

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014541.D
 Acq On : 13 Mar 2018 11:20
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02039

Quant Time: Mar 13 16:04:46 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	69298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	304647	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	178719	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	416008	20.00	ng/ul	0.00
75) Chrysene-d12	21.12	240	400104	20.00	ng/ul	0.00
83) Perylene-d12	23.29	264	337826	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	8989	5.55	ng/uL	0.00
5) Phenol-d5	6.69	99	105514	18.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	69842	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	84765	18.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	88628	17.29	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	44039	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	48584	20.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	87392	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	99400	20.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.56	166	302016	20.46	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	372778	20.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	29919	14.68	ng/ul	0.00
57) Fluorene-d10	15.14	176	257108	19.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	45149	18.09	ng/ul	0.00
70) Anthracene-d10	17.00	188	388180	19.34	ng/ul	0.00
76) Pyrene-d10	19.32	212	422874	20.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.15	264	325769	19.81	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.09	88	10127	5.630	ng/uL#	69
4) Benzaldehyde	6.65	77	57072	23.901	ng/ul	94
6) Phenol	6.72	94	107303	17.459	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.92	93	86361	19.366	ng/ul	98
10) 2-Chlorophenol	7.05	128	88640	19.331	ng/ul	97
11) 2-Methylphenol	7.94	108	85374	18.161	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.00	45	85539	19.008	ng/ul#	70
14) Acetophenone	8.30	105	155449	17.581	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.29	70	79578	17.960	ng/ul#	71
16) 4-Methylphenol	8.27	108	88499	17.276	ng/ul	94
17) Hexachloroethane	8.52	117	47754	19.992	ng/ul#	62
20) Nitrobenzene	8.68	77	130511	19.602	ng/ul	93
21) Isophorone	9.20	82	215867	18.954	ng/ul	99
23) 2-Nitrophenol	9.39	139	49830	19.744	ng/ul	87
24) 2,4-Dimethylphenol	9.46	107	121003	19.556	ng/ul#	91
25) Bis(2-Chloroethoxy)methane	9.68	93	117631	19.608	ng/ul	92
27) 2,4-Dichlorophenol	9.93	162	86171	18.818	ng/ul#	94
28) Naphthalene	10.29	128	301057	19.241	ng/ul	99
30) 4-Chloroaniline	10.44	127	100887	20.805	ng/ul	99
31) Hexachlorobutadiene	10.56	225	70222	19.328	ng/ul	94
32) Caprolactam	11.25	113	11103	7.570	ng/ul#	28
33) 4-Chloro-3-methylphenol	11.59	107	104371	18.863	ng/ul#	91
34) 2-Methylnaphthalene	11.92	142	220692	18.531	ng/ul	100

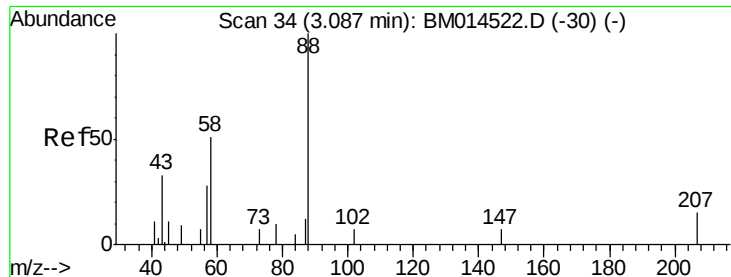
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.30	216	123047	21.448	ng/ul#	95
37) Hexachlorocyclopentadiene	12.26	237	47429	15.192	ng/ul	96
38) 2,4,6-Trichlorophenol	12.57	196	74091	20.700	ng/ul	95
39) 2,4,5-Trichlorophenol	12.66	196	73491	20.092	ng/ul	98
40) 1,1'-Biphenyl	12.96	154	300140	21.801	ng/ul	98
41) 2-Chloronaphthalene	13.00	162	236832	21.535	ng/ul	92
42) 2-Nitroaniline	13.25	65	77823	20.914	ng/ul	89
44) Dimethylphthalate	13.61	163	289816	19.914	ng/ul	98
45) 2,6-Dinitrotoluene	13.76	165	58104	21.014	ng/ul#	74
47) Acenaphthylene	13.86	152	359691	20.910	ng/ul	98
48) 3-Nitroaniline	14.10	138	44306	18.906	ng/ul	91
49) Acenaphthene	14.20	153	250353	20.669	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	21986	14.785	ng/ul#	71
52) 4-Nitrophenol	14.46	109	58767	21.997	ng/ul#	48
53) Dibenzofuran	14.55	168	350288	19.287	ng/ul	89
54) 2,4-Dinitrotoluene	14.57	165	90659	20.464	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	14.79	232	71171	19.241	ng/ul#	74
56) Diethylphthalate	14.99	149	322213	19.868	ng/ul#	92
58) Fluorene	15.20	166	289049	18.435	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.20	204	148245	18.076	ng/ul#	87
60) 4-Nitroaniline	15.27	138	41485	15.785	ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	15.34	198	46837	18.440	ng/ul#	82
64) N-Nitrosodiphenylamine	15.42	169	241658	20.214	ng/ul	95
65) 4-Bromophenyl-phenylether	16.09	248	92293	19.882	ng/ul#	83
66) Hexachlorobenzene	16.21	284	95324	19.527	ng/ul#	79
67) Atrazine	16.39	200	93454	19.794	ng/ul	99
68) Pentachlorophenol	16.58	266	37136	14.517	ng/ul#	89
69) Phenanthrene	16.94	178	466629	19.468	ng/ul	97
71) Anthracene	17.04	178	470055	19.500	ng/ul	98
72) Carbazole	17.33	167	370777	18.293	ng/ul	99
73) Di-n-butylphthalate	17.88	149	505443	19.329	ng/ul	100
74) Fluoranthene	18.98	202	531820	18.572	ng/ul#	95
77) Pyrene	19.34	202	539686	20.297	ng/ul#	94
78) Butylbenzylphthalate	20.26	149	230975	21.009	ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.05	252	154715	21.994	ng/ul#	94
80) Benzo(a)anthracene	21.11	228	493539	19.765	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.03	149	314729	19.988	ng/ul#	96
82) Chrysene	21.16	228	465080	19.965	ng/ul	97
84) Di-n-octyl phthalate	21.89	149	494486	17.058	ng/ul#	89
85) Benzo(b)fluoranthene	22.69	252	400634	17.711	ng/ul	99
86) Benzo(k)fluoranthene	22.69	252	400634	18.629	ng/ul#	98
88) Benzo(a)pyrene	23.20	252	393777	19.481	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.44	276	438099	22.335	ng/ul	97
90) Dibenzo(a,h)anthracene	25.44	278	361474	22.179	ng/ul#	98
91) Benzo(g,h,i)perylene	26.10	276	359030	22.595	ng/ul	97

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



#2

1,4-Dioxane

Concen: 5.630 ng/uL

RT: 3.09 min Scan# 34

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

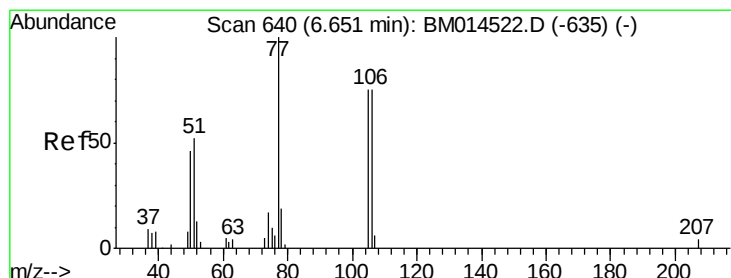
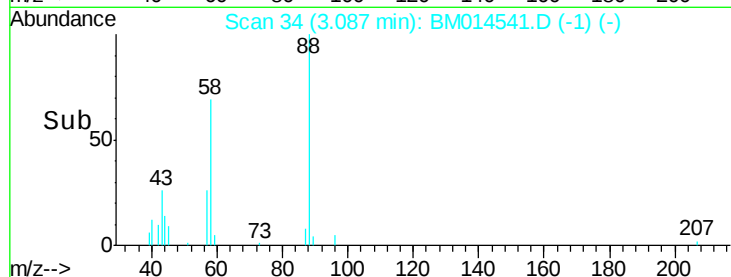
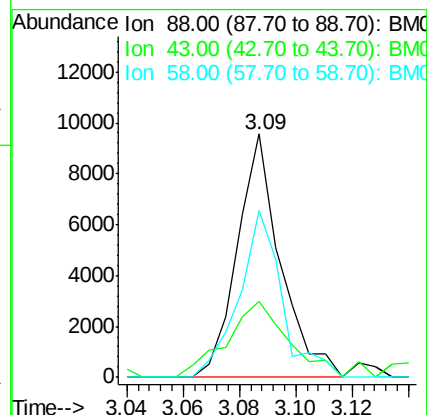
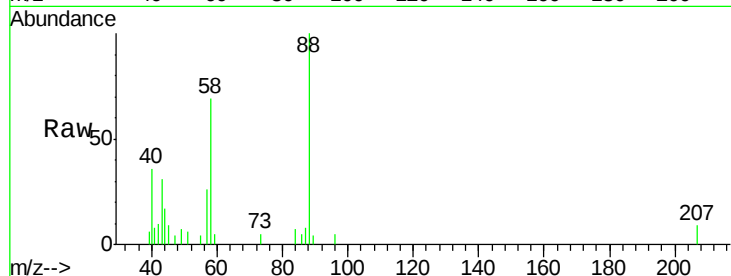
Tot Ion: 88 Resp: 10127

Ion Ratio Lower Upper

88 100

43 44.4 48.0 72.0#

58 62.5 80.0 120.0#



#4

Benzaldehyde

Concen: 23.901 ng/uL

RT: 6.65 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

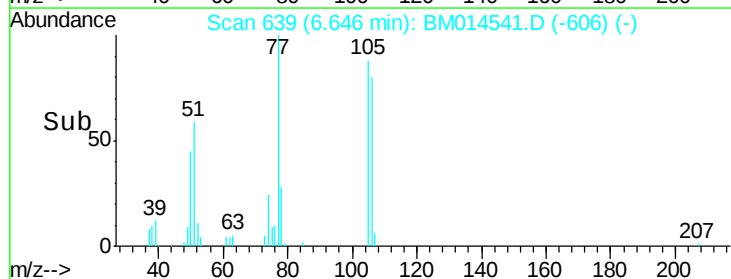
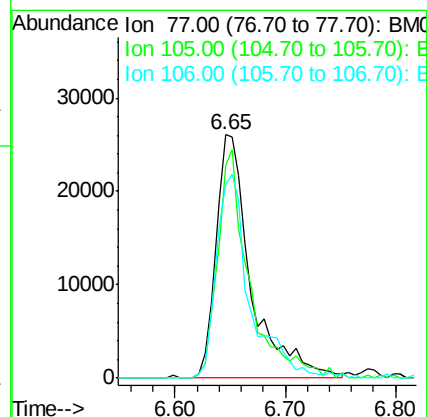
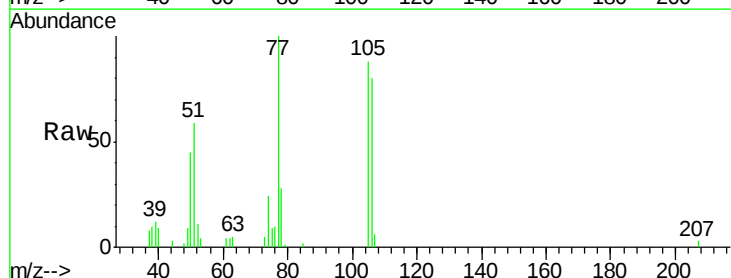
Tgt Ion: 77 Resp: 57072

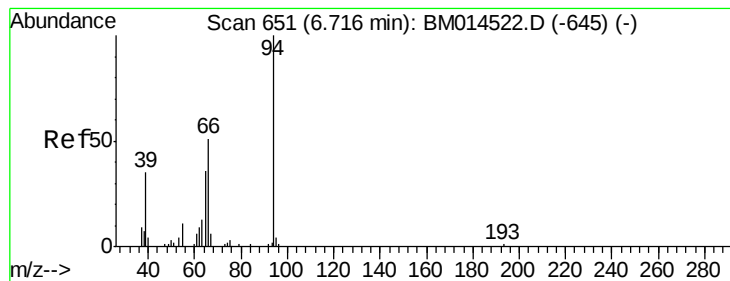
Ion Ratio Lower Upper

77 100

105 87.6 66.1 99.1

106 79.8 67.8 101.6





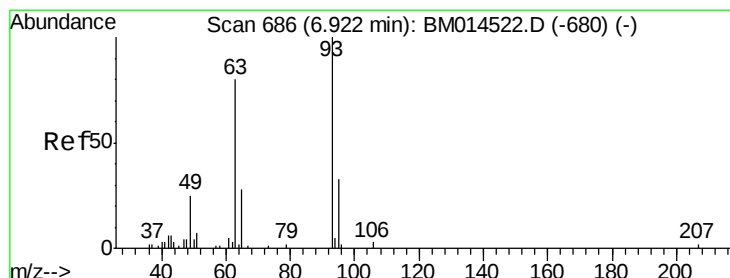
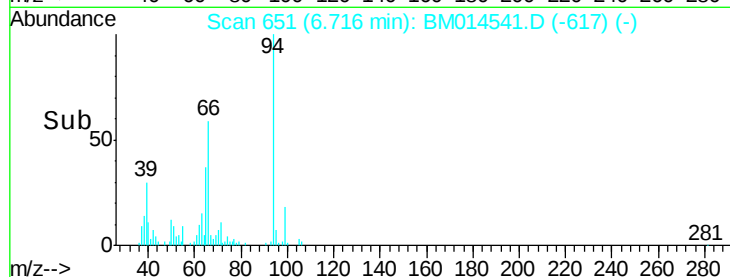
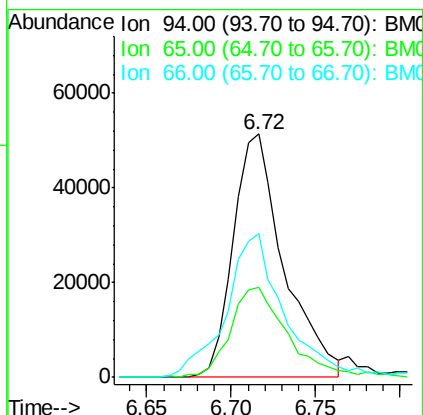
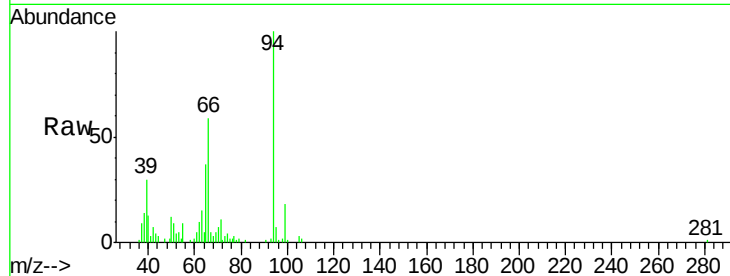
#6

Phenol

Concen: 17.459 ng/ul
 RT: 6.72 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

Instrument :
 BNA_M
 ClientSampleId :
 SST02039

Tot Ion: 94 Resp: 107303
 Ion Ratio Lower Upper
 94 100
 65 36.8 28.2 42.4
 66 59.2 47.2 70.8

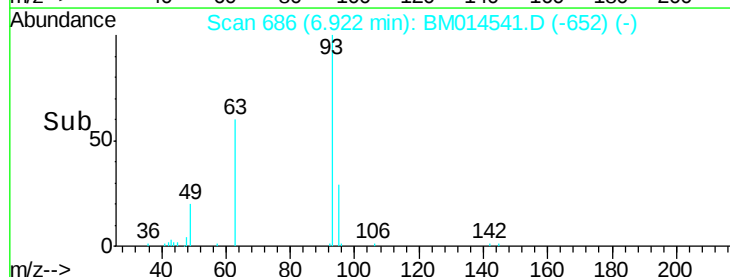
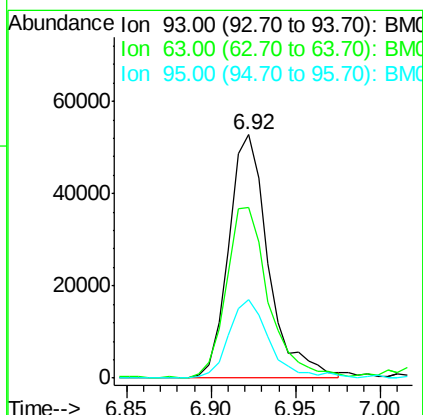
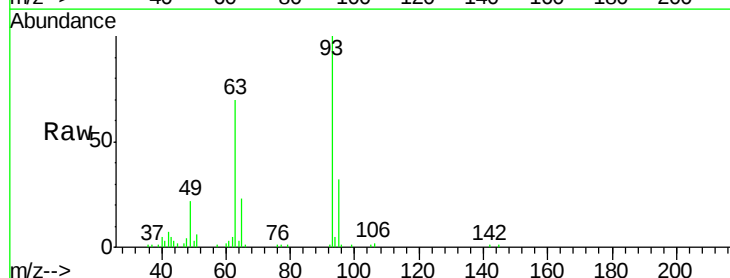


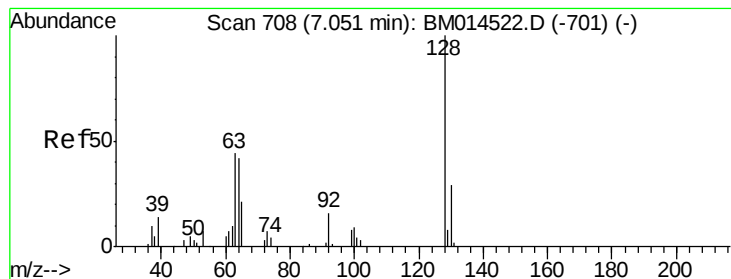
#8

Bis(2-Chloroethyl)ether

Concen: 19.366 ng/ul
 RT: 6.92 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

Tgt Ion: 93 Resp: 86361
 Ion Ratio Lower Upper
 93 100
 63 70.1 57.3 85.9
 95 32.0 26.6 39.8





#10

2-Chlorophenol

Concen: 19.331 ng/ul

RT: 7.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

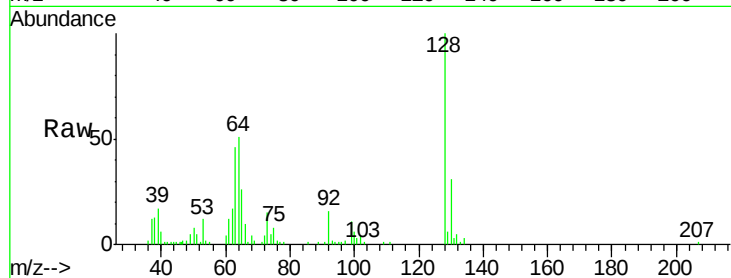
Tot Ion:128 Resp: 88640

Ion Ratio Lower Upper

128 100

64 51.0 38.0 57.0

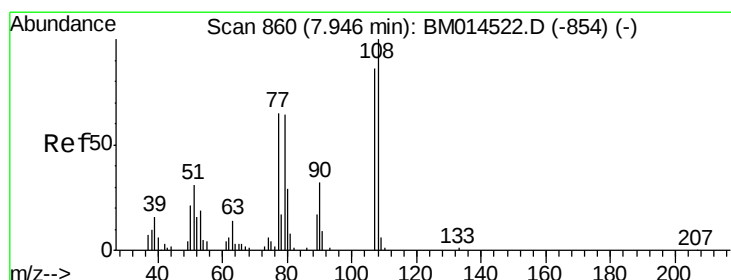
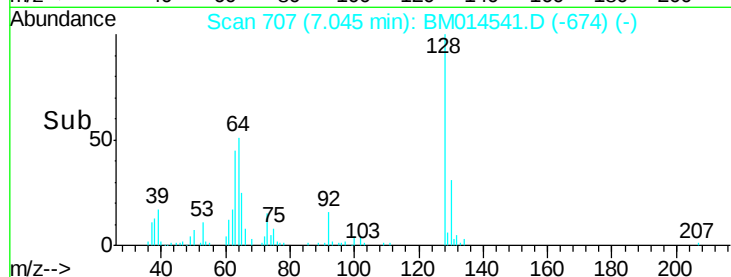
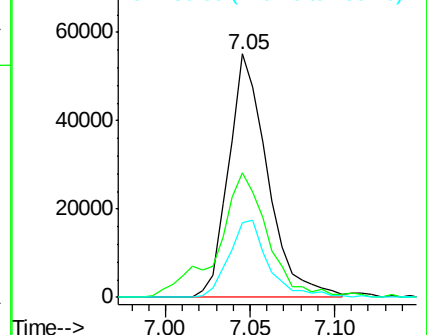
130 30.5 24.4 36.6



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: 18.161 ng/ul

RT: 7.94 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM014541.D

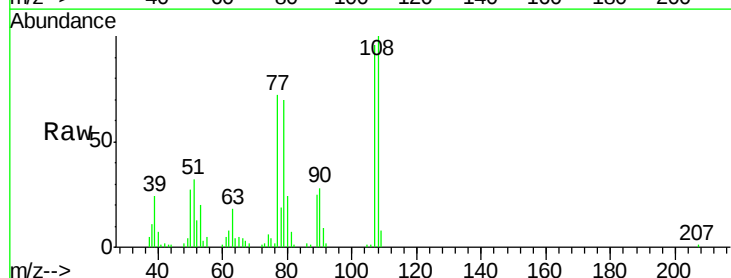
Acq: 13 Mar 2018 11:20

Tgt Ion:108 Resp: 85374

Ion Ratio Lower Upper

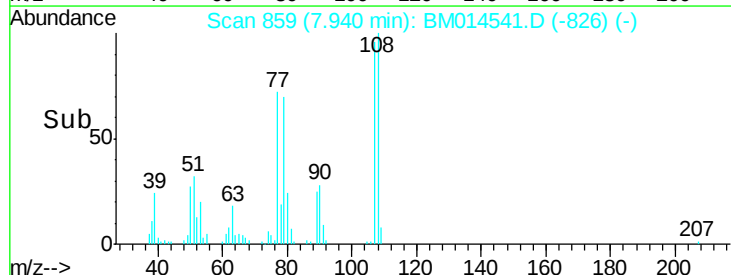
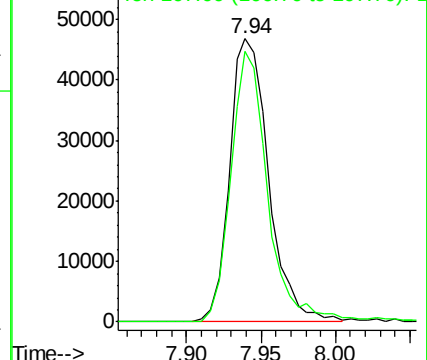
108 100

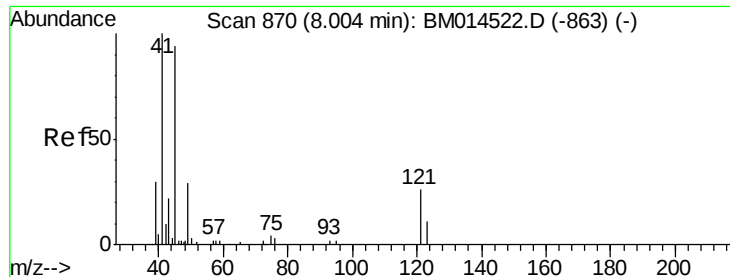
107 95.7 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

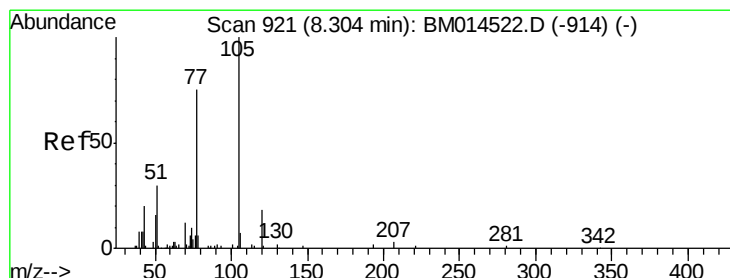
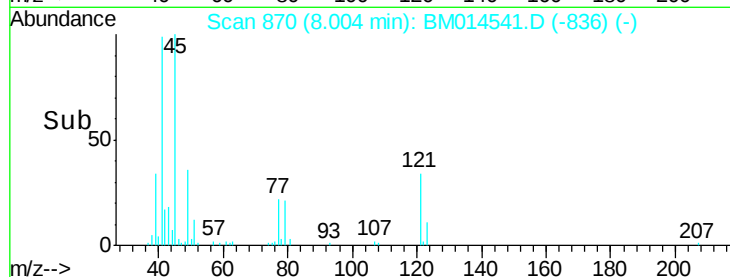
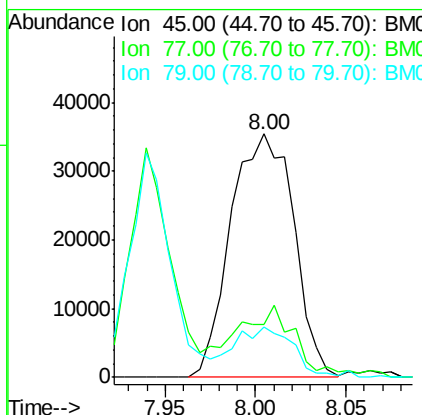
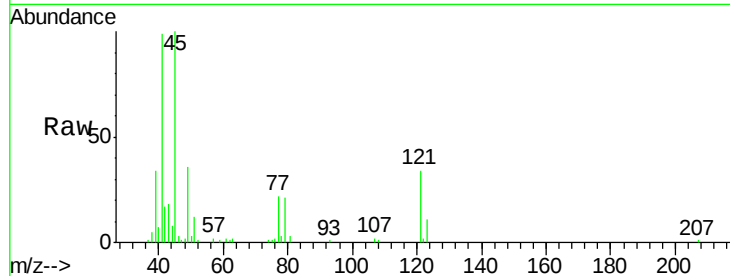




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.008 ng/ul
RT: 8.00 min Scan# 870
Delta R.T. -0.00 min
Lab File: BM014541.D
Acq: 13 Mar 2018 11:20

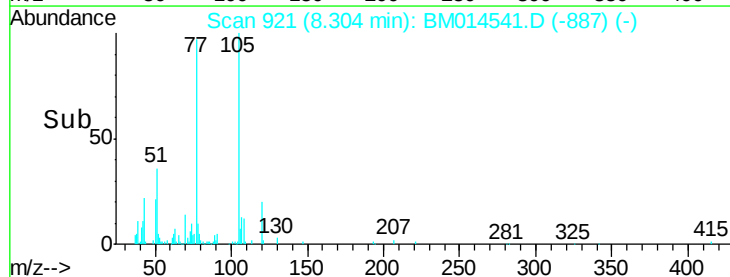
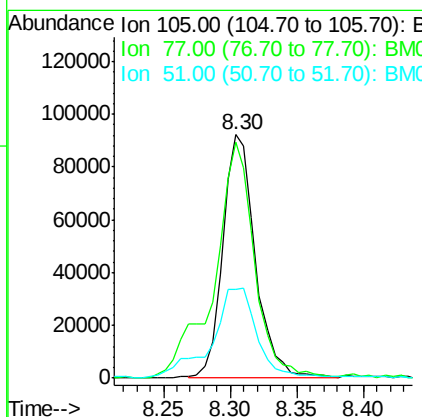
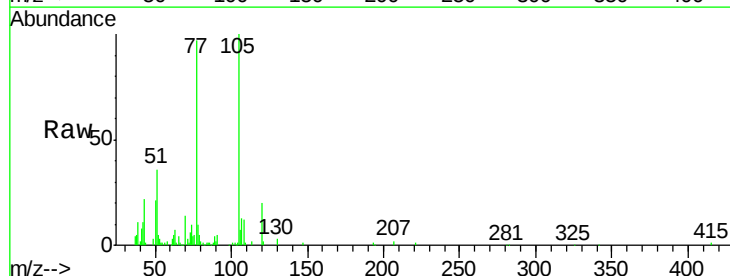
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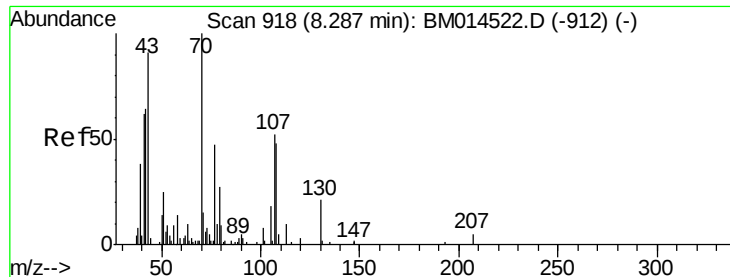
Tot Ion: 45 Resp: 85539
Ion Ratio Lower Upper
45 100
77 21.8 8.0 12.0#
79 20.7 8.0 12.0#



#14
Acetophenone
Concen: 17.581 ng/ul
RT: 8.30 min Scan# 921
Delta R.T. -0.00 min
Lab File: BM014541.D
Acq: 13 Mar 2018 11:20

Tgt Ion:105 Resp: 155449
Ion Ratio Lower Upper
105 100
77 96.8 74.2 111.4
51 36.4 23.4 35.2#





#15

N-Nitroso-di-n-propylamine

Concen: 17.960 ng/ul

RT: 8.29 min Scan# 918

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

Tot Ion: 70 Resp: 79578

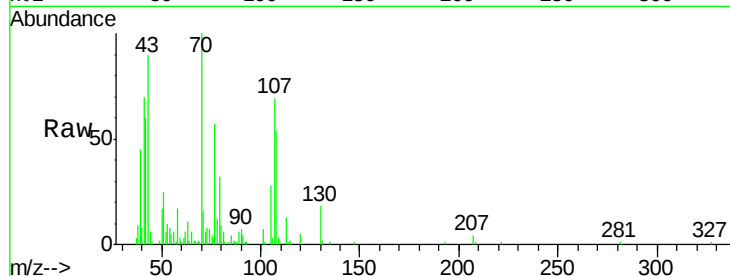
Ion Ratio Lower Upper

70 100

42 59.8 76.0 114.0#

101 6.8 6.7 10.1

130 18.0 14.6 22.0

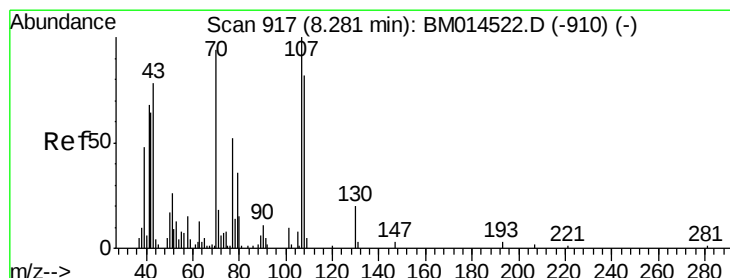
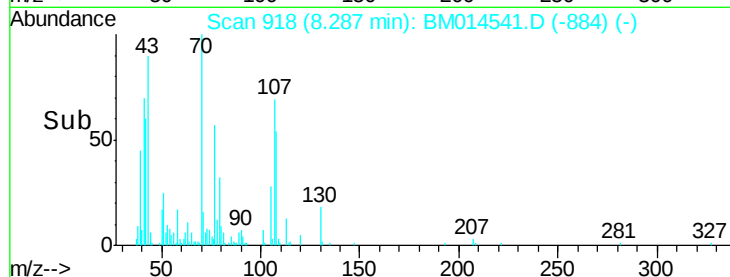
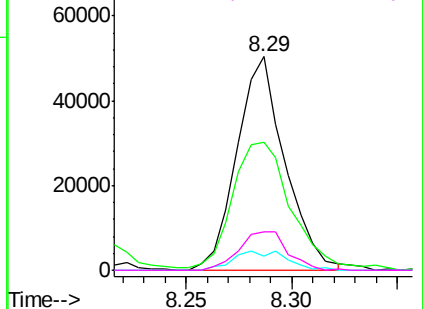


Abundance Ion 70.00 (69.70 to 70.70): BM014541.D (-884) (-)

Ion 42.00 (41.70 to 42.70): BM014541.D (-884) (-)

Ion 101.00 (100.70 to 101.70): BM014541.D (-884) (-)

Ion 130.00 (129.70 to 130.70): BM014541.D (-884) (-)



#16

4-Methylphenol

Concen: 17.276 ng/ul

RT: 8.27 min Scan# 916

Delta R.T. -0.01 min

Lab File: BM014541.D

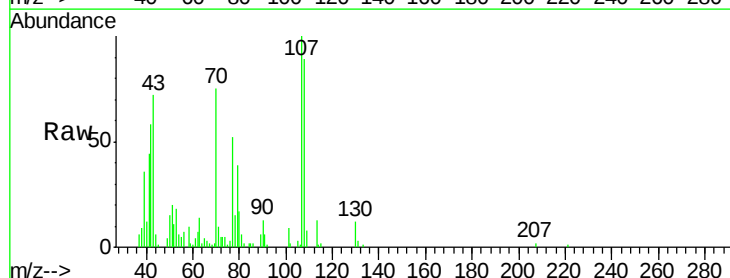
Acq: 13 Mar 2018 11:20

Tgt Ion:108 Resp: 88499

Ion Ratio Lower Upper

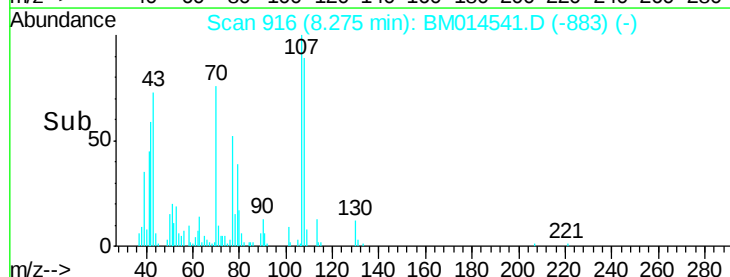
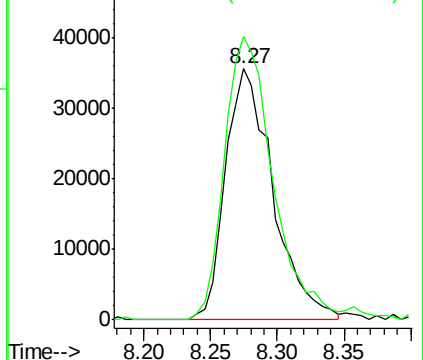
108 100

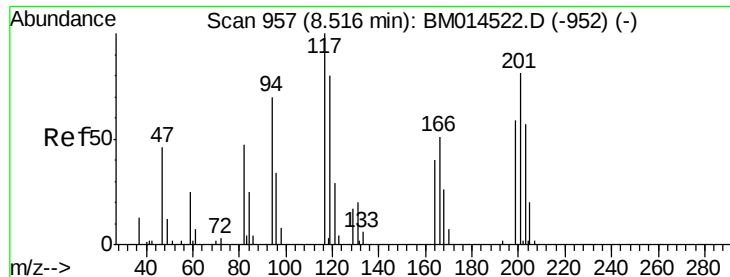
107 112.8 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM014541.D (-883) (-)

Ion 107.00 (106.70 to 107.70): BM014541.D (-883) (-)

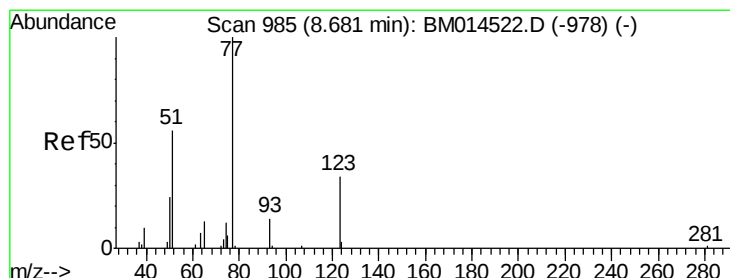
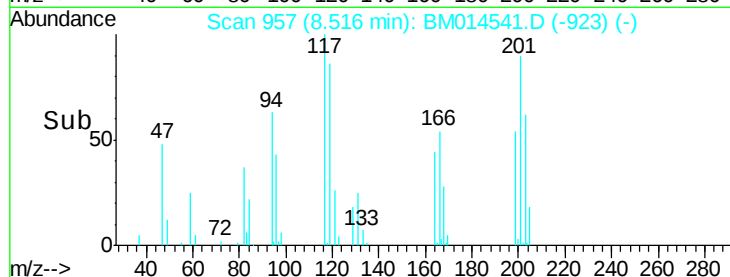
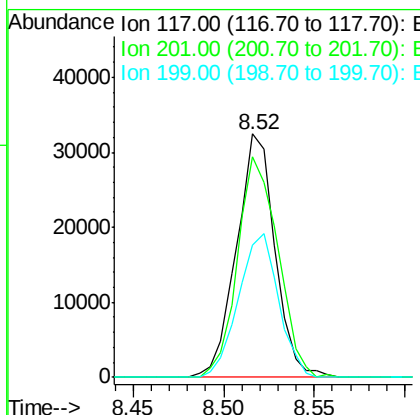
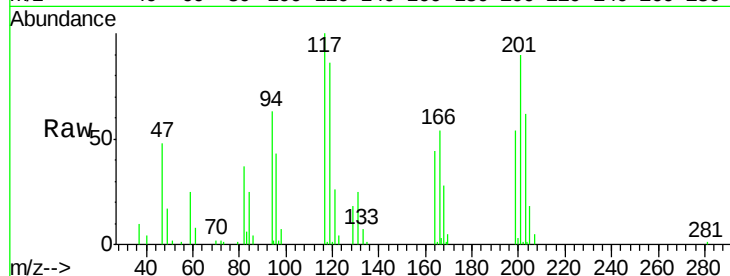




#17
Hexachloroethane
Concen: 19.992 ng/ul
RT: 8.52 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM014541.D
Acq: 13 Mar 2018 11:20

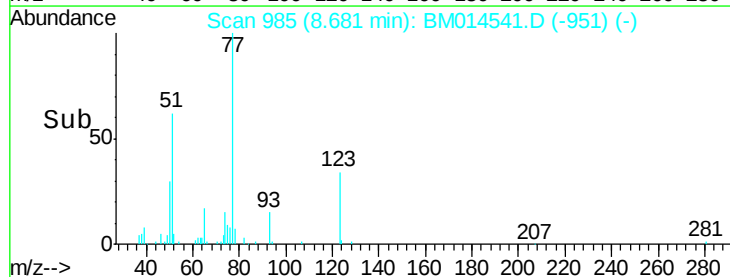
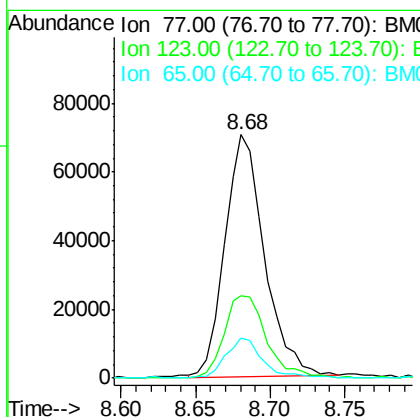
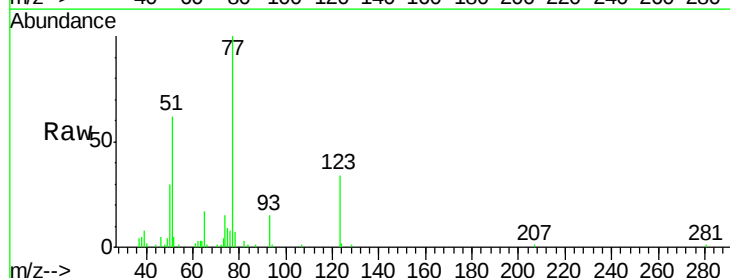
Instrument :
BNA_M
ClientSampleId :
SSTD02039

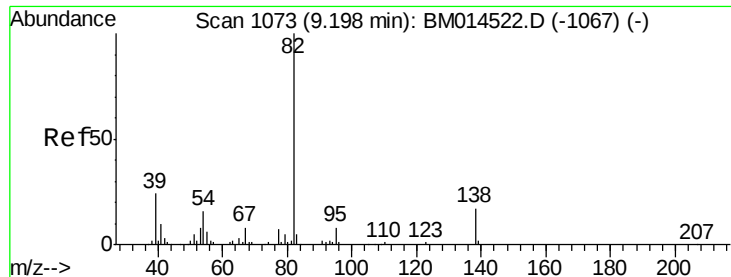
Tot Ion:117 Resp: 47754
Ion Ratio Lower Upper
117 100
201 90.3 111.6 167.4#
199 54.1 67.8 101.6#



#20
Nitrobenzene
Concen: 19.602 ng/ul
RT: 8.68 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM014541.D
Acq: 13 Mar 2018 11:20

Tgt Ion: 77 Resp: 130511
Ion Ratio Lower Upper
77 100
123 33.6 31.0 46.6
65 16.5 12.2 18.2





#21

Isophorone

Concen: 18.954 ng/ul

RT: 9.20 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

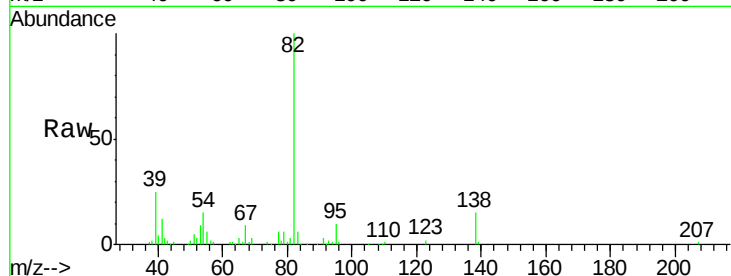
Tot Ion: 82 Resp: 215867

Ion Ratio Lower Upper

82 100

95 10.3 7.8 11.8

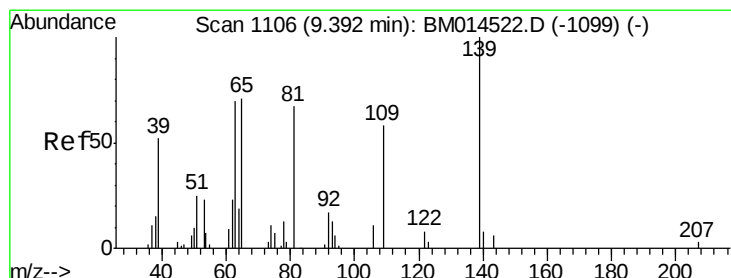
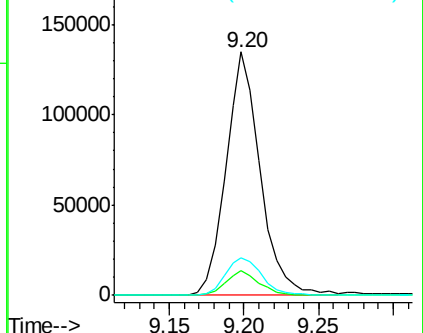
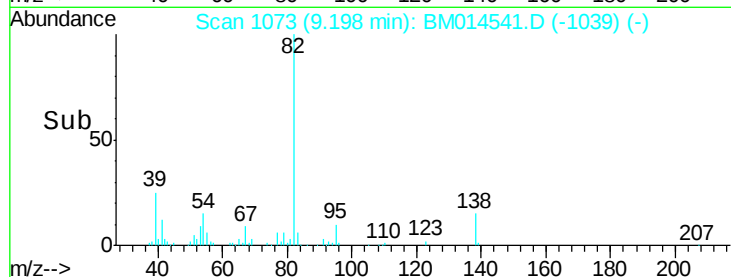
138 15.3 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM014541.D (-1039) (-)

Ion 95.00 (94.70 to 95.70): BM014541.D (-1039) (-)

Ion 138.00 (137.70 to 138.70): BM014541.D (-1039) (-)



#23

2-Nitrophenol

Concen: 19.744 ng/ul

RT: 9.39 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

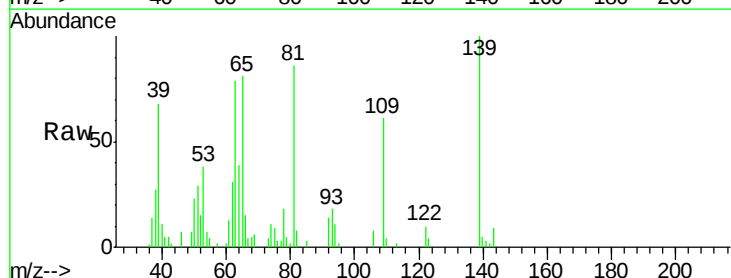
Tgt Ion: 139 Resp: 49830

Ion Ratio Lower Upper

139 100

65 81.4 55.4 83.0

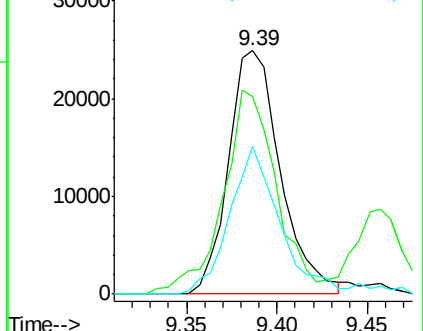
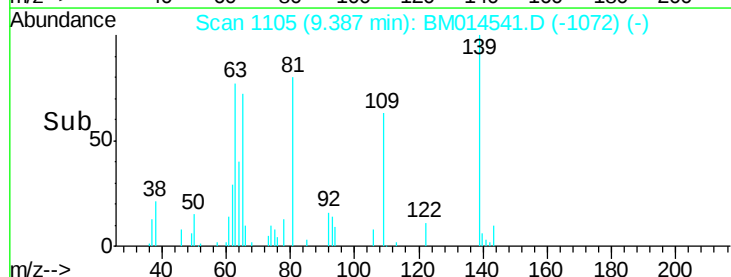
109 60.8 42.2 63.2

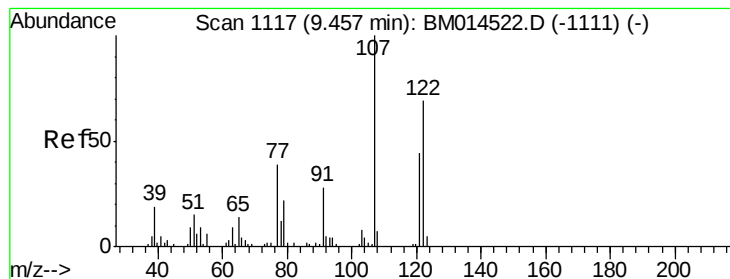


Abundance Ion 139.00 (138.70 to 139.70): BM014541.D (-1072) (-)

Ion 65.00 (64.70 to 65.70): BM014541.D (-1072) (-)

Ion 109.00 (108.70 to 109.70): BM014541.D (-1072) (-)





#24

2,4-Dimethylphenol

Concen: 19.556 ng/ul

RT: 9.46 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

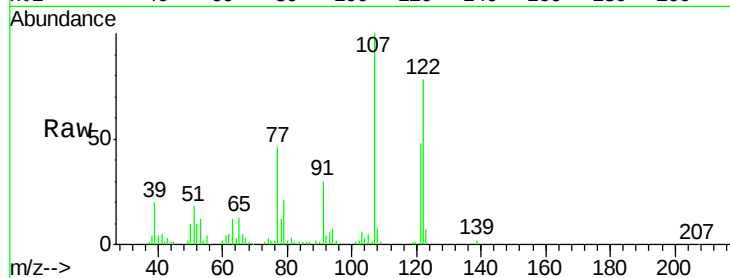
Tot Ion:107 Resp: 121003

Ion Ratio Lower Upper

107 100

121 48.4 31.9 47.9#

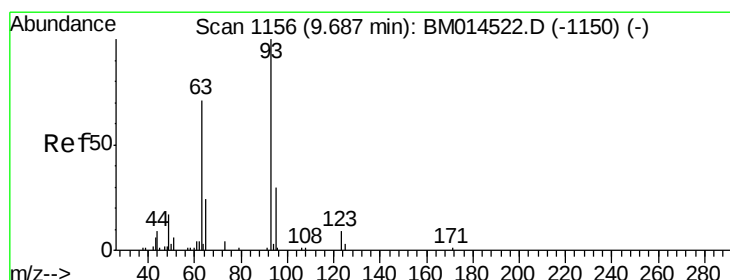
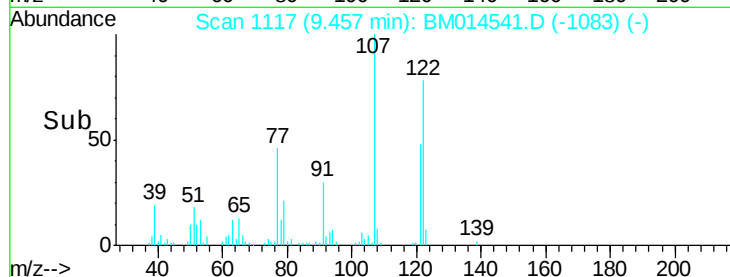
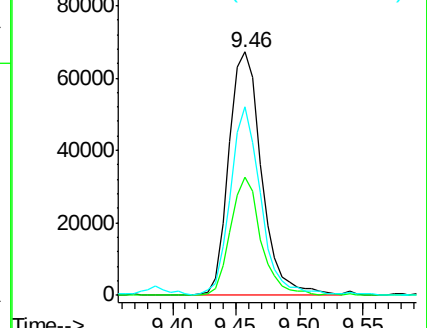
122 77.6 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.608 ng/ul

RT: 9.68 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

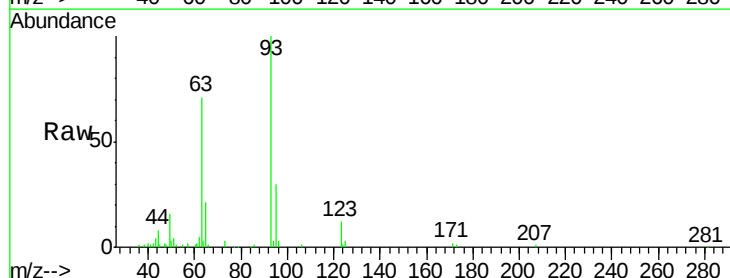
Tgt Ion: 93 Resp: 117631

Ion Ratio Lower Upper

93 100

95 29.8 28.5 42.7

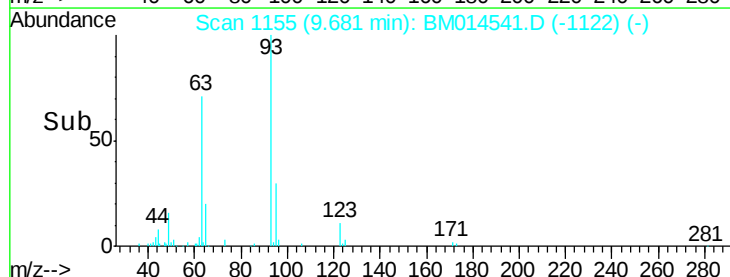
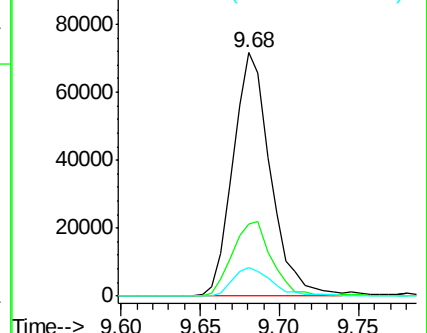
123 12.0 8.9 13.3

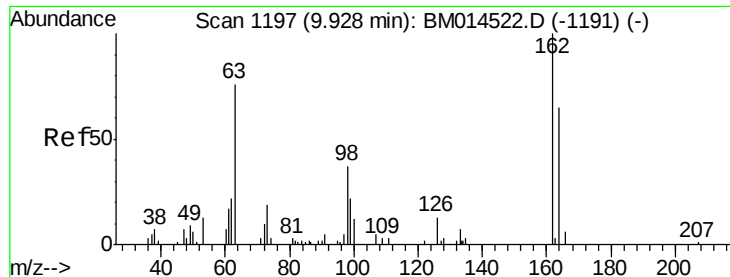


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 18.818 ng/ul

RT: 9.93 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

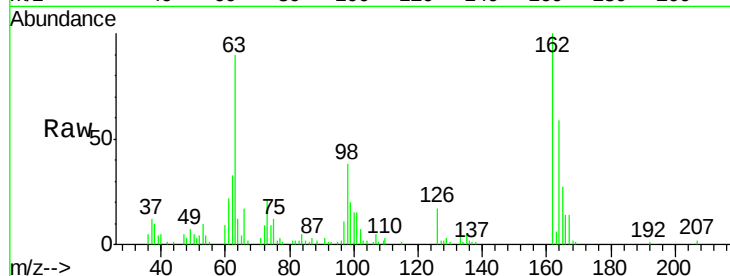
Tot Ion:162 Resp: 86171

Ion Ratio Lower Upper

162 100

164 58.8 47.8 71.6

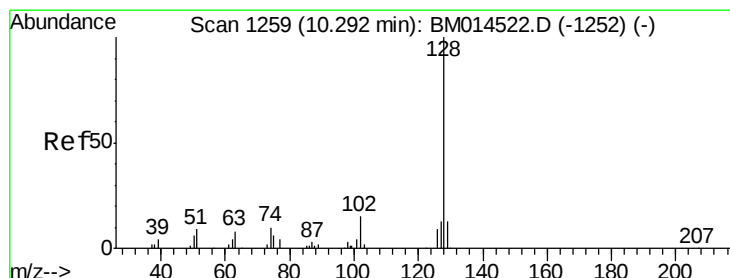
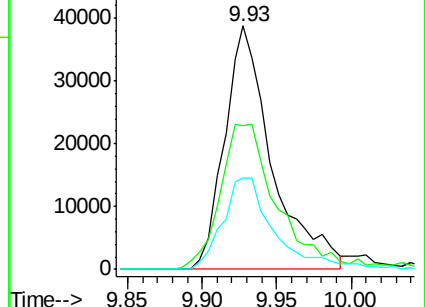
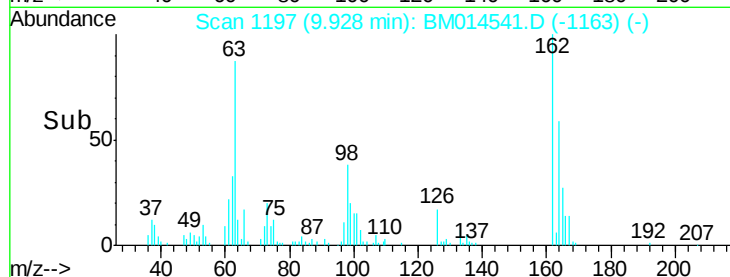
98 37.7 23.0 34.4#



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: 19.241 ng/ul

RT: 10.29 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

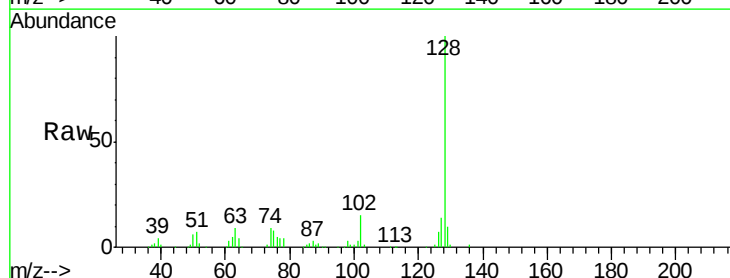
Tgt Ion:128 Resp: 301057

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

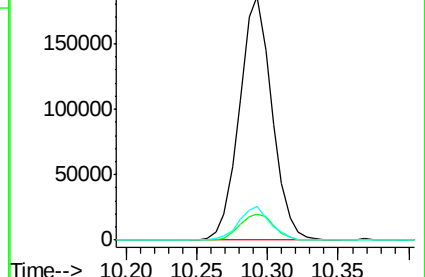
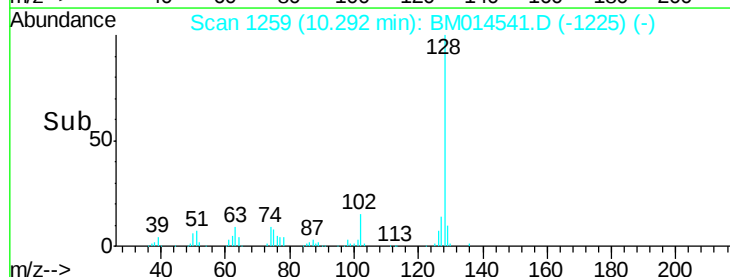
127 13.8 10.6 16.0

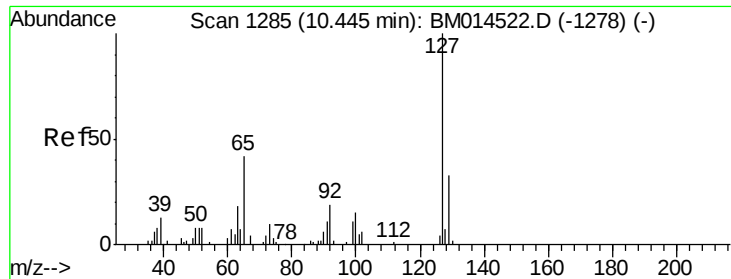


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

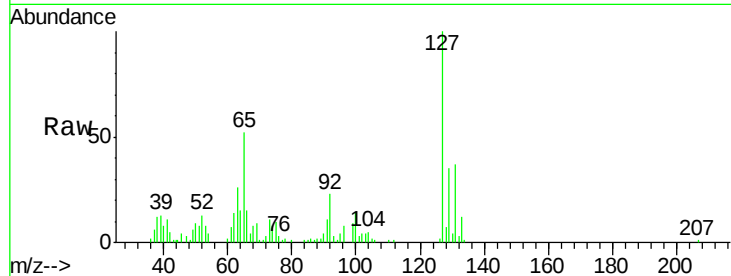




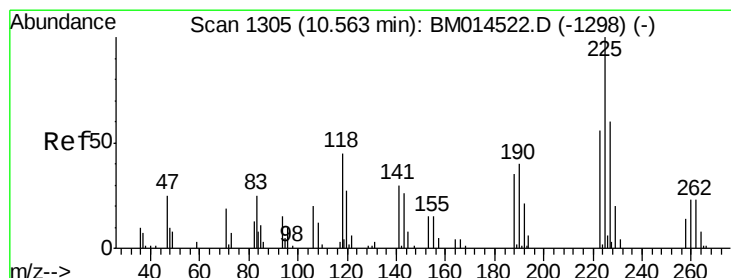
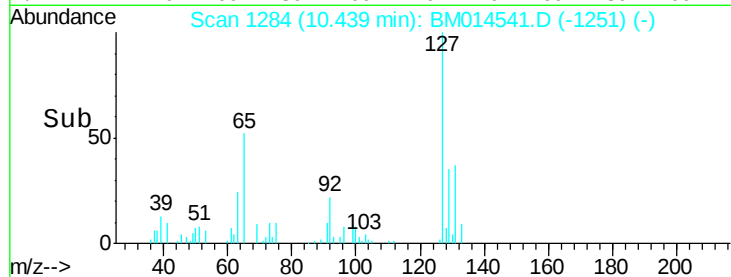
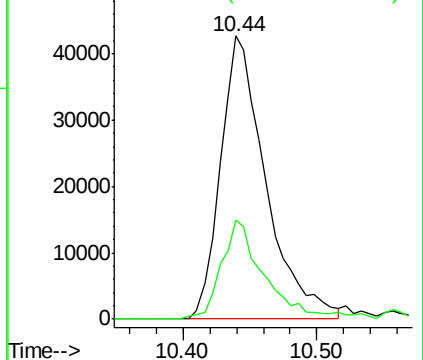
#30
4-Chloroaniline
Concen: 20.805 ng/ul
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BM014541.D
Acq: 13 Mar 2018 11:20

Instrument :
BNA_M
ClientSampleId :
SSTD02039

Tot Ion:127 Resp: 100887
Ion Ratio Lower Upper
127 100
129 34.9 28.4 42.6

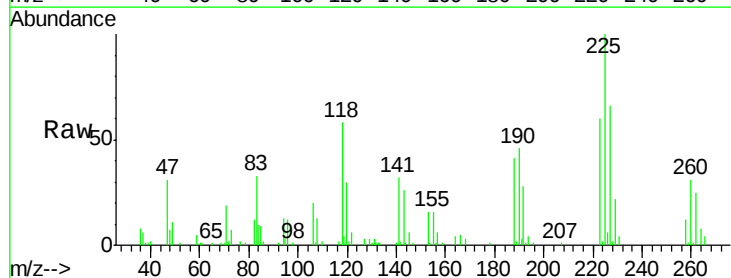


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

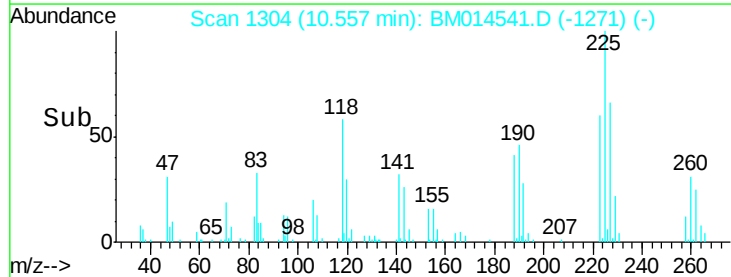
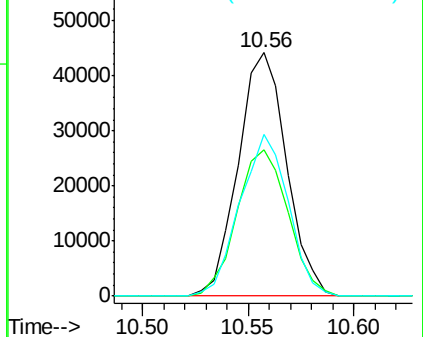


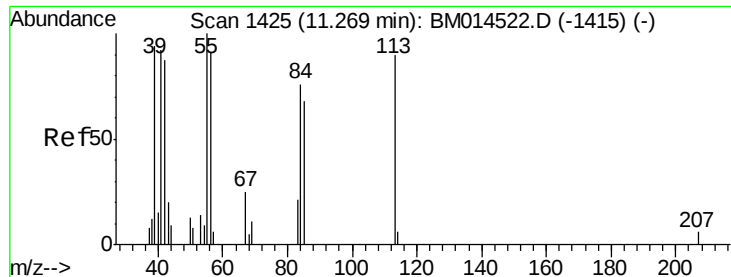
#31
Hexachlorobutadiene
Concen: 19.328 ng/ul
RT: 10.56 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BM014541.D
Acq: 13 Mar 2018 11:20

Tgt Ion:225 Resp: 70222
Ion Ratio Lower Upper
225 100
223 62.1 49.4 74.2
227 66.3 45.4 68.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

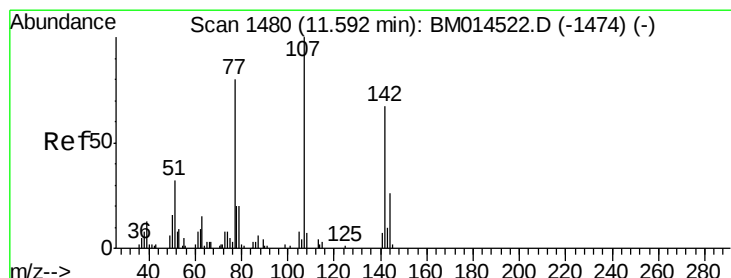
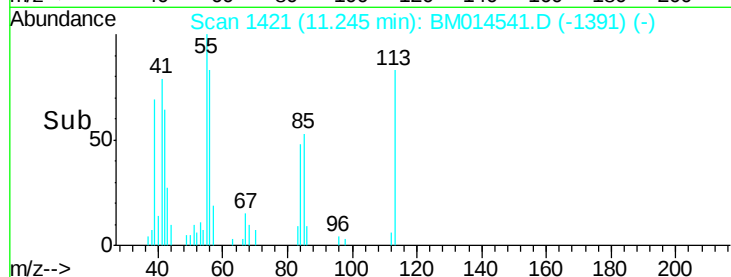
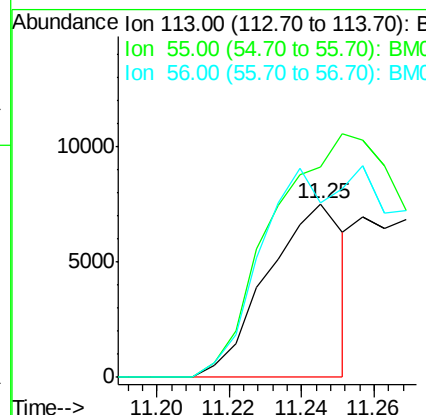
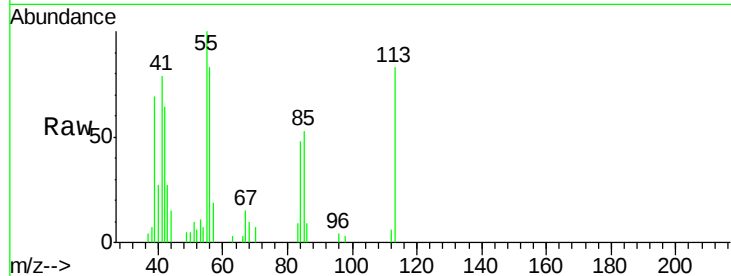




#32
 Caprolactam
 Concen: 7.570 ng/ul
 RT: 11.25 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

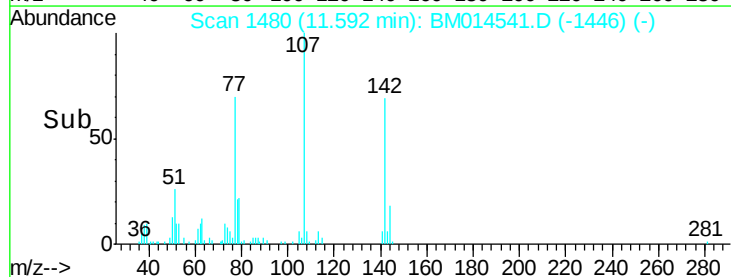
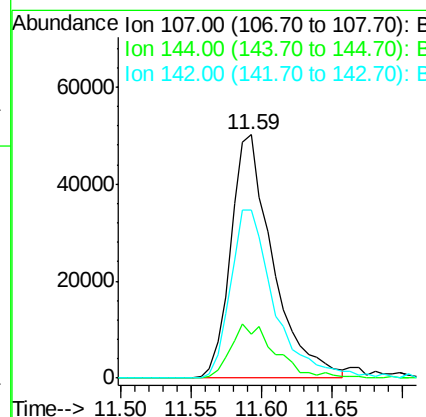
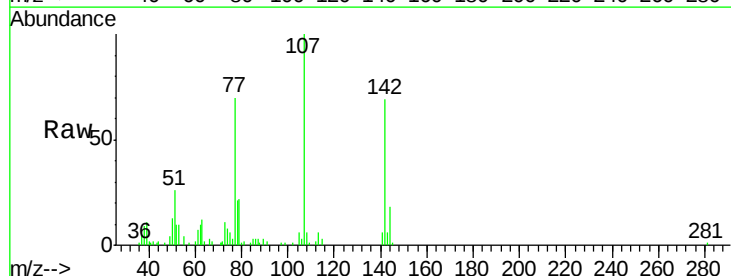
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02039

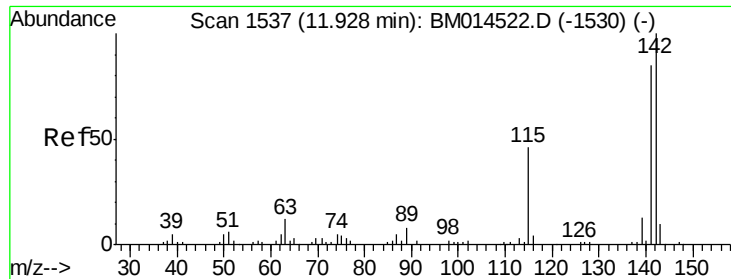
Tot Ion:113 Resp: 11103
 Ion Ratio Lower Upper
 113 100
 55 120.8 208.0 312.0#
 56 100.7 160.0 240.0#



#33
 4-Chloro-3-methylphenol
 Concen: 18.863 ng/ul
 RT: 11.59 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

Tgt Ion:107 Resp: 104371
 Ion Ratio Lower Upper
 107 100
 144 18.1 20.4 30.6#
 142 69.0 60.5 90.7

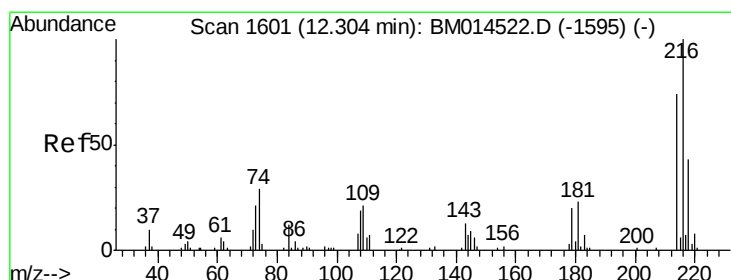
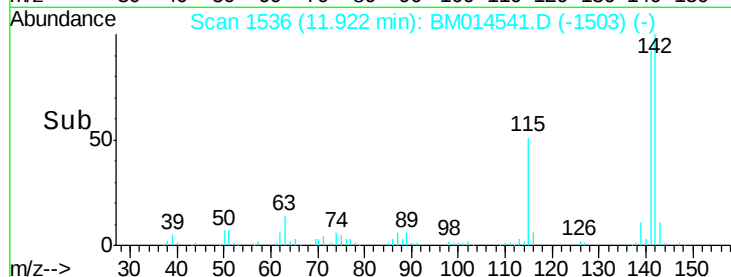
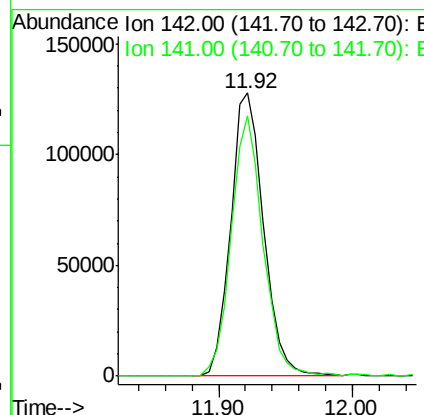
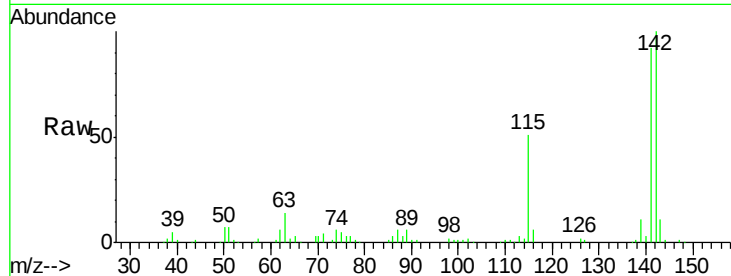




#34
 2-Methylnaphthalene
 Concen: 18.531 ng/ul
 RT: 11.92 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

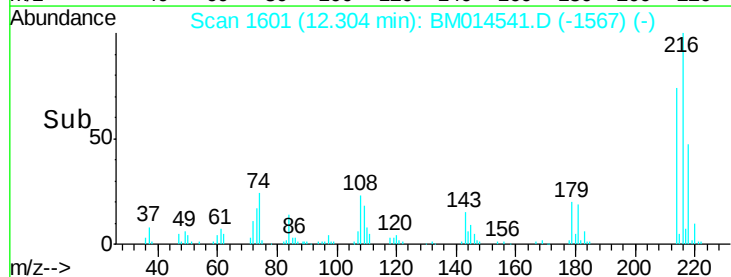
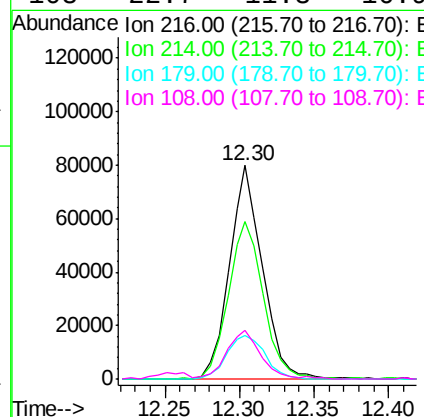
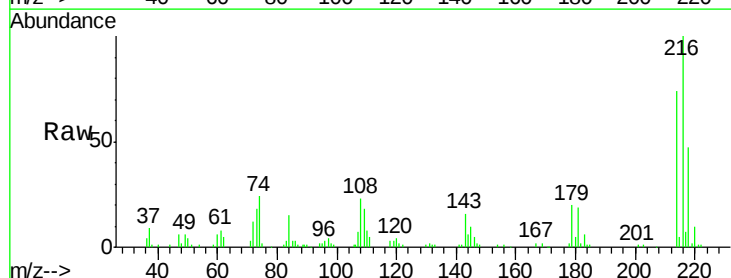
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02039

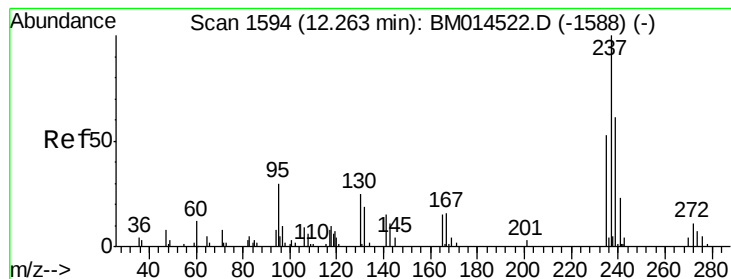
Tot Ion:142 Resp: 220692
 Ion Ratio Lower Upper
 142 100
 141 92.2 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.448 ng/ul
 RT: 12.30 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

Tgt Ion:216 Resp: 123047
 Ion Ratio Lower Upper
 216 100
 214 73.6 60.6 90.8
 179 20.2 17.5 26.3
 108 22.7 11.3 16.9#





#37

Hexachlorocyclopentadiene

Concen: 15.192 ng/ul

RT: 12.26 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

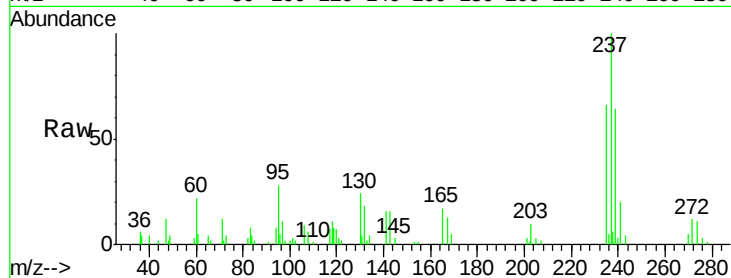
Tot Ion:237 Resp: 47429

Ion Ratio Lower Upper

237 100

235 65.6 50.2 75.4

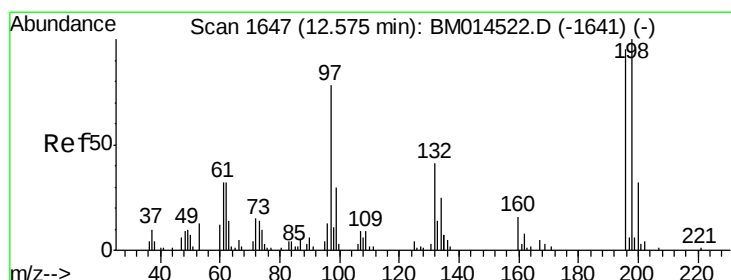
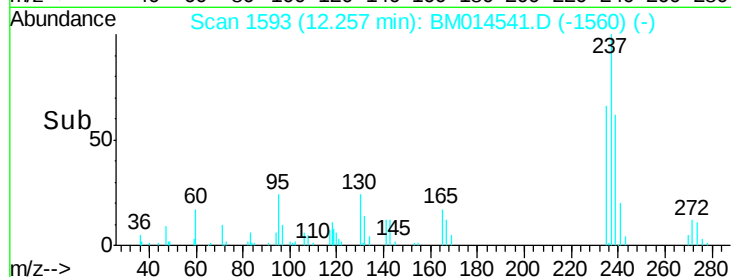
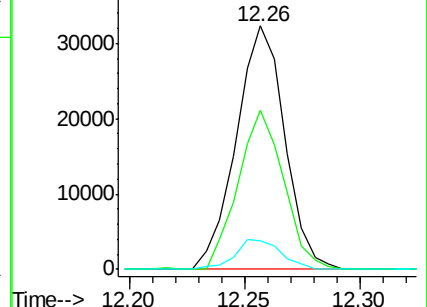
272 11.8 11.0 16.6



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: 20.700 ng/ul

RT: 12.57 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

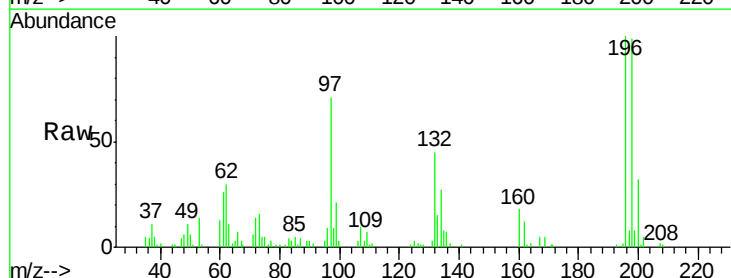
Tgt Ion:196 Resp: 74091

Ion Ratio Lower Upper

196 100

198 98.8 74.1 111.1

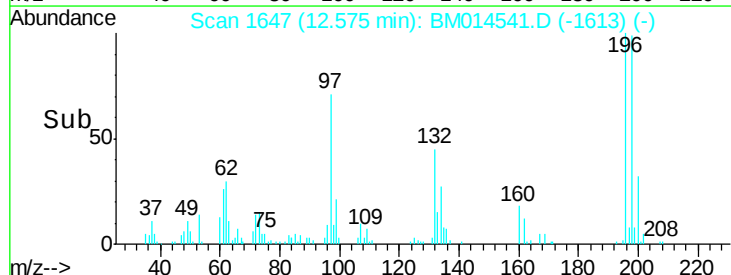
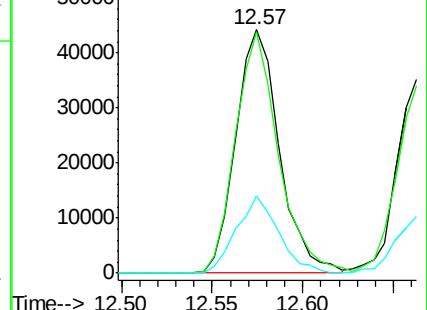
200 31.5 25.2 37.8

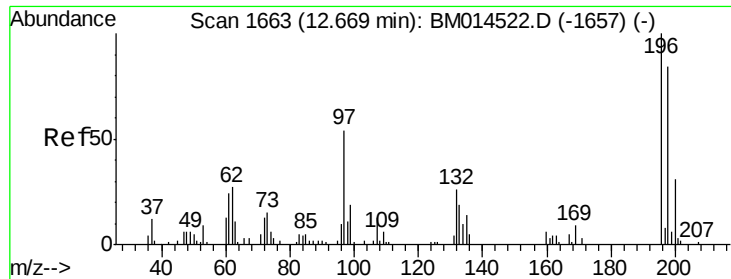


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

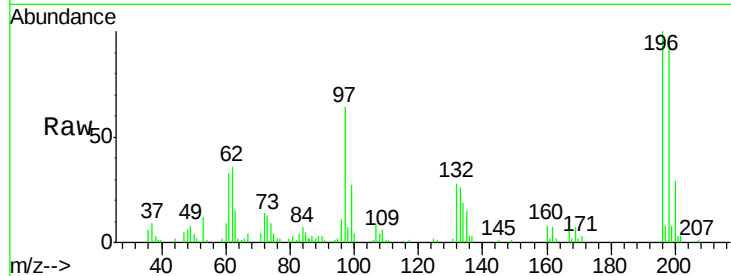




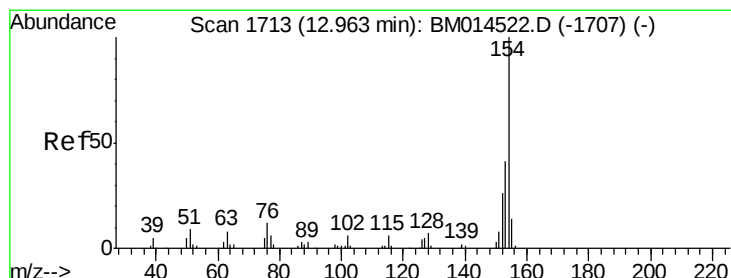
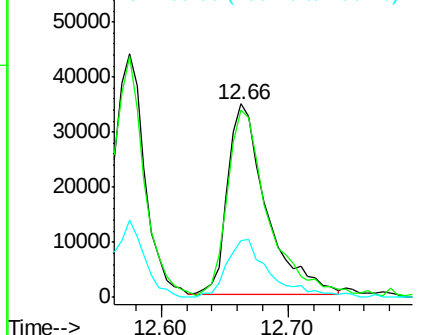
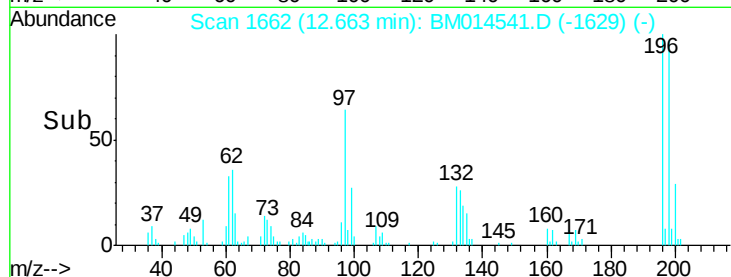
#39
 2,4,5-Trichlorophenol
 Concen: 20.092 ng/ul
 RT: 12.66 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02039

Tot Ion:196 Resp: 73491
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.6 113.4
 200 32.8 25.5 38.3

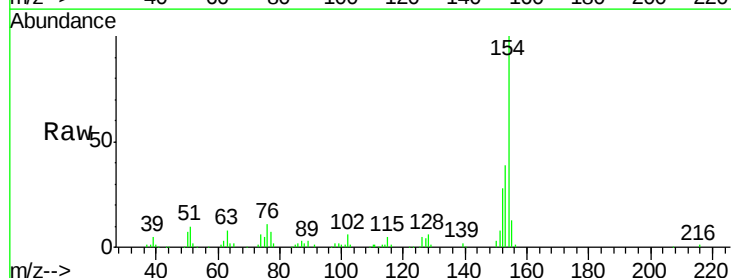


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

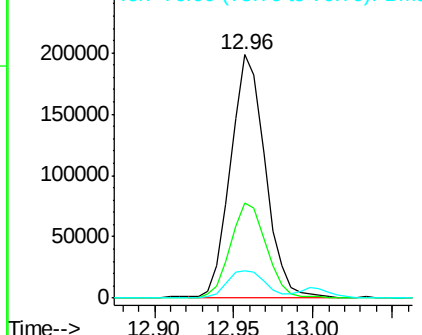
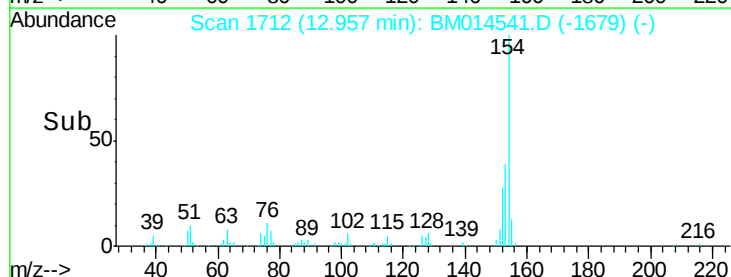


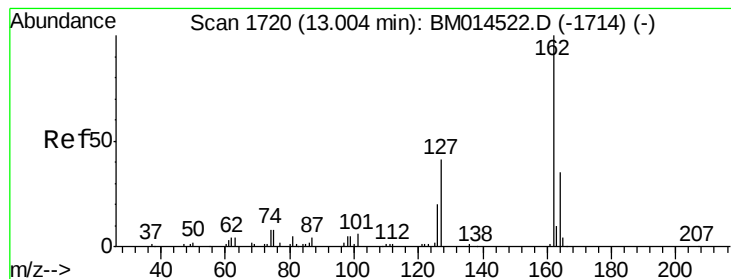
#40
 1,1'-Biphenyl
 Concen: 21.801 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

Tgt Ion:154 Resp: 300140
 Ion Ratio Lower Upper
 154 100
 153 39.0 32.6 48.8
 76 11.2 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

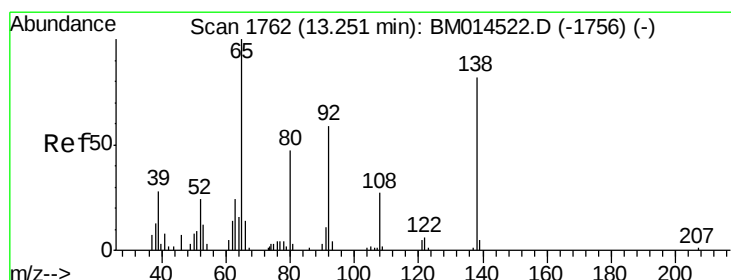
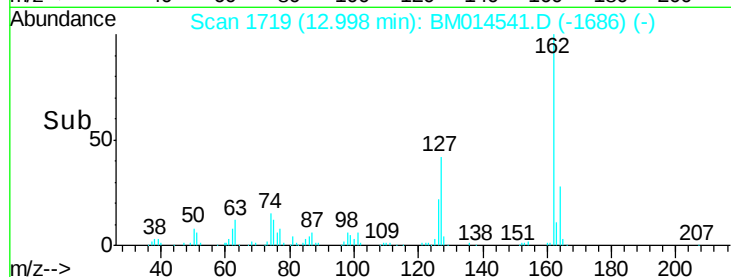
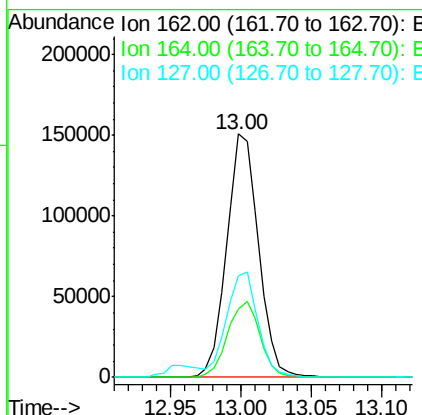
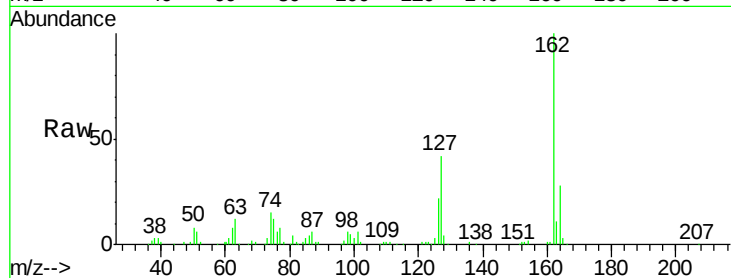




#41
 2-Chloronaphthalene
 Concen: 21.535 ng/ul
 RT: 13.00 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

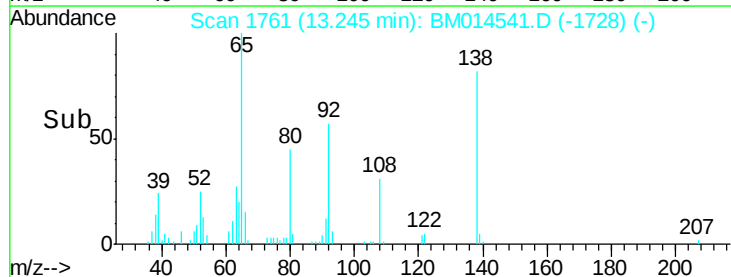
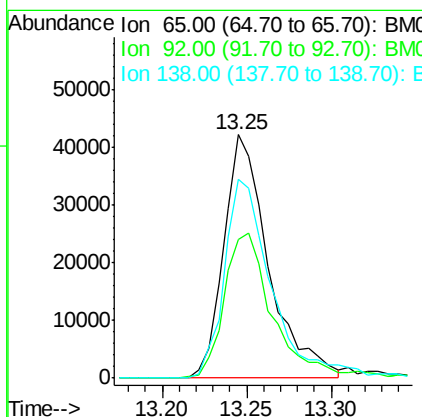
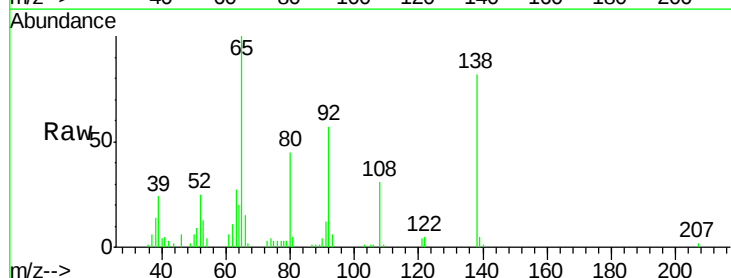
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02039

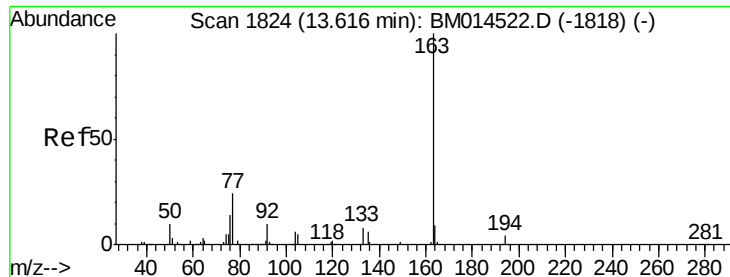
Tot Ion	Ratio	Lower	Upper
162	100		
164	28.2	25.9	38.9
127	41.9	29.4	44.2



#42
 2-Nitroaniline
 Concen: 20.914 ng/ul
 RT: 13.25 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.1	51.8	77.6
138	81.9	74.2	111.4





#44

Dimethylphthalate

Concen: 19.914 ng/ul

RT: 13.61 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

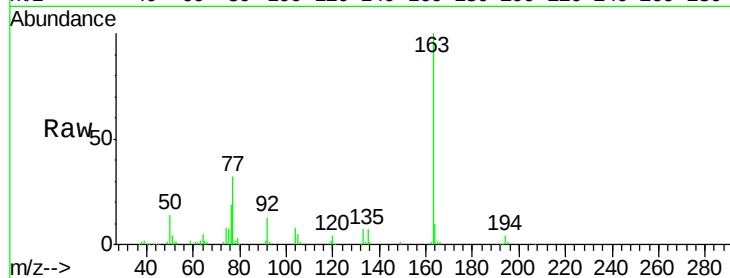
Tot Ion:163 Resp: 289816

Ion Ratio Lower Upper

163 100

194 3.5 3.5 5.3

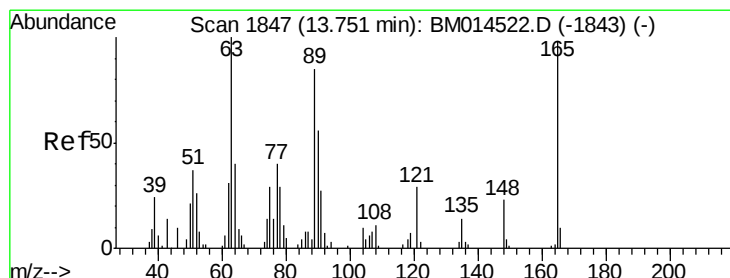
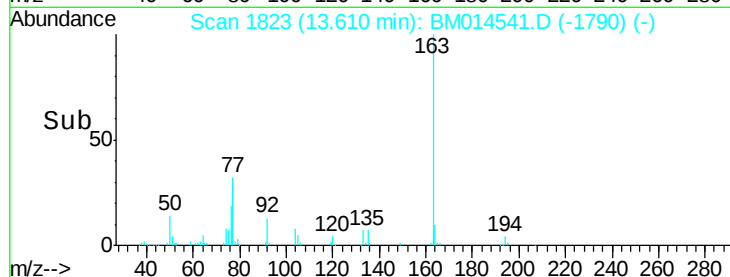
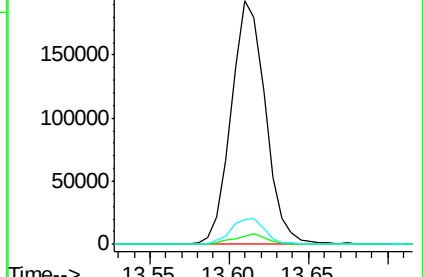
164 9.9 8.2 12.4



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: 21.014 ng/ul

RT: 13.76 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

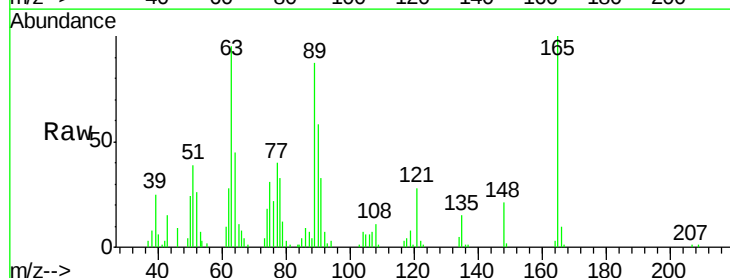
Tgt Ion:165 Resp: 58104

Ion Ratio Lower Upper

165 100

89 86.9 52.6 79.0#

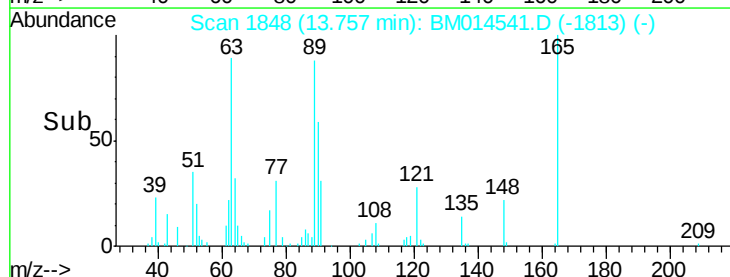
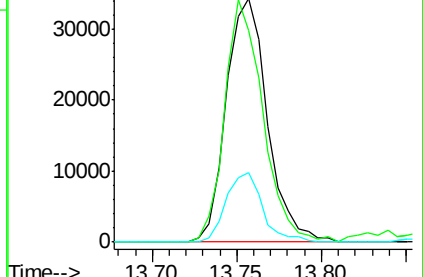
121 28.5 14.6 22.0#

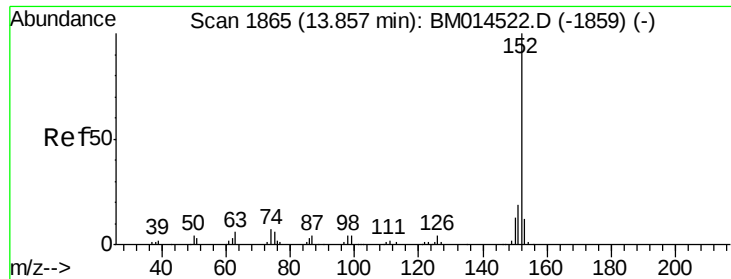


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.910 ng/ul

RT: 13.86 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

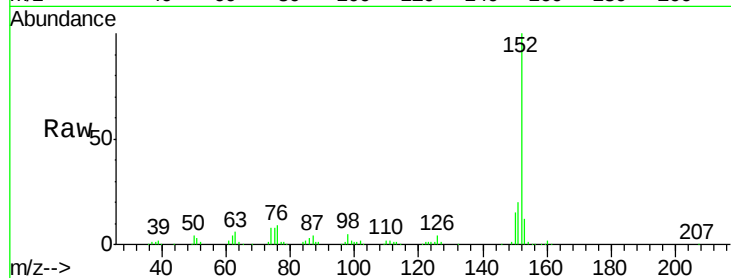
Tot Ion:152 Resp: 359691

Ion Ratio Lower Upper

152 100

151 19.7 16.3 24.5

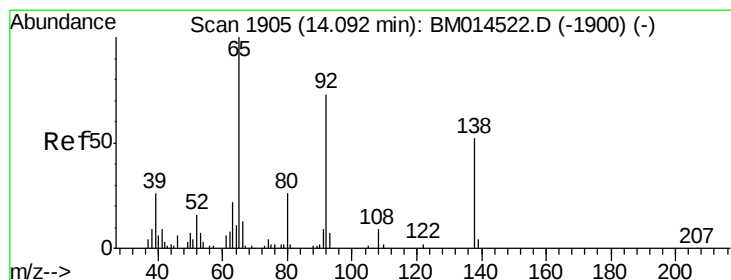
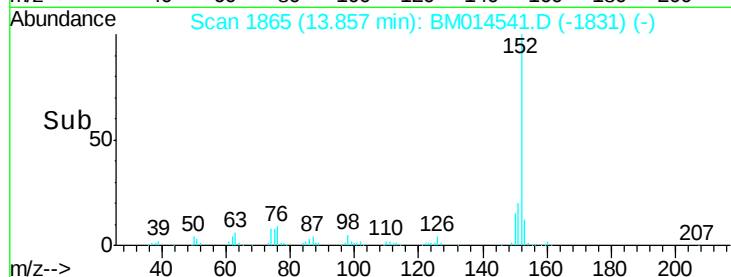
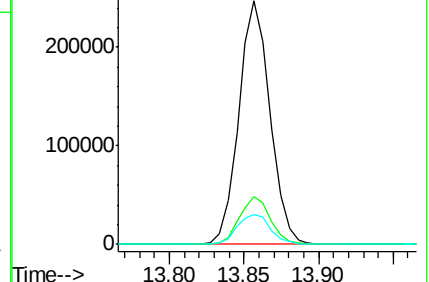
153 12.1 10.2 15.4



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: 18.906 ng/ul

RT: 14.10 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

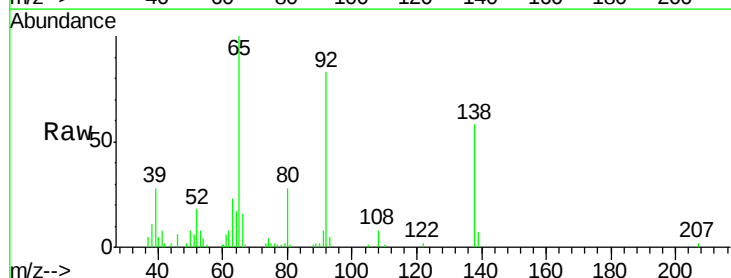
Tgt Ion:138 Resp: 44306

Ion Ratio Lower Upper

138 100

108 13.1 9.9 14.9

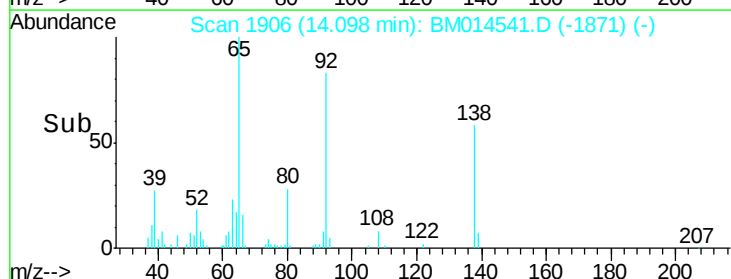
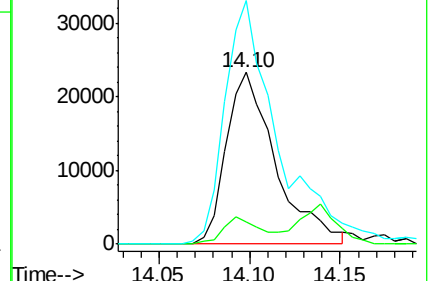
92 142.0 105.0 157.4

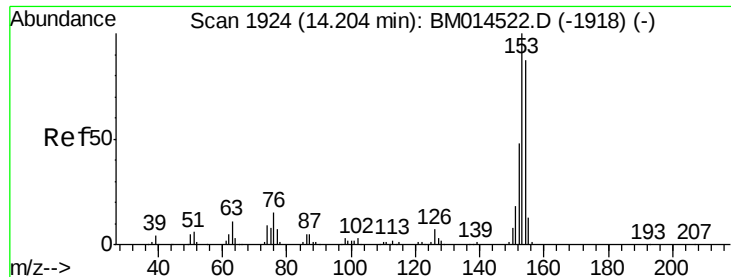


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.669 ng/ul

RT: 14.20 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

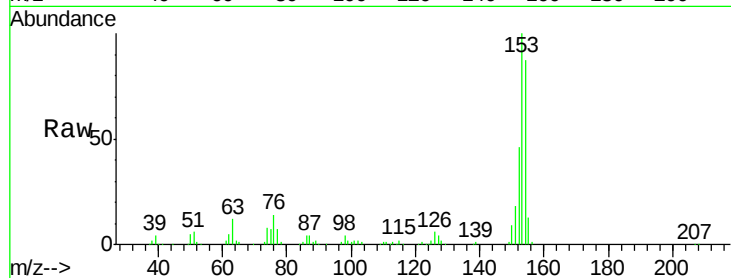
Tot Ion:153 Resp: 250353

Ion Ratio Lower Upper

153 100

152 46.0 37.6 56.4

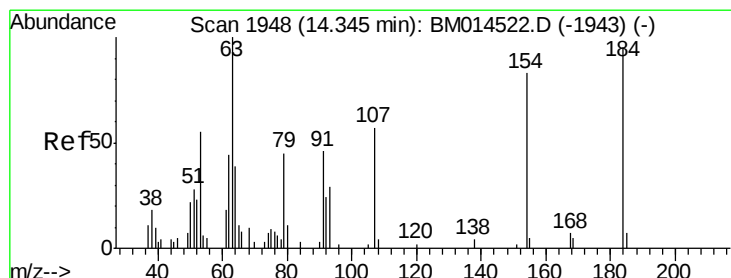
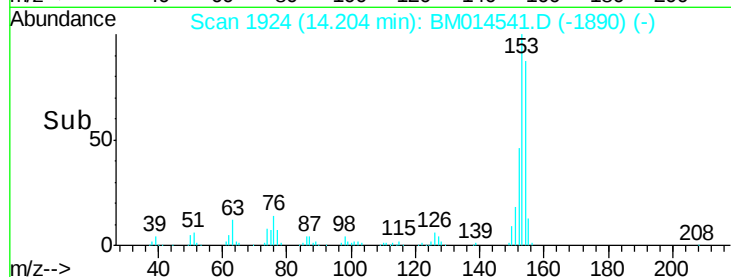
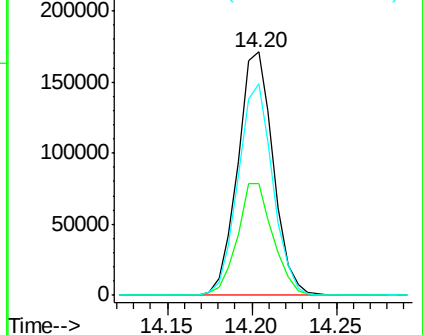
154 86.9 70.4 105.6



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: 14.785 ng/ul

RT: 14.35 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

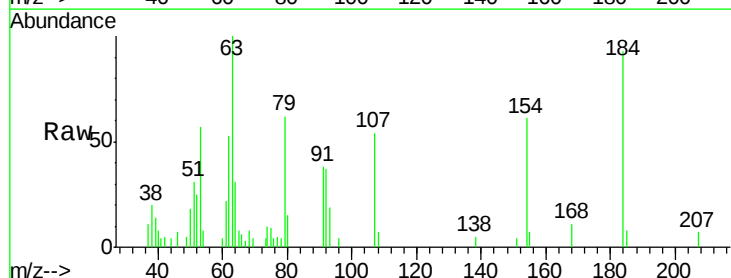
Tgt Ion:184 Resp: 21986

Ion Ratio Lower Upper

184 100

63 108.1 50.1 75.1#

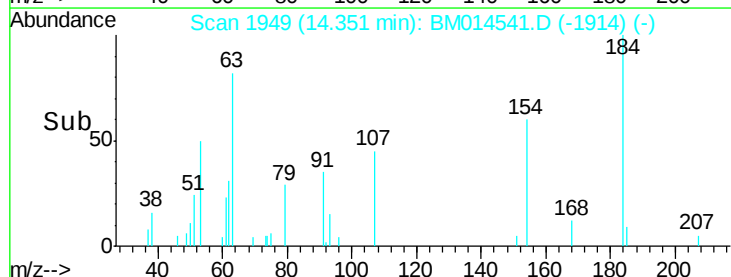
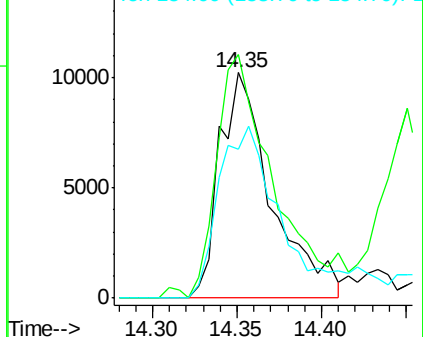
154 66.3 54.5 81.7

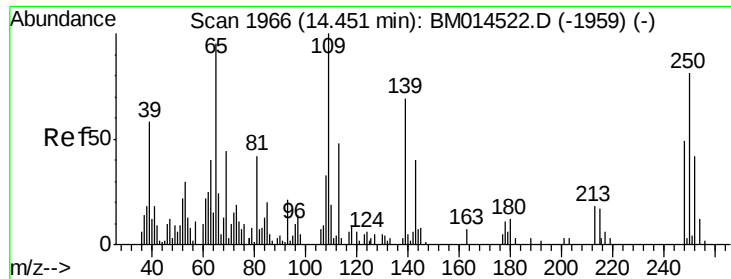


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 21.997 ng/ul

RT: 14.46 min Scan# 1967

Delta R.T. 0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

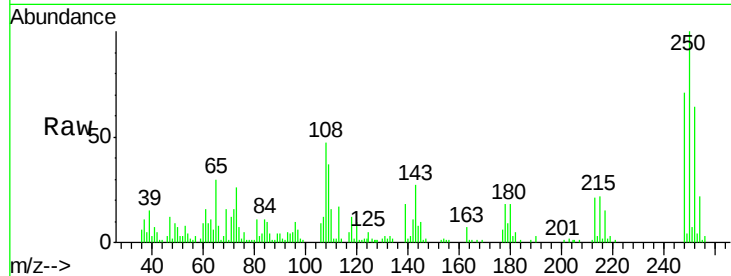
Tot Ion:109 Resp: 58767

Ion Ratio Lower Upper

109 100

139 48.1 80.0 120.0#

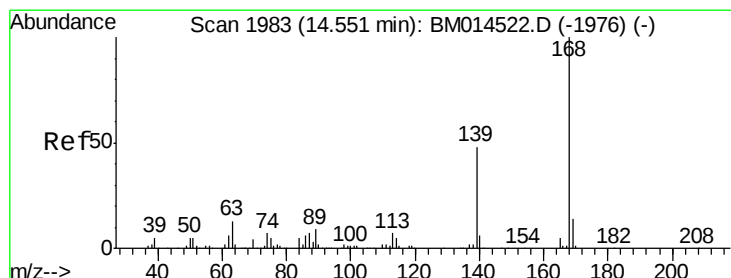
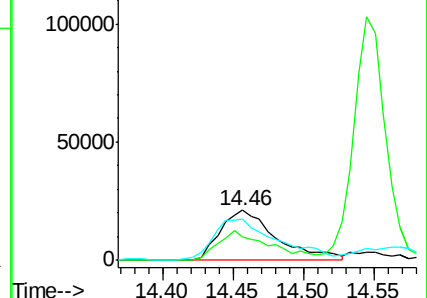
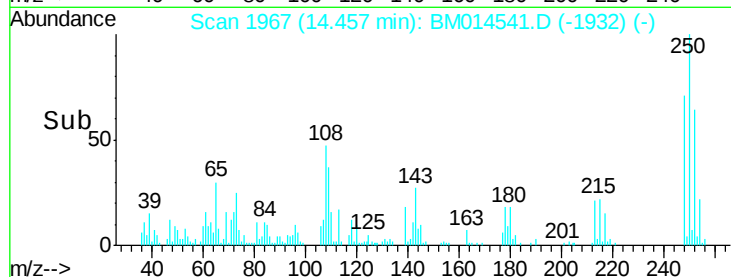
65 83.1 120.0 180.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 19.287 ng/ul

RT: 14.55 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM014541.D

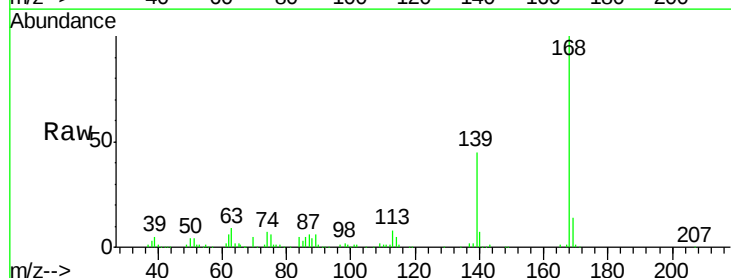
Acq: 13 Mar 2018 11:20

Tgt Ion:168 Resp: 350288

Ion Ratio Lower Upper

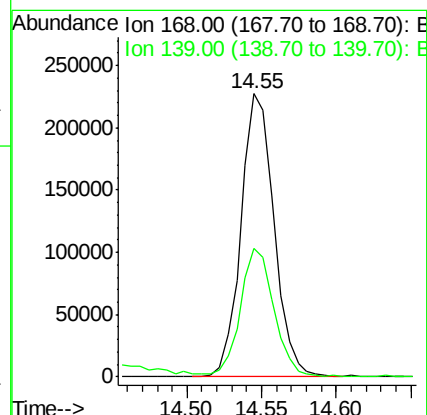
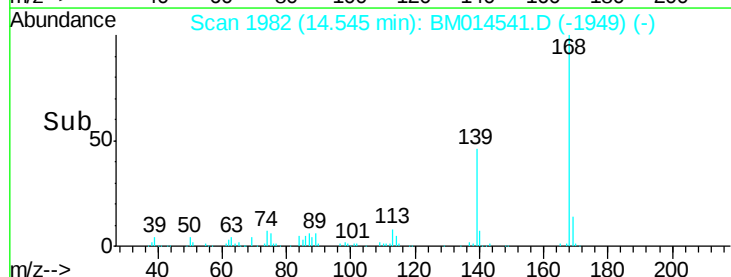
168 100

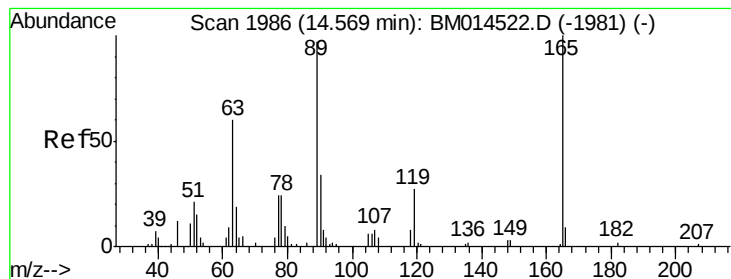
139 45.3 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 20.464 ng/ul

RT: 14.57 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

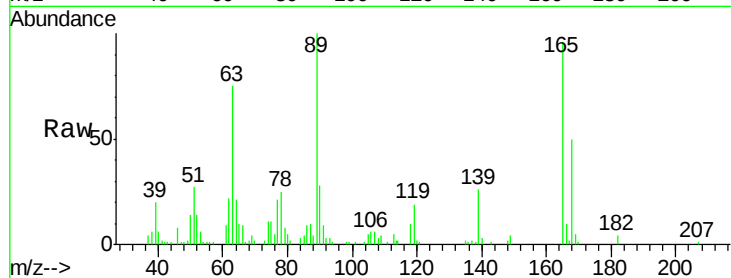
Tot Ion:165 Resp: 90659

Ion Ratio Lower Upper

165 100

63 78.0 45.8 68.8#

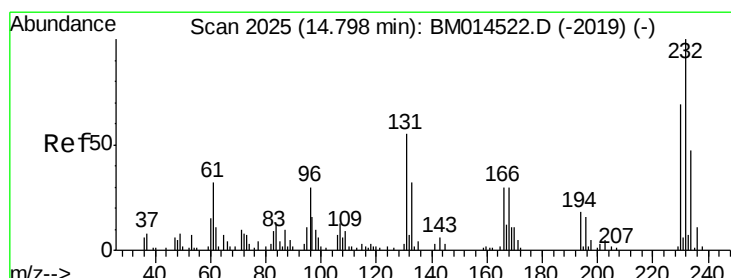
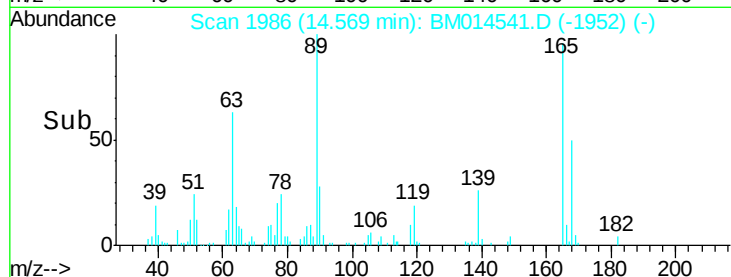
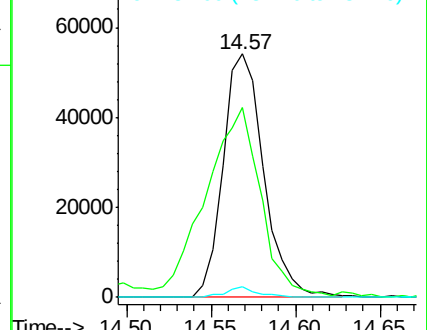
182 4.4 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.241 ng/ul

RT: 14.79 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Tgt Ion:232 Resp: 71171

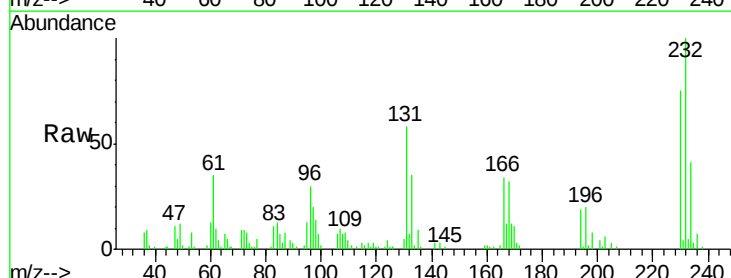
Ion Ratio Lower Upper

232 100

131 57.7 29.0 43.4#

130 4.7 2.0 3.0#

166 34.3 21.4 32.2#

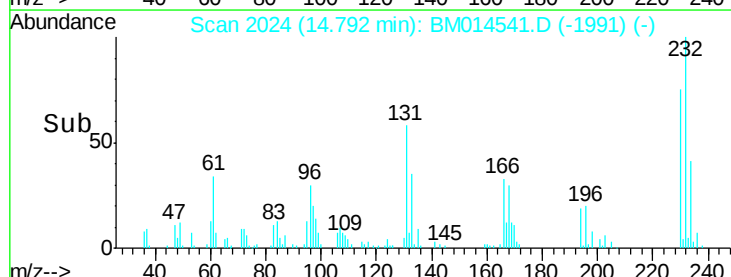
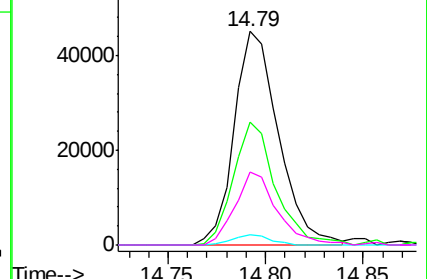


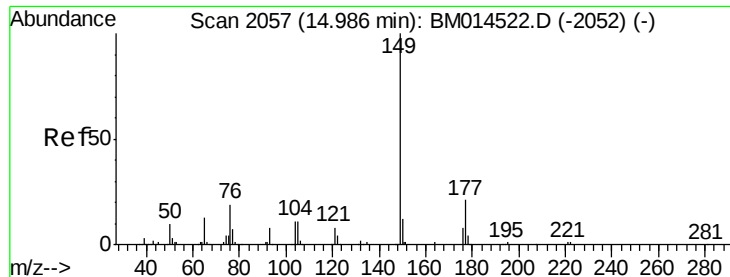
Abundance Ion 232.00 (231.70 to 232.70): E

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: 19.868 ng/ul

RT: 14.99 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

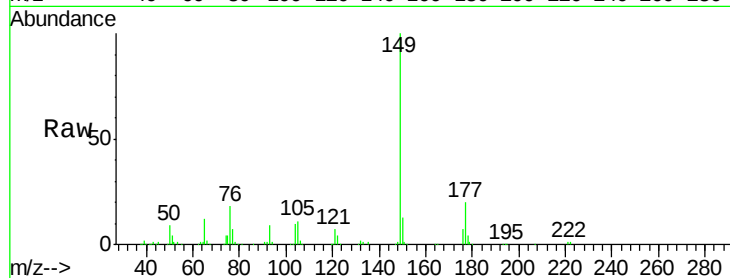
Tot Ion:149 Resp: 322213

Ion Ratio Lower Upper

149 100

177 19.5 20.5 30.7#

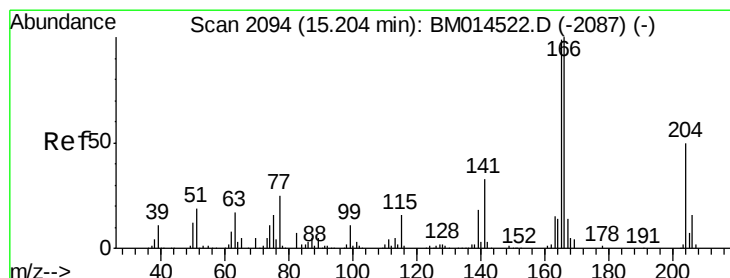
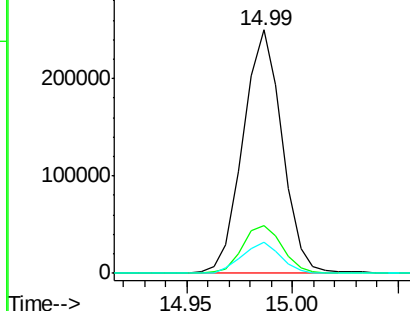
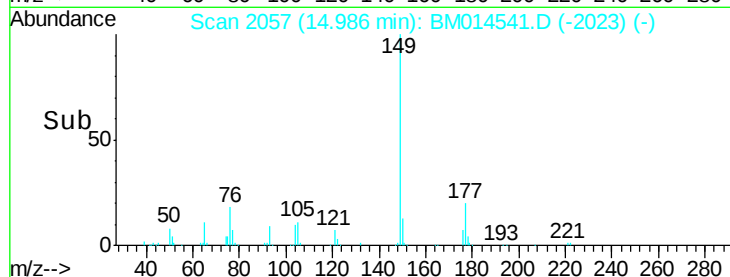
150 12.8 10.6 15.8



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: 18.435 ng/ul

RT: 15.20 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

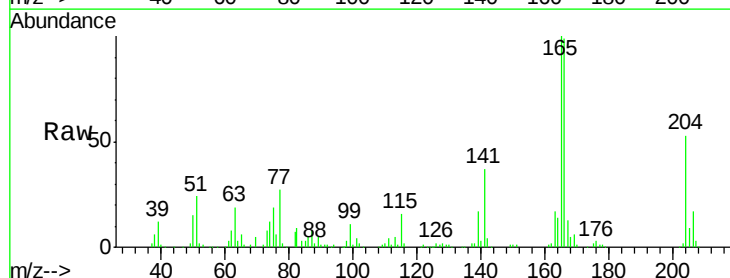
Tgt Ion:166 Resp: 289049

Ion Ratio Lower Upper

166 100

165 101.2 77.9 116.9

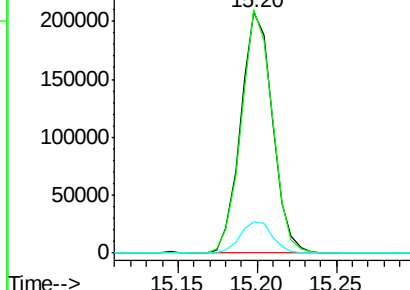
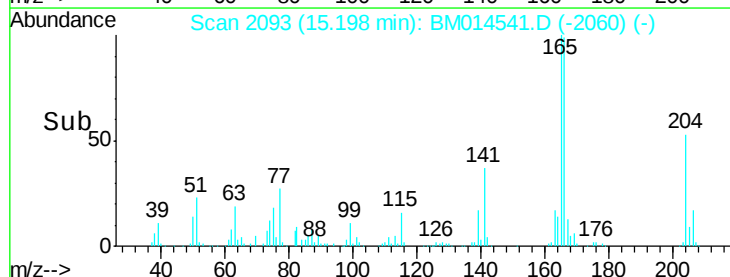
167 13.2 10.6 16.0

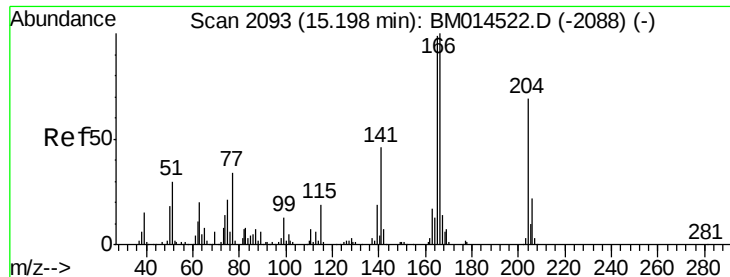


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

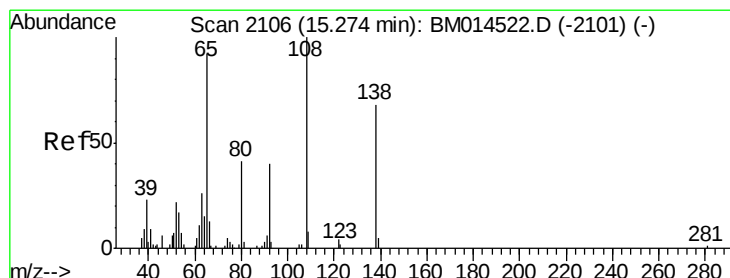
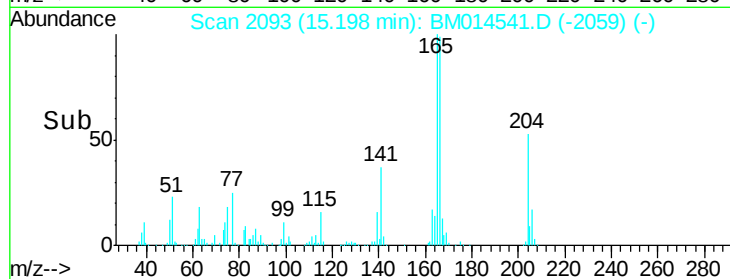
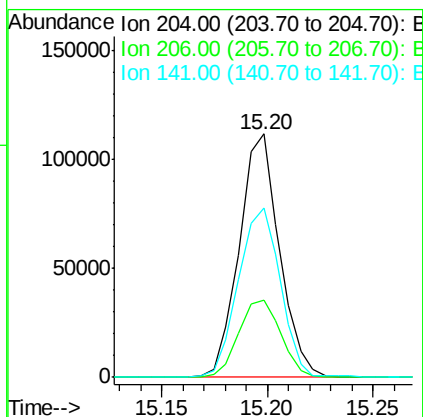
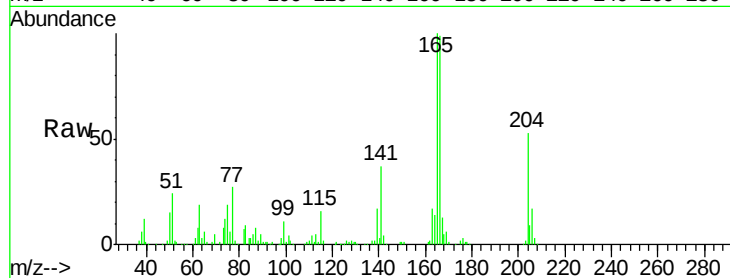




#59
4-Chlorophenyl-phenylether
Concen: 18.076 ng/ul
RT: 15.20 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BM014541.D
Acq: 13 Mar 2018 11:20

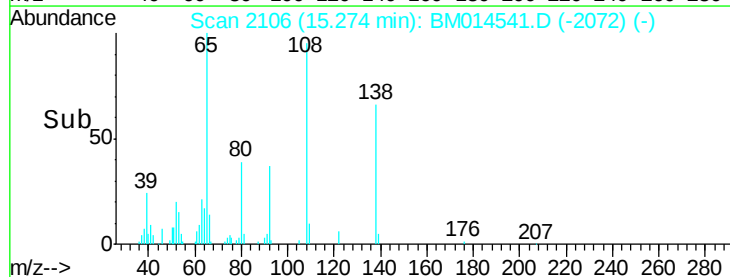
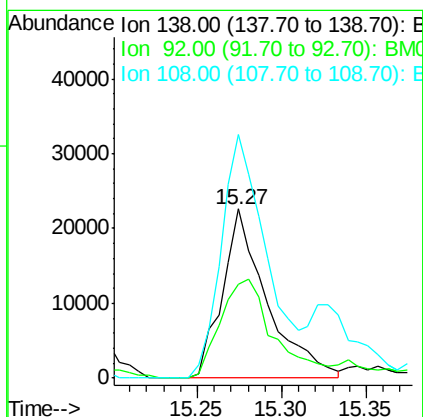
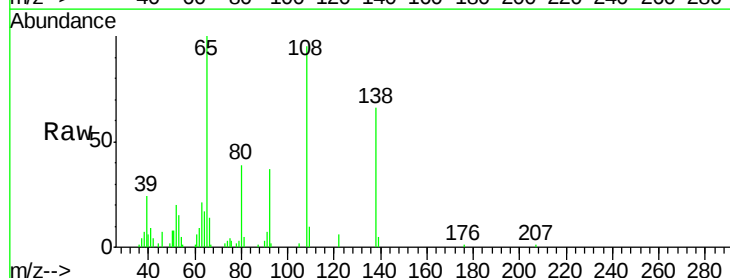
Instrument :
BNA_M
ClientSampleId :
SSTD02039

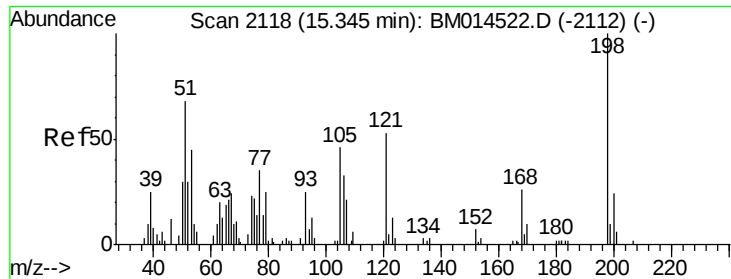
Tot Ion:204 Resp: 148245
Ion Ratio Lower Upper
204 100
206 32.0 24.8 37.2
141 69.7 44.3 66.5#



#60
4-Nitroaniline
Concen: 15.785 ng/ul
RT: 15.27 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BM014541.D
Acq: 13 Mar 2018 11:20

Tgt Ion:138 Resp: 41485
Ion Ratio Lower Upper
138 100
92 55.7 40.0 60.0
108 144.3 80.0 120.0#

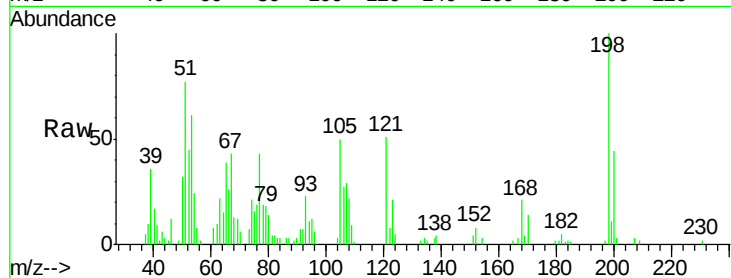




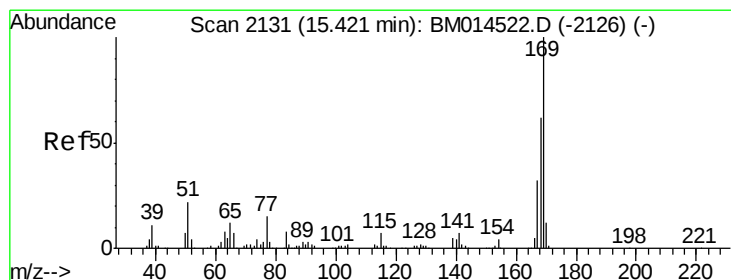
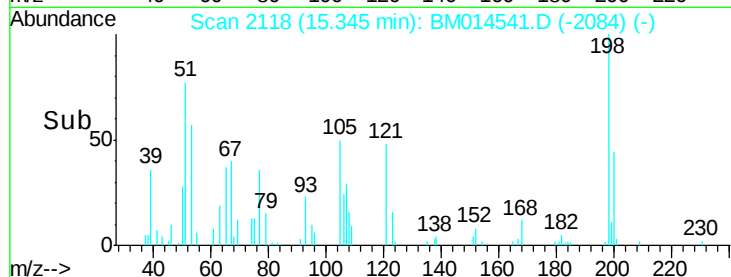
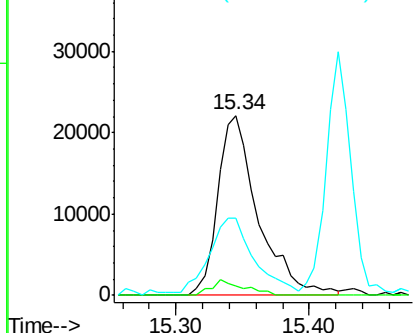
#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.440 ng/ul
 RT: 15.34 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

Instrument :
 BNA_M
 ClientSampleId :
 SST02039

Tot Ion:198 Resp: 46837
 Ion Ratio Lower Upper
 198 100
 182 5.3 3.8 5.6
 77 42.6 25.2 37.8#

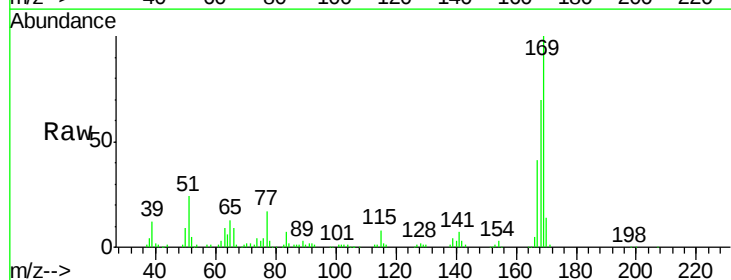


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM0

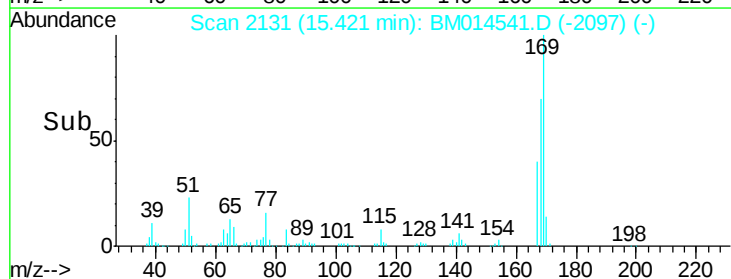
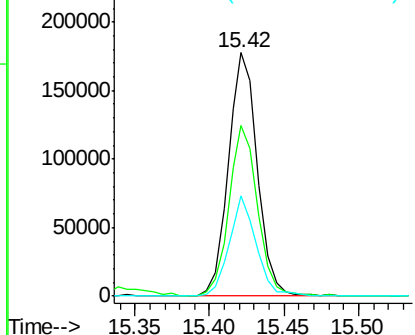


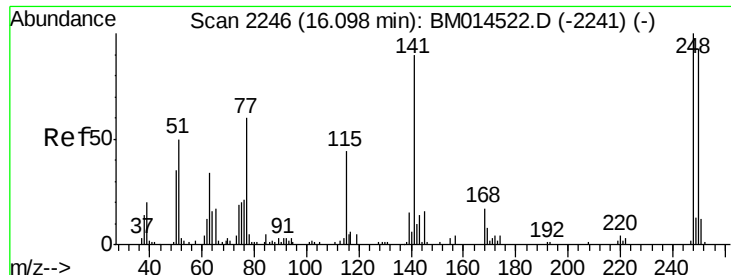
#64
 N-Nitrosodiphenylamine
 Concen: 20.214 ng/ul
 RT: 15.42 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

Tgt Ion:169 Resp: 241658
 Ion Ratio Lower Upper
 169 100
 168 70.3 54.0 81.0
 167 41.3 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

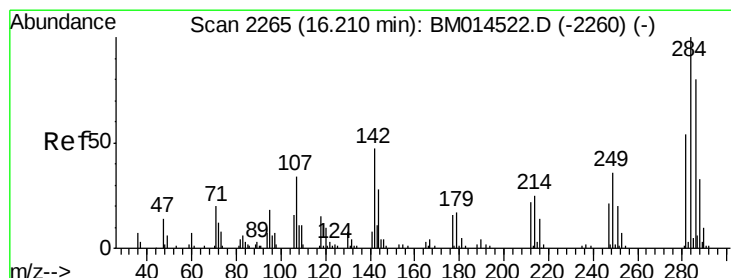
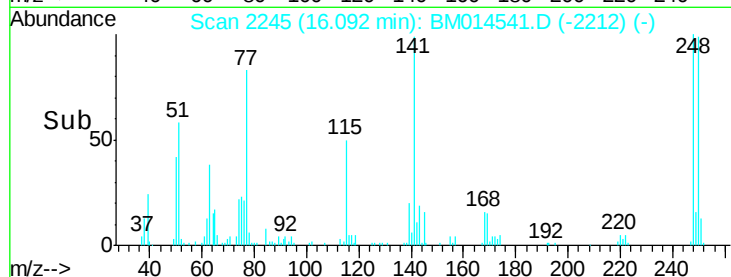
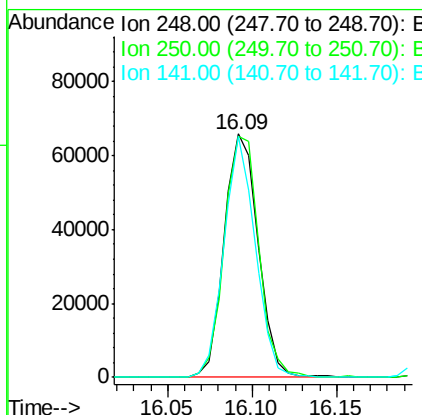
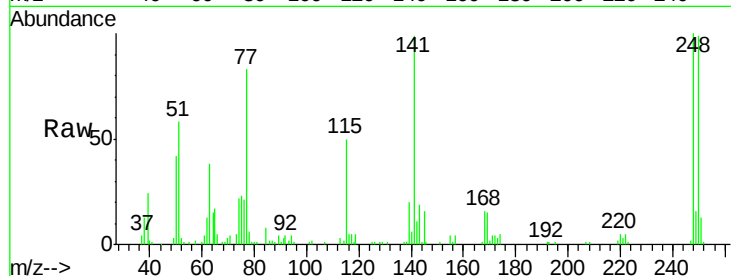




#65
4-Bromophenyl-phenylether
Concen: 19.882 ng/ul
RT: 16.09 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BM014541.D
Acq: 13 Mar 2018 11:20

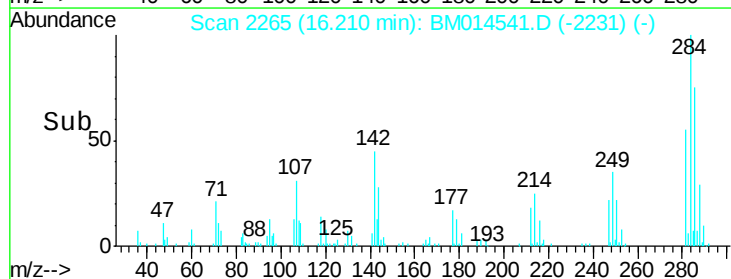
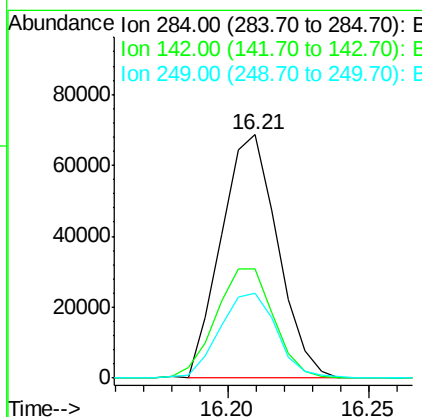
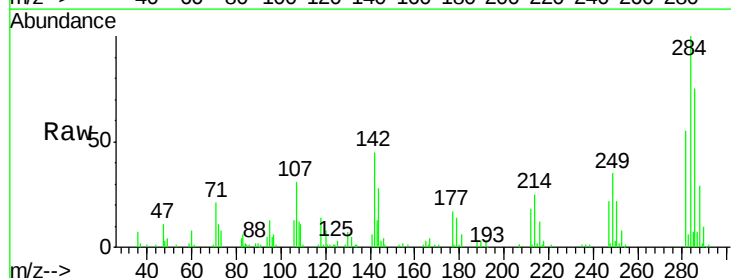
Instrument :
BNA_M
ClientSampleId :
SSTD02039

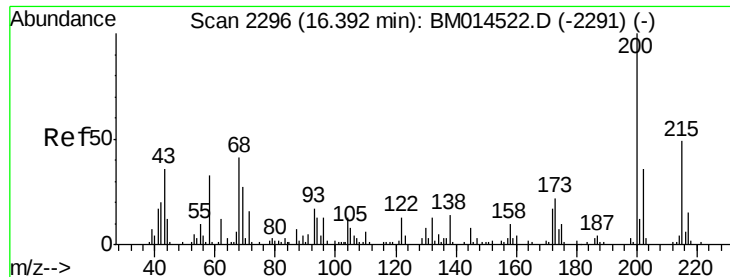
Tot Ion:248 Resp: 92293
Ion Ratio Lower Upper
248 100
250 99.3 80.5 120.7
141 98.9 53.6 80.4#



#66
Hexachlorobenzene
Concen: 19.527 ng/ul
RT: 16.21 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM014541.D
Acq: 13 Mar 2018 11:20

Tgt Ion:284 Resp: 95324
Ion Ratio Lower Upper
284 100
142 44.9 21.2 31.8#
249 34.9 24.5 36.7

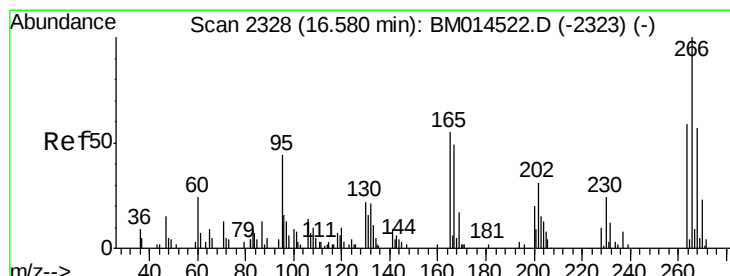
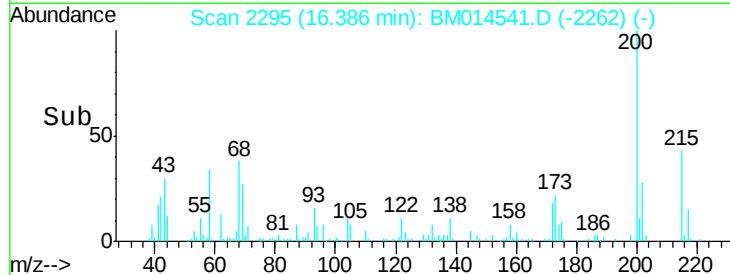
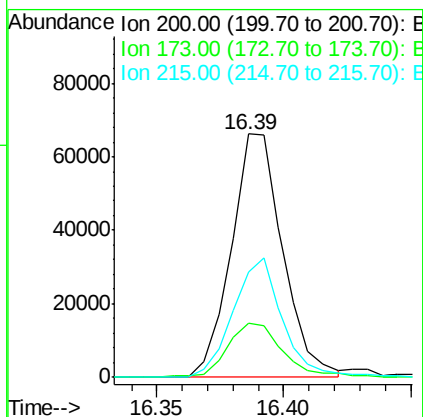
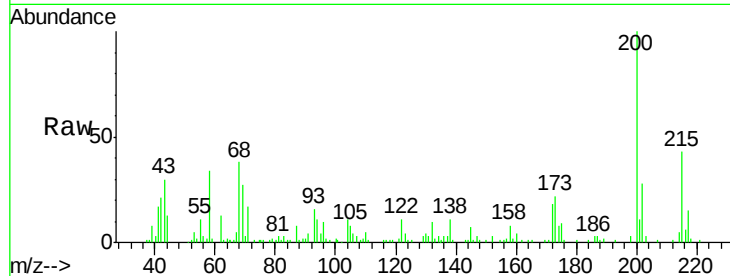




#67
 Atrazine
 Concen: 19.794 ng/ul
 RT: 16.39 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

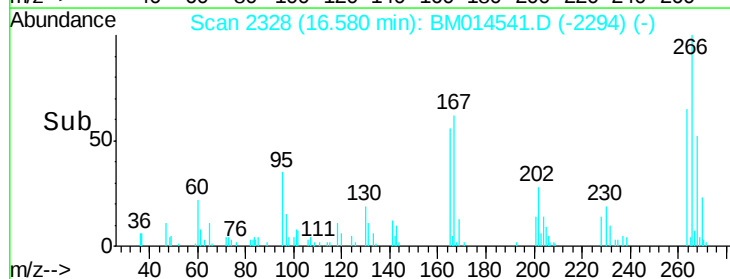
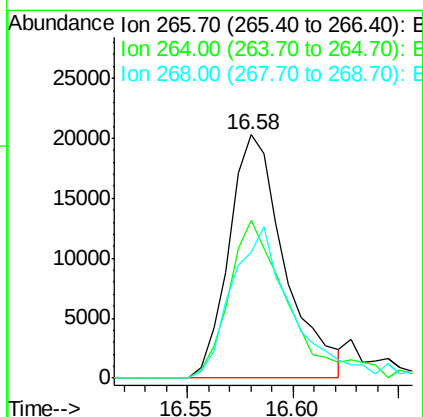
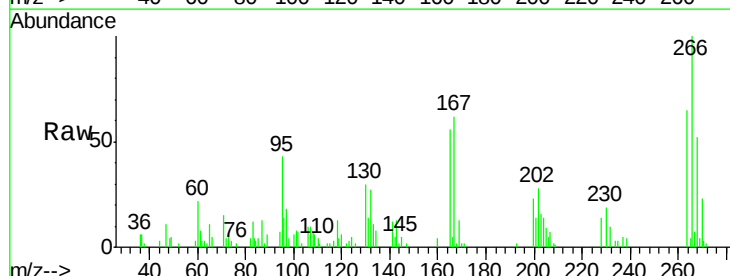
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02039

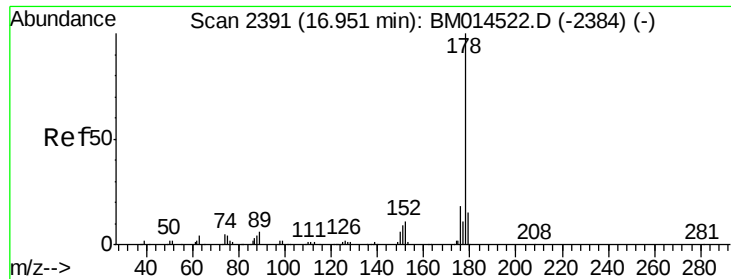
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.2	18.2	27.2
215	43.2	35.0	52.4



#68
 Pentachlorophenol
 Concen: 14.517 ng/ul
 RT: 16.58 min Scan# 2328
 Delta R.T. -0.00 min
 Lab File: BM014541.D
 Acq: 13 Mar 2018 11:20

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.7	49.3	73.9
268	51.6	52.6	78.8





#69

Phenanthrene

Concen: 19.468 ng/ul

RT: 16.94 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

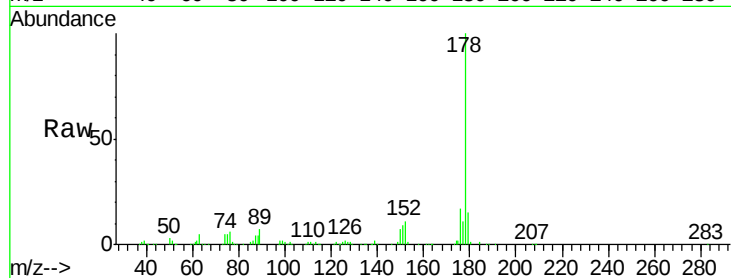
Tot Ion:178 Resp: 466629

Ion Ratio Lower Upper

178 100

179 15.0 12.6 19.0

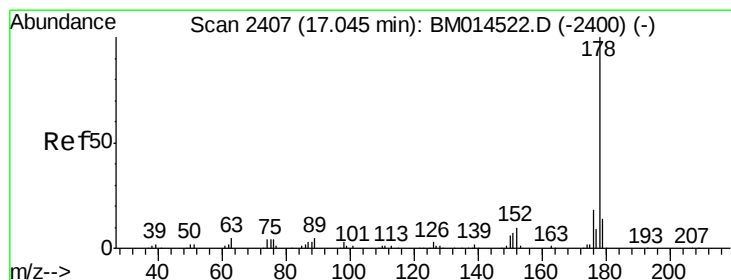
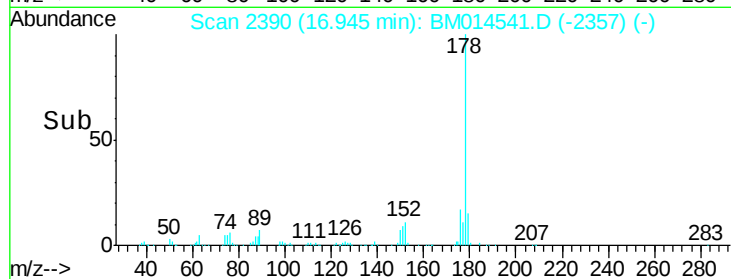
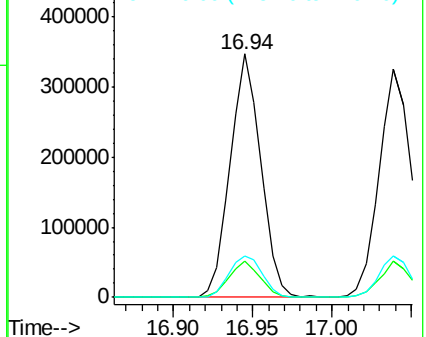
176 16.9 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.500 ng/ul

RT: 17.04 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

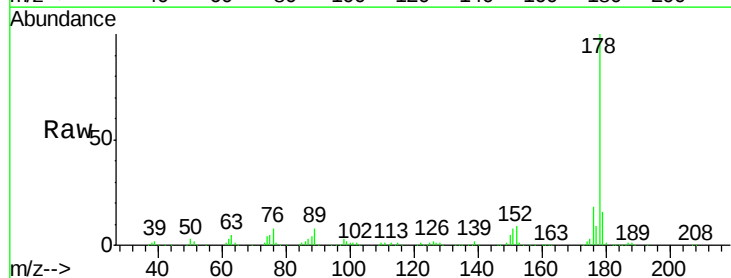
Tgt Ion:178 Resp: 470055

Ion Ratio Lower Upper

178 100

179 16.1 11.7 17.5

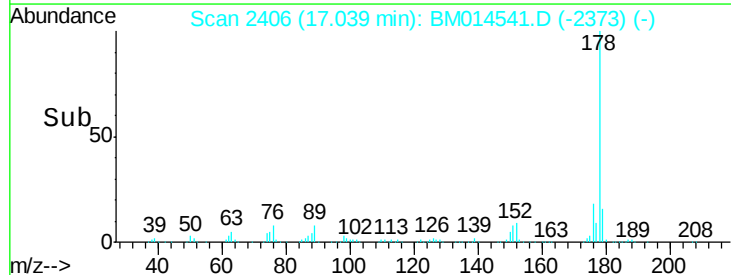
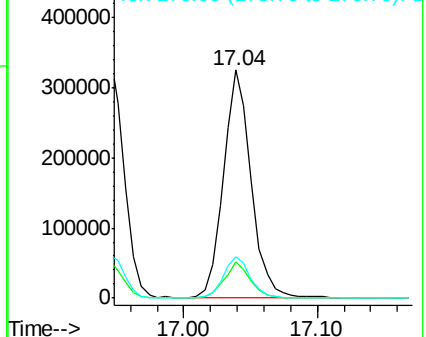
176 18.3 14.6 21.8

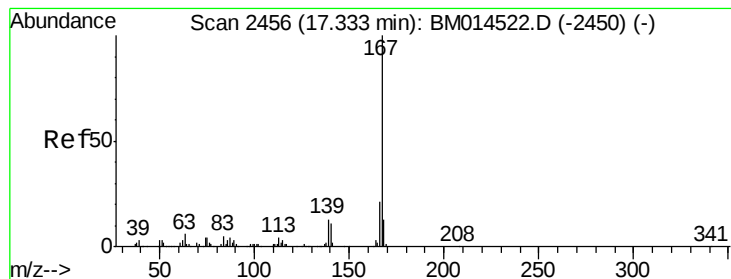


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 18.293 ng/ul

RT: 17.33 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

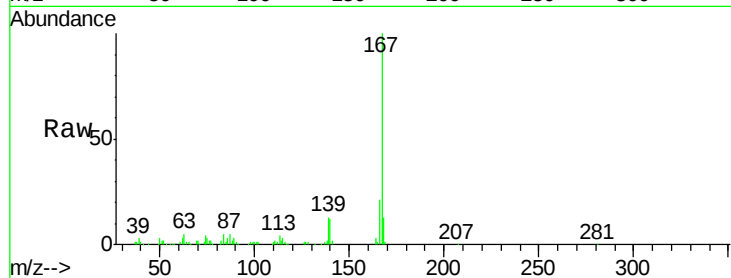
Tot Ion:167 Resp: 370777

Ion Ratio Lower Upper

167 100

166 21.0 17.1 25.7

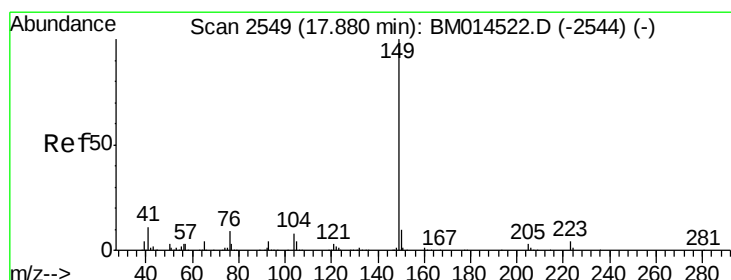
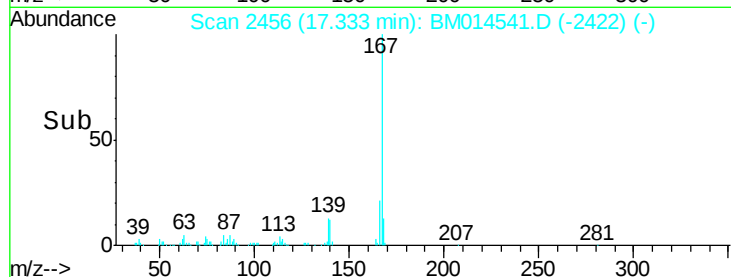
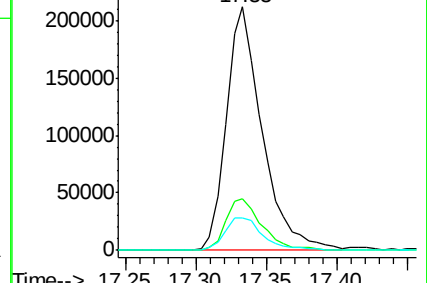
139 13.4 10.0 15.0



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: 19.329 ng/ul

RT: 17.88 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

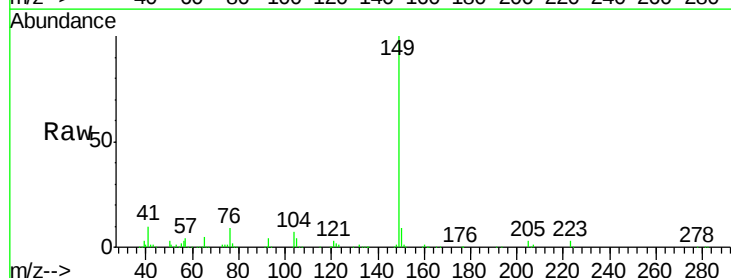
Tgt Ion:149 Resp: 505443

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

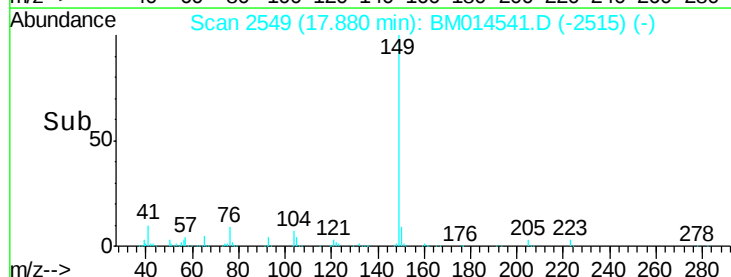
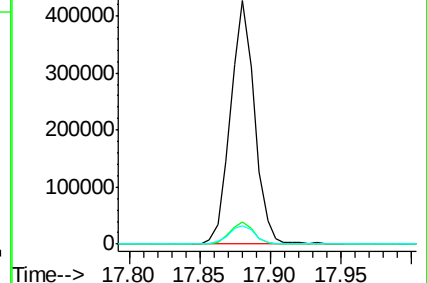
104 7.3 5.6 8.4

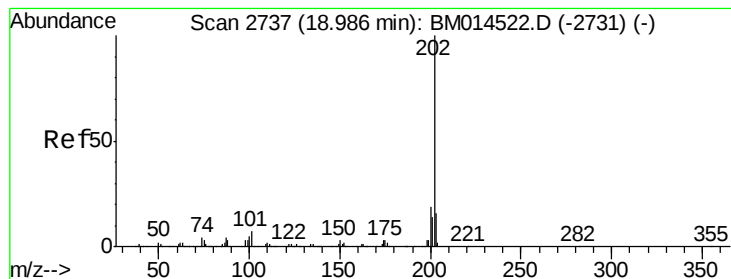


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 18.572 ng/ul

RT: 18.98 min Scan# 2736

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

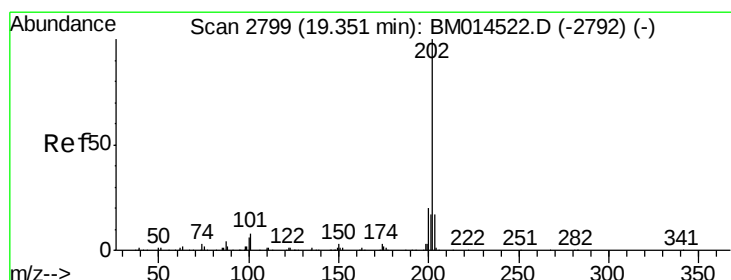
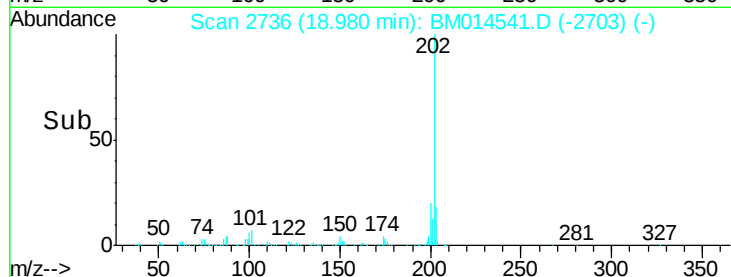
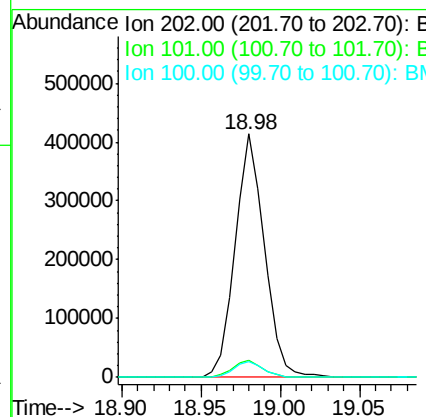
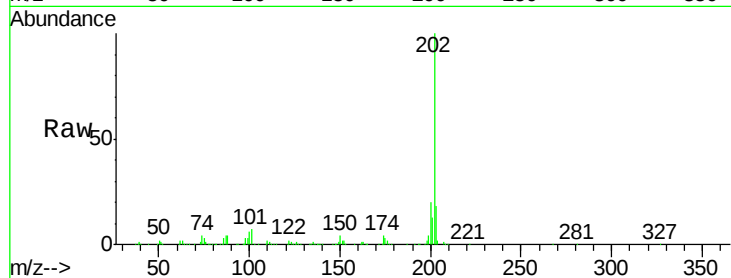
Tot Ion:202 Resp: 531820

Ion Ratio Lower Upper

202 100

101 6.9 4.6 7.0

100 6.4 3.4 5.2#



#77

Pyrene

Concen: 20.297 ng/ul

RT: 19.34 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

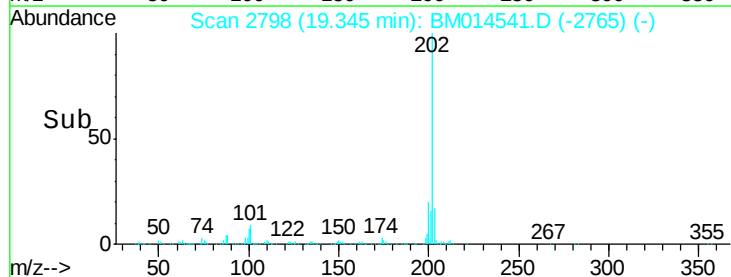
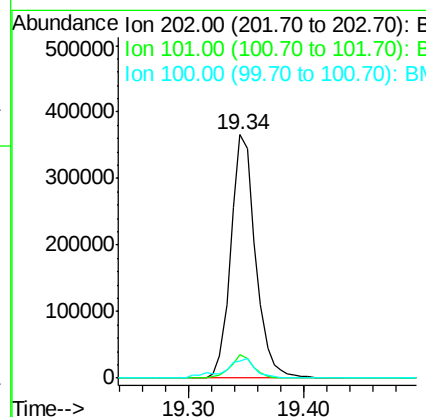
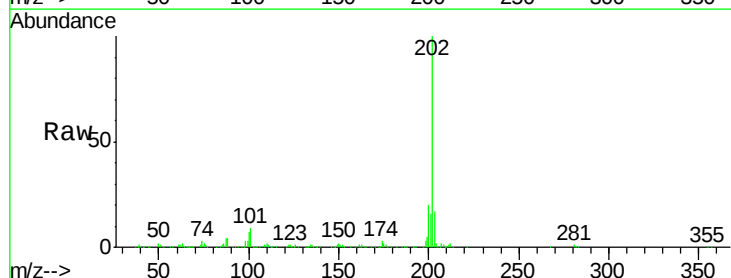
Tgt Ion:202 Resp: 539686

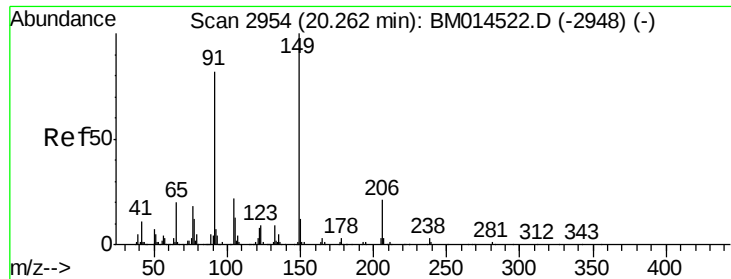
Ion Ratio Lower Upper

202 100

101 9.5 5.1 7.7#

100 7.1 4.9 7.3





#78

Butylbenzylphthalate

Concen: 21.009 ng/ul

RT: 20.26 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

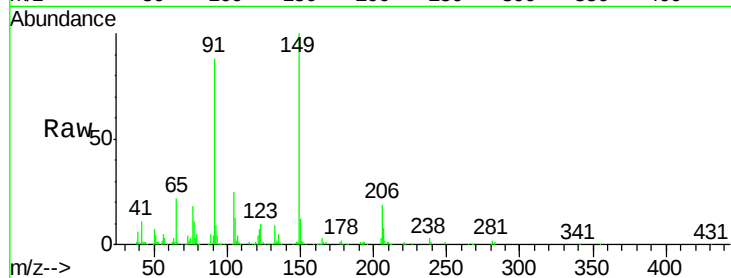
Tot Ion:149 Resp: 230975

Ion Ratio Lower Upper

149 100

91 88.1 62.7 94.1

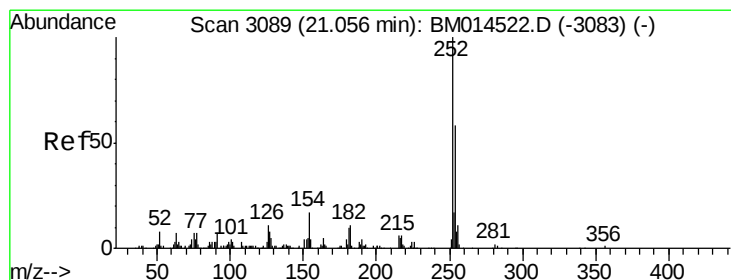
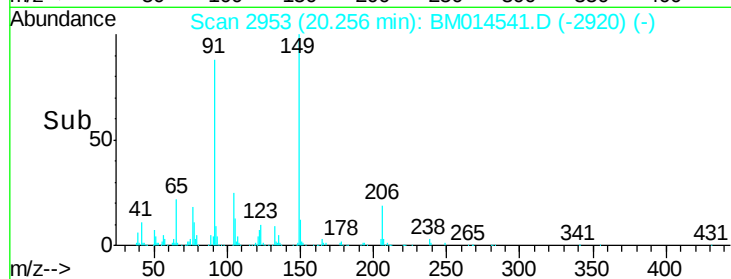
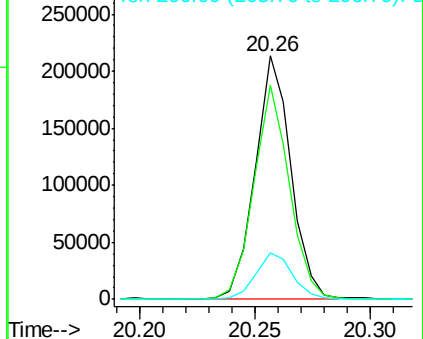
206 19.3 20.8 31.2#



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: 21.994 ng/ul

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

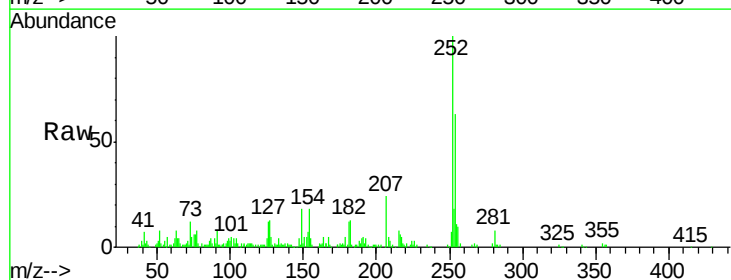
Tgt Ion:252 Resp: 154715

Ion Ratio Lower Upper

252 100

254 63.5 54.5 81.7

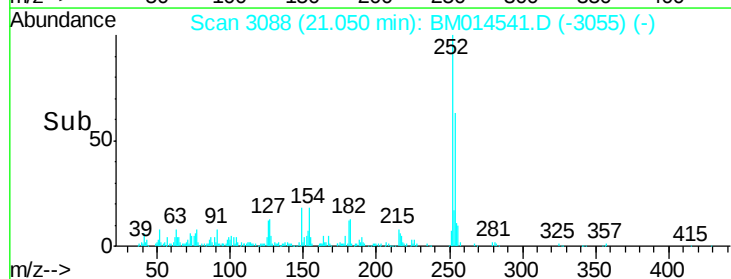
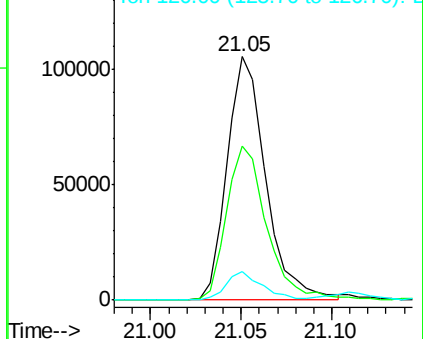
126 11.7 5.8 8.8#

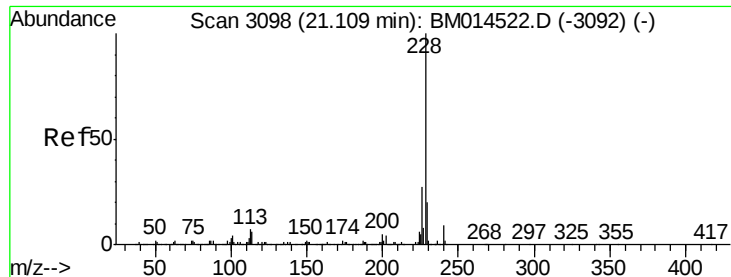


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.765 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

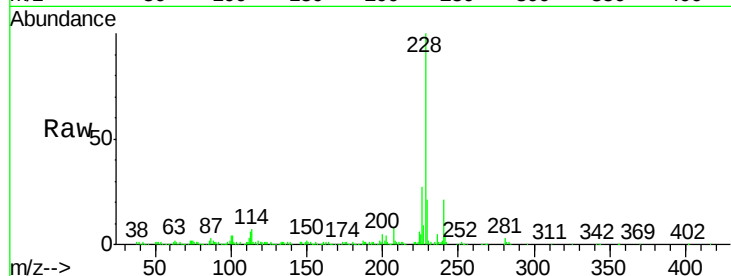
Tot Ion:228 Resp: 493539

Ion Ratio Lower Upper

228 100

229 21.2 15.4 23.0

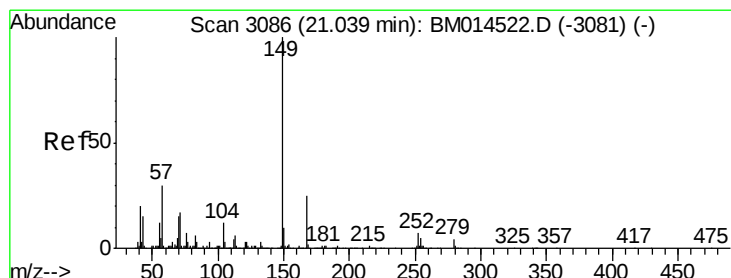
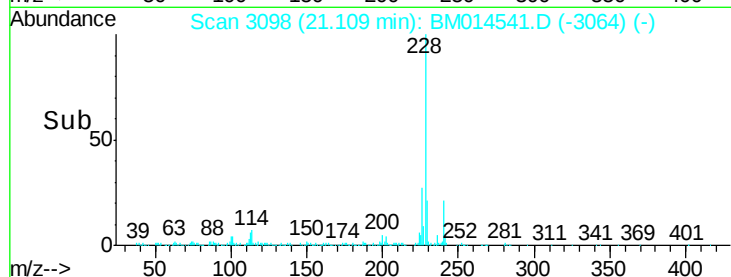
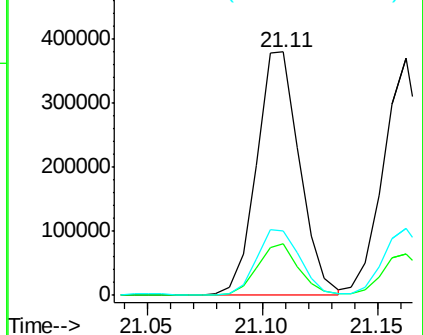
226 26.7 21.4 32.0



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: 19.988 ng/ul

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

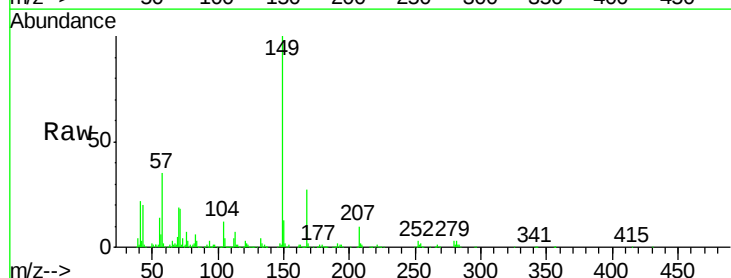
Tgt Ion:149 Resp: 314729

Ion Ratio Lower Upper

149 100

167 27.2 22.8 34.2

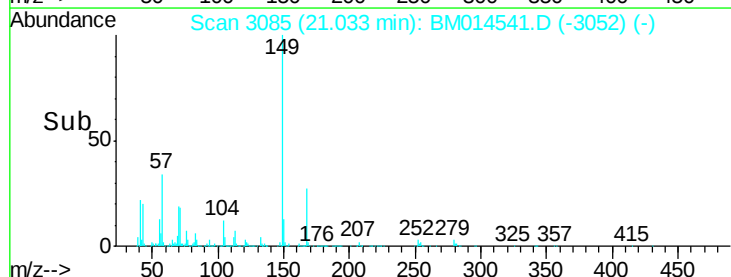
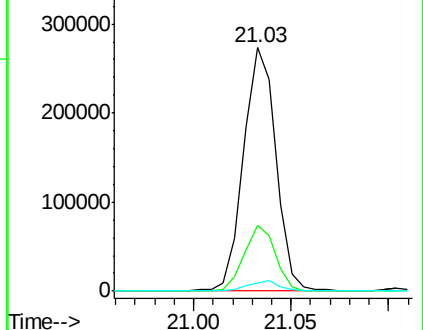
279 3.1 4.9 7.3#

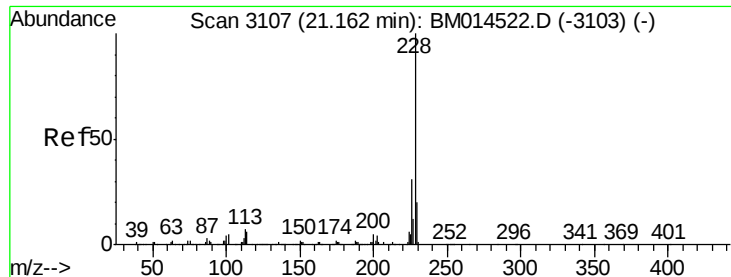


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.965 ng/ul

RT: 21.16 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

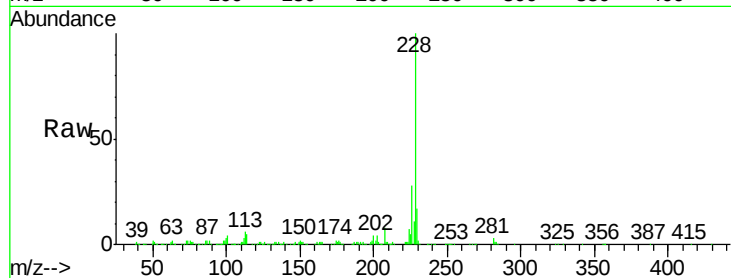
BNA_M

ClientSampleId :

SSTD02039

Tot Ion:228 Resp: 465080

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.2
229	17.4	15.5	23.3

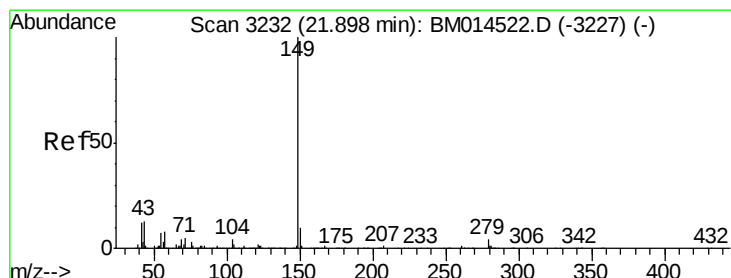
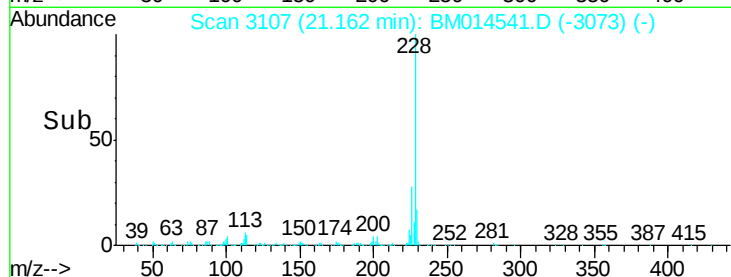
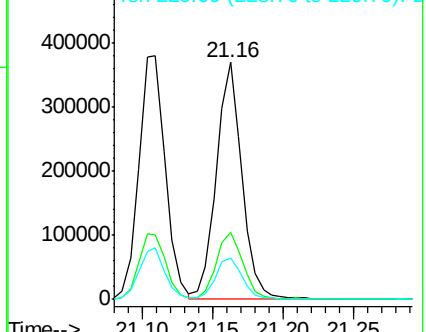


Abundance

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: 17.058 ng/ul

RT: 21.89 min Scan# 3231

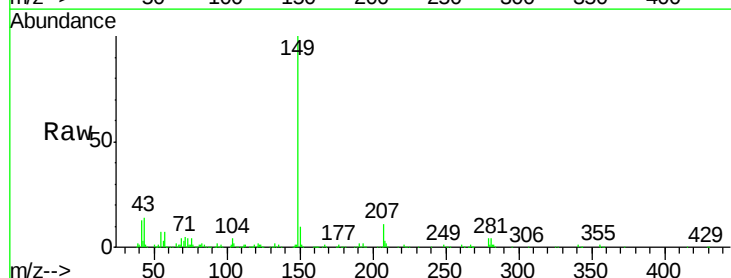
Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Tgt Ion:149 Resp: 494486

Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.3	1.9
43	13.9	7.3	10.9

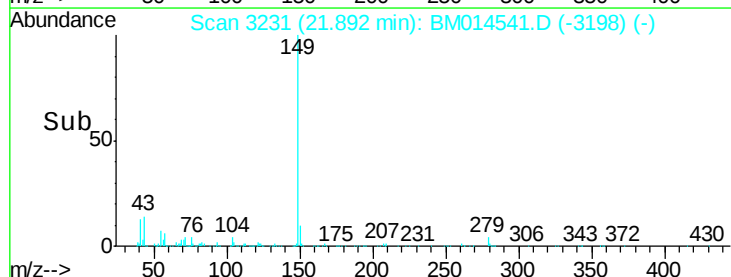
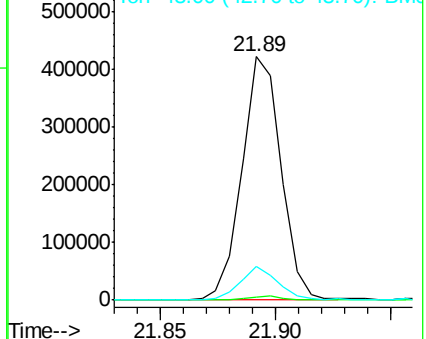


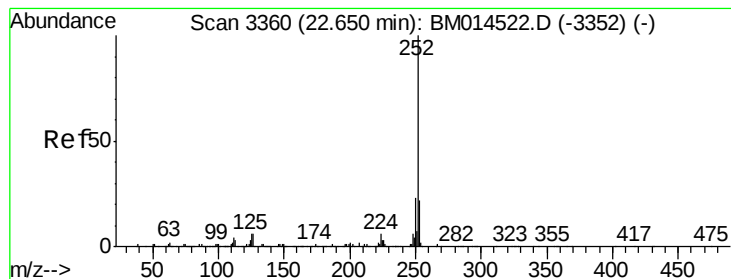
Abundance

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): BM0





#85

Benzo(b)fluoranthene

Concen: 17.711 ng/ul

RT: 22.69 min Scan# 3367

Delta R.T. 0.04 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

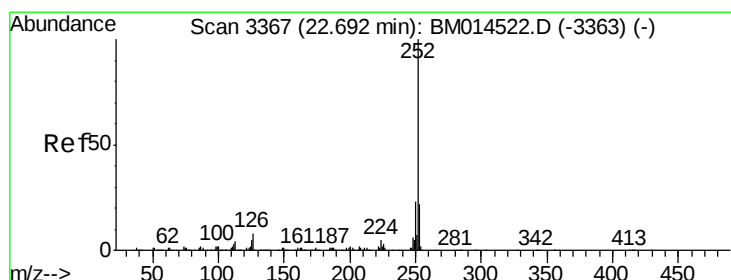
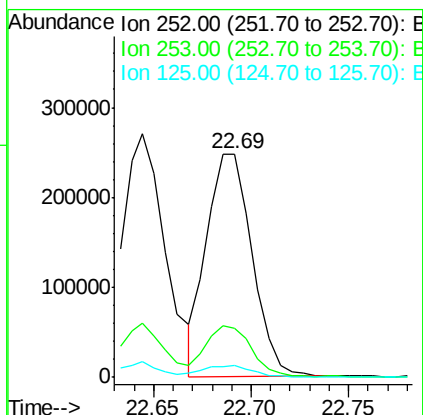
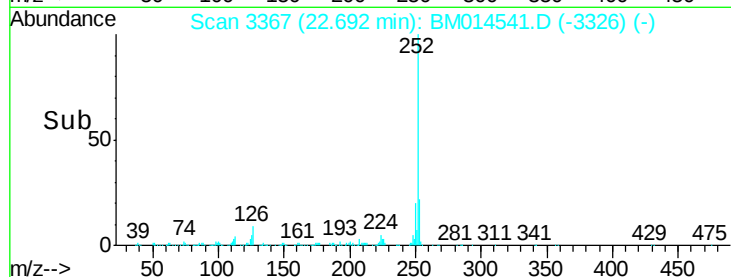
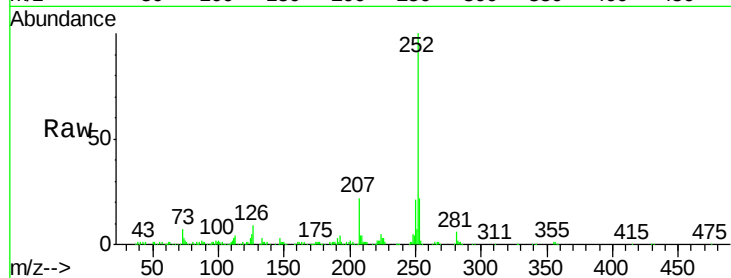
Tot Ion:252 Resp: 400634

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 5.2 3.6 5.4



#86

Benzo(k)fluoranthene

Concen: 18.629 ng/ul

RT: 22.69 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

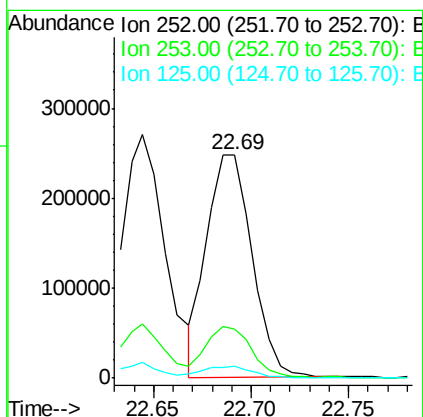
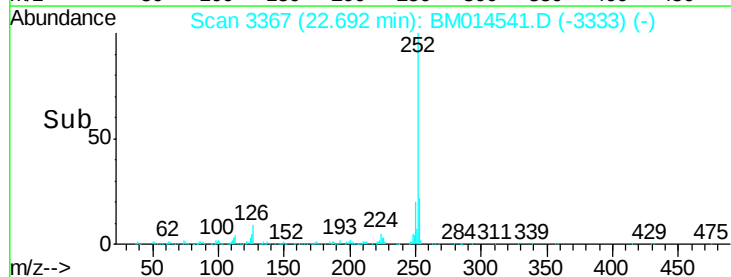
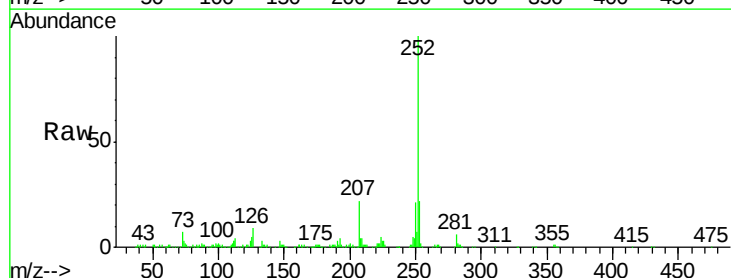
Tgt Ion:252 Resp: 400634

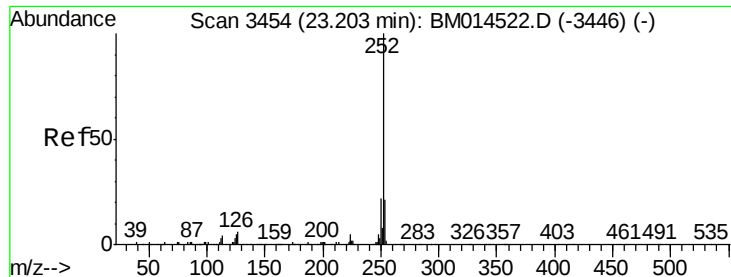
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 5.2 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 19.481 ng/ul

RT: 23.20 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

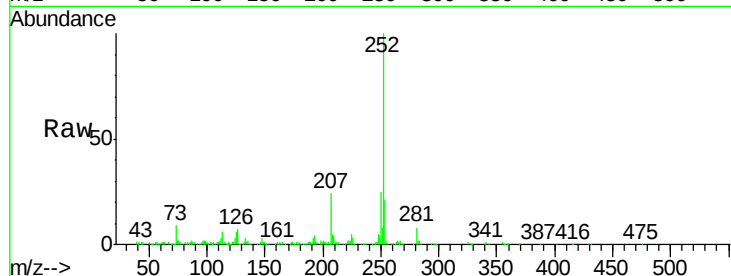
Tot Ion:252 Resp: 393777

Ion Ratio Lower Upper

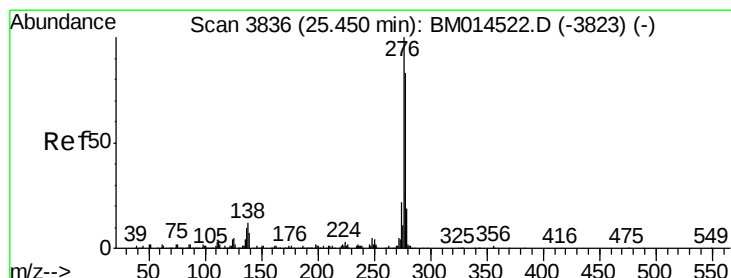
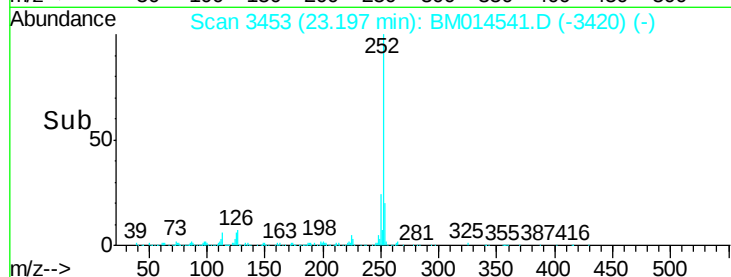
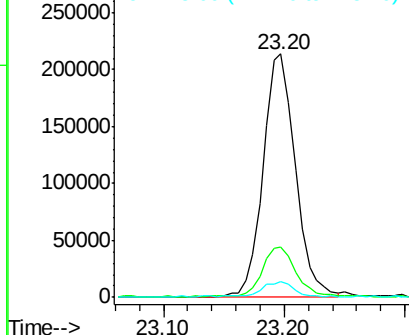
252 100

253 20.6 18.2 27.2

125 6.3 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: 22.335 ng/ul

RT: 25.44 min Scan# 3834

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

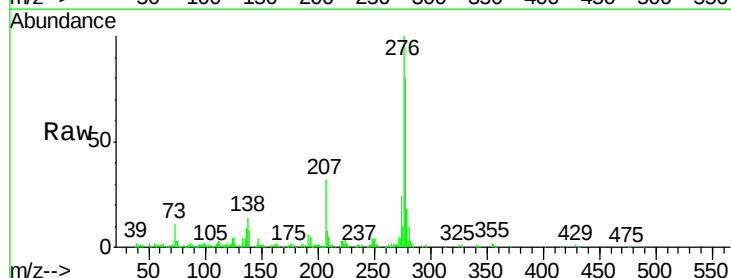
Tgt Ion:276 Resp: 438099

Ion Ratio Lower Upper

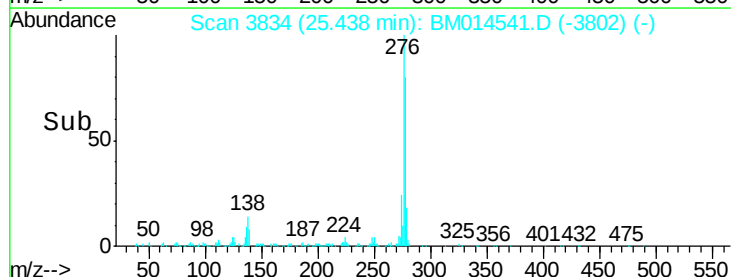
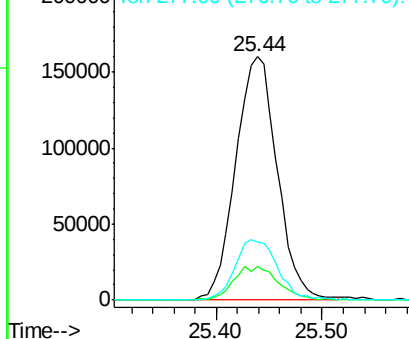
276 100

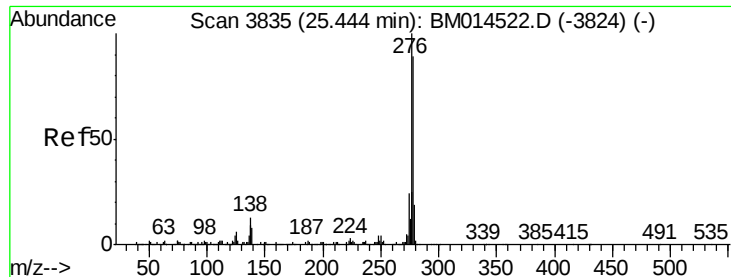
138 13.8 9.3 13.9

277 23.8 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: 22.179 ng/ul

RT: 25.44 min Scan# 3834

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD02039

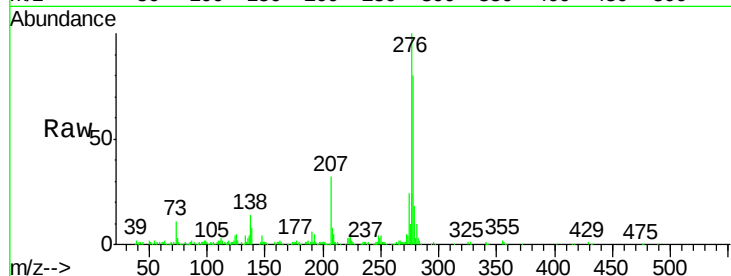
Tot Ion:278 Resp: 361474

Ion Ratio Lower Upper

278 100

139 9.7 5.8 8.8#

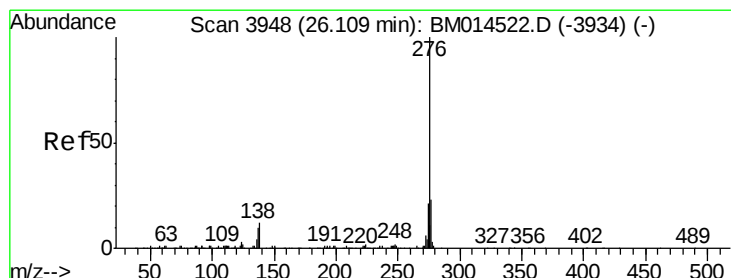
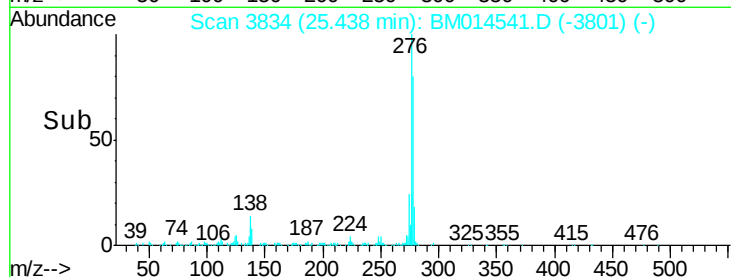
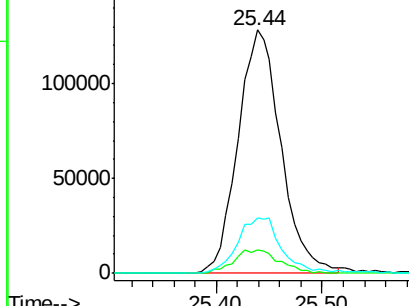
279 22.9 18.6 27.8



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: 22.595 ng/ul

RT: 26.10 min Scan# 3947

Delta R.T. -0.01 min

Lab File: BM014541.D

Acq: 13 Mar 2018 11:20

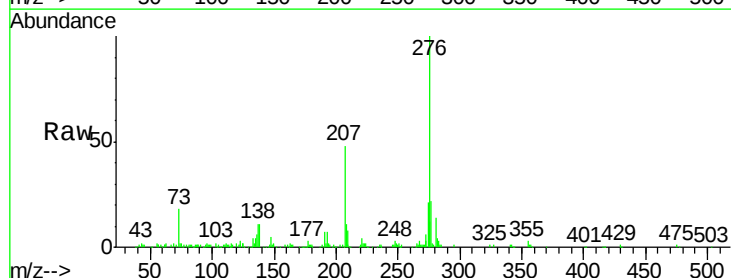
Tgt Ion:276 Resp: 359030

Ion Ratio Lower Upper

276 100

138 11.3 8.5 12.7

277 21.8 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

