

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101817\
 Data File : BM012282.D
 Acq On : 18 Oct 2017 16:52
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 18 23:04:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 18 08:12:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	120026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	513027	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	424427	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	850500	20.00	ng/ul	-0.01
75) Chrysene-d12	21.36	240	948357	20.00	ng/ul	-0.01
83) Perylene-d12	23.66	264	827915	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	16649	6.59	ng/uL	0.00
5) Phenol-d5	6.96	99	169092	17.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	92703	15.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	156261	18.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	156788	18.70	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	74537	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	91879	20.08	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	185811	21.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	209244	25.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	784554	20.91	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	993300	21.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	89794	15.92	ng/ul	0.00
57) Fluorene-d10	15.43	176	505988	16.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	100995	17.30	ng/ul	0.00
70) Anthracene-d10	17.28	188	821005	19.52	ng/ul	0.00
76) Pyrene-d10	19.58	212	957768	19.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	783989	19.64	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	18978	7.364	ng/uL 92
4) Benzaldehyde	6.93	77	110399	16.965	ng/ul 96
6) Phenol	6.98	94	173212	17.206	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.20	93	132874	17.320	ng/ul 99
10) 2-Chlorophenol	7.35	128	157530	18.685	ng/ul 99
11) 2-Methylphenol	8.23	108	139491	18.423	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	131401	13.489	ng/ul 99
14) Acetophenone	8.61	105	237083	18.606	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.59	70	120357	17.624	ng/ul 98
16) 4-Methylphenol	8.56	108	154873	18.561	ng/ul 93
17) Hexachloroethane	8.85	117	65810	18.499	ng/ul 99
20) Nitrobenzene	8.99	77	169164	17.391	ng/ul 97
21) Isophorone	9.52	82	334088	18.384	ng/ul 99
23) 2-Nitrophenol	9.70	139	100263	20.438	ng/ul 89
24) 2,4-Dimethylphenol	9.76	107	189698	19.187	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.99	93	197568	18.541	ng/ul 98
27) 2,4-Dichlorophenol	10.24	162	180014	20.923	ng/ul 96
28) Naphthalene	10.63	128	517608	19.501	ng/ul 98
30) 4-Chloroaniline	10.76	127	207625	25.830	ng/ul 97
31) Hexachlorobutadiene	10.90	225	143846	22.558	ng/ul 98
32) Caprolactam	11.55	113	57629	21.217	ng/ul 85
33) 4-Chloro-3-methylphenol	11.89	107	179881	19.956	ng/ul 93
34) 2-Methylnaphthalene	12.25	142	409225	20.431	ng/ul 98

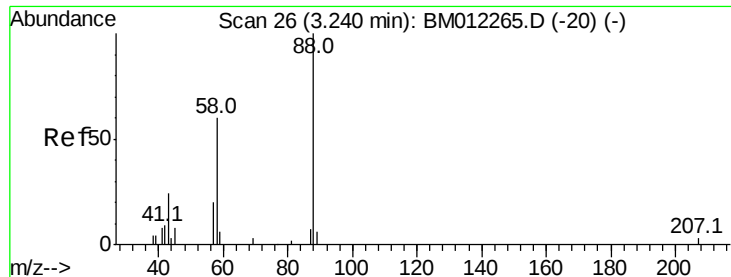
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	269825	17.513	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	151097	22.004	ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	172353	16.872	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	215776	20.525	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	712432	19.889	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	563557	20.051	ng/ul	98
42) 2-Nitroaniline	13.53	65	149260	19.086	ng/ul	93
44) Dimethylphthalate	13.89	163	754028	20.063	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	158610	21.262	ng/ul	99
47) Acenaphthylene	14.16	152	977834	21.930	ng/ul	98
48) 3-Nitroaniline	14.36	138	135406	23.330	ng/ul	97
49) Acenaphthene	14.50	153	594848	19.806	ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	59213	13.978	ng/ul	96
52) 4-Nitrophenol	14.69	109	82785	16.334	ng/ul	97
53) Dibenzofuran	14.83	168	929630	21.496	ng/ul	99
54) 2,4-Dinitrotoluene	14.82	165	241116	22.301	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.07	232	199107	20.696	ng/ul	91
56) Diethylphthalate	15.25	149	699485	17.218	ng/ul	99
58) Fluorene	15.49	166	579377	16.131	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	326165	17.287	ng/ul	97
60) 4-Nitroaniline	15.53	138	96617	13.482	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.59	198	106718	17.319	ng/ul	97
64) N-Nitrosodiphenylamine	15.69	169	503716	18.922	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	212488	20.871	ng/ul	98
66) Hexachlorobenzene	16.49	284	231959	20.112	ng/ul	93
67) Atrazine	16.64	200	225776	20.283	ng/ul	100
68) Pentachlorophenol	16.84	266	108056	16.798	ng/ul	98
69) Phenanthrene	17.23	178	934346	19.312	ng/ul	100
71) Anthracene	17.32	178	968248	19.331	ng/ul	100
72) Carbazole	17.59	167	786725	18.559	ng/ul	98
73) Di-n-butylphthalate	18.13	149	1062785	18.058	ng/ul	100
74) Fluoranthene	19.24	202	1194707	20.461	ng/ul	99
77) Pyrene	19.61	202	1216897	19.430	ng/ul	99
78) Butylbenzylphthalate	20.49	149	486343	17.444	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.29	252	375541	19.897	ng/ul	99
80) Benzo(a)anthracene	21.35	228	1184484	19.195	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	697572	16.674	ng/ul	99
82) Chrysene	21.40	228	1097902	18.950	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	1120315	18.509	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	1053621	19.501	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	1067554	20.504	ng/ul	99
88) Benzo(a)pyrene	23.56	252	1002918	19.695	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.00	276	1003203	18.552	ng/ul	99
90) Dibenzo(a,h)anthracene	26.00	278	836247	18.396	ng/ul	99
91) Benzo(g,h,i)perylene	26.73	276	826904	18.670	ng/ul	99

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



#2

1,4-Dioxane

Concen: 7.364 ng/uL

RT: 3.23 min Scan# 25

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

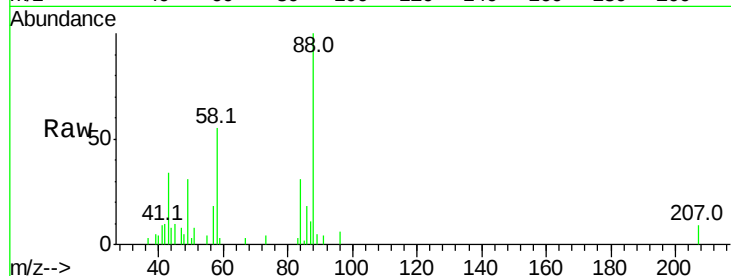
Tot Ion: 88 Resp: 18978

Ion Ratio Lower Upper

88 100

43 30.2 22.8 34.2

58 56.8 51.8 77.6

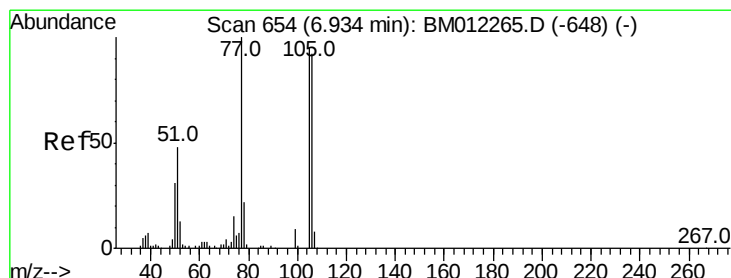
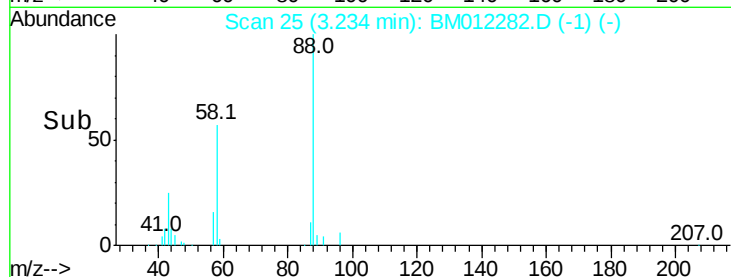


Abundance Ion 88.00 (87.70 to 88.70): BM012282.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM012282.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM012282.D (-1) (-)

Time-->



#4

Benzaldehyde

Concen: 16.965 ng/uL

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

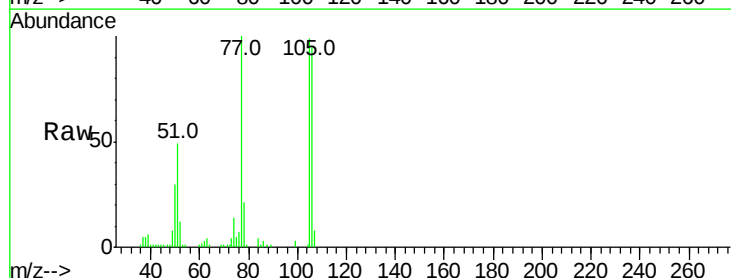
Tgt Ion: 77 Resp: 110399

Ion Ratio Lower Upper

77 100

105 98.6 78.4 117.6

106 95.5 70.6 106.0

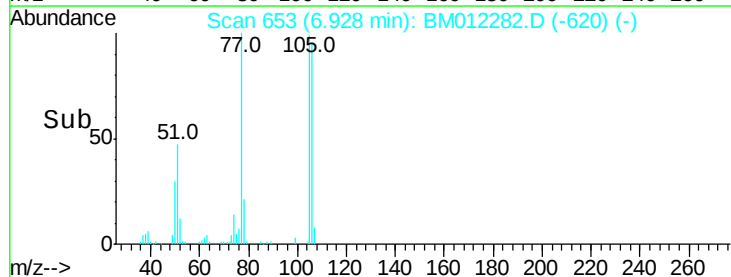


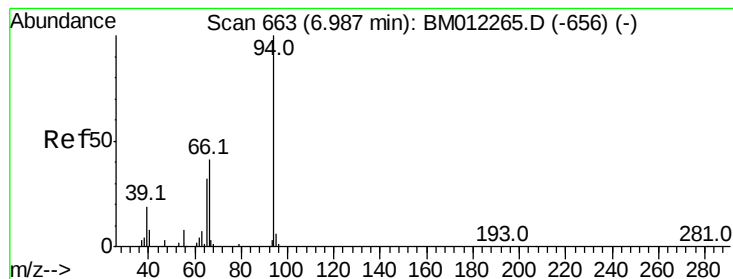
Abundance Ion 77.00 (76.70 to 77.70): BM012282.D (-620) (-)

Ion 105.00 (104.70 to 105.70): BM012282.D (-620) (-)

Ion 106.00 (105.70 to 106.70): BM012282.D (-620) (-)

Time-->





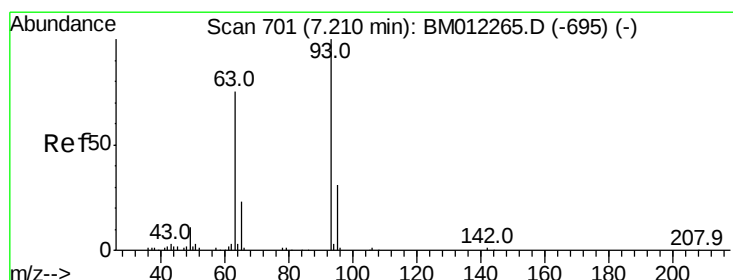
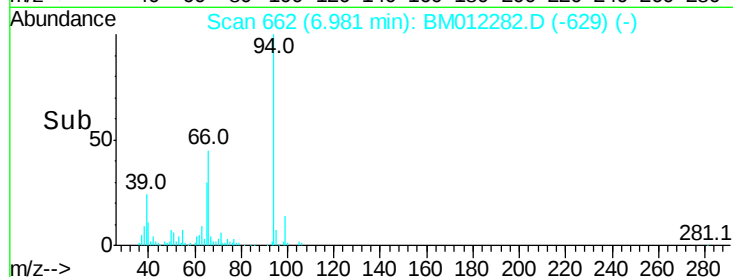
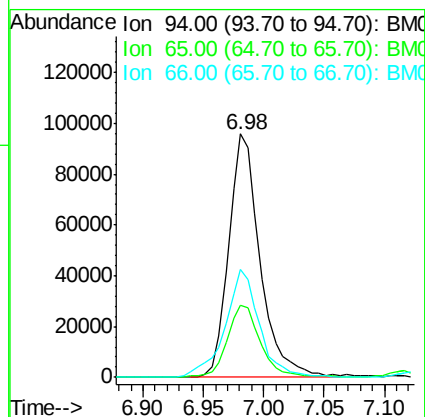
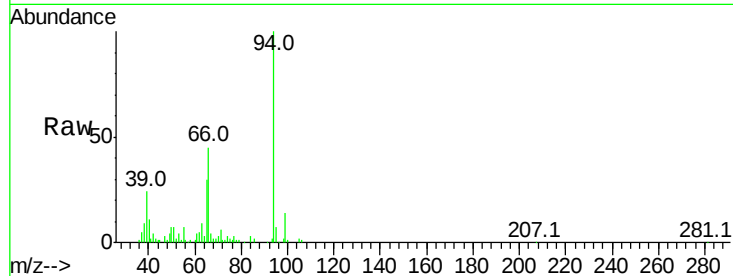
#6

Phenol

Concen: 17.206 ng/ul
 RT: 6.98 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BM012282.D
 Acq: 18 Oct 2017 16:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 173212
 Ion Ratio Lower Upper
 94 100
 65 29.6 24.4 36.6
 66 44.6 35.0 52.4

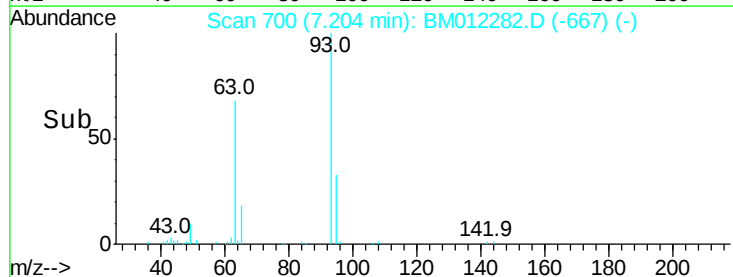
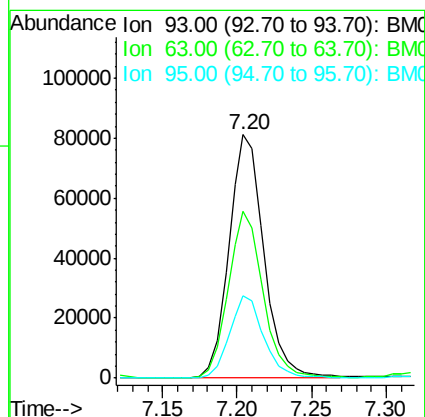
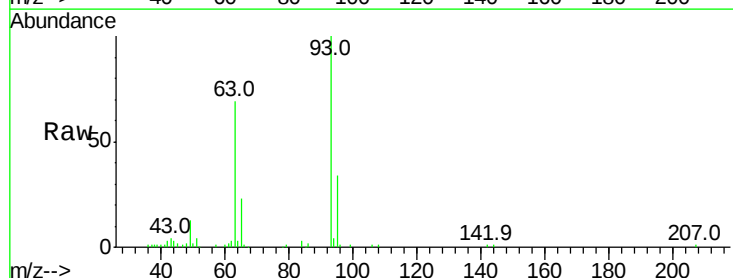


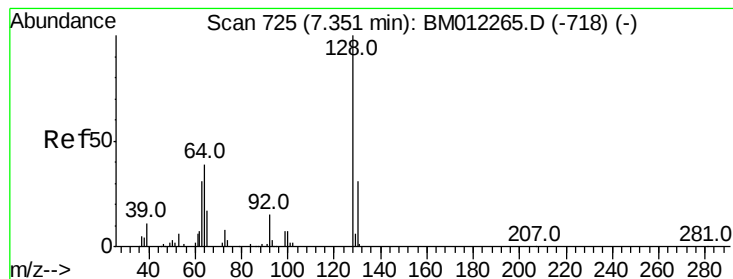
#8

Bis(2-Chloroethyl)ether

Concen: 17.320 ng/ul
 RT: 7.20 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BM012282.D
 Acq: 18 Oct 2017 16:52

Tgt Ion: 93 Resp: 132874
 Ion Ratio Lower Upper
 93 100
 63 68.7 54.6 82.0
 95 34.1 25.8 38.6





#10

2-Chlorophenol

Concen: 18.685 ng/ul

RT: 7.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampled :

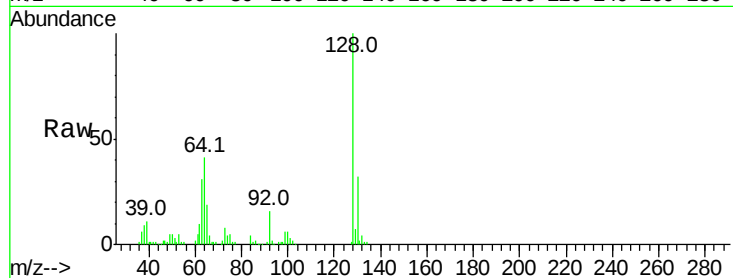
Tot Ion:128 Resp: 157530

Ion Ratio Lower Upper

128 100

64 41.4 32.7 49.1

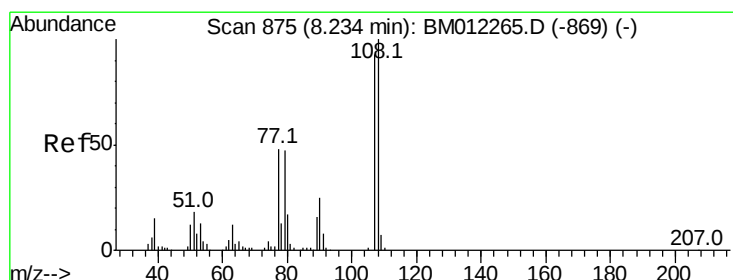
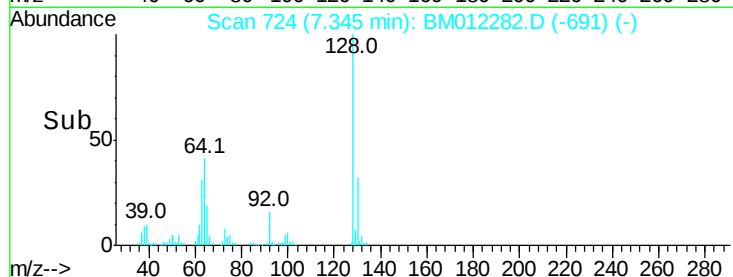
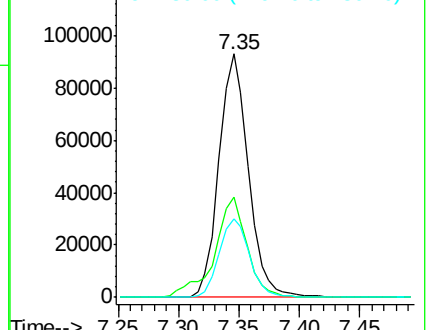
130 32.3 26.2 39.4



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: 18.423 ng/ul

RT: 8.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM012282.D

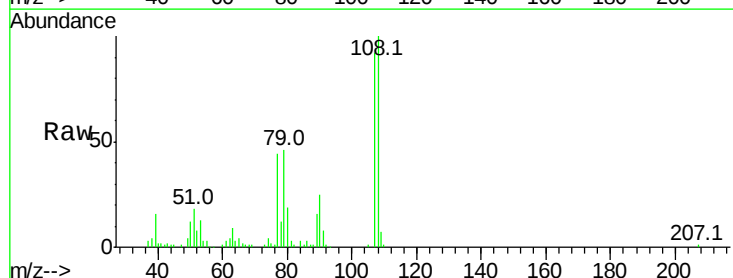
Acq: 18 Oct 2017 16:52

Tgt Ion:108 Resp: 139491

Ion Ratio Lower Upper

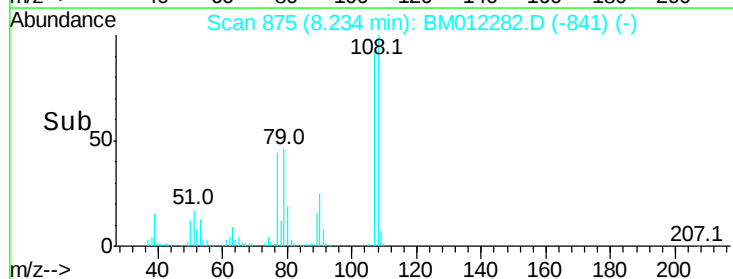
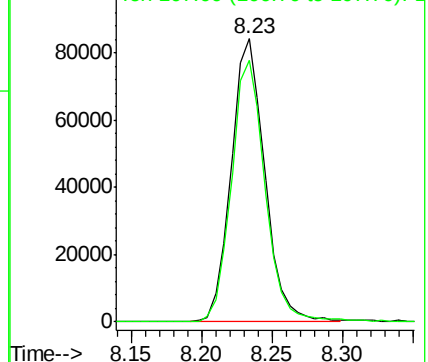
108 100

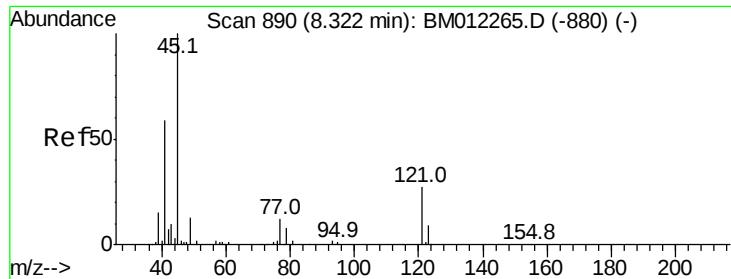
107 92.5 73.3 109.9



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: 13.489 ng/ul

RT: 8.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampled :

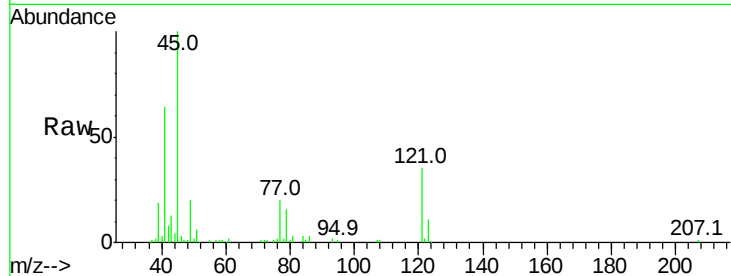
Tot Ion: 45 Resp: 131401

Ion Ratio Lower Upper

45 100

77 20.3 16.2 24.2

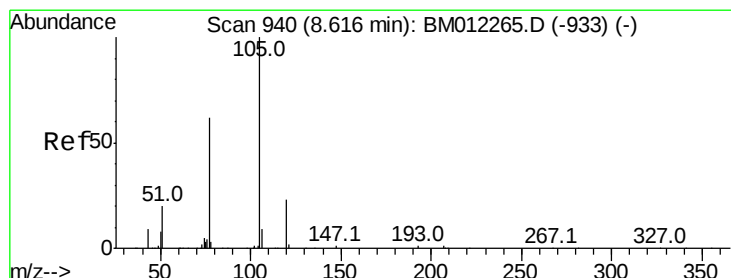
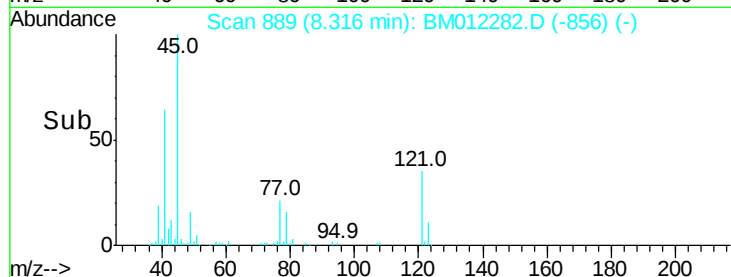
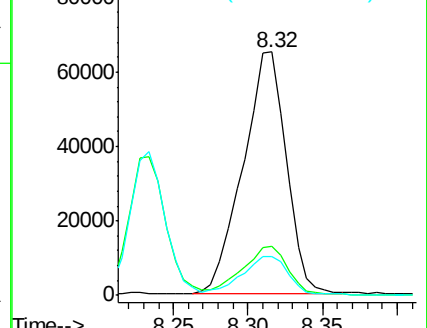
79 15.9 11.9 17.9



Abundance Ion 45.00 (44.70 to 45.70): BM012282.D (-856) (-)

Ion 77.00 (76.70 to 77.70): BM012282.D (-856) (-)

Ion 79.00 (78.70 to 79.70): BM012282.D (-856) (-)



#14

Acetophenone

Concen: 18.606 ng/ul

RT: 8.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

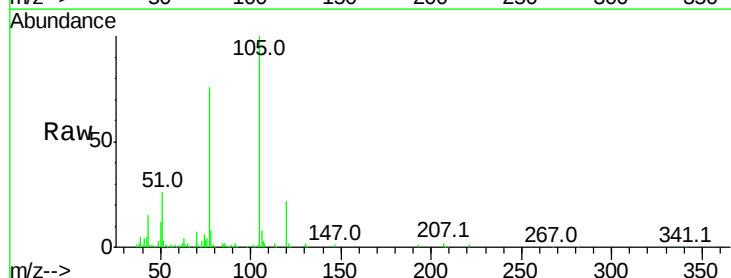
Tgt Ion: 105 Resp: 237083

Ion Ratio Lower Upper

105 100

77 76.1 61.7 92.5

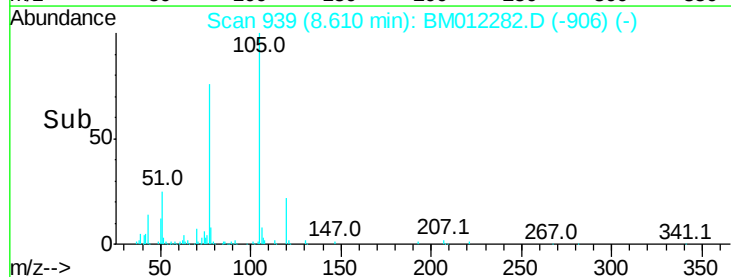
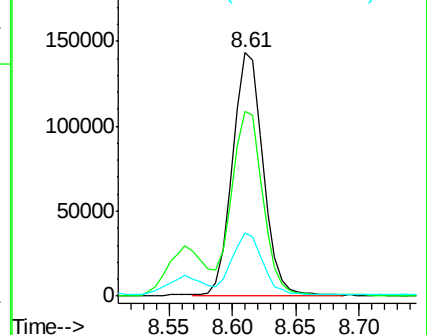
51 25.7 20.1 30.1

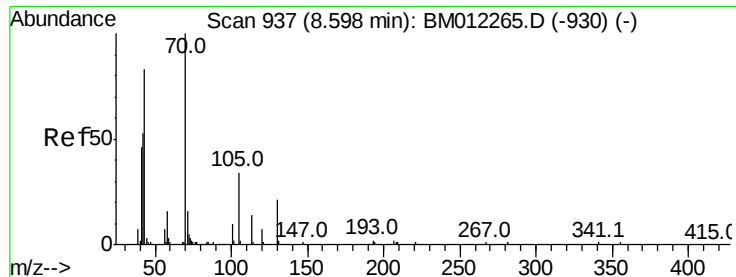


Abundance Ion 105.00 (104.70 to 105.70): BM012282.D (-906) (-)

Ion 77.00 (76.70 to 77.70): BM012282.D (-906) (-)

Ion 51.00 (50.70 to 51.70): BM012282.D (-906) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 17.624 ng/ul

RT: 8.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 120357

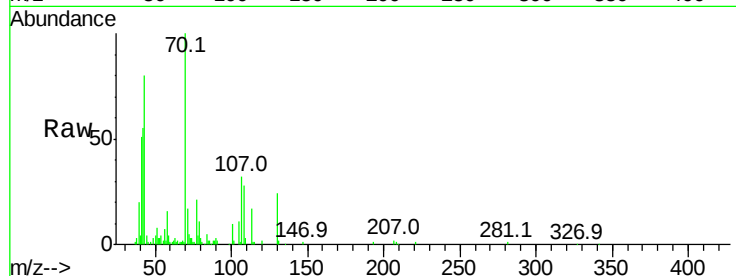
Ion Ratio Lower Upper

70 100

42 55.3 43.0 64.4

101 9.6 8.2 12.2

130 24.0 18.6 28.0

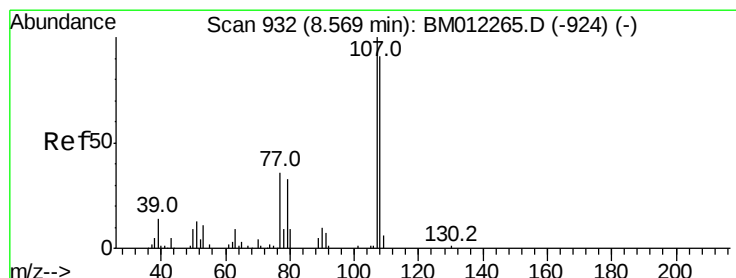
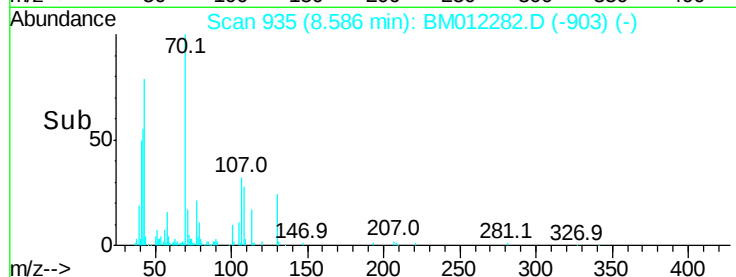
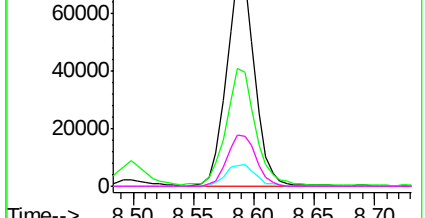


Abundance Ion 70.00 (69.70 to 70.70): BM012282.D (-935) (-)

Ion 42.00 (41.70 to 42.70): BM012282.D (-935) (-)

Ion 101.00 (100.70 to 101.70): BM012282.D (-935) (-)

Ion 130.00 (129.70 to 130.70): BM012282.D (-935) (-)



#16

4-Methylphenol

Concen: 18.561 ng/ul

RT: 8.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BM012282.D

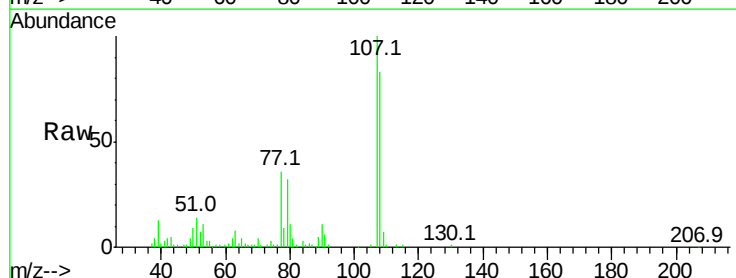
Acq: 18 Oct 2017 16:52

Tgt Ion: 108 Resp: 154873

Ion Ratio Lower Upper

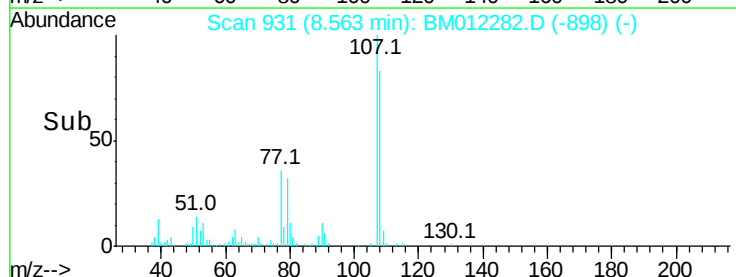
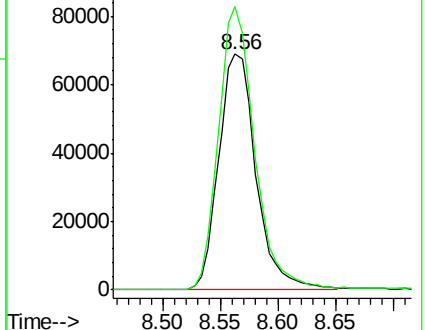
108 100

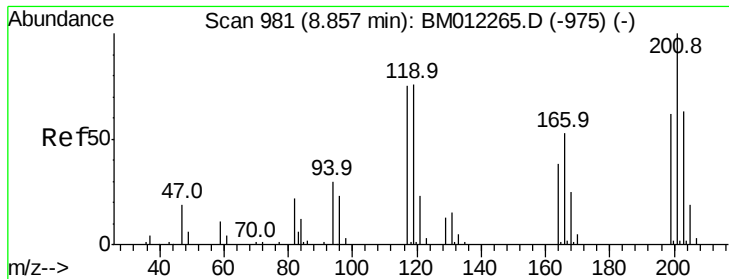
107 120.0 90.1 135.1



Abundance Ion 108.00 (107.70 to 108.70): BM012282.D (-898) (-)

Ion 107.00 (106.70 to 107.70): BM012282.D (-898) (-)

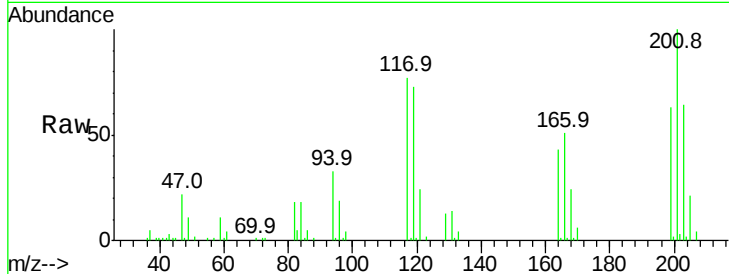




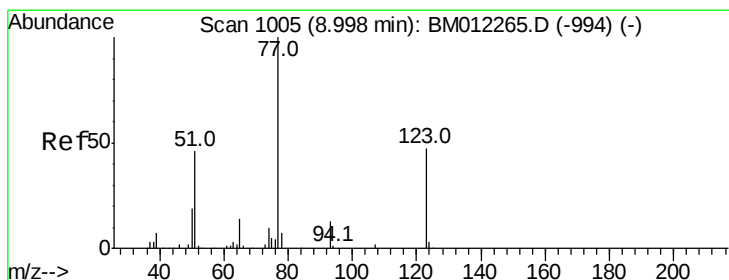
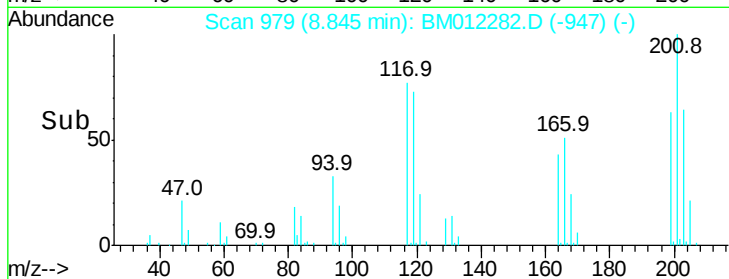
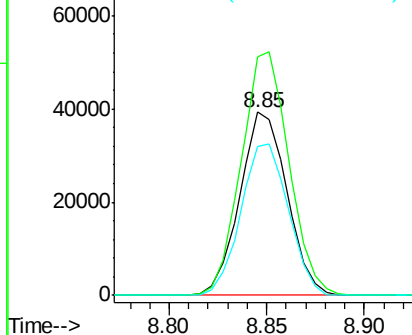
#17
Hexachloroethane
Concen: 18.499 ng/ul
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM012282.D
Acq: 18 Oct 2017 16:52

Instrument :
BNA_M
ClientSampled :

Tot Ion:117 Resp: 65810
Ion Ratio Lower Upper
117 100
201 130.3 105.0 157.4
199 81.5 63.9 95.9

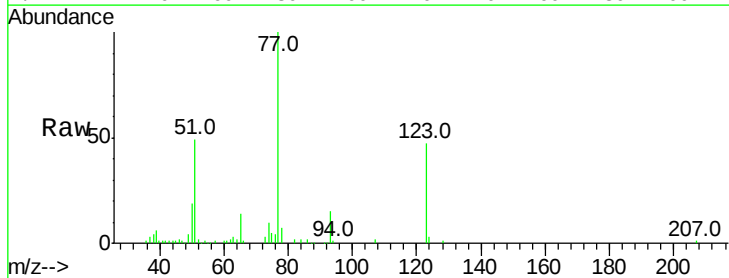


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

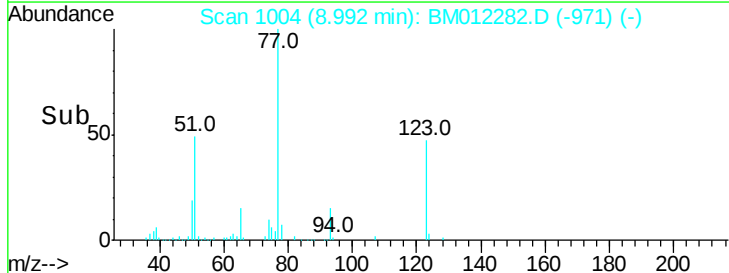
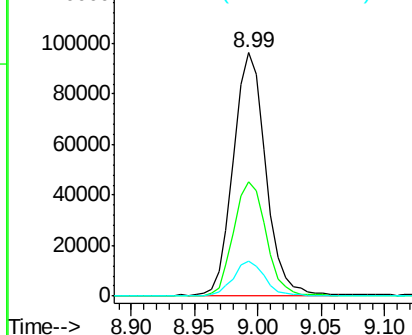


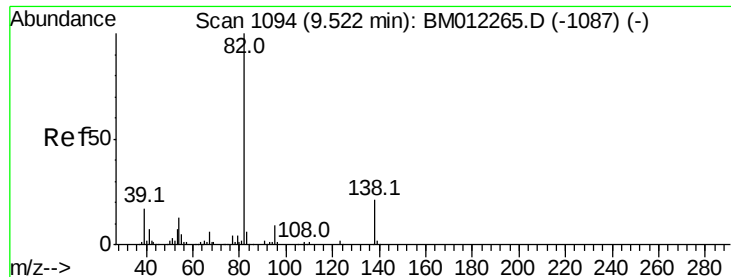
#20
Nitrobenzene
Concen: 17.391 ng/ul
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BM012282.D
Acq: 18 Oct 2017 16:52

Tgt Ion: 77 Resp: 169164
Ion Ratio Lower Upper
77 100
123 46.9 35.8 53.6
65 14.4 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 18.384 ng/ul

RT: 9.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampled :

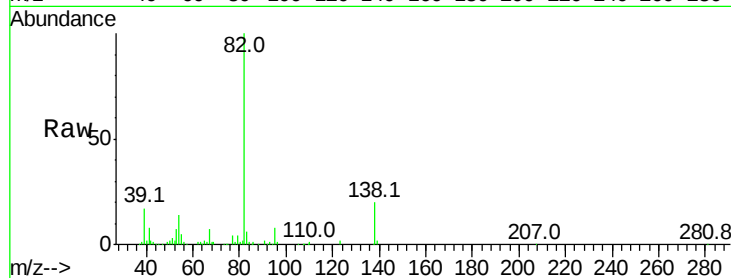
Tot Ion: 82 Resp: 334088

Ion Ratio Lower Upper

82 100

95 8.2 7.1 10.7

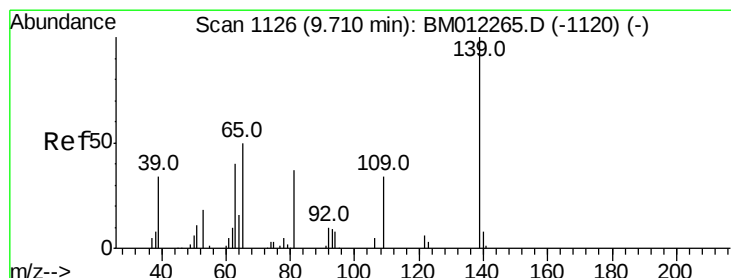
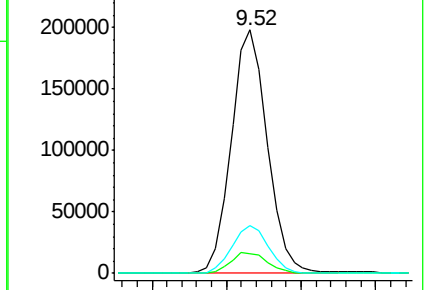
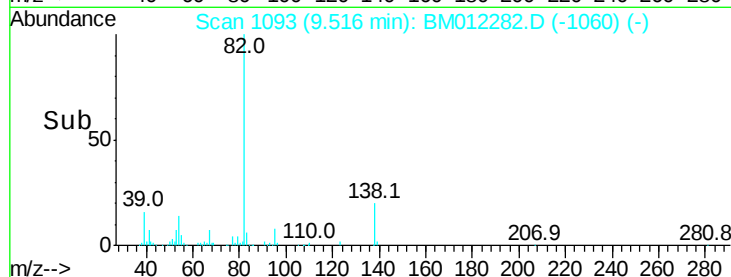
138 19.6 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BM012282.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BM012282.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BM012282.D (-1060) (-)



#23

2-Nitrophenol

Concen: 20.438 ng/ul

RT: 9.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

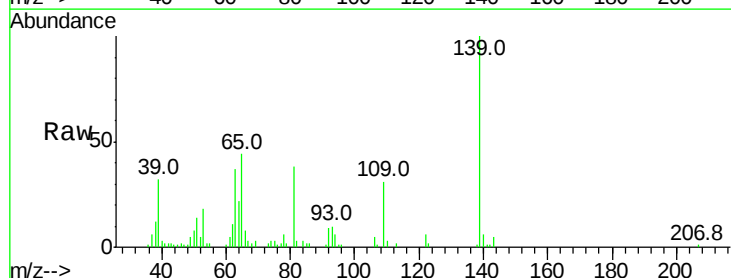
Tgt Ion: 139 Resp: 100263

Ion Ratio Lower Upper

139 100

65 43.6 40.6 61.0

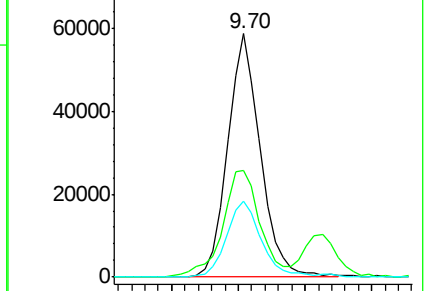
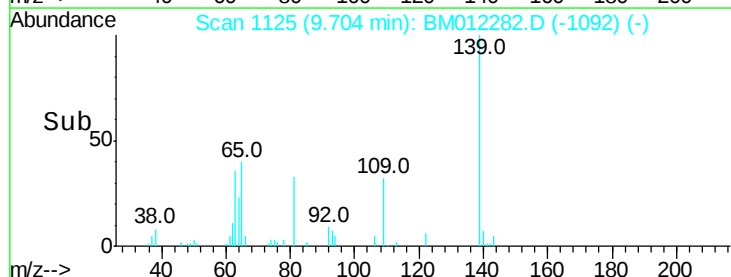
109 31.4 30.6 46.0

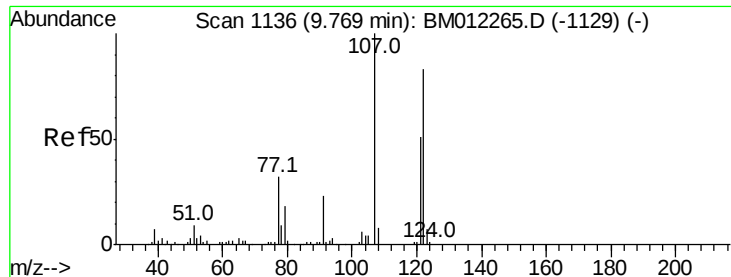


Abundance Ion 139.00 (138.70 to 139.70): BM012282.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM012282.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BM012282.D (-1092) (-)





#24

2,4-Dimethylphenol

Concen: 19.187 ng/ul

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

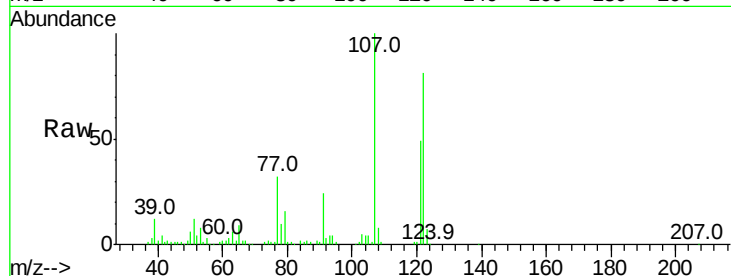
Tot Ion:107 Resp: 189698

Ion Ratio Lower Upper

107 100

121 49.0 39.8 59.8

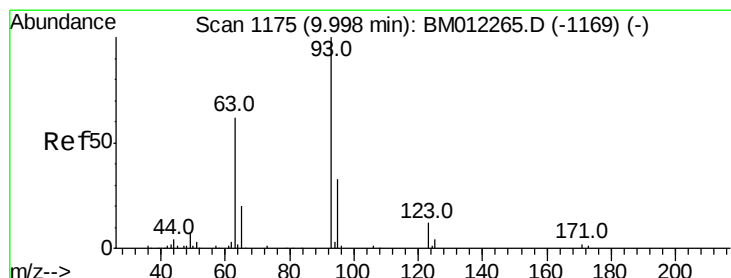
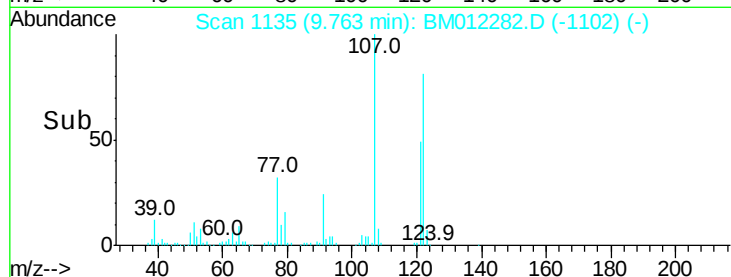
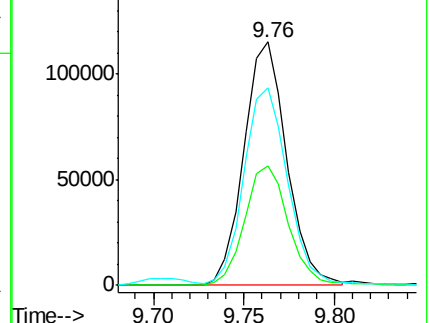
122 81.2 64.4 96.6



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: 18.541 ng/ul

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

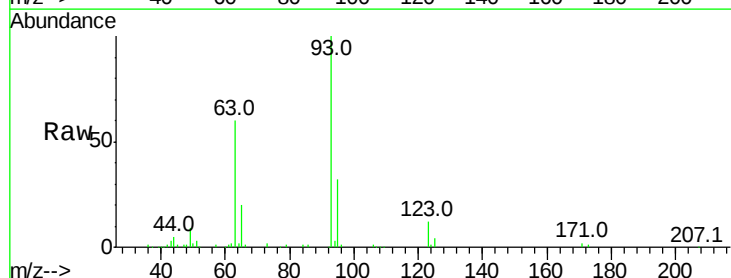
Tgt Ion: 93 Resp: 197568

Ion Ratio Lower Upper

93 100

95 31.8 26.6 40.0

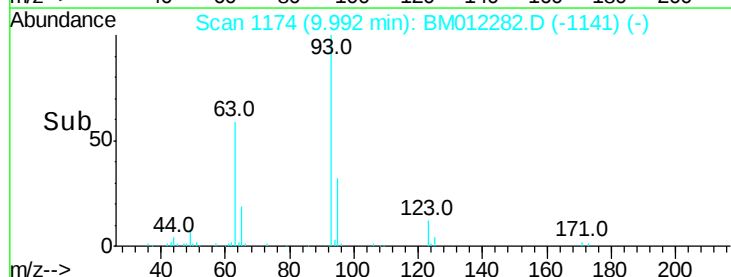
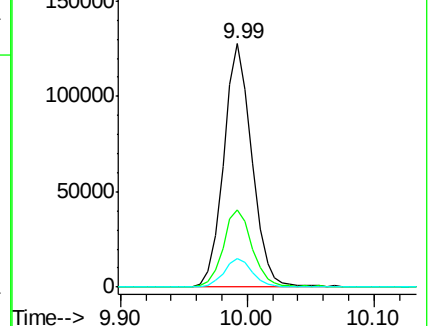
123 11.8 9.6 14.4

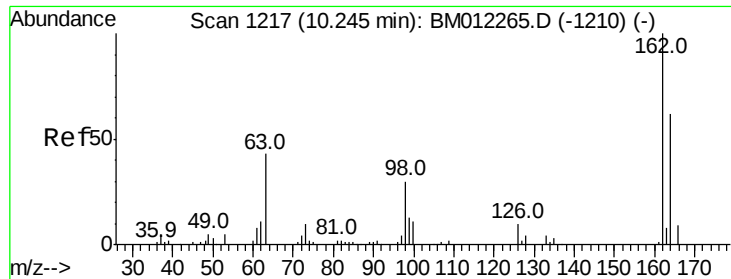


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

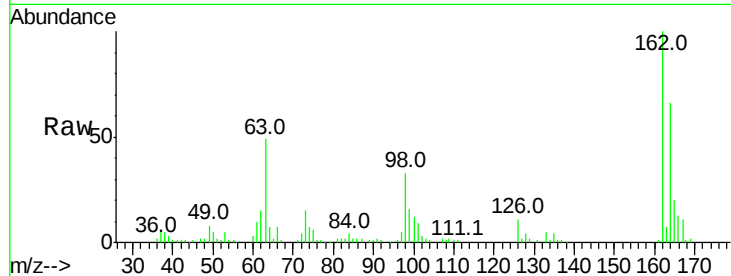




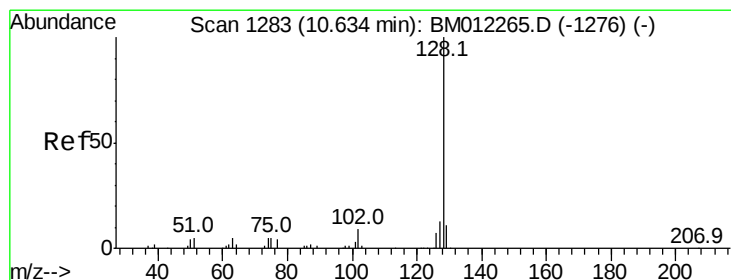
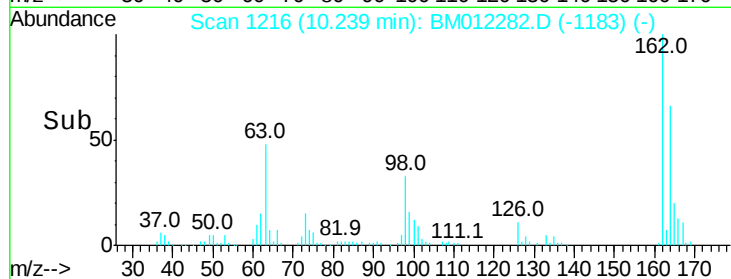
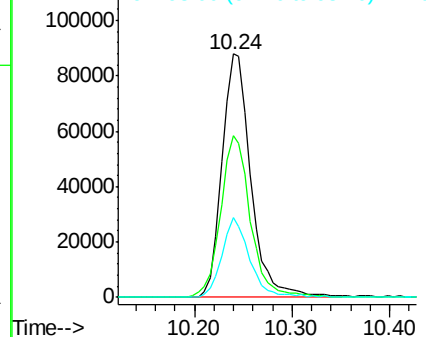
#27
 2,4-Dichlorophenol
 Concen: 20.923 ng/ul
 RT: 10.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BM012282.D
 Acq: 18 Oct 2017 16:52

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	49.6	74.4
98	32.9	26.2	39.2

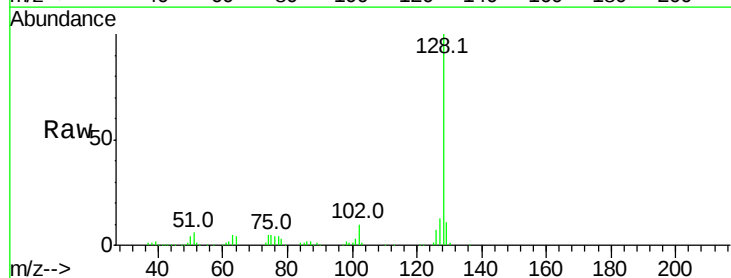


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

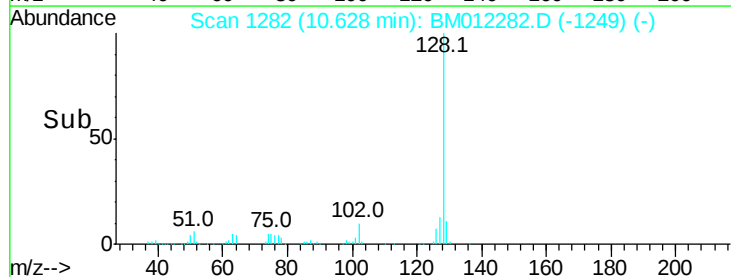
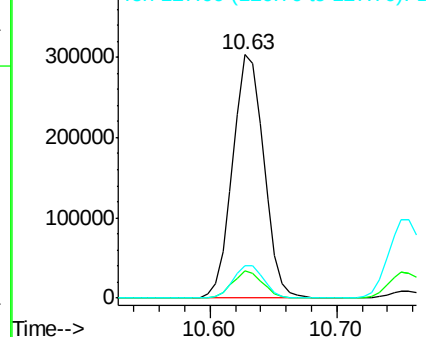


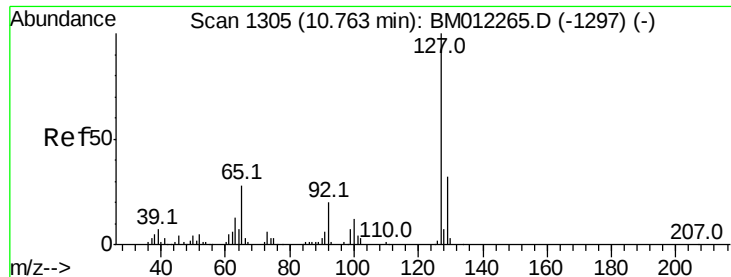
#28
 Naphthalene
 Concen: 19.501 ng/ul
 RT: 10.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BM012282.D
 Acq: 18 Oct 2017 16:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.2	13.8
127	13.2	11.4	17.0



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

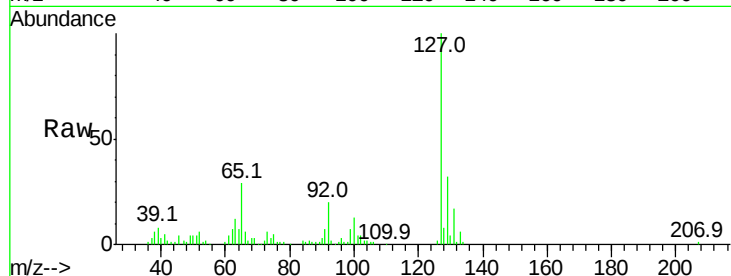




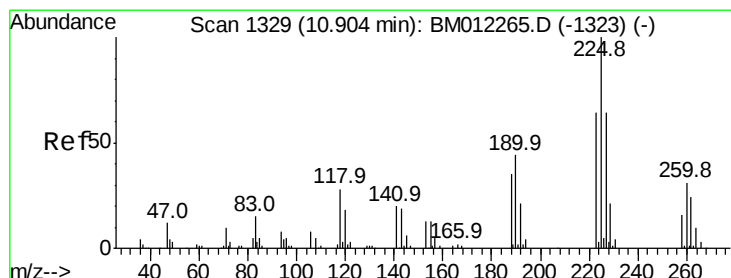
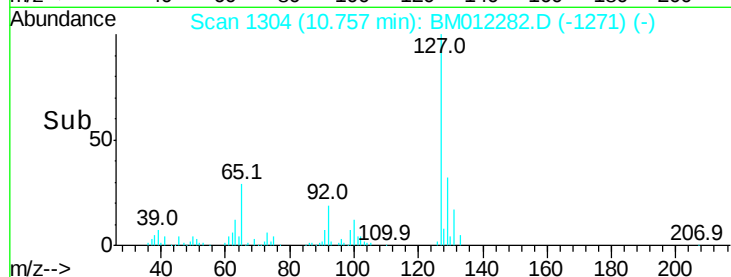
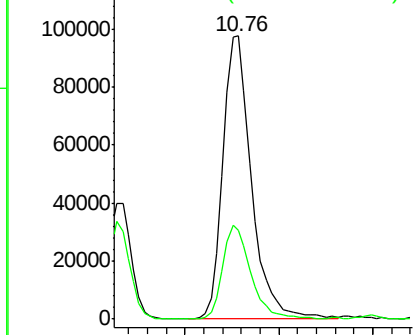
#30
4-Chloroaniline
Concen: 25.830 ng/ul
RT: 10.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BM012282.D
Acq: 18 Oct 2017 16:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127 Resp: 207625
Ion Ratio Lower Upper
127 100
129 31.5 26.5 39.7

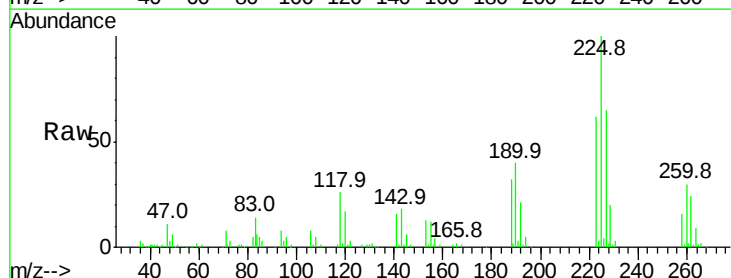


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

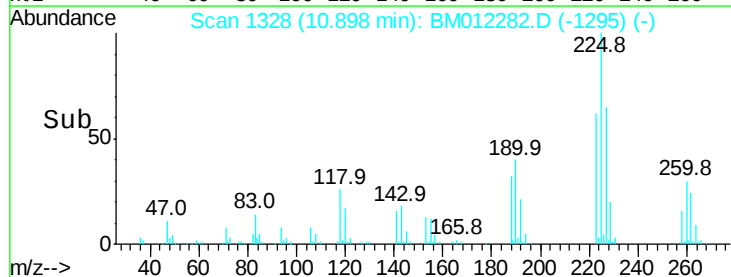
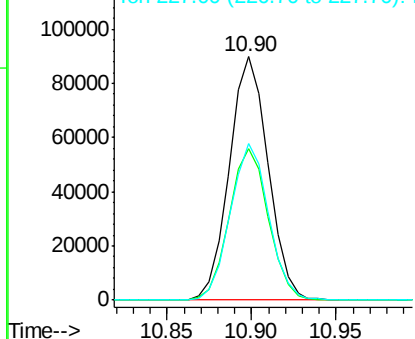


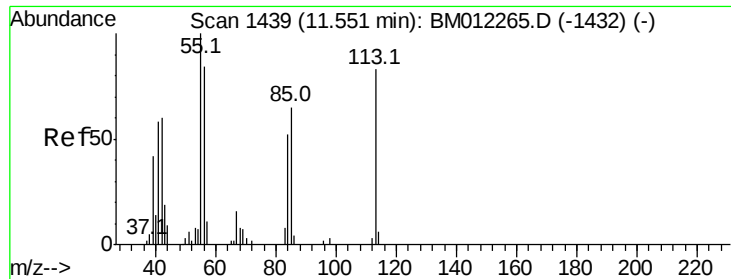
#31
Hexachlorobutadiene
Concen: 22.558 ng/ul
RT: 10.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM012282.D
Acq: 18 Oct 2017 16:52

Tgt Ion:225 Resp: 143846
Ion Ratio Lower Upper
225 100
223 62.5 49.4 74.0
227 64.5 53.2 79.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 21.217 ng/ul

RT: 11.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

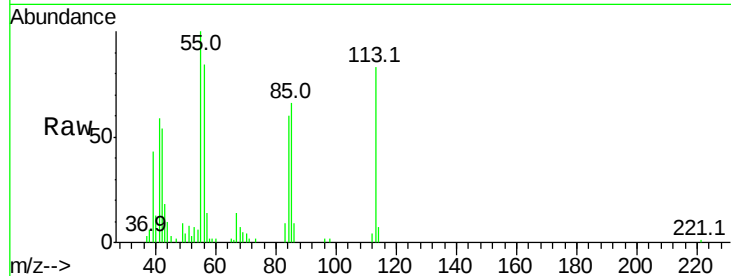
Tot Ion:113 Resp: 57629

Ion Ratio Lower Upper

113 100

55 119.8 107.7 161.5

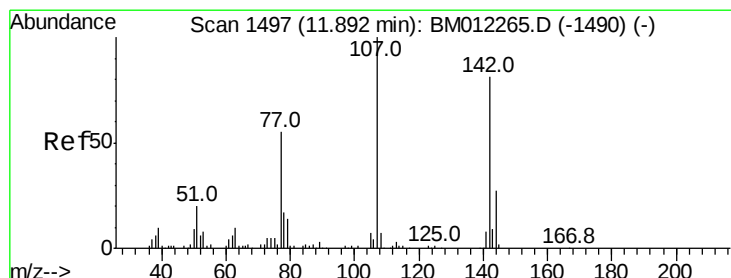
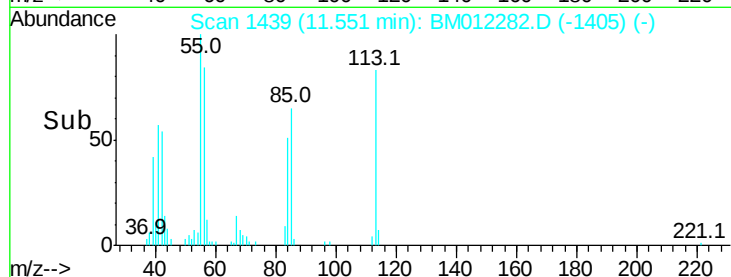
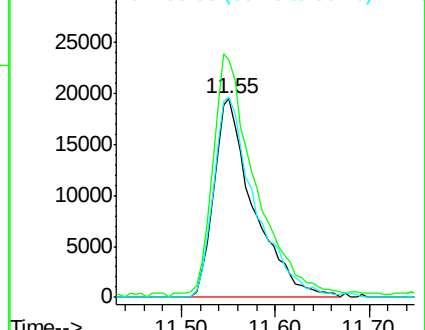
56 100.7 97.1 145.7



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: 19.956 ng/ul

RT: 11.89 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

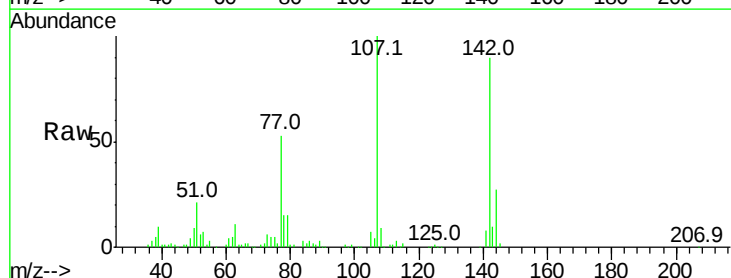
Tgt Ion:107 Resp: 179881

Ion Ratio Lower Upper

107 100

144 27.4 21.2 31.8

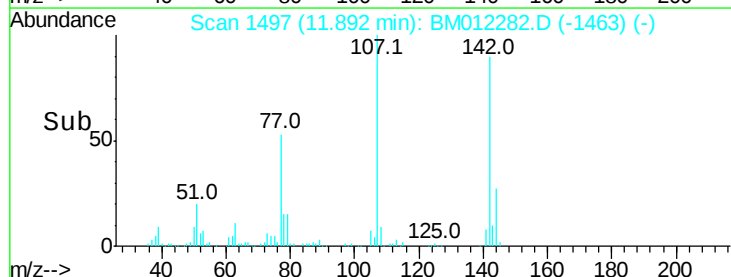
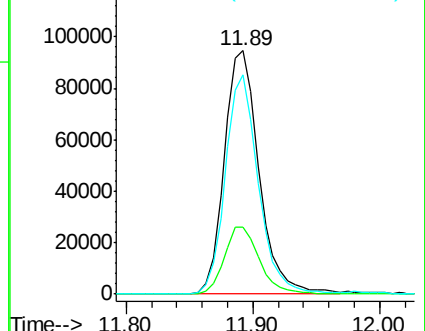
142 89.9 65.3 97.9

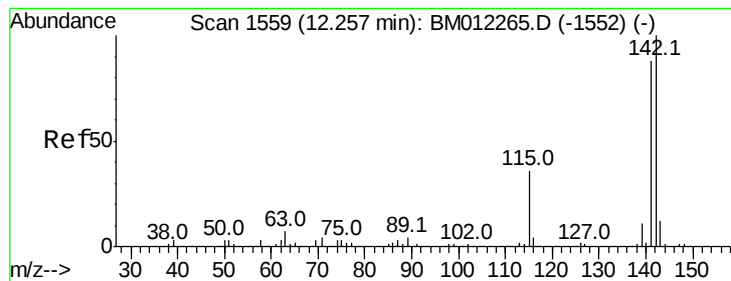


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.431 ng/ul

RT: 12.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

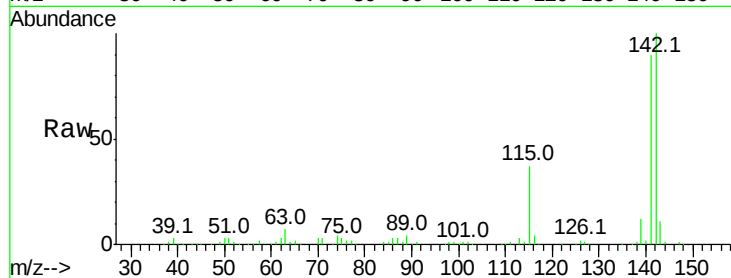
ClientSampleId :

Tot Ion:142 Resp: 409225

Ion Ratio Lower Upper

142 100

141 90.1 73.6 110.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

250000

200000

150000

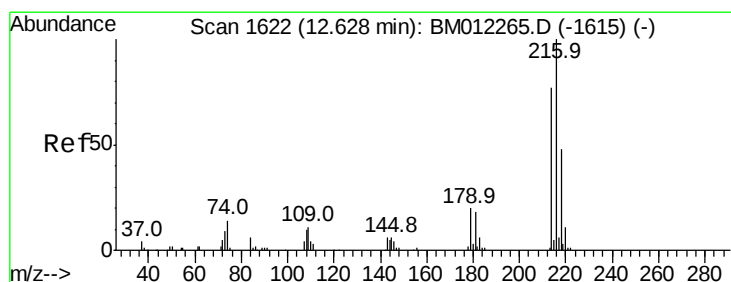
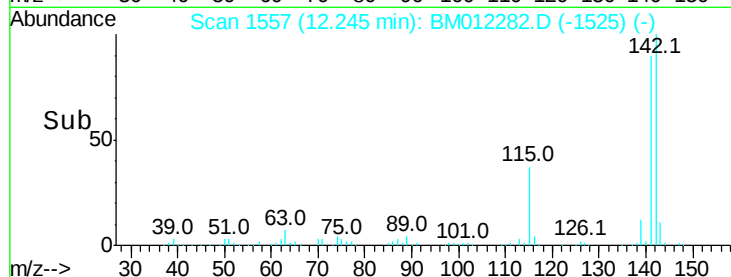
100000

50000

0

12.20 12.25 12.30

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 17.513 ng/ul

RT: 12.62 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Tgt Ion:216 Resp: 269825

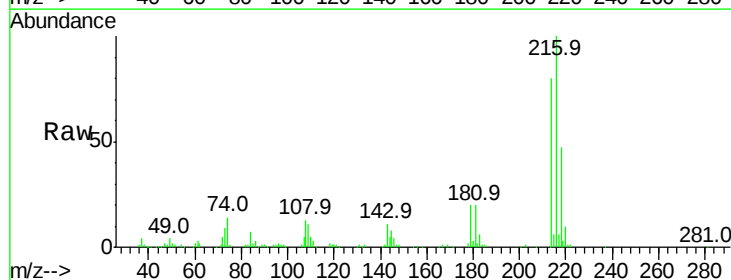
Ion Ratio Lower Upper

216 100

214 79.6 62.3 93.5

179 20.2 16.2 24.2

108 13.3 10.9 16.3



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

250000

200000

150000

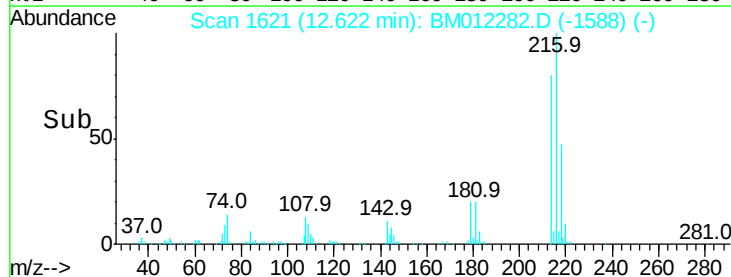
100000

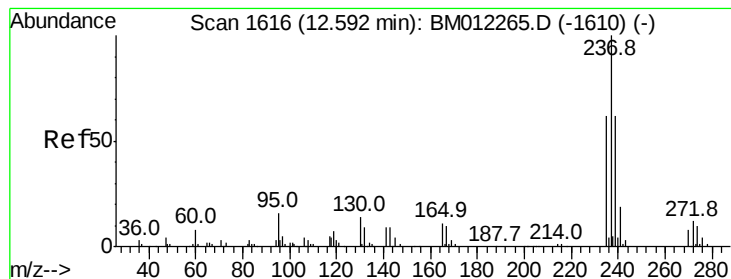
50000

0

12.55 12.60 12.65 12.70

Time-->





#37

Hexachlorocyclopentadiene

Concen: 22.004 ng/ul

RT: 12.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

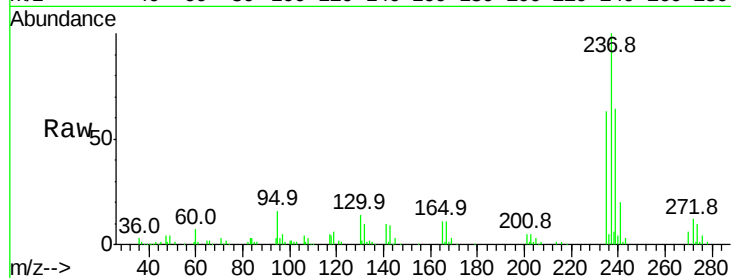
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 151097

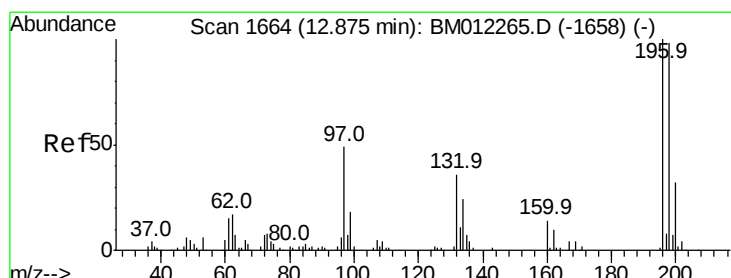
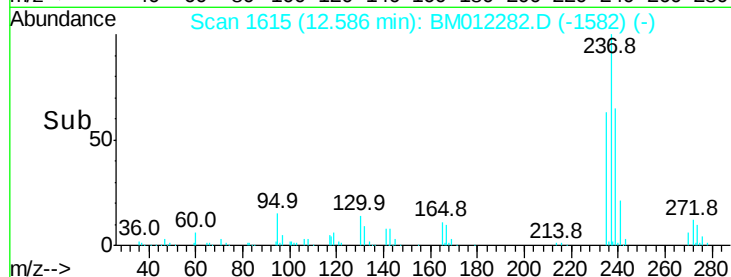
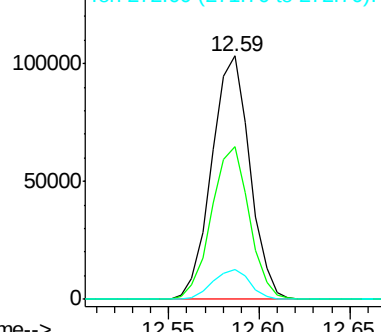
Ion	Ratio	Lower	Upper
237	100		
235	62.7	50.1	75.1
272	12.4	10.6	15.8



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: 16.872 ng/ul

RT: 12.87 min Scan# 1663

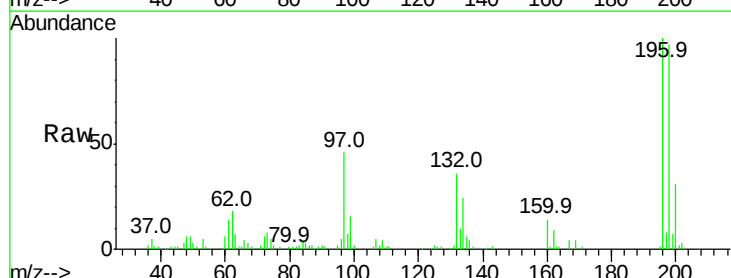
Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Tgt Ion:196 Resp: 172353

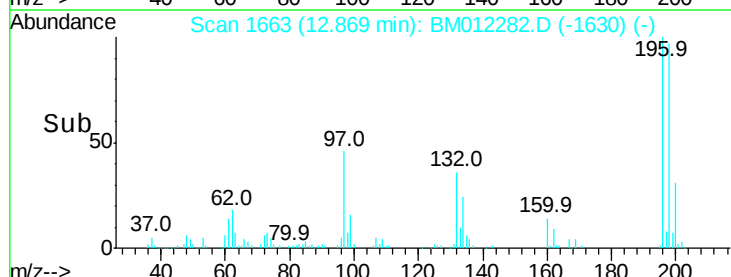
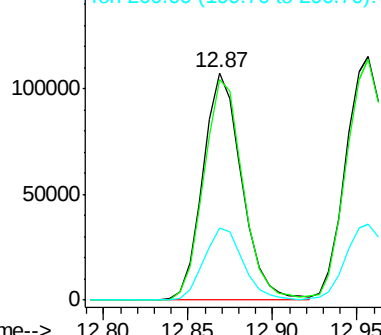
Ion	Ratio	Lower	Upper
196	100		
198	96.9	78.2	117.4
200	31.5	25.4	38.2

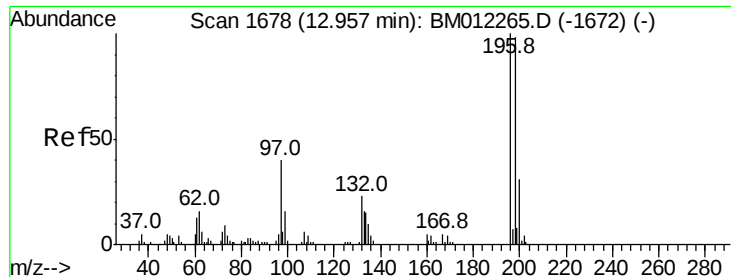


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

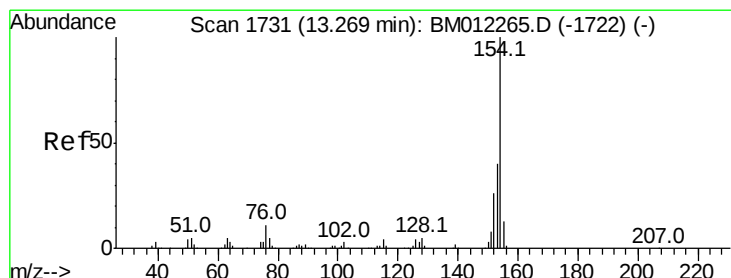
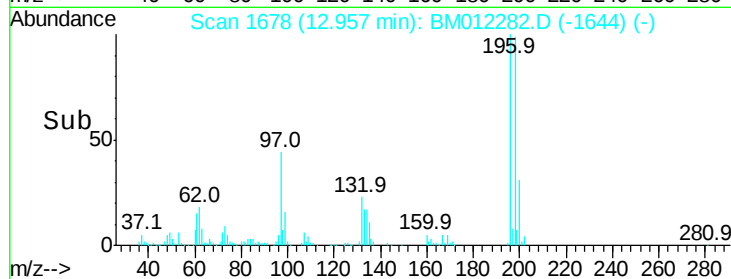
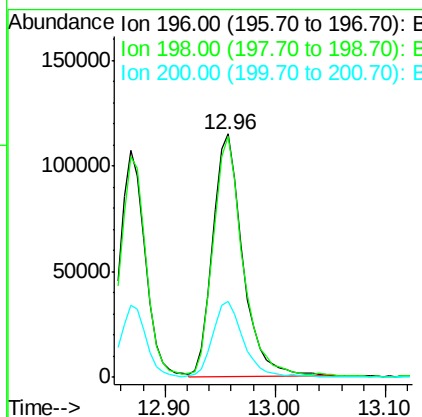
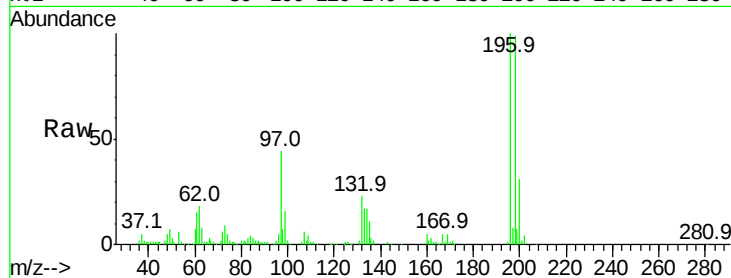




#39
 2,4,5-Trichlorophenol
 Concen: 20.525 ng/ul
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BM012282.D
 Acq: 18 Oct 2017 16:52

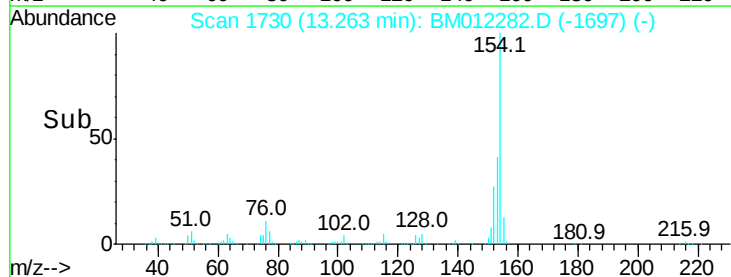
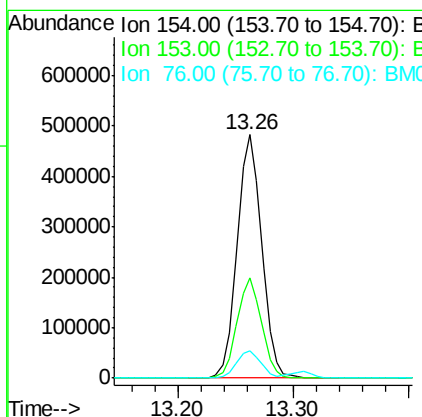
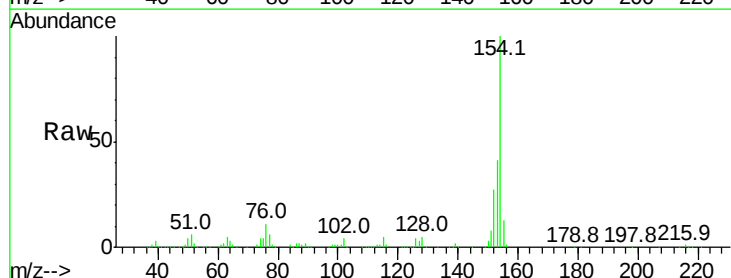
Instrument :
 BNA_M
 ClientSampleId :

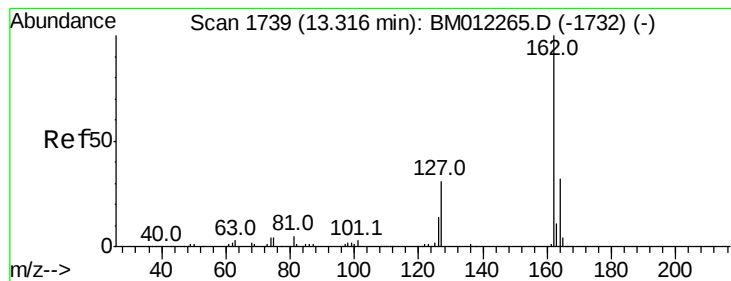
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.8	78.1	117.1
200	31.3	25.1	37.7



#40
 1,1'-Biphenyl
 Concen: 19.889 ng/ul
 RT: 13.26 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BM012282.D
 Acq: 18 Oct 2017 16:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	33.0	49.4
76	11.4	8.2	12.4

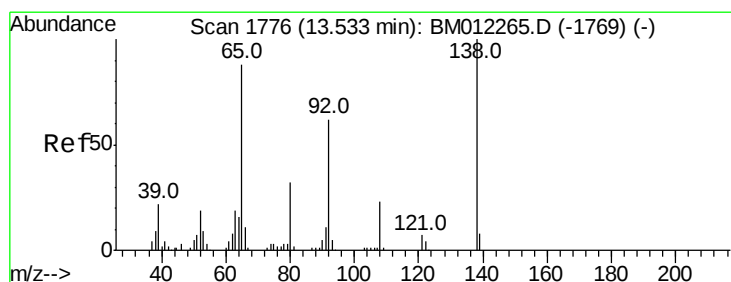
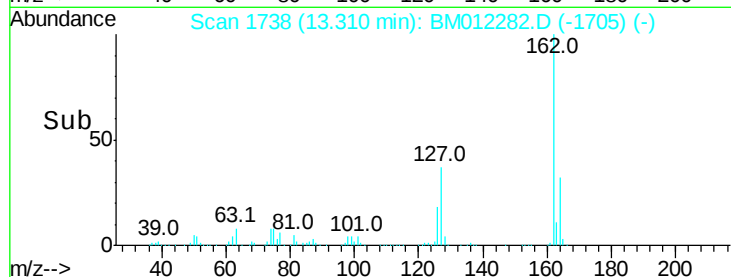
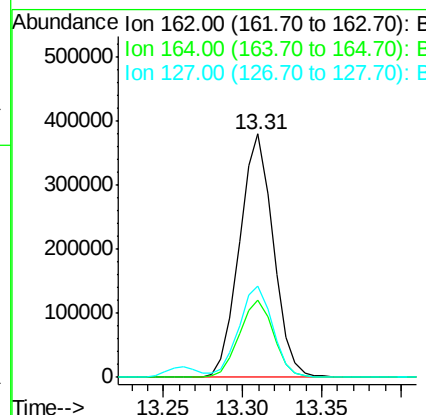
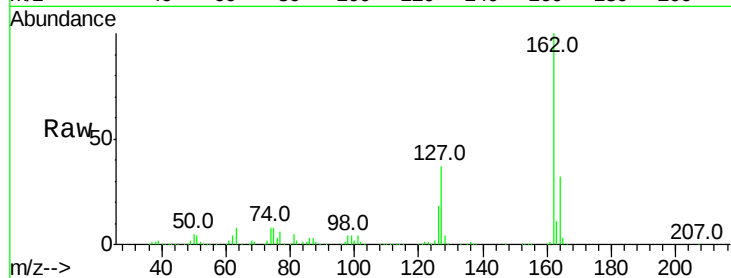




#41
 2-Chloronaphthalene
 Concen: 20.051 ng/ul
 RT: 13.31 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BM012282.D
 Acq: 18 Oct 2017 16:52

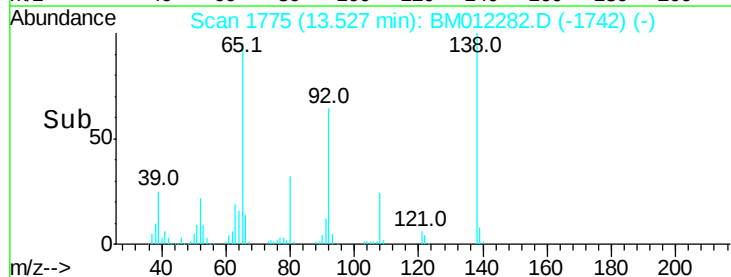
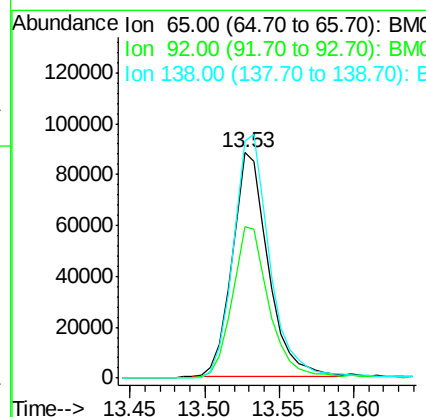
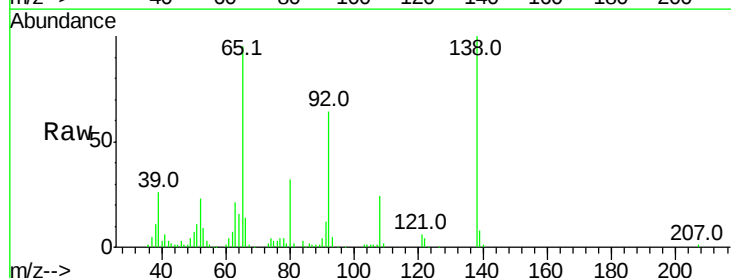
Instrument :
 BNA_M
 ClientSampleId :

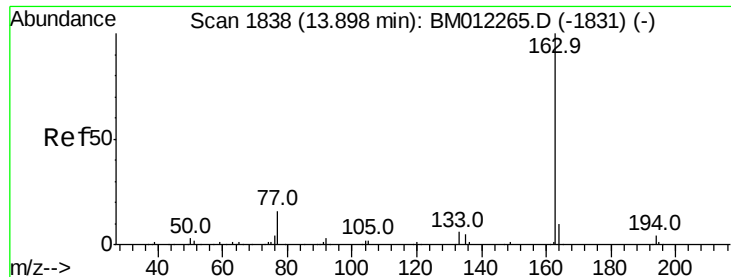
Tot Ion	Ratio	Lower	Upper
162	100		
164	31.9	27.0	40.6
127	37.4	29.5	44.3



#42
 2-Nitroaniline
 Concen: 19.086 ng/ul
 RT: 13.53 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BM012282.D
 Acq: 18 Oct 2017 16:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	55.5	83.3
138	105.4	92.3	138.5





#44

Dimethylphthalate

Concen: 20.063 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

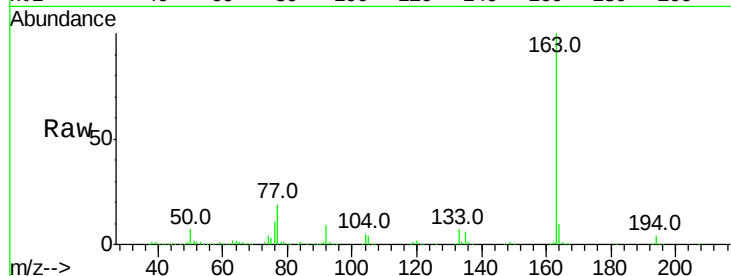
Tot Ion:163 Resp: 754028

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

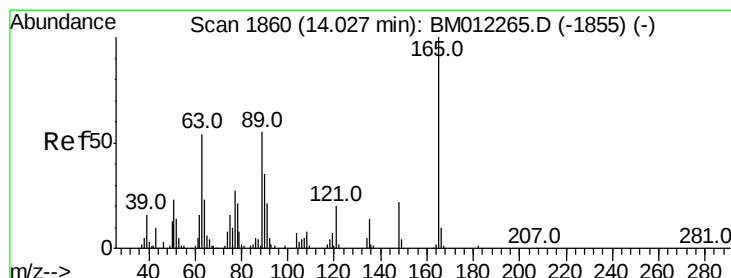
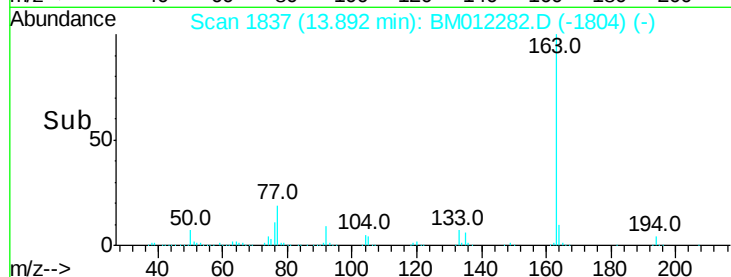
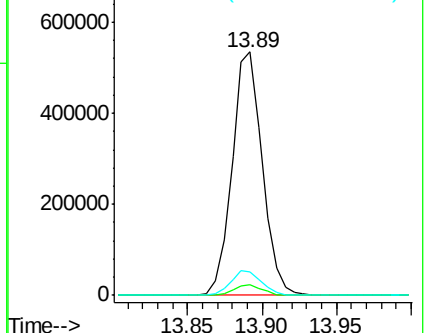
164 9.8 8.1 12.1



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: 21.262 ng/ul

RT: 14.03 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

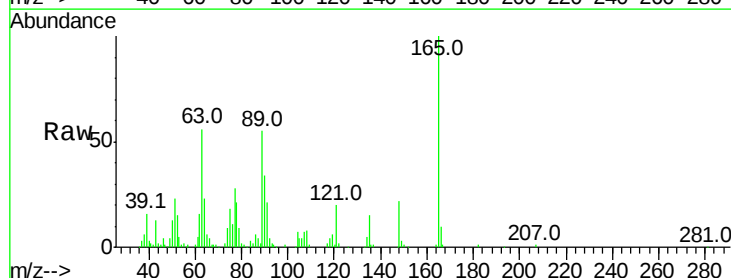
Tgt Ion:165 Resp: 158610

Ion Ratio Lower Upper

165 100

89 54.7 43.4 65.2

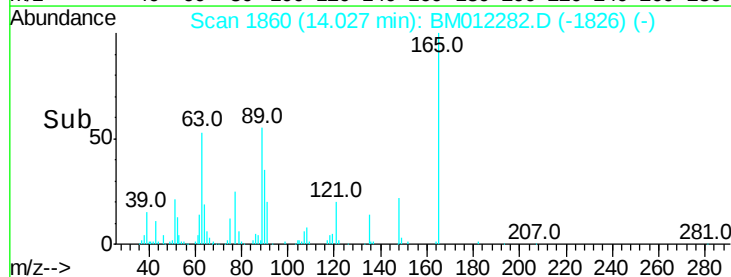
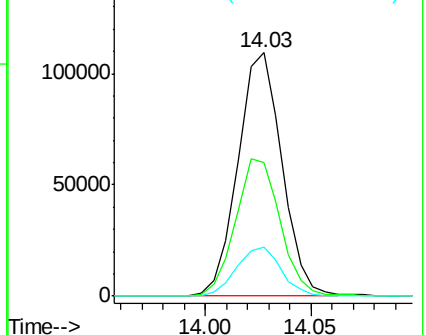
121 20.3 15.5 23.3

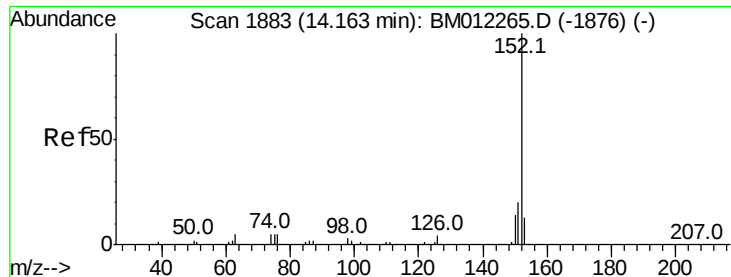


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 21.930 ng/ul

RT: 14.16 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

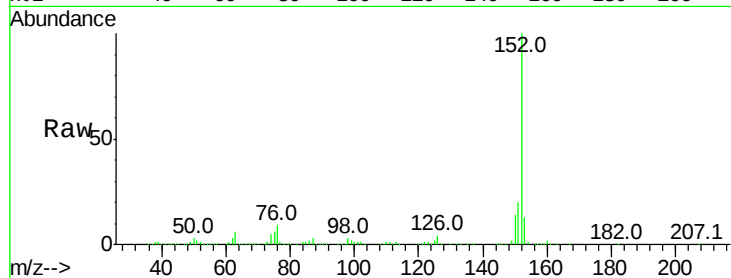
Tot Ion:152 Resp: 977834

Ion Ratio Lower Upper

152 100

151 20.3 15.3 22.9

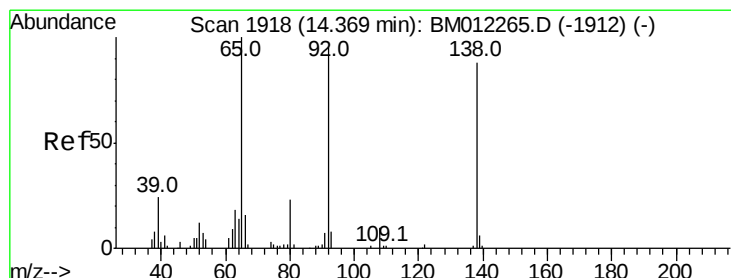
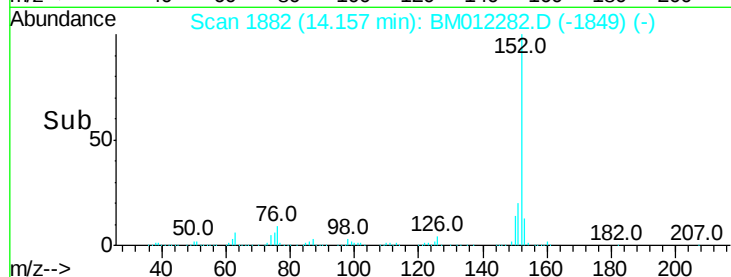
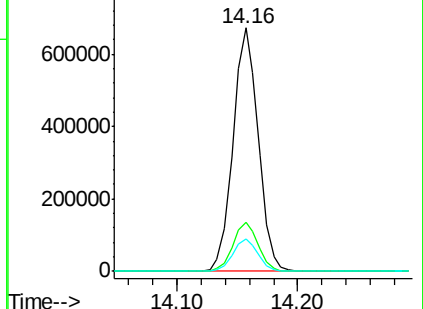
153 13.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 23.330 ng/ul

RT: 14.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

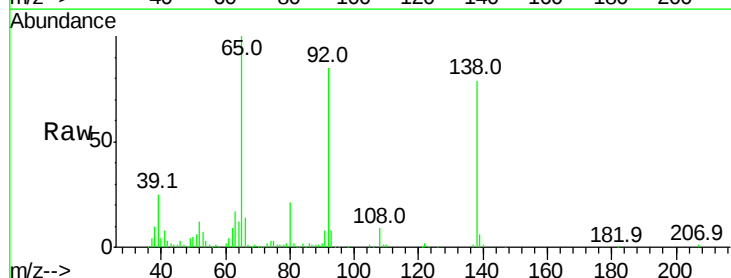
Tgt Ion:138 Resp: 135406

Ion Ratio Lower Upper

138 100

108 10.9 8.8 13.2

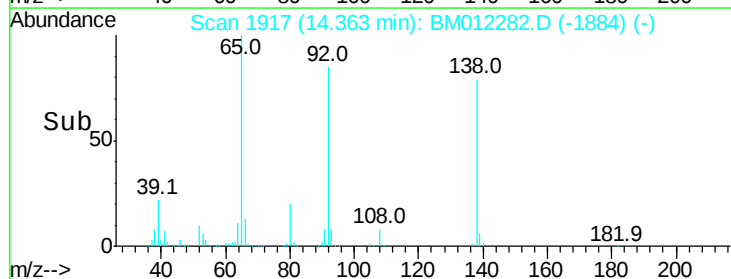
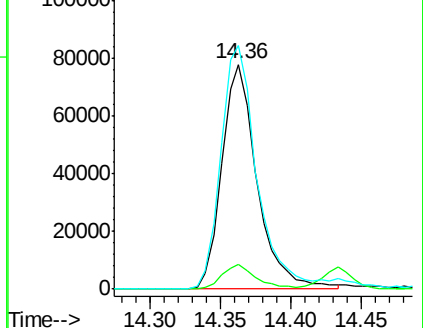
92 108.3 83.5 125.3

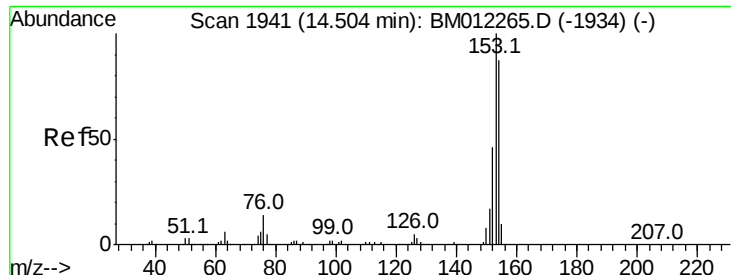


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.806 ng/ul

RT: 14.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampled :

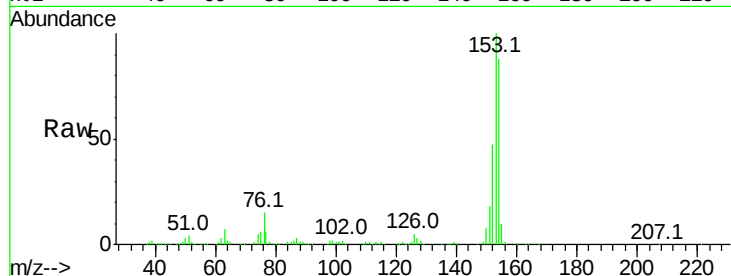
Tot Ion:153 Resp: 594848

Ion Ratio Lower Upper

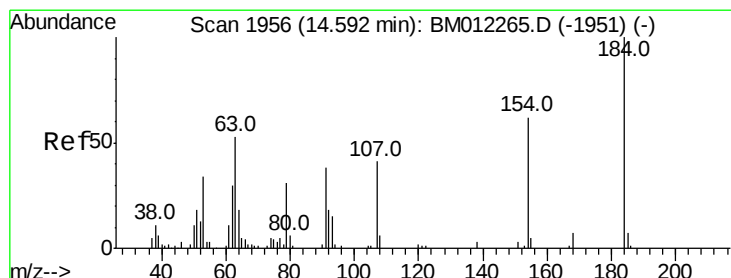
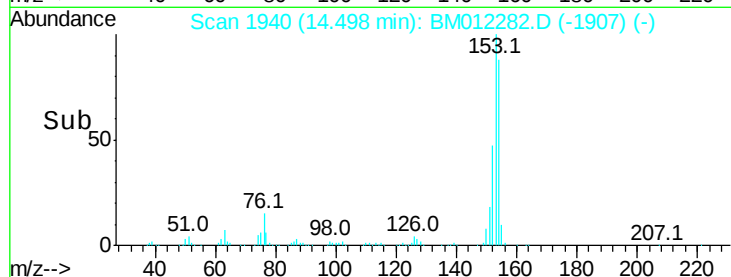
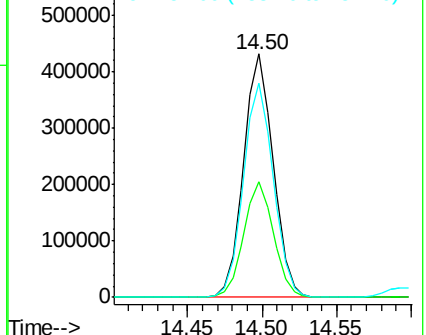
153 100

152 47.2 37.4 56.0

154 87.8 71.1 106.7



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: 13.978 ng/ul

RT: 14.59 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

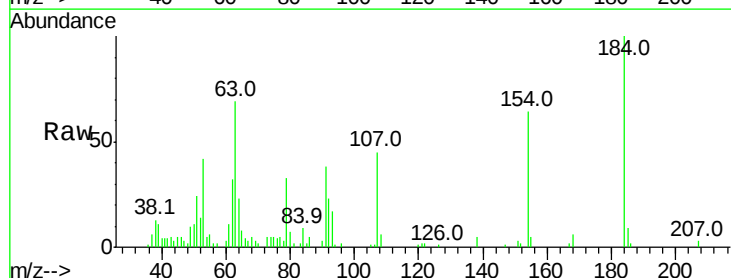
Tgt Ion:184 Resp: 59213

Ion Ratio Lower Upper

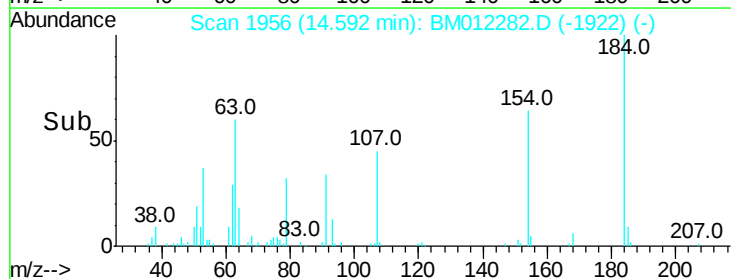
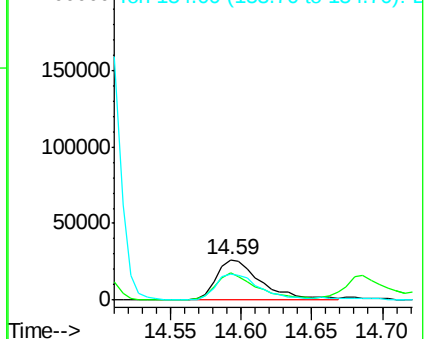
184 100

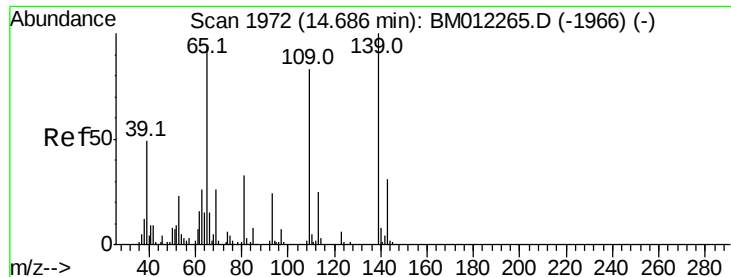
63 68.6 50.2 75.4

154 63.9 51.2 76.8



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: 16.334 ng/ul

RT: 14.69 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

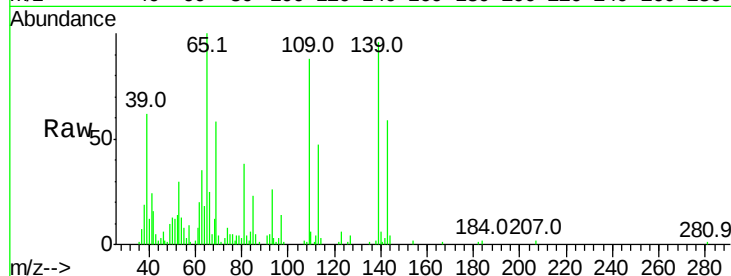
Tot Ion:109 Resp: 82785

Ion Ratio Lower Upper

109 100

139 109.3 90.6 135.8

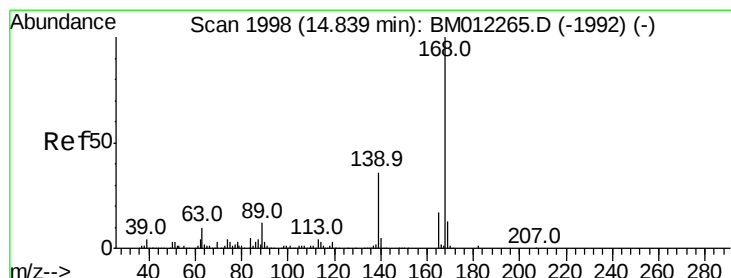
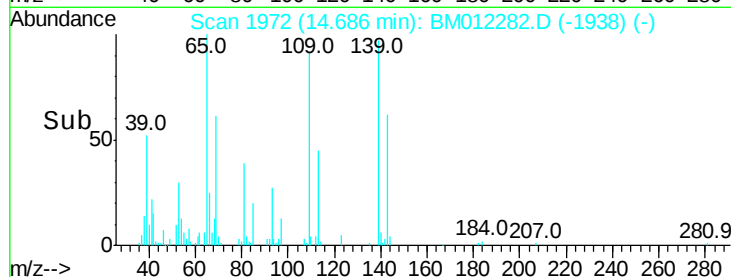
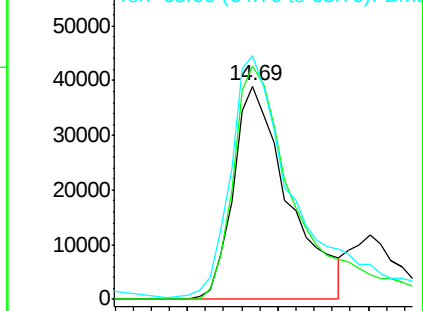
65 114.0 93.1 139.7



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: 21.496 ng/ul

RT: 14.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BM012282.D

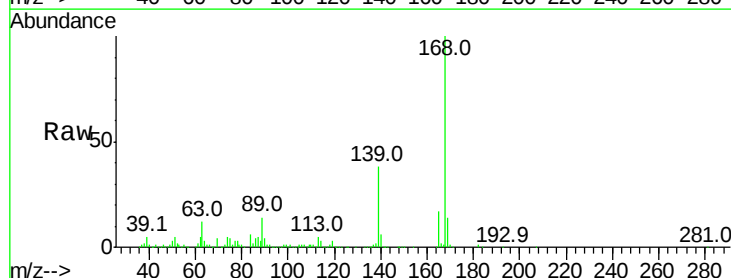
Acq: 18 Oct 2017 16:52

Tgt Ion:168 Resp: 929630

Ion Ratio Lower Upper

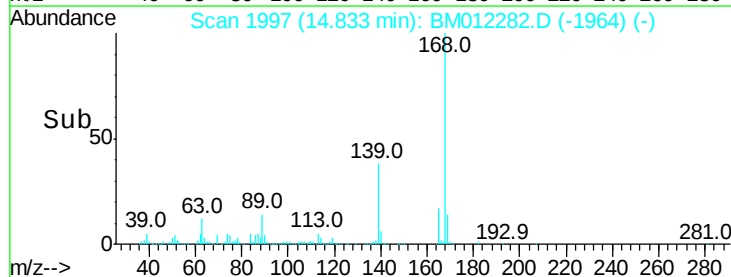
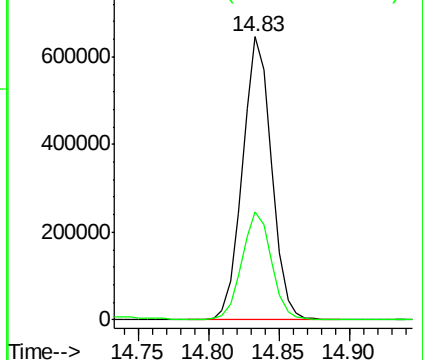
168 100

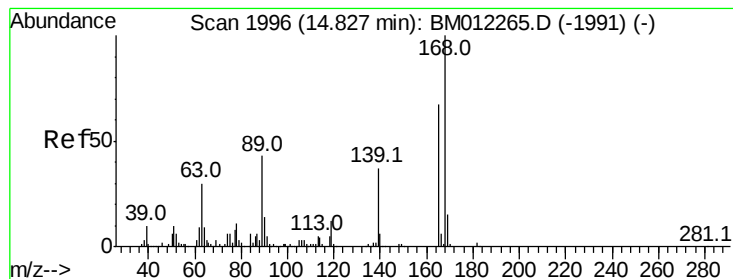
139 38.3 30.2 45.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 22.301 ng/ul

RT: 14.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

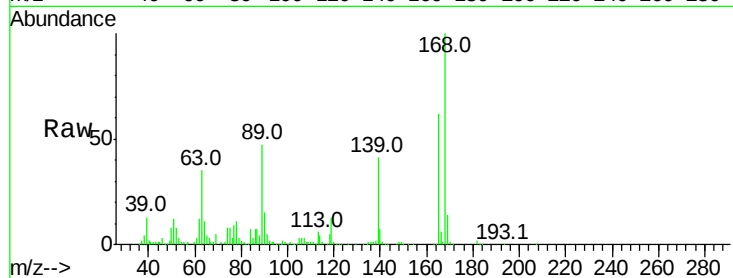
Tot Ion:165 Resp: 241116

Ion Ratio Lower Upper

165 100

63 56.5 38.7 58.1

182 2.8 2.6 3.8



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

14.82

150000

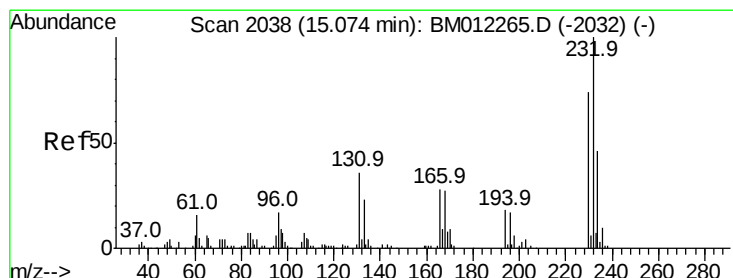
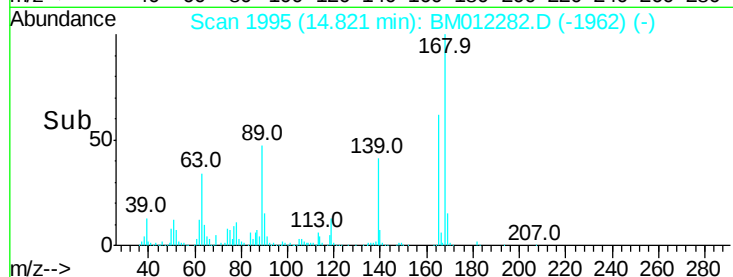
100000

50000

0

14.75 14.80 14.85 14.90

Time-->



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.696 ng/ul

RT: 15.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Tgt Ion:232 Resp: 199107

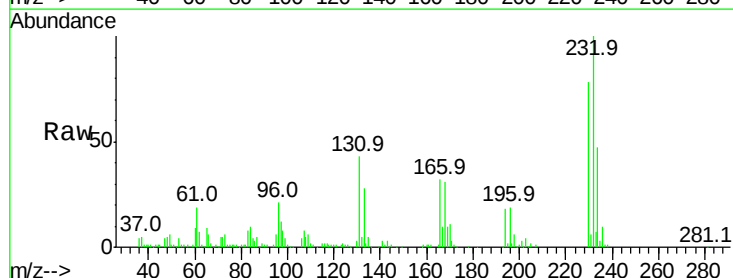
Ion Ratio Lower Upper

232 100

131 42.7 29.4 44.2

130 2.7 1.8 2.8

166 31.7 21.5 32.3



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

15.07

150000

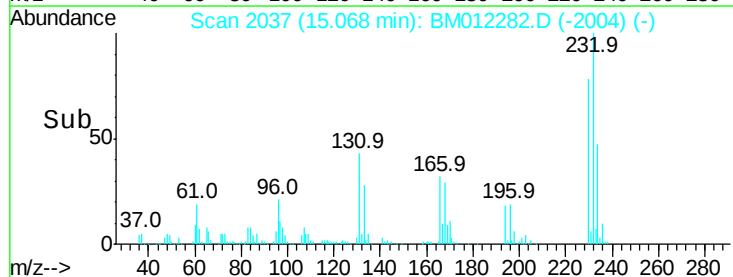
100000

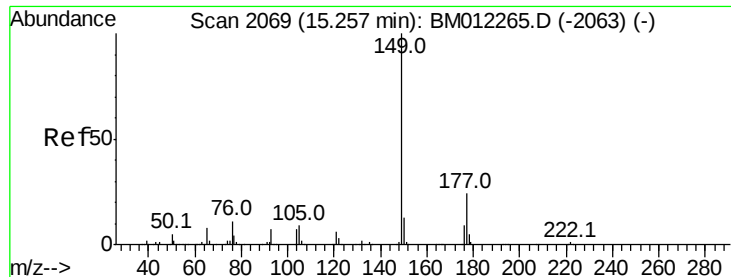
50000

0

15.00 15.05 15.10 15.15

Time-->





#56

Diethylphthalate

Concen: 17.218 ng/ul

RT: 15.25 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

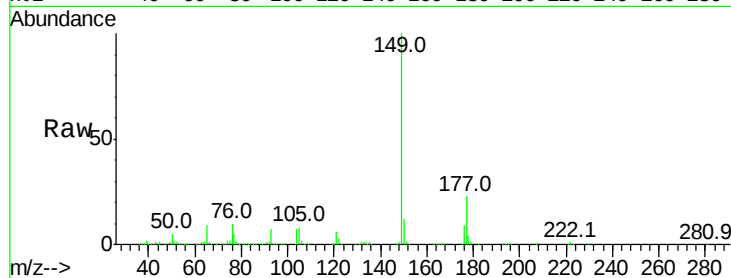
Tot Ion:149 Resp: 699485

Ion Ratio Lower Upper

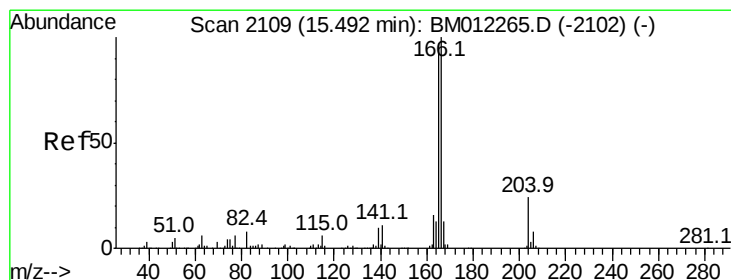
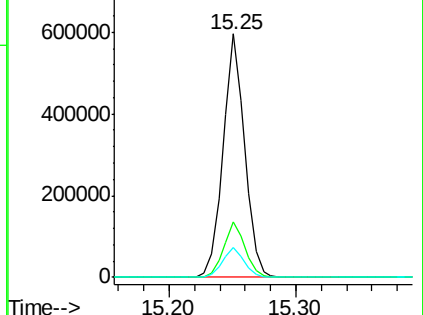
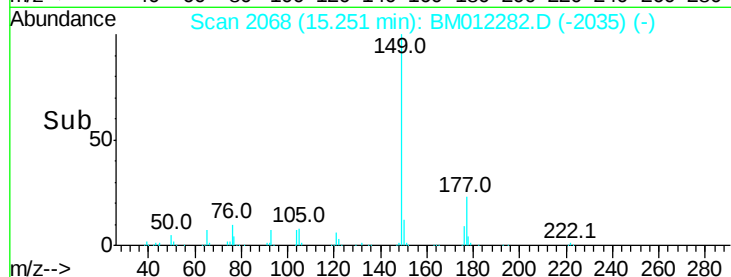
149 100

177 22.9 18.7 28.1

150 12.0 10.0 15.0



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: 16.131 ng/ul

RT: 15.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

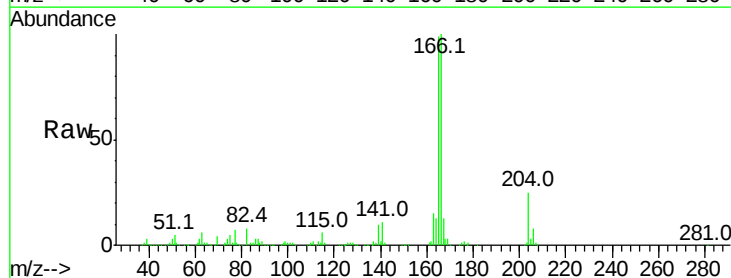
Tgt Ion:166 Resp: 579377

Ion Ratio Lower Upper

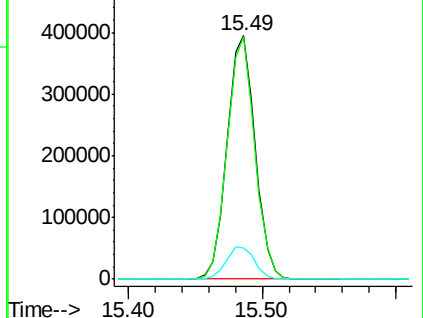
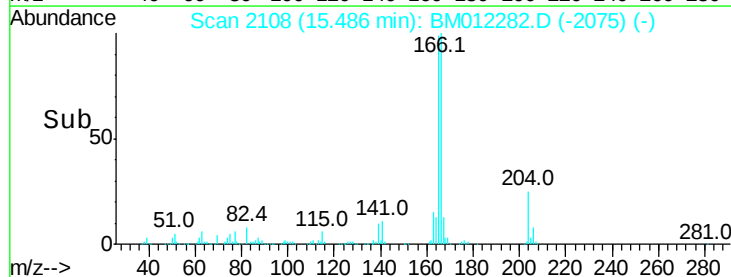
166 100

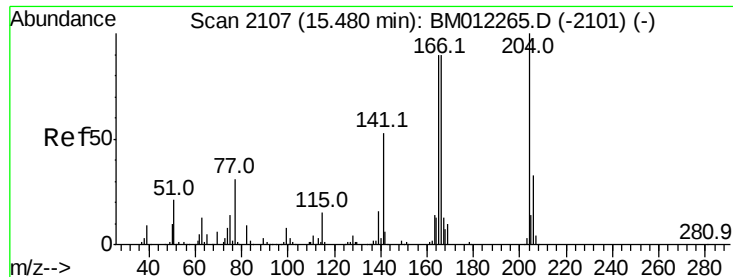
165 99.4 79.0 118.6

167 13.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

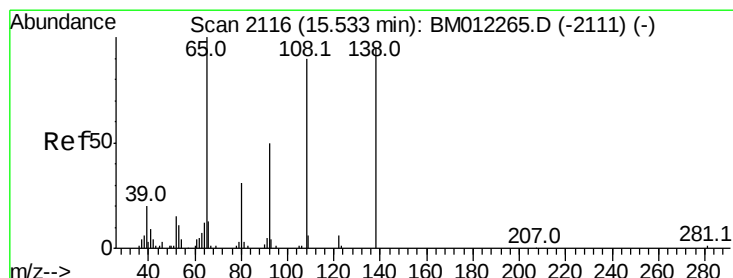
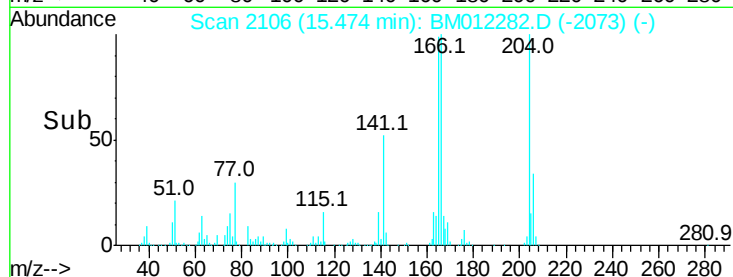
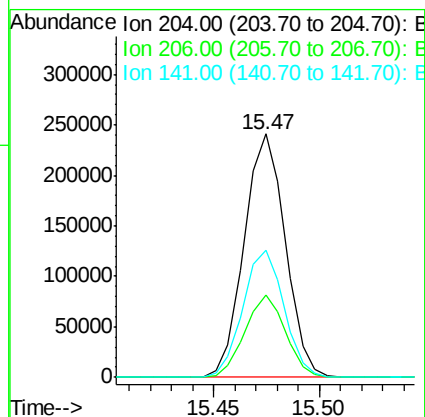
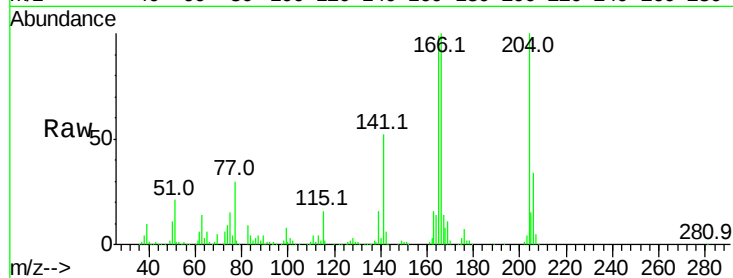




#59
4-Chlorophenyl-phenylether
Concen: 17.287 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM012282.D
Acq: 18 Oct 2017 16:52

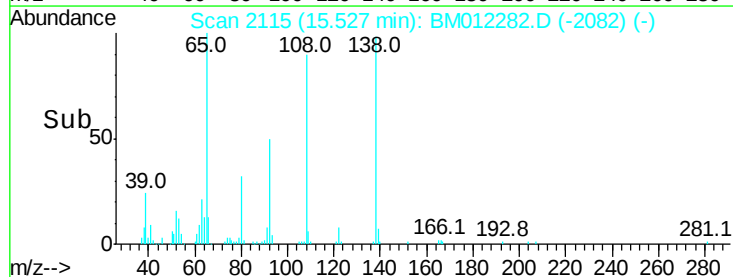
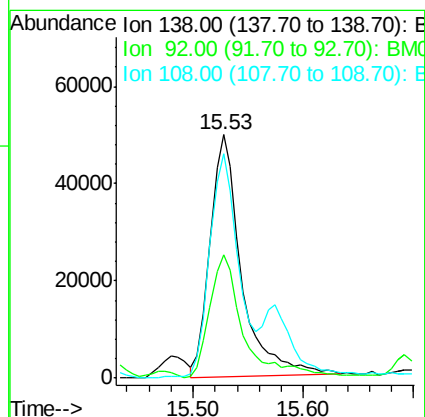
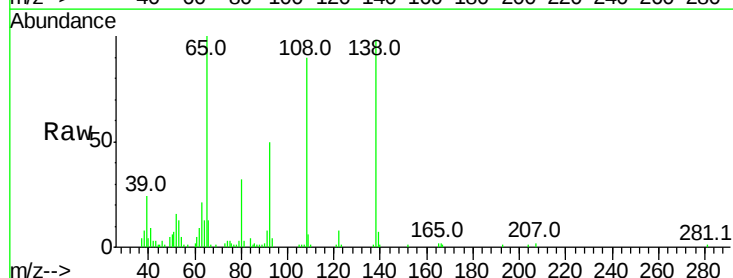
Instrument :
BNA_M
ClientSampleId :

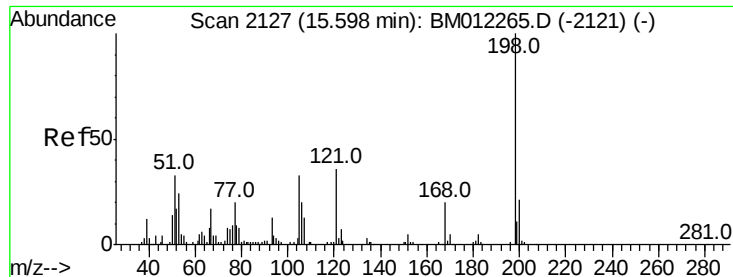
Tot Ion:204 Resp: 326165
Ion Ratio Lower Upper
204 100
206 33.8 27.8 41.6
141 52.4 43.9 65.9



#60
4-Nitroaniline
Concen: 13.482 ng/ul
RT: 15.53 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM012282.D
Acq: 18 Oct 2017 16:52

Tgt Ion:138 Resp: 96617
Ion Ratio Lower Upper
138 100
92 50.7 40.2 60.2
108 92.1 74.3 111.5

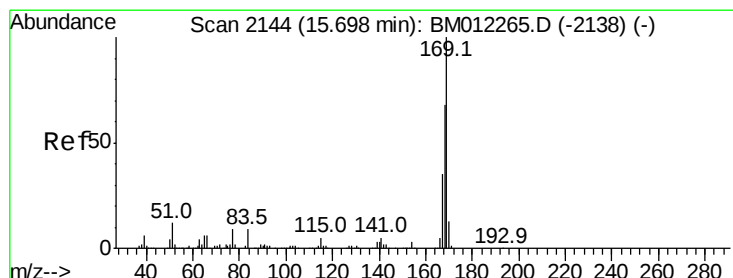
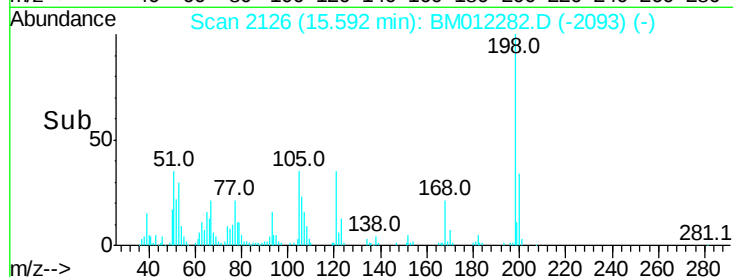
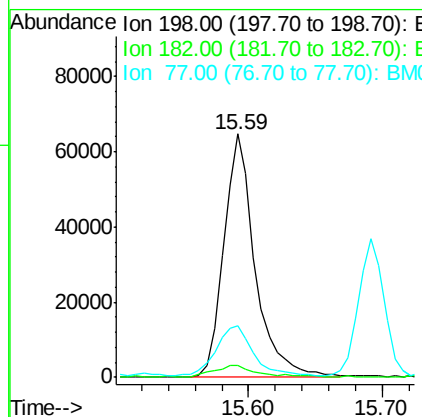
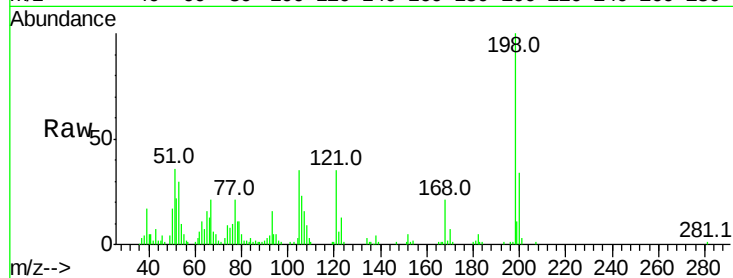




#63
4,6-Dinitro-2-methylphenol
Concen: 17.319 ng/ul
RT: 15.59 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BM012282.D
Acq: 18 Oct 2017 16:52

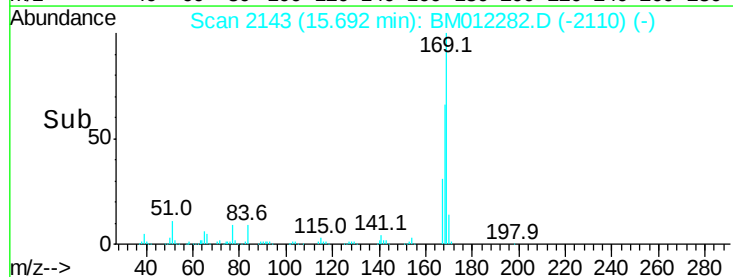
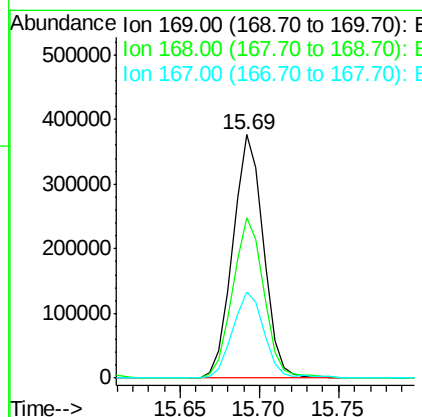
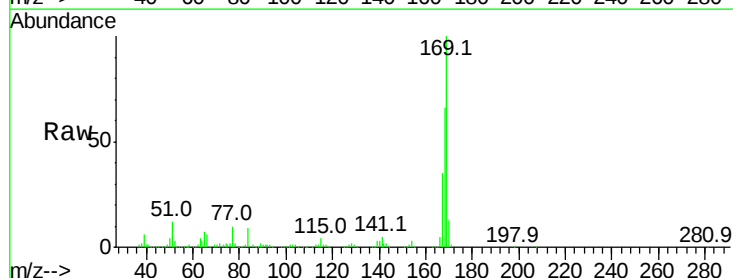
Instrument :
BNA_M
ClientSampleId :

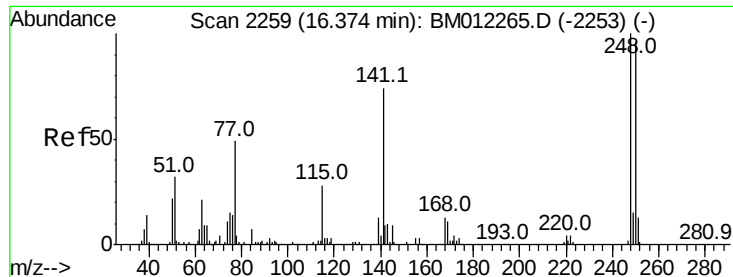
Tot Ion:198 Resp: 106718
Ion Ratio Lower Upper
198 100
182 4.7 3.7 5.5
77 21.1 18.2 27.2



#64
N-Nitrosodiphenylamine
Concen: 18.922 ng/ul
RT: 15.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BM012282.D
Acq: 18 Oct 2017 16:52

Tgt Ion:169 Resp: 503716
Ion Ratio Lower Upper
169 100
168 66.1 53.9 80.9
167 35.2 28.8 43.2





#65

4-Bromophenyl-phenylether

Concen: 20.871 ng/ul

RT: 16.37 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BM012282.D

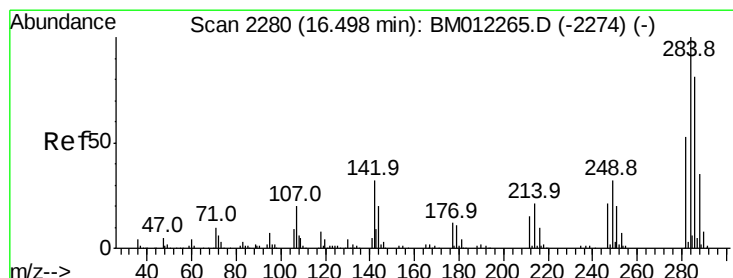
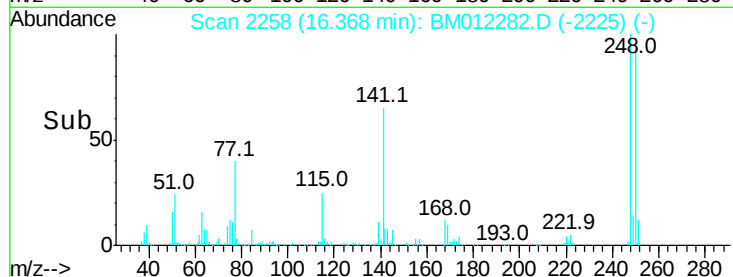
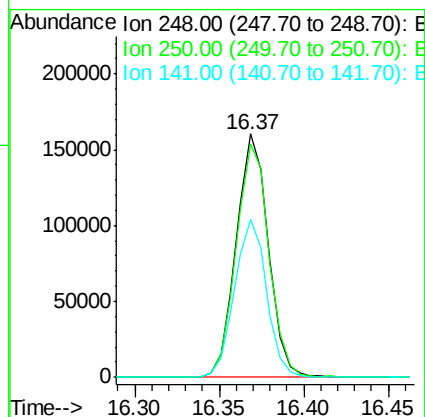
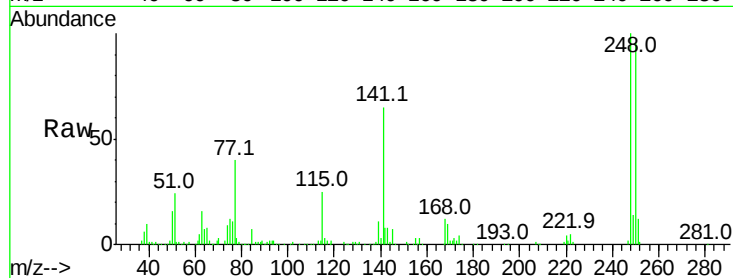
Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	248	Resp:	212488
Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.1	117.1
141	64.7	52.9	79.3



#66

Hexachlorobenzene

Concen: 20.112 ng/ul

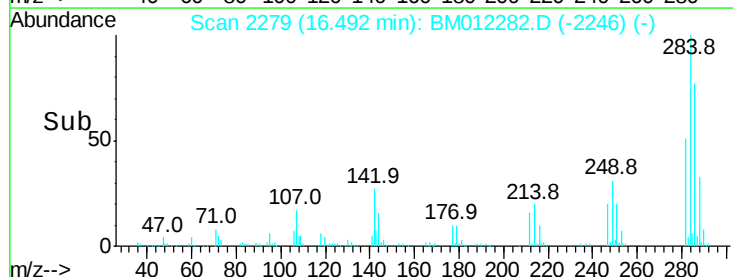
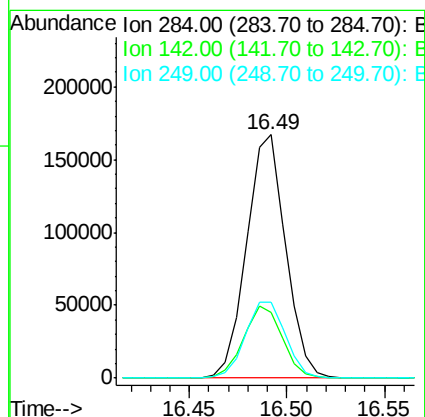
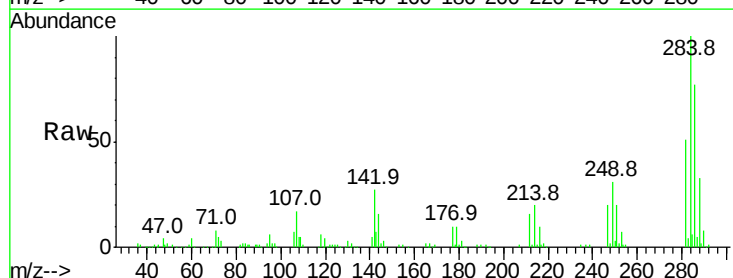
RT: 16.49 min Scan# 2279

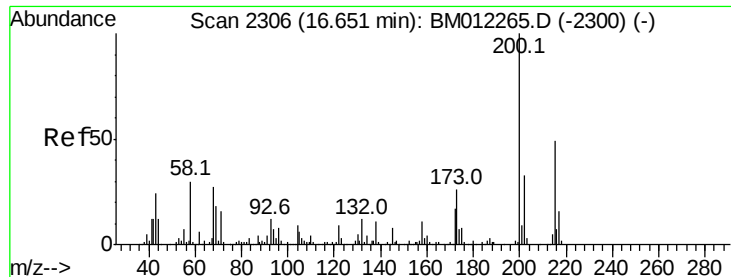
Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Tgt Ion:	284	Resp:	231959
Ion	Ratio	Lower	Upper
284	100		
142	26.9	25.7	38.5
249	31.0	27.0	40.6

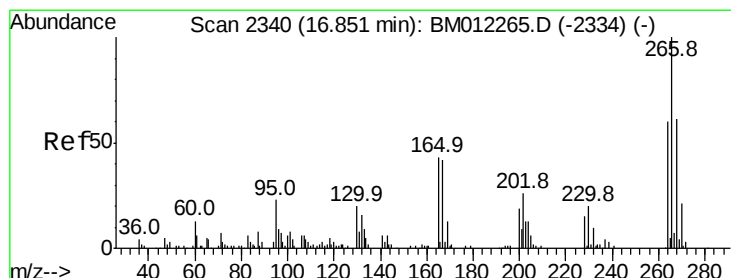
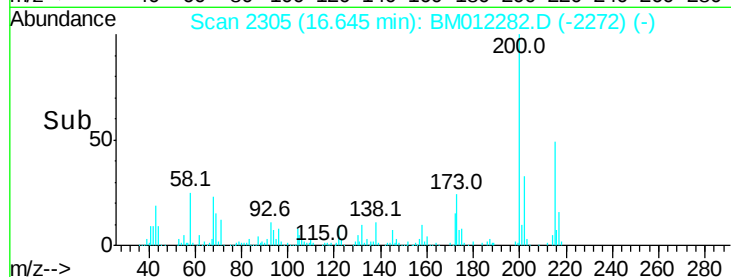
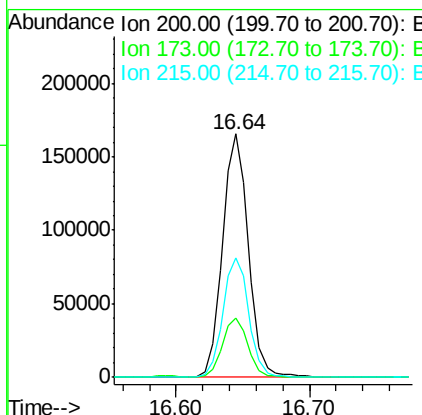
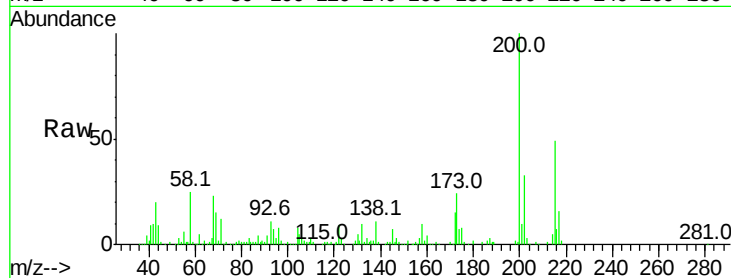




#67
Atrazine
Concen: 20.283 ng/ul
RT: 16.64 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM012282.D
Acq: 18 Oct 2017 16:52

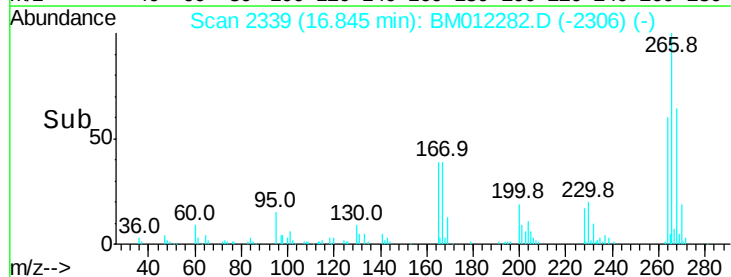
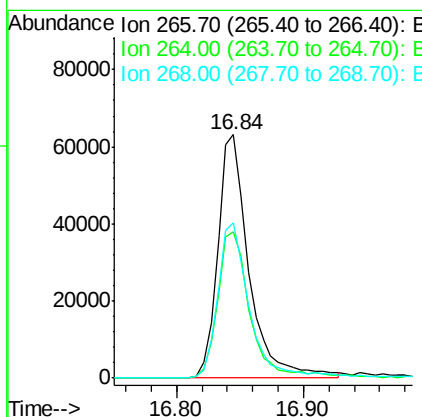
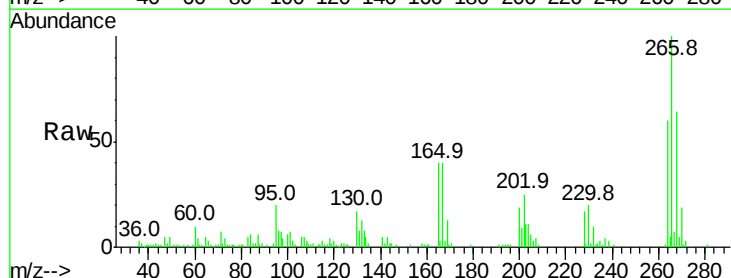
Instrument :
BNA_M
ClientSampleId :

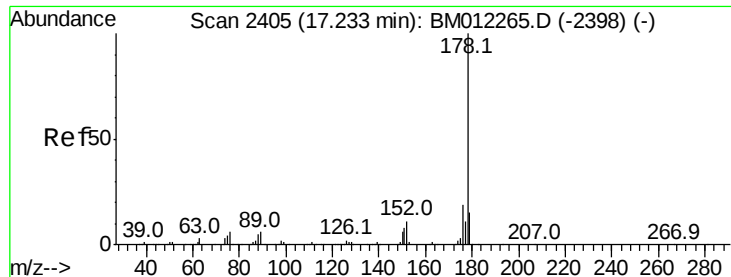
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	19.1	28.7
215	49.0	39.0	58.4



#68
Pentachlorophenol
Concen: 16.798 ng/ul
RT: 16.84 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BM012282.D
Acq: 18 Oct 2017 16:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.2	47.3	70.9
268	63.9	52.3	78.5





#69

Phenanthrene

Concen: 19.312 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

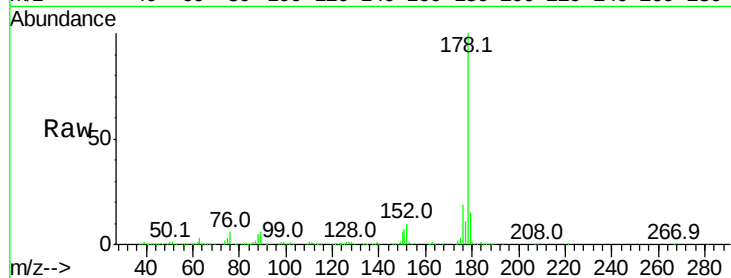
Tot Ion:178 Resp: 934346

Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

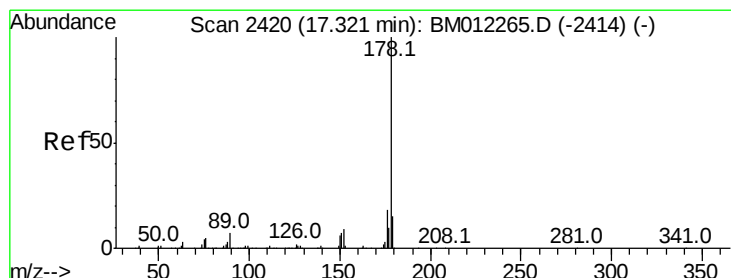
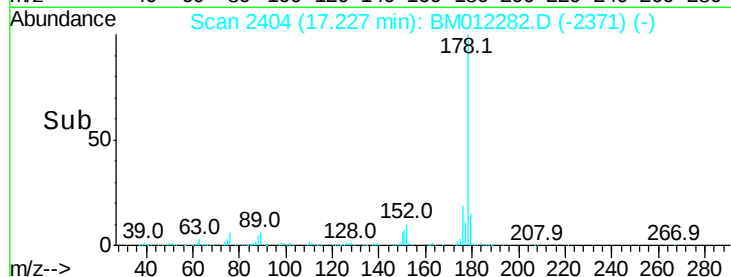
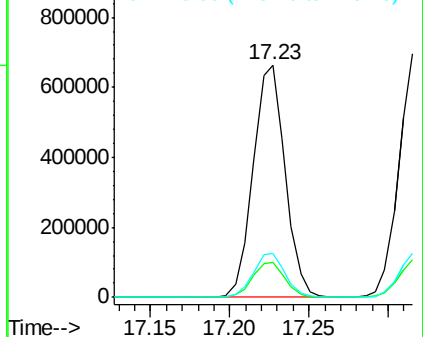
176 18.7 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.331 ng/ul

RT: 17.32 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

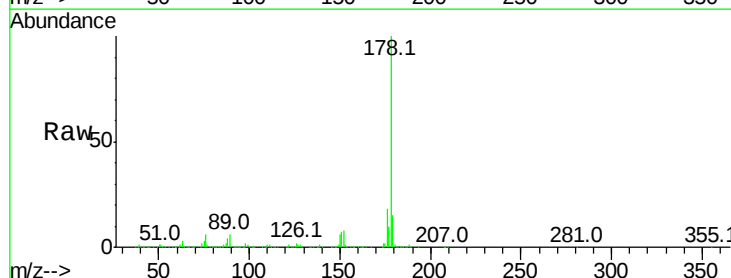
Tgt Ion:178 Resp: 968248

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

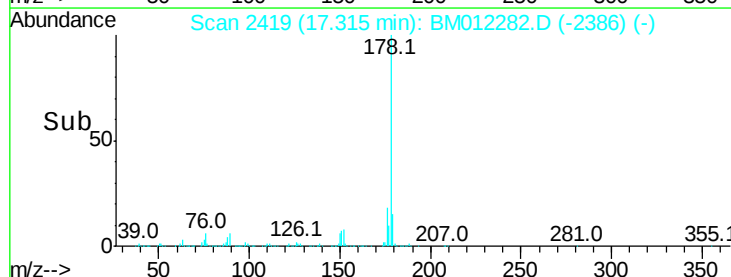
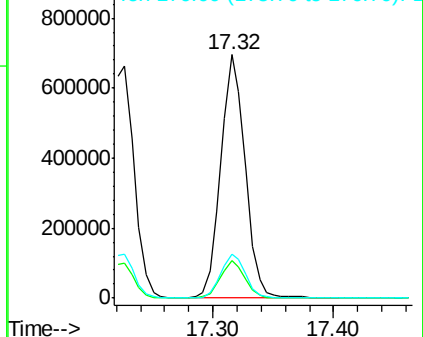
176 18.2 14.7 22.1

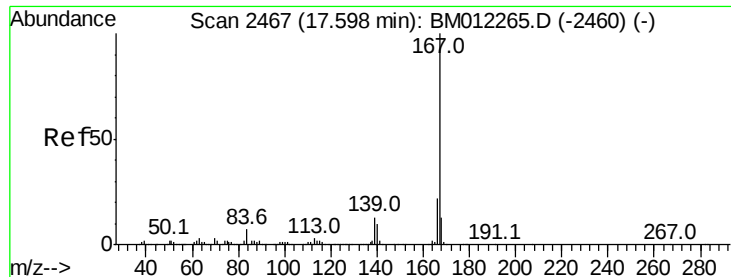


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 18.559 ng/ul

RT: 17.59 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

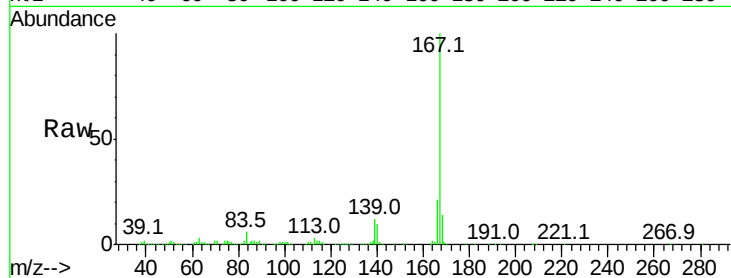
Tot Ion:167 Resp: 786725

Ion Ratio Lower Upper

167 100

166 21.3 17.8 26.6

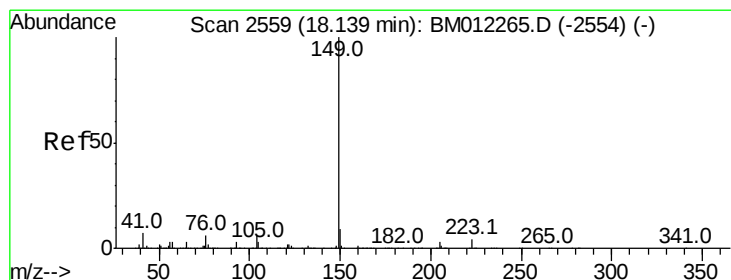
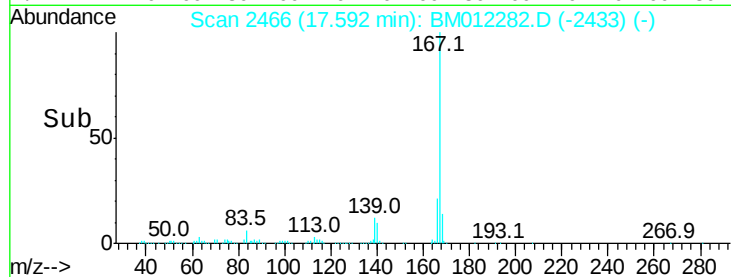
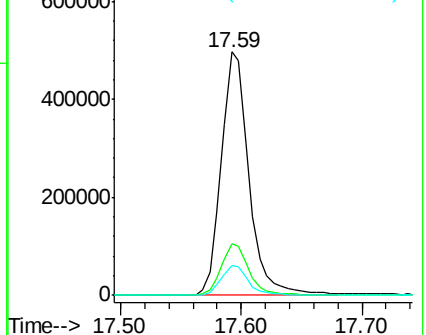
139 12.4 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 18.058 ng/ul

RT: 18.13 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

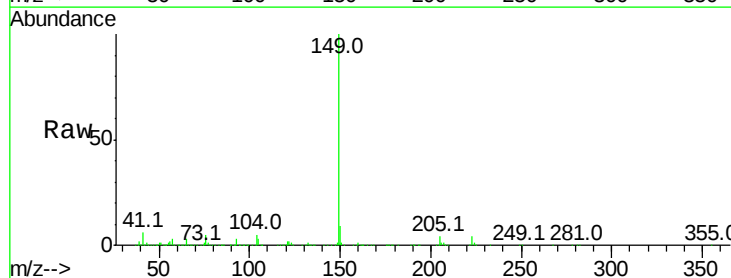
Tgt Ion:149 Resp: 1062785

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

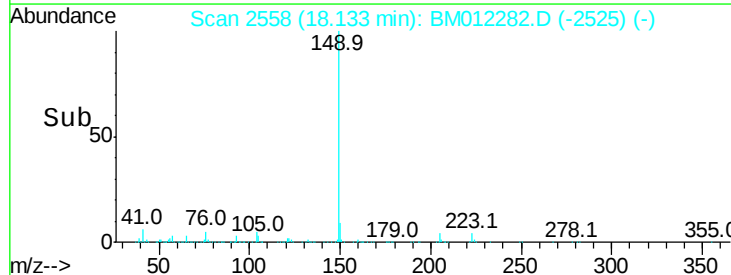
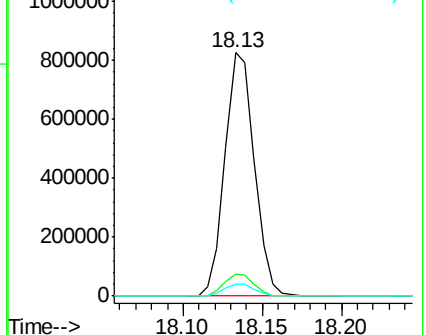
104 5.1 4.2 6.4

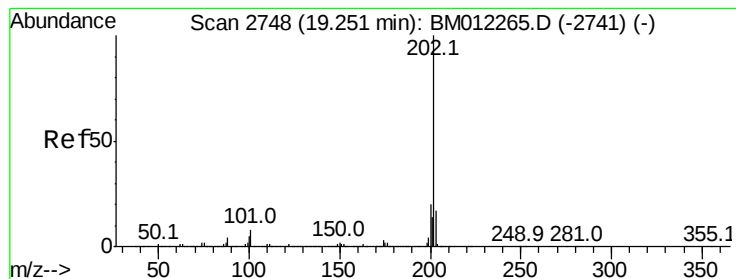


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.461 ng/ul

RT: 19.24 min Scan# 2747

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampled :

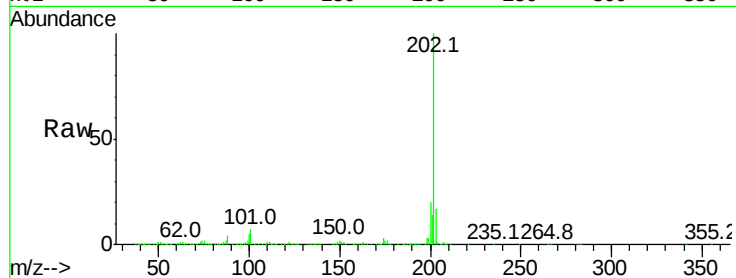
Tot Ion:202 Resp: 1194707

Ion Ratio Lower Upper

202 100

101 6.9 5.8 8.6

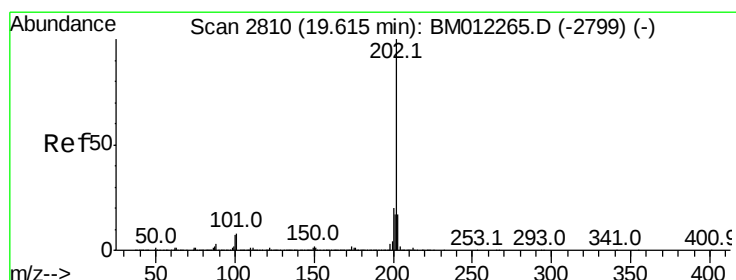
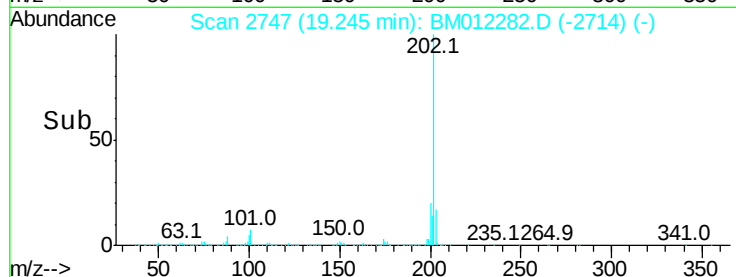
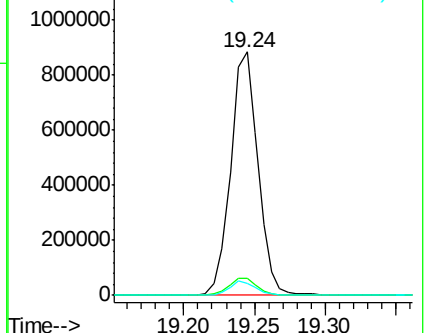
100 4.8 4.3 6.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 19.430 ng/ul

RT: 19.61 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

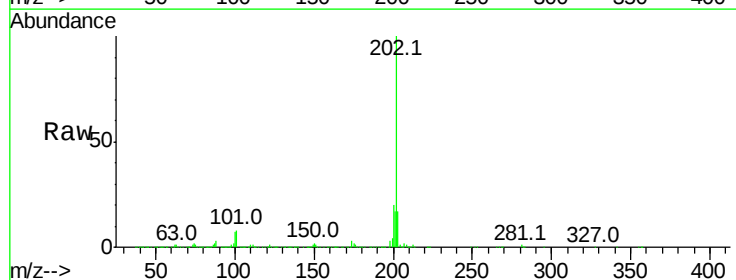
Tgt Ion:202 Resp: 1216897

Ion Ratio Lower Upper

202 100

101 7.9 6.5 9.7

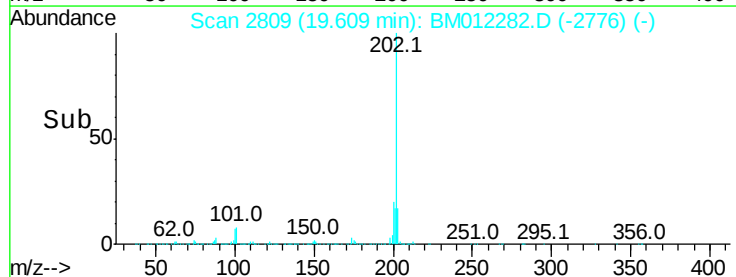
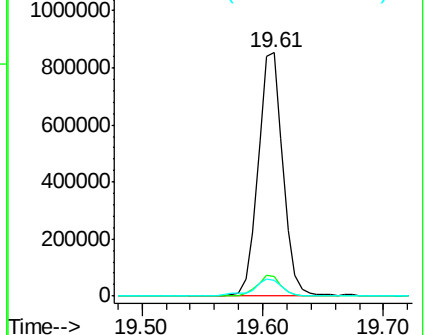
100 6.6 5.6 8.4

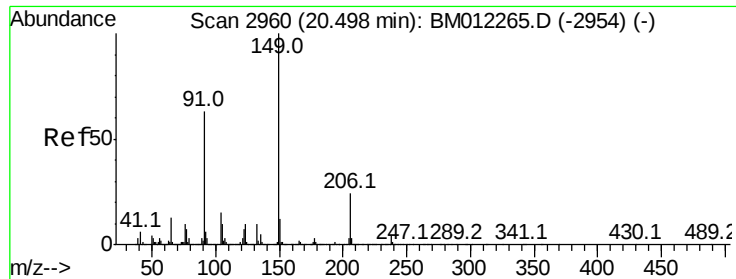


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

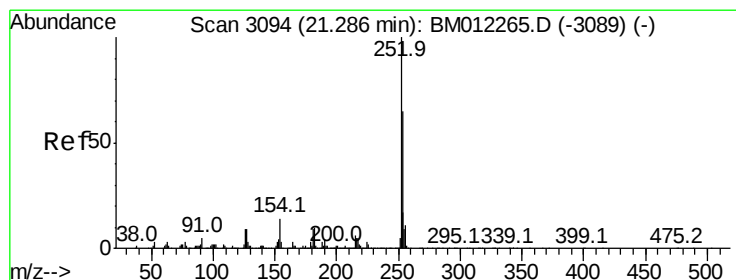
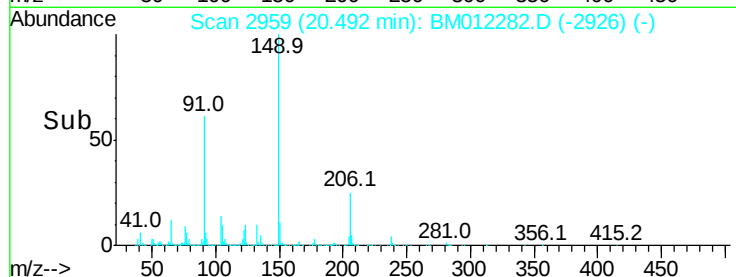
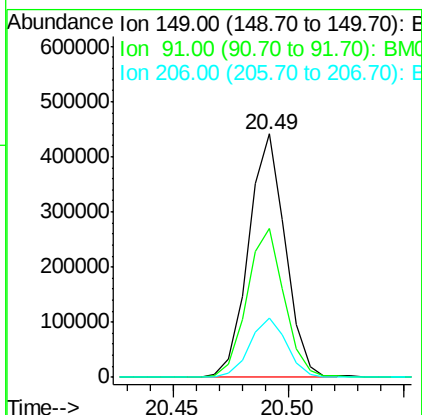
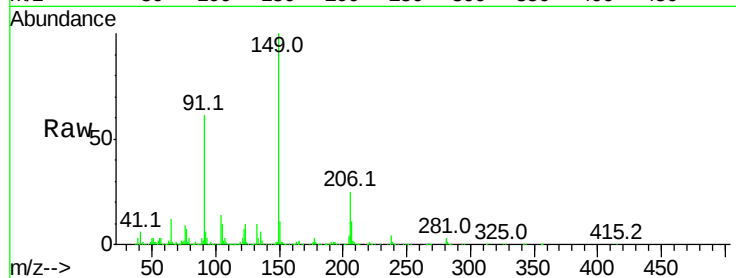




#78
Butylbenzylphthalate
Concen: 17.444 ng/ul
RT: 20.49 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BM012282.D
Acq: 18 Oct 2017 16:52

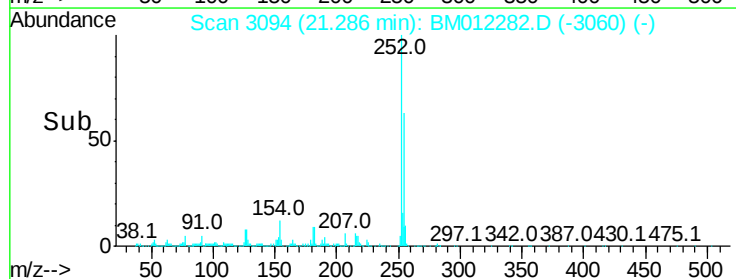
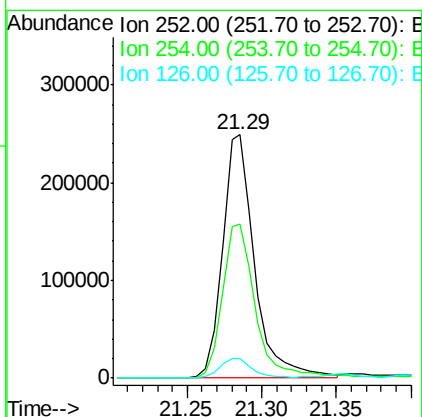
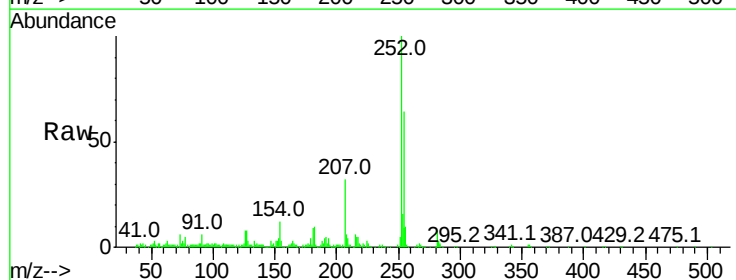
Instrument :
BNA_M
ClientSampled :

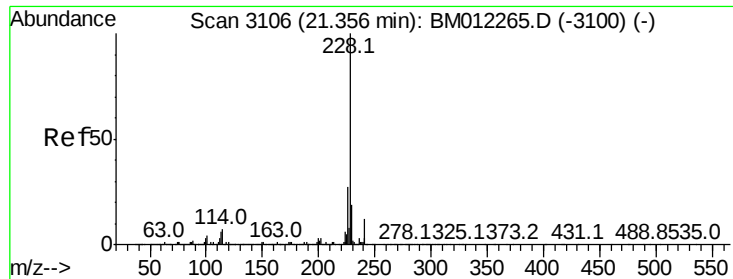
Tot Ion	Ratio	Lower	Upper
149	100		
91	61.0	52.8	79.2
206	24.6	19.1	28.7



#79
3,3'-Dichlorobenzidine
Concen: 19.897 ng/ul
RT: 21.29 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM012282.D
Acq: 18 Oct 2017 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.5	77.3
126	7.9	6.9	10.3





#80

Benzo(a)anthracene

Concen: 19.195 ng/ul

RT: 21.35 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

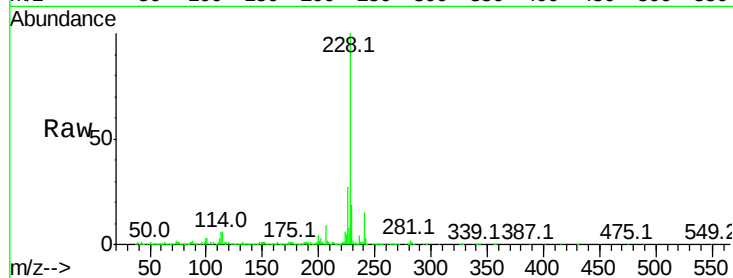
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1184484

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.8
226	26.8	21.4	32.2

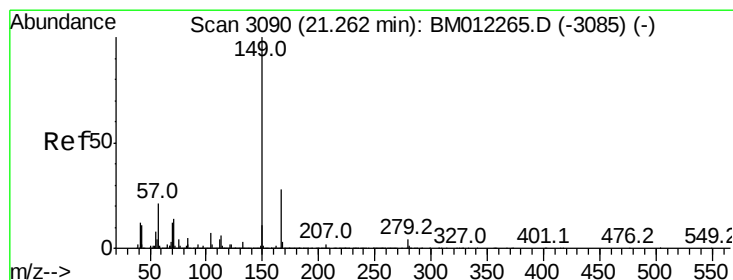
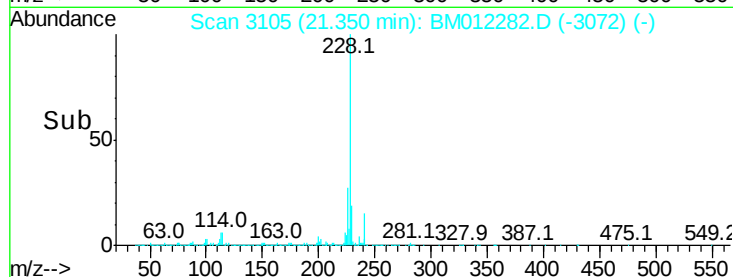
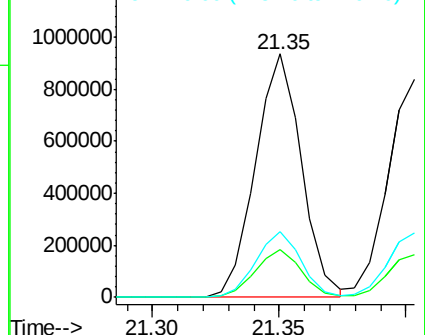


Abundance

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: 16.674 ng/ul

RT: 21.26 min Scan# 3089

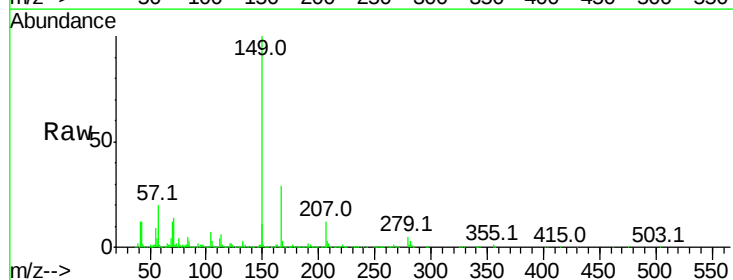
Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Tgt Ion:149 Resp: 697572

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.5	33.7
279	5.3	4.4	6.6

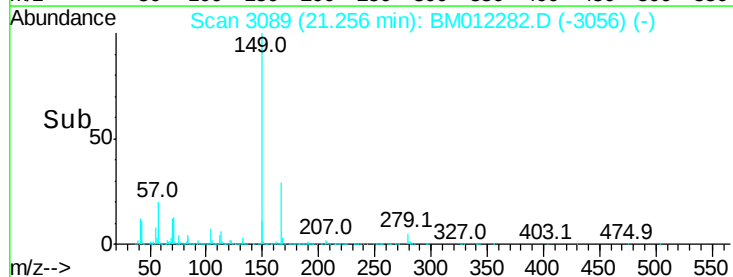
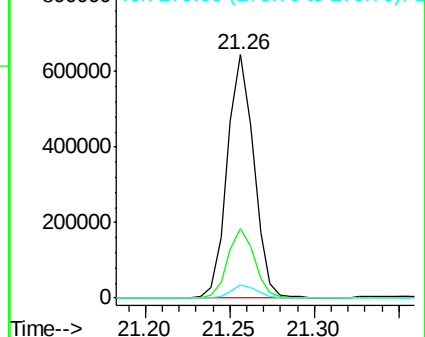


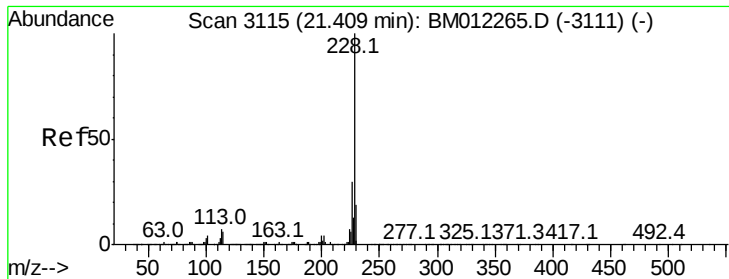
Abundance

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: 18.950 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

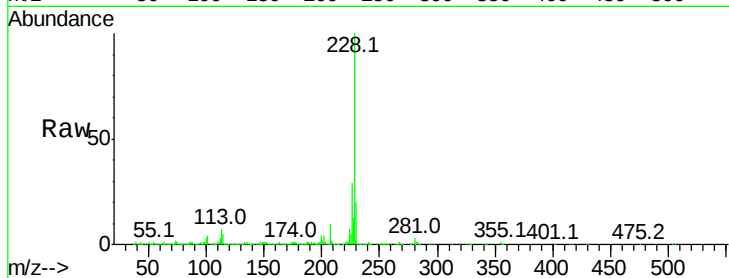
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1097902

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	19.7	15.5	23.3

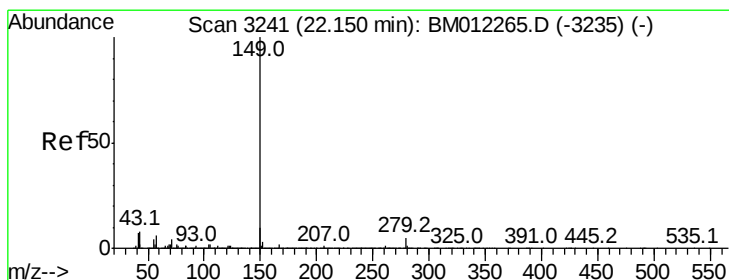
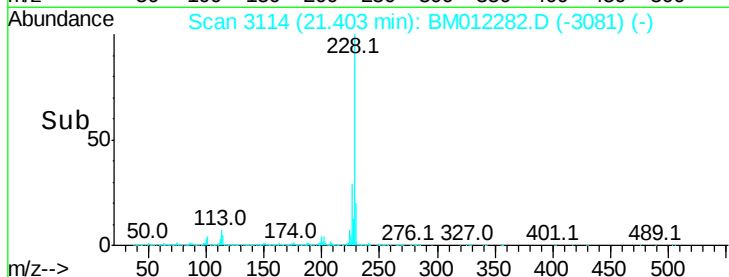
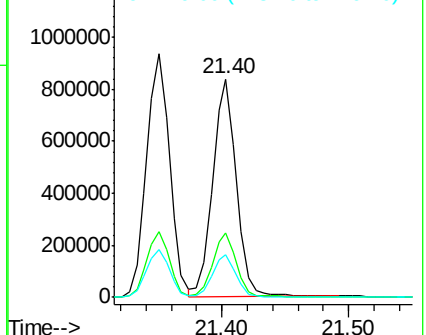


Abundance

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: 18.509 ng/ul

RT: 22.14 min Scan# 3240

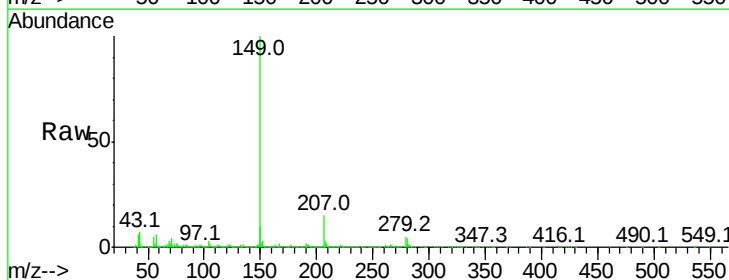
Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Tgt Ion:149 Resp: 1120315

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	7.2	6.4	9.6

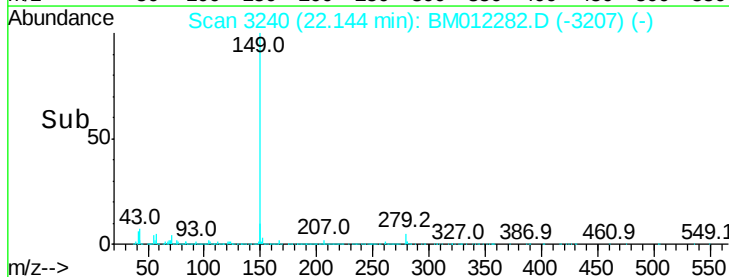
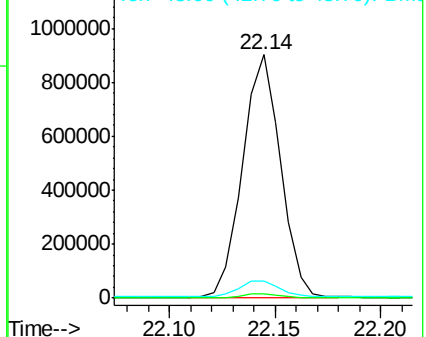


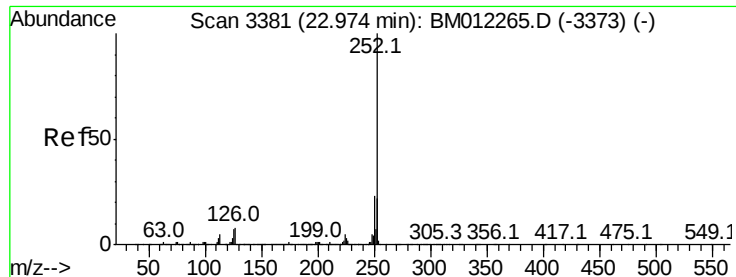
Abundance

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: 19.501 ng/u1

RT: 22.96 min Scan# 3379

Delta R.T. -0.01 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

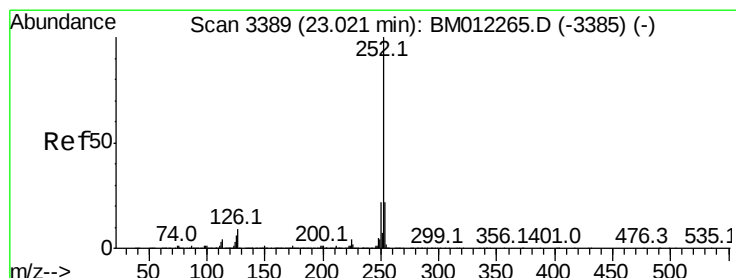
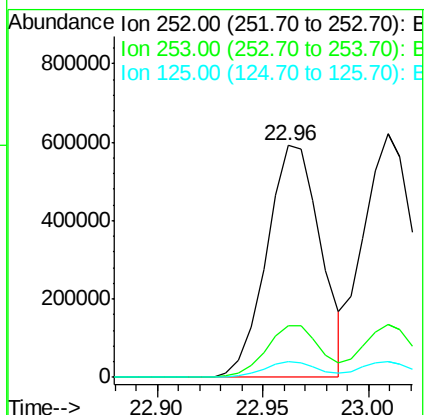
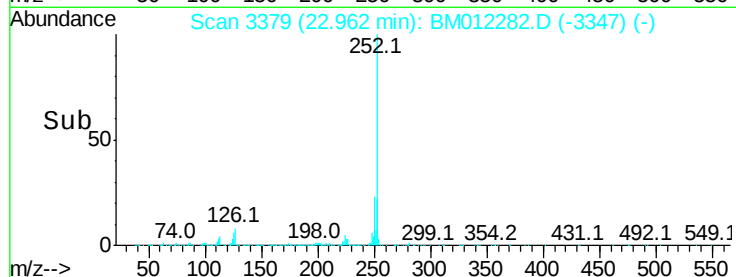
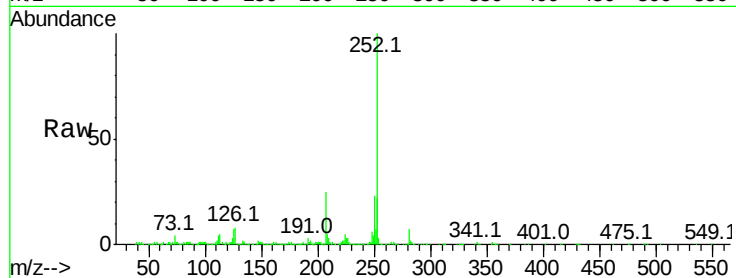
Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 1053621

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	6.7	5.1	7.7



#86

Benzo(k)fluoranthene

Concen: 20.504 ng/u1

RT: 23.01 min Scan# 3387

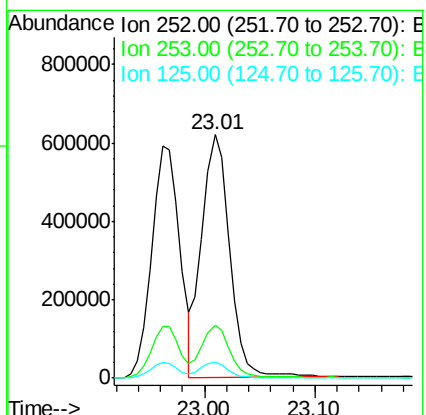
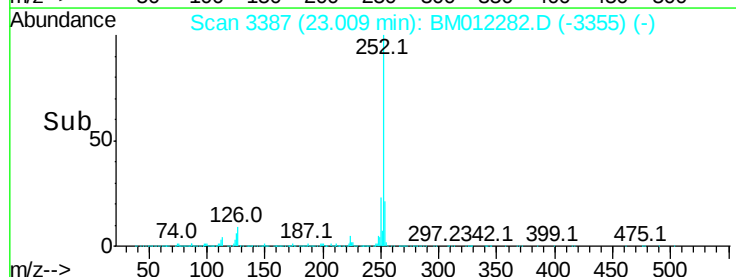
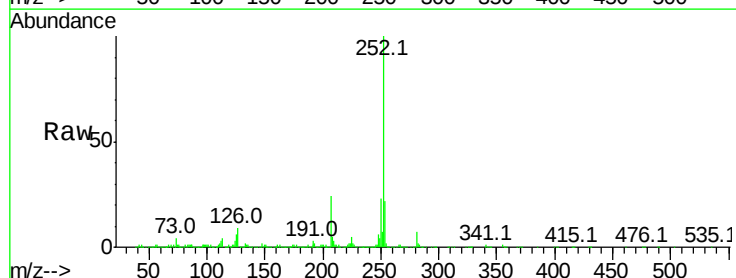
Delta R.T. -0.01 min

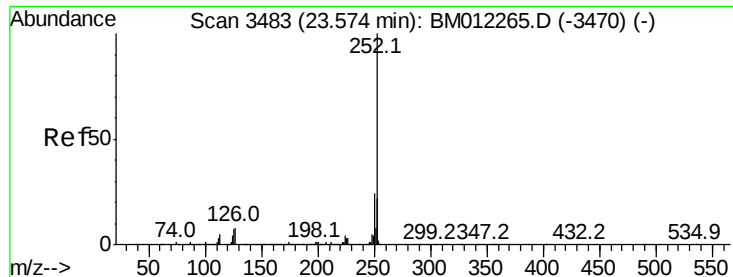
Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Tgt Ion:252 Resp: 1067554

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	6.3	4.9	7.3





#88

Benzo(a)pyrene

Concen: 19.695 ng/u1

RT: 23.56 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

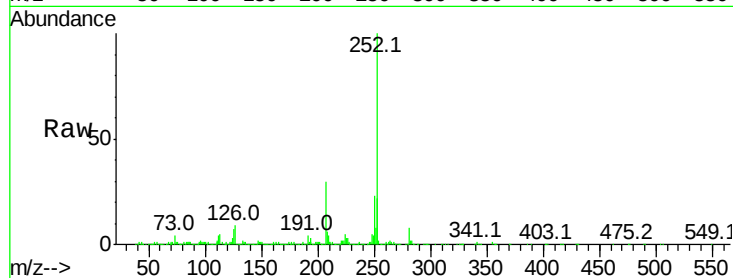
Tot Ion:252 Resp: 1002918

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

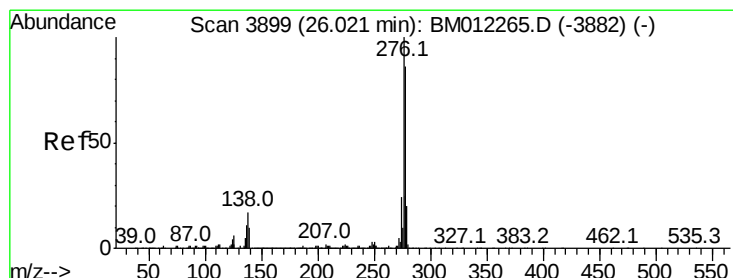
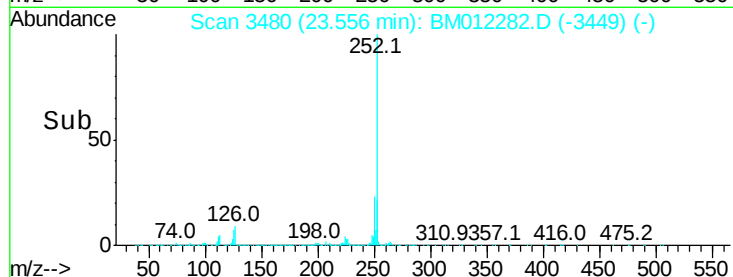
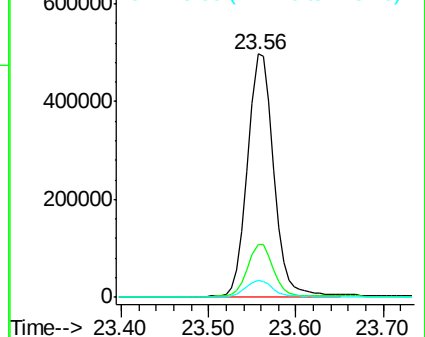
125 7.0 5.2 7.8



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: 18.552 ng/u1

RT: 26.00 min Scan# 3896

Delta R.T. -0.02 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

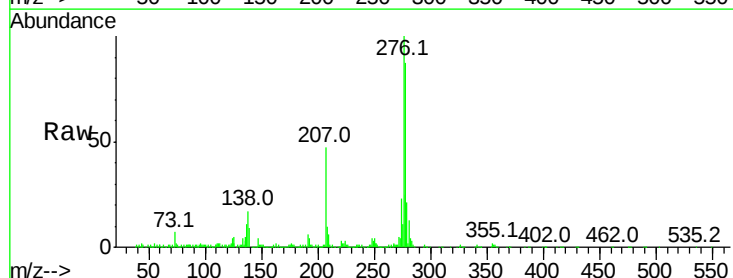
Tgt Ion:276 Resp: 1003203

Ion Ratio Lower Upper

276 100

138 16.8 13.2 19.8

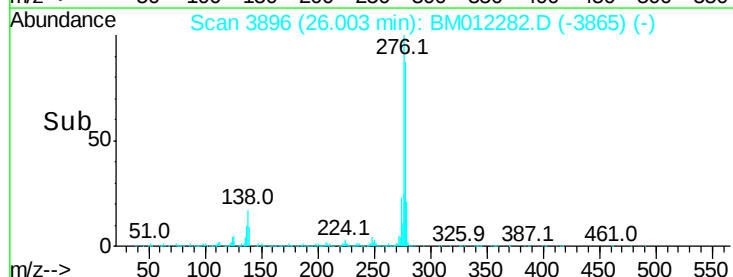
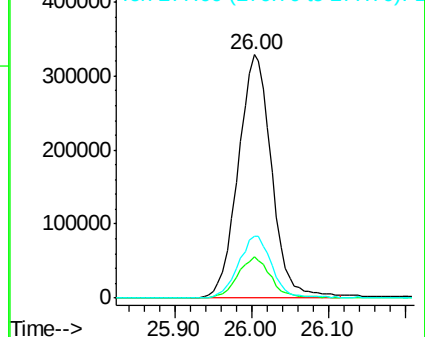
277 25.2 20.6 31.0

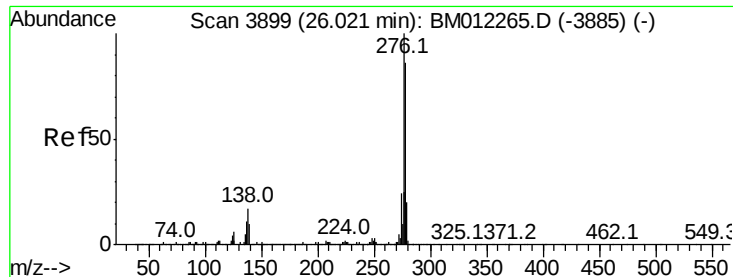


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 18.396 ng/ul

RT: 26.00 min Scan# 3896

Delta R.T. -0.02 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

Instrument :

BNA_M

ClientSampleId :

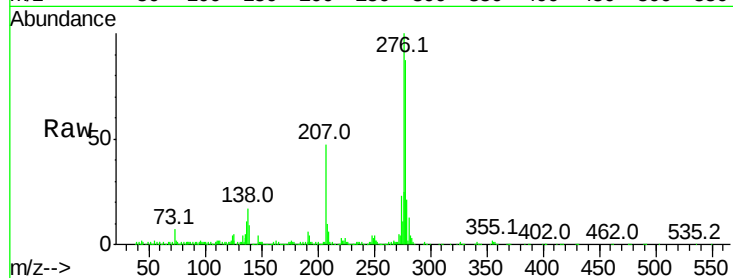
Tot Ion:278 Resp: 836247

Ion Ratio Lower Upper

278 100

139 10.7 8.3 12.5

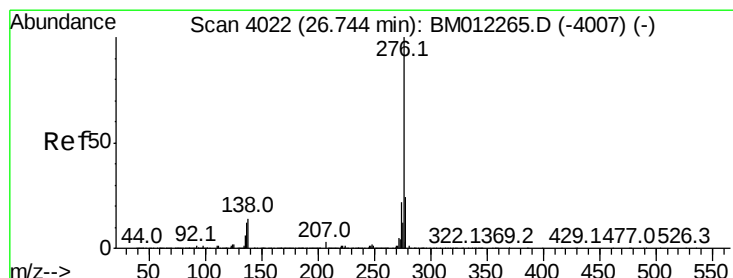
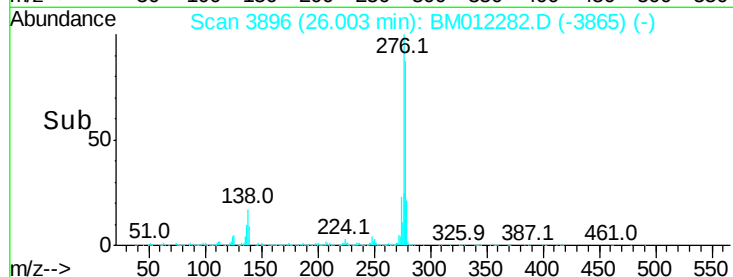
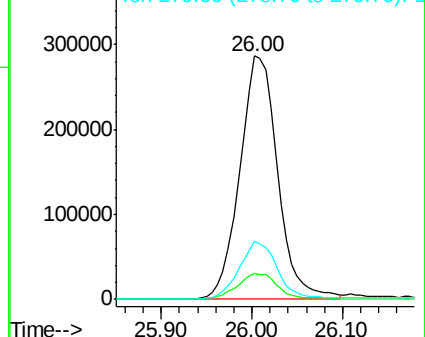
279 23.9 19.3 28.9



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: 18.670 ng/ul

RT: 26.73 min Scan# 4019

Delta R.T. -0.02 min

Lab File: BM012282.D

Acq: 18 Oct 2017 16:52

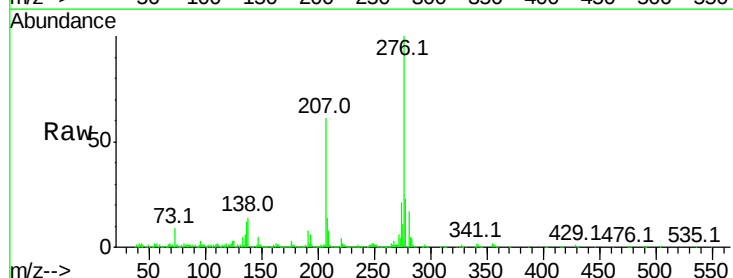
Tgt Ion:276 Resp: 826904

Ion Ratio Lower Upper

276 100

138 14.2 10.7 16.1

277 23.2 19.0 28.4



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

