

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072319\
 Data File : BM021611.D
 Acq On : 23 Jul 2019 12:26
 Operator : HP/JU
 Sample : SSTD16035
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16034

Quant Time: Jul 23 12:58:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 23 11:52:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	140744	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	685248	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	460809	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	1155845	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	1359510	20.00	ng/ul	0.01
85) Perylene-d12	23.55	264	1560729	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	138589	48.50	ng/uL	-0.01
5) Phenol-d5	6.89	99	2149022	196.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.06	67	1182192	182.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1769862	187.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	1829366	209.87	ng/ul	0.02
19) Nitrobenzene-d5	8.88	128	924567	163.80	ng/ul	0.01
22) 2-Nitrophenol-d4	9.59	143	1101151	172.52	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.12	165	2229105	175.11	ng/ul	0.01
29) 4-Chloroaniline-d4	10.65	131	1369734	119.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	6650427	164.79	ng/ul	0.02
46) Acenaphthylene-d8	14.05	160	8114496	160.13	ng/ul	0.01
51) 4-Nitrophenol-d4	14.61	143	1263120	197.50	ng/ul	0.04
57) Fluorene-d10	15.36	176	5917944	164.29	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.51	200	1548575	199.30	ng/ul	0.02
70) Anthracene-d10	17.22	188	9558620	159.21	ng/ul	0.02
78) Pyrene-d10	19.51	212	11136417	149.26	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.43	264	14777972	164.64	ng/ul	0.03

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.28	88	141669	47.176 ng/uL#	88
4) Benzaldehyde	6.87	77	669447	113.310 ng/ul	97
6) Phenol	6.92	94	2039073	194.668 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	1419811	175.313 ng/ul	98
10) 2-Chlorophenol	7.28	128	1657321	183.079 ng/ul	97
11) 2-Methylphenol	8.16	108	1611759	201.934 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1835959	185.910 ng/ul	99
14) Acetophenone	8.55	105	2578689	196.409 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	1306193	198.404 ng/ul	99
16) 4-Methylphenol	8.50	108	1747789	206.537 ng/ul	98
17) Hexachloroethane	8.76	117	636928	160.908 ng/ul	99
20) Nitrobenzene	8.92	77	2004734	158.567 ng/ul	98
21) Isophorone	9.46	82	3905470	174.284 ng/ul	98
23) 2-Nitrophenol	9.62	139	1058941	166.601 ng/ul	94
24) 2,4-Dimethylphenol	9.68	107	2052366	165.962 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.92	93	2262645	161.878 ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	1982676	170.270 ng/ul	99
28) Naphthalene	10.55	128	5397855	151.361 ng/ul	100
30) 4-Chloroaniline	10.67	127	1331191	121.007 ng/ul	99
31) Hexachlorobutadiene	10.80	225	1283946	149.199 ng/ul	100
32) Caprolactam	11.53	113	327262	107.695 ng/ul	96
33) 4-Chloro-3-methylphenol	11.81	107	2025750	186.900 ng/ul	99
34) 2-Methylnaphthalene	12.16	142	4273604	162.574 ng/ul	99

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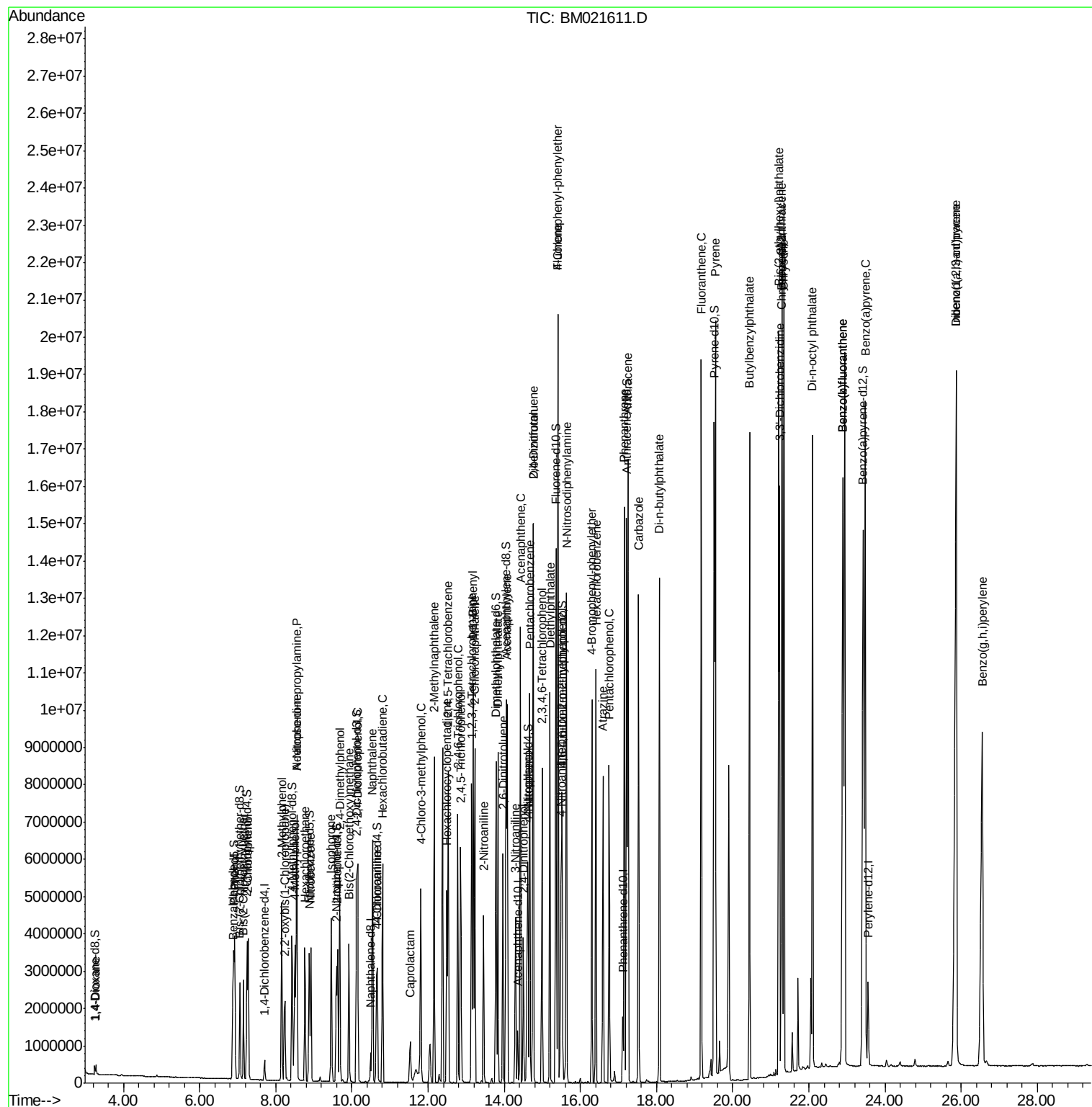
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	2700509	150.687	ng/ul	97
37) Hexachlorocyclopentadiene	12.49	237	1604918	176.037	ng/ul	99
38) 2,4,6-Trichlorophenol	12.78	196	1815396	170.214	ng/ul	99
39) 2,4,5-Trichlorophenol	12.86	196	1968768	174.160	ng/ul	99
40) 1,1'-Biphenyl	13.19	154	5705476	147.933	ng/ul	99
41) 2-Chloronaphthalene	13.23	162	4633776	149.918	ng/ul	98
42) 2-Nitroaniline	13.46	65	1347469	199.512	ng/ul	95
44) Dimethylphthalate	13.83	163	6018682	160.153	ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	1371462	200.407	ng/ul#	90
47) Acenaphthylene	14.08	152	6873012	155.901	ng/ul	99
48) 3-Nitroaniline	14.30	138	1171130	190.241	ng/ul	96
49) Acenaphthene	14.42	153	4934780	154.047	ng/ul	98
50) 2,4-Dinitrophenol	14.50	184	951476	231.188	ng/ul	95
52) 4-Nitrophenol	14.63	109	938083	196.916	ng/ul	93
53) Dibenzofuran	14.76	168	7241490	156.049	ng/ul	97
54) 2,4-Dinitrotoluene	14.76	165	2027608	193.179	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.99	232	1882619	186.864	ng/ul	93
56) Diethylphthalate	15.20	149	5946444	164.809	ng/ul	96
58) Fluorene	15.42	166	6041784	160.929	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.40	204	3407558	162.407	ng/ul	96
60) 4-Nitroaniline	15.49	138	1317628	208.456	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.53	198	1465915	189.643	ng/ul#	88
64) N-Nitrosodiphenylamine	15.63	169	5285992	153.733	ng/ul	100
65) 4-Bromophenyl-phenylether	16.30	248	2341067	163.701	ng/ul	94
66) Hexachlorobenzene	16.41	284	2697309	158.646	ng/ul	96
67) Atrazine	16.60	200	1850574	145.681	ng/ul	99
68) Pentachlorophenol	16.76	266	1729780	193.005	ng/ul	99
69) Phenanthrene	17.16	178	9913354	152.107	ng/ul	97
71) Anthracene	17.25	178	10100631	152.270	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.15	216	2723879	143.759	ng/ul	99
73) Pentachlorobenzene	14.67	250	2889773	148.051	ng/ul	97
74) Carbazole	17.53	167	8999382	163.452	ng/ul	99
75) Di-n-butylphthalate	18.07	149	10042350	159.205	ng/ul	98
76) Fluoranthene	19.17	202	12343693	159.502	ng/ul	99
79) Pyrene	19.54	202	12256466	136.220	ng/ul	98
80) Butylbenzylphthalate	20.44	149	5095617	159.877	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.23	252	4896928	162.000	ng/ul	98
82) Benzo(a)anthracene	21.29	228	13263235	142.458	ng/ul	92
83) Bis(2-ethylhexyl)phthalate	21.21	149	7206399	153.714	ng/ul#	94
84) Chrysene	21.34	228	11939069	136.409	ng/ul	91
86) Di-n-octyl phthalate	22.09	149	12127103	143.838	ng/ul	100
87) Benzo(b)fluoranthene	22.89	252	16021641	164.730	ng/ul	97
88) Benzo(k)fluoranthene	22.89	252	16021641	165.383	ng/ul	98
90) Benzo(a)pyrene	23.48	252	14445335	153.769	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.87	276	17552239	151.257	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.87	278	14636314	150.037	ng/ul	98
93) Benzo(g,h,i)perylene	26.56	276	14077055	147.038	ng/ul	98

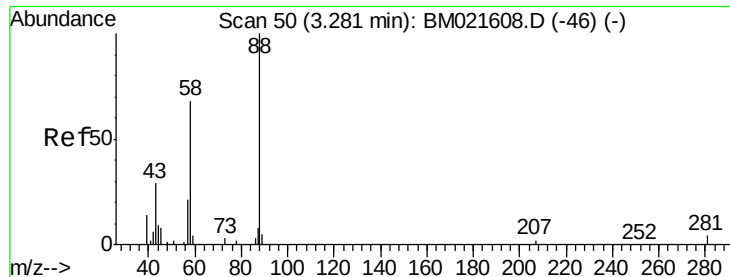
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 47.176 ng/uL

RT: 3.28 min Scan# 49

Delta R.T. -0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

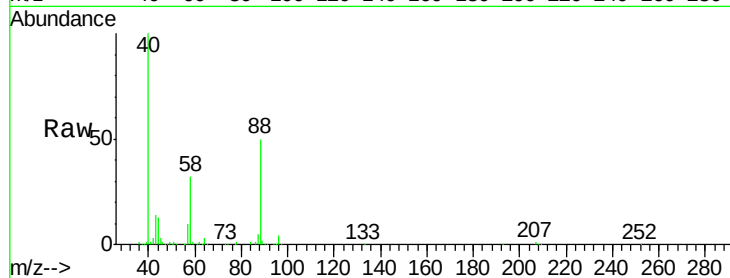
Tgt Ion: 88 Resp: 141669

Ion Ratio Lower Upper

88 100

43 28.6 33.5 50.3#

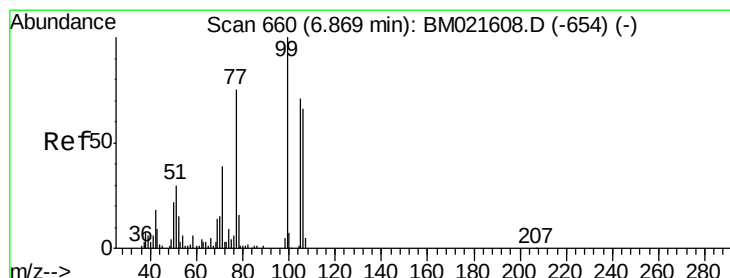
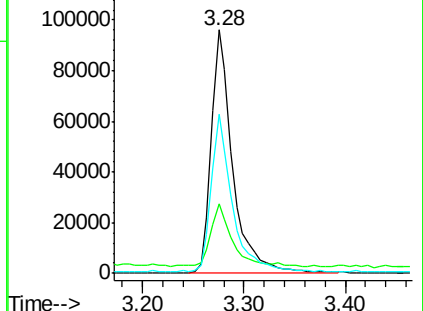
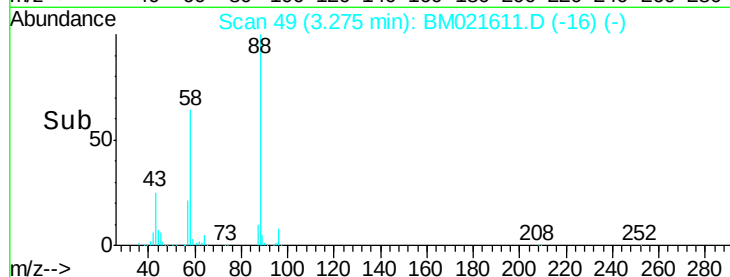
58 65.2 56.2 84.2



Abundance Ion 88.00 (87.70 to 88.70): BM021611.D (-16) (-)

Ion 43.00 (42.70 to 43.70): BM021611.D (-16) (-)

Ion 58.00 (57.70 to 58.70): BM021611.D (-16) (-)



#4

Benzaldehyde

Concen: 113.310 ng/uL

RT: 6.87 min Scan# 660

Delta R.T. -0.00 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

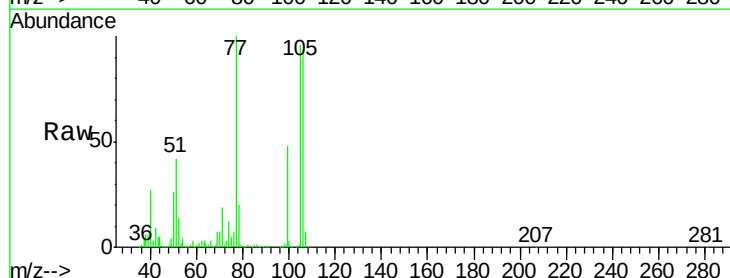
Tgt Ion: 77 Resp: 669447

Ion Ratio Lower Upper

77 100

105 96.2 75.8 113.8

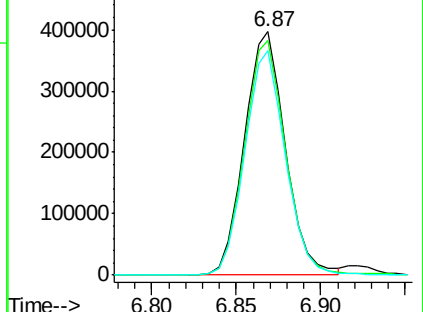
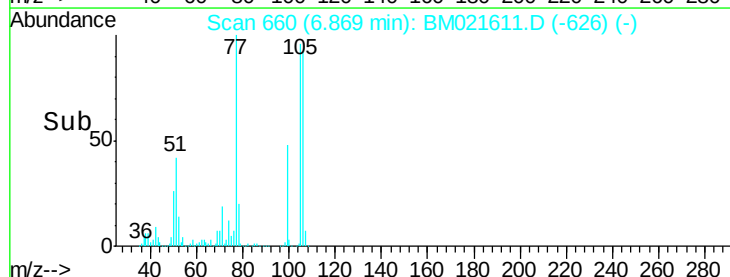
106 92.1 70.9 106.3

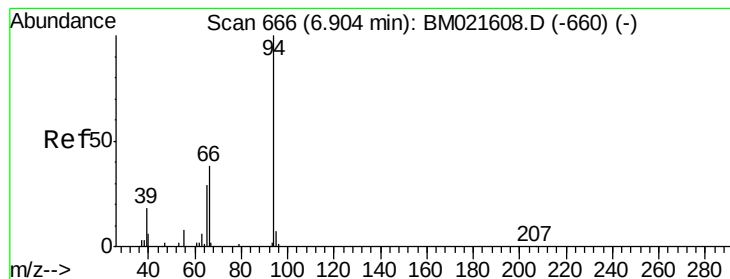


Abundance Ion 77.00 (76.70 to 77.70): BM021611.D (-626) (-)

Ion 105.00 (104.70 to 105.70): BM021611.D (-626) (-)

Ion 106.00 (105.70 to 106.70): BM021611.D (-626) (-)





#6

Phenol

Concen: 194.668 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. 0.02 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

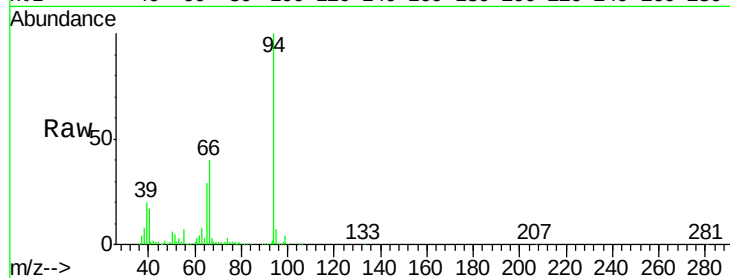
Tgt Ion: 94 Resp: 2039073

Ion Ratio Lower Upper

94 100

65 28.9 23.3 34.9

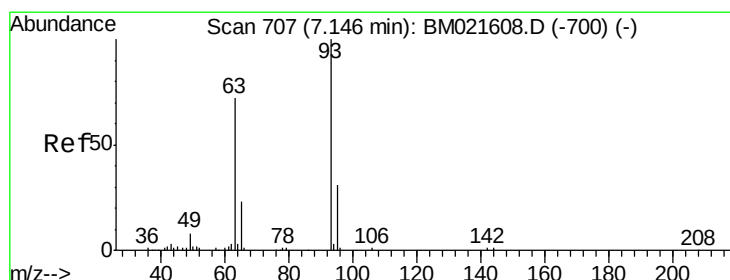
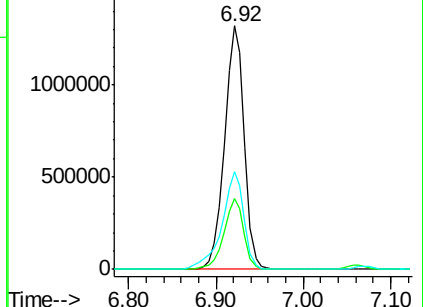
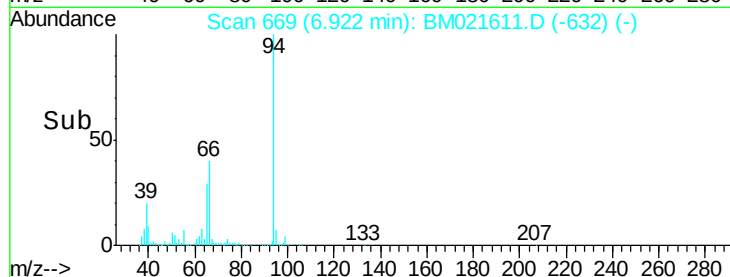
66 40.0 33.2 49.8



Abundance Ion 94.00 (93.70 to 94.70): BM021611.D (-632) (-)

Ion 65.00 (64.70 to 65.70): BM021611.D (-632) (-)

Ion 66.00 (65.70 to 66.70): BM021611.D (-632) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 175.313 ng/ul

RT: 7.15 min Scan# 708

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

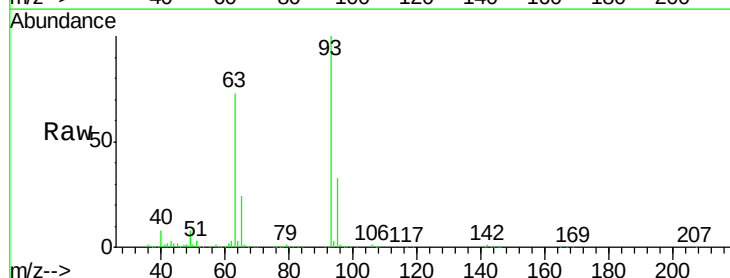
Tgt Ion: 93 Resp: 1419811

Ion Ratio Lower Upper

93 100

63 72.7 57.3 85.9

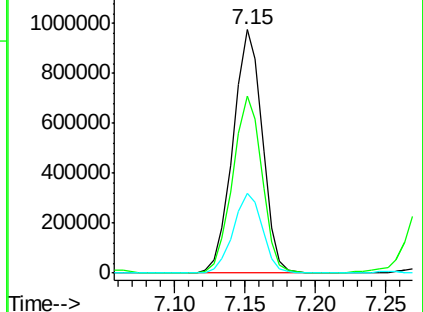
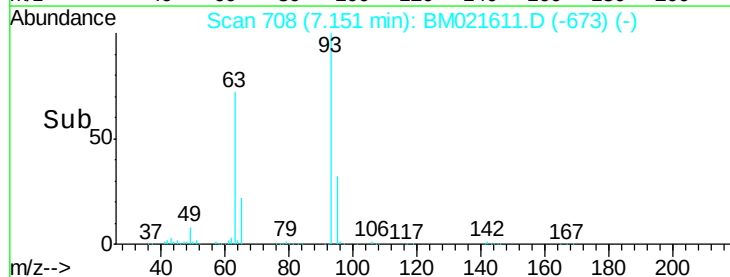
95 32.8 24.9 37.3

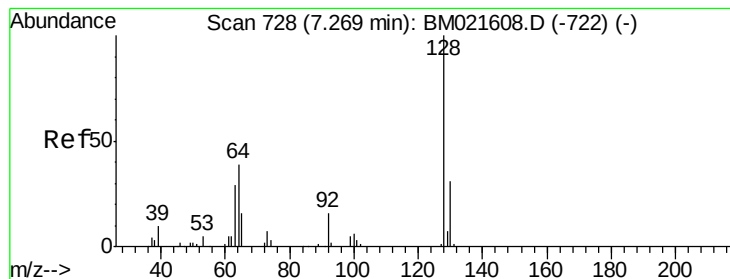


Abundance Ion 93.00 (92.70 to 93.70): BM021611.D (-673) (-)

Ion 63.00 (62.70 to 63.70): BM021611.D (-673) (-)

Ion 95.00 (94.70 to 95.70): BM021611.D (-673) (-)





#10

2-Chlorophenol

Concen: 183.079 ng/ul

RT: 7.28 min Scan# 730

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

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SSTD16034

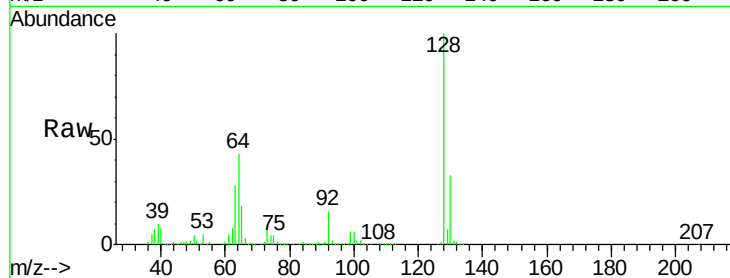
Tgt Ion:128 Resp: 1657321

Ion Ratio Lower Upper

128 100

64 42.8 35.2 52.8

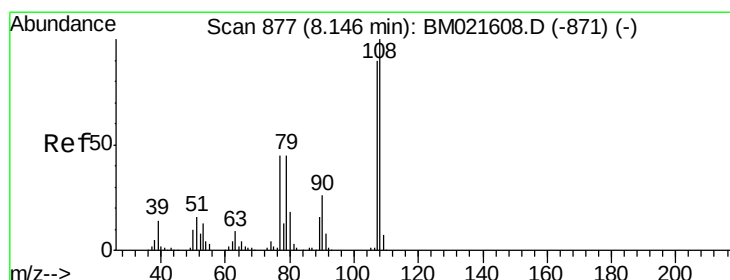
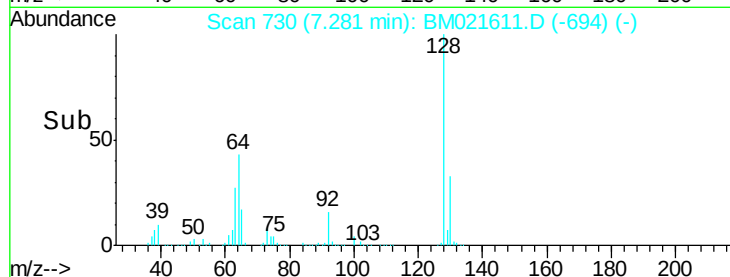
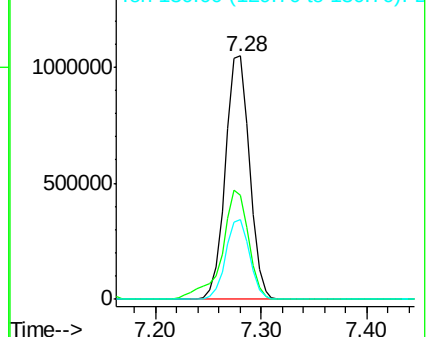
130 32.9 24.7 37.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM021611.D (-694) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 201.934 ng/ul

RT: 8.16 min Scan# 879

Delta R.T. 0.01 min

Lab File: BM021611.D

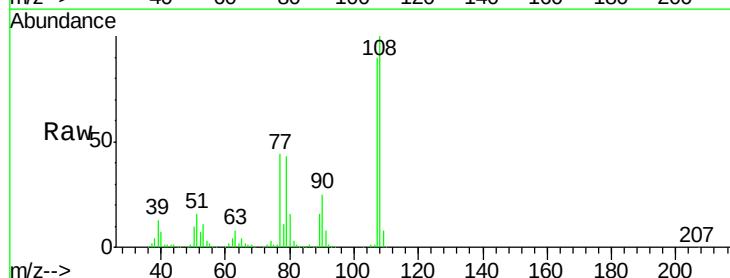
Acq: 23 Jul 2019 12:26

Tgt Ion:108 Resp: 1611759

Ion Ratio Lower Upper

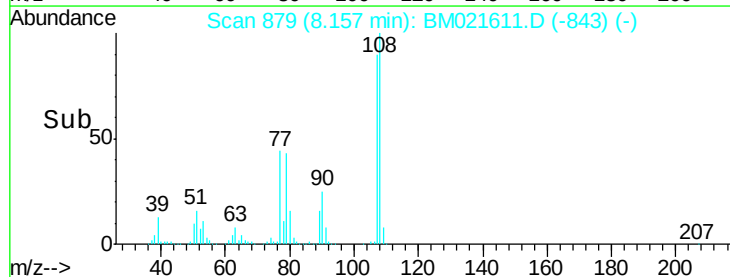
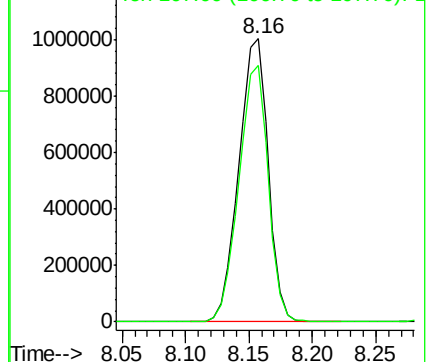
108 100

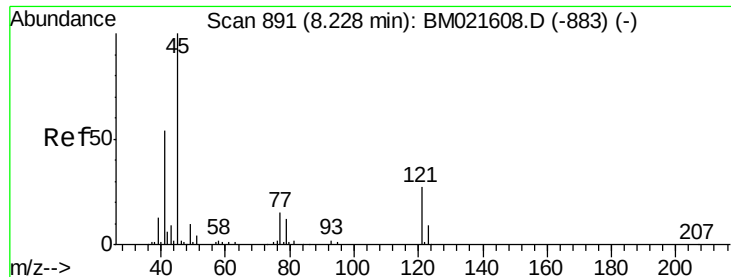
107 90.5 72.1 108.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

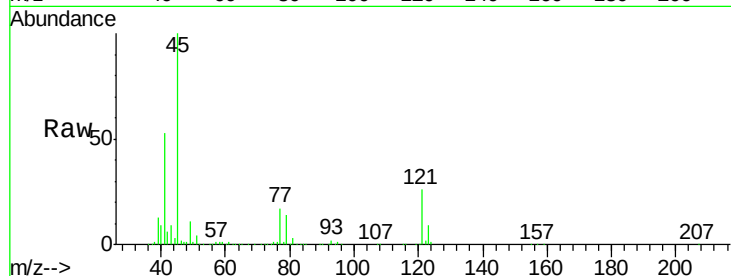




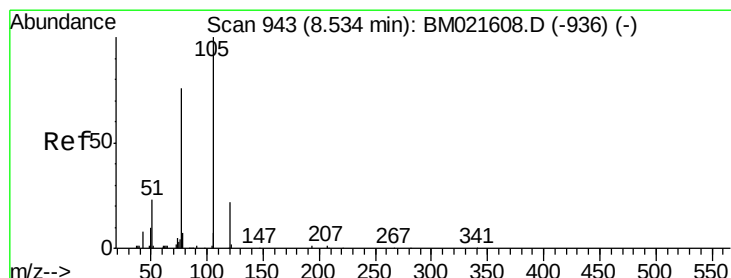
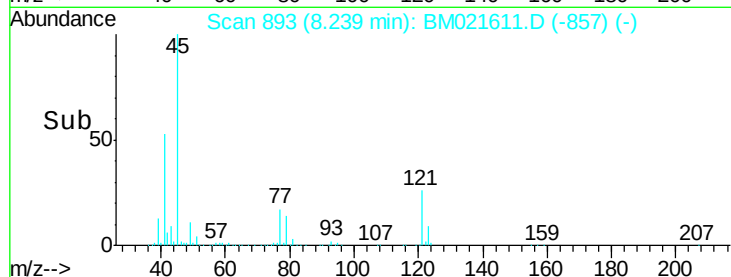
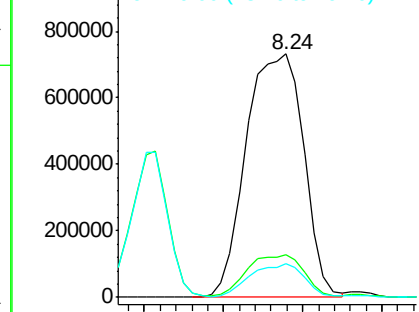
#12
2,2'-oxybis(1-chloropropane)
Concen: 185.910 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. 0.01 min
Lab File: BM021611.D
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Tgt Ion: 45 Resp: 1835959
Ion Ratio Lower Upper
45 100
77 17.4 13.7 20.5
79 13.7 10.2 15.2

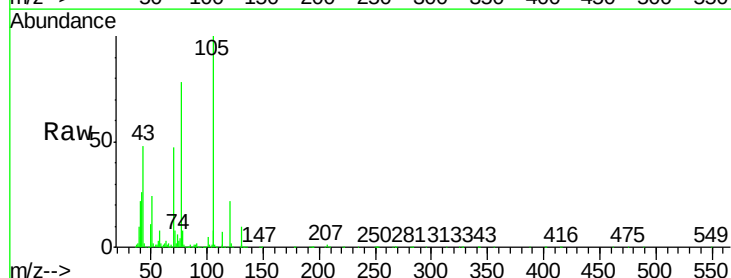


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

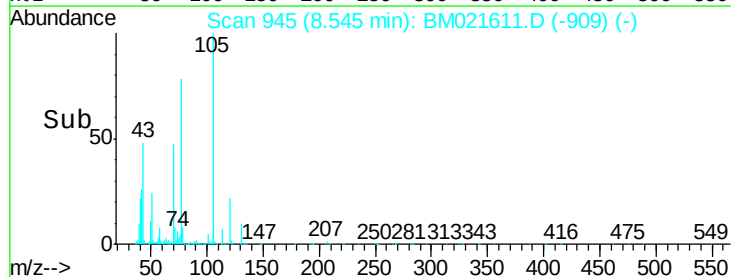
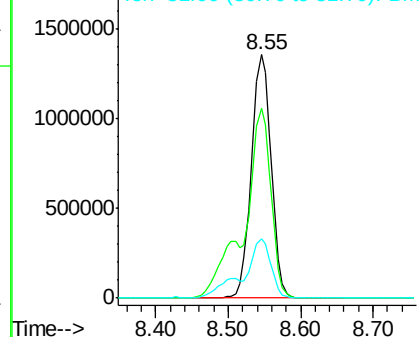


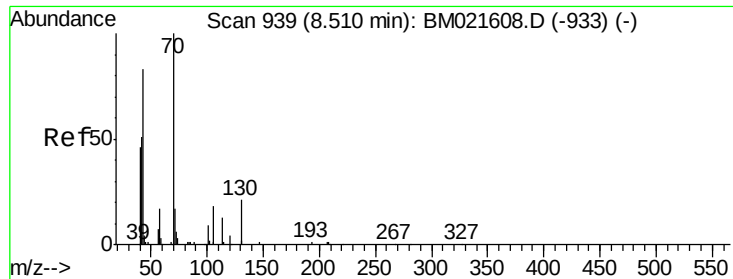
#14
Acetophenone
Concen: 196.409 ng/ul
RT: 8.55 min Scan# 945
Delta R.T. 0.01 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

Tgt Ion: 105 Resp: 2578689
Ion Ratio Lower Upper
105 100
77 78.1 66.3 99.5
51 24.5 20.2 30.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 198.404 ng/ul

RT: 8.55 min Scan# 946

Delta R.T. 0.04 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

Tgt Ion: 70 Resp: 1306193

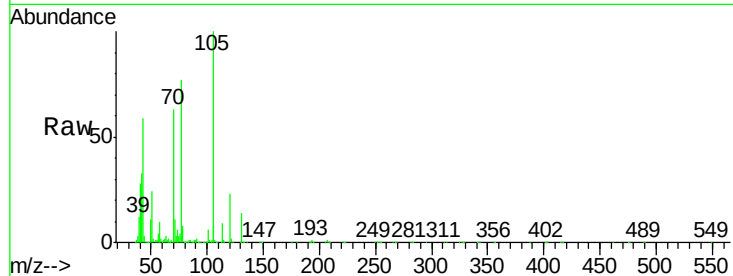
Ion Ratio Lower Upper

70 100

42 53.1 42.2 63.2

101 10.3 7.6 11.4

130 22.4 16.7 25.1

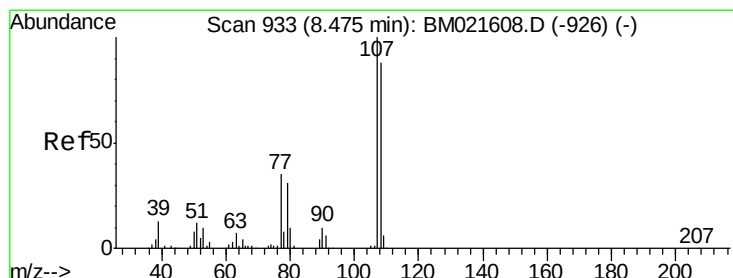
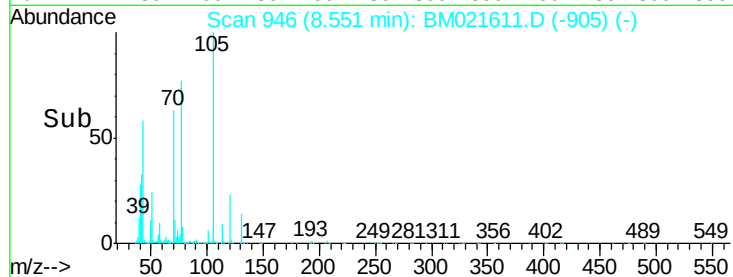
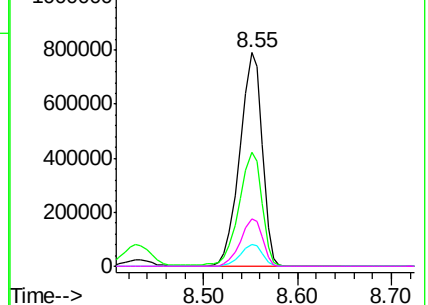


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 206.537 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. 0.03 min

Lab File: BM021611.D

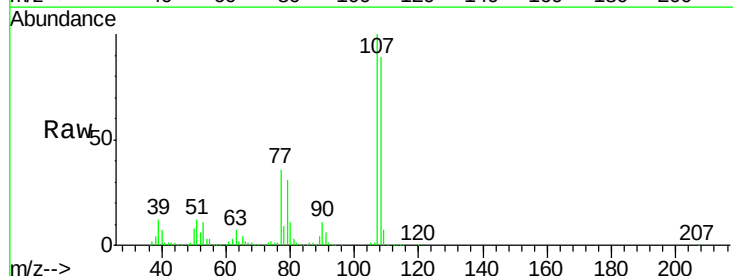
Acq: 23 Jul 2019 12:26

Tgt Ion: 108 Resp: 1747789

Ion Ratio Lower Upper

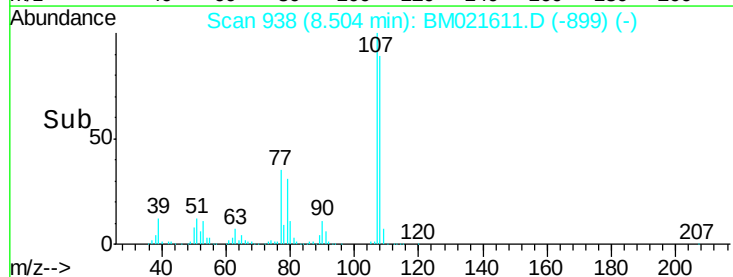
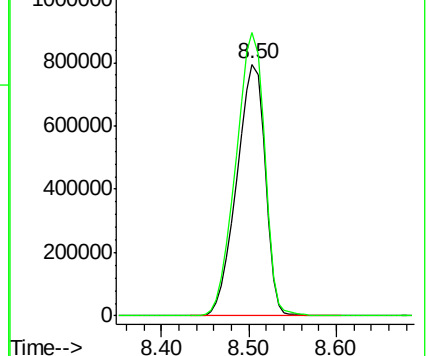
108 100

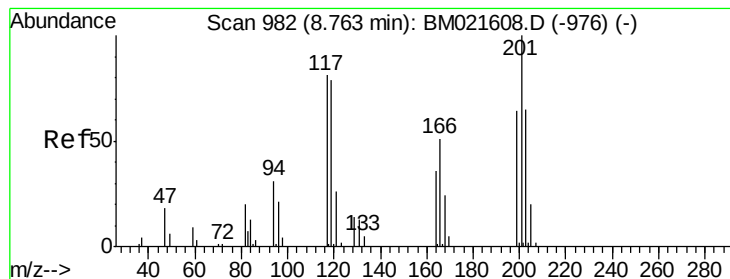
107 112.4 91.4 137.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 160.908 ng/ul

RT: 8.76 min Scan# 982

Delta R.T. -0.00 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

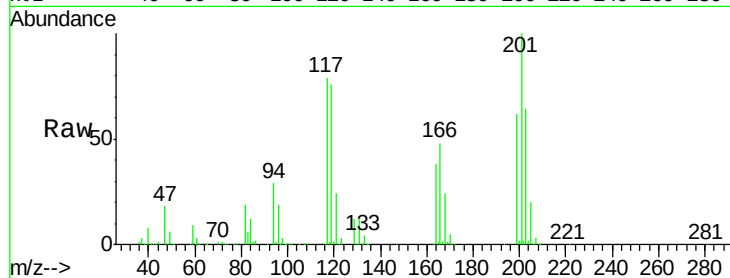
Tgt Ion:117 Resp: 636928

Ion Ratio Lower Upper

117 100

201 125.9 99.3 148.9

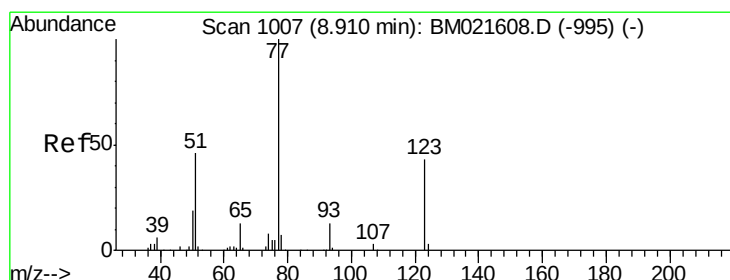
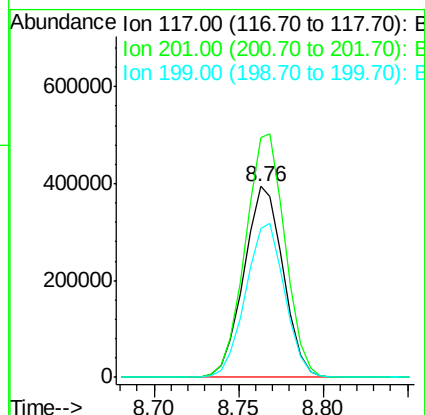
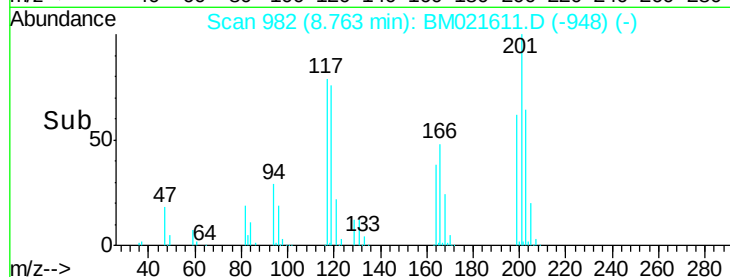
199 77.8 63.2 94.8



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: 158.567 ng/ul

RT: 8.92 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

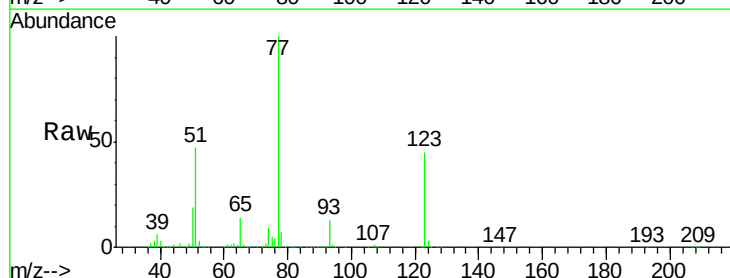
Tgt Ion: 77 Resp: 2004734

Ion Ratio Lower Upper

77 100

123 44.9 34.5 51.7

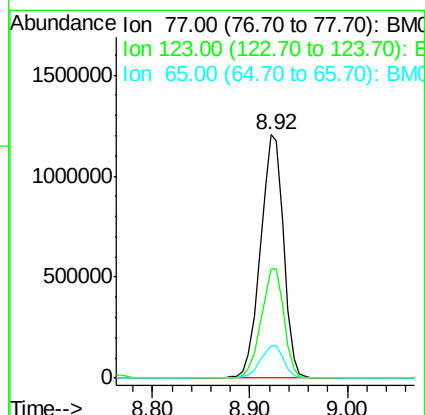
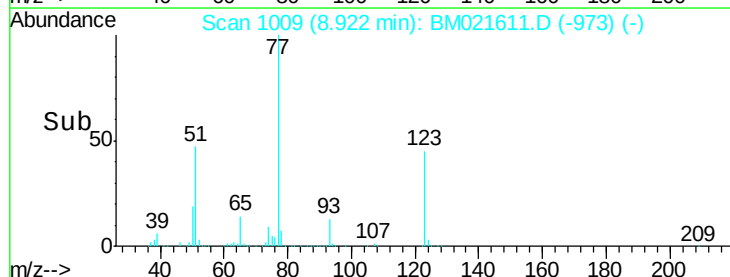
65 13.6 10.7 16.1

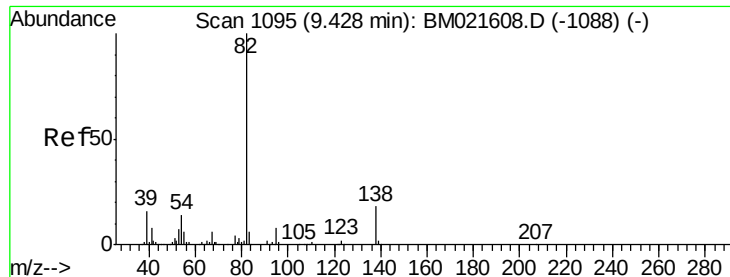


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 174.284 ng/ul

RT: 9.46 min Scan# 1100

Delta R.T. 0.03 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

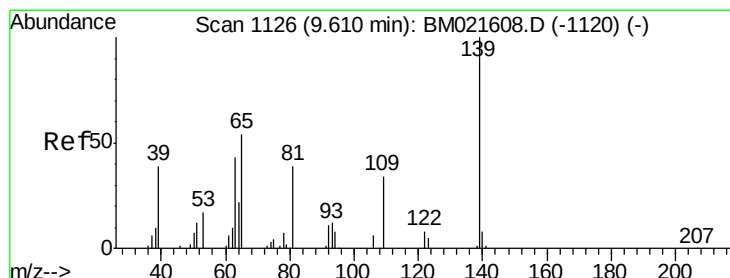
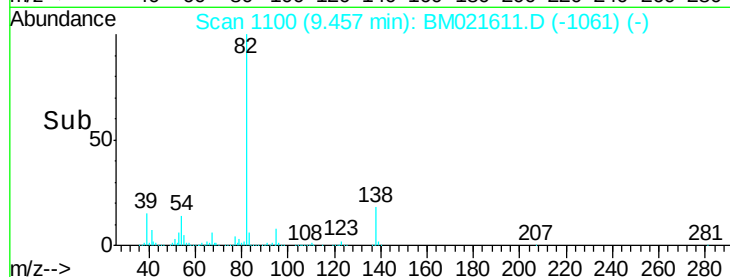
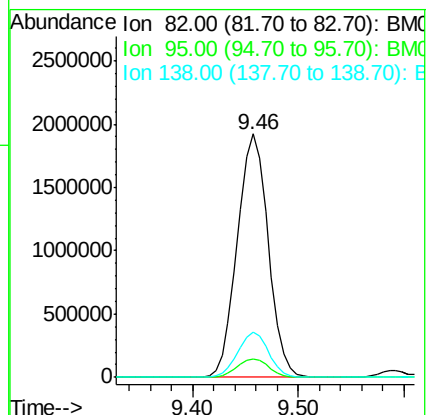
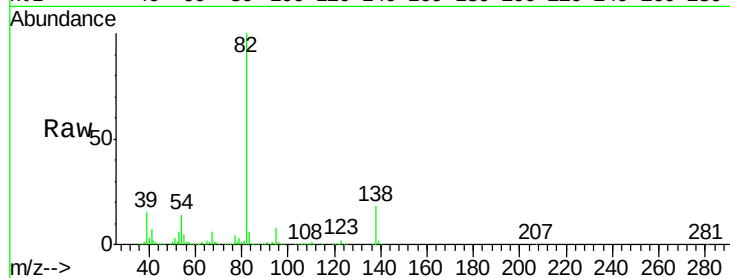
Tgt Ion: 82 Resp: 3905470

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

138 18.5 14.1 21.1



#23

2-Nitrophenol

Concen: 166.601 ng/ul

RT: 9.62 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

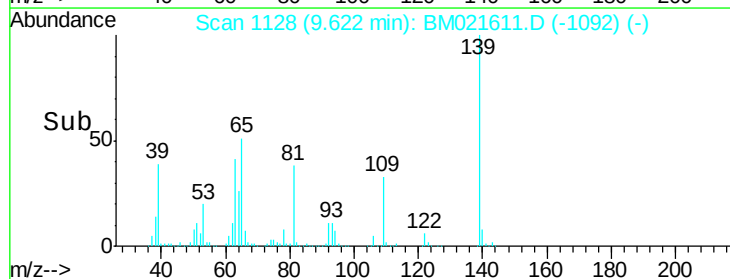
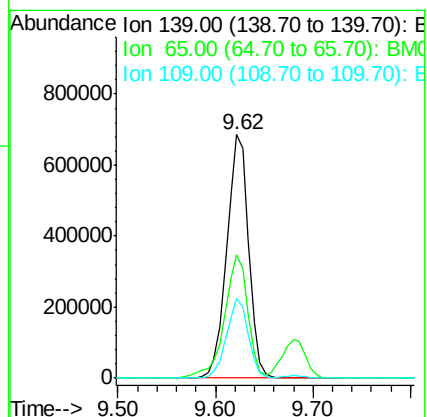
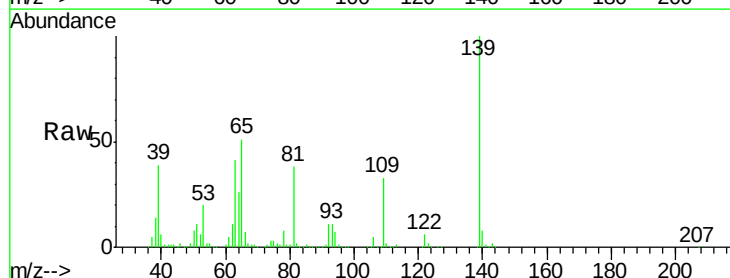
Tgt Ion: 139 Resp: 1058941

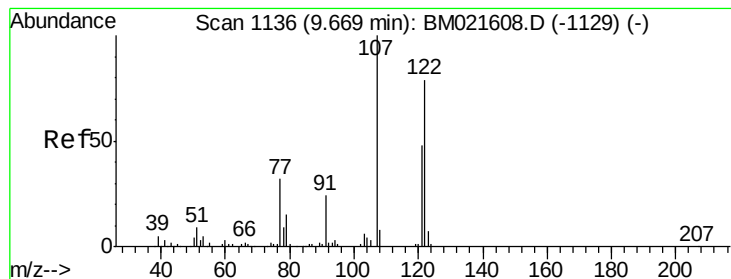
Ion Ratio Lower Upper

139 100

65 50.6 45.3 67.9

109 32.6 27.3 40.9





#24

2,4-Dimethylphenol

Concen: 165.962 ng/ul

RT: 9.68 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

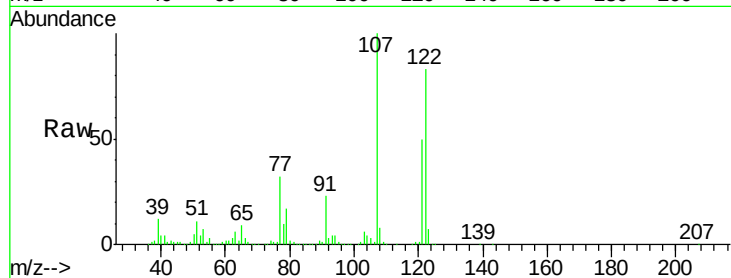
Tgt Ion:107 Resp: 2052366

Ion Ratio Lower Upper

107 100

121 50.2 38.3 57.5

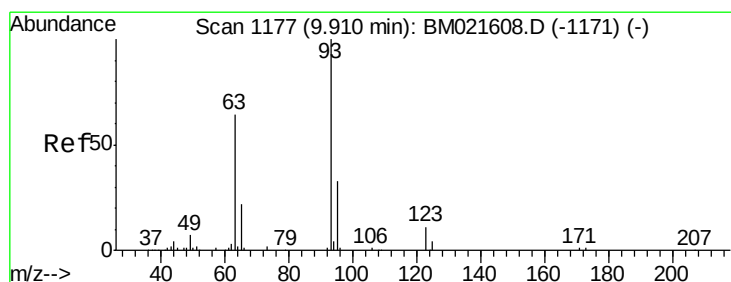
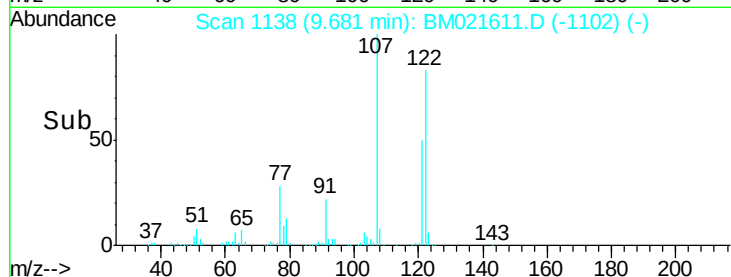
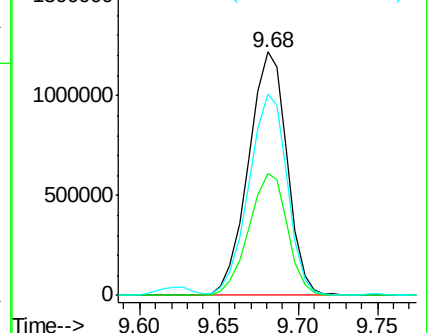
122 82.6 64.0 96.0



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: 161.878 ng/ul

RT: 9.92 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

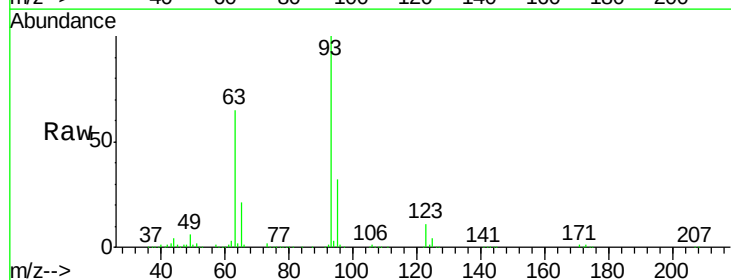
Tgt Ion: 93 Resp: 2262645

Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

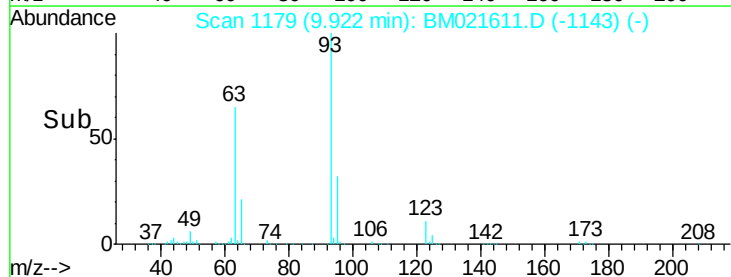
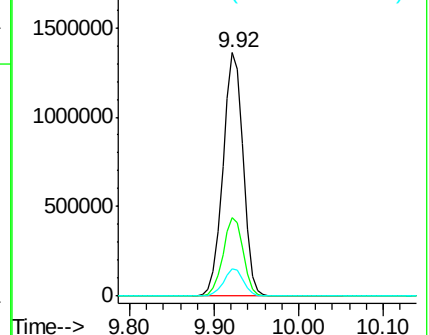
123 11.3 8.6 13.0

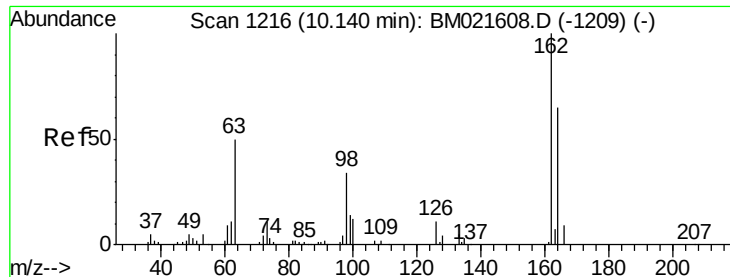


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

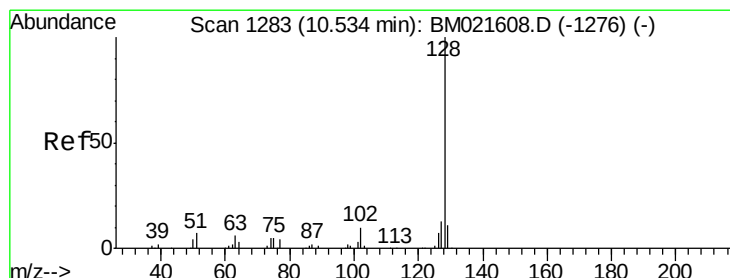
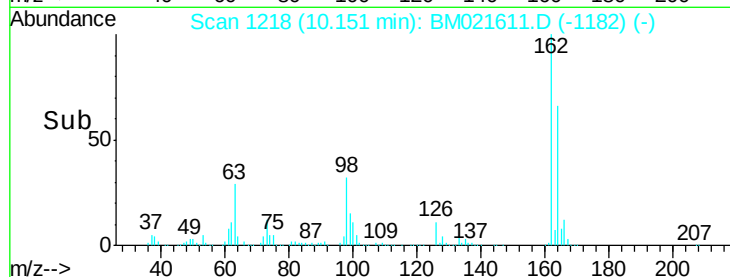
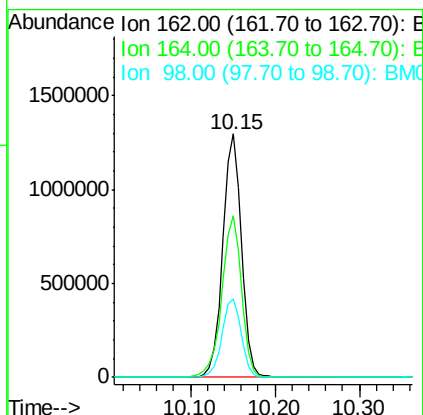
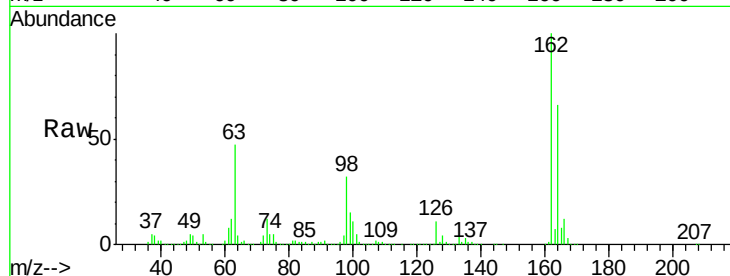




#27
 2,4-Dichlorophenol
 Concen: 170.270 ng/ul
 RT: 10.15 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

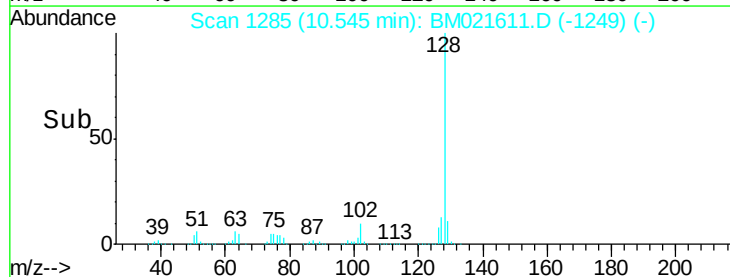
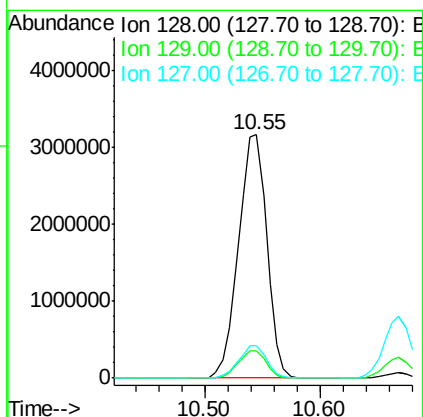
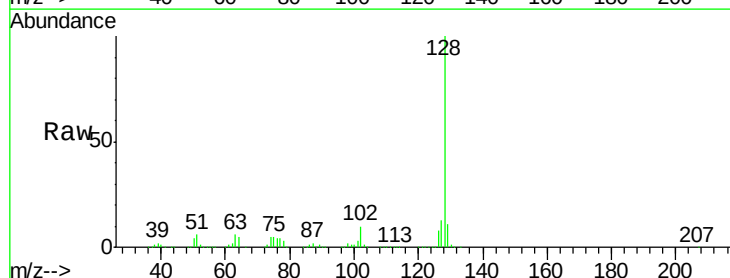
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16034

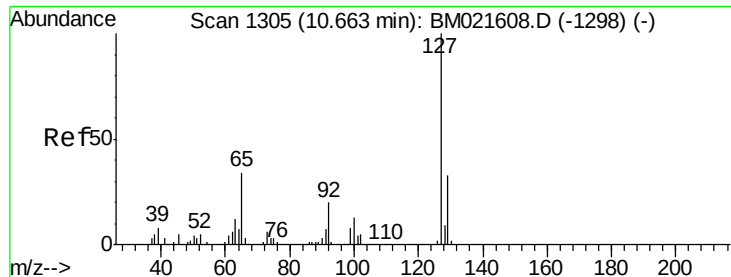
Tgt Ion:162 Resp: 1982676
 Ion Ratio Lower Upper
 162 100
 164 66.5 53.0 79.6
 98 32.1 27.5 41.3



#28
 Naphthalene
 Concen: 151.361 ng/ul
 RT: 10.55 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

Tgt Ion:128 Resp: 5397855
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.9 13.3
 127 13.4 10.8 16.2

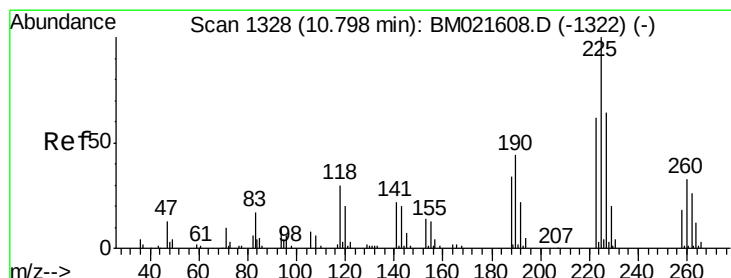
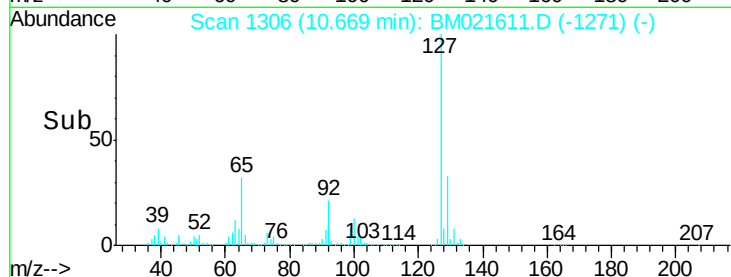
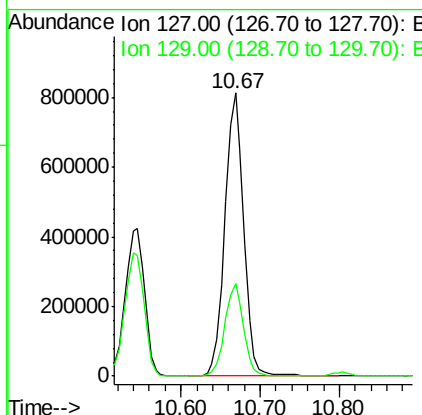
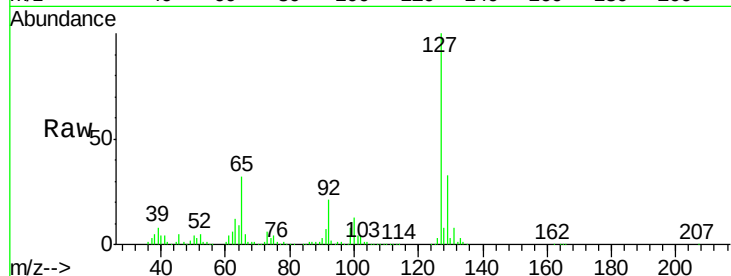




#30
4-Chloroaniline
Concen: 121.007 ng/ul
RT: 10.67 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

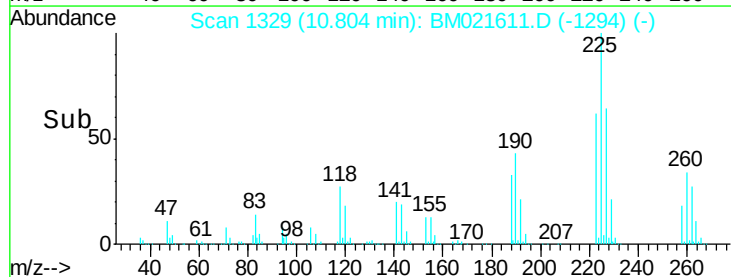
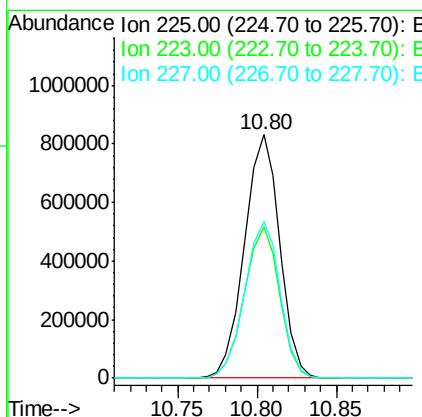
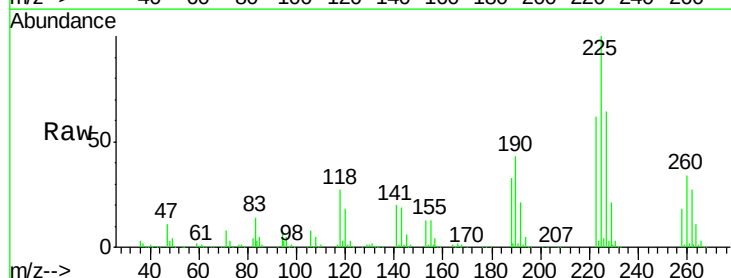
Instrument :
BNA_M
ClientSampleId :
SSTD16034

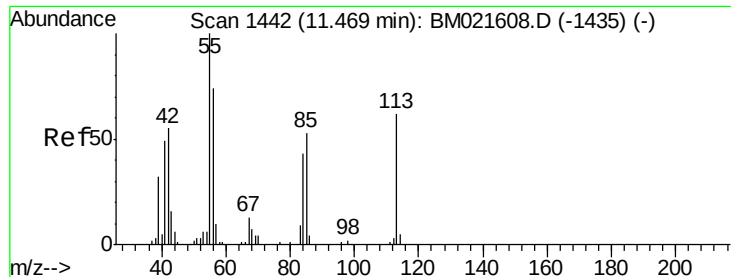
Tgt Ion:127 Resp: 1331191
Ion Ratio Lower Upper
127 100
129 32.8 26.6 39.8



#31
Hexachlorobutadiene
Concen: 149.199 ng/ul
RT: 10.80 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

Tgt Ion:225 Resp: 1283946
Ion Ratio Lower Upper
225 100
223 62.4 49.4 74.2
227 64.2 51.4 77.2

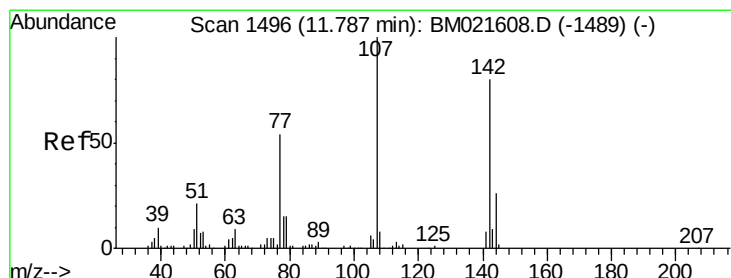
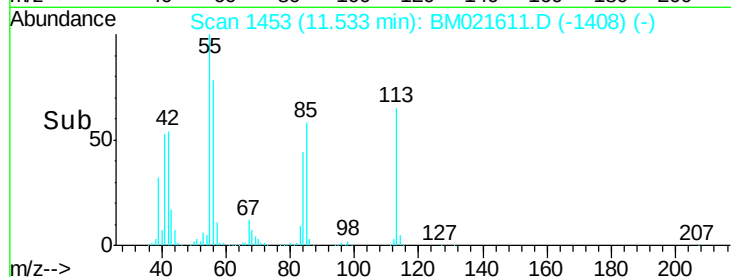
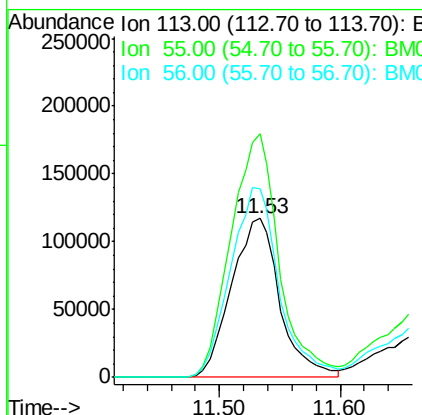
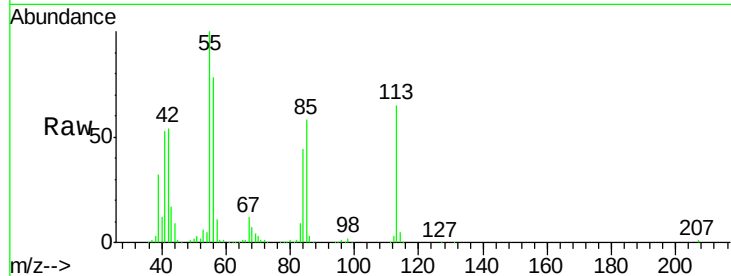




#32
 Caprolactam
 Concen: 107.695 ng/ul
 RT: 11.53 min Scan# 1453
 Delta R.T. 0.06 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

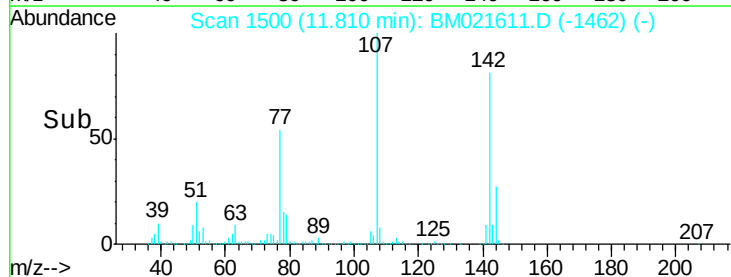
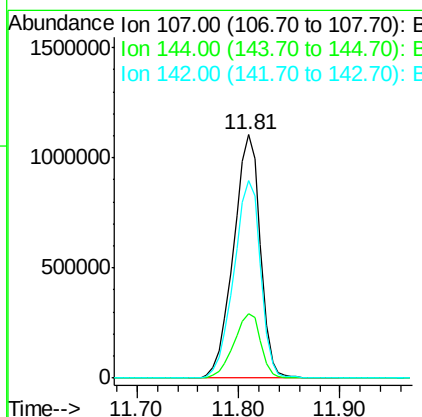
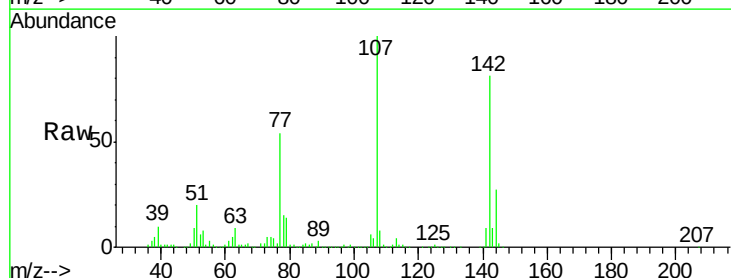
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16034

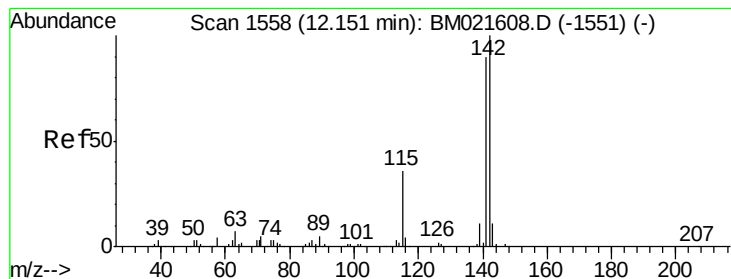
Tgt Ion:113 Resp: 327262
 Ion Ratio Lower Upper
 113 100
 55 153.2 129.6 194.4
 56 118.9 95.5 143.3



#33
 4-Chloro-3-methylphenol
 Concen: 186.900 ng/ul
 RT: 11.81 min Scan# 1500
 Delta R.T. 0.02 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

Tgt Ion:107 Resp: 2025750
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.0 31.4
 142 81.0 64.4 96.6





#34

2-Methylnaphthalene

Concen: 162.574 ng/ul

RT: 12.16 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

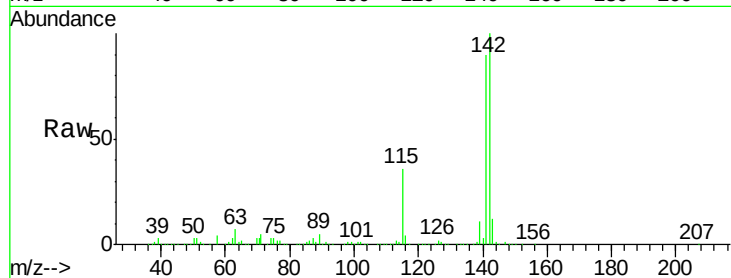
SSTD16034

Tgt Ion:142 Resp: 4273604

Ion Ratio Lower Upper

142 100

141 89.8 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.16

2500000

2000000

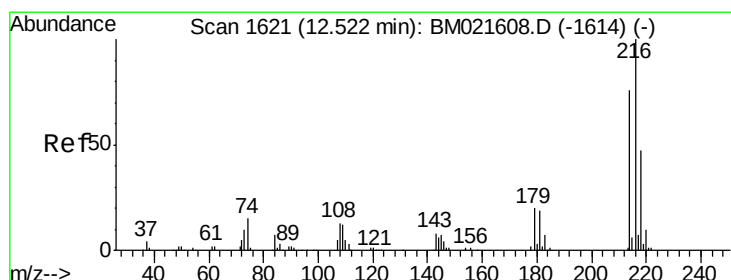
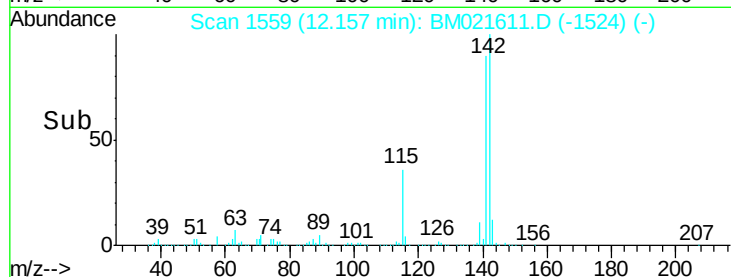
1500000

1000000

500000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 150.687 ng/ul

RT: 12.53 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Tgt Ion:216 Resp: 2700509

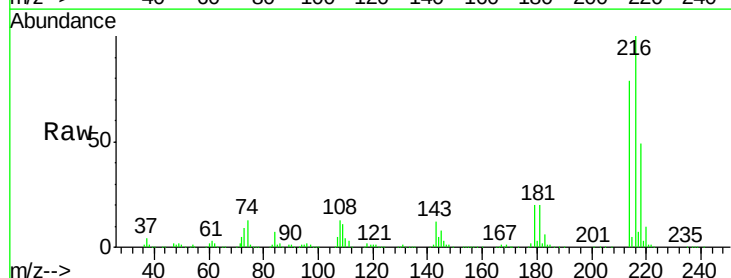
Ion Ratio Lower Upper

216 100

214 78.9 60.7 91.1

179 20.5 16.2 24.4

108 13.1 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

2500000

2000000

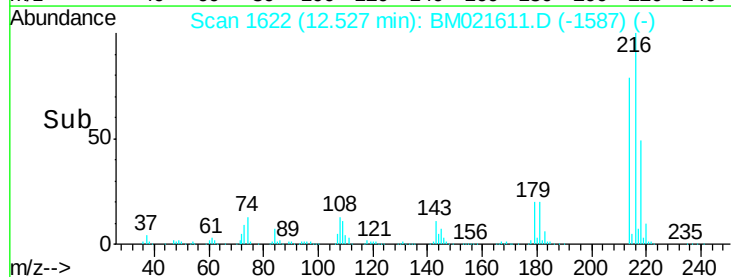
1500000

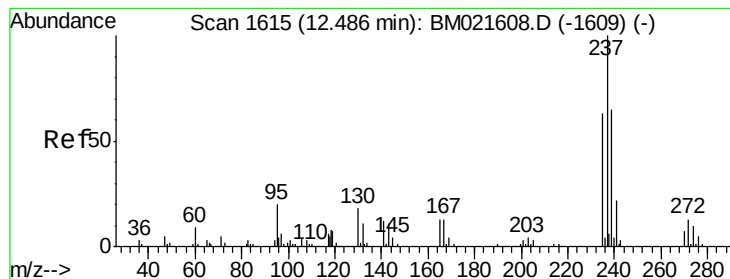
1000000

500000

0

Time-->





#37

Hexachlorocyclopentadiene

Concen: 176.037 ng/ul

RT: 12.49 min Scan# 1616

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

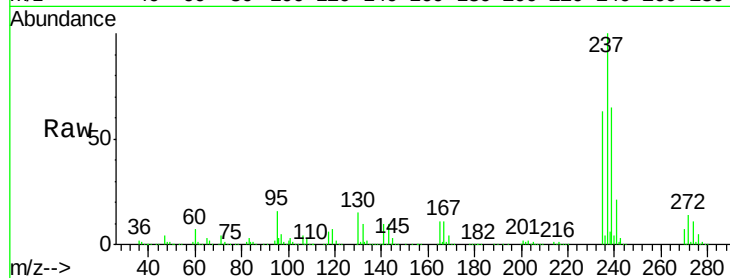
Tgt Ion:237 Resp: 1604918

Ion Ratio Lower Upper

237 100

235 62.6 50.0 75.0

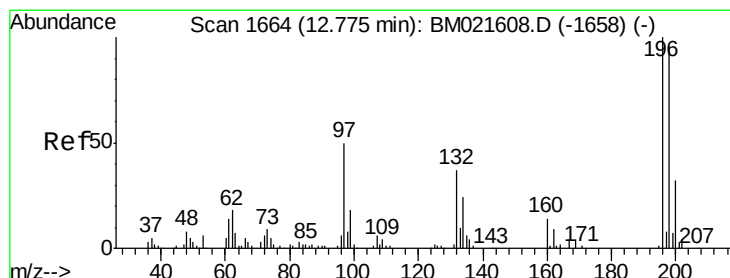
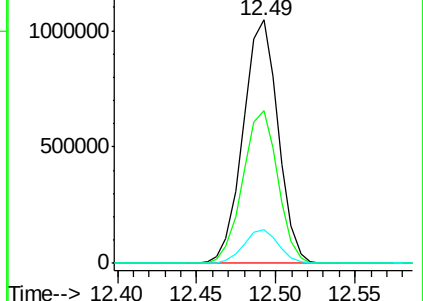
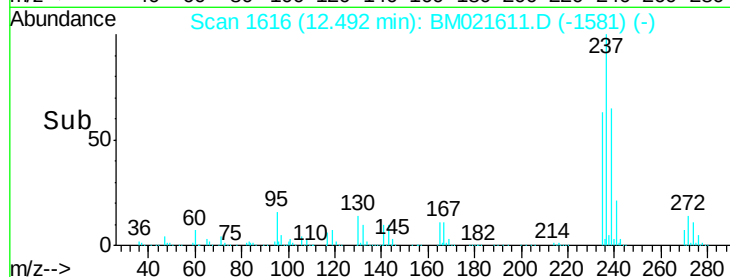
272 14.0 10.0 15.0



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: 170.214 ng/ul

RT: 12.78 min Scan# 1665

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

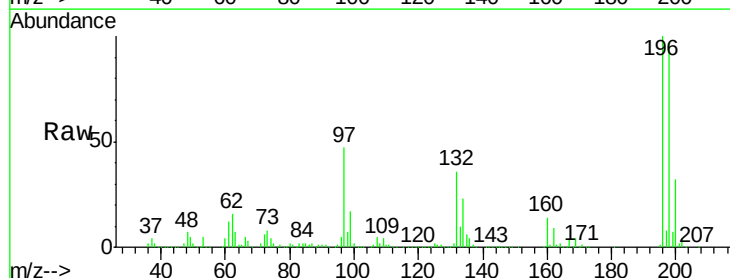
Tgt Ion:196 Resp: 1815396

Ion Ratio Lower Upper

196 100

198 97.2 76.7 115.1

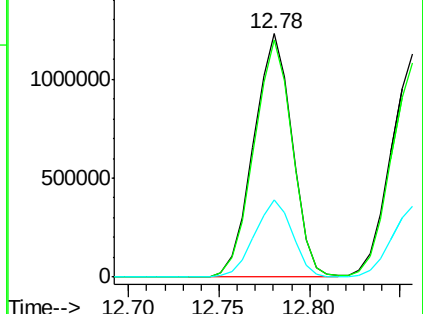
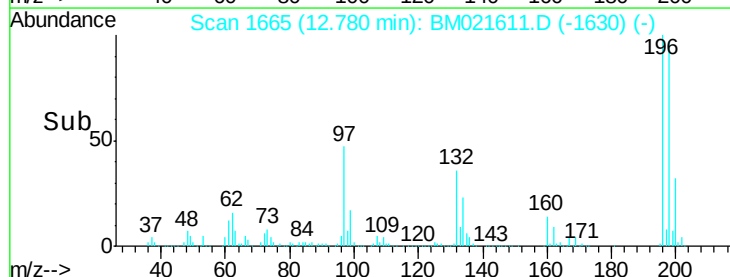
200 31.7 25.4 38.0

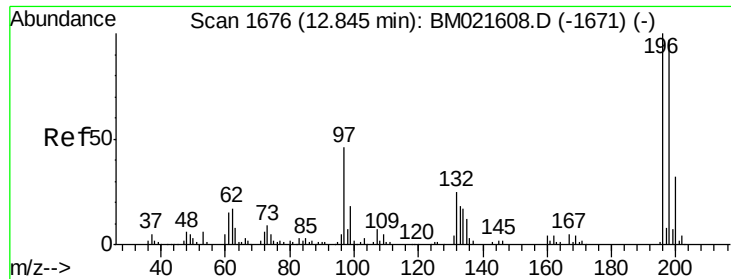


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

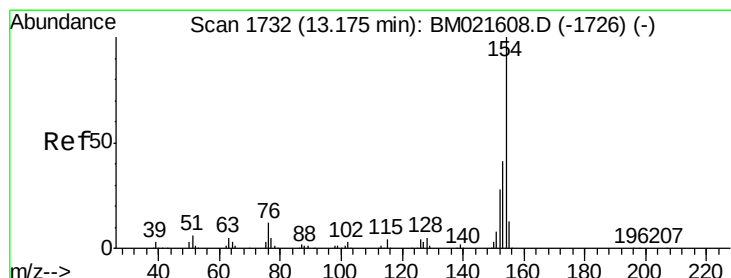
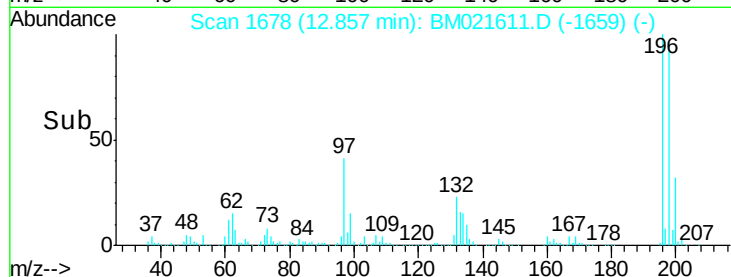
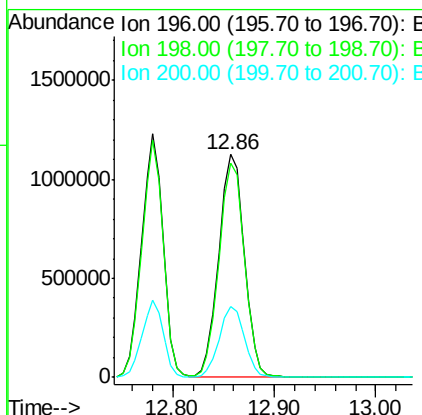
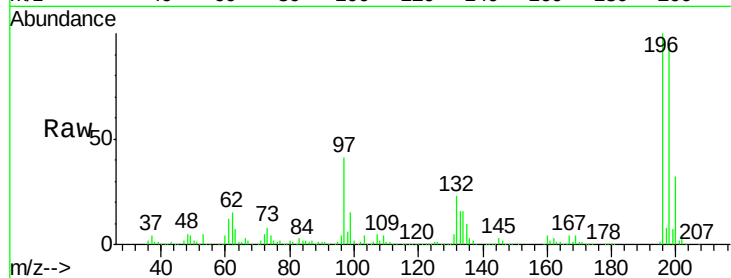




#39
 2,4,5-Trichlorophenol
 Concen: 174.160 ng/ul
 RT: 12.86 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

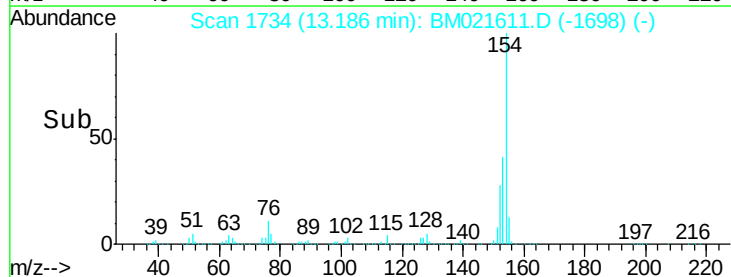
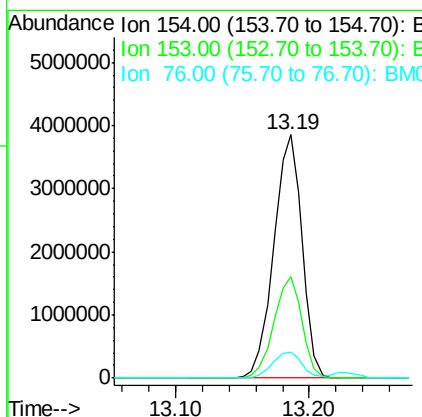
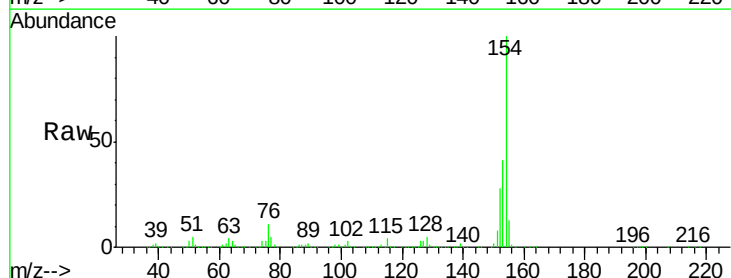
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16034

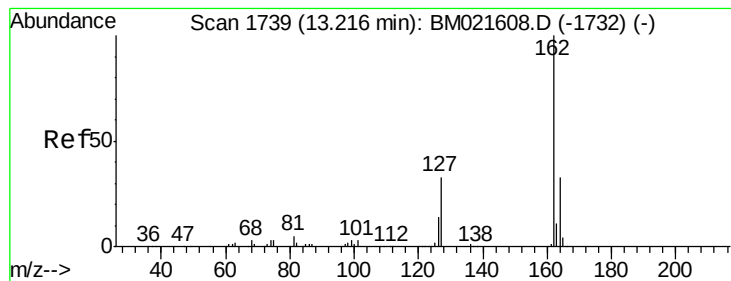
Tgt Ion:196 Resp: 1968768
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.7 116.5
 200 31.8 25.4 38.2



#40
 1,1'-Biphenyl
 Concen: 147.933 ng/ul
 RT: 13.19 min Scan# 1734
 Delta R.T. 0.01 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

Tgt Ion:154 Resp: 5705476
 Ion Ratio Lower Upper
 154 100
 153 41.5 33.1 49.7
 76 10.9 9.4 14.0

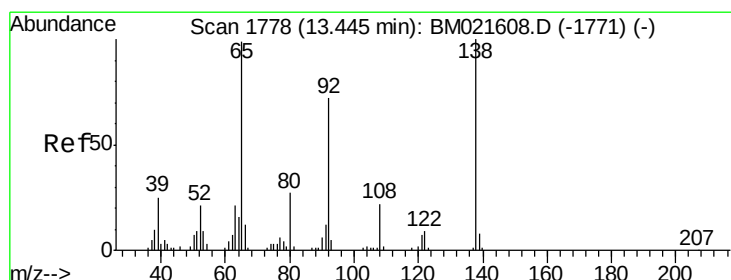
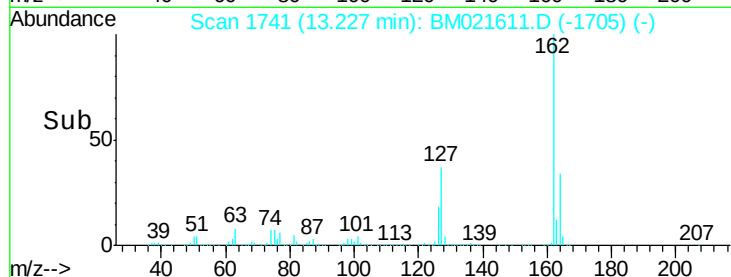
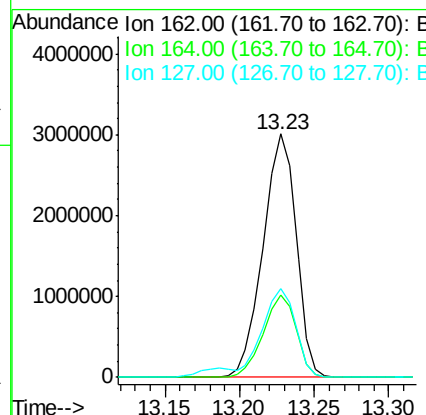
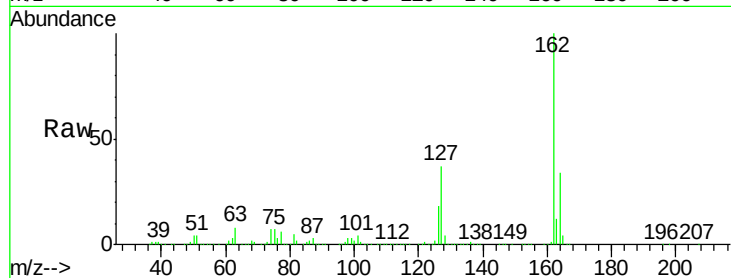




#41
 2-Chloronaphthalene
 Concen: 149.918 ng/ul
 RT: 13.23 min Scan# 1741
 Delta R.T. 0.01 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

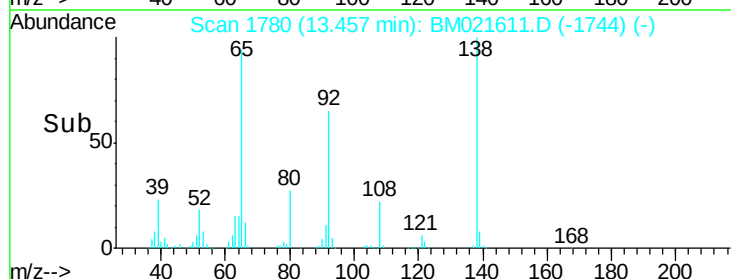
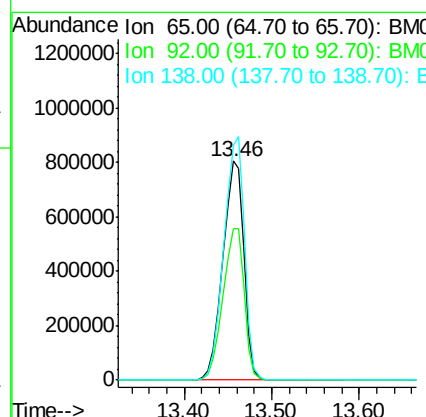
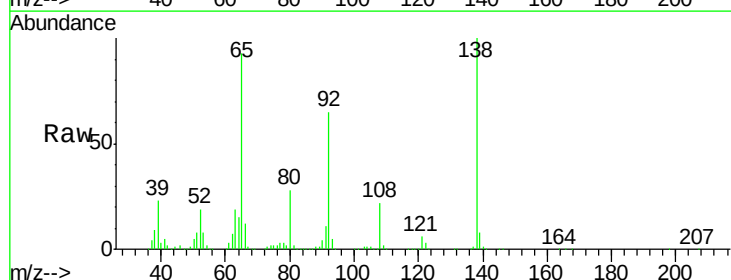
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16034

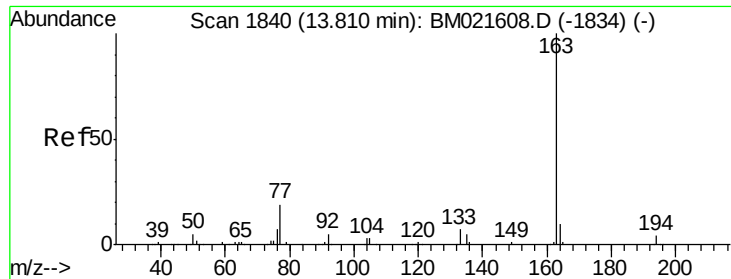
Tgt Ion: 162 Resp: 4633776
 Ion Ratio Lower Upper
 162 100
 164 33.6 26.2 39.2
 127 36.6 30.0 45.0



#42
 2-Nitroaniline
 Concen: 199.512 ng/ul
 RT: 13.46 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

Tgt Ion: 65 Resp: 1347469
 Ion Ratio Lower Upper
 65 100
 92 69.2 58.2 87.4
 138 107.0 81.0 121.6





#44

Dimethylphthalate

Concen: 160.153 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. 0.02 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

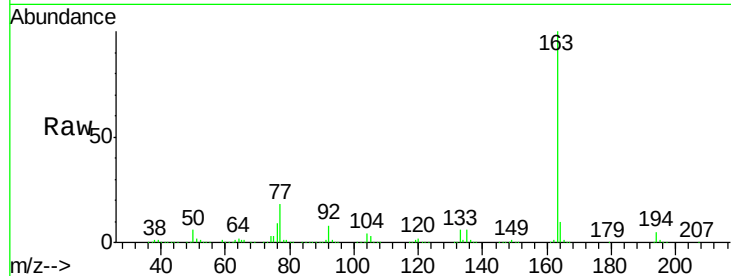
Tgt Ion:163 Resp: 6018682

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

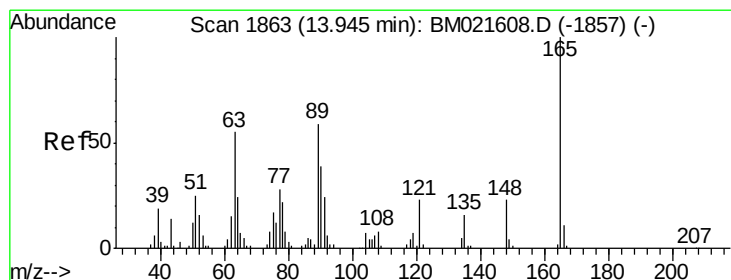
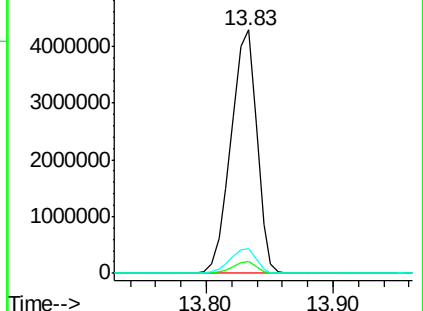
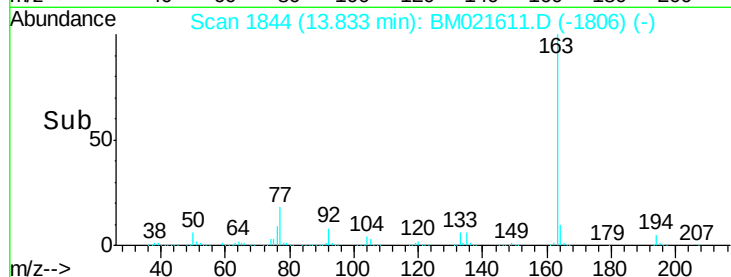
164 10.1 8.2 12.4



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: 200.407 ng/ul

RT: 13.96 min Scan# 1866

Delta R.T. 0.02 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

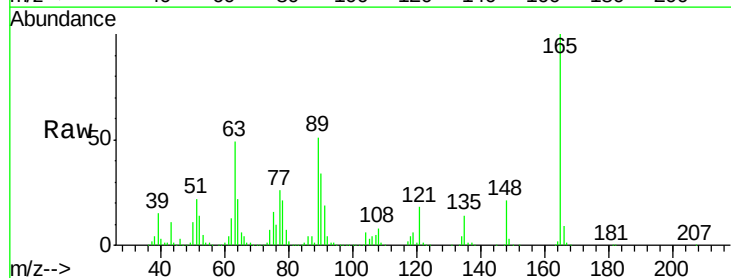
Tgt Ion:165 Resp: 1371462

Ion Ratio Lower Upper

165 100

89 51.0 47.4 71.0

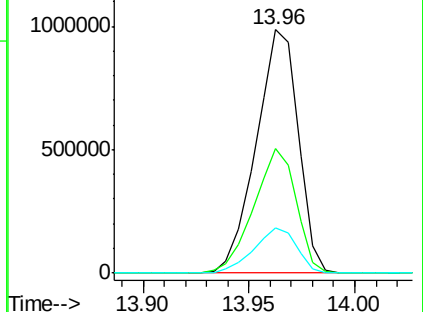
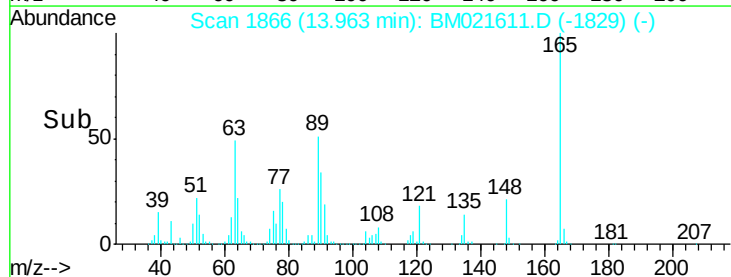
121 18.5 18.5 27.7#

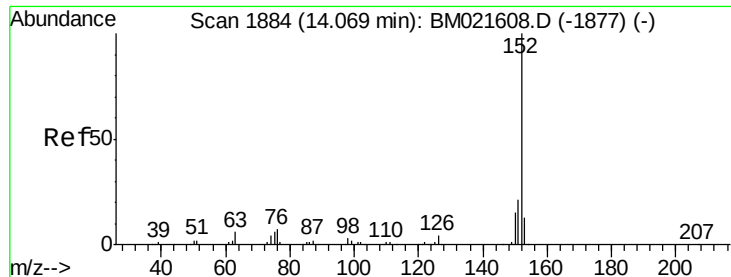


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 155.901 ng/ul

RT: 14.08 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

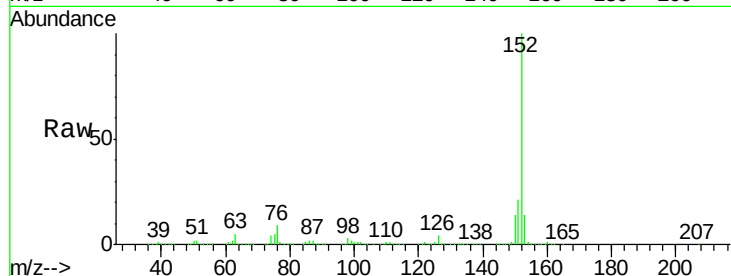
Tgt Ion:152 Resp: 6873012

Ion Ratio Lower Upper

152 100

151 20.6 16.5 24.7

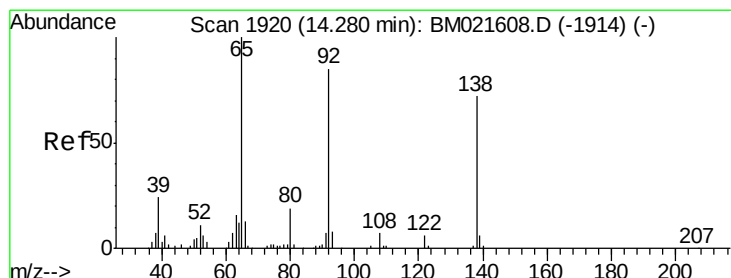
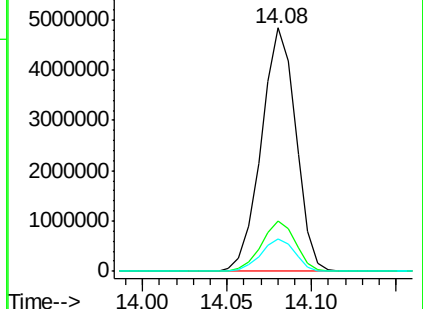
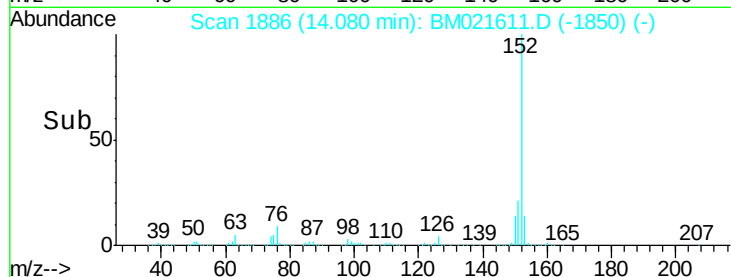
153 13.5 10.3 15.5



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: 190.241 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. 0.02 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

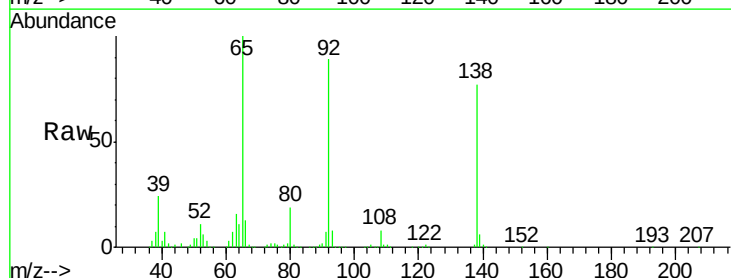
Tgt Ion:138 Resp: 1171130

Ion Ratio Lower Upper

138 100

108 10.7 8.3 12.5

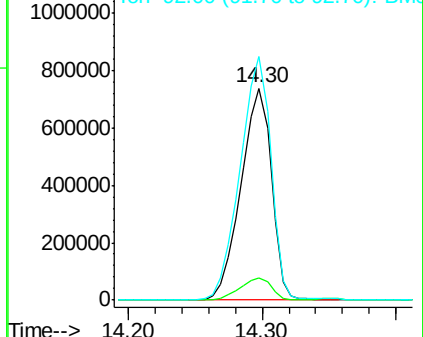
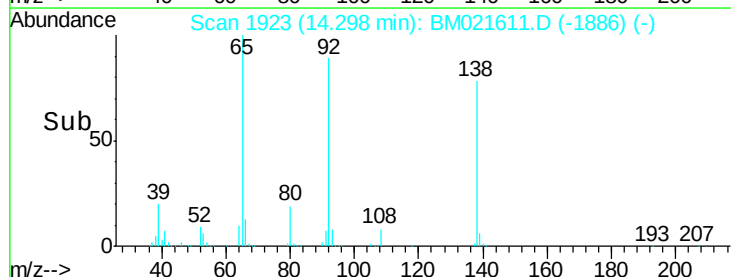
92 114.7 95.5 143.3

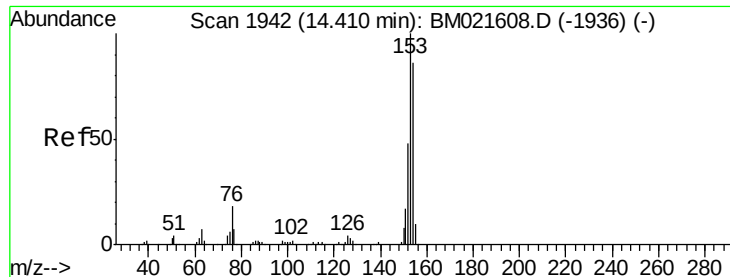


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 154.047 ng/ul

RT: 14.42 min Scan# 1944

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

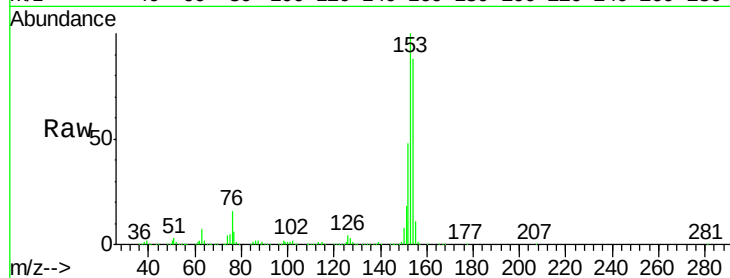
Tgt Ion:153 Resp: 4934780

Ion Ratio Lower Upper

153 100

152 48.3 38.6 57.8

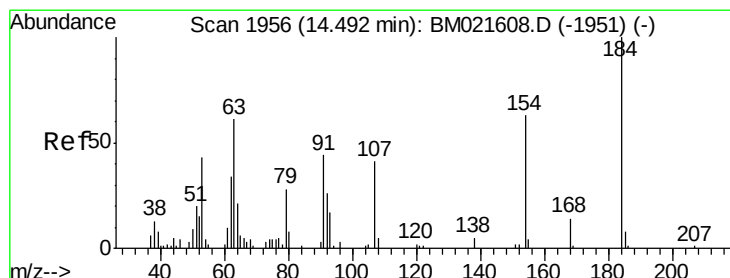
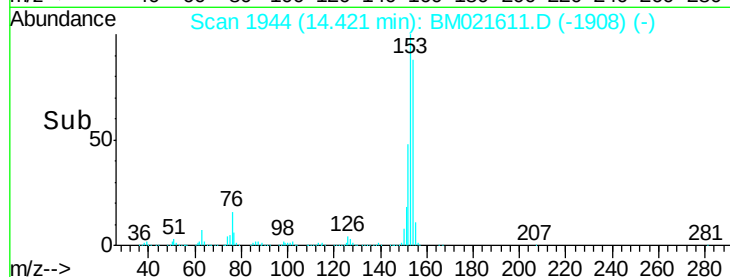
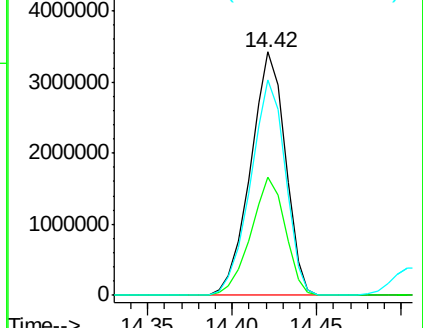
154 88.4 69.0 103.4



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: 231.188 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

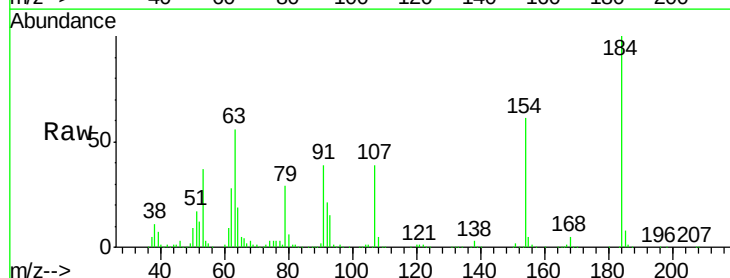
Tgt Ion:184 Resp: 951476

Ion Ratio Lower Upper

184 100

63 55.6 49.4 74.0

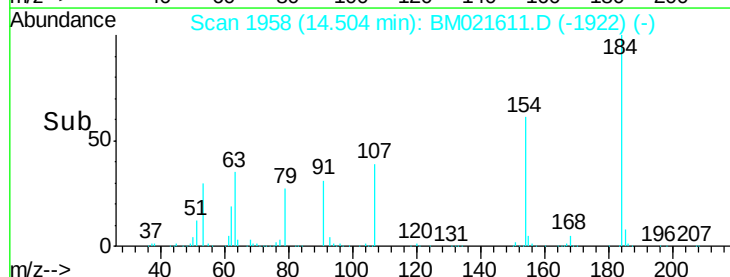
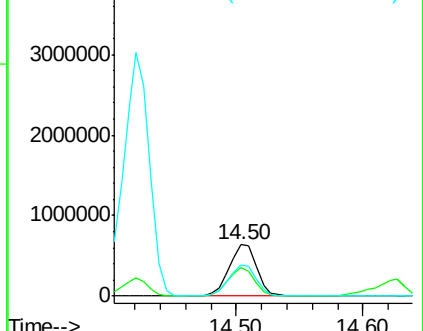
154 61.0 50.6 75.8

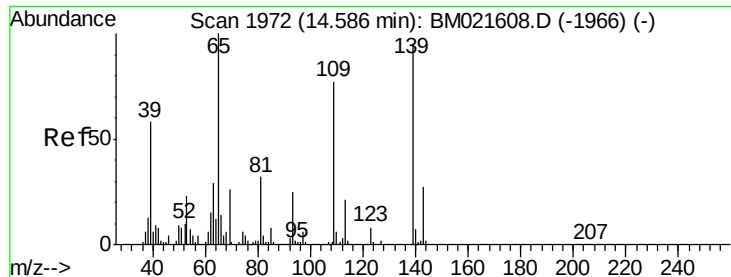


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 196.916 ng/ul

RT: 14.63 min Scan# 1979

Delta R.T. 0.04 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

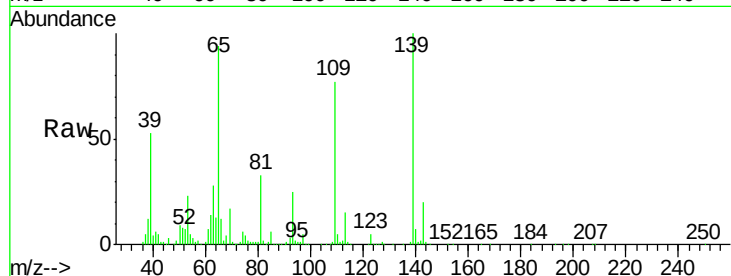
Tgt Ion:109 Resp: 938083

Ion Ratio Lower Upper

109 100

139 130.2 98.8 148.2

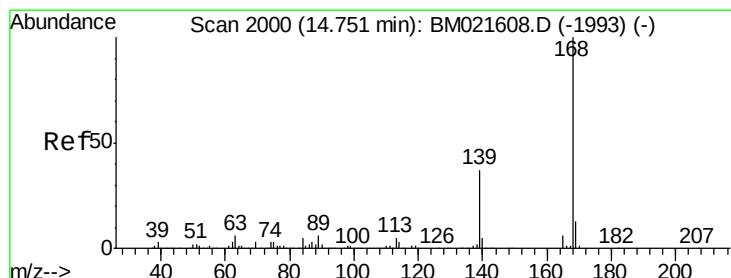
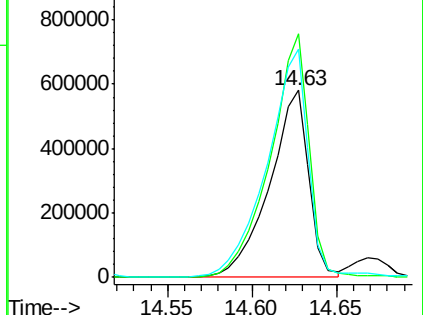
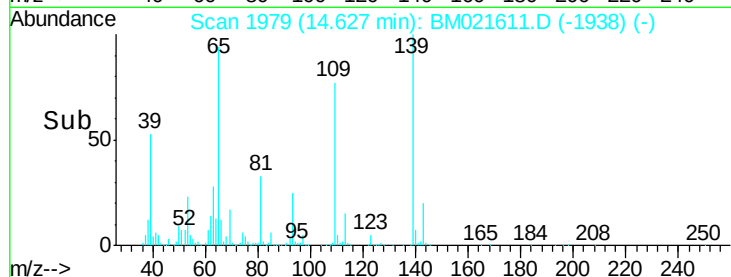
65 122.3 105.1 157.7



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: 156.049 ng/ul

RT: 14.76 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BM021611.D

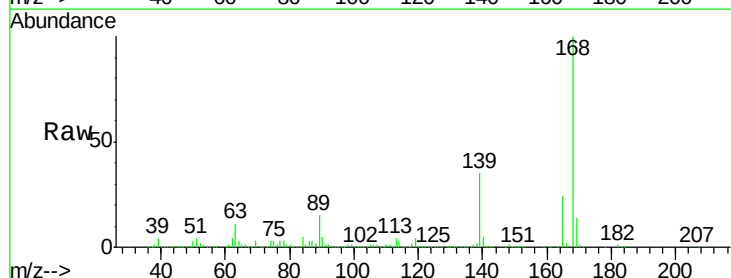
Acq: 23 Jul 2019 12:26

Tgt Ion:168 Resp: 7241490

Ion Ratio Lower Upper

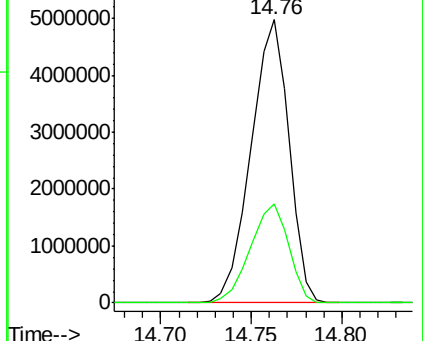
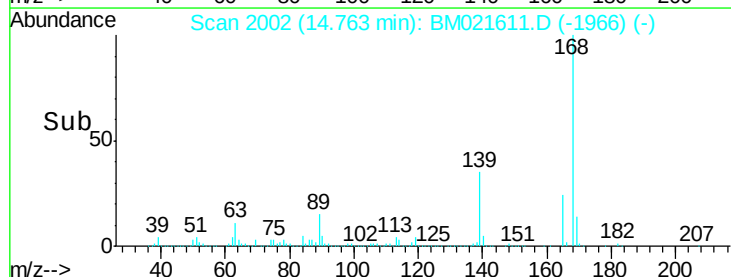
168 100

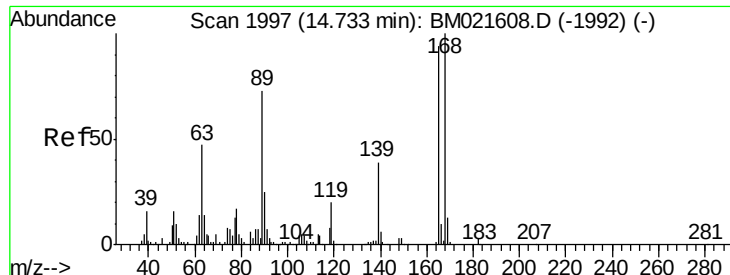
139 34.9 29.5 44.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

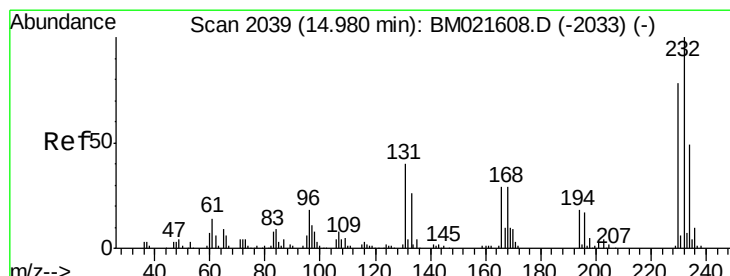
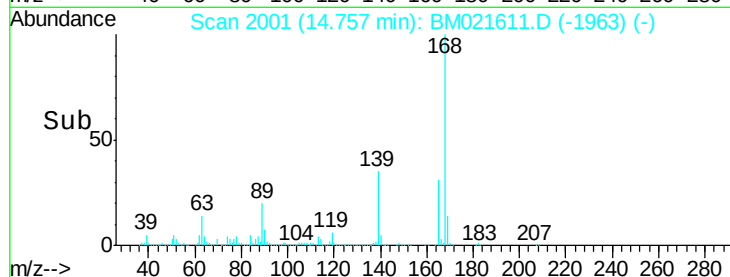
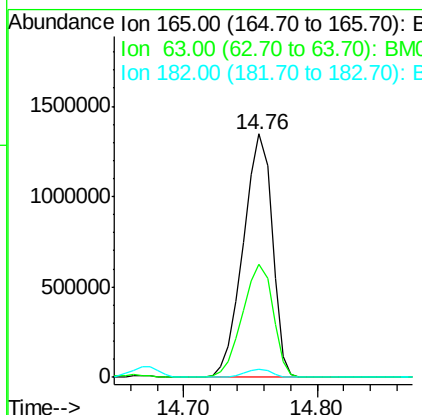
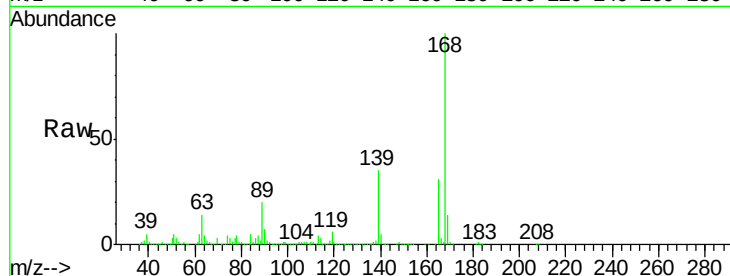




#54
 2,4-Dinitrotoluene
 Concen: 193.179 ng/ul
 RT: 14.76 min Scan# 2001
 Delta R.T. 0.02 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

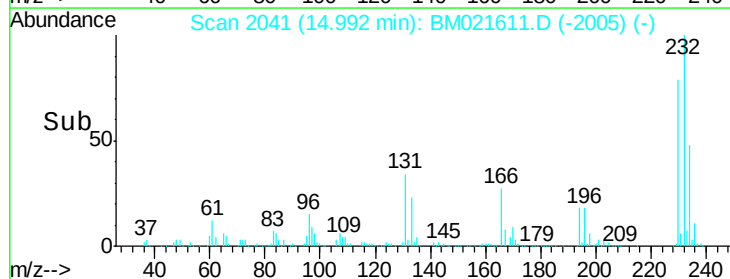
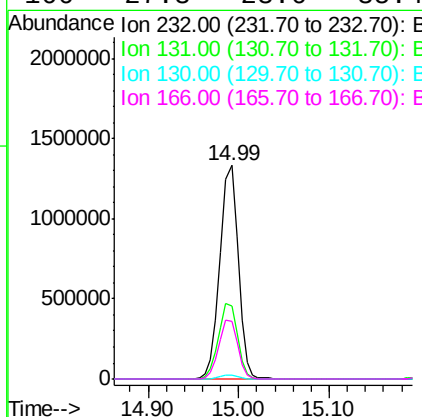
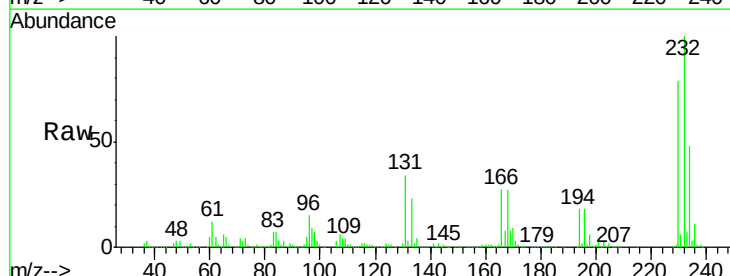
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16034

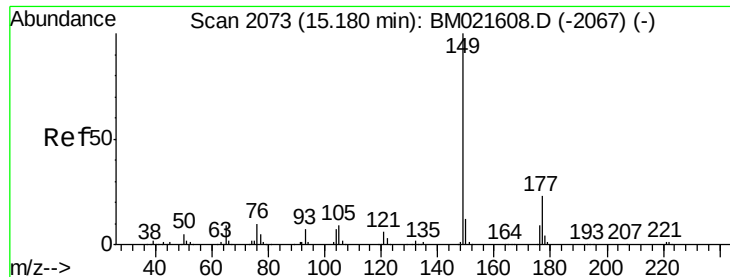
Tgt Ion:165 Resp: 2027608
 Ion Ratio Lower Upper
 165 100
 63 46.7 40.4 60.6
 182 3.2 2.2 3.2



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 186.864 ng/ul
 RT: 14.99 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

Tgt Ion:232 Resp: 1882619
 Ion Ratio Lower Upper
 232 100
 131 34.4 31.9 47.9
 130 1.8 1.8 2.6
 166 27.3 23.6 35.4

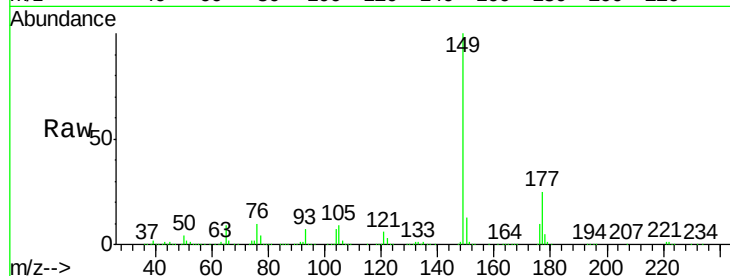




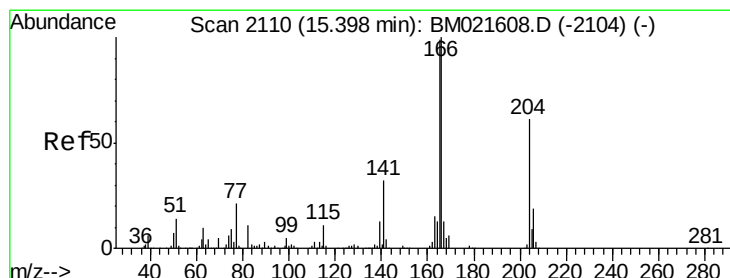
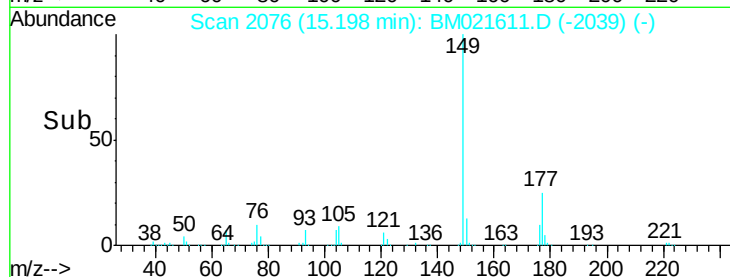
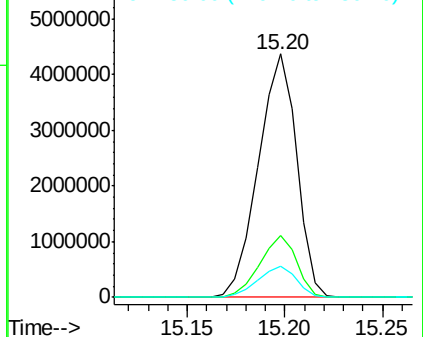
#56
Diethylphthalate
Concen: 164.809 ng/ul
RT: 15.20 min Scan# 2076
Delta R.T. 0.02 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

Instrument :
BNA_M
ClientSampleId :
SSTD16034

Tgt Ion:149 Resp: 5946444
Ion Ratio Lower Upper
149 100
177 25.2 18.2 27.2
150 12.8 9.8 14.6

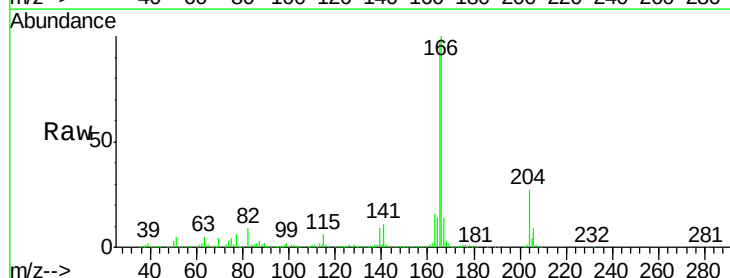


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

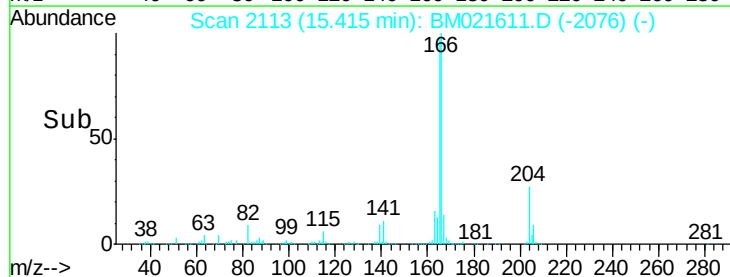
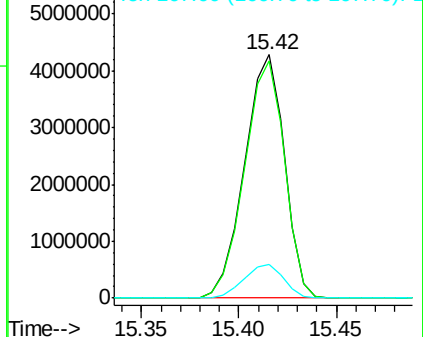


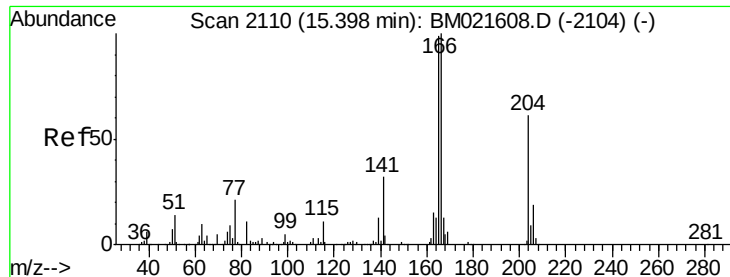
#58
Fluorene
Concen: 160.929 ng/ul
RT: 15.42 min Scan# 2113
Delta R.T. 0.02 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

Tgt Ion:166 Resp: 6041784
Ion Ratio Lower Upper
166 100
165 97.5 79.4 119.2
167 13.7 10.7 16.1



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

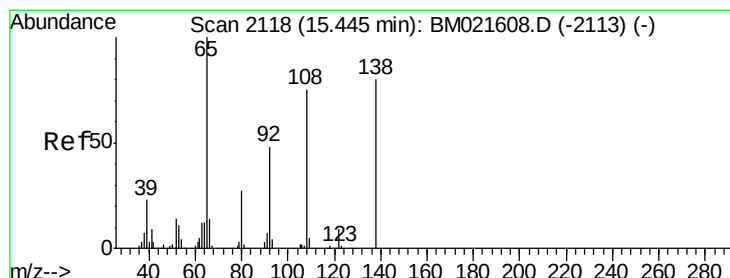
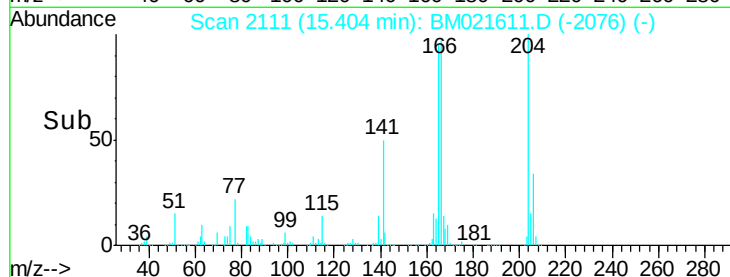
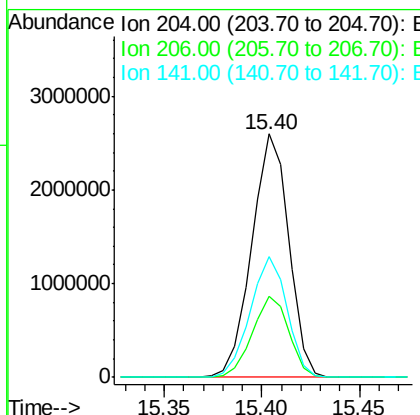
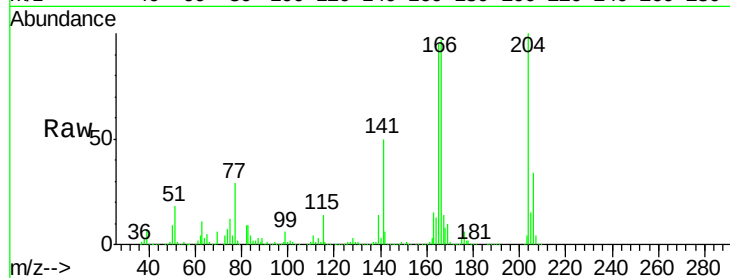




#59
4-Chlorophenyl-phenylether
Concen: 162.407 ng/ul
RT: 15.40 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

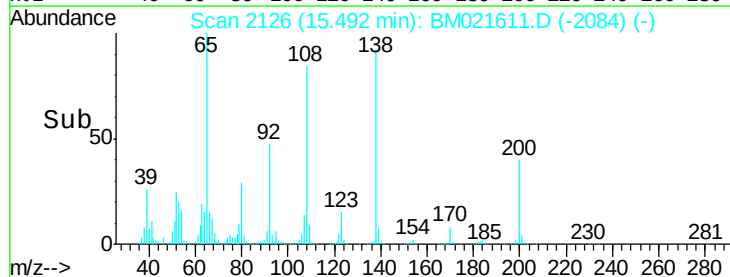
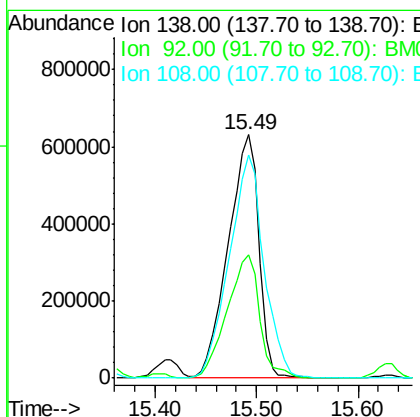
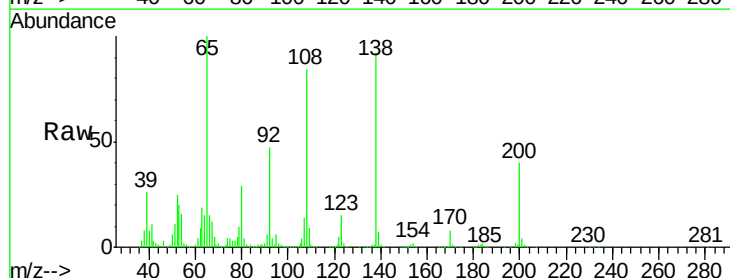
Instrument :
BNA_M
ClientSampleId :
SSTD16034

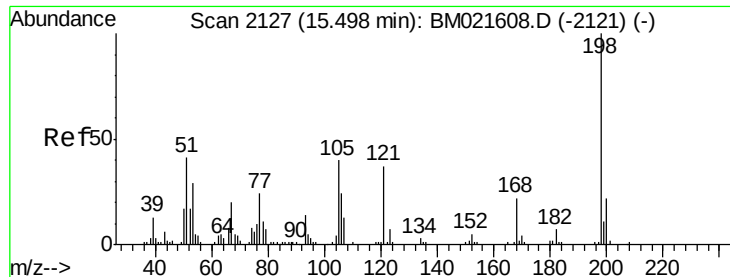
Tgt Ion:204 Resp: 3407558
Ion Ratio Lower Upper
204 100
206 33.5 25.6 38.4
141 49.8 42.4 63.6



#60
4-Nitroaniline
Concen: 208.456 ng/ul
RT: 15.49 min Scan# 2126
Delta R.T. 0.05 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

Tgt Ion:138 Resp: 1317628
Ion Ratio Lower Upper
138 100
92 50.9 47.5 71.3
108 91.8 74.0 111.0

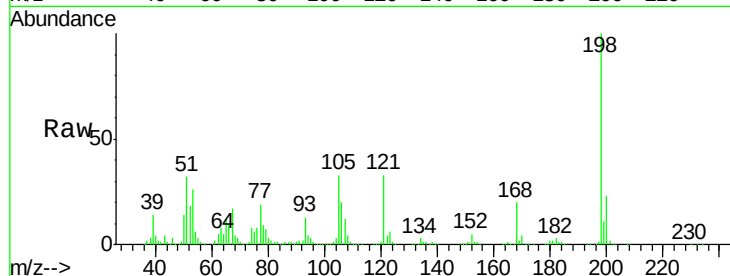




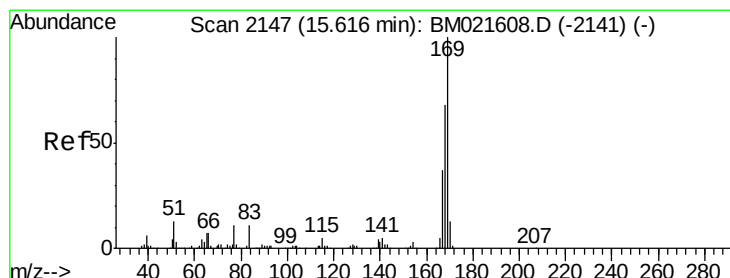
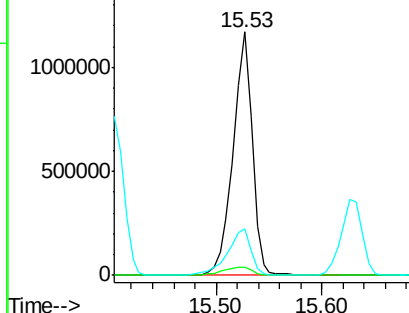
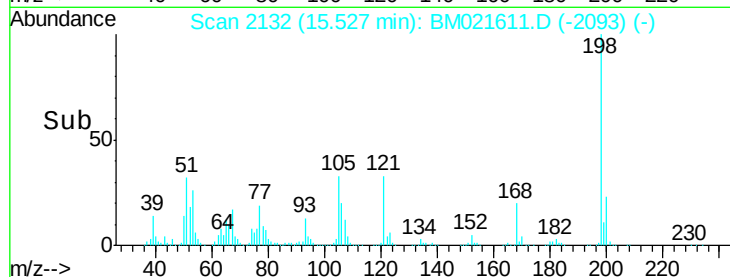
#63
 4,6-Dinitro-2-methylphenol
 Concen: 189.643 ng/ul
 RT: 15.53 min Scan# 2132
 Delta R.T. 0.03 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16034

Tgt Ion:198 Resp: 1465915
 Ion Ratio Lower Upper
 198 100
 182 3.5 5.8 8.6#
 77 19.1 20.0 30.0#

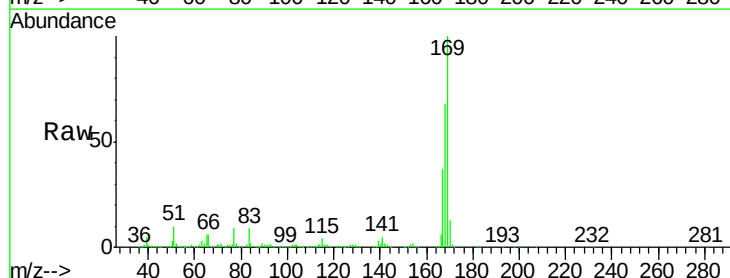


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

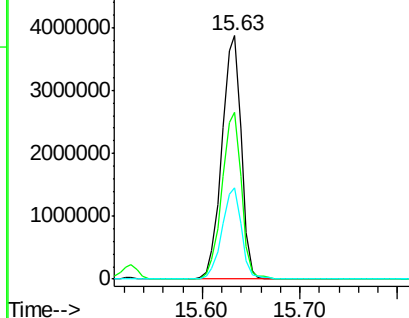
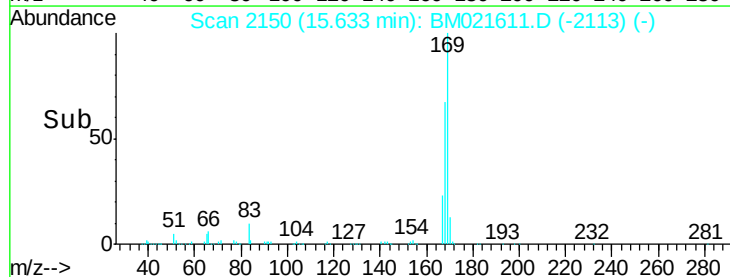


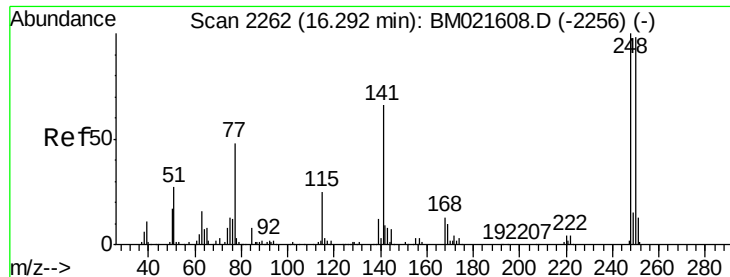
#64
 N-Nitrosodiphenylamine
 Concen: 153.733 ng/ul
 RT: 15.63 min Scan# 2150
 Delta R.T. 0.02 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

Tgt Ion:169 Resp: 5285992
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.5 81.7
 167 37.4 29.8 44.8



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

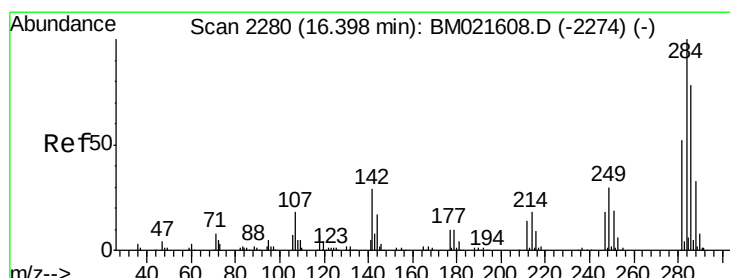
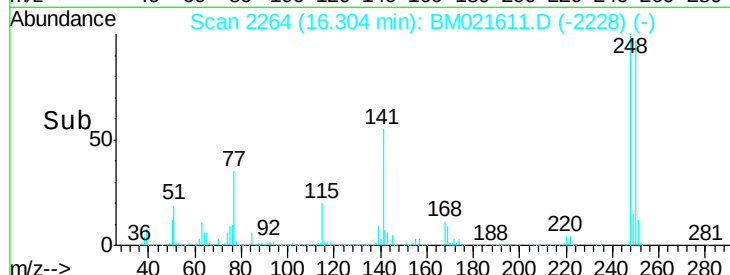
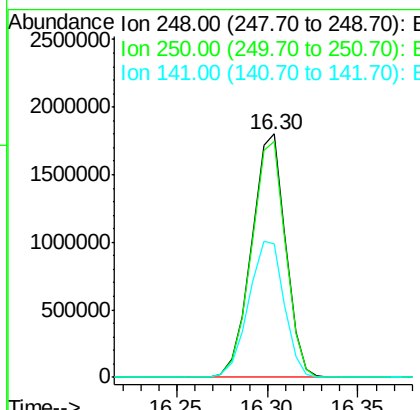
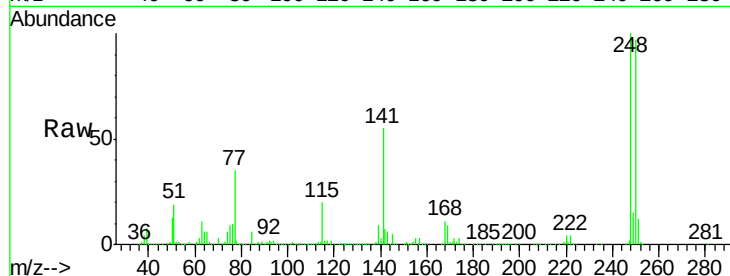




#65
4-Bromophenyl-phenylether
Concen: 163.701 ng/ul
RT: 16.30 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

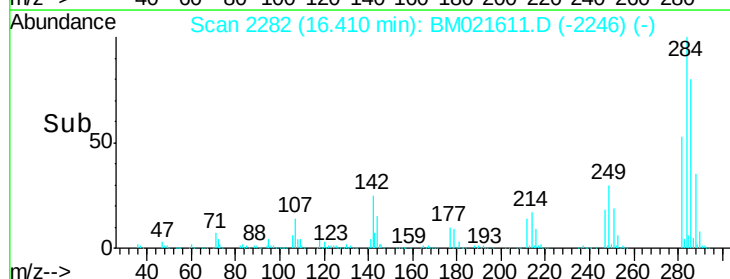
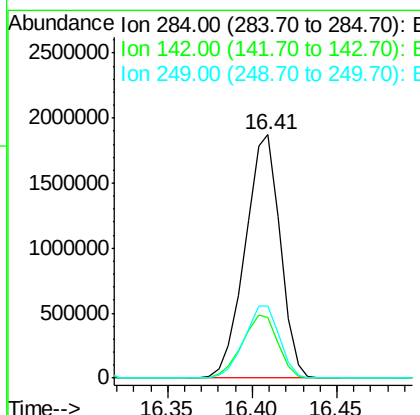
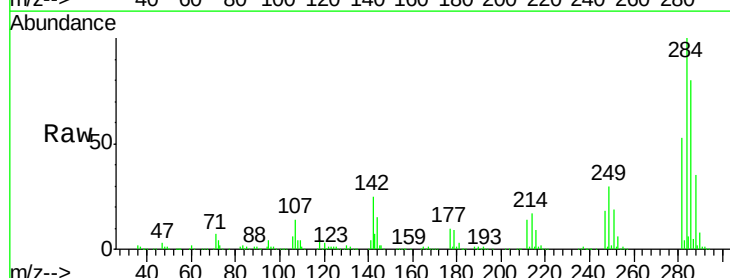
Instrument :
BNA_M
ClientSampleId :
SSTD16034

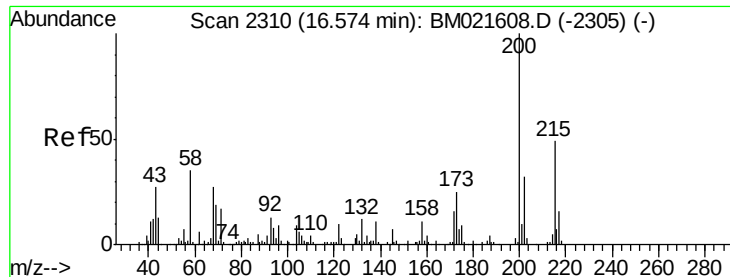
Tgt Ion:248 Resp: 2341067
Ion Ratio Lower Upper
248 100
250 97.1 78.2 117.2
141 54.6 52.9 79.3



#66
Hexachlorobenzene
Concen: 158.646 ng/ul
RT: 16.41 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

Tgt Ion:284 Resp: 2697309
Ion Ratio Lower Upper
284 100
142 24.7 23.3 34.9
249 29.6 23.8 35.8

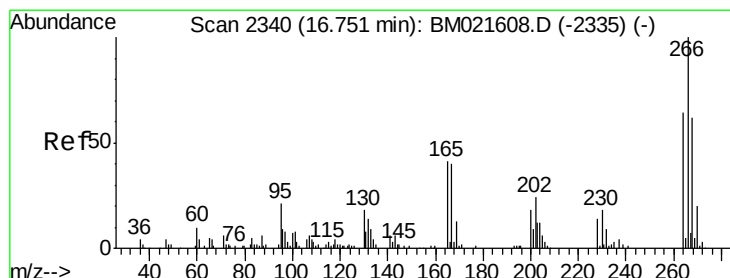
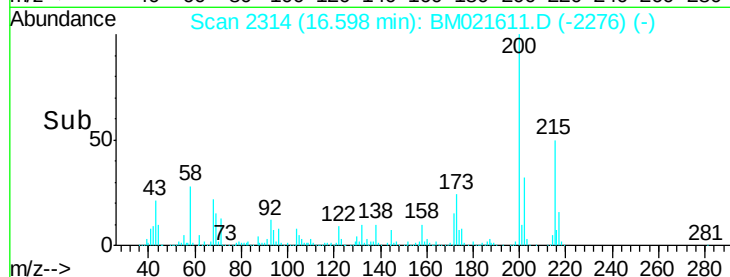
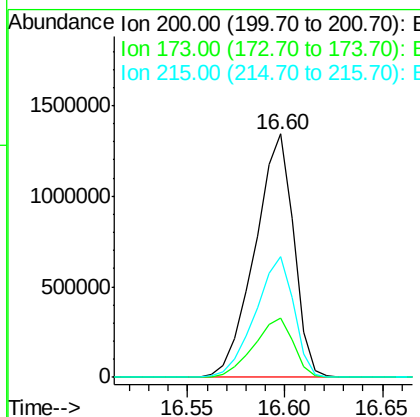
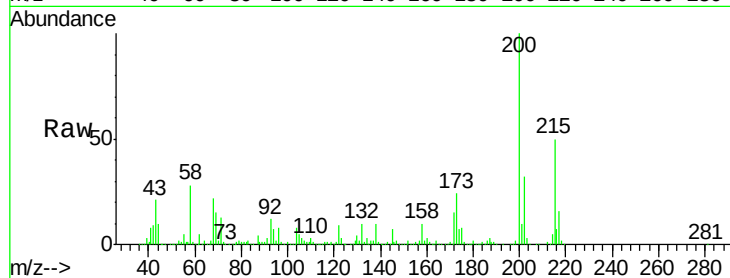




#67
 Atrazine
 Concen: 145.681 ng/ul
 RT: 16.60 min Scan# 2314
 Delta R.T. 0.02 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

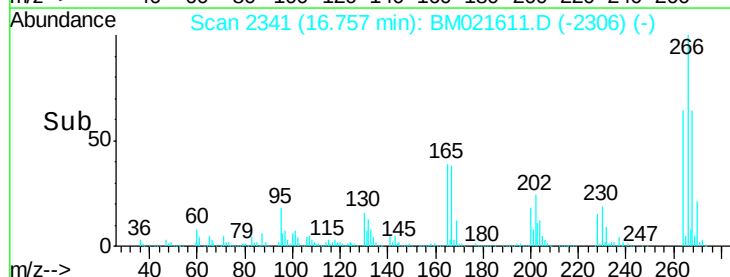
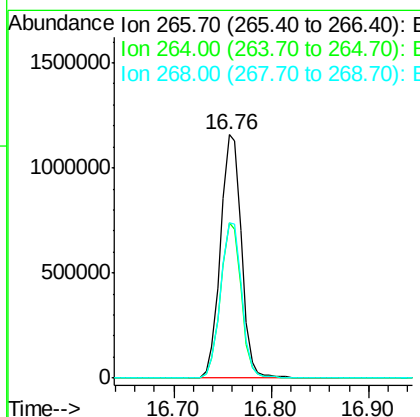
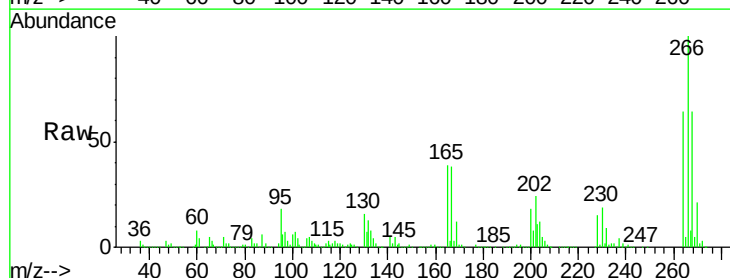
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16034

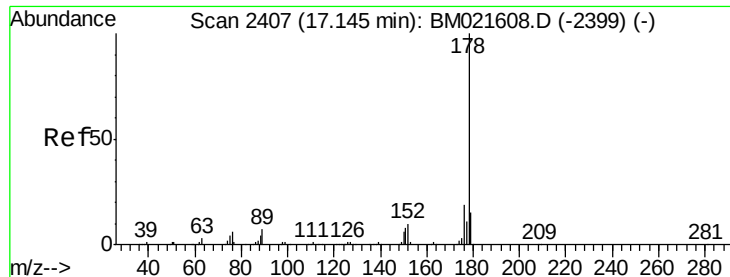
Tgt Ion:200 Resp: 1850574
 Ion Ratio Lower Upper
 200 100
 173 24.2 19.8 29.8
 215 49.5 38.8 58.2



#68
 Pentachlorophenol
 Concen: 193.005 ng/ul
 RT: 16.76 min Scan# 2341
 Delta R.T. 0.01 min
 Lab File: BM021611.D
 Acq: 23 Jul 2019 12:26

Tgt Ion:266 Resp: 1729780
 Ion Ratio Lower Upper
 266 100
 264 63.6 50.9 76.3
 268 64.0 49.7 74.5





#69

Phenanthrene

Concen: 152.107 ng/ul

RT: 17.16 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

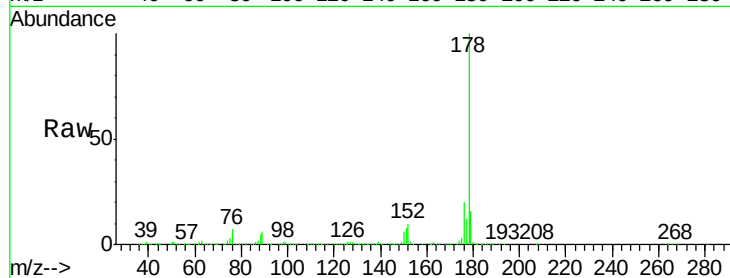
Tgt Ion:178 Resp: 9913354

Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.2

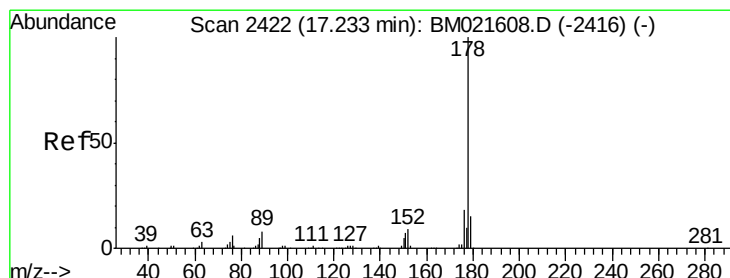
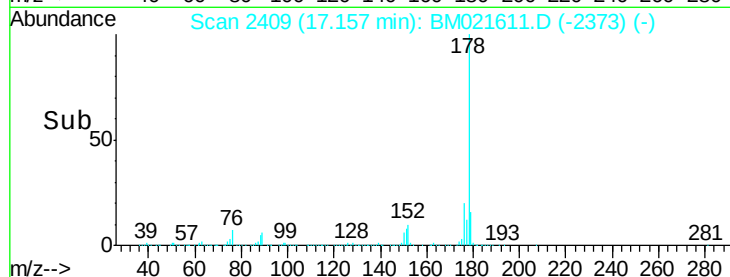
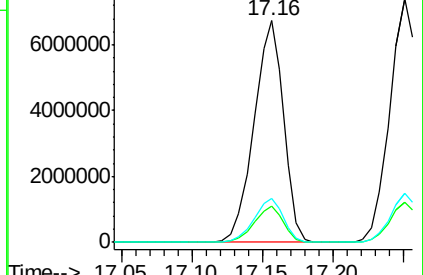
176 20.0 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 152.270 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. 0.02 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

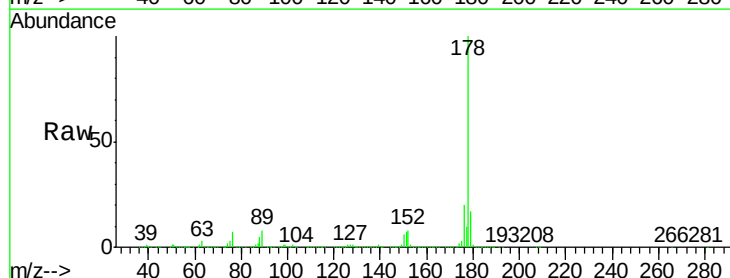
Tgt Ion:178 Resp:10100631

Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

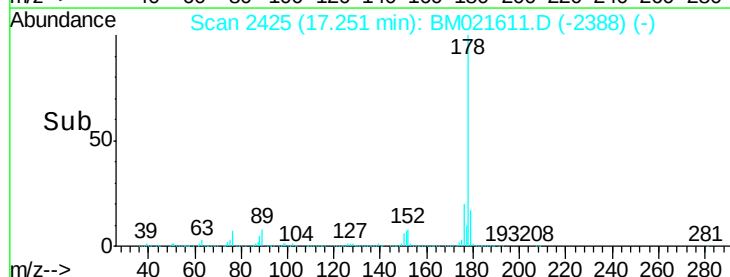
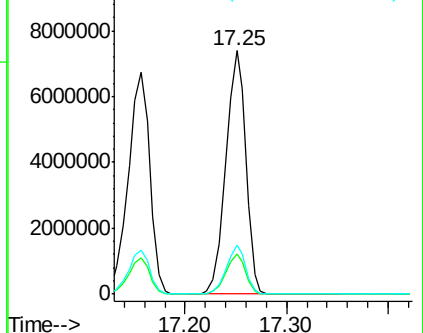
176 19.9 14.6 21.8

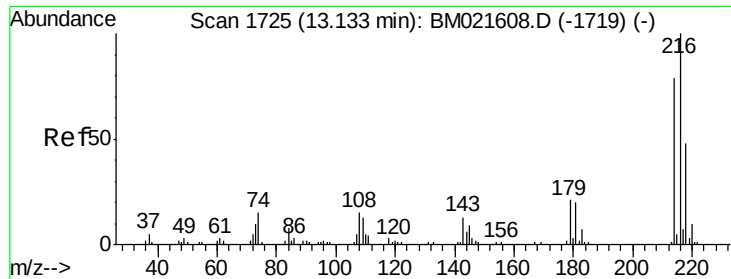


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 143.759 ng/uL

RT: 13.15 min Scan# 1727

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

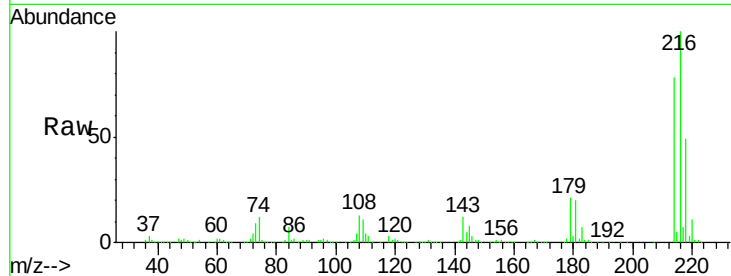
Tgt Ion:216 Resp: 2723879

Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.0

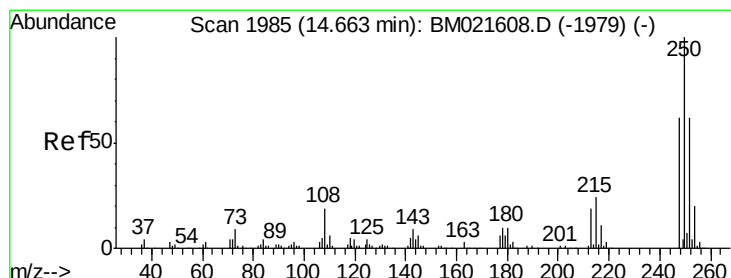
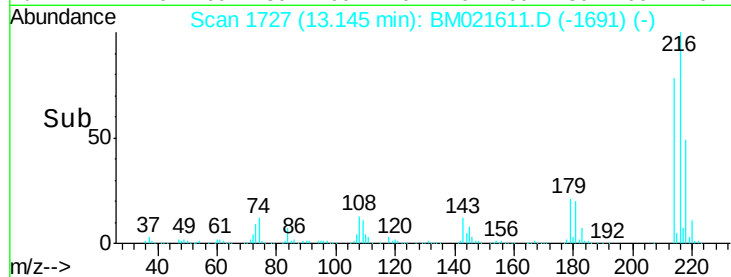
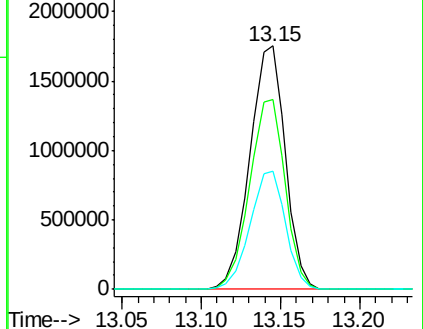
218 48.6 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 148.051 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

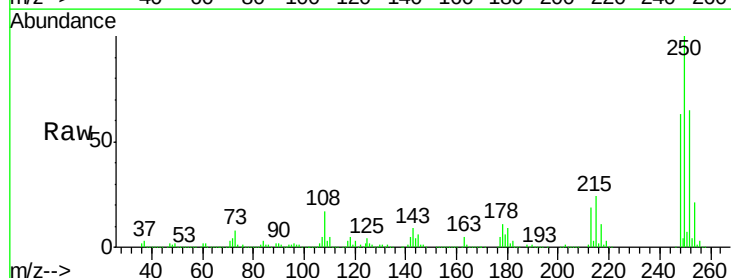
Tgt Ion:250 Resp: 2889773

Ion Ratio Lower Upper

250 100

248 62.9 49.4 74.2

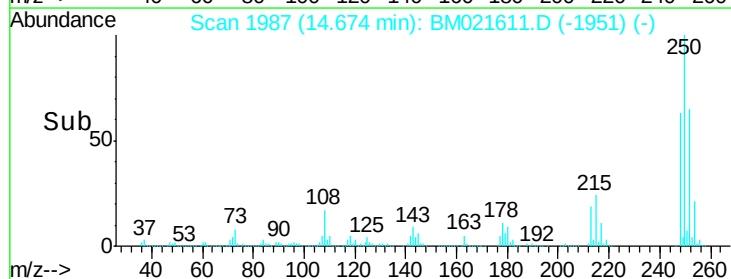
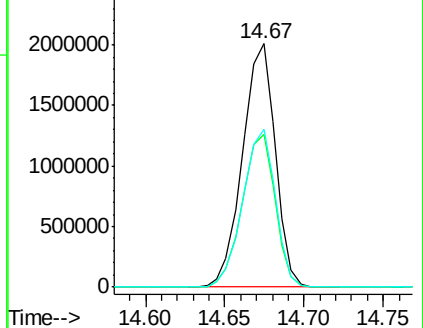
252 64.8 49.6 74.4

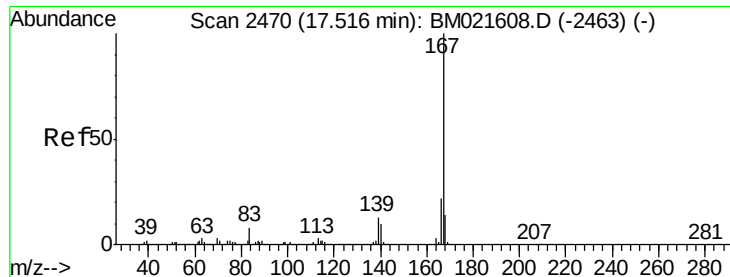


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 163.452 ng/ul

RT: 17.53 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

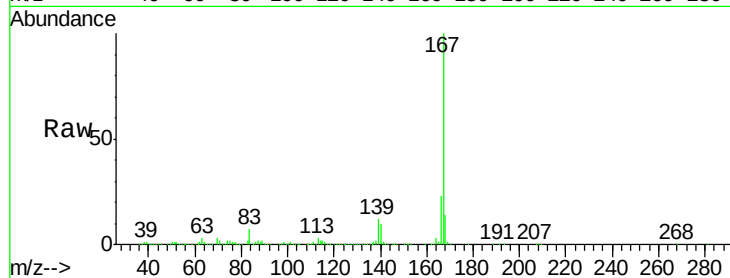
Tgt Ion:167 Resp: 8999382

Ion Ratio Lower Upper

167 100

166 22.7 17.8 26.6

139 12.5 10.2 15.2

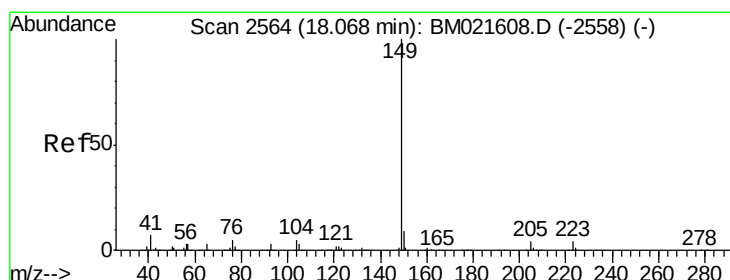
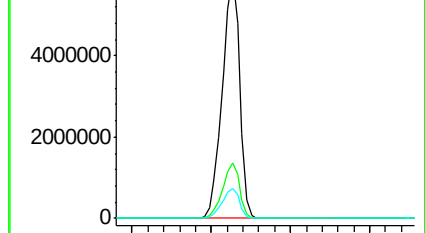
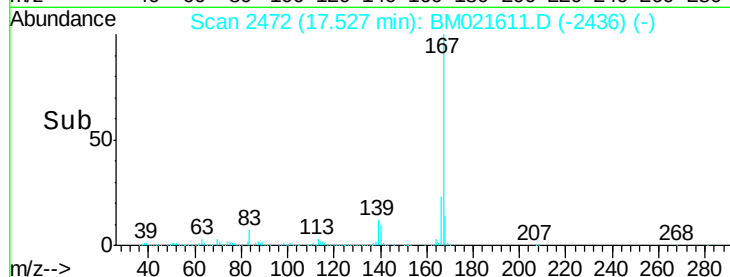


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#75

Di-n-butylphthalate

Concen: 159.205 ng/ul

RT: 18.07 min Scan# 2565

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

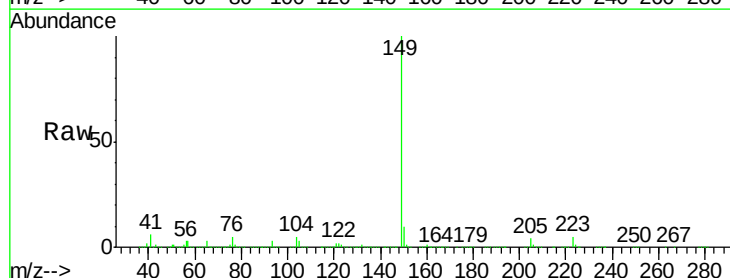
Tgt Ion:149 Resp:10042350

Ion Ratio Lower Upper

149 100

150 9.9 7.3 10.9

104 5.1 4.2 6.4

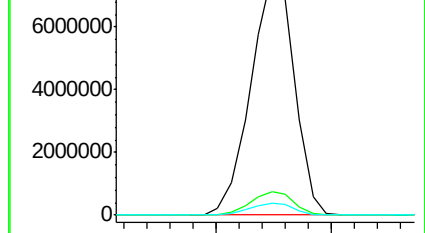
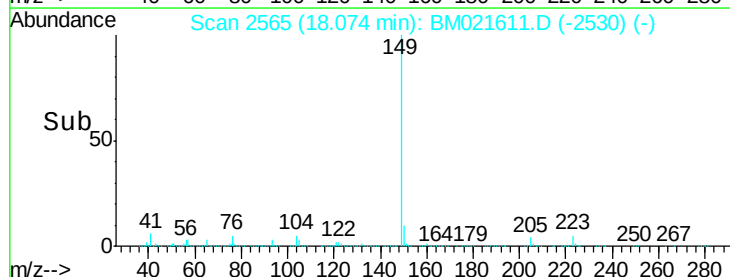


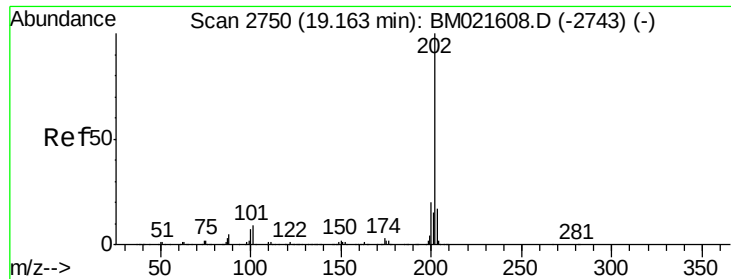
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->

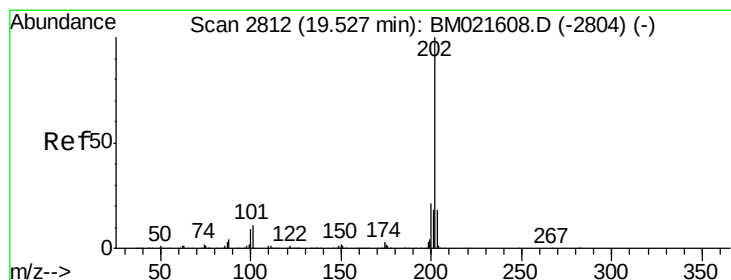
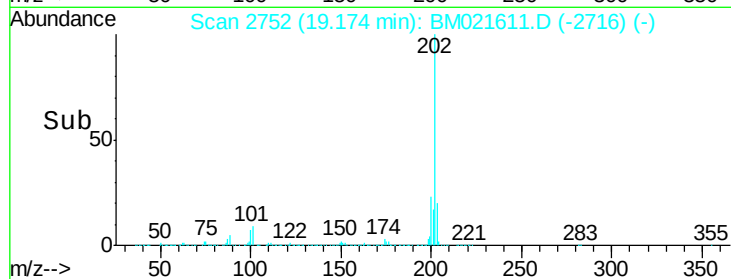
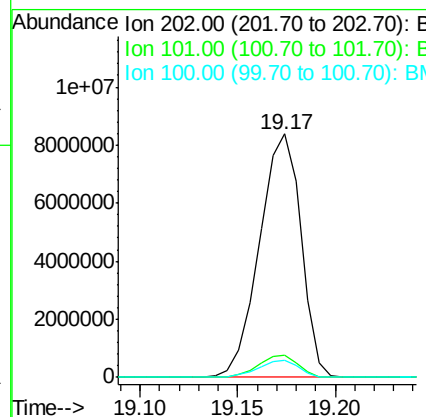
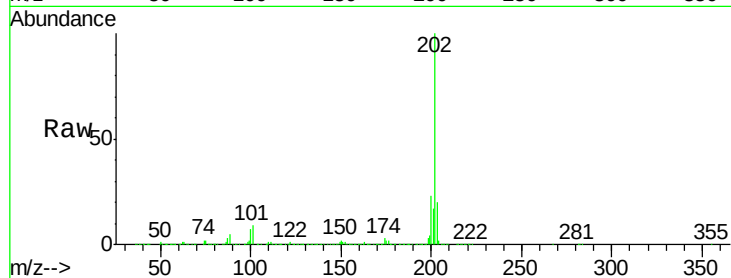




#76
Fluoranthene
Concen: 159.502 ng/ul
RT: 19.17 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

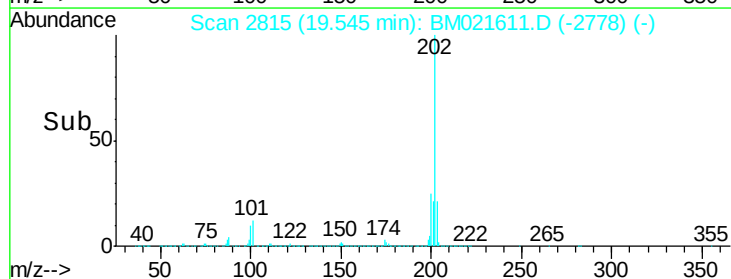
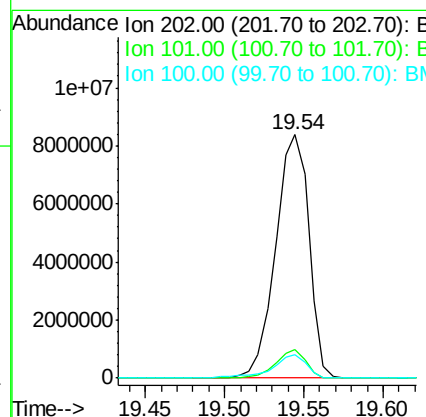
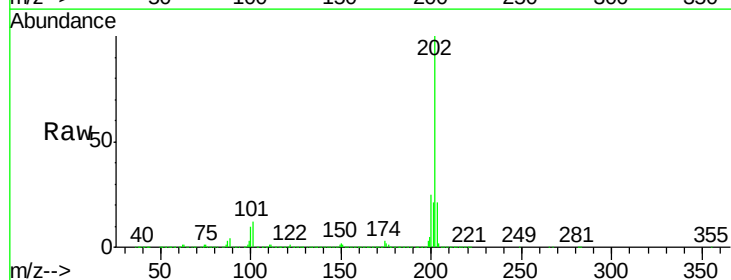
Instrument :
BNA_M
ClientSampleId :
SSTD16034

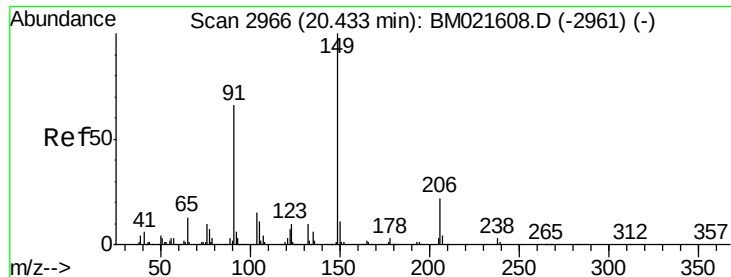
Tgt Ion:202 Resp:12343693
Ion Ratio Lower Upper
202 100
101 9.2 7.2 10.8
100 7.1 5.6 8.4



#79
Pyrene
Concen: 136.220 ng/ul
RT: 19.54 min Scan# 2815
Delta R.T. 0.02 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

Tgt Ion:202 Resp:12256466
Ion Ratio Lower Upper
202 100
101 11.5 8.6 13.0
100 9.7 7.1 10.7

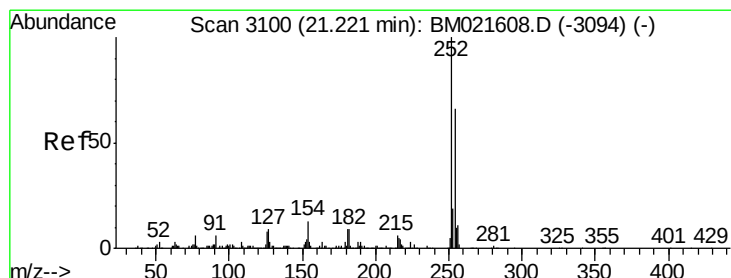
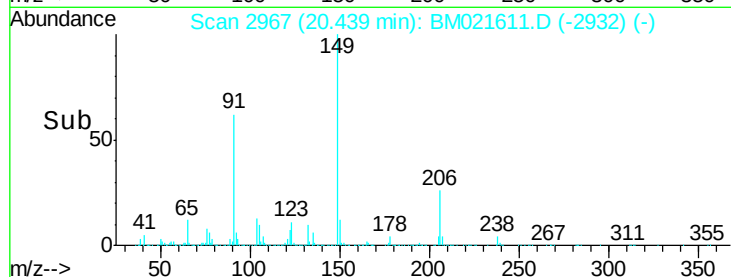
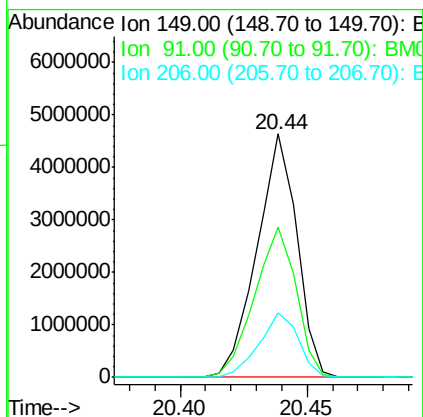
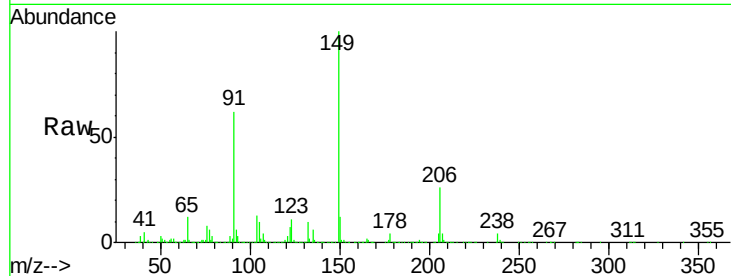




#80
Butylbenzylphthalate
Concen: 159.877 ng/ul
RT: 20.44 min Scan# 2967
Delta R.T. 0.01 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

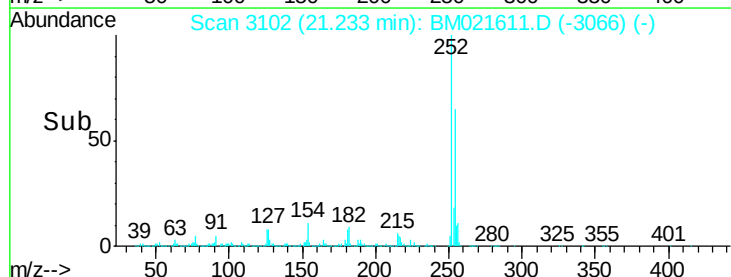
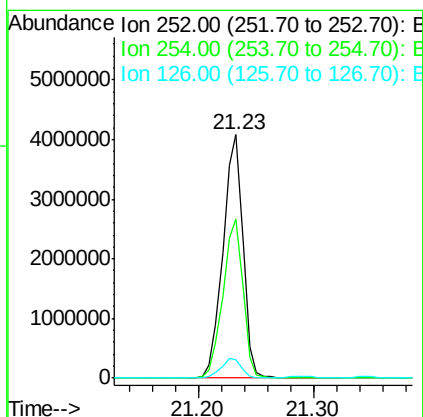
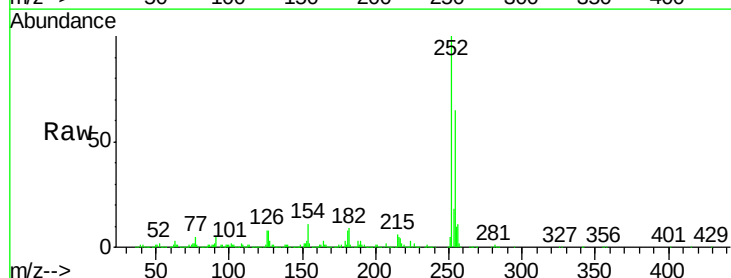
Instrument :
BNA_M
ClientSampleId :
SSTD16034

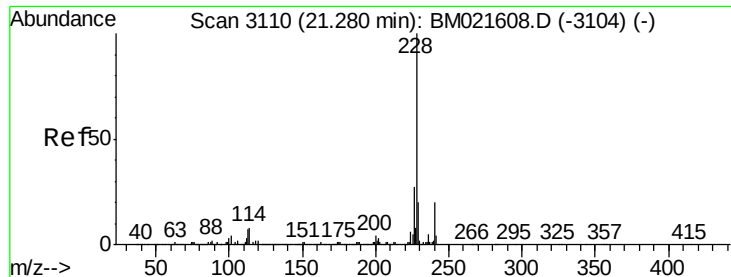
Tgt Ion:149 Resp: 5095617
Ion Ratio Lower Upper
149 100
91 61.9 53.0 79.6
206 26.4 17.8 26.6



#81
3,3'-Dichlorobenzidine
Concen: 162.000 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM021611.D
Acq: 23 Jul 2019 12:26

Tgt Ion:252 Resp: 4896928
Ion Ratio Lower Upper
252 100
254 65.1 53.0 79.6
126 7.7 6.7 10.1





#82

Benzo(a)anthracene

Concen: 142.458 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

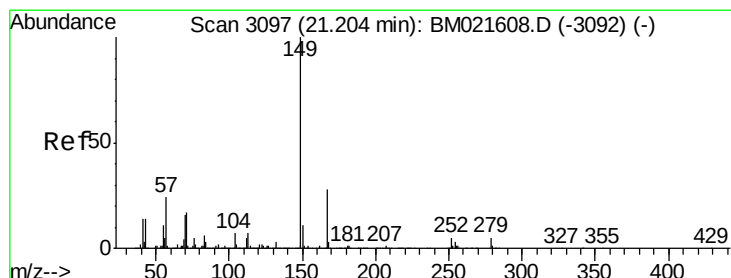
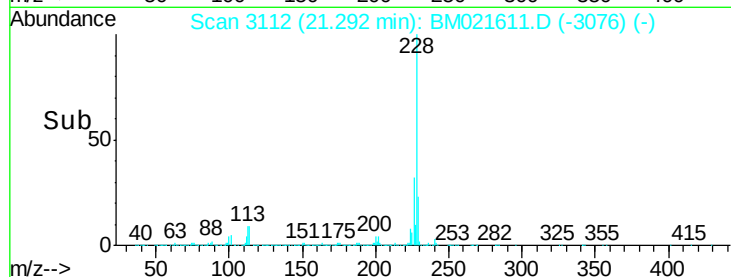
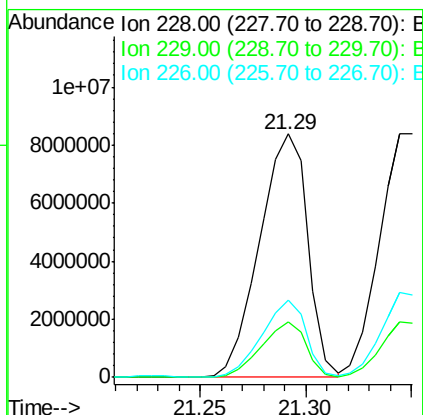
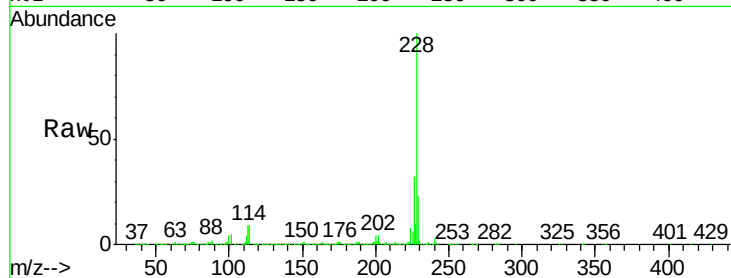
Tgt Ion:228 Resp:13263235

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.8	23.6
226	31.6	21.7	32.5

228 100

229 22.8 15.8 23.6

226 31.6 21.7 32.5



#83

Bis(2-ethylhexyl)phthalate

Concen: 153.714 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

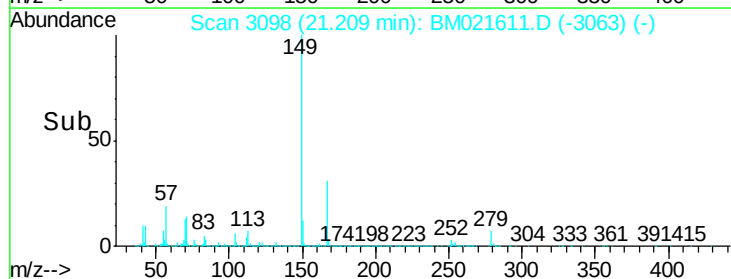
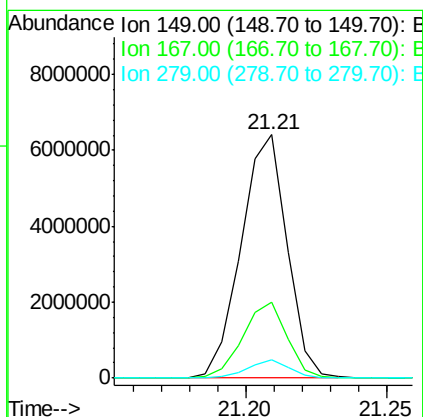
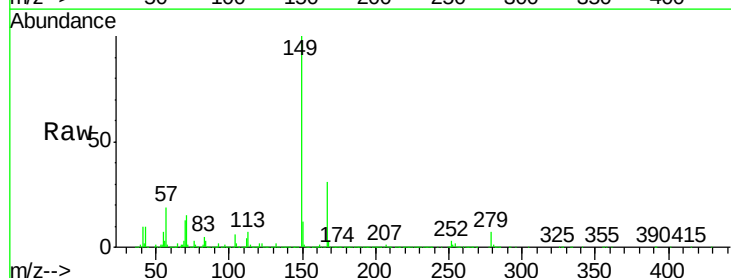
Tgt Ion:149 Resp: 7206399

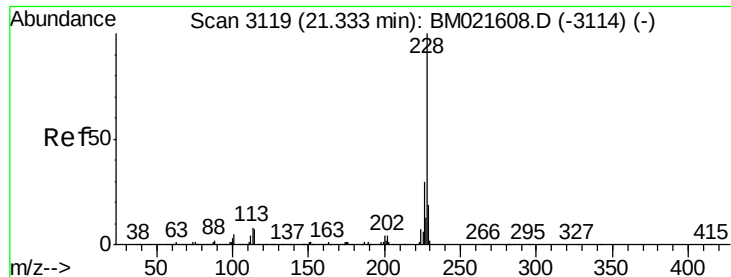
Ion	Ratio	Lower	Upper
149	100		
167	31.0	22.3	33.5
279	7.3	4.2	6.4#

149 100

167 31.0 22.3 33.5

279 7.3 4.2 6.4#





#84

Chrysene

Concen: 136.409 ng/ul

RT: 21.34 min Scan# 3121

Delta R.T. 0.01 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

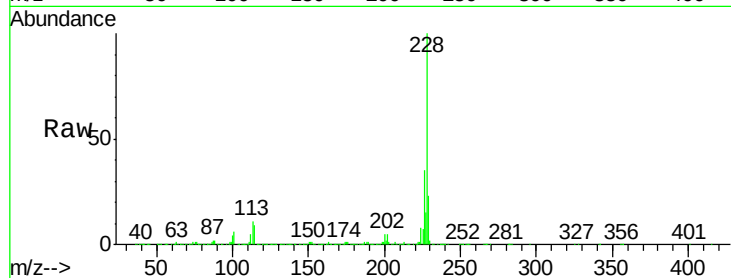
Tgt Ion:228 Resp:11939069

Ion Ratio Lower Upper

228 100

226 35.1 24.2 36.2

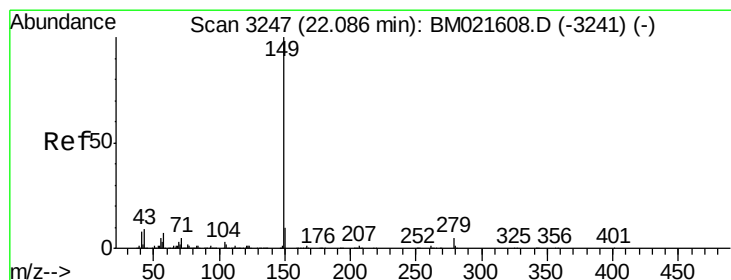
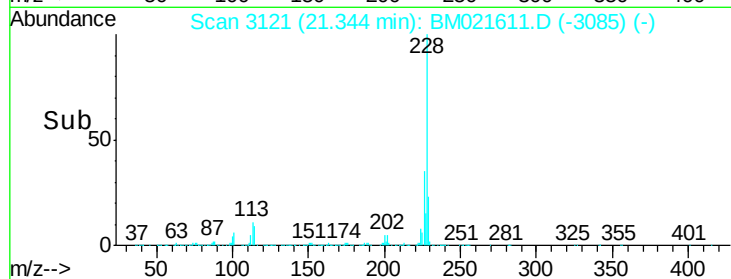
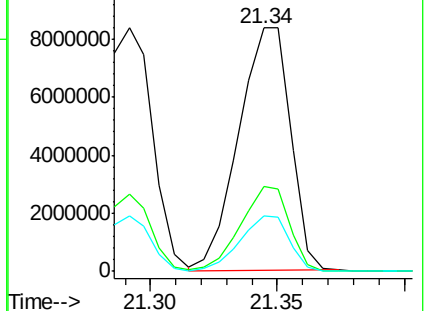
229 23.0 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 143.838 ng/ul

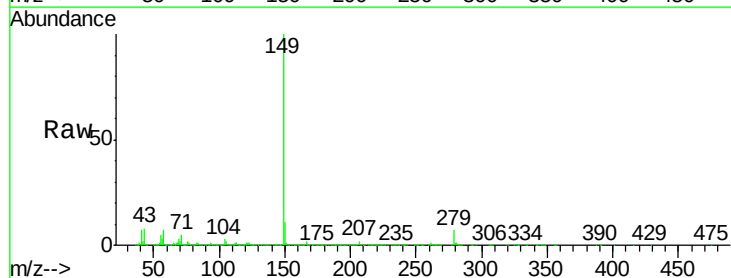
RT: 22.09 min Scan# 3248

Delta R.T. 0.01 min

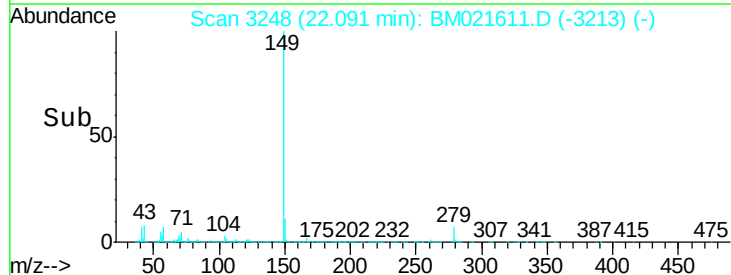
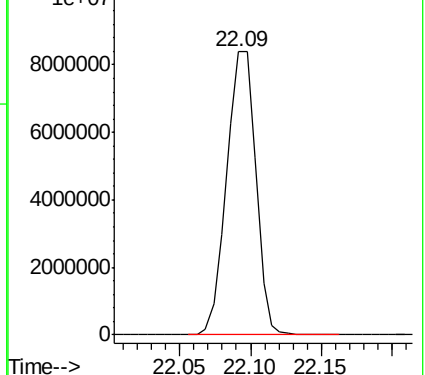
Lab File: BM021611.D

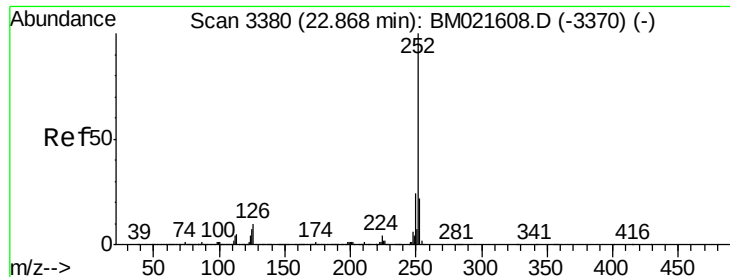
Acq: 23 Jul 2019 12:26

Tgt Ion:149 Resp:12127103



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 164.730 ng/ul

RT: 22.89 min Scan# 3384

Delta R.T. 0.02 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

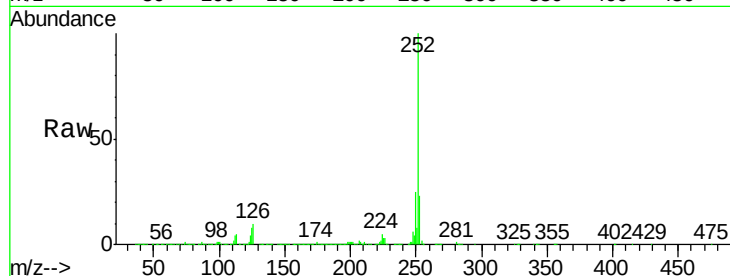
Tgt Ion:252 Resp:16021641

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

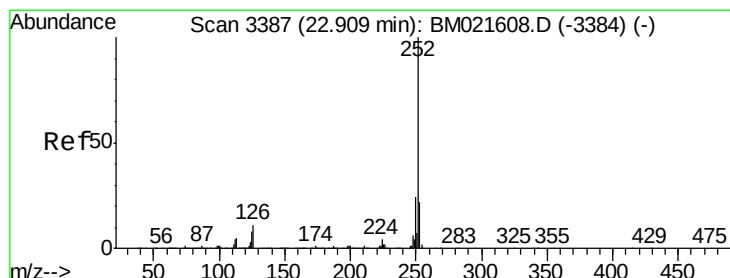
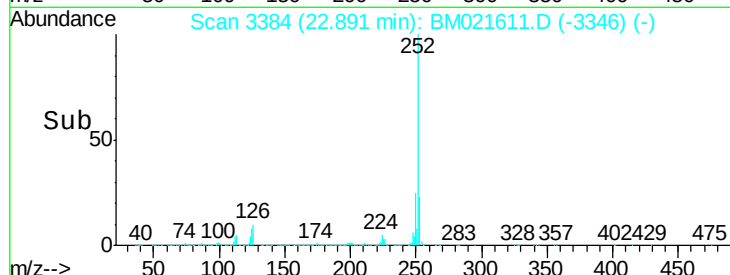
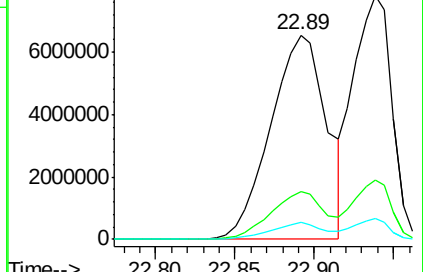
125 8.1 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 165.383 ng/ul

RT: 22.89 min Scan# 3384

Delta R.T. -0.02 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

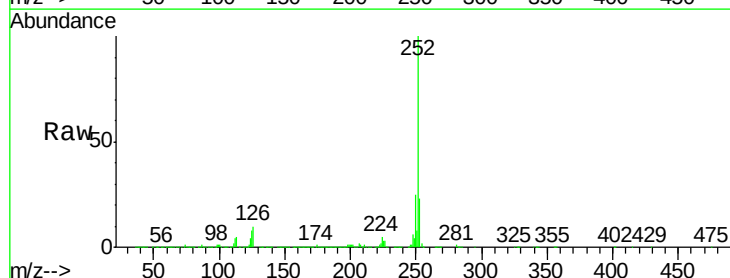
Tgt Ion:252 Resp:16021641

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

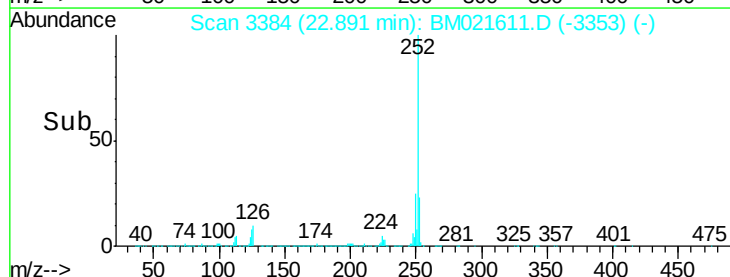
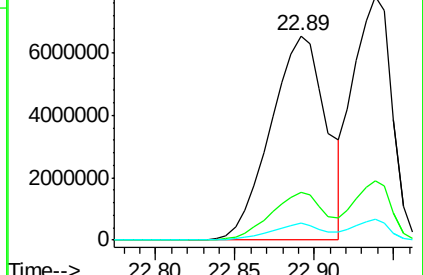
125 8.1 6.4 9.6

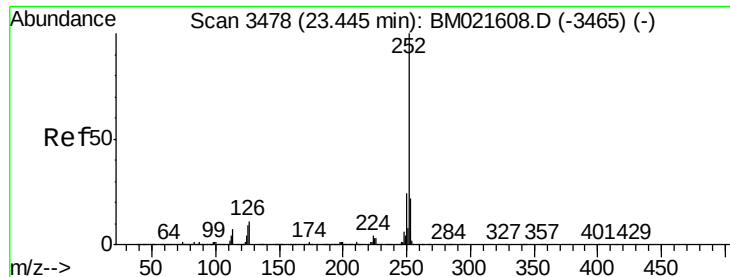


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 153.769 ng/ul

RT: 23.48 min Scan# 3484

Delta R.T. 0.04 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

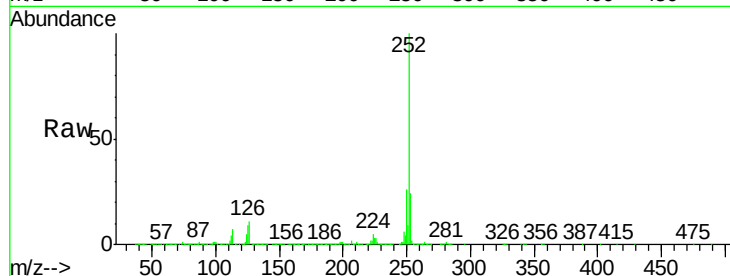
Tgt Ion:252 Resp:14445335

Ion Ratio Lower Upper

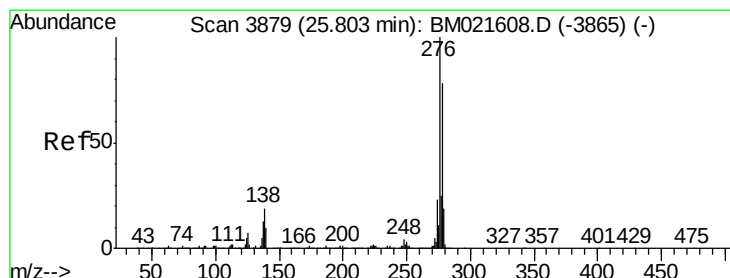
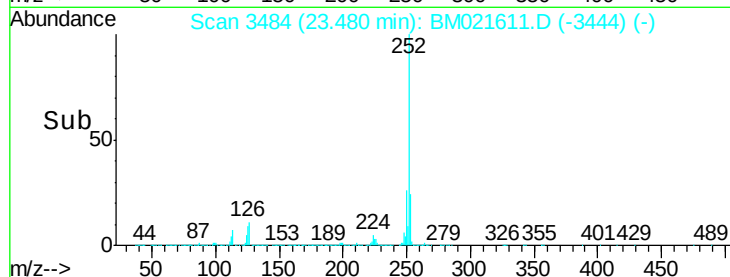
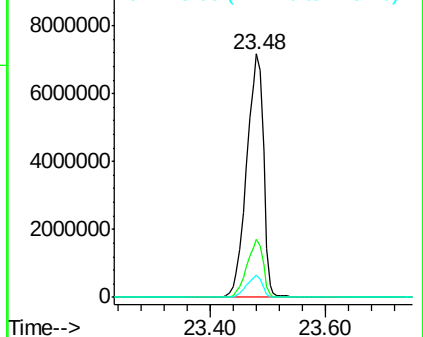
252 100

253 23.9 17.8 26.6

125 9.0 7.0 10.4



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 151.257 ng/ul

RT: 25.87 min Scan# 3890

Delta R.T. 0.06 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

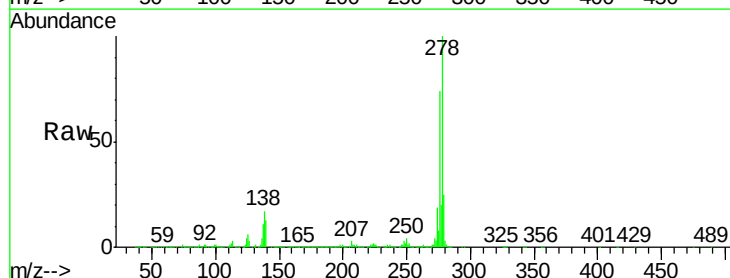
Tgt Ion:276 Resp:17552239

Ion Ratio Lower Upper

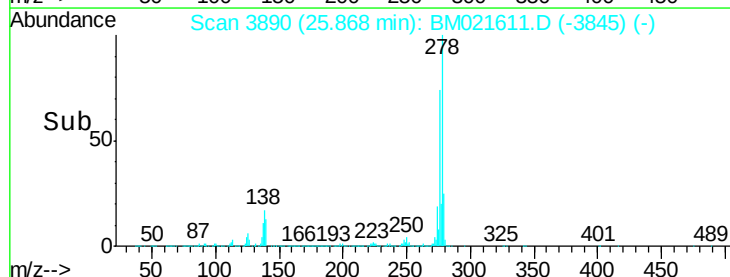
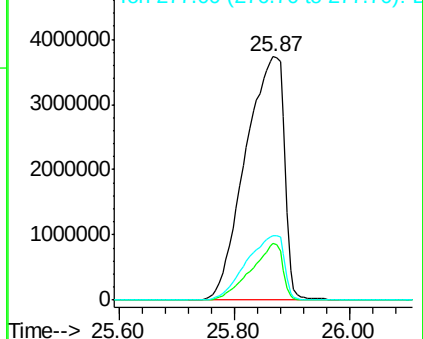
276 100

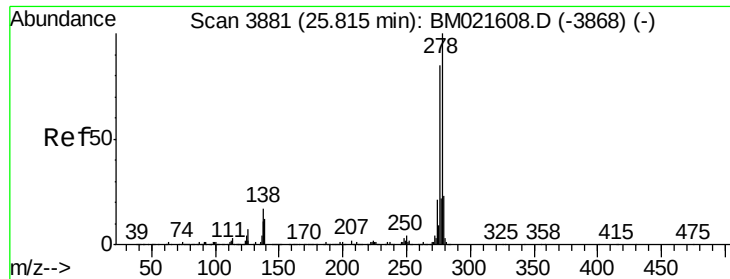
138 23.1 15.2 22.8#

277 26.6 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 150.037 ng/ul

RT: 25.87 min Scan# 3891

Delta R.T. 0.06 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD16034

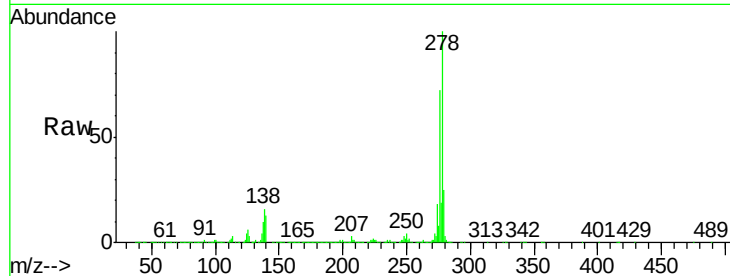
Tgt Ion:278 Resp:14636314

Ion Ratio Lower Upper

278 100

139 13.1 9.9 14.9

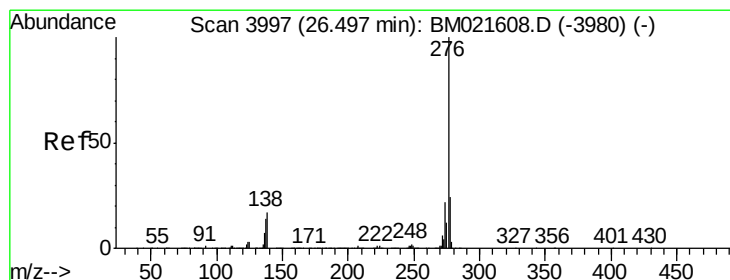
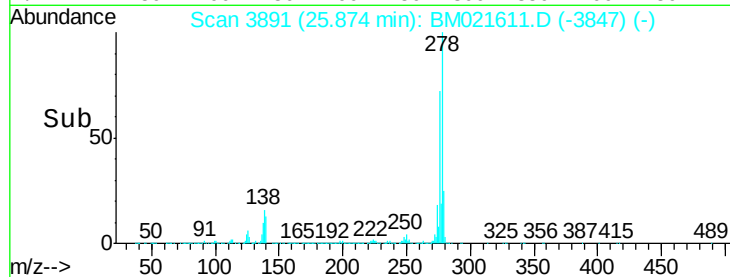
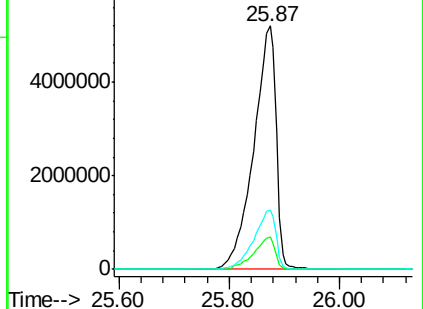
279 24.6 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 147.038 ng/ul

RT: 26.56 min Scan# 4007

Delta R.T. 0.06 min

Lab File: BM021611.D

Acq: 23 Jul 2019 12:26

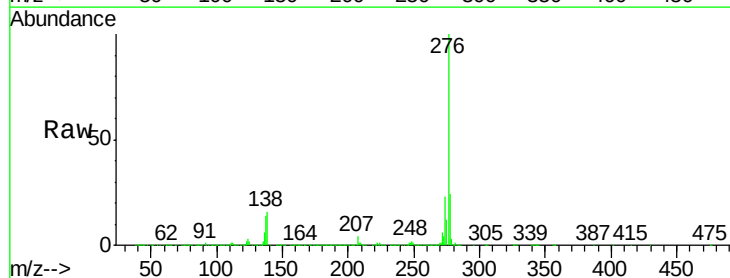
Tgt Ion:276 Resp:14077055

Ion Ratio Lower Upper

276 100

138 15.8 13.7 20.5

277 24.3 19.0 28.6



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

