

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
 Data File : BM014052.D
 Acq On : 01 Feb 2018 01:52
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02021

Quant Time: Feb 01 03:01:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 01 01:00:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	94196	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	386962	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	267416	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	642962	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	713626	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	672682	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	13779	6.71	ng/uL	0.00
5) Phenol-d5	6.75	99	125555	17.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	80694	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	109589	19.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	111459	18.80	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	56050	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	60558	19.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	127133	19.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	98926	17.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	428051	19.29	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	528614	19.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	52191	17.07	ng/ul	0.00
57) Fluorene-d10	15.22	176	381961	19.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	72626	18.39	ng/ul	0.00
70) Anthracene-d10	17.07	188	605740	19.40	ng/ul	0.00
76) Pyrene-d10	19.37	212	681876	19.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	652618	19.77	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.15	88	15171	6.730	ng/uL# 67
4) Benzaldehyde	6.72	77	54704	16.109	ng/ul 94
6) Phenol	6.77	94	132967	18.773	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.00	93	102355	18.588	ng/ul 97
10) 2-Chlorophenol	7.13	128	107447	18.993	ng/ul 97
11) 2-Methylphenol	8.01	108	101356	18.582	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.09	45	106282	19.216	ng/ul# 88
14) Acetophenone	8.39	105	181219	18.108	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.37	70	99425	19.424	ng/ul# 76
16) 4-Methylphenol	8.34	108	108965	18.696	ng/ul 90
17) Hexachloroethane	8.62	117	54334	18.414	ng/ul 97
20) Nitrobenzene	8.76	77	149996	19.108	ng/ul 98
21) Isophorone	9.28	82	261204	19.766	ng/ul 97
23) 2-Nitrophenol	9.46	139	65489	20.605	ng/ul 99
24) 2,4-Dimethylphenol	9.53	107	142695	19.909	ng/ul 94
25) Bis(2-Chloroethoxy)methane	9.76	93	143142	19.665	ng/ul# 90
27) 2,4-Dichlorophenol	10.00	162	119072	19.704	ng/ul 97
28) Naphthalene	10.38	128	382183	19.618	ng/ul 97
30) 4-Chloroaniline	10.52	127	105187	18.620	ng/ul 89
31) Hexachlorobutadiene	10.66	225	108192	19.858	ng/ul 92
32) Caprolactam	11.29	113	16682	10.054	ng/ul# 39
33) 4-Chloro-3-methylphenol	11.65	107	122201	19.304	ng/ul 99
34) 2-Methylnaphthalene	12.00	142	291526	19.821	ng/ul 97

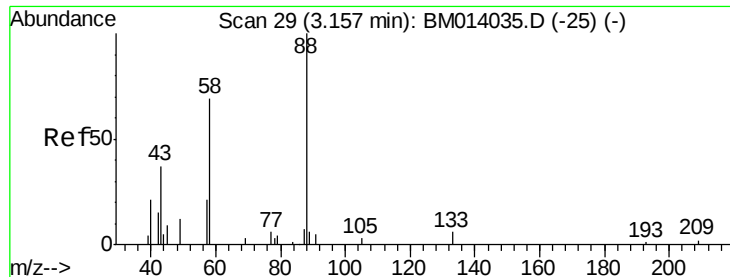
Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	187877	19.241	ng/ul	94
37) Hexachlorocyclopentadiene	12.35	237	83865	15.772	ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	112023	19.725	ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	108385	18.552	ng/ul	96
40) 1,1'-Biphenyl	13.04	154	406431	19.566	ng/ul	97
41) 2-Chloronaphthalene	13.08	162	331205	19.736	ng/ul	100
42) 2-Nitroaniline	13.30	65	92669	19.438	ng/ul	98
44) Dimethylphthalate	13.68	163	416619	19.473	ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	81581	19.632	ng/ul#	97
47) Acenaphthylene	13.93	152	497322	19.895	ng/ul	98
48) 3-Nitroaniline	14.15	138	56609	18.128	ng/ul#	92
49) Acenaphthene	14.28	153	342681	19.552	ng/ul	96
50) 2,4-Dinitrophenol	14.37	184	32724	14.680	ng/ul#	88
52) 4-Nitrophenol	14.47	109	60759	16.484	ng/ul#	67
53) Dibenzofuran	14.62	168	520825	19.514	ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	122999	19.562	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	14.86	232	118233	20.076	ng/ul	96
56) Diethylphthalate	15.06	149	433850	19.331	ng/ul	94
58) Fluorene	15.27	166	430513	19.343	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.27	204	251547	19.738	ng/ul	99
60) 4-Nitroaniline	15.32	138	56902	16.214	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.38	198	69835	17.454	ng/ul#	99
64) N-Nitrosodiphenylamine	15.49	169	369690	19.929	ng/ul	97
65) 4-Bromophenyl-phenylether	16.17	248	162254	20.190	ng/ul	96
66) Hexachlorobenzene	16.27	284	167821	19.627	ng/ul#	94
67) Atrazine	16.45	200	143475	19.256	ng/ul	97
68) Pentachlorophenol	16.63	266	71941	17.088	ng/ul	97
69) Phenanthrene	17.02	178	716483	19.819	ng/ul	97
71) Anthracene	17.10	178	715250	19.528	ng/ul	99
72) Carbazole	17.39	167	562486	18.830	ng/ul	98
73) Di-n-butylphthalate	17.95	149	732015	19.534	ng/ul	99
74) Fluoranthene	19.04	202	843714	18.759	ng/ul#	95
77) Pyrene	19.40	202	875134	20.551	ng/ul#	95
78) Butylbenzylphthalate	20.32	149	331078	19.722	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.10	252	219868	19.771	ng/ul	98
80) Benzo(a)anthracene	21.16	228	879593	19.787	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.10	149	485764	19.847	ng/ul#	98
82) Chrysene	21.22	228	823183	19.700	ng/ul	99
84) Di-n-octyl phthalate	21.96	149	803451	18.763	ng/ul	99
85) Benzo(b)fluoranthene	22.71	252	810364	19.090	ng/ul	100
86) Benzo(k)fluoranthene	22.71	252	810364	19.419	ng/ul	98
88) Benzo(a)pyrene	23.26	252	790055	19.750	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.53	276	872573	19.905	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.54	278	735396	19.783	ng/ul#	97
91) Benzo(g,h,i)perylene	26.20	276	711165	19.623	ng/ul	99

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



#2

1,4-Dioxane

Concen: 6.730 ng/uL

RT: 3.15 min Scan# 28

Delta R.T. -0.01 min

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ClientSampleId :

SSTD02021

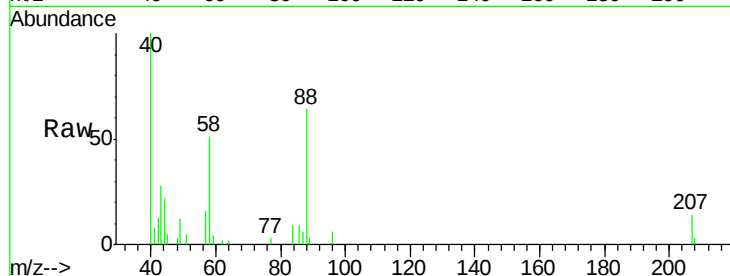
Tot Ion: 88 Resp: 15171

Ion Ratio Lower Upper

88 100

43 34.1 48.0 72.0#

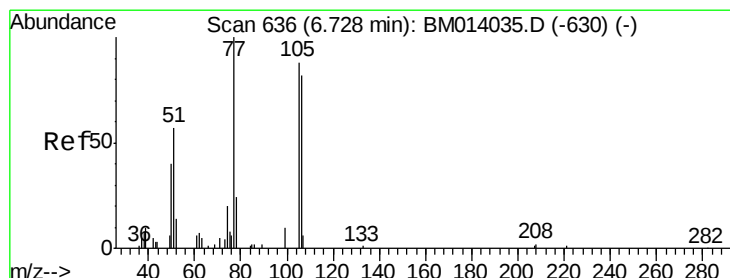
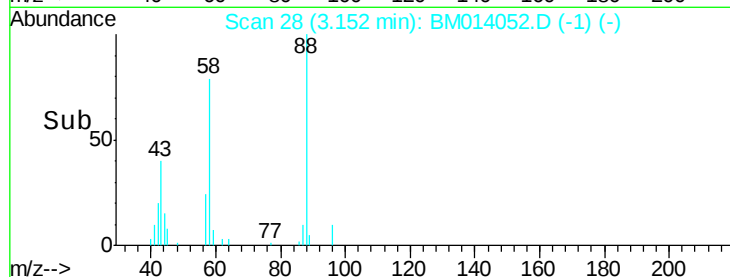
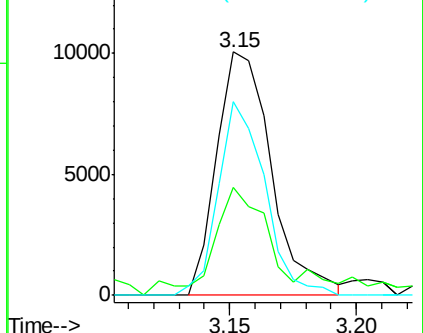
58 67.6 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014035.D (-25) (-)

Ion 43.00 (42.70 to 43.70): BM014035.D (-25) (-)

Ion 58.00 (57.70 to 58.70): BM014035.D (-25) (-)



#4

Benzaldehyde

Concen: 16.109 ng/uL

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

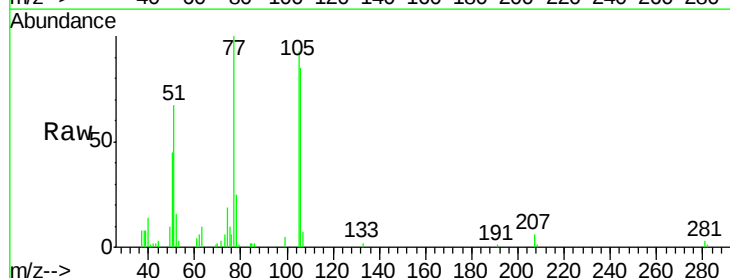
Tgt Ion: 77 Resp: 54704

Ion Ratio Lower Upper

77 100

105 93.5 66.1 99.1

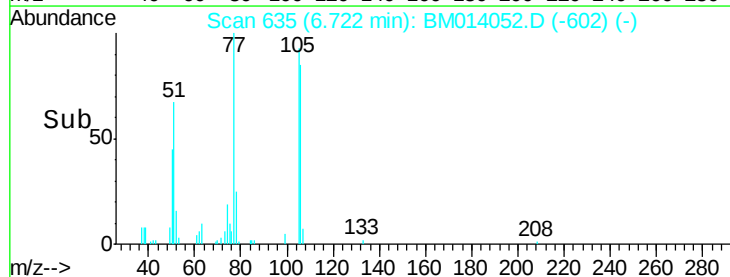
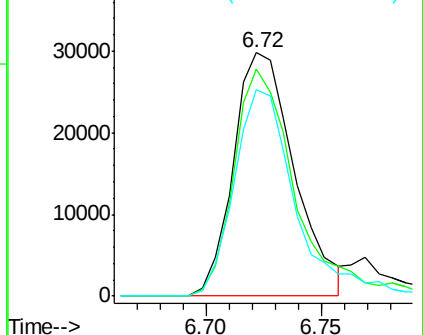
106 84.7 67.8 101.6

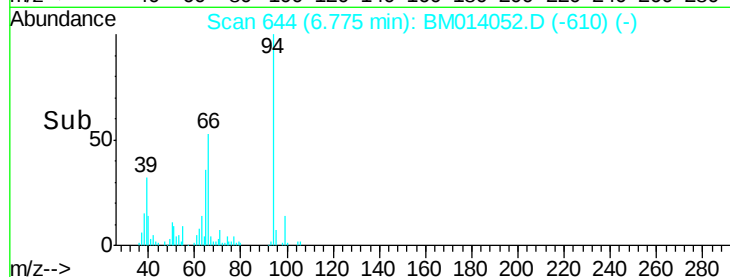
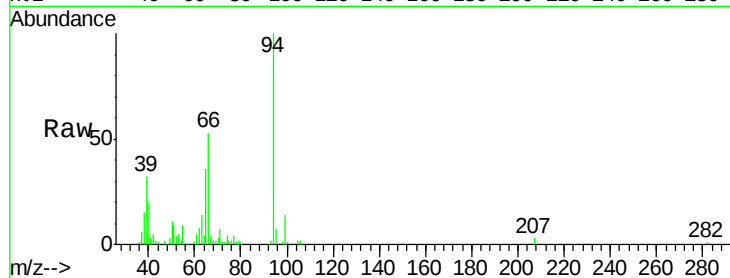
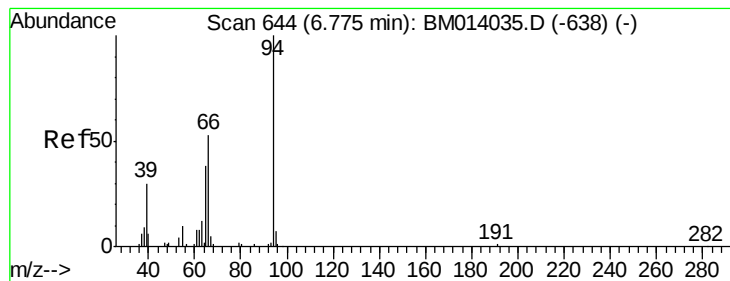


Abundance Ion 77.00 (76.70 to 77.70): BM014035.D (-630) (-)

Ion 105.00 (104.70 to 105.70): BM014035.D (-630) (-)

Ion 106.00 (105.70 to 106.70): BM014035.D (-630) (-)





#6

Phenol

Concen: 18.773 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampled :

SSTD02021

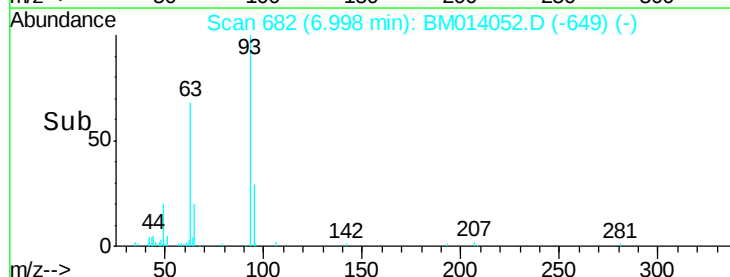
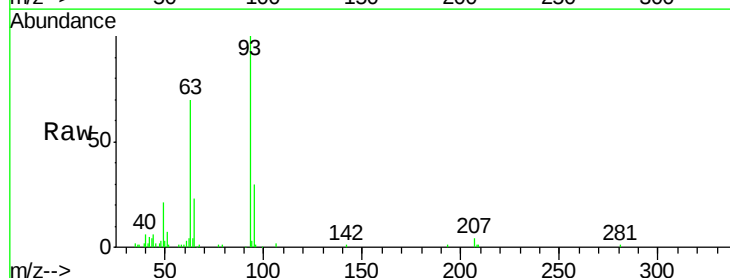
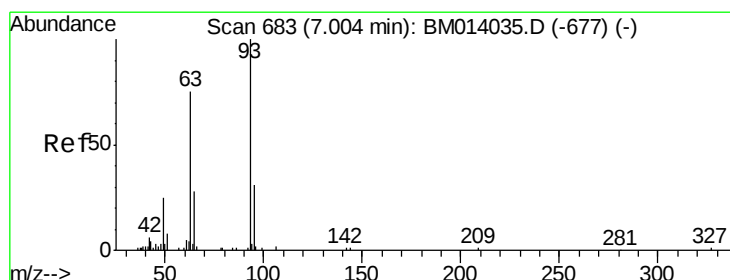
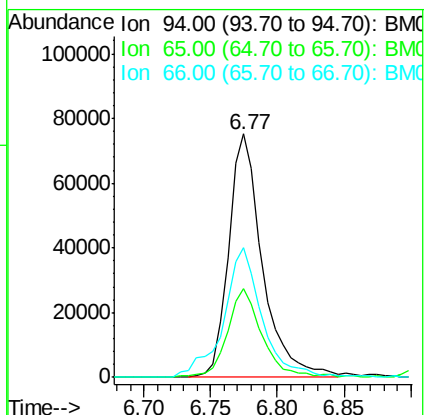
Tot Ion: 94 Resp: 132967

Ion Ratio Lower Upper

94 100

65 36.5 28.2 42.4

66 53.3 47.2 70.8



#8

Bis(2-Chloroethyl)ether

Concen: 18.588 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

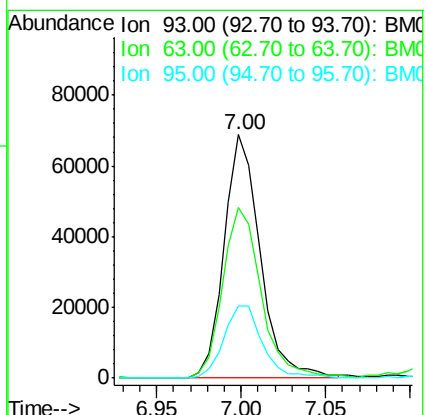
Tgt Ion: 93 Resp: 102355

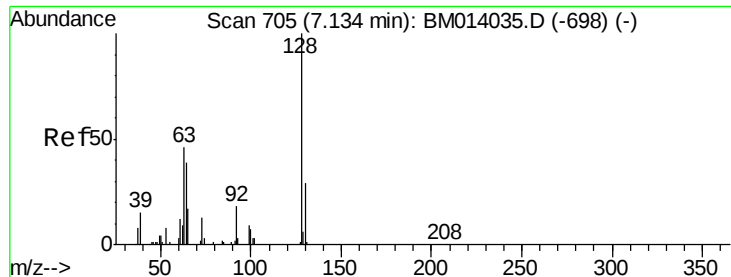
Ion Ratio Lower Upper

93 100

63 70.0 57.3 85.9

95 29.7 26.6 39.8

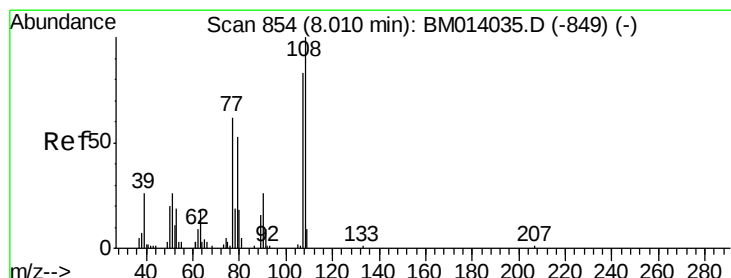
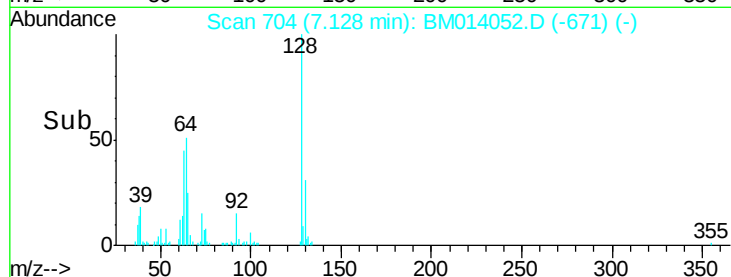
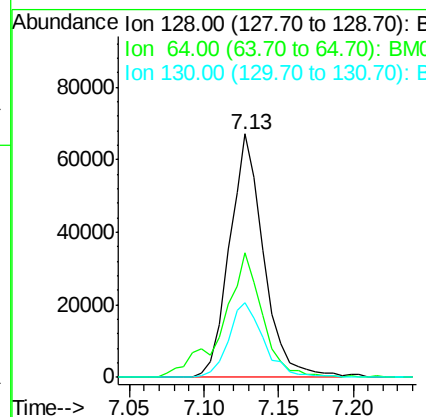
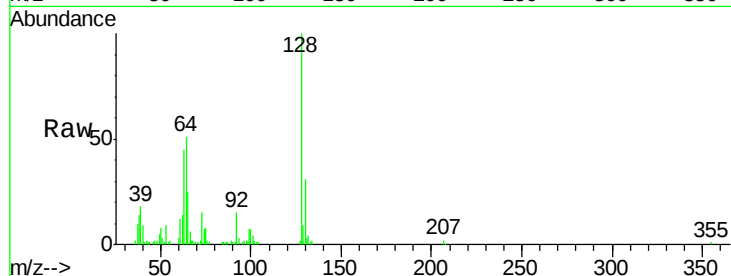




#10
2-Chlorophenol
Concen: 18.993 ng/ul
RT: 7.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

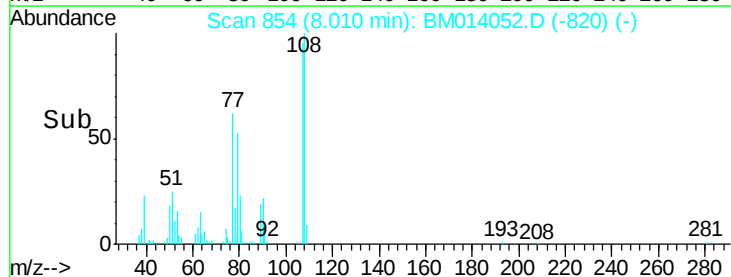
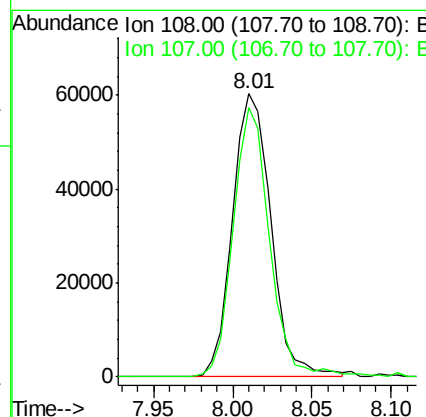
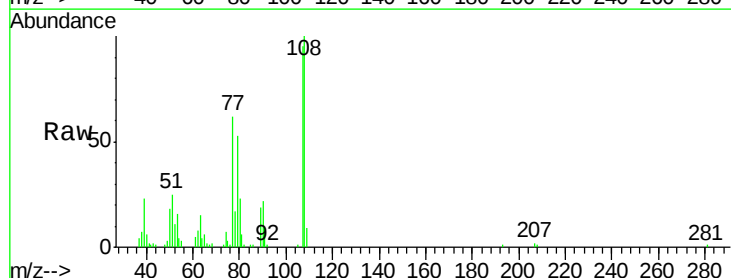
Instrument :
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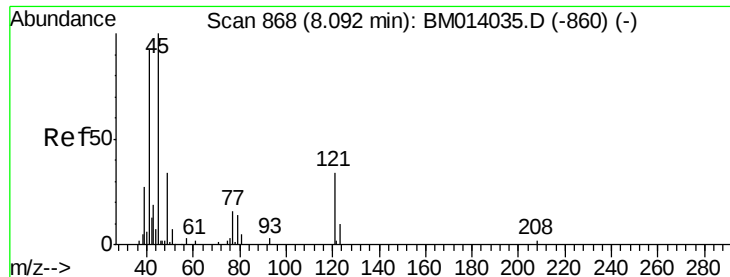
Tot Ion:128 Resp: 107447
Ion Ratio Lower Upper
128 100
64 50.9 38.0 57.0
130 30.7 24.4 36.6



#11
2-Methylphenol
Concen: 18.582 ng/ul
RT: 8.01 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

Tgt Ion:108 Resp: 101356
Ion Ratio Lower Upper
108 100
107 95.0 72.6 108.8

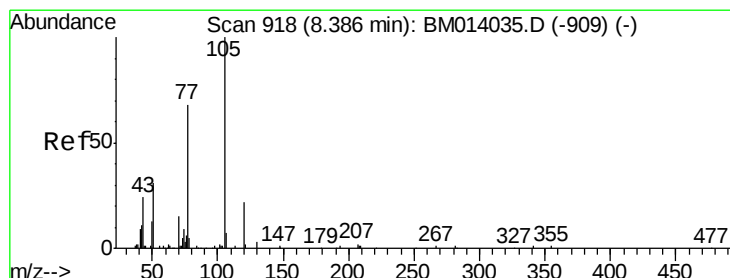
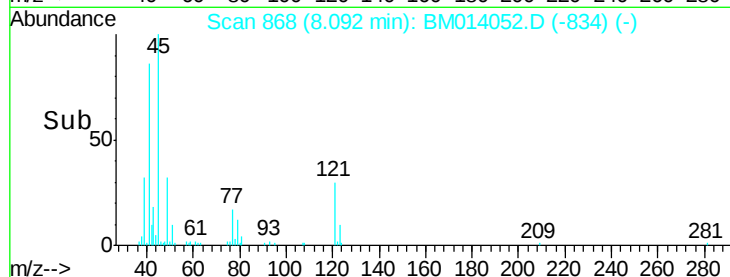
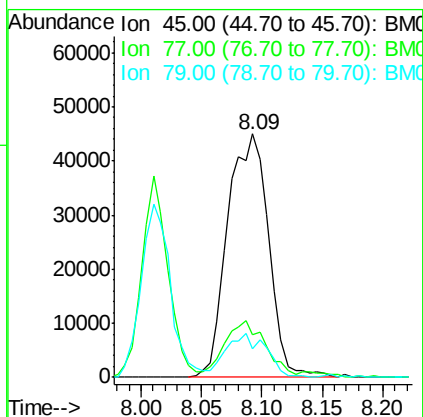
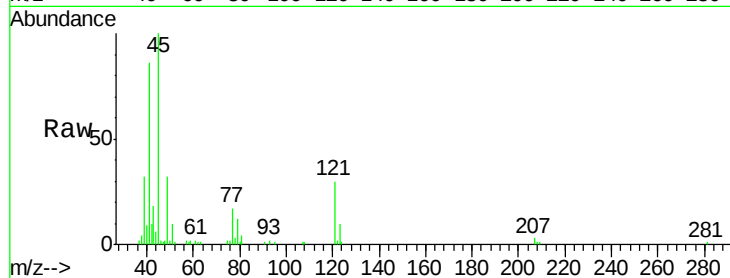




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.216 ng/ul
RT: 8.09 min Scan# 868
Delta R.T. 0.00 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

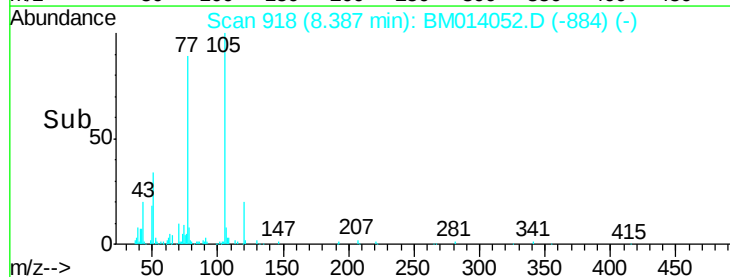
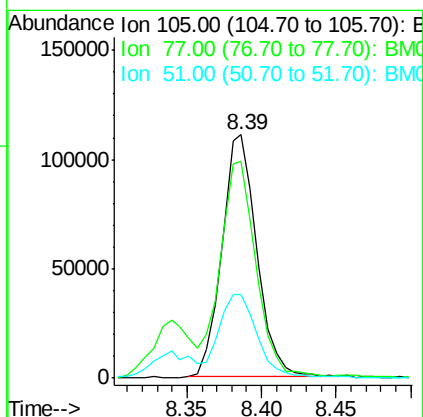
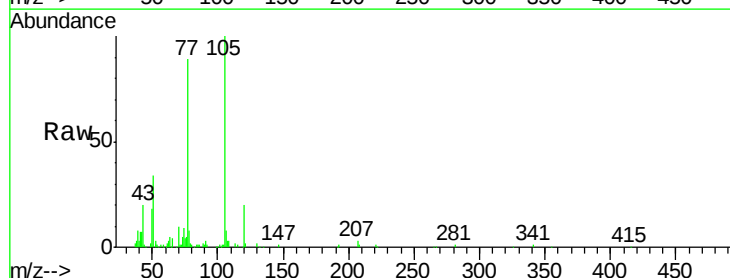
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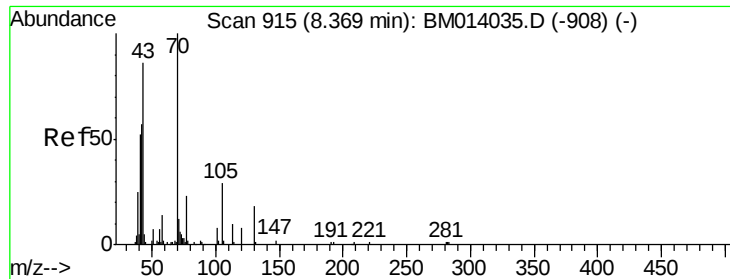
Tot Ion: 45 Resp: 106282
Ion Ratio Lower Upper
45 100
77 17.4 8.0 12.0#
79 11.8 8.0 12.0



#14
Acetophenone
Concen: 18.108 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. 0.00 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

Tgt Ion:105 Resp: 181219
Ion Ratio Lower Upper
105 100
77 88.8 74.2 111.4
51 34.4 23.4 35.2

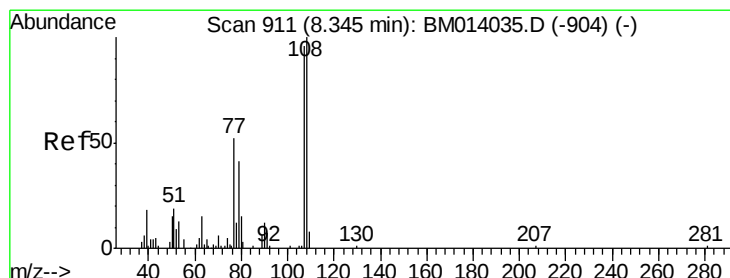
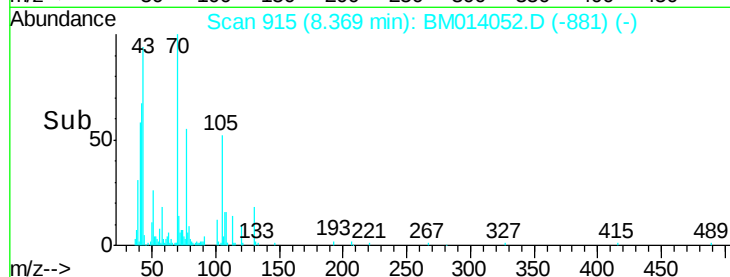
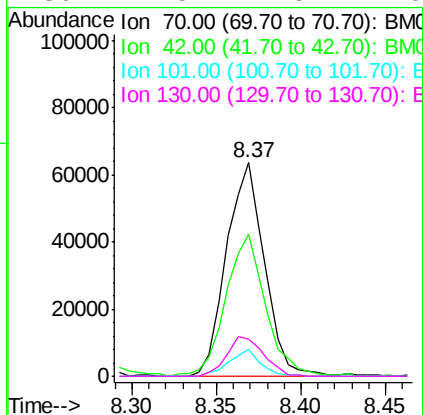
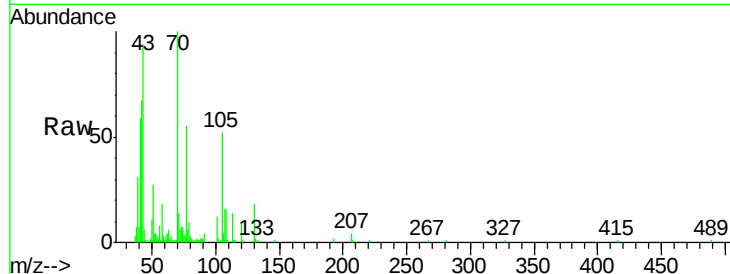




#15
N-Nitroso-di-n-propylamine
Concen: 19.424 ng/ul
RT: 8.37 min Scan# 915
Delta R.T. 0.00 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

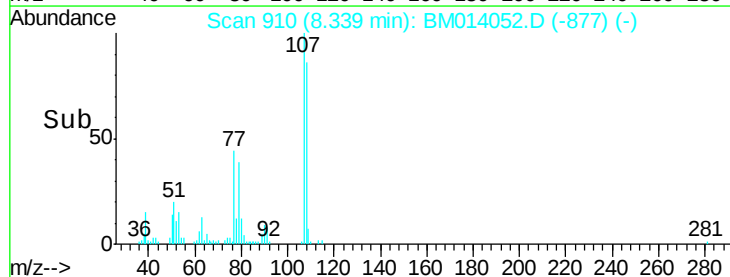
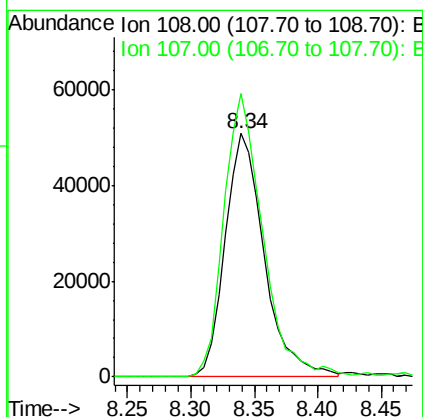
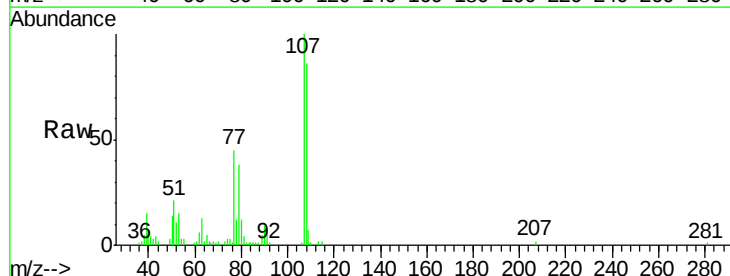
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ClientSampleId :
SSTD02021

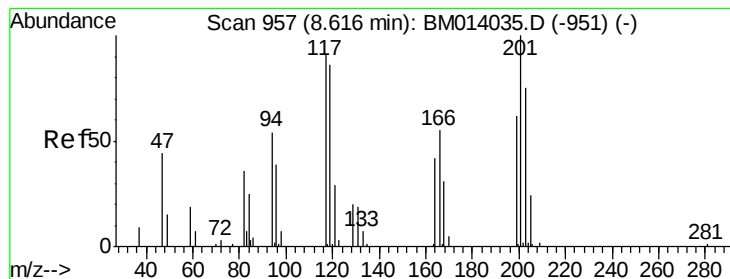
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Ion Ratio Lower Upper
70 100
42 66.8 76.0 114.0#
101 12.4 6.7 10.1#
130 17.5 14.6 22.0



#16
4-Methylphenol
Concen: 18.696 ng/ul
RT: 8.34 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

Tgt Ion: 108 Resp: 108965
Ion Ratio Lower Upper
108 100
107 116.4 84.9 127.3





#17

Hexachloroethane

Concen: 18.414 ng/ul

RT: 8.62 min Scan# 957

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

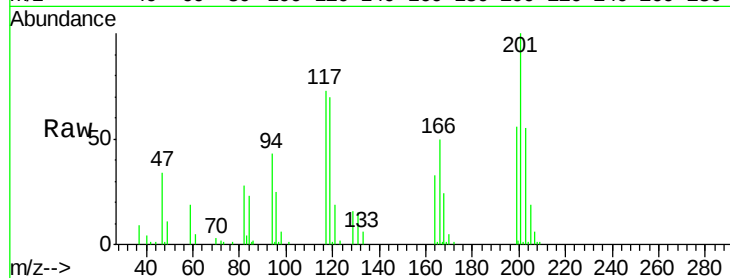
Tot Ion:117 Resp: 54334

Ion Ratio Lower Upper

117 100

201 138.3 111.6 167.4

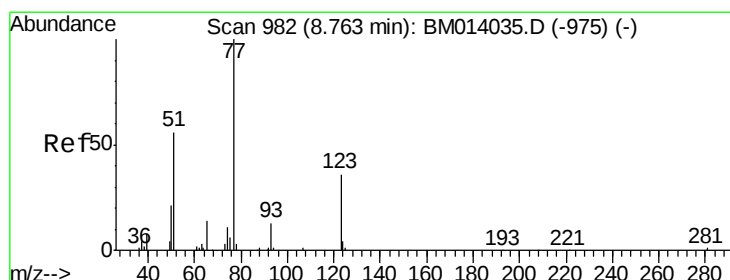
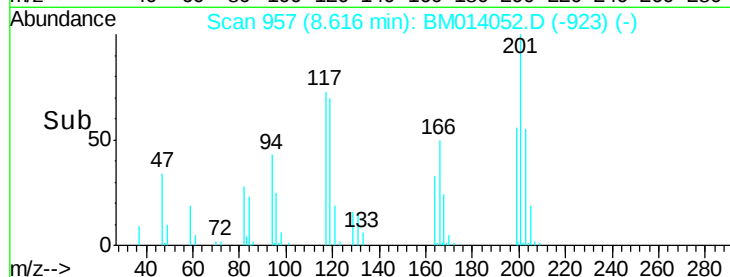
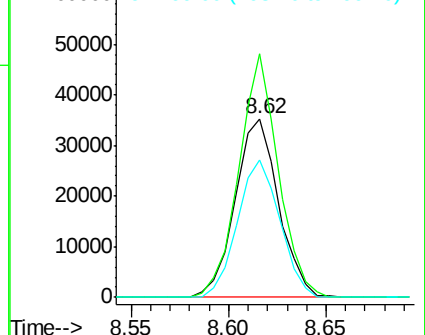
199 79.1 67.8 101.6



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: 19.108 ng/ul

RT: 8.76 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

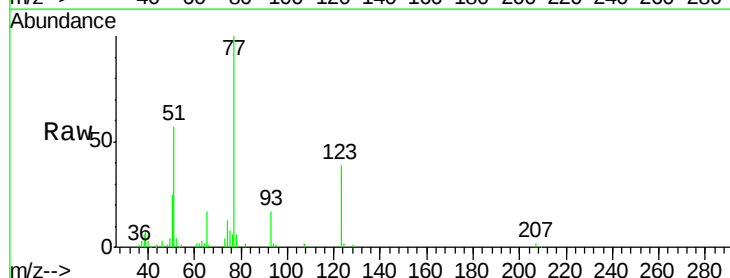
Tgt Ion: 77 Resp: 149996

Ion Ratio Lower Upper

77 100

123 39.3 31.0 46.6

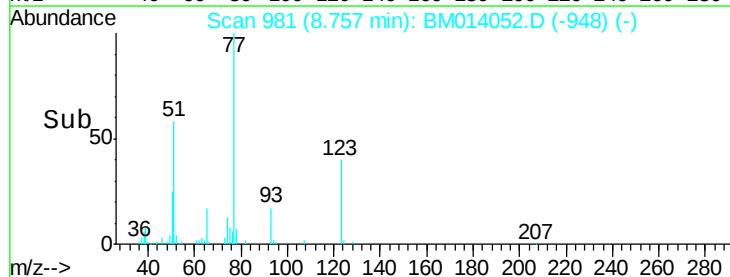
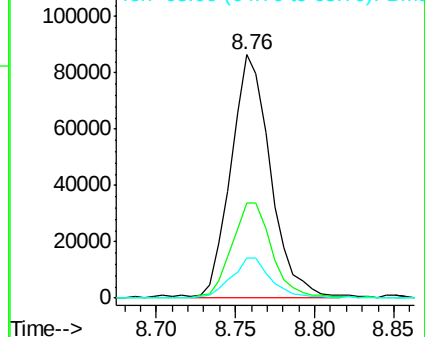
65 16.7 12.2 18.2

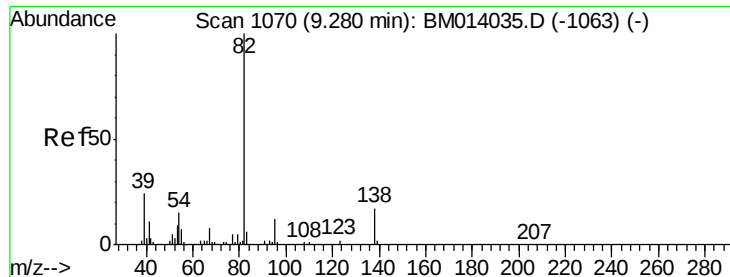


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 19.766 ng/ul

RT: 9.28 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

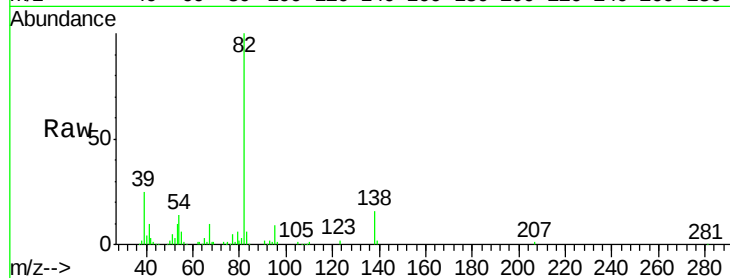
Tot Ion: 82 Resp: 261204

Ion Ratio Lower Upper

82 100

95 8.9 7.8 11.8

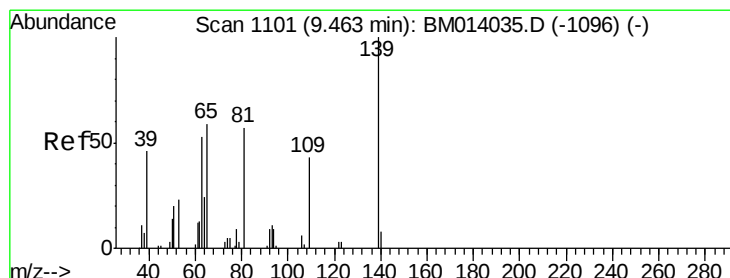
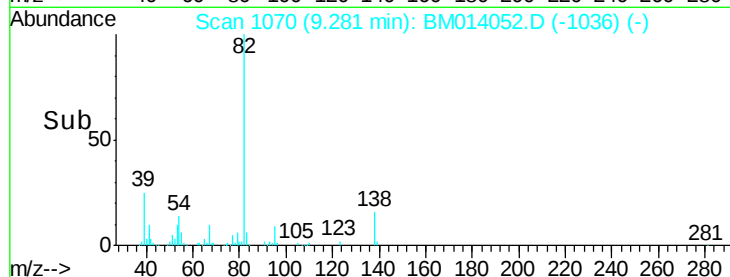
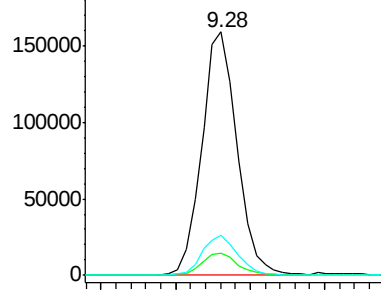
138 16.4 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM014052.D (-1036) (-)

Ion 95.00 (94.70 to 95.70): BM014052.D (-1036) (-)

Ion 138.00 (137.70 to 138.70): BM014052.D (-1036) (-)



#23

2-Nitrophenol

Concen: 20.605 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

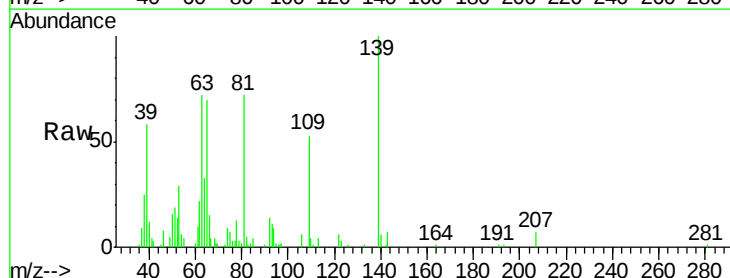
Tgt Ion: 139 Resp: 65489

Ion Ratio Lower Upper

139 100

65 69.6 55.4 83.0

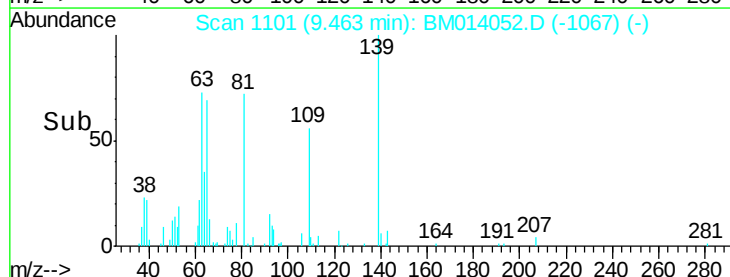
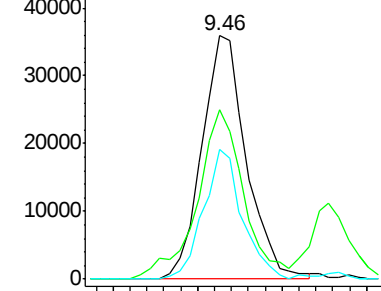
109 53.2 42.2 63.2

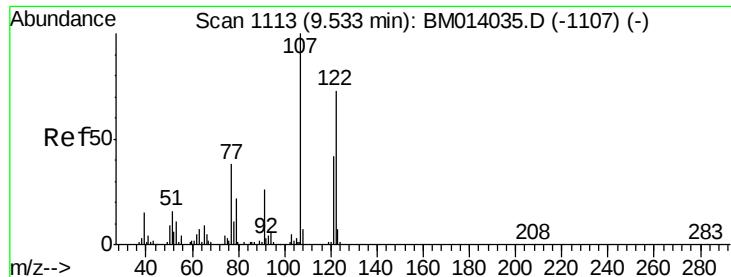


Abundance Ion 139.00 (138.70 to 139.70): BM014052.D (-1067) (-)

Ion 65.00 (64.70 to 65.70): BM014052.D (-1067) (-)

Ion 109.00 (108.70 to 109.70): BM014052.D (-1067) (-)

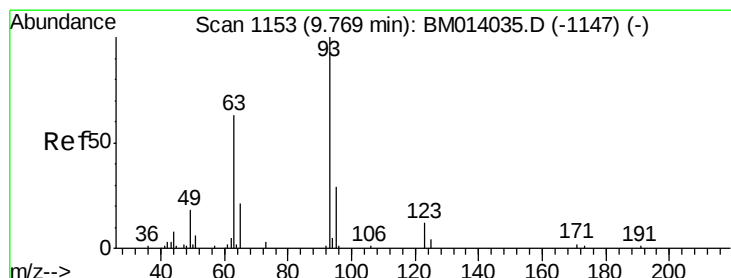
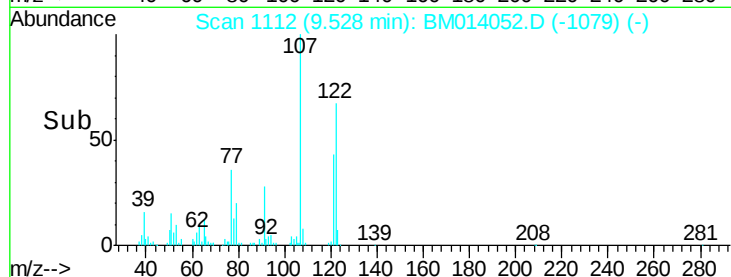
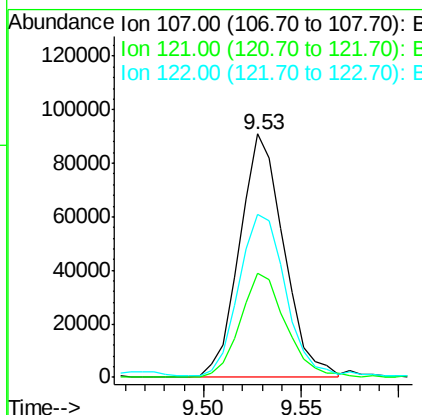
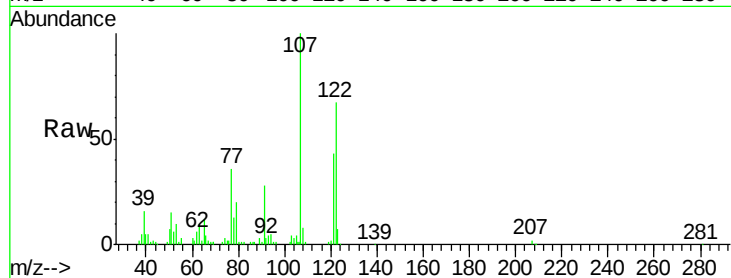




#24
 2,4-Dimethylphenol
 Concen: 19.909 ng/ul
 RT: 9.53 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BM014052.D
 Acq: 01 Feb 2018 01:52

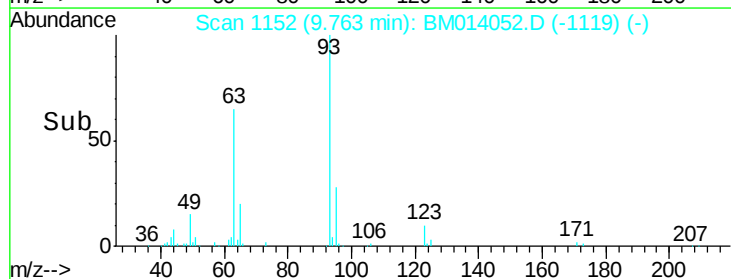
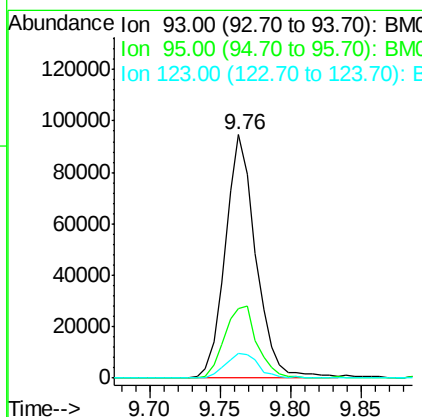
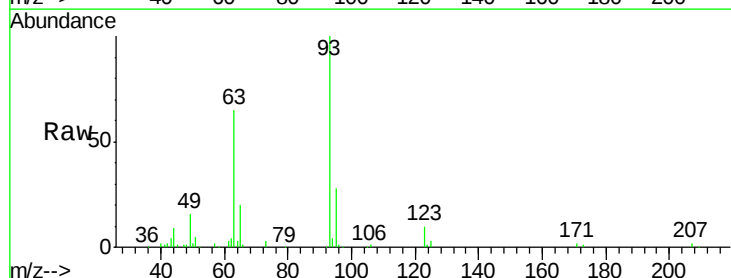
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02021

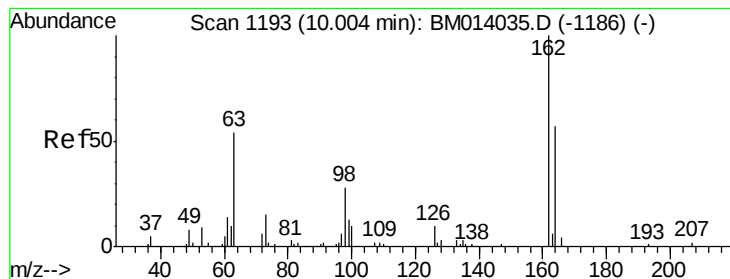
Tot Ion	Ratio	Lower	Upper
107	100		
121	42.9	31.9	47.9
122	66.9	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.665 ng/ul
 RT: 9.76 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BM014052.D
 Acq: 01 Feb 2018 01:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.3	28.5	42.7#
123	10.2	8.9	13.3





#27

2,4-Dichlorophenol

Concen: 19.704 ng/ul

RT: 10.00 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

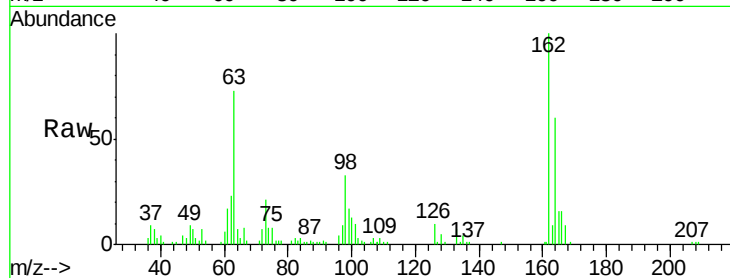
Tot Ion:162 Resp: 119072

Ion Ratio Lower Upper

162 100

164 59.9 47.8 71.6

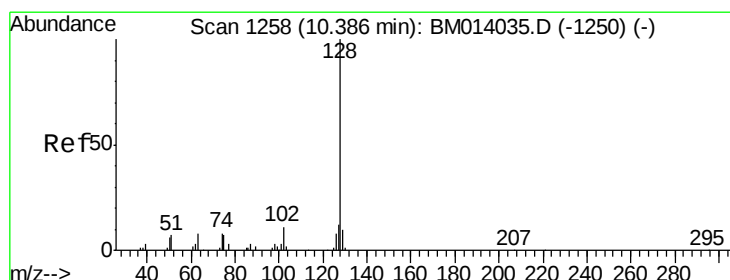
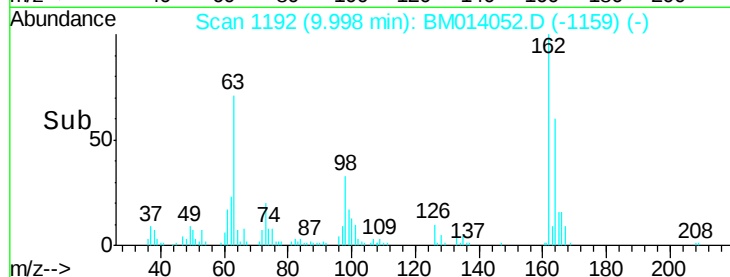
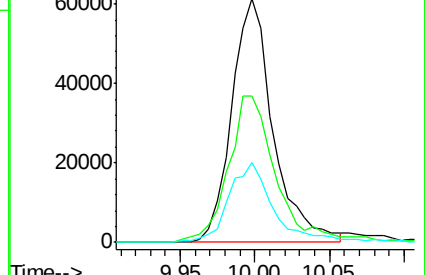
98 33.0 23.0 34.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 19.618 ng/ul

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

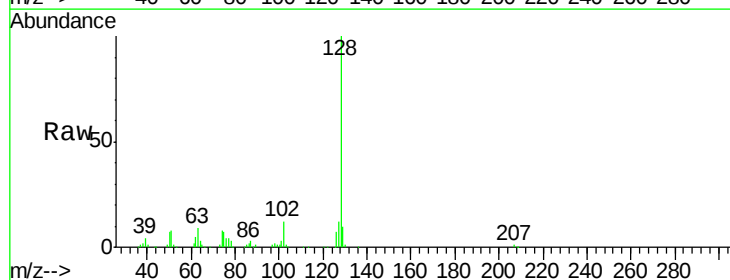
Tgt Ion:128 Resp: 382183

Ion Ratio Lower Upper

128 100

129 9.6 8.8 13.2

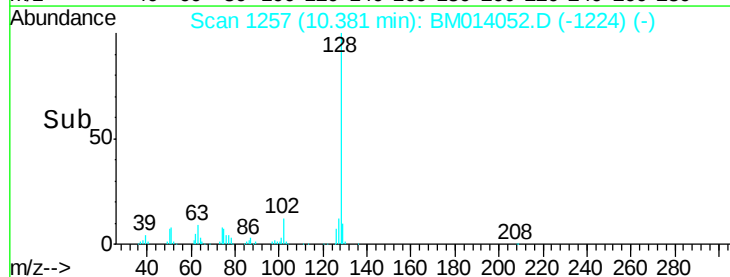
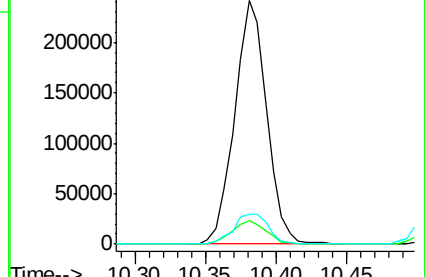
127 12.1 10.6 16.0

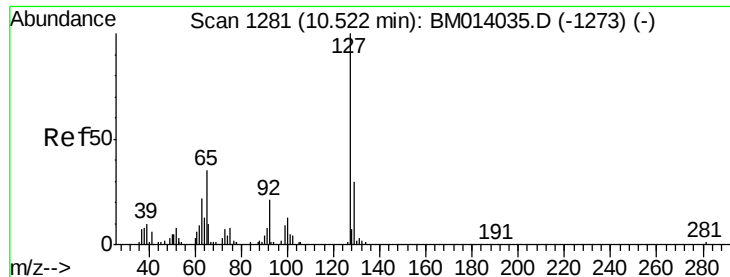


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

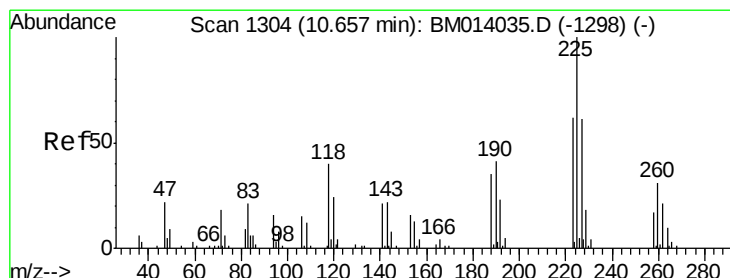
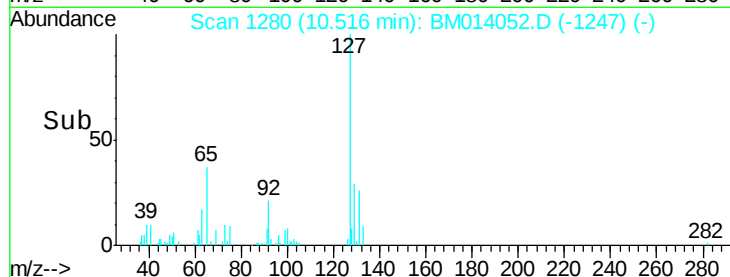
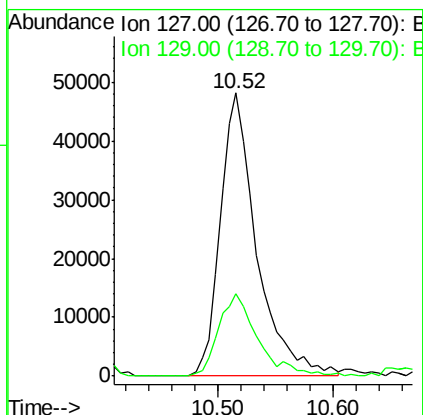
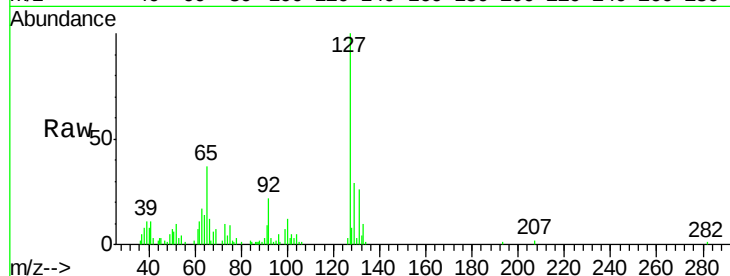




#30
4-Chloroaniline
Concen: 18.620 ng/ul
RT: 10.52 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

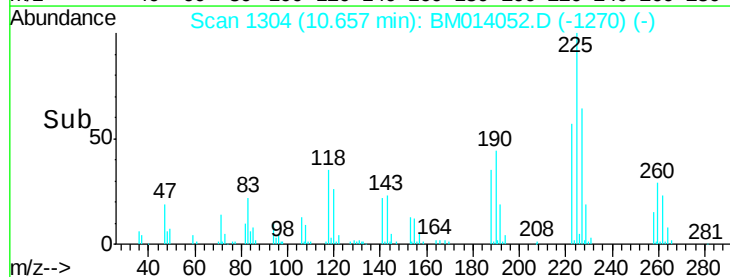
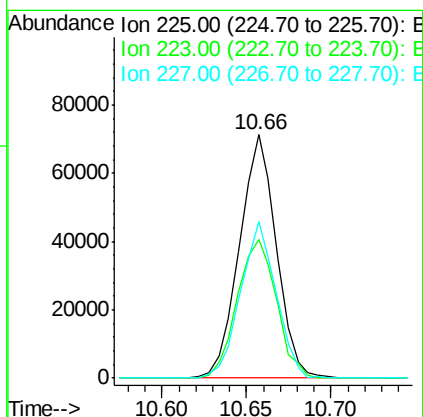
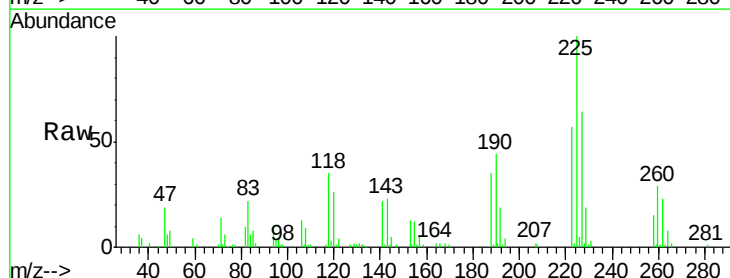
Instrument :
BNA_M
ClientSampleId :
SSTD02021

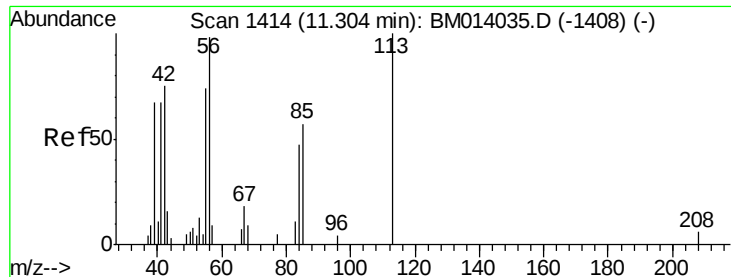
Tot Ion:127 Resp: 105187
Ion Ratio Lower Upper
127 100
129 29.2 28.4 42.6



#31
Hexachlorobutadiene
Concen: 19.858 ng/ul
RT: 10.66 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

Tgt Ion:225 Resp: 108192
Ion Ratio Lower Upper
225 100
223 56.7 49.4 74.2
227 64.4 45.4 68.2





#32

Caprolactam

Concen: 10.054 ng/ul

RT: 11.29 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

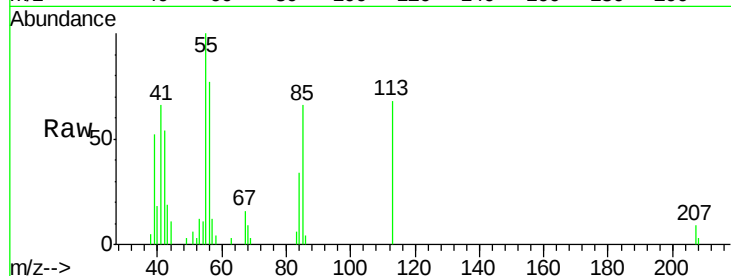
Tot Ion:113 Resp: 16682

Ion Ratio Lower Upper

113 100

55 147.0 208.0 312.0#

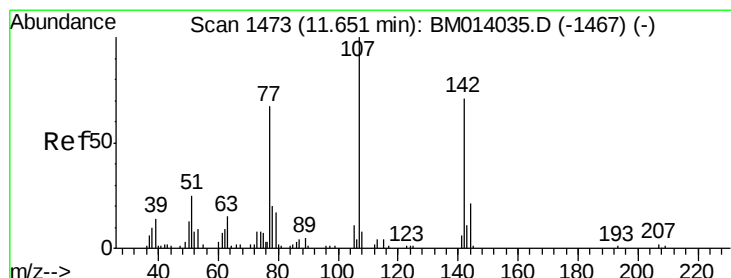
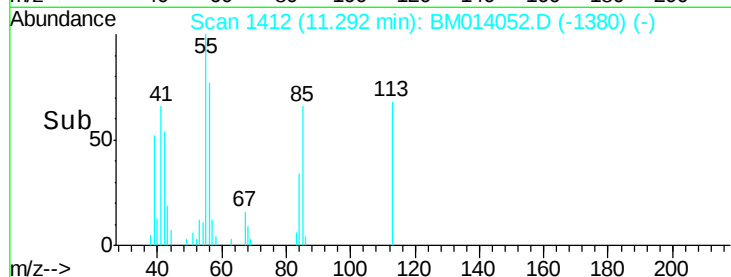
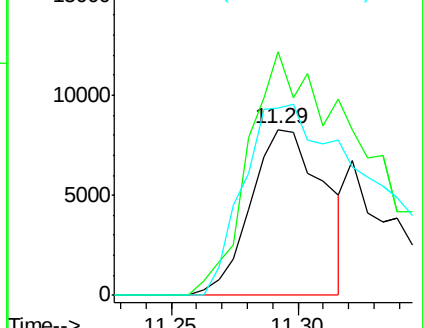
56 113.0 160.0 240.0#



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: 19.304 ng/ul

RT: 11.65 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

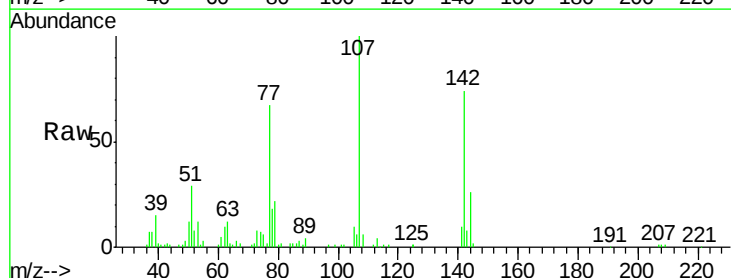
Tgt Ion:107 Resp: 122201

Ion Ratio Lower Upper

107 100

144 26.1 20.4 30.6

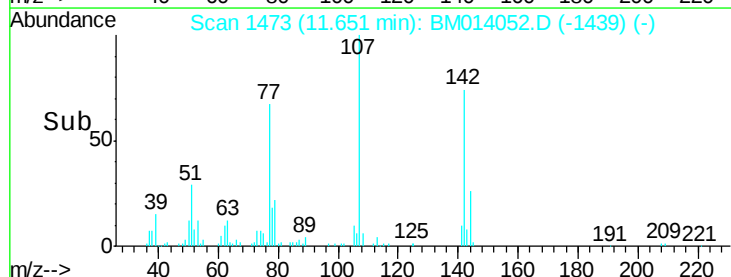
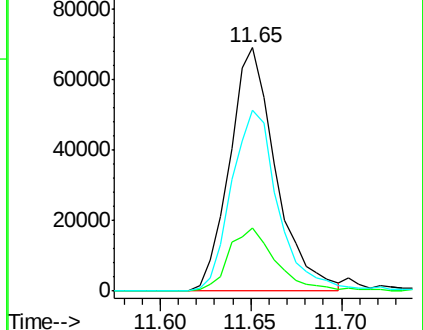
142 74.3 60.5 90.7

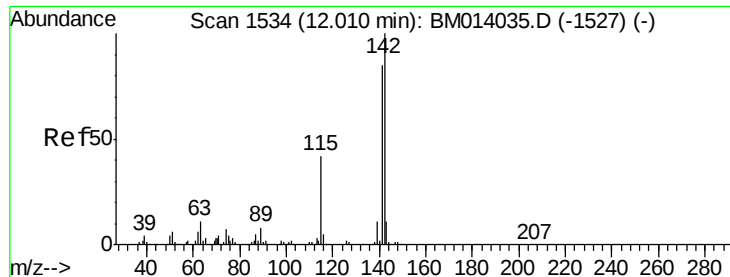


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

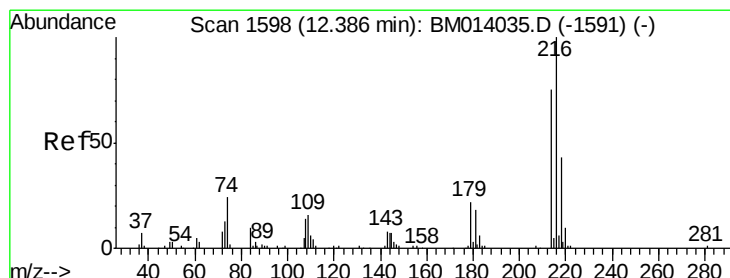
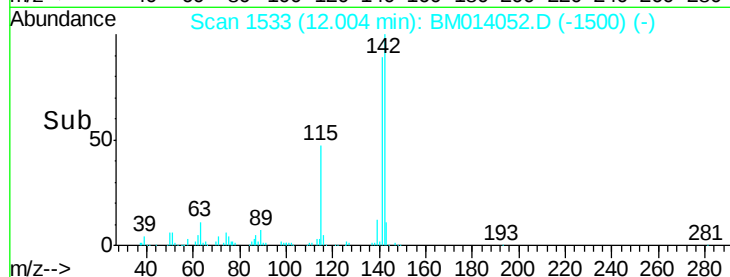
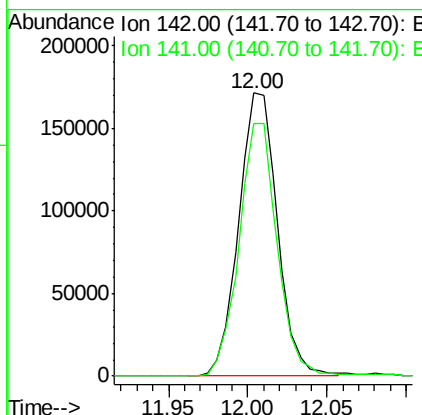
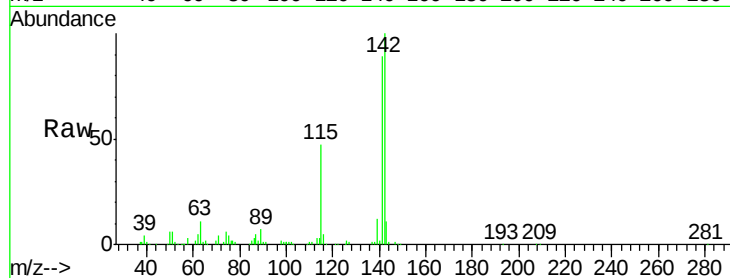




#34
2-Methylnaphthalene
Concen: 19.821 ng/ul
RT: 12.00 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

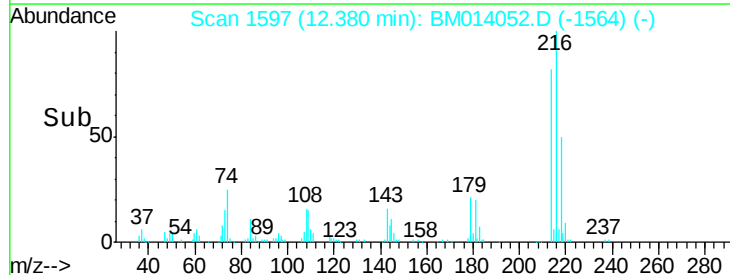
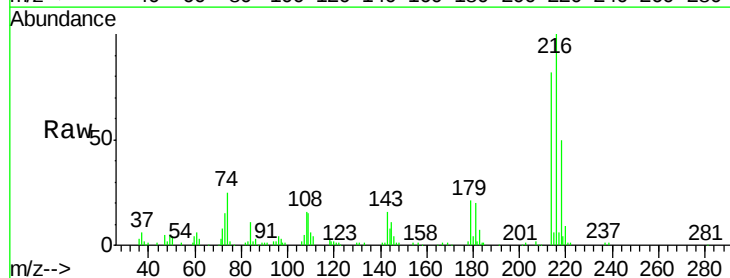
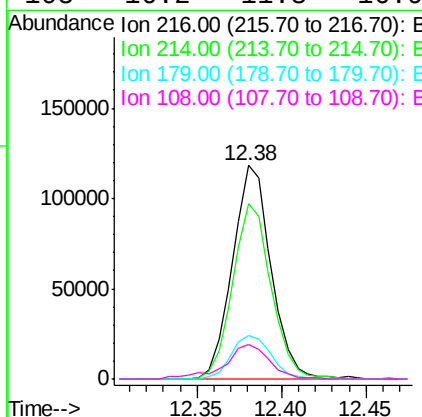
Instrument :
BNA_M
ClientSampleId :
SSTD02021

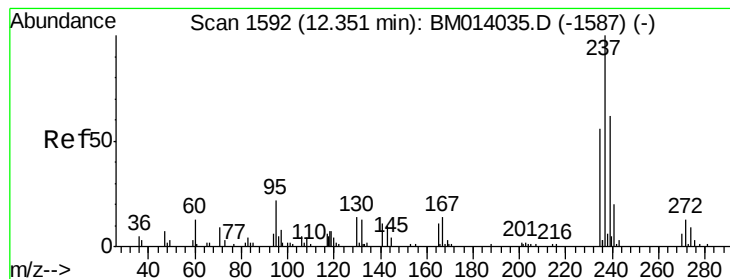
Tot Ion:142 Resp: 291526
Ion Ratio Lower Upper
142 100
141 89.5 74.1 111.1



#36
1,2,4,5-Tetrachlorobenzene
Concen: 19.241 ng/ul
RT: 12.38 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

Tgt Ion:216 Resp: 187877
Ion Ratio Lower Upper
216 100
214 82.3 60.6 90.8
179 20.7 17.5 26.3
108 16.2 11.3 16.9





#37

Hexachlorocyclopentadiene

Concen: 15.772 ng/ul

RT: 12.35 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

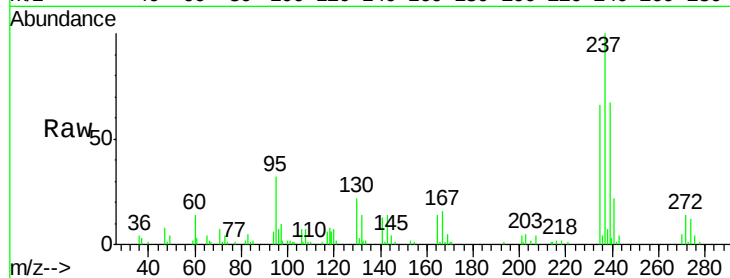
Tot Ion:237 Resp: 83865

Ion Ratio Lower Upper

237 100

235 66.3 50.2 75.4

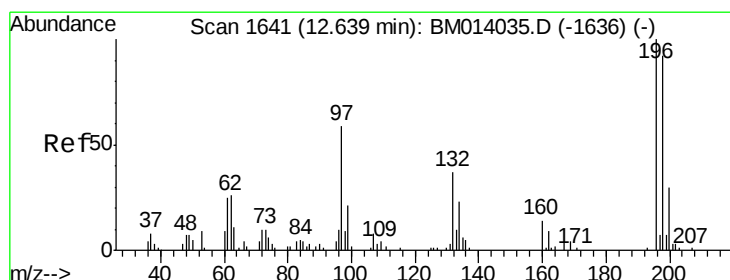
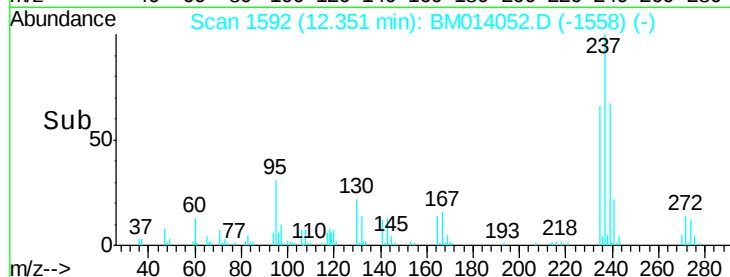
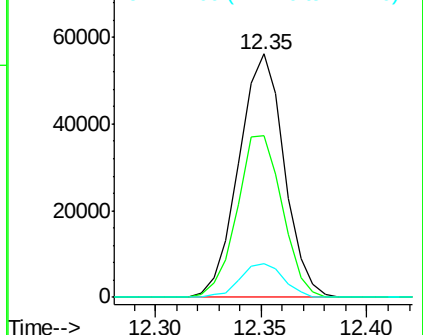
272 13.9 11.0 16.6



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: 19.725 ng/ul

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

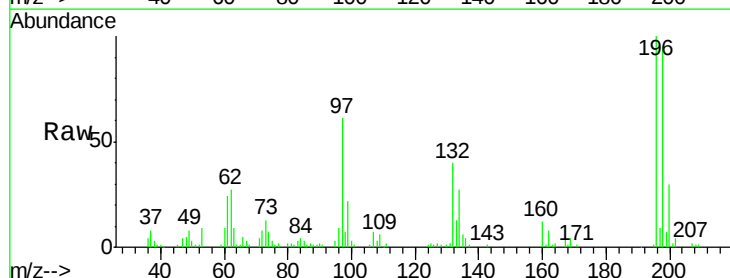
Tgt Ion:196 Resp: 112023

Ion Ratio Lower Upper

196 100

198 94.9 74.1 111.1

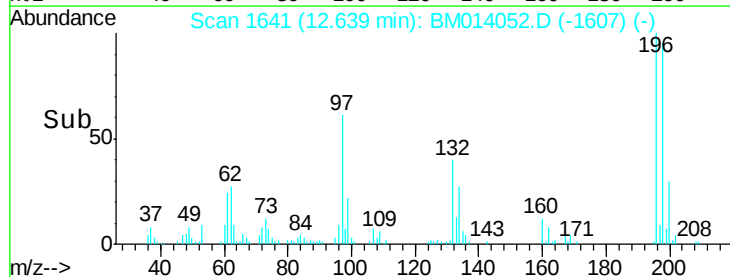
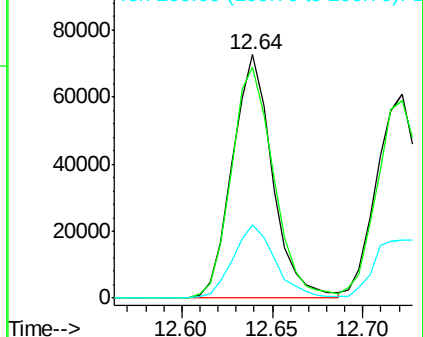
200 30.3 25.2 37.8

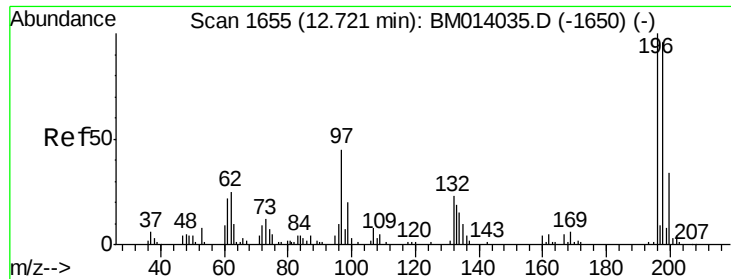


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

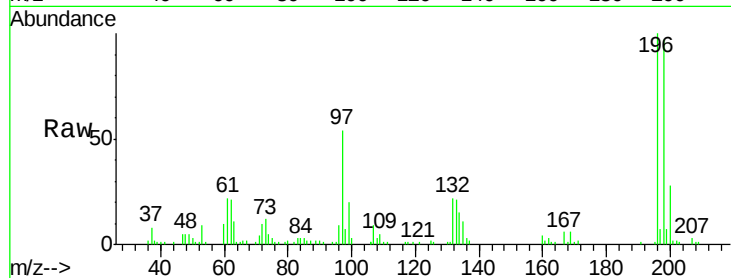




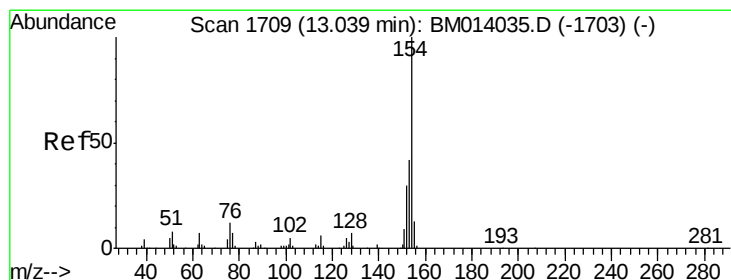
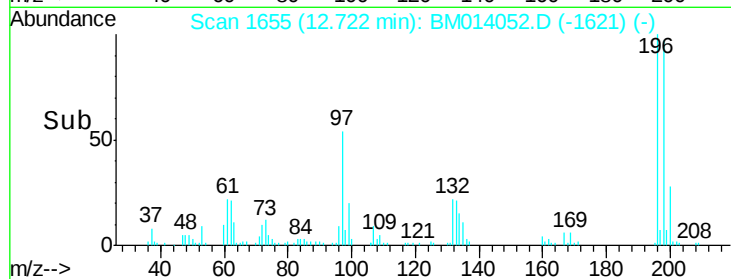
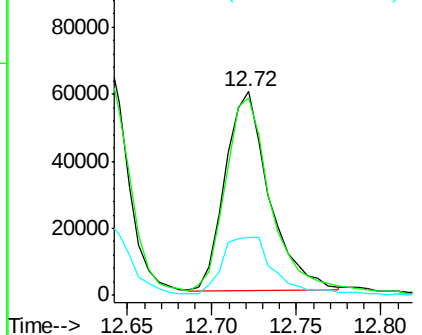
#39
 2,4,5-Trichlorophenol
 Concen: 18.552 ng/ul
 RT: 12.72 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BM014052.D
 Acq: 01 Feb 2018 01:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02021

Tot Ion	196	Resp	108385
Ion Ratio	Lower	Upper	
196	100		
198	97.2	75.6	113.4
200	28.4	25.5	38.3

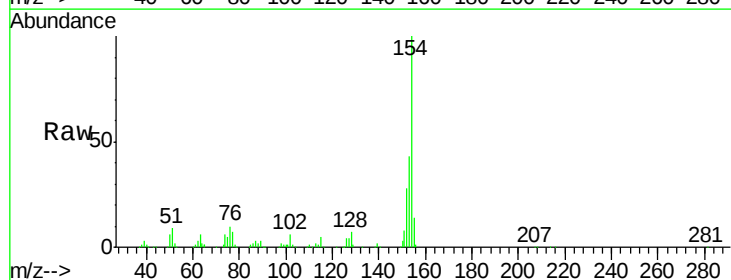


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

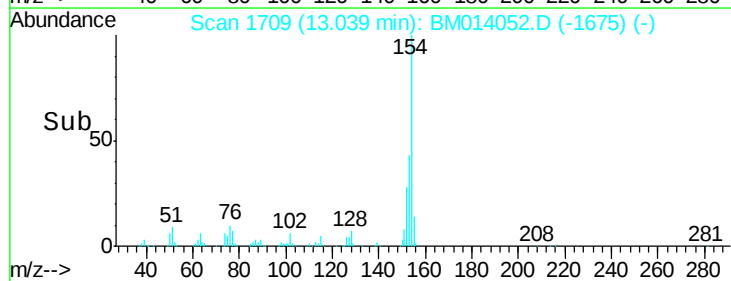
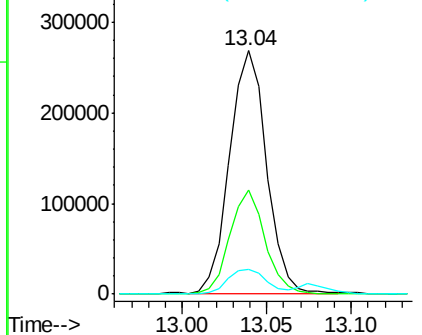


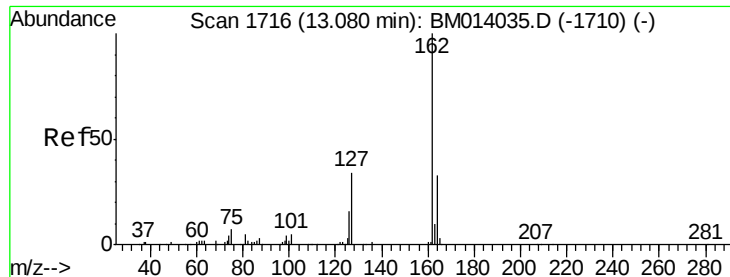
#40
 1,1'-Biphenyl
 Concen: 19.566 ng/ul
 RT: 13.04 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BM014052.D
 Acq: 01 Feb 2018 01:52

Tgt Ion	154	Resp	406431
Ion Ratio	Lower	Upper	
154	100		
153	42.5	32.6	48.8
76	9.9	8.5	12.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

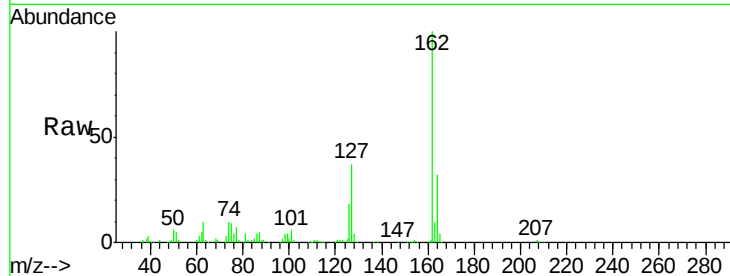




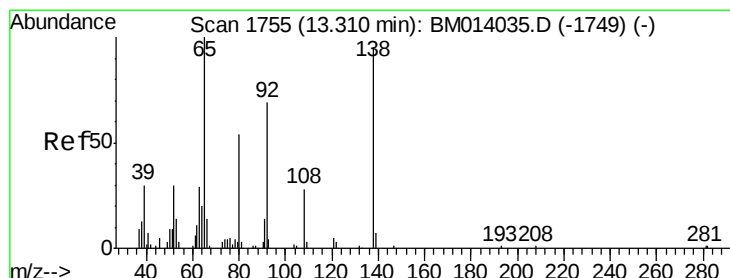
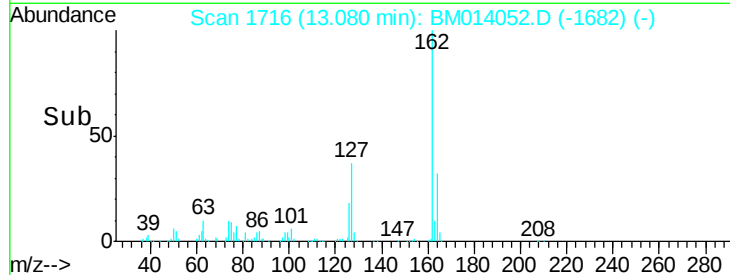
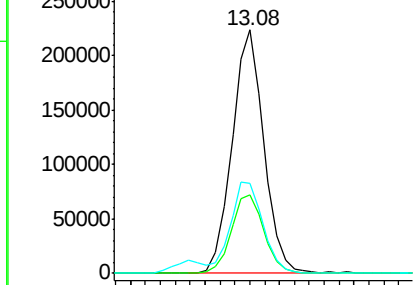
#41
2-Chloronaphthalene
Concen: 19.736 ng/ul
RT: 13.08 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

Instrument :
BNA_M
ClientSampleId :
SSTD02021

Tot Ion	Ratio	Lower	Upper
162	100		
164	32.3	25.9	38.9
127	37.2	29.4	44.2

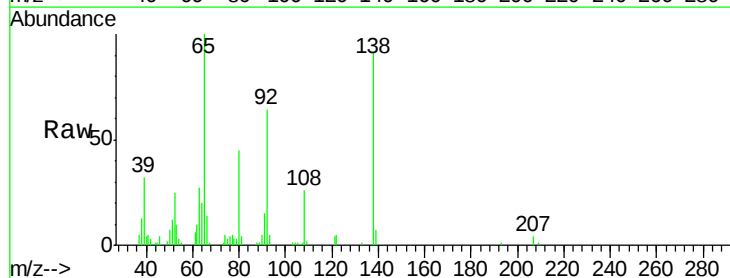


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

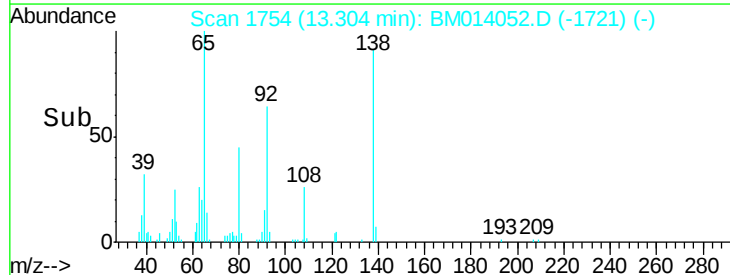
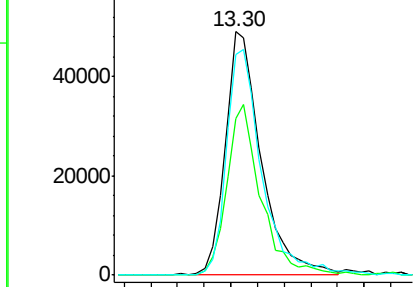


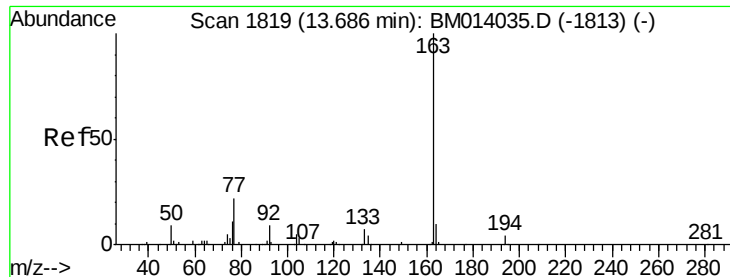
#42
2-Nitroaniline
Concen: 19.438 ng/ul
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	51.8	77.6
138	90.6	74.2	111.4



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

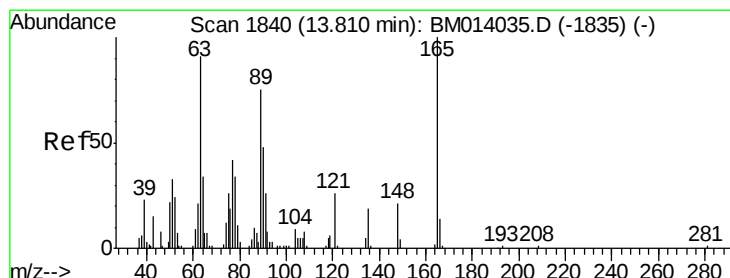
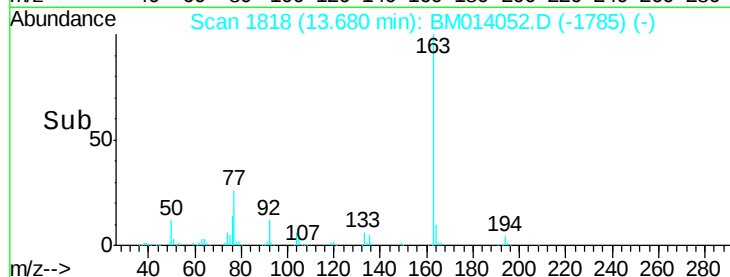
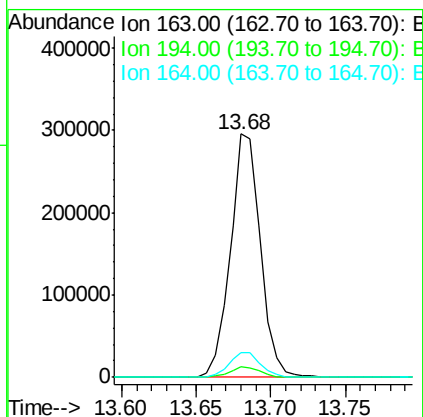
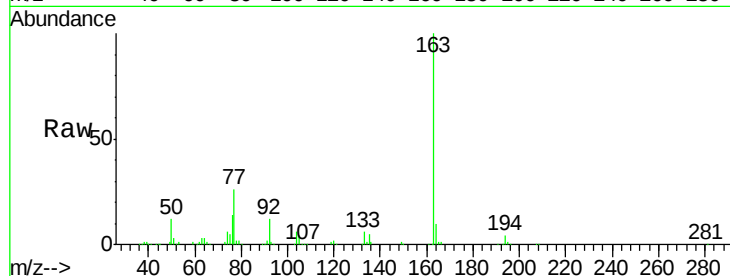




#44
Dimethylphthalate
Concen: 19.473 ng/ul
RT: 13.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

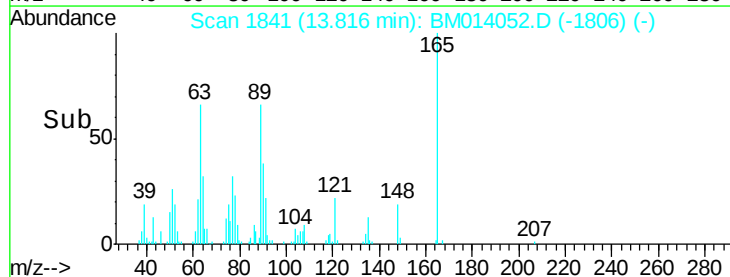
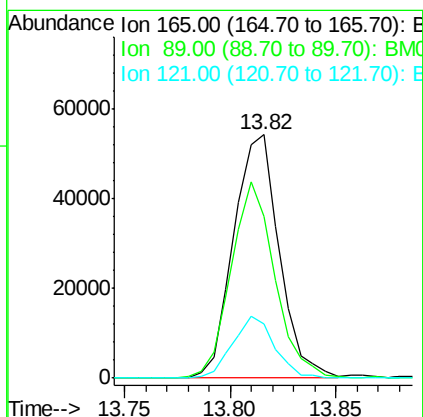
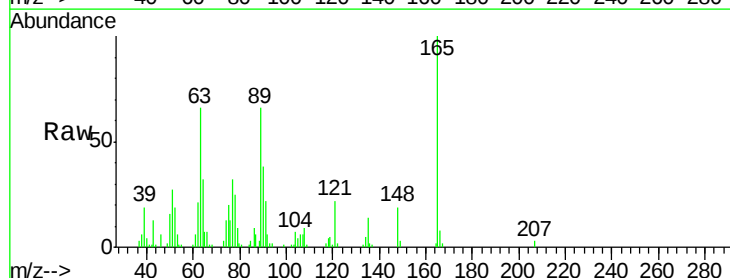
Instrument :
BNA_M
ClientSampleId :
SSTD02021

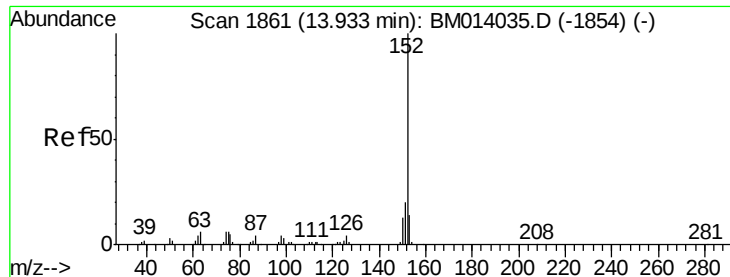
Tot Ion:163 Resp: 416619
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.2 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 19.632 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

Tgt Ion:165 Resp: 81581
Ion Ratio Lower Upper
165 100
89 66.5 52.6 79.0
121 22.2 14.6 22.0#





#47

Acenaphthylene

Concen: 19.895 ng/ul

RT: 13.93 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

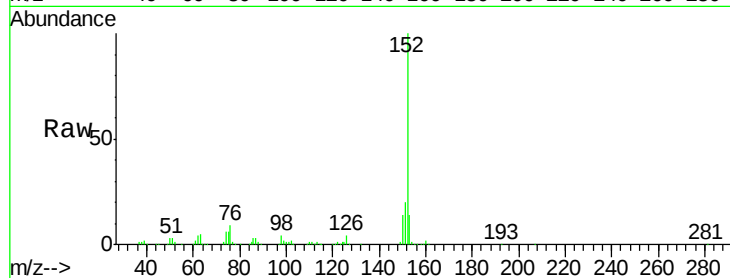
Tot Ion:152 Resp: 497322

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

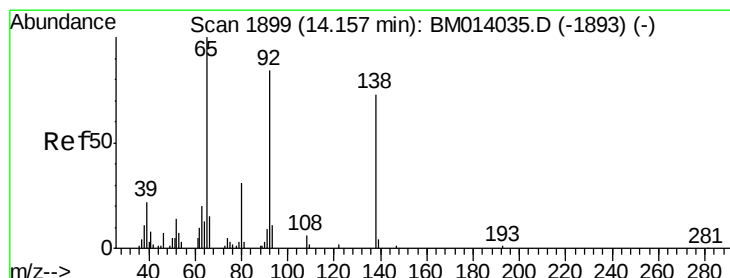
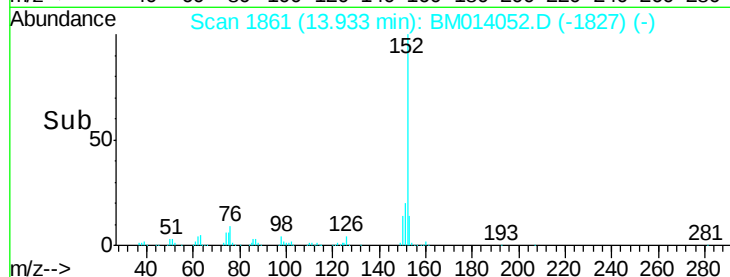
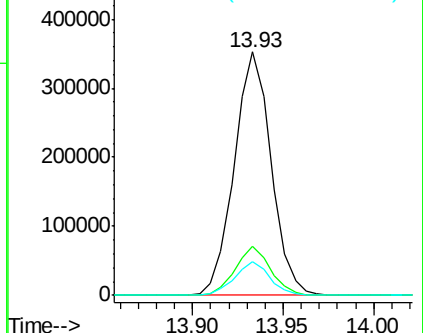
153 13.9 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 18.128 ng/ul

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

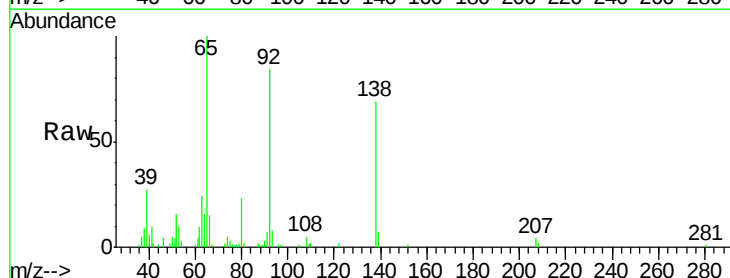
Tgt Ion:138 Resp: 56609

Ion Ratio Lower Upper

138 100

108 7.7 9.9 14.9#

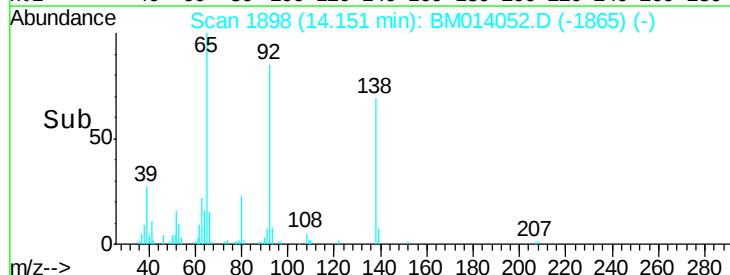
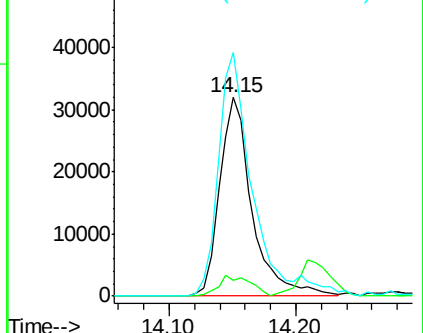
92 122.6 105.0 157.4

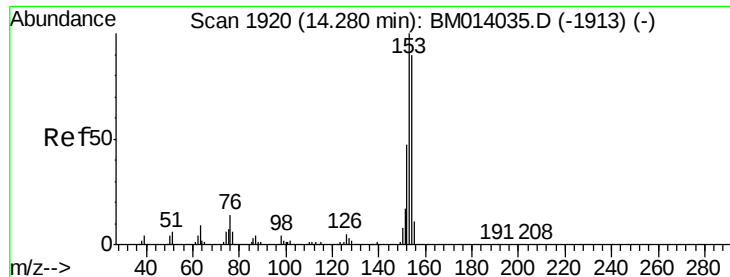


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.552 ng/ul

RT: 14.28 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

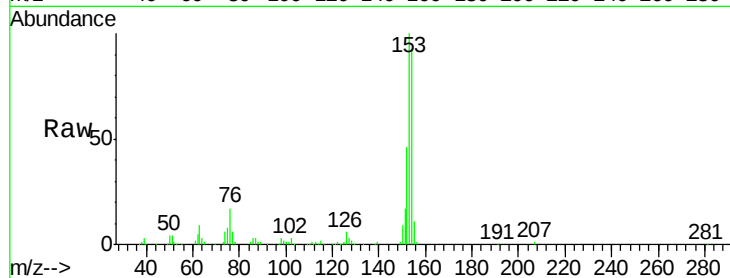
Tot Ion:153 Resp: 342681

Ion Ratio Lower Upper

153 100

152 46.1 37.6 56.4

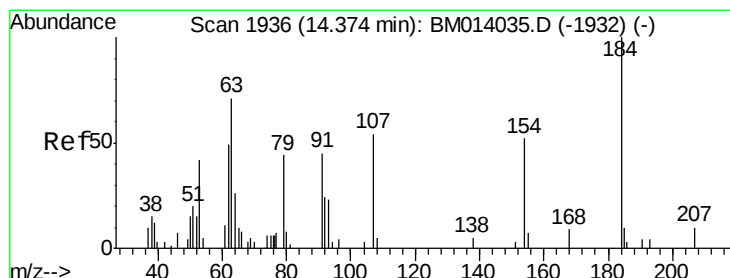
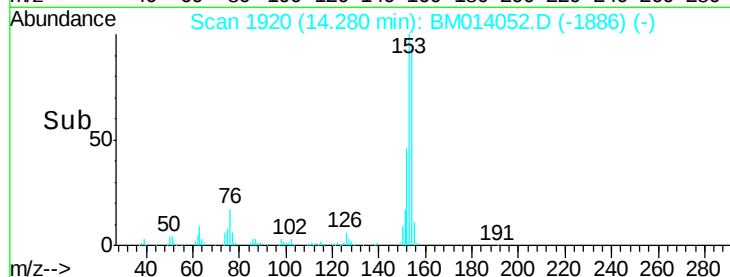
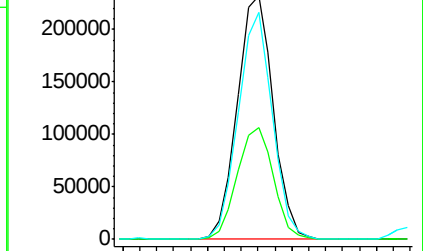
154 93.3 70.4 105.6



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: 14.680 ng/ul

RT: 14.37 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

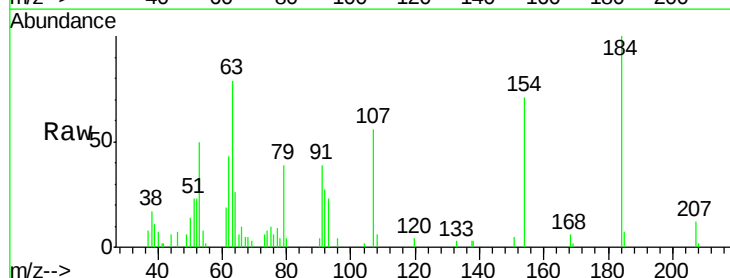
Tgt Ion:184 Resp: 32724

Ion Ratio Lower Upper

184 100

63 78.7 50.1 75.1#

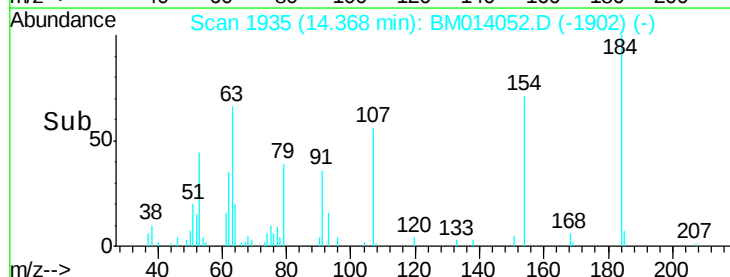
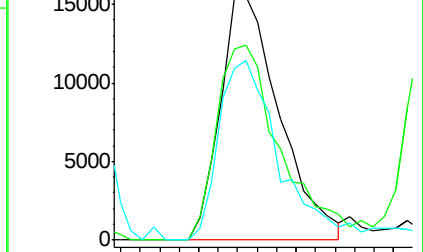
154 70.8 54.5 81.7

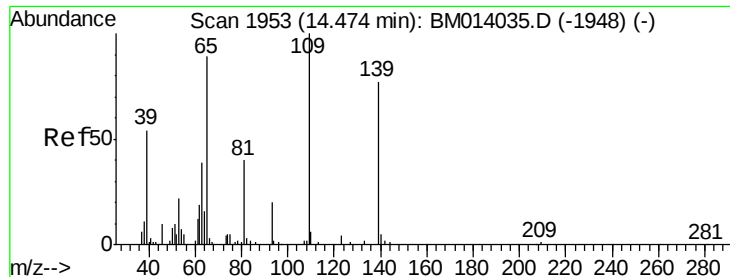


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 16.484 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

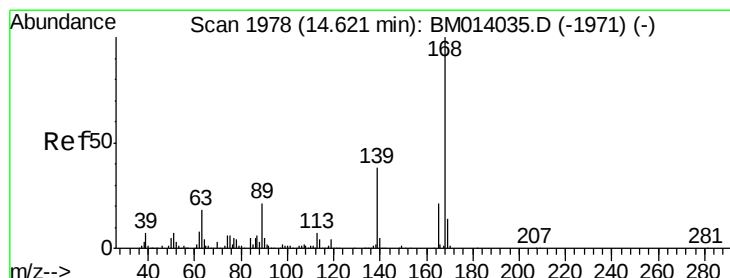
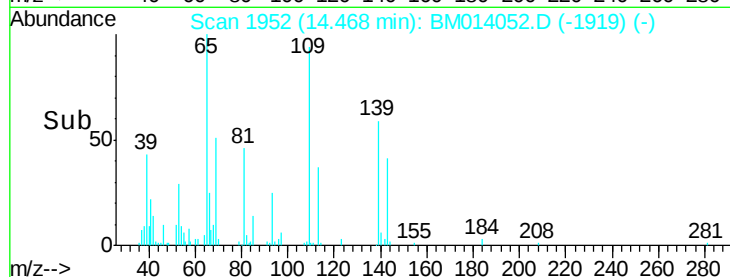
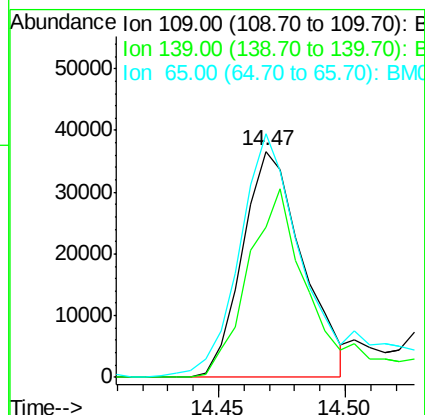
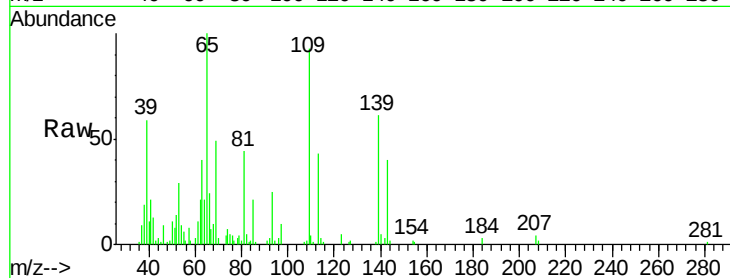
Tot Ion:109 Resp: 60759

Ion Ratio Lower Upper

109 100

139 66.3 80.0 120.0#

65 107.8 120.0 180.0#



#53

Dibenzofuran

Concen: 19.514 ng/ul

RT: 14.62 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM014052.D

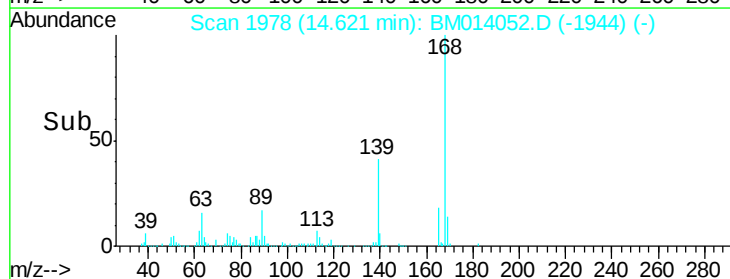
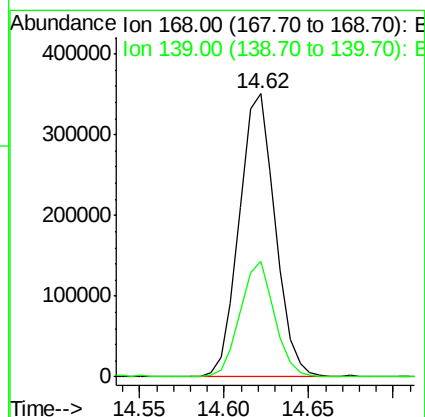
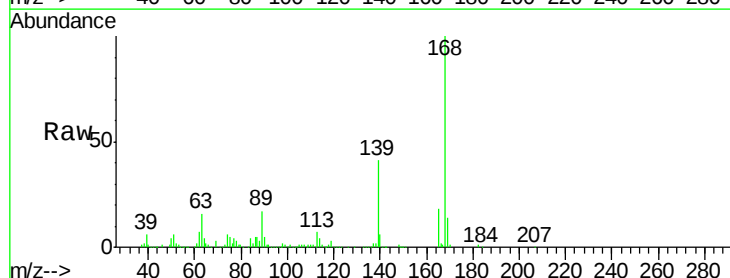
Acq: 01 Feb 2018 01:52

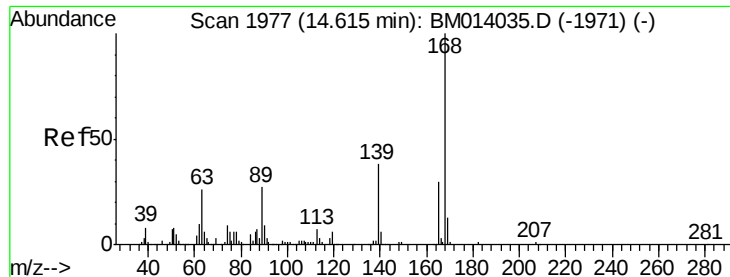
Tgt Ion:168 Resp: 520825

Ion Ratio Lower Upper

168 100

139 40.7 30.8 46.2





#54

2,4-Dinitrotoluene

Concen: 19.562 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

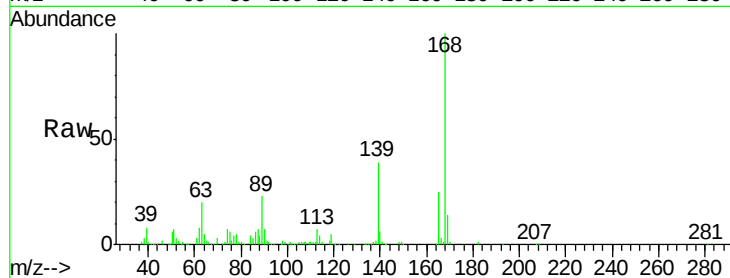
Tot Ion:165 Resp: 122999

Ion Ratio Lower Upper

165 100

63 83.1 45.8 68.8#

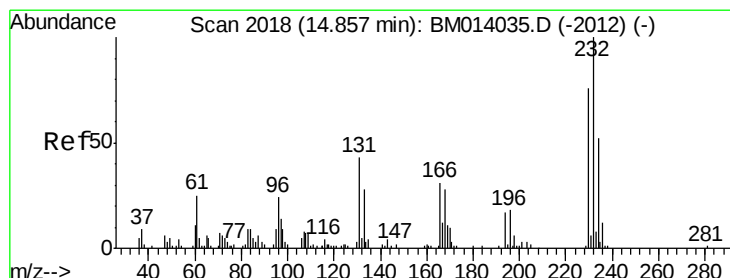
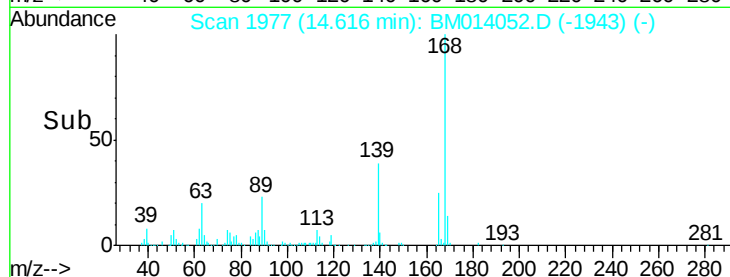
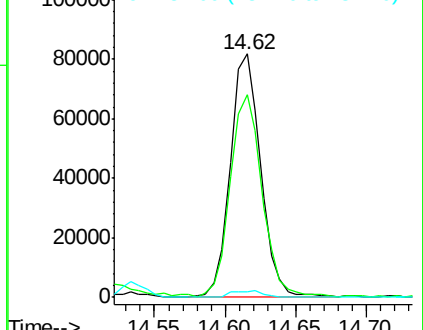
182 2.2 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.076 ng/ul

RT: 14.86 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Tgt Ion:232 Resp: 118233

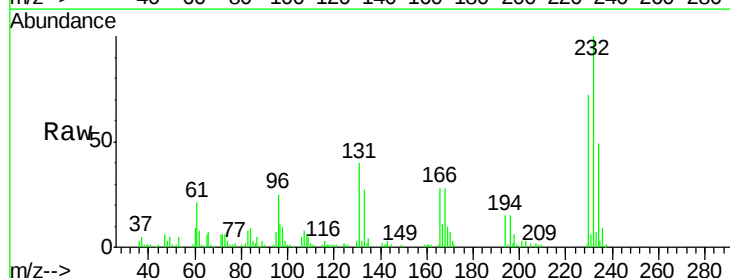
Ion Ratio Lower Upper

232 100

131 39.6 29.0 43.4

130 2.6 2.0 3.0

166 27.6 21.4 32.2

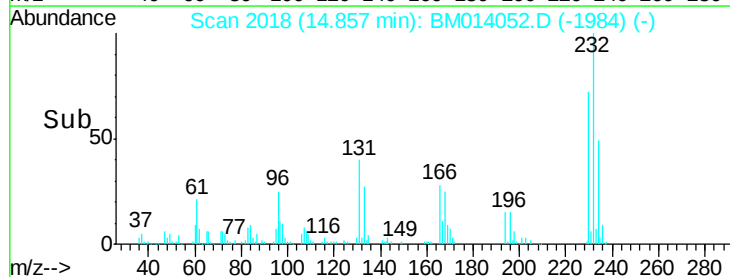
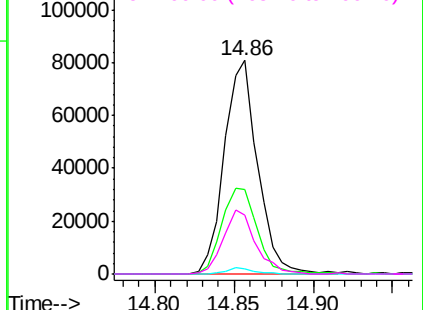


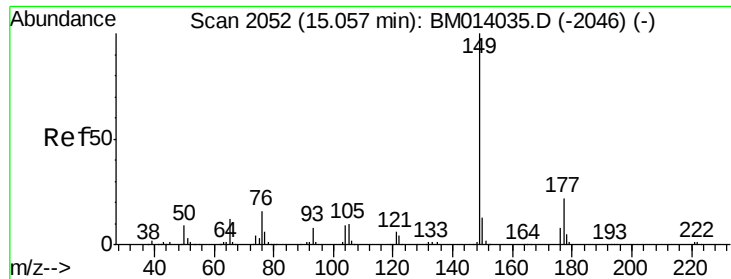
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

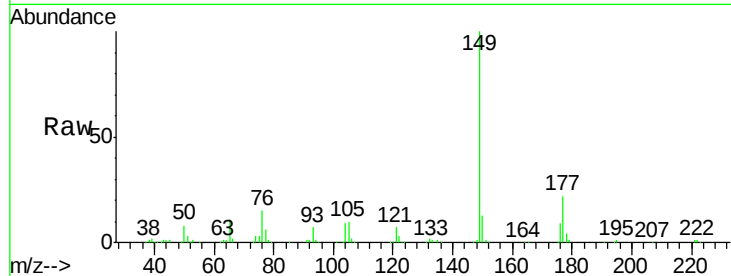




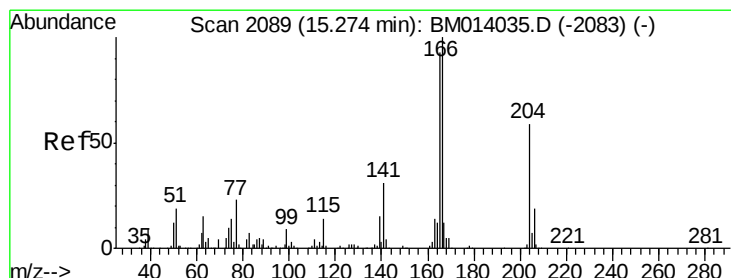
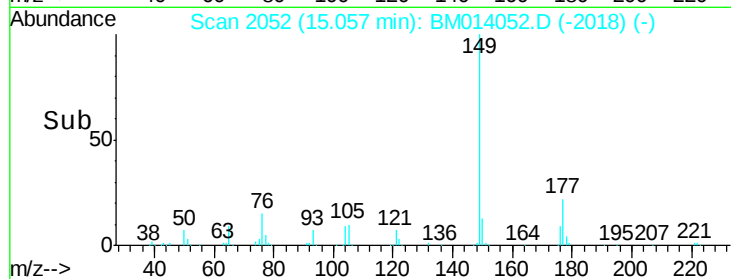
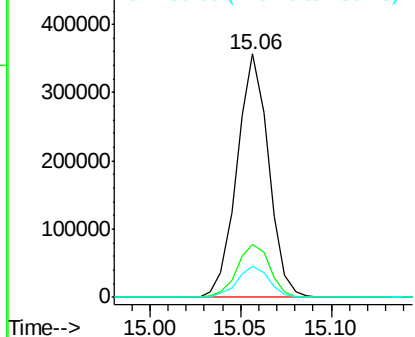
#56
Diethylphthalate
Concen: 19.331 ng/ul
RT: 15.06 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

Instrument :
BNA_M
ClientSampleId :
SSTD02021

Tot Ion:149 Resp: 433850
Ion Ratio Lower Upper
149 100
177 21.5 20.5 30.7
150 12.7 10.6 15.8

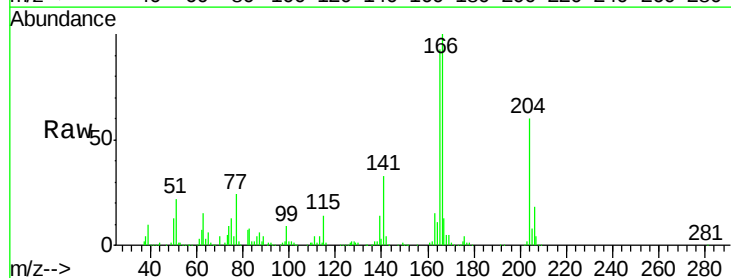


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

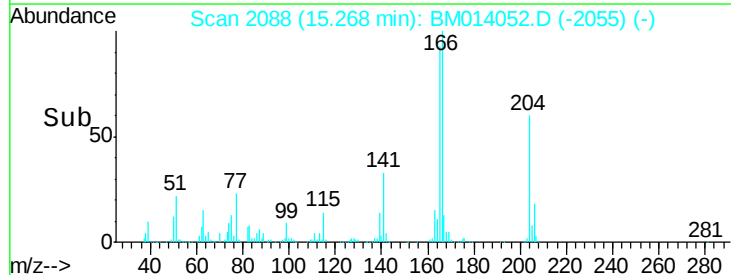
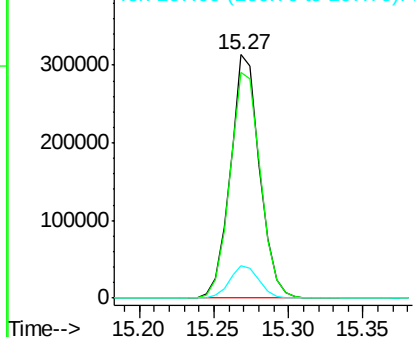


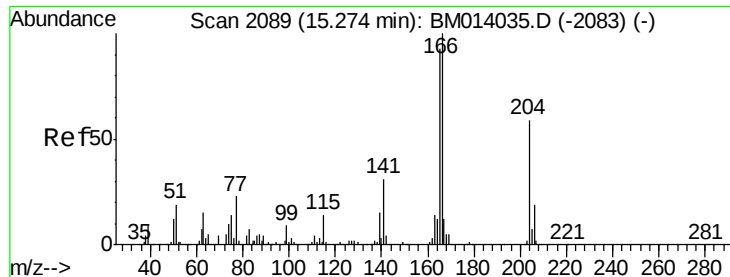
#58
Fluorene
Concen: 19.343 ng/ul
RT: 15.27 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

Tgt Ion:166 Resp: 430513
Ion Ratio Lower Upper
166 100
165 92.7 77.9 116.9
167 13.2 10.6 16.0



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





#59

4-Chlorophenyl-phenylether

Concen: 19.738 ng/ul

RT: 15.27 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampled :

SSTD02021

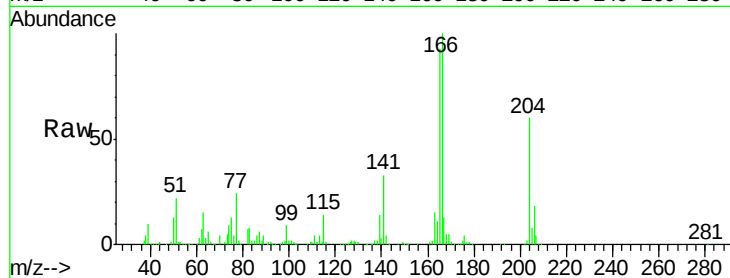
Tot Ion:204 Resp: 251547

Ion Ratio Lower Upper

204 100

206 29.8 24.8 37.2

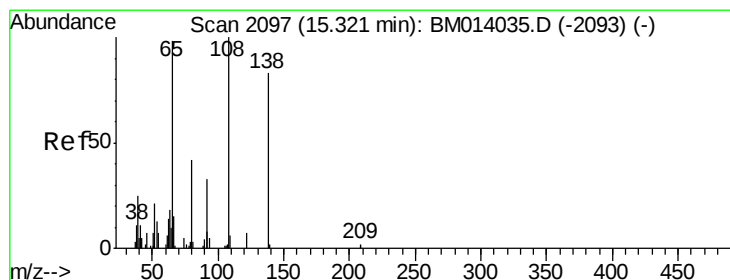
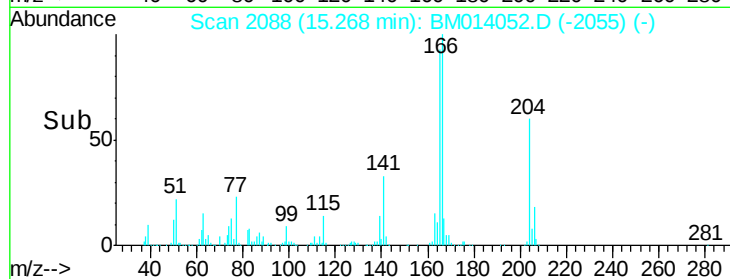
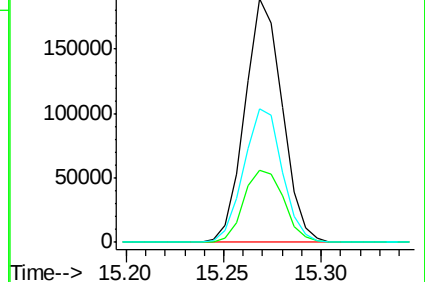
141 54.9 44.3 66.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 16.214 ng/ul

RT: 15.32 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

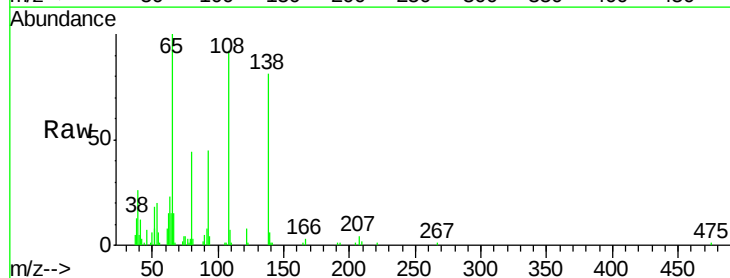
Tgt Ion:138 Resp: 56902

Ion Ratio Lower Upper

138 100

92 54.7 40.0 60.0

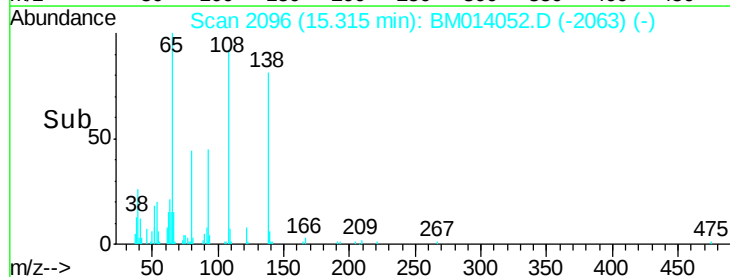
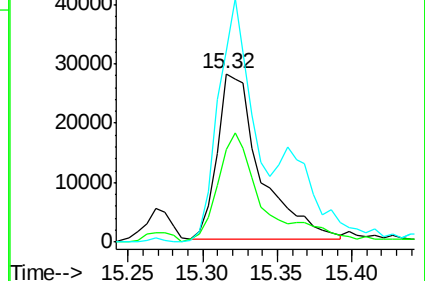
108 113.3 80.0 120.0

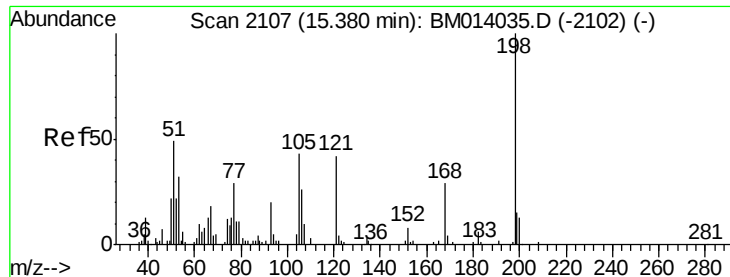


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E

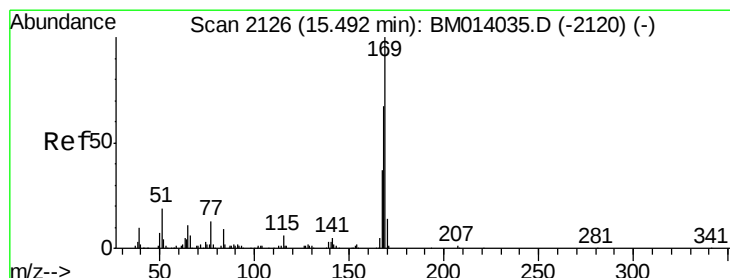
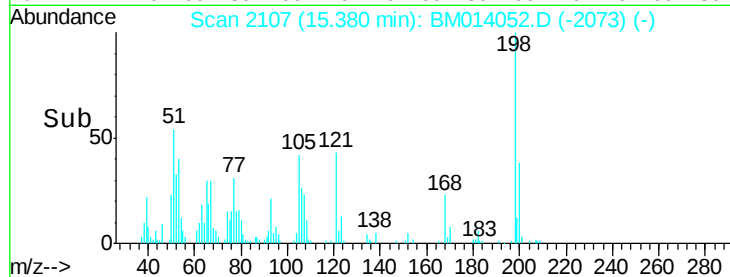
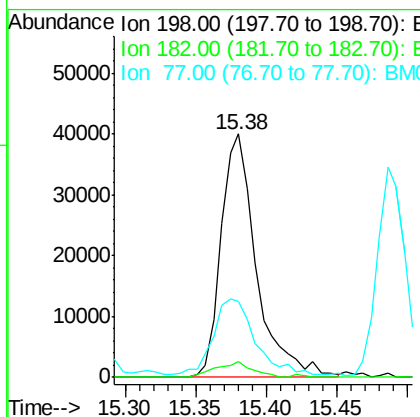
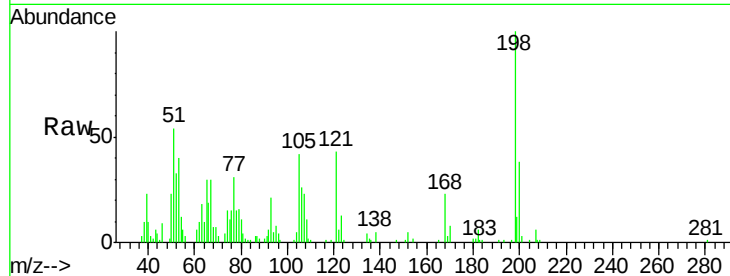




#63
 4,6-Dinitro-2-methylphenol
 Concen: 17.454 ng/ul
 RT: 15.38 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BM014052.D
 Acq: 01 Feb 2018 01:52

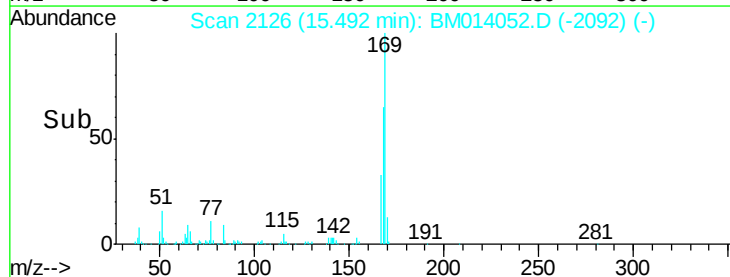
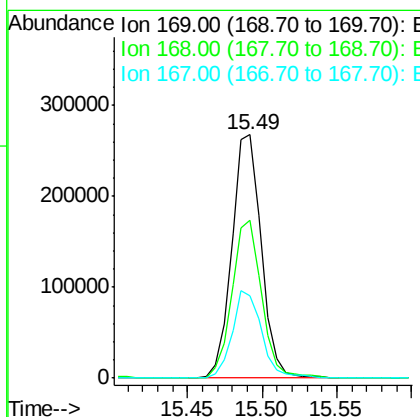
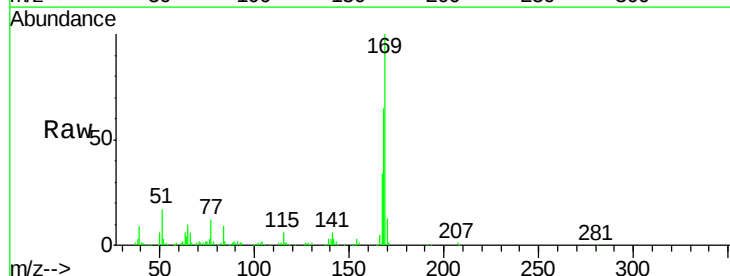
Instrument :
 BNA_M
 ClientSampleId :
 SST02021

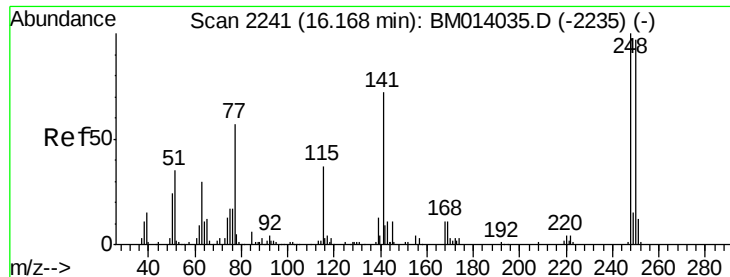
Tot Ion:198 Resp: 69835
 Ion Ratio Lower Upper
 198 100
 182 6.4 3.8 5.6#
 77 31.4 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 19.929 ng/ul
 RT: 15.49 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BM014052.D
 Acq: 01 Feb 2018 01:52

Tgt Ion:169 Resp: 369690
 Ion Ratio Lower Upper
 169 100
 168 65.0 54.0 81.0
 167 34.0 29.1 43.7

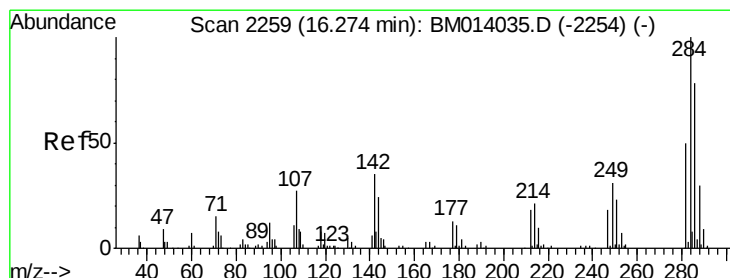
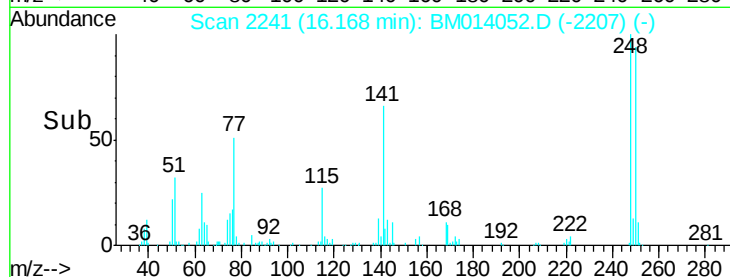
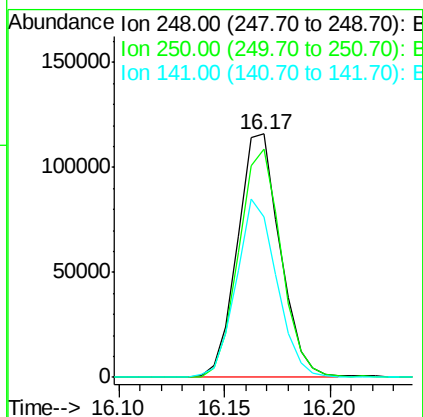
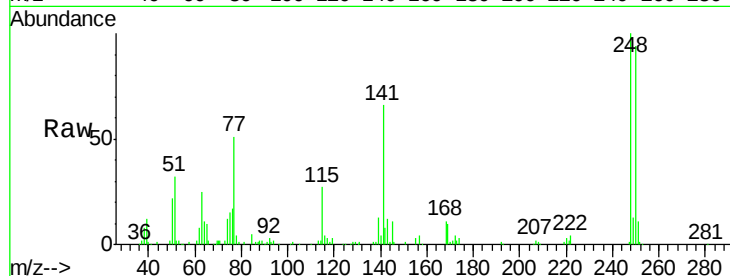




#65
4-Bromophenyl-phenylether
Concen: 20.190 ng/ul
RT: 16.17 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

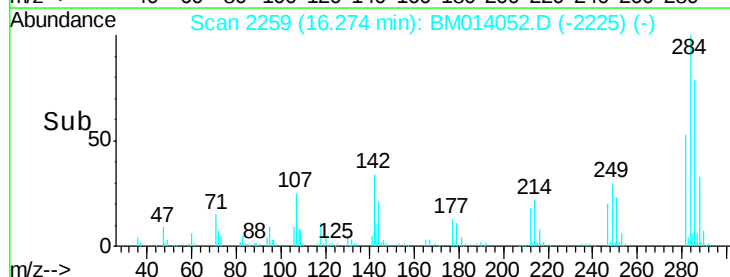
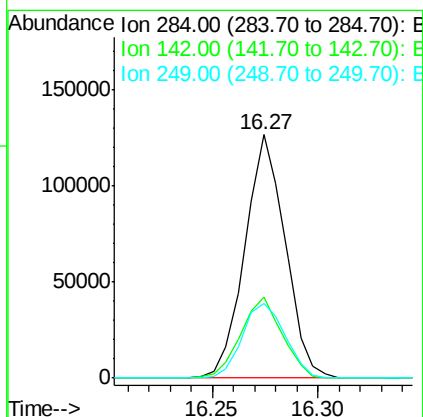
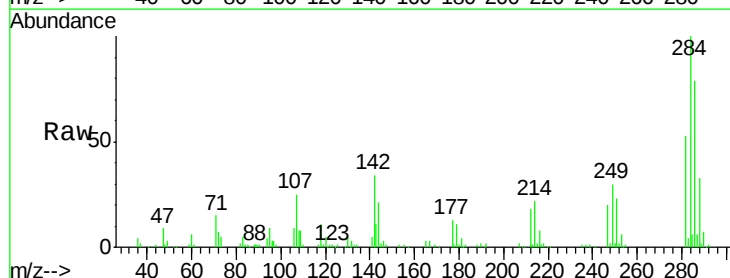
Instrument :
BNA_M
ClientSampleId :
SSTD02021

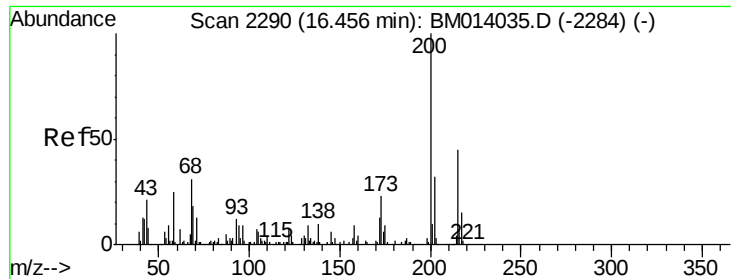
Tot Ion:248 Resp: 162254
Ion Ratio Lower Upper
248 100
250 93.9 80.5 120.7
141 66.1 53.6 80.4



#66
Hexachlorobenzene
Concen: 19.627 ng/ul
RT: 16.27 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

Tgt Ion:284 Resp: 167821
Ion Ratio Lower Upper
284 100
142 33.5 21.2 31.8#
249 30.5 24.5 36.7

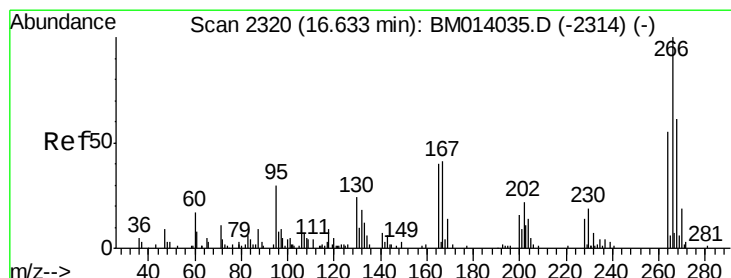
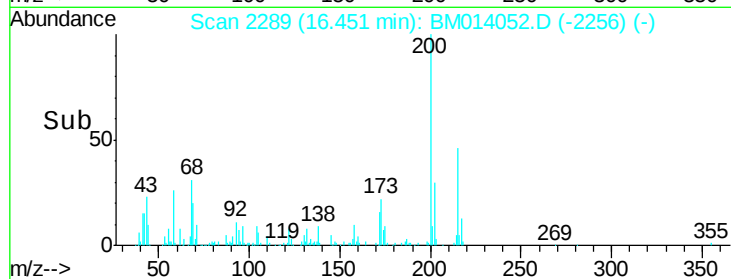
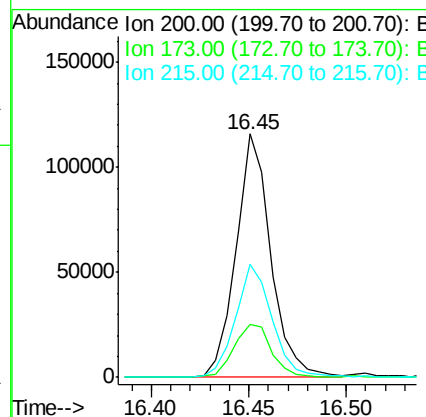
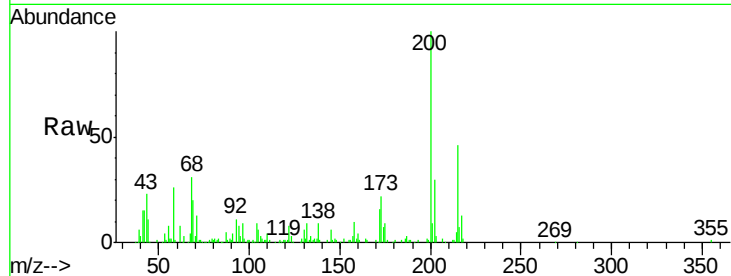




#67
Atrazine
Concen: 19.256 ng/ul
RT: 16.45 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

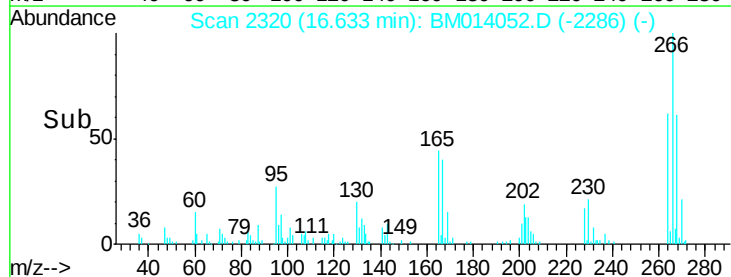
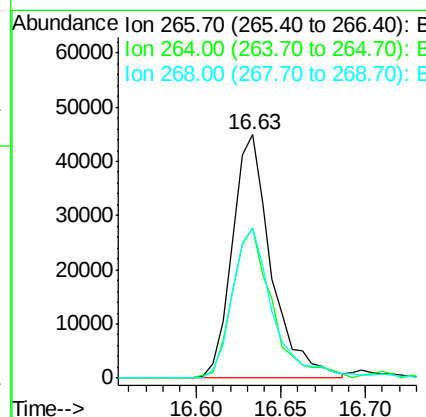
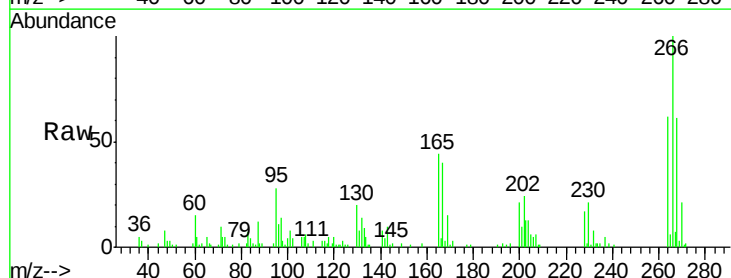
Instrument :
BNA_M
ClientSampleId :
SSTD02021

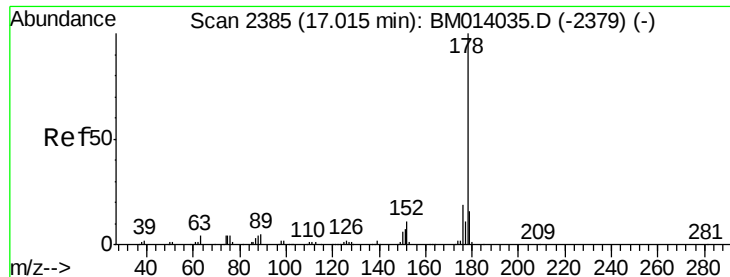
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.0	18.2	27.2
215	46.3	35.0	52.4



#68
Pentachlorophenol
Concen: 17.088 ng/ul
RT: 16.63 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BM014052.D
Acq: 01 Feb 2018 01:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.3	73.9
268	61.5	52.6	78.8





#69

Phenanthrene

Concen: 19.819 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

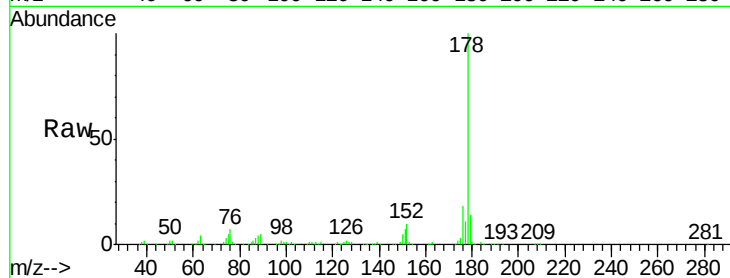
Tot Ion:178 Resp: 716483

Ion Ratio Lower Upper

178 100

179 13.5 12.6 19.0

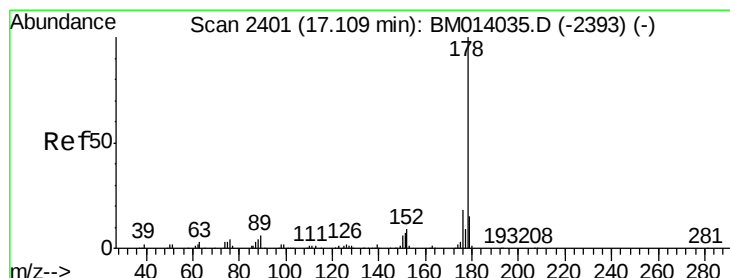
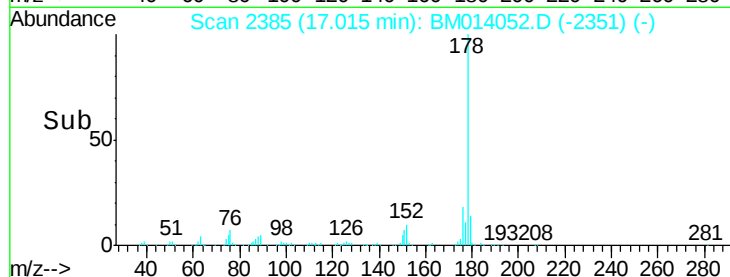
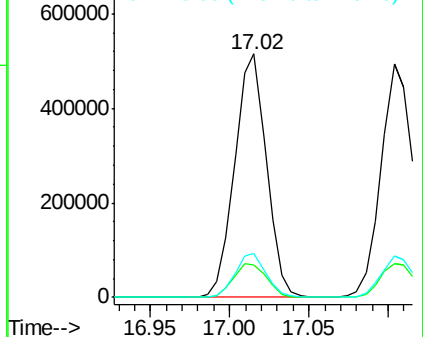
176 18.0 14.9 22.3



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: 19.528 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

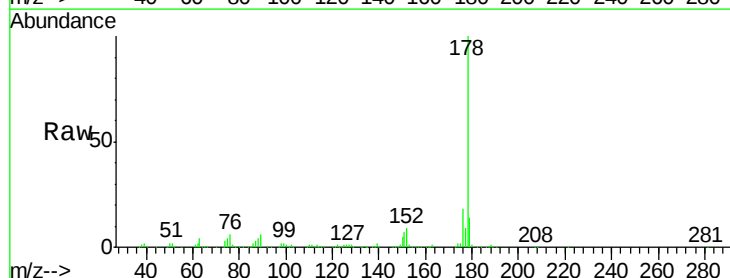
Tgt Ion:178 Resp: 715250

Ion Ratio Lower Upper

178 100

179 14.2 11.7 17.5

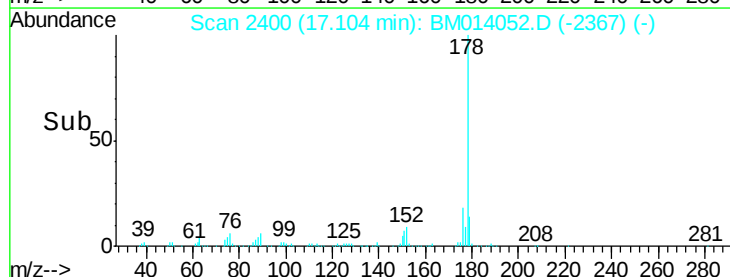
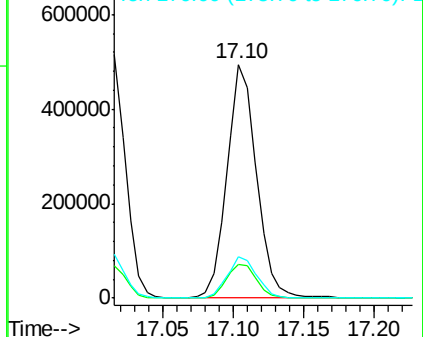
176 17.8 14.6 21.8

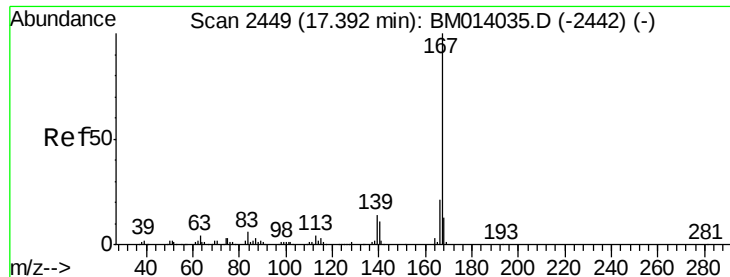


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 18.830 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

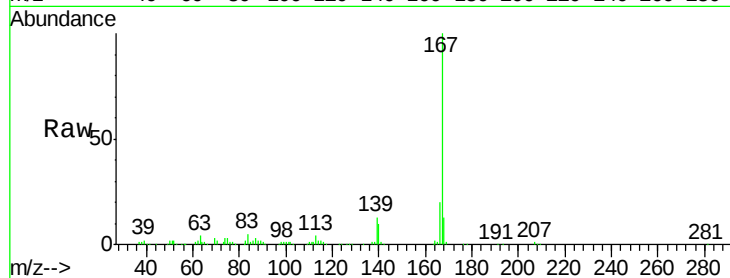
Tot Ion:167 Resp: 562486

Ion Ratio Lower Upper

167 100

166 20.2 17.1 25.7

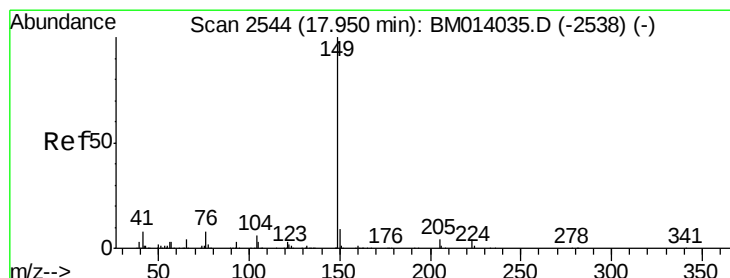
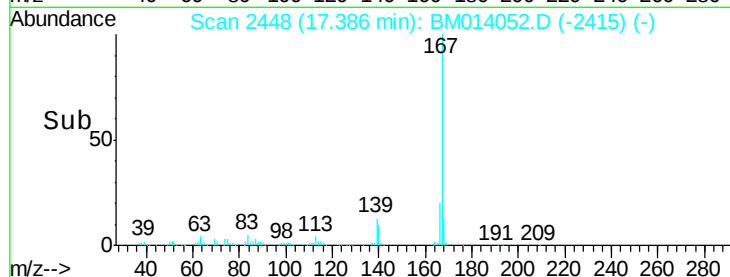
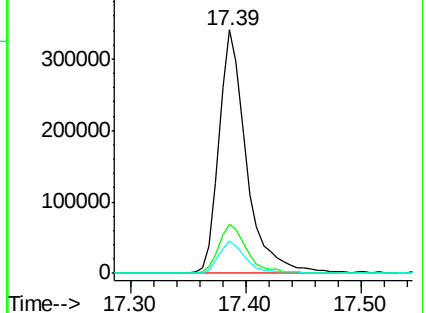
139 13.3 10.0 15.0



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: 19.534 ng/ul

RT: 17.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

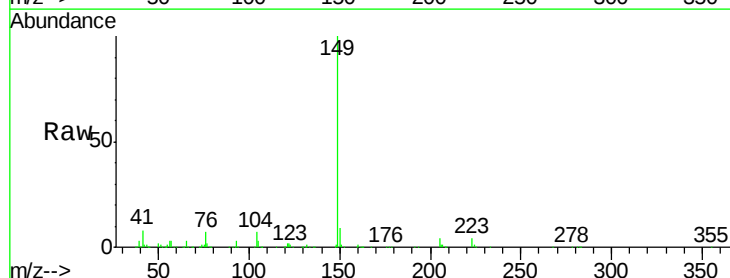
Tgt Ion:149 Resp: 732015

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

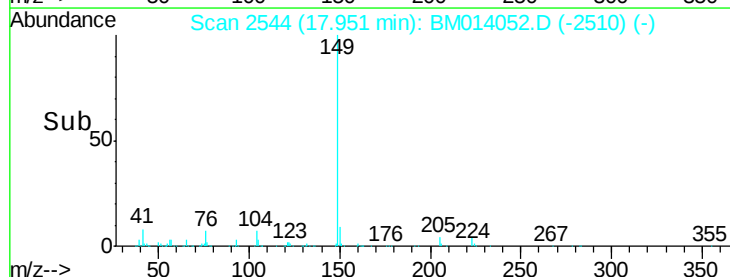
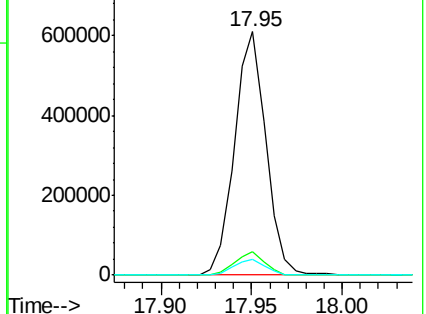
104 6.7 5.6 8.4

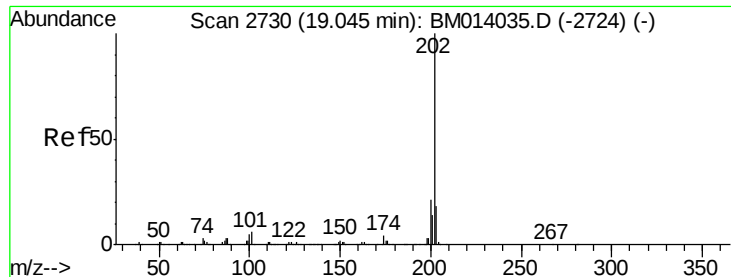


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

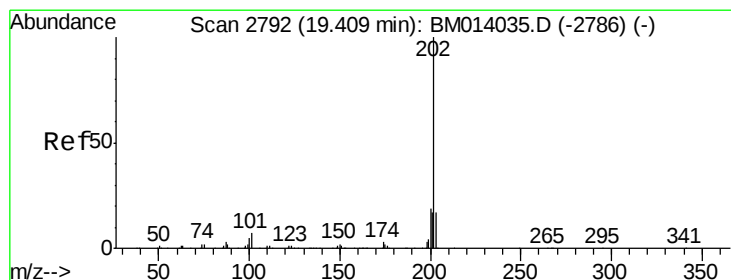
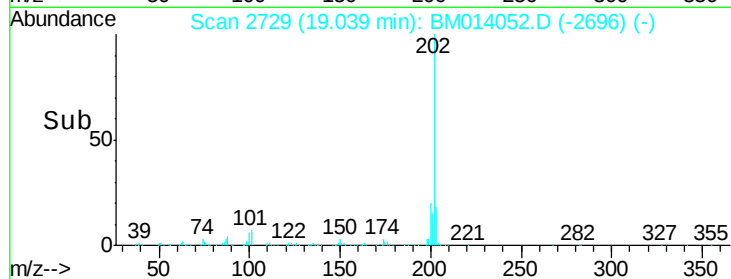
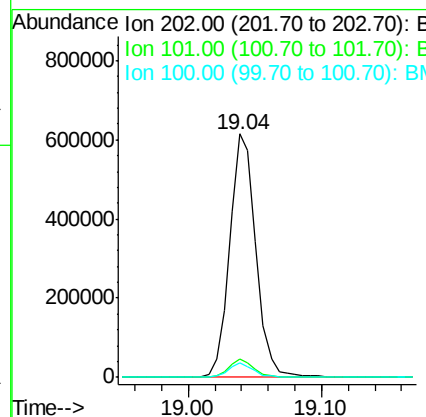
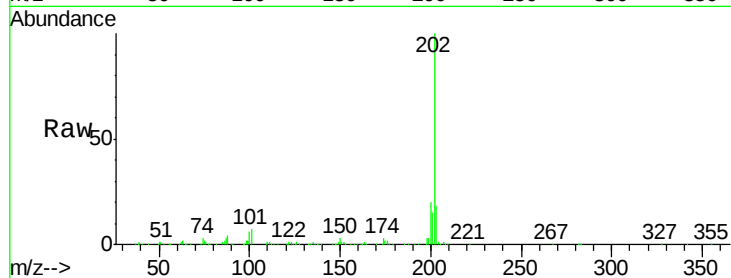




#74
 Fluoranthene
 Concen: 18.759 ng/ul
 RT: 19.04 min Scan# 2729
 Delta R.T. -0.01 min
 Lab File: BM014052.D
 Acq: 01 Feb 2018 01:52

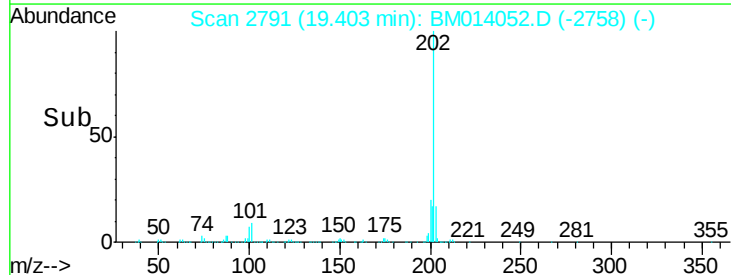
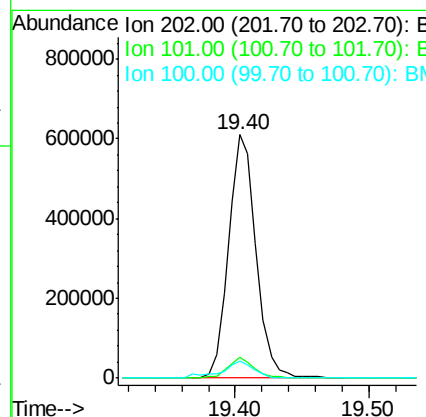
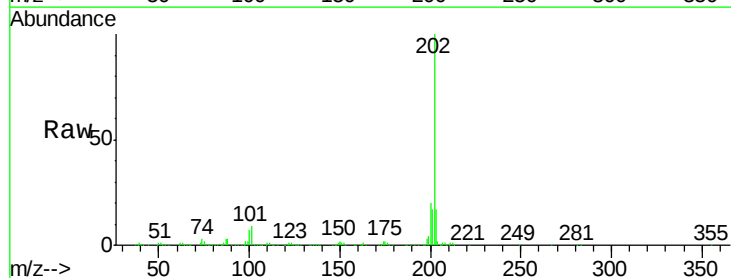
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02021

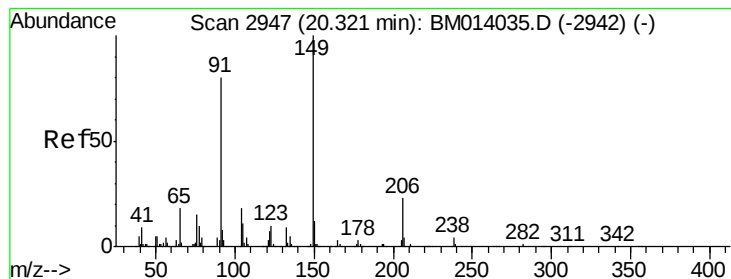
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.3	4.6	7.0#
100	5.8	3.4	5.2#



#77
 Pyrene
 Concen: 20.551 ng/ul
 RT: 19.40 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BM014052.D
 Acq: 01 Feb 2018 01:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	5.1	7.7#
100	6.9	4.9	7.3





#78

Butylbenzylphthalate

Concen: 19.722 ng/ul

RT: 20.32 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

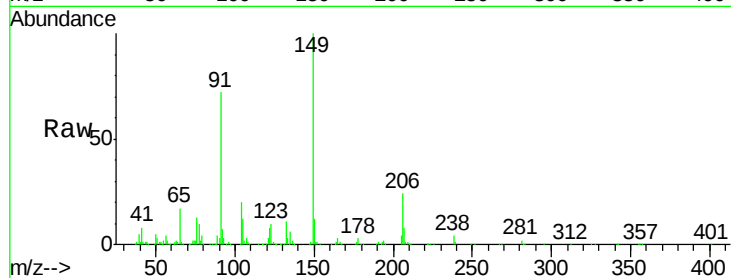
Tot Ion:149 Resp: 331078

Ion Ratio Lower Upper

149 100

91 71.8 62.7 94.1

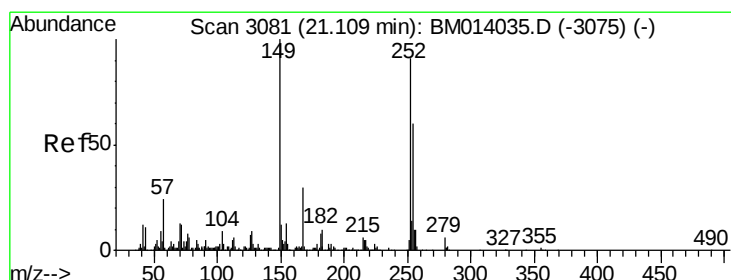
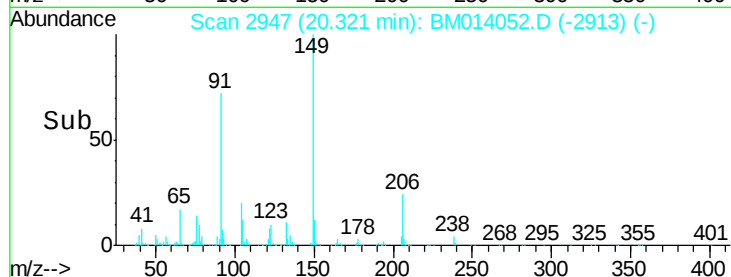
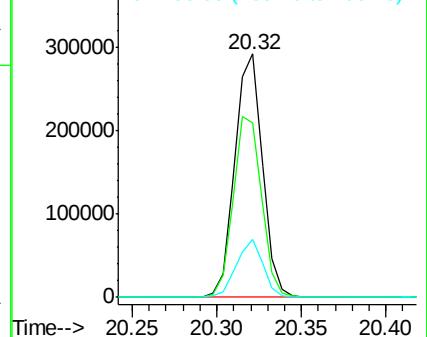
206 23.6 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 19.771 ng/ul

RT: 21.10 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

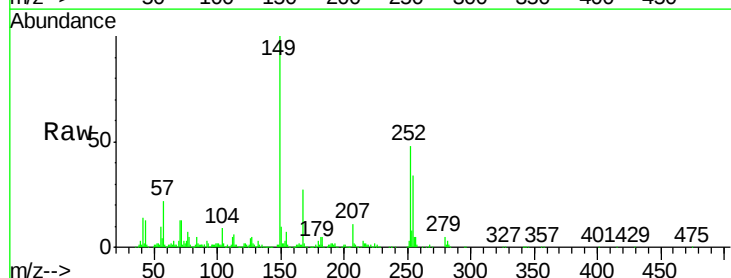
Tgt Ion:252 Resp: 219868

Ion Ratio Lower Upper

252 100

254 70.0 54.5 81.7

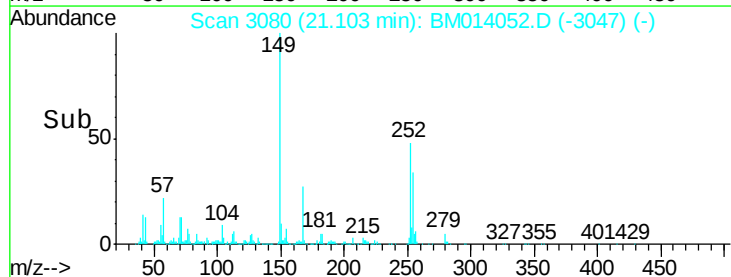
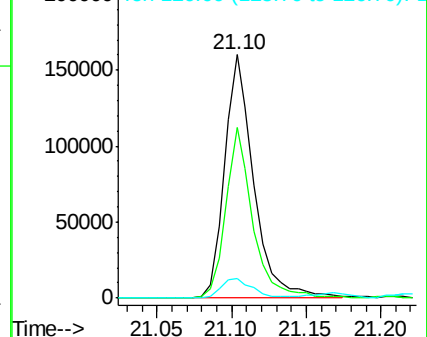
126 8.2 5.8 8.8

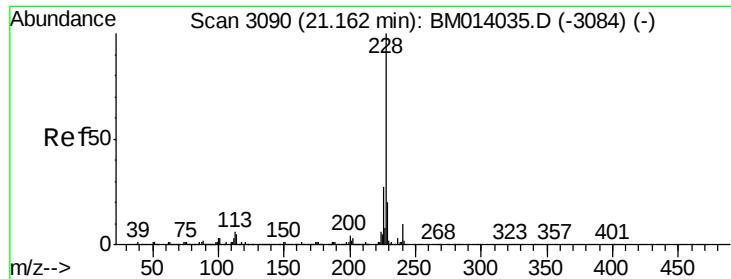


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.787 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

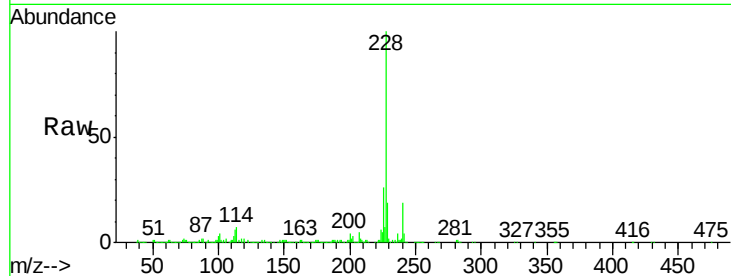
Tot Ion:228 Resp: 879593

Ion Ratio Lower Upper

228 100

229 19.1 15.4 23.0

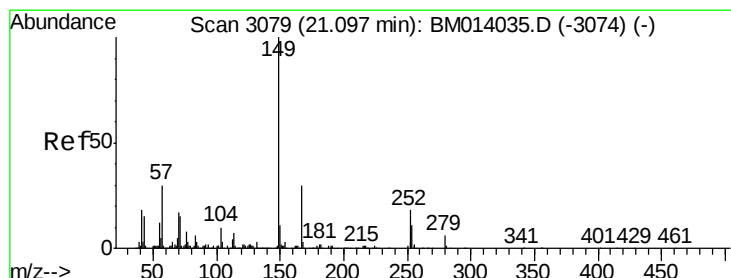
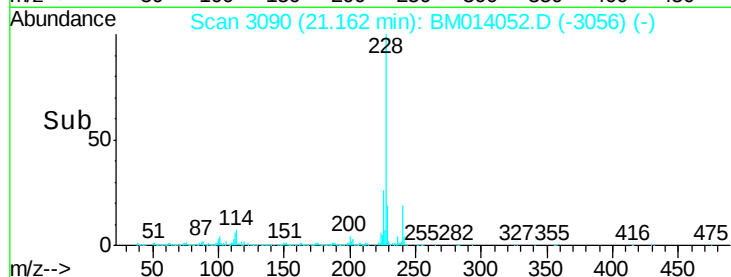
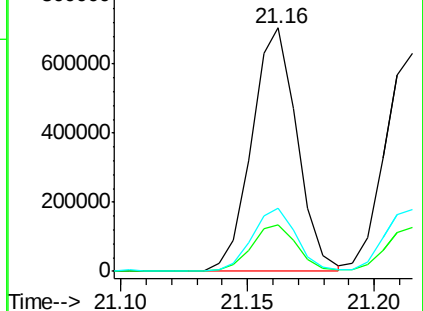
226 26.0 21.4 32.0



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: 19.847 ng/ul

RT: 21.10 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

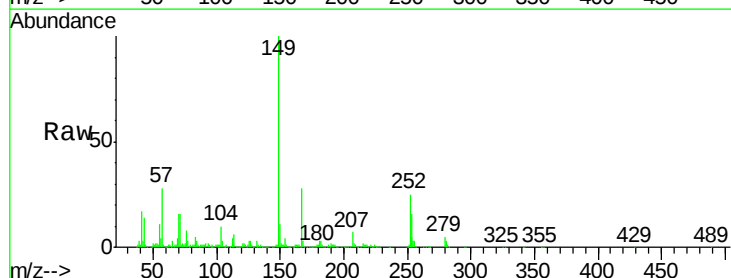
Tgt Ion:149 Resp: 485764

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

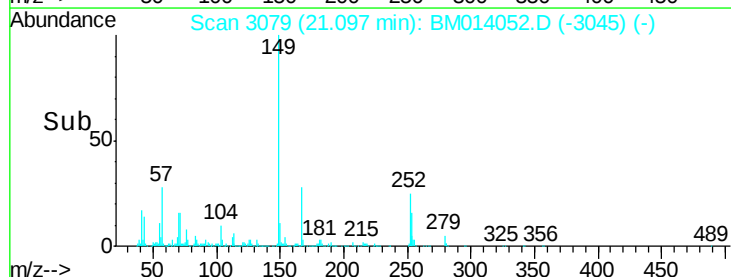
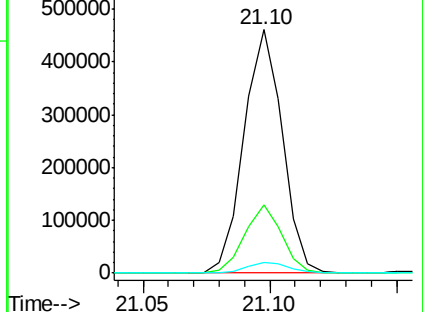
279 4.6 4.9 7.3#

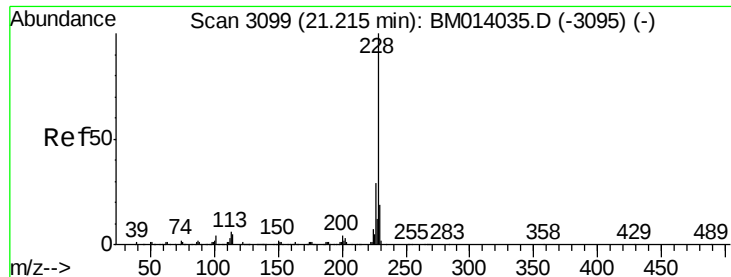


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.700 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

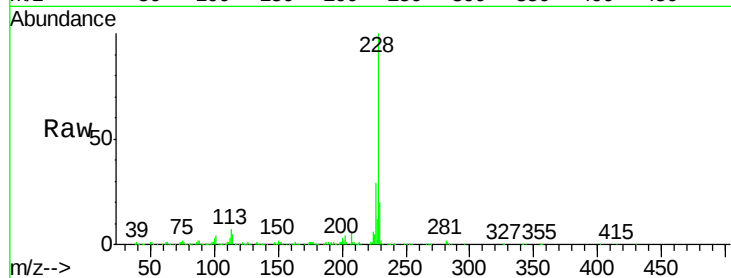
BNA_M

ClientSampleId :

SSTD02021

Tot Ion:228 Resp: 823183

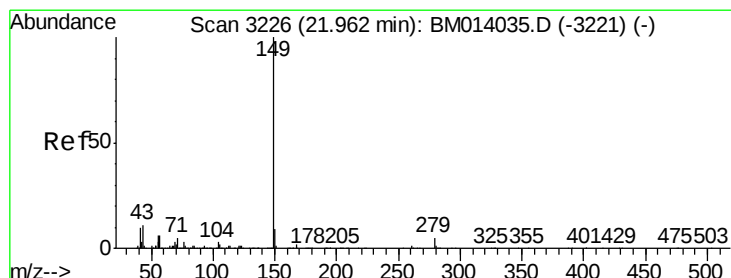
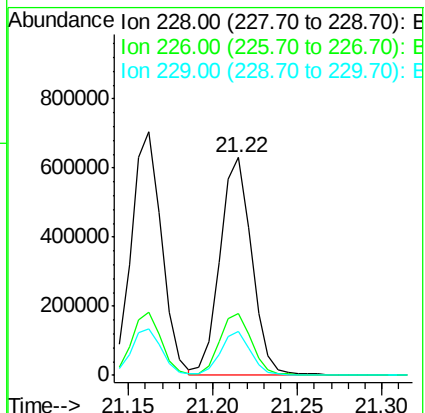
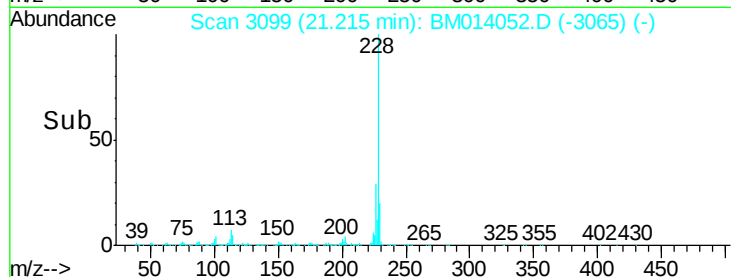
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	19.9	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 18.763 ng/ul

RT: 21.96 min Scan# 3226

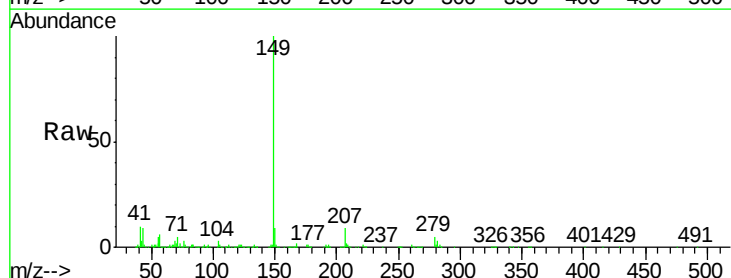
Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Tgt Ion:149 Resp: 803451

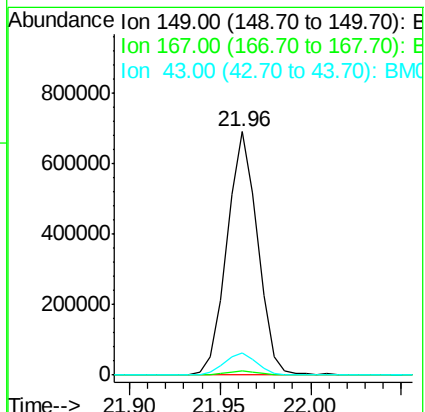
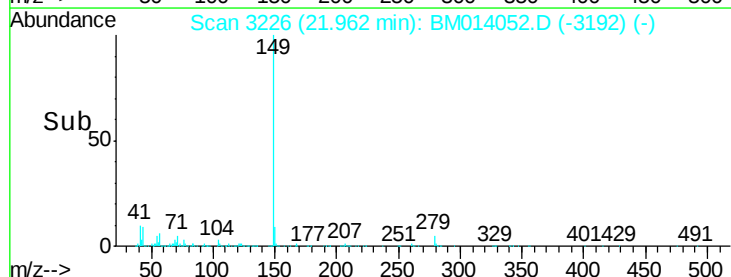
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.4	7.3	10.9

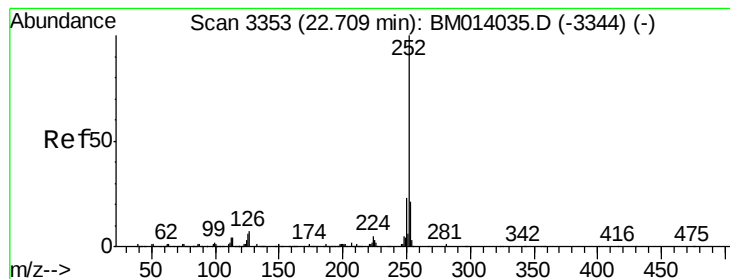


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 19.090 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. 0.00 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

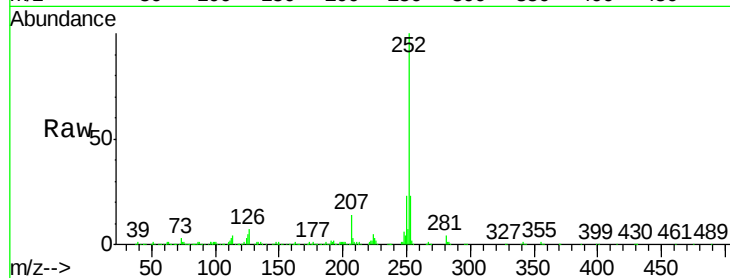
Tot Ion:252 Resp: 810364

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

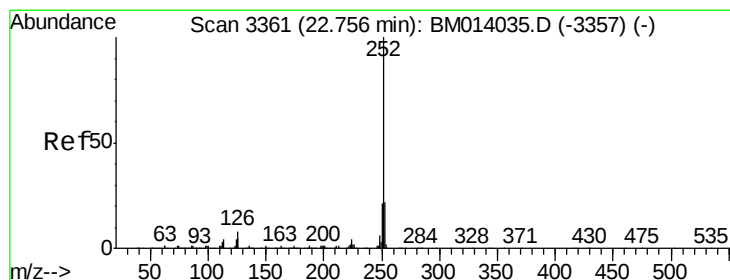
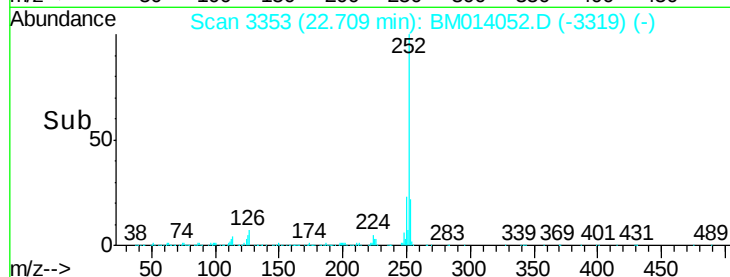
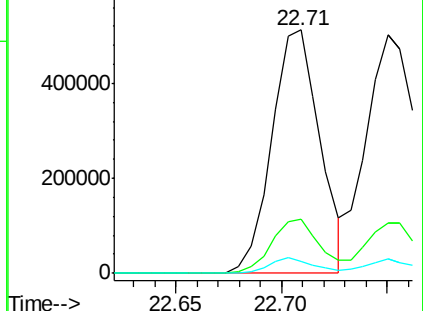
125 5.0 3.6 5.4



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: 19.419 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. -0.05 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

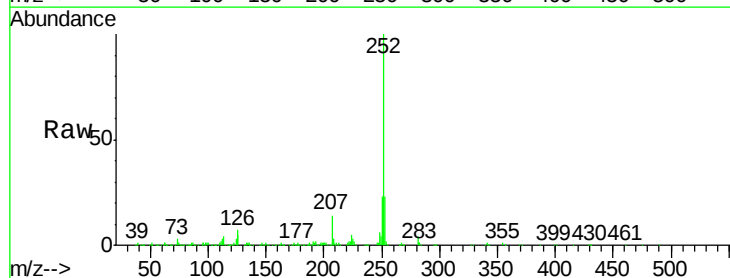
Tgt Ion:252 Resp: 810364

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

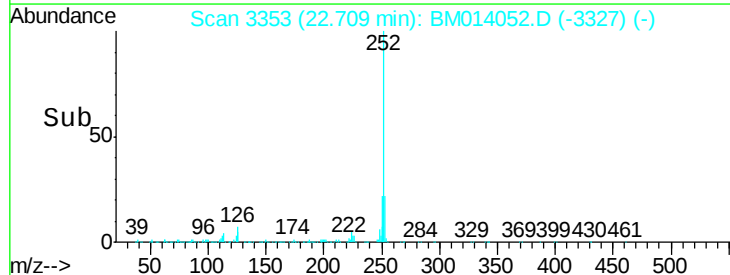
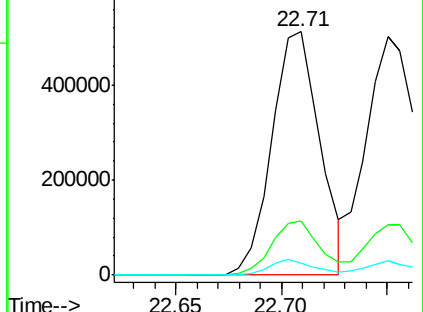
125 5.0 3.4 5.2

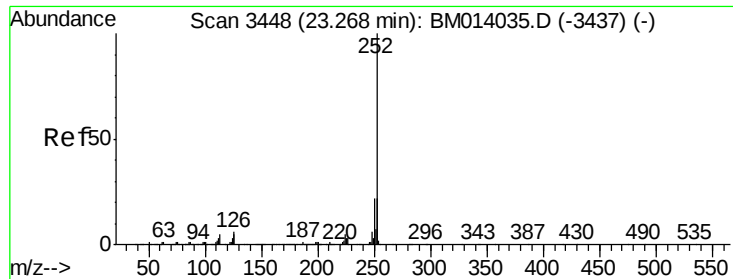


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.750 ng/ul

RT: 23.26 min Scan# 3447

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

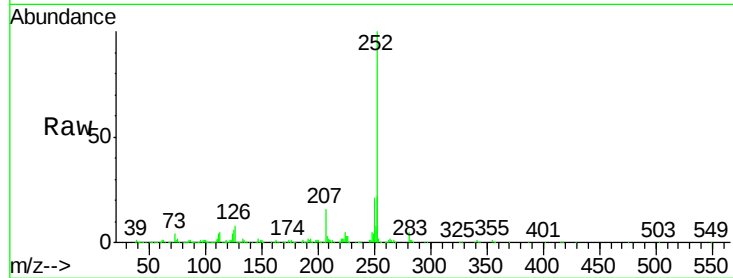
Tot Ion:252 Resp: 790055

Ion Ratio Lower Upper

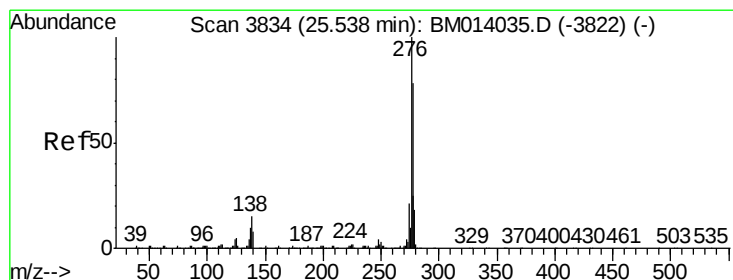
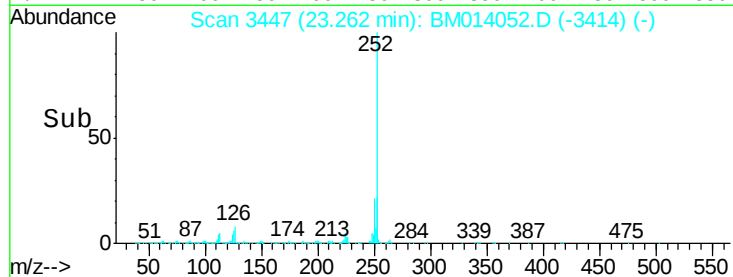
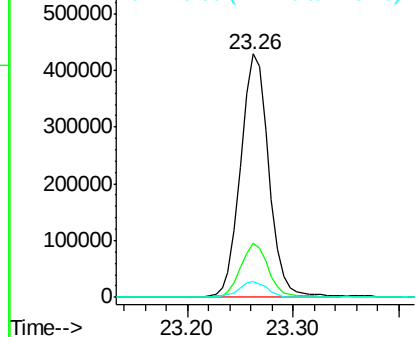
252 100

253 22.4 18.2 27.2

125 6.4 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 19.905 ng/ul

RT: 25.53 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

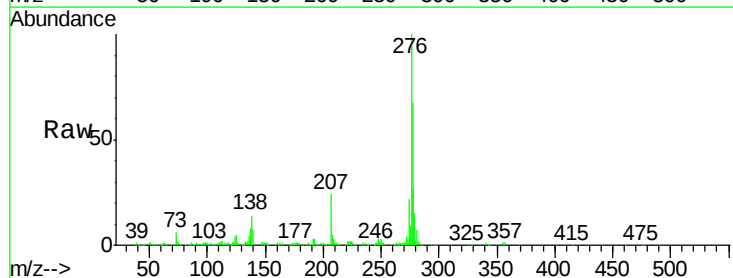
Tgt Ion:276 Resp: 872573

Ion Ratio Lower Upper

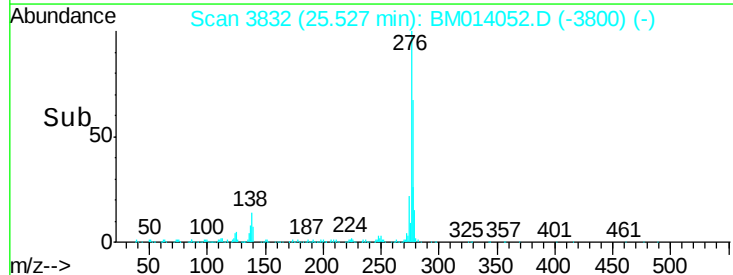
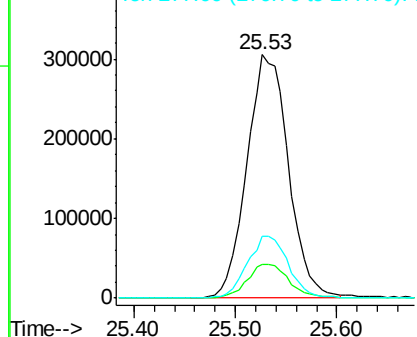
276 100

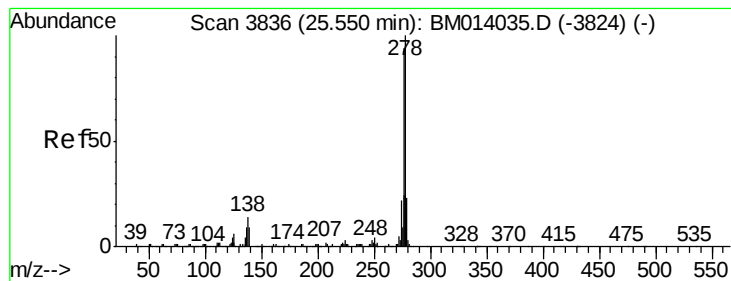
138 14.1 9.3 13.9#

277 25.6 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: 19.783 ng/ul

RT: 25.54 min Scan# 3834

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

Instrument :

BNA_M

ClientSampleId :

SSTD02021

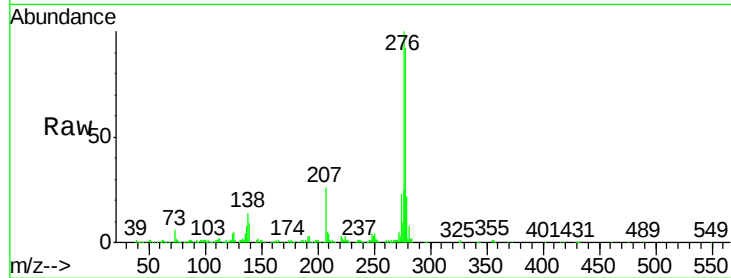
Tot Ion:278 Resp: 735396

Ion Ratio Lower Upper

278 100

139 9.3 5.8 8.8#

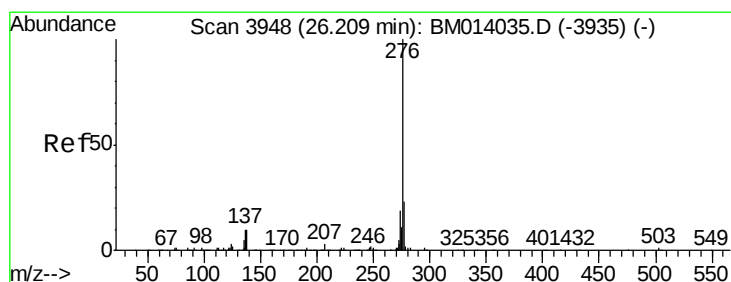
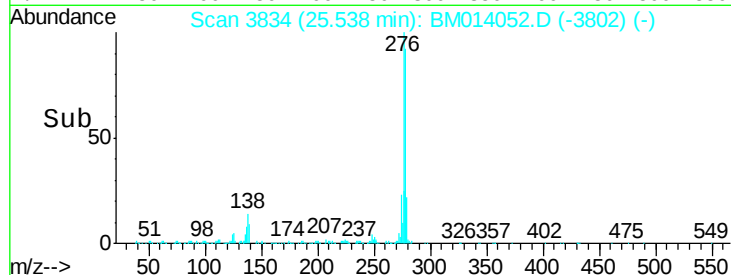
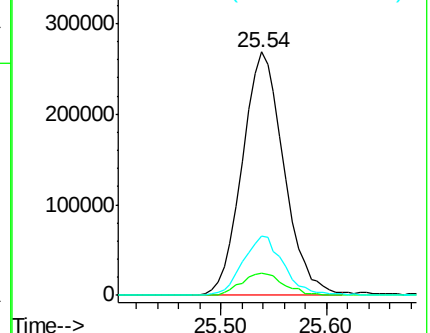
279 24.2 18.6 27.8



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: 19.623 ng/ul

RT: 26.20 min Scan# 3946

Delta R.T. -0.01 min

Lab File: BM014052.D

Acq: 01 Feb 2018 01:52

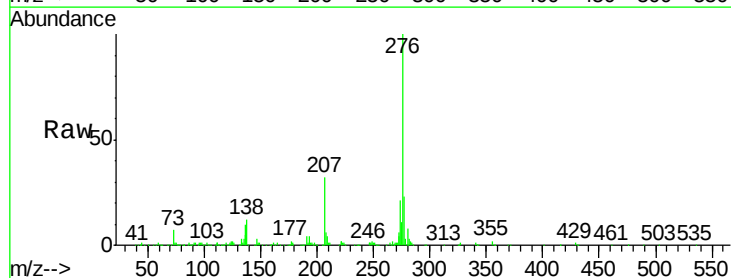
Tgt Ion:276 Resp: 711165

Ion Ratio Lower Upper

276 100

138 11.6 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

