

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013342.D
 Acq On : 12 Dec 2017 16:57
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02030

Quant Time: Dec 13 01:18:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:12:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	182567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	792178	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	501275	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1274618	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1243161	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	974301	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	27393	7.43	ng/uL	0.00
5) Phenol-d5	6.86	99	292036	18.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	170230	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	236393	19.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	243972	18.08	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	121841	19.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	135848	20.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	270102	19.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	312909	24.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	867697	19.45	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1098481	19.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	141898	18.31	ng/ul	0.00
57) Fluorene-d10	15.33	176	760147	19.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	125195	15.61	ng/ul	0.00
70) Anthracene-d10	17.17	188	1240488	19.43	ng/ul	0.00
76) Pyrene-d10	19.47	212	1379799	22.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	980404	19.76	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.26	88	31746	7.671	ng/uL# 61
4) Benzaldehyde	6.84	77	158371	20.262	ng/ul 89
6) Phenol	6.89	94	291186	18.648	ng/ul# 87
8) Bis(2-Chloroethyl)ether	7.12	93	226452	18.967	ng/ul 98
10) 2-Chlorophenol	7.26	128	239052	19.751	ng/ul 92
11) 2-Methylphenol	8.13	108	222349	18.411	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.21	45	233338	18.613	ng/ul# 81
14) Acetophenone	8.51	105	384177	18.720	ng/ul 89
15) N-Nitroso-di-n-propylamine	8.49	70	197948	19.149	ng/ul# 68
16) 4-Methylphenol	8.46	108	237379	18.381	ng/ul 84
17) Hexachloroethane	8.75	117	101789	19.317	ng/ul 80
20) Nitrobenzene	8.88	77	304036	19.212	ng/ul 98
21) Isophorone	9.40	82	538913	19.353	ng/ul# 94
23) 2-Nitrophenol	9.59	139	139655	20.035	ng/ul# 81
24) 2,4-Dimethylphenol	9.65	107	294012	19.339	ng/ul# 89
25) Bis(2-Chloroethoxy)methane	9.89	93	314644	19.307	ng/ul 96
27) 2,4-Dichlorophenol	10.12	162	250614	19.582	ng/ul# 92
28) Naphthalene	10.52	128	792991	19.457	ng/ul 99
30) 4-Chloroaniline	10.63	127	301272	24.437	ng/ul 95
31) Hexachlorobutadiene	10.80	225	178347	19.239	ng/ul 96
32) Caprolactam	11.41	113	60001	14.669	ng/ul# 39
33) 4-Chloro-3-methylphenol	11.76	107	276298	19.680	ng/ul 99
34) 2-Methylnaphthalene	12.13	142	600710	19.607	ng/ul 95

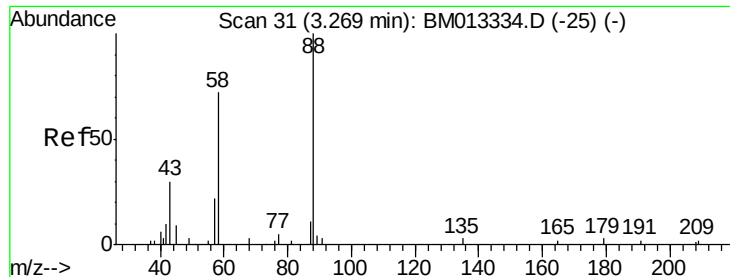
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013342.D
 Acq On : 12 Dec 2017 16:57
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02030

Quant Time: Dec 13 01:18:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:12:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	346425	19.152	ng/ul	95
37) Hexachlorocyclopentadiene	12.48	237	214866	18.048	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	230270	20.420	ng/ul	96
39) 2,4,5-Trichlorophenol	12.83	196	241381	20.152	ng/ul	96
40) 1,1'-Biphenyl	13.16	154	819363	19.341	ng/ul	100
41) 2-Chloronaphthalene	13.20	162	650642	19.576	ng/ul	98
42) 2-Nitroaniline	13.41	65	192142	19.731	ng/ul	94
44) Dimethylphthalate	13.79	163	827151	19.387	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	173080	19.891	ng/ul#	97
47) Acenaphthylene	14.05	152	999828	19.627	ng/ul	99
48) 3-Nitroaniline	14.24	138	164767	21.184	ng/ul	87
49) Acenaphthene	14.39	153	681913	19.651	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	68313	14.187	ng/ul	89
52) 4-Nitrophenol	14.56	109	138613	18.231	ng/ul#	77
53) Dibenzofuran	14.73	168	1008652	19.689	ng/ul	100
54) 2,4-Dinitrotoluene	14.70	165	255813	20.210	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.96	232	230241	20.964	ng/ul	94
56) Diethylphthalate	15.16	149	858380	20.060	ng/ul	94
58) Fluorene	15.38	166	837268	19.756	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.38	204	452959	19.692	ng/ul	99
60) 4-Nitroaniline	15.41	138	187161	20.396	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.47	198	128424	16.027	ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	718970	19.148	ng/ul	97
65) 4-Bromophenyl-phenylether	16.27	248	290323	19.376	ng/ul	98
66) Hexachlorobenzene	16.39	284	317723	19.228	ng/ul	93
67) Atrazine	16.55	200	287008	20.709	ng/ul#	88
68) Pentachlorophenol	16.73	266	170738	17.865	ng/ul	94
69) Phenanthrene	17.12	178	1385300	19.130	ng/ul	100
71) Anthracene	17.21	178	1407785	19.019	ng/ul	98
72) Carbazole	17.49	167	1198337	18.822	ng/ul	98
73) Di-n-butylphthalate	18.05	149	1485859	19.992	ng/ul	98
74) Fluoranthene	19.14	202	1671511	18.836	ng/ul#	92
77) Pyrene	19.50	202	1677463	22.211	ng/ul#	92
78) Butylbenzylphthalate	20.42	149	673046	22.808	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.19	252	453228	17.343	ng/ul#	95
80) Benzo(a)anthracene	21.25	228	1555679	19.723	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	938375	21.097	ng/ul	98
82) Chrysene	21.30	228	1438748	19.661	ng/ul	99
84) Di-n-octyl phthalate	22.07	149	1508933	21.779	ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	1364516	20.775	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1261750	20.414	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	1137573	19.281	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	1215836	20.769	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.74	278	1045662	20.977	ng/ul#	97
91) Benzo(g,h,i)perylene	26.41	276	973007	21.072	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 7.671 ng/uL

RT: 3.26 min Scan# 30

Delta R.T. -0.01 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

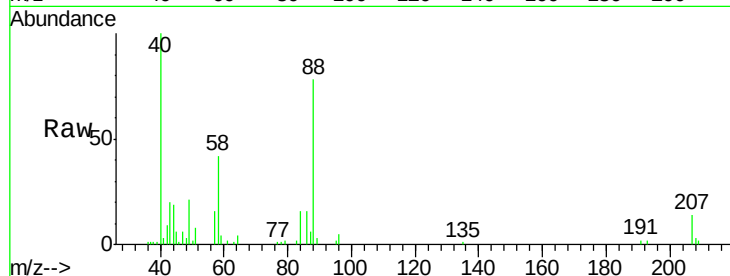
Tot Ion: 88 Resp: 31746

Ion Ratio Lower Upper

88 100

43 30.8 48.0 72.0#

58 61.1 80.0 120.0#

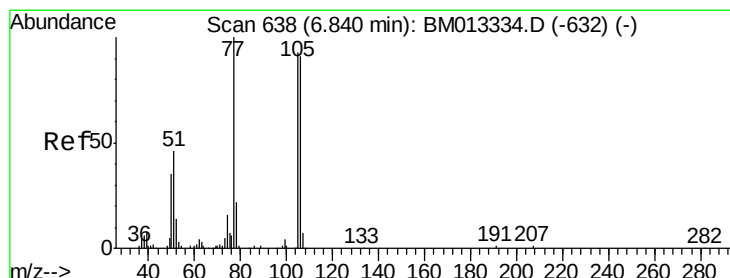
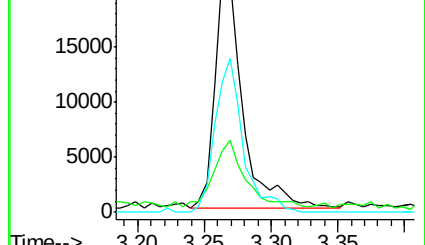
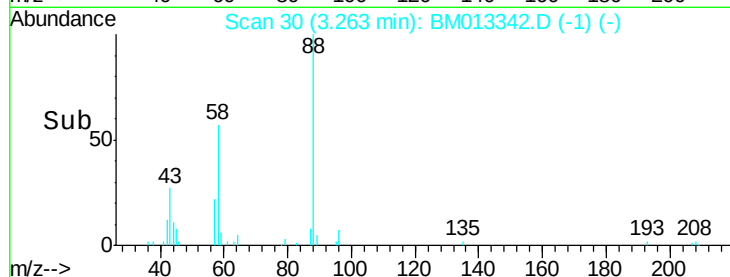


Abundance Ion 88.00 (87.70 to 88.70): BM013342.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM013342.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM013342.D (-1) (-)

Time-->



#4

Benzaldehyde

Concen: 20.262 ng/uL

RT: 6.84 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

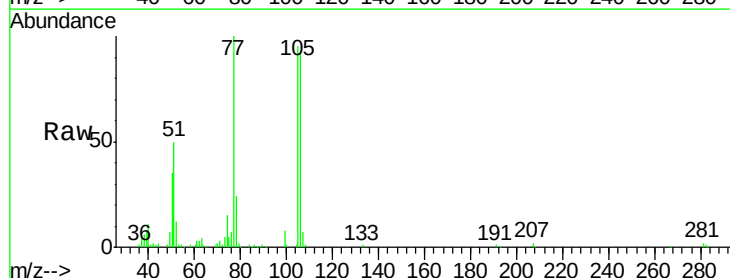
Tgt Ion: 77 Resp: 158371

Ion Ratio Lower Upper

77 100

105 95.4 66.1 99.1

106 91.6 67.8 101.6

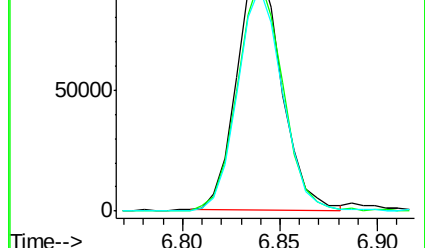
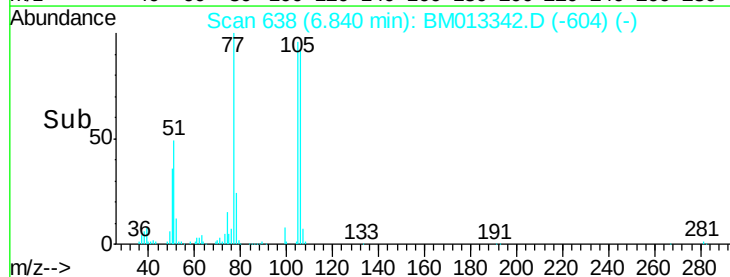


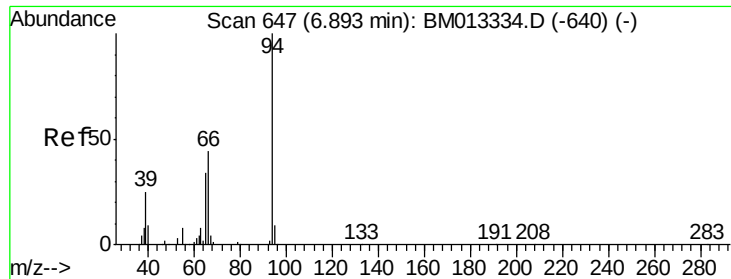
Abundance Ion 77.00 (76.70 to 77.70): BM013342.D (-604) (-)

Ion 105.00 (104.70 to 105.70): BM013342.D (-604) (-)

Ion 106.00 (105.70 to 106.70): BM013342.D (-604) (-)

Time-->





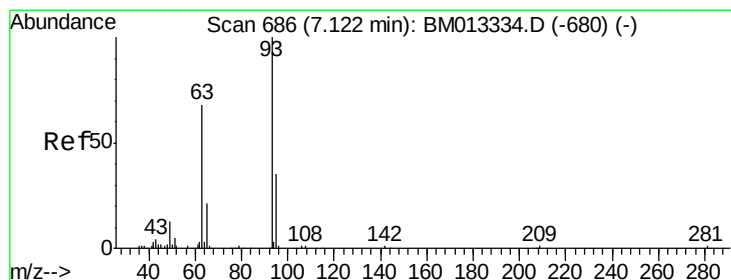
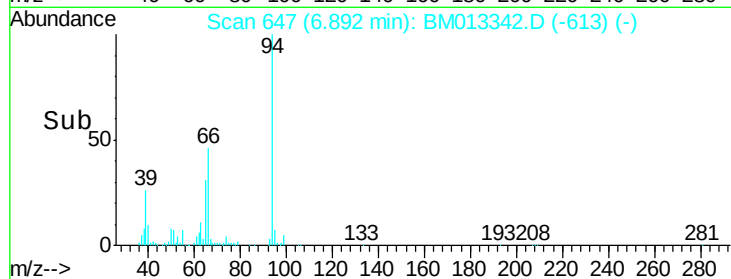
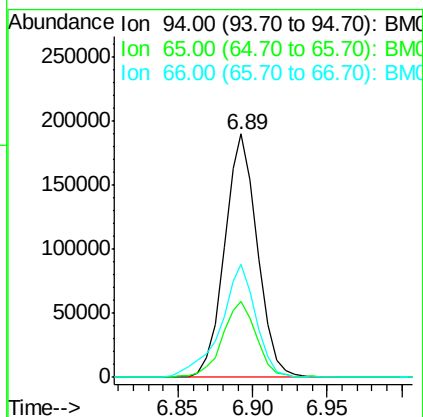
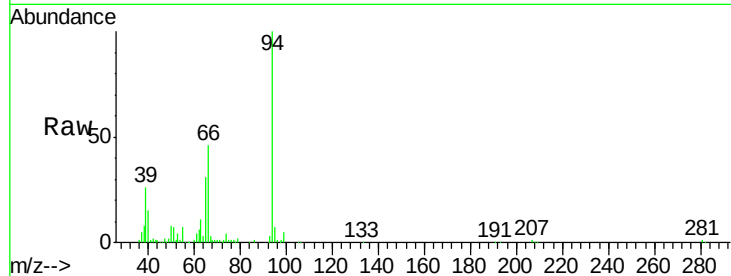
#6

Phenol

Concen: 18.648 ng/ul
 RT: 6.89 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

Instrument :
 BNA_M
 ClientSampleId :
 SST02030

Tot Ion	94	Resp	291186
Ion Ratio	Lower	Upper	
94	100		
65	31.3	28.2	42.4
66	46.3	47.2	70.8#

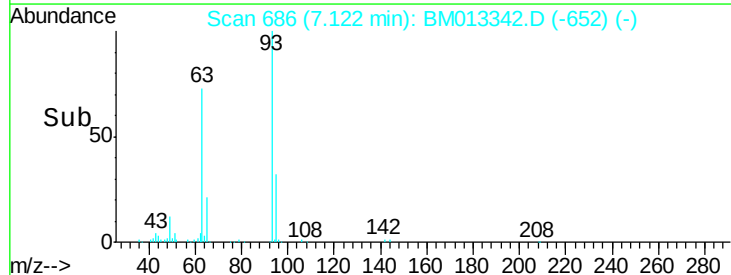
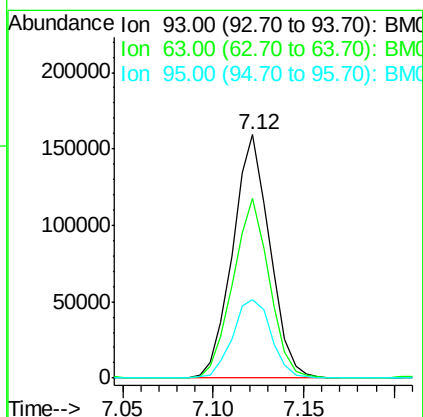
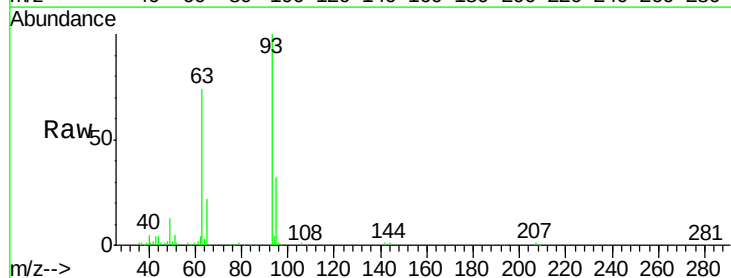


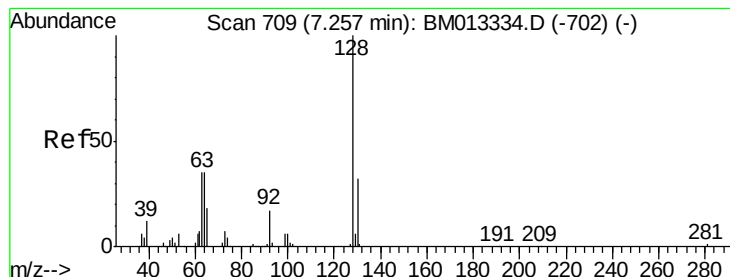
#8

Bis(2-Chloroethyl)ether

Concen: 18.967 ng/ul
 RT: 7.12 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

Tgt Ion	93	Resp	226452
Ion Ratio	Lower	Upper	
93	100		
63	73.8	57.3	85.9
95	32.5	26.6	39.8





#10

2-Chlorophenol

Concen: 19.751 ng/ul

RT: 7.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

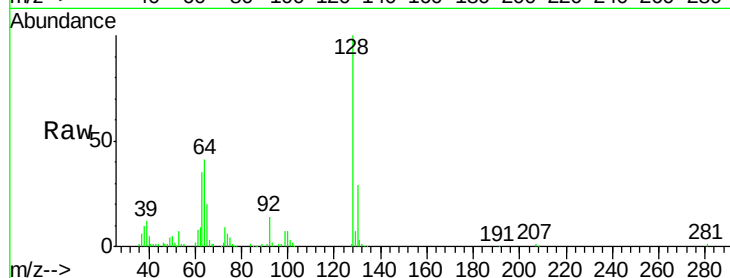
Tot Ion:128 Resp: 239052

Ion Ratio Lower Upper

128 100

64 40.6 38.0 57.0

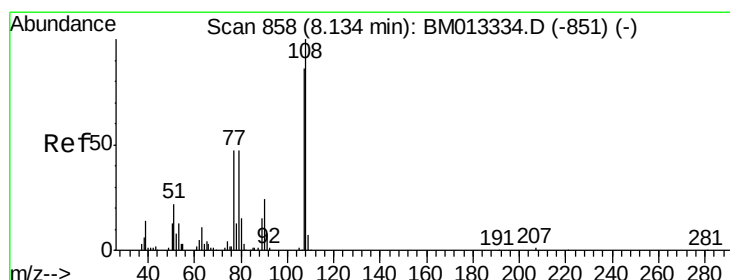
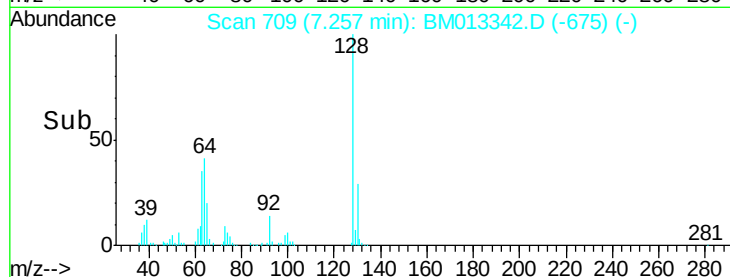
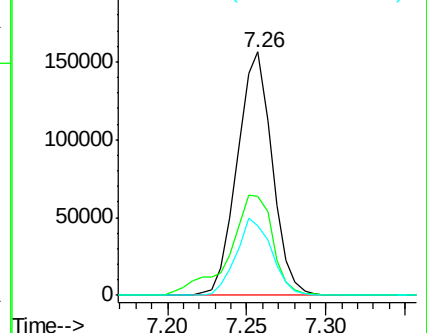
130 28.7 24.4 36.6



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: 18.411 ng/ul

RT: 8.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM013342.D

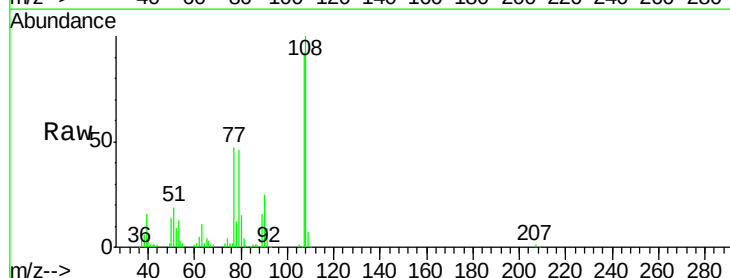
Acq: 12 Dec 2017 16:57

Tgt Ion:108 Resp: 222349

Ion Ratio Lower Upper

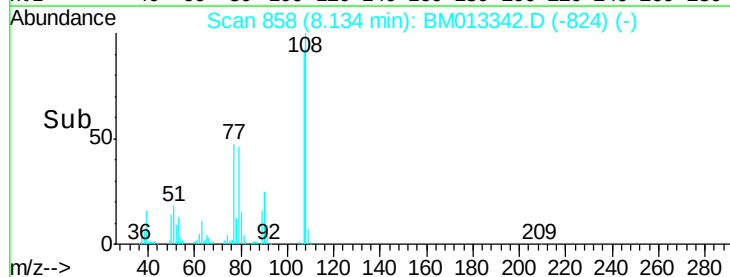
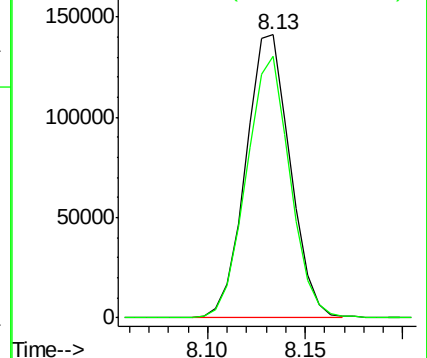
108 100

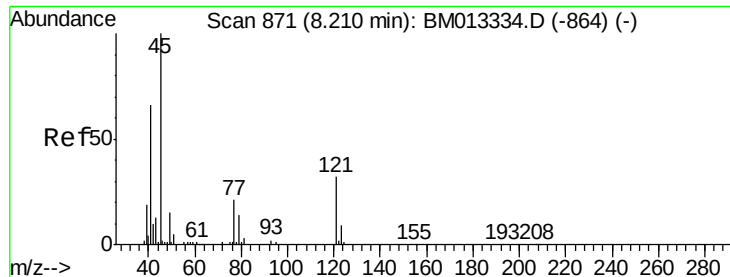
107 92.3 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

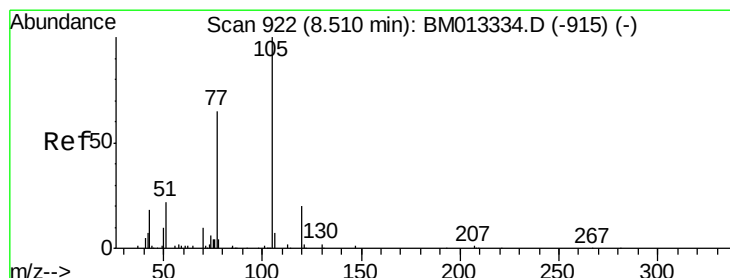
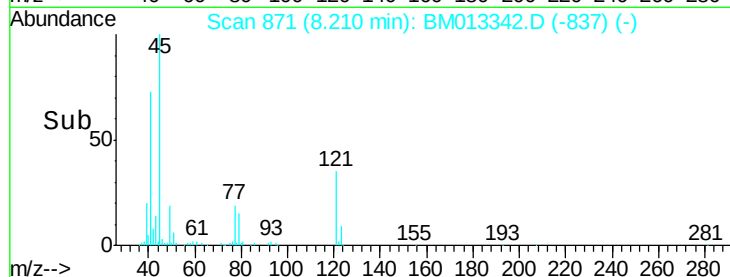
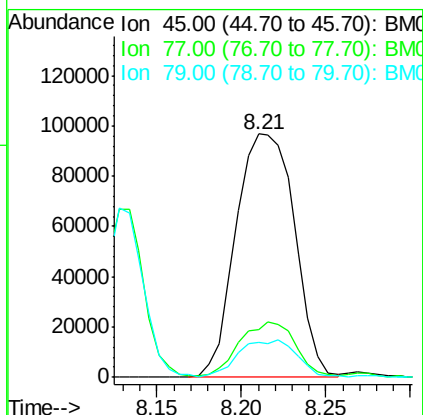
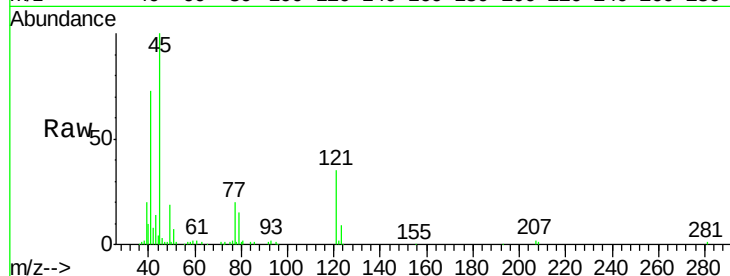




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 18.613 ng/ul
 RT: 8.21 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

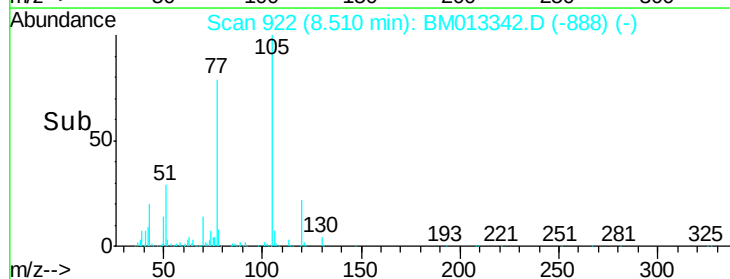
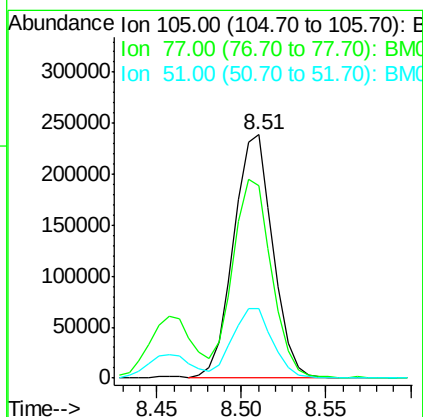
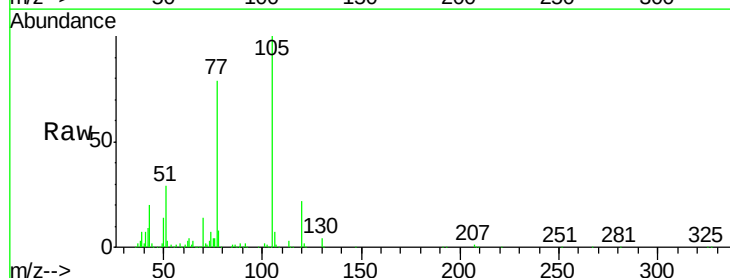
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02030

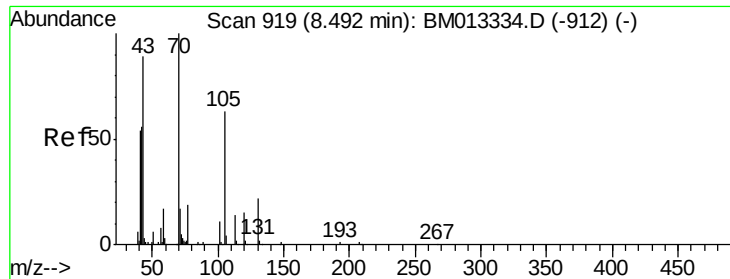
Tot Ion: 45 Resp: 233338
 Ion Ratio Lower Upper
 45 100
 77 19.7 8.0 12.0#
 79 14.5 8.0 12.0#



#14
 Acetophenone
 Concen: 18.720 ng/ul
 RT: 8.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

Tgt Ion: 105 Resp: 384177
 Ion Ratio Lower Upper
 105 100
 77 79.3 74.2 111.4
 51 28.6 23.4 35.2

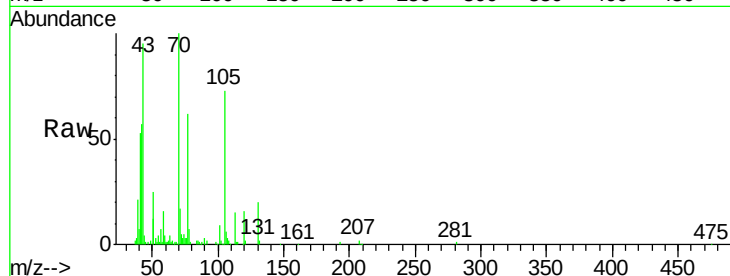




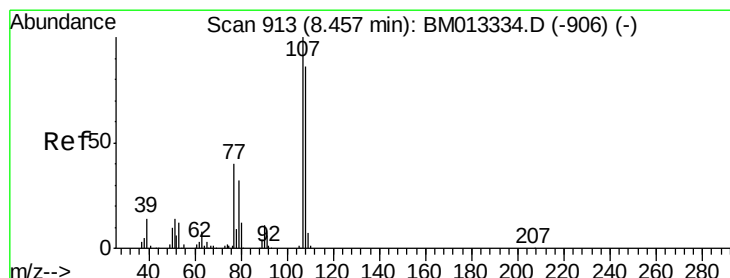
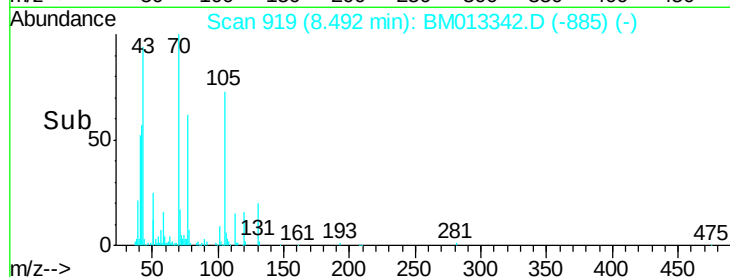
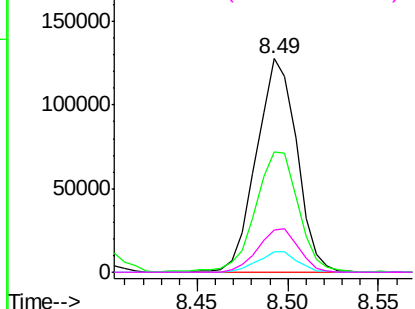
#15
N-Nitroso-di-n-propylamine
Concen: 19.149 ng/ul
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

Instrument :
BNA_M
ClientSampleId :
SSTD02030

Tot Ion: 70 Resp: 197948
Ion Ratio Lower Upper
70 100
42 56.5 76.0 114.0#
101 9.3 6.7 10.1
130 19.8 14.6 22.0

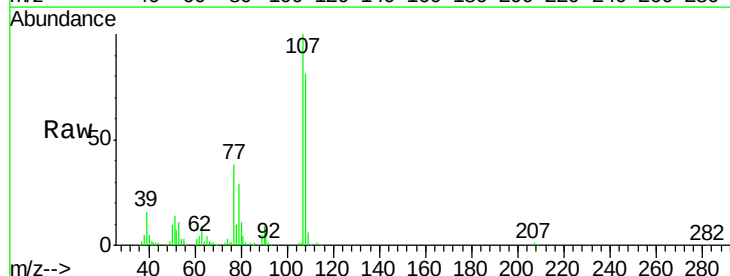


Abundance Ion 70.00 (69.70 to 70.70): BM013334.D (-912) (-)
Ion 42.00 (41.70 to 42.70): BM013334.D (-912) (-)
Ion 101.00 (100.70 to 101.70): BM013334.D (-912) (-)
Ion 130.00 (129.70 to 130.70): BM013334.D (-912) (-)

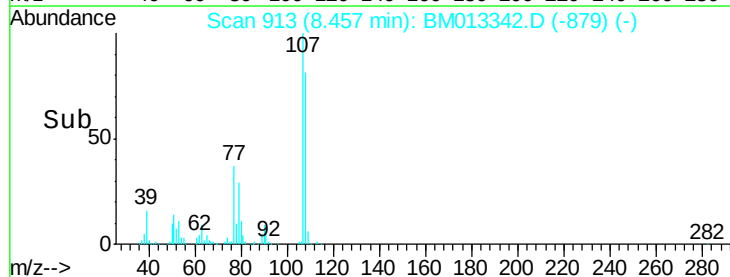
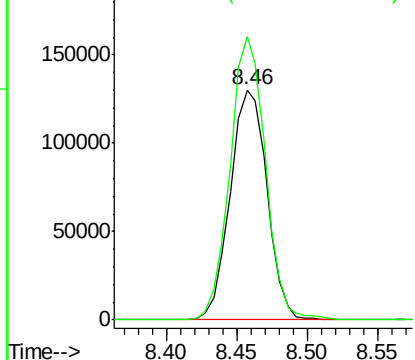


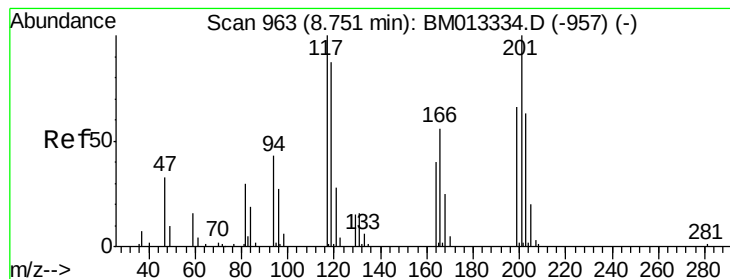
#16
4-Methylphenol
Concen: 18.381 ng/ul
RT: 8.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

Tgt Ion: 108 Resp: 237379
Ion Ratio Lower Upper
108 100
107 123.2 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM013334.D (-906) (-)
Ion 107.00 (106.70 to 107.70): BM013334.D (-906) (-)





#17

Hexachloroethane

Concen: 19.317 ng/ul

RT: 8.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

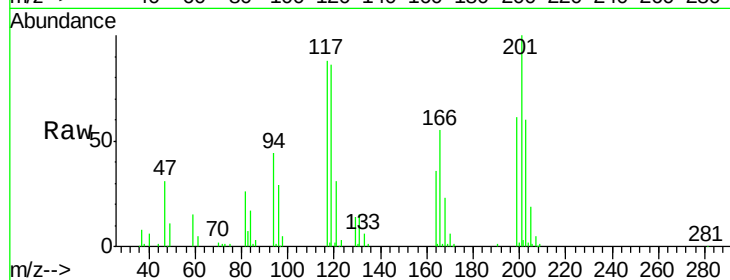
Tot Ion:117 Resp: 101789

Ion Ratio Lower Upper

117 100

201 113.4 111.6 167.4

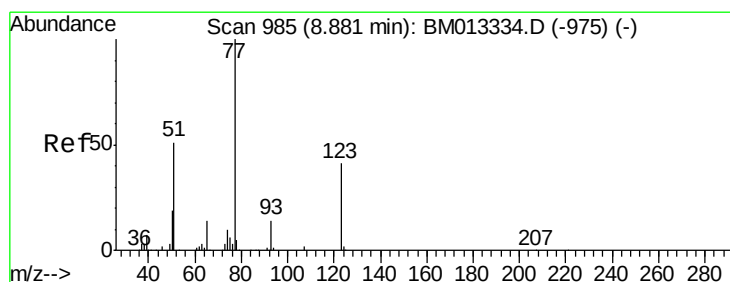
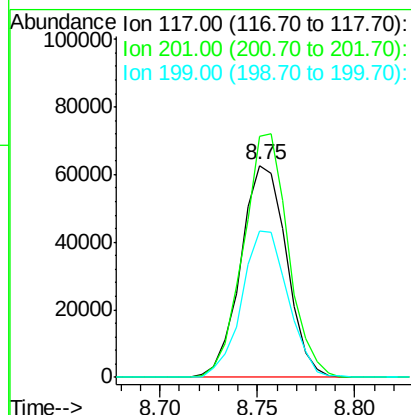
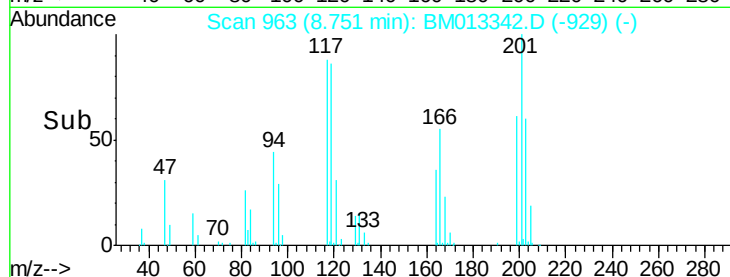
199 69.3 67.8 101.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.212 ng/ul

RT: 8.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

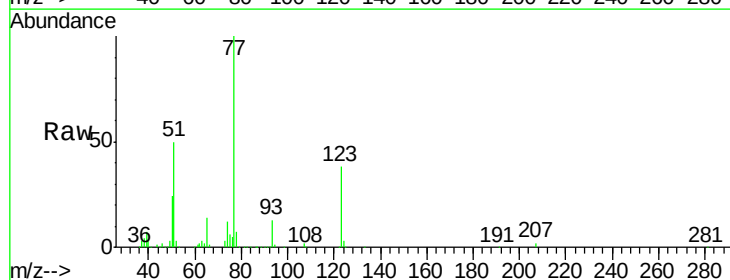
Tgt Ion: 77 Resp: 304036

Ion Ratio Lower Upper

77 100

123 38.3 31.0 46.6

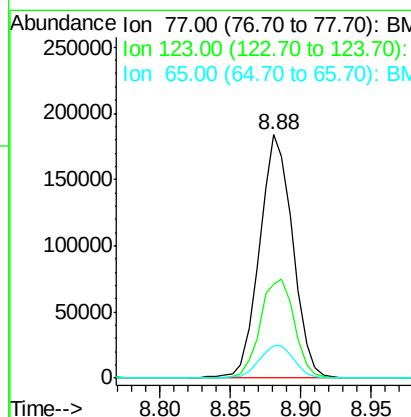
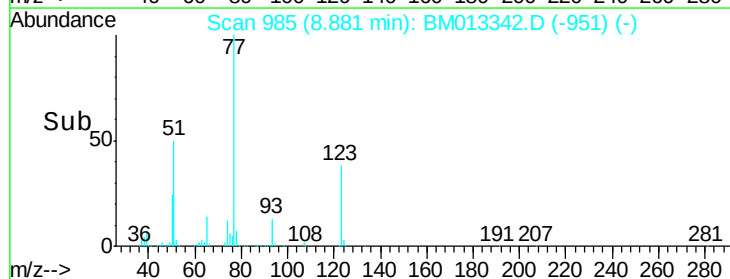
65 13.5 12.2 18.2

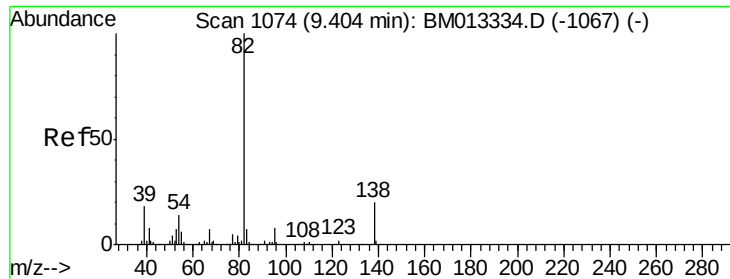


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

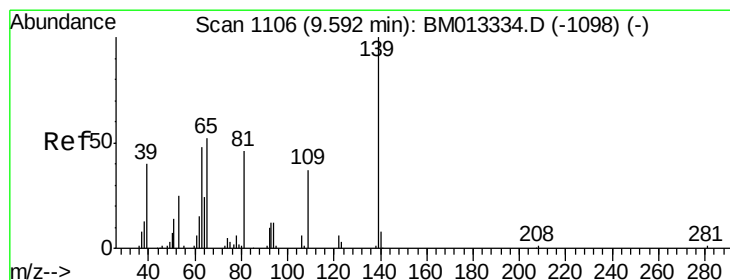
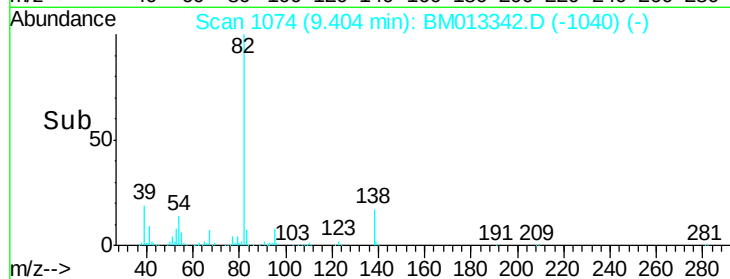
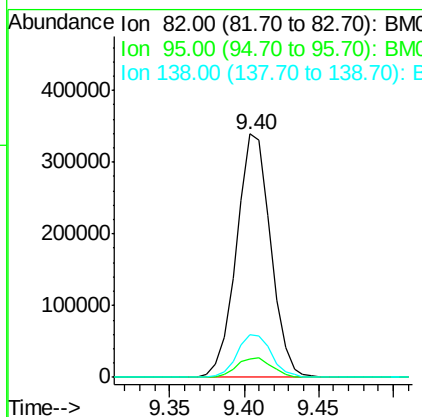
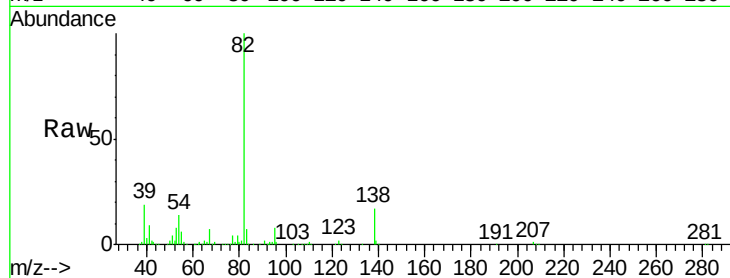




#21
Isophorone
Concen: 19.353 ng/ul
RT: 9.40 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

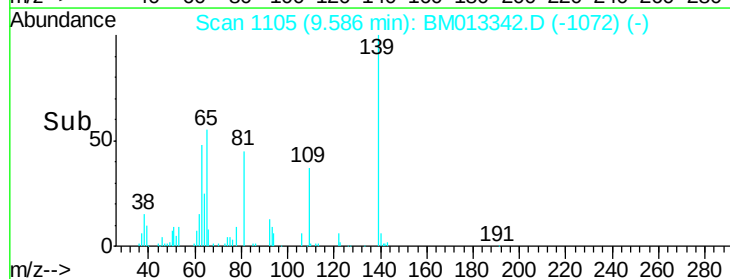
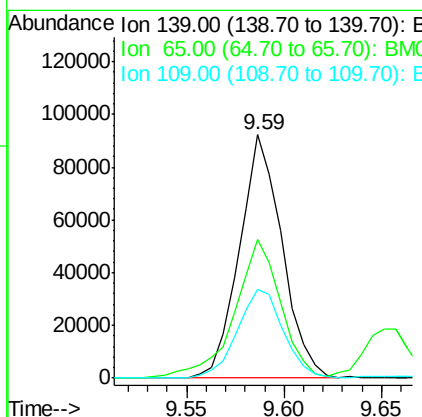
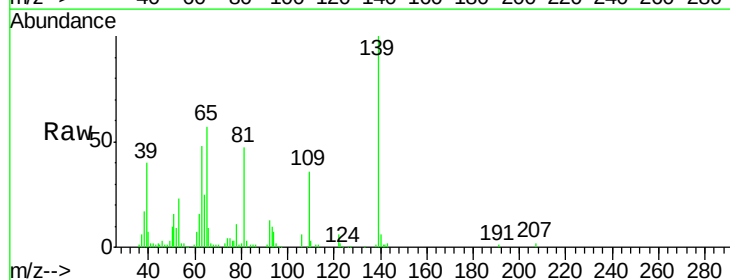
Instrument :
BNA_M
ClientSampleId :
SSTD02030

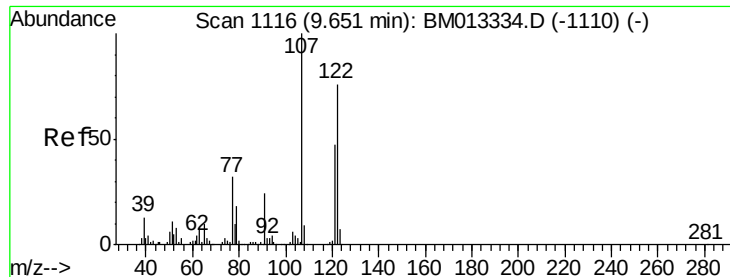
Tot Ion	82	Resp	538913
Ion Ratio	Lower	Upper	
82	100		
95	7.7	7.8	11.8#
138	17.3	11.9	17.9



#23
2-Nitrophenol
Concen: 20.035 ng/ul
RT: 9.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

Tgt Ion	139	Resp	139655
Ion Ratio	Lower	Upper	
139	100		
65	56.9	55.4	83.0
109	36.3	42.2	63.2#

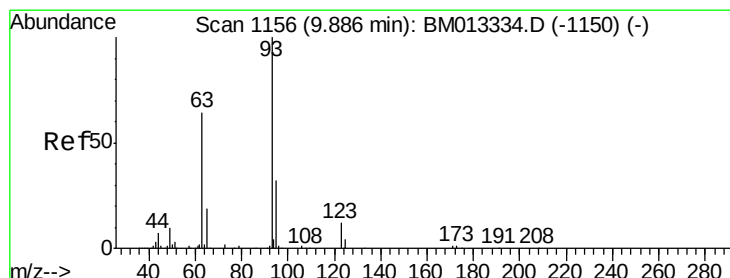
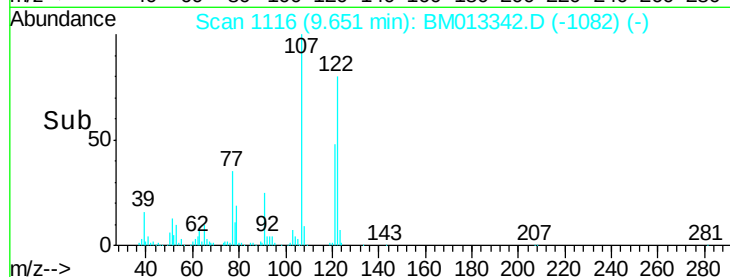
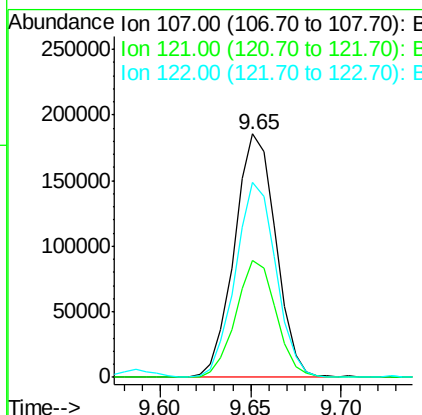
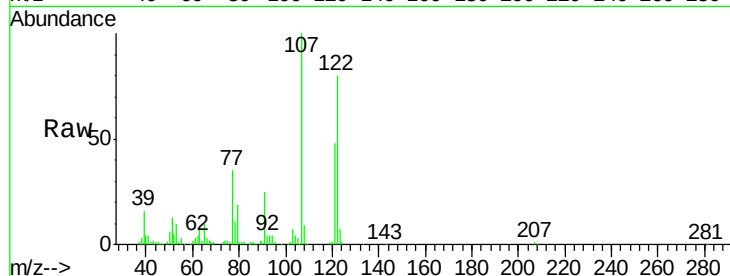




#24
 2,4-Dimethylphenol
 Concen: 19.339 ng/ul
 RT: 9.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

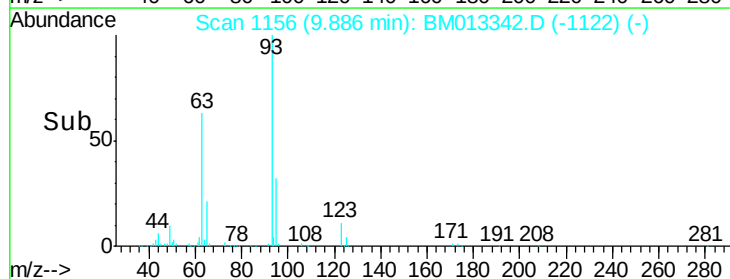
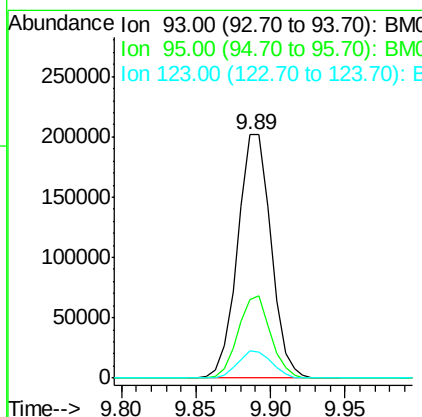
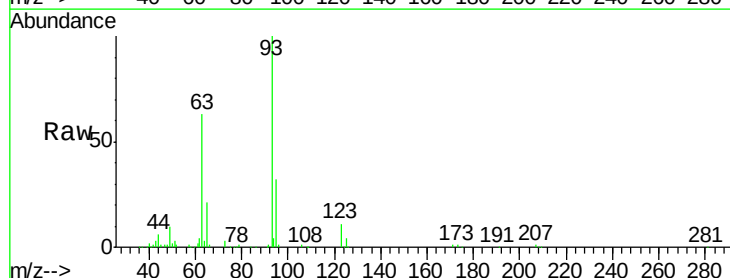
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02030

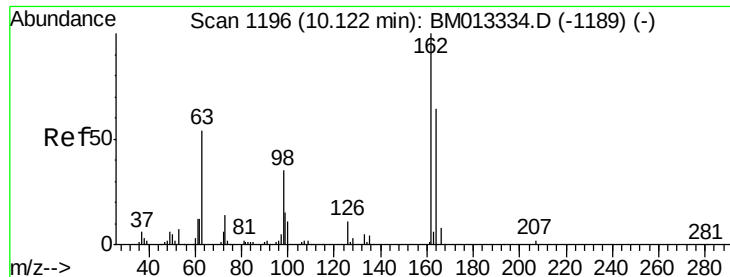
Tot Ion	Ratio	Lower	Upper
107	100		
121	48.1	31.9	47.9#
122	80.2	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.307 ng/ul
 RT: 9.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	28.5	42.7
123	11.4	8.9	13.3

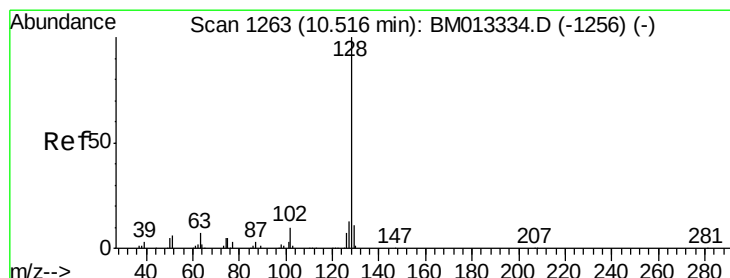
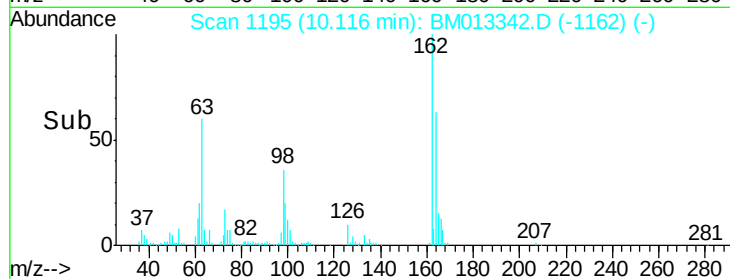
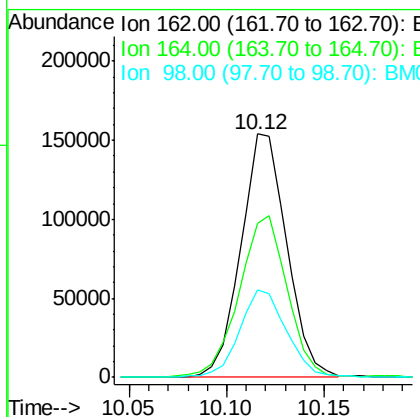
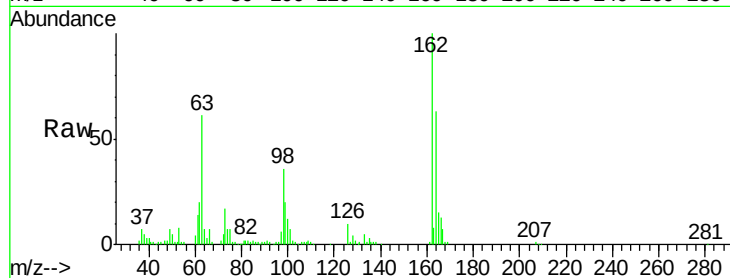




#27
 2,4-Dichlorophenol
 Concen: 19.582 ng/ul
 RT: 10.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

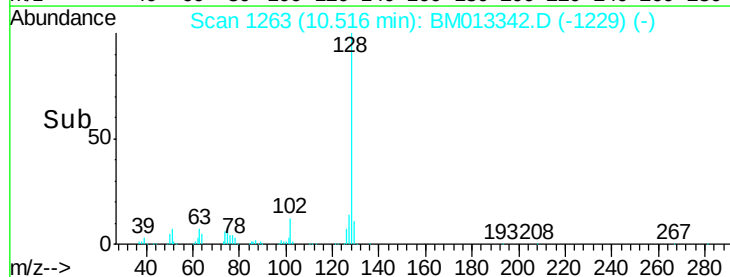
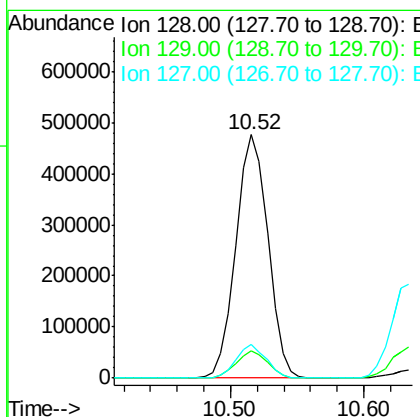
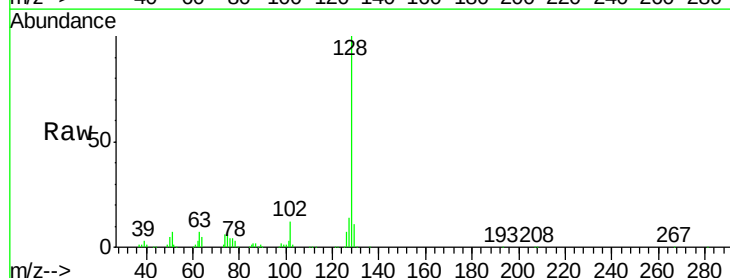
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02030

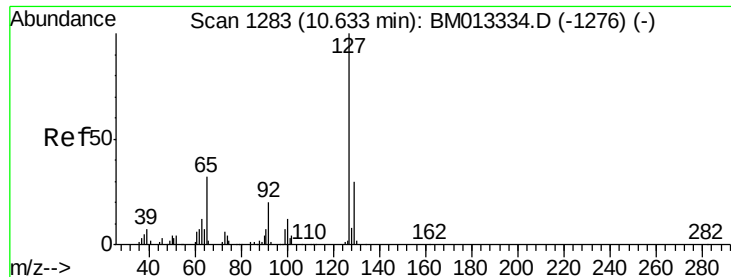
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	47.8	71.6
98	35.9	23.0	34.4



#28
 Naphthalene
 Concen: 19.457 ng/ul
 RT: 10.52 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.7	10.6	16.0

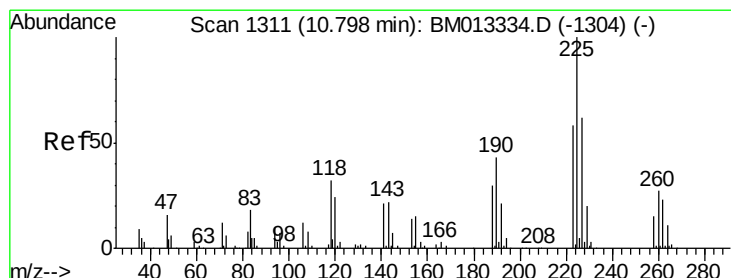
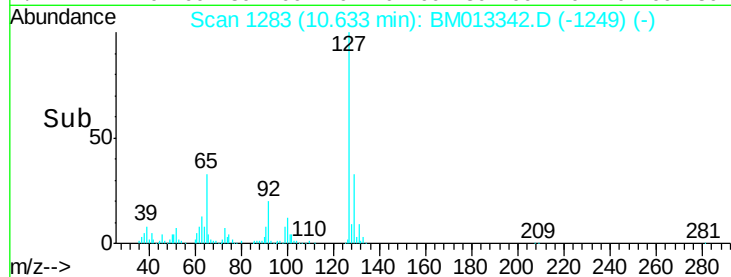
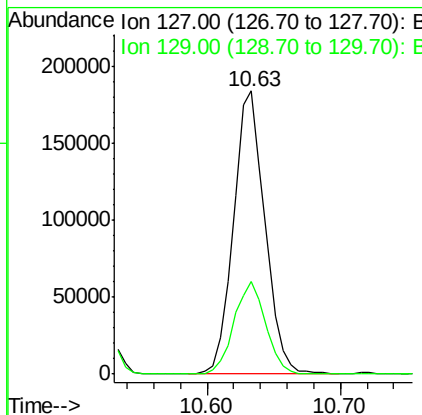
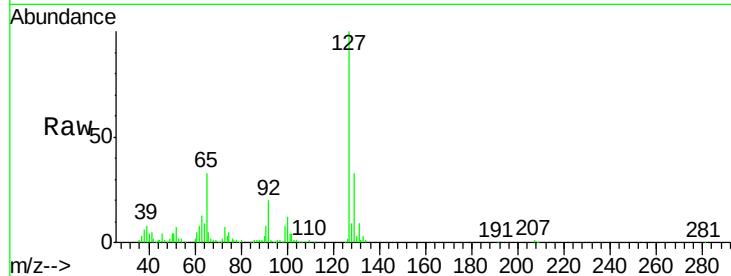




#30
4-Chloroaniline
Concen: 24.437 ng/ul
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

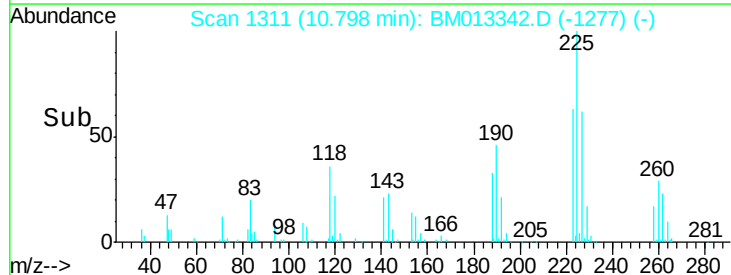
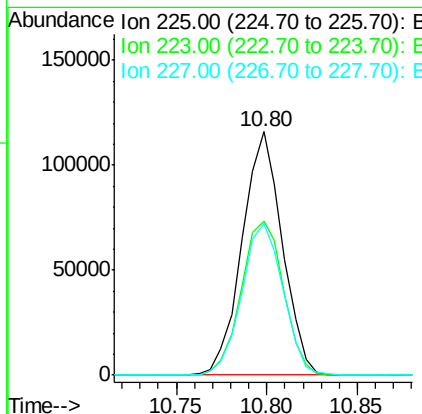
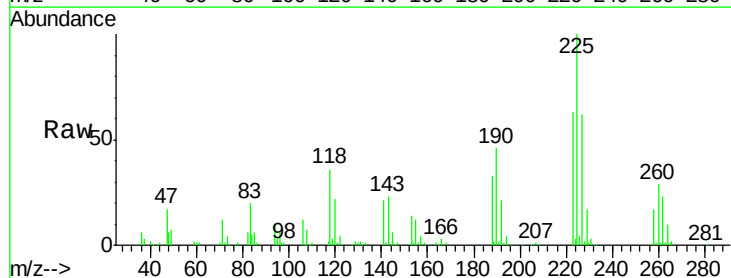
Instrument :
BNA_M
ClientSampleId :
SSTD02030

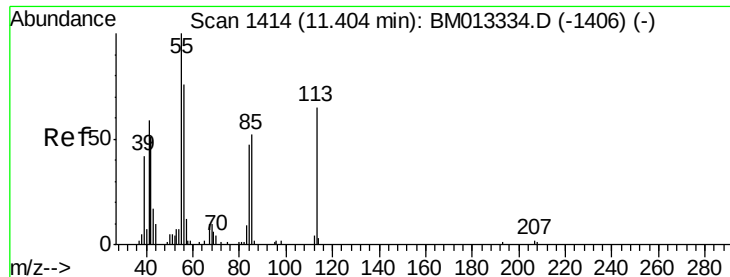
Tot Ion:127 Resp: 301272
Ion Ratio Lower Upper
127 100
129 32.6 28.4 42.6



#31
Hexachlorobutadiene
Concen: 19.239 ng/ul
RT: 10.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

Tgt Ion:225 Resp: 178347
Ion Ratio Lower Upper
225 100
223 63.1 49.4 74.2
227 62.0 45.4 68.2





#32

Caprolactam

Concen: 14.669 ng/ul

RT: 11.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

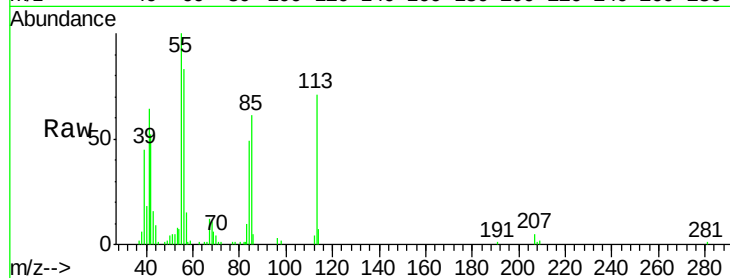
Tot Ion:113 Resp: 60001

Ion Ratio Lower Upper

113 100

55 141.7 208.0 312.0#

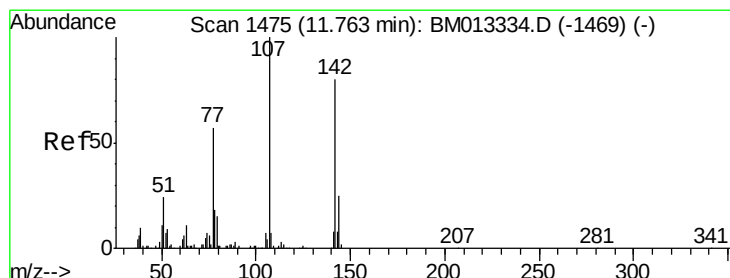
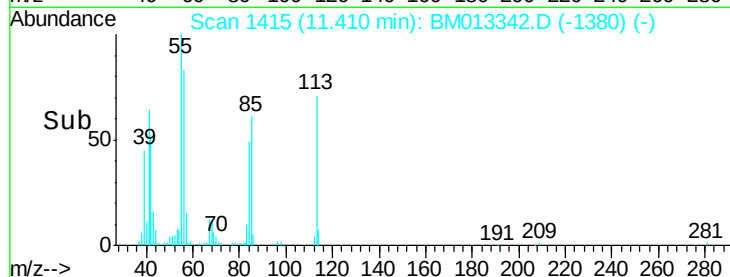
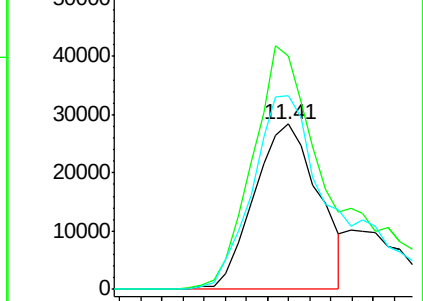
56 117.2 160.0 240.0#



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: 19.680 ng/ul

RT: 11.76 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

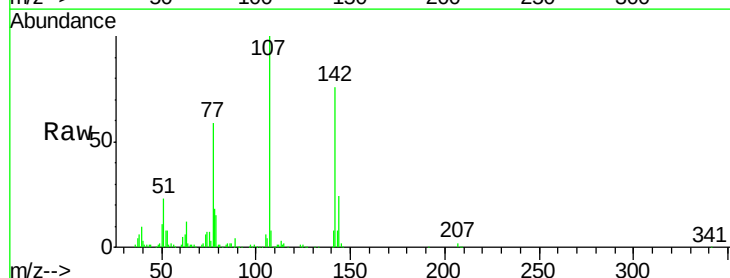
Tgt Ion:107 Resp: 276298

Ion Ratio Lower Upper

107 100

144 24.2 20.4 30.6

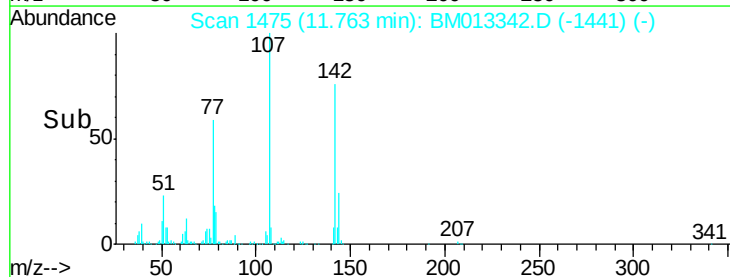
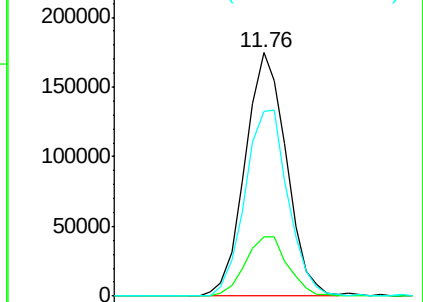
142 76.1 60.5 90.7

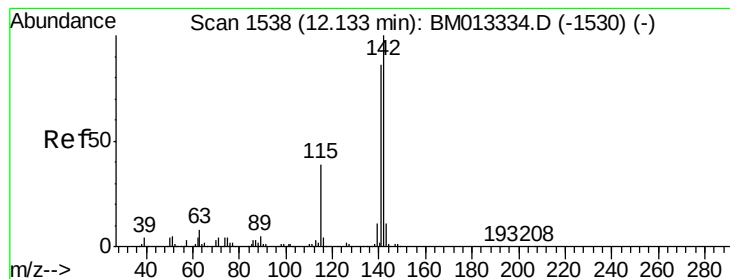


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.607 ng/ul

RT: 12.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

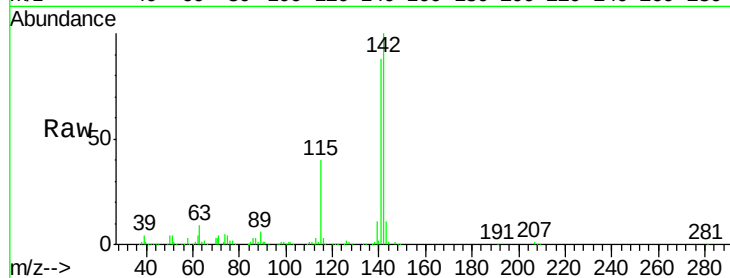
SSTD02030

Tot Ion:142 Resp: 600710

Ion Ratio Lower Upper

142 100

141 87.9 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.13

400000

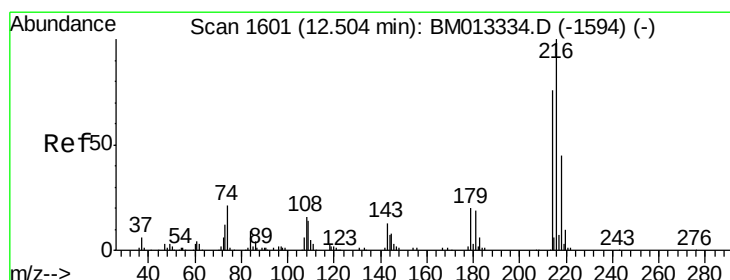
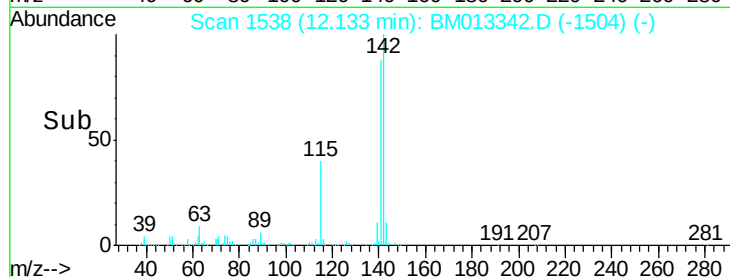
300000

200000

100000

0

Time--> 12.05 12.10 12.15 12.20



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.152 ng/ul

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Tgt Ion:216 Resp: 346425

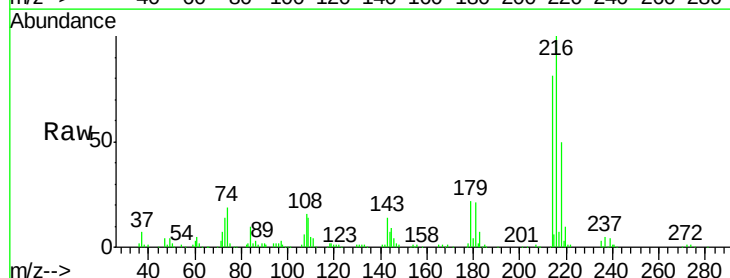
Ion Ratio Lower Upper

216 100

214 81.0 60.6 90.8

179 21.8 17.5 26.3

108 16.3 11.3 16.9



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.50

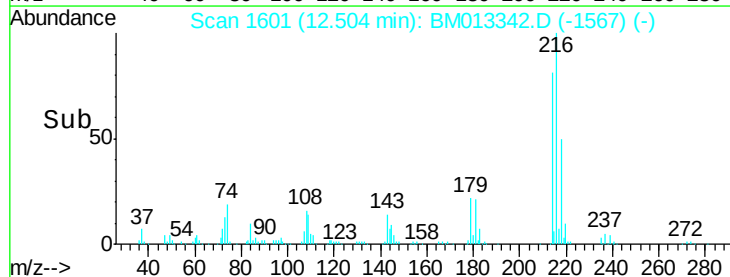
300000

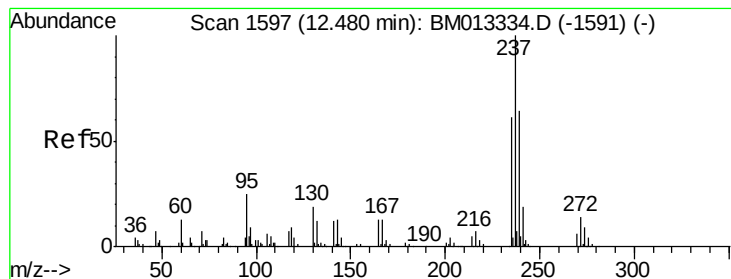
200000

100000

0

Time--> 12.45 12.50 12.55





#37

Hexachlorocyclopentadiene

Concen: 18.048 ng/ul

RT: 12.48 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

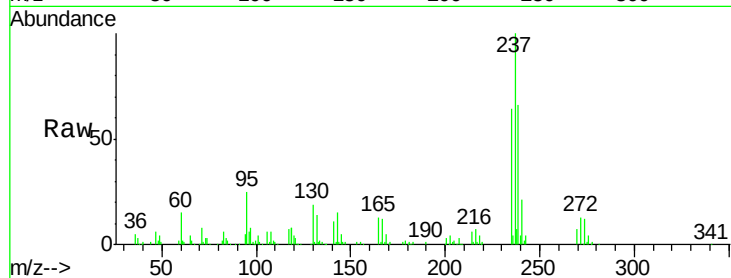
Tot Ion:237 Resp: 214866

Ion Ratio Lower Upper

237 100

235 63.6 50.2 75.4

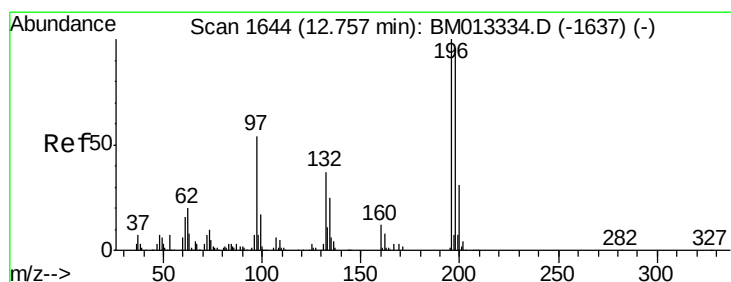
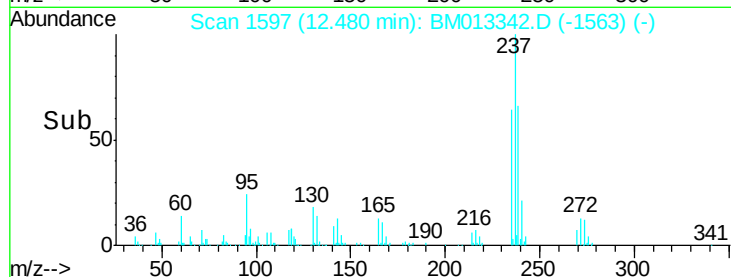
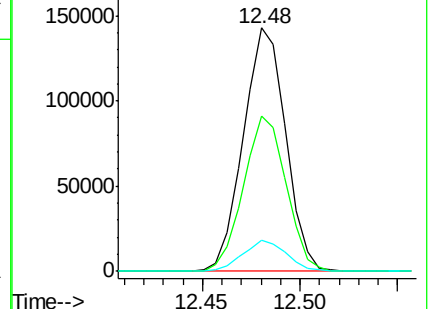
272 13.3 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 20.420 ng/ul

RT: 12.75 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

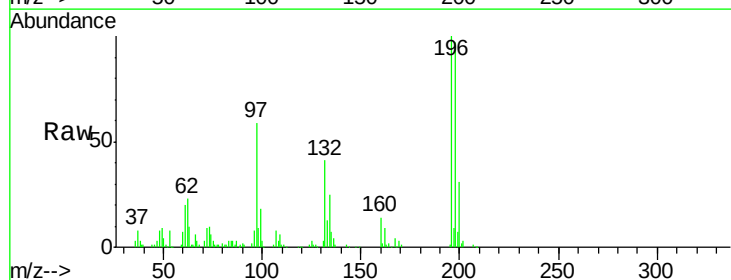
Tgt Ion:196 Resp: 230270

Ion Ratio Lower Upper

196 100

198 97.4 74.1 111.1

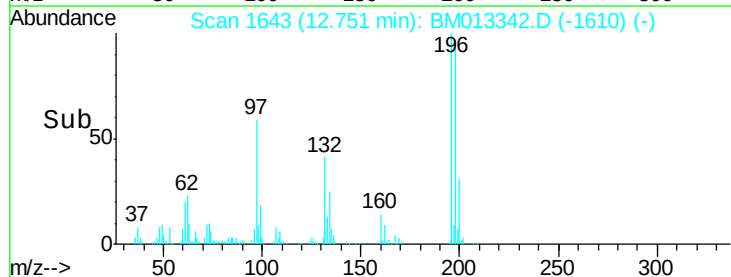
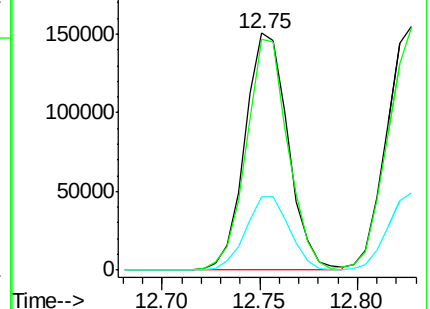
200 31.0 25.2 37.8

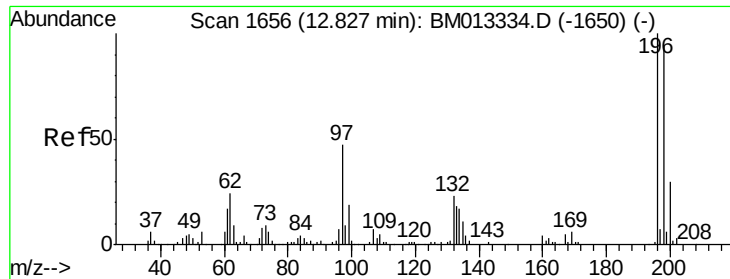


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

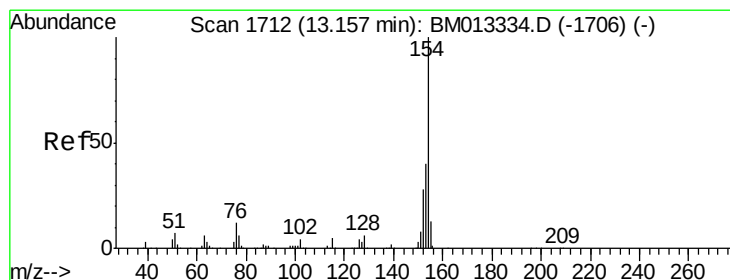
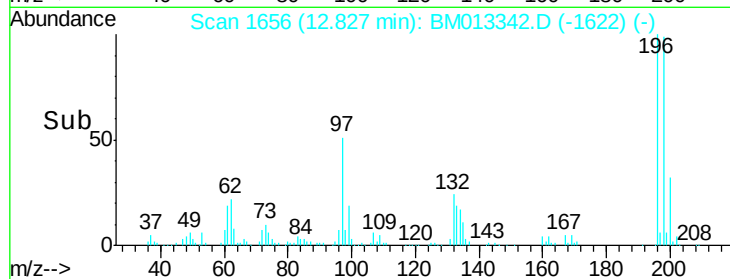
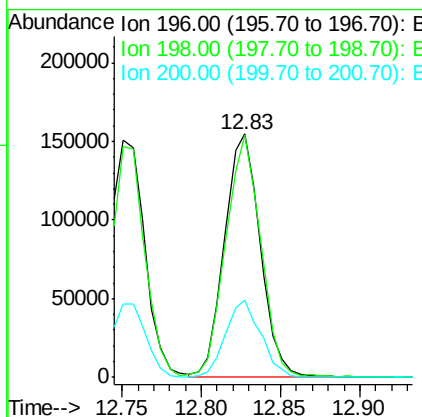
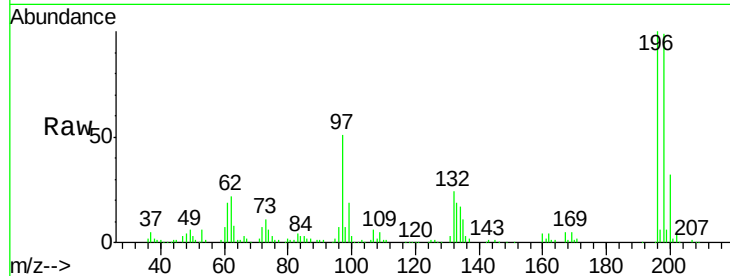




#39
 2,4,5-Trichlorophenol
 Concen: 20.152 ng/ul
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

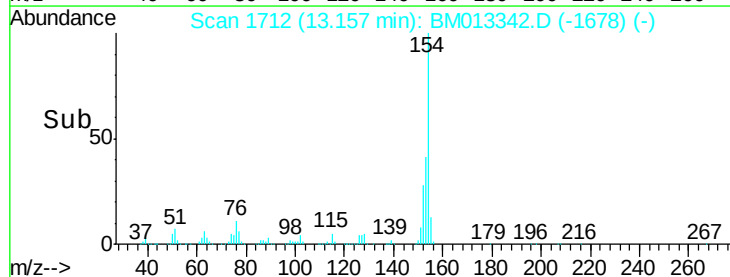
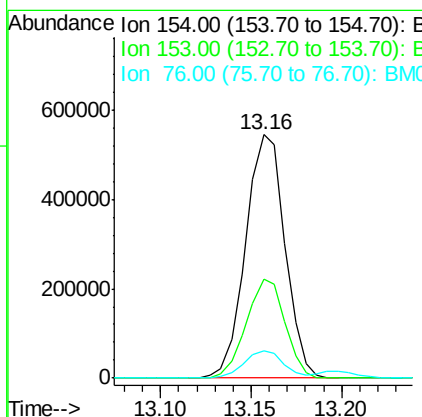
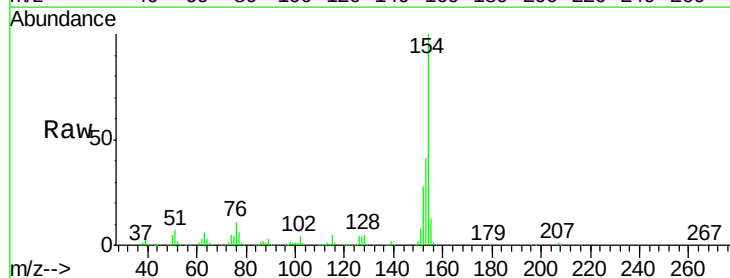
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02030

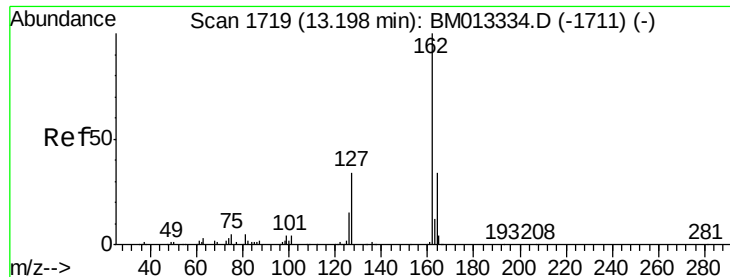
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.5	75.6	113.4
200	31.8	25.5	38.3



#40
 1,1'-Biphenyl
 Concen: 19.341 ng/ul
 RT: 13.16 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.6	48.8
76	11.2	8.5	12.7

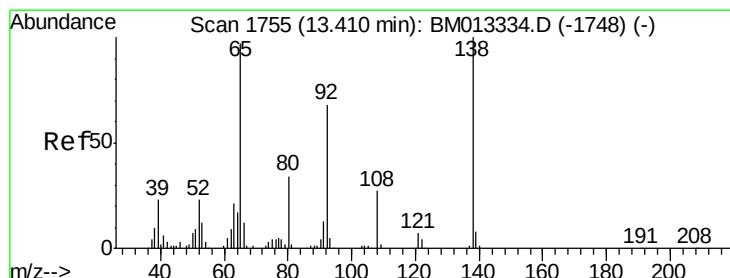
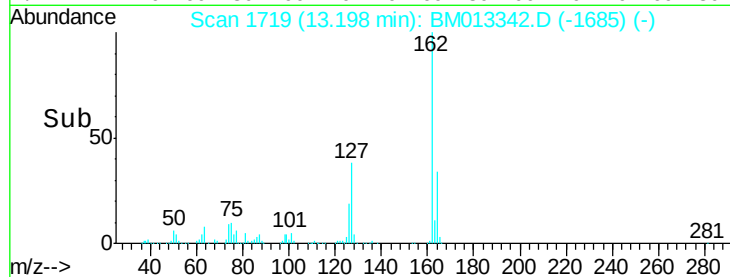
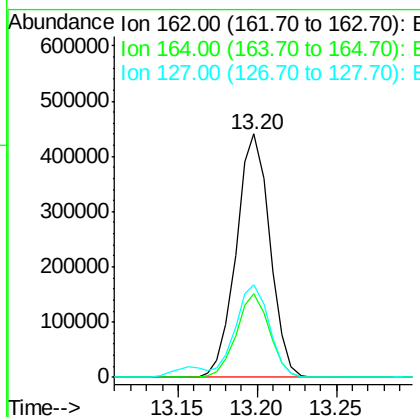
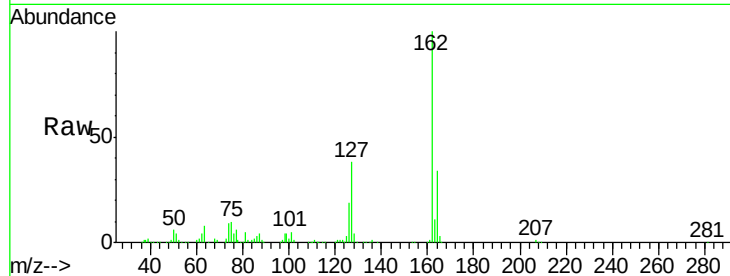




#41
 2-Chloronaphthalene
 Concen: 19.576 ng/ul
 RT: 13.20 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

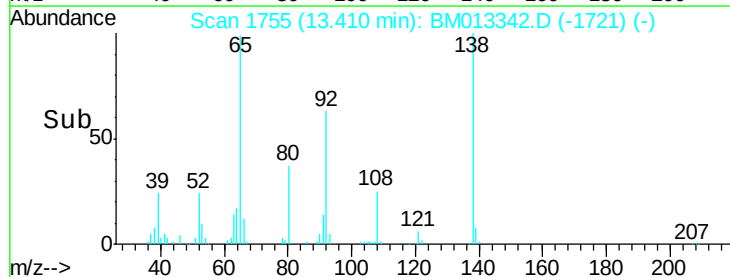
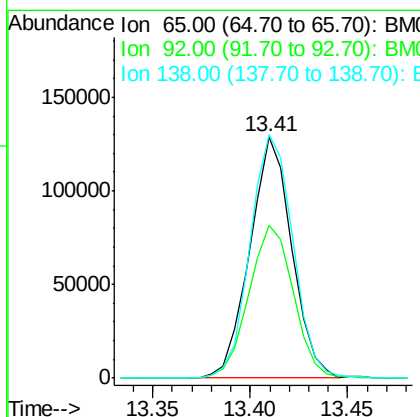
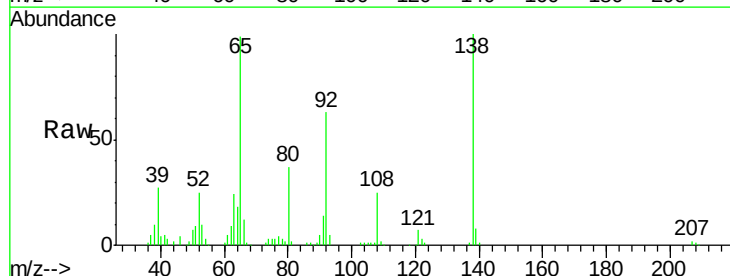
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02030

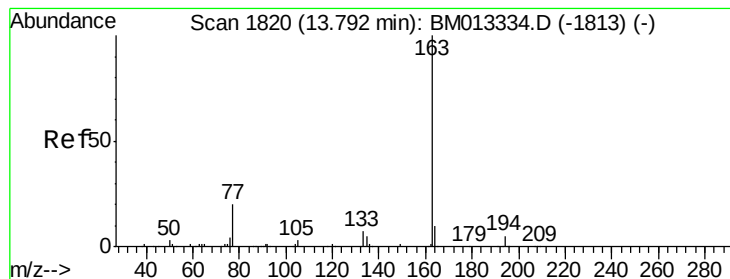
Tot Ion	Ratio	Lower	Upper
162	100		
164	34.1	25.9	38.9
127	37.9	29.4	44.2



#42
 2-Nitroaniline
 Concen: 19.731 ng/ul
 RT: 13.41 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.1	51.8	77.6
138	100.8	74.2	111.4





#44

Dimethylphthalate

Concen: 19.387 ng/ul

RT: 13.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

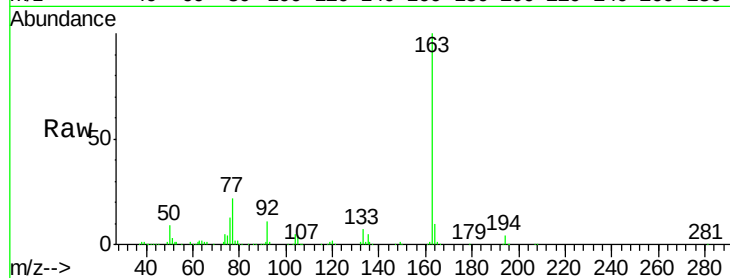
Tot Ion:163 Resp: 827151

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

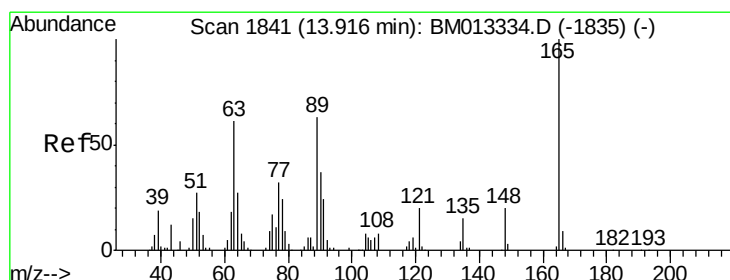
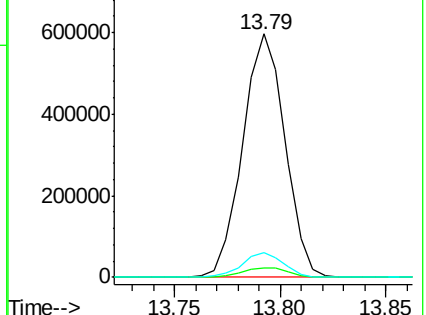
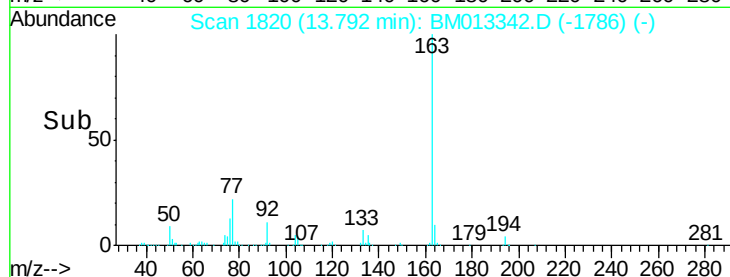
164 10.0 8.2 12.4



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: 19.891 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

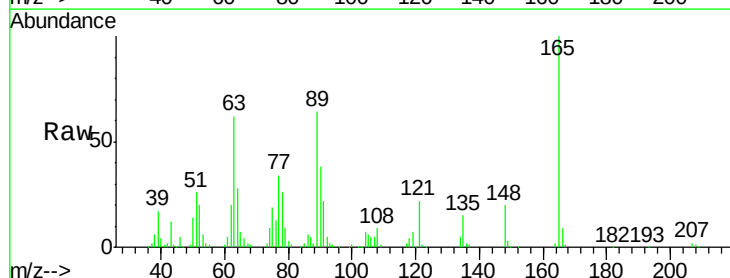
Tgt Ion:165 Resp: 173080

Ion Ratio Lower Upper

165 100

89 64.4 52.6 79.0

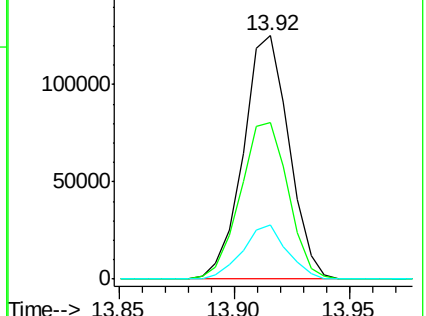
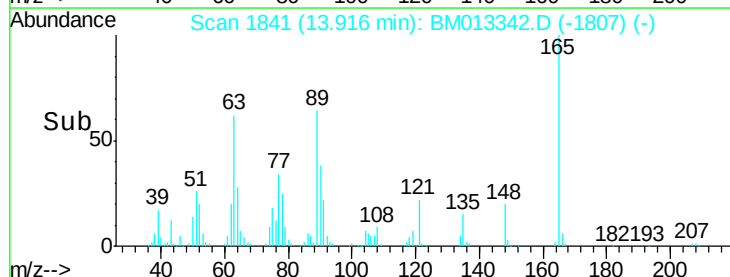
121 22.3 14.6 22.0#

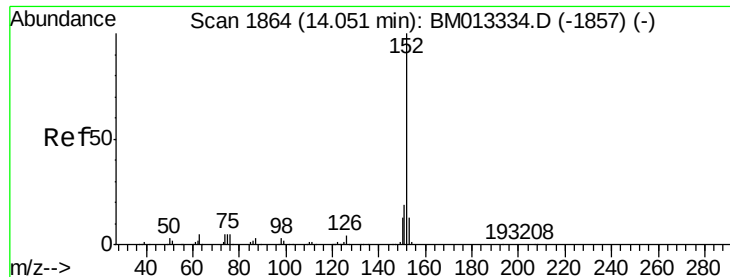


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.627 ng/ul

RT: 14.05 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

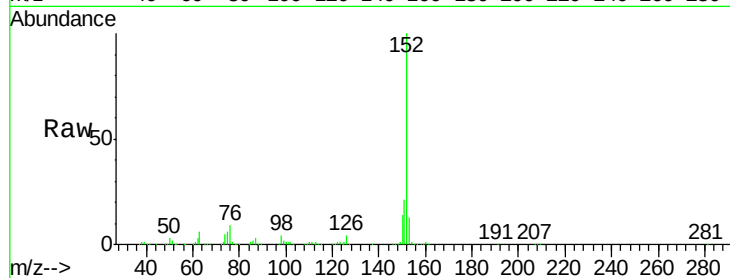
Tot Ion:152 Resp: 999828

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

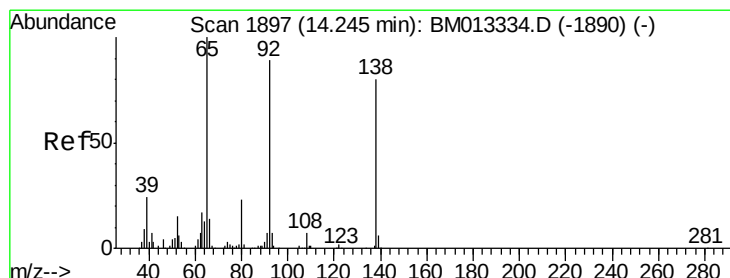
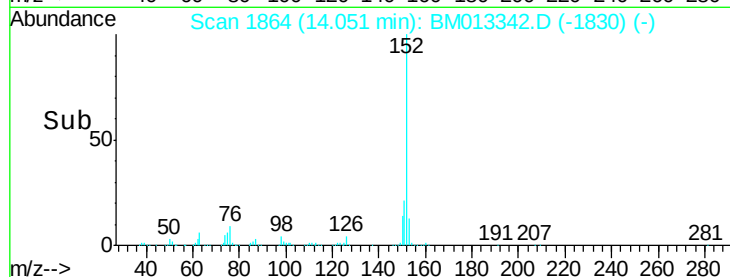
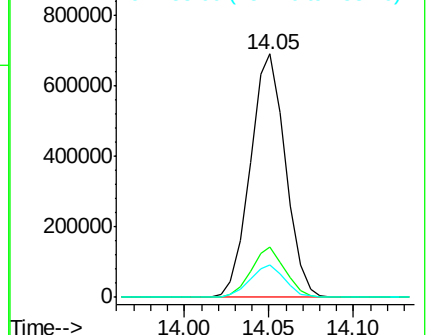
153 13.2 10.2 15.4



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: 21.184 ng/ul

RT: 14.24 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

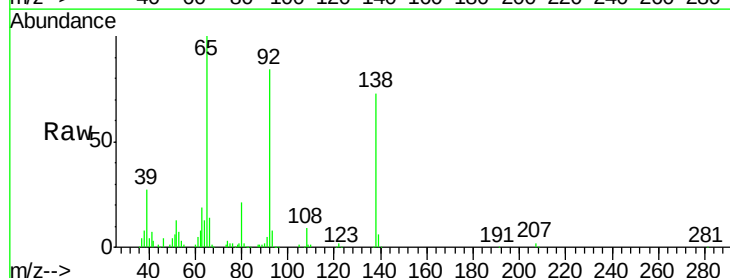
Tgt Ion:138 Resp: 164767

Ion Ratio Lower Upper

138 100

108 12.8 9.9 14.9

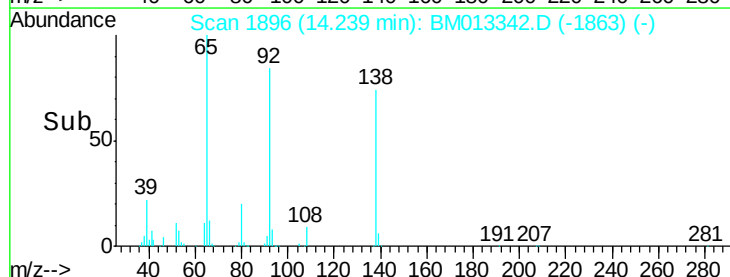
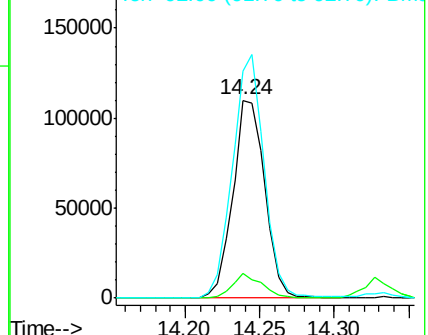
92 114.7 105.0 157.4

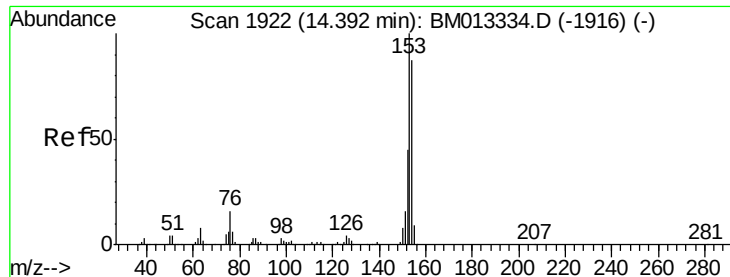


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.651 ng/ul

RT: 14.39 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

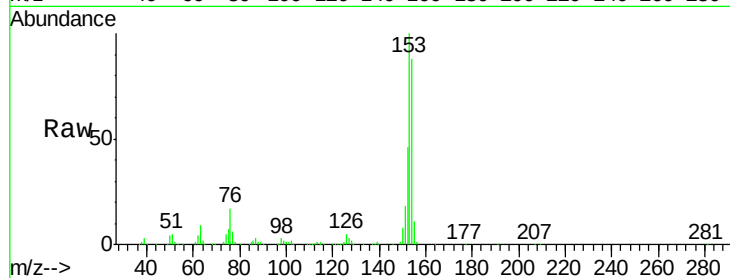
Tot Ion:153 Resp: 681913

Ion Ratio Lower Upper

153 100

152 46.3 37.6 56.4

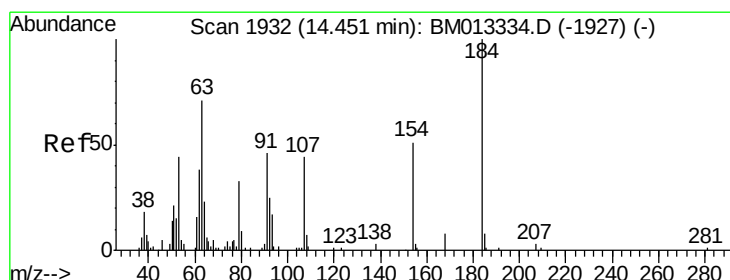
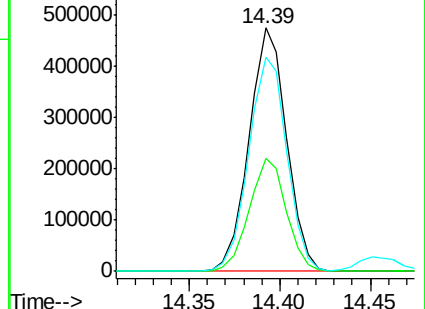
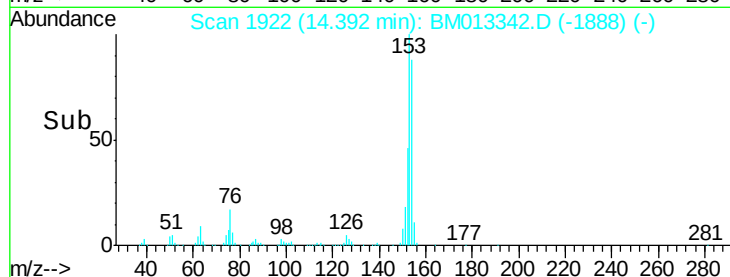
154 87.7 70.4 105.6



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: 14.187 ng/ul

RT: 14.46 min Scan# 1933

Delta R.T. 0.01 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

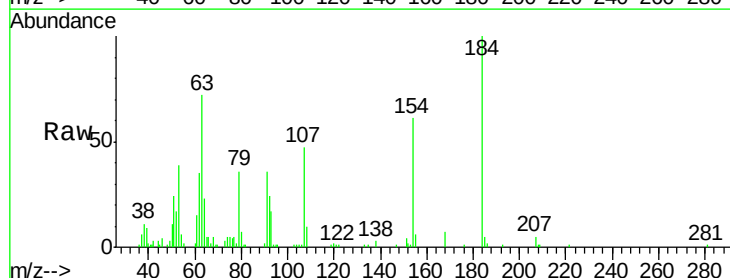
Tgt Ion:184 Resp: 68313

Ion Ratio Lower Upper

184 100

63 72.3 50.1 75.1

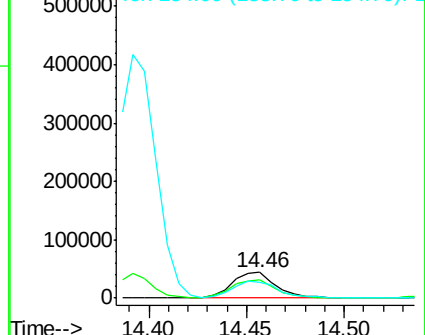
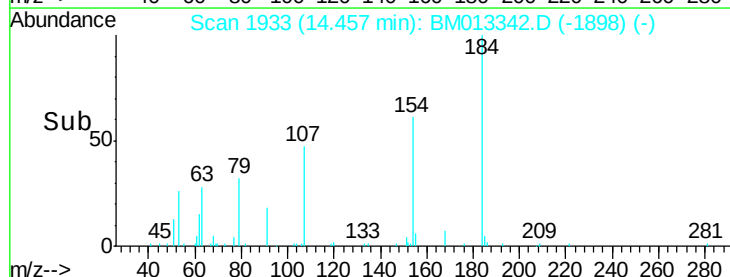
154 60.7 54.5 81.7

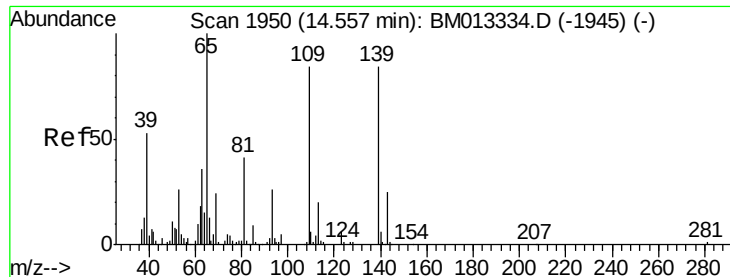


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.231 ng/ul

RT: 14.56 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

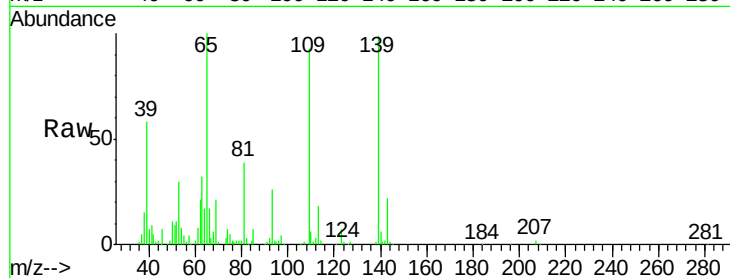
Tot Ion:109 Resp: 138613

Ion Ratio Lower Upper

109 100

139 106.1 80.0 120.0

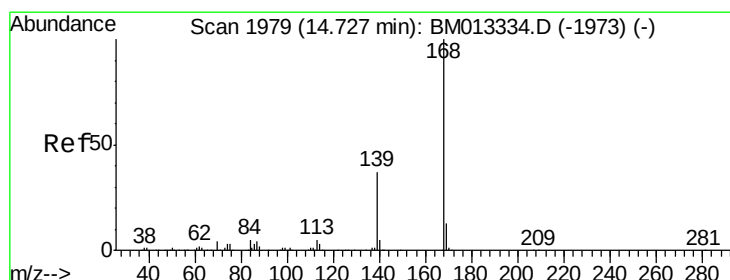
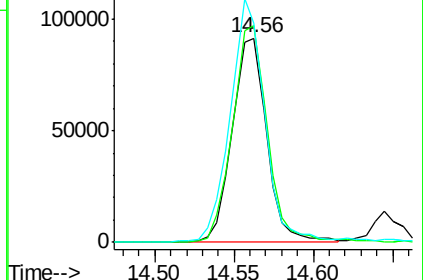
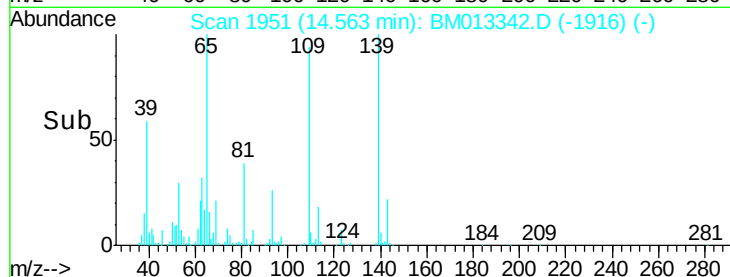
65 107.4 120.0 180.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 19.689 ng/ul

RT: 14.73 min Scan# 1980

Delta R.T. 0.01 min

Lab File: BM013342.D

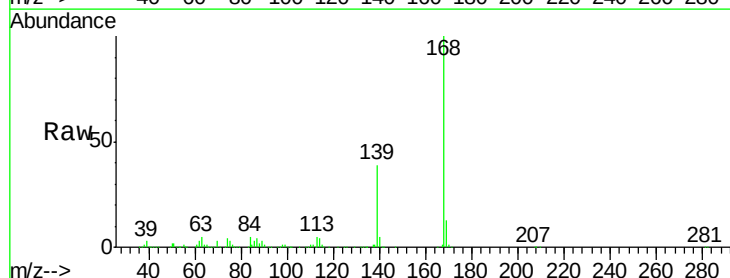
Acq: 12 Dec 2017 16:57

Tgt Ion:168 Resp: 1008652

Ion Ratio Lower Upper

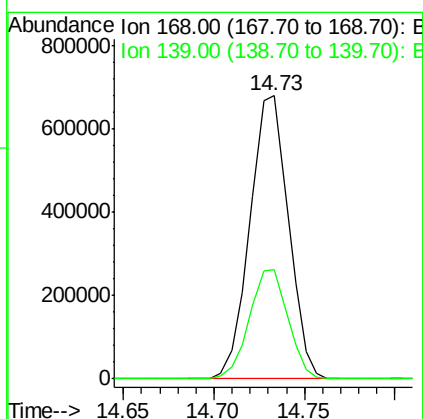
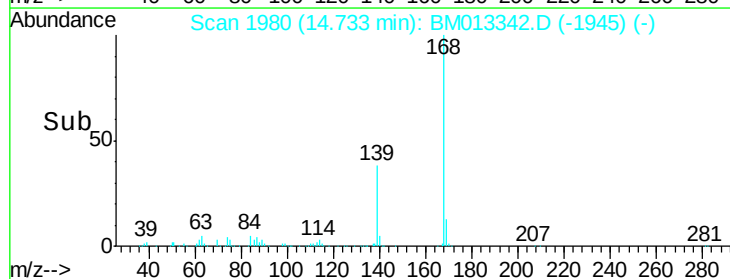
168 100

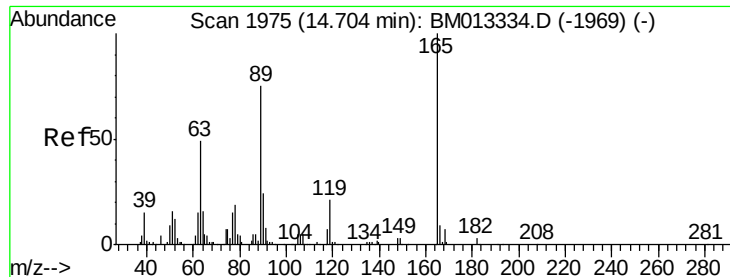
139 38.5 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

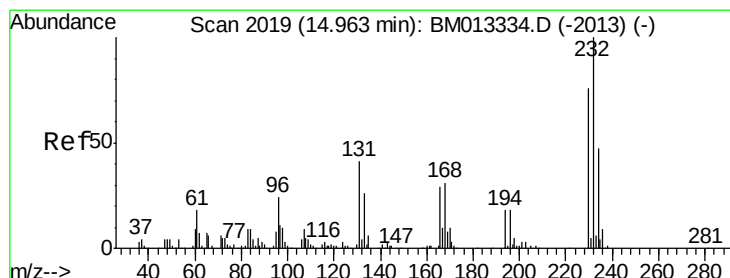
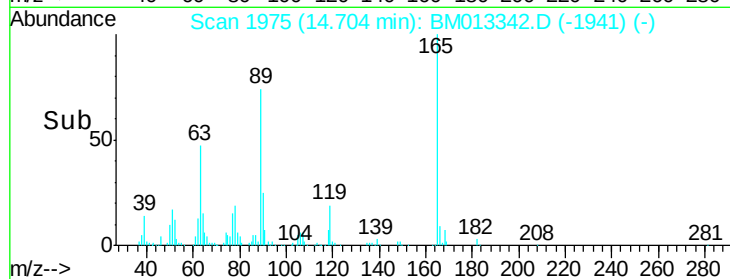
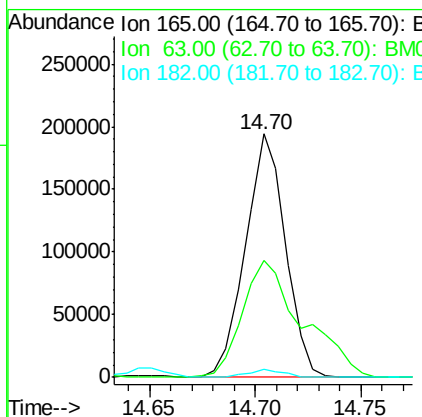
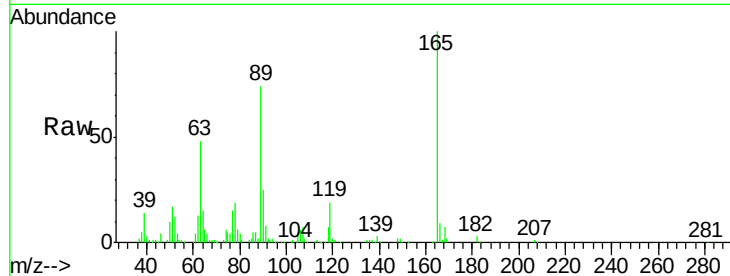




#54
 2,4-Dinitrotoluene
 Concen: 20.210 ng/ul
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

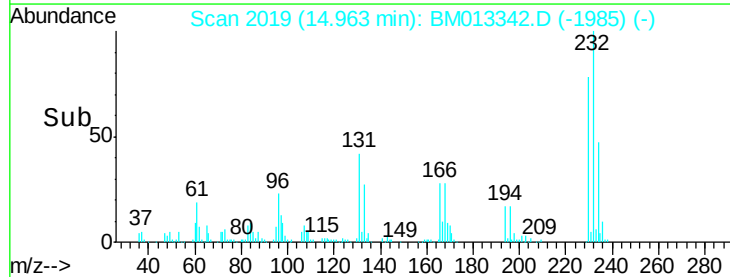
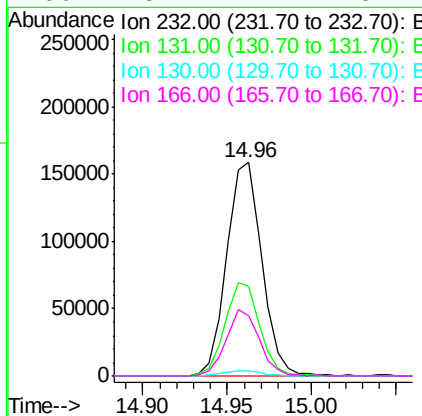
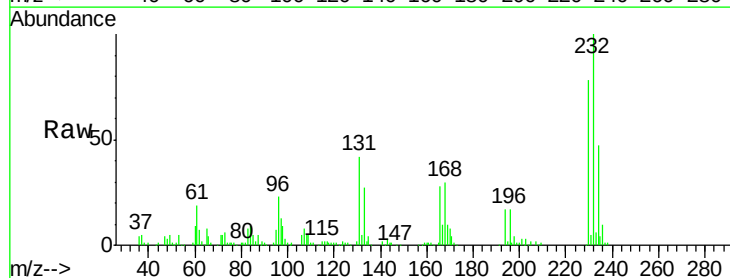
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02030

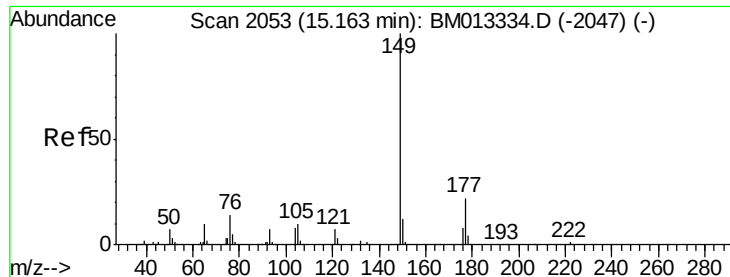
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.8	45.8	68.8
182	3.1	2.6	4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.964 ng/ul
 RT: 14.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BM013342.D
 Acq: 12 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.7	29.0	43.4
130	2.5	2.0	3.0
166	28.2	21.4	32.2

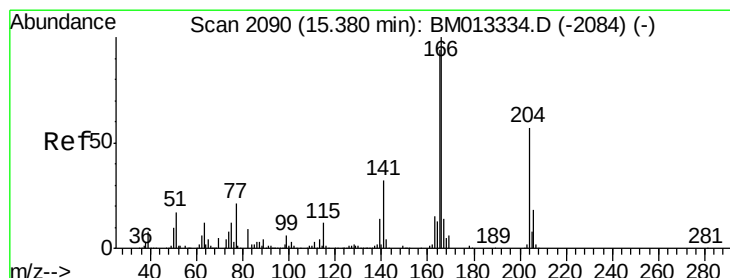
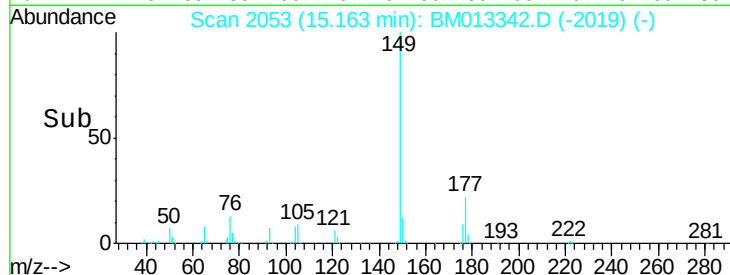
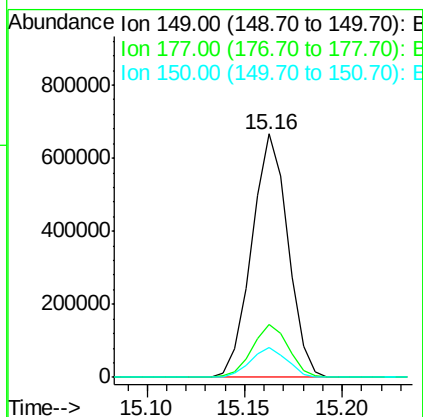
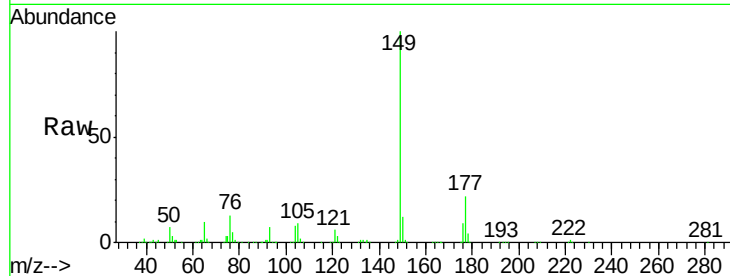




#56
Diethylphthalate
Concen: 20.060 ng/ul
RT: 15.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

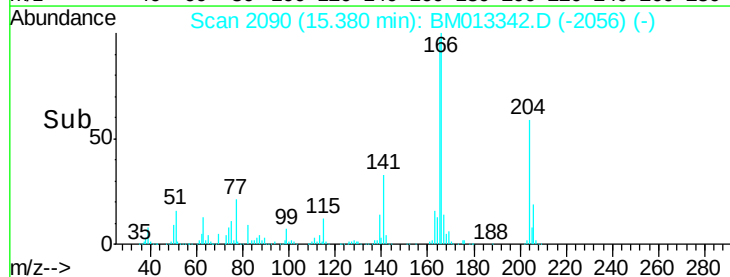
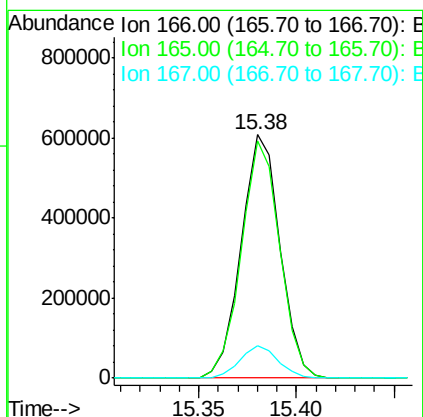
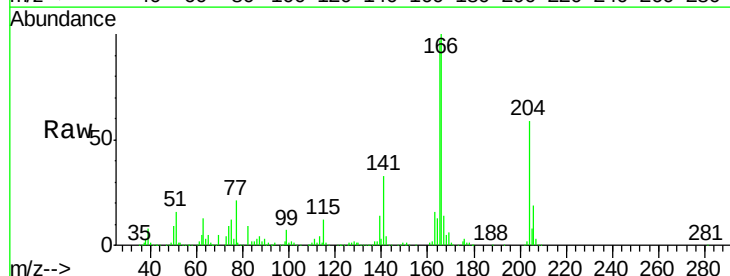
Instrument :
BNA_M
ClientSampleId :
SSTD02030

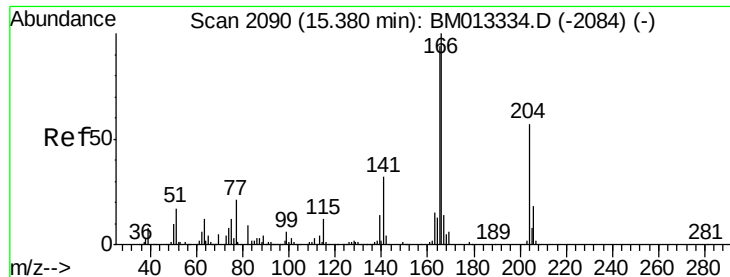
Tot Ion:149 Resp: 858380
Ion Ratio Lower Upper
149 100
177 22.0 20.5 30.7
150 12.1 10.6 15.8



#58
Fluorene
Concen: 19.756 ng/ul
RT: 15.38 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

Tgt Ion:166 Resp: 837268
Ion Ratio Lower Upper
166 100
165 97.5 77.9 116.9
167 13.6 10.6 16.0

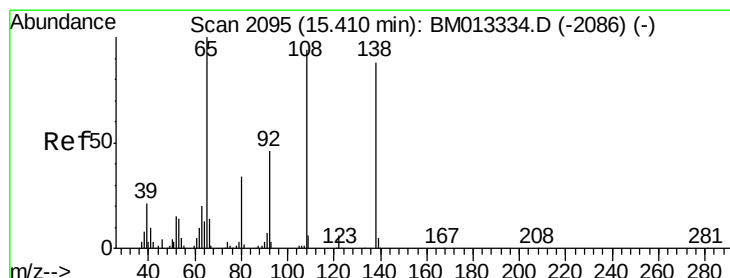
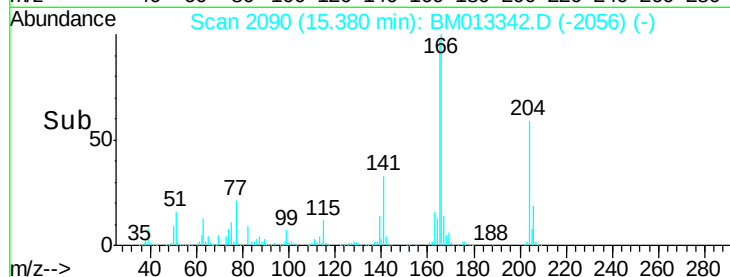
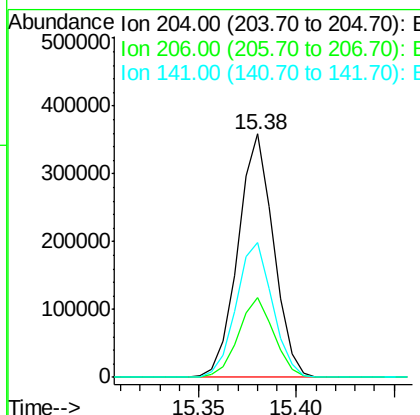
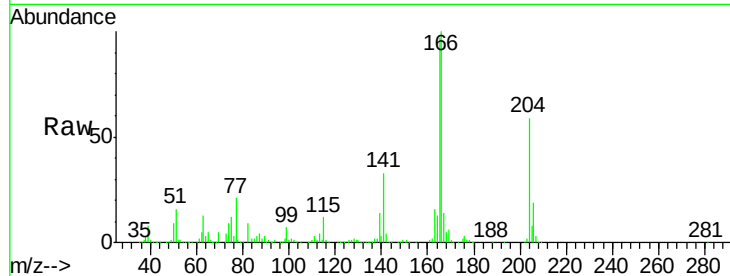




#59
4-Chlorophenyl-phenylether
Concen: 19.692 ng/ul
RT: 15.38 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

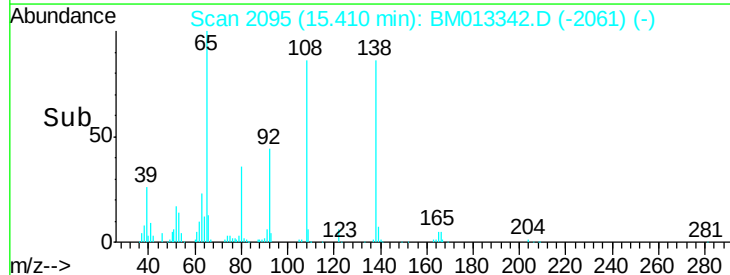
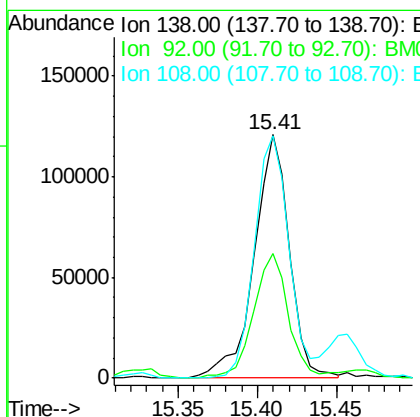
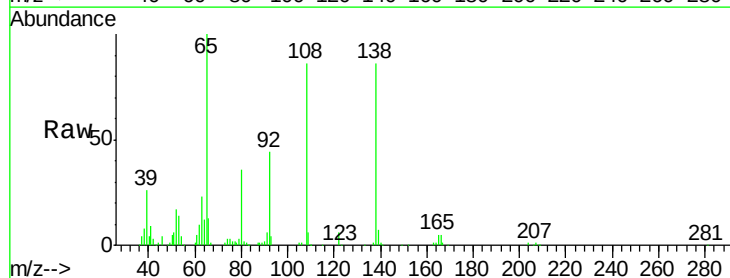
Instrument :
BNA_M
ClientSampleId :
SSTD02030

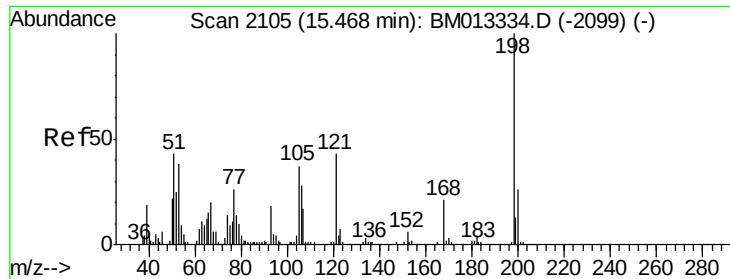
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	24.8	37.2
141	55.3	44.3	66.5



#60
4-Nitroaniline
Concen: 20.396 ng/ul
RT: 15.41 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.2	40.0	60.0
108	99.7	80.0	120.0





#63

4,6-Dinitro-2-methylphenol

Concen: 16.027 ng/ul

RT: 15.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

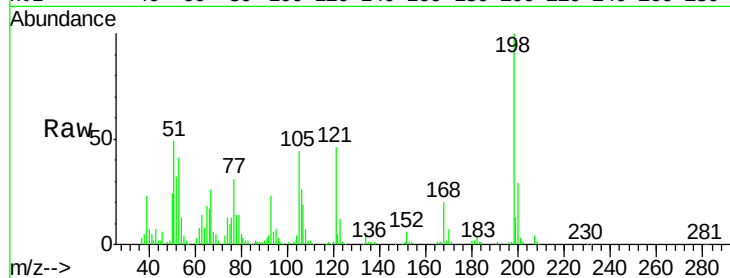
Tot Ion:198 Resp: 128424

Ion Ratio Lower Upper

198 100

182 3.8 3.8 5.6

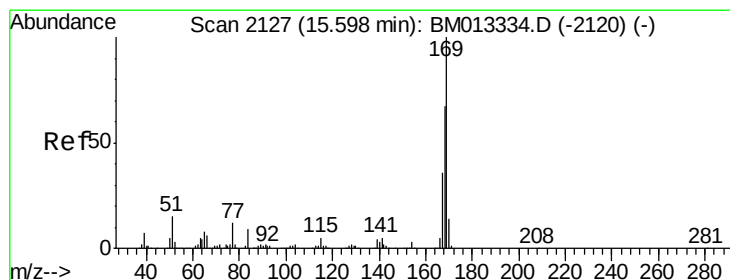
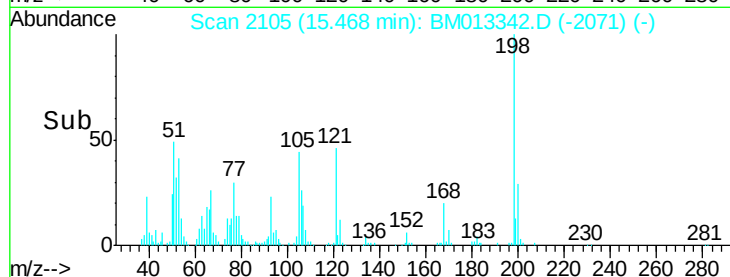
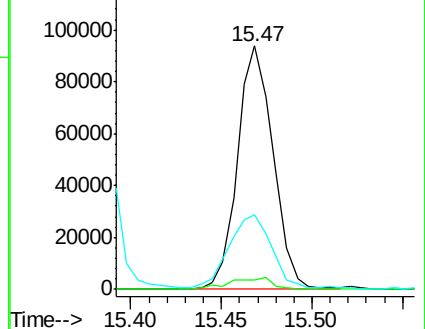
77 30.8 25.2 37.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): E



#64

N-Nitrosodiphenylamine

Concen: 19.148 ng/ul

RT: 15.60 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

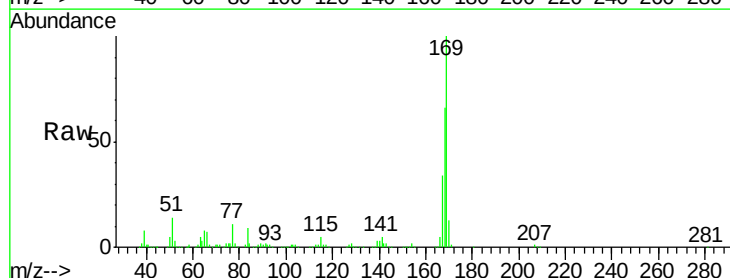
Tgt Ion:169 Resp: 718970

Ion Ratio Lower Upper

169 100

168 65.6 54.0 81.0

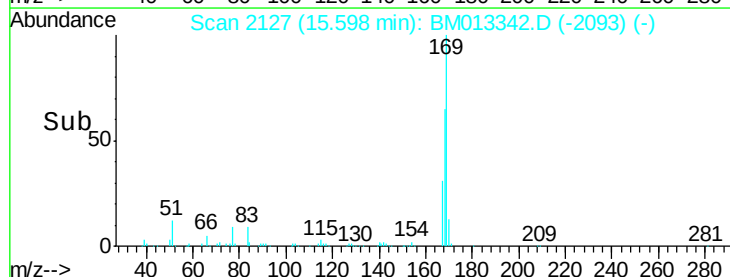
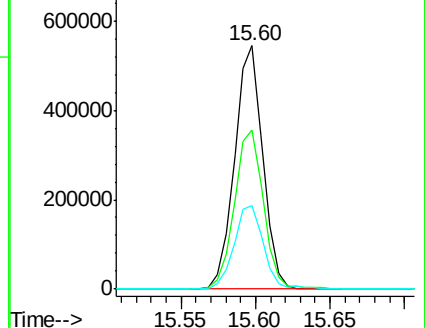
167 34.2 29.1 43.7

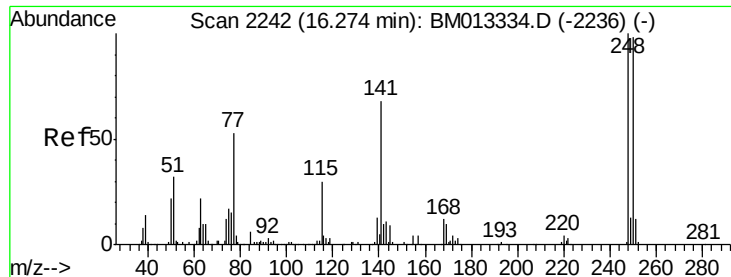


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

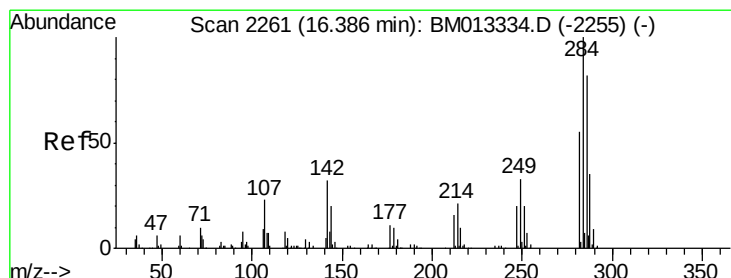
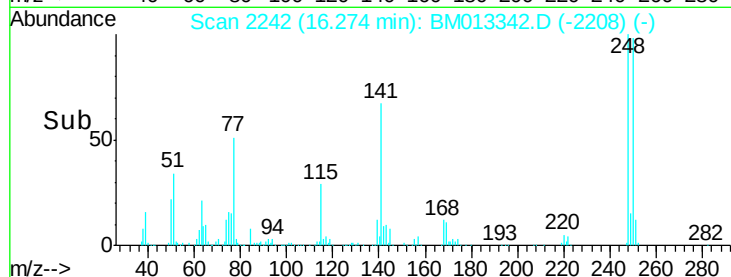
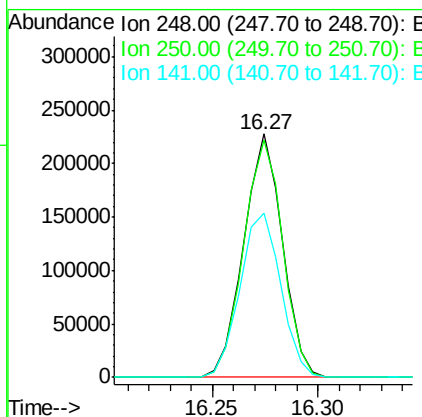
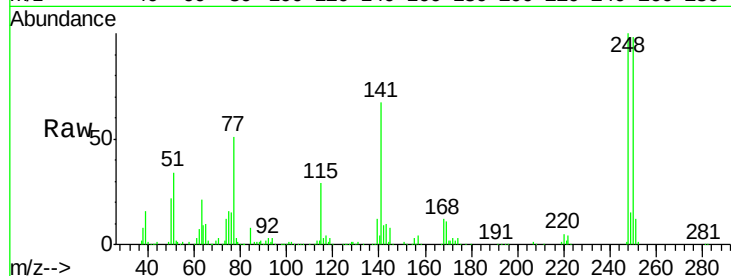




#65
4-Bromophenyl-phenylether
Concen: 19.376 ng/ul
RT: 16.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

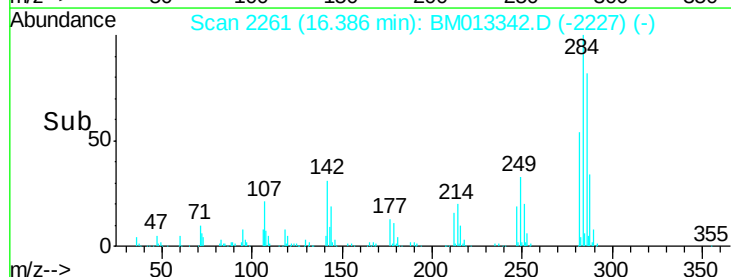
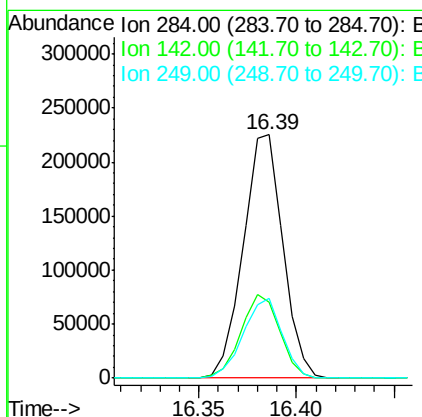
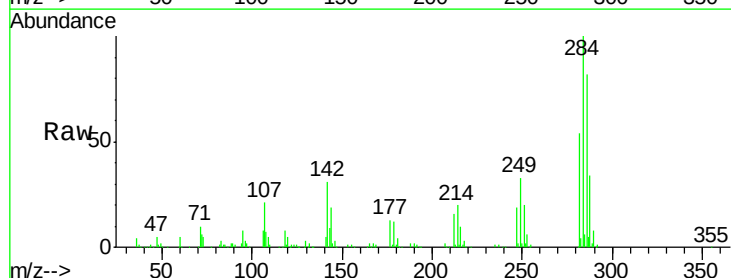
Instrument :
BNA_M
ClientSampleId :
SSTD02030

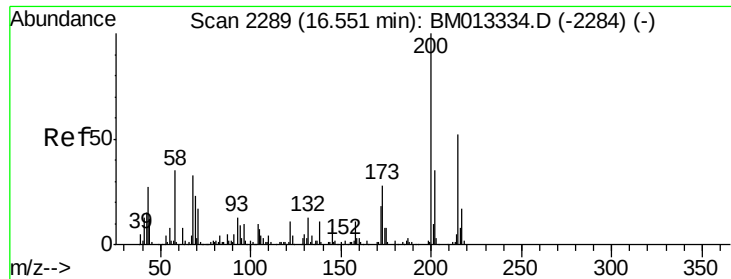
Tot Ion:248 Resp: 290323
Ion Ratio Lower Upper
248 100
250 97.7 80.5 120.7
141 67.4 53.6 80.4



#66
Hexachlorobenzene
Concen: 19.228 ng/ul
RT: 16.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

Tgt Ion:284 Resp: 317723
Ion Ratio Lower Upper
284 100
142 31.3 21.2 31.8
249 32.9 24.5 36.7

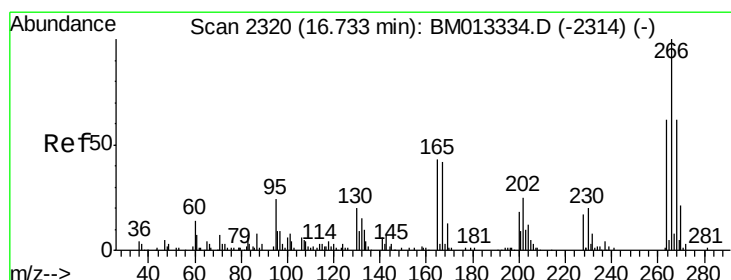
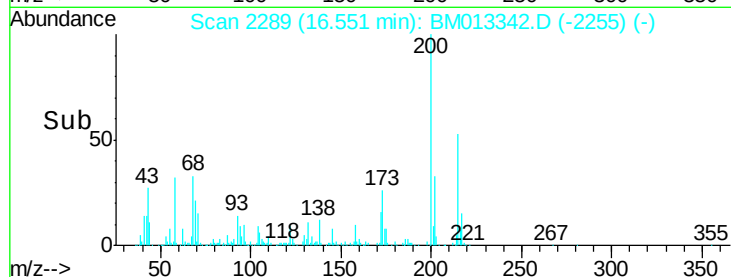
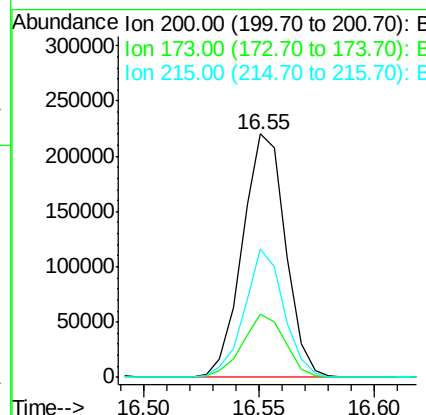
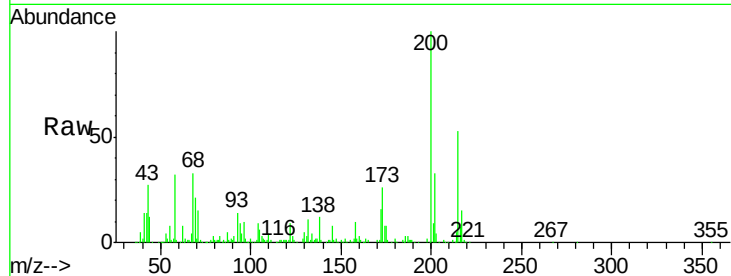




#67
Atrazine
Concen: 20.709 ng/ul
RT: 16.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

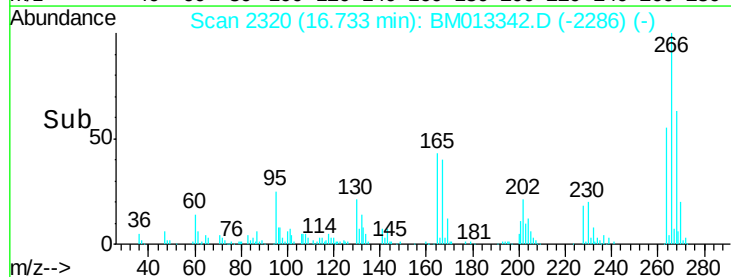
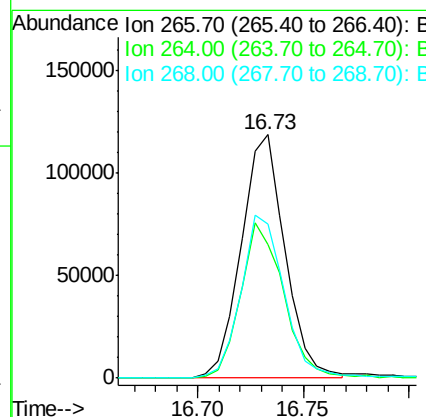
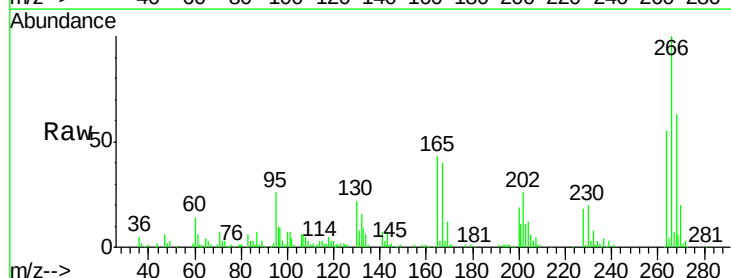
Instrument :
BNA_M
ClientSampled :
SSTD02030

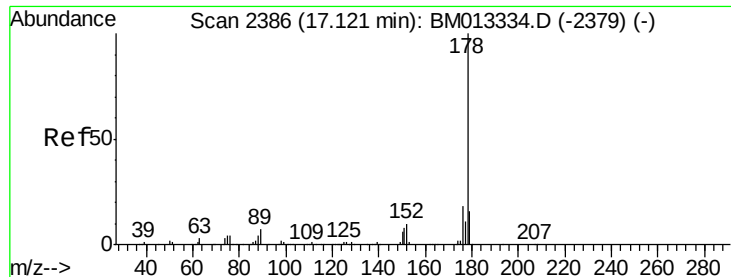
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	18.2	27.2
215	52.8	35.0	52.4



#68
Pentachlorophenol
Concen: 17.865 ng/ul
RT: 16.73 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
266	100		
264	54.9	49.3	73.9
268	63.1	52.6	78.8





#69

Phenanthrene

Concen: 19.130 ng/ul

RT: 17.12 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

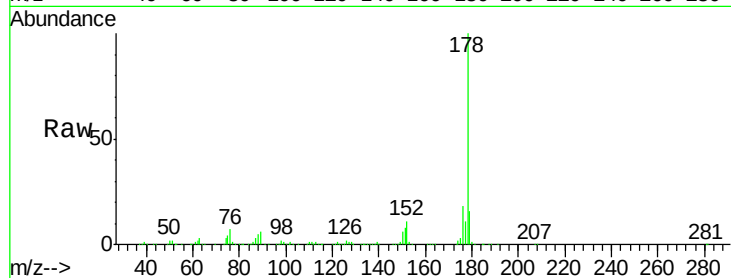
Tot Ion:178 Resp: 1385300

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

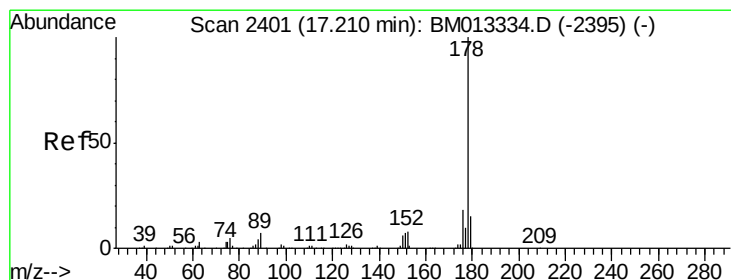
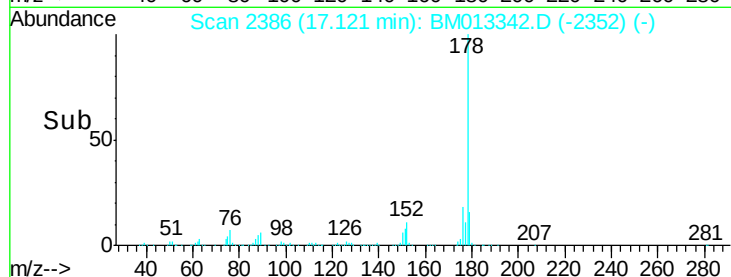
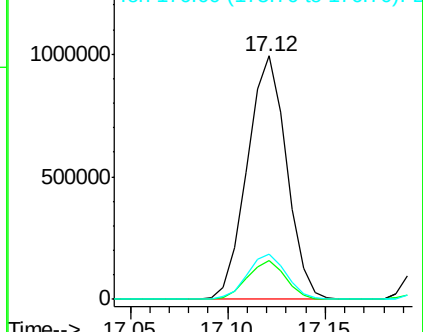
176 18.3 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.019 ng/ul

RT: 17.21 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

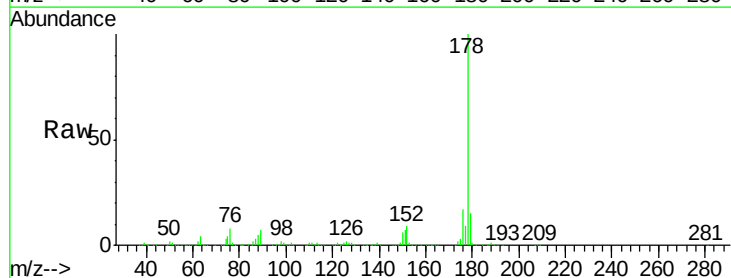
Tgt Ion:178 Resp: 1407785

Ion Ratio Lower Upper

178 100

179 15.3 11.7 17.5

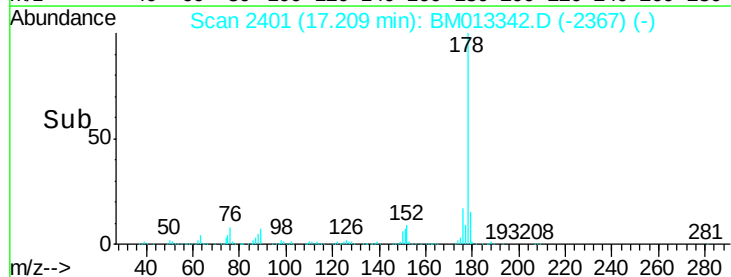
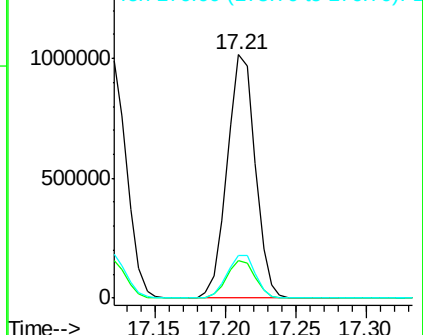
176 17.3 14.6 21.8

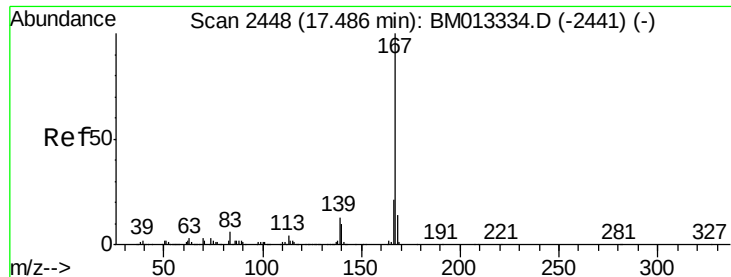


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 18.822 ng/ul

RT: 17.49 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

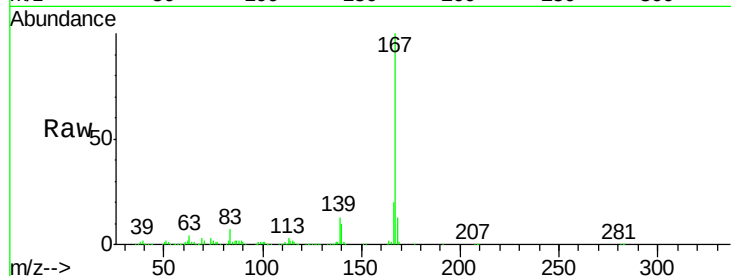
BNA_M

ClientSampleId :

SSTD02030

Tot Ion:167 Resp: 1198337

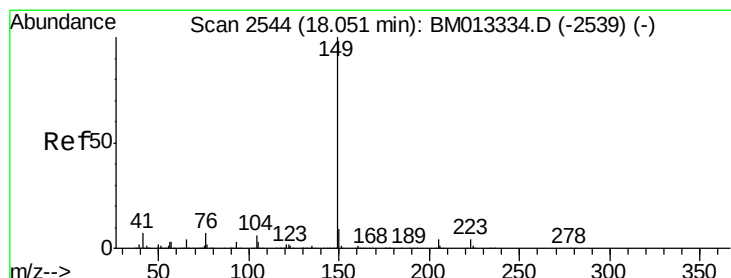
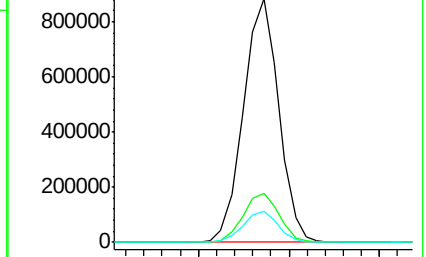
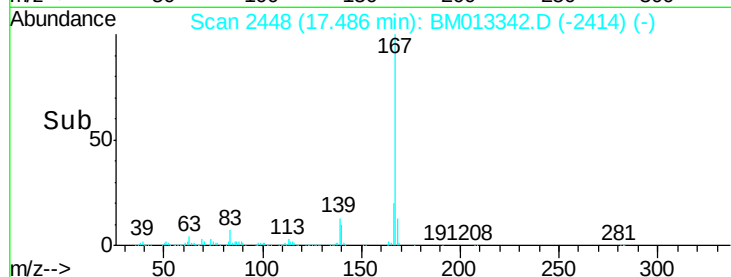
Ion	Ratio	Lower	Upper
167	100		
166	20.2	17.1	25.7
139	12.7	10.0	15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 19.992 ng/ul

RT: 18.05 min Scan# 2544

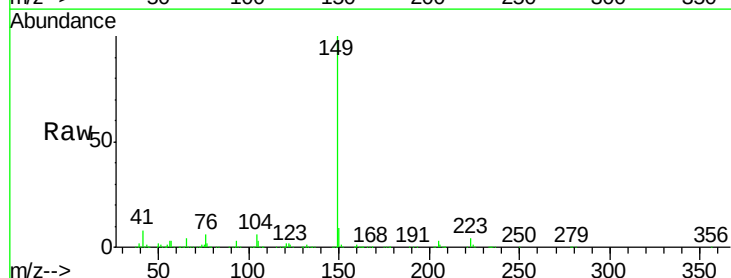
Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Tgt Ion:149 Resp: 1485859

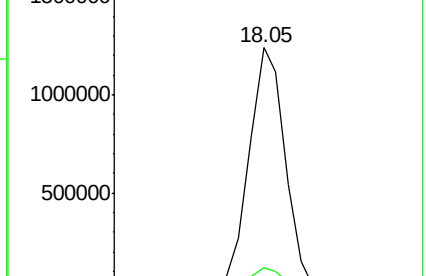
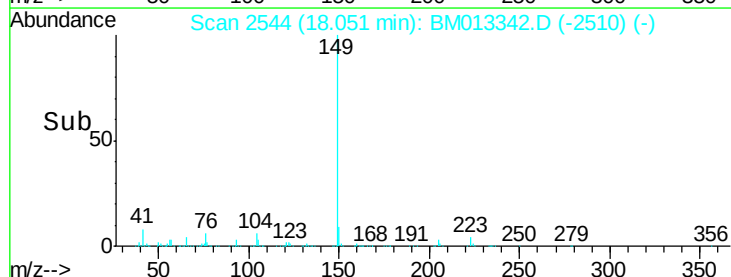
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.1	10.7
104	6.2	5.6	8.4

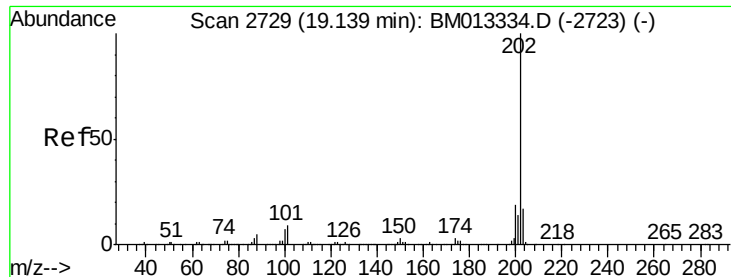


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 18.836 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

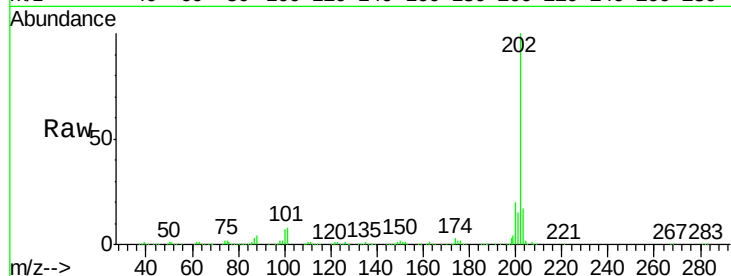
Tot Ion:202 Resp: 1671511

Ion Ratio Lower Upper

202 100

101 8.4 4.6 7.0#

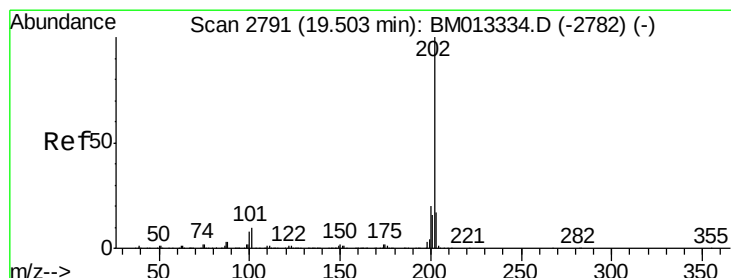
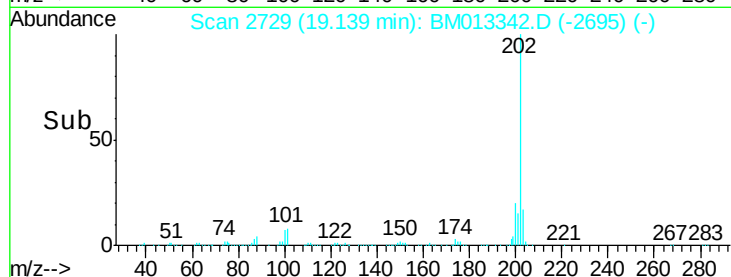
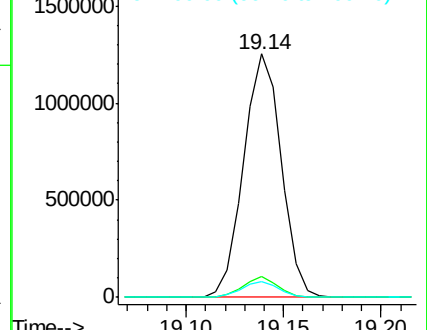
100 6.7 3.4 5.2#



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: 22.211 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

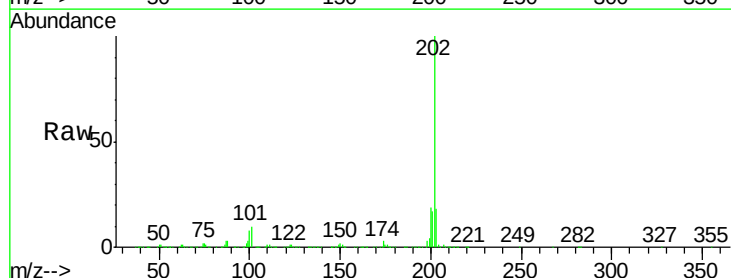
Tgt Ion:202 Resp: 1677463

Ion Ratio Lower Upper

202 100

101 9.8 5.1 7.7#

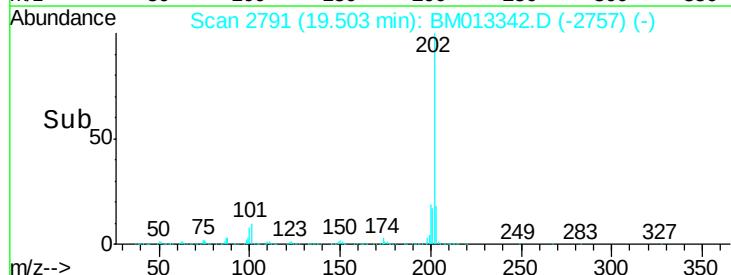
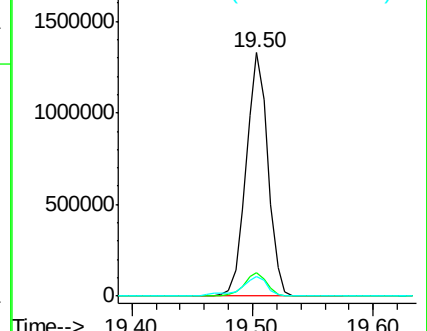
100 8.3 4.9 7.3#

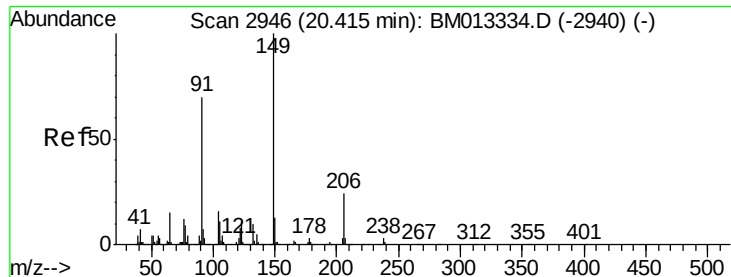


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

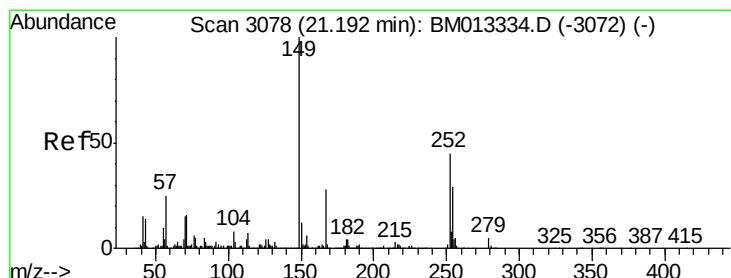
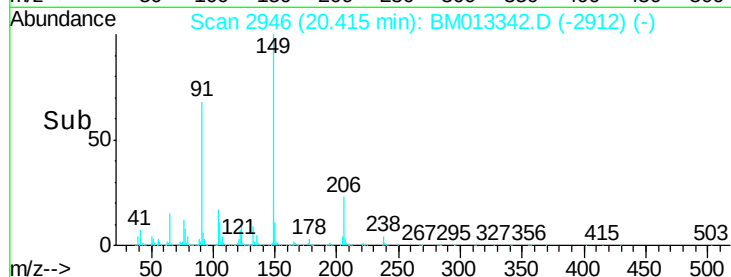
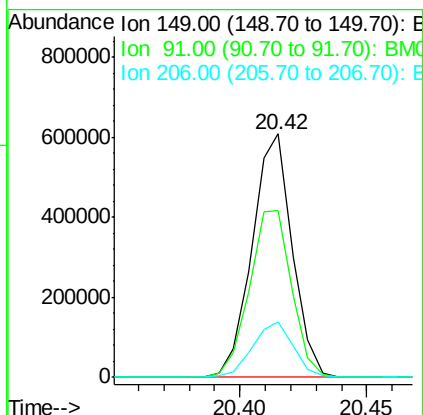
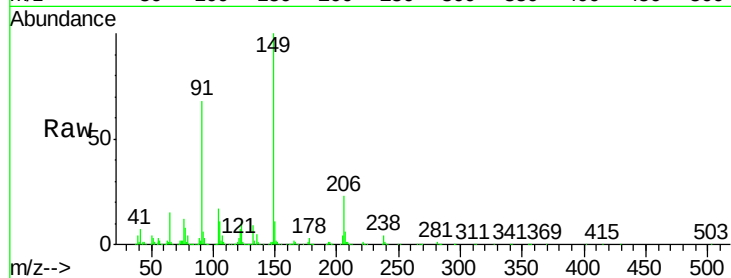




#78
Butylbenzylphthalate
Concen: 22.808 ng/ul
RT: 20.42 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

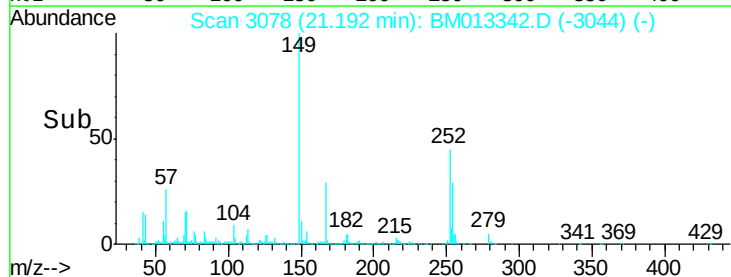
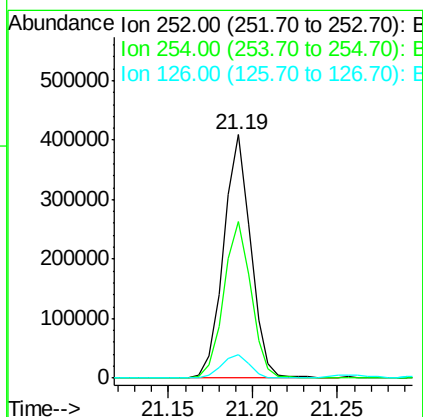
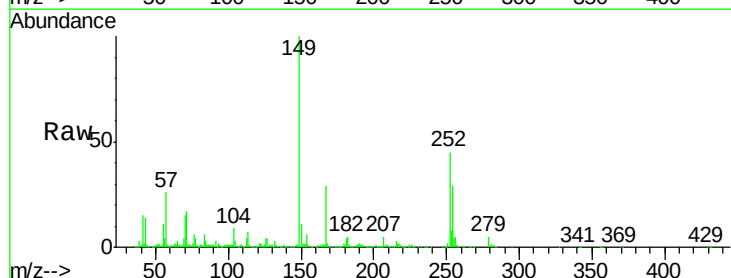
Instrument :
BNA_M
ClientSampleId :
SSTD02030

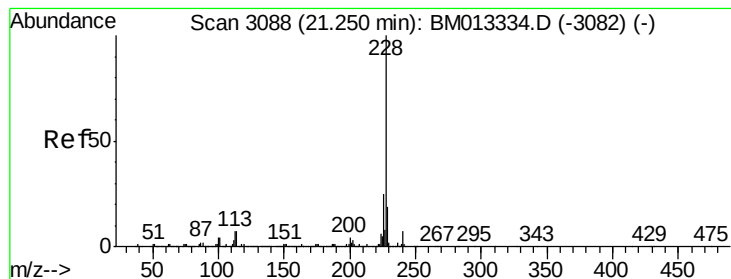
Tot Ion:149 Resp: 673046
Ion Ratio Lower Upper
149 100
91 68.4 62.7 94.1
206 23.0 20.8 31.2



#79
3,3'-Dichlorobenzidine
Concen: 17.343 ng/ul
RT: 21.19 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BM013342.D
Acq: 12 Dec 2017 16:57

Tgt Ion:252 Resp: 453228
Ion Ratio Lower Upper
252 100
254 64.1 54.5 81.7
126 9.9 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 19.723 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

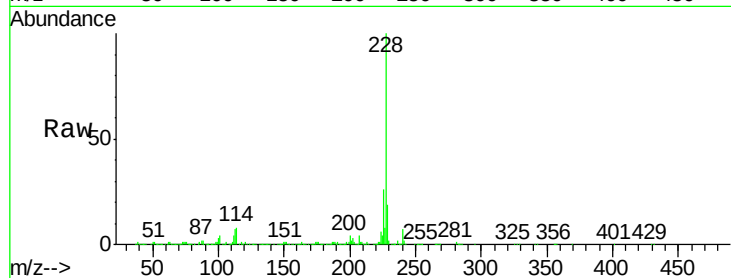
Tot Ion:228 Resp: 1555679

Ion Ratio Lower Upper

228 100

229 19.1 15.4 23.0

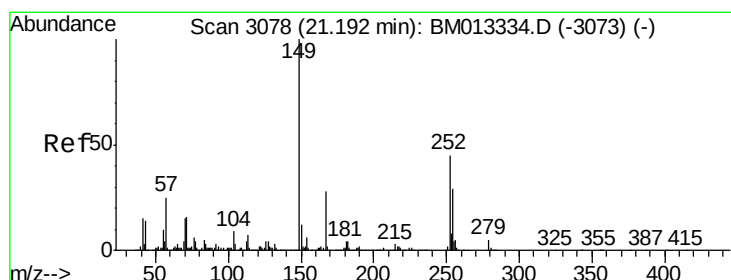
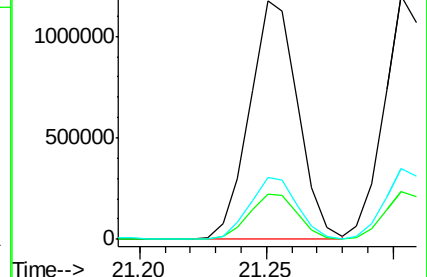
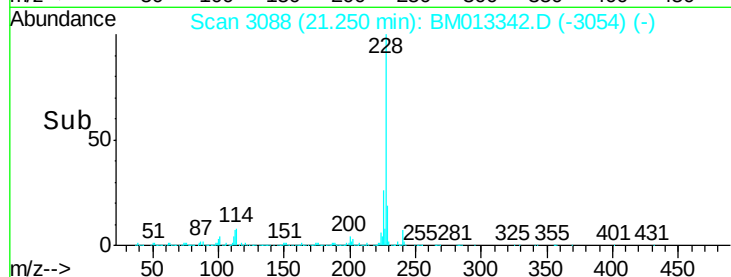
226 25.8 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 21.097 ng/ul

RT: 21.19 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

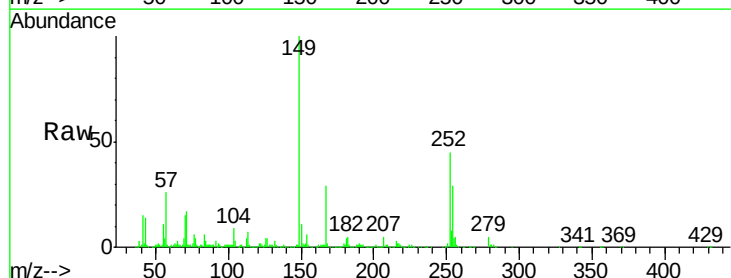
Tgt Ion:149 Resp: 938375

Ion Ratio Lower Upper

149 100

167 29.4 22.8 34.2

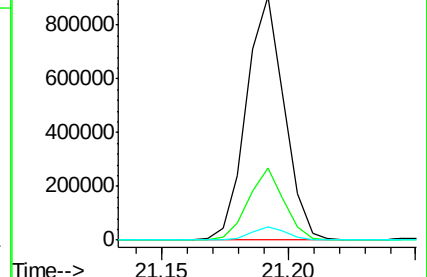
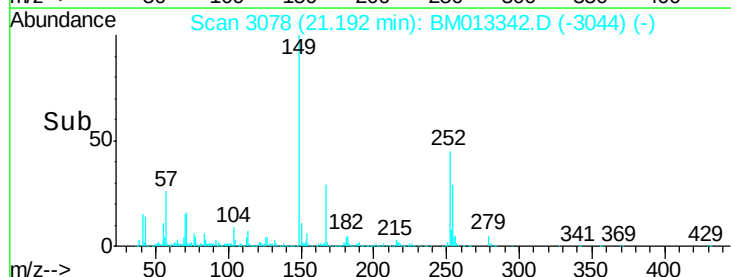
279 5.3 4.9 7.3

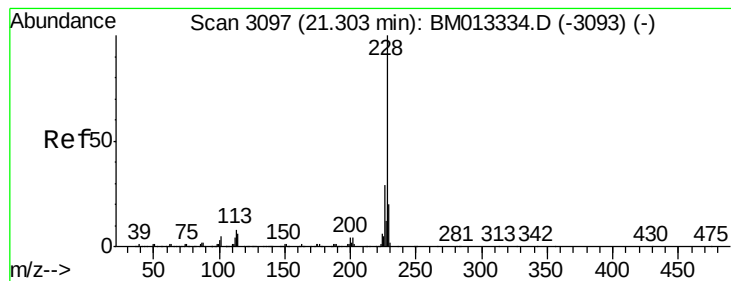


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.661 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

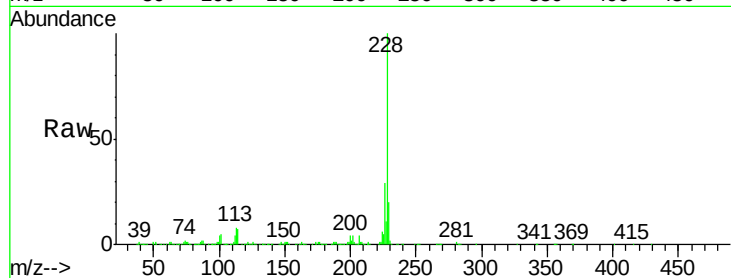
Tot Ion:228 Resp: 1438748

Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.2

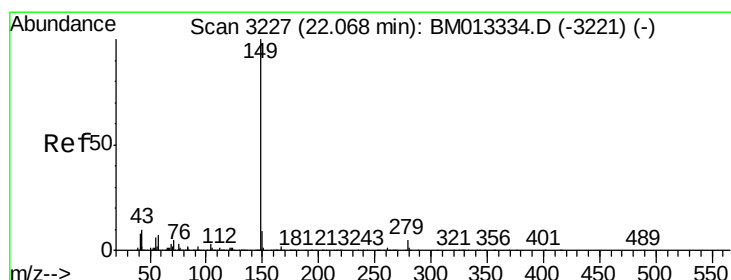
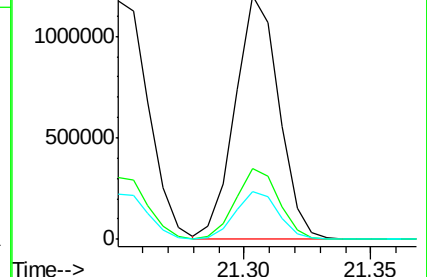
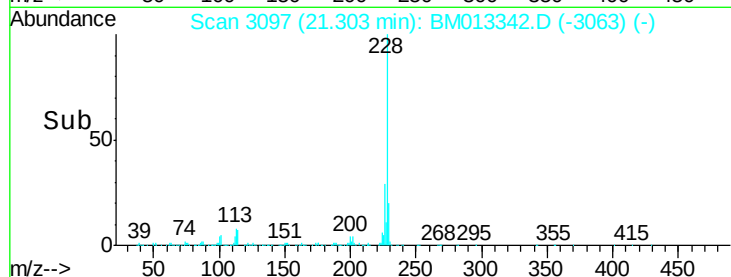
229 19.6 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 21.779 ng/ul

RT: 22.07 min Scan# 3227

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

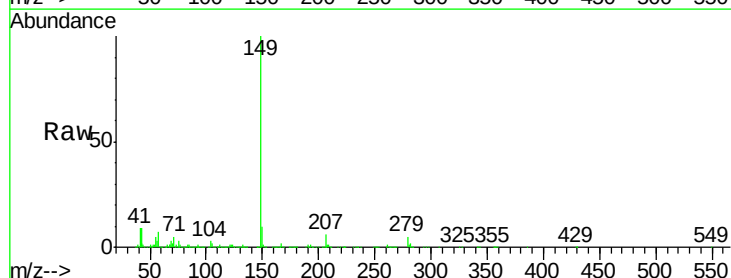
Tgt Ion:149 Resp: 1508933

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

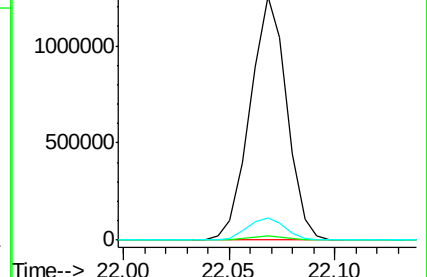
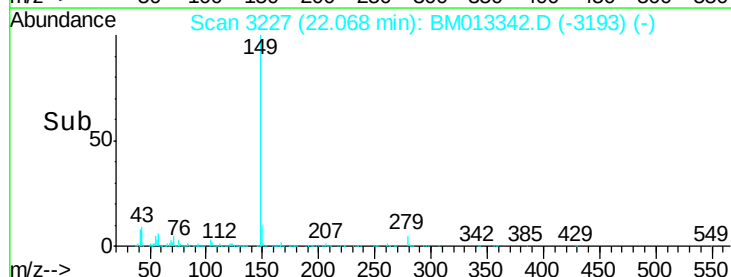
43 9.2 7.3 10.9

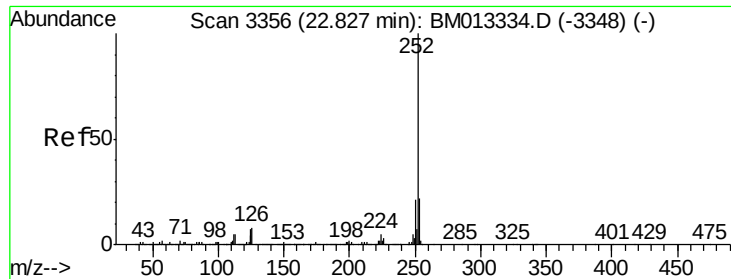


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 20.775 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

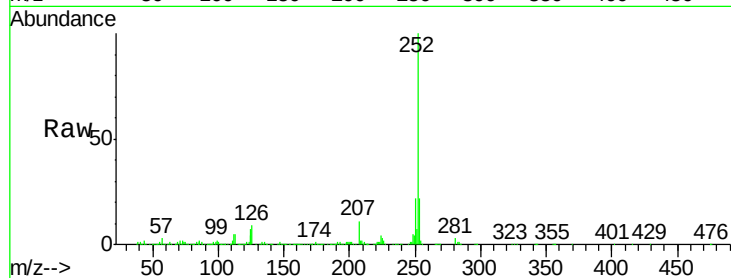
Tot Ion:252 Resp: 1364516

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

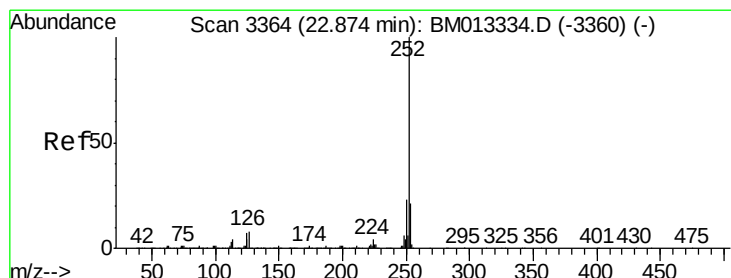
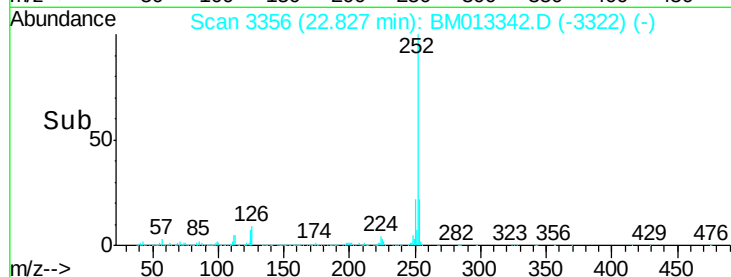
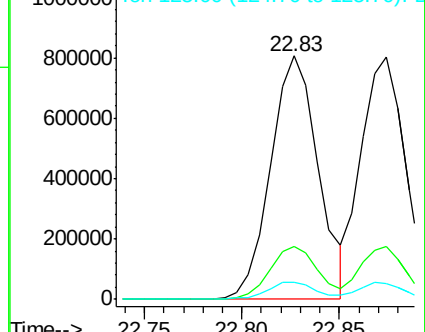
125 6.8 3.6 5.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 20.414 ng/ul

RT: 22.87 min Scan# 3364

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

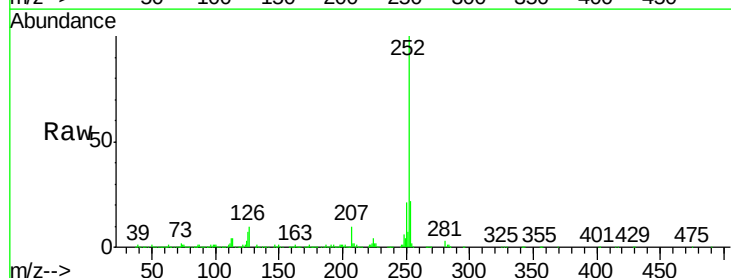
Tgt Ion:252 Resp: 1261750

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

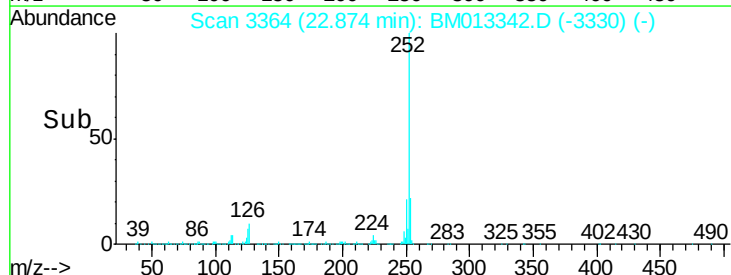
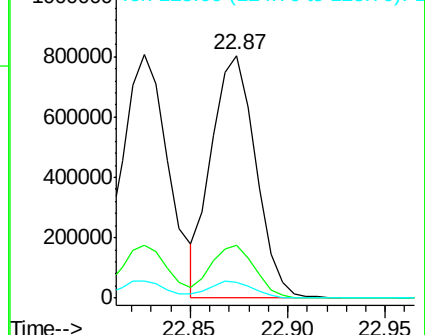
125 6.7 3.4 5.2#

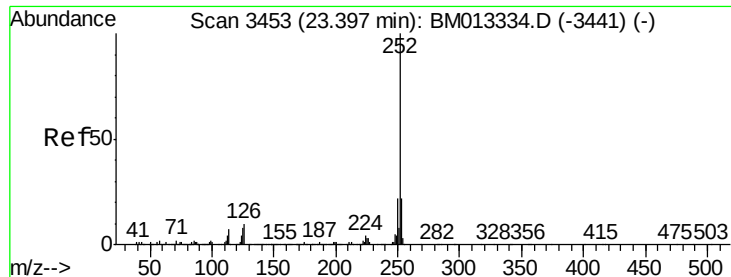


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.281 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

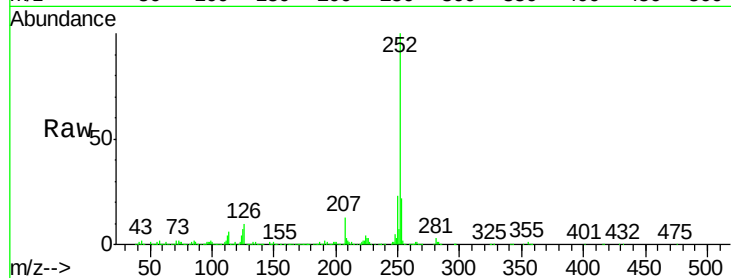
Tot Ion:252 Resp: 1137573

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

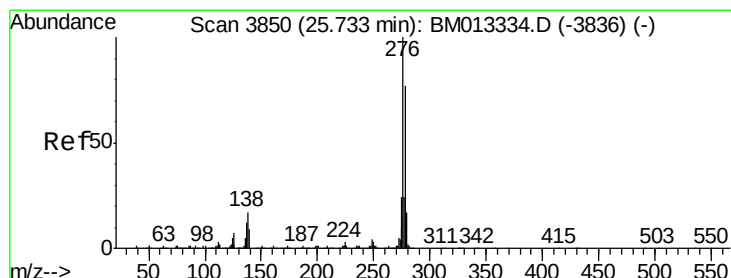
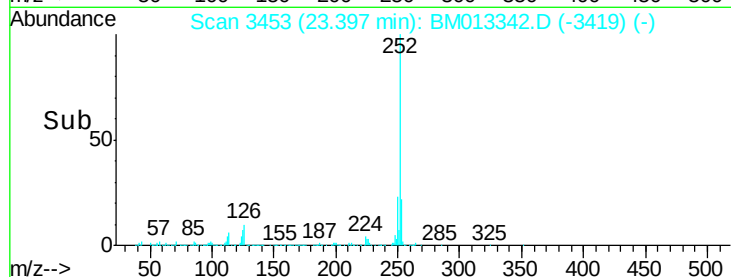
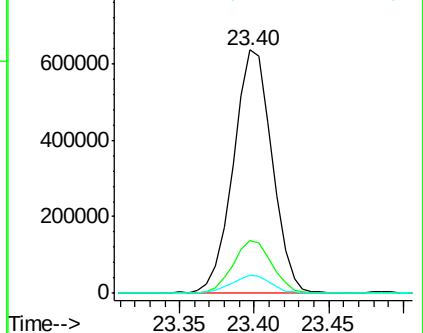
125 7.3 4.0 6.0#



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: 20.769 ng/ul

RT: 25.73 min Scan# 3850

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

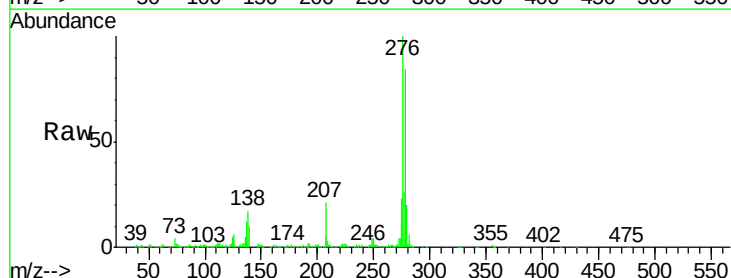
Tgt Ion:276 Resp: 1215836

Ion Ratio Lower Upper

276 100

138 17.4 9.3 13.9#

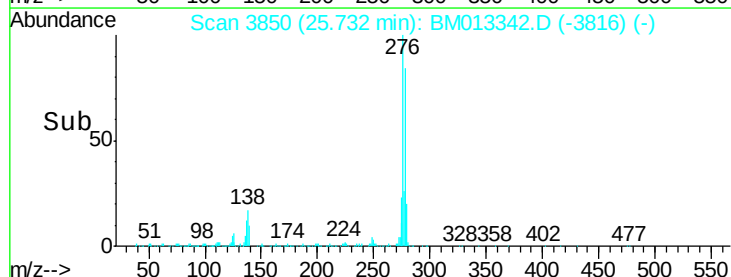
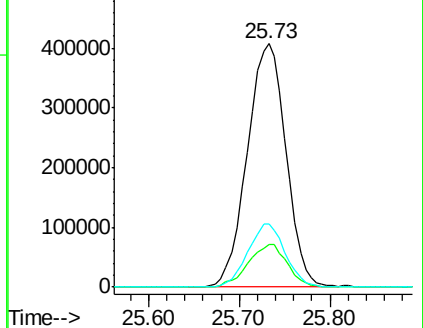
277 26.1 19.9 29.9

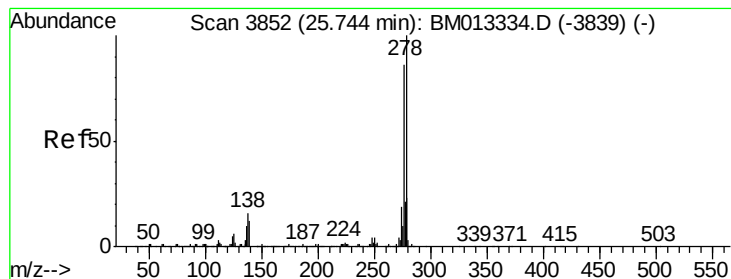


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 20.977 ng/ul

RT: 25.74 min Scan# 3852

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

Instrument :

BNA_M

ClientSampleId :

SSTD02030

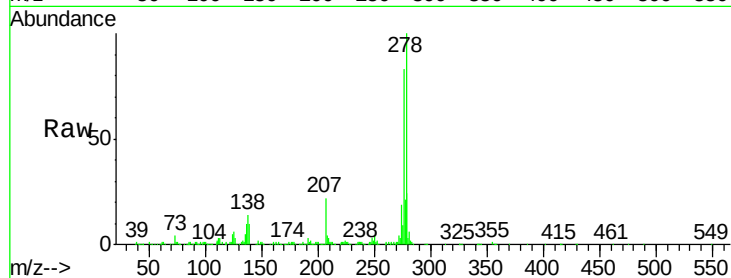
Tot Ion:278 Resp: 1045662

Ion Ratio Lower Upper

278 100

139 10.2 5.8 8.8#

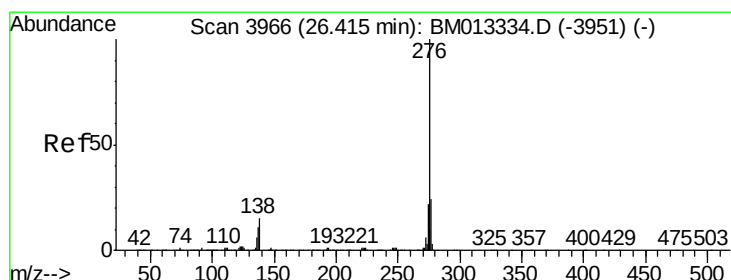
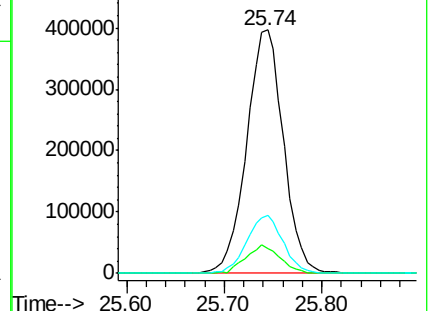
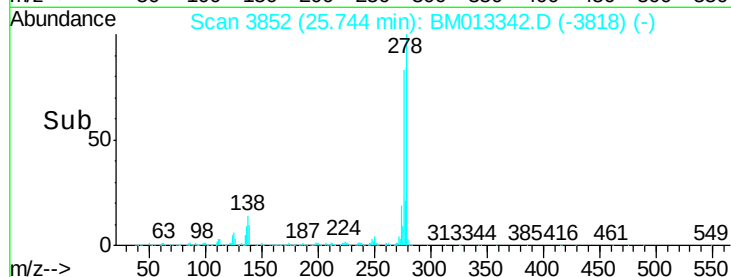
279 23.7 18.6 27.8



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: 21.072 ng/ul

RT: 26.41 min Scan# 3966

Delta R.T. -0.00 min

Lab File: BM013342.D

Acq: 12 Dec 2017 16:57

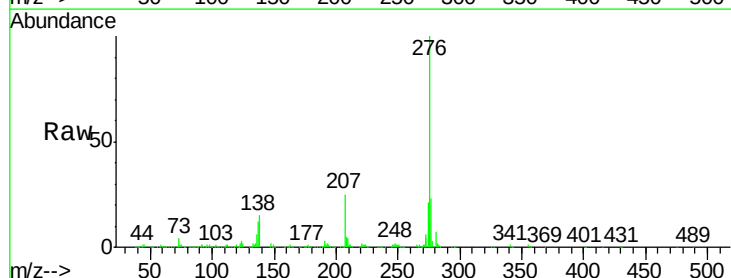
Tgt Ion:276 Resp: 973007

Ion Ratio Lower Upper

276 100

138 14.9 8.5 12.7#

277 23.4 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

