

Data Path : U:\HPCHEM1\BNA M\DATA\BM011018\
 Data File : BM013565.D
 Acq On : 10 Jan 2018 14:55
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

Quant Time: Jan 10 15:33:34 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 13:12:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	90338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	354980	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	218732	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	543950	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	652859	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	654730	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	19457	8.51	ng/uL	0.00
5) Phenol-d5	6.81	99	131540	18.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	84909	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	115523	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	104707	19.64	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	56335	20.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	57471	19.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	115459	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	90680	18.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	361348	20.04	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	461581	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	56151	19.17	ng/ul	0.00
57) Fluorene-d10	15.27	176	324986	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	60097	18.36	ng/ul	0.00
70) Anthracene-d10	17.13	188	531372	20.06	ng/ul	0.00
76) Pyrene-d10	19.43	212	592952	19.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	607358	20.18	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.20	88	21554	8.608	ng/uL#	59
4) Benzaldehyde	6.78	77	105631	22.009	ng/ul	93
6) Phenol	6.83	94	136674	19.648	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.06	93	106708	19.604	ng/ul	94
10) 2-Chlorophenol	7.19	128	115451	20.499	ng/ul	95
11) 2-Methylphenol	8.07	108	97890	19.091	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	107680	19.442	ng/ul#	76
14) Acetophenone	8.45	105	172810	19.587	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.43	70	88159	20.482	ng/ul#	74
16) 4-Methylphenol	8.40	108	108948	19.872	ng/ul	97
17) Hexachloroethane	8.69	117	55495	20.243	ng/ul#	72
20) Nitrobenzene	8.82	77	140706	19.774	ng/ul	97
21) Isophorone	9.35	82	225972	19.655	ng/ul	96
23) 2-Nitrophenol	9.53	139	62879	20.730	ng/ul#	84
24) 2,4-Dimethylphenol	9.60	107	130878	20.466	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	9.83	93	140037	19.980	ng/ul	97
27) 2,4-Dichlorophenol	10.06	162	108350	19.996	ng/ul#	91
28) Naphthalene	10.45	128	356697	20.198	ng/ul	97
30) 4-Chloroaniline	10.57	127	90568	18.723	ng/ul	98
31) Hexachlorobutadiene	10.73	225	91876	20.656	ng/ul	93
32) Caprolactam	11.35	113	9934	6.590	ng/ul#	40
33) 4-Chloro-3-methylphenol	11.70	107	107824	19.629	ng/ul	96
34) 2-Methylnaphthalene	12.07	142	264544	20.092	ng/ul	95

Data Path : U:\HPCHEM1\BNA M\DATA\BM011018\
 Data File : BM013565.D
 Acq On : 10 Jan 2018 14:55
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

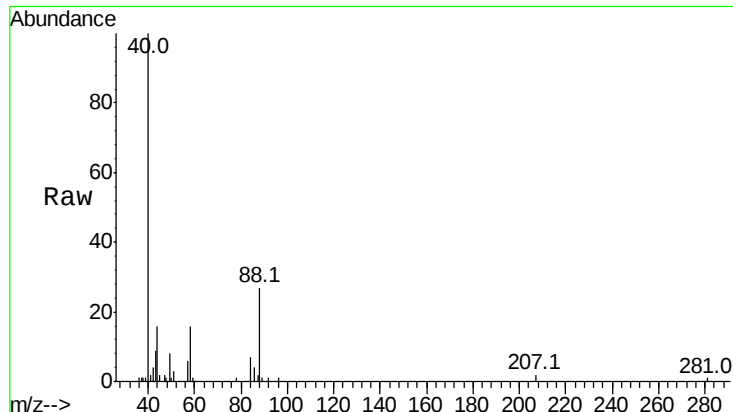
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

Quant Time: Jan 10 15:33:34 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 13:12:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachlorobenzene	12.45	216	159425	19.670	ng/ul#	95
37) Hexachlorocyclopentadiene	12.42	237	64581	19.193	ng/ul	94
38) 2,4,6-Trichlorophenol	12.70	196	95268	20.307	ng/ul	91
39) 2,4,5-Trichlorophenol	12.77	196	100581	20.604	ng/ul	96
40) 1,1'-Biphenyl	13.10	154	358505	19.690	ng/ul	99
41) 2-Chloronaphthalene	13.14	162	285321	20.047	ng/ul	97
42) 2-Nitroaniline	13.36	65	77519	19.745	ng/ul	98
44) Dimethylphthalate	13.74	163	349324	19.708	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	68143	19.839	ng/ul#	93
47) Acenaphthylene	14.00	152	423403	20.130	ng/ul	100
48) 3-Nitroaniline	14.19	138	48652	18.011	ng/ul	97
49) Acenaphthene	14.34	153	292891	20.106	ng/ul	97
50) 2,4-Dinitrophenol	14.41	184	33065	16.793	ng/ul#	87
52) 4-Nitrophenol	14.52	109	60060	20.181	ng/ul#	82
53) Dibenzofuran	14.68	168	442888	20.210	ng/ul	99
54) 2,4-Dinitrotoluene	14.66	165	106498	21.270	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.91	232	95585	20.817	ng/ul#	90
56) Diethylphthalate	15.12	149	362589	20.327	ng/ul	94
58) Fluorene	15.33	166	362082	20.170	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	202688	20.896	ng/ul	94
60) 4-Nitroaniline	15.36	138	70808	22.403	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.42	198	62480	18.079	ng/ul	97
64) N-Nitrosodiphenylamine	15.54	169	310727	19.423	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	127820	19.895	ng/ul#	89
66) Hexachlorobenzene	16.33	284	134961	19.516	ng/ul#	90
67) Atrazine	16.50	200	127344	19.944	ng/ul	96
68) Pentachlorophenol	16.69	266	67561	18.385	ng/ul	91
69) Phenanthrene	17.07	178	609861	20.170	ng/ul	99
71) Anthracene	17.16	178	616949	19.782	ng/ul	99
72) Carbazole	17.43	167	518112	20.126	ng/ul	100
73) Di-n-butylphthalate	18.00	149	617275	20.388	ng/ul	98
74) Fluoranthene	19.09	202	728667	20.189	ng/ul#	94
77) Pyrene	19.46	202	776268	19.559	ng/ul#	94
78) Butylbenzylphthalate	20.37	149	278554	19.924	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.14	252	200420	18.557	ng/ul	89
80) Benzo(a)anthracene	21.21	228	788946	19.999	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	409226	19.509	ng/ul#	98
82) Chrysene	21.26	228	717298	19.820	ng/ul	98
84) Di-n-octyl phthalate	22.02	149	714733	18.114	ng/ul	99
85) Benzo(b)fluoranthene	22.77	252	840717	20.909	ng/ul#	98
86) Benzo(k)fluoranthene	22.81	252	744540	19.157	ng/ul#	98
88) Benzo(a)pyrene	23.33	252	775273	20.410	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.63	276	891414	19.881	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.64	278	770427	20.347	ng/ul#	97
91) Benzo(g,h,i)perylene	26.30	276	731504	19.822	ng/ul#	94

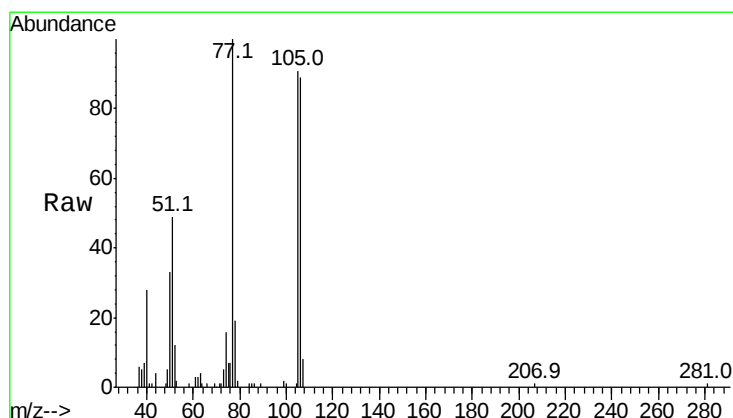
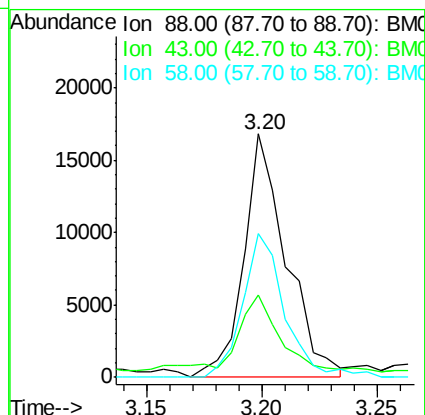
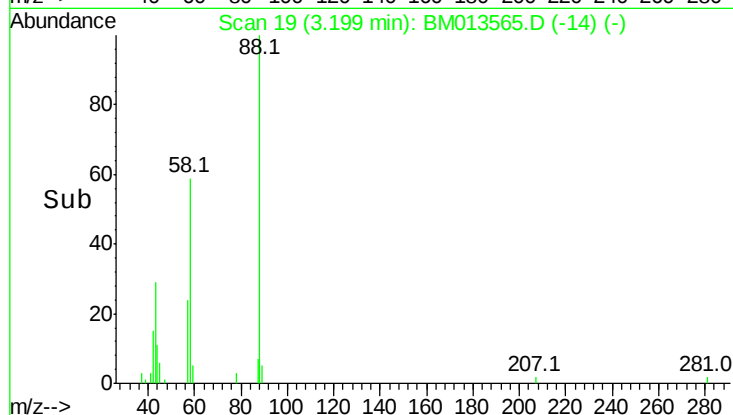
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 1,4-Dioxane
 Concen: 8.608 ng/uL
 RT: 3.20 min Scan# 19
 Delta R.T. -0.01 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

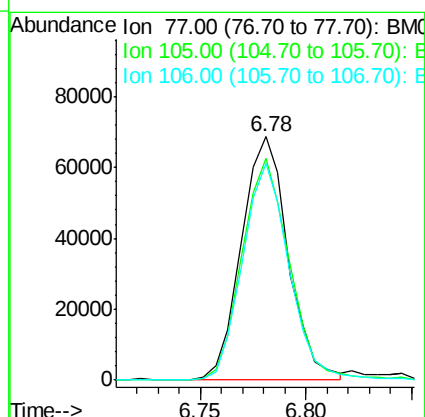
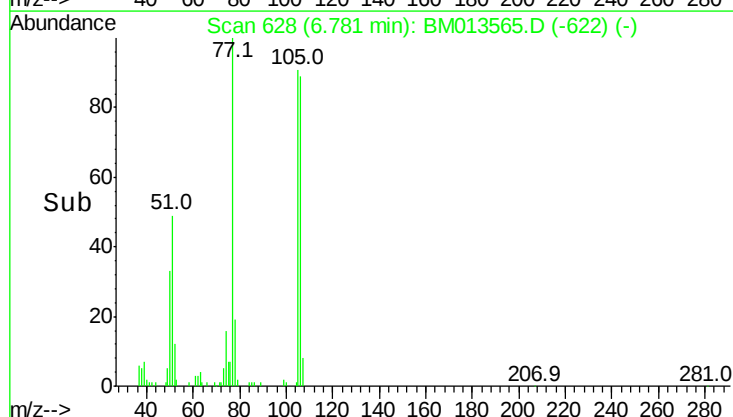
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

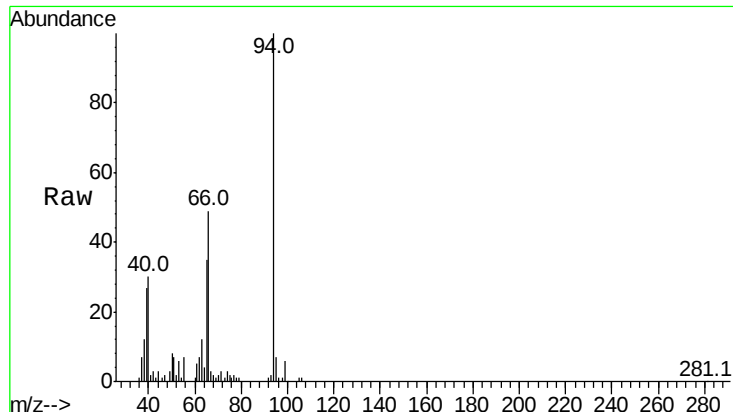
Tot Ion: 88 Resp: 21554
 Ion Ratio Lower Upper
 88 100
 43 28.5 48.0 72.0#
 58 58.9 80.0 120.0#



#4
 Benzaldehyde
 Concen: 22.009 ng/uL
 RT: 6.78 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion: 77 Resp: 105631
 Ion Ratio Lower Upper
 77 100
 105 91.1 66.1 99.1
 106 89.1 67.8 101.6





#6

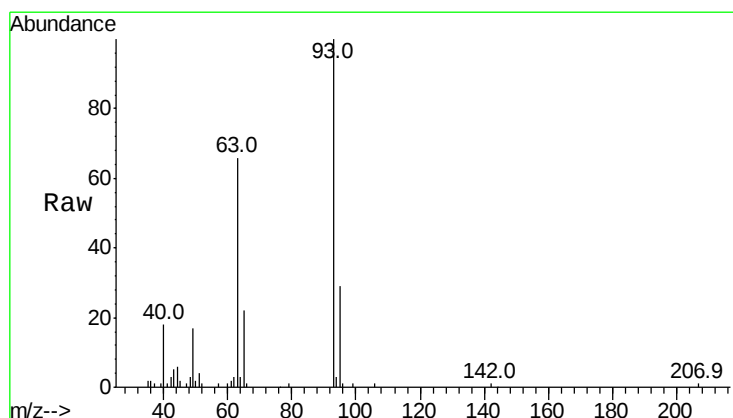
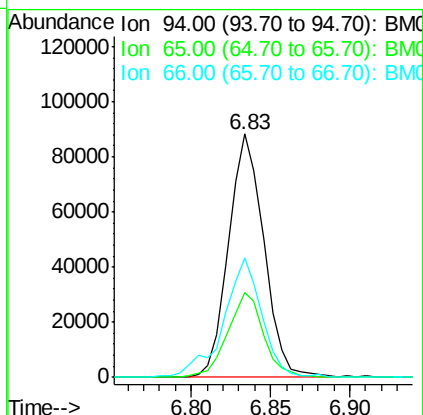
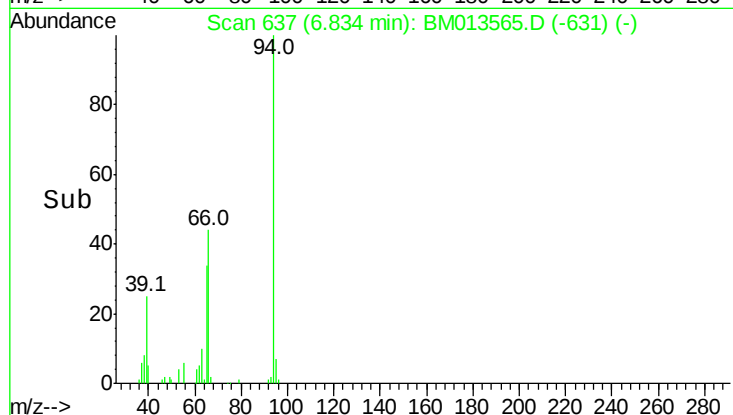
Phenol

Concen: 19.648 ng/ul
 RT: 6.83 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

Tot Ion: 94 Resp: 136674

Ion	Ratio	Lower	Upper
94	100		
65	35.0	28.2	42.4
66	49.0	47.2	70.8



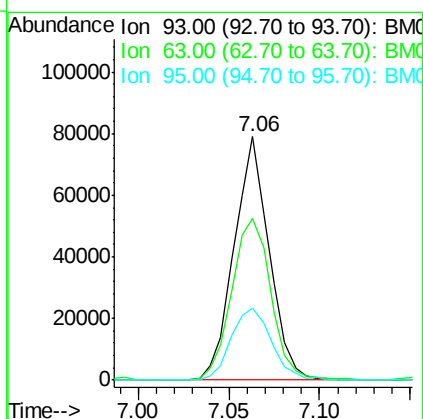
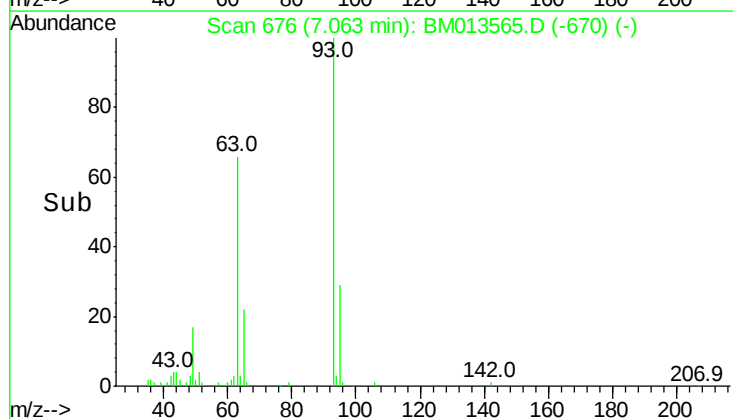
#8

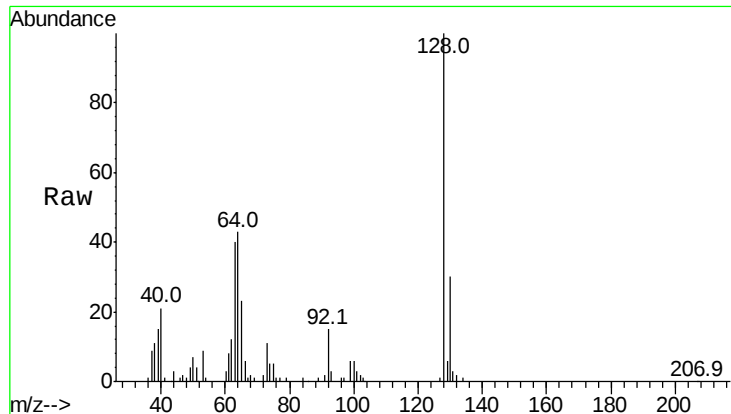
Bis(2-Chloroethyl)ether

Concen: 19.604 ng/ul
 RT: 7.06 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion: 93 Resp: 106708

Ion	Ratio	Lower	Upper
93	100		
63	66.4	57.3	85.9
95	29.5	26.6	39.8

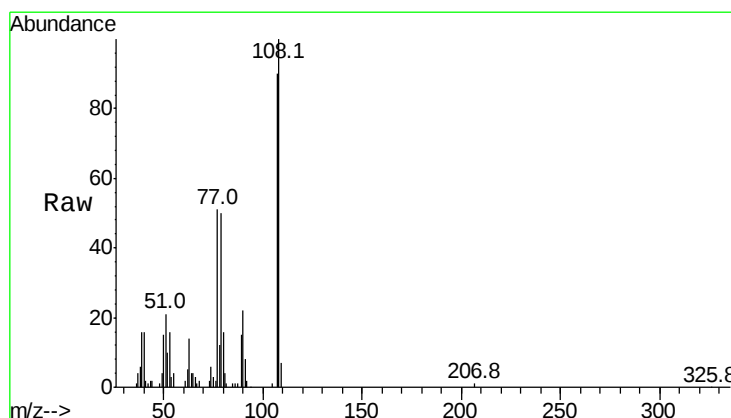
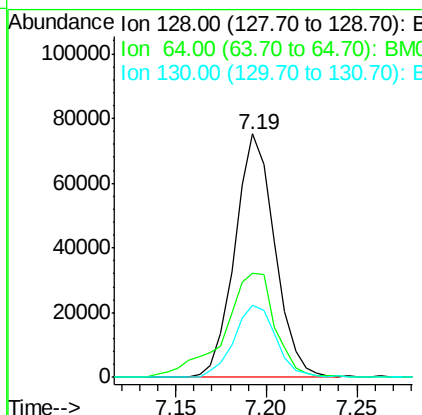
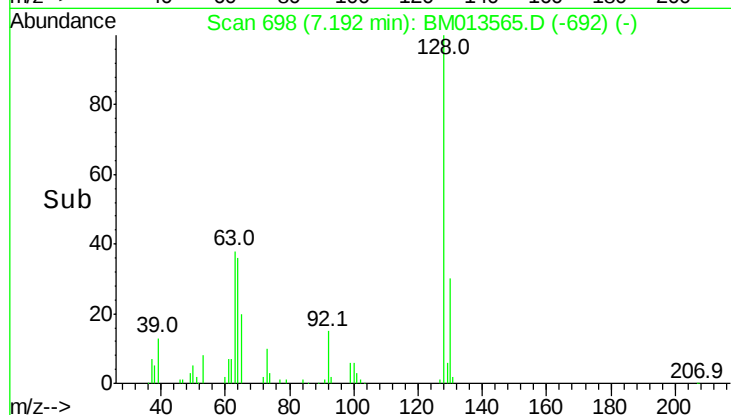




#10
2-Chlorophenol
Concen: 20.499 ng/ul
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BM013565.D
Acq: 10 Jan 2018 14:55

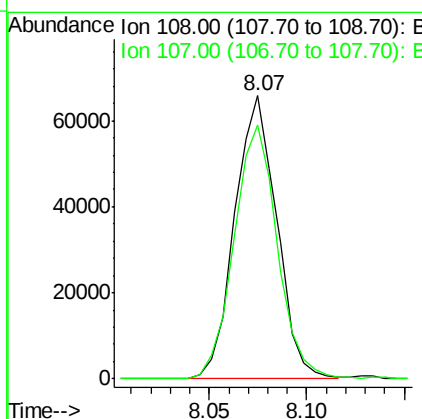
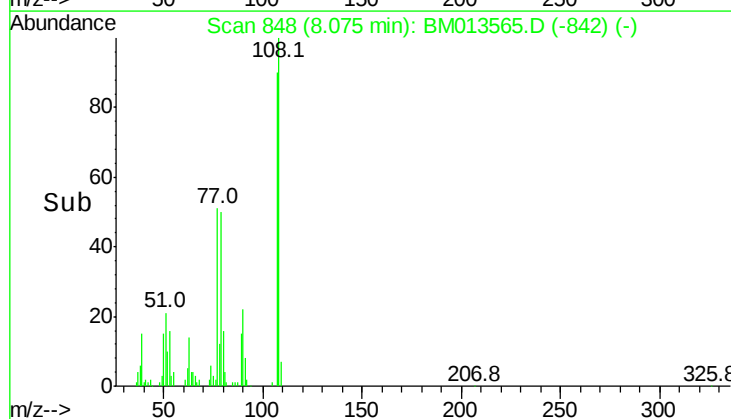
Instrument :
BNA_M
ClientSampleId :
SSTD02015

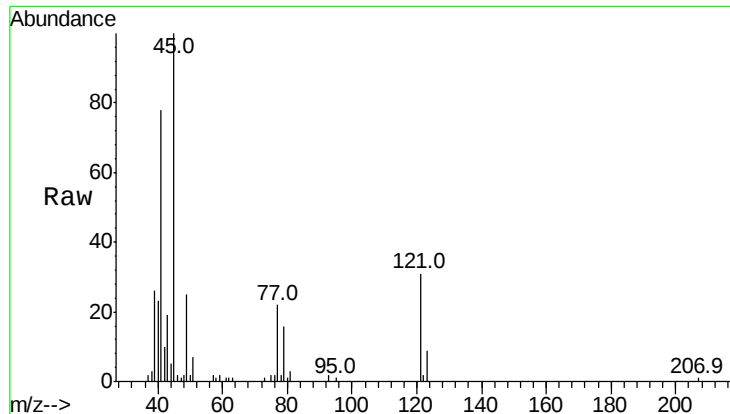
Tot Ion:128 Resp: 115451
Ion Ratio Lower Upper
128 100
64 43.0 38.0 57.0
130 29.6 24.4 36.6



#11
2-Methylphenol
Concen: 19.091 ng/ul
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BM013565.D
Acq: 10 Jan 2018 14:55

Tgt Ion:108 Resp: 97890
Ion Ratio Lower Upper
108 100
107 89.6 72.6 108.8

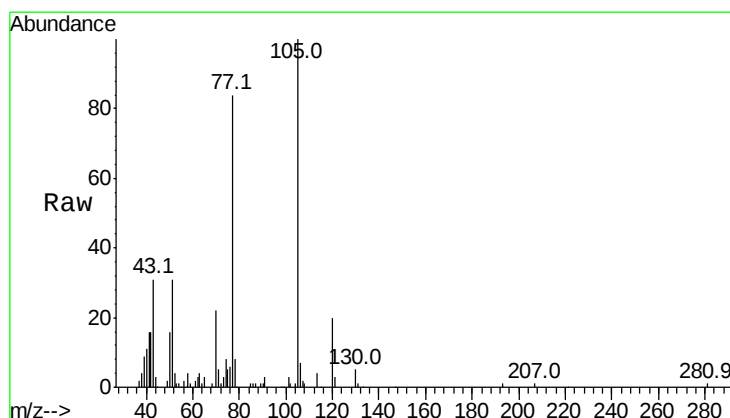
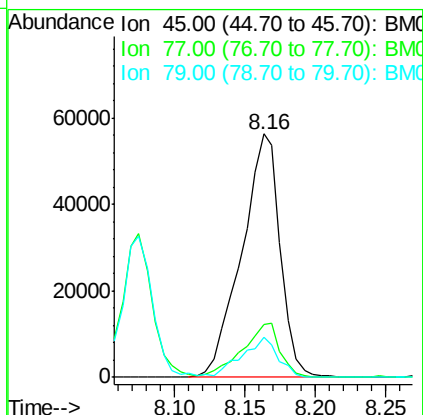
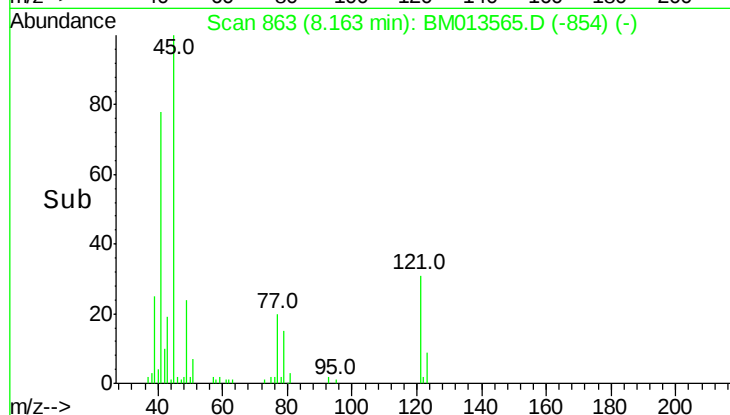




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.442 ng/ul
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM013565.D
Acq: 10 Jan 2018 14:55

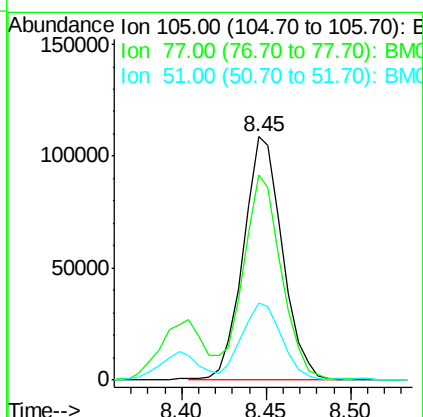
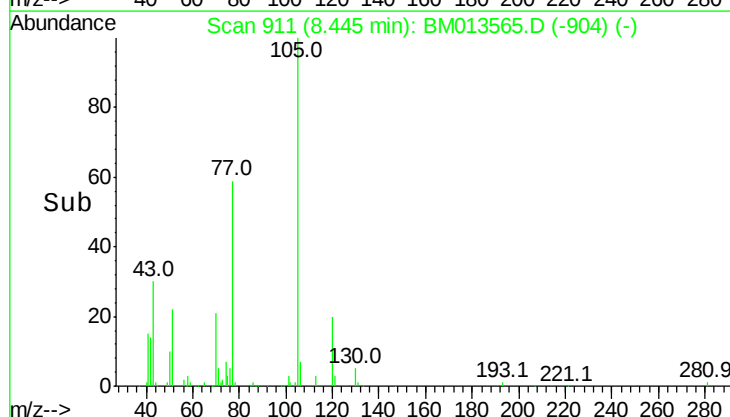
Instrument :
BNA_M
ClientSampleId :
SSTD02015

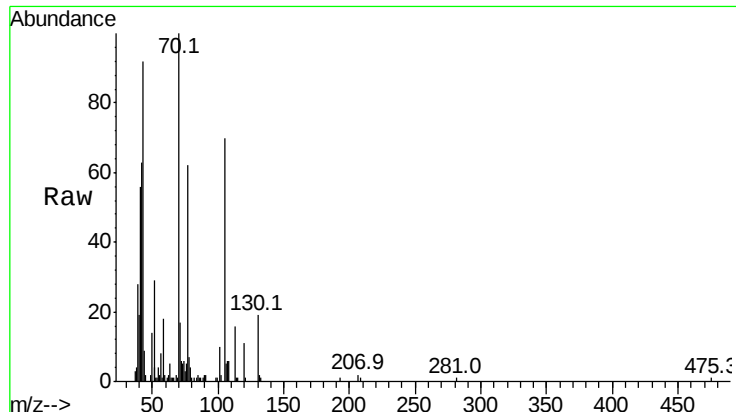
Tot Ion: 45 Resp: 107680
Ion Ratio Lower Upper
45 100
77 21.5 8.0 12.0#
79 16.3 8.0 12.0#



#14
Acetophenone
Concen: 19.587 ng/ul
RT: 8.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM013565.D
Acq: 10 Jan 2018 14:55

Tgt Ion:105 Resp: 172810
Ion Ratio Lower Upper
105 100
77 84.1 74.2 111.4
51 31.5 23.4 35.2

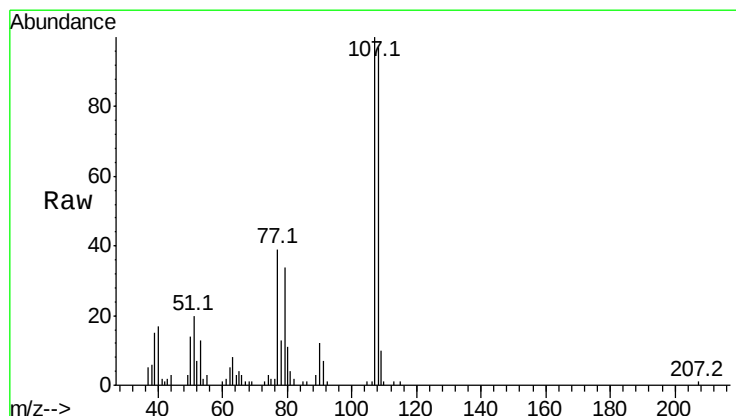
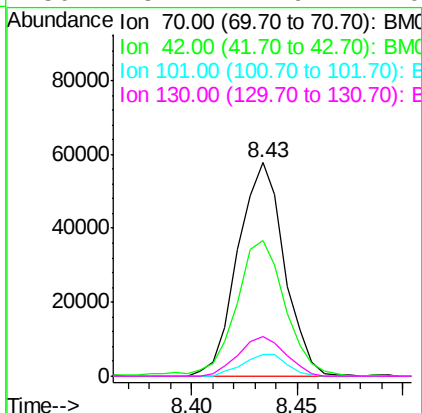
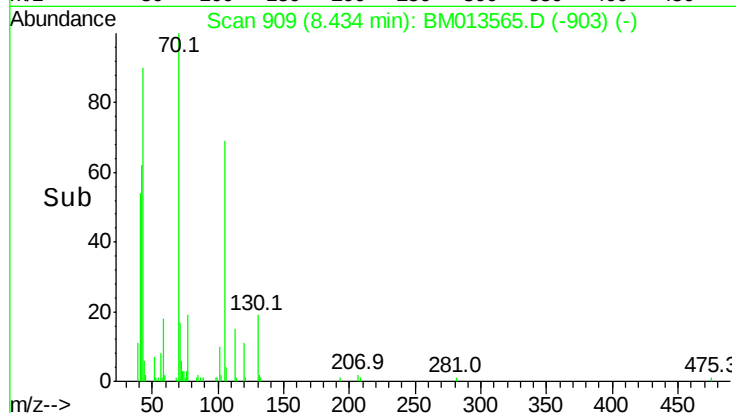




#15
N-Nitroso-di-n-propylamine
Concen: 20.482 ng/ul
RT: 8.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BM013565.D
Acq: 10 Jan 2018 14:55

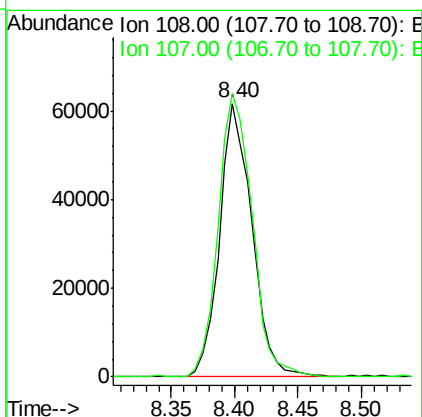
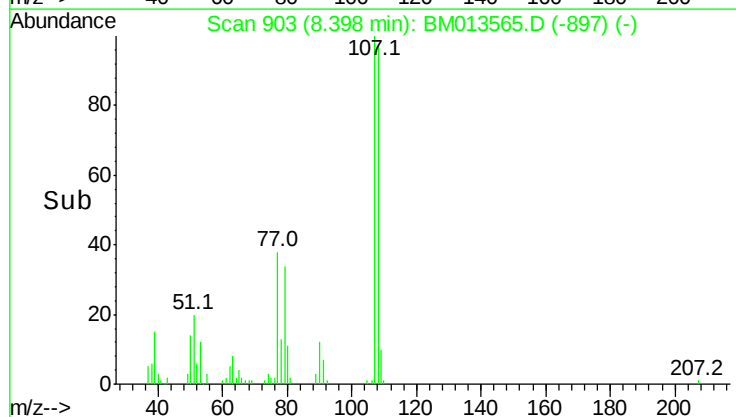
Instrument :
BNA_M
ClientSampleId :
SSTD02015

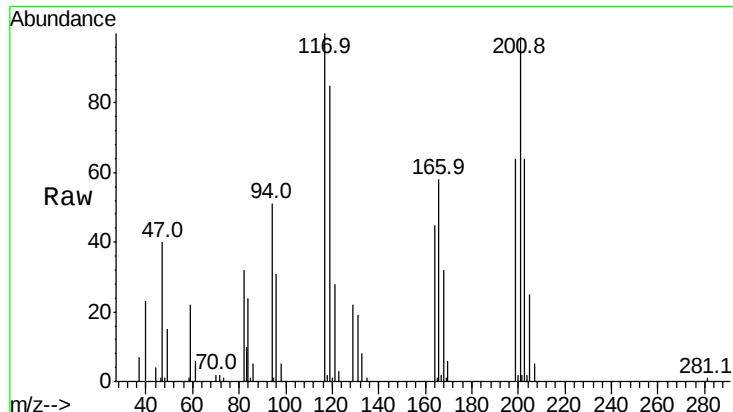
Tot Ion: 70 Resp: 88159
Ion Ratio Lower Upper
70 100
42 63.3 76.0 114.0#
101 10.2 6.7 10.1#
130 18.7 14.6 22.0



#16
4-Methylphenol
Concen: 19.872 ng/ul
RT: 8.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BM013565.D
Acq: 10 Jan 2018 14:55

Tgt Ion:108 Resp: 108948
Ion Ratio Lower Upper
108 100
107 103.4 84.9 127.3





#17

Hexachloroethane

Concen: 20.243 ng/ul

RT: 8.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

SSTD02015

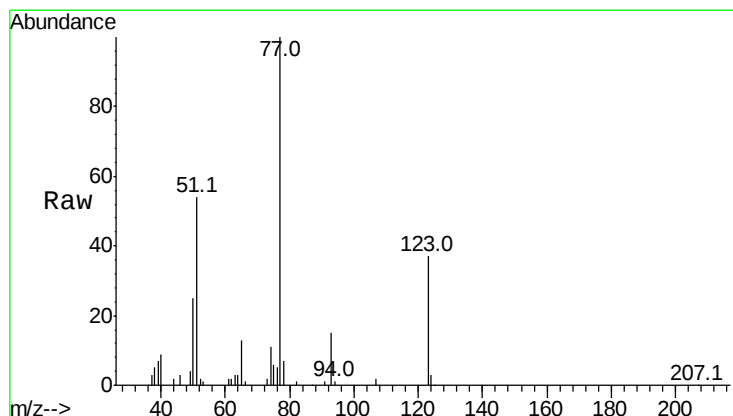
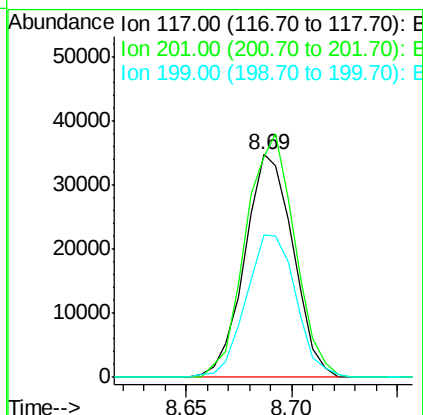
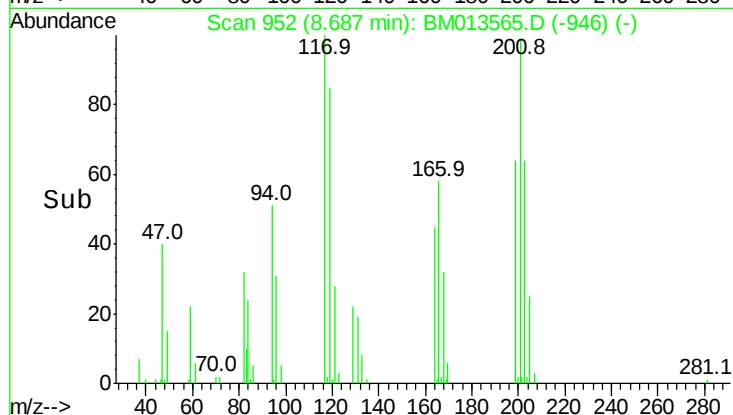
Tot Ion:117 Resp: 55495

Ion Ratio Lower Upper

117 100

201 101.1 111.6 167.4#

199 63.8 67.8 101.6#



#20

Nitrobenzene

Concen: 19.774 ng/ul

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

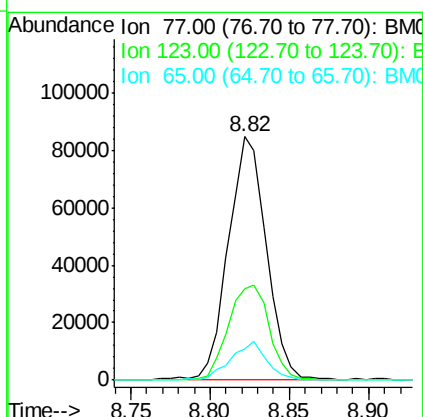
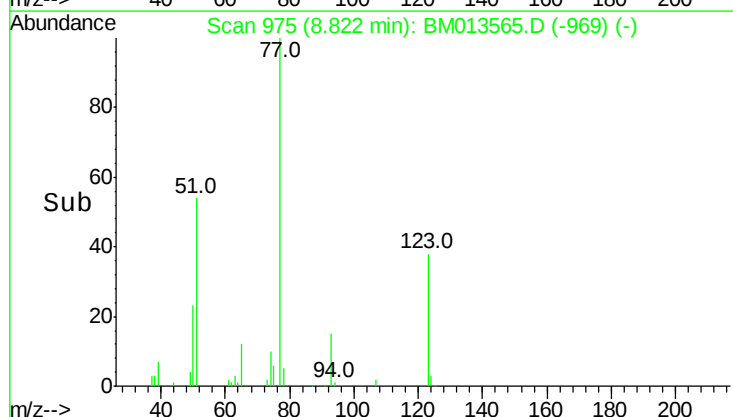
Tgt Ion: 77 Resp: 140706

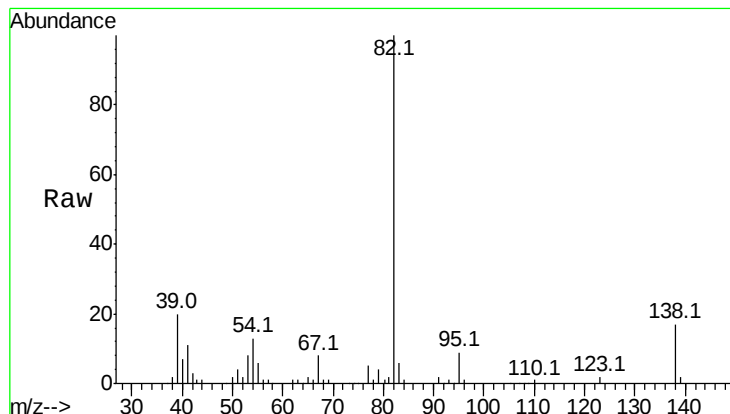
Ion Ratio Lower Upper

77 100

123 37.3 31.0 46.6

65 12.8 12.2 18.2





#21

Isophorone

Concen: 19.655 ng/ul

RT: 9.35 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

SSTD02015

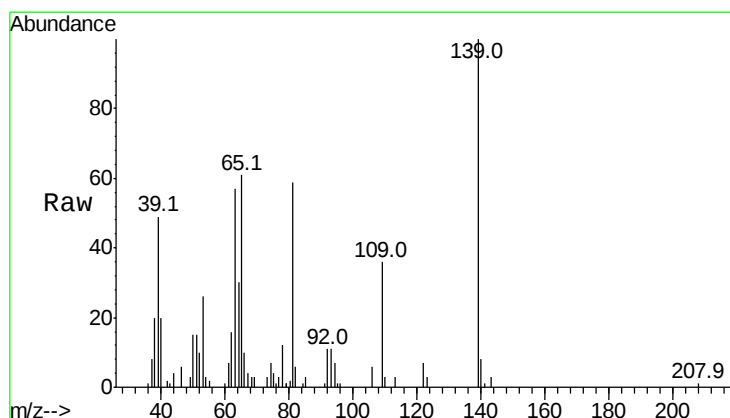
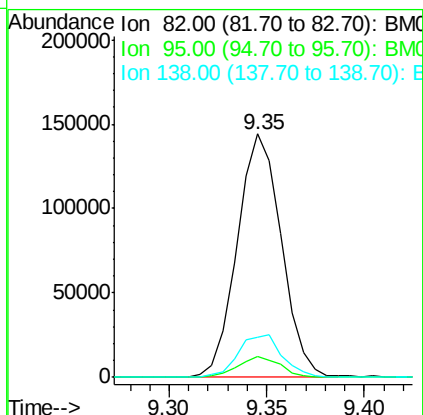
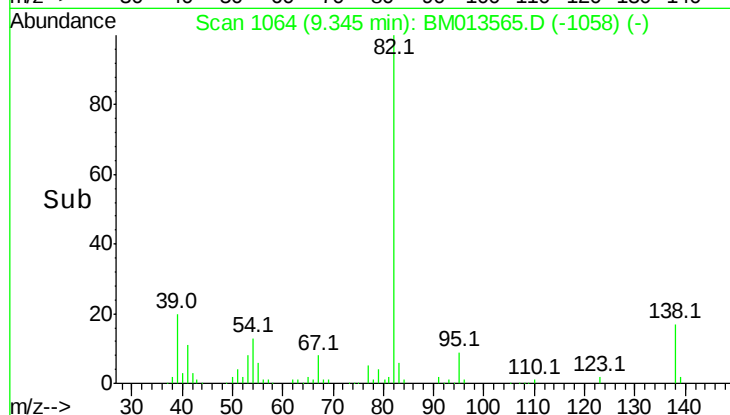
Tot Ion: 82 Resp: 225972

Ion Ratio Lower Upper

82 100

95 8.5 7.8 11.8

138 16.7 11.9 17.9



#23

2-Nitrophenol

Concen: 20.730 ng/ul

RT: 9.53 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

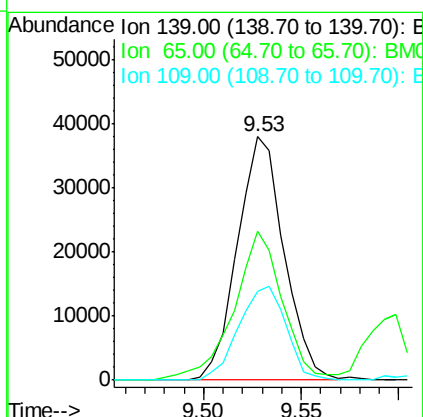
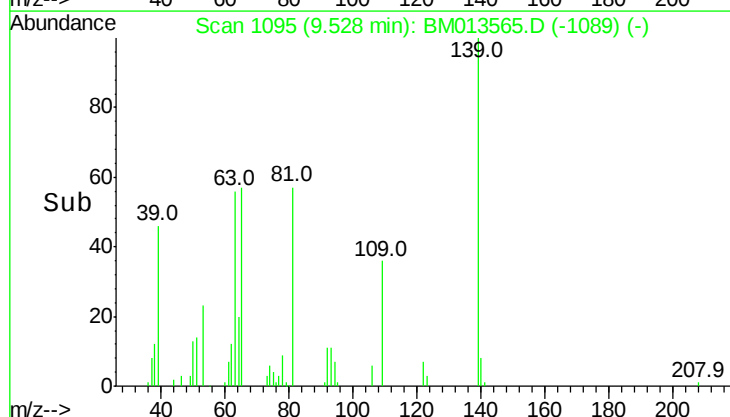
Tgt Ion:139 Resp: 62879

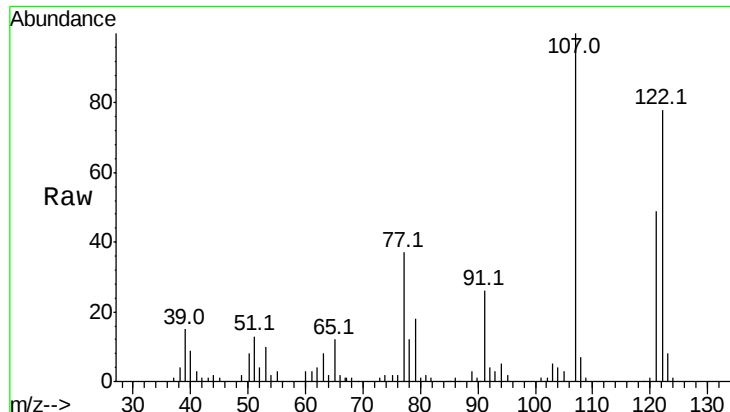
Ion Ratio Lower Upper

139 100

65 60.9 55.4 83.0

109 36.4 42.2 63.2#

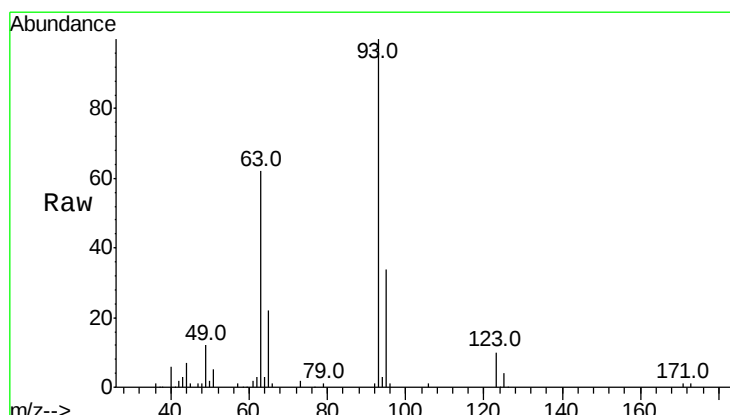
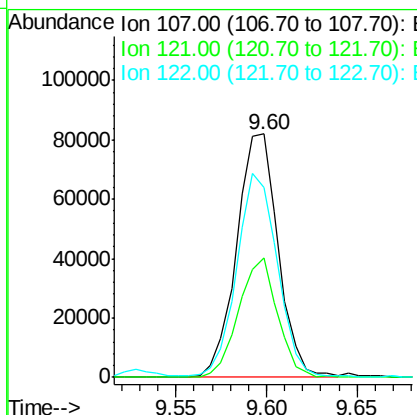
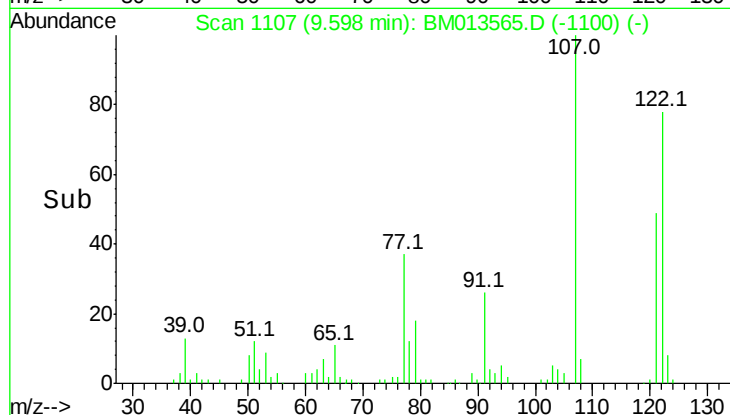




#24
 2,4-Dimethylphenol
 Concen: 20.466 ng/ul
 RT: 9.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

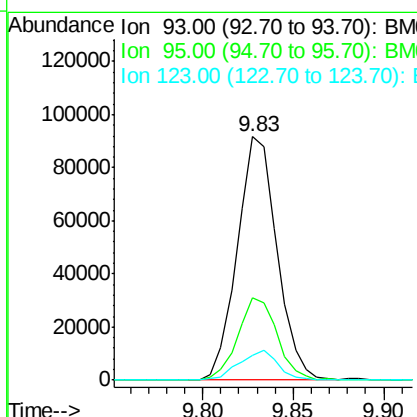
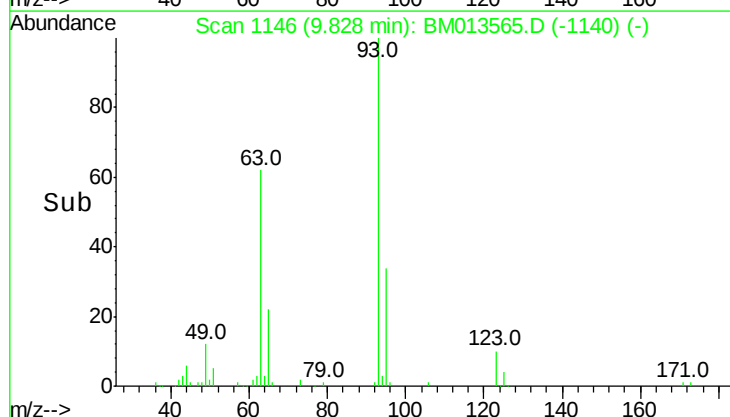
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

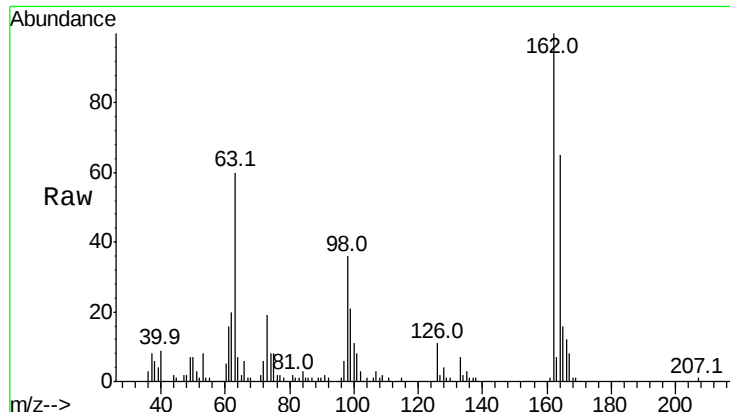
Tot Ion	Ratio	Lower	Upper
107	100		
121	49.3	31.9	47.9#
122	78.1	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.980 ng/ul
 RT: 9.83 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	28.5	42.7
123	10.1	8.9	13.3

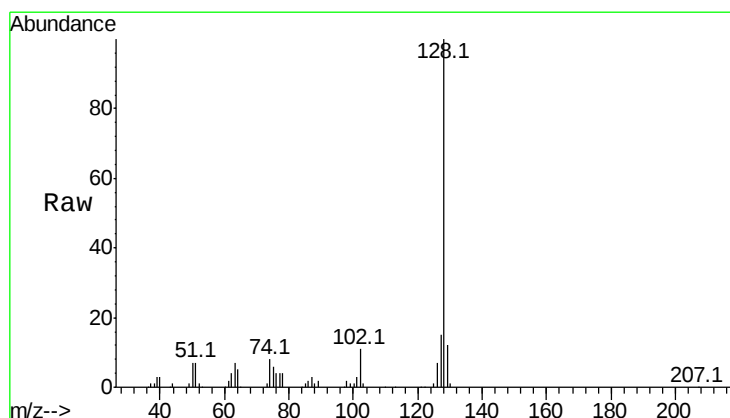
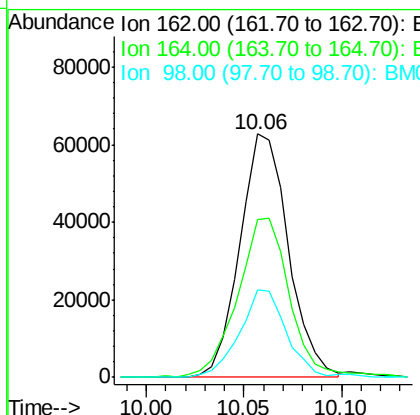
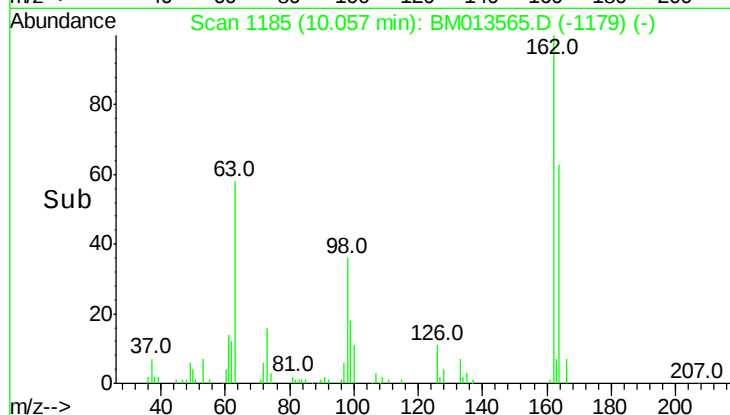




#27
 2,4-Dichlorophenol
 Concen: 19.996 ng/ul
 RT: 10.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

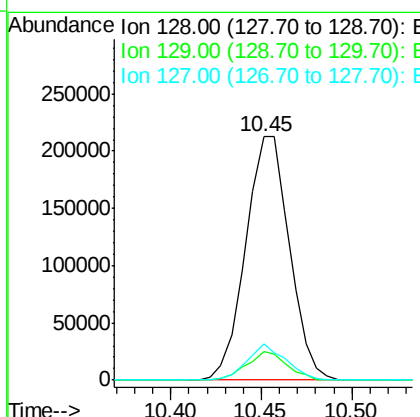
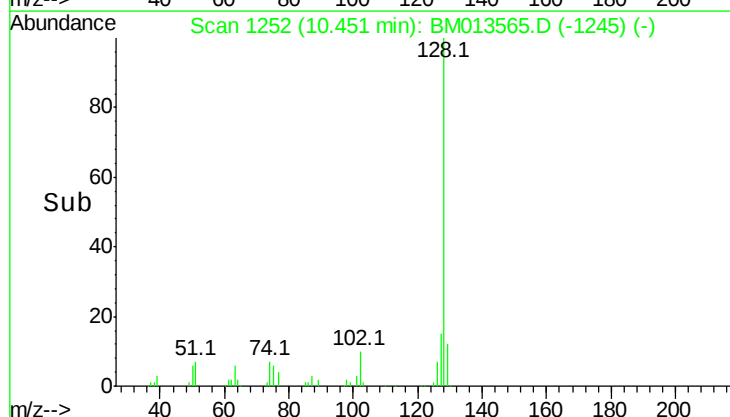
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

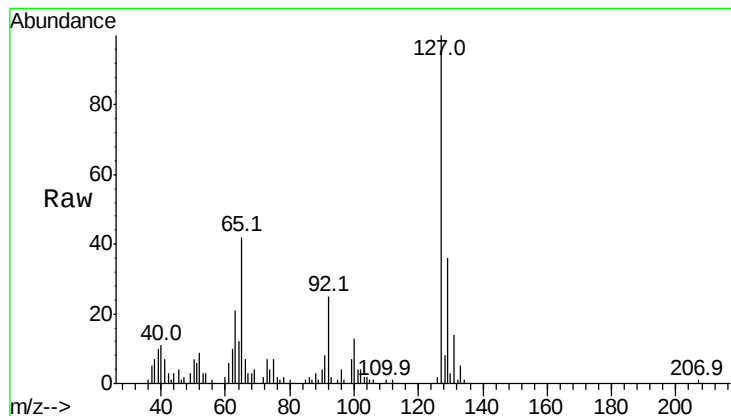
Tot Ion:162 Resp: 108350
 Ion Ratio Lower Upper
 162 100
 164 64.7 47.8 71.6
 98 36.0 23.0 34.4#



#28
 Naphthalene
 Concen: 20.198 ng/ul
 RT: 10.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion:128 Resp: 356697
 Ion Ratio Lower Upper
 128 100
 129 11.7 8.8 13.2
 127 15.0 10.6 16.0





#30

4-Chloroaniline

Concen: 18.723 ng/ul

RT: 10.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

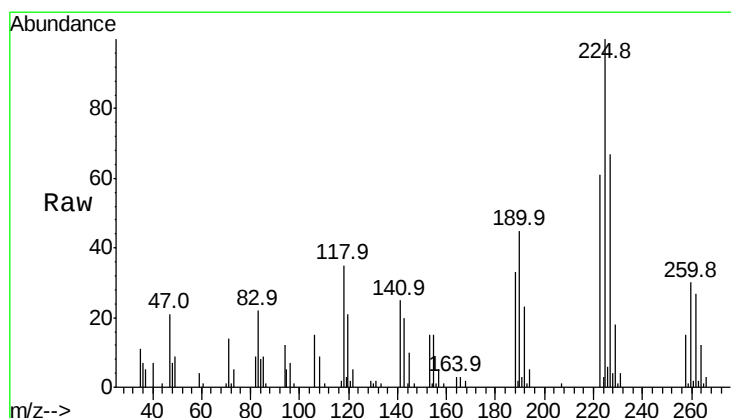
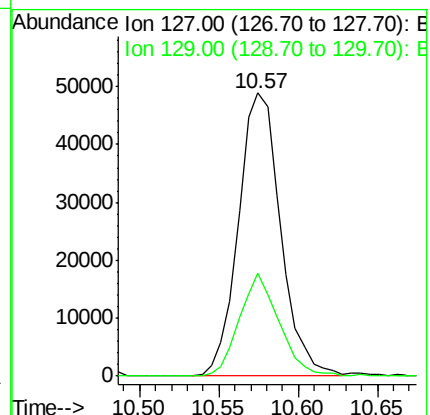
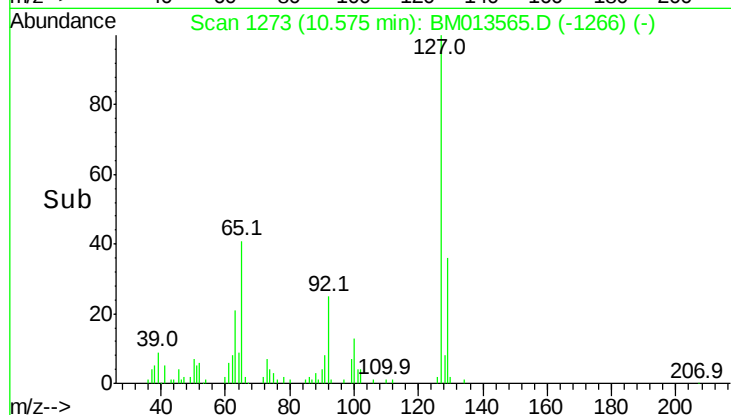
SSTD02015

Tot Ion:127 Resp: 90568

Ion Ratio Lower Upper

127 100

129 36.4 28.4 42.6



#31

Hexachlorobutadiene

Concen: 20.656 ng/ul

RT: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

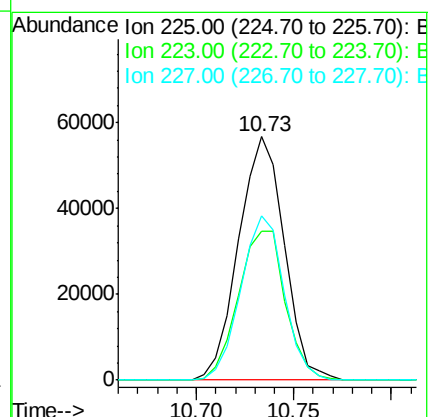
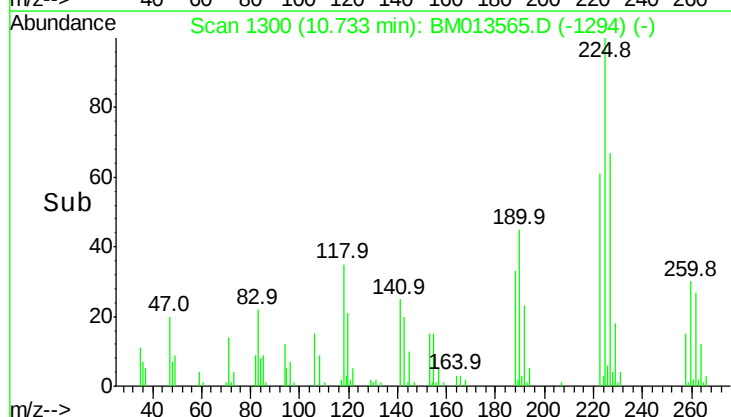
Tgt Ion:225 Resp: 91876

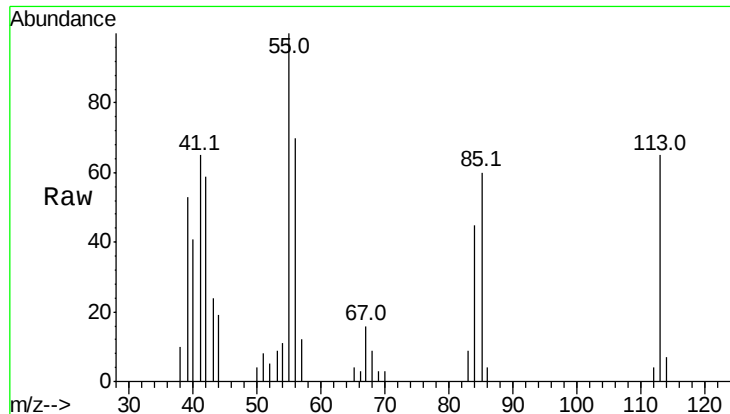
Ion Ratio Lower Upper

225 100

223 61.3 49.4 74.2

227 67.3 45.4 68.2

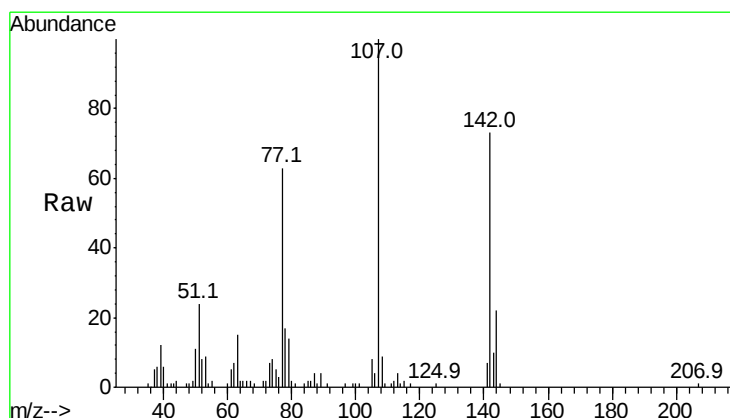
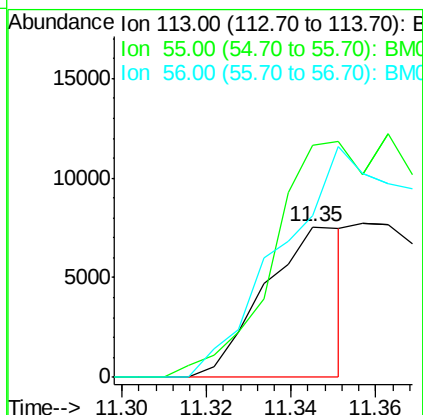
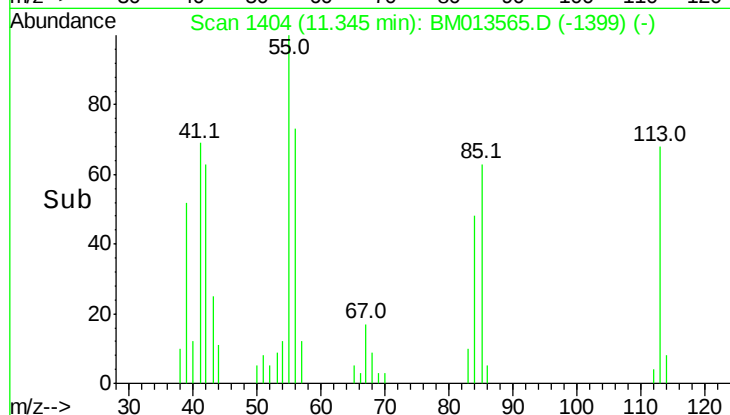




#32
 Caprolactam
 Concen: 6.590 ng/ul
 RT: 11.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

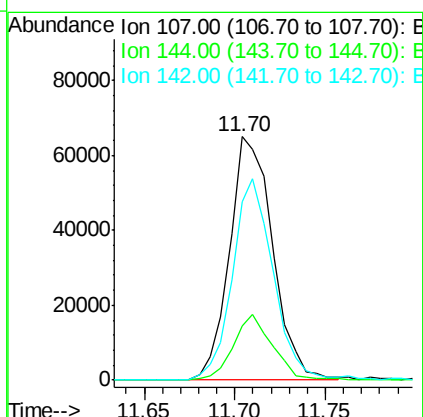
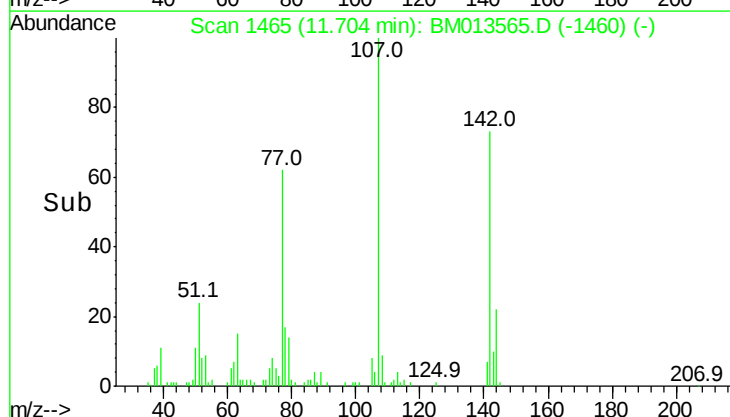
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

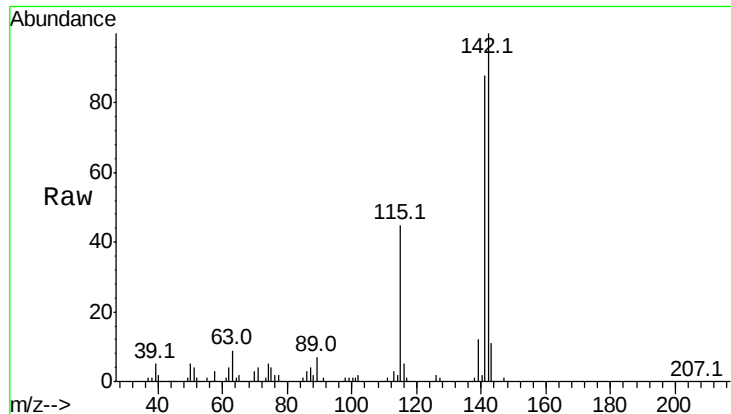
Tot Ion:113 Resp: 9934
 Ion Ratio Lower Upper
 113 100
 55 154.6 208.0 312.0#
 56 107.8 160.0 240.0#



#33
 4-Chloro-3-methylphenol
 Concen: 19.629 ng/ul
 RT: 11.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion:107 Resp: 107824
 Ion Ratio Lower Upper
 107 100
 144 22.4 20.4 30.6
 142 73.2 60.5 90.7

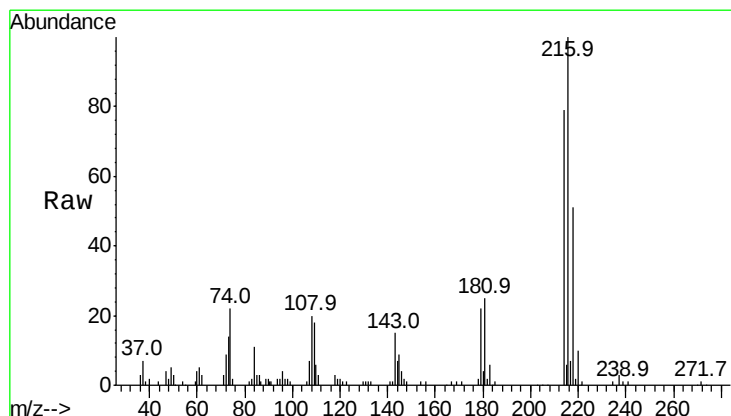
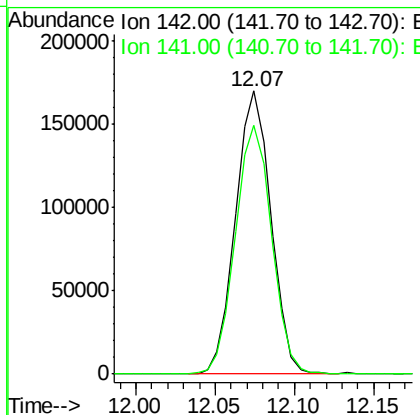
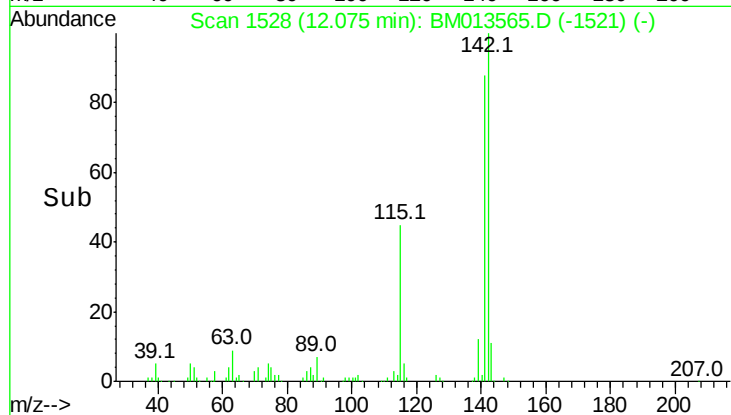




#34
 2-Methylnaphthalene
 Concen: 20.092 ng/ul
 RT: 12.07 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

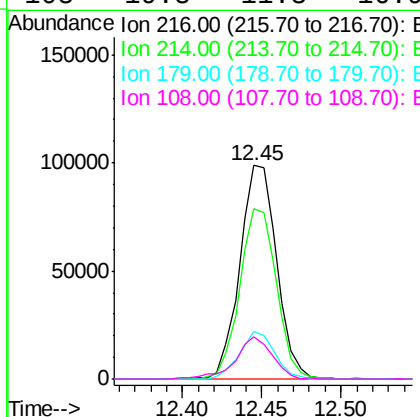
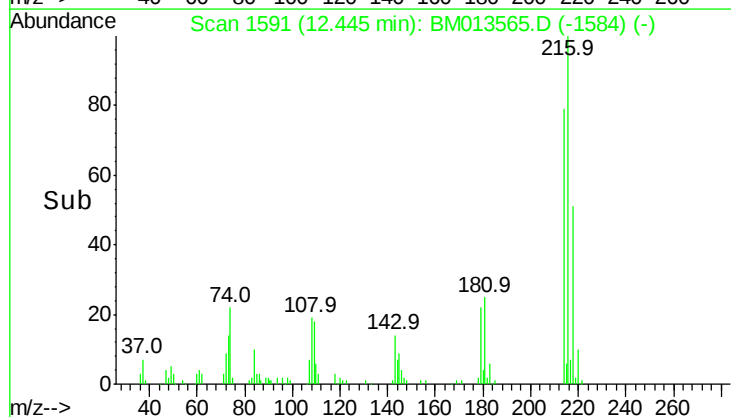
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

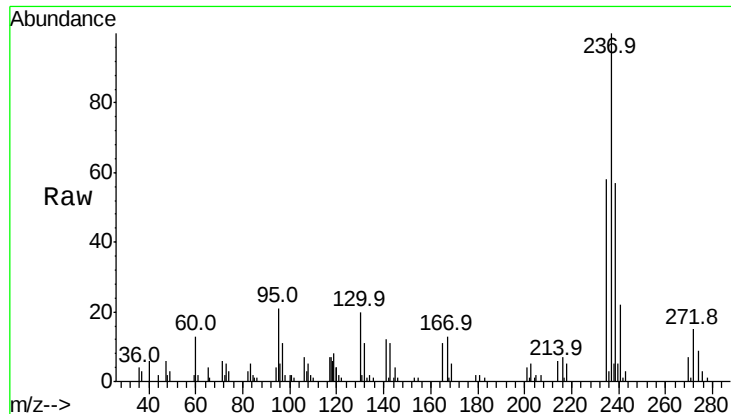
Tot Ion:142 Resp: 264544
 Ion Ratio Lower Upper
 142 100
 141 87.9 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.670 ng/ul
 RT: 12.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion:216 Resp: 159425
 Ion Ratio Lower Upper
 216 100
 214 79.4 60.6 90.8
 179 22.0 17.5 26.3
 108 19.8 11.3 16.9#

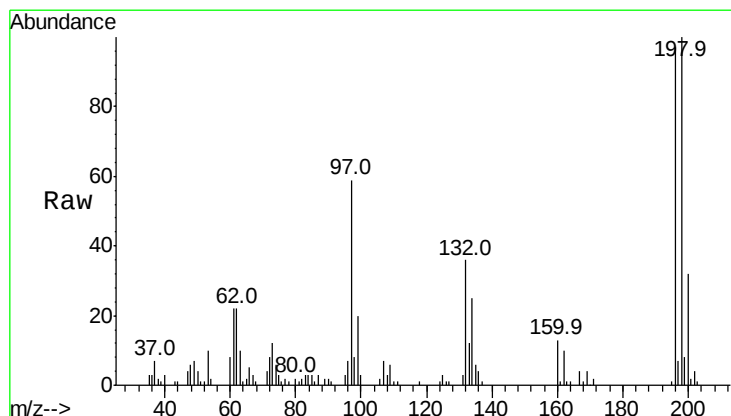
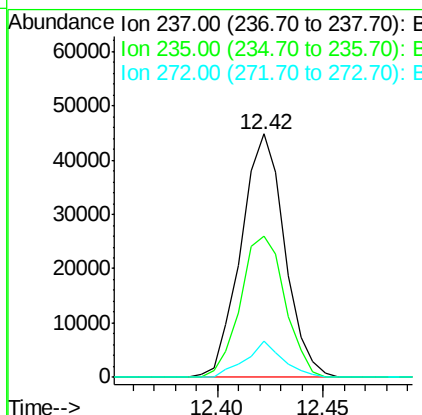
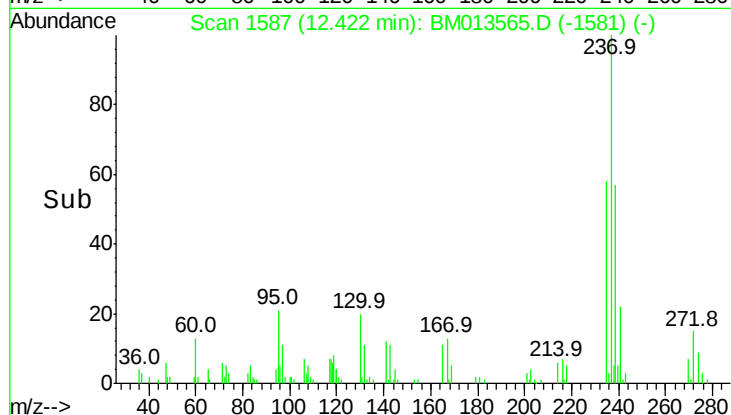




#37
Hexachlorocyclopentadiene
Concen: 19.193 ng/ul
RT: 12.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BM013565.D
Acq: 10 Jan 2018 14:55

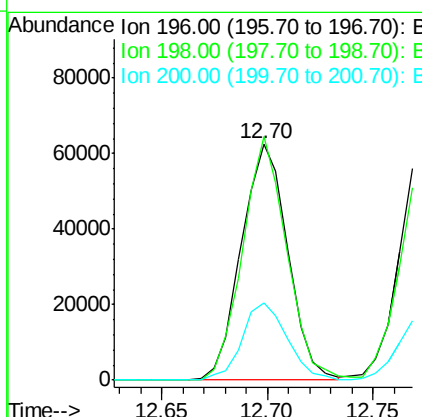
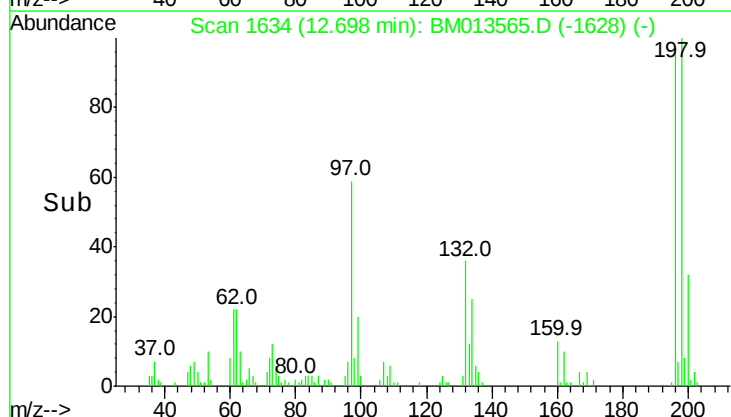
Instrument :
BNA_M
ClientSampleId :
SSTD02015

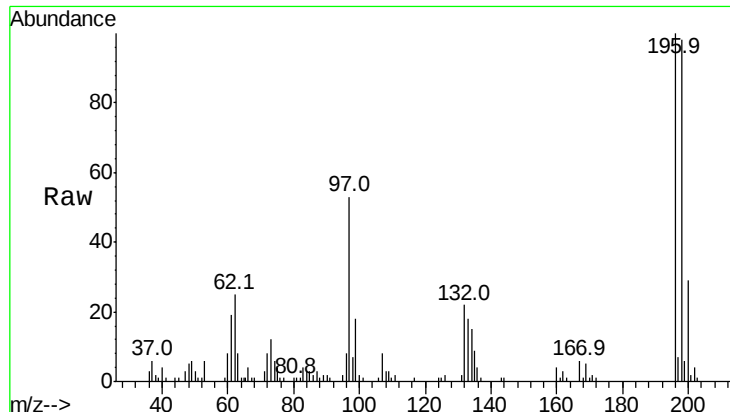
Tot Ion:237 Resp: 64581
Ion Ratio Lower Upper
237 100
235 57.8 50.2 75.4
272 14.9 11.0 16.6



#38
2,4,6-Trichlorophenol
Concen: 20.307 ng/ul
RT: 12.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BM013565.D
Acq: 10 Jan 2018 14:55

Tgt Ion:196 Resp: 95268
Ion Ratio Lower Upper
196 100
198 102.9 74.1 111.1
200 32.7 25.2 37.8

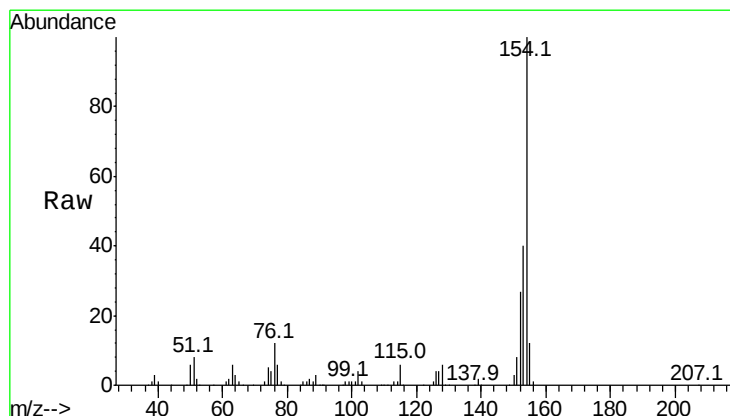
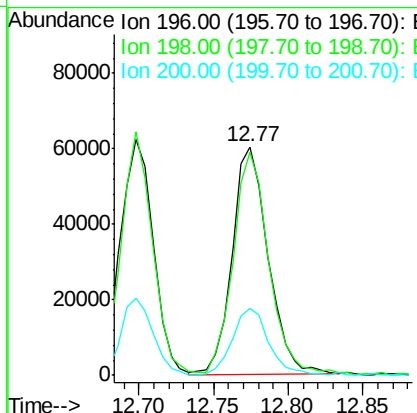
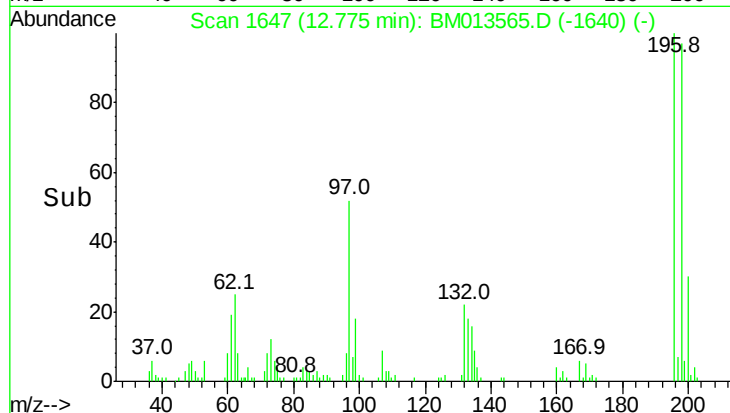




#39
 2,4,5-Trichlorophenol
 Concen: 20.604 ng/ul
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

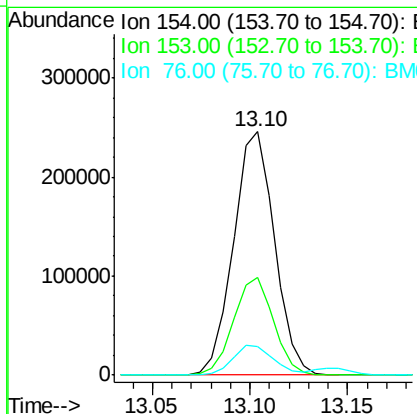
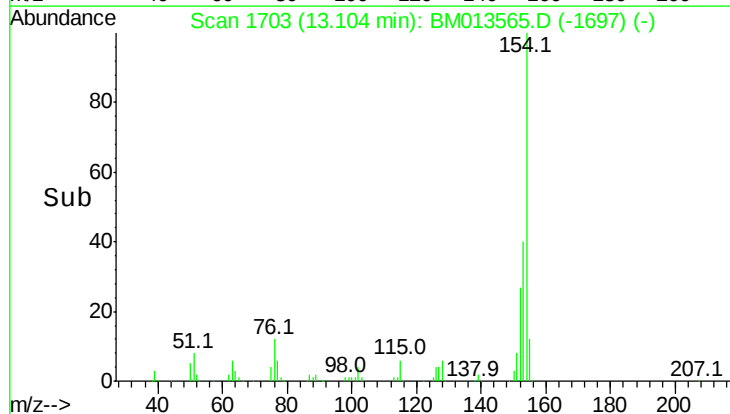
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

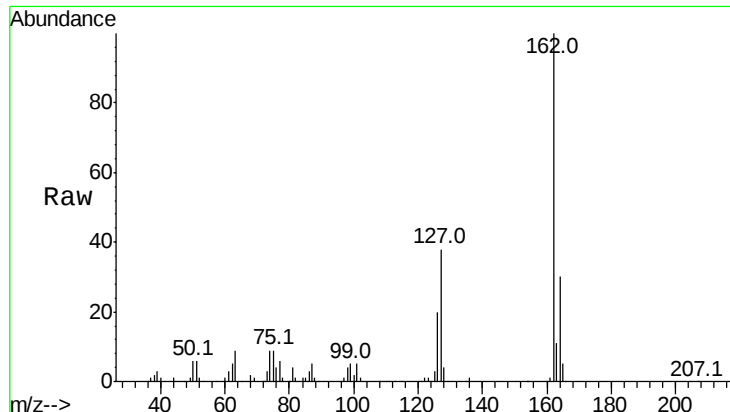
Tot Ion:	196	Resp:	100581
Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.6	113.4
200	29.4	25.5	38.3



#40
 1,1'-Biphenyl
 Concen: 19.690 ng/ul
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion:	154	Resp:	358505
Ion	Ratio	Lower	Upper
154	100		
153	40.3	32.6	48.8
76	11.7	8.5	12.7

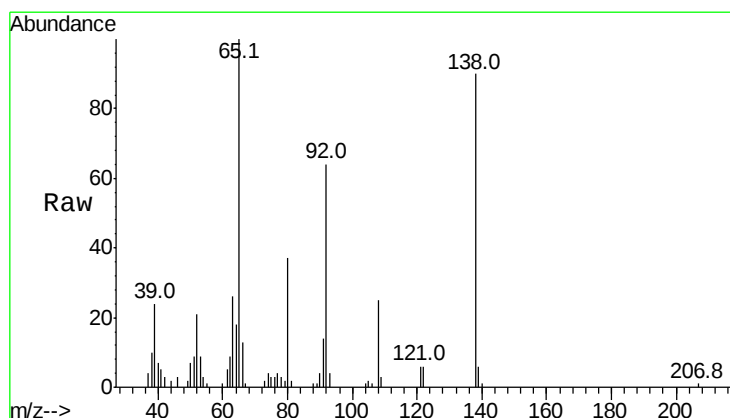
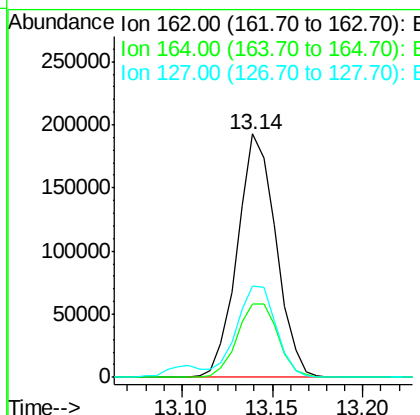
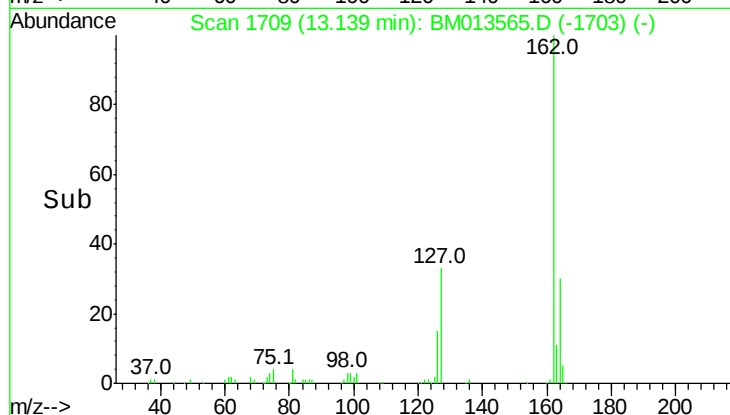




#41
 2-Chloronaphthalene
 Concen: 20.047 ng/ul
 RT: 13.14 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

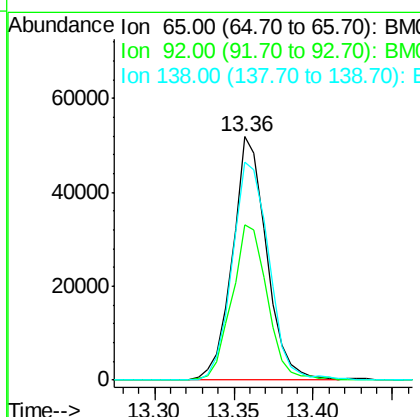
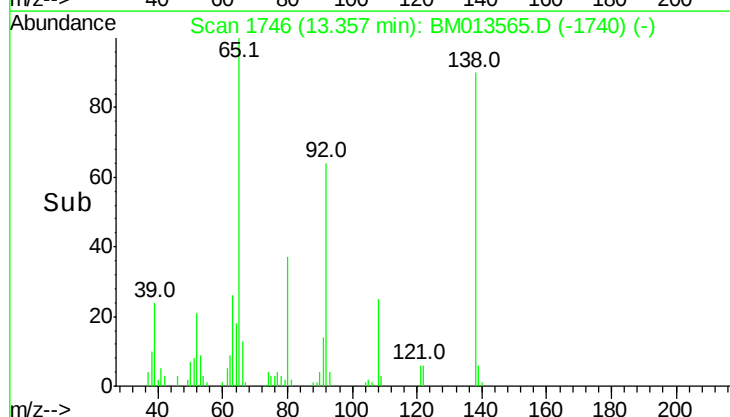
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

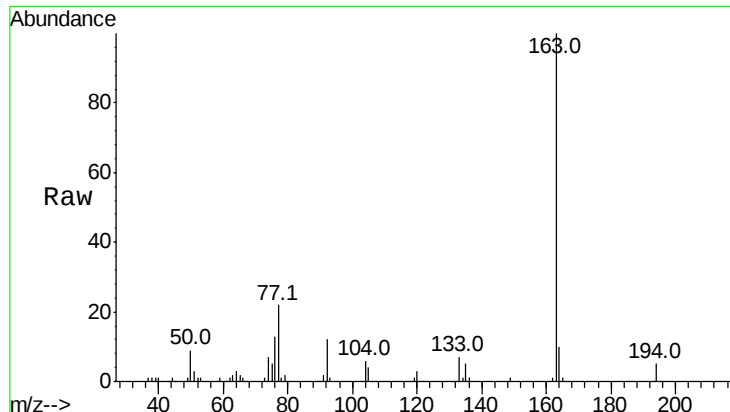
Tot Ion:162 Resp: 285321
 Ion Ratio Lower Upper
 162 100
 164 30.4 25.9 38.9
 127 37.7 29.4 44.2



#42
 2-Nitroaniline
 Concen: 19.745 ng/ul
 RT: 13.36 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion: 65 Resp: 77519
 Ion Ratio Lower Upper
 65 100
 92 63.8 51.8 77.6
 138 89.5 74.2 111.4





#44

Dimethylphthalate

Concen: 19.708 ng/ul

RT: 13.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

SSTD02015

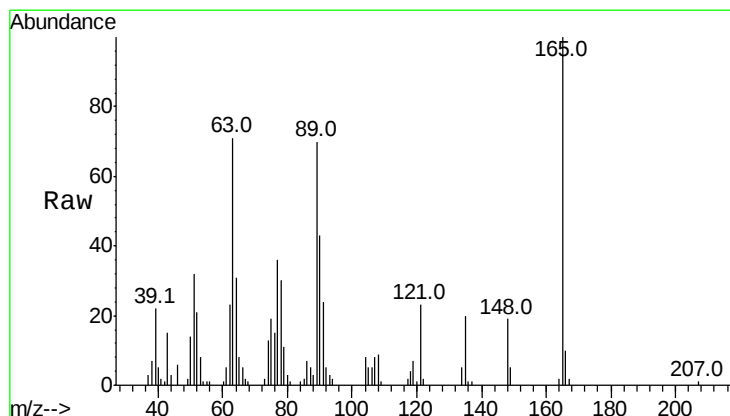
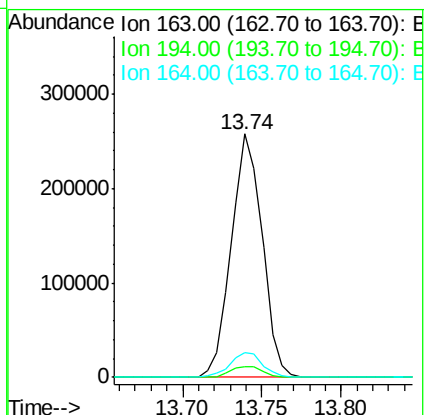
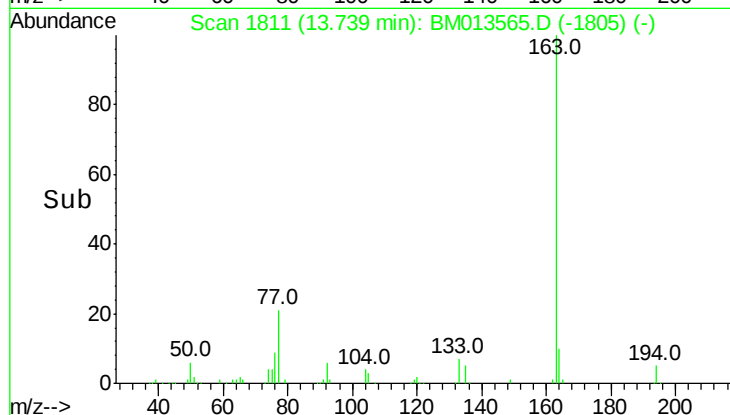
Tot Ion:163 Resp: 349324

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.0 8.2 12.4



#45

2,6-Dinitrotoluene

Concen: 19.839 ng/ul

RT: 13.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

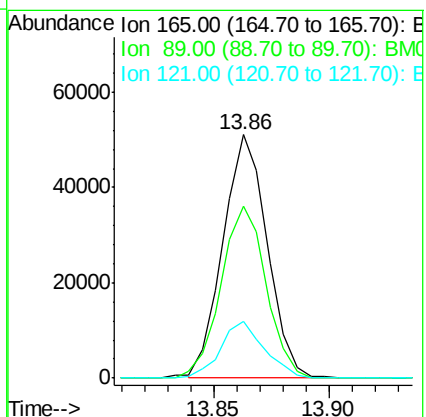
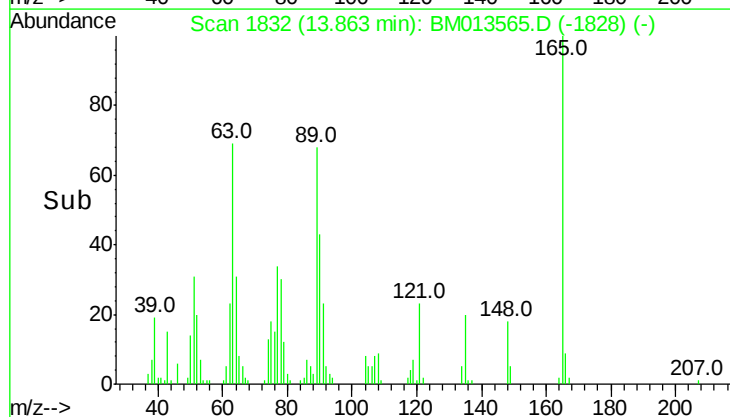
Tgt Ion:165 Resp: 68143

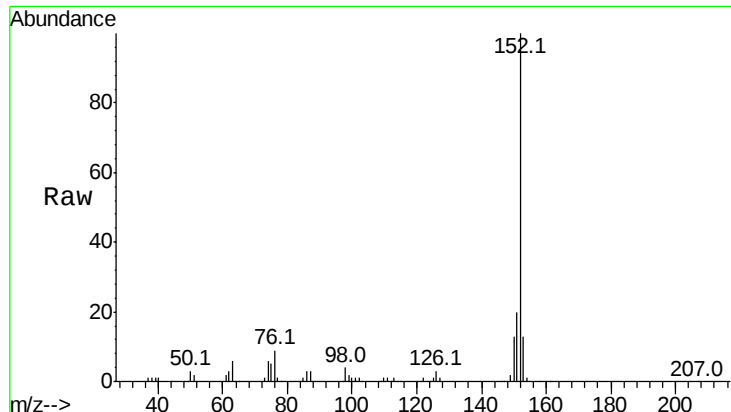
Ion Ratio Lower Upper

165 100

89 70.4 52.6 79.0

121 23.2 14.6 22.0#





#47

Acenaphthylene

Concen: 20.130 ng/ul

RT: 14.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

SSTD02015

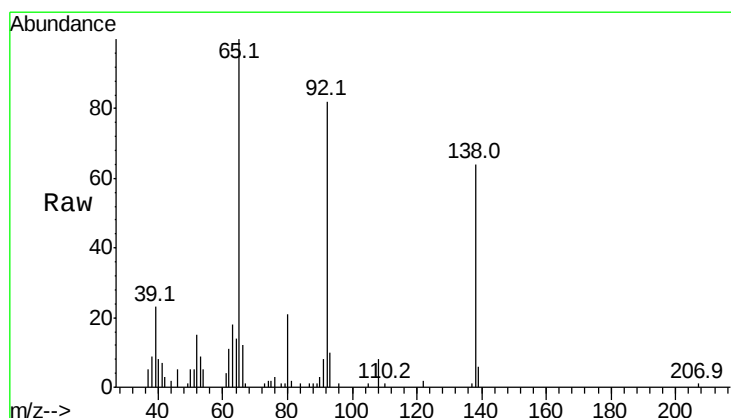
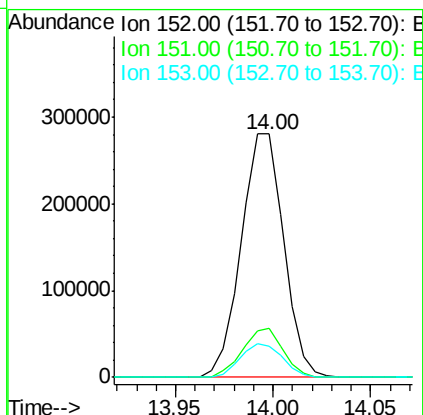
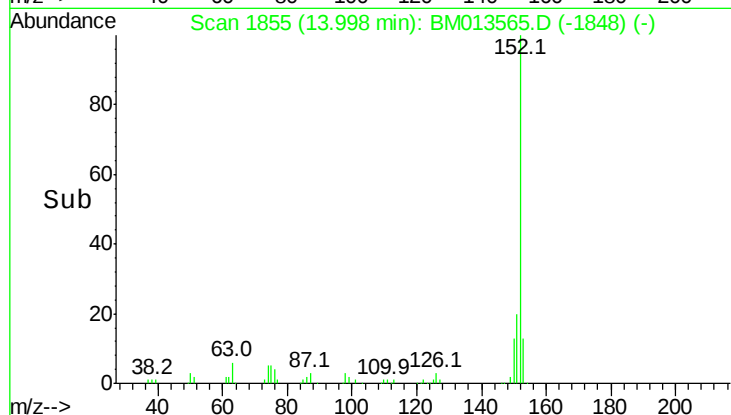
Tot Ion:152 Resp: 423403

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.0 10.2 15.4



#48

3-Nitroaniline

Concen: 18.011 ng/ul

RT: 14.19 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

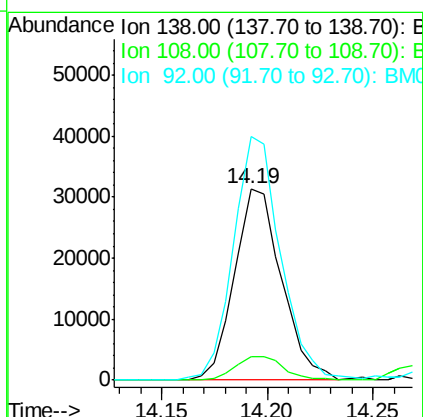
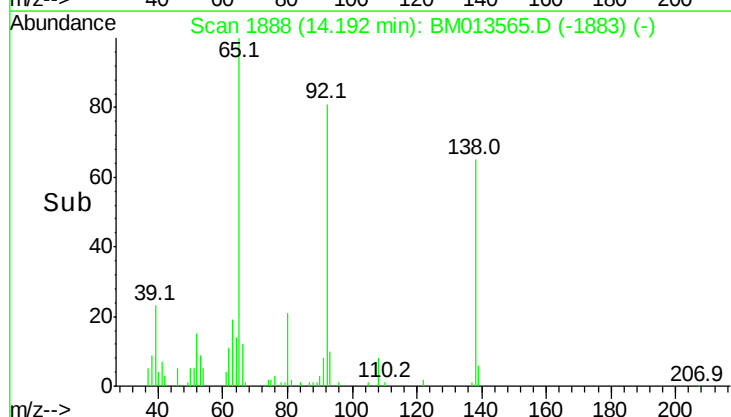
Tgt Ion:138 Resp: 48652

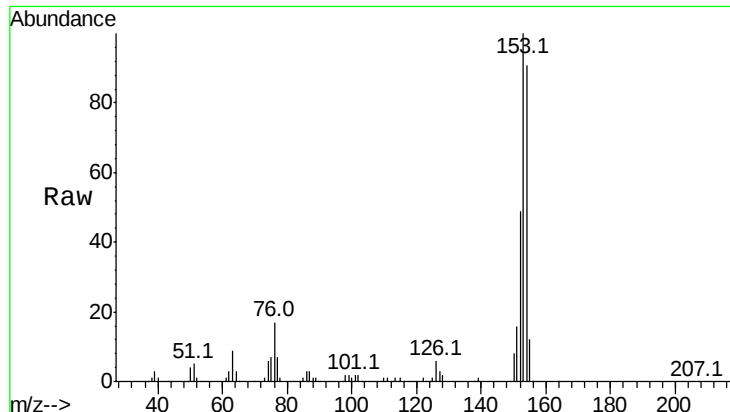
Ion Ratio Lower Upper

138 100

108 12.6 9.9 14.9

92 127.3 105.0 157.4

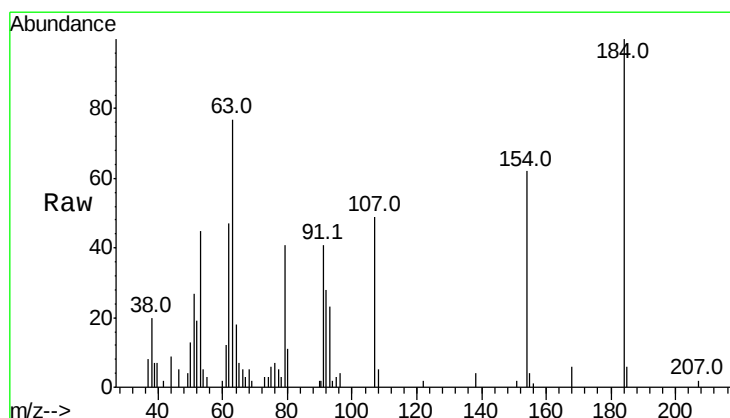
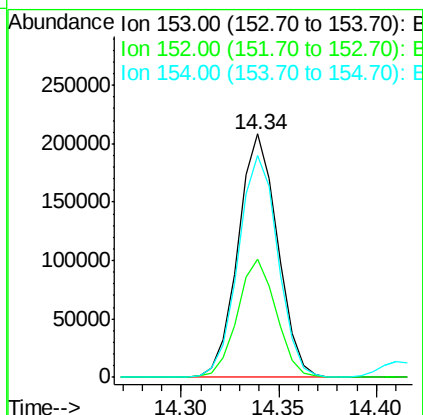
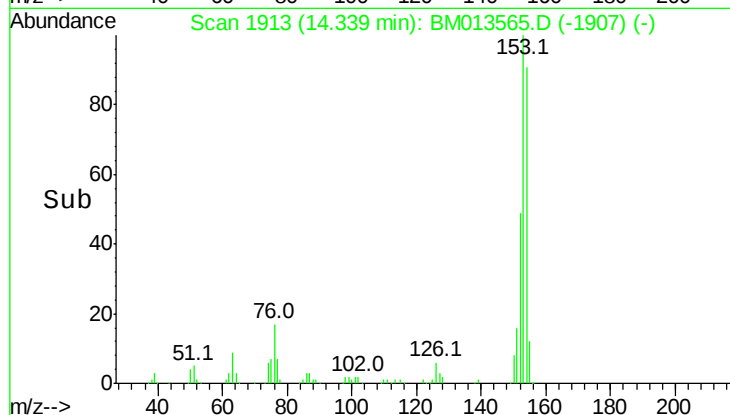




#49
 Acenaphthene
 Concen: 20.106 ng/ul
 RT: 14.34 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

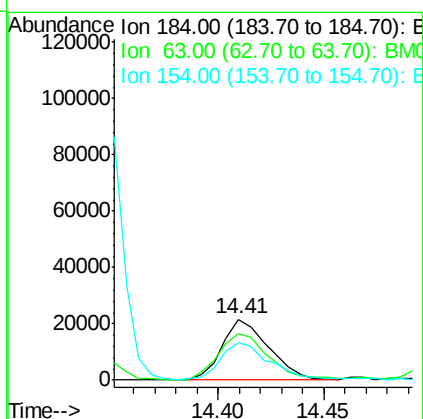
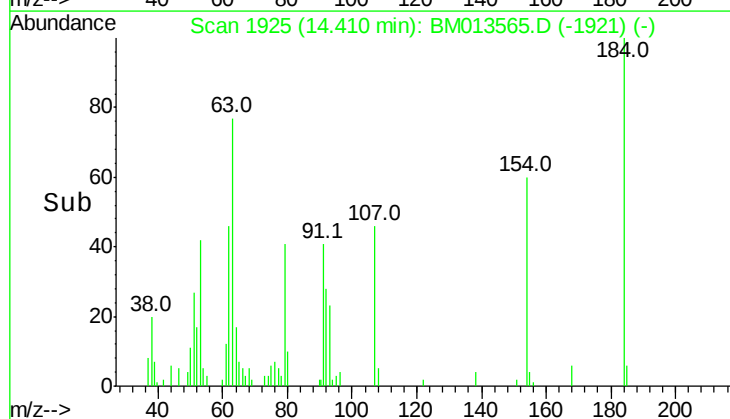
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

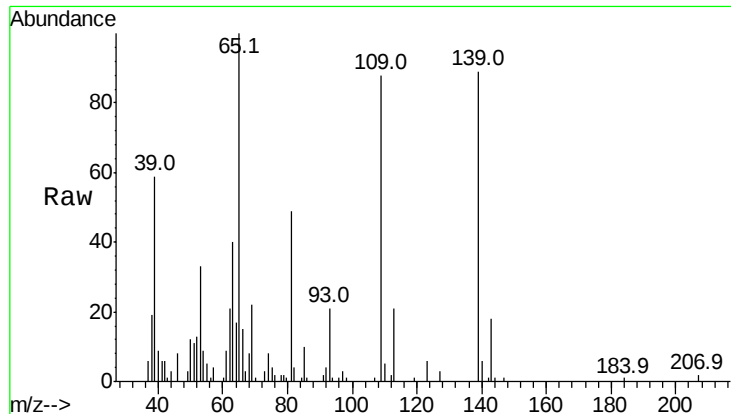
Tot Ion:153 Resp: 292891
 Ion Ratio Lower Upper
 153 100
 152 48.6 37.6 56.4
 154 91.1 70.4 105.6



#50
 2,4-Dinitrophenol
 Concen: 16.793 ng/ul
 RT: 14.41 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion:184 Resp: 33065
 Ion Ratio Lower Upper
 184 100
 63 77.1 50.1 75.1#
 154 62.1 54.5 81.7





#52

4-Nitrophenol

Concen: 20.181 ng/ul

RT: 14.52 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

SSTD02015

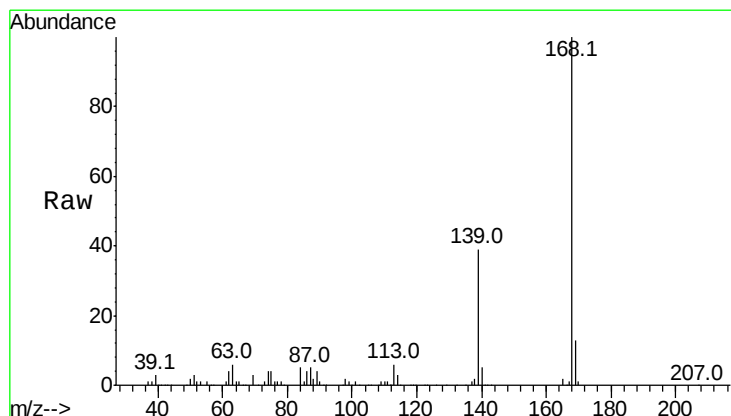
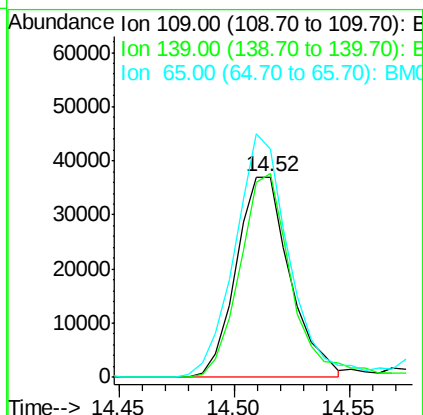
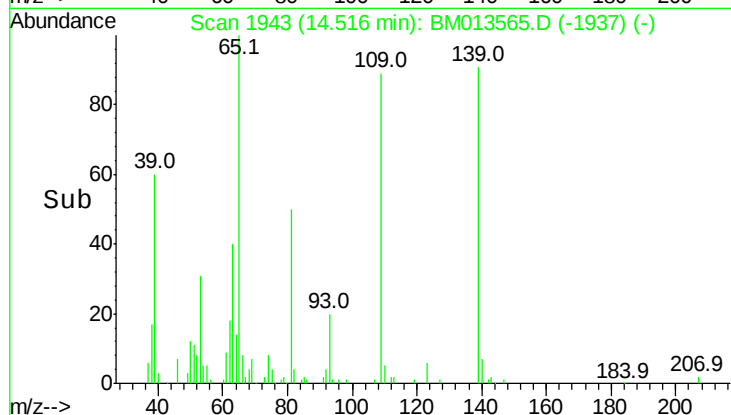
Tot Ion:109 Resp: 60060

Ion Ratio Lower Upper

109 100

139 102.1 80.0 120.0

65 114.1 120.0 180.0#



#53

Dibenzofuran

Concen: 20.210 ng/ul

RT: 14.68 min Scan# 1971

Delta R.T. 0.01 min

Lab File: BM013565.D

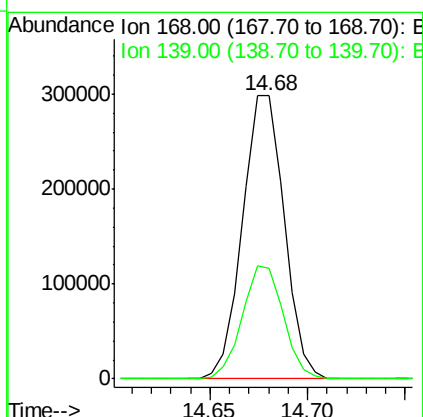
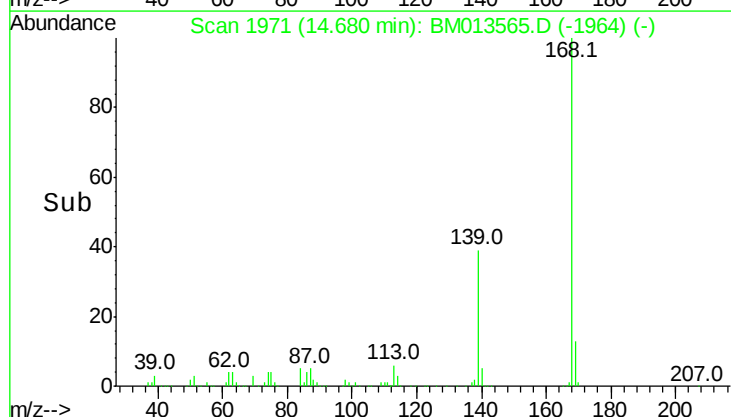
Acq: 10 Jan 2018 14:55

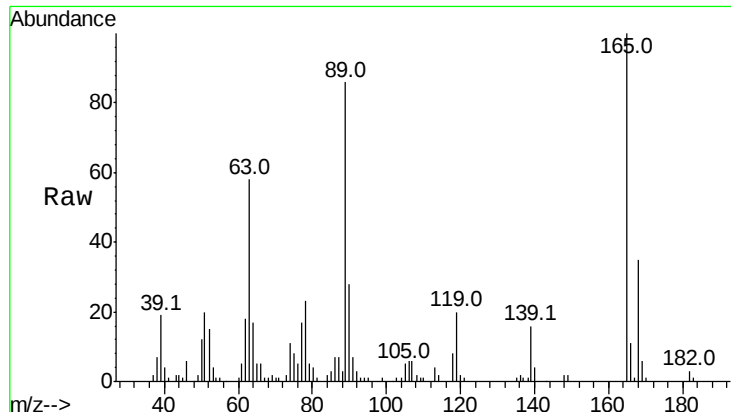
Tgt Ion:168 Resp: 442888

Ion Ratio Lower Upper

168 100

139 39.2 30.8 46.2

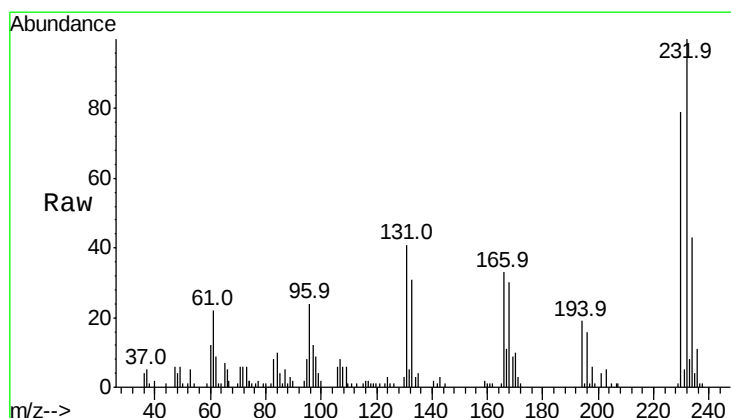
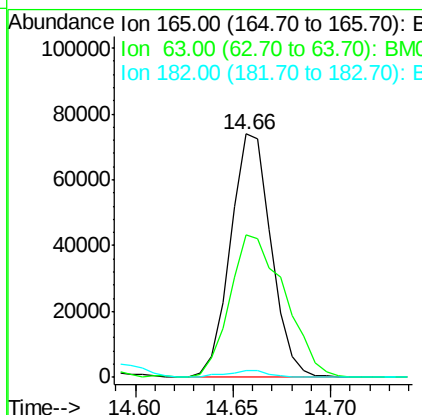
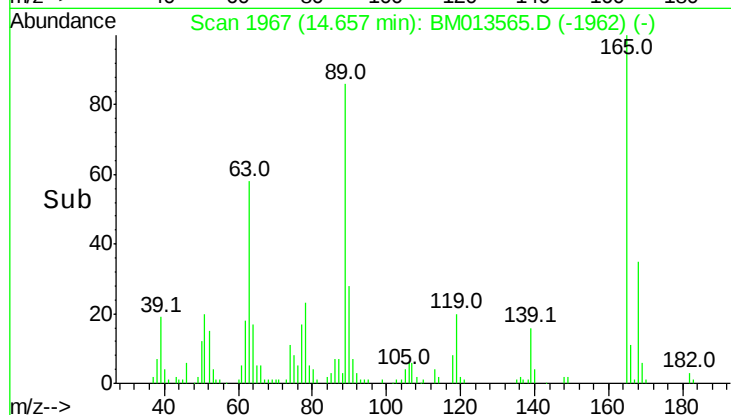




#54
 2,4-Dinitrotoluene
 Concen: 21.270 ng/ul
 RT: 14.66 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

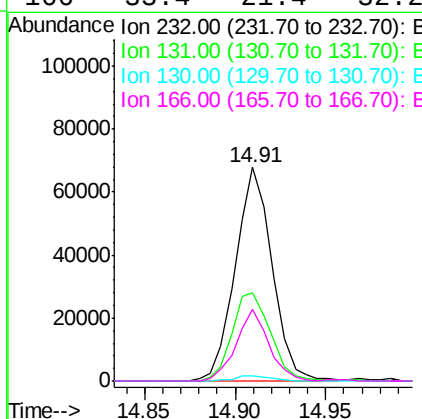
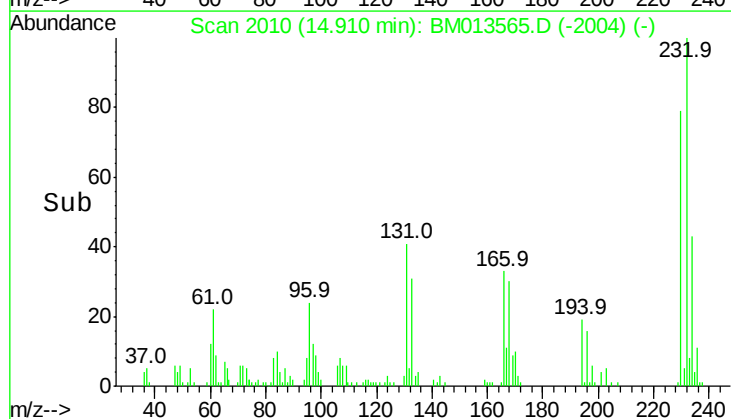
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

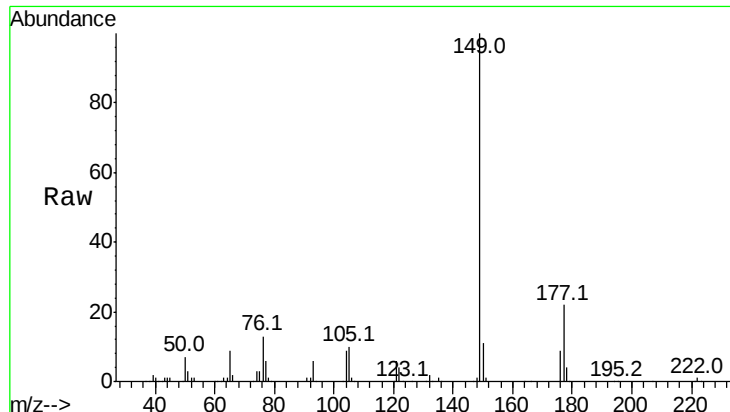
Tot Ion:	165	Resp:	106498
Ion	Ratio	Lower	Upper
165	100		
63	58.4	45.8	68.8
182	2.9	2.6	4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.817 ng/ul
 RT: 14.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion:	232	Resp:	95585
Ion	Ratio	Lower	Upper
232	100		
131	41.4	29.0	43.4
130	2.6	2.0	3.0
166	33.4	21.4	32.2#

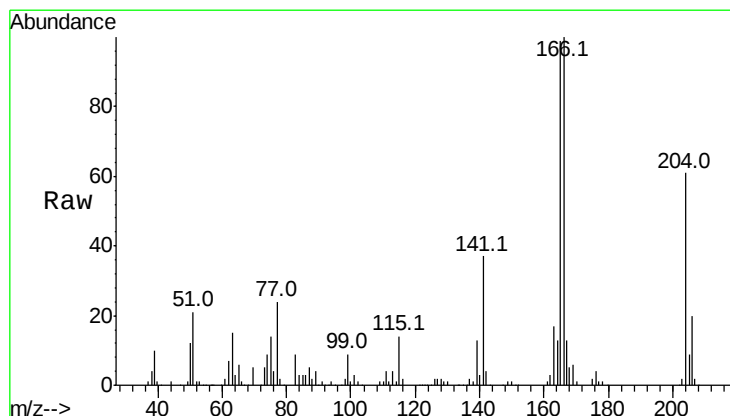
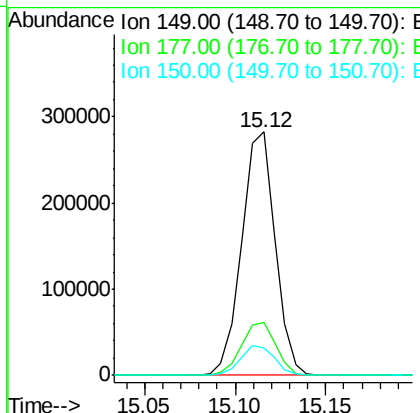
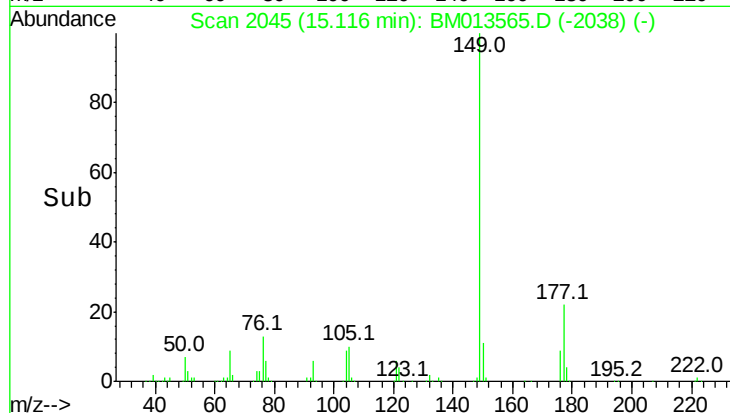




#56
Diethylphthalate
Concen: 20.327 ng/ul
RT: 15.12 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BM013565.D
Acq: 10 Jan 2018 14:55

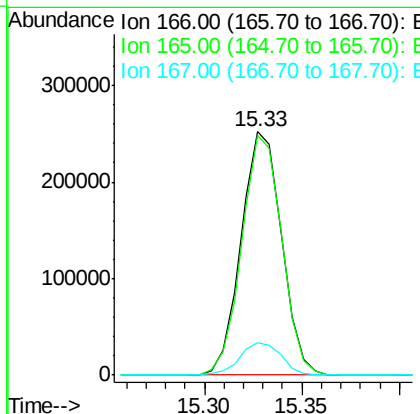
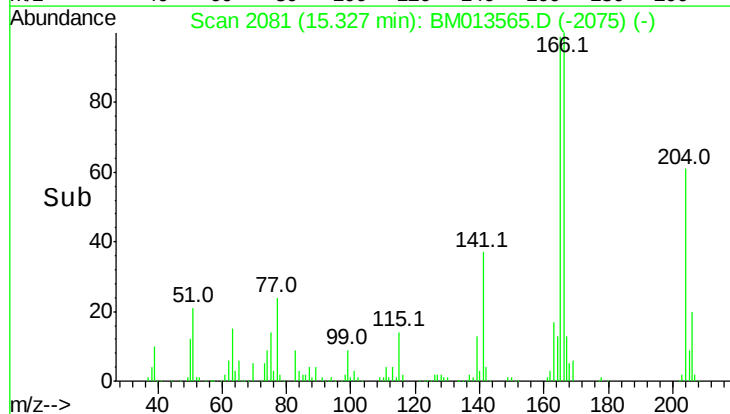
Instrument :
BNA_M
ClientSampleId :
SSTD02015

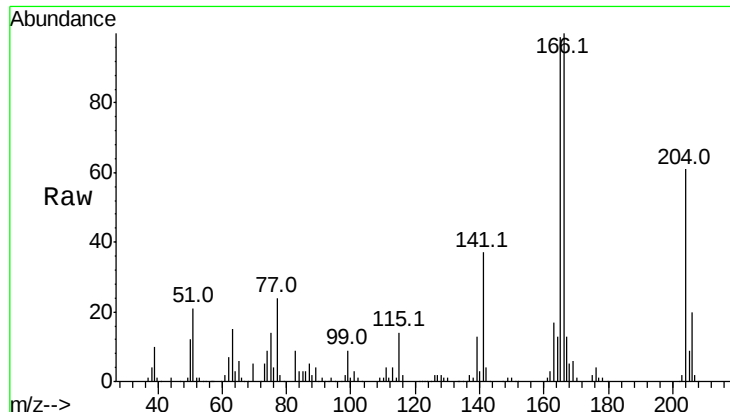
Tot Ion:149 Resp: 362589
Ion Ratio Lower Upper
149 100
177 22.0 20.5 30.7
150 11.4 10.6 15.8



#58
Fluorene
Concen: 20.170 ng/ul
RT: 15.33 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BM013565.D
Acq: 10 Jan 2018 14:55

Tgt Ion:166 Resp: 362082
Ion Ratio Lower Upper
166 100
165 98.5 77.9 116.9
167 13.2 10.6 16.0

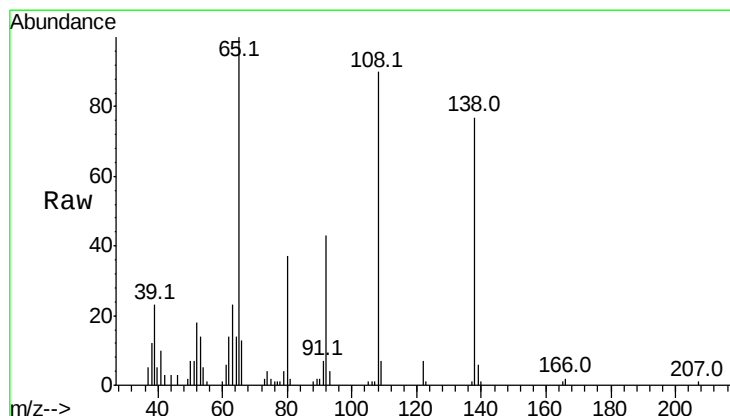
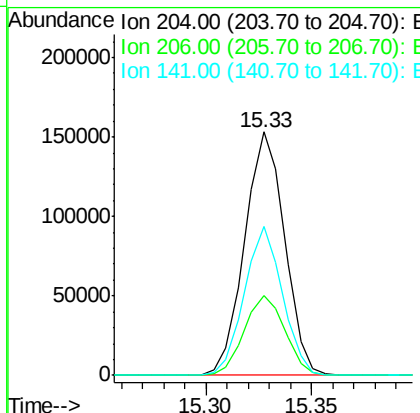
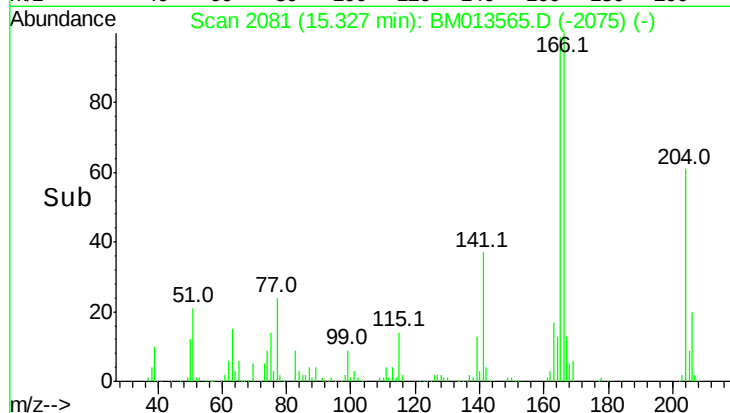




#59
 4-Chlorophenyl-phenylether
 Concen: 20.896 ng/ul
 RT: 15.33 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

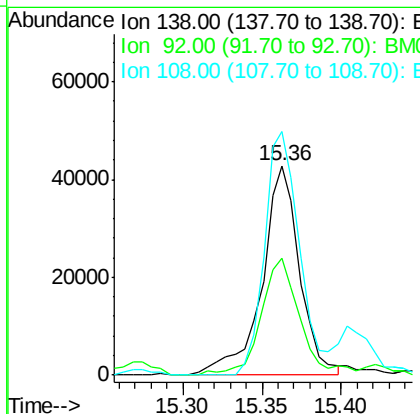
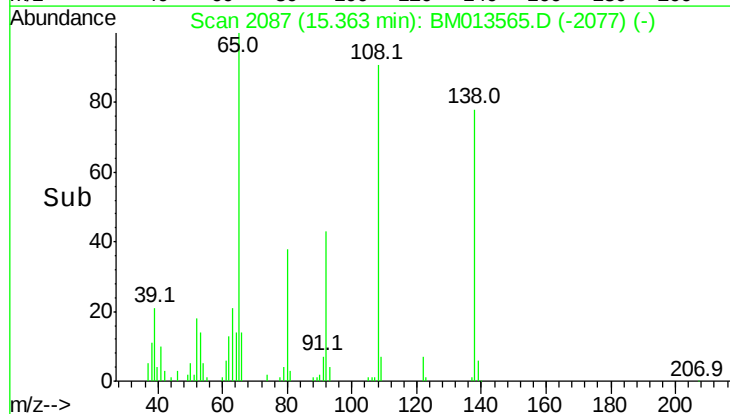
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

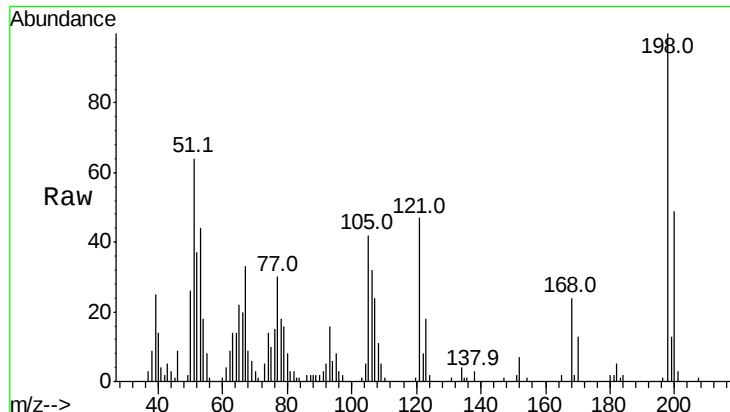
Tot Ion:	204	Resp:	202688
Ion	Ratio	Lower	Upper
204	100		
206	33.0	24.8	37.2
141	61.1	44.3	66.5



#60
 4-Nitroaniline
 Concen: 22.403 ng/ul
 RT: 15.36 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion:	138	Resp:	70808
Ion	Ratio	Lower	Upper
138	100		
92	55.7	40.0	60.0
108	116.3	80.0	120.0

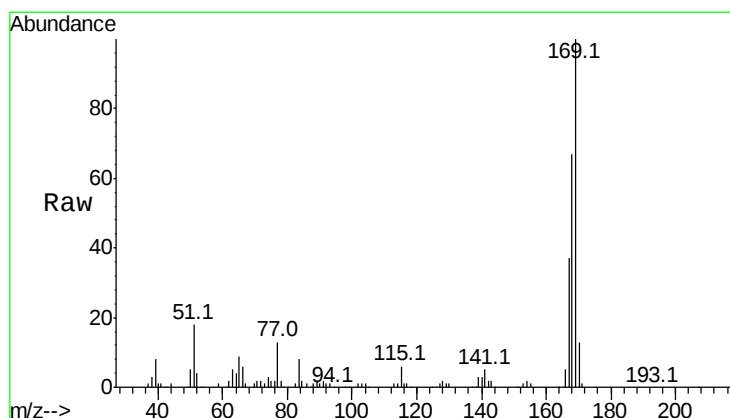
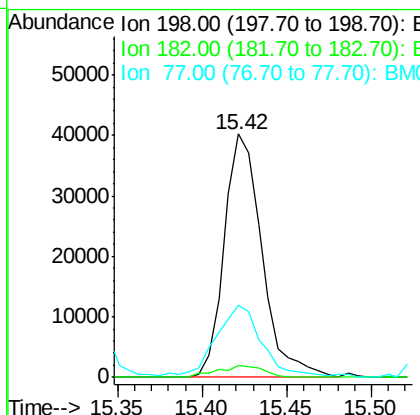
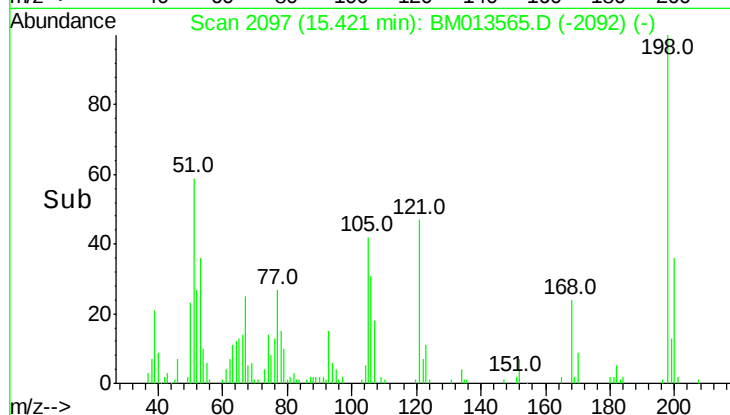




#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.079 ng/ul
 RT: 15.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

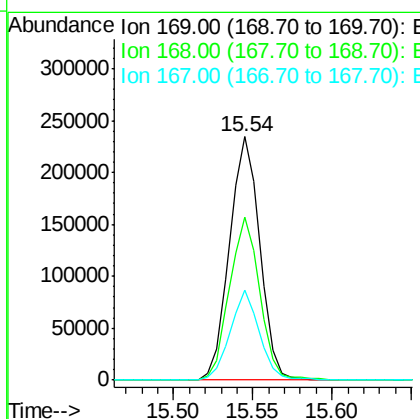
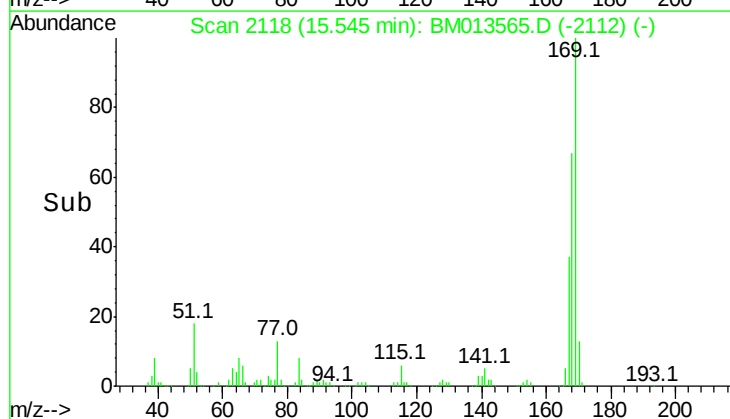
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

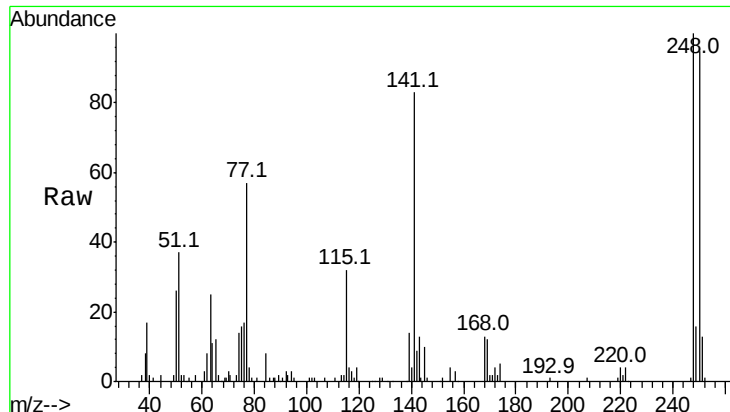
Tot Ion:198 Resp: 62480
 Ion Ratio Lower Upper
 198 100
 182 5.0 3.8 5.6
 77 29.6 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 19.423 ng/ul
 RT: 15.54 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion:169 Resp: 310727
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.0 81.0
 167 37.2 29.1 43.7





#65

4-Bromophenyl-phenylether

Concen: 19.895 ng/ul

RT: 16.22 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

SSTD02015

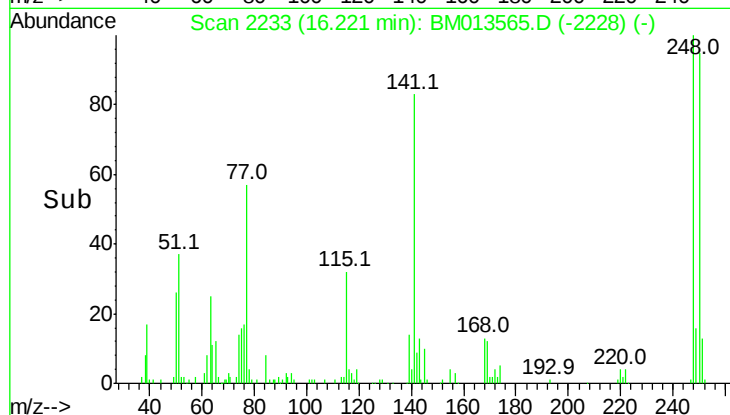
Tot Ion:248 Resp: 127820

Ion Ratio Lower Upper

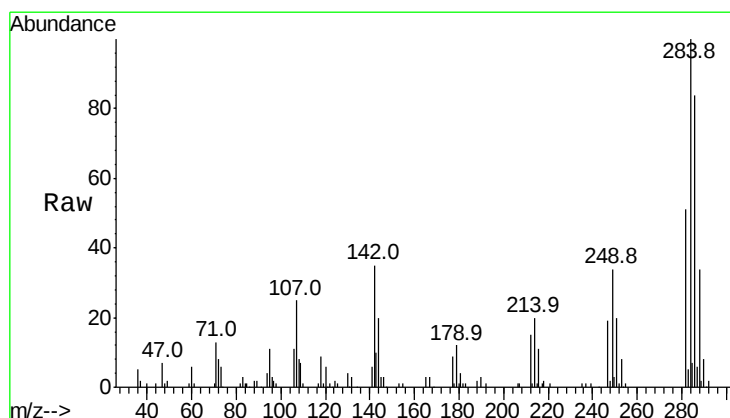
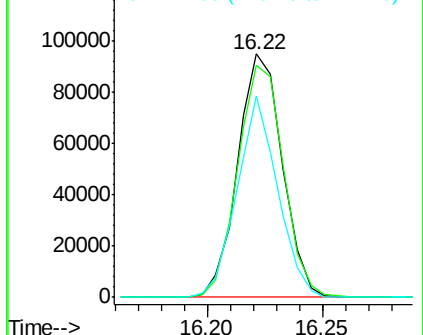
248 100

250 95.5 80.5 120.7

141 82.7 53.6 80.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#66

Hexachlorobenzene

Concen: 19.516 ng/ul

RT: 16.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

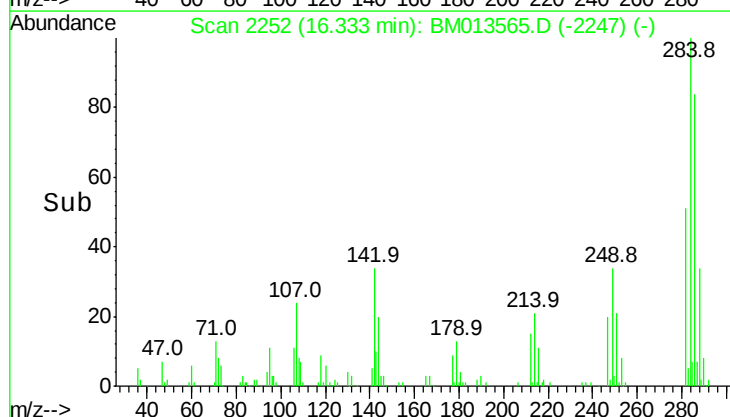
Tgt Ion:284 Resp: 134961

Ion Ratio Lower Upper

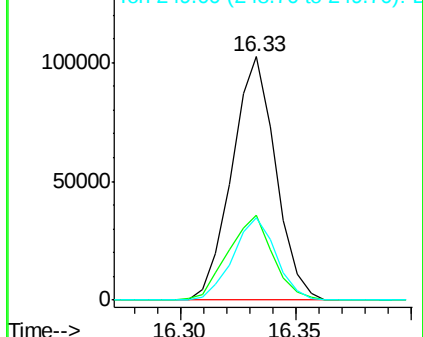
284 100

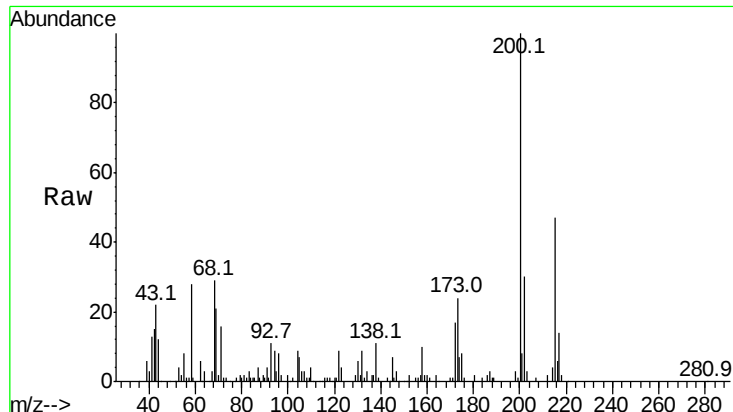
142 34.8 21.2 31.8#

249 33.6 24.5 36.7



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#67

Atrazine

Concen: 19.944 ng/ul

RT: 16.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

SSTD02015

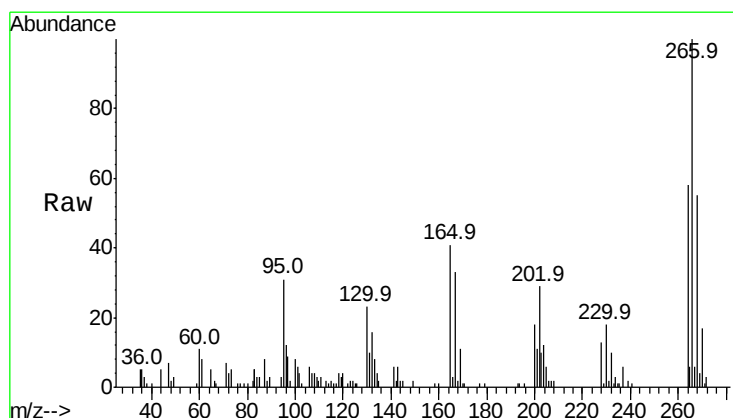
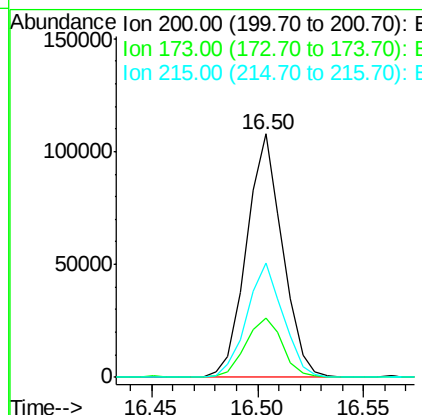
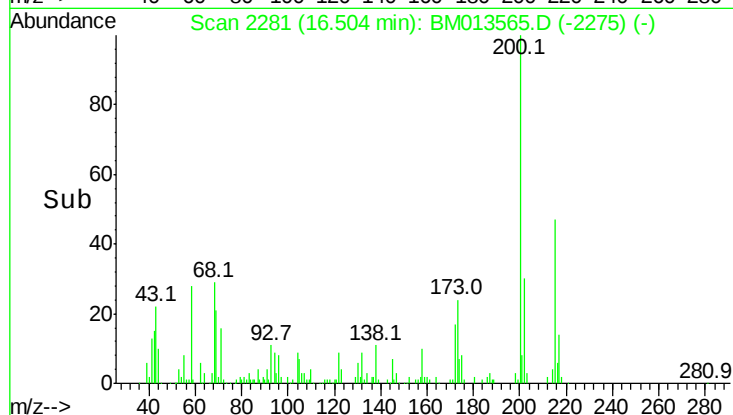
Tot Ion:200 Resp: 127344

Ion Ratio Lower Upper

200 100

173 24.4 18.2 27.2

215 46.9 35.0 52.4



#68

Pentachlorophenol

Concen: 18.385 ng/ul

RT: 16.69 min Scan# 2312

Delta R.T. 0.01 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

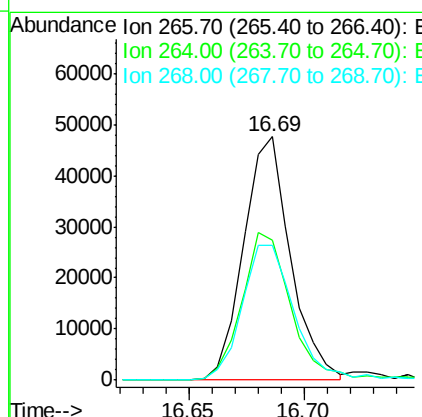
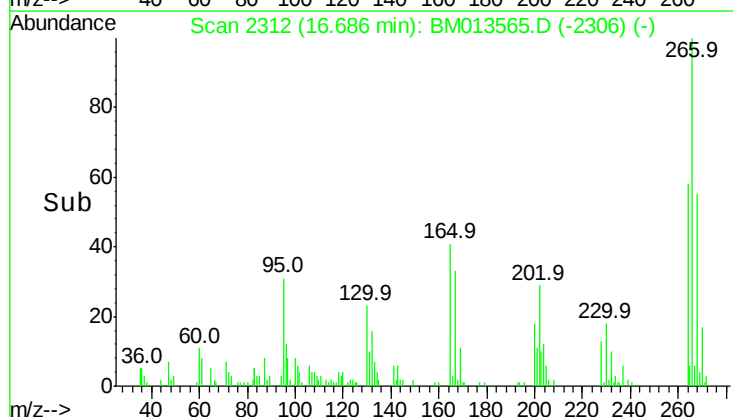
Tgt Ion:266 Resp: 67561

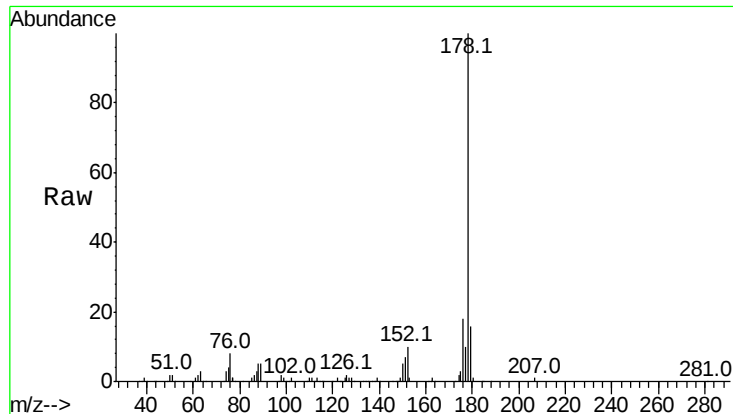
Ion Ratio Lower Upper

266 100

264 57.7 49.3 73.9

268 55.5 52.6 78.8

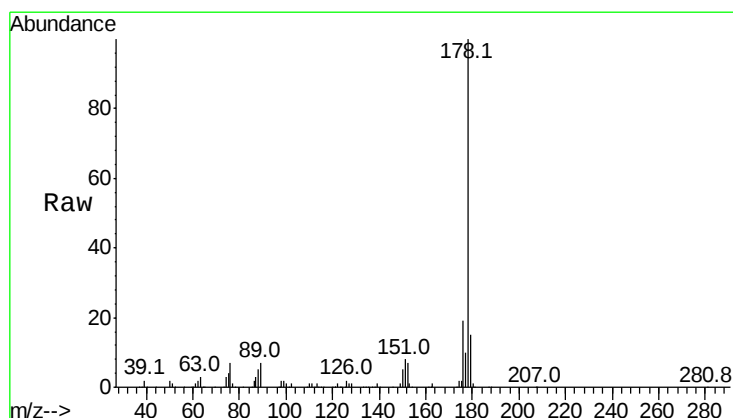
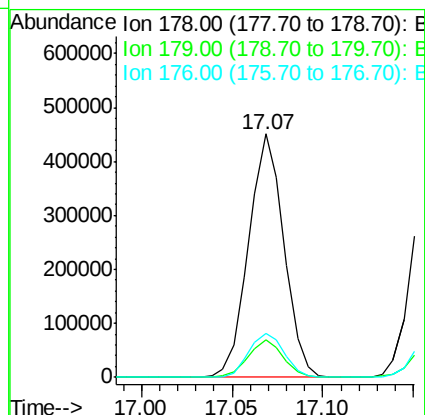
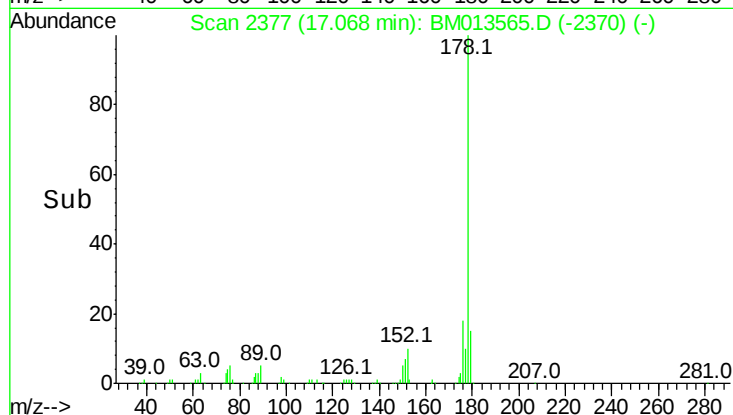




#69
 Phenanthrene
 Concen: 20.170 ng/ul
 RT: 17.07 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

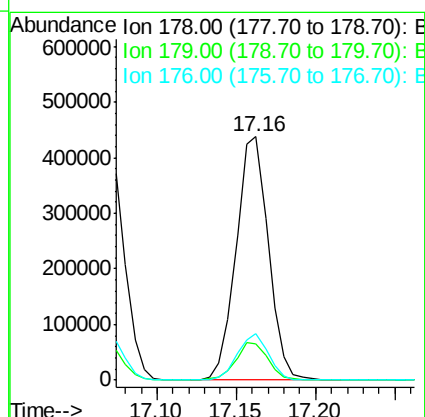
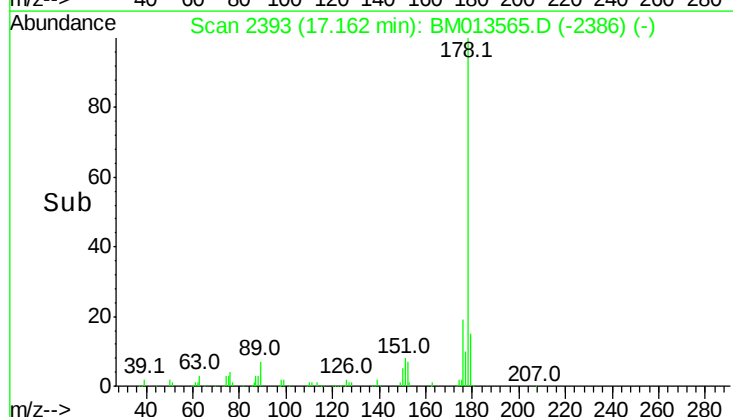
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

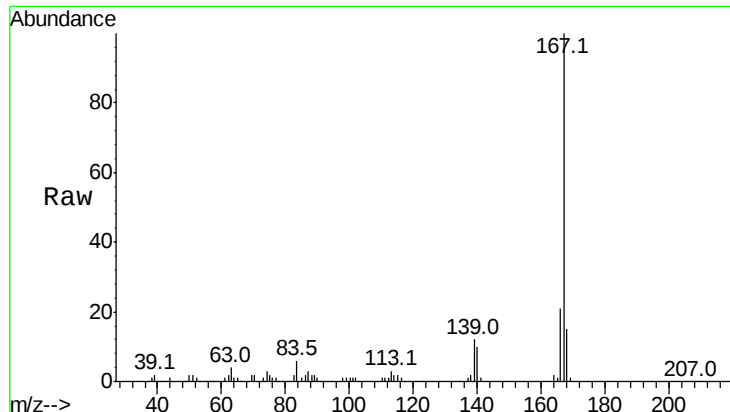
Tot Ion:178 Resp: 609861
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.6 19.0
 176 18.2 14.9 22.3



#71
 Anthracene
 Concen: 19.782 ng/ul
 RT: 17.16 min Scan# 2393
 Delta R.T. 0.01 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion:178 Resp: 616949
 Ion Ratio Lower Upper
 178 100
 179 15.0 11.7 17.5
 176 18.9 14.6 21.8





#72

Carbazole

Concen: 20.126 ng/ul

RT: 17.43 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

SSTD02015

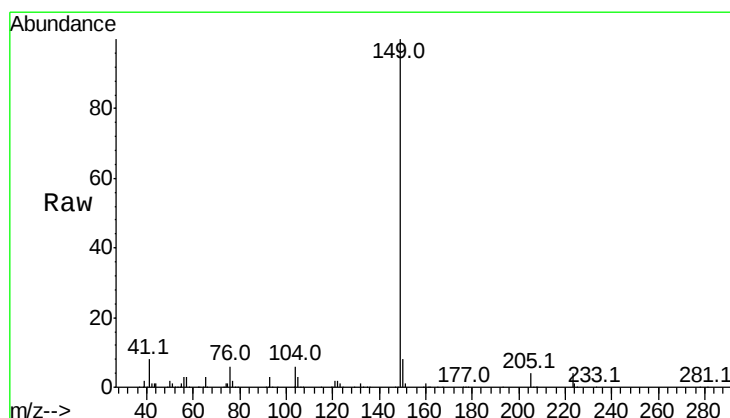
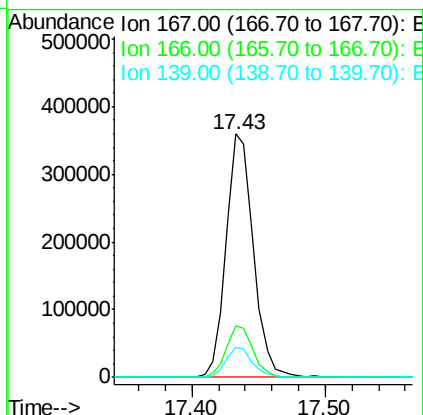
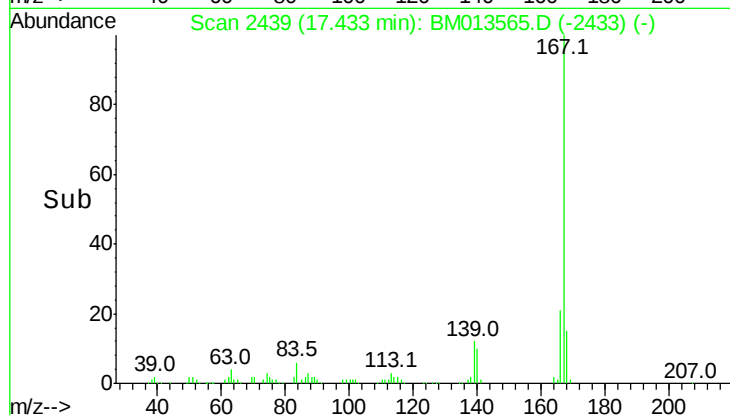
Tot Ion:167 Resp: 518112

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

139 12.3 10.0 15.0



#73

Di-n-butylphthalate

Concen: 20.388 ng/ul

RT: 18.00 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

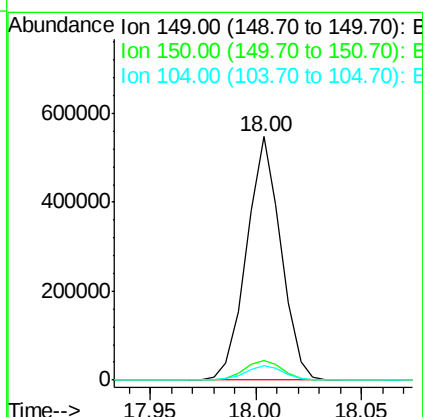
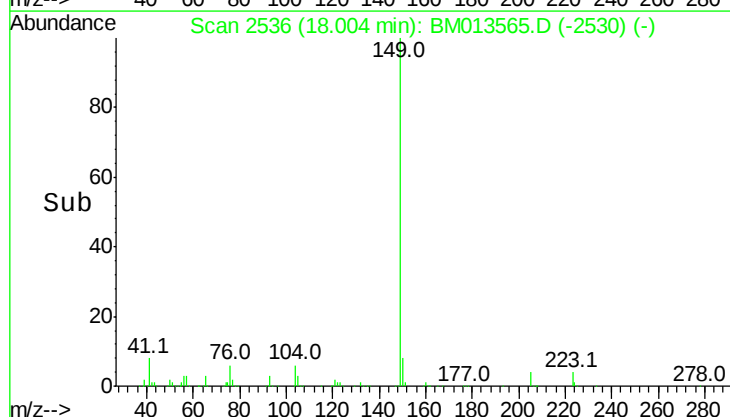
Tgt Ion:149 Resp: 617275

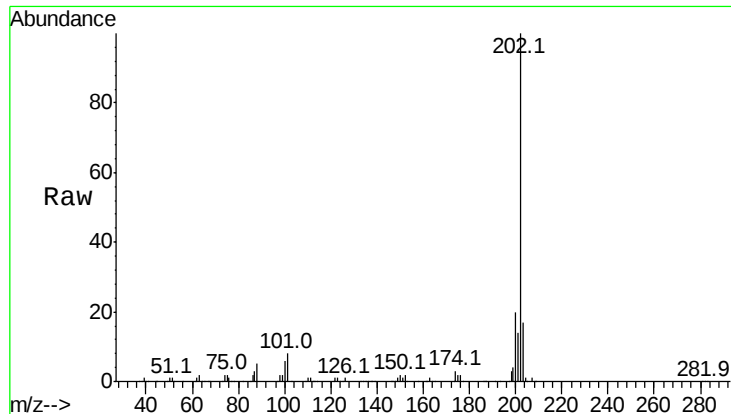
Ion Ratio Lower Upper

149 100

150 8.3 7.1 10.7

104 6.1 5.6 8.4





#74

Fluoranthene

Concen: 20.189 ng/ul

RT: 19.09 min Scan# 2721

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

SSTD02015

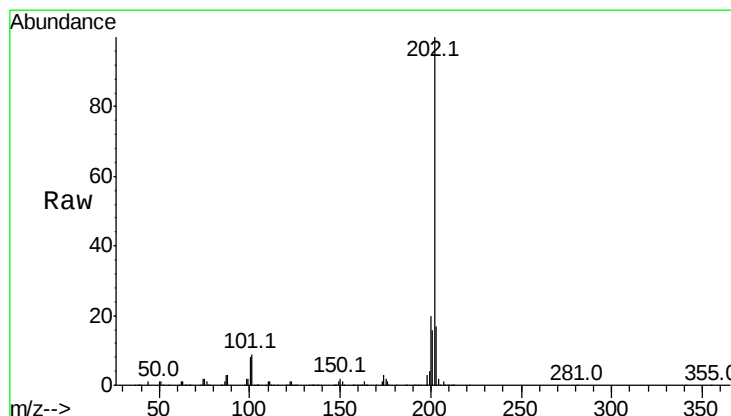
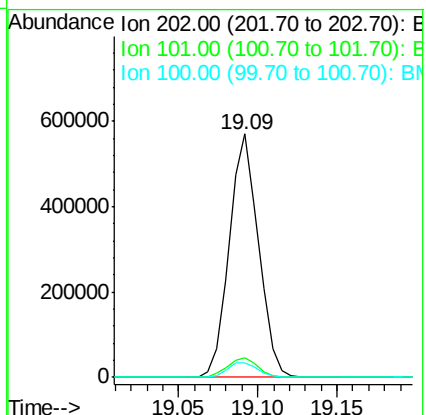
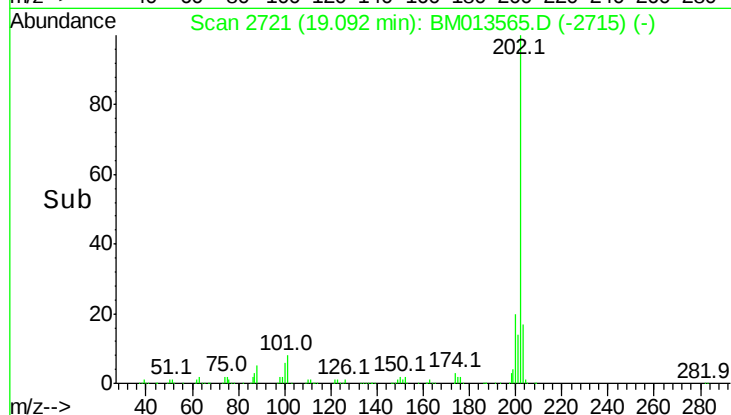
Tot Ion:202 Resp: 728667

Ion Ratio Lower Upper

202 100

101 8.1 4.6 7.0#

100 6.0 3.4 5.2#



#77

Pyrene

Concen: 19.559 ng/ul

RT: 19.46 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

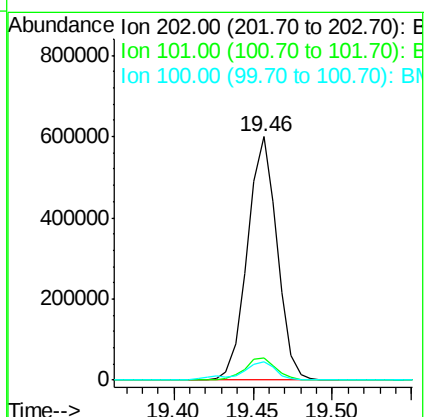
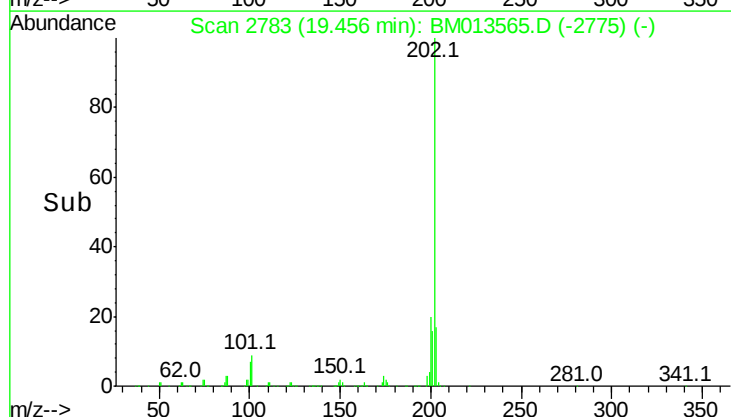
Tgt Ion:202 Resp: 776268

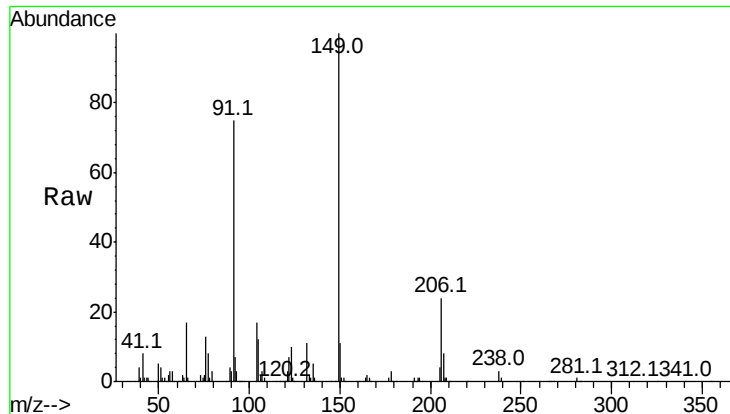
Ion Ratio Lower Upper

202 100

101 9.2 5.1 7.7#

100 7.7 4.9 7.3#

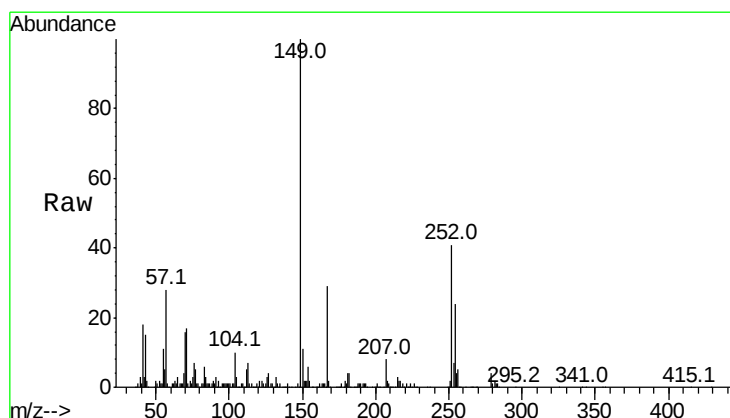
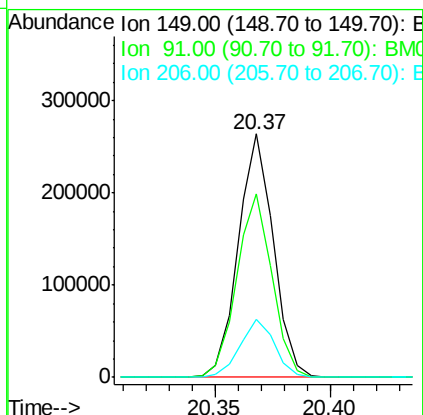
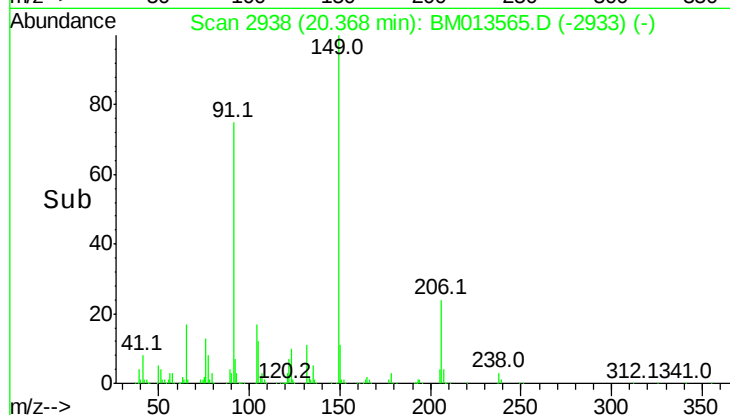




#78
 Butylbenzylphthalate
 Concen: 19.924 ng/ul
 RT: 20.37 min Scan# 2938
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

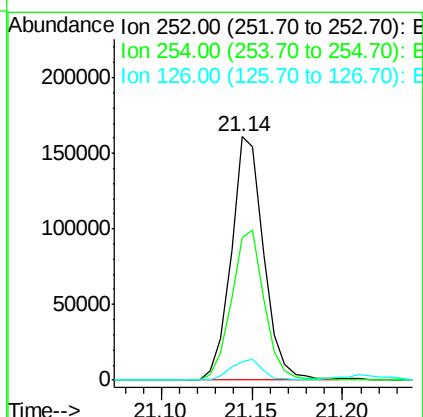
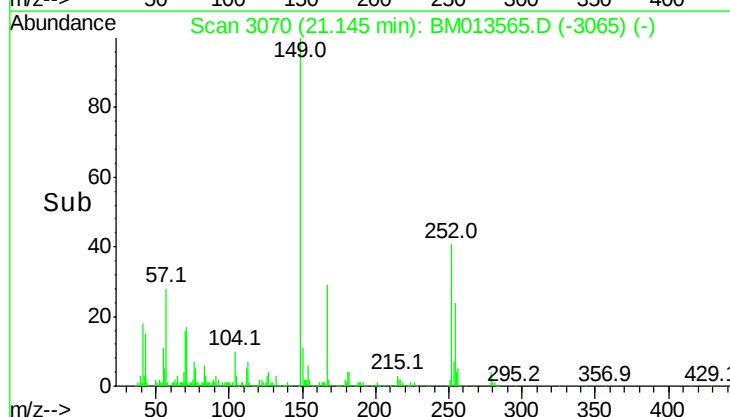
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

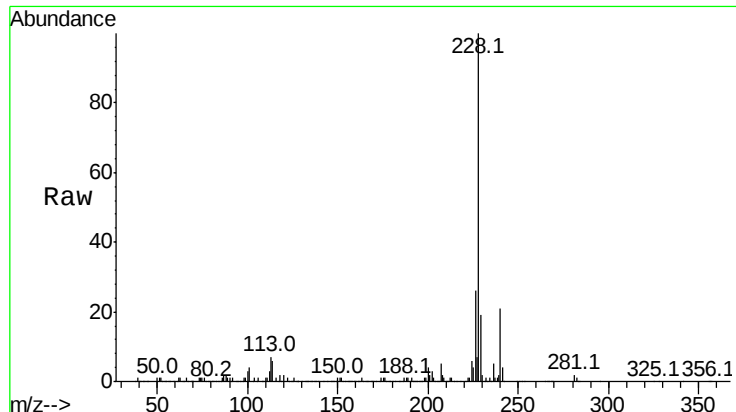
Tot Ion:149 Resp: 278554
 Ion Ratio Lower Upper
 149 100
 91 75.2 62.7 94.1
 206 23.7 20.8 31.2



#79
 3,3'-Dichlorobenzidine
 Concen: 18.557 ng/ul
 RT: 21.14 min Scan# 3070
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion:252 Resp: 200420
 Ion Ratio Lower Upper
 252 100
 254 58.4 54.5 81.7
 126 7.7 5.8 8.8





#80

Benzo(a)anthracene

Concen: 19.999 ng/ul

RT: 21.21 min Scan# 3081

Delta R.T. 0.01 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

SSTD02015

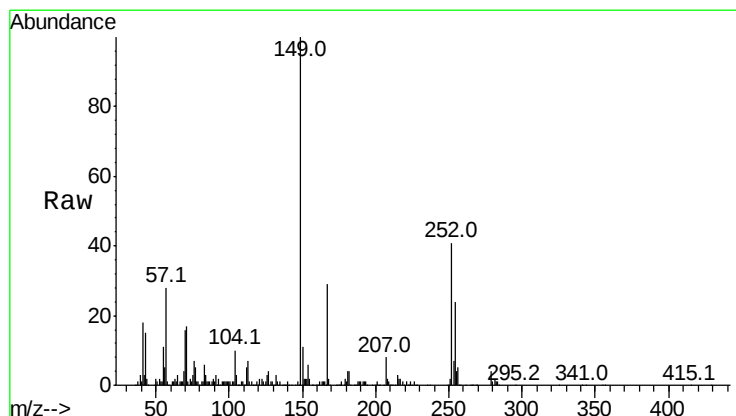
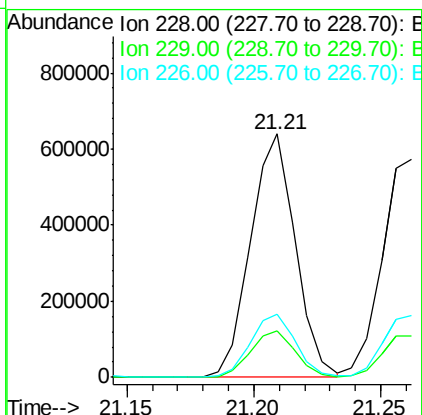
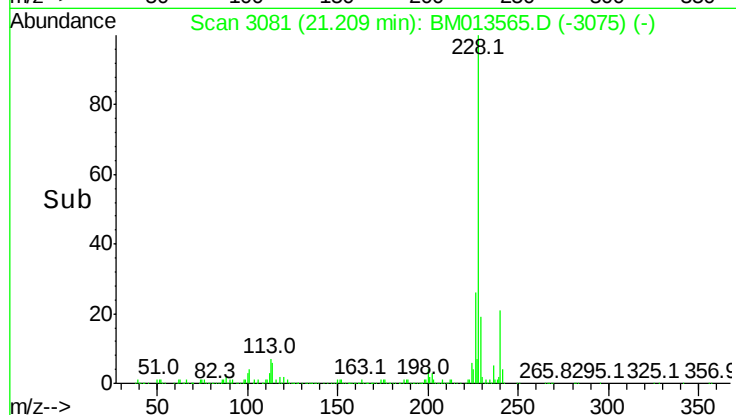
Tot Ion:228 Resp: 788946

Ion Ratio Lower Upper

228 100

229 18.9 15.4 23.0

226 26.1 21.4 32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 19.509 ng/ul

RT: 21.14 min Scan# 3070

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

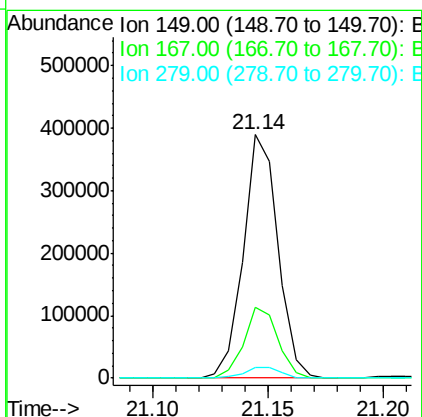
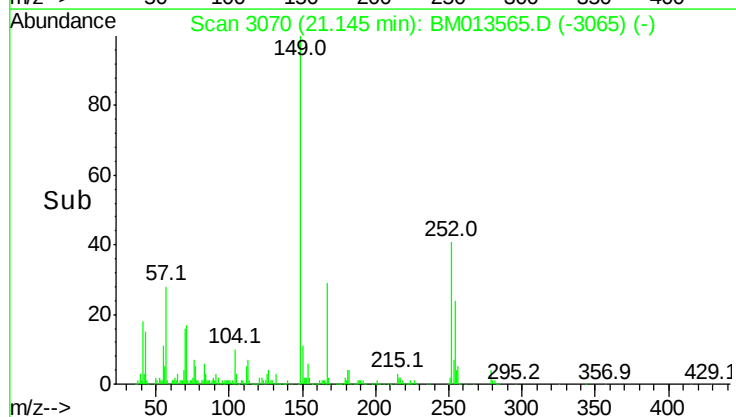
Tgt Ion:149 Resp: 409226

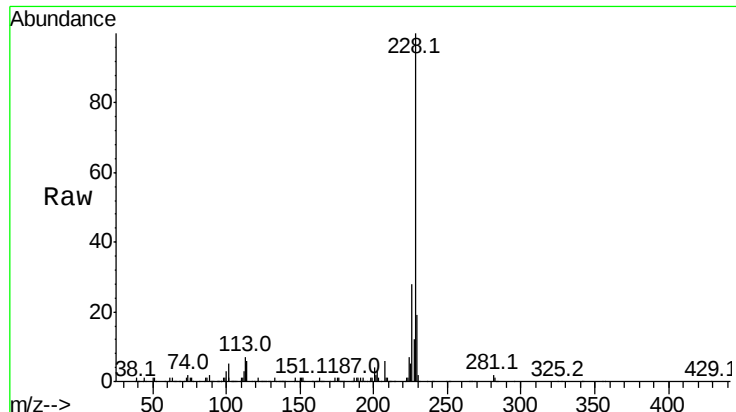
Ion Ratio Lower Upper

149 100

167 29.1 22.8 34.2

279 4.5 4.9 7.3#

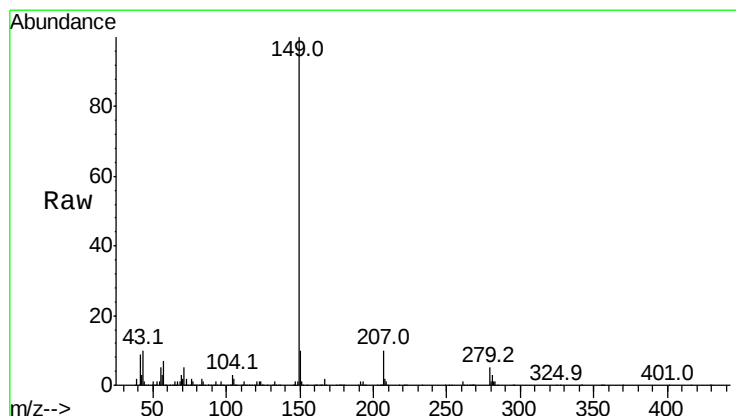
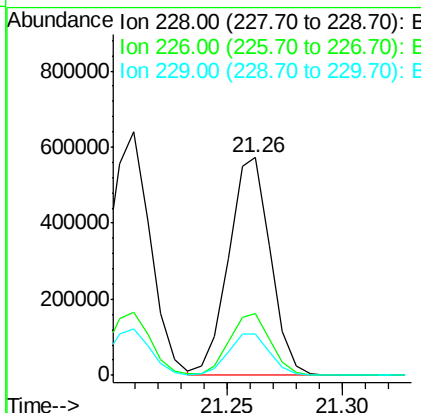
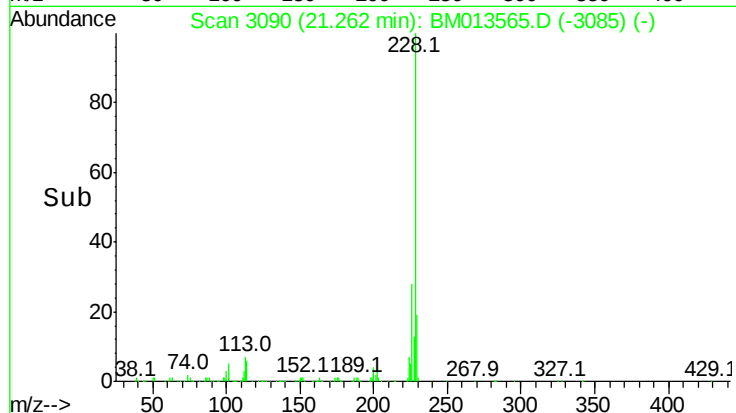




#82
 Chrysene
 Concen: 19.820 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.01 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

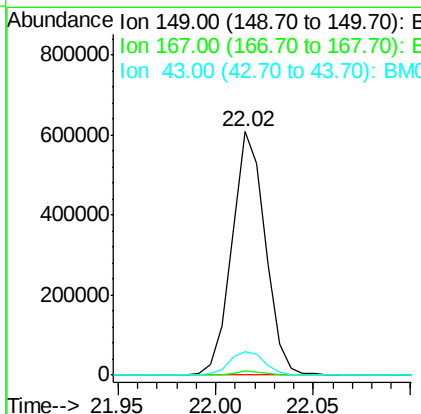
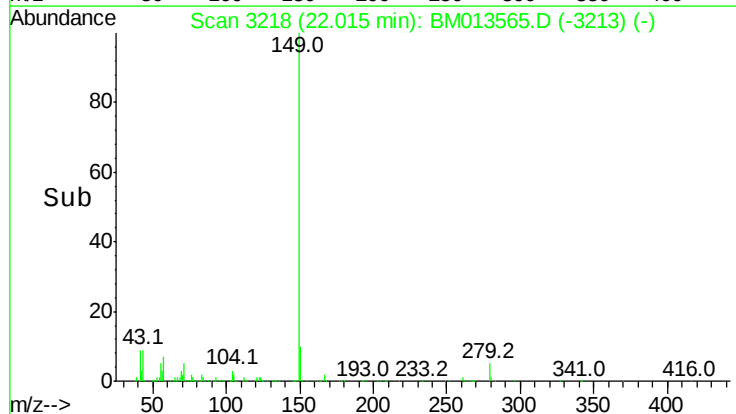
Instrument :
 BNA_M
 ClientSampleId :
 SST02015

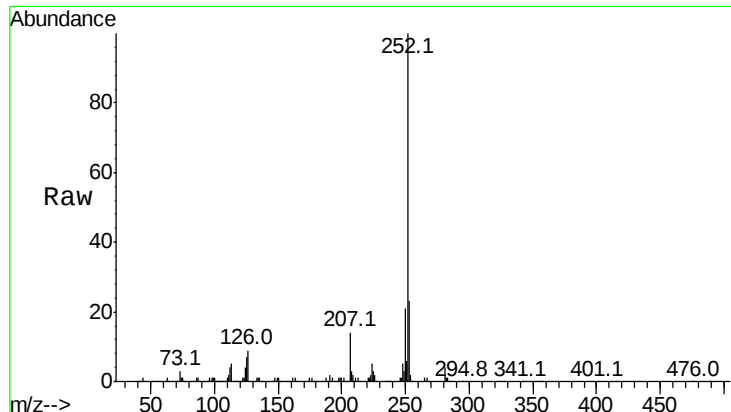
Tot Ion:	228	Resp:	717298
Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	19.0	15.5	23.3



#84
 Di-n-octyl phthalate
 Concen: 18.114 ng/ul
 RT: 22.02 min Scan# 3218
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion:	149	Resp:	714733
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.3	10.9





#85

Benzo(b)fluoranthene

Concen: 20.909 ng/ul

RT: 22.77 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

SSTD02015

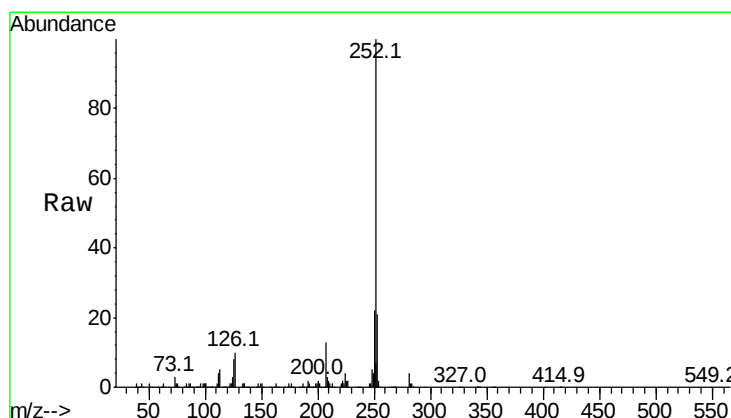
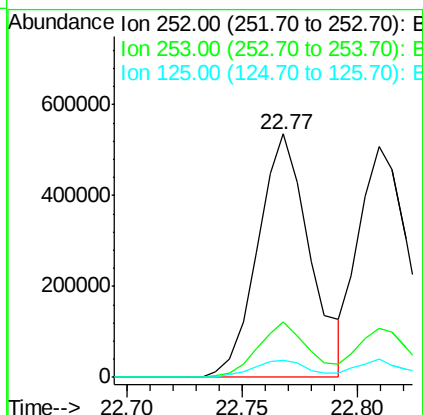
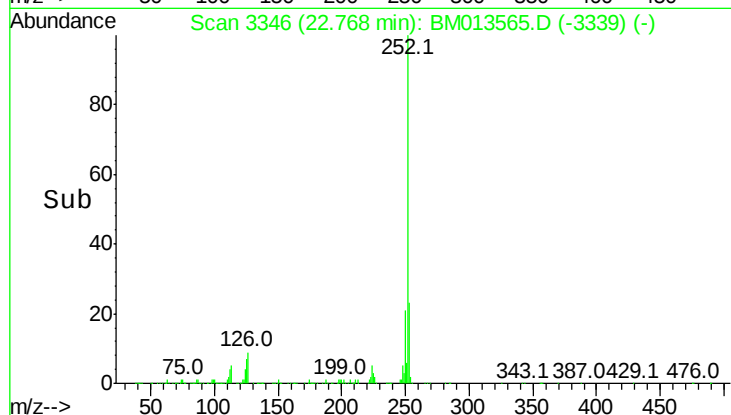
Tot Ion:252 Resp: 840717

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 6.9 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 19.157 ng/ul

RT: 22.81 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

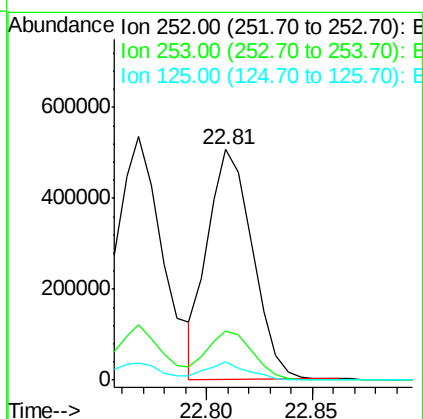
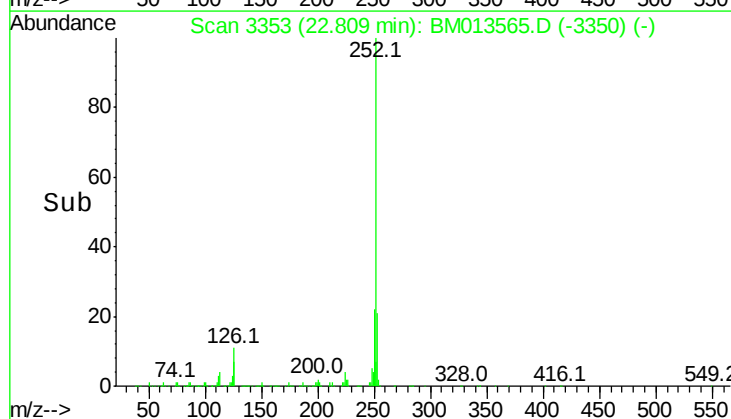
Tgt Ion:252 Resp: 744540

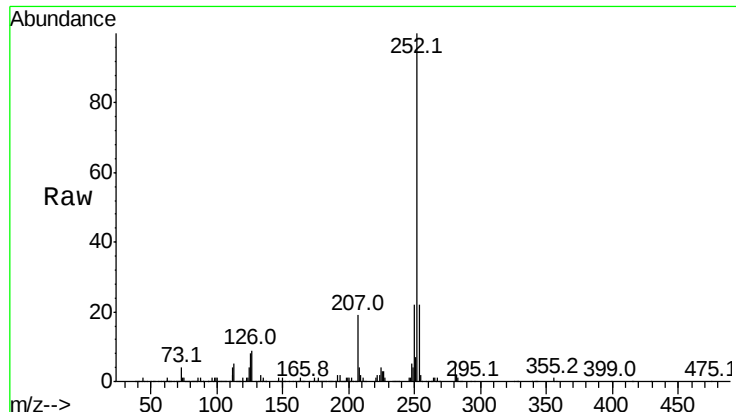
Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 7.7 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 20.410 ng/ul

RT: 23.33 min Scan# 3442

Delta R.T. 0.01 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

Instrument :

BNA_M

ClientSampleId :

SSTD02015

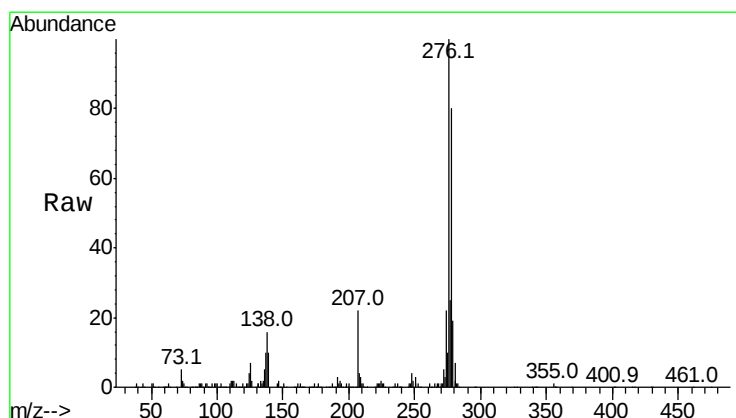
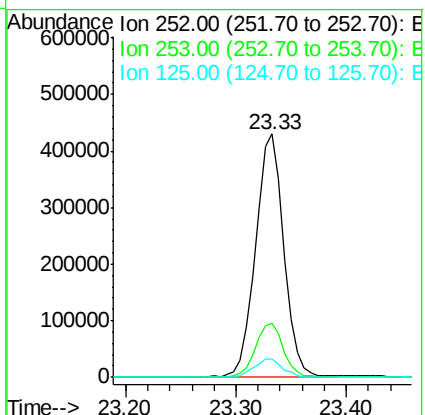
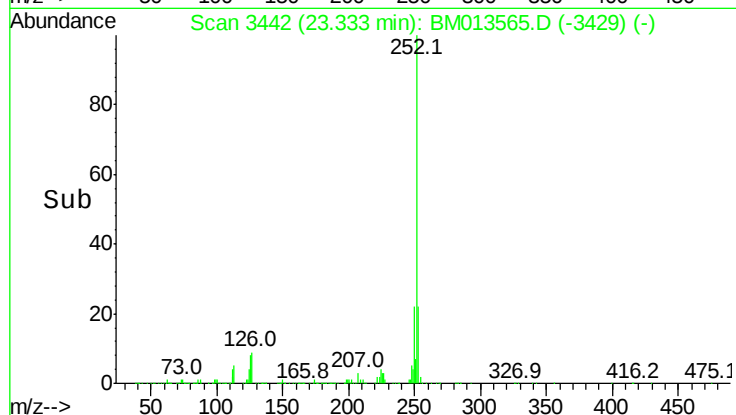
Tot Ion:252 Resp: 775273

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

125 7.6 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 19.881 ng/ul

RT: 25.63 min Scan# 3833

Delta R.T. -0.00 min

Lab File: BM013565.D

Acq: 10 Jan 2018 14:55

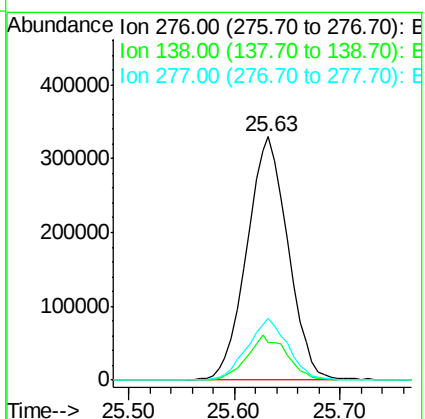
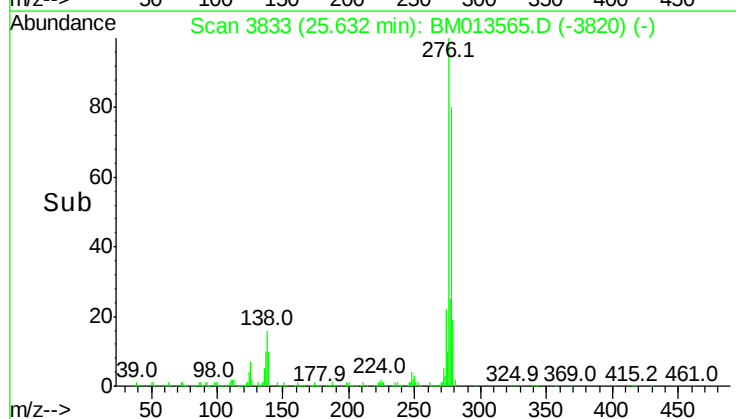
Tgt Ion:276 Resp: 891414

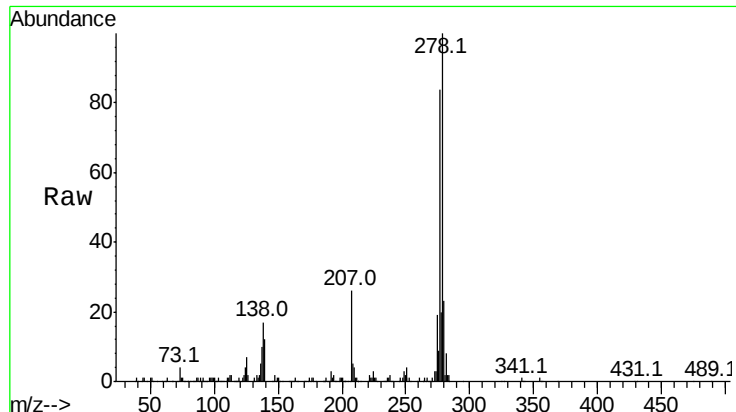
Ion Ratio Lower Upper

276 100

138 15.6 9.3 13.9#

277 25.3 19.9 29.9

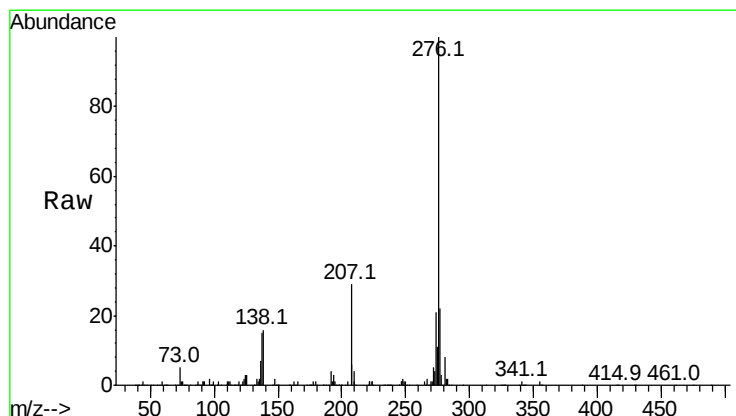
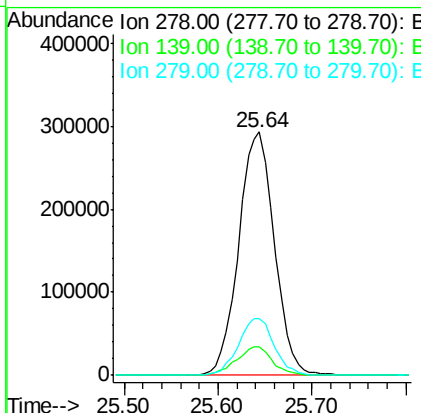
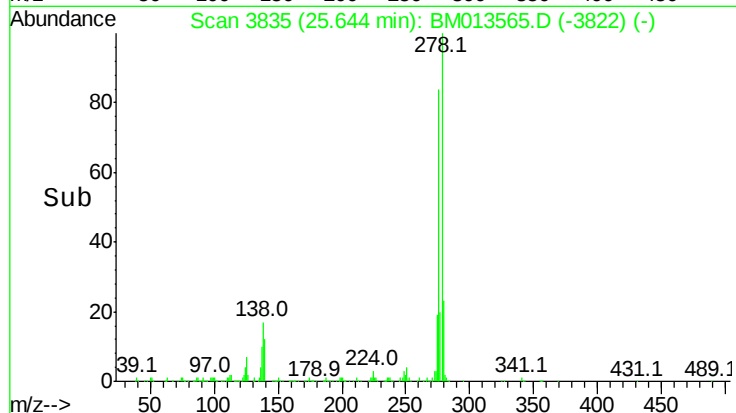




#90
 Dibenzo(a,h)anthracene
 Concen: 20.347 ng/ul
 RT: 25.64 min Scan# 3835
 Delta R.T. 0.01 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

Tot Ion:278 Resp: 770427
 Ion Ratio Lower Upper
 278 100
 139 11.6 5.8 8.8#
 279 23.2 18.6 27.8



#91
 Benzo(g,h,i)perylene
 Concen: 19.822 ng/ul
 RT: 26.30 min Scan# 3947
 Delta R.T. -0.00 min
 Lab File: BM013565.D
 Acq: 10 Jan 2018 14:55

Tgt Ion:276 Resp: 731504
 Ion Ratio Lower Upper
 276 100
 138 16.1 8.5 12.7#
 277 22.3 18.6 28.0

