

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120717\
 Data File : BM013246.D
 Acq On : 07 Dec 2017 16:52
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02021

Quant Time: Dec 08 01:55:49 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 01:54:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	215912	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	924654	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	544293	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1158787	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	768662	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	765866	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	26343	6.04	ng/uL	0.00
5) Phenol-d5	6.88	99	357432	19.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	202880	19.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	294617	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	301796	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	151106	20.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	169151	21.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	321731	19.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	374216	25.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	940855	19.42	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1192024	19.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	147751	17.56	ng/ul	0.00
57) Fluorene-d10	15.34	176	781864	18.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	116713	16.01	ng/ul	0.00
70) Anthracene-d10	17.19	188	1142394	19.68	ng/ul	0.00
76) Pyrene-d10	19.49	212	993326	25.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	742207	19.03	ng/ul	0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.28	88	30686	6.270	ng/uL# 61
4) Benzaldehyde	6.85	77	187414	20.275	ng/ul 93
6) Phenol	6.91	94	356755	19.319	ng/ul# 84
8) Bis(2-Chloroethyl)ether	7.13	93	271289	19.214	ng/ul 98
10) 2-Chlorophenol	7.27	128	287037	20.053	ng/ul 94
11) 2-Methylphenol	8.15	108	274469	19.217	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	297245	20.049	ng/ul# 82
14) Acetophenone	8.52	105	465332	19.173	ng/ul 88
15) N-Nitroso-di-n-propylamine	8.50	70	237129	19.397	ng/ul# 66
16) 4-Methylphenol	8.47	108	296345	19.403	ng/ul 95
17) Hexachloroethane	8.77	117	121850	19.553	ng/ul 81
20) Nitrobenzene	8.90	77	347801	18.829	ng/ul 92
21) Isophorone	9.42	82	658473	20.259	ng/ul# 93
23) 2-Nitrophenol	9.60	139	169508	20.834	ng/ul# 75
24) 2,4-Dimethylphenol	9.67	107	352902	19.887	ng/ul 91
25) Bis(2-Chloroethoxy)methane	9.90	93	383380	20.154	ng/ul 96
27) 2,4-Dichlorophenol	10.13	162	298126	19.957	ng/ul# 94
28) Naphthalene	10.53	128	933707	19.627	ng/ul 98
30) 4-Chloroaniline	10.65	127	357828	24.866	ng/ul 92
31) Hexachlorobutadiene	10.81	225	205920	19.030	ng/ul 98
32) Caprolactam	11.43	113	96745	20.264	ng/ul# 35
33) 4-Chloro-3-methylphenol	11.78	107	324032	19.774	ng/ul 95
34) 2-Methylnaphthalene	12.15	142	681133	19.047	ng/ul 96

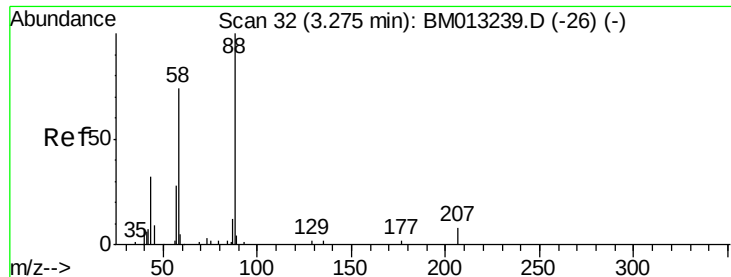
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120717\
 Data File : BM013246.D
 Acq On : 07 Dec 2017 16:52
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02021

Quant Time: Dec 08 01:55:49 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 01:54:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	398085	20.269	ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	156344	12.094	ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	260870	21.306	ng/ul	95
39) 2,4,5-Trichlorophenol	12.84	196	273545	21.032	ng/ul	98
40) 1,1'-Biphenyl	13.17	154	914470	19.879	ng/ul	99
41) 2-Chloronaphthalene	13.21	162	717599	19.884	ng/ul	98
42) 2-Nitroaniline	13.42	65	210402	19.899	ng/ul	85
44) Dimethylphthalate	13.80	163	903440	19.502	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	189620	20.069	ng/ul	97
47) Acenaphthylene	14.06	152	1096281	19.820	ng/ul	99
48) 3-Nitroaniline	14.26	138	182224	21.577	ng/ul	86
49) Acenaphthene	14.41	153	736100	19.536	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	81125	15.516	ng/ul	97
52) 4-Nitrophenol	14.57	109	139878	16.943	ng/ul#	79
53) Dibenzofuran	14.74	168	1044395	18.776	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	261142	19.000	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.97	232	230968	19.368	ng/ul#	91
56) Diethylphthalate	15.17	149	906258	19.505	ng/ul	96
58) Fluorene	15.40	166	859595	18.680	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.39	204	463811	18.570	ng/ul	99
60) 4-Nitroaniline	15.42	138	184961	18.563	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.49	198	114548	15.725	ng/ul	98
64) N-Nitrosodiphenylamine	15.61	169	735335	21.542	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	281840	20.690	ng/ul	96
66) Hexachlorobenzene	16.40	284	300908	20.031	ng/ul#	92
67) Atrazine	16.56	200	277072	21.991	ng/ul	92
68) Pentachlorophenol	16.74	266	161582	18.597	ng/ul	98
69) Phenanthrene	17.13	178	1261601	19.164	ng/ul	98
71) Anthracene	17.23	178	1296391	19.265	ng/ul	99
72) Carbazole	17.50	167	1042633	18.014	ng/ul	99
73) Di-n-butylphthalate	18.06	149	1403539	20.772	ng/ul	98
74) Fluoranthene	19.15	202	1278457	15.847	ng/ul#	91
77) Pyrene	19.52	202	1208604	25.881	ng/ul#	90
78) Butylbenzylphthalate	20.42	149	472984	25.923	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.20	252	294726	18.240	ng/ul	97
80) Benzo(a)anthracene	21.27	228	947219	19.422	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.20	149	631540	22.963	ng/ul#	97
82) Chrysene	21.32	228	878051	19.406	ng/ul	98
84) Di-n-octyl phthalate	22.08	149	973270	17.871	ng/ul#	95
85) Benzo(b)fluoranthene	22.84	252	928528	17.985	ng/ul#	99
86) Benzo(k)fluoranthene	22.89	252	850583	17.507	ng/ul#	97
88) Benzo(a)pyrene	23.42	252	871650	18.795	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.76	276	1084770	23.573	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.77	278	913622	23.317	ng/ul#	97
91) Benzo(g,h,i)perylene	26.45	276	881862	24.295	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 6.270 ng/uL

RT: 3.28 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

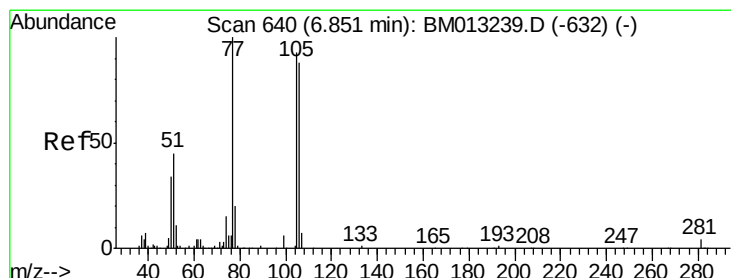
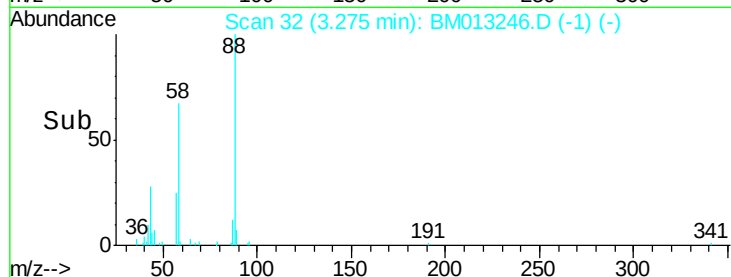
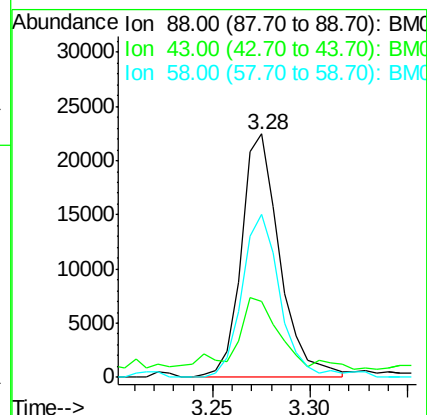
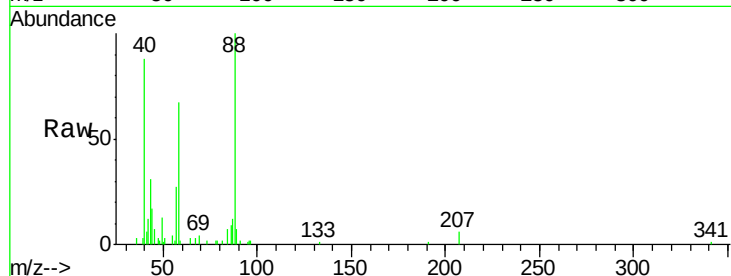
Tot Ion: 88 Resp: 30686

Ion Ratio Lower Upper

88 100

43 26.3 48.0 72.0#

58 64.9 80.0 120.0#



#4

Benzaldehyde

Concen: 20.275 ng/uL

RT: 6.85 min Scan# 640

Delta R.T. -0.00 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

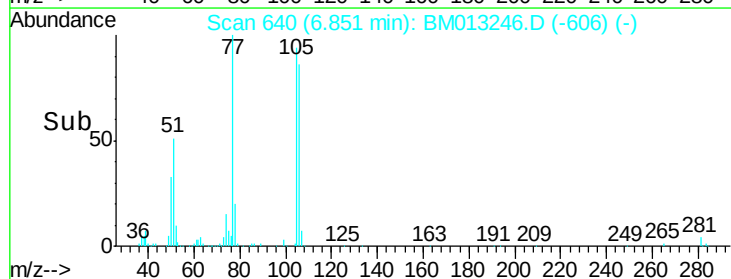
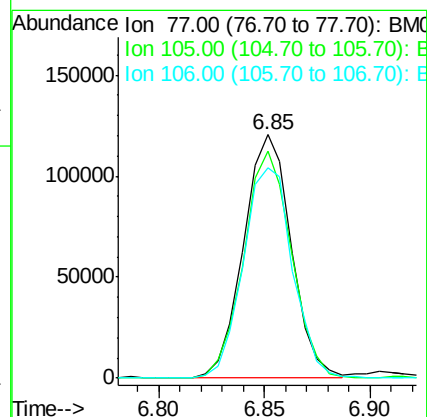
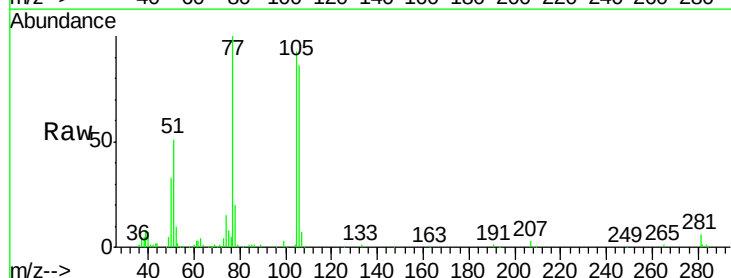
Tgt Ion: 77 Resp: 187414

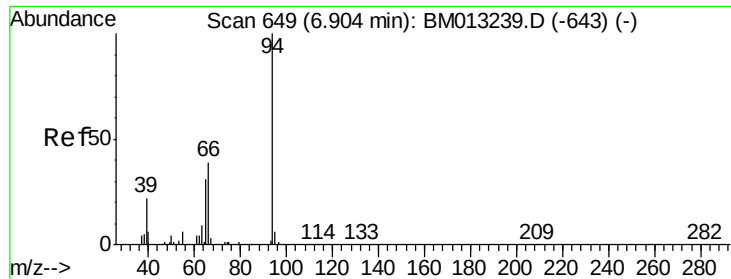
Ion Ratio Lower Upper

77 100

105 93.3 66.1 99.1

106 86.2 67.8 101.6





#6

Phenol

Concen: 19.319 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

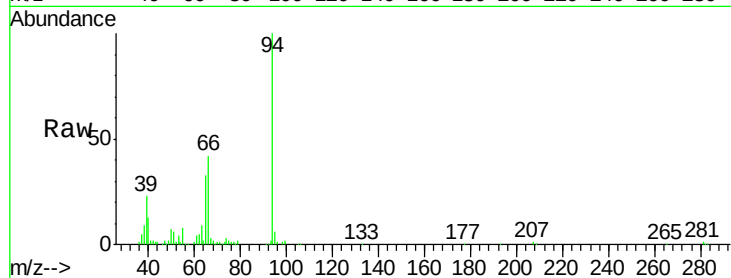
Tot Ion: 94 Resp: 356755

Ion Ratio Lower Upper

94 100

65 32.8 28.2 42.4

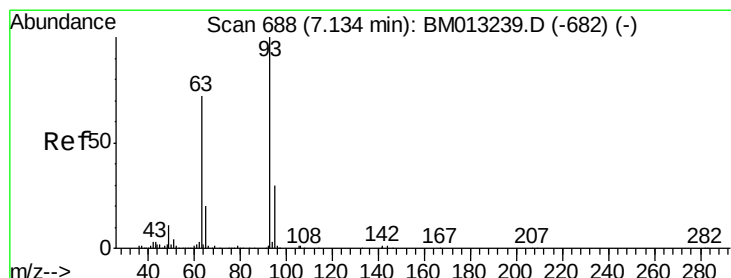
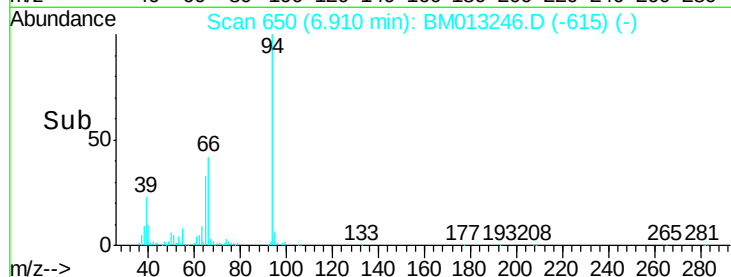
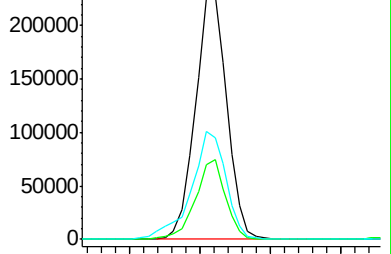
66 41.7 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013239.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013239.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013239.D (-643) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.214 ng/ul

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

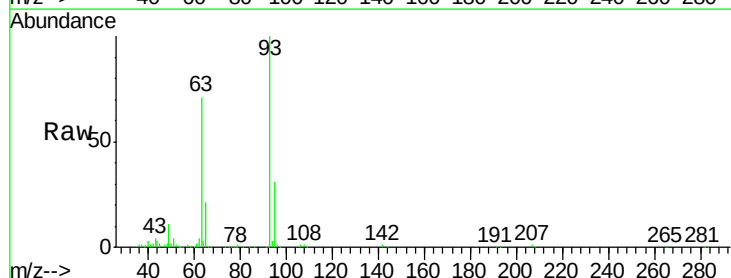
Tgt Ion: 93 Resp: 271289

Ion Ratio Lower Upper

93 100

63 71.1 57.3 85.9

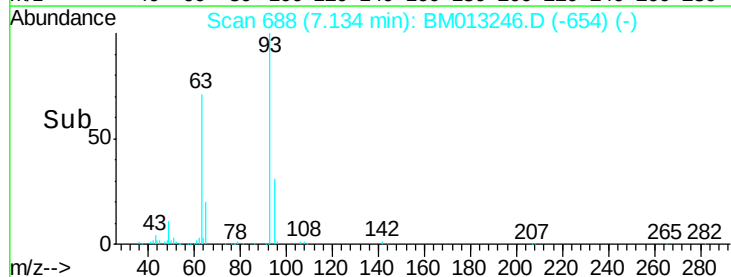
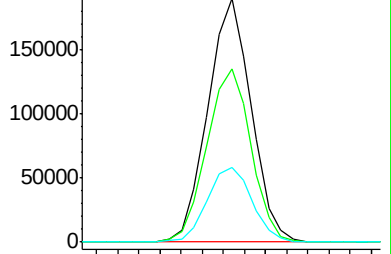
95 30.9 26.6 39.8

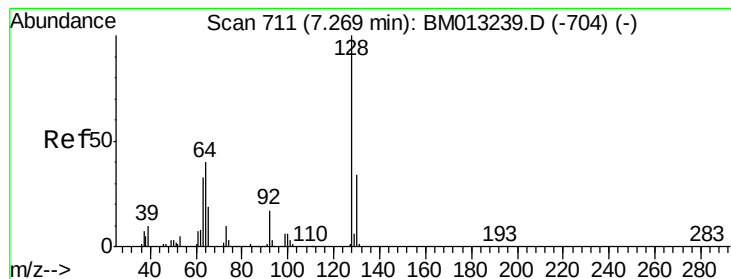


Abundance Ion 93.00 (92.70 to 93.70): BM013239.D (-682) (-)

Ion 63.00 (62.70 to 63.70): BM013239.D (-682) (-)

Ion 95.00 (94.70 to 95.70): BM013239.D (-682) (-)





#10

2-Chlorophenol

Concen: 20.053 ng/ul

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

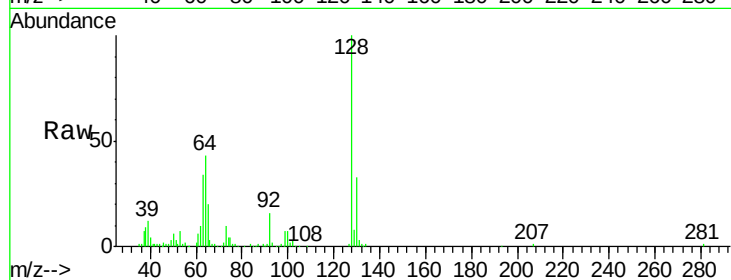
Tot Ion:128 Resp: 287037

Ion Ratio Lower Upper

128 100

64 43.3 38.0 57.0

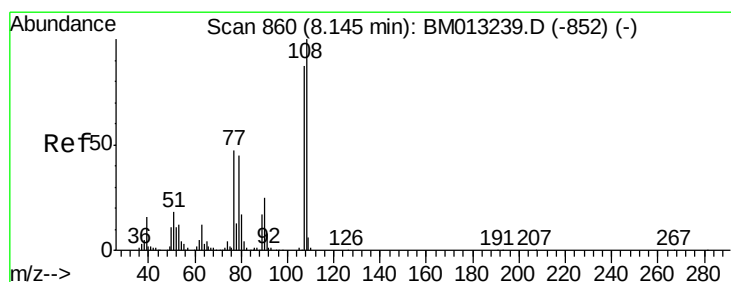
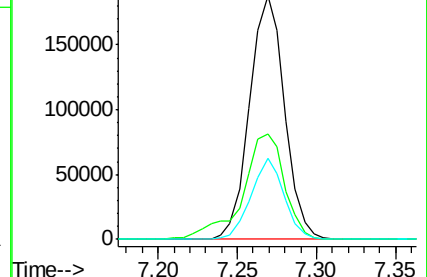
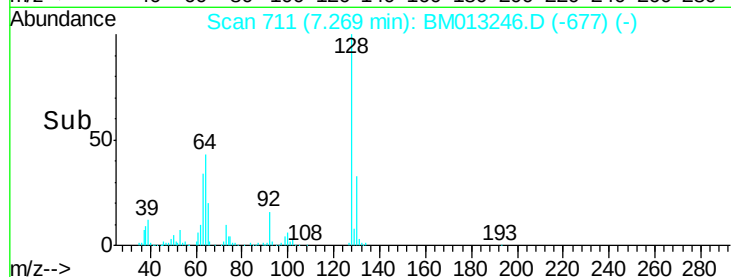
130 33.4 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.217 ng/ul

RT: 8.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM013246.D

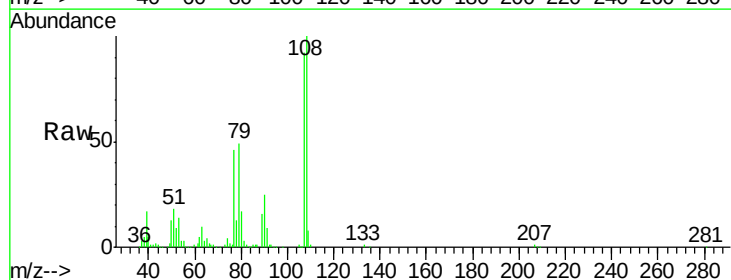
Acq: 07 Dec 2017 16:52

Tgt Ion:108 Resp: 274469

Ion Ratio Lower Upper

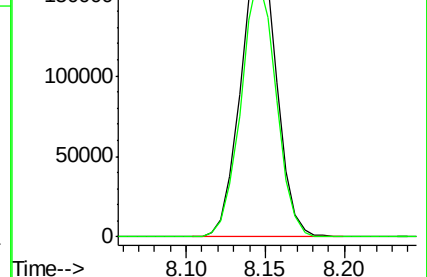
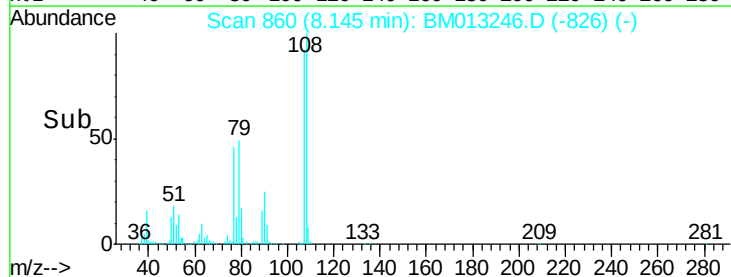
108 100

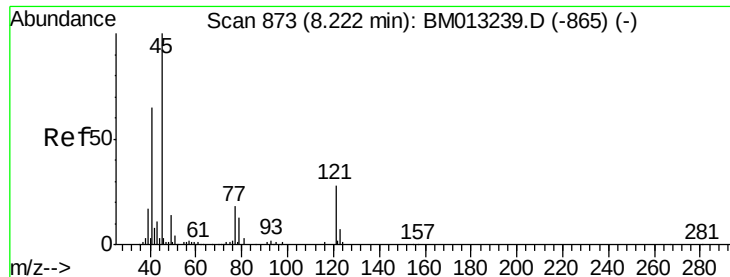
107 92.2 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

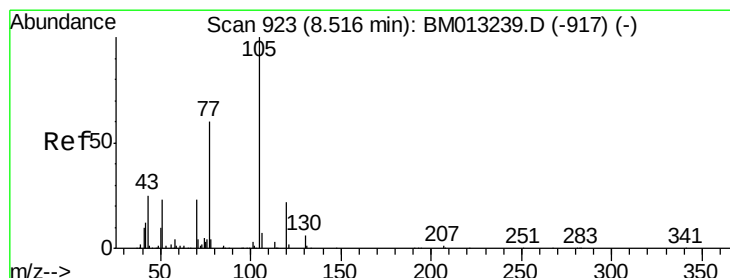
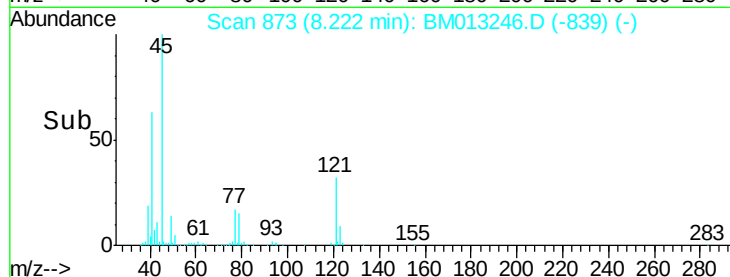
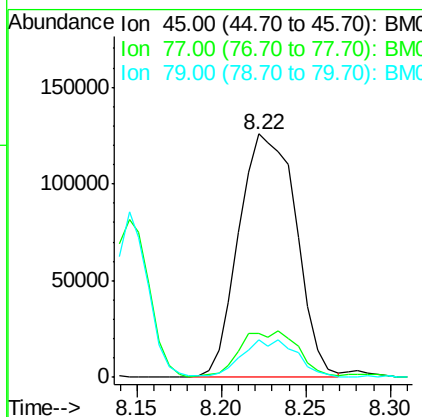
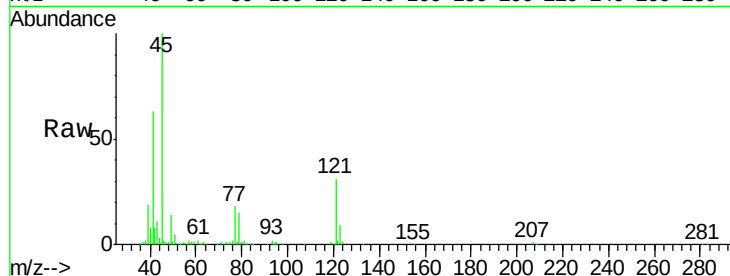




#12
2,2'-oxybis(1-Chloropropane)
Concen: 20.049 ng/ul
RT: 8.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

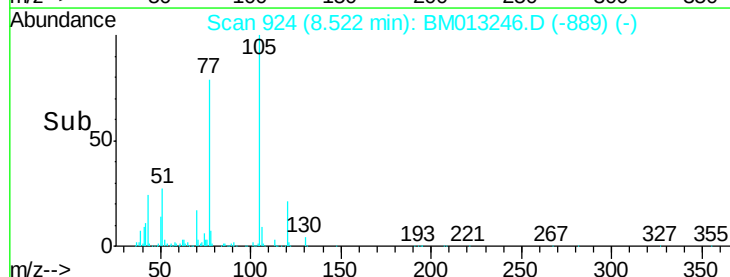
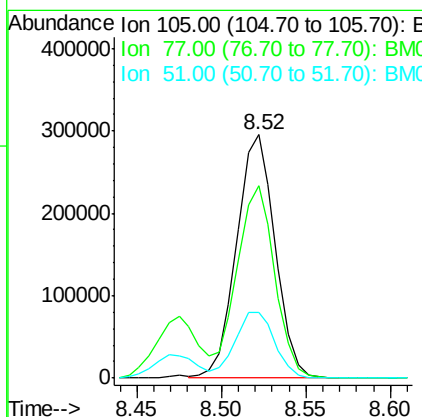
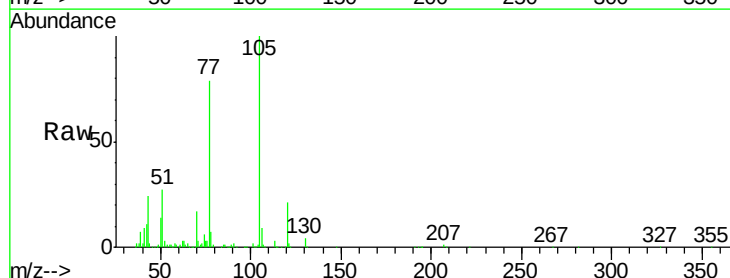
Instrument :
BNA_M
ClientSampleId :
SSTD02021

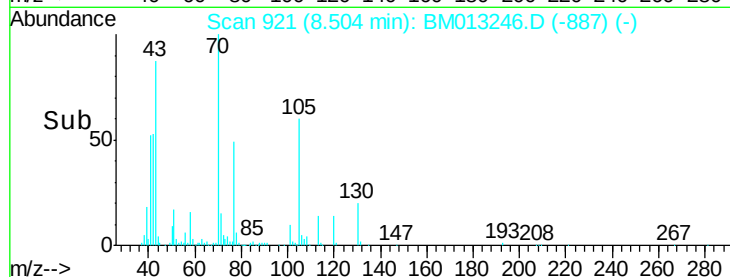
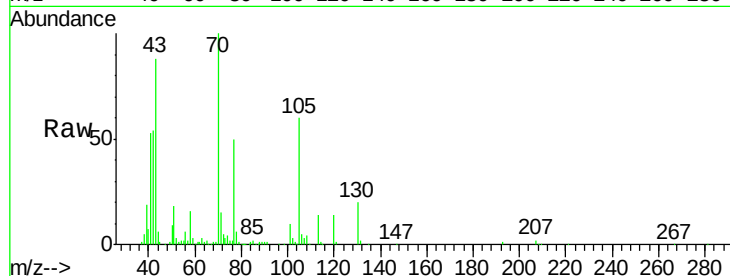
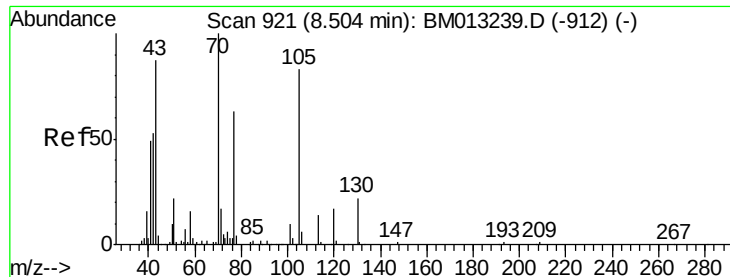
Tot Ion	45	Resp	297245
Ion Ratio	100		
Lower		8.0	
Upper		12.0	



#14
Acetophenone
Concen: 19.173 ng/ul
RT: 8.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

Tgt Ion	105	Resp	465332
Ion Ratio	100		
Lower		74.2	
Upper		111.4	

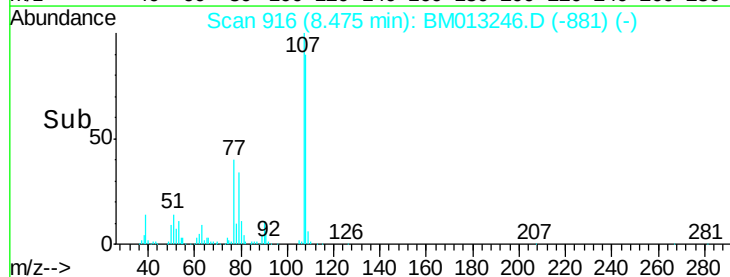
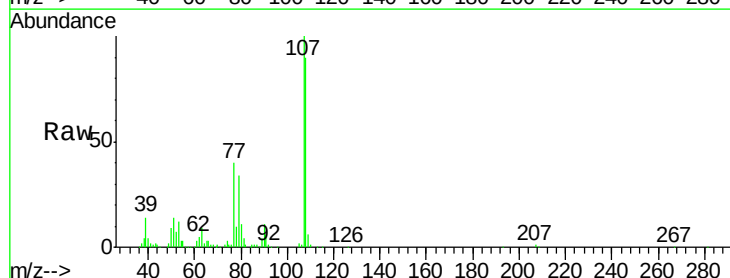
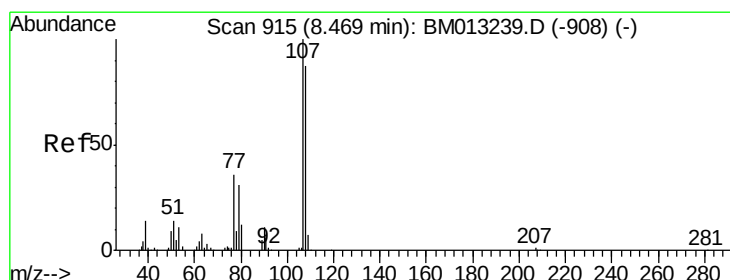
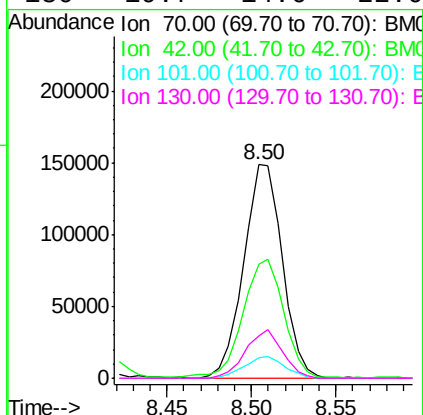




#15
N-Nitroso-di-n-propylamine
Concen: 19.397 ng/ul
RT: 8.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

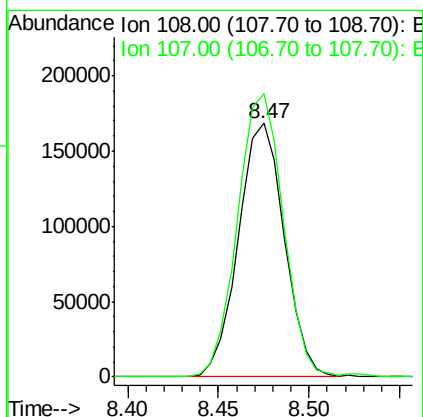
Instrument :
BNA_M
ClientSampleId :
SSTD02021

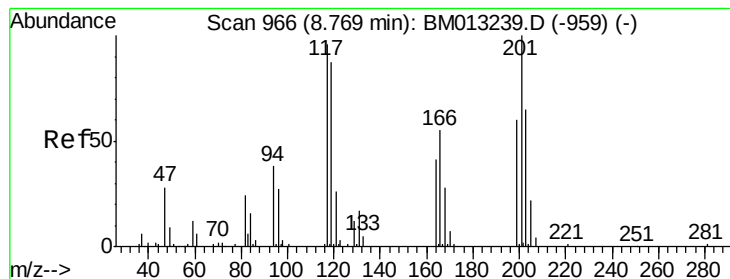
Tot Ion: 70 Resp: 237129
Ion Ratio Lower Upper
70 100
42 53.6 76.0 114.0#
101 9.6 6.7 10.1
130 19.7 14.6 22.0



#16
4-Methylphenol
Concen: 19.403 ng/ul
RT: 8.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

Tgt Ion: 108 Resp: 296345
Ion Ratio Lower Upper
108 100
107 111.7 84.9 127.3





#17

Hexachloroethane

Concen: 19.553 ng/ul

RT: 8.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

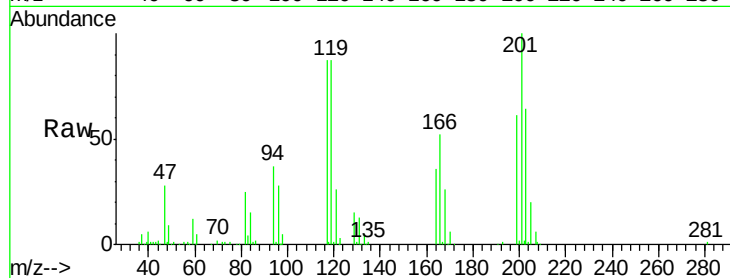
Tot Ion:117 Resp: 121850

Ion Ratio Lower Upper

117 100

201 114.9 111.6 167.4

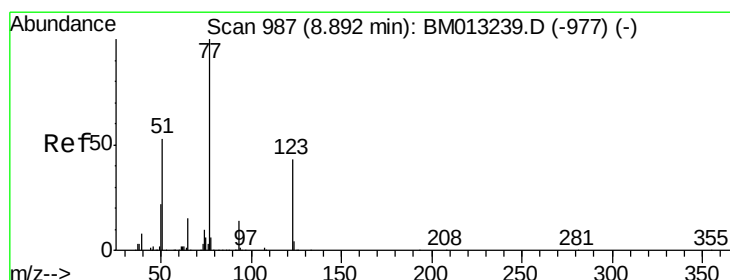
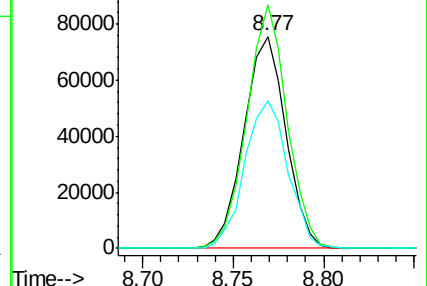
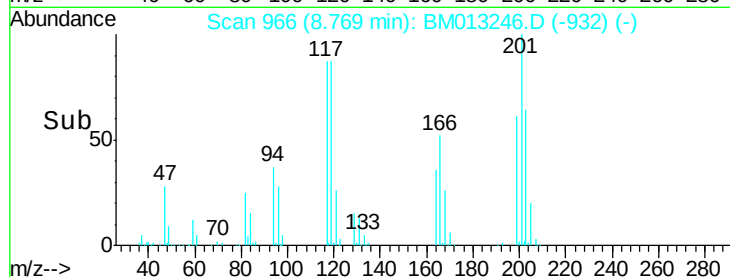
199 69.7 67.8 101.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 18.829 ng/ul

RT: 8.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

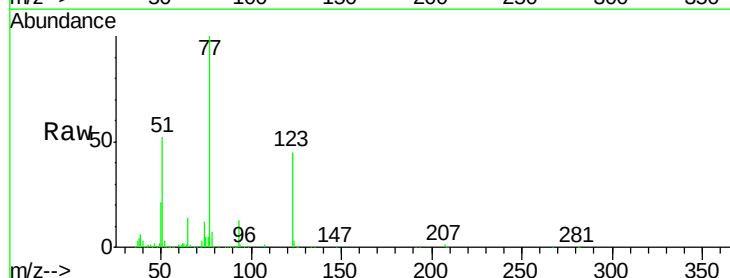
Tgt Ion: 77 Resp: 347801

Ion Ratio Lower Upper

77 100

123 44.9 31.0 46.6

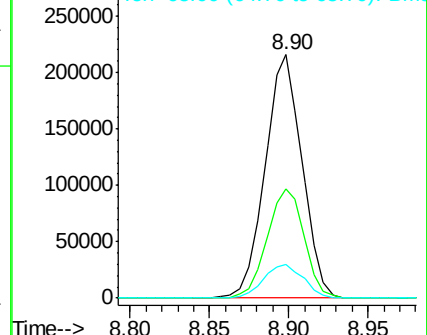
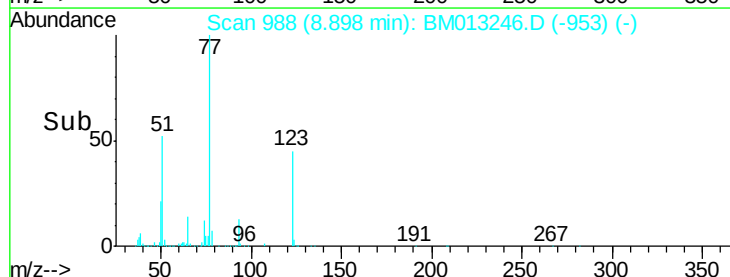
65 13.8 12.2 18.2

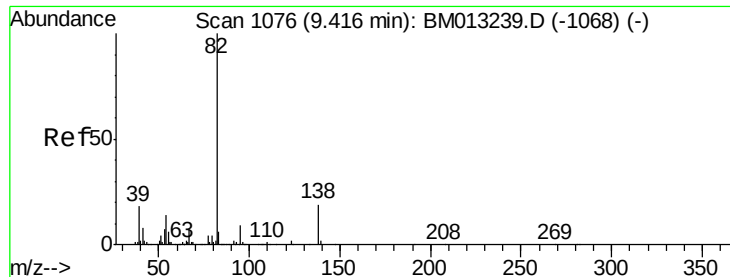


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 20.259 ng/ul

RT: 9.42 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampled :

SSTD02021

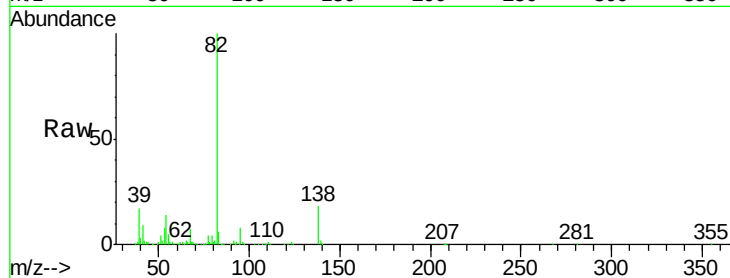
Tot Ion: 82 Resp: 658473

Ion Ratio Lower Upper

82 100

95 7.7 7.8 11.8#

138 18.3 11.9 17.9#

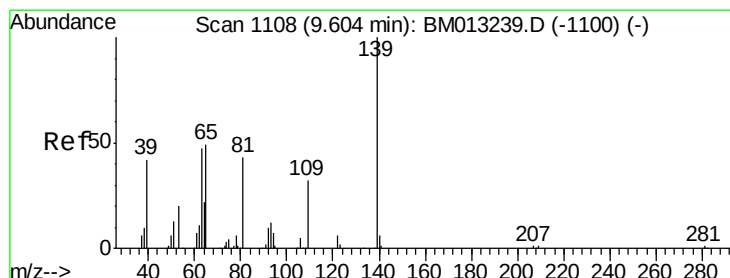
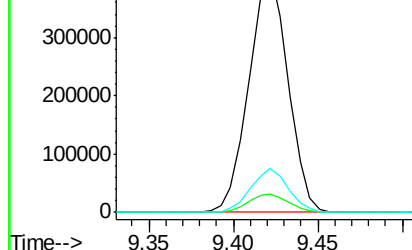
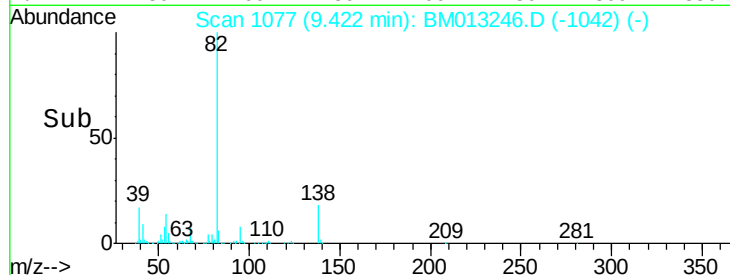


Abundance Ion 82.00 (81.70 to 82.70): BM013246.D (-1042) (-)

Ion 95.00 (94.70 to 95.70): BM013246.D (-1042) (-)

Ion 138.00 (137.70 to 138.70): BM013246.D (-1042) (-)

Time-->



#23

2-Nitrophenol

Concen: 20.834 ng/ul

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

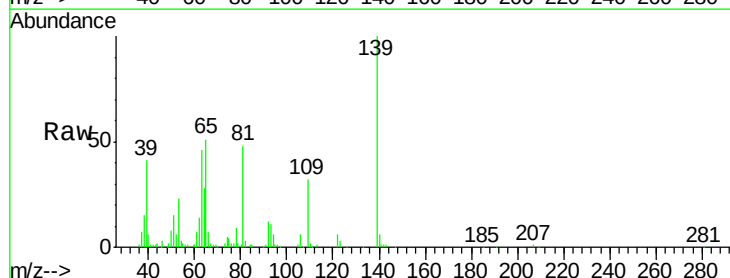
Tgt Ion: 139 Resp: 169508

Ion Ratio Lower Upper

139 100

65 51.3 55.4 83.0#

109 31.8 42.2 63.2#

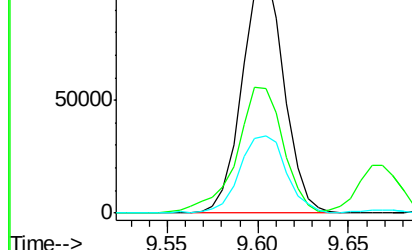
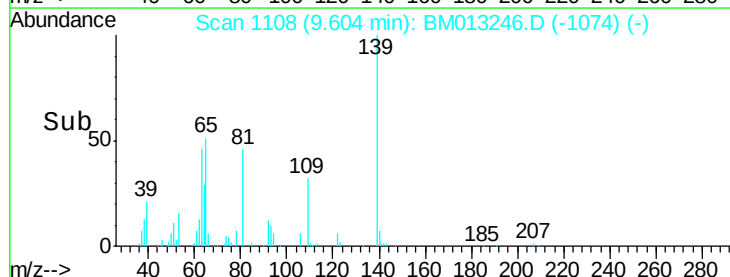


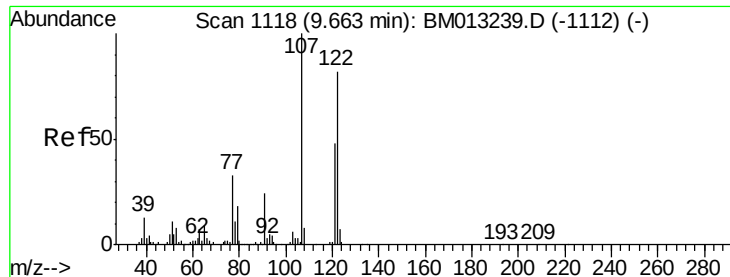
Abundance Ion 139.00 (138.70 to 139.70): BM013246.D (-1074) (-)

Ion 65.00 (64.70 to 65.70): BM013246.D (-1074) (-)

Ion 109.00 (108.70 to 109.70): BM013246.D (-1074) (-)

Time-->

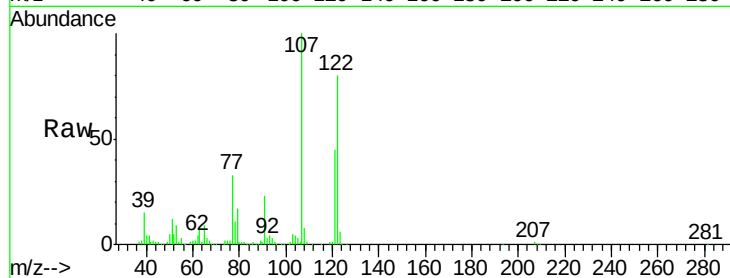




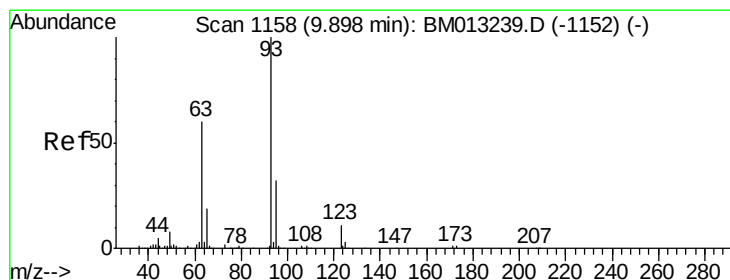
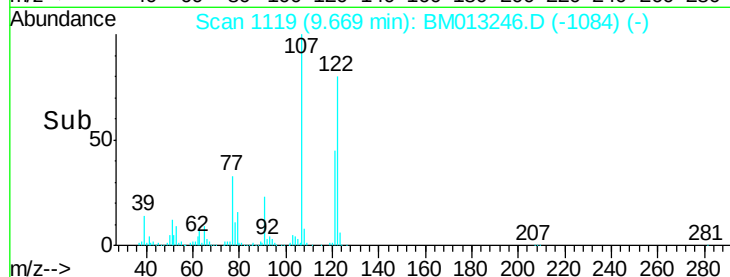
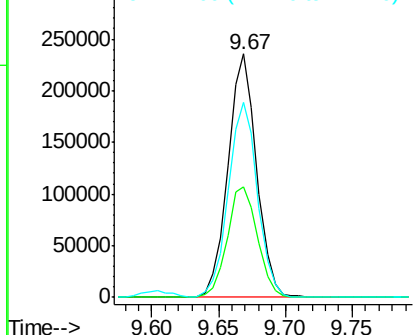
#24
 2,4-Dimethylphenol
 Concen: 19.887 ng/ul
 RT: 9.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BM013246.D
 Acq: 07 Dec 2017 16:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02021

Tot Ion	Ratio	Lower	Upper
107	100		
121	45.4	31.9	47.9
122	80.3	57.8	86.6

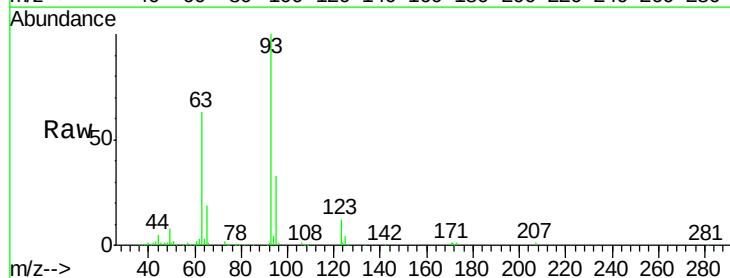


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

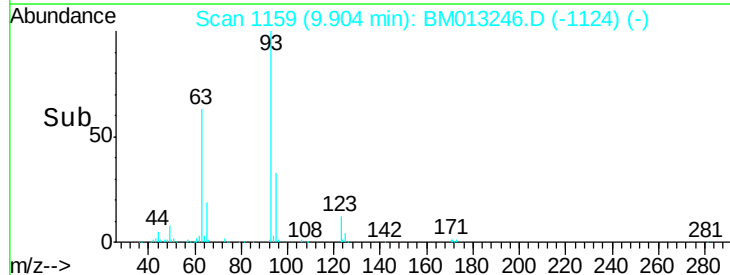
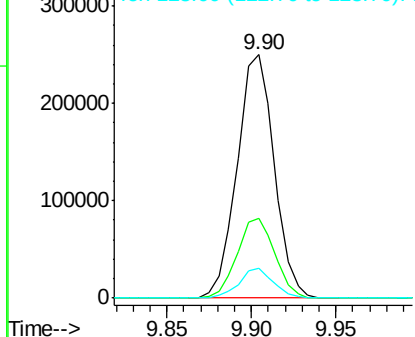


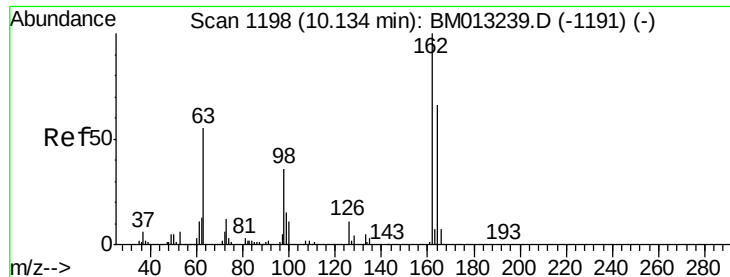
#25
 Bis(2-Chloroethoxy)methane
 Concen: 20.154 ng/ul
 RT: 9.90 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BM013246.D
 Acq: 07 Dec 2017 16:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	28.5	42.7
123	12.1	8.9	13.3



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

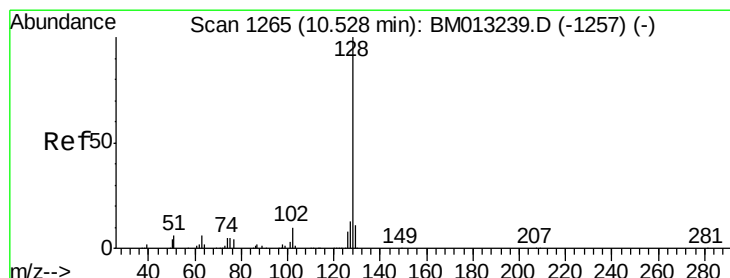
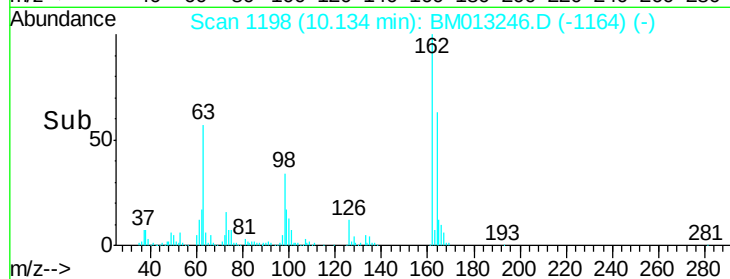
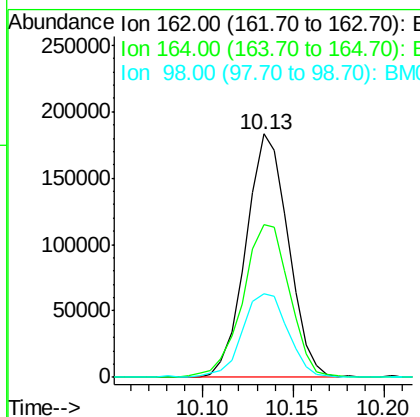
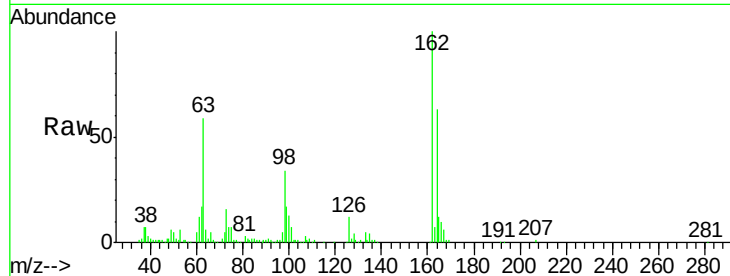




#27
2,4-Dichlorophenol
Concen: 19.957 ng/ul
RT: 10.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

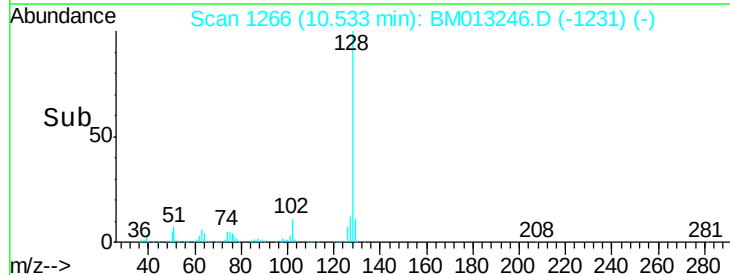
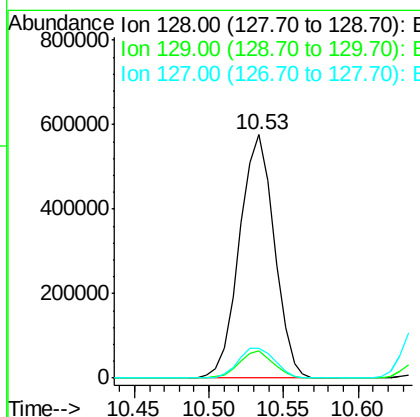
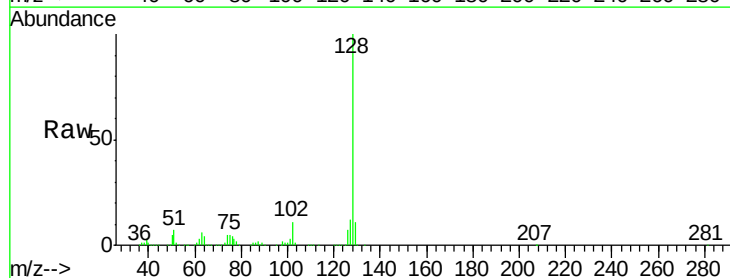
Instrument :
BNA_M
ClientSampleId :
SSTD02021

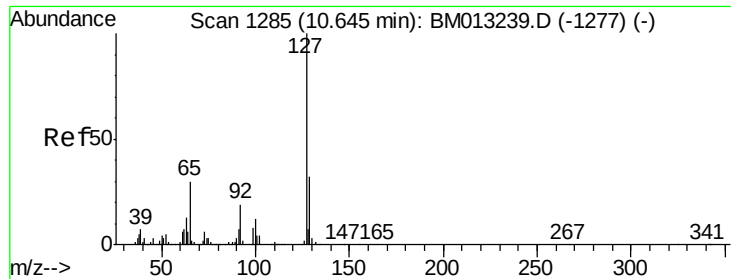
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	47.8	71.6
98	34.5	23.0	34.4



#28
Naphthalene
Concen: 19.627 ng/ul
RT: 10.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	12.4	10.6	16.0

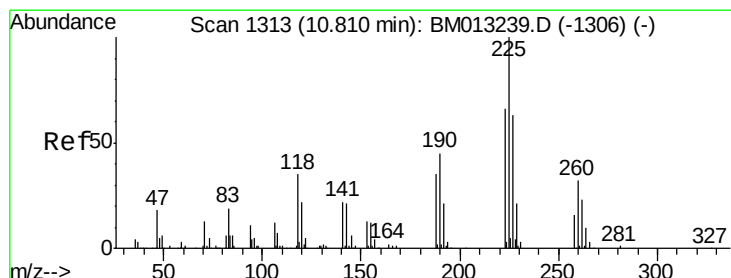
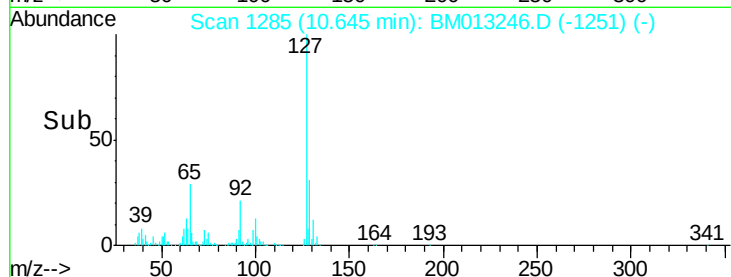
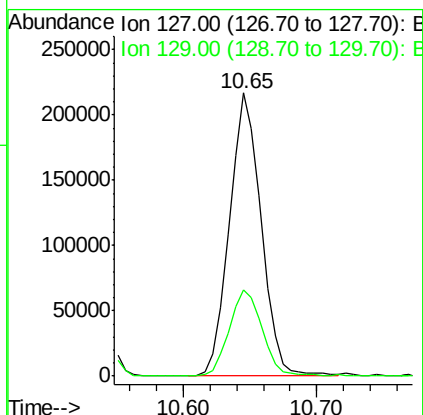
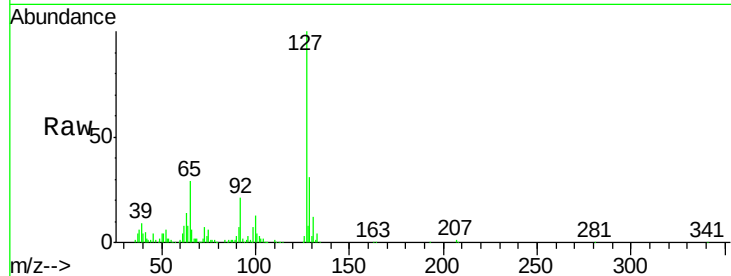




#30
4-Chloroaniline
Concen: 24.866 ng/ul
RT: 10.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

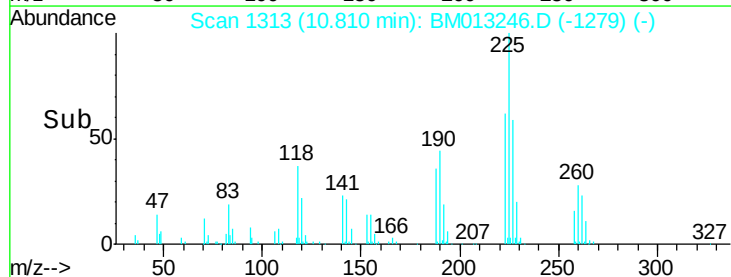
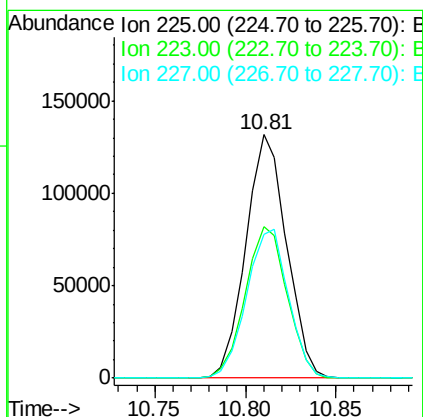
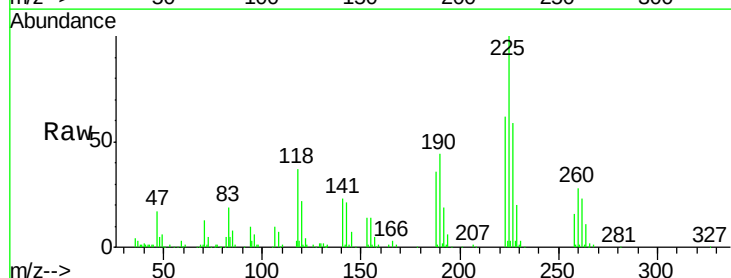
Instrument :
BNA_M
ClientSampleId :
SSTD02021

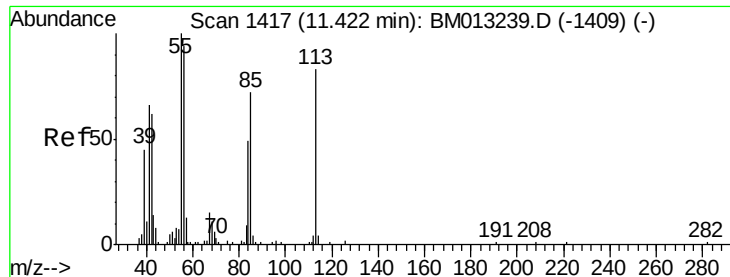
Tot Ion:127 Resp: 357828
Ion Ratio Lower Upper
127 100
129 30.6 28.4 42.6



#31
Hexachlorobutadiene
Concen: 19.030 ng/ul
RT: 10.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

Tgt Ion:225 Resp: 205920
Ion Ratio Lower Upper
225 100
223 62.2 49.4 74.2
227 59.3 45.4 68.2





#32

Caprolactam

Concen: 20.264 ng/ul

RT: 11.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

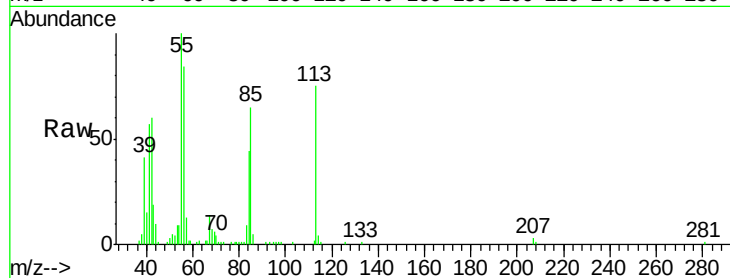
Tot Ion:113 Resp: 96745

Ion Ratio Lower Upper

113 100

55 133.7 208.0 312.0#

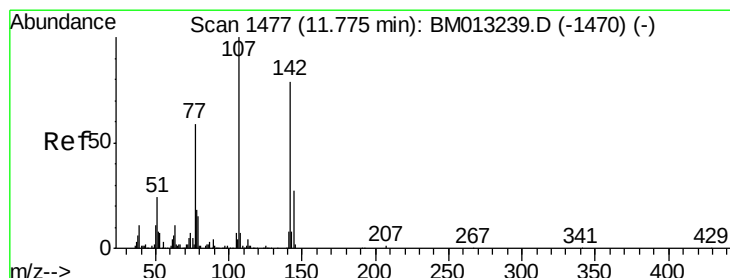
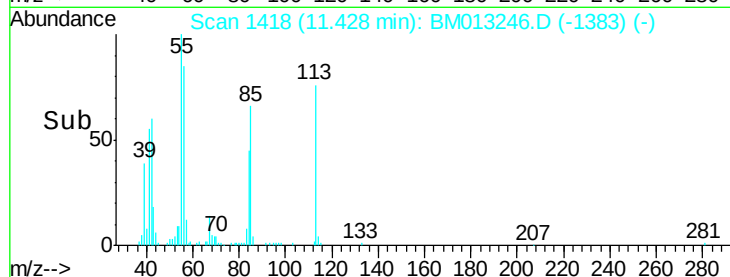
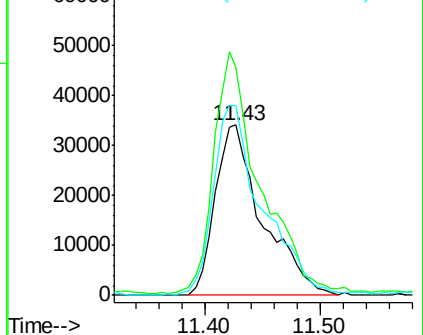
56 111.7 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.774 ng/ul

RT: 11.78 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

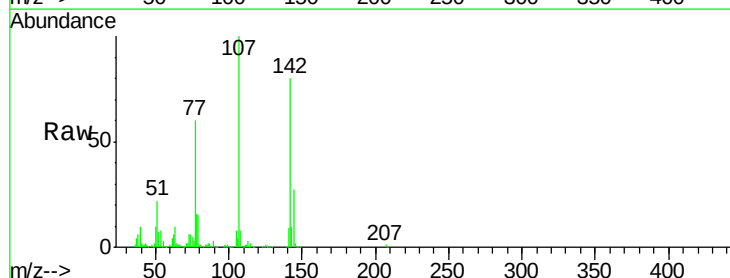
Tgt Ion:107 Resp: 324032

Ion Ratio Lower Upper

107 100

144 26.8 20.4 30.6

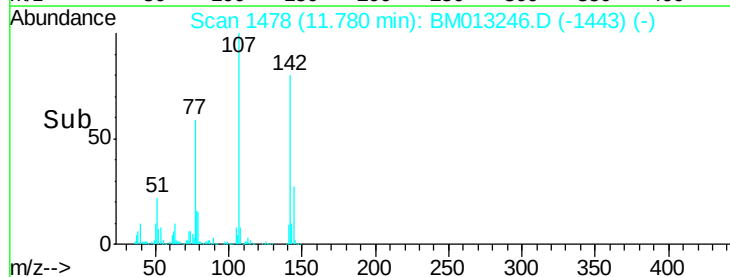
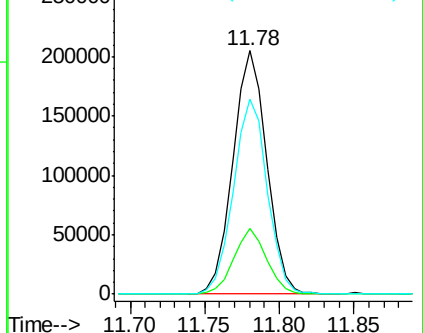
142 80.3 60.5 90.7

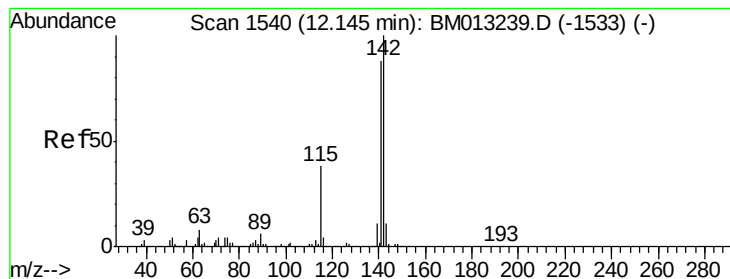


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.047 ng/ul

RT: 12.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

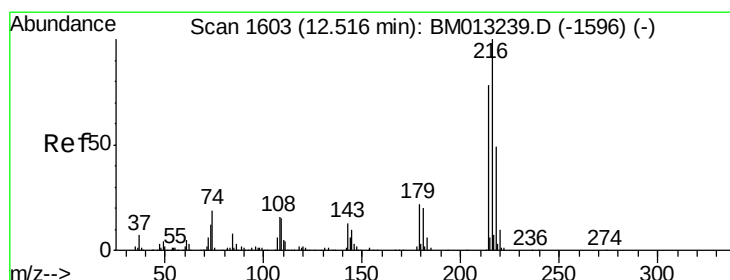
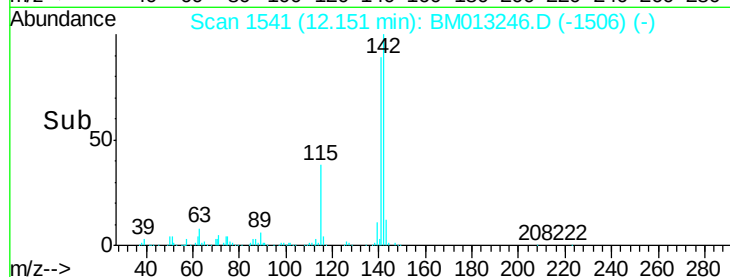
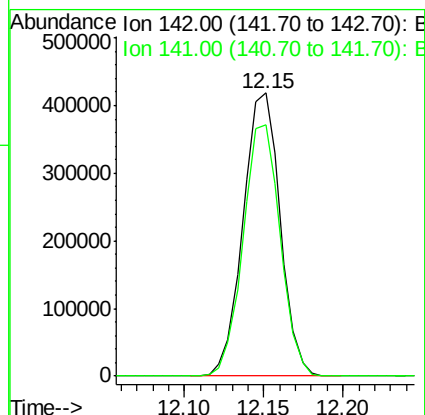
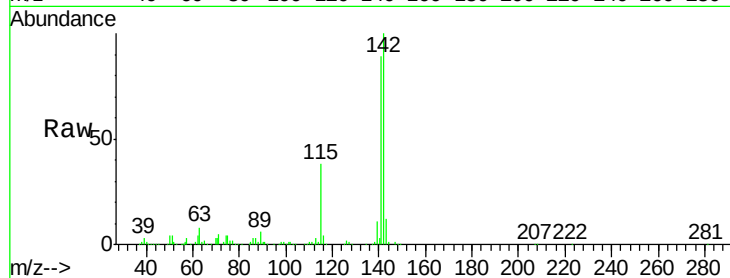
SSTD02021

Tot Ion:142 Resp: 681133

Ion Ratio Lower Upper

142 100

141 88.8 74.1 111.1



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.269 ng/ul

RT: 12.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Tgt Ion:216 Resp: 398085

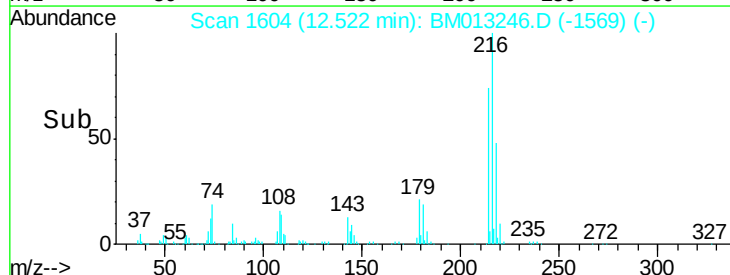
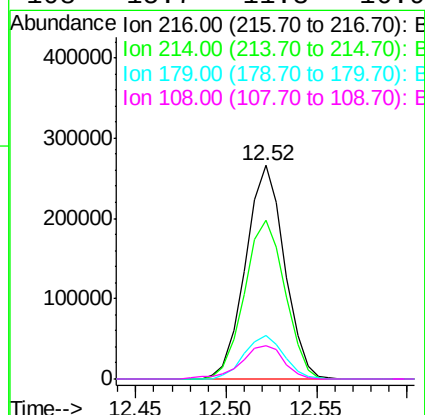
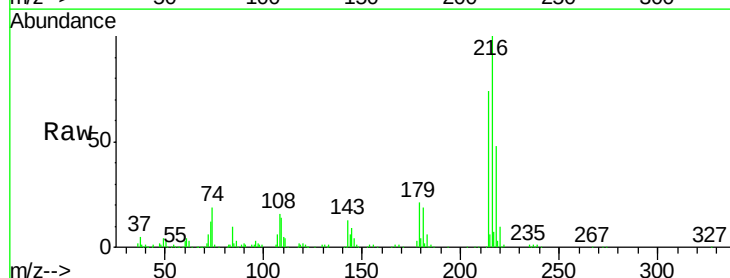
Ion Ratio Lower Upper

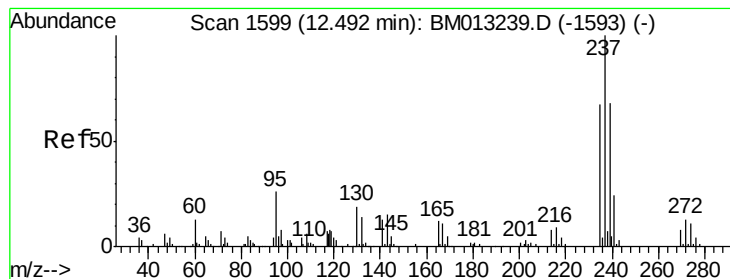
216 100

214 74.3 60.6 90.8

179 20.6 17.5 26.3

108 15.7 11.3 16.9





#37

Hexachlorocyclopentadiene

Concen: 12.094 ng/ul

RT: 12.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

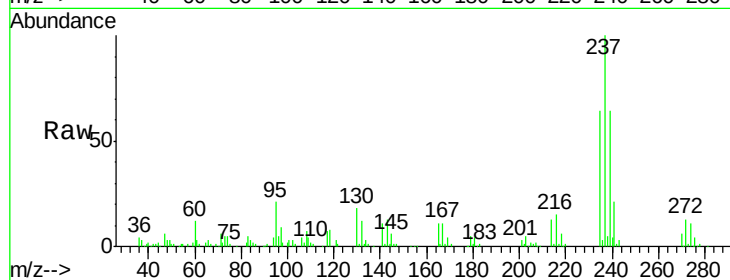
BNA_M

ClientSampleId :

SSTD02021

Tot Ion:237 Resp: 156344

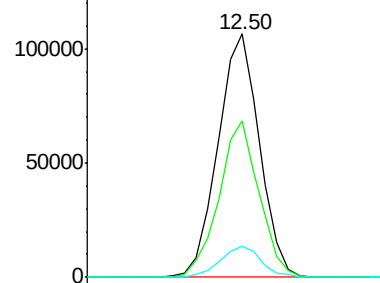
Ion	Ratio	Lower	Upper
237	100		
235	64.2	50.2	75.4
272	13.5	11.0	16.6



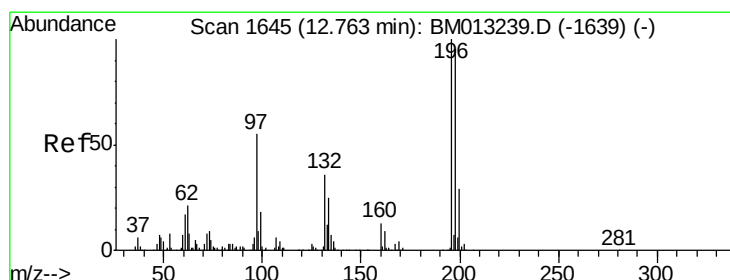
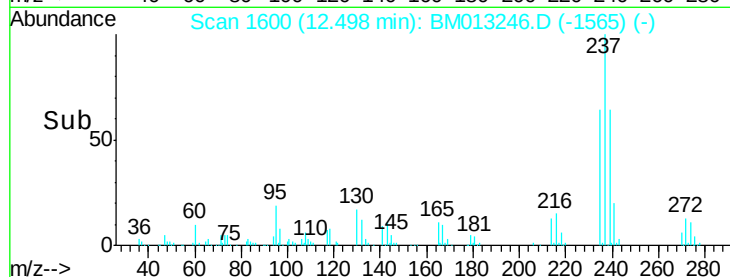
Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



Time-->



#38

2,4,6-Trichlorophenol

Concen: 21.306 ng/ul

RT: 12.77 min Scan# 1646

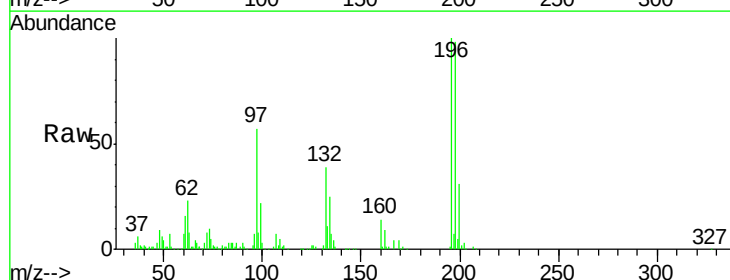
Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Tgt Ion:196 Resp: 260870

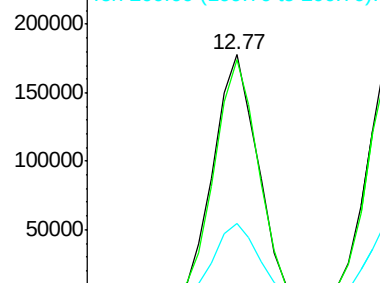
Ion	Ratio	Lower	Upper
196	100		
198	97.8	74.1	111.1
200	30.5	25.2	37.8



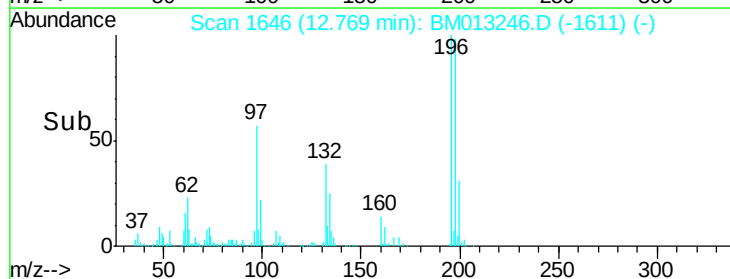
Abundance Ion 196.00 (195.70 to 196.70): E

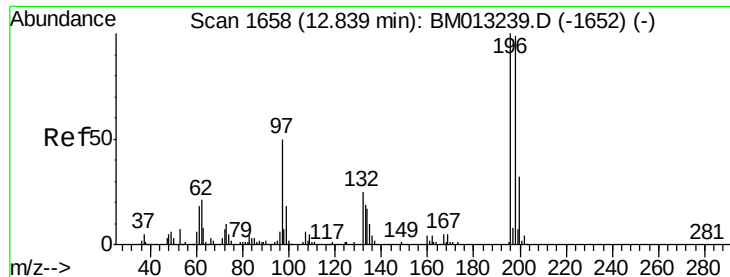
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



Time-->

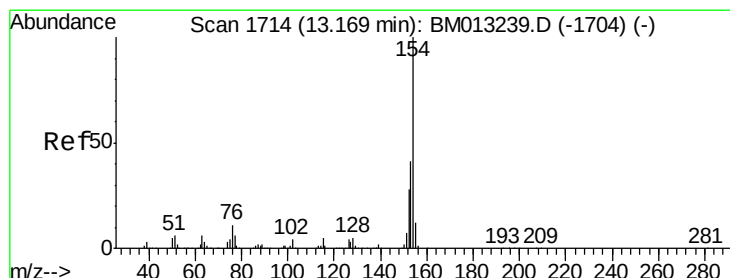
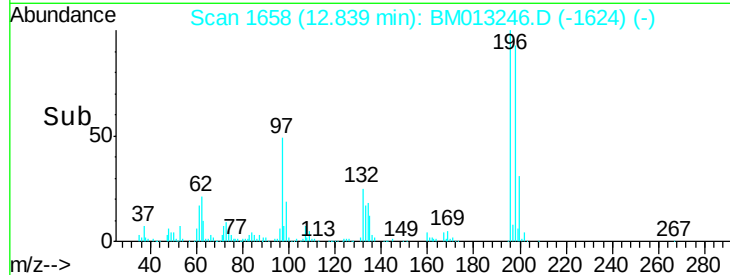
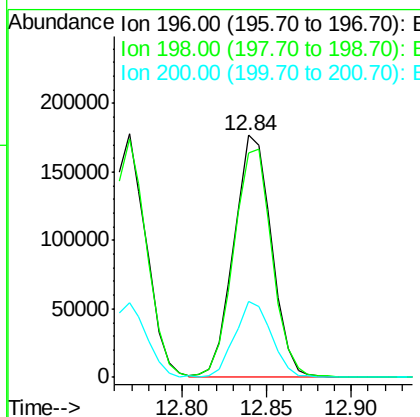
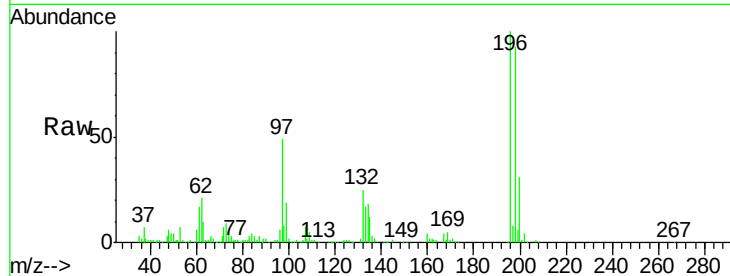




#39
 2,4,5-Trichlorophenol
 Concen: 21.032 ng/ul
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BM013246.D
 Acq: 07 Dec 2017 16:52

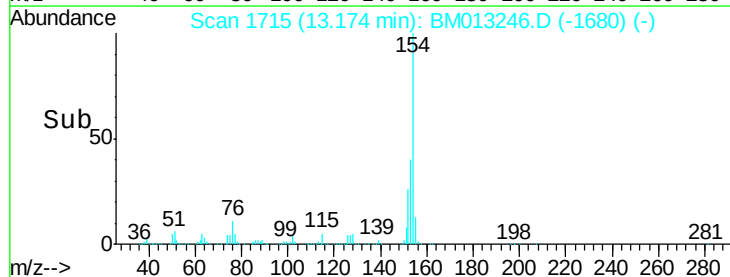
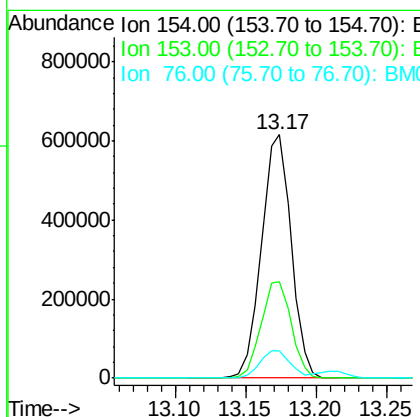
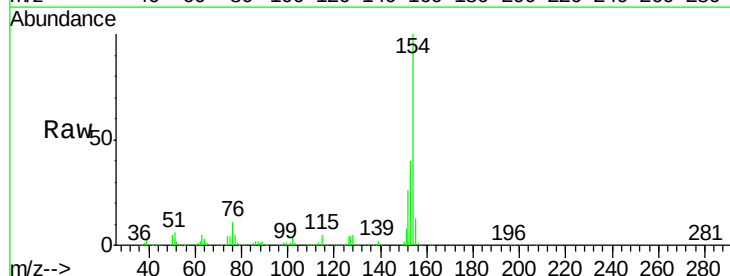
Instrument :
 BNA_M
 ClientSampleId :
 SST02021

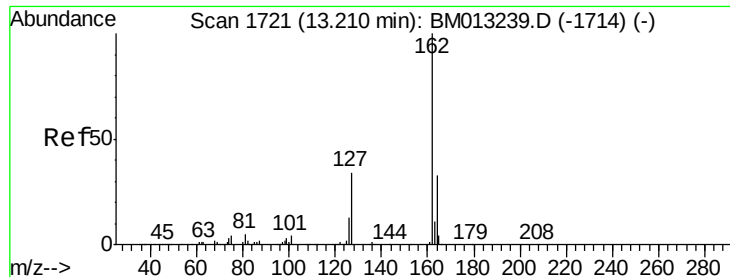
Tot Ion:196 Resp: 273545
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.6 113.4
 200 31.2 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 19.879 ng/ul
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BM013246.D
 Acq: 07 Dec 2017 16:52

Tgt Ion:154 Resp: 914470
 Ion Ratio Lower Upper
 154 100
 153 39.7 32.6 48.8
 76 11.1 8.5 12.7

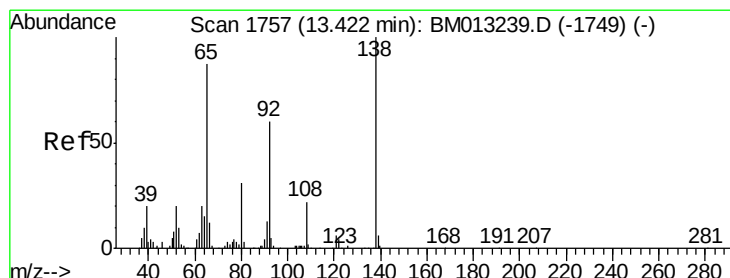
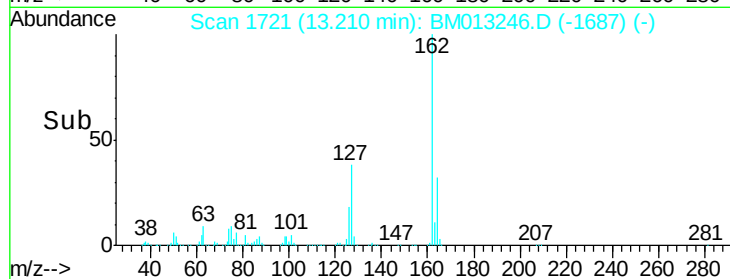
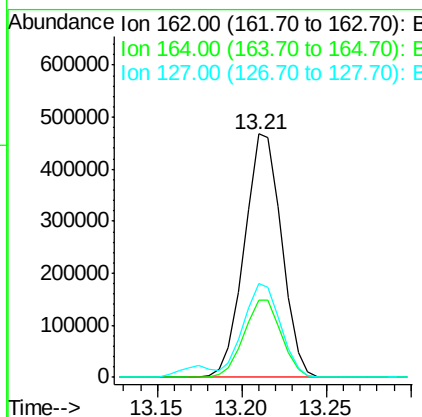
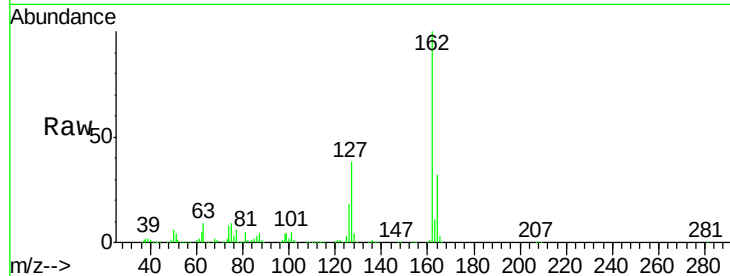




#41
2-Chloronaphthalene
Concen: 19.884 ng/ul
RT: 13.21 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

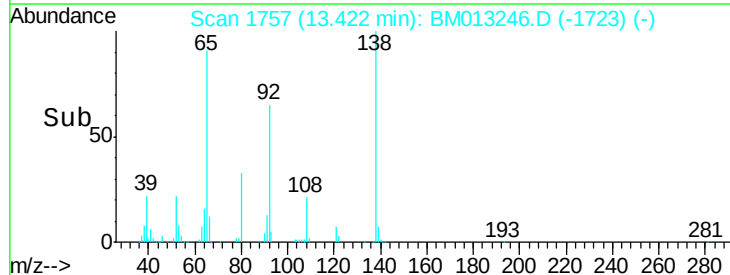
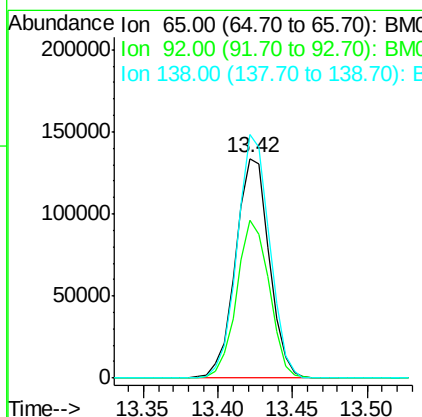
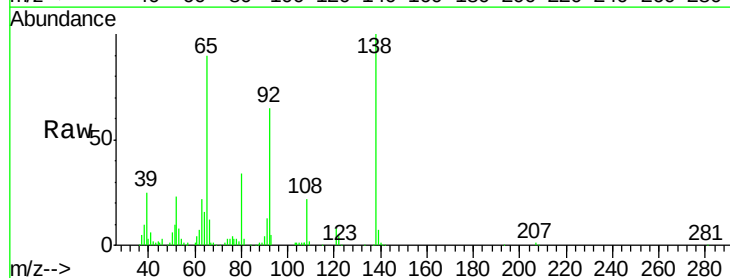
Instrument :
BNA_M
ClientSampleId :
SSTD02021

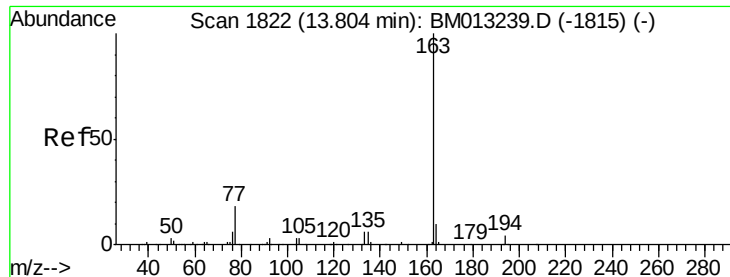
Tot Ion	Ratio	Lower	Upper
162	100		
164	31.9	25.9	38.9
127	38.4	29.4	44.2



#42
2-Nitroaniline
Concen: 19.899 ng/ul
RT: 13.42 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	51.8	77.6
138	110.9	74.2	111.4





#44

Dimethylphthalate

Concen: 19.502 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

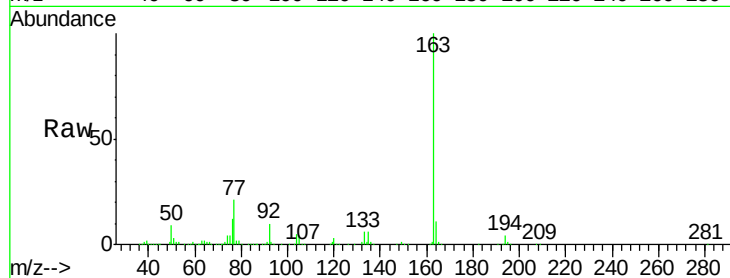
Tot Ion:163 Resp: 903440

Ion Ratio Lower Upper

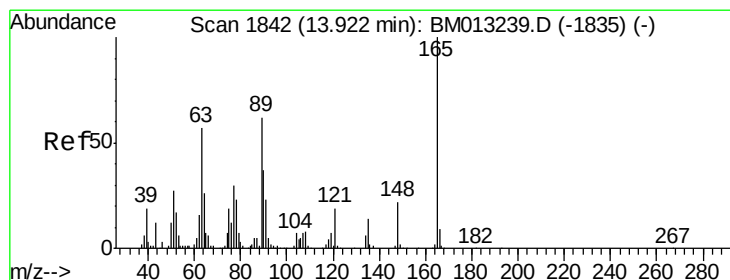
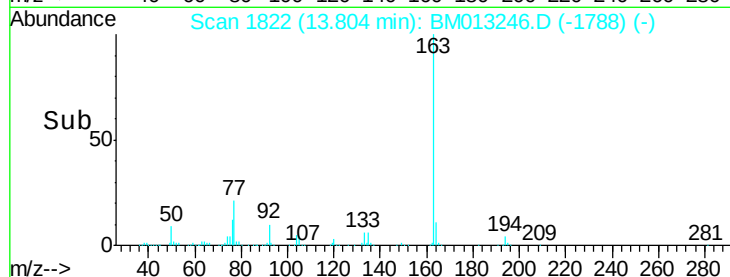
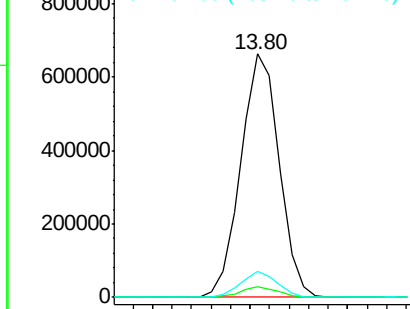
163 100

194 4.4 3.5 5.3

164 10.6 8.2 12.4



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



#45

2,6-Dinitrotoluene

Concen: 20.069 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

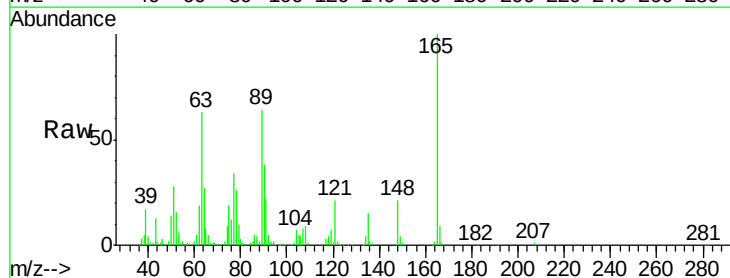
Tgt Ion:165 Resp: 189620

Ion Ratio Lower Upper

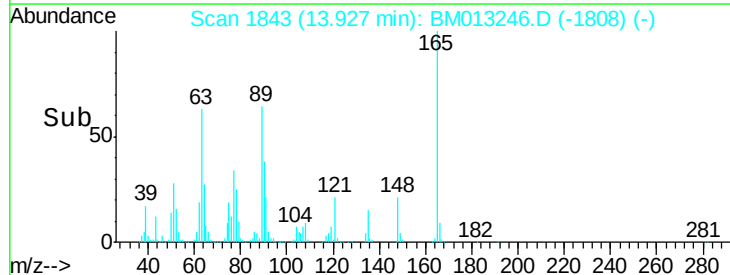
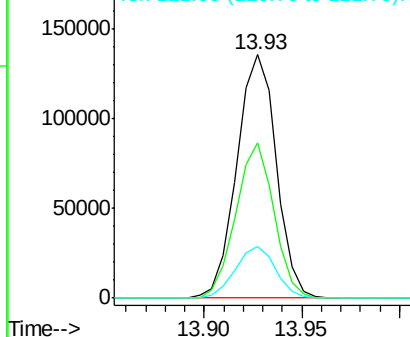
165 100

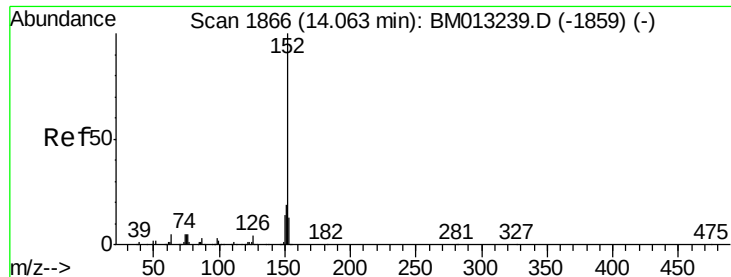
89 63.9 52.6 79.0

121 21.5 14.6 22.0



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





#47

Acenaphthylene

Concen: 19.820 ng/ul

RT: 14.06 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

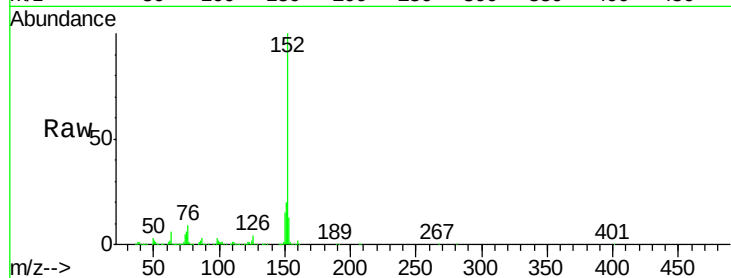
BNA_M

ClientSampleId :

SSTD02021

Tot Ion:152 Resp: 1096281

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.9	10.2	15.4

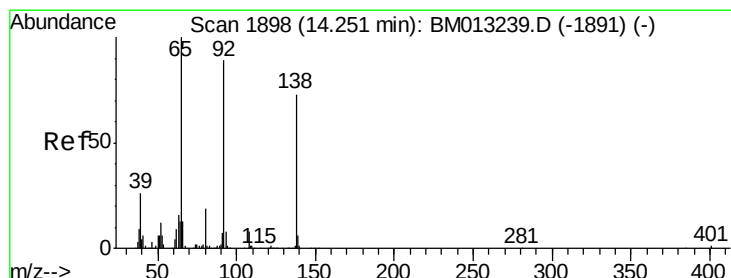
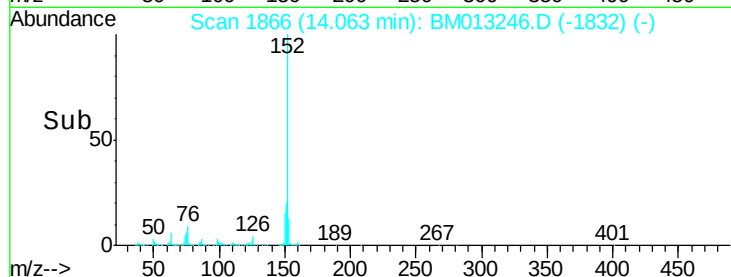
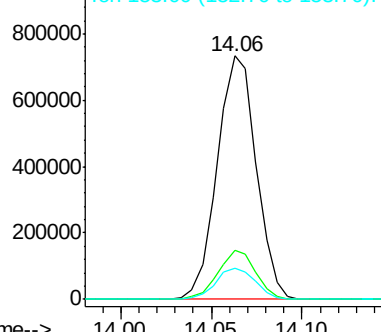


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 21.577 ng/ul

RT: 14.26 min Scan# 1899

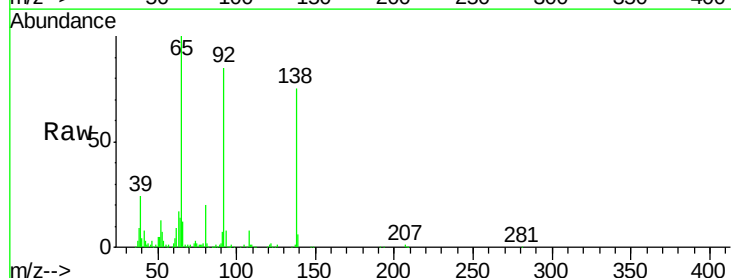
Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Tgt Ion:138 Resp: 182224

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.9	14.9
92	113.7	105.0	157.4

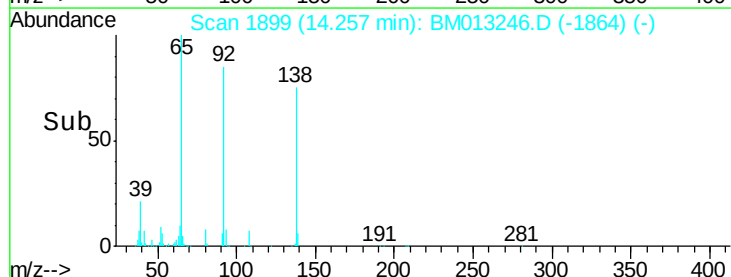
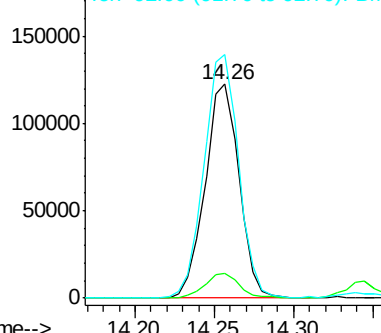


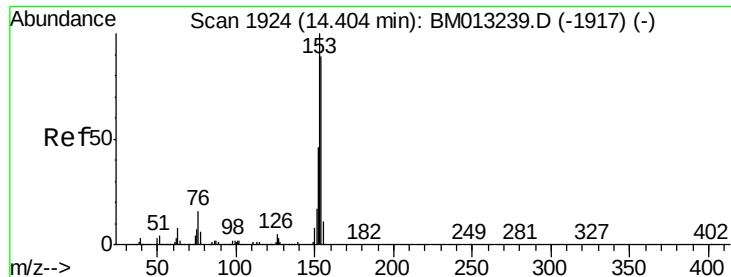
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.536 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

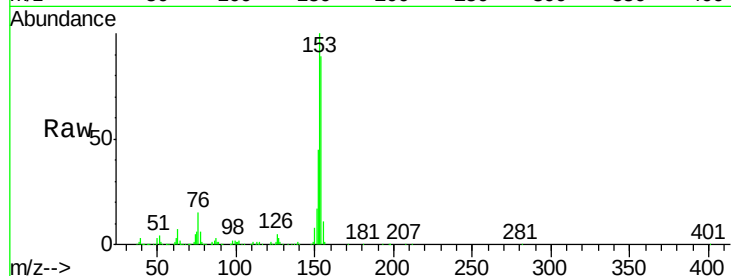
Tot Ion:153 Resp: 736100

Ion Ratio Lower Upper

153 100

152 44.5 37.6 56.4

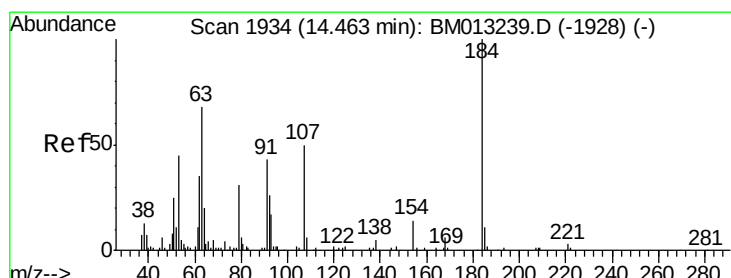
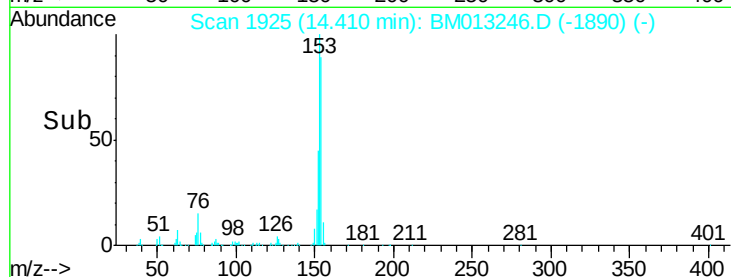
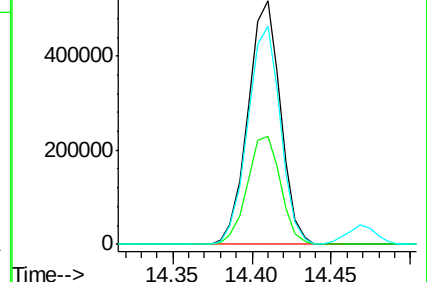
154 89.4 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 15.516 ng/ul

RT: 14.47 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

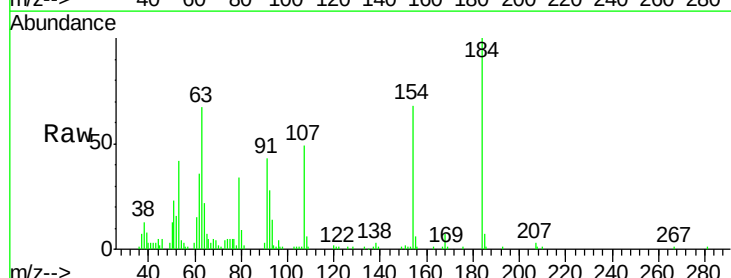
Tgt Ion:184 Resp: 81125

Ion Ratio Lower Upper

184 100

63 67.1 50.1 75.1

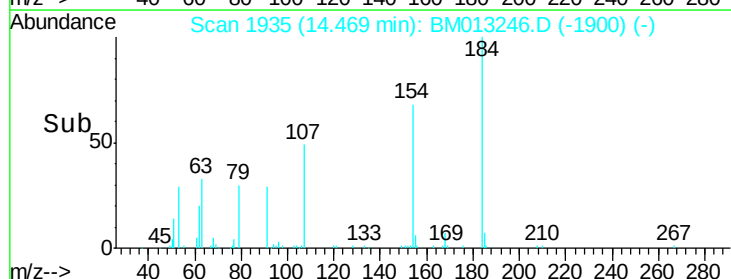
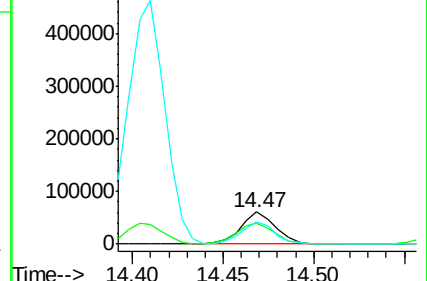
154 67.9 54.5 81.7

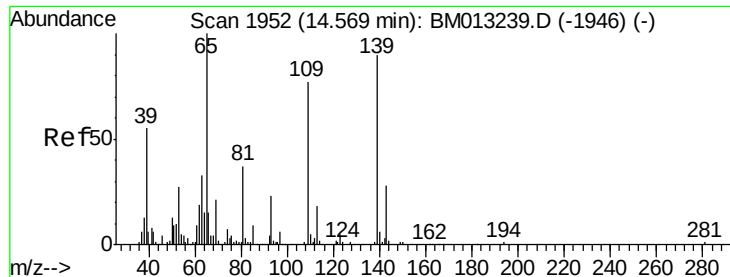


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 16.943 ng/ul

RT: 14.57 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

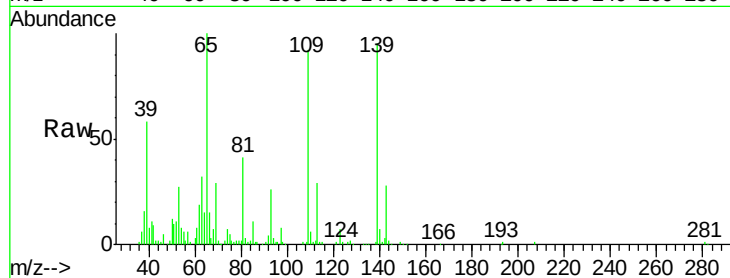
Tot Ion:109 Resp: 139878

Ion Ratio Lower Upper

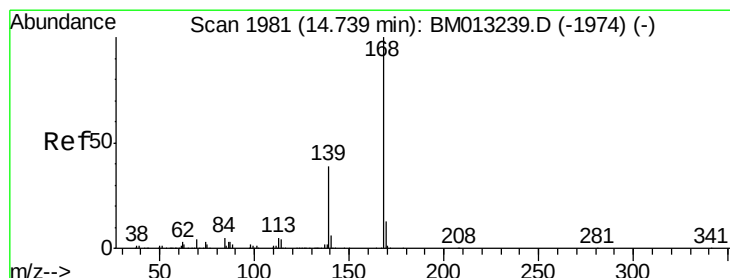
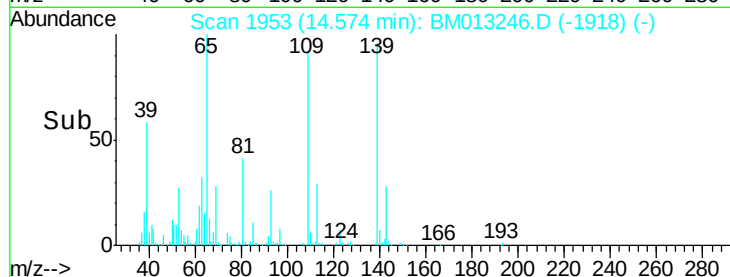
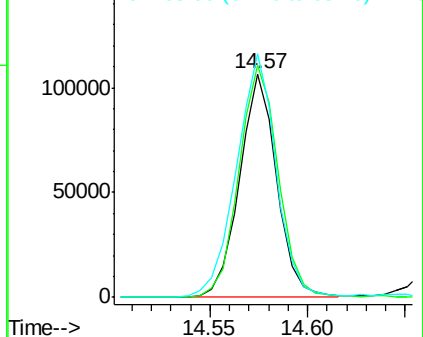
109 100

139 103.7 80.0 120.0

65 109.1 120.0 180.0#



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM0



#53

Dibenzofuran

Concen: 18.776 ng/ul

RT: 14.74 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM013246.D

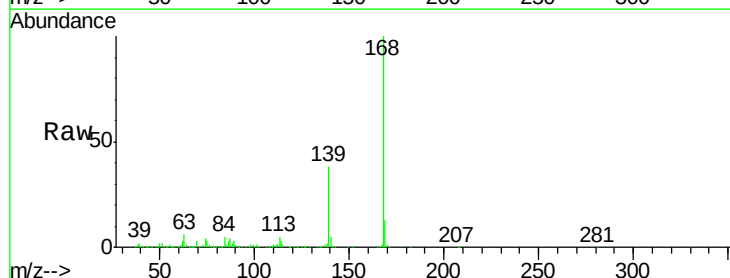
Acq: 07 Dec 2017 16:52

Tgt Ion:168 Resp: 1044395

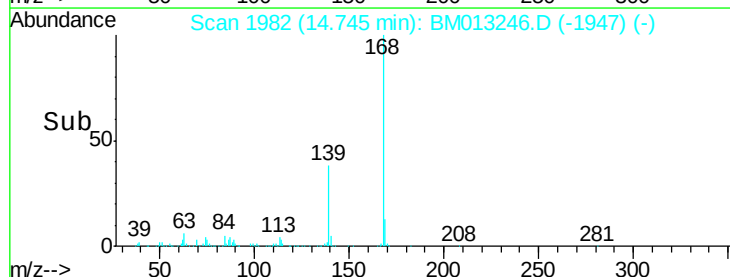
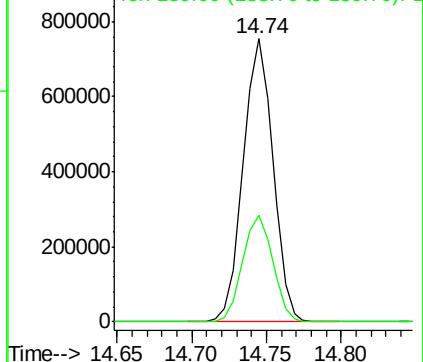
Ion Ratio Lower Upper

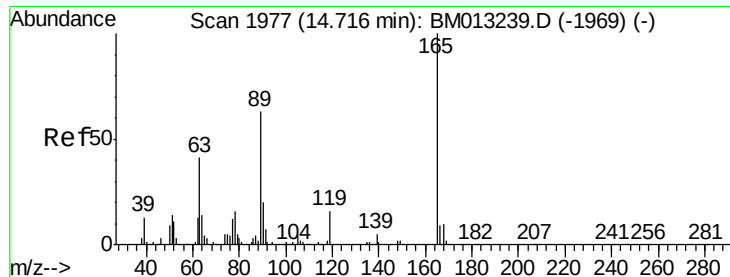
168 100

139 37.6 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 19.000 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

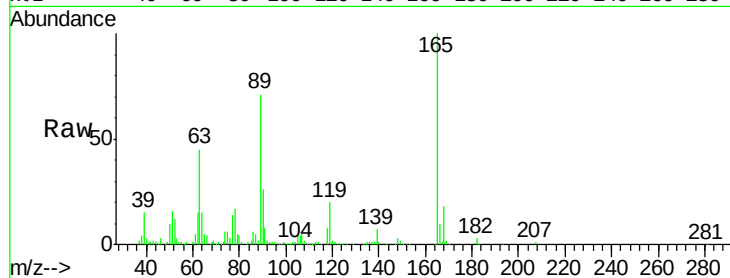
Tot Ion:165 Resp: 261142

Ion Ratio Lower Upper

165 100

63 44.8 45.8 68.8#

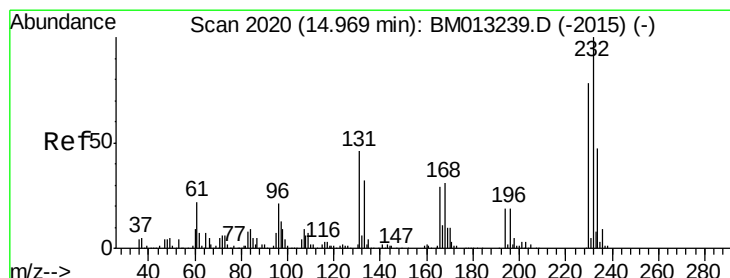
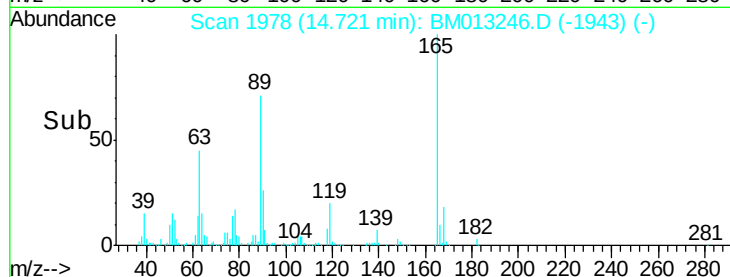
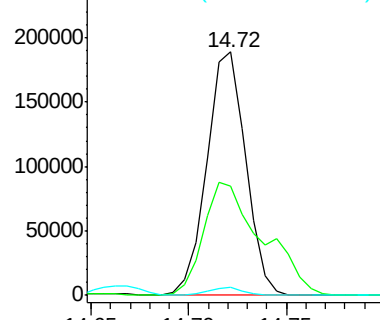
182 3.5 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.368 ng/ul

RT: 14.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Tgt Ion:232 Resp: 230968

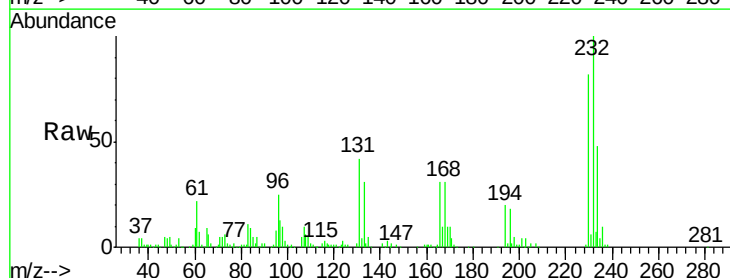
Ion Ratio Lower Upper

232 100

131 42.2 29.0 43.4

130 1.9 2.0 3.0#

166 31.1 21.4 32.2

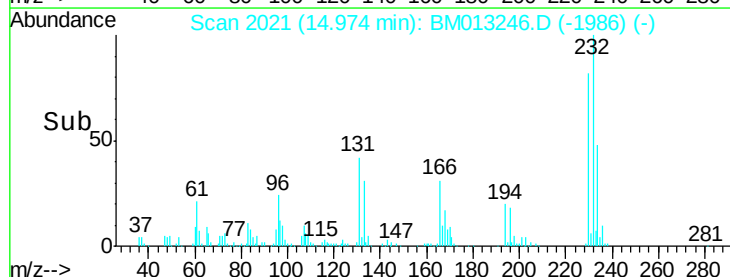
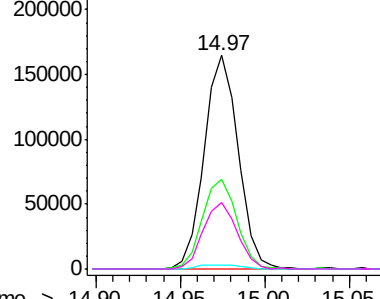


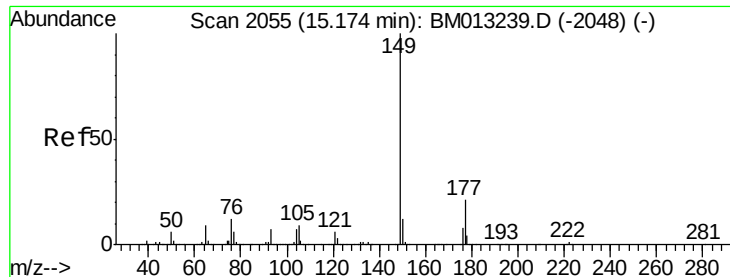
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

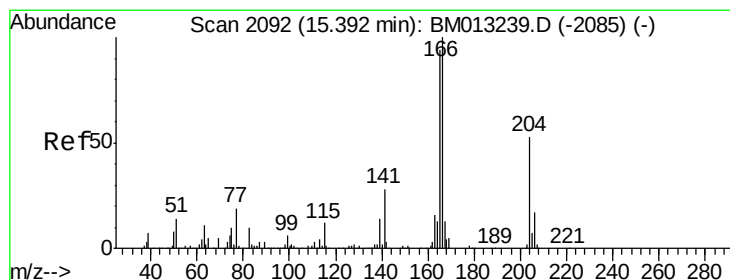
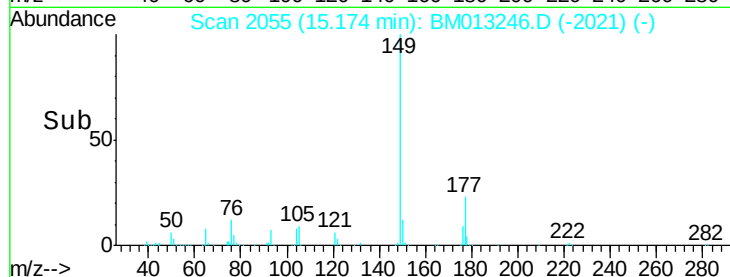
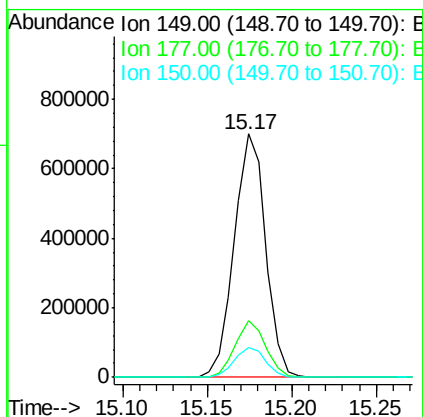
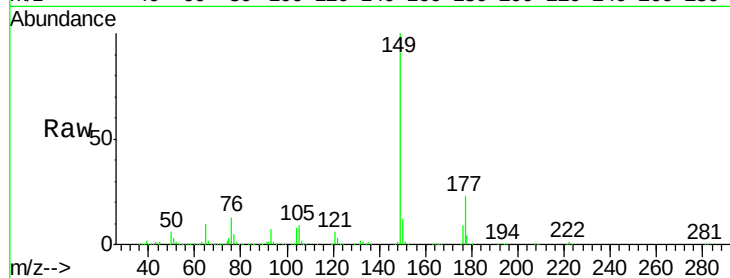




#56
Diethylphthalate
Concen: 19.505 ng/ul
RT: 15.17 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

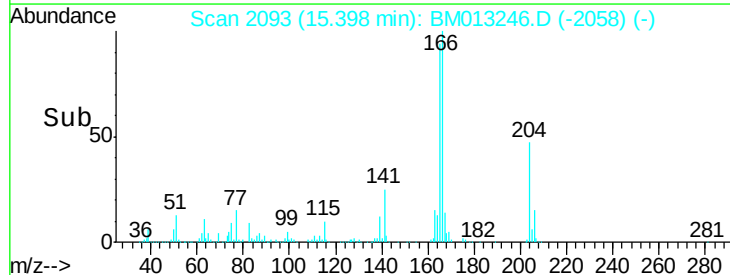
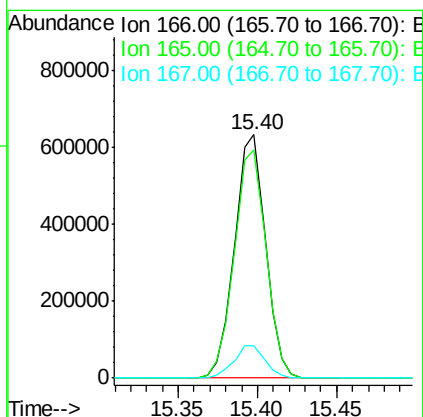
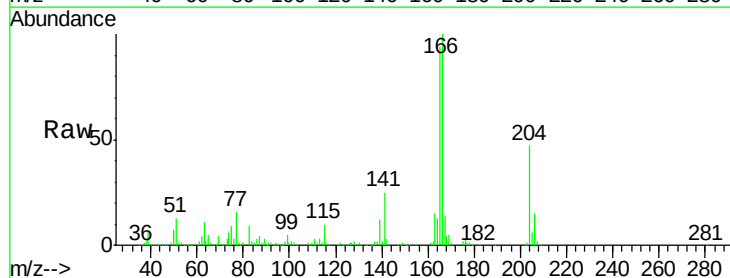
Instrument :
BNA_M
ClientSampleId :
SSTD02021

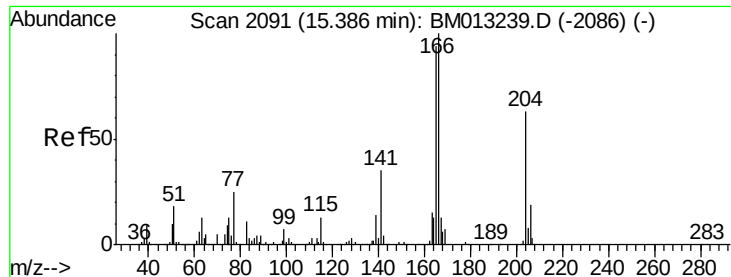
Tot Ion:149 Resp: 906258
Ion Ratio Lower Upper
149 100
177 23.1 20.5 30.7
150 12.3 10.6 15.8



#58
Fluorene
Concen: 18.680 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

Tgt Ion:166 Resp: 859595
Ion Ratio Lower Upper
166 100
165 93.9 77.9 116.9
167 13.6 10.6 16.0

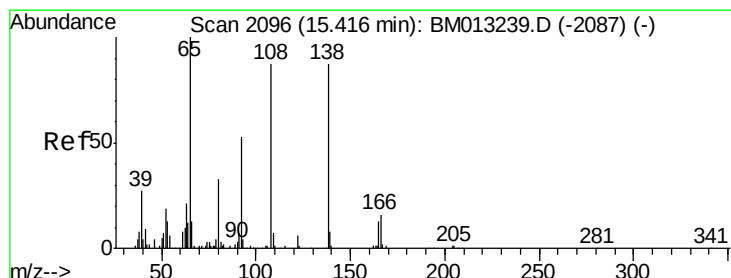
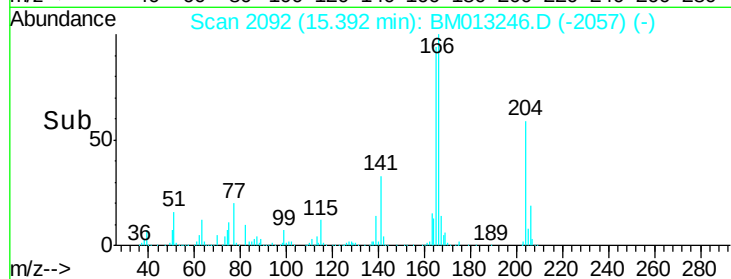
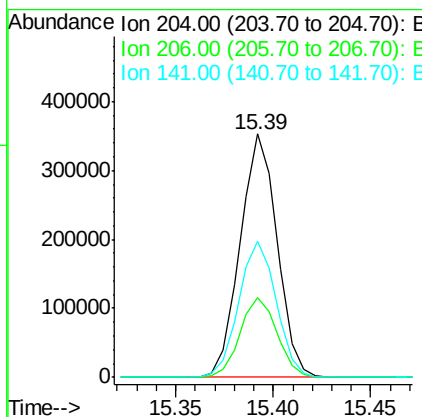
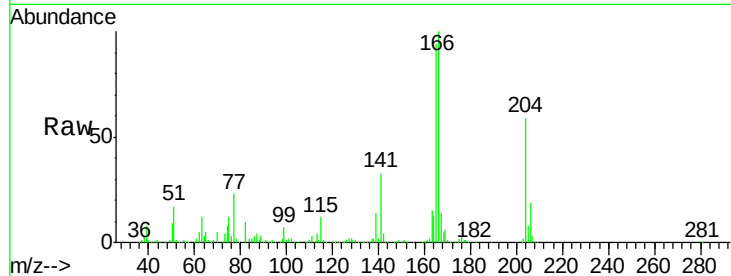




#59
4-Chlorophenyl-phenylether
Concen: 18.570 ng/ul
RT: 15.39 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

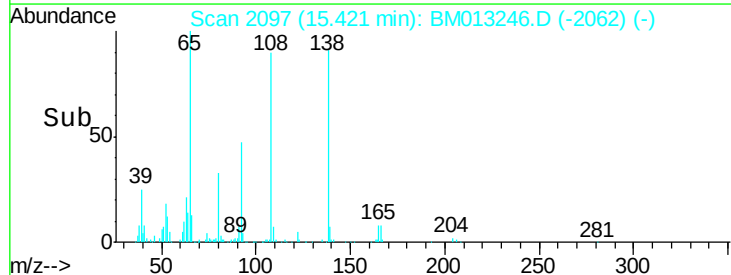
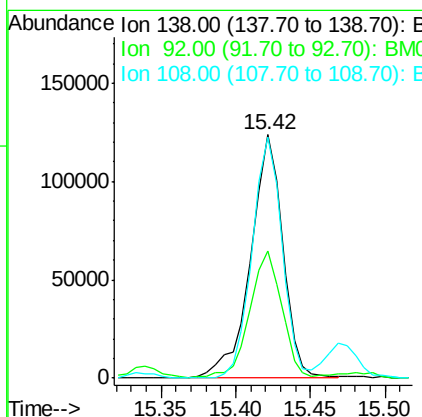
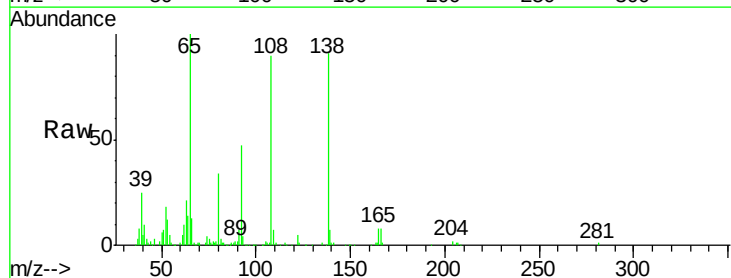
Instrument :
BNA_M
ClientSampleId :
SSTD02021

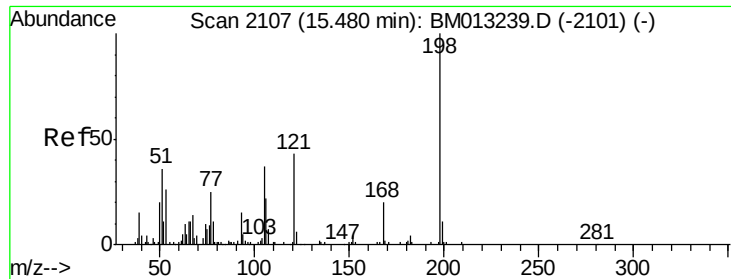
Tot Ion:204 Resp: 463811
Ion Ratio Lower Upper
204 100
206 32.5 24.8 37.2
141 55.9 44.3 66.5



#60
4-Nitroaniline
Concen: 18.563 ng/ul
RT: 15.42 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

Tgt Ion:138 Resp: 184961
Ion Ratio Lower Upper
138 100
92 52.2 40.0 60.0
108 98.8 80.0 120.0

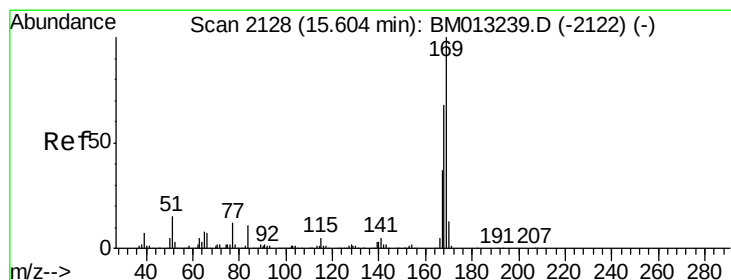
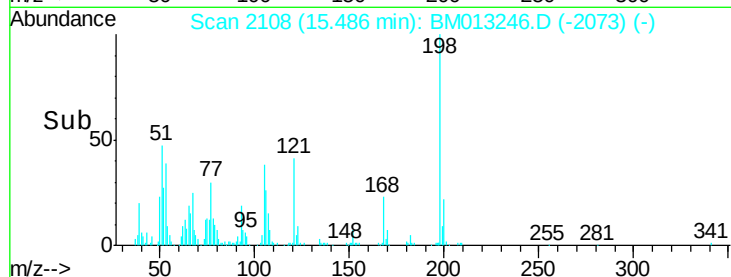
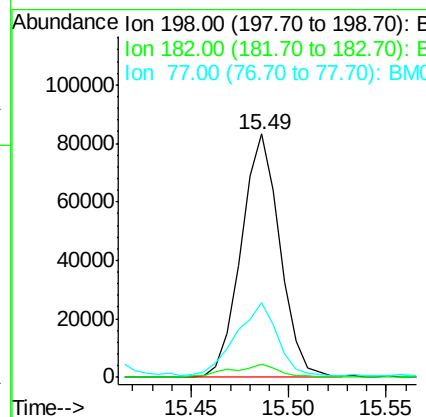
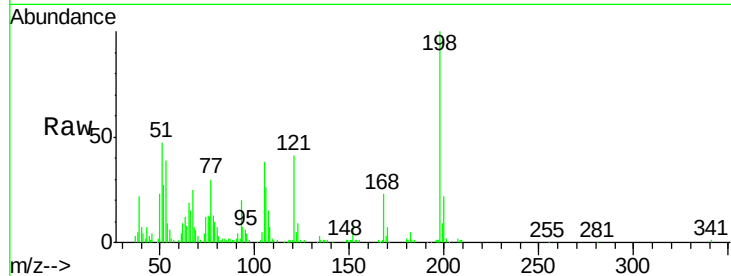




#63
4,6-Dinitro-2-methylphenol
Concen: 15.725 ng/ul
RT: 15.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

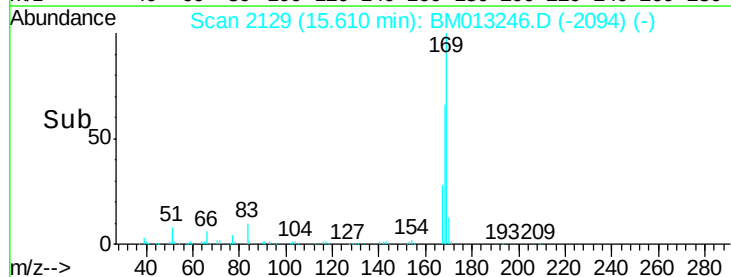
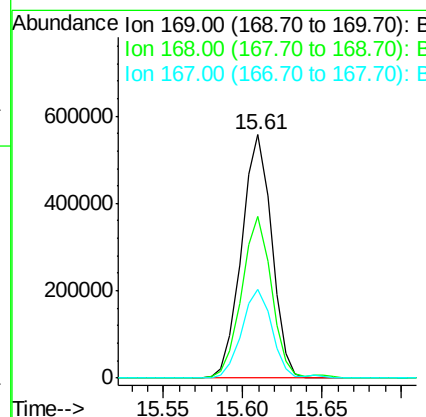
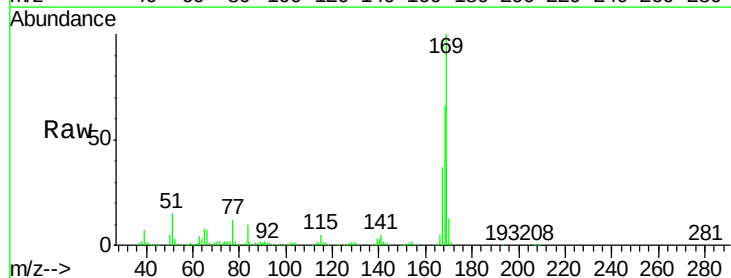
Instrument :
BNA_M
ClientSampleId :
SSTD02021

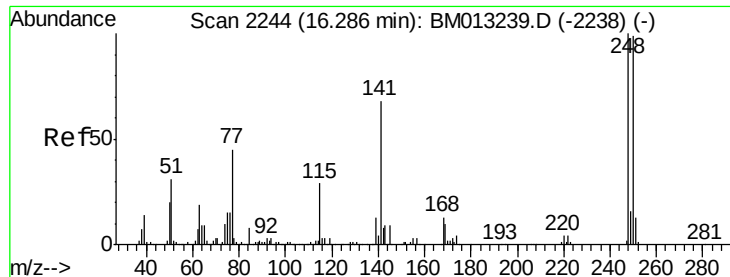
Tot Ion:198 Resp: 114548
Ion Ratio Lower Upper
198 100
182 5.3 3.8 5.6
77 30.4 25.2 37.8



#64
N-Nitrosodiphenylamine
Concen: 21.542 ng/ul
RT: 15.61 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

Tgt Ion:169 Resp: 735335
Ion Ratio Lower Upper
169 100
168 66.5 54.0 81.0
167 36.7 29.1 43.7

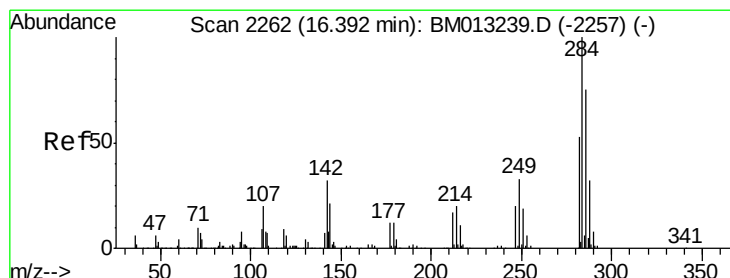
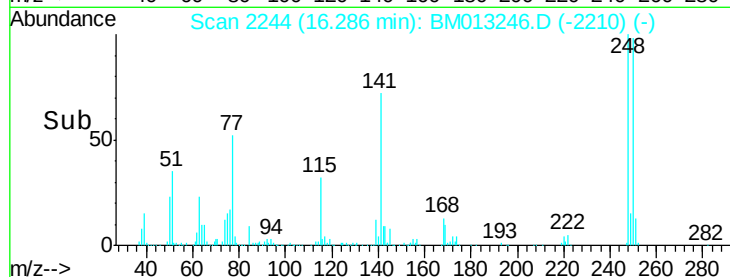
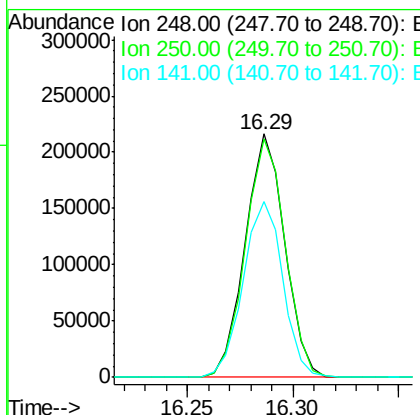
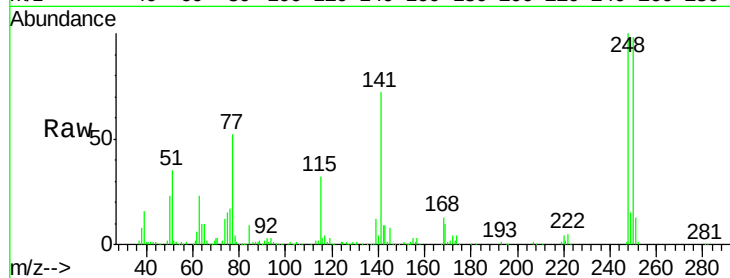




#65
4-Bromophenyl-phenylether
Concen: 20.690 ng/ul
RT: 16.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

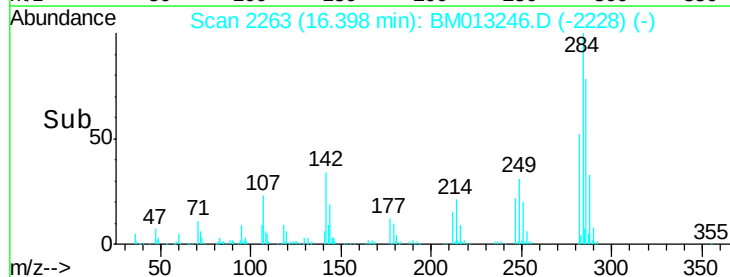
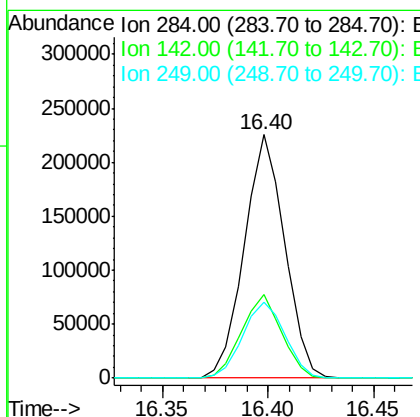
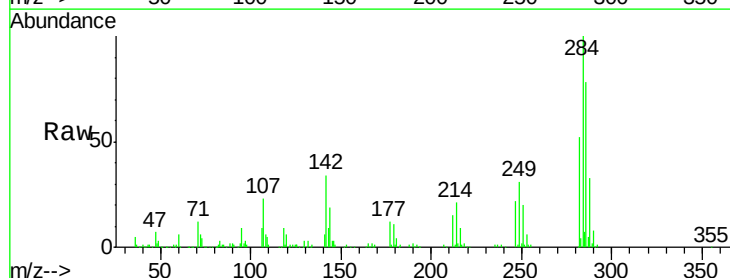
Instrument :
BNA_M
ClientSampleId :
SSTD02021

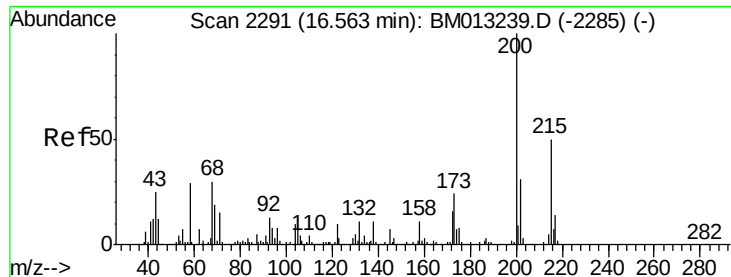
Tot Ion:248 Resp: 281840
Ion Ratio Lower Upper
248 100
250 98.2 80.5 120.7
141 72.3 53.6 80.4



#66
Hexachlorobenzene
Concen: 20.031 ng/ul
RT: 16.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

Tgt Ion:284 Resp: 300908
Ion Ratio Lower Upper
284 100
142 34.2 21.2 31.8#
249 31.2 24.5 36.7

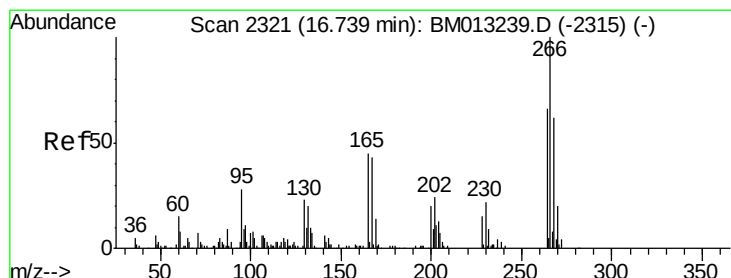
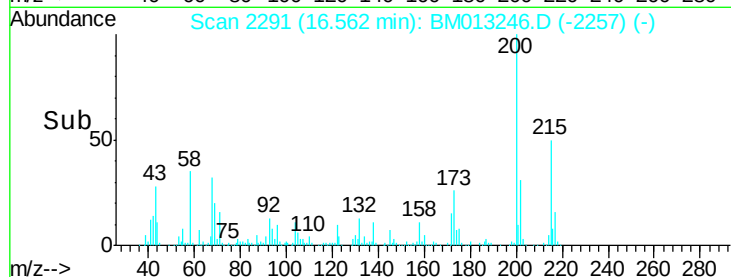
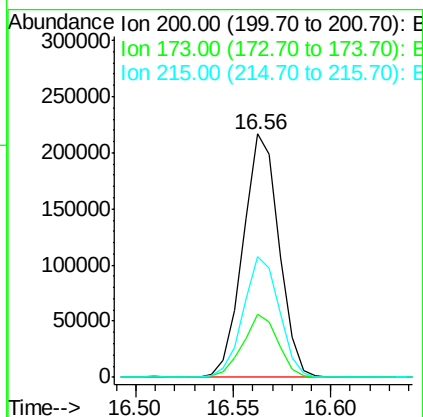
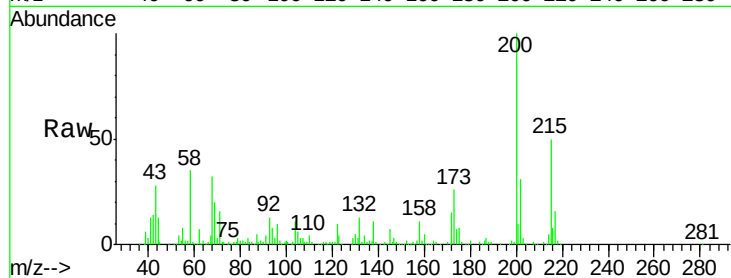




#67
Atrazine
Concen: 21.991 ng/ul
RT: 16.56 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

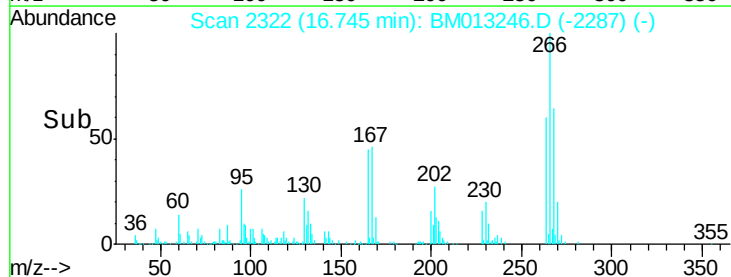
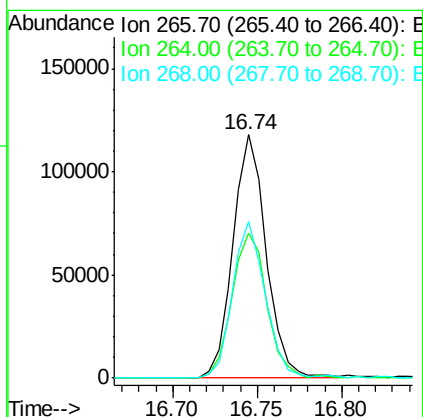
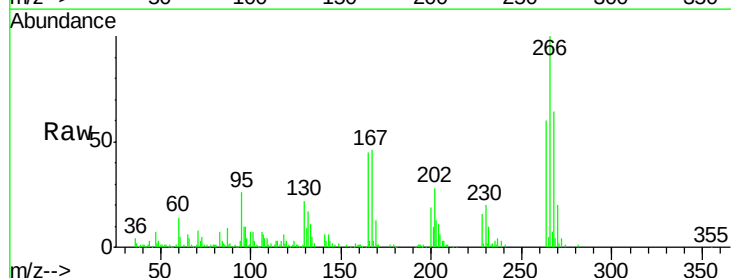
Instrument :
BNA_M
ClientSampleId :
SSTD02021

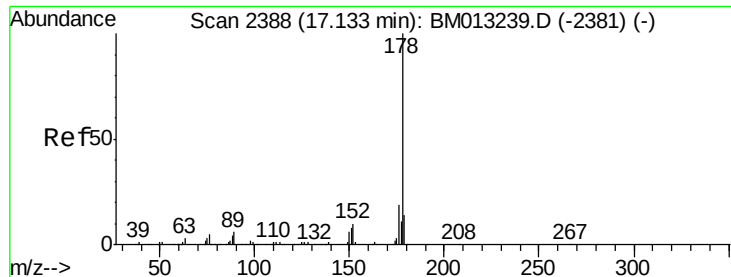
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	18.2	27.2
215	49.6	35.0	52.4



#68
Pentachlorophenol
Concen: 18.597 ng/ul
RT: 16.74 min Scan# 2322
Delta R.T. 0.01 min
Lab File: BM013246.D
Acq: 07 Dec 2017 16:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.8	49.3	73.9
268	64.3	52.6	78.8





#69

Phenanthrene

Concen: 19.164 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

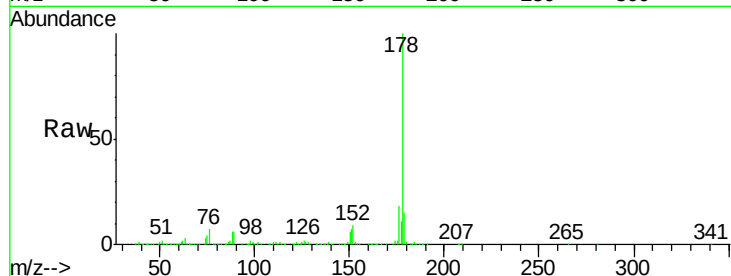
Tot Ion:178 Resp: 1261601

Ion Ratio Lower Upper

178 100

179 14.9 12.6 19.0

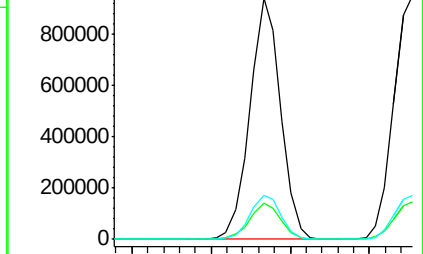
176 17.9 14.9 22.3



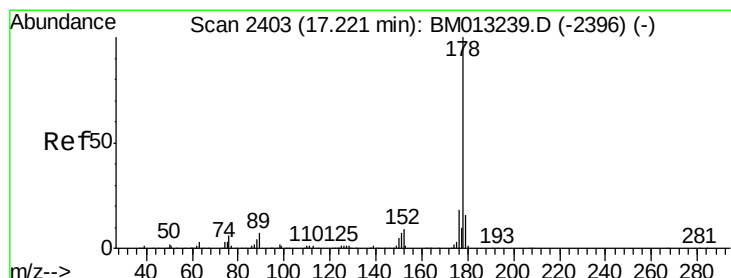
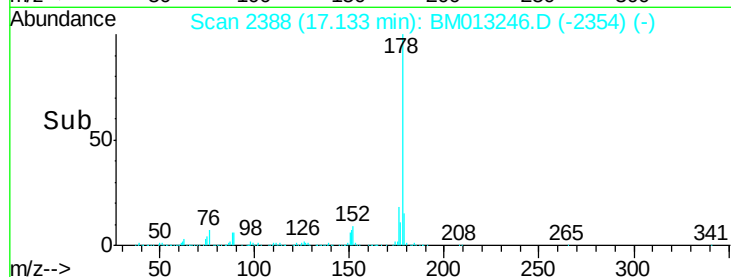
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 19.265 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

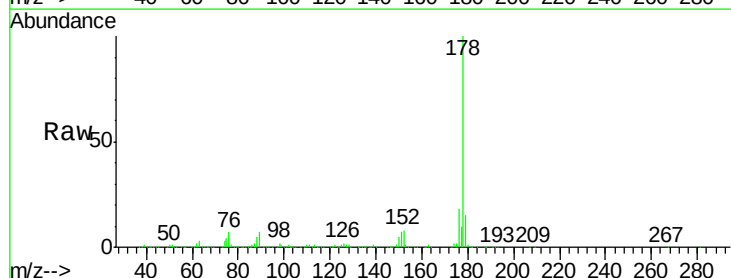
Tgt Ion:178 Resp: 1296391

Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

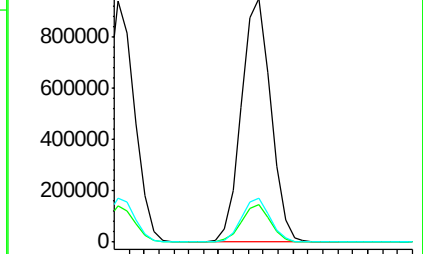
176 18.3 14.6 21.8



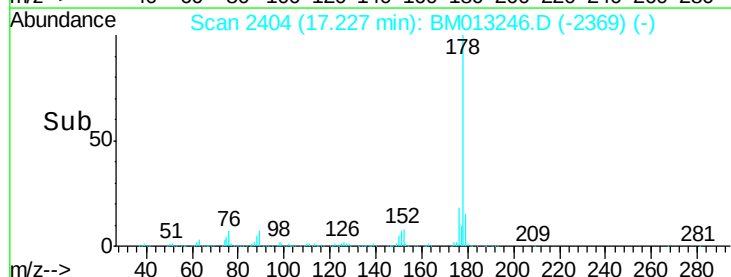
Abundance Ion 178.00 (177.70 to 178.70): E

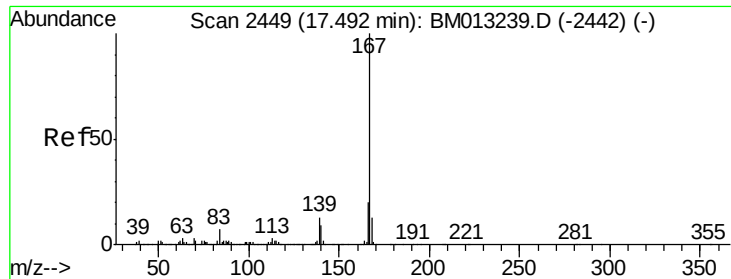
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->

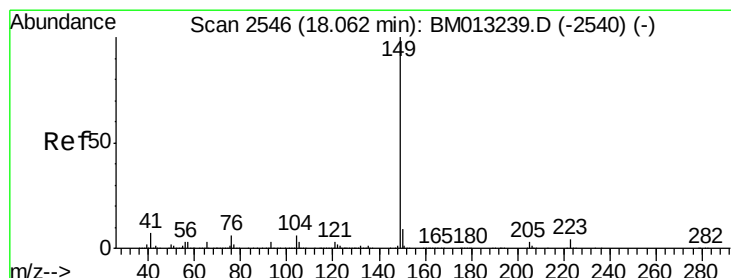
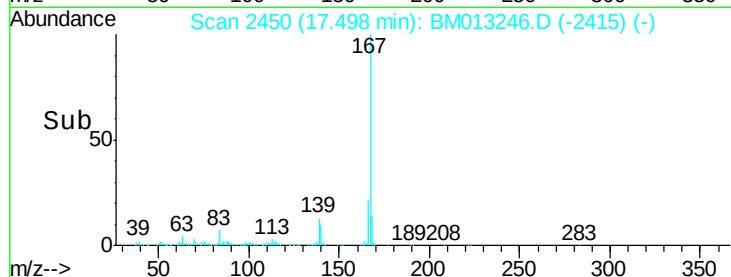
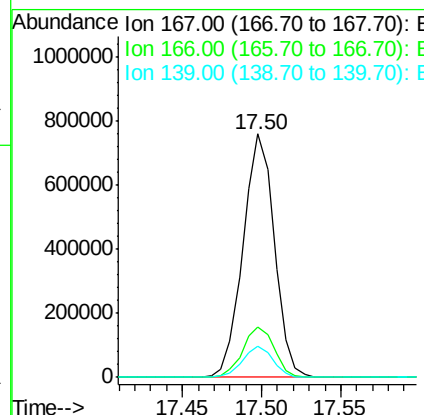
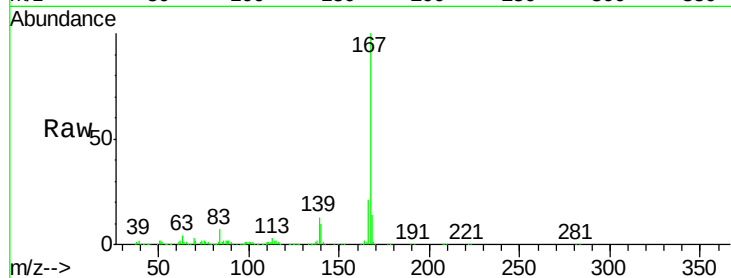




#72
 Carbazole
 Concen: 18.014 ng/ul
 RT: 17.50 min Scan# 2450
 Delta R.T. 0.01 min
 Lab File: BM013246.D
 Acq: 07 Dec 2017 16:52

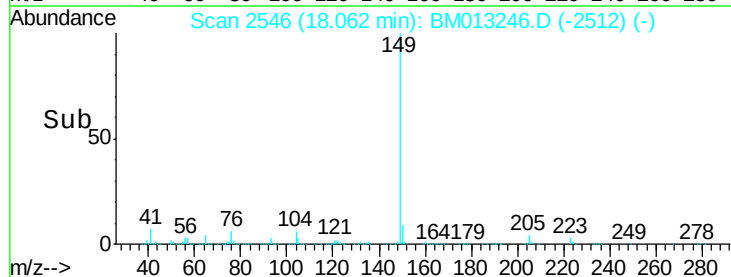
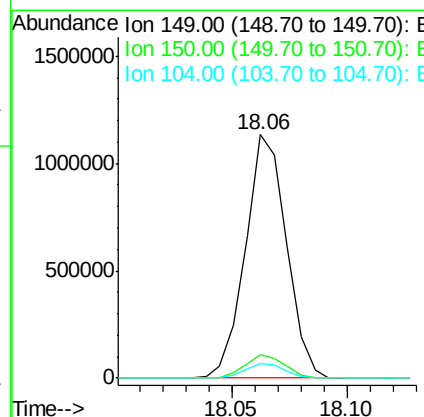
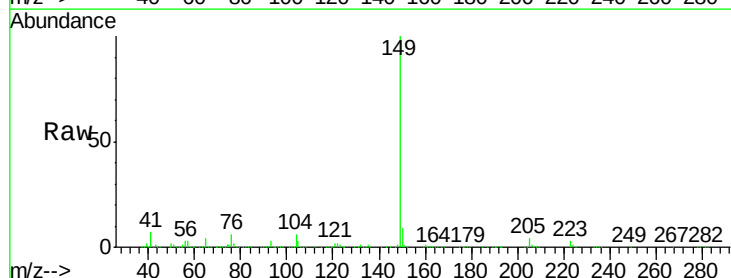
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02021

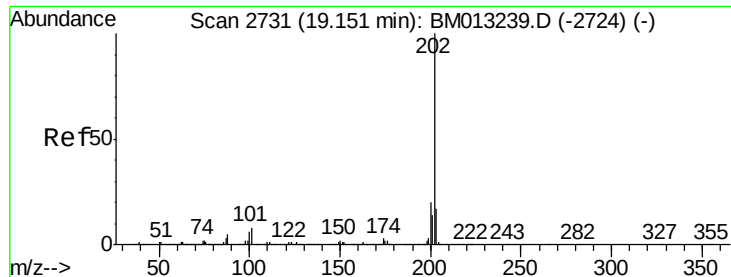
Tot Ion:167 Resp: 1042633
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.1 25.7
 139 12.6 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 20.772 ng/ul
 RT: 18.06 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BM013246.D
 Acq: 07 Dec 2017 16:52

Tgt Ion:149 Resp: 1403539
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.1 10.7
 104 5.9 5.6 8.4





#74

Fluoranthene

Concen: 15.847 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. -0.00 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

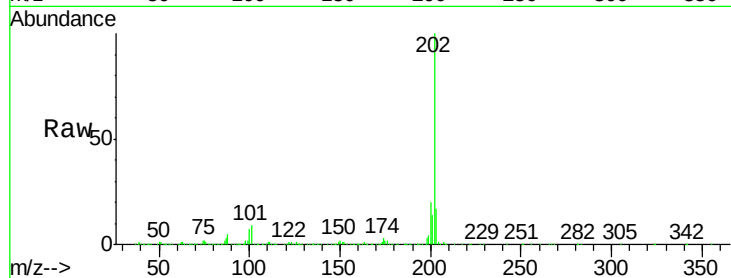
Tot Ion:202 Resp: 1278457

Ion Ratio Lower Upper

202 100

101 9.0 4.6 7.0#

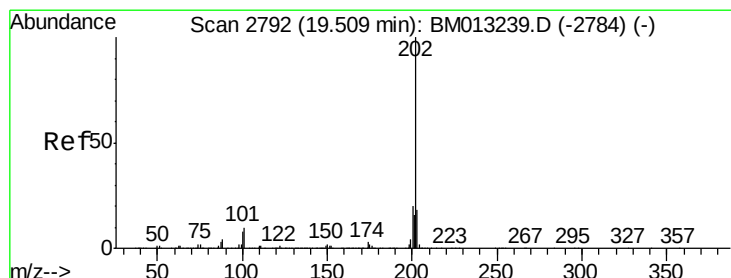
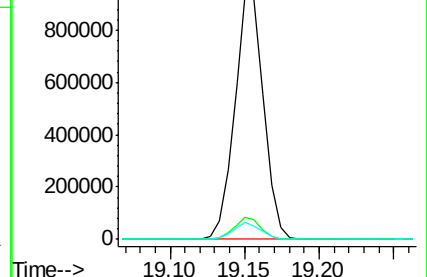
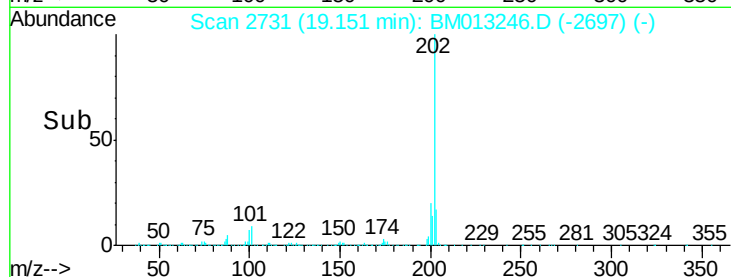
100 7.1 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 25.881 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

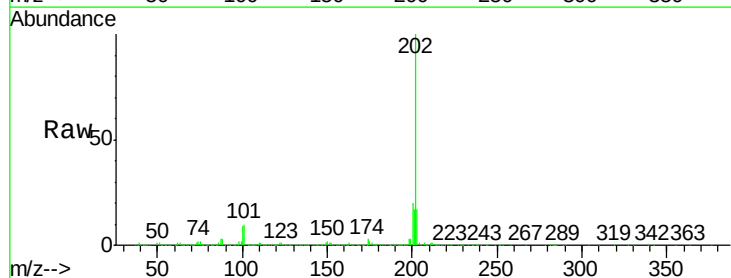
Tgt Ion:202 Resp: 1208604

Ion Ratio Lower Upper

202 100

101 10.2 5.1 7.7#

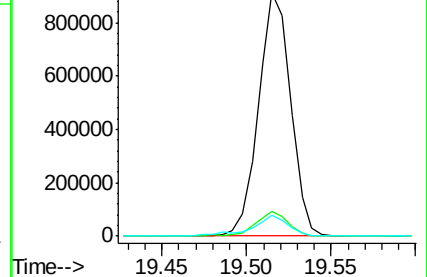
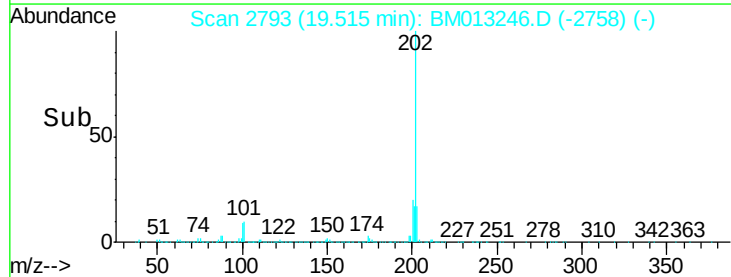
100 8.7 4.9 7.3#

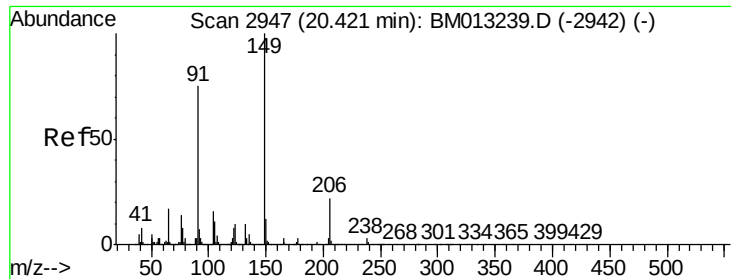


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

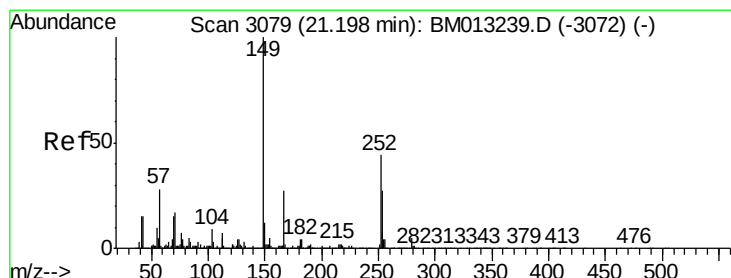
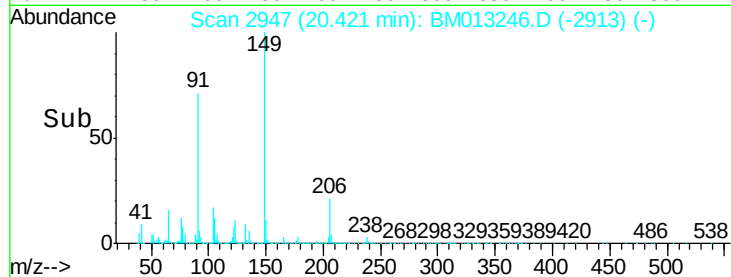
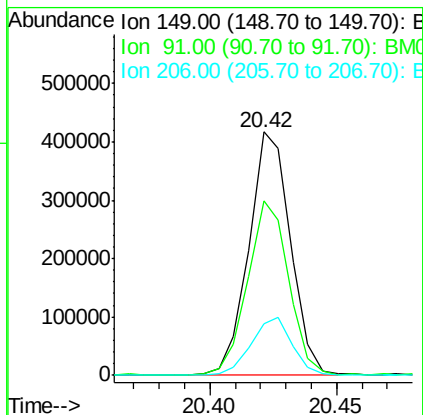
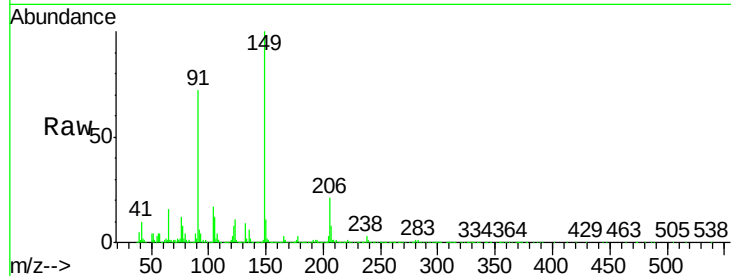




#78
 Butylbenzylphthalate
 Concen: 25.923 ng/ul
 RT: 20.42 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BM013246.D
 Acq: 07 Dec 2017 16:52

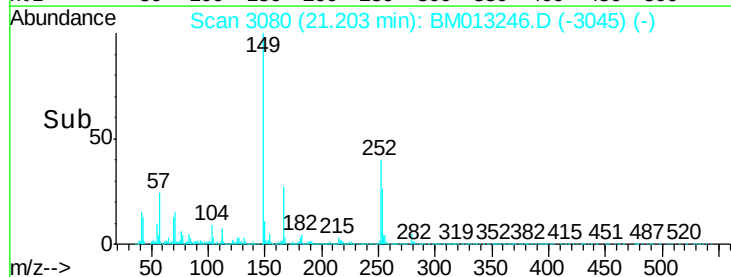
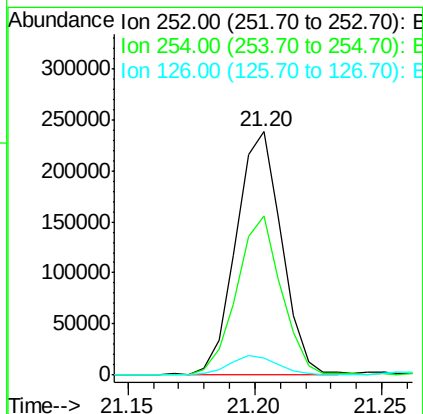
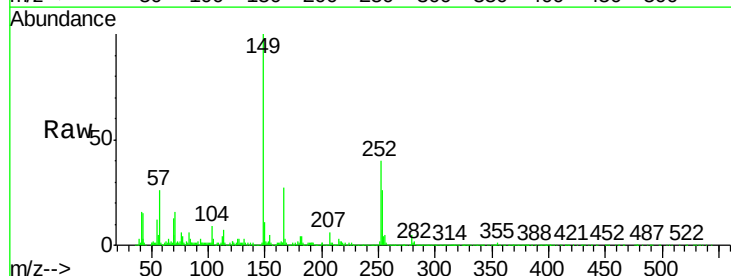
Instrument :
 BNA_M
 ClientSampled :
 SSTD02021

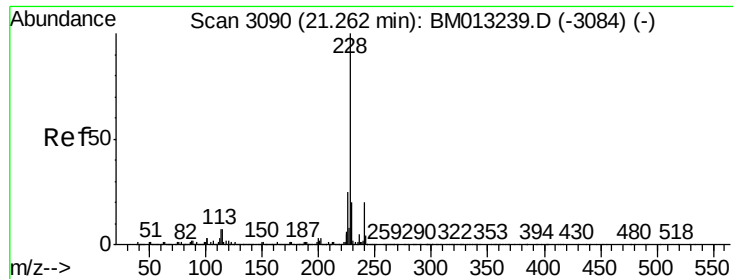
Tot Ion:149 Resp: 472984
 Ion Ratio Lower Upper
 149 100
 91 71.6 62.7 94.1
 206 21.2 20.8 31.2



#79
 3,3'-Dichlorobenzidine
 Concen: 18.240 ng/ul
 RT: 21.20 min Scan# 3080
 Delta R.T. 0.01 min
 Lab File: BM013246.D
 Acq: 07 Dec 2017 16:52

Tgt Ion:252 Resp: 294726
 Ion Ratio Lower Upper
 252 100
 254 65.6 54.5 81.7
 126 7.1 5.8 8.8





#80

Benzo(a)anthracene

Concen: 19.422 ng/ul

RT: 21.27 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

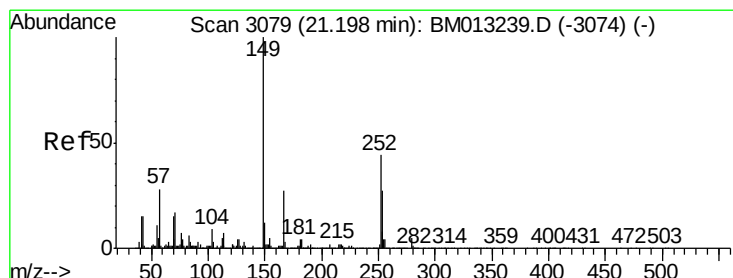
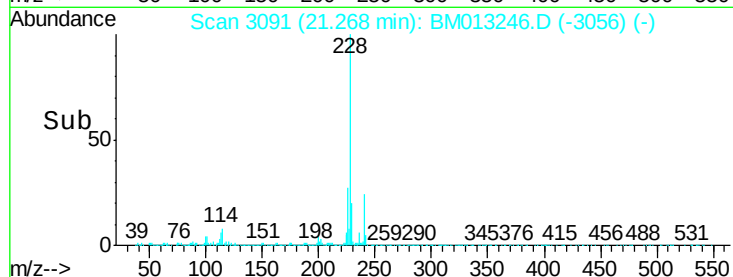
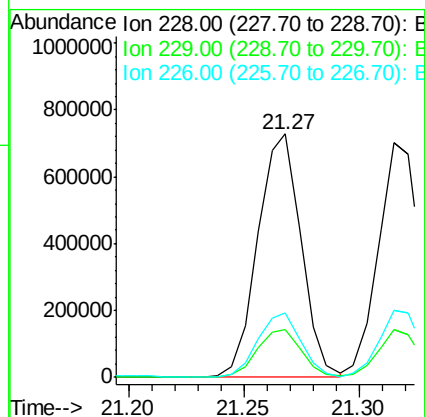
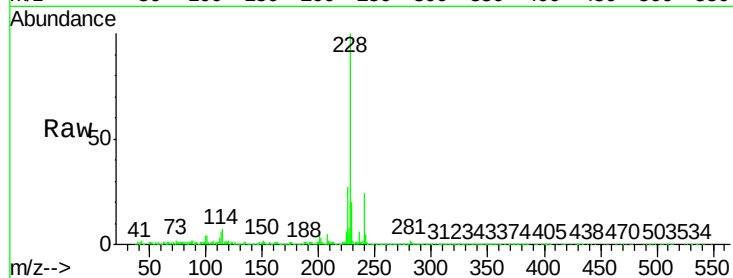
Tot Ion:228 Resp: 947219

Ion Ratio Lower Upper

228 100

229 19.7 15.4 23.0

226 26.7 21.4 32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 22.963 ng/ul

RT: 21.20 min Scan# 3080

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

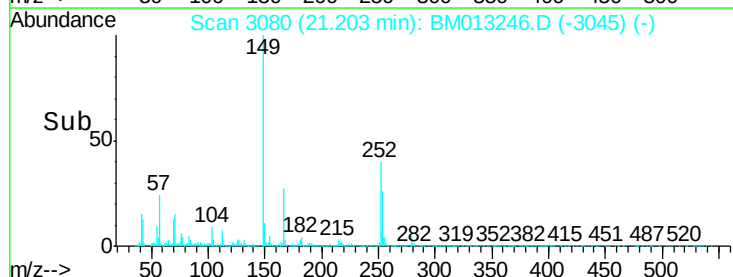
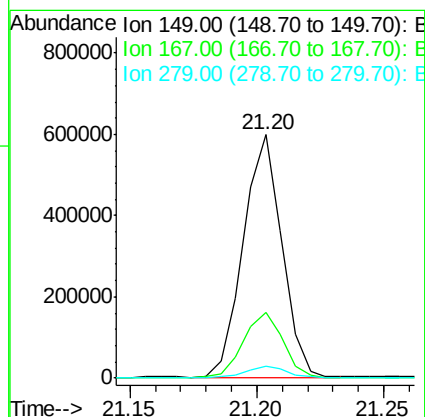
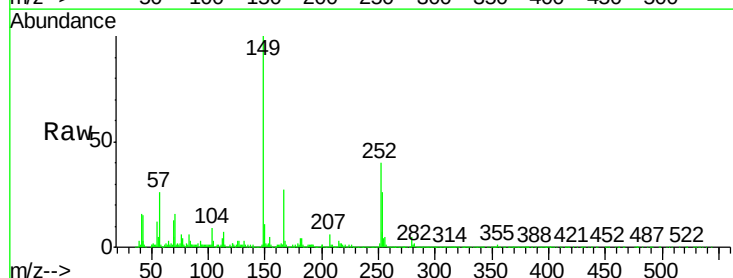
Tgt Ion:149 Resp: 631540

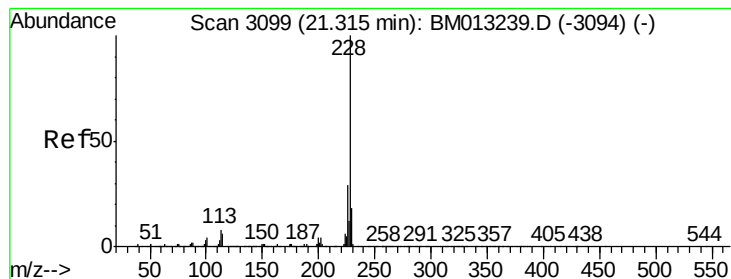
Ion Ratio Lower Upper

149 100

167 26.8 22.8 34.2

279 4.8 4.9 7.3#





#82

Chrysene

Concen: 19.406 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

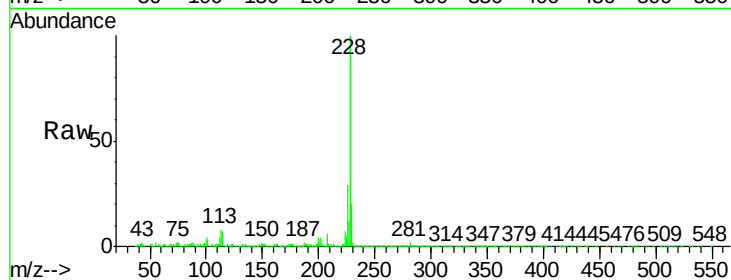
BNA_M

ClientSampleId :

SSTD02021

Tot Ion:228 Resp: 878051

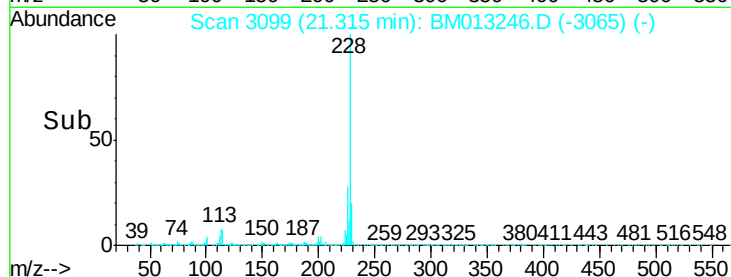
Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	20.1	15.5	23.3



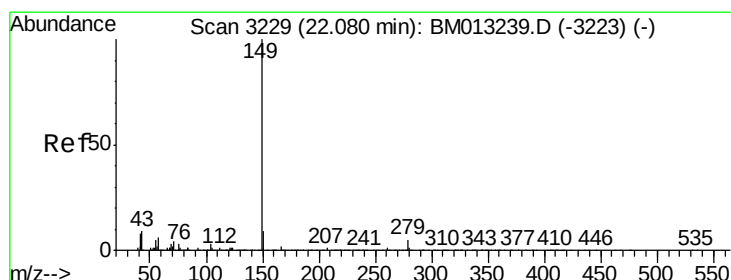
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 17.871 ng/ul

RT: 22.08 min Scan# 3229

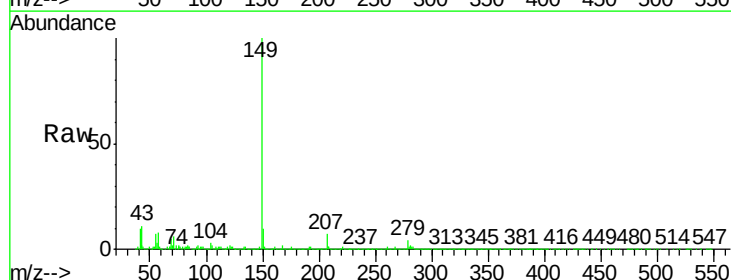
Delta R.T. -0.00 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Tgt Ion:149 Resp: 973270

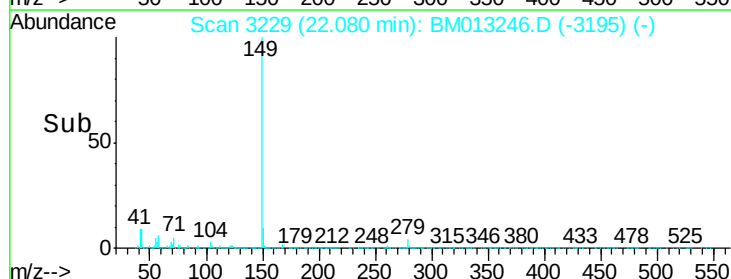
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.3	7.3	10.9



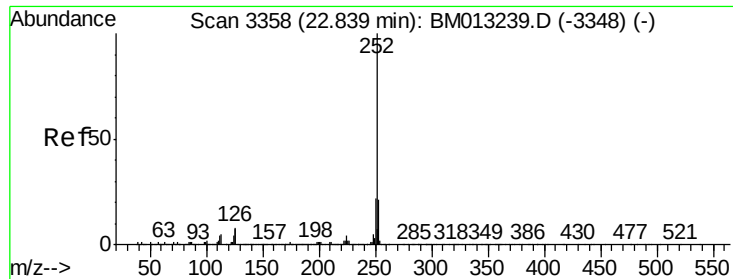
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



Time-->



#85

Benzo(b)fluoranthene

Concen: 17.985 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

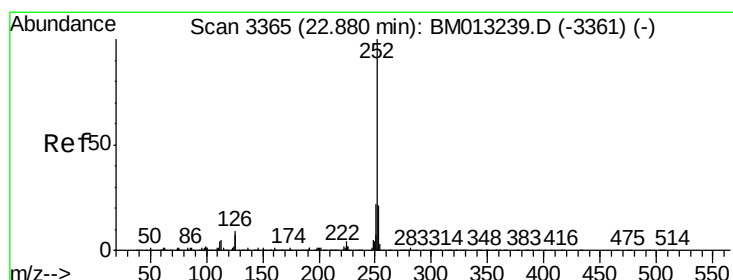
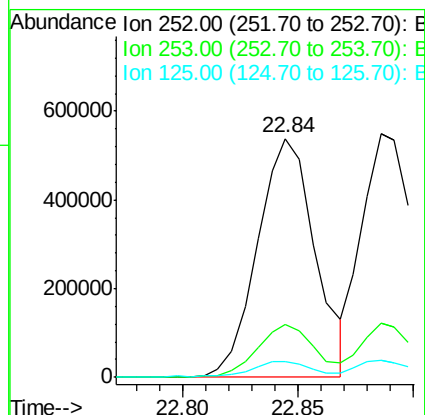
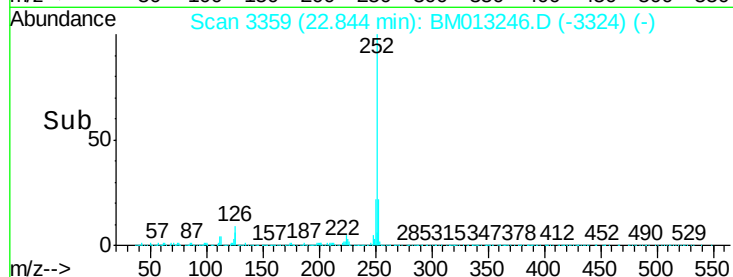
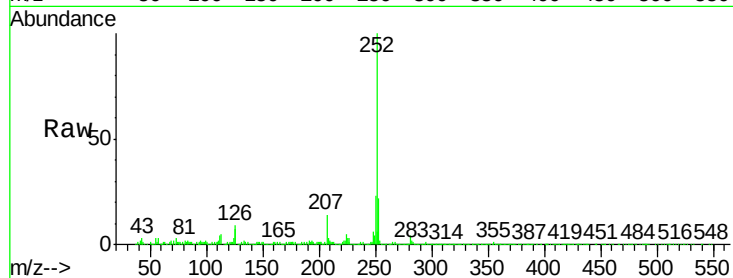
Tot Ion:252 Resp: 928528

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 6.7 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 17.507 ng/ul

RT: 22.89 min Scan# 3366

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

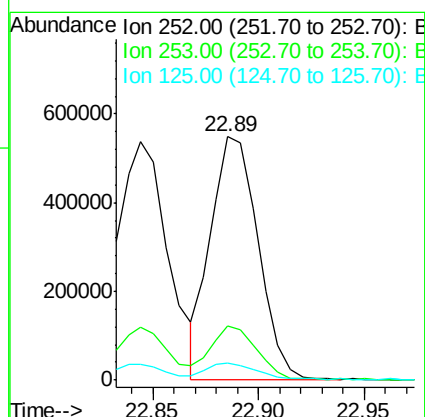
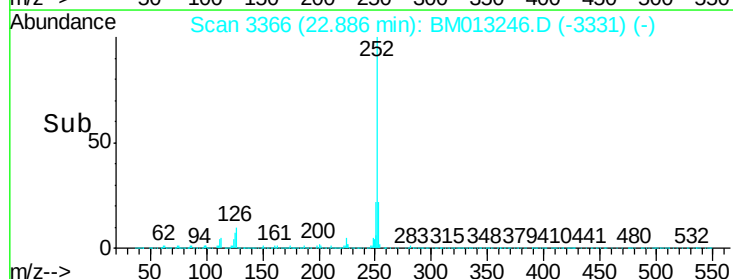
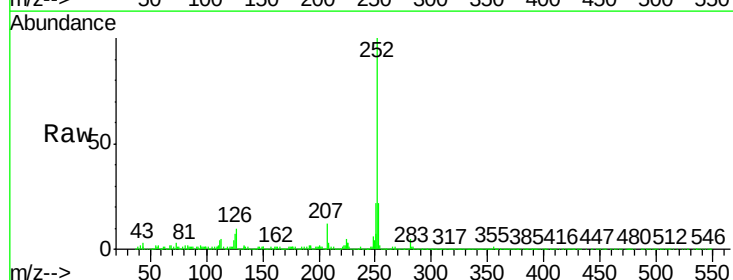
Tgt Ion:252 Resp: 850583

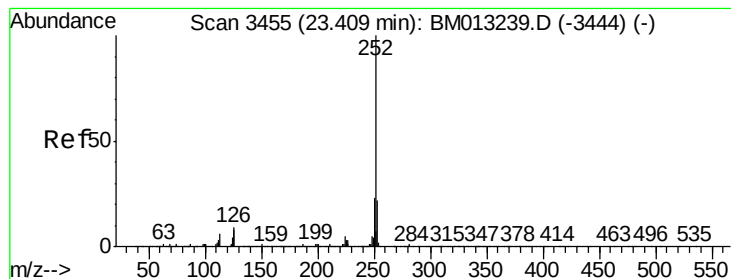
Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 6.9 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 18.795 ng/ul

RT: 23.42 min Scan# 3457

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

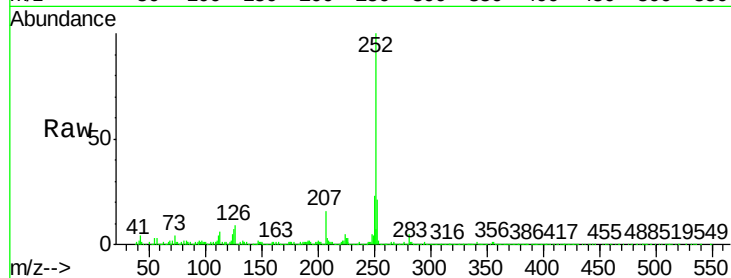
Tot Ion:252 Resp: 871650

Ion Ratio Lower Upper

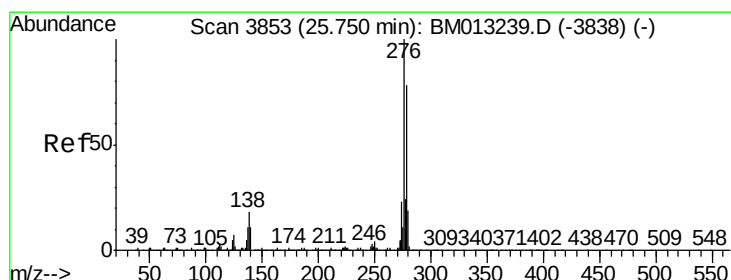
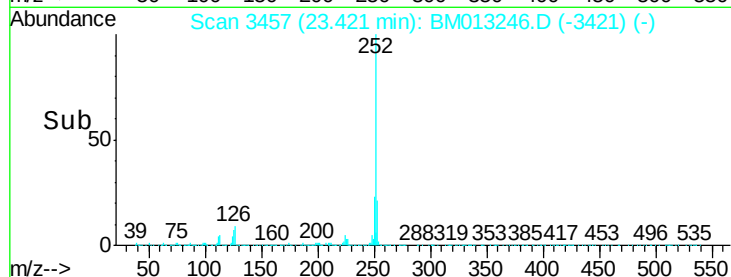
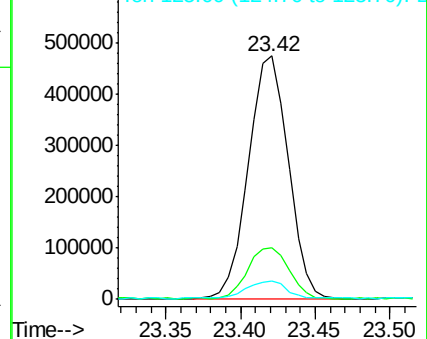
252 100

253 21.4 18.2 27.2

125 7.4 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 23.573 ng/ul

RT: 25.76 min Scan# 3855

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

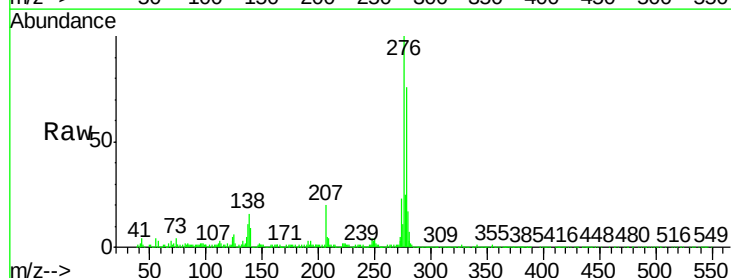
Tgt Ion:276 Resp: 1084770

Ion Ratio Lower Upper

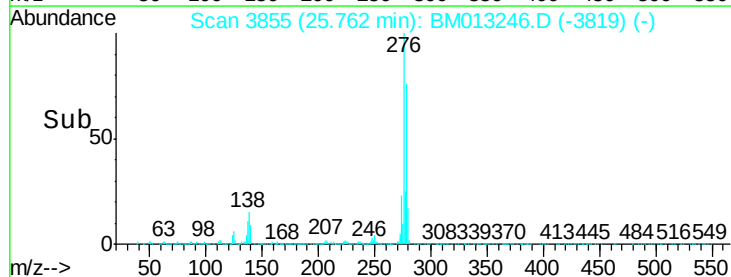
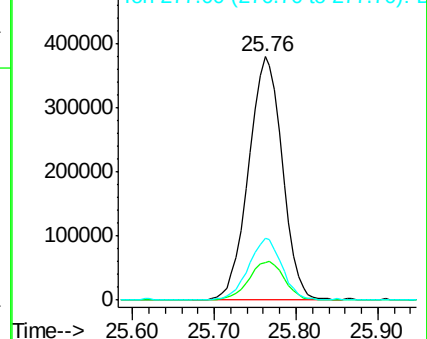
276 100

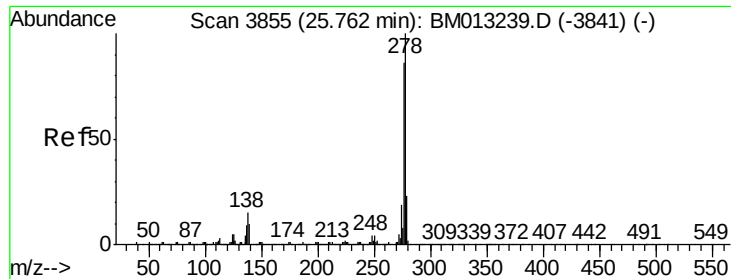
138 15.6 9.3 13.9#

277 25.2 19.9 29.9



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





#90

Dibenzo(a,h)anthracene

Concen: 23.317 ng/ul

RT: 25.77 min Scan# 3857

Delta R.T. 0.01 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

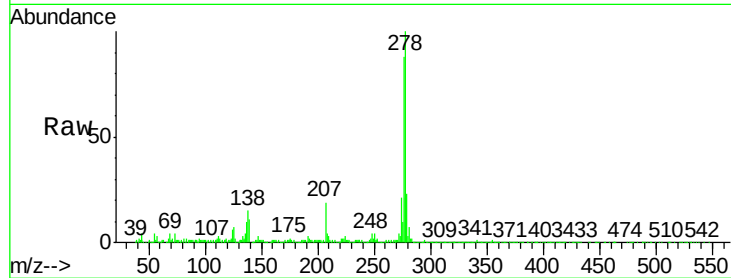
Tot Ion:278 Resp: 913622

Ion Ratio Lower Upper

278 100

139 11.0 5.8 8.8#

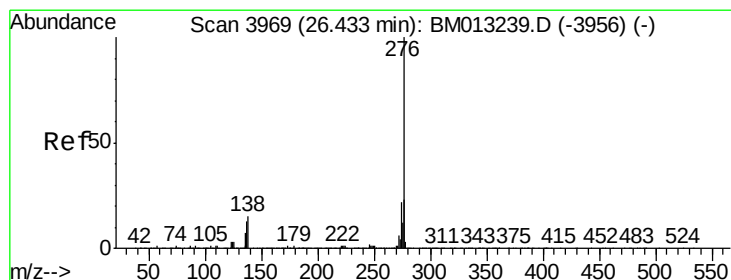
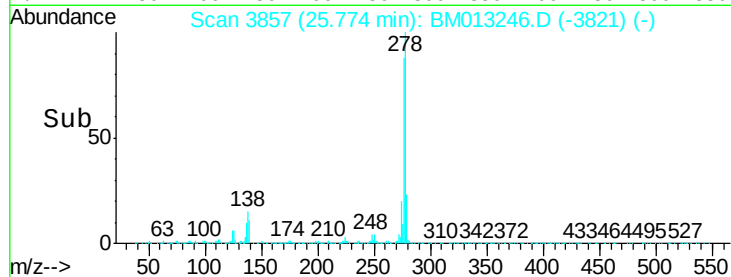
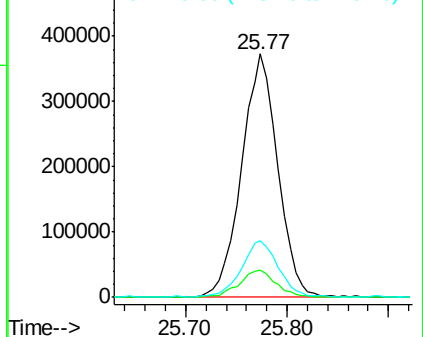
279 23.4 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 24.295 ng/ul

RT: 26.45 min Scan# 3972

Delta R.T. 0.02 min

Lab File: BM013246.D

Acq: 07 Dec 2017 16:52

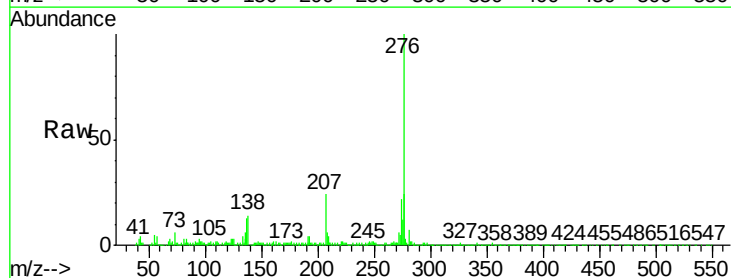
Tgt Ion:276 Resp: 881862

Ion Ratio Lower Upper

276 100

138 14.4 8.5 12.7#

277 23.8 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

