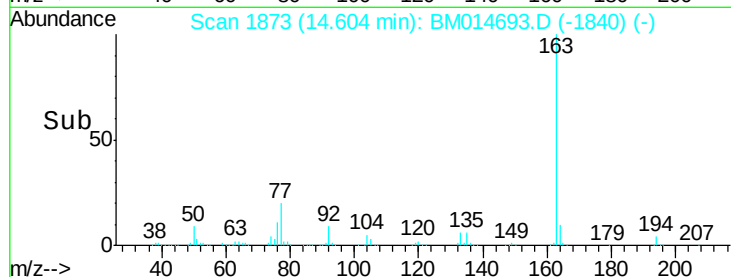
164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 23.021 ng/ul

RT: 14.73 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

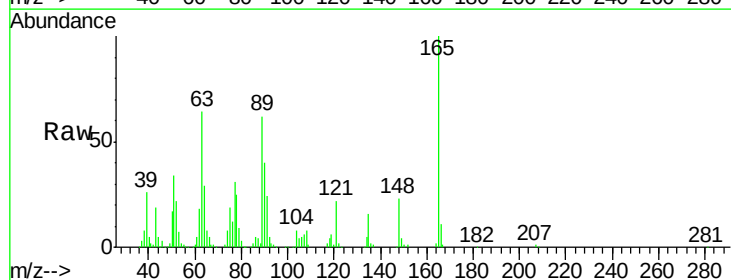
Tgt Ion:165 Resp: 282383

Ion Ratio Lower Upper

165 100

89 61.7 42.4 63.6

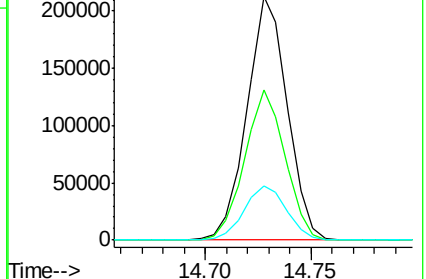
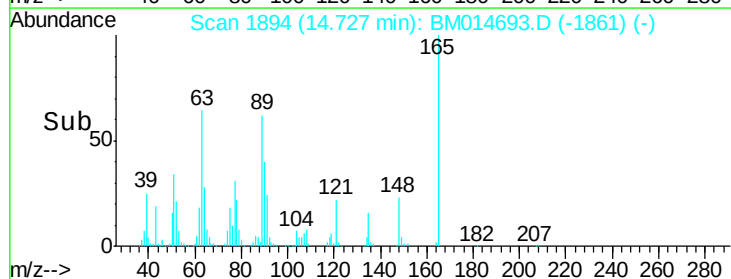
121 22.5 16.6 24.8

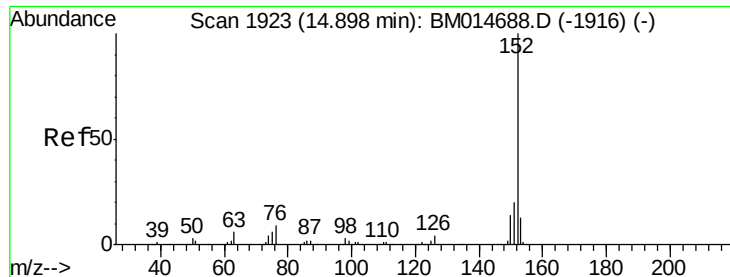


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.519 ng/ul

RT: 14.90 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

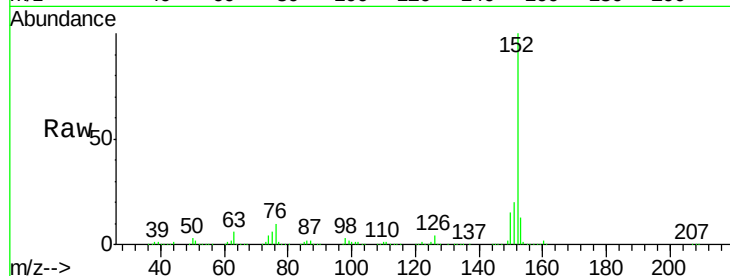
Tot Ion:152 Resp: 1948356

Ion Ratio Lower Upper

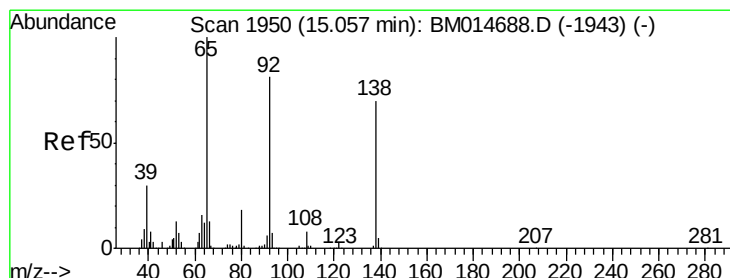
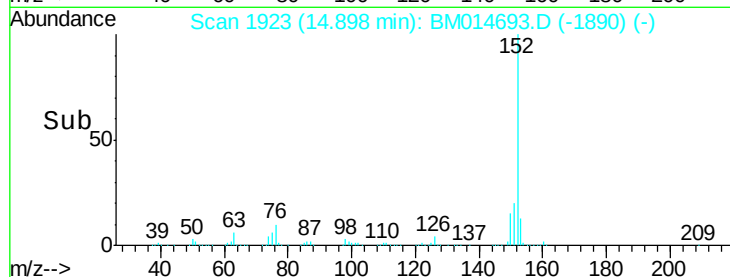
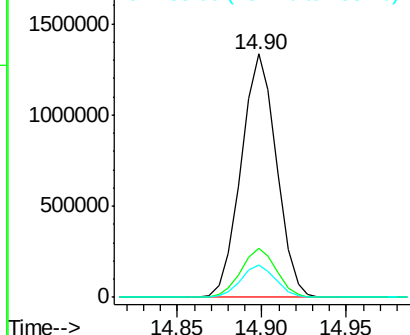
152 100

151 20.1 15.7 23.5

153 13.2 10.5 15.7



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: 24.394 ng/ul

RT: 15.06 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

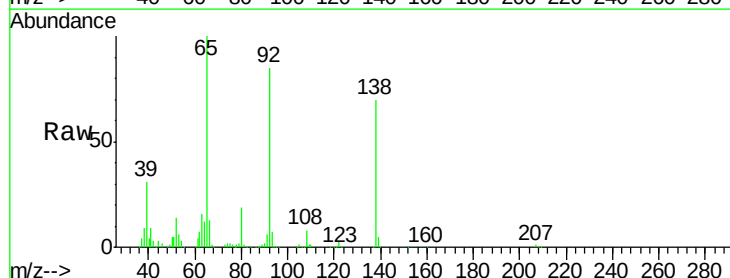
Tgt Ion:138 Resp: 302251

Ion Ratio Lower Upper

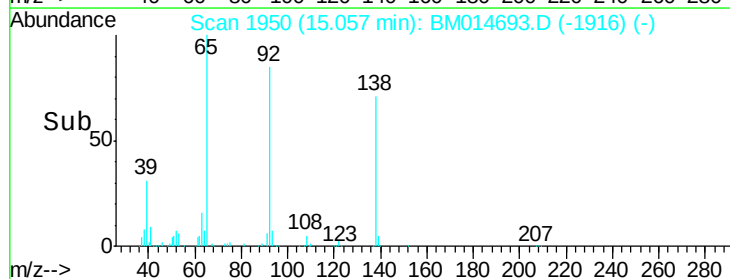
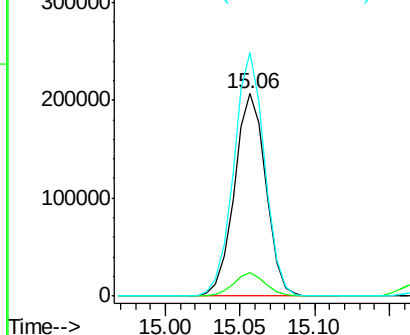
138 100

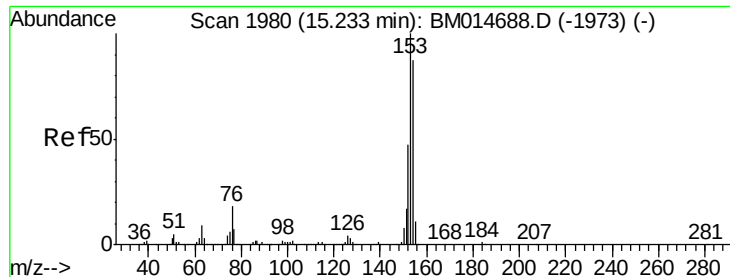
108 11.3 8.7 13.1

92 120.2 88.2 132.4



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





#49

Acenaphthene

Concen: 20.607 ng/ul

RT: 15.23 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

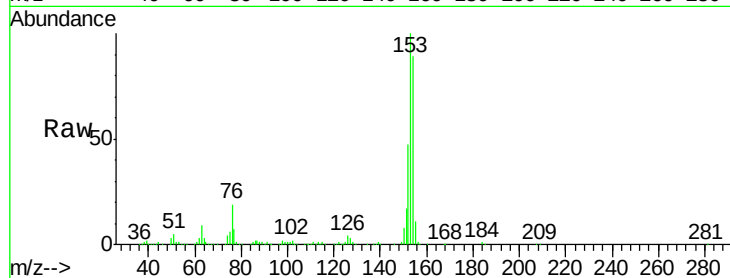
Instrument :

BNA_M

ClientSampleId :

Tot Ion:153 Resp: 1366217

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.3	57.5
154	88.8	71.8	107.8

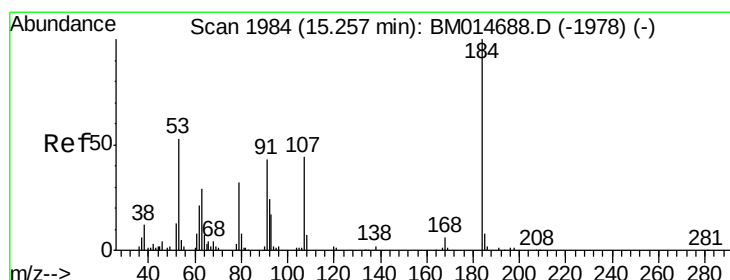
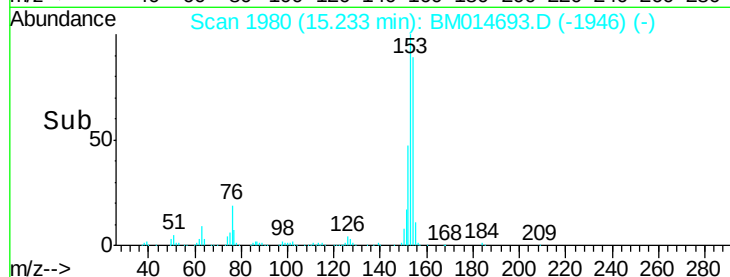
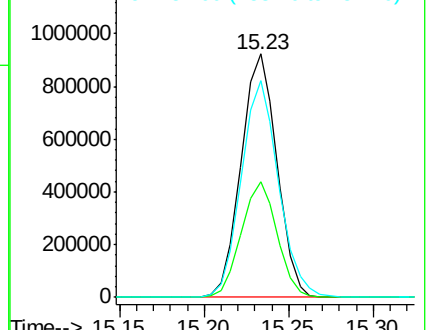


Abundance

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: 21.357 ng/ul

RT: 15.25 min Scan# 1983

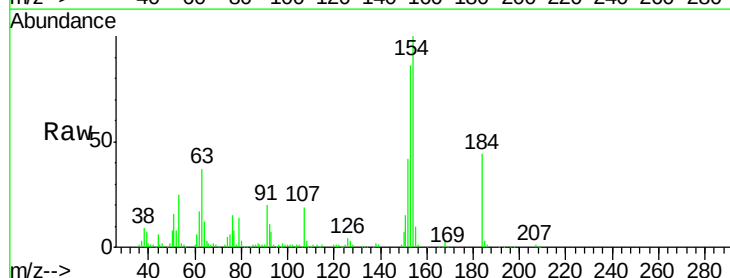
Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Tgt Ion:184 Resp: 113377

Ion	Ratio	Lower	Upper
184	100		
63	84.8	76.0	114.0
154	228.0	300.0	450.0#

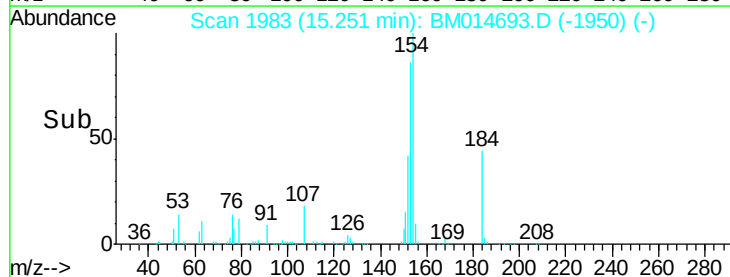
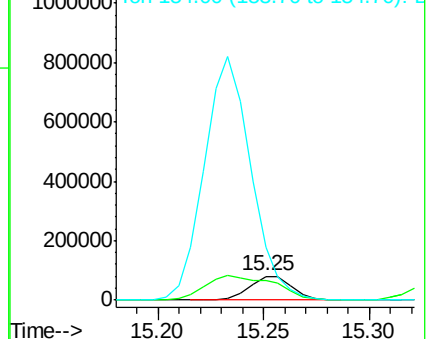


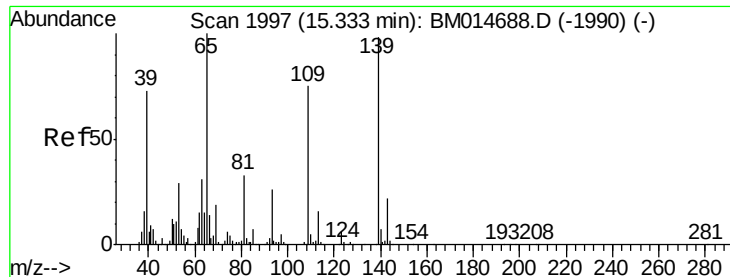
Abundance

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: 21.852 ng/ul

RT: 15.33 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

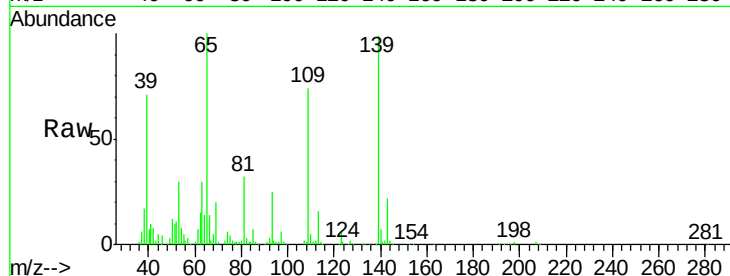
Tot Ion:109 Resp: 212481

Ion Ratio Lower Upper

109 100

139 132.9 103.7 155.5

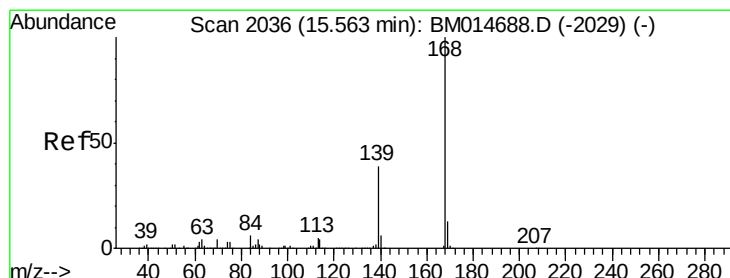
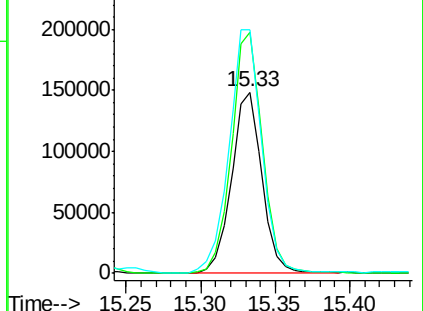
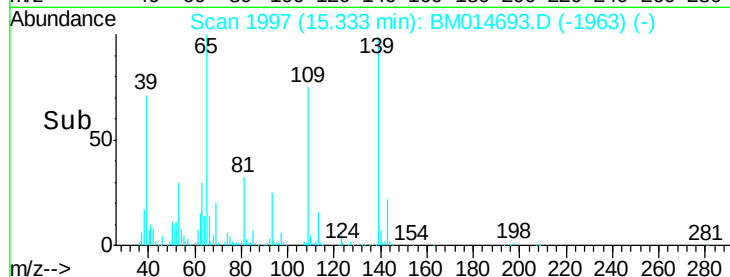
65 134.5 89.4 134.2#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 20.926 ng/ul

RT: 15.56 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BM014693.D

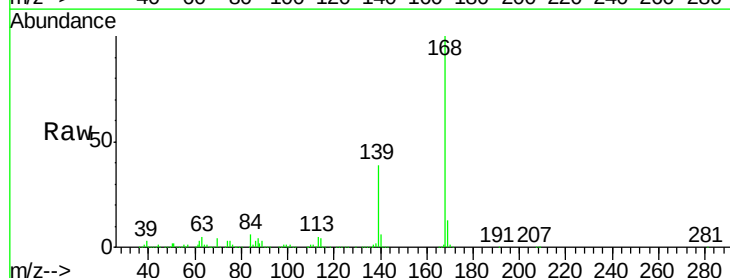
Acq: 13 Apr 2018 09:30

Tgt Ion:168 Resp: 1903767

Ion Ratio Lower Upper

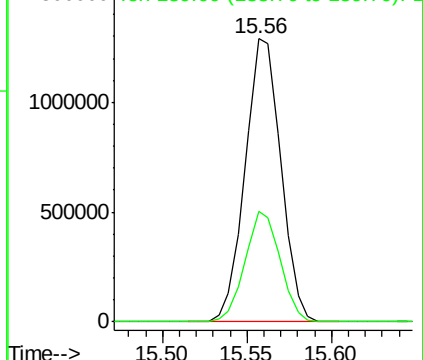
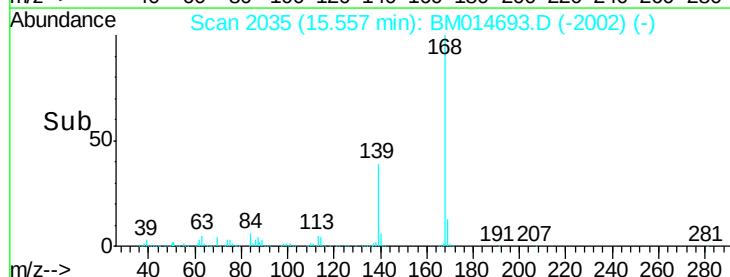
168 100

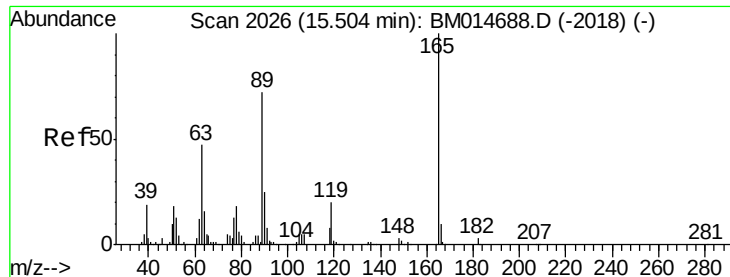
139 39.0 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 24.222 ng/ul

RT: 15.50 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

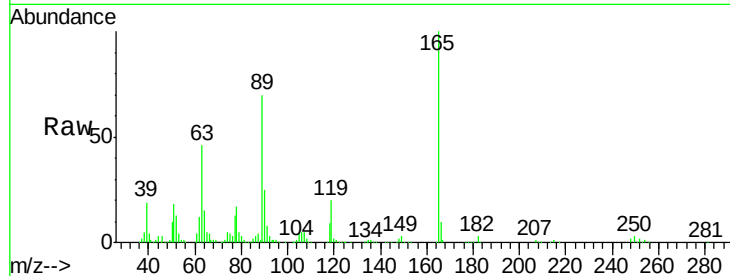
Tot Ion:165 Resp: 428903

Ion Ratio Lower Upper

165 100

63 45.5 29.8 44.6#

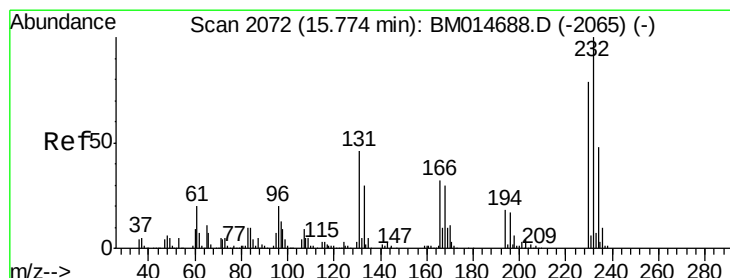
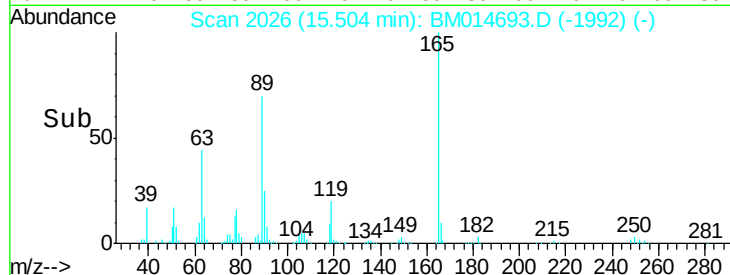
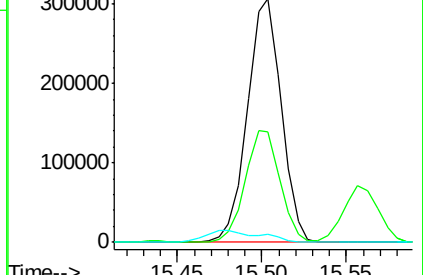
182 3.1 2.2 3.4



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: 20.507 ng/ul

RT: 15.77 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Tgt Ion:232 Resp: 343735

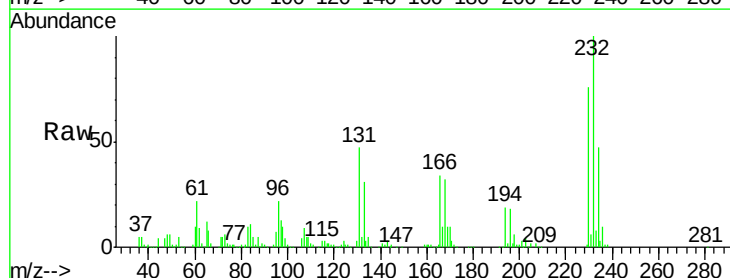
Ion Ratio Lower Upper

232 100

131 47.3 39.4 59.2

130 2.6 2.2 3.2

166 33.6 26.6 39.8

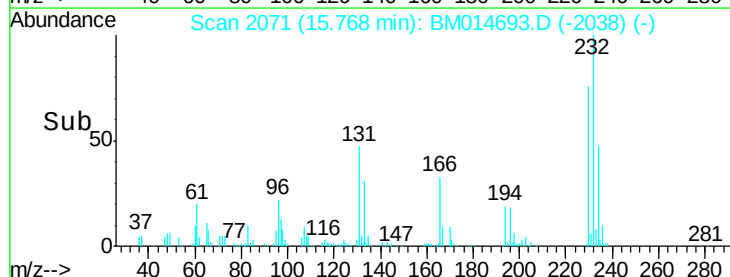
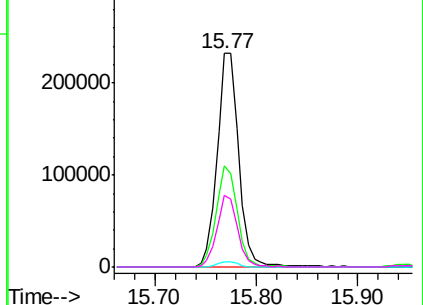


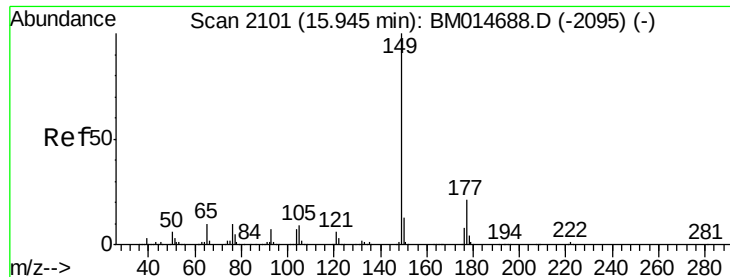
Abundance Ion 232.00 (231.70 to 232.70): E

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

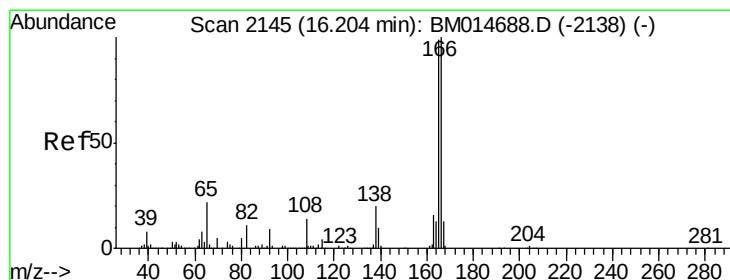
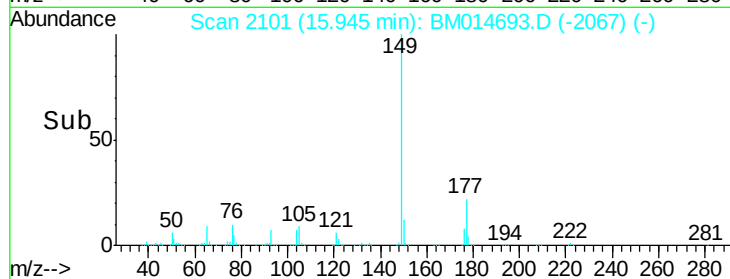
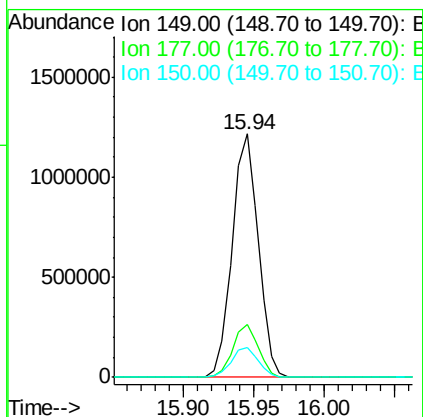
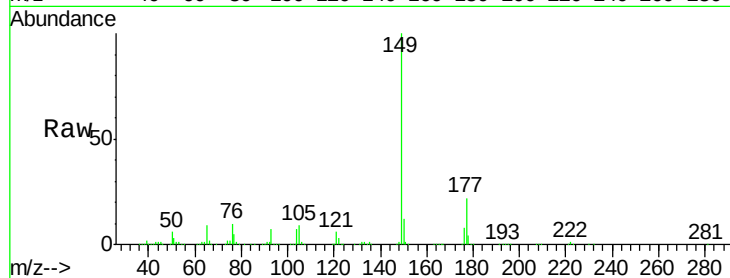




#56
Diethylphthalate
Concen: 20.604 ng/ul
RT: 15.94 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM014693.D
Acq: 13 Apr 2018 09:30

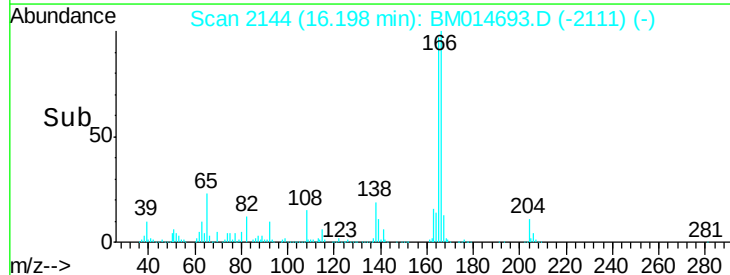
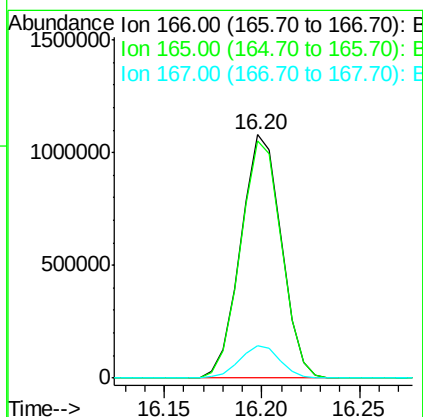
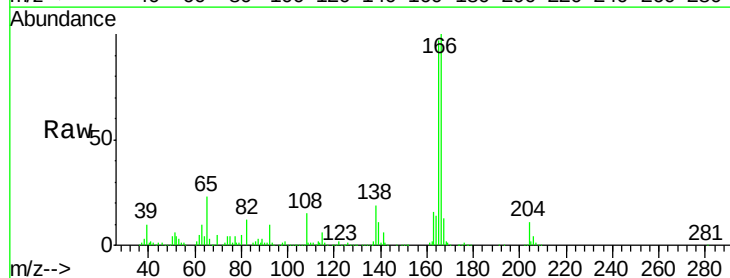
Instrument :
BNA_M
ClientSampleId :

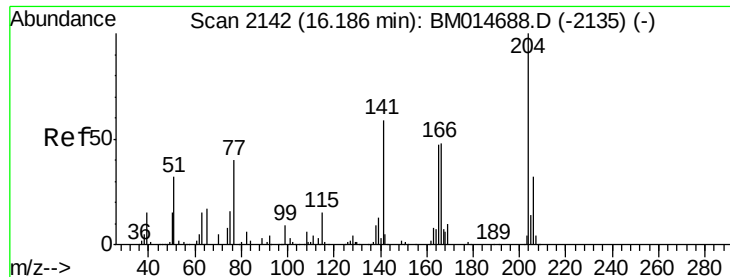
Tot Ion:149 Resp: 1565550
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.1 10.0 15.0



#58
Fluorene
Concen: 20.934 ng/ul
RT: 16.20 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM014693.D
Acq: 13 Apr 2018 09:30

Tgt Ion:166 Resp: 1551366
Ion Ratio Lower Upper
166 100
165 97.4 78.5 117.7
167 13.5 10.7 16.1

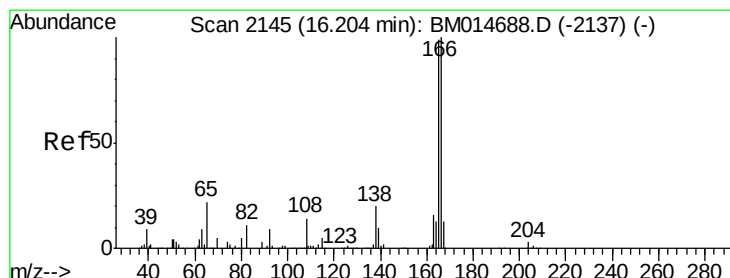
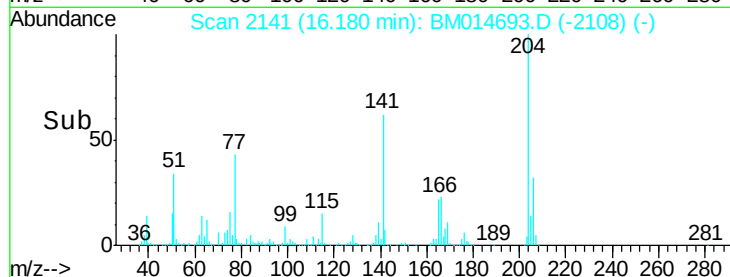
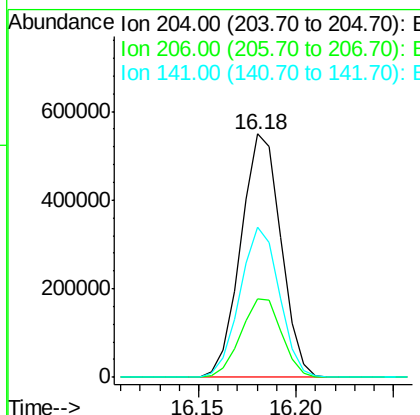
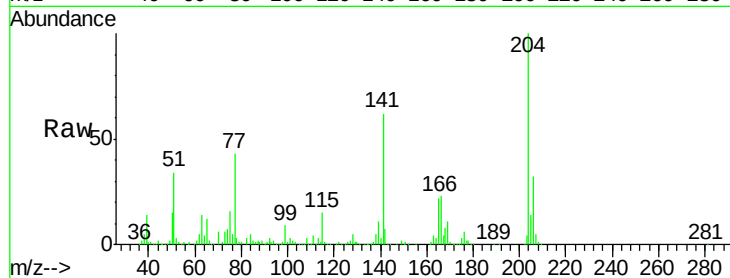




#59
 4-Chlorophenyl-phenylether
 Concen: 20.640 ng/ul
 RT: 16.18 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

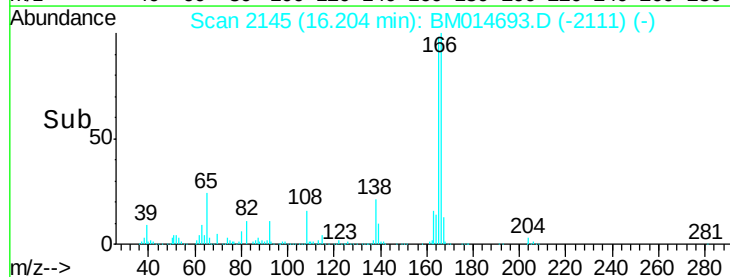
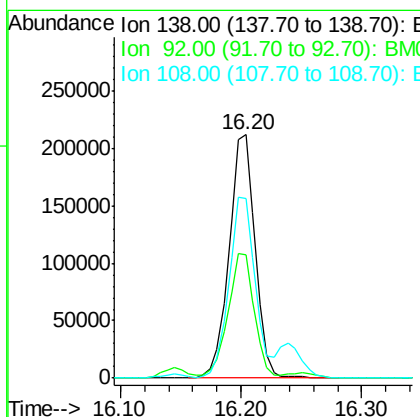
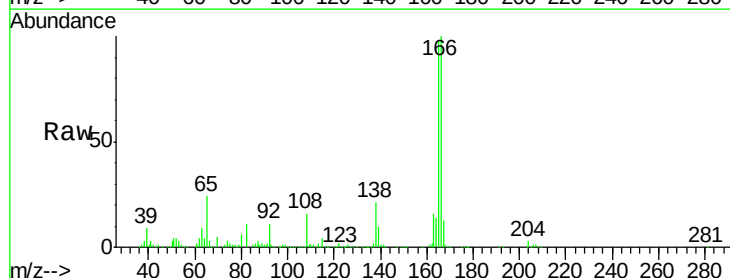
Instrument :
 BNA_M
 ClientSampleId :

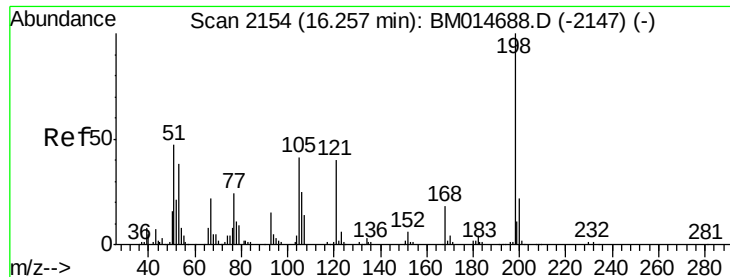
Tot Ion:204 Resp: 783418
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.2 39.4
 141 61.8 54.6 81.8



#60
 4-Nitroaniline
 Concen: 22.787 ng/ul
 RT: 16.20 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

Tgt Ion:138 Resp: 318927
 Ion Ratio Lower Upper
 138 100
 92 50.7 40.6 60.8
 108 74.0 67.0 100.6

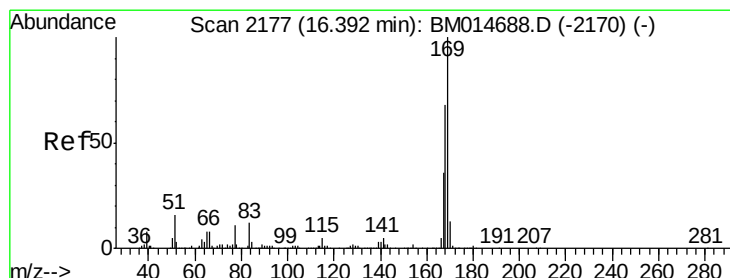
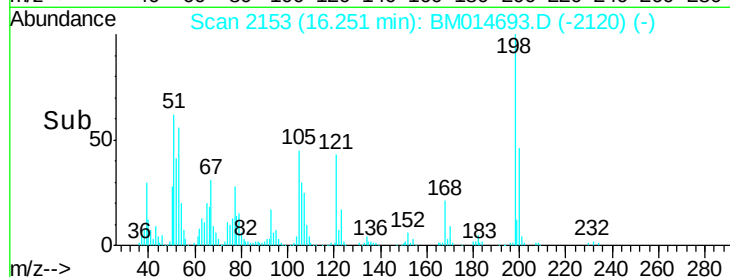
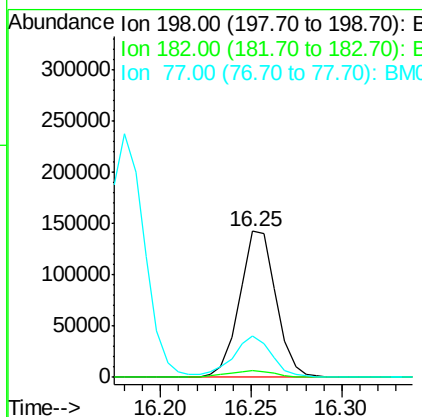
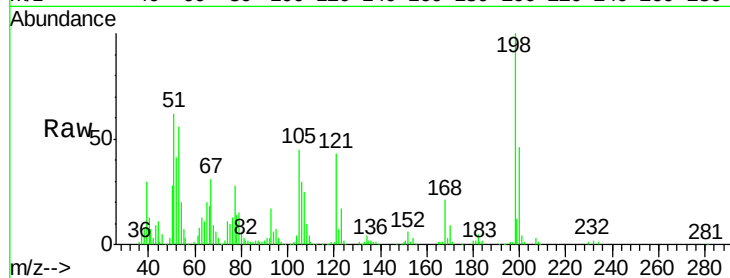




#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.683 ng/ul
 RT: 16.25 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

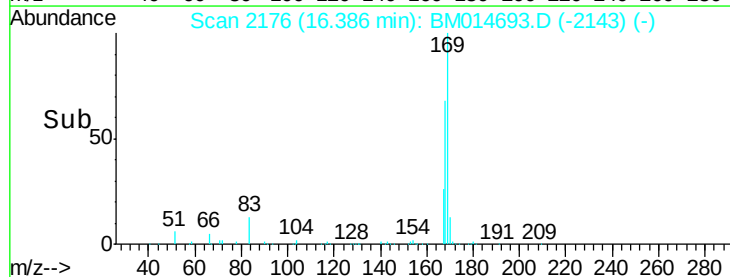
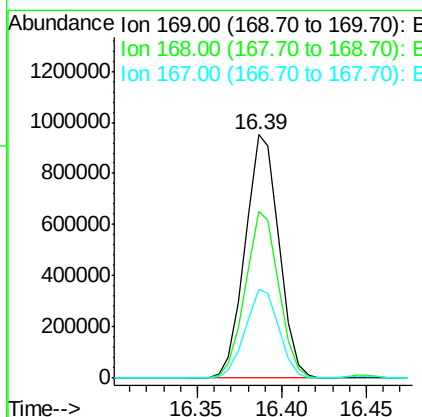
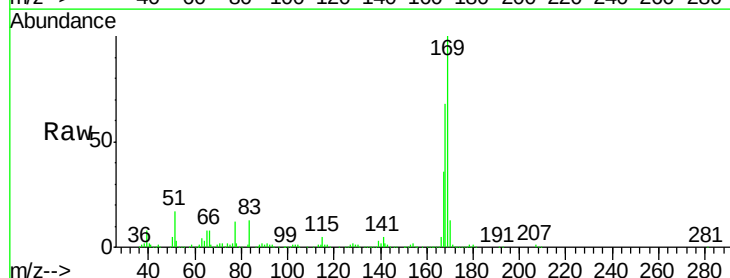
Instrument :
 BNA_M
 ClientSampleId :

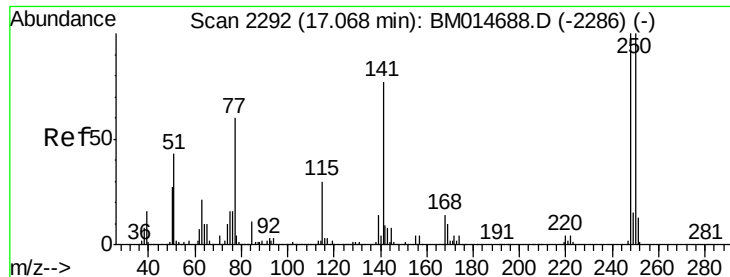
Tot Ion:198 Resp: 198763
 Ion Ratio Lower Upper
 198 100
 182 4.6 3.1 4.7
 77 27.9 20.1 30.1



#64
 N-Nitrosodiphenylamine
 Concen: 20.184 ng/ul
 RT: 16.39 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BM014693.D
 Acq: 13 Apr 2018 09:30

Tgt Ion:169 Resp: 1321513
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.8 80.8
 167 36.4 29.3 43.9

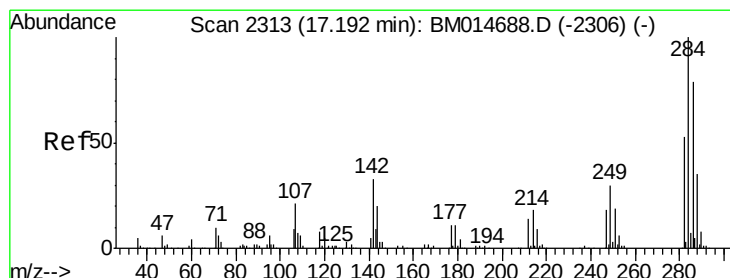
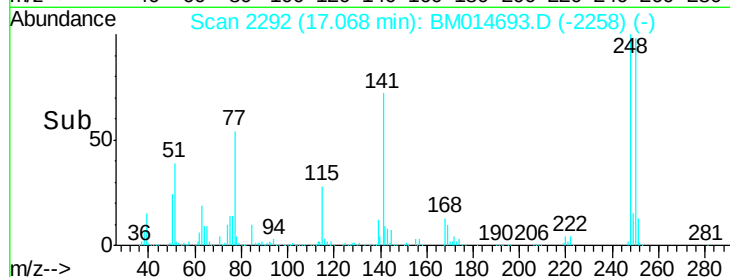
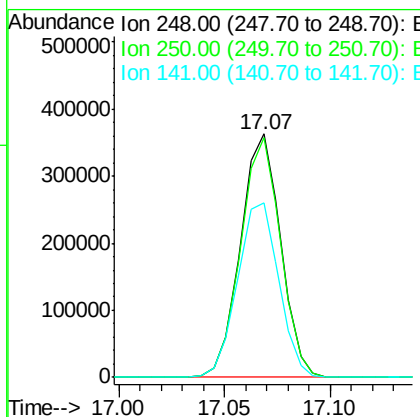
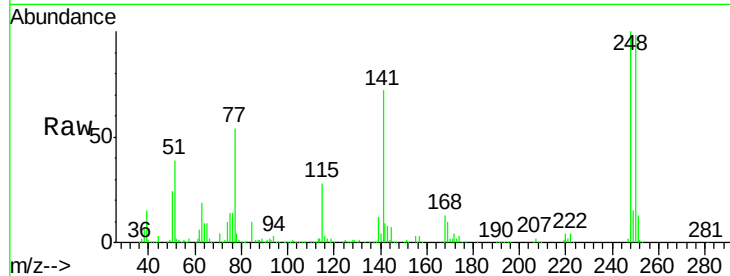




#65
4-Bromophenyl-phenylether
Concen: 19.461 ng/ul
RT: 17.07 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BM014693.D
Acq: 13 Apr 2018 09:30

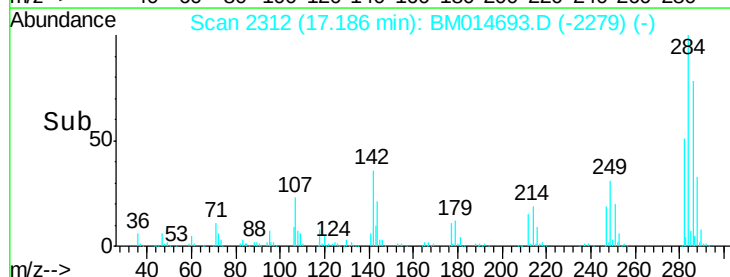
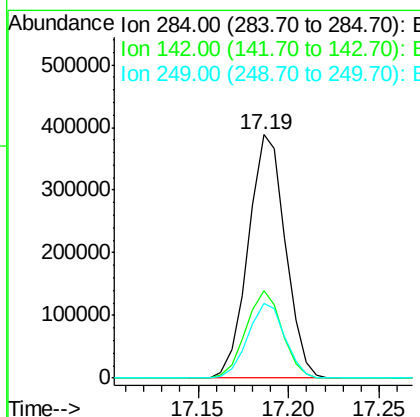
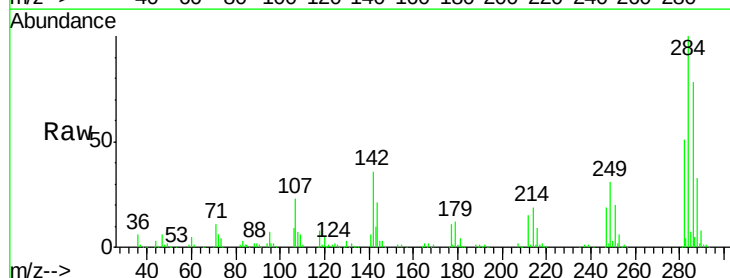
Instrument :
BNA_M
ClientSampled :

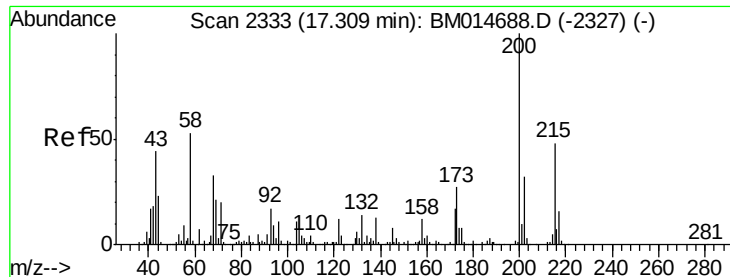
Tot Ion:248 Resp: 478145
Ion Ratio Lower Upper
248 100
250 98.3 78.7 118.1
141 71.6 72.2 108.2#



#66
Hexachlorobenzene
Concen: 20.055 ng/ul
RT: 17.19 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BM014693.D
Acq: 13 Apr 2018 09:30

Tgt Ion:284 Resp: 550960
Ion Ratio Lower Upper
284 100
142 35.7 33.1 49.7
249 30.8 27.1 40.7





#67

Atrazine

Concen: 19.906 ng/ul

RT: 17.31 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

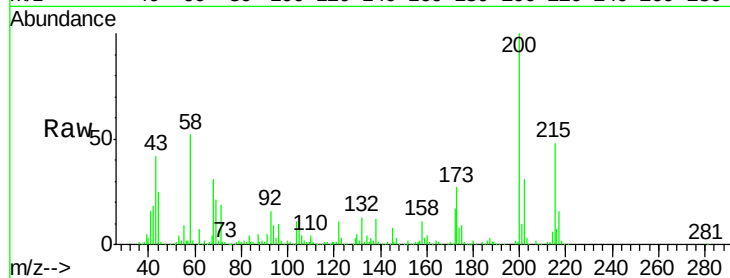
Tot Ion:200 Resp: 453951

Ion Ratio Lower Upper

200 100

173 26.6 21.6 32.4

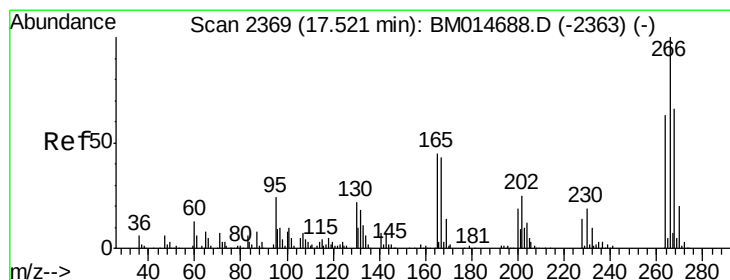
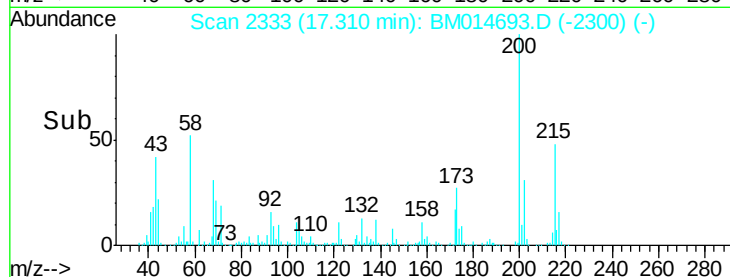
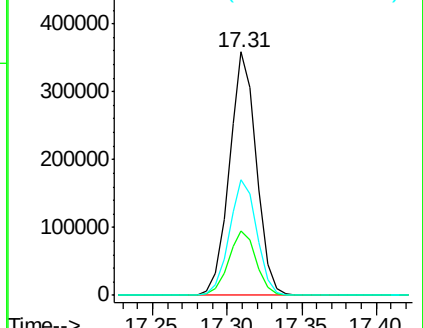
215 47.6 37.0 55.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 18.671 ng/ul

RT: 17.52 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

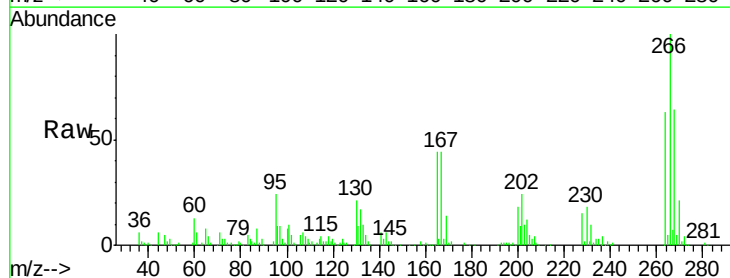
Tgt Ion:266 Resp: 269557

Ion Ratio Lower Upper

266 100

264 62.7 50.5 75.7

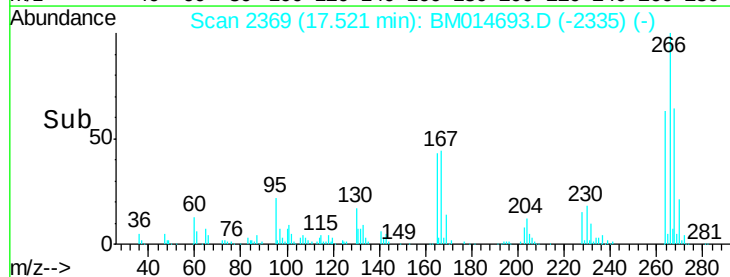
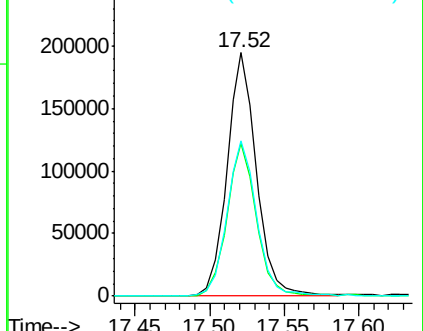
268 63.8 50.9 76.3

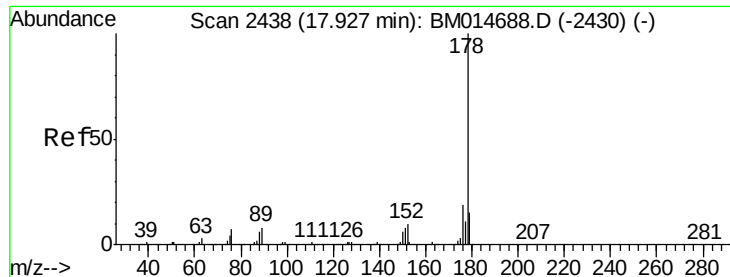


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.750 ng/ul

RT: 17.92 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

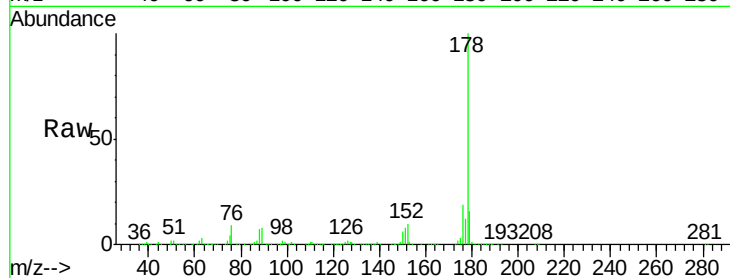
Tot Ion:178 Resp: 2436377

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

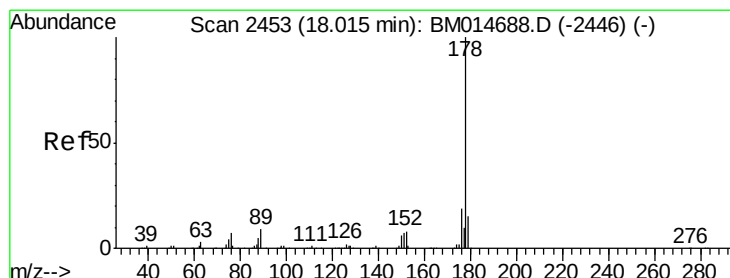
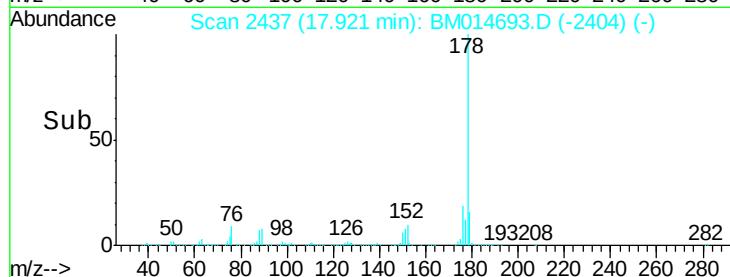
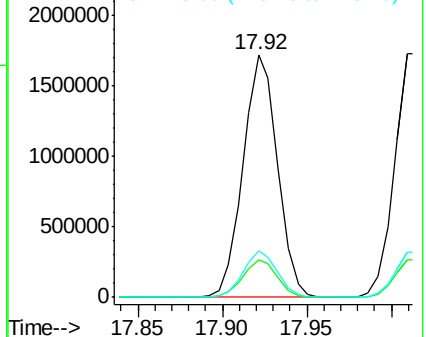
176 19.1 15.6 23.4



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: 20.986 ng/ul

RT: 18.02 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

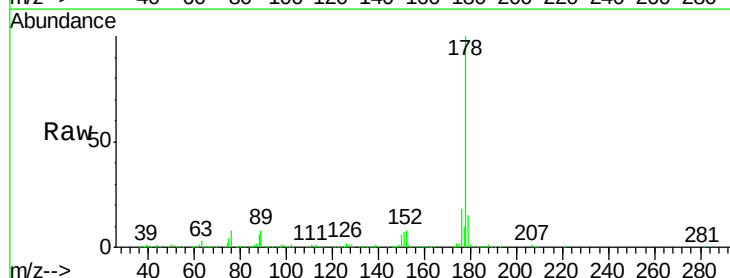
Tgt Ion:178 Resp: 2508824

Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

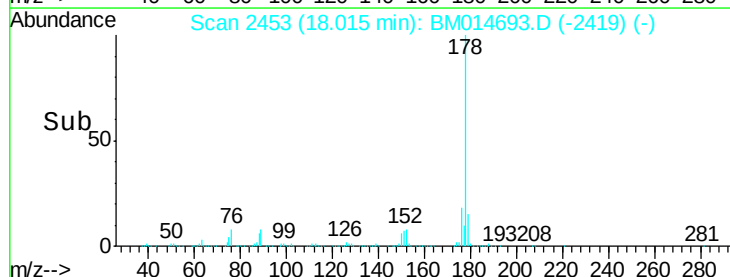
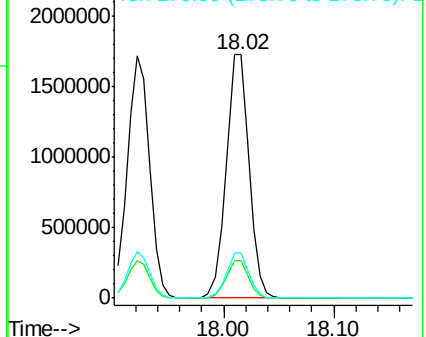
176 18.5 14.8 22.2

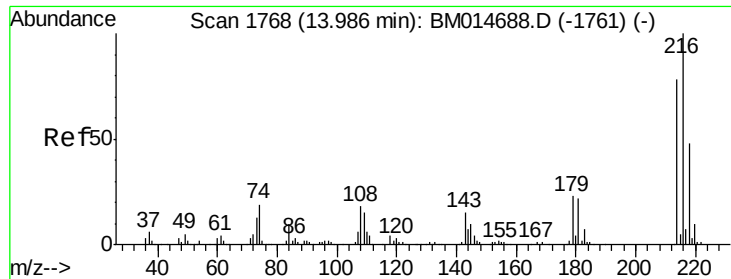


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 19.135 ng/uL

RT: 13.99 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

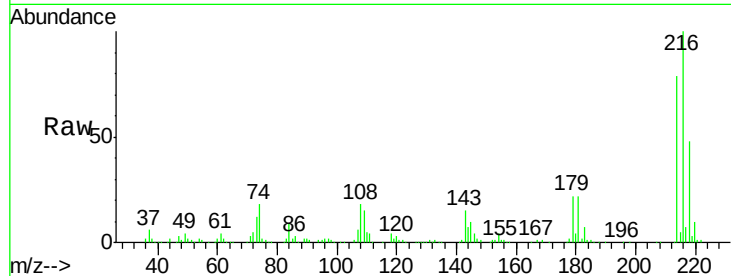
Tot Ion:216 Resp: 642922

Ion Ratio Lower Upper

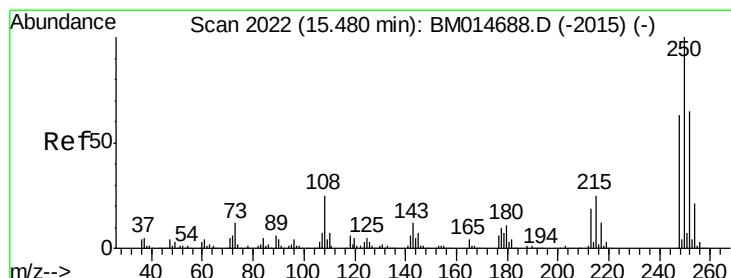
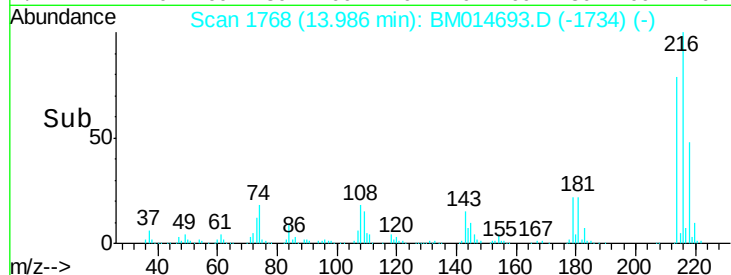
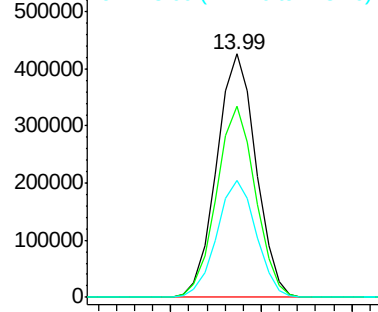
216 100

214 78.7 62.5 93.7

218 47.8 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 19.508 ng/uL

RT: 15.48 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

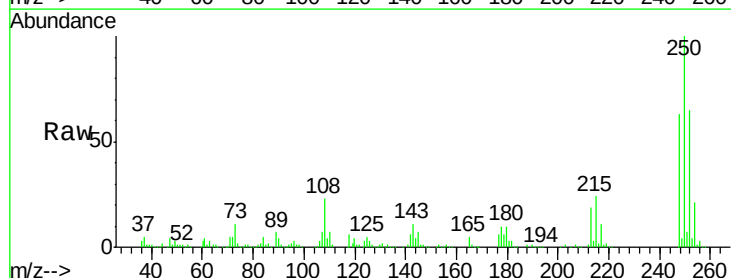
Tgt Ion:250 Resp: 631429

Ion Ratio Lower Upper

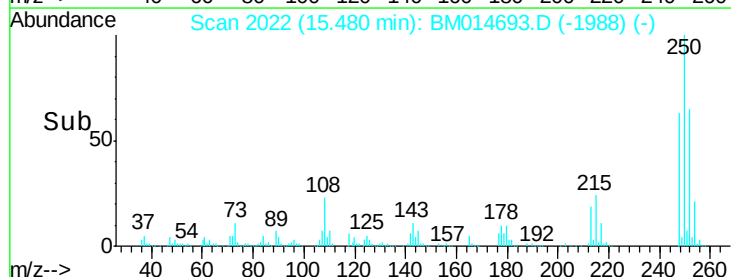
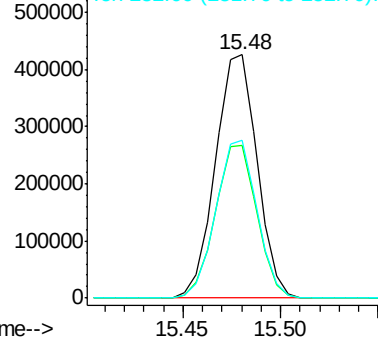
250 100

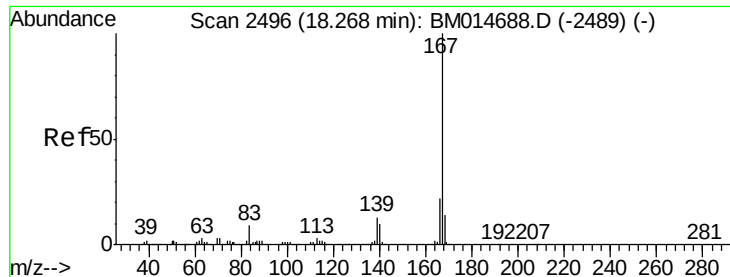
248 62.8 50.6 75.8

252 64.8 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 21.725 ng/ul

RT: 18.27 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

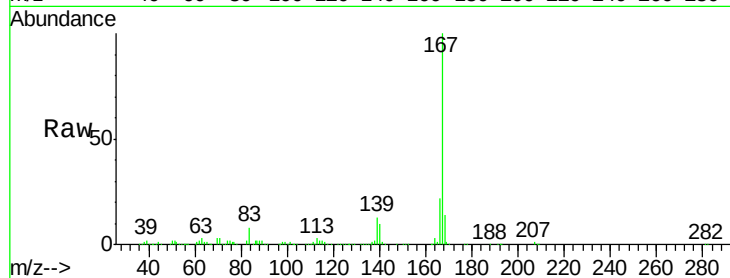
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 2150059

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	12.9	11.0	16.4

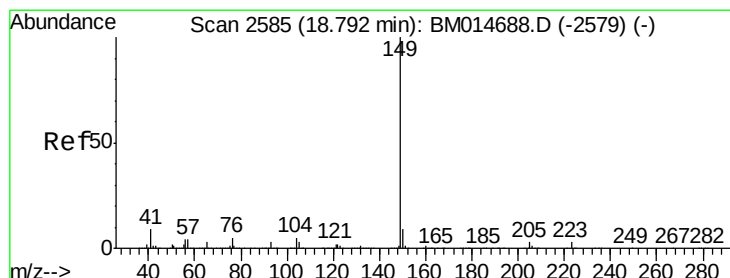
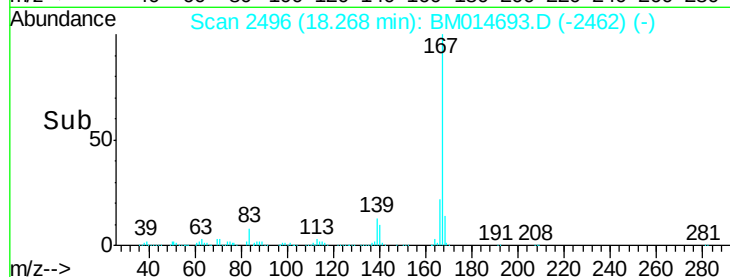
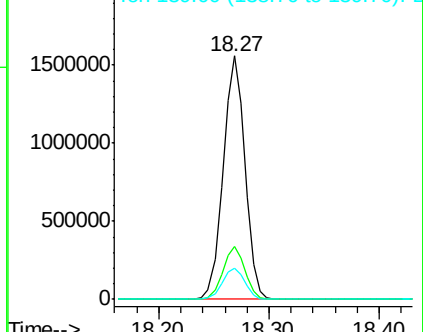


Abundance

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



#75

Di-n-butylphthalate

Concen: 20.666 ng/ul

RT: 18.79 min Scan# 2585

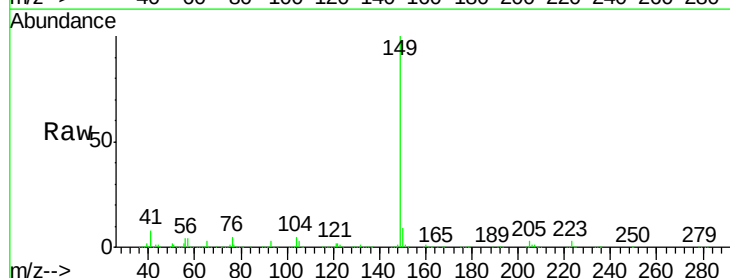
Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Tgt Ion:149 Resp: 2539036

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.0	6.0

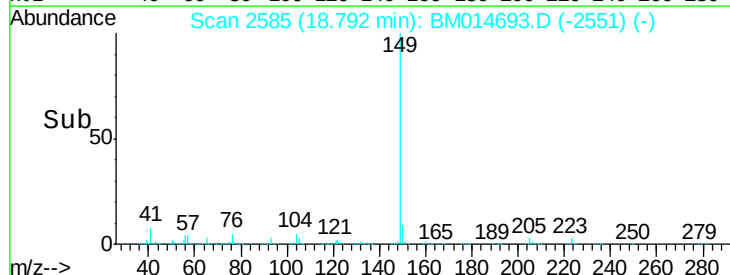
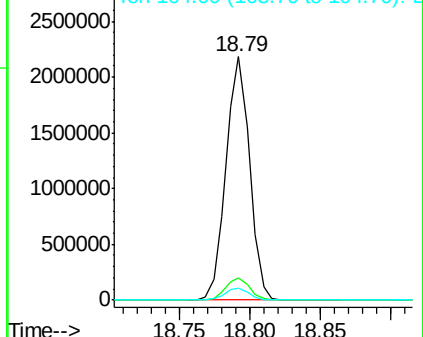


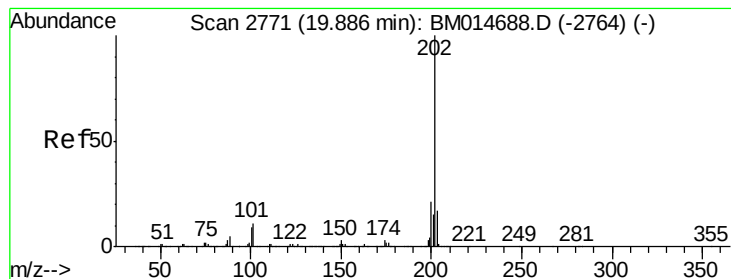
Abundance

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





#76

Fluoranthene

Concen: 22.749 ng/ul

RT: 19.89 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

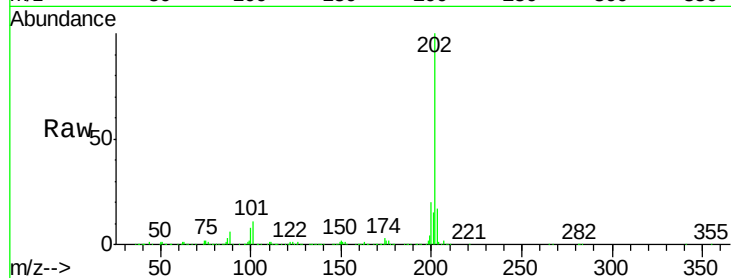
Tot Ion:202 Resp: 2762545

Ion Ratio Lower Upper

202 100

101 10.8 8.8 13.2

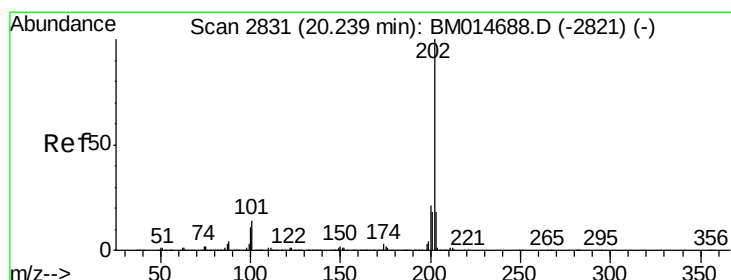
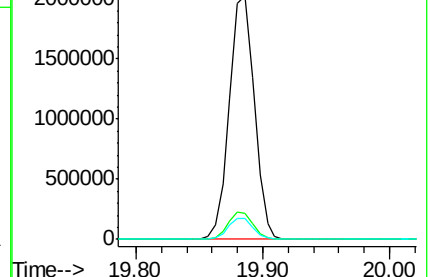
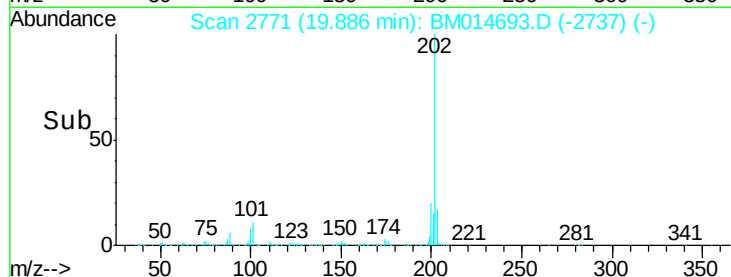
100 8.3 6.6 9.8



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



#79

Pyrene

Concen: 19.749 ng/ul

RT: 20.24 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

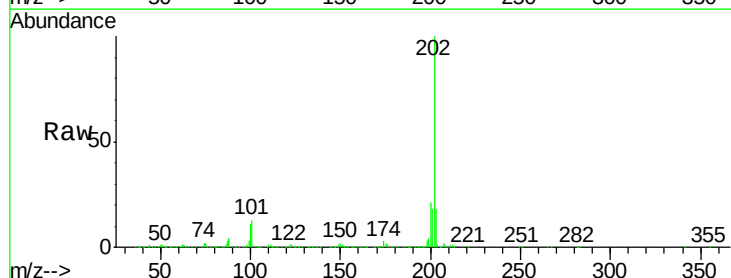
Tgt Ion:202 Resp: 2848490

Ion Ratio Lower Upper

202 100

101 13.1 10.2 15.2

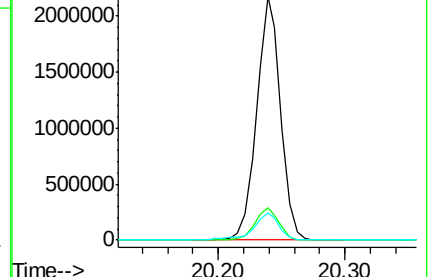
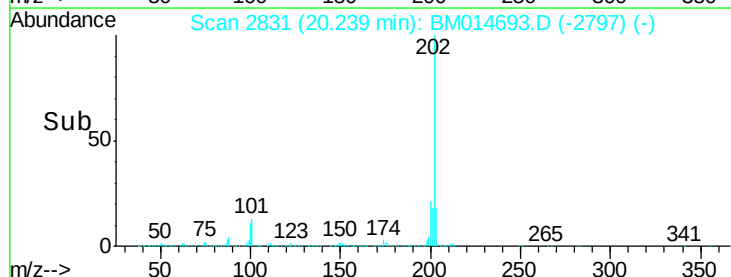
100 11.2 8.5 12.7

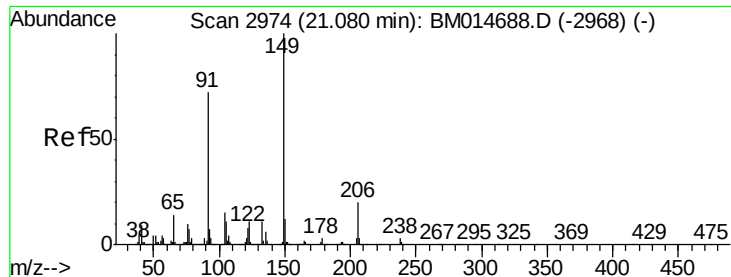


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

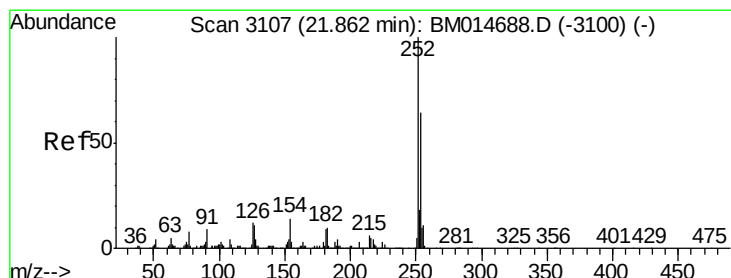
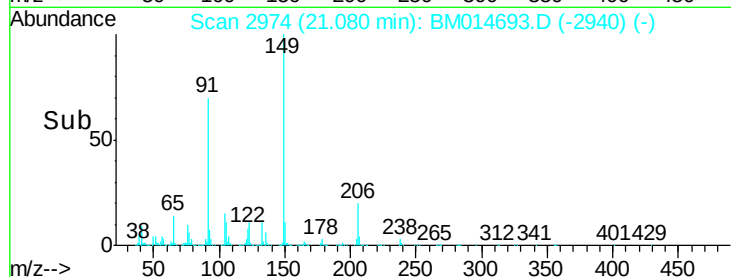
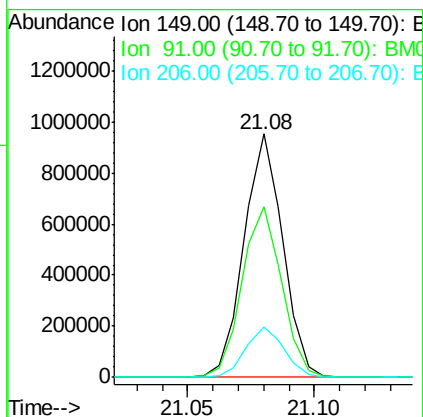
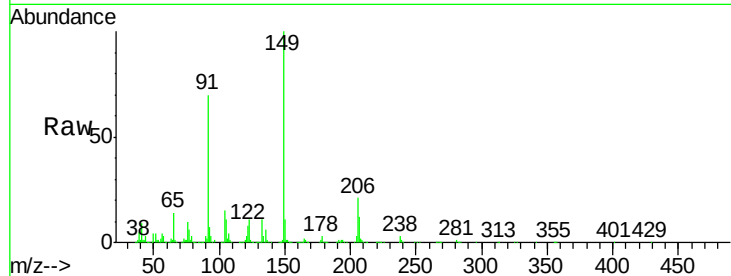




#80
Butylbenzylphthalate
Concen: 19.998 ng/ul
RT: 21.08 min Scan# 2974
Delta R.T. 0.00 min
Lab File: BM014693.D
Acq: 13 Apr 2018 09:30

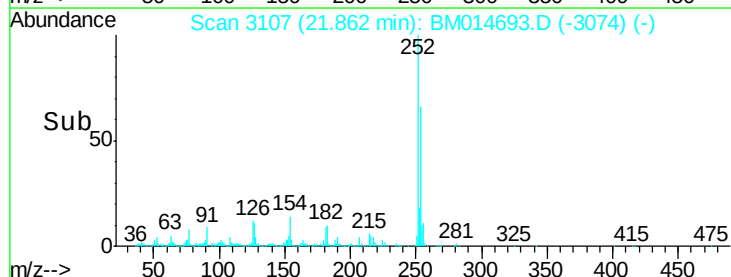
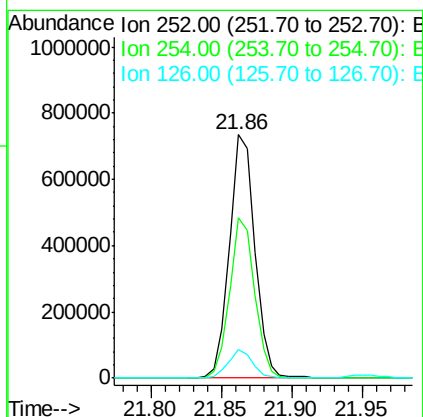
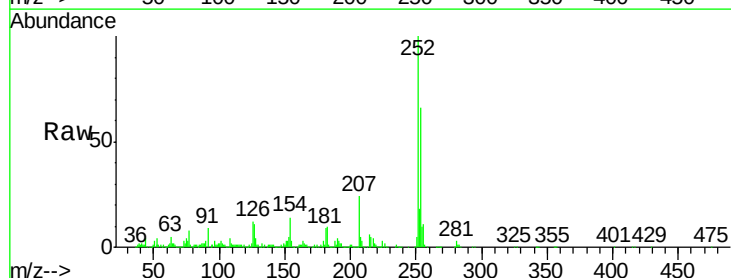
Instrument :
BNA_M
ClientSampleId :

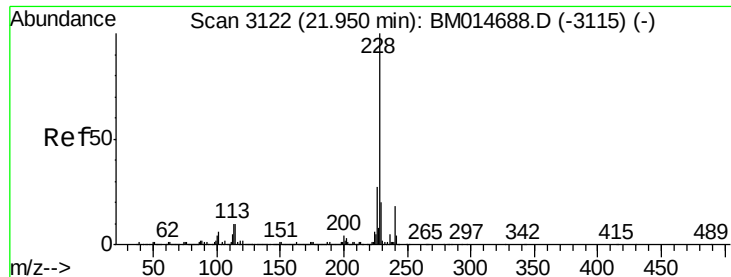
Tot Ion:149 Resp: 1009534
Ion Ratio Lower Upper
149 100
91 70.3 53.4 80.2
206 20.5 16.6 24.8



#81
3,3'-Dichlorobenzidine
Concen: 22.194 ng/ul
RT: 21.86 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM014693.D
Acq: 13 Apr 2018 09:30

Tgt Ion:252 Resp: 927356
Ion Ratio Lower Upper
252 100
254 66.1 52.2 78.2
126 11.9 9.4 14.2

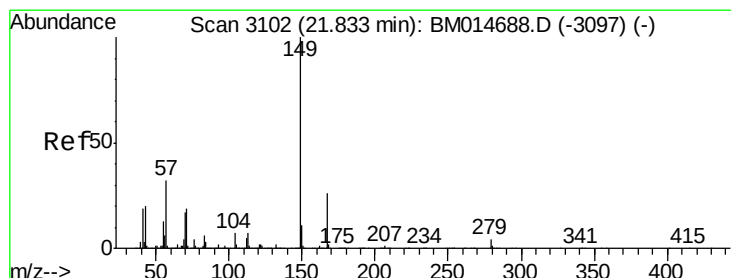
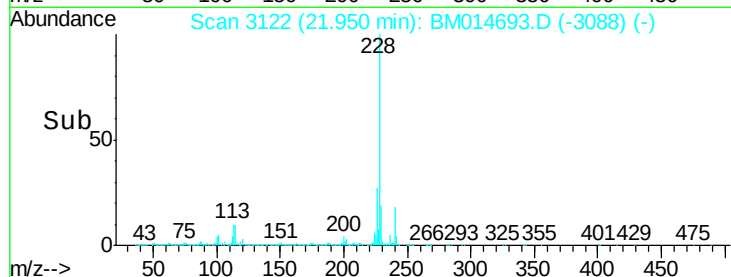
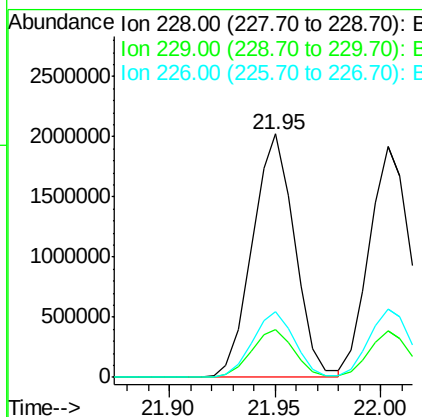
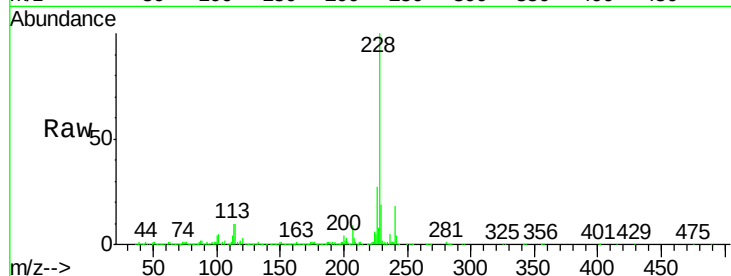




#82
Benzo(a)anthracene
Concen: 20.813 ng/ul
RT: 21.95 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM014693.D
Acq: 13 Apr 2018 09:30

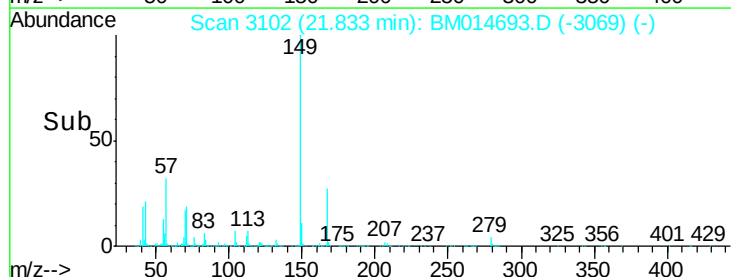
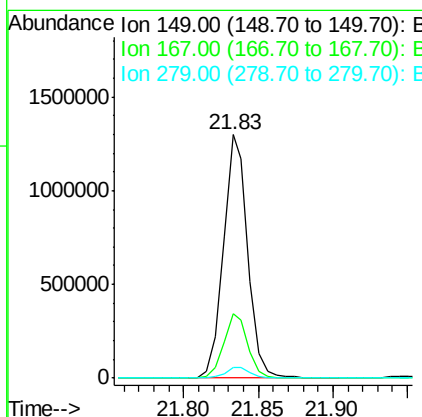
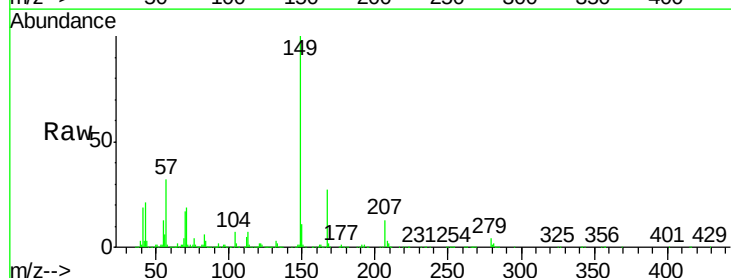
Instrument :
BNA_M
ClientSampled :

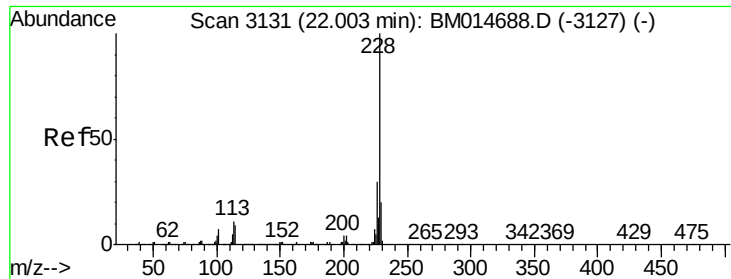
Tot Ion:228 Resp: 2817482
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 27.0 21.8 32.6



#83
Bis(2-ethylhexyl)phthalate
Concen: 19.632 ng/ul
RT: 21.83 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM014693.D
Acq: 13 Apr 2018 09:30

Tgt Ion:149 Resp: 1477960
Ion Ratio Lower Upper
149 100
167 26.6 21.6 32.4
279 4.2 3.0 4.4





#84

Chrysene

Concen: 20.531 ng/ul

RT: 22.00 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

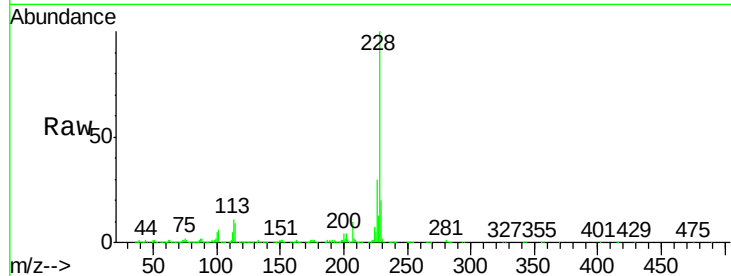
Tot Ion:228 Resp: 2595611

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

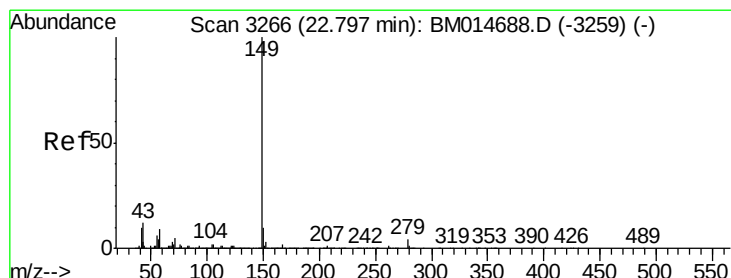
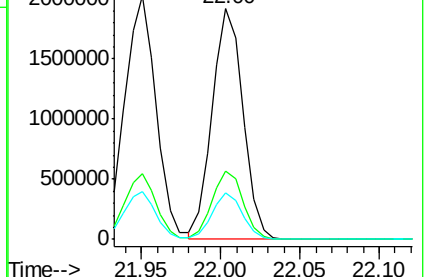
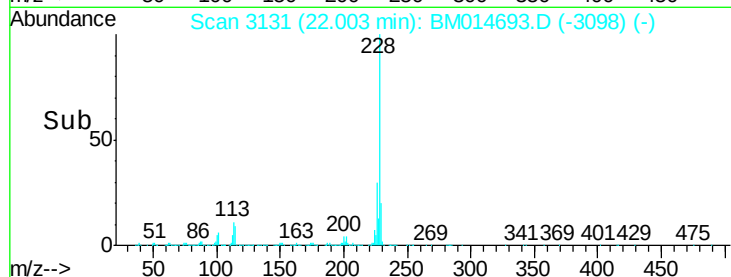
229 19.9 15.6 23.4



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



#86

Di-n-octyl phthalate

Concen: 18.490 ng/ul

RT: 22.80 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

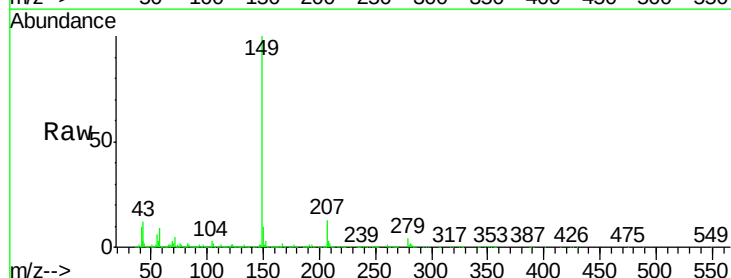
Tgt Ion:149 Resp: 2276442

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

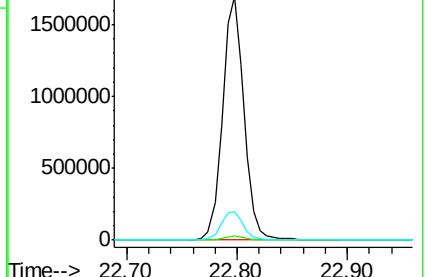
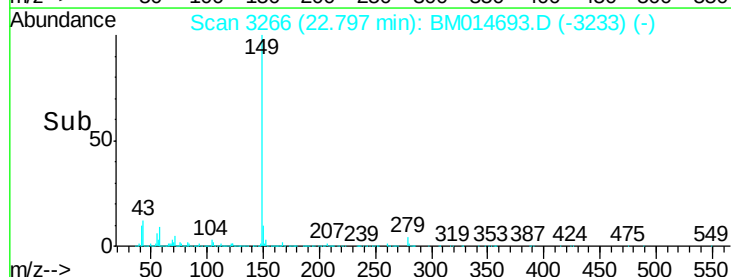
43 11.6 5.6 8.4#

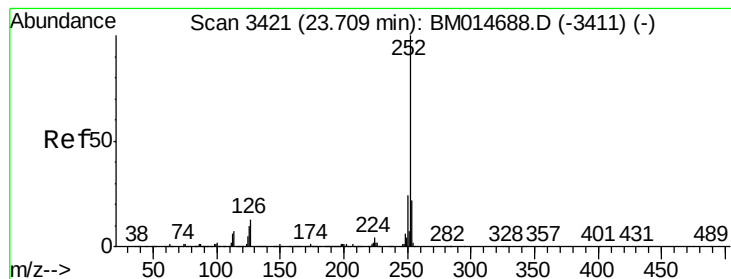


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#87

Benzo(b)fluoranthene

Concen: 20.622 ng/ul

RT: 23.71 min Scan# 3421

Delta R.T. 0.00 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

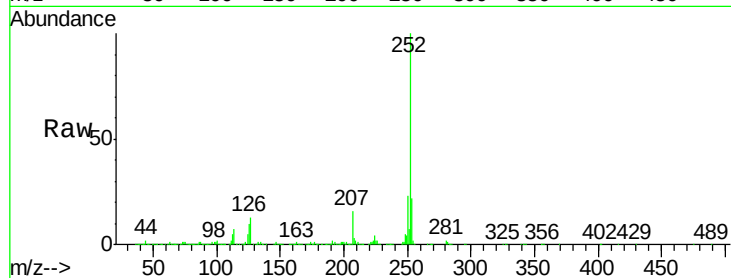
Tot Ion:252 Resp: 2597056

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

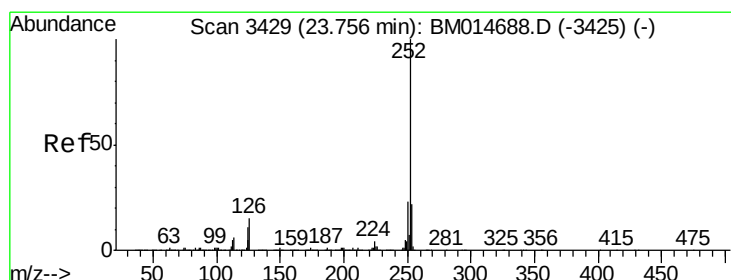
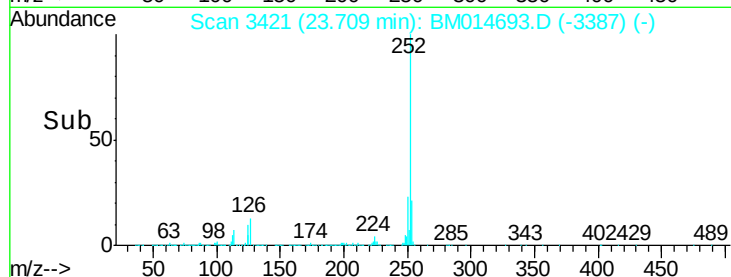
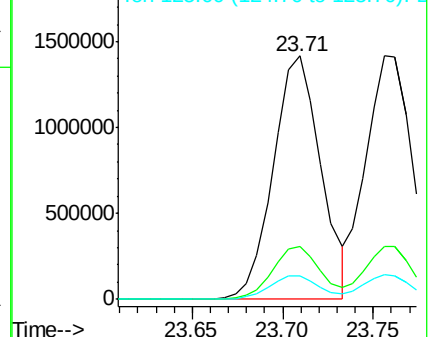
125 9.9 8.5 12.7



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



#88

Benzo(k)fluoranthene

Concen: 20.986 ng/ul

RT: 23.76 min Scan# 3429

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

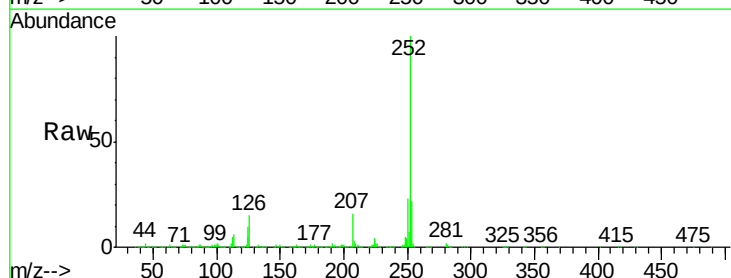
Tgt Ion:252 Resp: 2543409

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

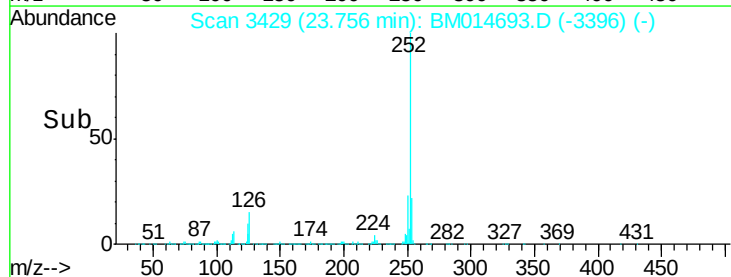
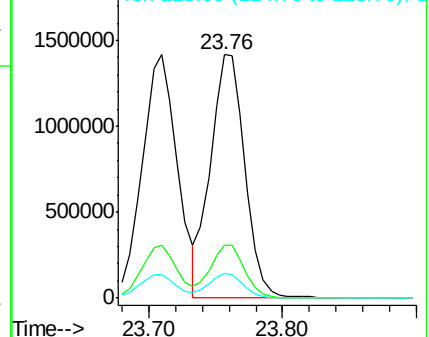
125 10.2 8.2 12.2

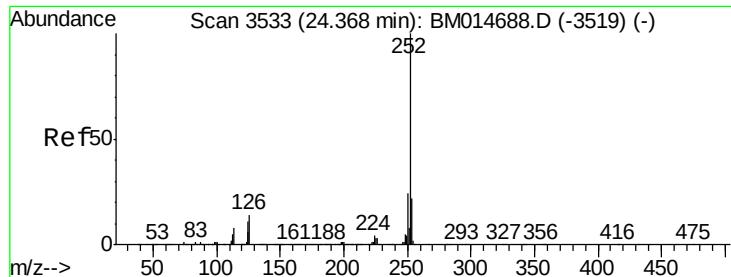


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.620 ng/ul

RT: 24.37 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Instrument :

BNA_M

ClientSampleId :

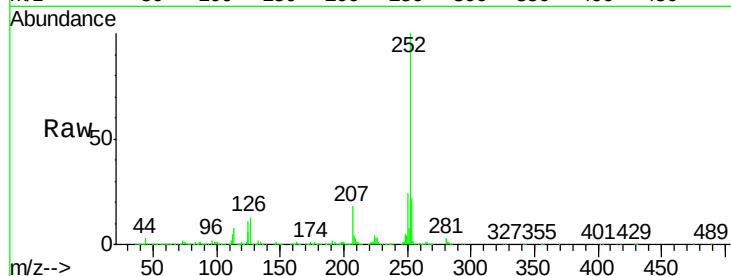
Tot Ion:252 Resp: 2430529

Ion Ratio Lower Upper

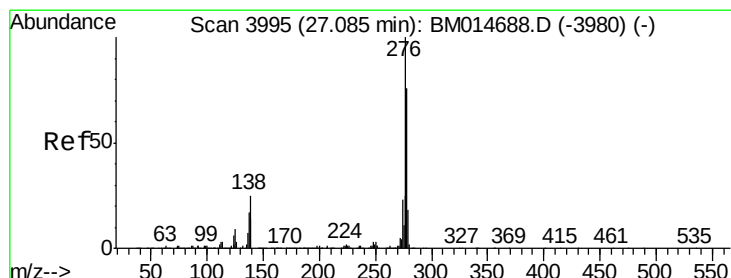
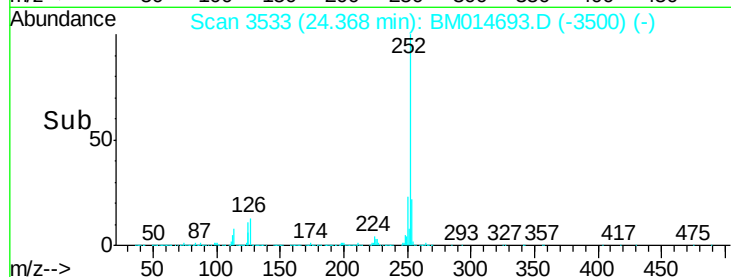
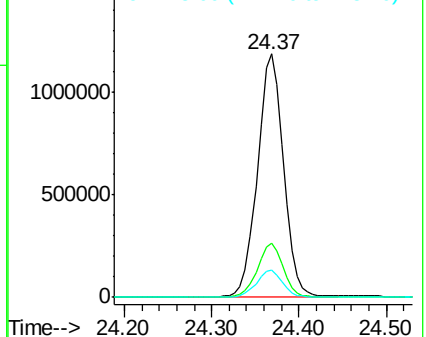
252 100

253 22.2 17.2 25.8

125 11.0 9.0 13.6



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 19.240 ng/ul

RT: 27.09 min Scan# 3995

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

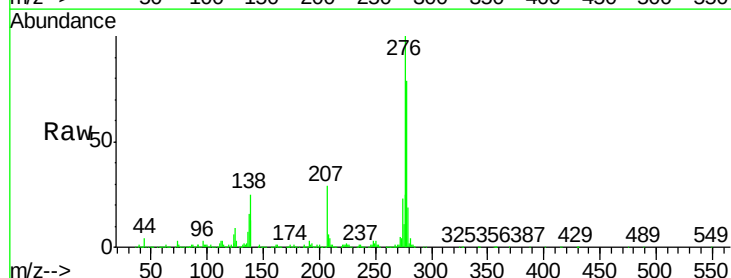
Tgt Ion:276 Resp: 2543390

Ion Ratio Lower Upper

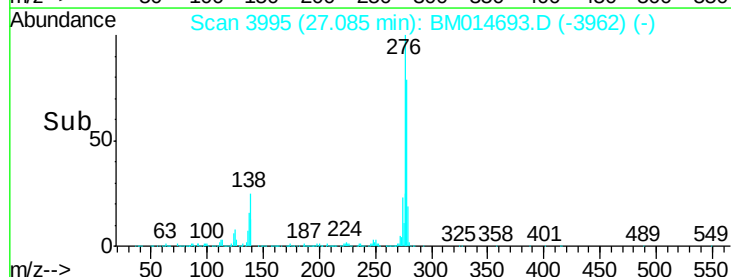
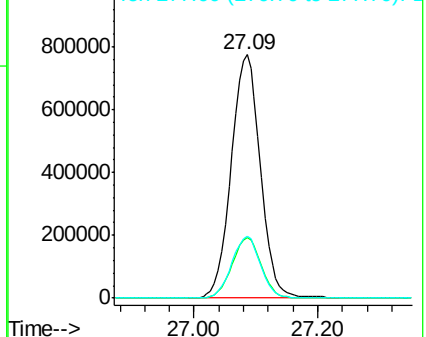
276 100

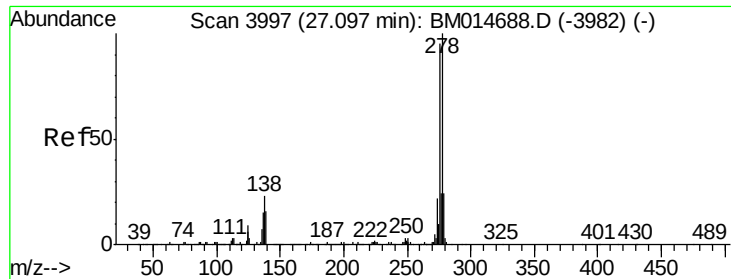
138 25.1 22.3 33.5

277 25.2 20.2 30.2



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





#92

Dibenzo(a,h)anthracene

Concen: 19.192 ng/ul

RT: 27.10 min Scan# 3997

Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

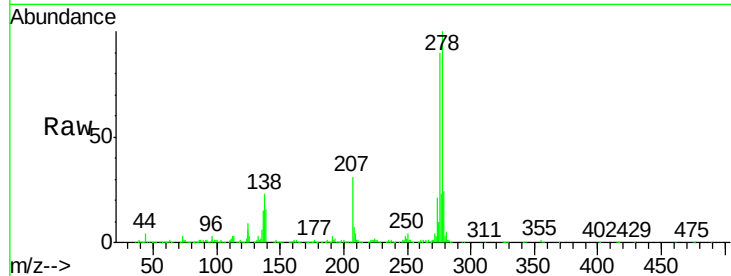
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 2127409

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.9	20.9
279	23.9	19.0	28.4

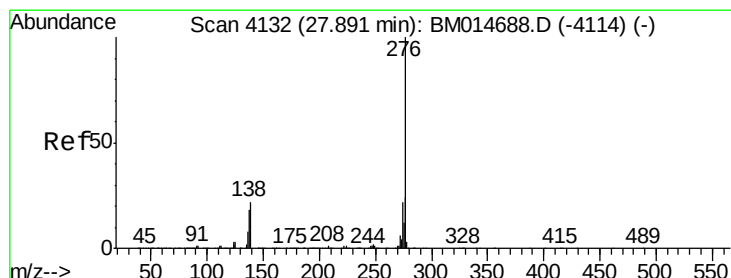
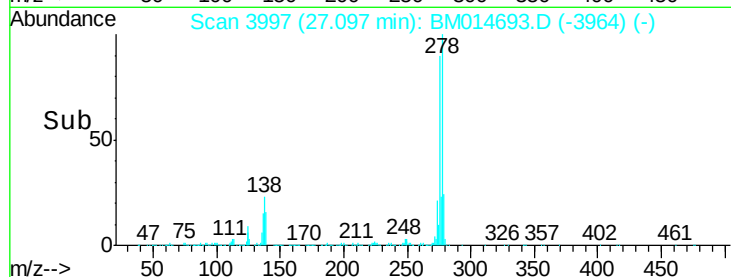
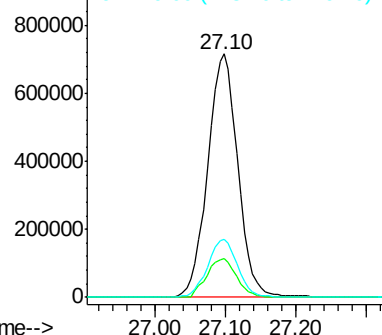


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 18.899 ng/ul

RT: 27.89 min Scan# 4131

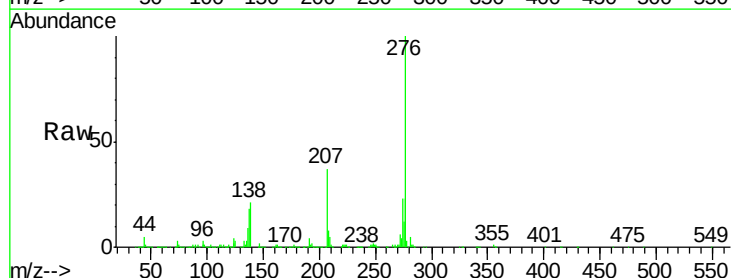
Delta R.T. -0.01 min

Lab File: BM014693.D

Acq: 13 Apr 2018 09:30

Tgt Ion:276 Resp: 2031071

Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.9	28.3
277	23.4	19.2	28.8



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

