

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
 Data File : BM014297.D
 Acq On : 19 Feb 2018 16:30
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 20 01:06:50 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 17 06:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	61987	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	307289	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	231635	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	620591	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	704148	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	583085	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	13996	9.66	ng/uL	0.00
5) Phenol-d5	6.72	99	100391	19.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	63076	19.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	83635	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	91249	19.91	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	42000	18.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	45720	19.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	91914	18.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	109002	22.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	375466	19.63	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	472915	20.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	42525	16.10	ng/ul	0.00
57) Fluorene-d10	15.19	176	353901	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	66563	17.88	ng/ul	0.00
70) Anthracene-d10	17.04	188	608945	20.34	ng/ul	0.00
76) Pyrene-d10	19.35	212	703058	19.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	568003	20.02	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.14	88	13771	8.559	ng/uL#	73
4) Benzaldehyde	6.70	77	49192	23.030	ng/ul	91
6) Phenol	6.75	94	106025	19.286	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.97	93	78319	19.634	ng/ul#	84
10) 2-Chlorophenol	7.10	128	81234	19.805	ng/ul	97
11) 2-Methylphenol	7.99	108	81473	19.376	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.06	45	81492	20.244	ng/ul#	78
14) Acetophenone	8.36	105	156840	19.831	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.34	70	84648	21.358	ng/ul#	80
16) 4-Methylphenol	8.32	108	88137	19.235	ng/ul	98
17) Hexachloroethane	8.58	117	45985	21.522	ng/ul#	73
20) Nitrobenzene	8.73	77	128257	19.097	ng/ul#	89
21) Isophorone	9.25	82	230030	20.024	ng/ul	98
23) 2-Nitrophenol	9.43	139	52977	20.811	ng/ul	91
24) 2,4-Dimethylphenol	9.50	107	128869	20.649	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.73	93	118947	19.657	ng/ul	97
27) 2,4-Dichlorophenol	9.97	162	90356	19.562	ng/ul#	89
28) Naphthalene	10.35	128	313295	19.851	ng/ul	99
30) 4-Chloroaniline	10.49	127	110945	22.682	ng/ul	96
31) Hexachlorobutadiene	10.62	225	78900	21.530	ng/ul	97
32) Caprolactam	11.27	113	21245	14.360	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.62	107	114884	20.584	ng/ul	98
34) 2-Methylnaphthalene	11.97	142	244615	20.363	ng/ul	99

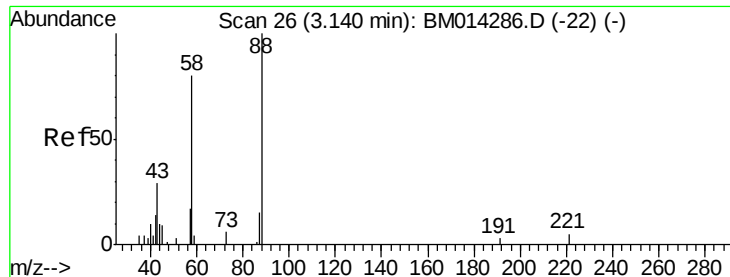
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	145551	19.575	ng/ul#	94
37) Hexachlorocyclopentadiene	12.32	237	69635	17.209	ng/ul	95
38) 2,4,6-Trichlorophenol	12.61	196	90543	19.518	ng/ul	93
39) 2,4,5-Trichlorophenol	12.69	196	90215	19.030	ng/ul	93
40) 1,1'-Biphenyl	13.01	154	357280	20.023	ng/ul	99
41) 2-Chloronaphthalene	13.05	162	277622	19.477	ng/ul	93
42) 2-Nitroaniline	13.28	65	96688	20.047	ng/ul	93
44) Dimethylphthalate	13.66	163	371069	19.672	ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	75866	21.170	ng/ul#	73
47) Acenaphthylene	13.90	152	441630	19.809	ng/ul	100
48) 3-Nitroaniline	14.13	138	55666	18.327	ng/ul#	86
49) Acenaphthene	14.25	153	323617	20.614	ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	29846	15.485	ng/ul#	65
52) 4-Nitrophenol	14.45	109	59813	17.274	ng/ul#	62
53) Dibenzofuran	14.59	168	480485	20.412	ng/ul	90
54) 2,4-Dinitrotoluene	14.59	165	119996	20.898	ng/ul#	49
55) 2,3,4,6-Tetrachlorophenol	14.83	232	97504	20.338	ng/ul#	70
56) Diethylphthalate	15.03	149	441819	21.020	ng/ul	93
58) Fluorene	15.24	166	412651	20.306	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.24	204	219178	20.620	ng/ul	90
60) 4-Nitroaniline	15.30	138	51808	15.209	ng/ul#	51
63) 4,6-Dinitro-2-methylphenol	15.36	198	68466	18.070	ng/ul#	87
64) N-Nitrosodiphenylamine	15.46	169	350411	19.649	ng/ul	97
65) 4-Bromophenyl-phenylether	16.14	248	138610	20.016	ng/ul#	87
66) Hexachlorobenzene	16.24	284	145881	20.032	ng/ul#	83
67) Atrazine	16.43	200	141536	20.096	ng/ul	99
68) Pentachlorophenol	16.60	266	67717	17.746	ng/ul	97
69) Phenanthrene	16.99	178	712621	19.930	ng/ul	98
71) Anthracene	17.08	178	720467	20.036	ng/ul	99
72) Carbazole	17.36	167	587158	19.419	ng/ul	98
73) Di-n-butylphthalate	17.92	149	810957	20.789	ng/ul	98
74) Fluoranthene	19.02	202	871771	20.407	ng/ul#	94
77) Pyrene	19.38	202	901091	19.256	ng/ul#	93
78) Butylbenzylphthalate	20.29	149	372647	19.260	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.08	252	203768	16.460	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	854510	19.445	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	560403	20.223	ng/ul#	95
82) Chrysene	21.19	228	796538	19.430	ng/ul	97
84) Di-n-octyl phthalate	21.93	149	885936	17.706	ng/ul#	93
85) Benzo(b)fluoranthene	22.68	252	750167	19.214	ng/ul	97
86) Benzo(k)fluoranthene	22.68	252	750167	20.209	ng/ul	99
88) Benzo(a)pyrene	23.23	252	694449	19.905	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.48	276	656641	19.396	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.49	278	542331	19.279	ng/ul#	97
91) Benzo(g,h,i)perylene	26.14	276	506469	18.467	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 8.559 ng/uL

RT: 3.14 min Scan# 26

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampled :

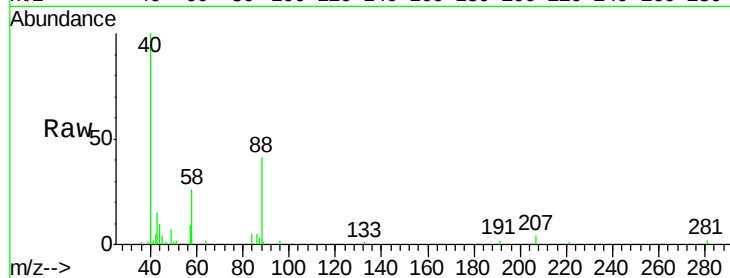
Tot Ion: 88 Resp: 13771

Ion Ratio Lower Upper

88 100

43 40.6 48.0 72.0#

58 72.9 80.0 120.0#

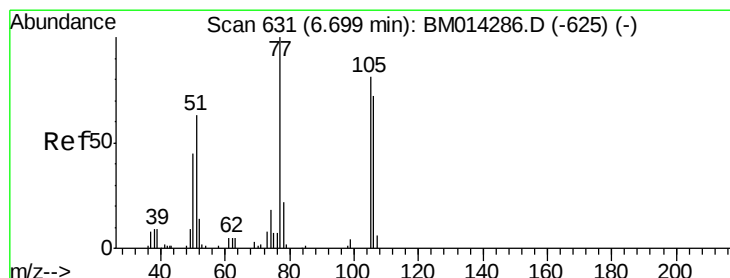
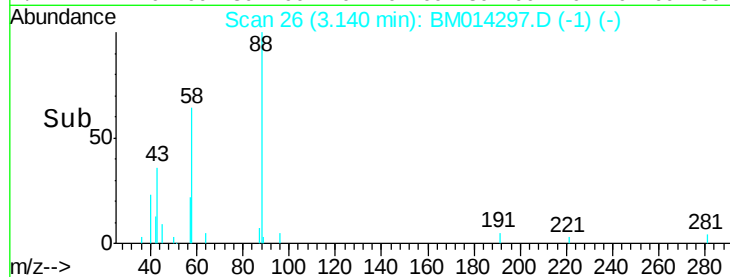
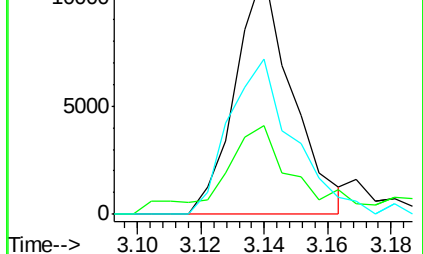


Abundance Ion 88.00 (87.70 to 88.70): BM014286.D (-22) (-)

Ion 43.00 (42.70 to 43.70): BM014286.D (-22) (-)

Ion 58.00 (57.70 to 58.70): BM014286.D (-22) (-)

Time-->



#4

Benzaldehyde

Concen: 23.030 ng/uL

RT: 6.70 min Scan# 631

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

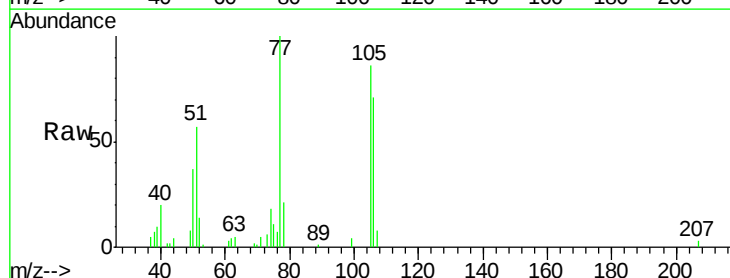
Tgt Ion: 77 Resp: 49192

Ion Ratio Lower Upper

77 100

105 85.8 66.1 99.1

106 71.4 67.8 101.6

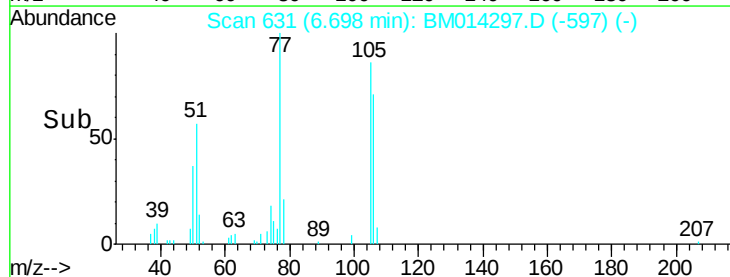
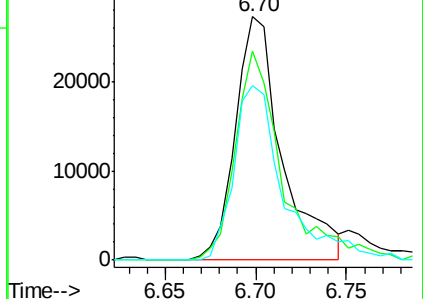


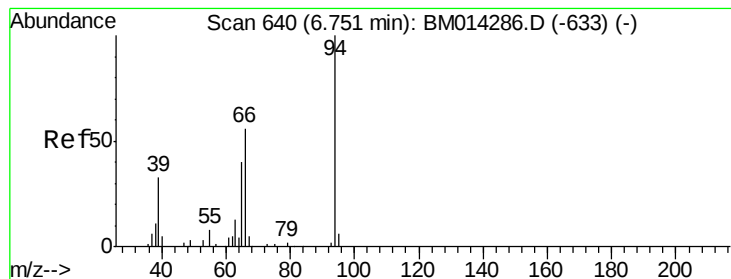
Abundance Ion 77.00 (76.70 to 77.70): BM014286.D (-625) (-)

Ion 105.00 (104.70 to 105.70): BM014286.D (-625) (-)

Ion 106.00 (105.70 to 106.70): BM014286.D (-625) (-)

Time-->





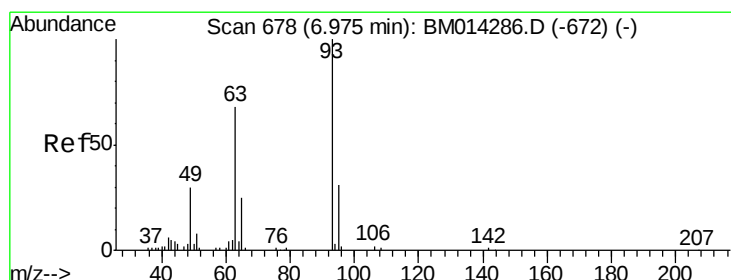
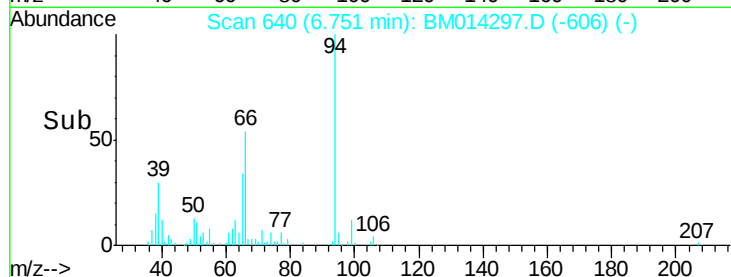
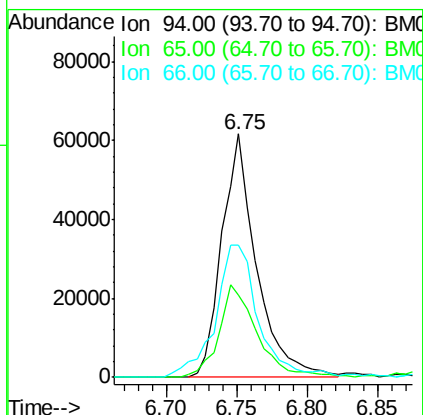
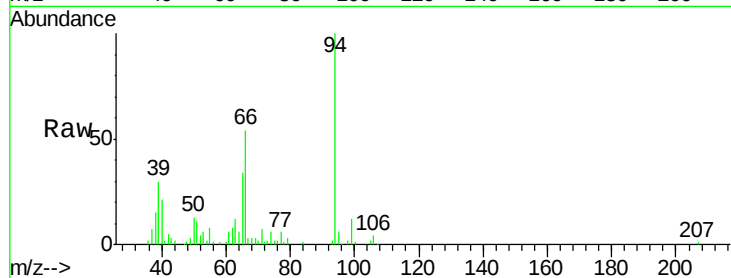
#6

Phenol

Concen: 19.286 ng/ul
 RT: 6.75 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.9	28.2	42.4
66	54.3	47.2	70.8

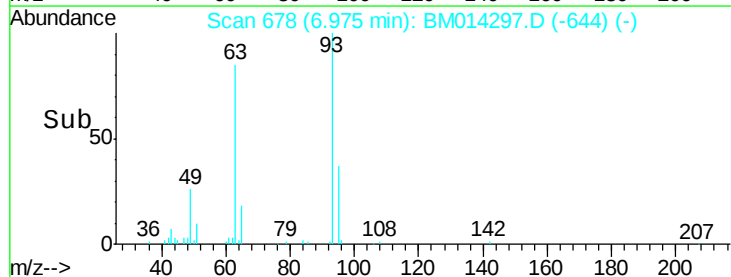
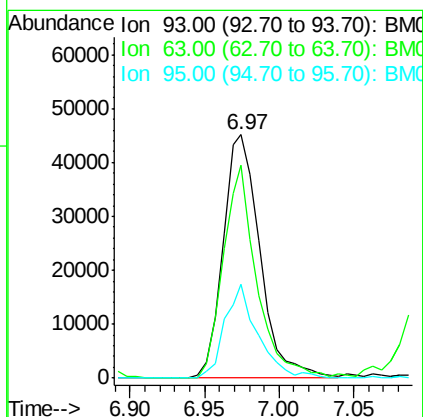
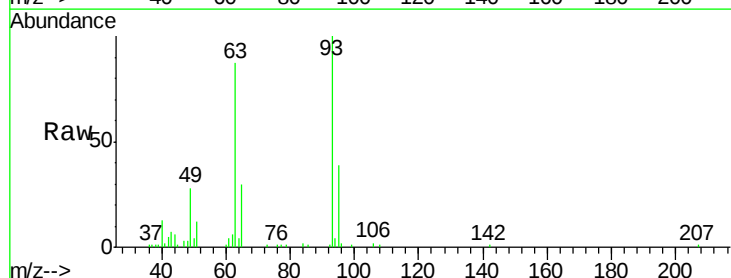


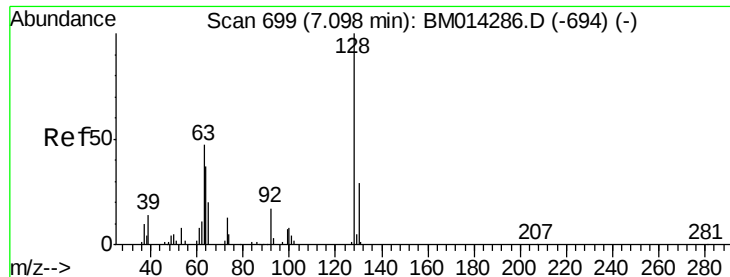
#8

Bis(2-Chloroethyl)ether

Concen: 19.634 ng/ul
 RT: 6.97 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.4	57.3	85.9#
95	38.6	26.6	39.8

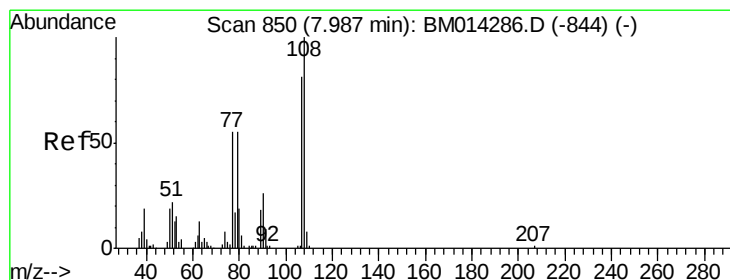
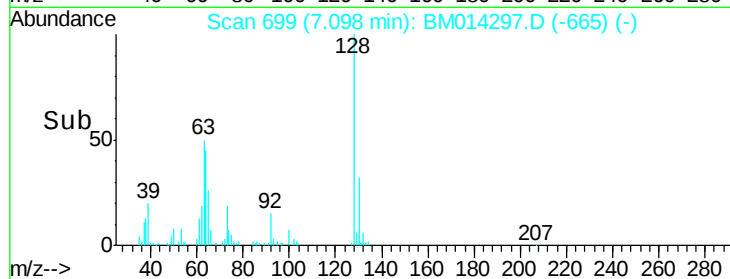
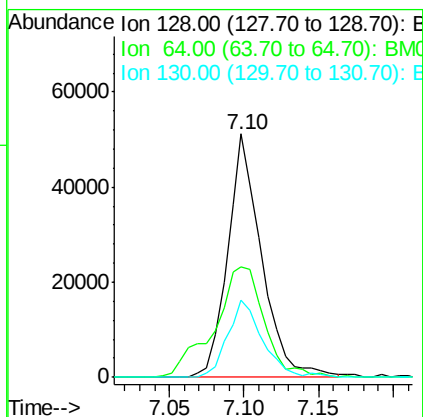
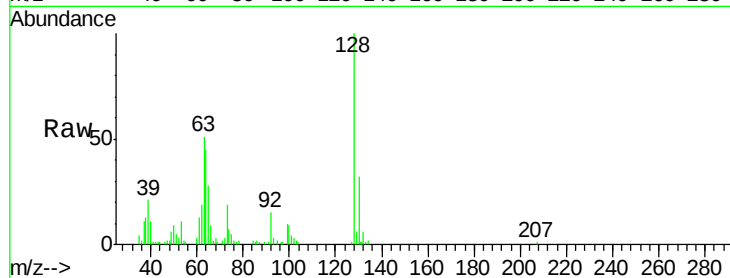




#10
 2-Chlorophenol
 Concen: 19.805 ng/ul
 RT: 7.10 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

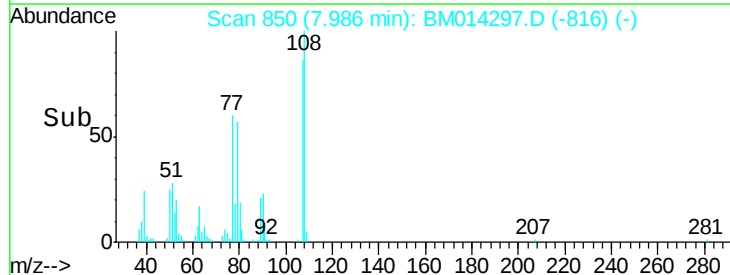
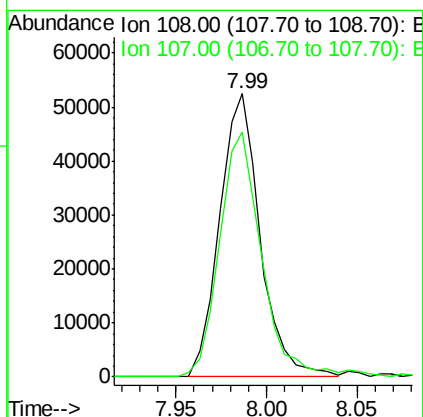
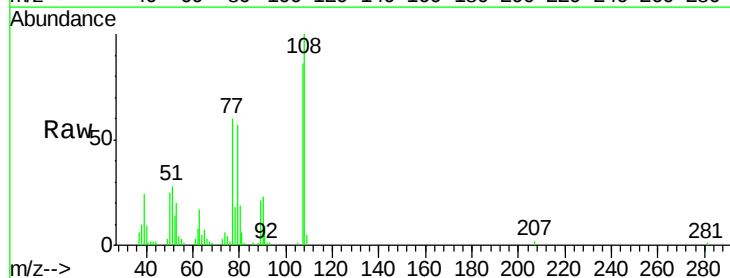
Instrument :
 BNA_M
 ClientSampleId :

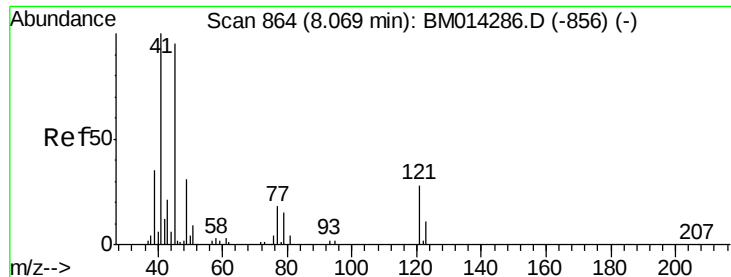
Tot Ion:128 Resp: 81234
 Ion Ratio Lower Upper
 128 100
 64 45.5 38.0 57.0
 130 31.6 24.4 36.6



#11
 2-Methylphenol
 Concen: 19.376 ng/ul
 RT: 7.99 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

Tgt Ion:108 Resp: 81473
 Ion Ratio Lower Upper
 108 100
 107 86.5 72.6 108.8

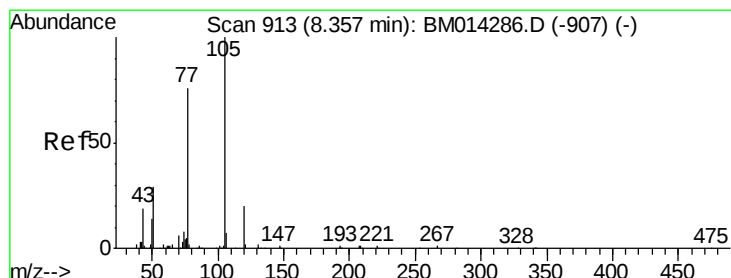
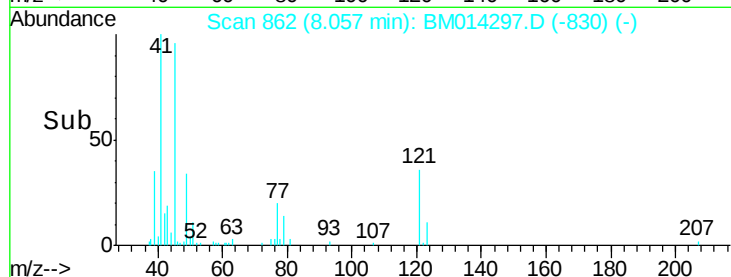
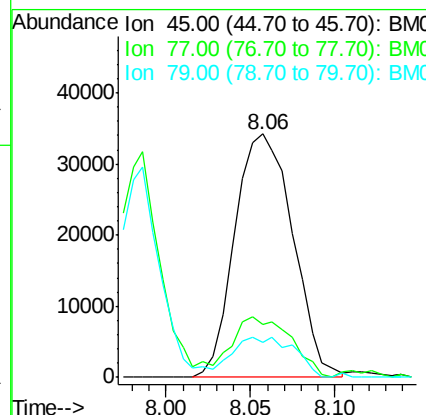
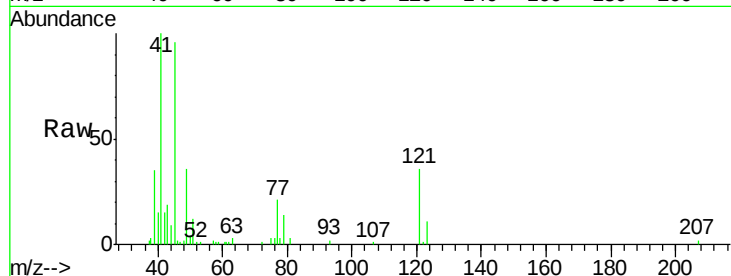




#12
 2,2'-oxvbis(1-Chloropropane)
 Concen: 20.244 ng/ul
 RT: 8.06 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

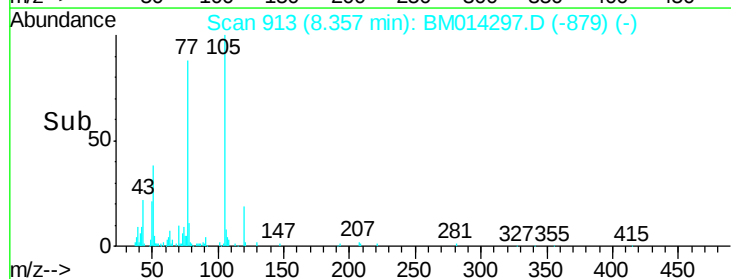
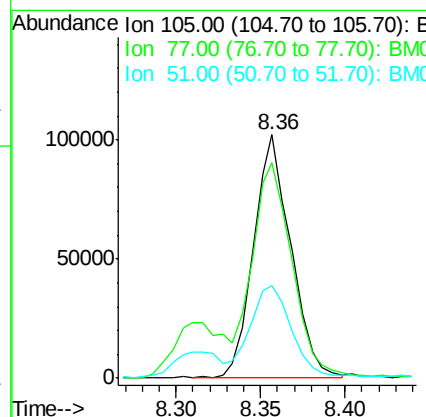
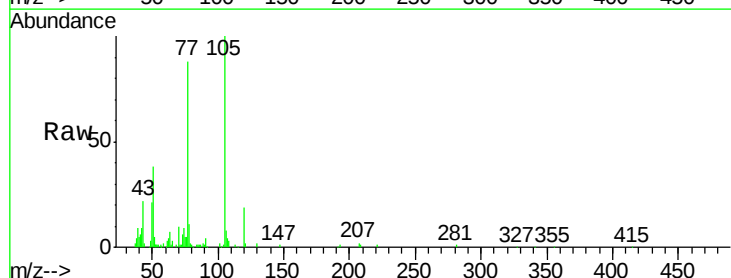
Instrument :
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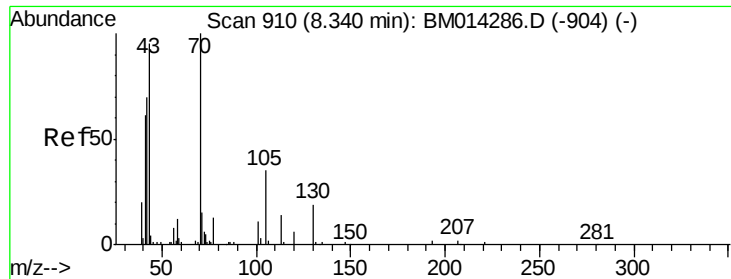
Tot Ion: 45 Resp: 81492
 Ion Ratio Lower Upper
 45 100
 77 21.8 8.0 12.0#
 79 14.3 8.0 12.0#



#14
 Acetophenone
 Concen: 19.831 ng/ul
 RT: 8.36 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

Tgt Ion: 105 Resp: 156840
 Ion Ratio Lower Upper
 105 100
 77 88.3 74.2 111.4
 51 38.3 23.4 35.2#

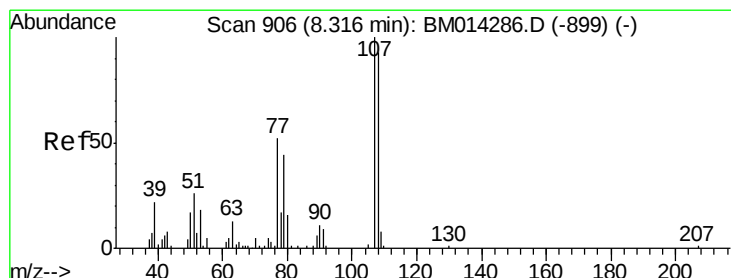
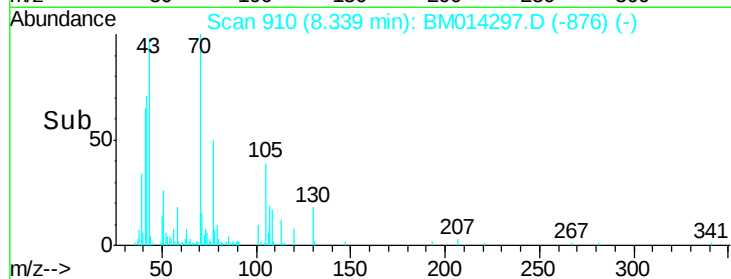
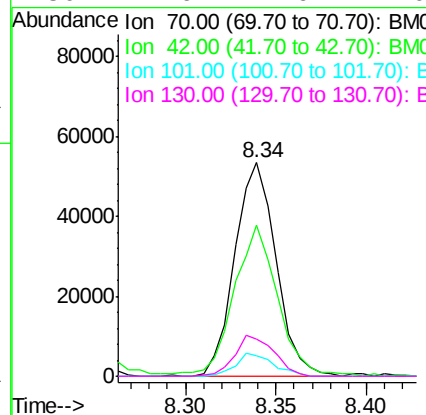
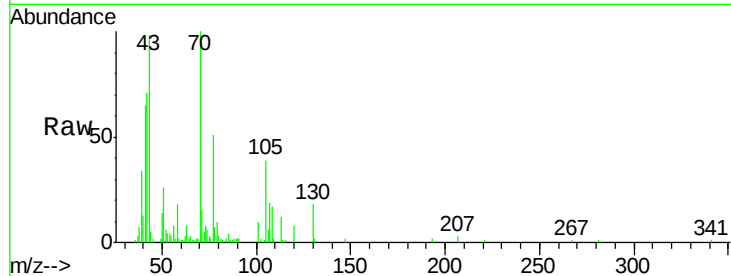




#15
N-Nitroso-di-n-propylamine
Concen: 21.358 ng/ul
RT: 8.34 min Scan# 910
Delta R.T. -0.00 min
Lab File: BM014297.D
Acq: 19 Feb 2018 16:30

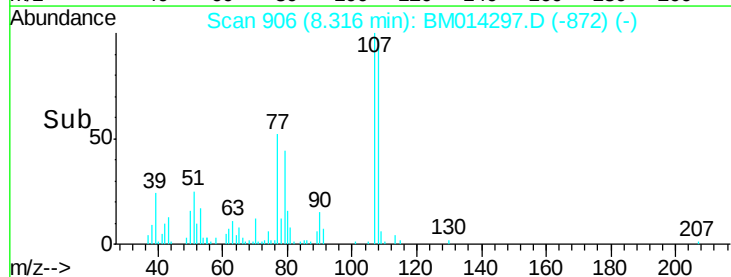
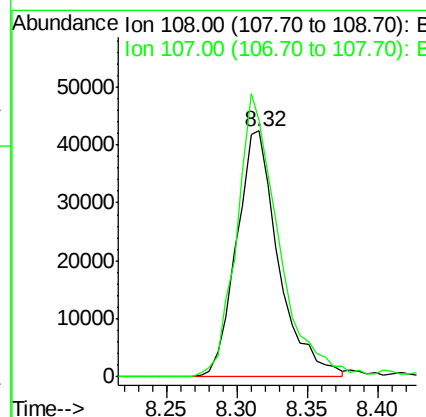
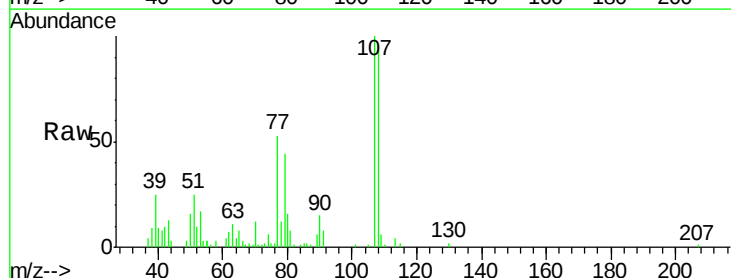
Instrument :
BNA_M
ClientSampleId :

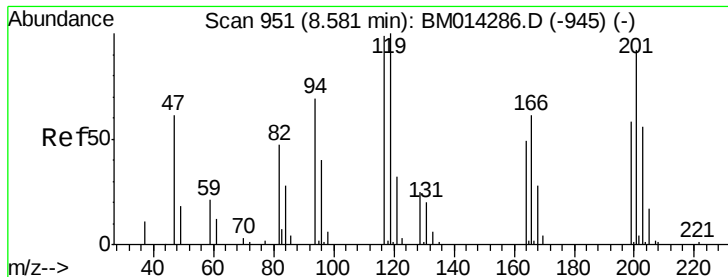
Tot Ion: 70 Resp: 84648
Ion Ratio Lower Upper
70 100
42 70.9 76.0 114.0#
101 9.7 6.7 10.1
130 17.6 14.6 22.0



#16
4-Methylphenol
Concen: 19.235 ng/ul
RT: 8.32 min Scan# 906
Delta R.T. -0.00 min
Lab File: BM014297.D
Acq: 19 Feb 2018 16:30

Tgt Ion: 108 Resp: 88137
Ion Ratio Lower Upper
108 100
107 104.5 84.9 127.3





#17

Hexachloroethane

Concen: 21.522 ng/ul

RT: 8.58 min Scan# 951

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampled :

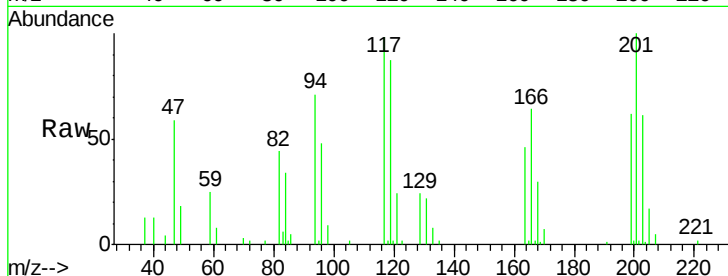
Tot Ion:117 Resp: 45985

Ion Ratio Lower Upper

117 100

201 103.9 111.6 167.4#

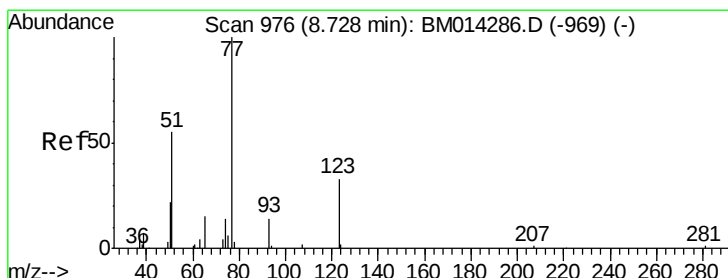
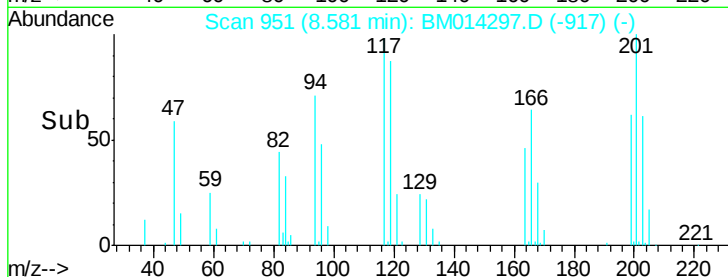
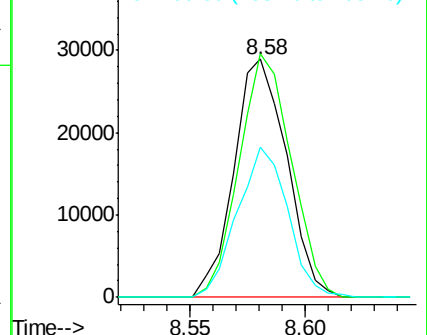
199 62.9 67.8 101.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.097 ng/ul

RT: 8.73 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

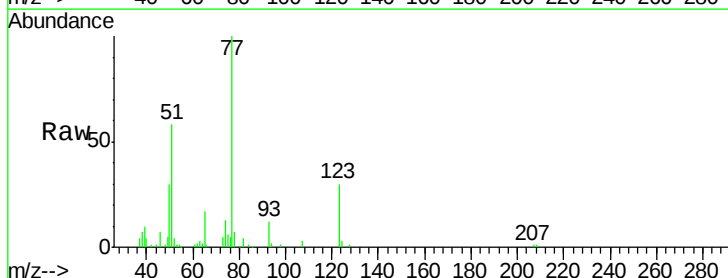
Tgt Ion: 77 Resp: 128257

Ion Ratio Lower Upper

77 100

123 30.4 31.0 46.6#

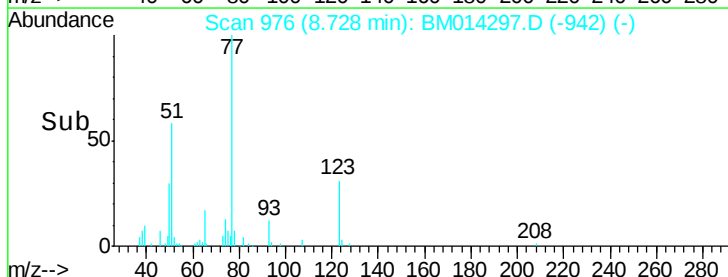
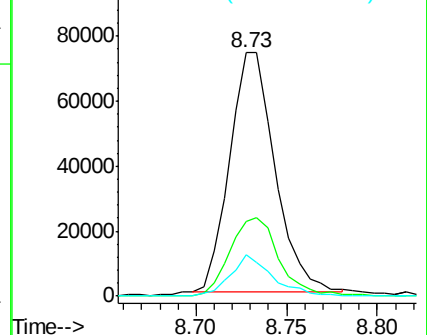
65 16.9 12.2 18.2

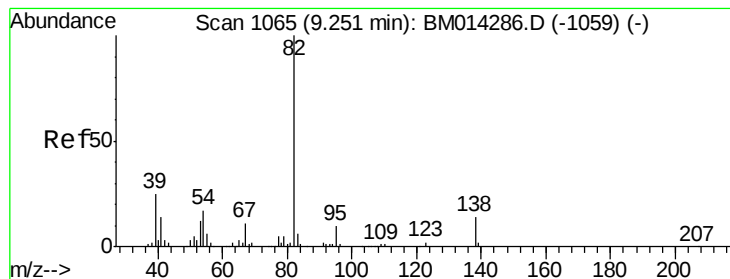


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 20.024 ng/ul

RT: 9.25 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

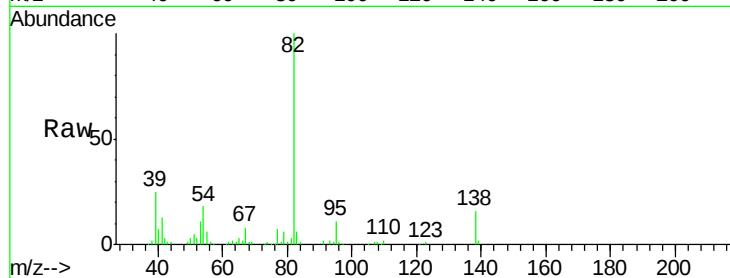
Tot Ion: 82 Resp: 230030

Ion Ratio Lower Upper

82 100

95 10.5 7.8 11.8

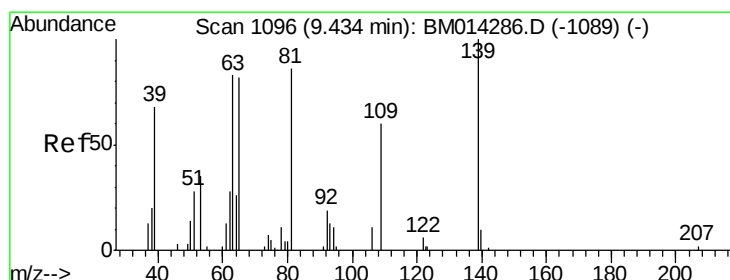
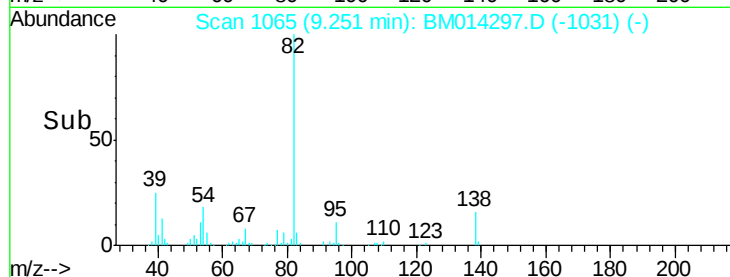
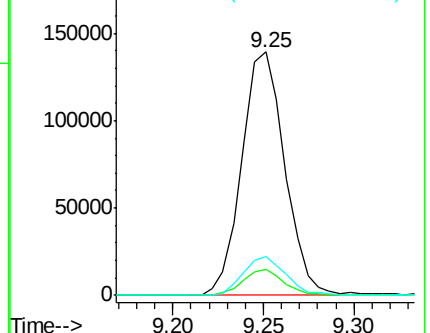
138 16.0 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM014286.D (-1059) (-)

Ion 95.00 (94.70 to 95.70): BM014286.D (-1059) (-)

Ion 138.00 (137.70 to 138.70): BM014286.D (-1059) (-)



#23

2-Nitrophenol

Concen: 20.811 ng/ul

RT: 9.43 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

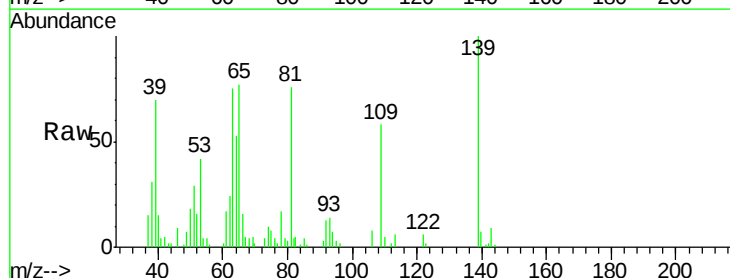
Tgt Ion: 139 Resp: 52977

Ion Ratio Lower Upper

139 100

65 76.8 55.4 83.0

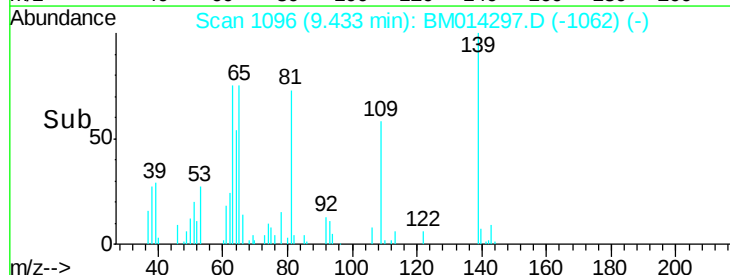
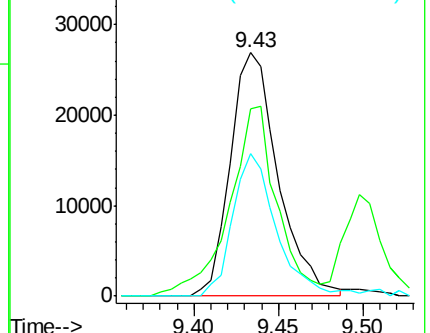
109 58.4 42.2 63.2

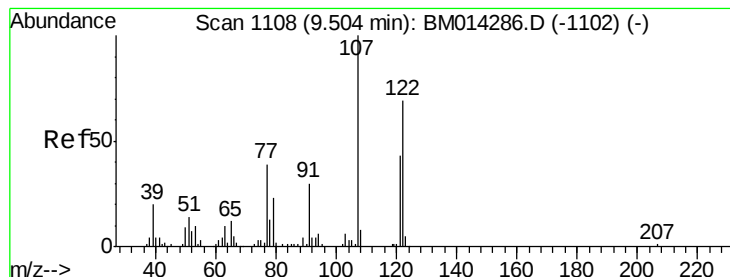


Abundance Ion 139.00 (138.70 to 139.70): BM014286.D (-1089) (-)

Ion 65.00 (64.70 to 65.70): BM014286.D (-1089) (-)

Ion 109.00 (108.70 to 109.70): BM014286.D (-1089) (-)





#24

2,4-Dimethylphenol

Concen: 20.649 ng/ul

RT: 9.50 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

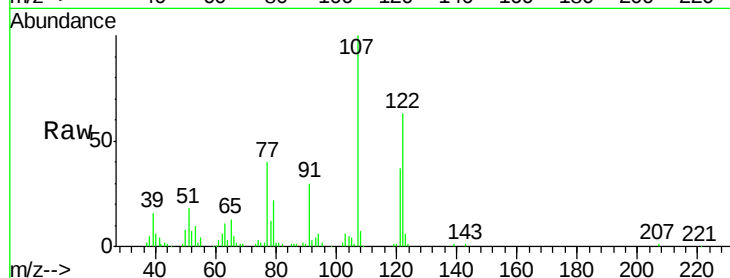
Tot Ion:107 Resp: 128869

Ion Ratio Lower Upper

107 100

121 37.1 31.9 47.9

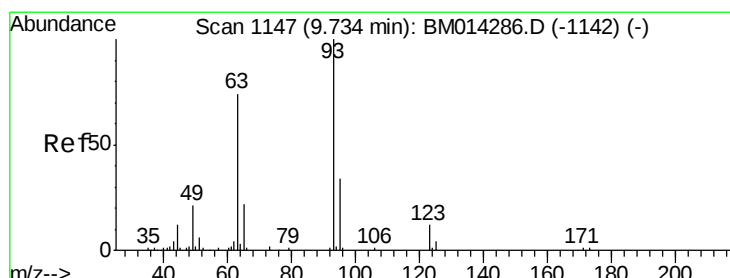
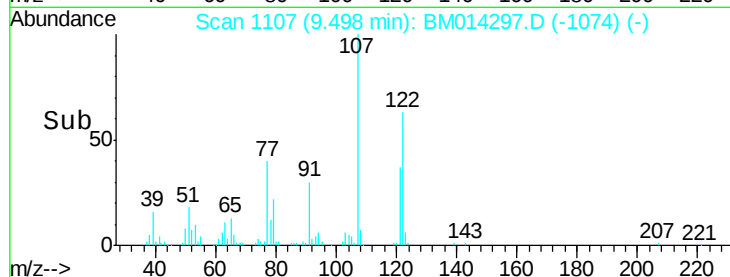
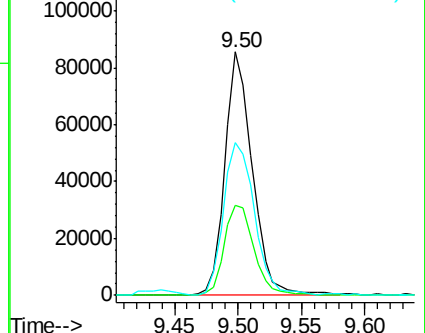
122 62.7 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.657 ng/ul

RT: 9.73 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

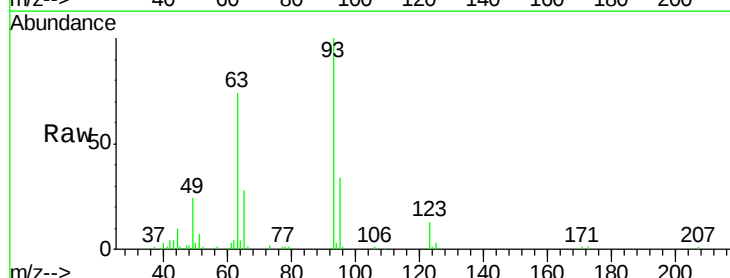
Tgt Ion: 93 Resp: 118947

Ion Ratio Lower Upper

93 100

95 34.2 28.5 42.7

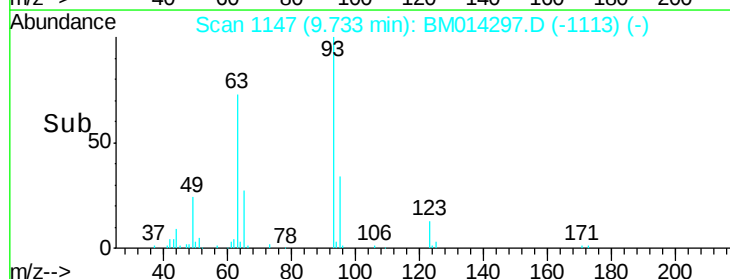
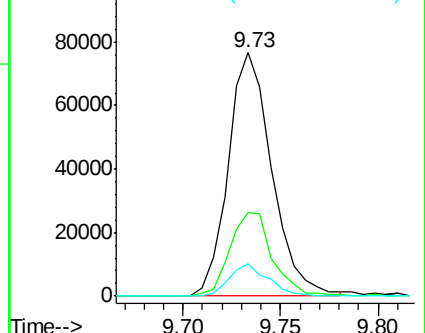
123 13.2 8.9 13.3

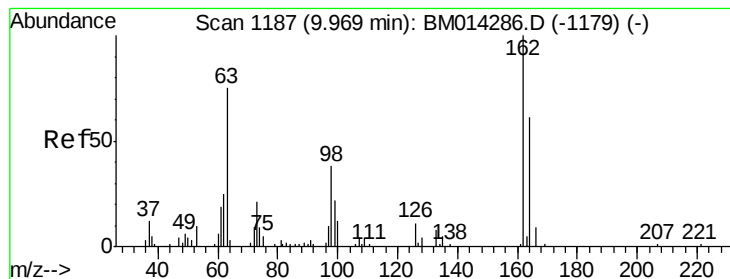


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.562 ng/ul

RT: 9.97 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

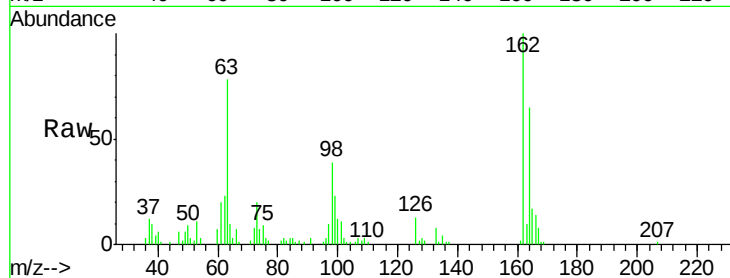
Tot Ion:162 Resp: 90356

Ion Ratio Lower Upper

162 100

164 65.3 47.8 71.6

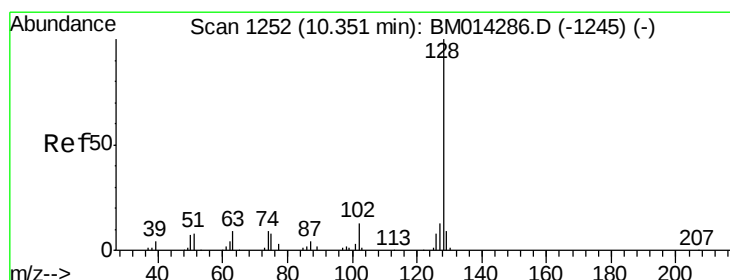
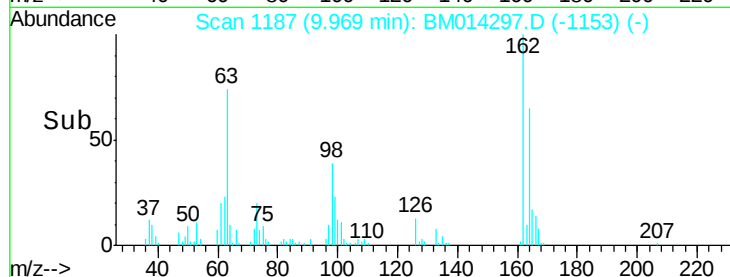
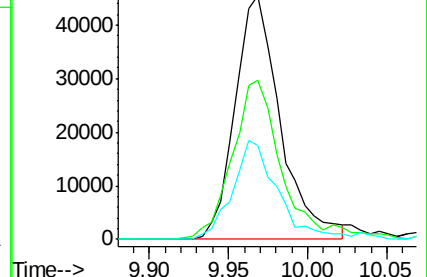
98 38.8 23.0 34.4#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 19.851 ng/ul

RT: 10.35 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

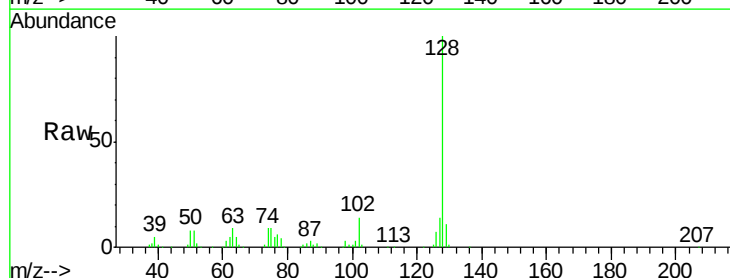
Tgt Ion:128 Resp: 313295

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

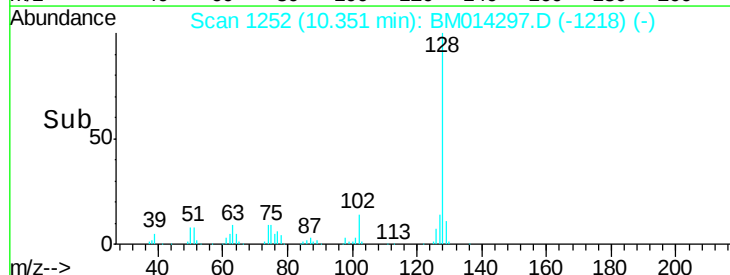
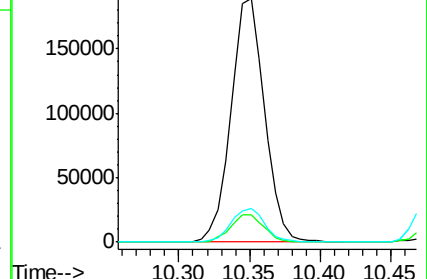
127 13.6 10.6 16.0

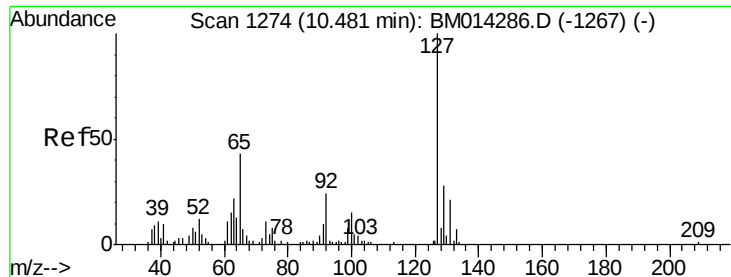


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

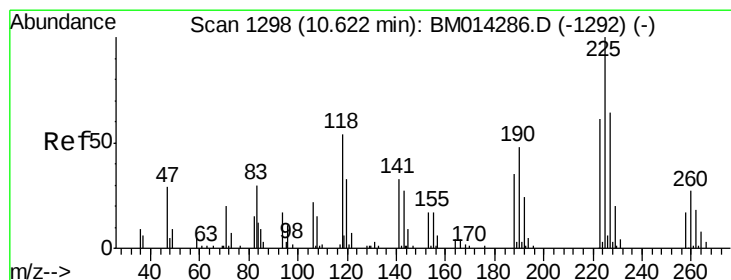
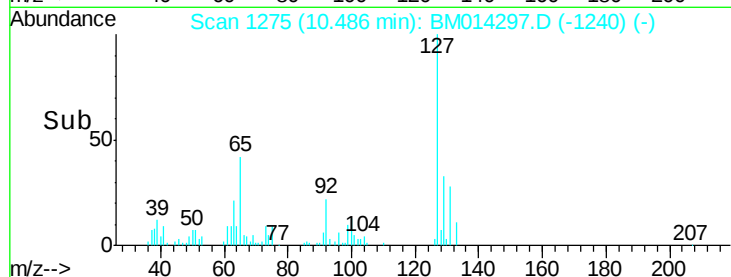
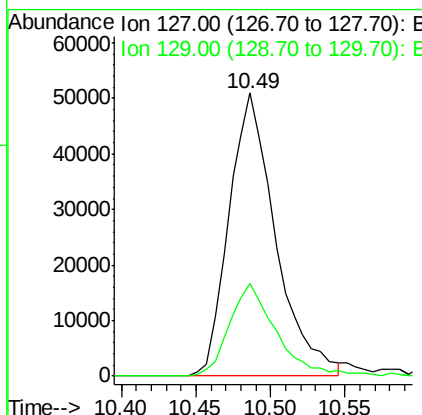
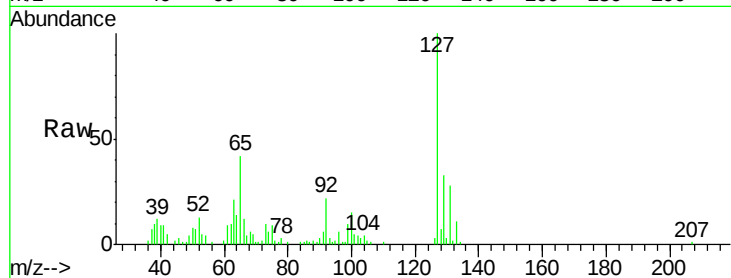




#30
4-Chloroaniline
Concen: 22.682 ng/ul
RT: 10.49 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BM014297.D
Acq: 19 Feb 2018 16:30

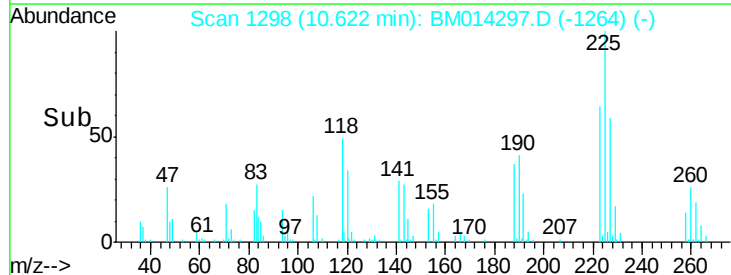
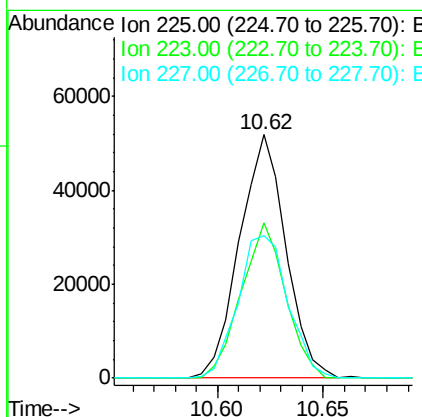
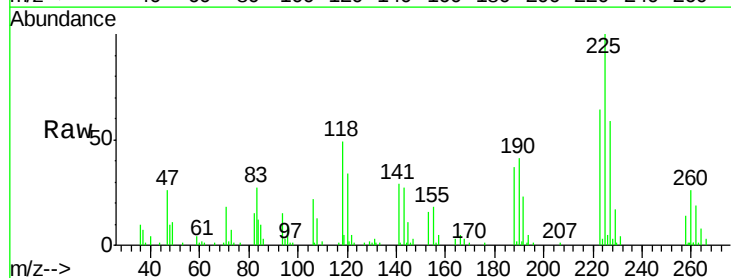
Instrument :
BNA_M
ClientSampleId :

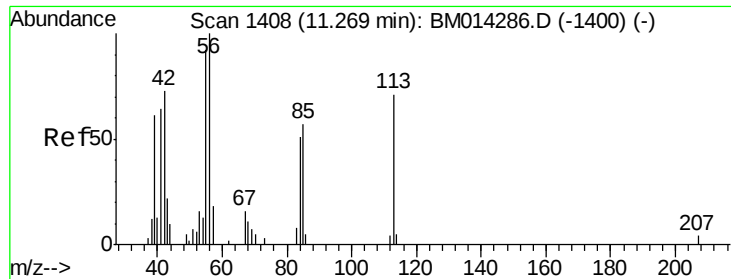
Tot Ion:127 Resp: 110945
Ion Ratio Lower Upper
127 100
129 32.9 28.4 42.6



#31
Hexachlorobutadiene
Concen: 21.530 ng/ul
RT: 10.62 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BM014297.D
Acq: 19 Feb 2018 16:30

Tgt Ion:225 Resp: 78900
Ion Ratio Lower Upper
225 100
223 63.9 49.4 74.2
227 58.5 45.4 68.2





#32

Caprolactam

Concen: 14.360 ng/ul

RT: 11.27 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

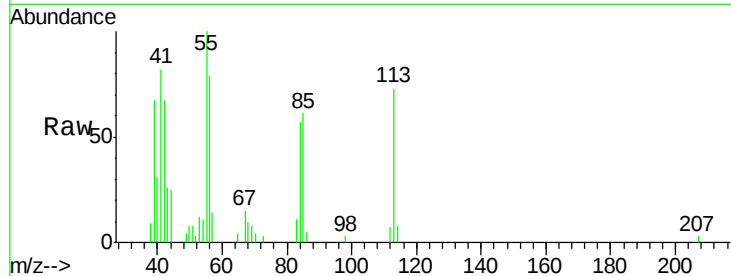
Tot Ion:113 Resp: 21245

Ion Ratio Lower Upper

113 100

55 137.1 208.0 312.0#

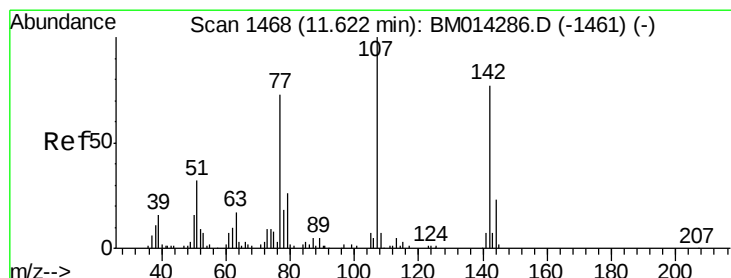
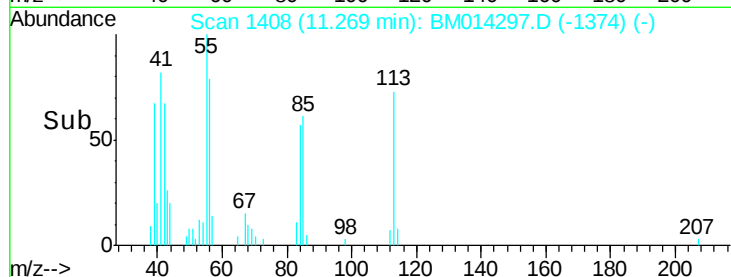
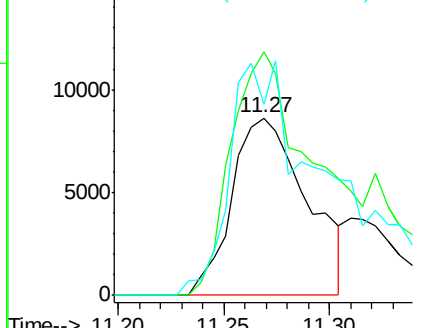
56 107.7 160.0 240.0#



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: 20.584 ng/ul

RT: 11.62 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

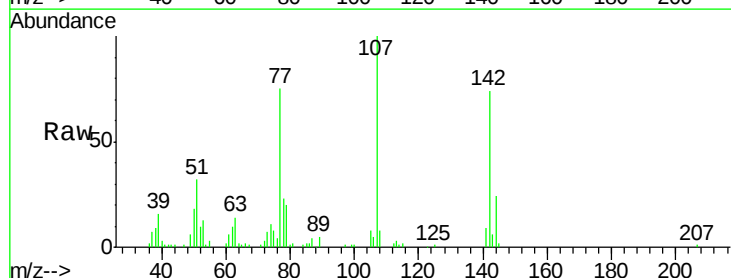
Tgt Ion:107 Resp: 114884

Ion Ratio Lower Upper

107 100

144 23.7 20.4 30.6

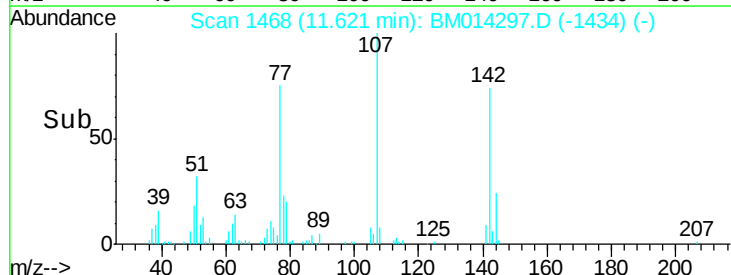
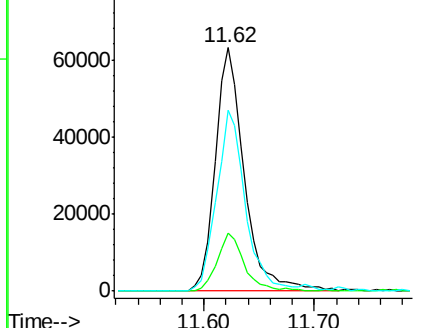
142 74.3 60.5 90.7

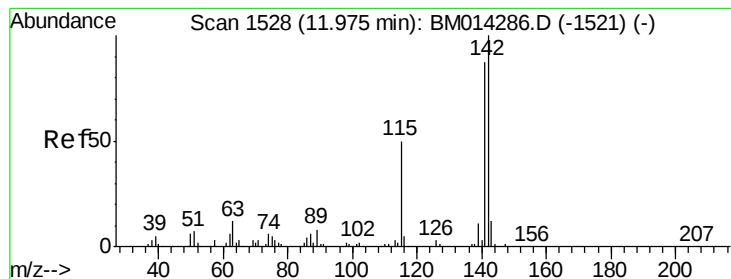


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.363 ng/ul

RT: 11.97 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

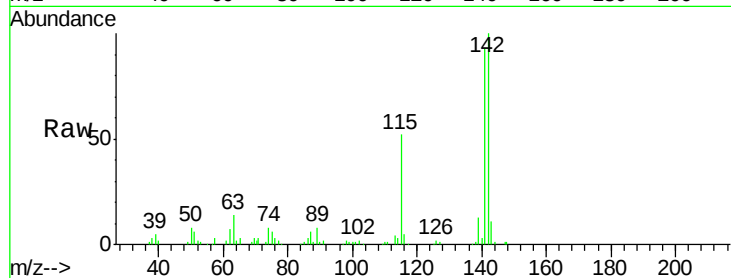
ClientSampleId :

Tot Ion:142 Resp: 244615

Ion Ratio Lower Upper

142 100

141 93.1 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.97

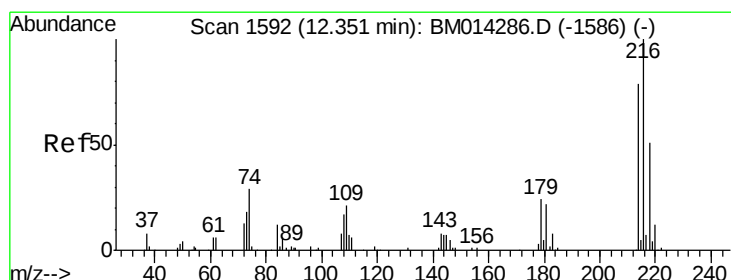
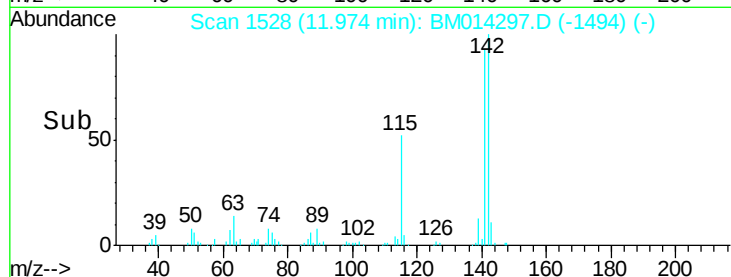
150000

100000

50000

0

Time--> 11.90 12.00



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.575 ng/ul

RT: 12.35 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Tgt Ion:216 Resp: 145551

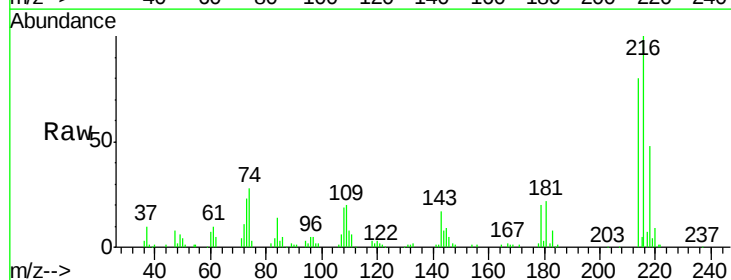
Ion Ratio Lower Upper

216 100

214 80.2 60.6 90.8

179 20.3 17.5 26.3

108 18.8 11.3 16.9#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.35

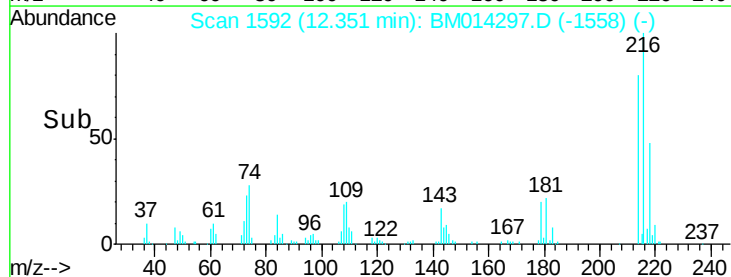
150000

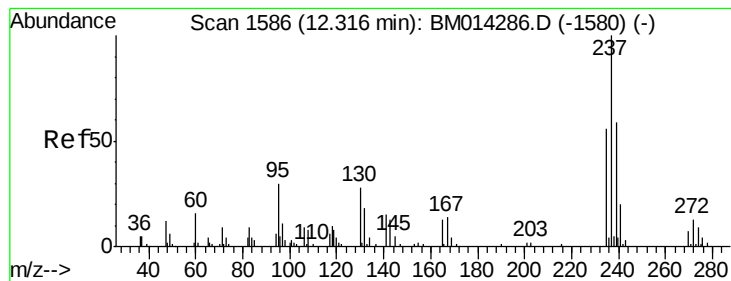
100000

50000

0

Time--> 12.30 12.35 12.40





#37

Hexachlorocyclopentadiene

Concen: 17.209 ng/ul

RT: 12.32 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

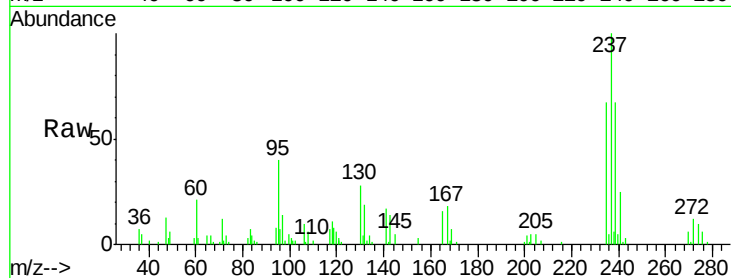
Tot Ion:237 Resp: 69635

Ion Ratio Lower Upper

237 100

235 66.6 50.2 75.4

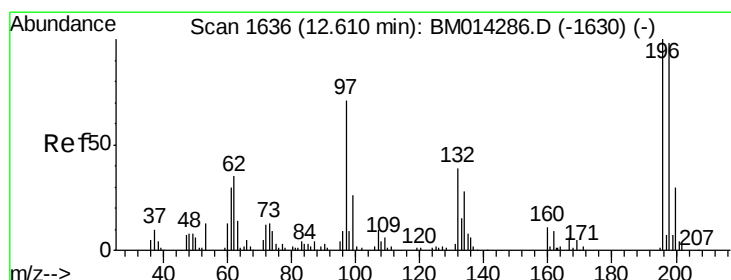
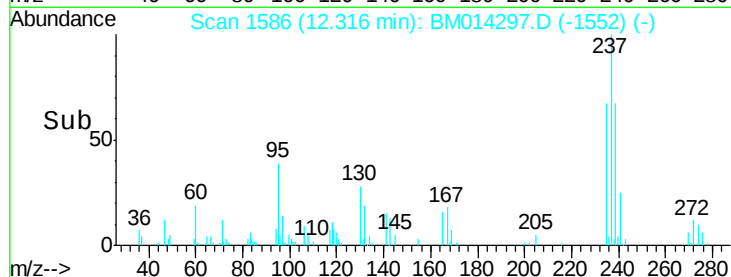
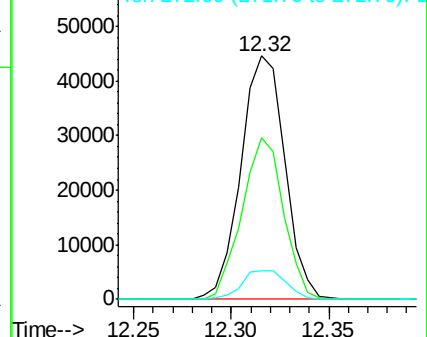
272 11.6 11.0 16.6



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: 19.518 ng/ul

RT: 12.61 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

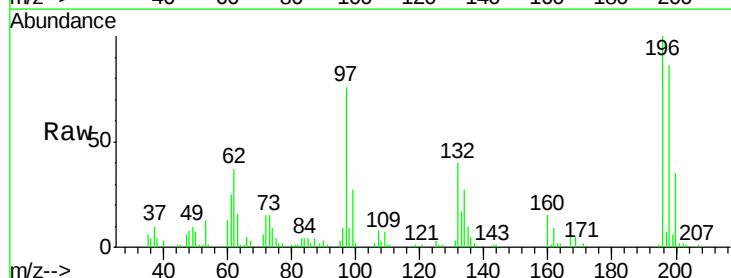
Tgt Ion:196 Resp: 90543

Ion Ratio Lower Upper

196 100

198 85.9 74.1 111.1

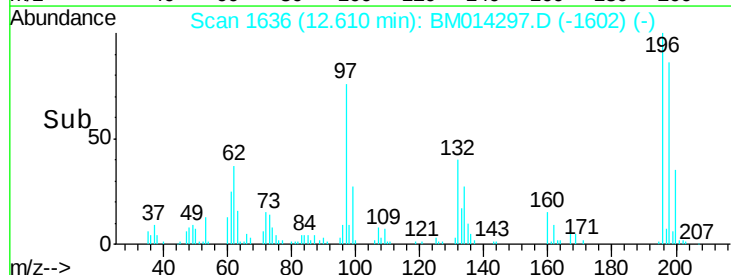
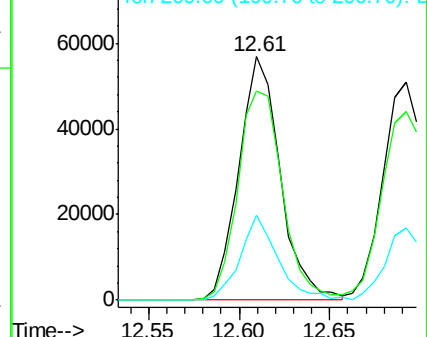
200 34.9 25.2 37.8

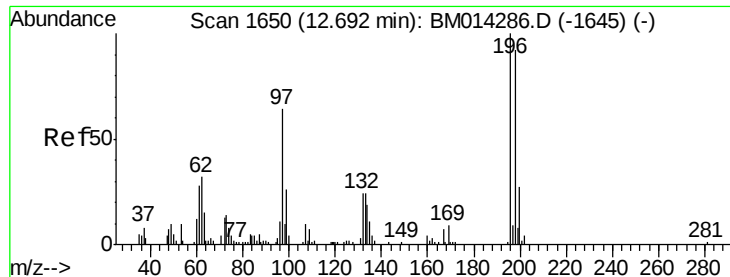


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

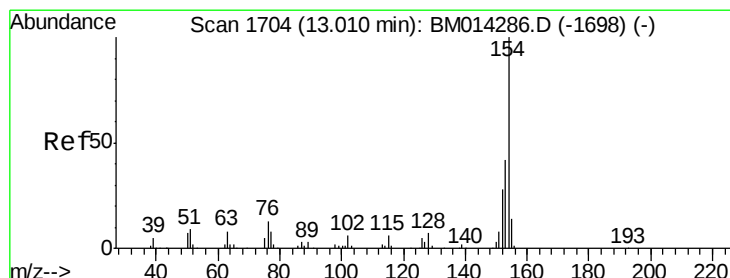
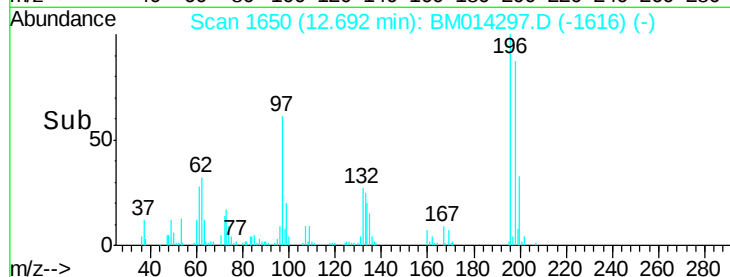
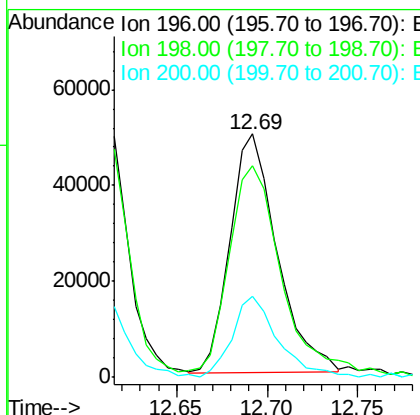
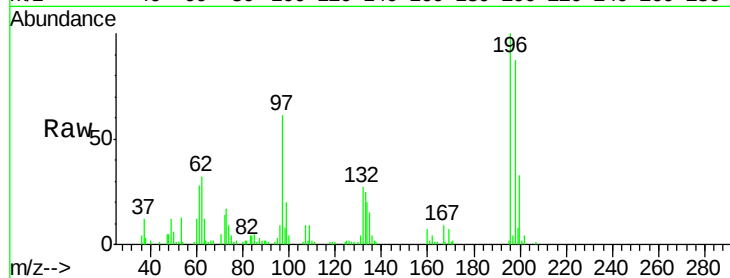




#39
 2,4,5-Trichlorophenol
 Concen: 19.030 ng/ul
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

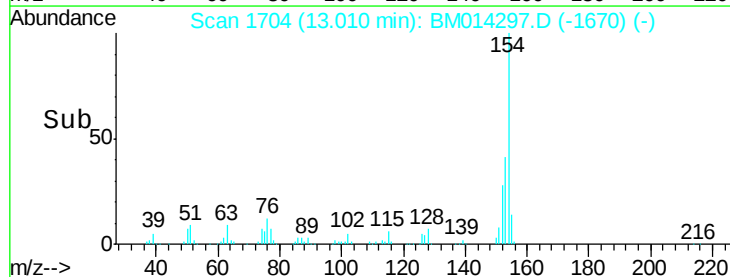
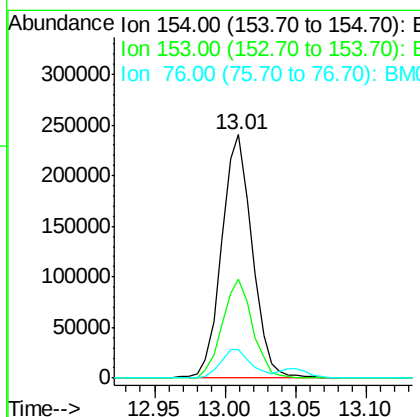
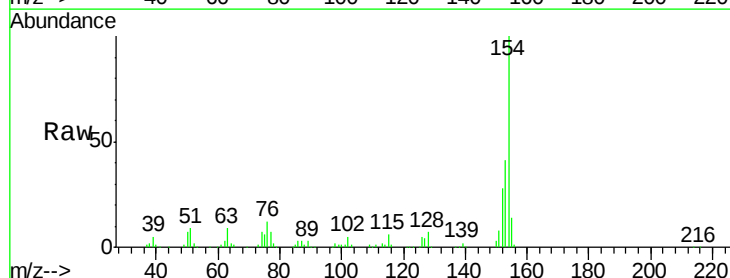
Instrument :
 BNA_M
 ClientSampleId :

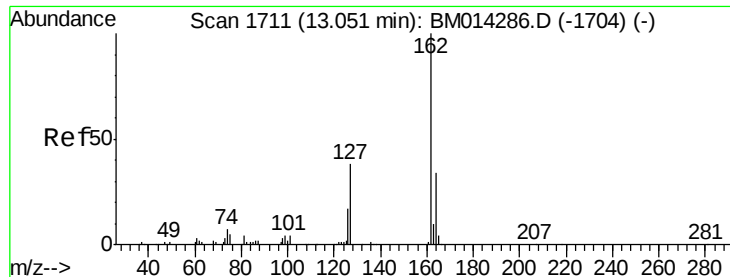
Tot Ion:196 Resp: 90215
 Ion Ratio Lower Upper
 196 100
 198 86.8 75.6 113.4
 200 33.3 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 20.023 ng/ul
 RT: 13.01 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

Tgt Ion:154 Resp: 357280
 Ion Ratio Lower Upper
 154 100
 153 40.7 32.6 48.8
 76 11.8 8.5 12.7

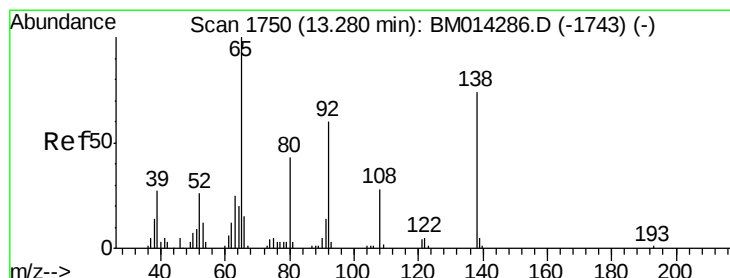
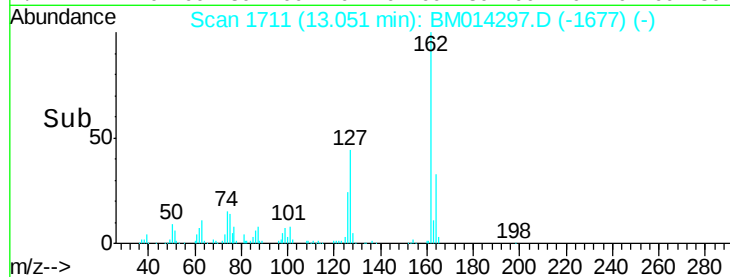
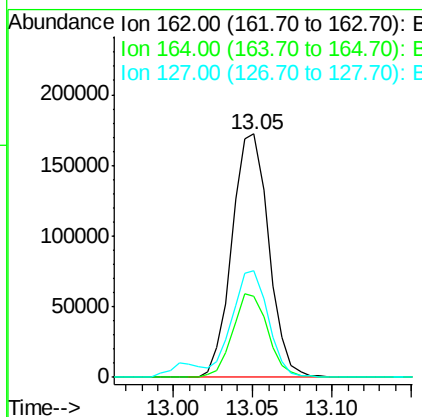
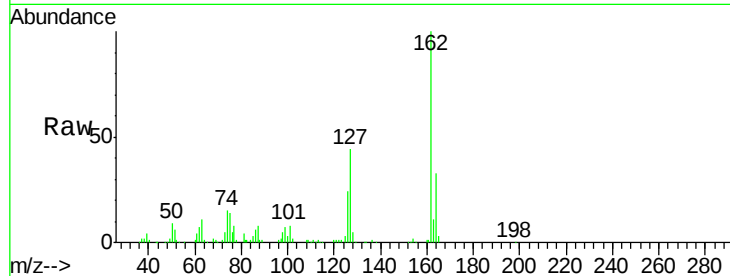




#41
 2-Chloronaphthalene
 Concen: 19.477 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

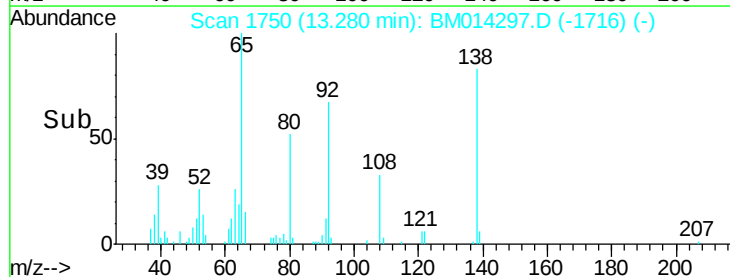
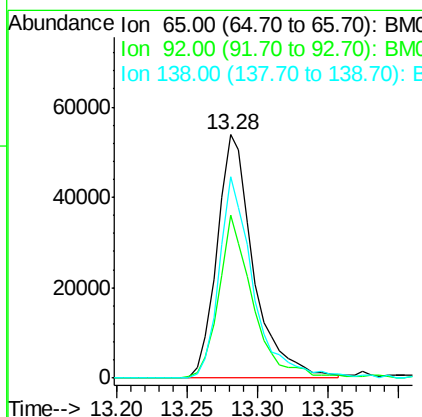
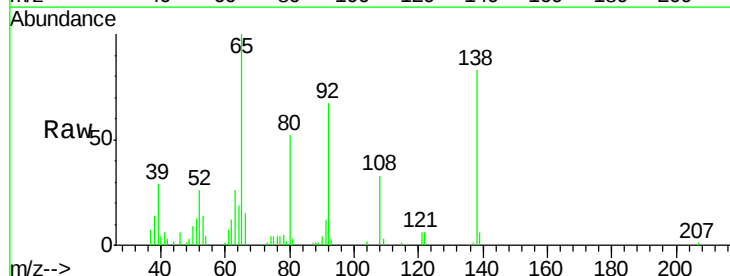
Instrument :
 BNA_M
 ClientSampled :

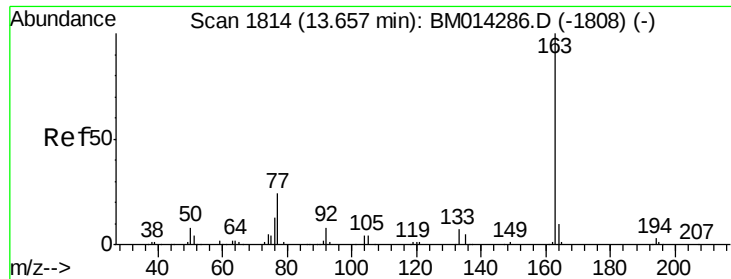
Tot Ion	162	Resp	277622
Ion Ratio	100	Lower	Upper
162	100	25.9	38.9
164	33.5	29.4	44.2
127	43.8		



#42
 2-Nitroaniline
 Concen: 20.047 ng/ul
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

Tgt Ion	65	Resp	96688
Ion Ratio	100	Lower	Upper
65	100	51.8	77.6
92	66.7	74.2	111.4
138	82.7		

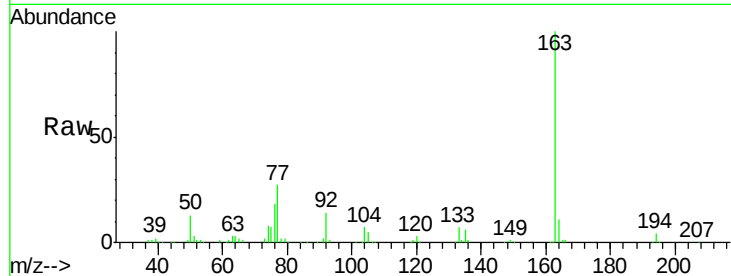




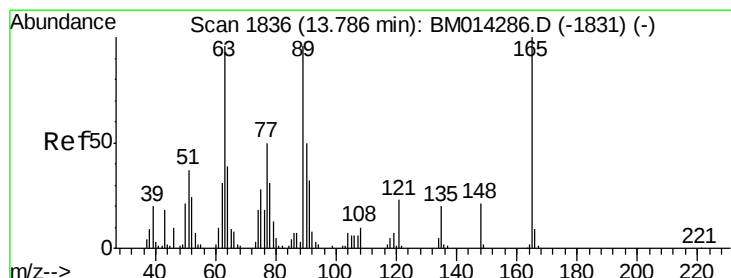
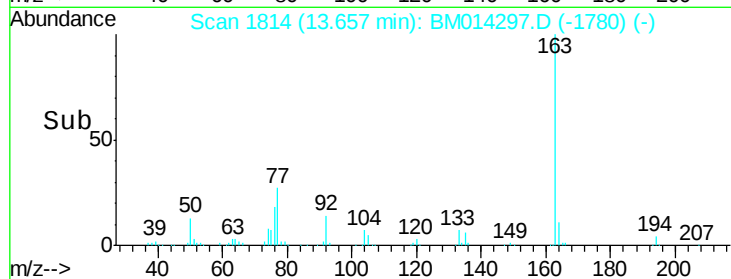
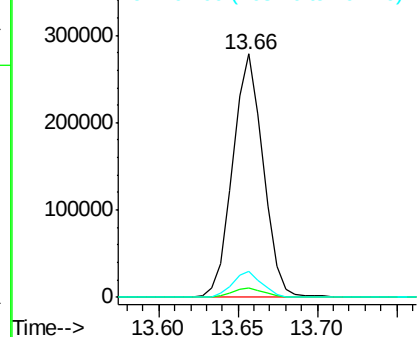
#44
Dimethylphthalate
Concen: 19.672 ng/ul
RT: 13.66 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BM014297.D
Acq: 19 Feb 2018 16:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 371069
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 10.6 8.2 12.4

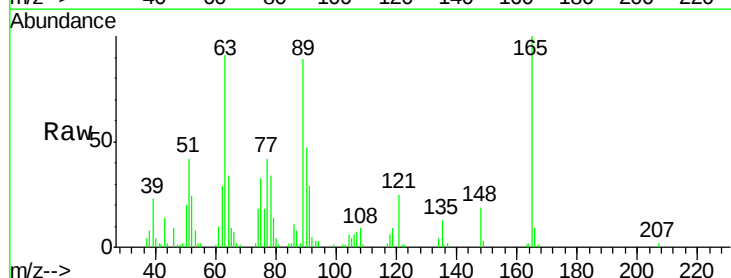


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

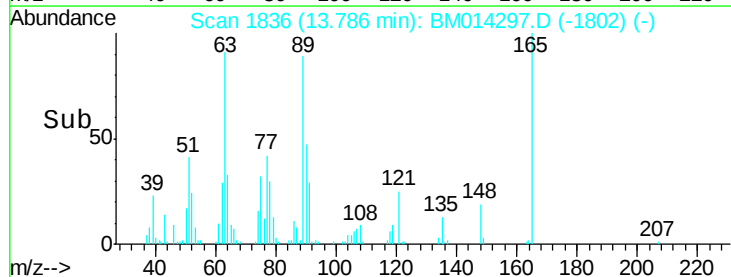
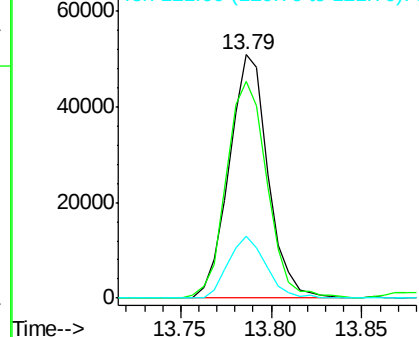


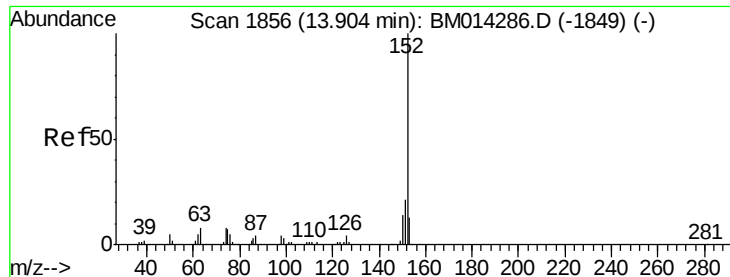
#45
2,6-Dinitrotoluene
Concen: 21.170 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BM014297.D
Acq: 19 Feb 2018 16:30

Tgt Ion:165 Resp: 75866
Ion Ratio Lower Upper
165 100
89 89.3 52.6 79.0#
121 25.2 14.6 22.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.809 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

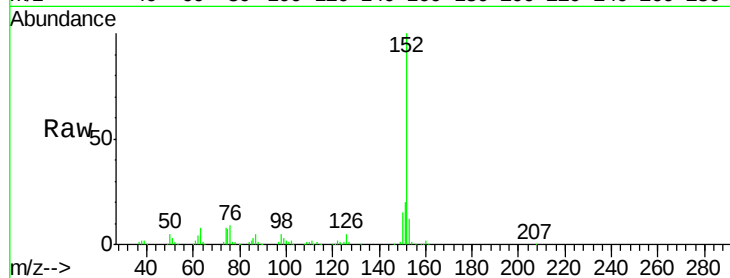
Tot Ion:152 Resp: 441630

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

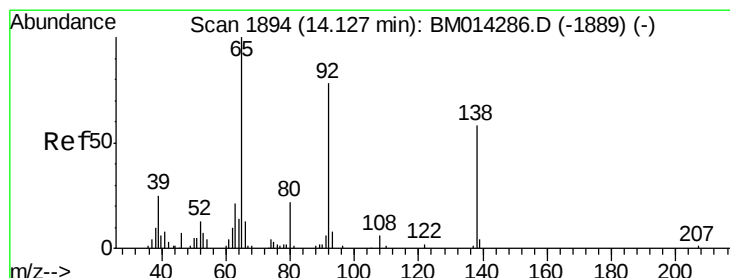
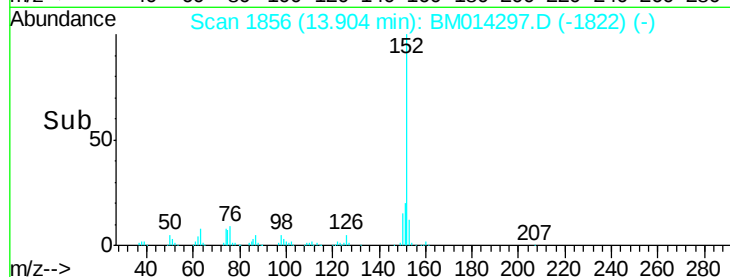
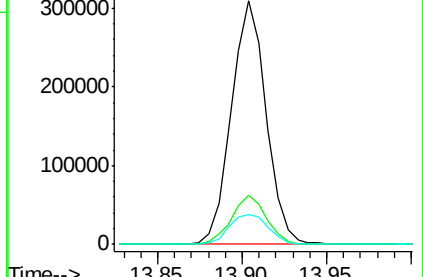
153 12.4 10.2 15.4



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: 18.327 ng/ul

RT: 14.13 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

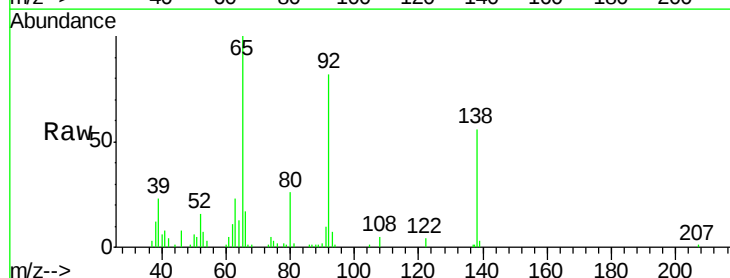
Tgt Ion:138 Resp: 55666

Ion Ratio Lower Upper

138 100

108 9.8 9.9 14.9#

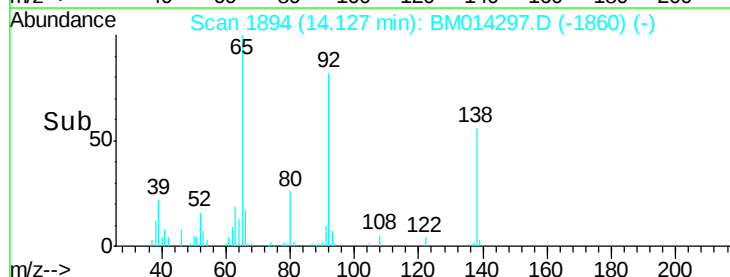
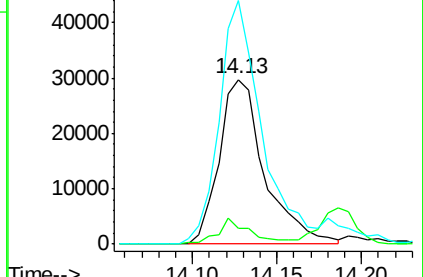
92 147.9 105.0 157.4

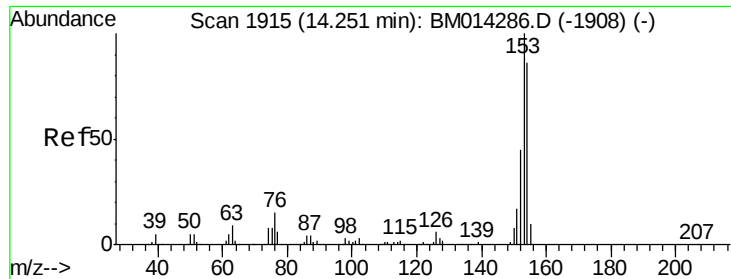


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#49

Acenaphthene

Concen: 20.614 ng/ul

RT: 14.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

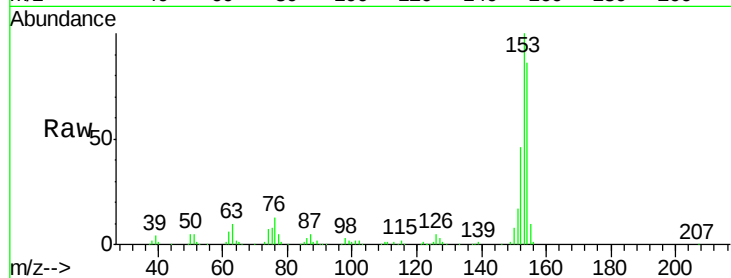
Tot Ion:153 Resp: 323617

Ion Ratio Lower Upper

153 100

152 46.2 37.6 56.4

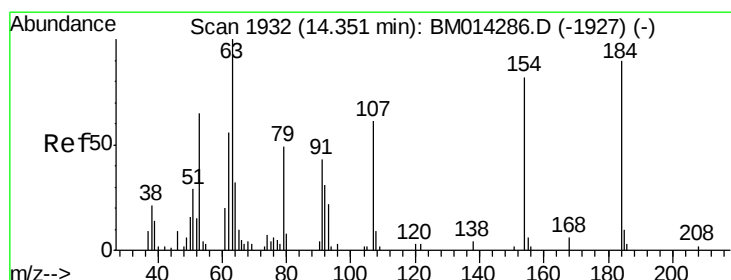
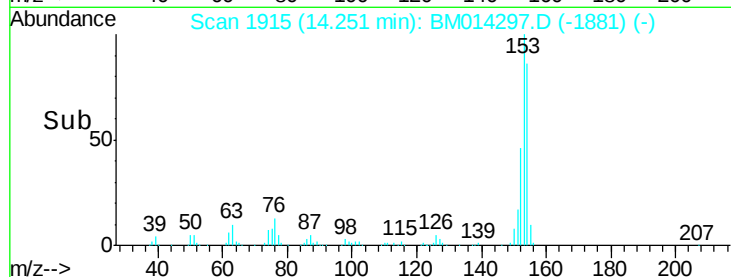
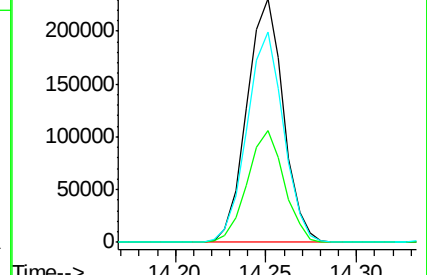
154 86.3 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 15.485 ng/ul

RT: 14.35 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

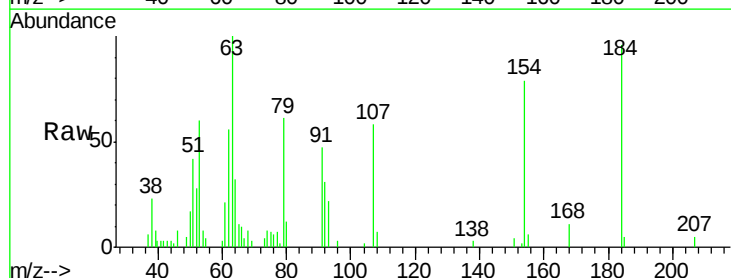
Tgt Ion:184 Resp: 29846

Ion Ratio Lower Upper

184 100

63 104.2 50.1 75.1#

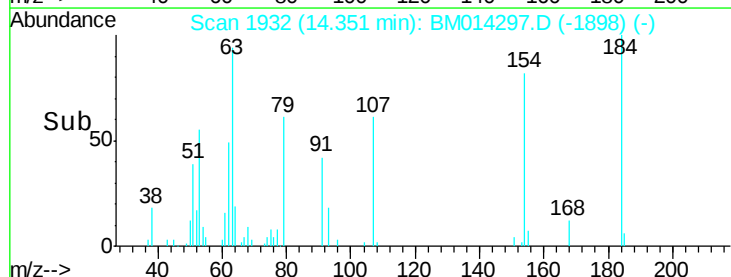
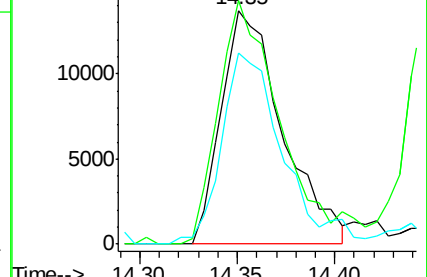
154 82.1 54.5 81.7#

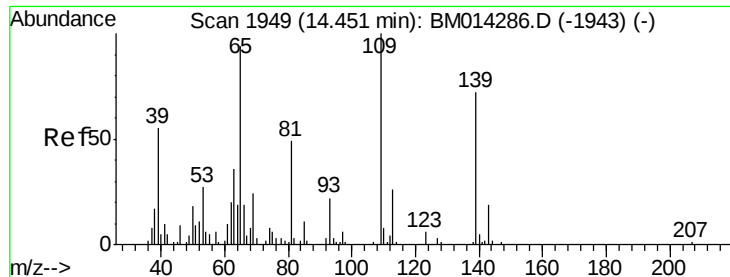


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 17.274 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

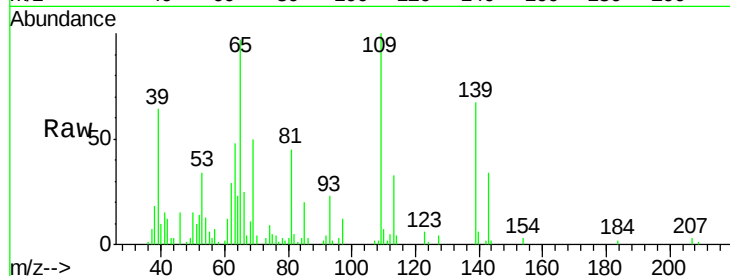
Tot Ion:109 Resp: 59813

Ion Ratio Lower Upper

109 100

139 67.2 80.0 120.0#

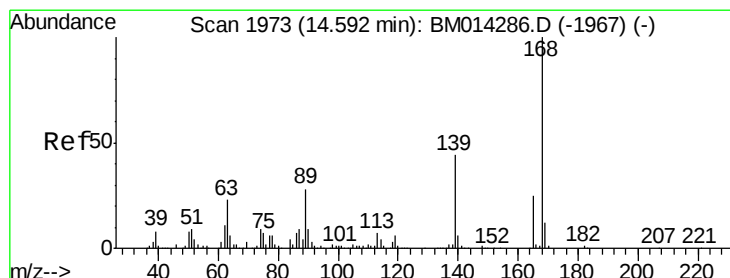
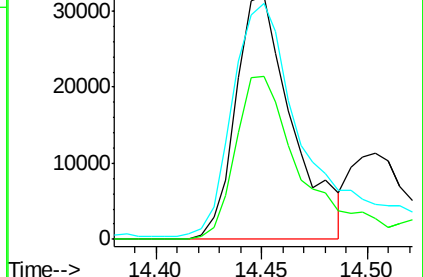
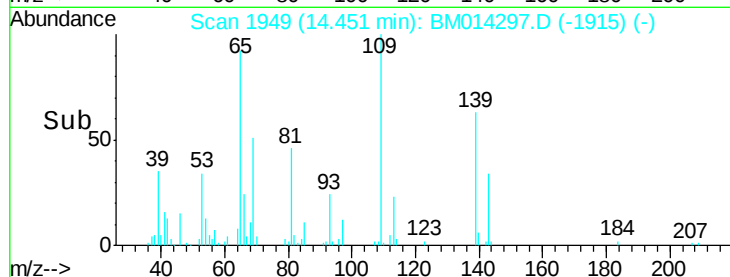
65 96.8 120.0 180.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 20.412 ng/ul

RT: 14.59 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BM014297.D

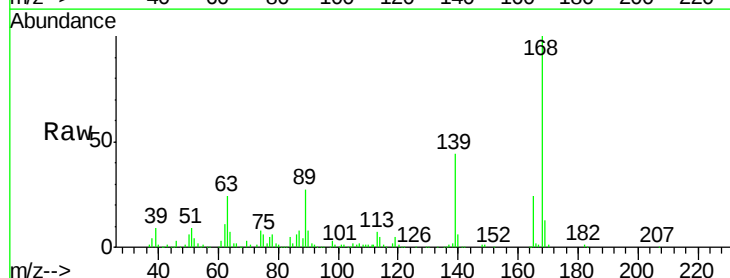
Acq: 19 Feb 2018 16:30

Tgt Ion:168 Resp: 480485

Ion Ratio Lower Upper

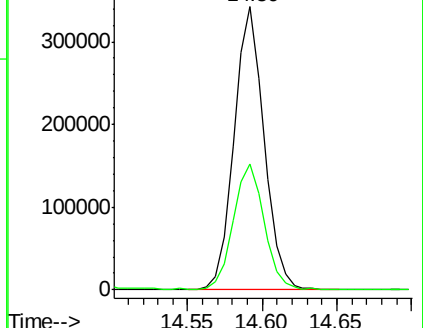
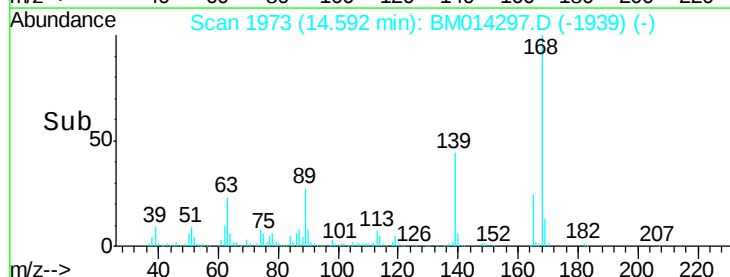
168 100

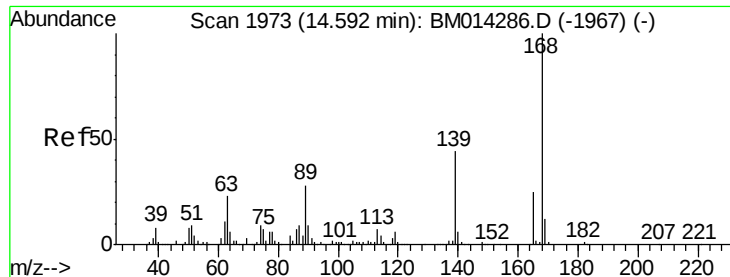
139 44.3 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

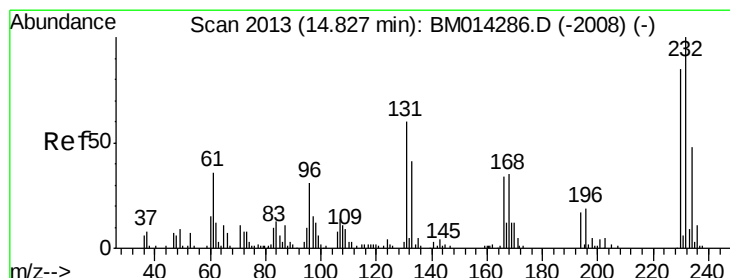
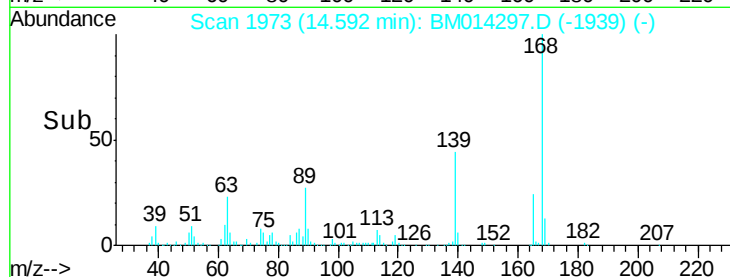
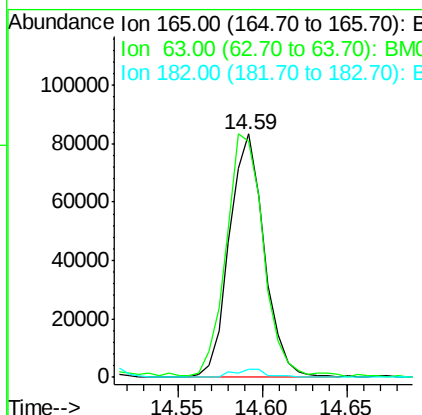
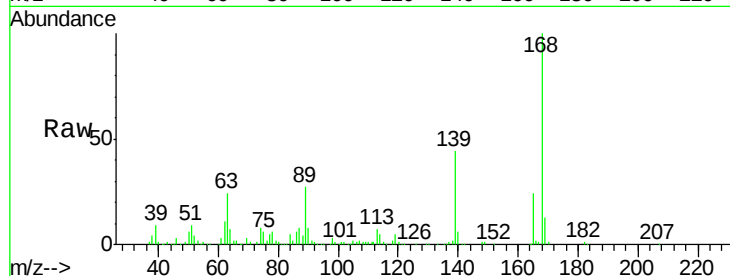




#54
 2,4-Dinitrotoluene
 Concen: 20.898 ng/ul
 RT: 14.59 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

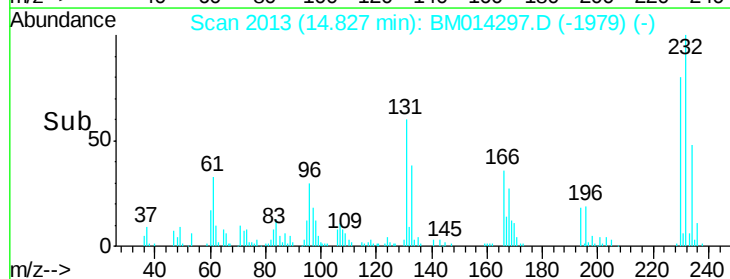
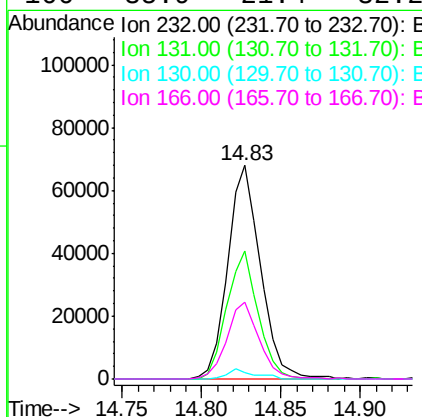
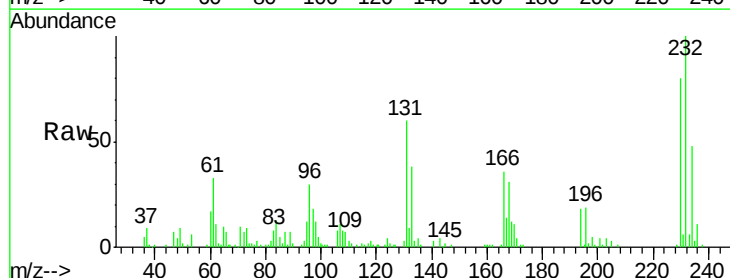
Instrument :
 BNA_M
 ClientSampled :

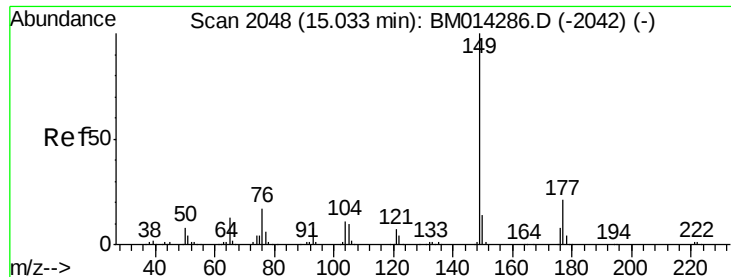
Tot Ion:165 Resp: 119996
 Ion Ratio Lower Upper
 165 100
 63 97.1 45.8 68.8#
 182 3.1 2.6 4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.338 ng/ul
 RT: 14.83 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

Tgt Ion:232 Resp: 97504
 Ion Ratio Lower Upper
 232 100
 131 60.0 29.0 43.4#
 130 2.9 2.0 3.0
 166 35.9 21.4 32.2#





#56

Diethylphthalate

Concen: 21.020 ng/ul

RT: 15.03 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

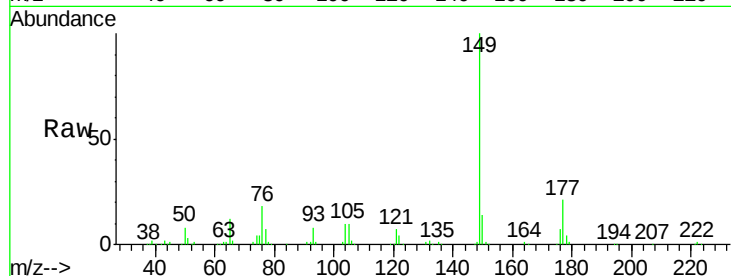
Tot Ion:149 Resp: 441819

Ion Ratio Lower Upper

149 100

177 20.6 20.5 30.7

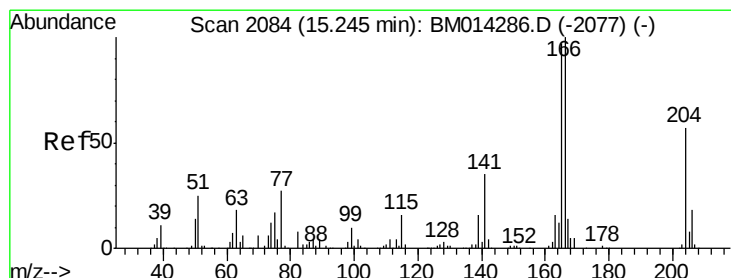
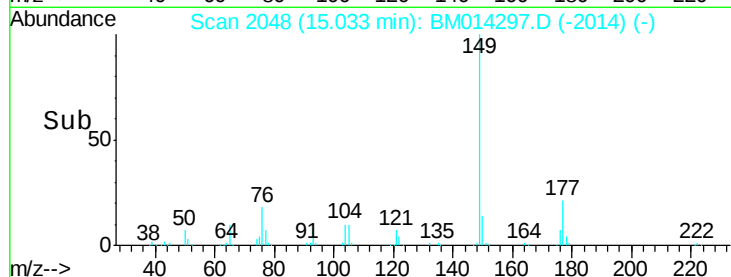
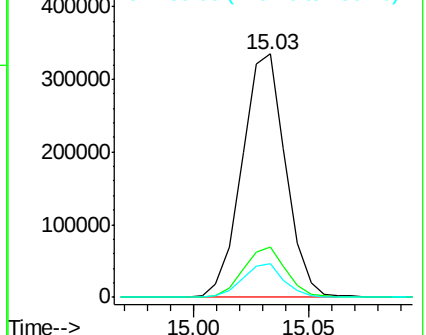
150 13.7 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 20.306 ng/ul

RT: 15.24 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

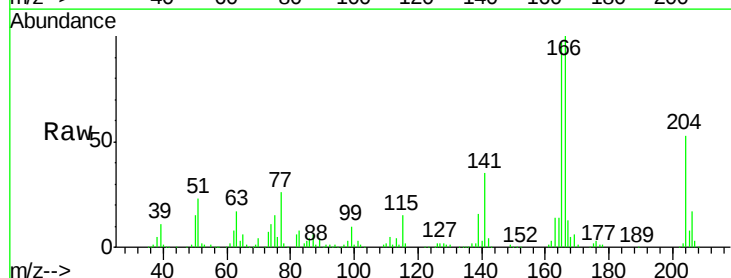
Tgt Ion:166 Resp: 412651

Ion Ratio Lower Upper

166 100

165 97.0 77.9 116.9

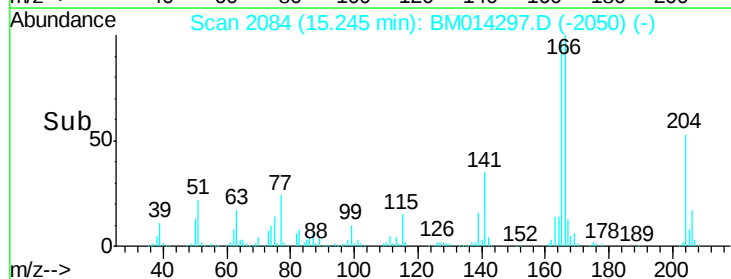
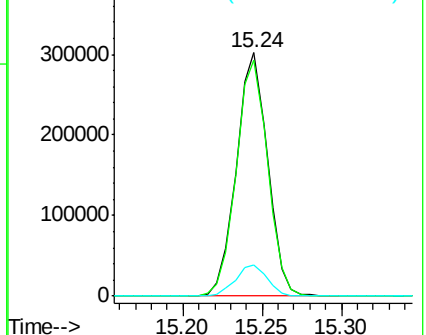
167 13.0 10.6 16.0

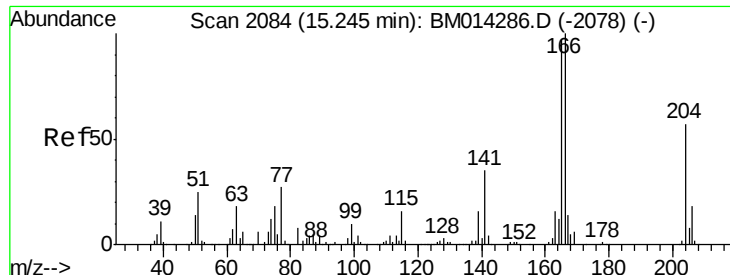


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

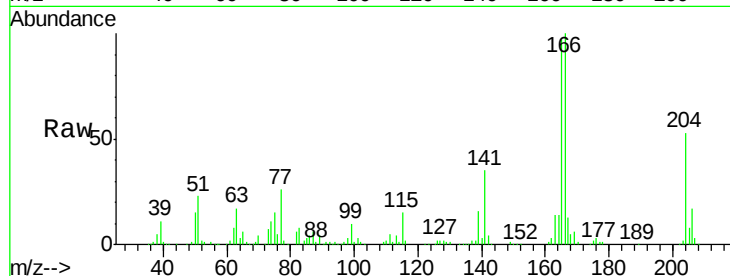




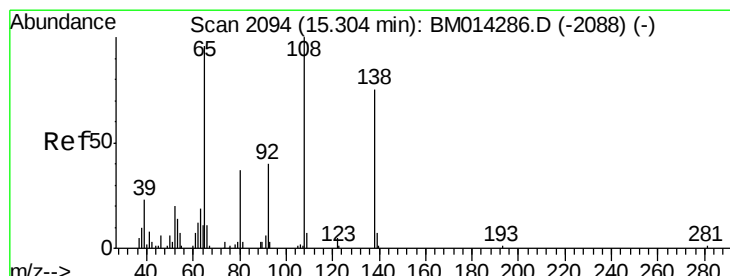
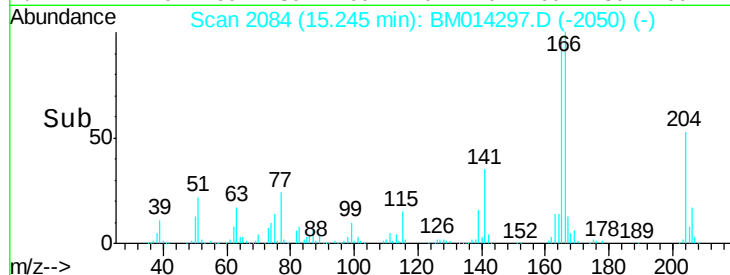
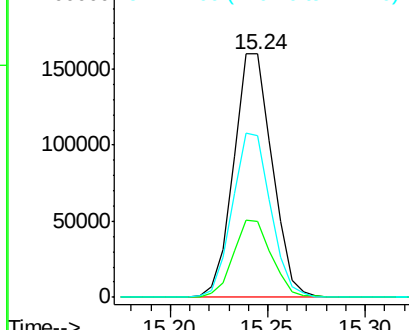
#59
 4-Chlorophenyl-phenylether
 Concen: 20.620 ng/ul
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 219178
 Ion Ratio Lower Upper
 204 100
 206 31.4 24.8 37.2
 141 66.2 44.3 66.5

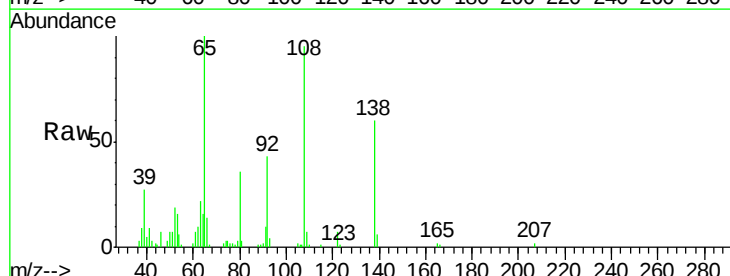


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

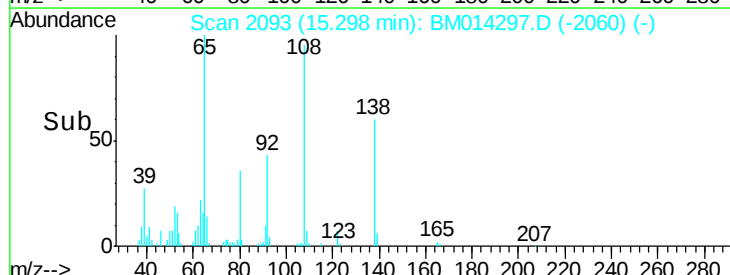
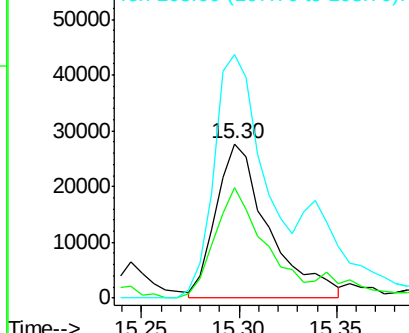


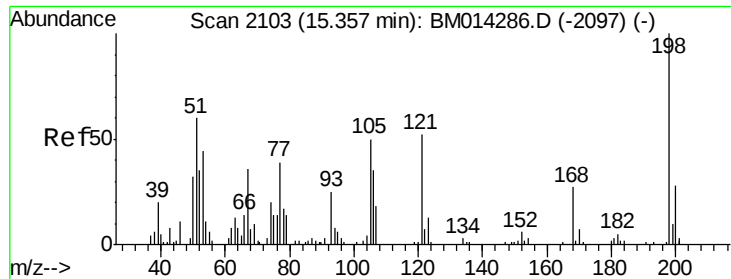
#60
 4-Nitroaniline
 Concen: 15.209 ng/ul
 RT: 15.30 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

Tgt Ion:138 Resp: 51808
 Ion Ratio Lower Upper
 138 100
 92 71.6 40.0 60.0#
 108 157.5 80.0 120.0#



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

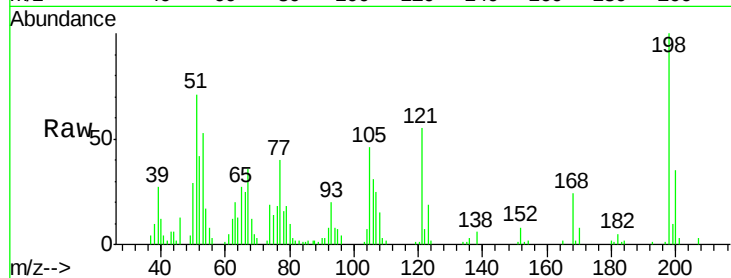




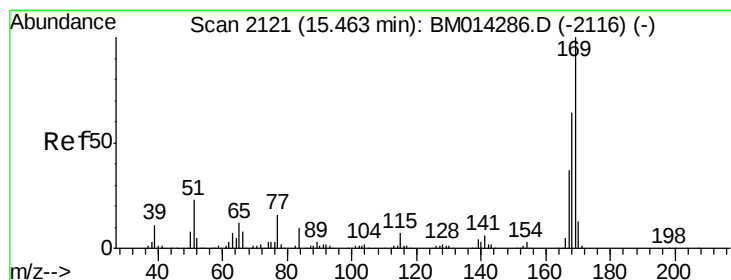
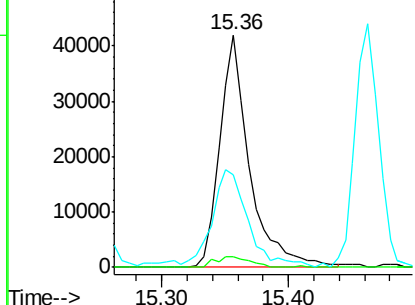
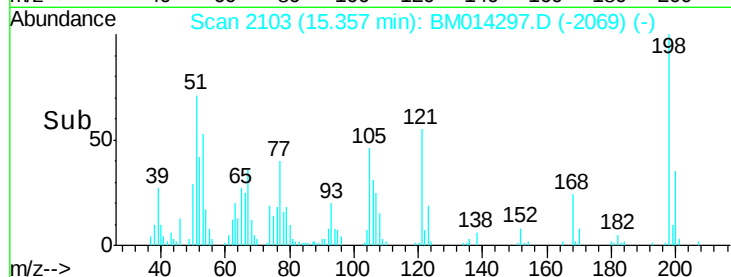
#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.070 ng/ul
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:198 Resp: 68466
 Ion Ratio Lower Upper
 198 100
 182 4.7 3.8 5.6
 77 39.9 25.2 37.8#

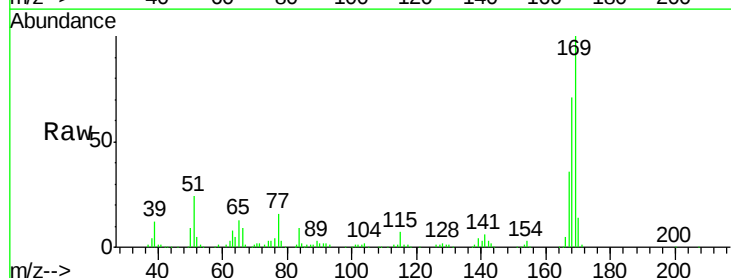


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

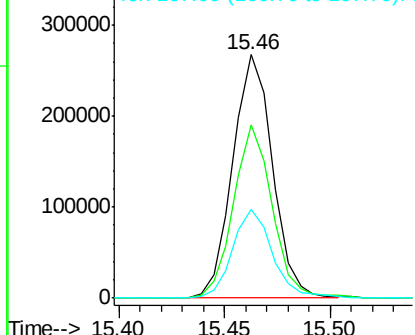
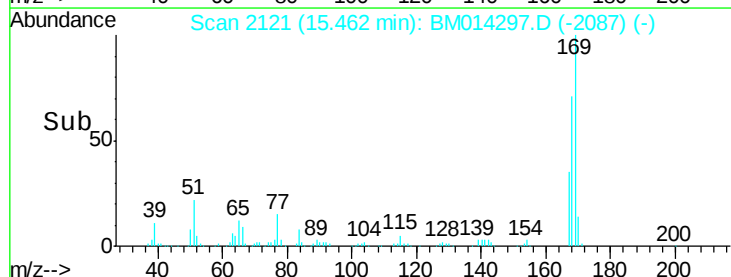


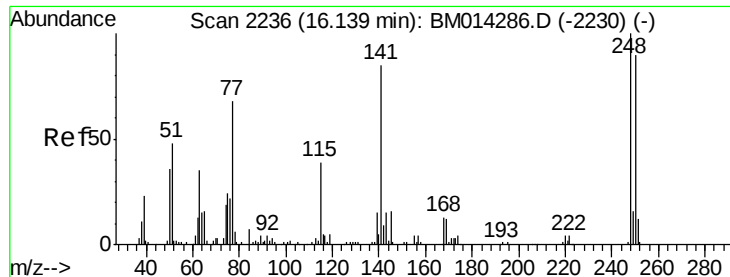
#64
 N-Nitrosodiphenylamine
 Concen: 19.649 ng/ul
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

Tgt Ion:169 Resp: 350411
 Ion Ratio Lower Upper
 169 100
 168 71.0 54.0 81.0
 167 36.2 29.1 43.7



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

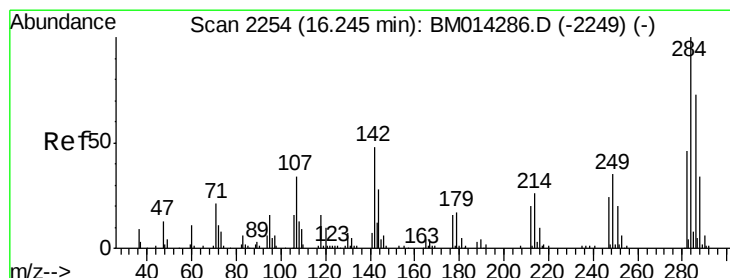
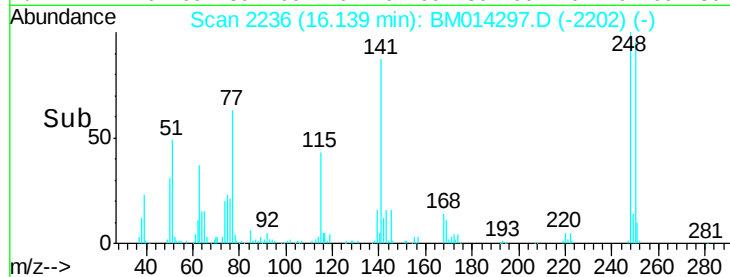
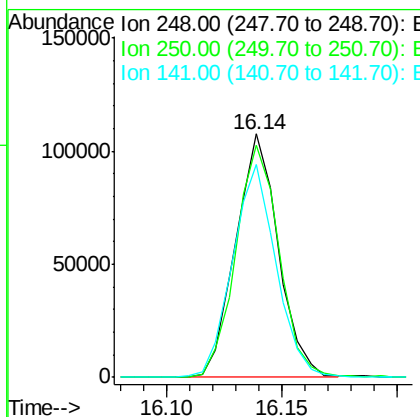
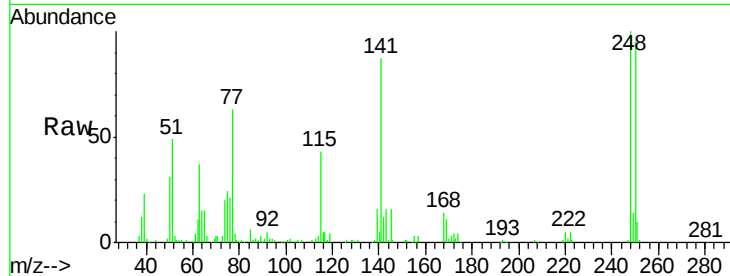




#65
4-Bromophenyl-phenylether
Concen: 20.016 ng/ul
RT: 16.14 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BM014297.D
Acq: 19 Feb 2018 16:30

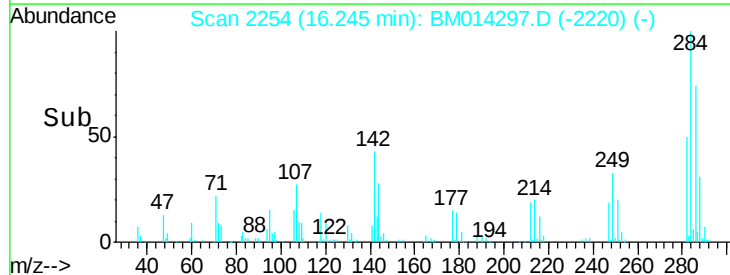
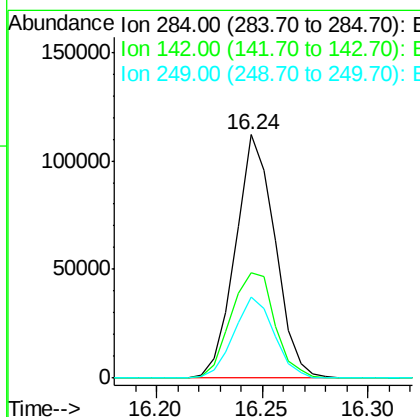
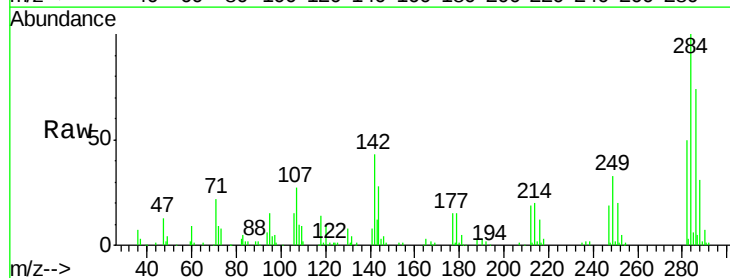
Instrument :
BNA_M
ClientSampled :

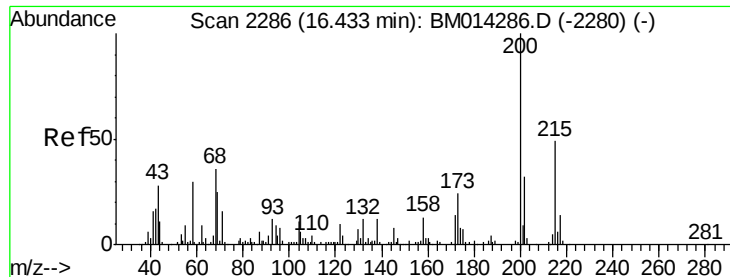
Tot Ion:248 Resp: 138610
Ion Ratio Lower Upper
248 100
250 95.3 80.5 120.7
141 87.2 53.6 80.4#



#66
Hexachlorobenzene
Concen: 20.032 ng/ul
RT: 16.24 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BM014297.D
Acq: 19 Feb 2018 16:30

Tgt Ion:284 Resp: 145881
Ion Ratio Lower Upper
284 100
142 43.2 21.2 31.8#
249 33.0 24.5 36.7





#67

Atrazine

Concen: 20.096 ng/ul

RT: 16.43 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampled :

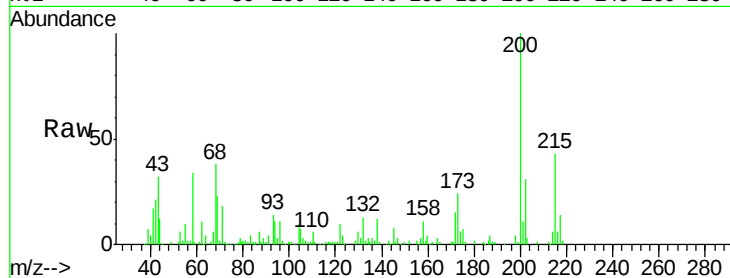
Tot Ion:200 Resp: 141536

Ion Ratio Lower Upper

200 100

173 23.7 18.2 27.2

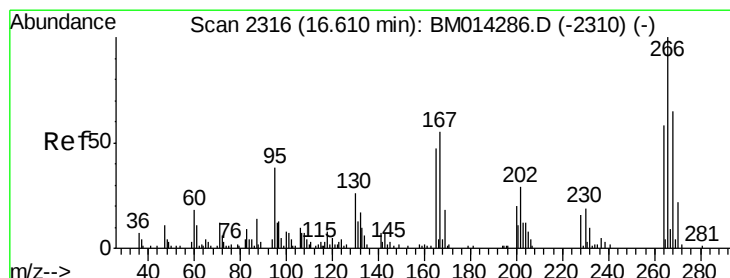
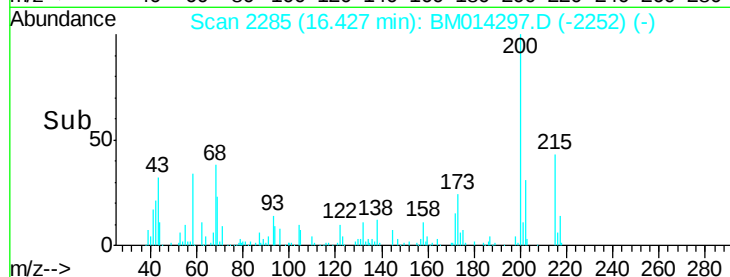
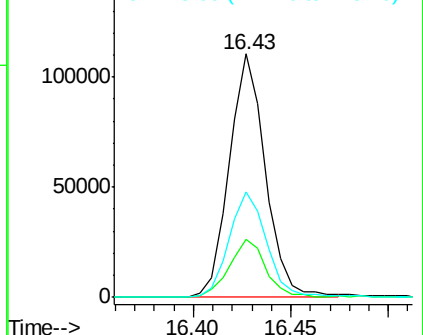
215 43.4 35.0 52.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 17.746 ng/ul

RT: 16.60 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

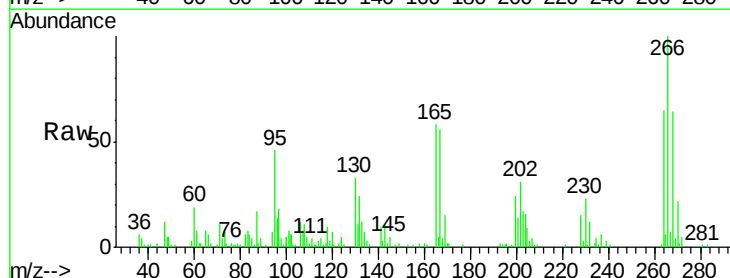
Tgt Ion:266 Resp: 67717

Ion Ratio Lower Upper

266 100

264 65.0 49.3 73.9

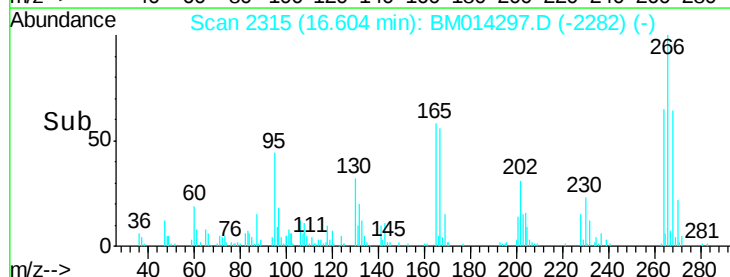
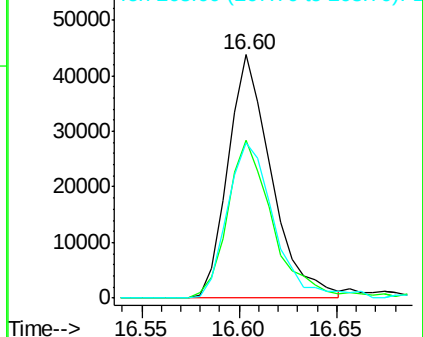
268 63.7 52.6 78.8

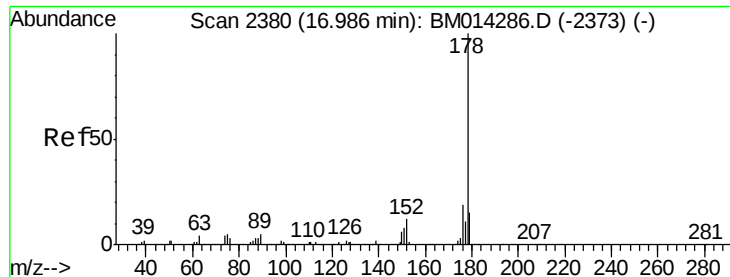


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.930 ng/ul

RT: 16.99 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

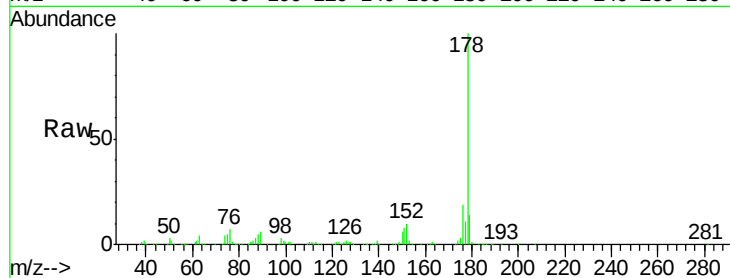
Tot Ion:178 Resp: 712621

Ion Ratio Lower Upper

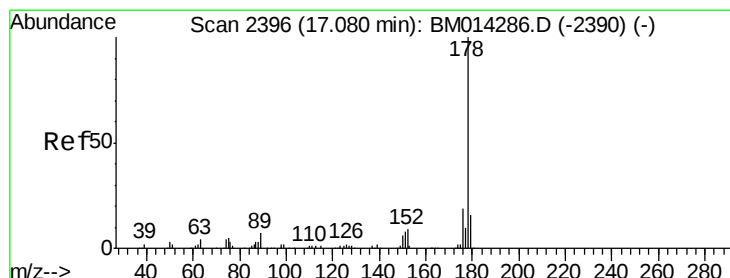
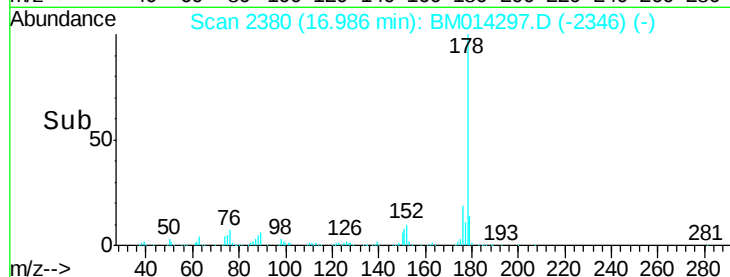
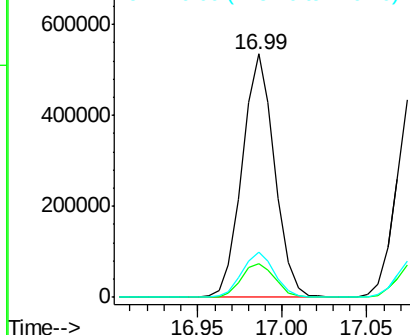
178 100

179 13.7 12.6 19.0

176 18.6 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: 20.036 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

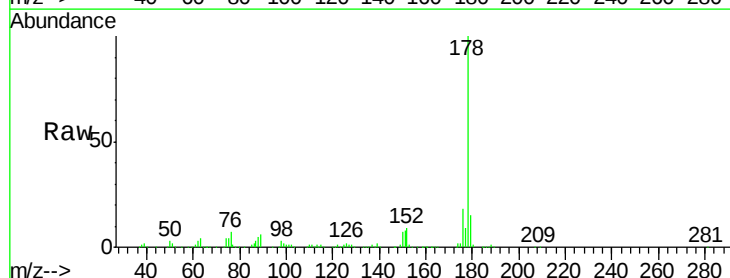
Tgt Ion:178 Resp: 720467

Ion Ratio Lower Upper

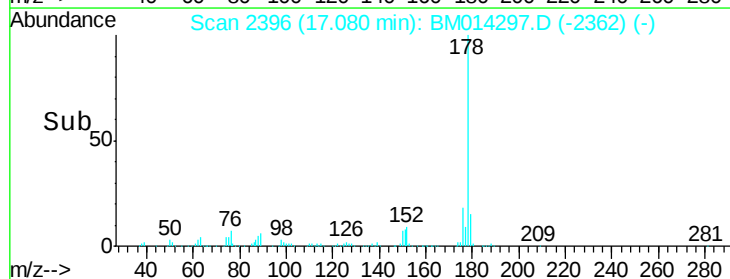
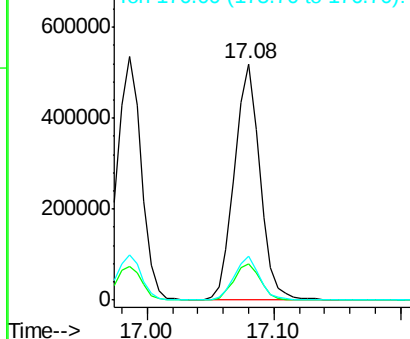
178 100

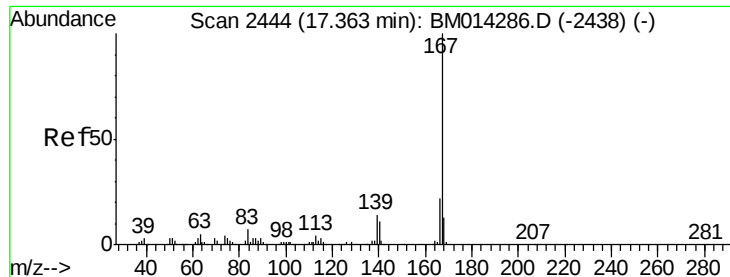
179 15.2 11.7 17.5

176 18.4 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

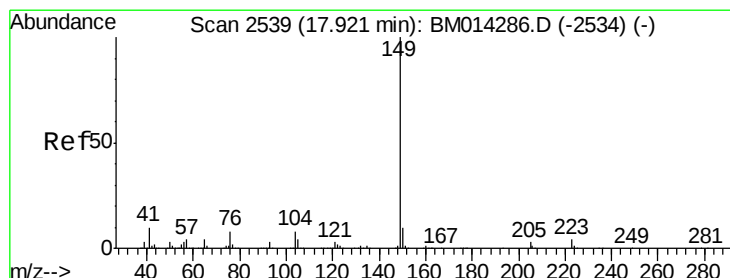
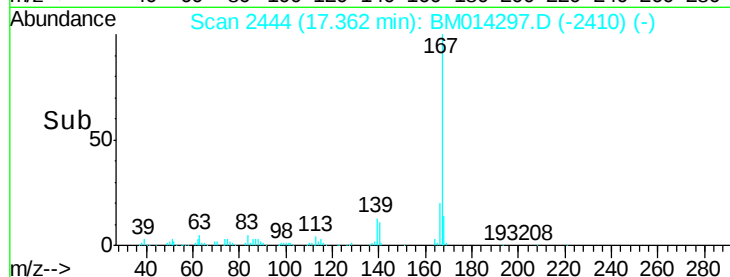
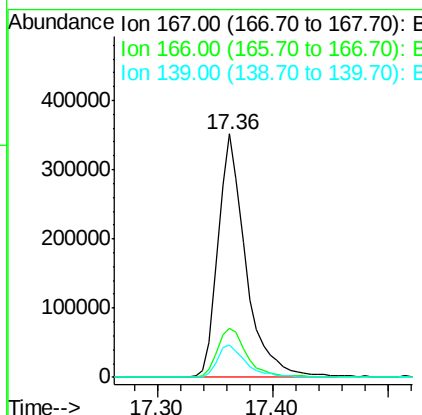
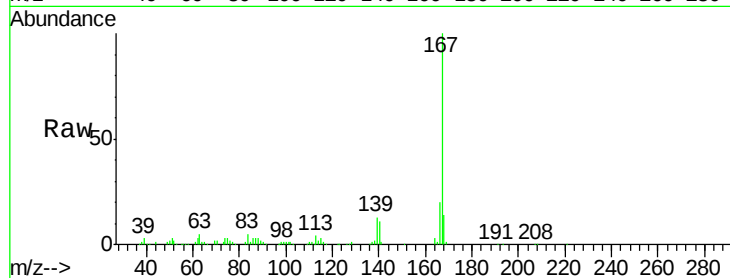




#72
 Carbazole
 Concen: 19.419 ng/ul
 RT: 17.36 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

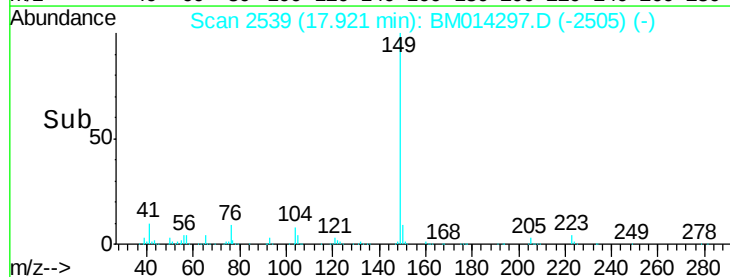
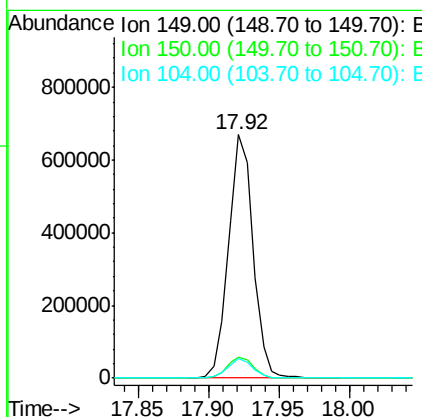
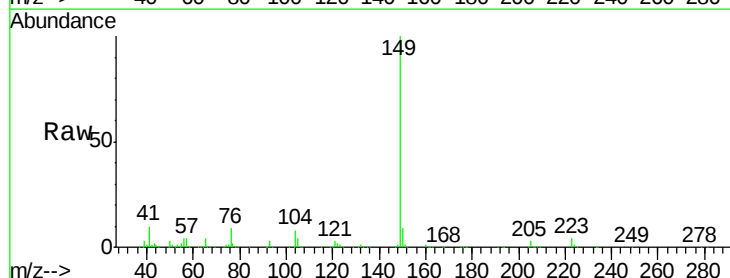
Instrument :
 BNA_M
 ClientSampleId :

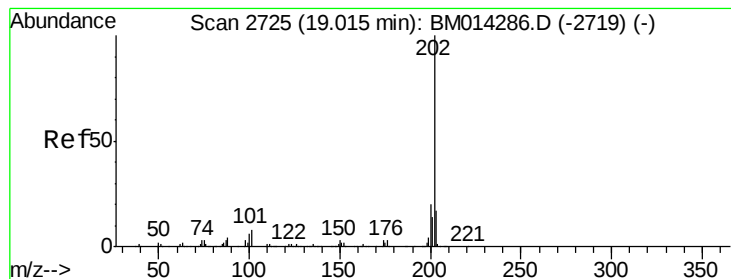
Tot Ion:167 Resp: 587158
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.1 25.7
 139 13.4 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 20.789 ng/ul
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BM014297.D
 Acq: 19 Feb 2018 16:30

Tgt Ion:149 Resp: 810957
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.1 10.7
 104 8.2 5.6 8.4





#74

Fluoranthene

Concen: 20.407 ng/ul

RT: 19.02 min Scan# 2725

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

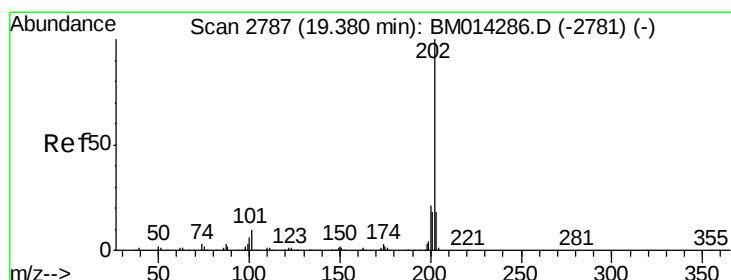
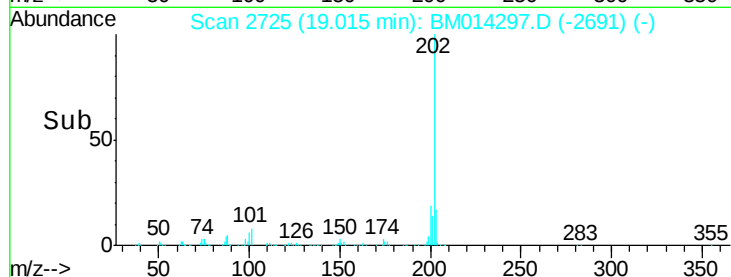
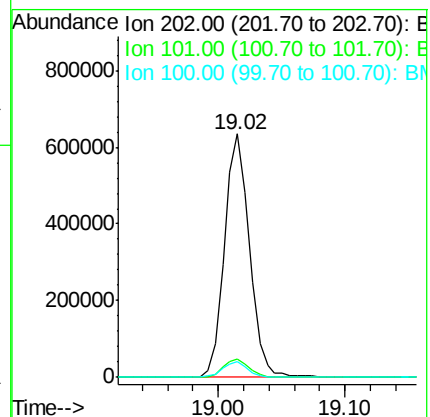
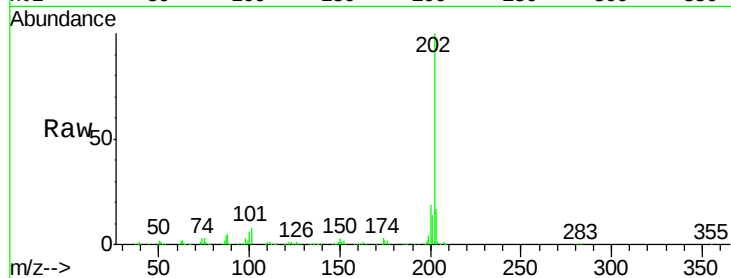
Tot Ion:202 Resp: 871771

Ion Ratio Lower Upper

202 100

101 7.6 4.6 7.0#

100 6.3 3.4 5.2#



#77

Pyrene

Concen: 19.256 ng/ul

RT: 19.38 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

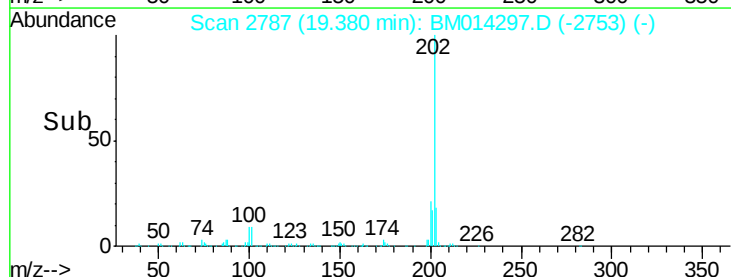
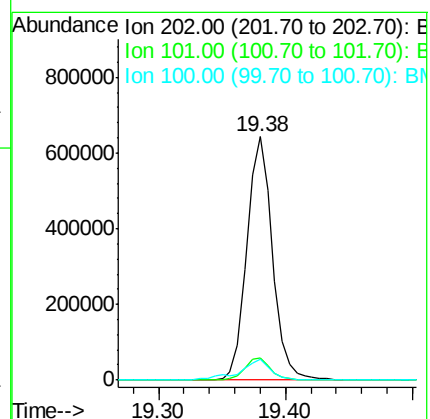
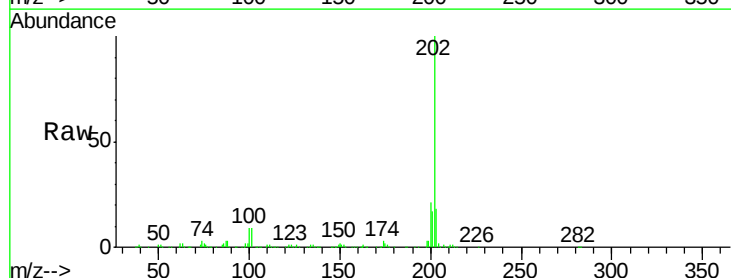
Tgt Ion:202 Resp: 901091

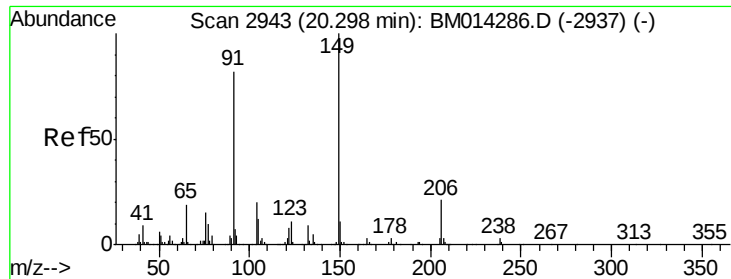
Ion Ratio Lower Upper

202 100

101 9.0 5.1 7.7#

100 8.5 4.9 7.3#





#78

Butylbenzylphthalate

Concen: 19.260 ng/ul

RT: 20.29 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

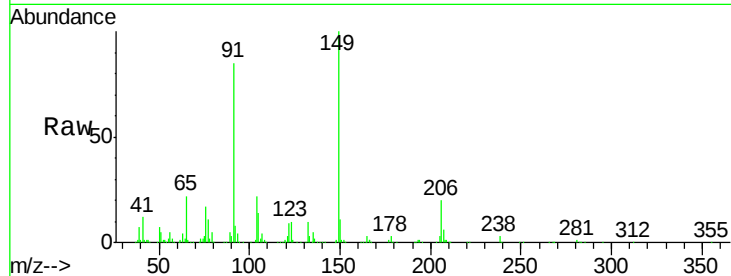
Tot Ion:149 Resp: 372647

Ion Ratio Lower Upper

149 100

91 85.0 62.7 94.1

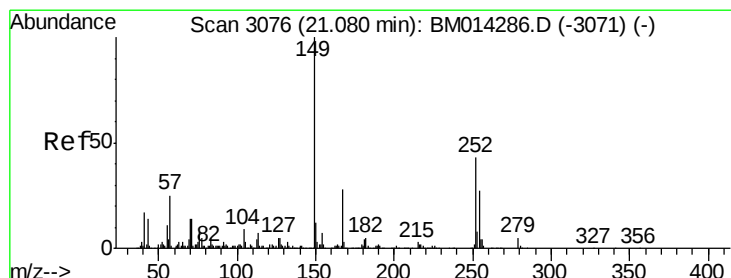
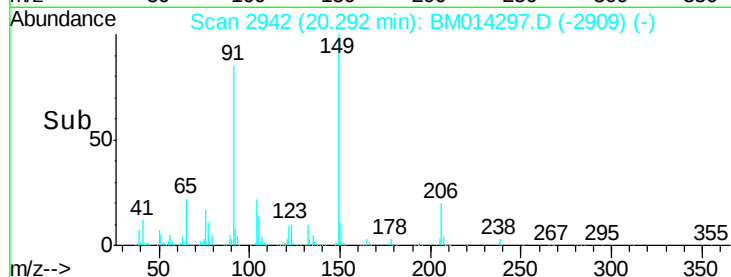
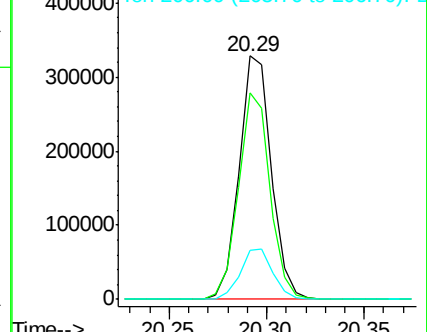
206 20.3 20.8 31.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 16.460 ng/ul

RT: 21.08 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

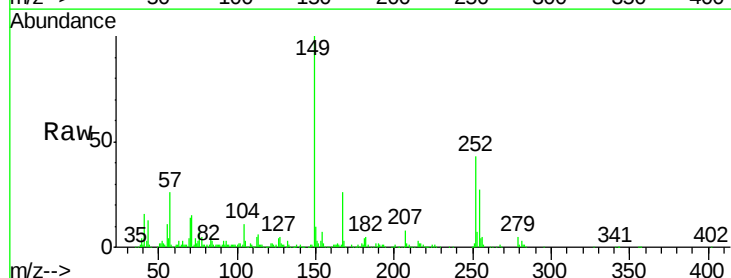
Tgt Ion:252 Resp: 203768

Ion Ratio Lower Upper

252 100

254 62.3 54.5 81.7

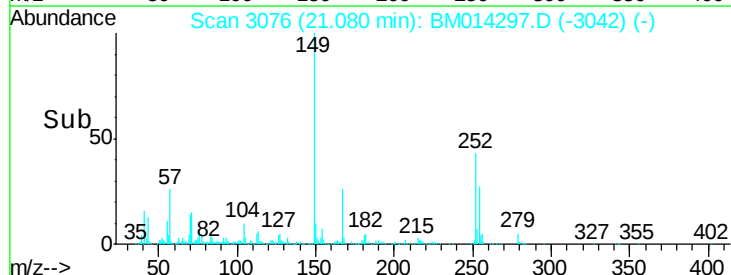
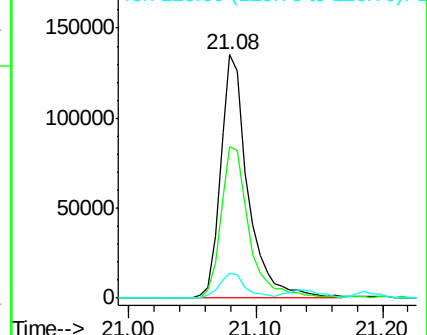
126 10.2 5.8 8.8#

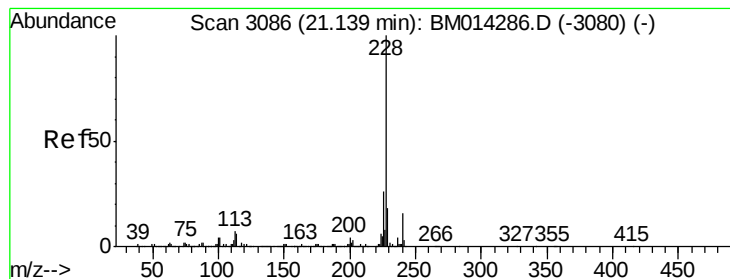


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.445 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

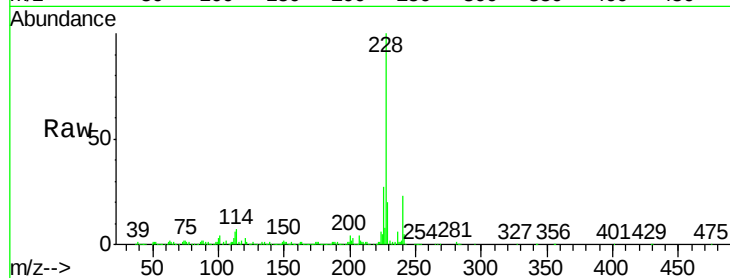
Tot Ion:228 Resp: 854510

Ion Ratio Lower Upper

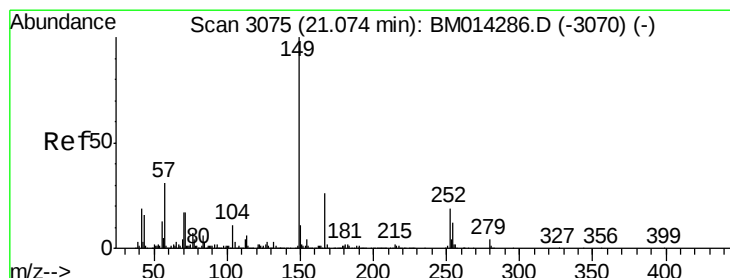
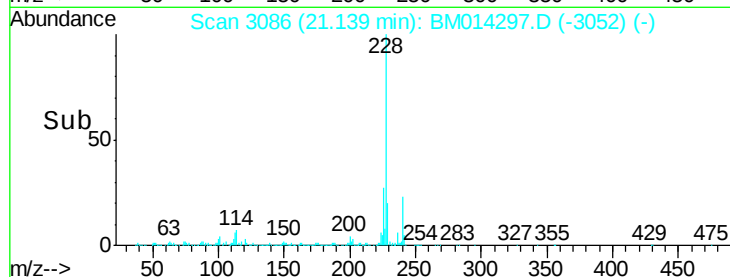
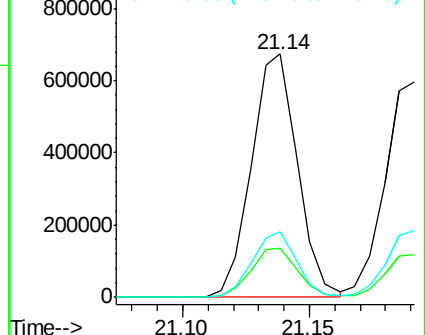
228 100

229 19.9 15.4 23.0

226 27.0 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: 20.223 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

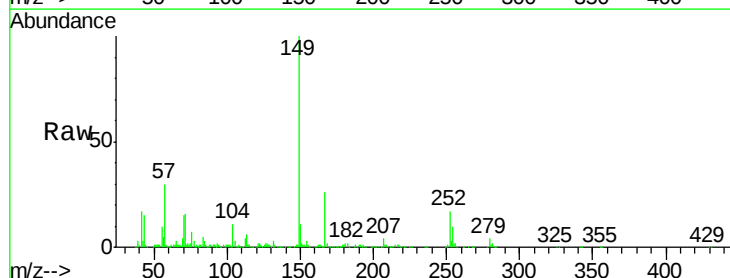
Tgt Ion:149 Resp: 560403

Ion Ratio Lower Upper

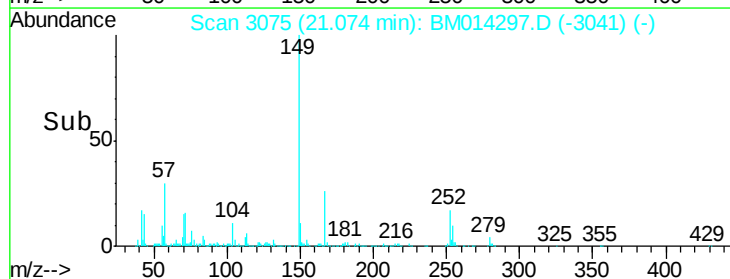
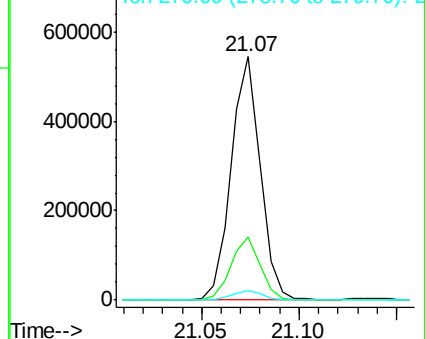
149 100

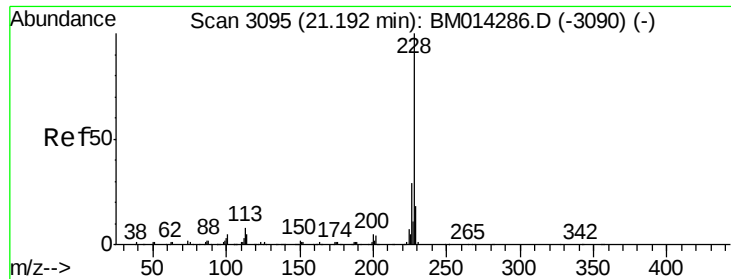
167 25.8 22.8 34.2

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: 19.430 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

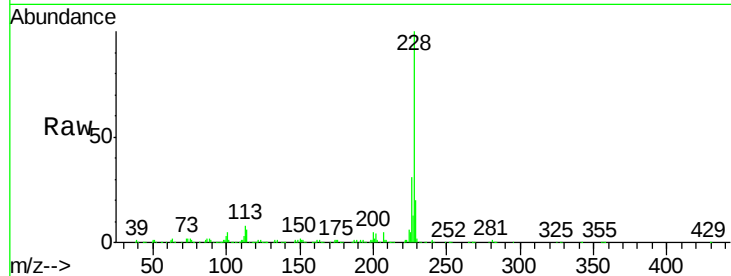
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 796538

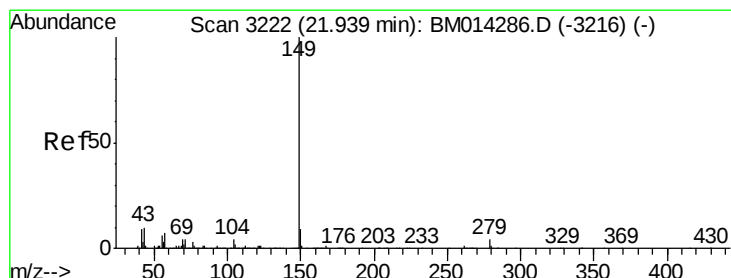
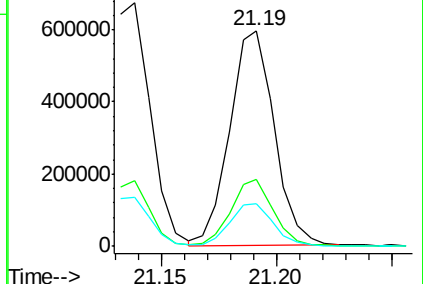
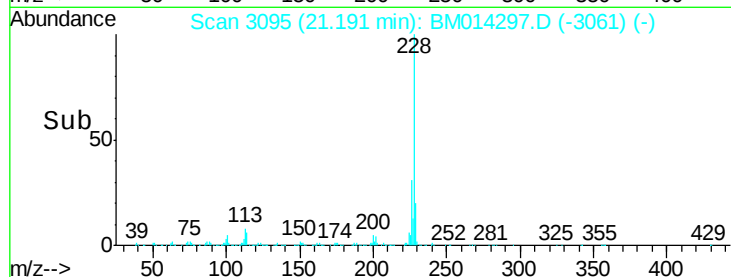
Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.2
229	19.9	15.5	23.3



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: 17.706 ng/ul

RT: 21.93 min Scan# 3221

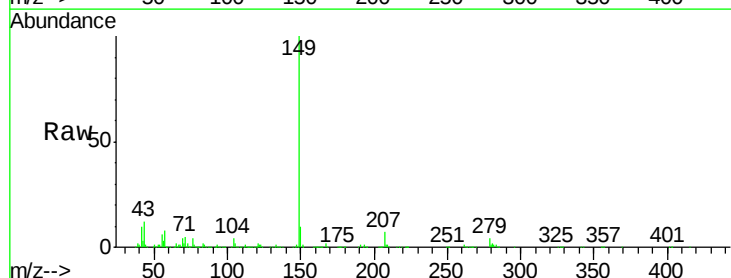
Delta R.T. -0.01 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Tgt Ion:149 Resp: 885936

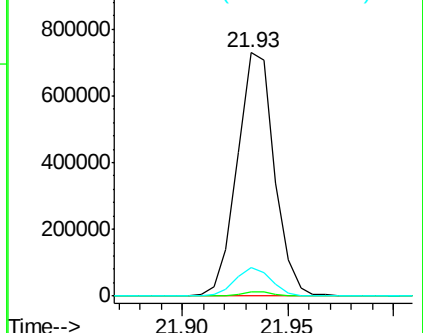
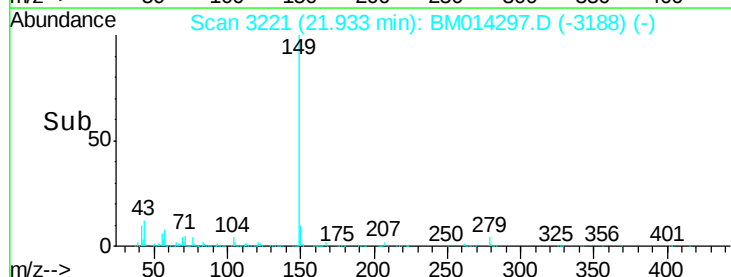
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.9	7.3	10.9

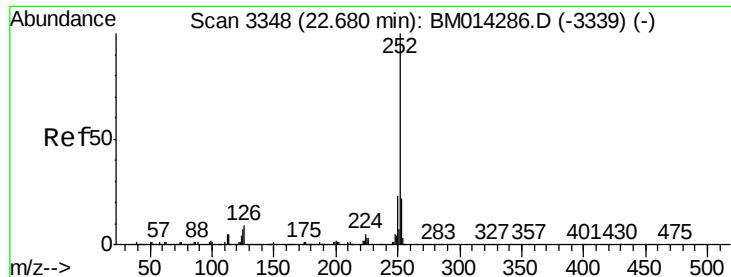


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 19.214 ng/ul

RT: 22.68 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

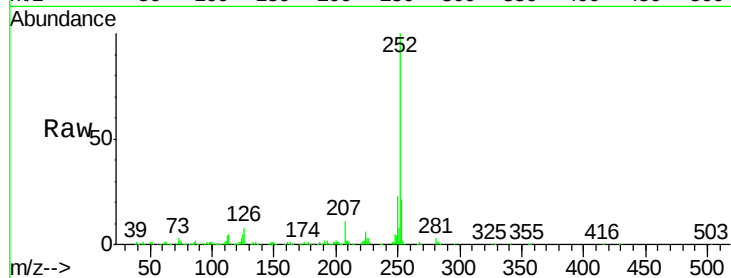
Tot Ion:252 Resp: 750167

Ion Ratio Lower Upper

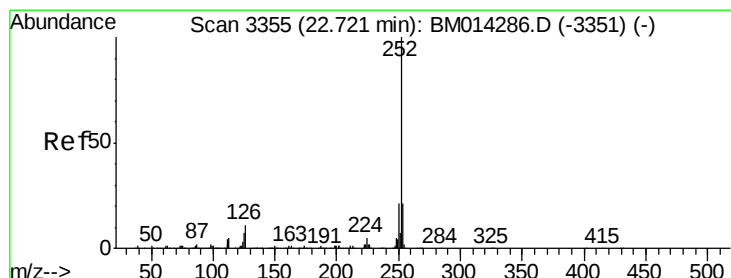
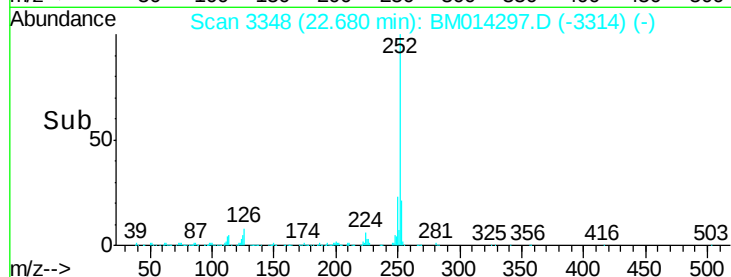
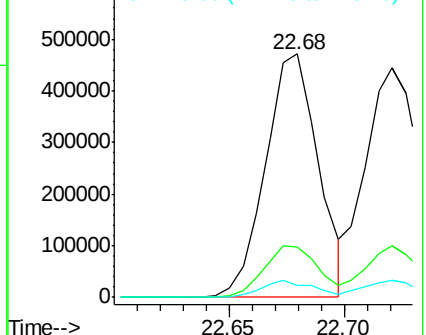
252 100

253 20.9 17.9 26.9

125 5.2 3.6 5.4



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



#86

Benzo(k)fluoranthene

Concen: 20.209 ng/ul

RT: 22.68 min Scan# 3348

Delta R.T. -0.04 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

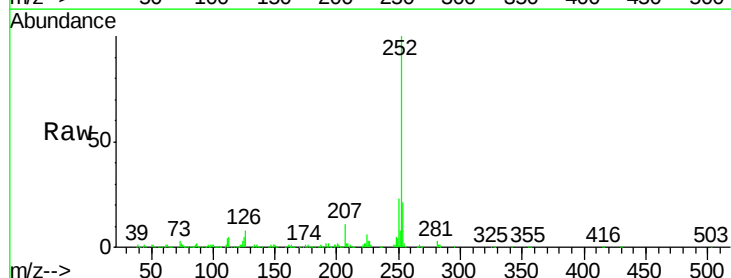
Tgt Ion:252 Resp: 750167

Ion Ratio Lower Upper

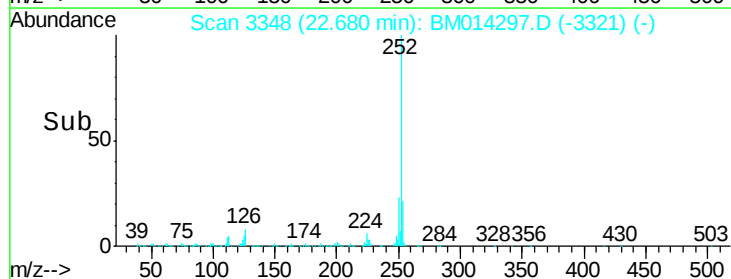
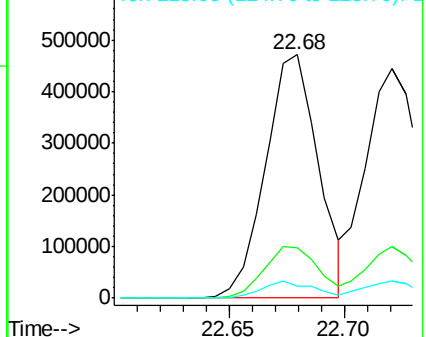
252 100

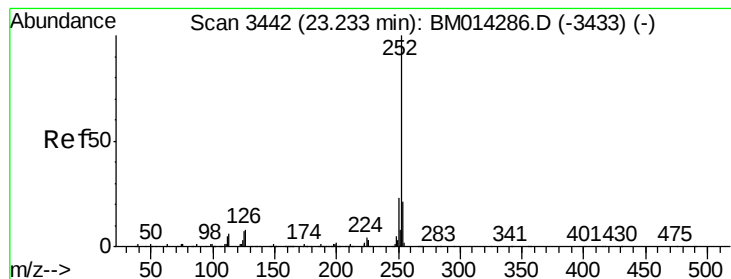
253 20.9 17.1 25.7

125 5.2 3.4 5.2



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





#88

Benzo(a)pyrene

Concen: 19.905 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

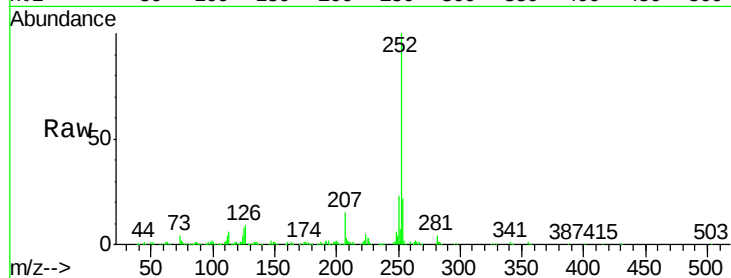
Tot Ion:252 Resp: 694449

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

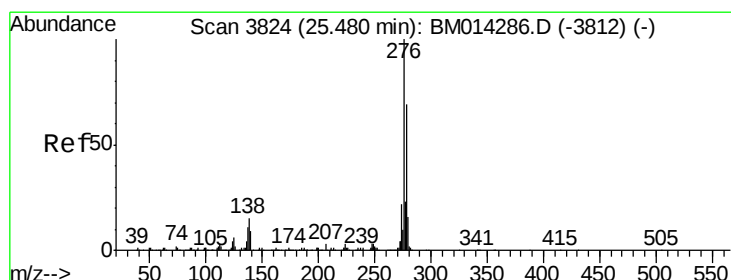
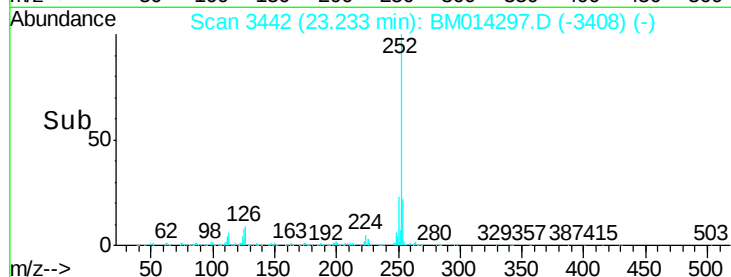
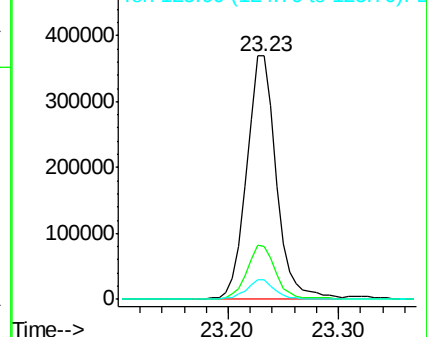
125 7.8 4.0 6.0#



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: 19.396 ng/ul

RT: 25.48 min Scan# 3824

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

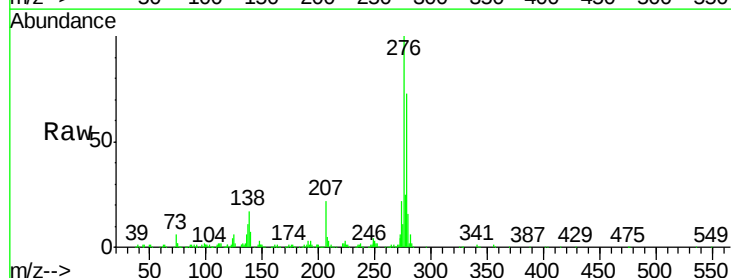
Tgt Ion:276 Resp: 656641

Ion Ratio Lower Upper

276 100

138 17.1 9.3 13.9#

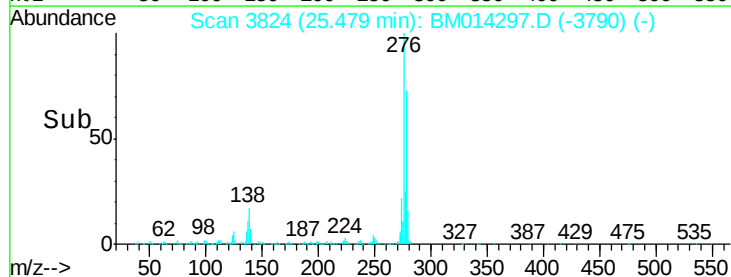
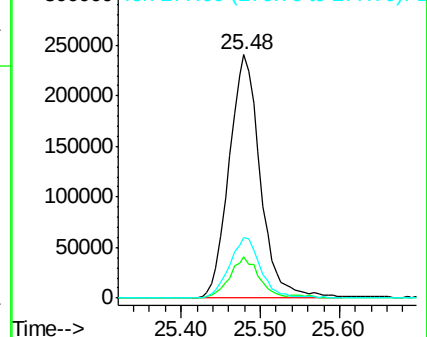
277 25.0 19.9 29.9

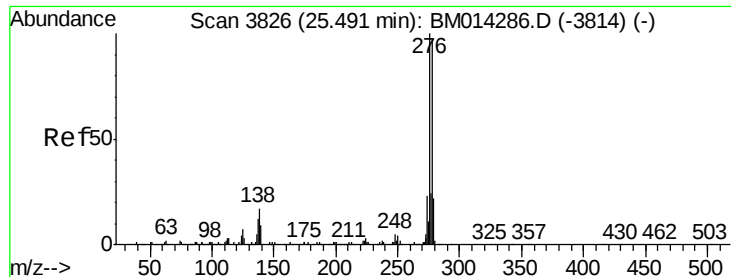


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 19.279 ng/ul

RT: 25.49 min Scan# 3825

Delta R.T. -0.01 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

Instrument :

BNA_M

ClientSampleId :

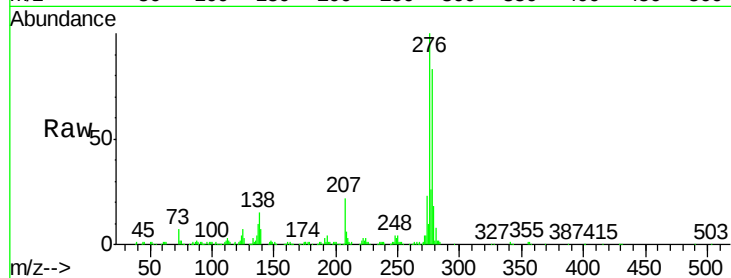
Tot Ion:278 Resp: 542331

Ion Ratio Lower Upper

278 100

139 8.9 5.8 8.8#

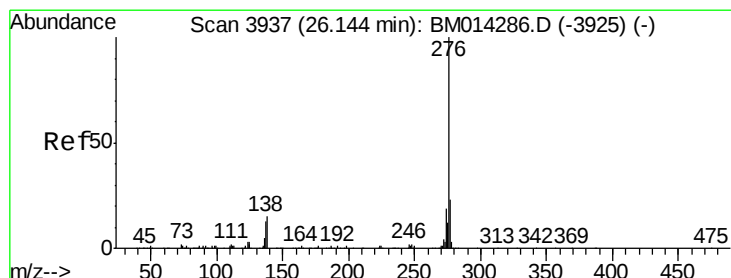
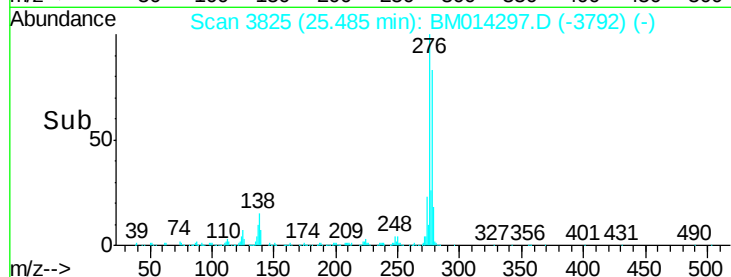
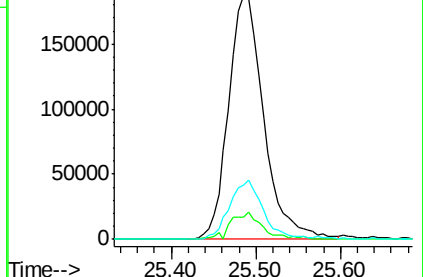
279 22.2 18.6 27.8



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: 18.467 ng/ul

RT: 26.14 min Scan# 3937

Delta R.T. -0.00 min

Lab File: BM014297.D

Acq: 19 Feb 2018 16:30

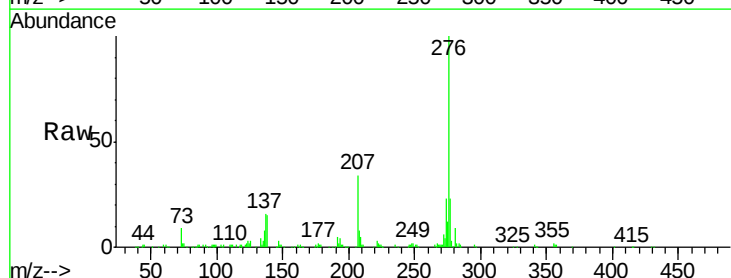
Tgt Ion:276 Resp: 506469

Ion Ratio Lower Upper

276 100

138 14.7 8.5 12.7#

277 22.7 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

