

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120517\
 Data File : BM013191.D
 Acq On : 05 Dec 2017 16:32
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

Quant Time: Dec 05 17:15:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 05 16:20:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	236879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1065229	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	667787	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1555634	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1412149	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1106007	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	33686	7.04	ng/uL	0.00
5) Phenol-d5	6.89	99	410765	20.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	235199	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	326518	20.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	354760	20.26	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	172933	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	183469	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	364074	19.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	417147	24.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1145273	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1426224	19.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	191366	18.53	ng/ul	0.00
57) Fluorene-d10	15.34	176	975694	19.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	168867	17.26	ng/ul	0.00
70) Anthracene-d10	17.19	188	1515863	19.46	ng/ul	0.00
76) Pyrene-d10	19.49	212	1615470	22.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1099562	19.52	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	37112	6.912	ng/uL#	62
4) Benzaldehyde	6.86	77	213534	21.056	ng/ul	90
6) Phenol	6.92	94	404089	19.945	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.14	93	308163	19.893	ng/ul	99
10) 2-Chlorophenol	7.27	128	326051	20.763	ng/ul	96
11) 2-Methylphenol	8.15	108	311260	19.864	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	341800	21.014	ng/ul#	84
14) Acetophenone	8.53	105	535620	20.116	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.52	70	273702	20.407	ng/ul#	67
16) 4-Methylphenol	8.48	108	339964	20.288	ng/ul	96
17) Hexachloroethane	8.77	117	137438	20.102	ng/ul#	78
20) Nitrobenzene	8.90	77	407212	19.136	ng/ul#	89
21) Isophorone	9.42	82	768812	20.532	ng/ul	94
23) 2-Nitrophenol	9.60	139	188279	20.087	ng/ul#	82
24) 2,4-Dimethylphenol	9.67	107	403221	19.724	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	9.91	93	449438	20.509	ng/ul	97
27) 2,4-Dichlorophenol	10.14	162	348652	20.259	ng/ul#	94
28) Naphthalene	10.54	128	1082301	19.748	ng/ul	99
30) 4-Chloroaniline	10.65	127	400030	24.130	ng/ul	93
31) Hexachlorobutadiene	10.82	225	233368	18.721	ng/ul	94
32) Caprolactam	11.43	113	102752	18.682	ng/ul#	34
33) 4-Chloro-3-methylphenol	11.79	107	373113	19.764	ng/ul	94
34) 2-Methylnaphthalene	12.15	142	811825	19.705	ng/ul	96

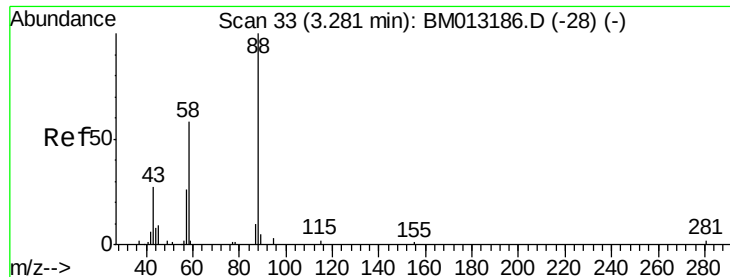
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120517\
 Data File : BM013191.D
 Acq On : 05 Dec 2017 16:32
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	455488	18.903	ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	262309	16.539	ng/ul	99
38) 2,4,6-Trichlorophenol	12.77	196	296459	19.735	ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	310392	19.452	ng/ul	95
40) 1,1'-Biphenyl	13.17	154	1093238	19.371	ng/ul	99
41) 2-Chloronaphthalene	13.22	162	861150	19.449	ng/ul	99
42) 2-Nitroaniline	13.43	65	258198	19.903	ng/ul	91
44) Dimethylphthalate	13.81	163	1097381	19.308	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	229712	19.817	ng/ul	96
47) Acenaphthylene	14.07	152	1320270	19.455	ng/ul	98
48) 3-Nitroaniline	14.26	138	221435	21.371	ng/ul	86
49) Acenaphthene	14.41	153	886092	19.168	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	104038	16.219	ng/ul	94
52) 4-Nitrophenol	14.57	109	174029	17.182	ng/ul	80
53) Dibenzofuran	14.74	168	1293624	18.955	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	328618	19.488	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.97	232	288628	19.727	ng/ul#	90
56) Diethylphthalate	15.18	149	1108543	19.447	ng/ul	94
58) Fluorene	15.40	166	1072350	18.994	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.40	204	571482	18.650	ng/ul	98
60) 4-Nitroaniline	15.43	138	240729	19.692	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.48	198	177424	18.143	ng/ul	95
64) N-Nitrosodiphenylamine	15.61	169	919541	20.066	ng/ul	97
65) 4-Bromophenyl-phenylether	16.29	248	360966	19.739	ng/ul	94
66) Hexachlorobenzene	16.40	284	386313	19.156	ng/ul#	93
67) Atrazine	16.57	200	357554	21.139	ng/ul	93
68) Pentachlorophenol	16.74	266	218523	18.735	ng/ul	98
69) Phenanthrene	17.13	178	1703631	19.277	ng/ul	99
71) Anthracene	17.23	178	1739026	19.250	ng/ul	99
72) Carbazole	17.50	167	1474515	18.976	ng/ul	99
73) Di-n-butylphthalate	18.07	149	1859067	20.495	ng/ul	98
74) Fluoranthene	19.15	202	1982737	18.307	ng/ul#	93
77) Pyrene	19.52	202	1950577	22.736	ng/ul#	91
78) Butylbenzylphthalate	20.43	149	809543	24.151	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.20	252	559829	18.859	ng/ul#	95
80) Benzo(a)anthracene	21.27	228	1767971	19.732	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.20	149	1165761	23.073	ng/ul#	98
82) Chrysene	21.32	228	1598391	19.229	ng/ul	99
84) Di-n-octyl phthalate	22.09	149	1801298	22.903	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	1515059	20.321	ng/ul#	97
86) Benzo(k)fluoranthene	22.89	252	1357184	19.343	ng/ul#	97
88) Benzo(a)pyrene	23.41	252	1298555	19.389	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.76	276	1321620	19.888	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.77	278	1124785	19.878	ng/ul#	96
91) Benzo(g,h,i)perylene	26.44	276	1065927	20.335	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 6.912 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

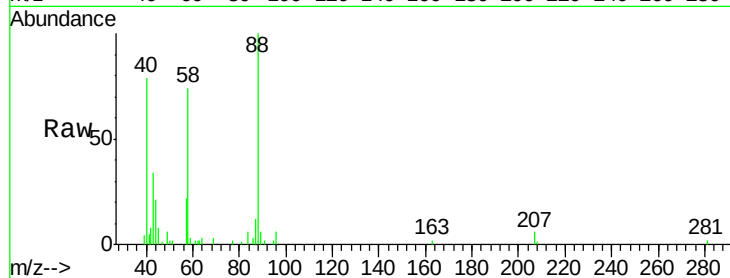
Tot Ion: 88 Resp: 37112

Ion Ratio Lower Upper

88 100

43 29.0 48.0 72.0#

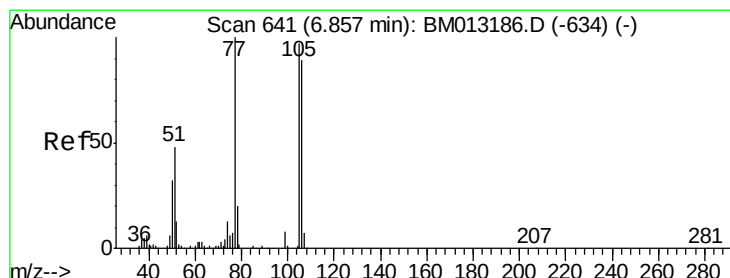
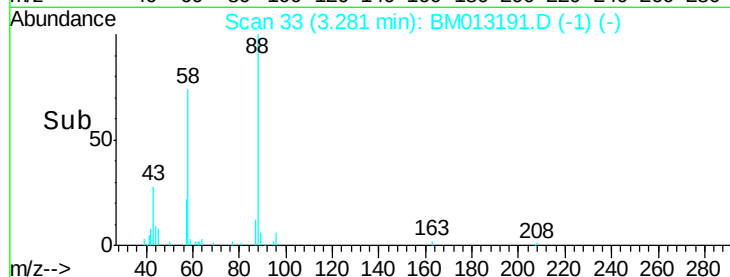
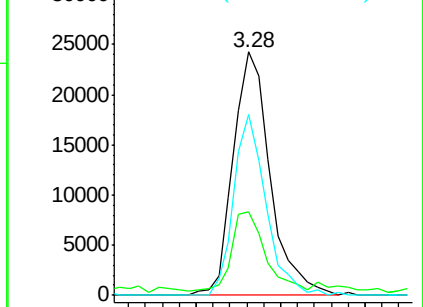
58 64.4 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013186.D (-28) (-)

Ion 43.00 (42.70 to 43.70): BM013186.D (-28) (-)

Ion 58.00 (57.70 to 58.70): BM013186.D (-28) (-)



#4

Benzaldehyde

Concen: 21.056 ng/uL

RT: 6.86 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

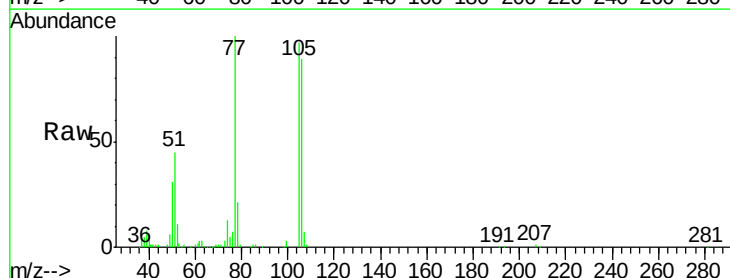
Tgt Ion: 77 Resp: 213534

Ion Ratio Lower Upper

77 100

105 97.0 66.1 99.1

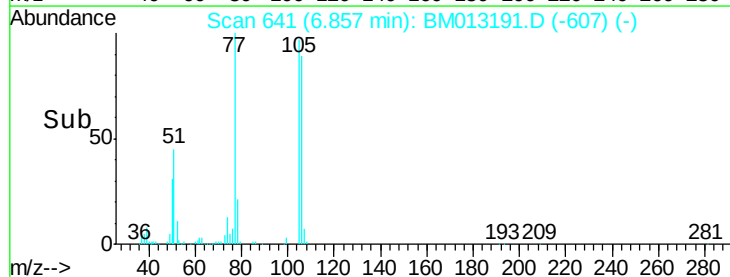
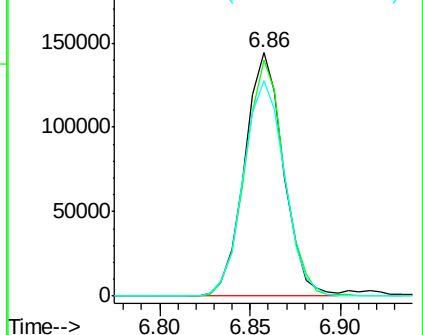
106 88.7 67.8 101.6

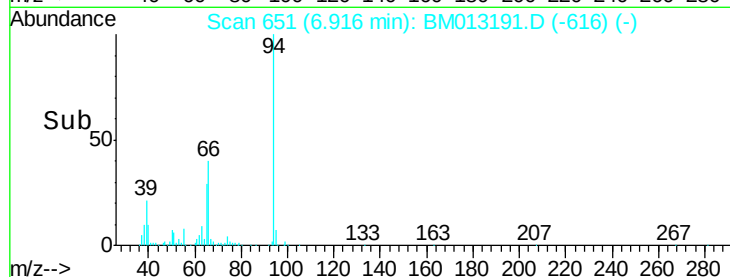
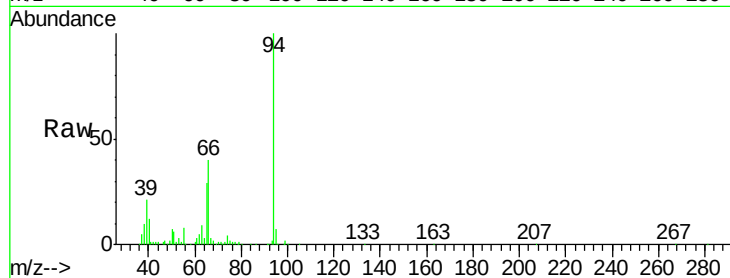
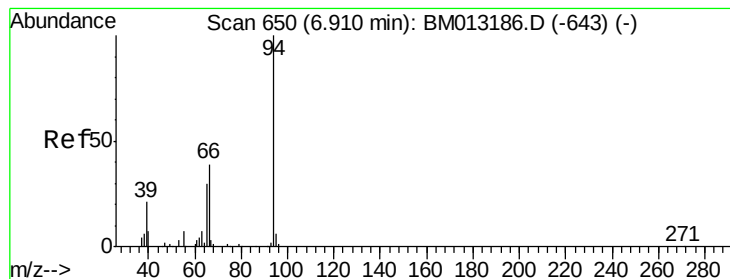


Abundance Ion 77.00 (76.70 to 77.70): BM013186.D (-634) (-)

Ion 105.00 (104.70 to 105.70): BM013186.D (-634) (-)

Ion 106.00 (105.70 to 106.70): BM013186.D (-634) (-)





#6

Phenol

Concen: 19.945 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

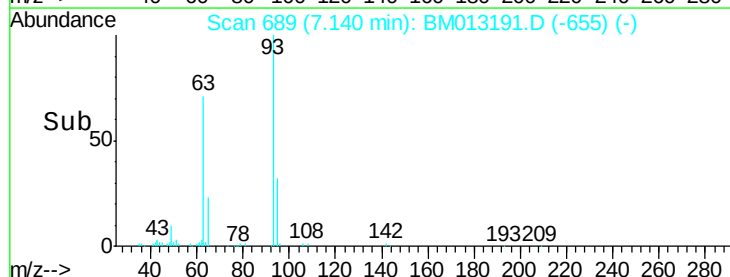
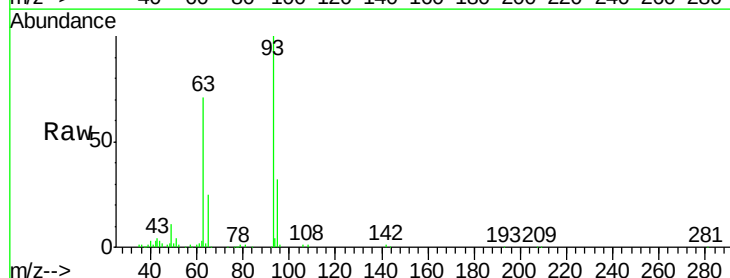
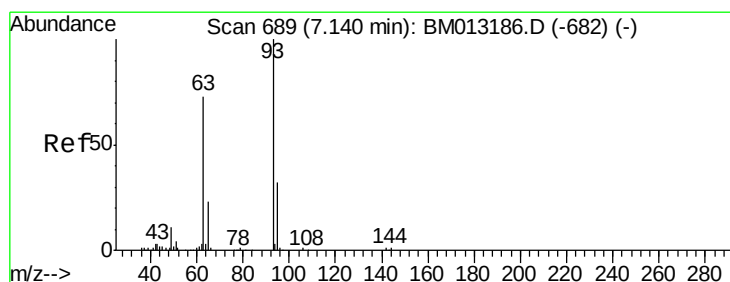
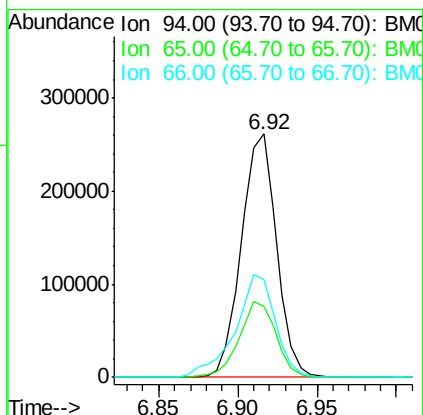
Tot Ion: 94 Resp: 404089

Ion Ratio Lower Upper

94 100

65 29.1 28.2 42.4

66 40.0 47.2 70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 19.893 ng/ul

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

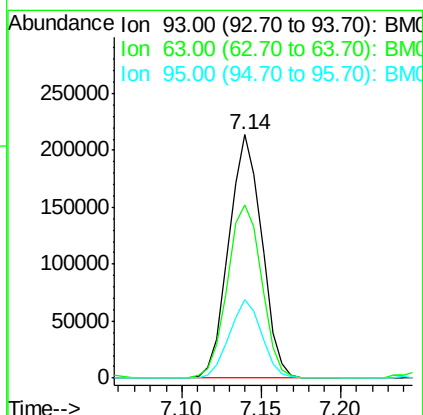
Tgt Ion: 93 Resp: 308163

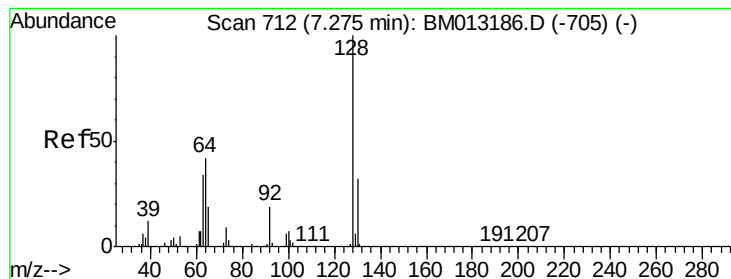
Ion Ratio Lower Upper

93 100

63 71.0 57.3 85.9

95 32.2 26.6 39.8





#10

2-Chlorophenol

Concen: 20.763 ng/ul

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

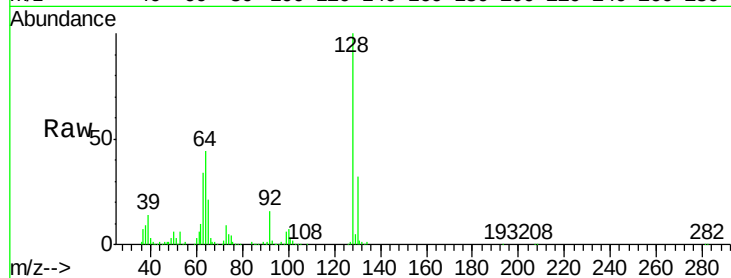
Tot Ion:128 Resp: 326051

Ion Ratio Lower Upper

128 100

64 44.3 38.0 57.0

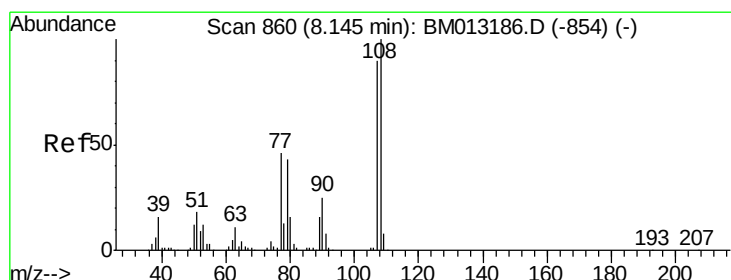
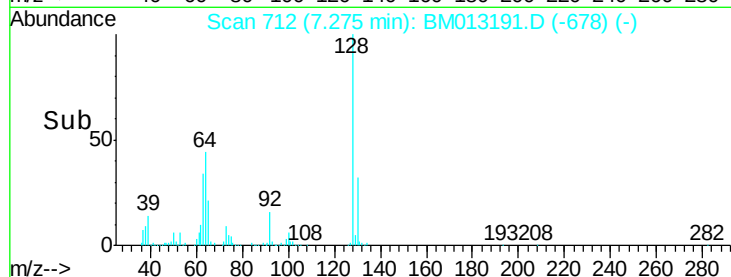
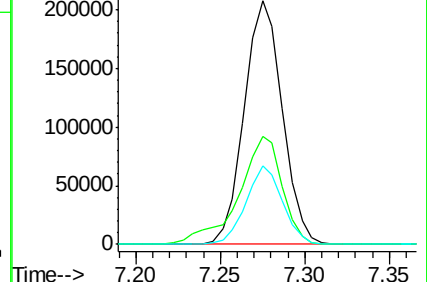
130 32.4 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.864 ng/ul

RT: 8.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BM013191.D

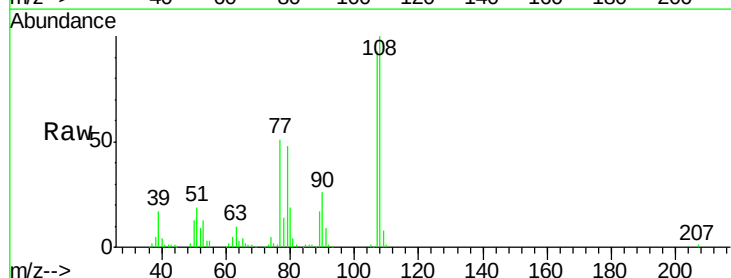
Acq: 05 Dec 2017 16:32

Tgt Ion:108 Resp: 311260

Ion Ratio Lower Upper

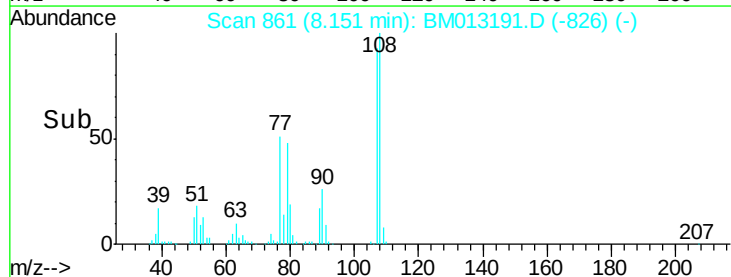
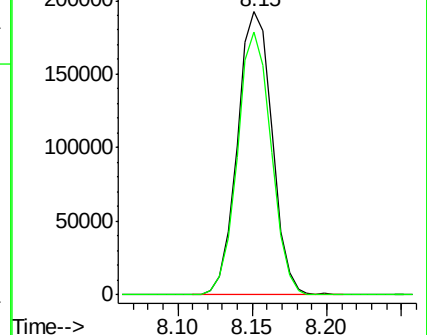
108 100

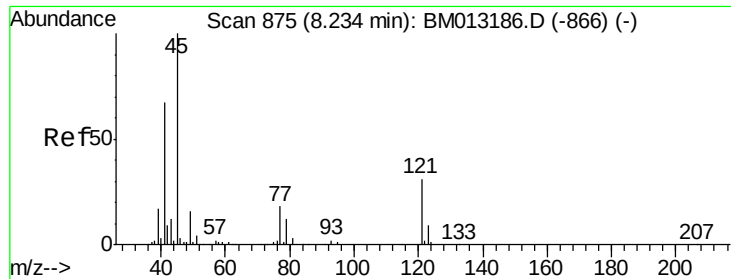
107 92.7 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

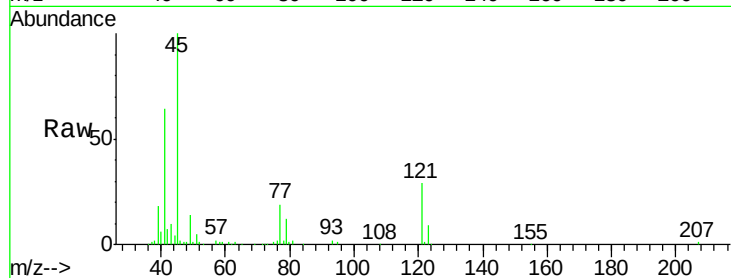




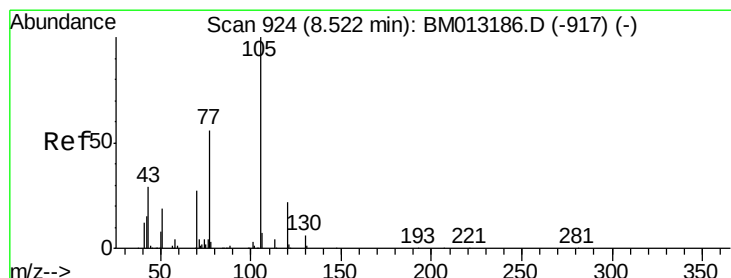
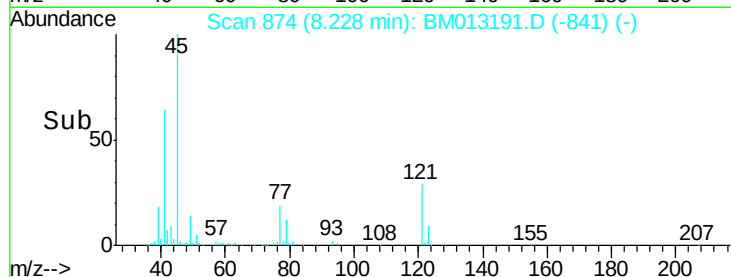
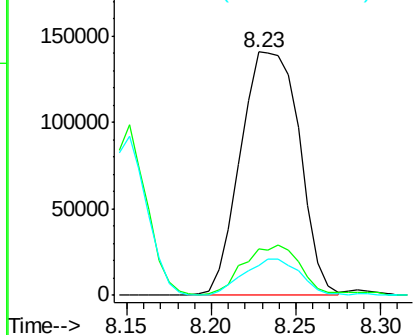
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 21.014 ng/ul
RT: 8.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

Instrument :
BNA_M
ClientSampleId :
SSTD02015

Tot Ion: 45 Resp: 341800
Ion Ratio Lower Upper
45 100
77 19.2 8.0 12.0#
79 12.4 8.0 12.0#

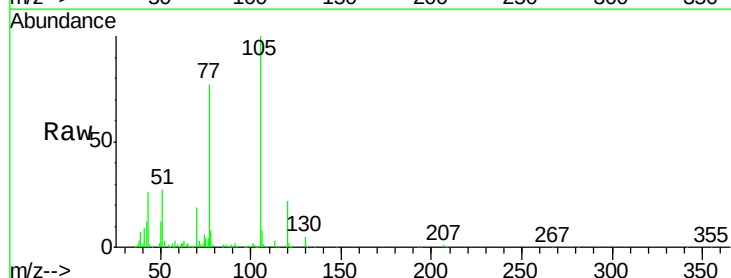


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

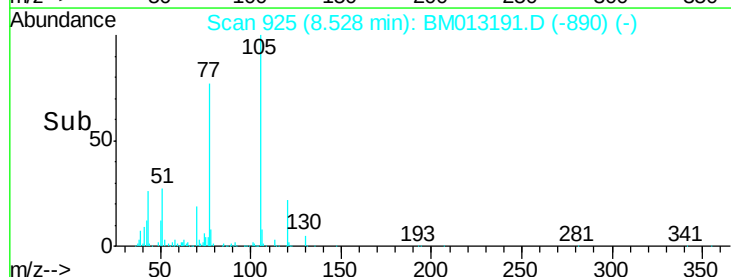
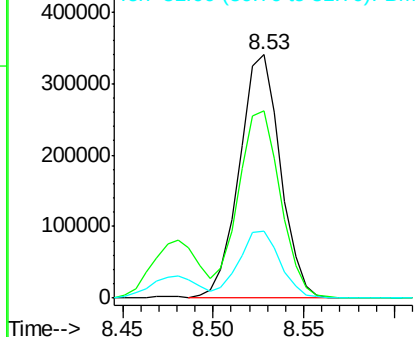


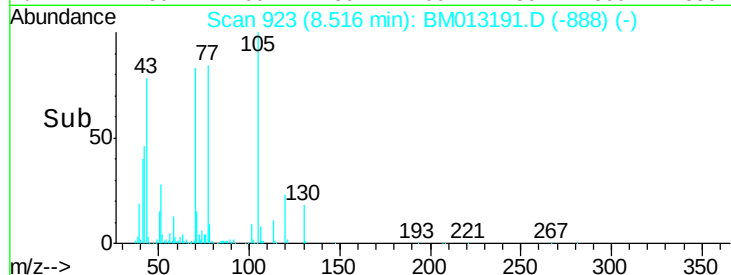
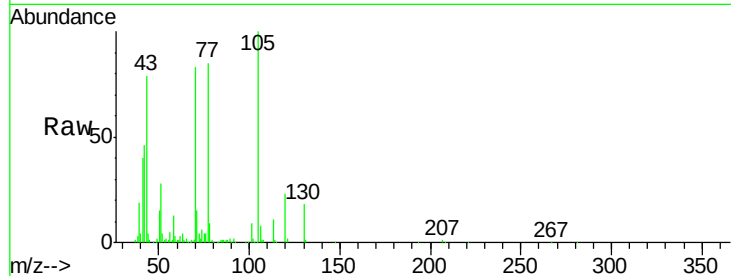
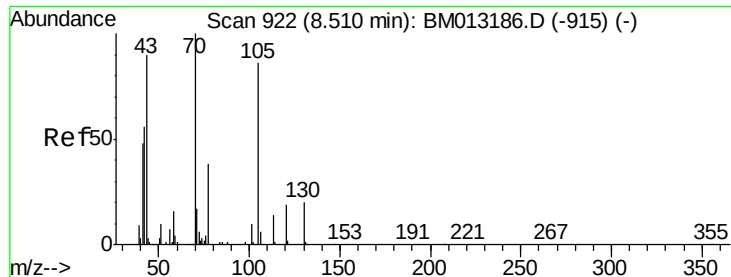
#14
Acetophenone
Concen: 20.116 ng/ul
RT: 8.53 min Scan# 925
Delta R.T. 0.01 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

Tgt Ion:105 Resp: 535620
Ion Ratio Lower Upper
105 100
77 77.2 74.2 111.4
51 27.4 23.4 35.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0

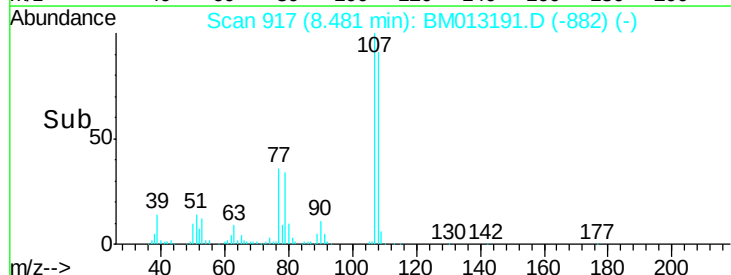
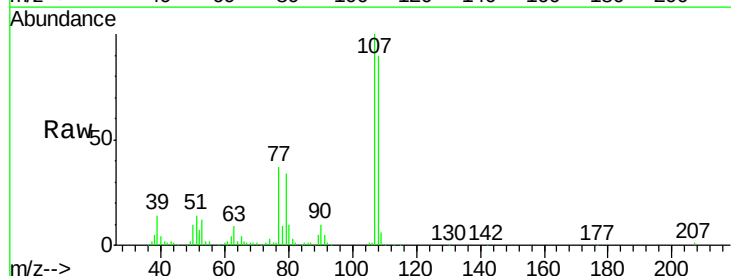
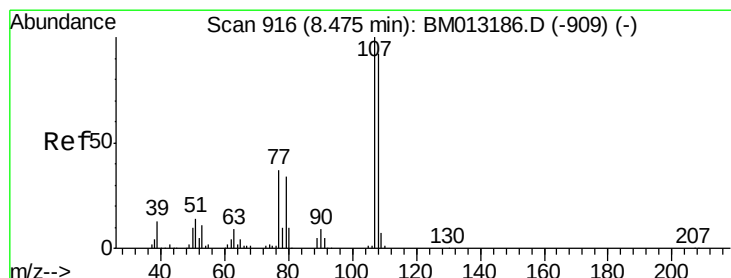
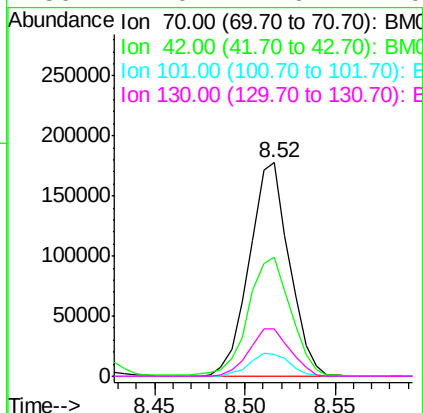




#15
N-Nitroso-di-n-propylamine
Concen: 20.407 ng/ul
RT: 8.52 min Scan# 923
Delta R.T. 0.01 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

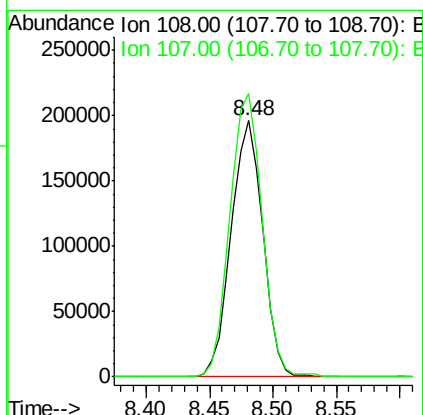
Instrument :
BNA_M
ClientSampleId :
SSTD02015

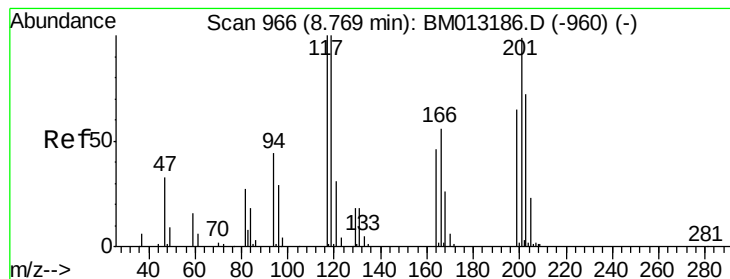
Tot Ion: 70 Resp: 273702
Ion Ratio Lower Upper
70 100
42 55.9 76.0 114.0#
101 10.4 6.7 10.1#
130 22.0 14.6 22.0#



#16
4-Methylphenol
Concen: 20.288 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

Tgt Ion: 108 Resp: 339964
Ion Ratio Lower Upper
108 100
107 110.6 84.9 127.3





#17

Hexachloroethane

Concen: 20.102 ng/ul

RT: 8.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

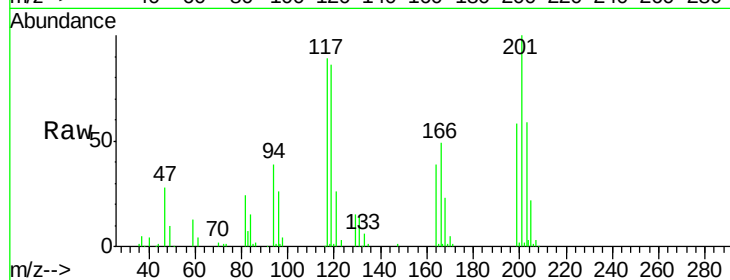
Tot Ion:117 Resp: 137438

Ion Ratio Lower Upper

117 100

201 112.5 111.6 167.4

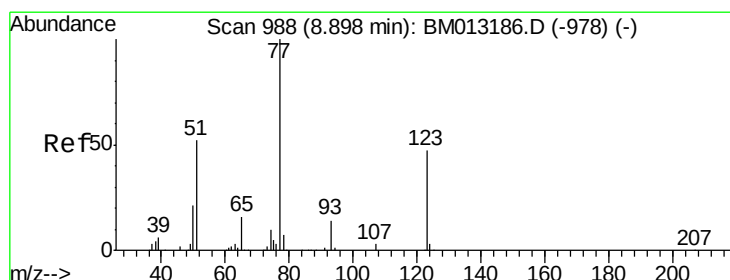
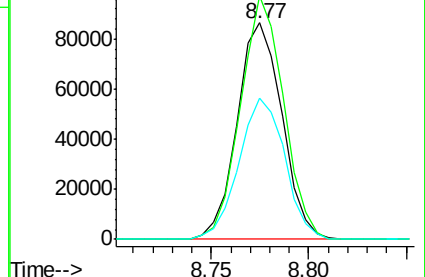
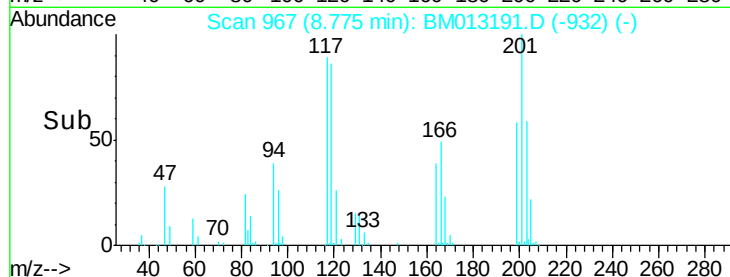
199 65.2 67.8 101.6#



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: 19.136 ng/ul

RT: 8.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

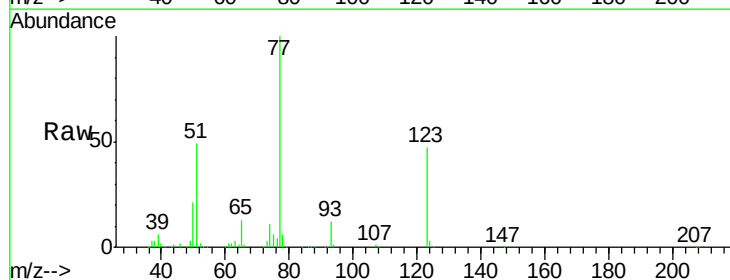
Tgt Ion: 77 Resp: 407212

Ion Ratio Lower Upper

77 100

123 46.9 31.0 46.6#

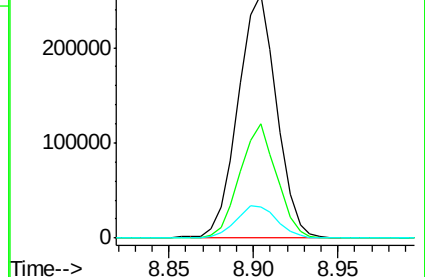
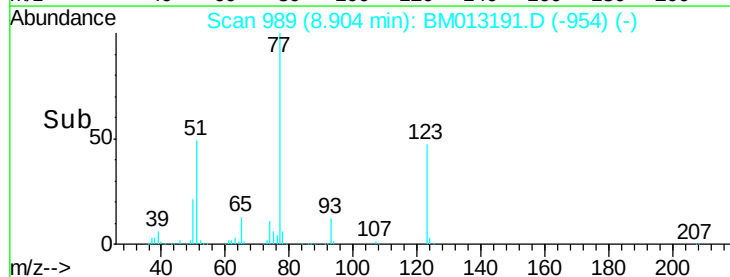
65 12.9 12.2 18.2

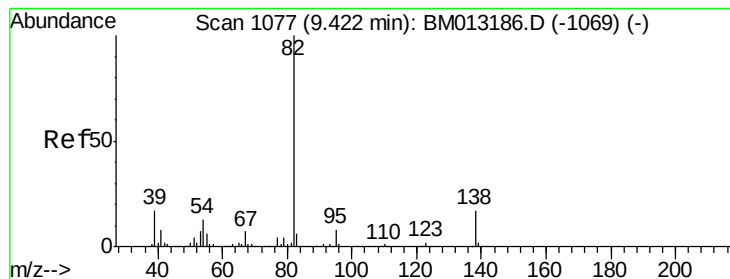


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 20.532 ng/ul

RT: 9.42 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

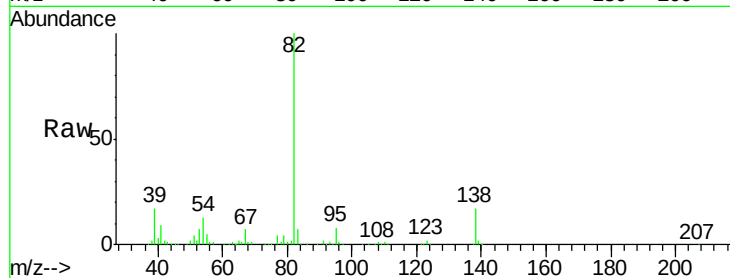
Tot Ion: 82 Resp: 768812

Ion Ratio Lower Upper

82 100

95 7.9 7.8 11.8

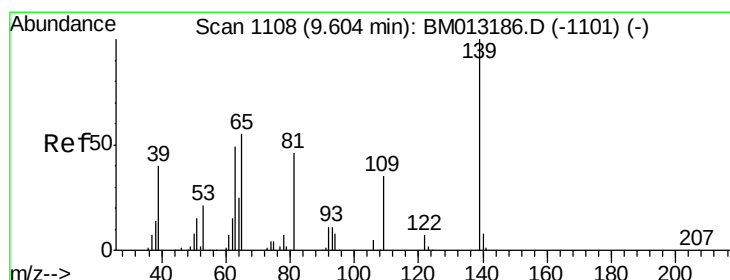
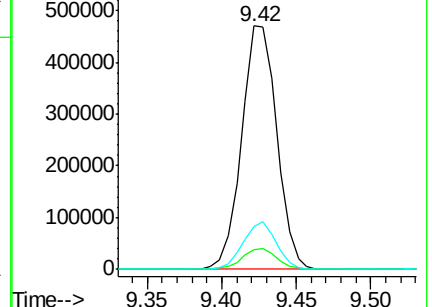
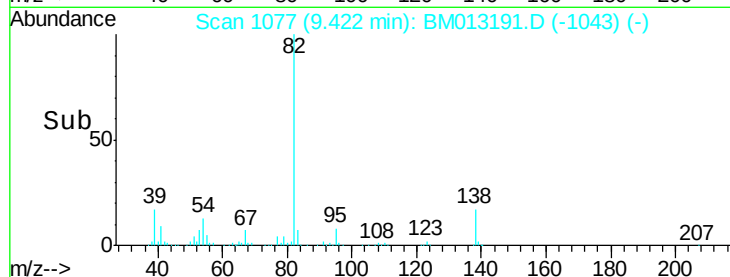
138 17.5 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM013191.D (-1043) (-)

Ion 95.00 (94.70 to 95.70): BM013191.D (-1043) (-)

Ion 138.00 (137.70 to 138.70): BM013191.D (-1043) (-)



#23

2-Nitrophenol

Concen: 20.087 ng/ul

RT: 9.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

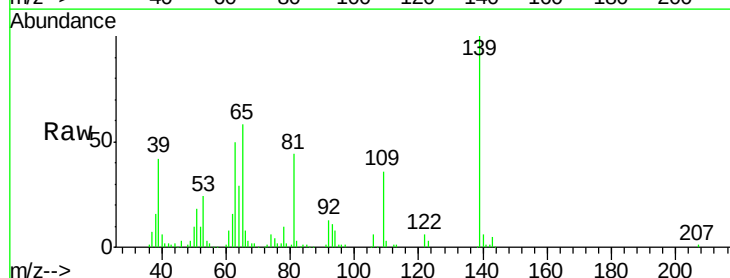
Tgt Ion: 139 Resp: 188279

Ion Ratio Lower Upper

139 100

65 57.6 55.4 83.0

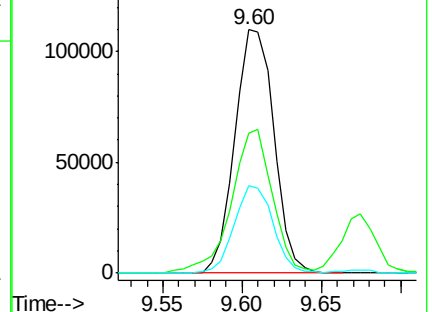
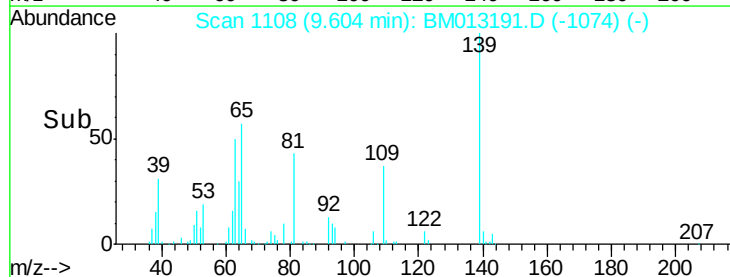
109 36.2 42.2 63.2#

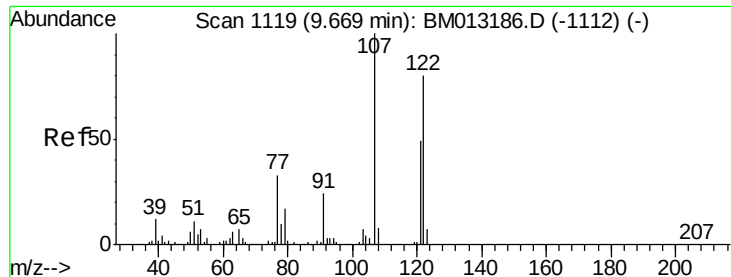


Abundance Ion 139.00 (138.70 to 139.70): BM013191.D (-1074) (-)

Ion 65.00 (64.70 to 65.70): BM013191.D (-1074) (-)

Ion 109.00 (108.70 to 109.70): BM013191.D (-1074) (-)





#24

2,4-Dimethylphenol

Concen: 19.724 ng/ul

RT: 9.67 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

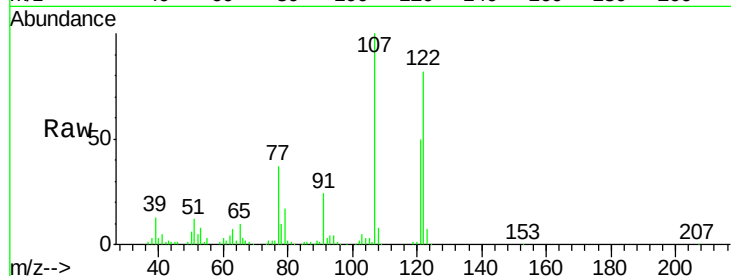
Tot Ion: 107 Resp: 403221

Ion Ratio Lower Upper

107 100

121 49.6 31.9 47.9#

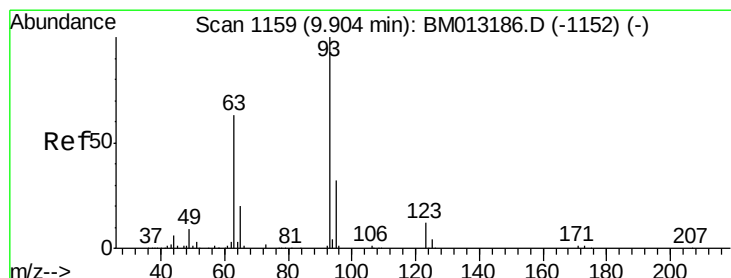
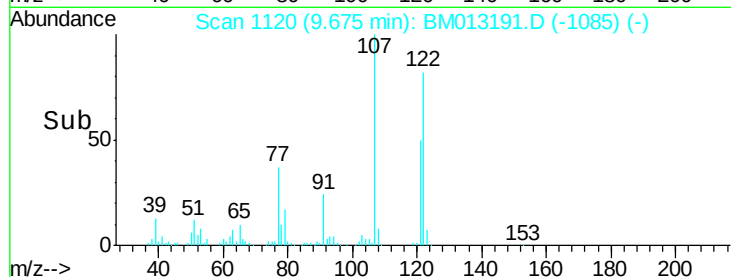
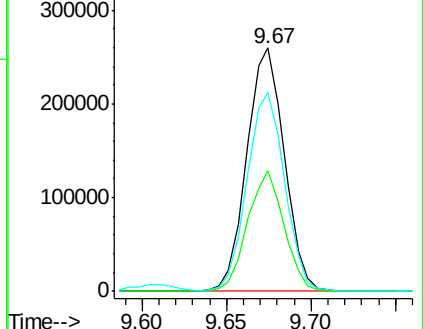
122 81.9 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 20.509 ng/ul

RT: 9.91 min Scan# 1160

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

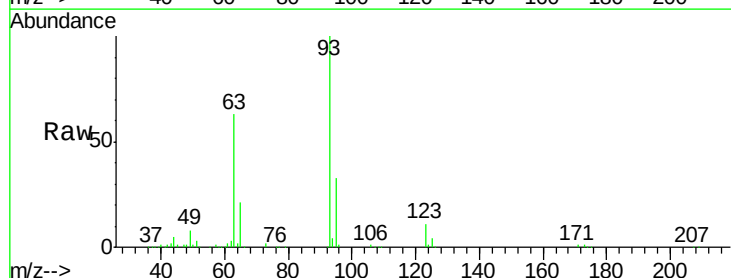
Tgt Ion: 93 Resp: 449438

Ion Ratio Lower Upper

93 100

95 33.2 28.5 42.7

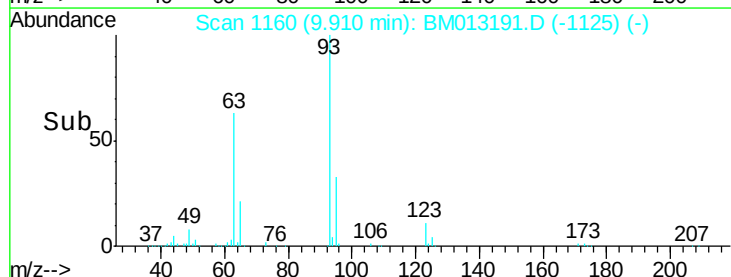
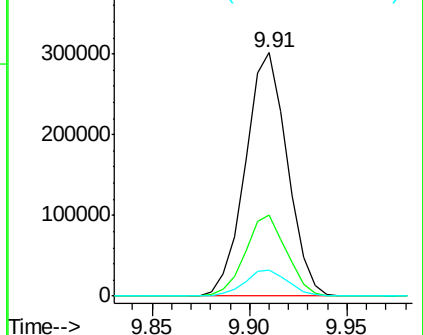
123 10.8 8.9 13.3

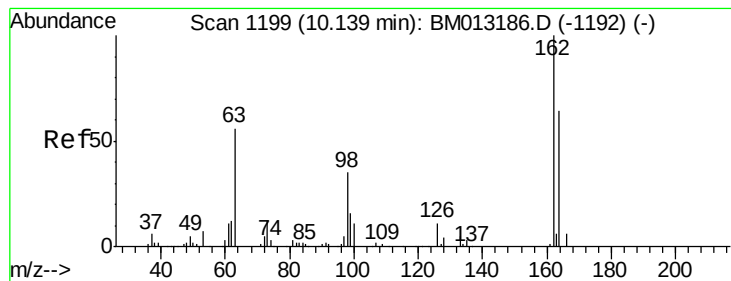


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 20.259 ng/ul

RT: 10.14 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

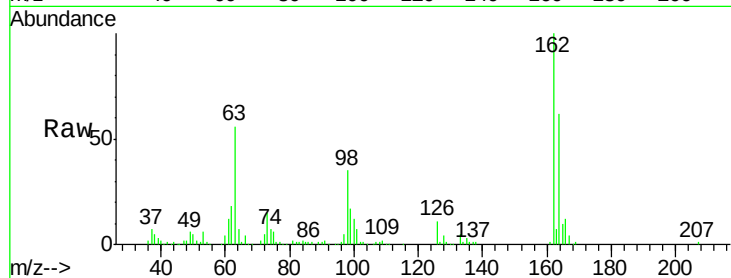
Tot Ion:162 Resp: 348652

Ion Ratio Lower Upper

162 100

164 62.0 47.8 71.6

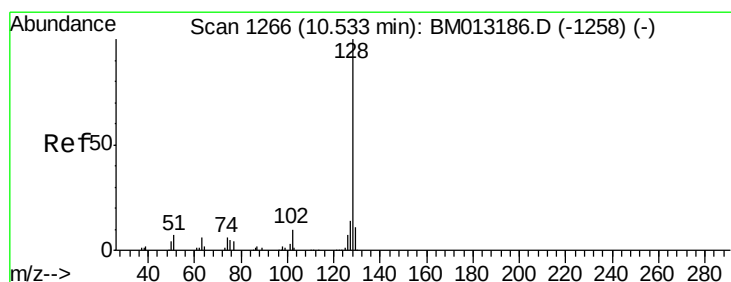
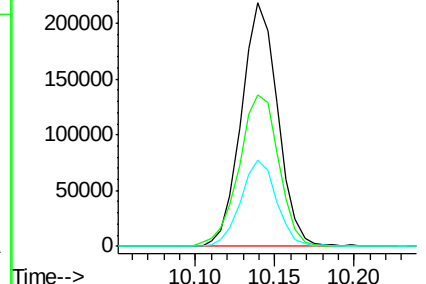
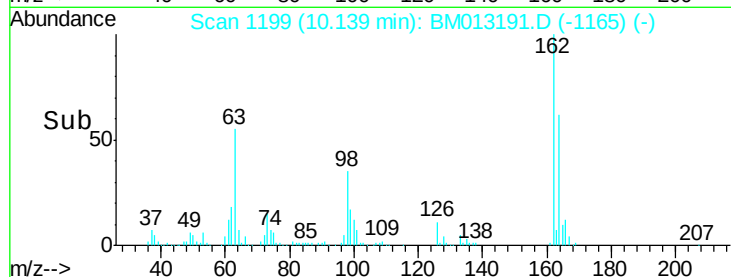
98 35.2 23.0 34.4#



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: 19.748 ng/ul

RT: 10.54 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

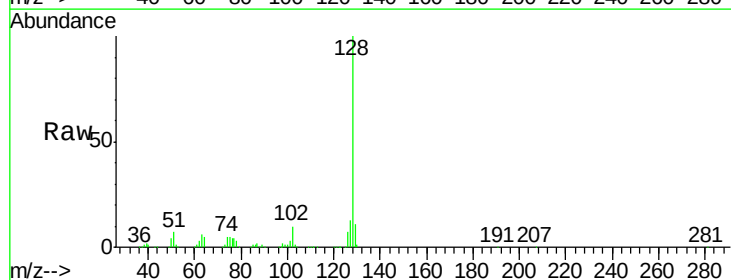
Tgt Ion:128 Resp: 1082301

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

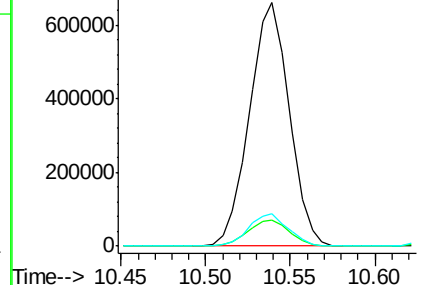
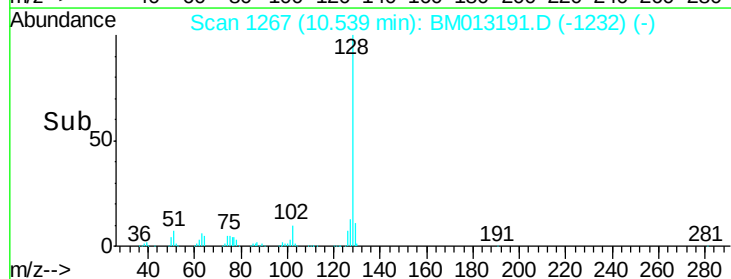
127 13.3 10.6 16.0

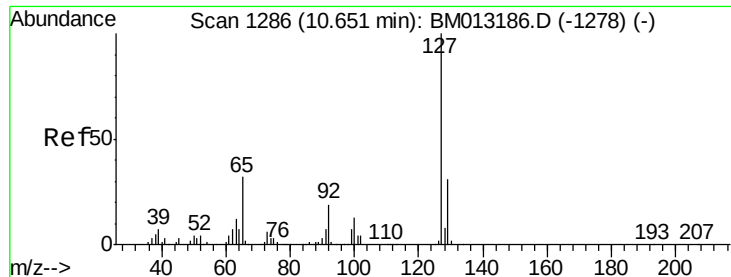


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

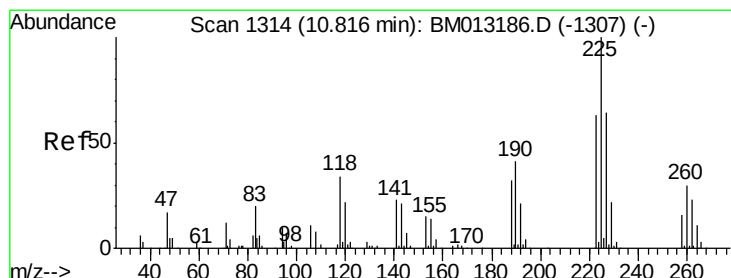
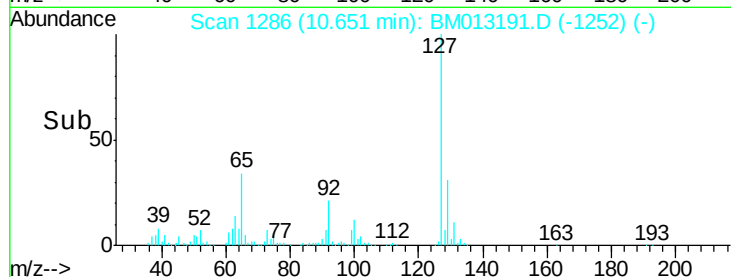
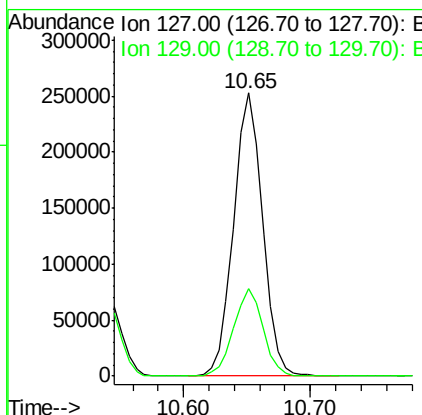
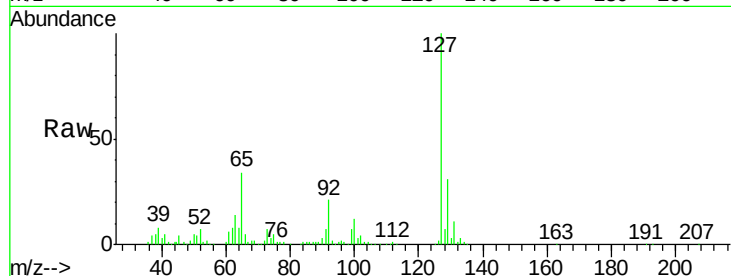




#30
4-Chloroaniline
Concen: 24.130 ng/ul
RT: 10.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

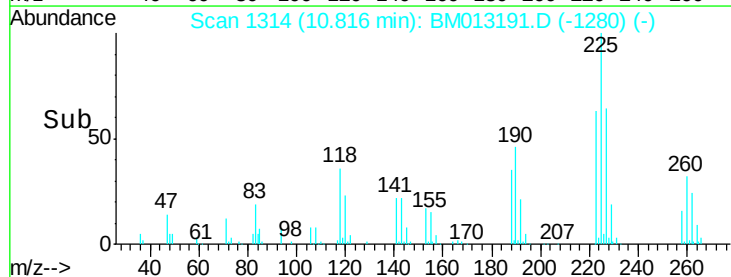
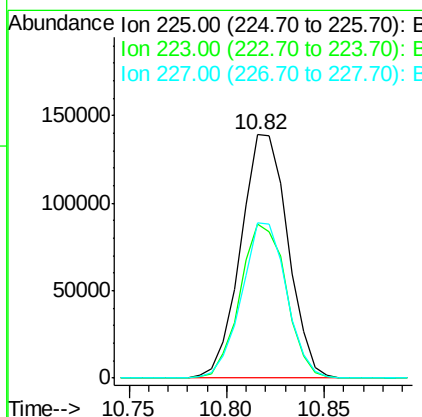
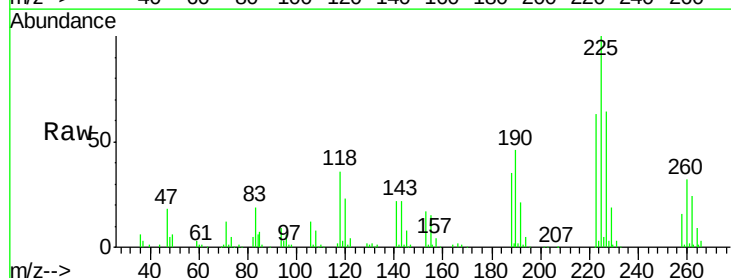
Instrument :
BNA_M
ClientSampleId :
SSTD02015

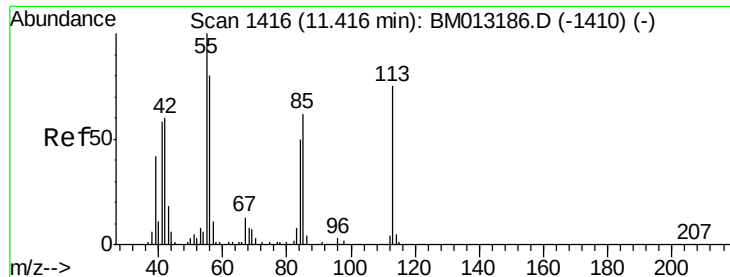
Tot Ion:127 Resp: 400030
Ion Ratio Lower Upper
127 100
129 31.1 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.721 ng/ul
RT: 10.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

Tgt Ion:225 Resp: 233368
Ion Ratio Lower Upper
225 100
223 63.5 49.4 74.2
227 63.6 45.4 68.2





#32

Caprolactam

Concen: 18.682 ng/ul

RT: 11.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

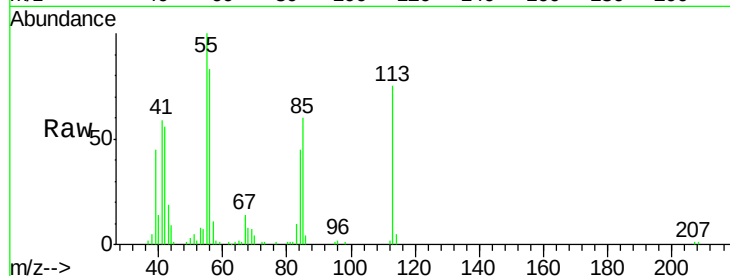
Tot Ion:113 Resp: 102752

Ion Ratio Lower Upper

113 100

55 132.8 208.0 312.0#

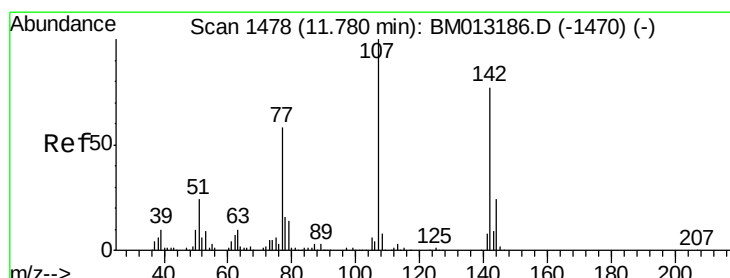
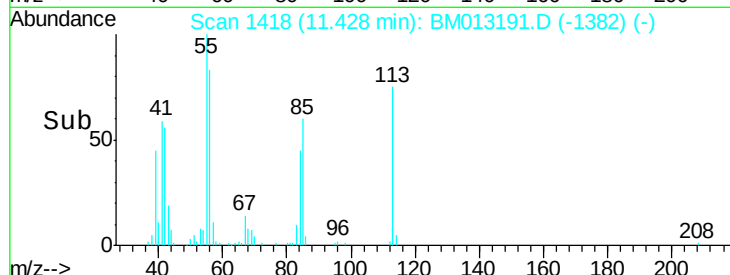
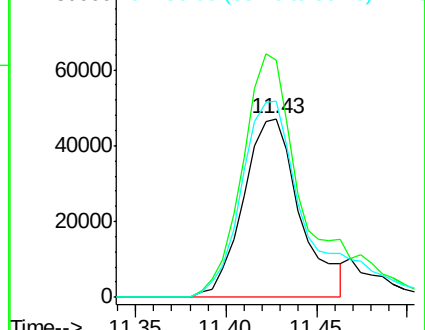
56 110.1 160.0 240.0#



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: 19.764 ng/ul

RT: 11.79 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

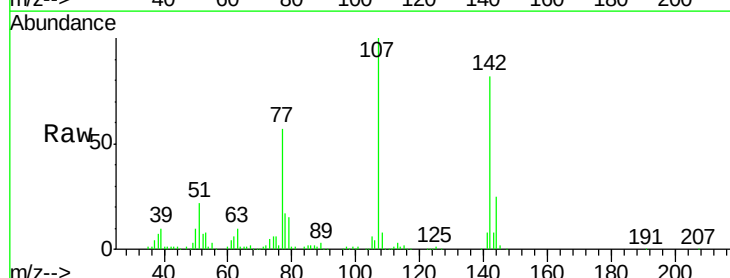
Tgt Ion:107 Resp: 373113

Ion Ratio Lower Upper

107 100

144 25.3 20.4 30.6

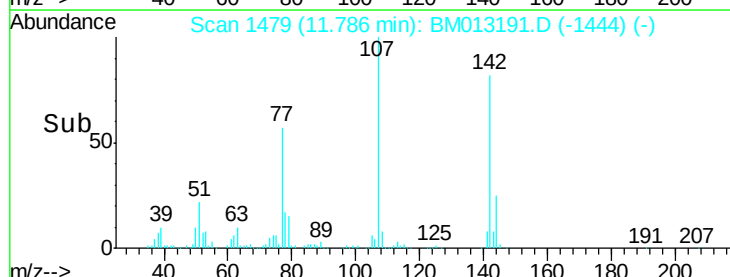
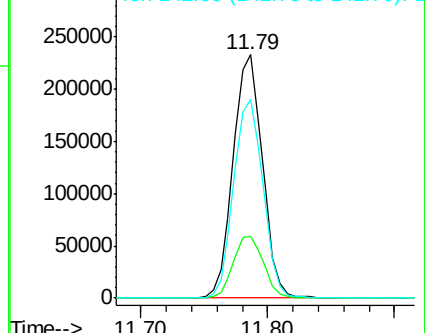
142 81.8 60.5 90.7

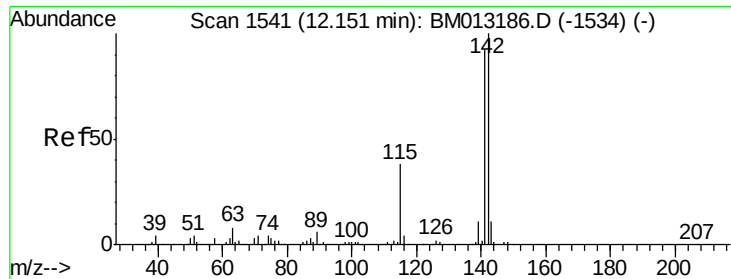


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

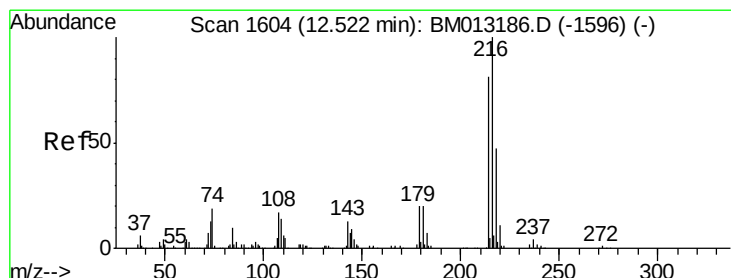
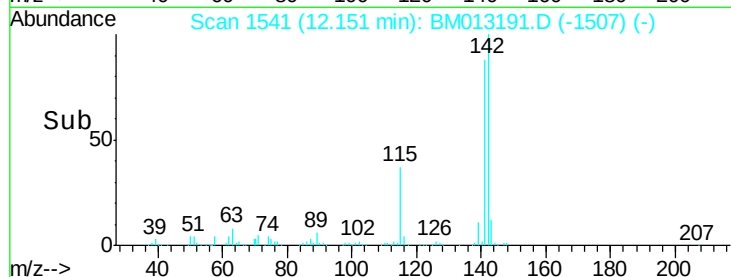
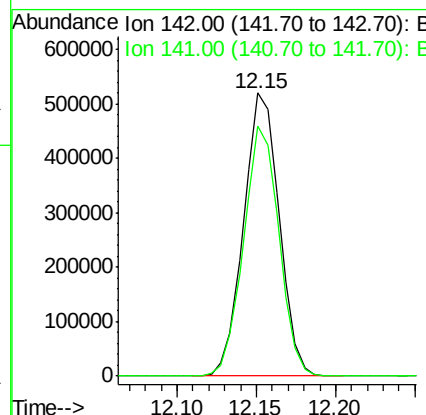
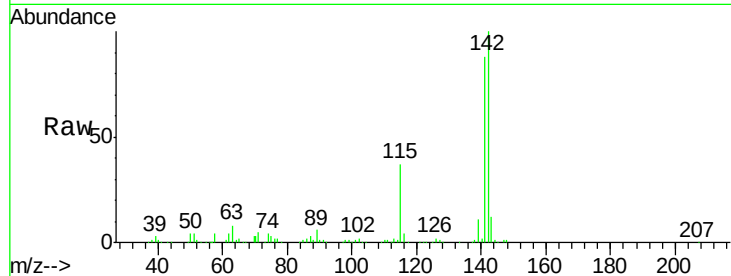




#34
 2-Methylnaphthalene
 Concen: 19.705 ng/ul
 RT: 12.15 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BM013191.D
 Acq: 05 Dec 2017 16:32

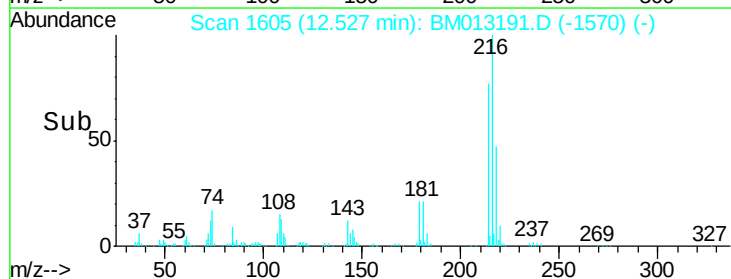
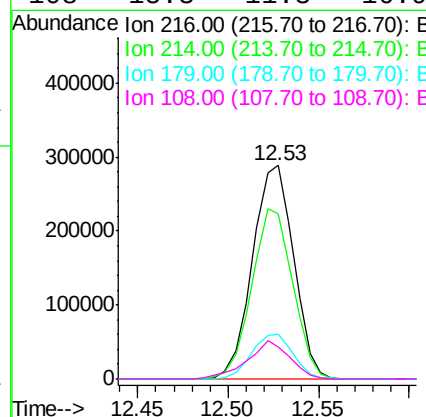
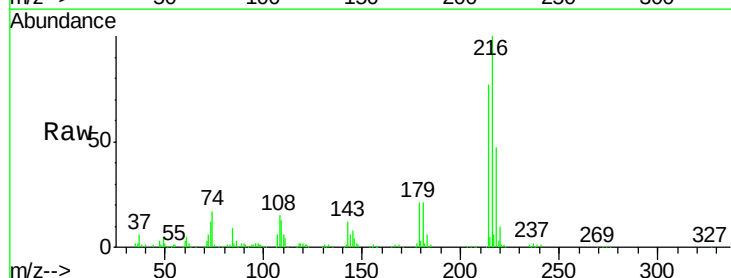
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

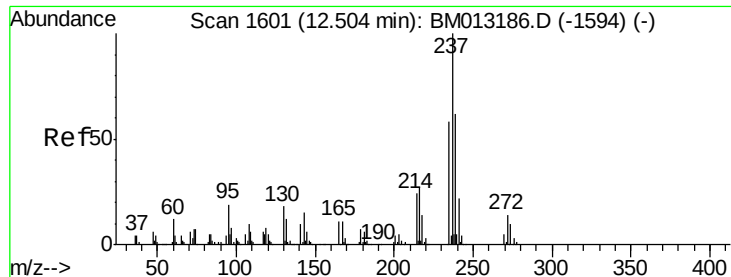
Tot Ion:142 Resp: 811825
 Ion Ratio Lower Upper
 142 100
 141 88.3 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.903 ng/ul
 RT: 12.53 min Scan# 1605
 Delta R.T. 0.01 min
 Lab File: BM013191.D
 Acq: 05 Dec 2017 16:32

Tgt Ion:216 Resp: 455488
 Ion Ratio Lower Upper
 216 100
 214 77.3 60.6 90.8
 179 21.0 17.5 26.3
 108 15.3 11.3 16.9

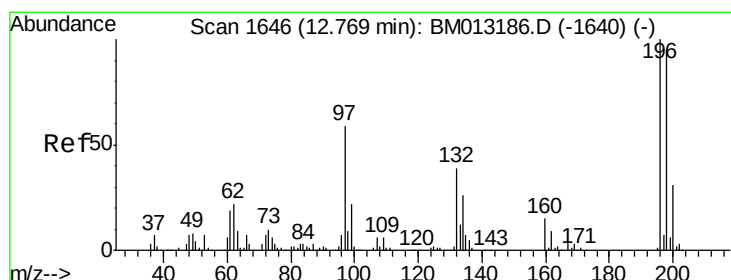
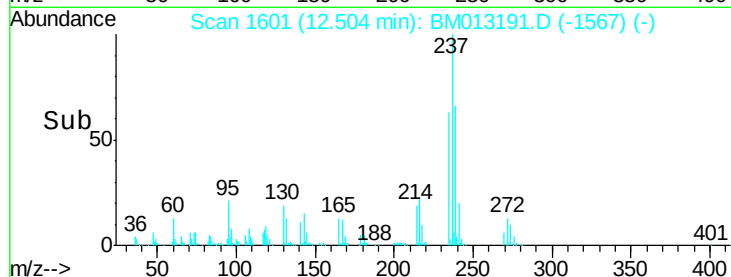
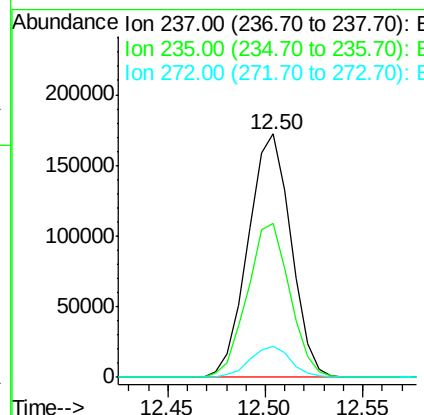
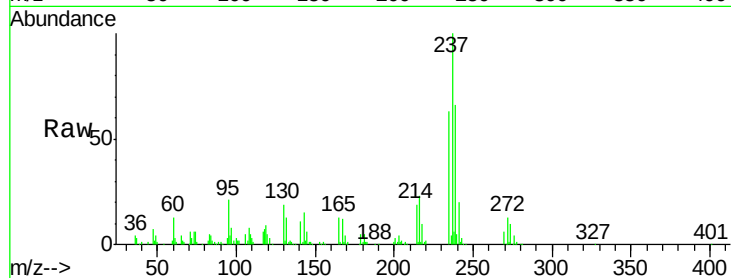




#37
Hexachlorocyclopentadiene
Concen: 16.539 ng/ul
RT: 12.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

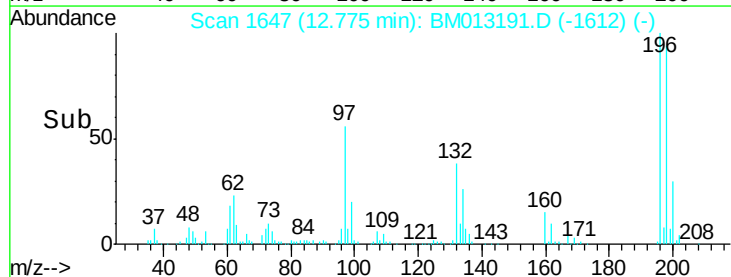
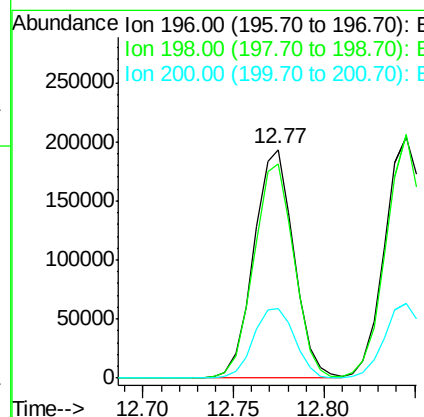
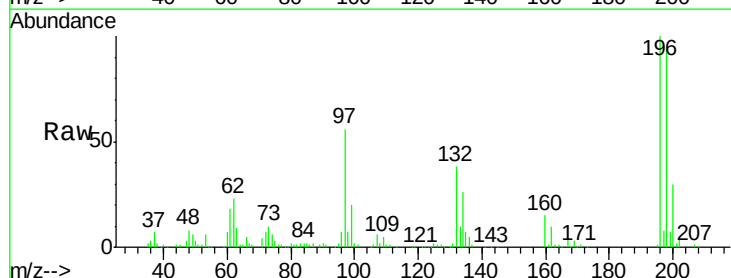
Instrument :
BNA_M
ClientSampleId :
SSTD02015

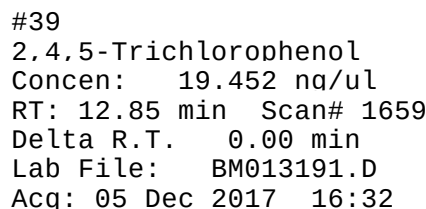
Tot Ion:237 Resp: 262309
Ion Ratio Lower Upper
237 100
235 63.3 50.2 75.4
272 12.9 11.0 16.6



#38
2,4,6-Trichlorophenol
Concen: 19.735 ng/ul
RT: 12.77 min Scan# 1647
Delta R.T. 0.01 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

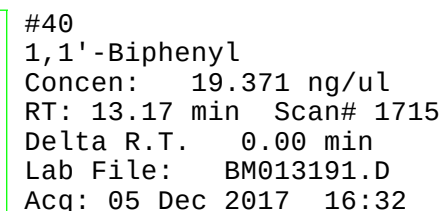
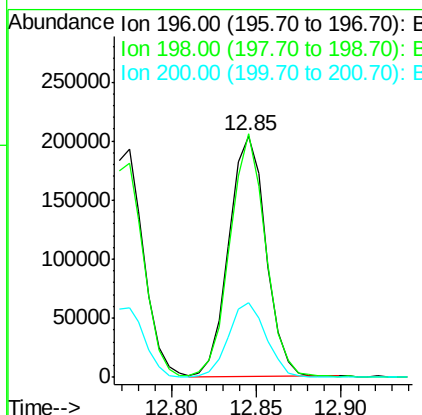
Tgt Ion:196 Resp: 296459
Ion Ratio Lower Upper
196 100
198 93.7 74.1 111.1
200 30.1 25.2 37.8



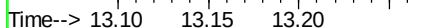
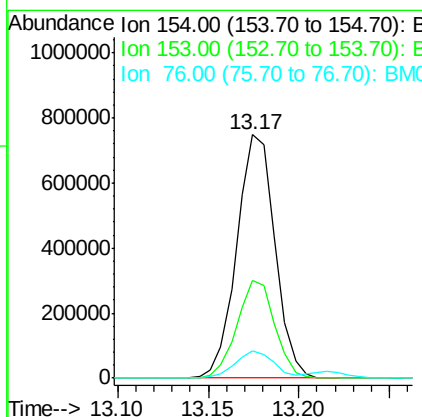


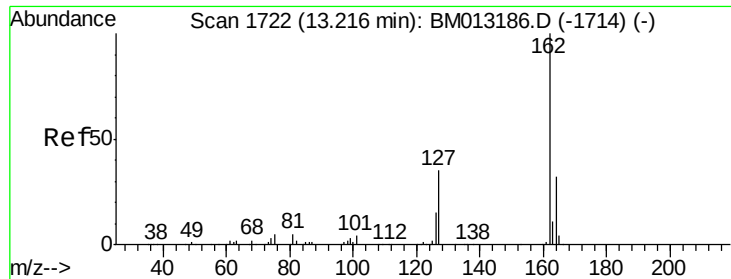
Instrument :
BNA_M
ClientSampleId :
SSTD02015

Tqt	Ion:196	Resp:	310392
Ion	Ratio	Lower	Upper
196	100		
198	100.9	75.6	113.4
200	30.8	25.5	38.3



Tgt	Ion:154	Resp:	1093238
Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.6	48.8
76	11.3	8.5	12.7

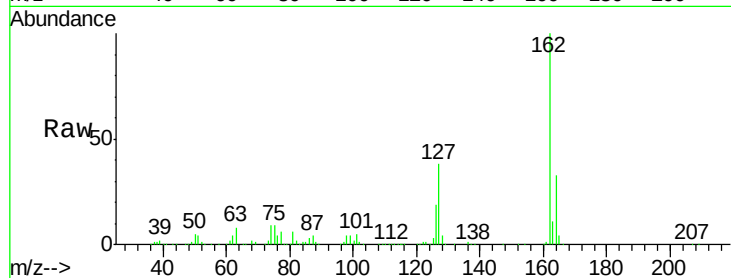




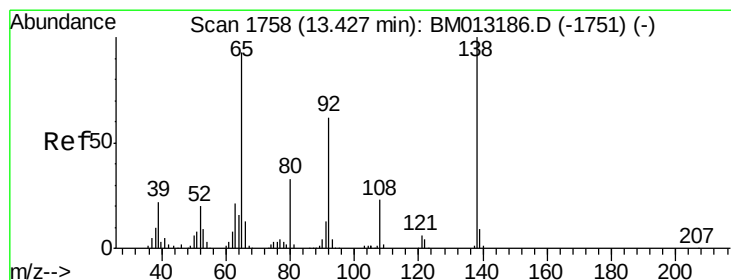
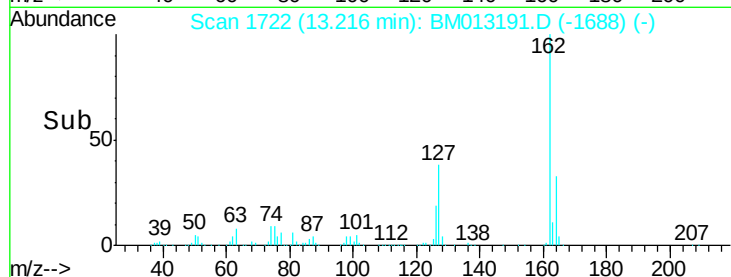
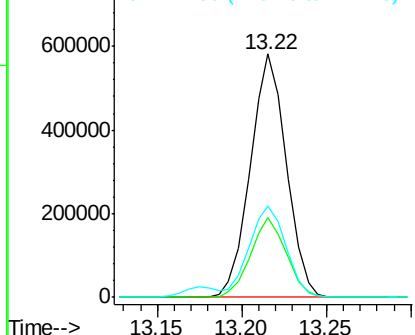
#41
2-Chloronaphthalene
Concen: 19.449 ng/ul
RT: 13.22 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

Instrument :
BNA_M
ClientSampleId :
SSTD02015

Tot Ion:162 Resp: 861150
Ion Ratio Lower Upper
162 100
164 32.6 25.9 38.9
127 37.5 29.4 44.2

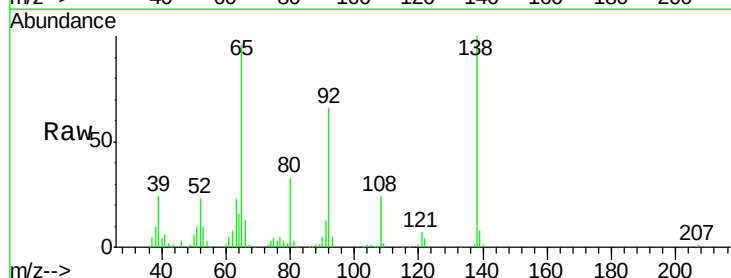


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

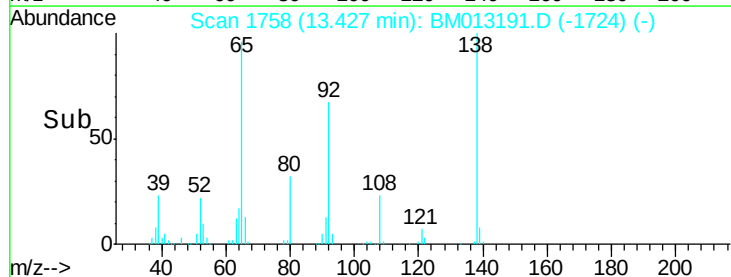
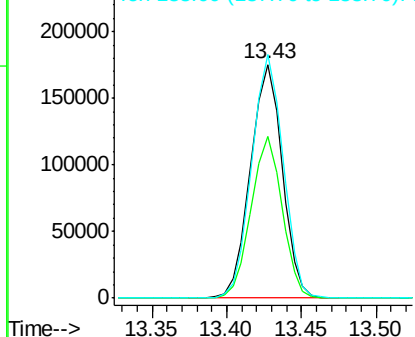


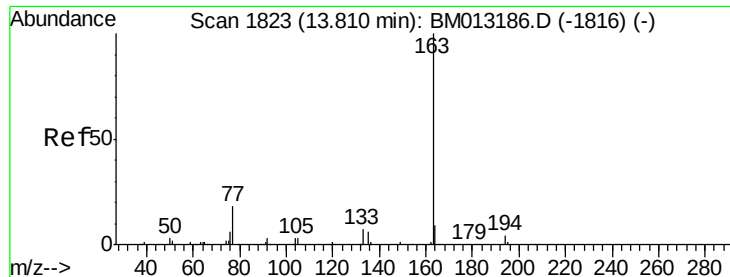
#42
2-Nitroaniline
Concen: 19.903 ng/ul
RT: 13.43 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

Tgt Ion: 65 Resp: 258198
Ion Ratio Lower Upper
65 100
92 69.1 51.8 77.6
138 104.3 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

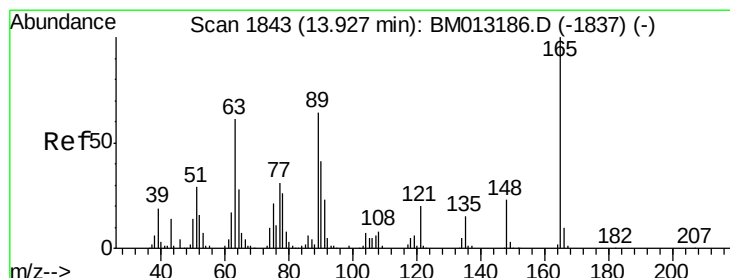
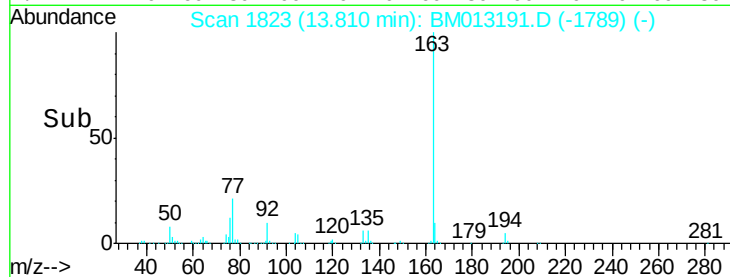
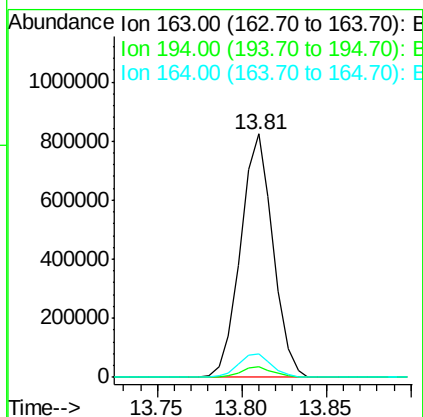
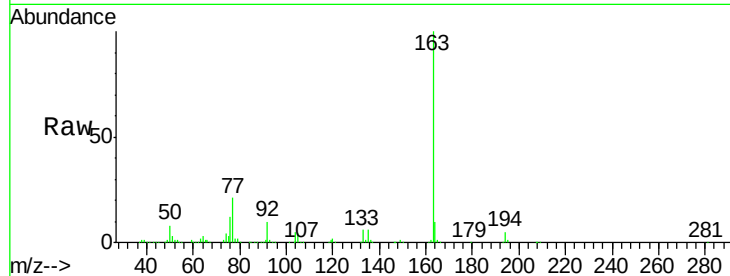




#44
Dimethylphthalate
Concen: 19.308 ng/ul
RT: 13.81 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

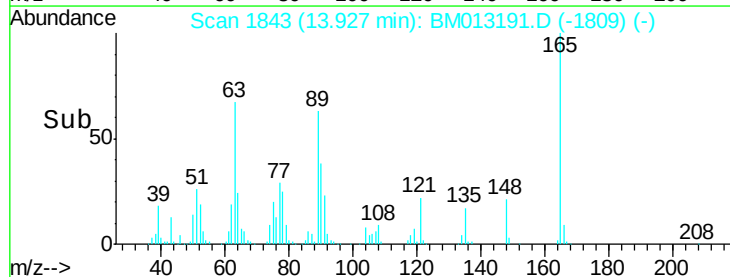
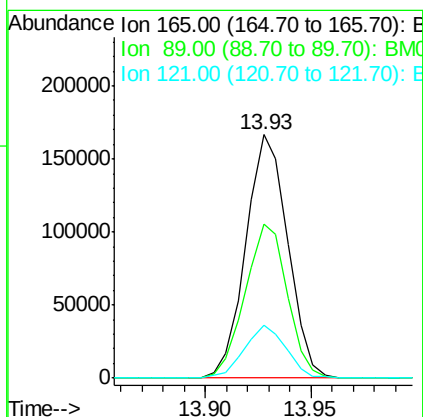
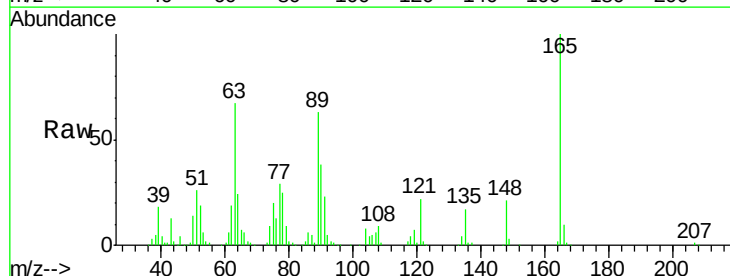
Instrument :
BNA_M
ClientSampleId :
SSTD02015

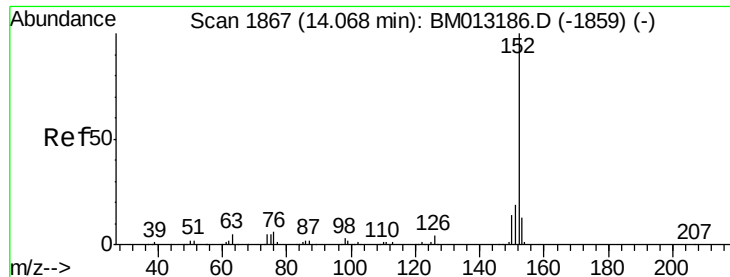
Tot Ion:163 Resp: 1097381
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 9.6 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 19.817 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

Tgt Ion:165 Resp: 229712
Ion Ratio Lower Upper
165 100
89 63.5 52.6 79.0
121 21.6 14.6 22.0





#47

Acenaphthylene

Concen: 19.455 ng/ul

RT: 14.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

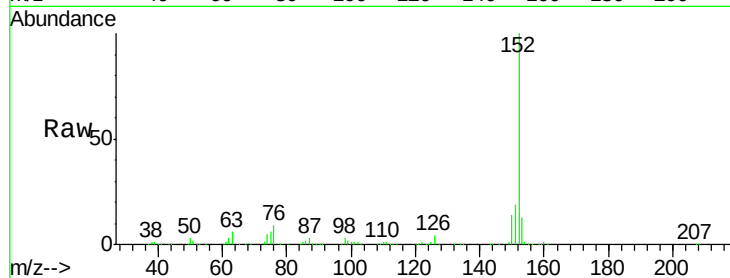
Tot Ion:152 Resp: 1320270

Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5

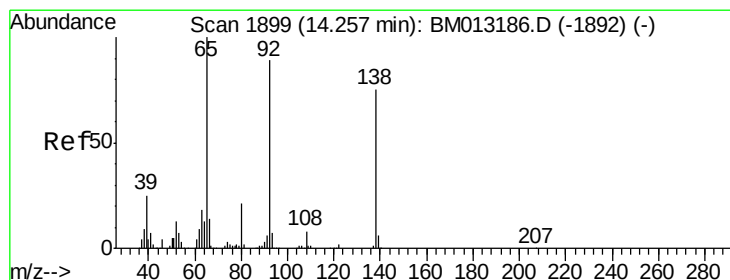
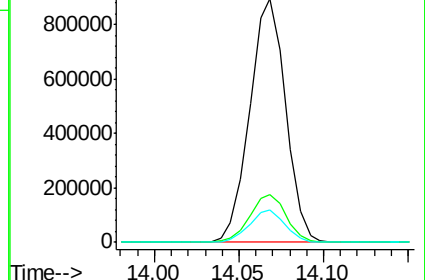
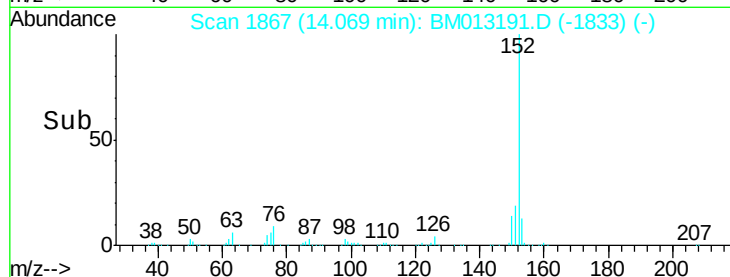
153 13.5 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 21.371 ng/ul

RT: 14.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

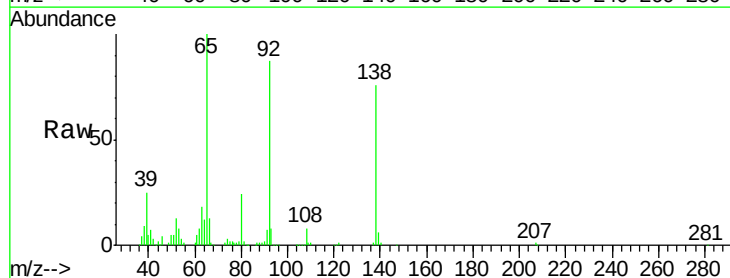
Tgt Ion:138 Resp: 221435

Ion Ratio Lower Upper

138 100

108 10.1 9.9 14.9

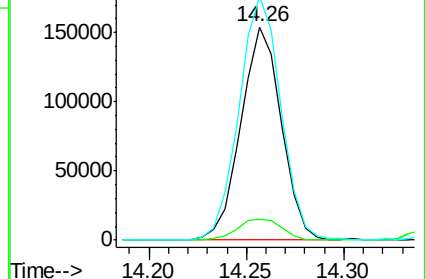
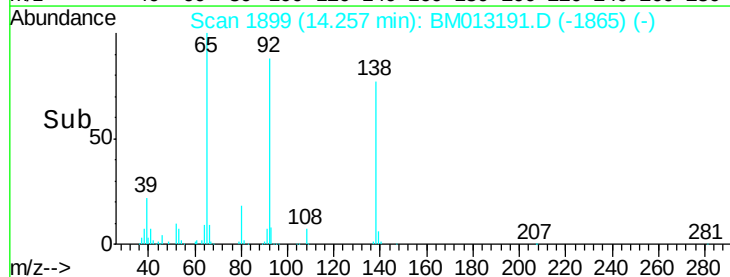
92 114.3 105.0 157.4

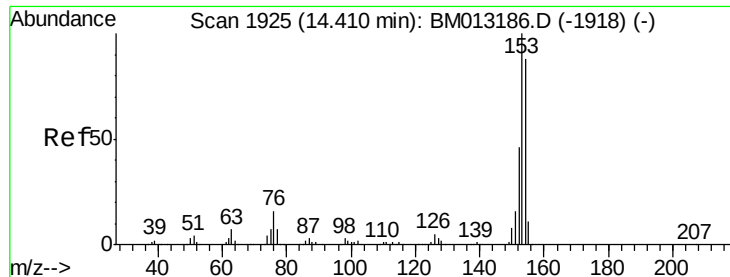


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.168 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

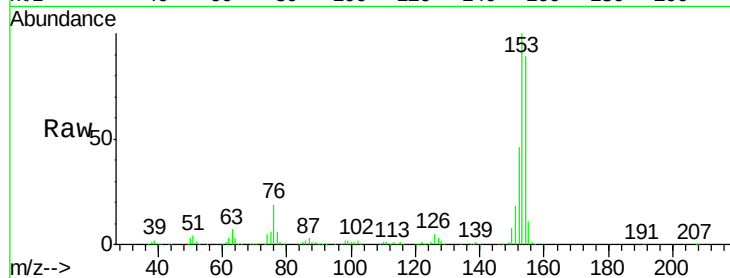
Tot Ion:153 Resp: 886092

Ion Ratio Lower Upper

153 100

152 45.7 37.6 56.4

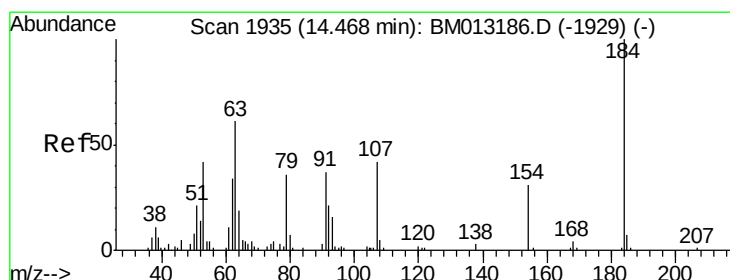
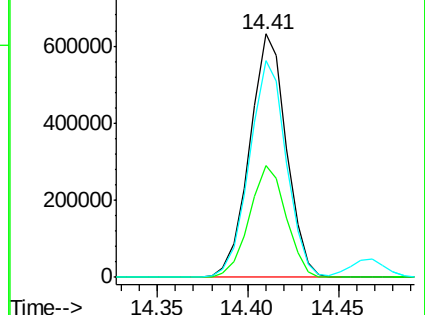
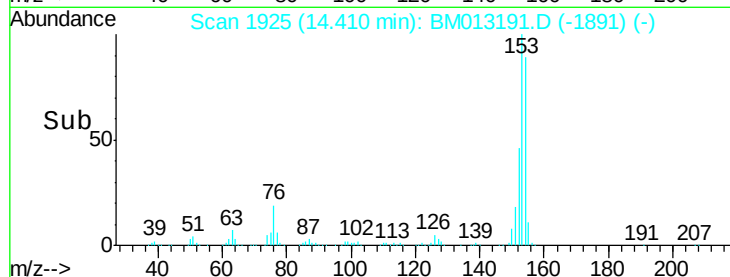
154 89.2 70.4 105.6



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: 16.219 ng/ul

RT: 14.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

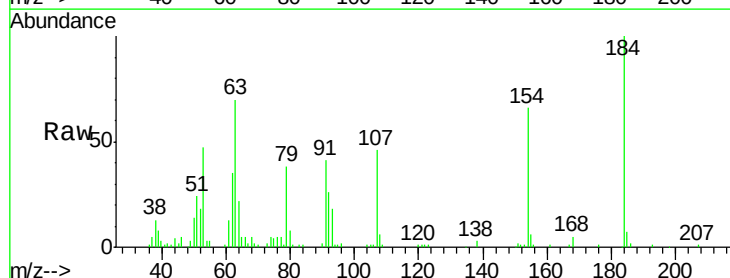
Tgt Ion:184 Resp: 104038

Ion Ratio Lower Upper

184 100

63 69.6 50.1 75.1

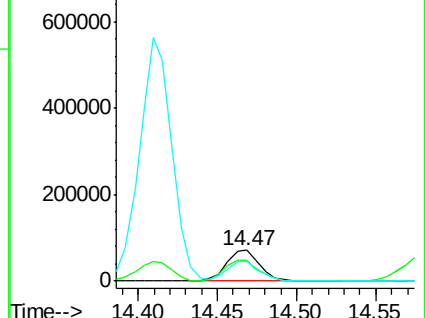
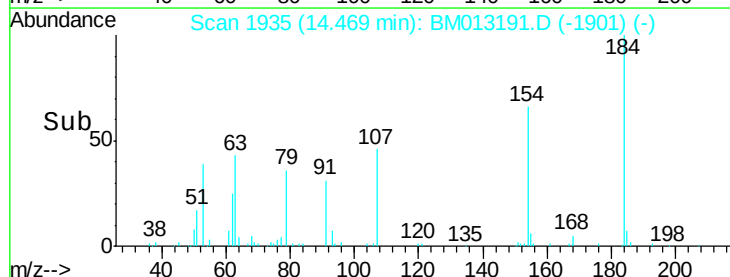
154 65.9 54.5 81.7

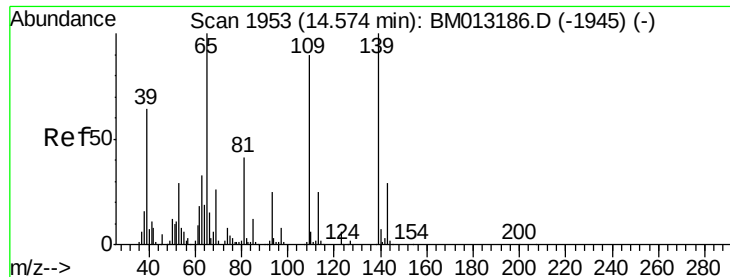


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 17.182 ng/ul

RT: 14.57 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

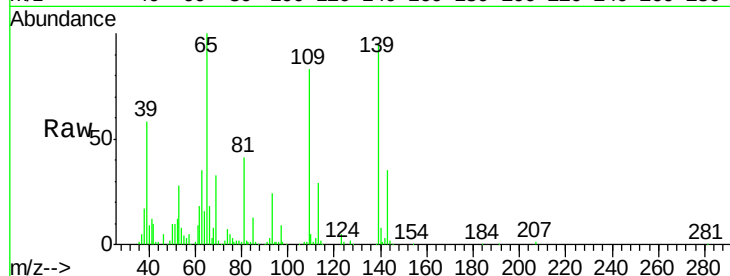
Tot Ion:109 Resp: 174029

Ion Ratio Lower Upper

109 100

139 114.2 80.0 120.0

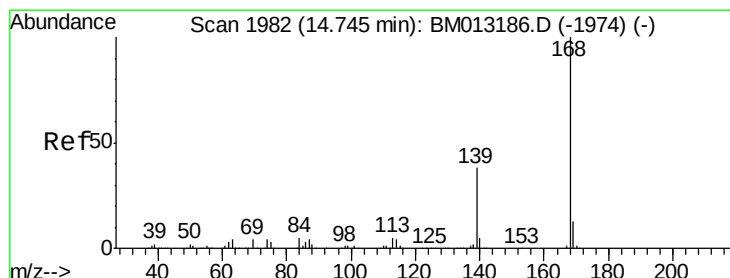
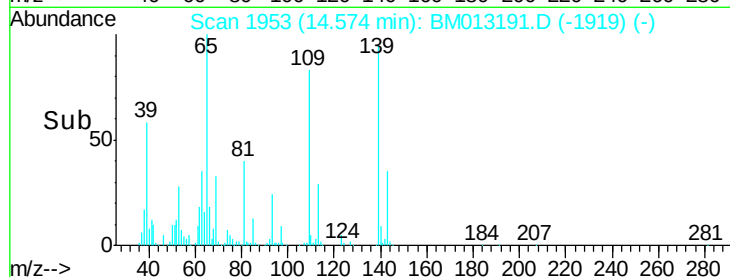
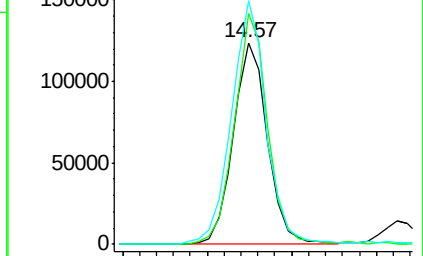
65 120.6 120.0 180.0



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: 18.955 ng/ul

RT: 14.74 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM013191.D

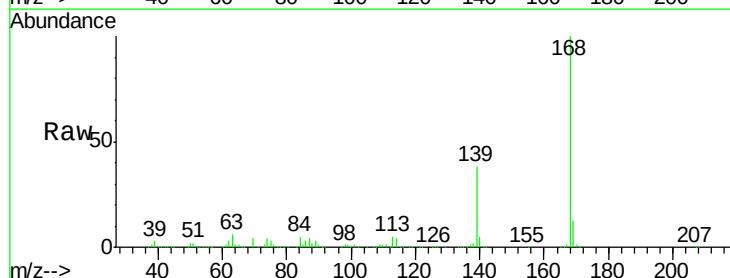
Acq: 05 Dec 2017 16:32

Tgt Ion:168 Resp: 1293624

Ion Ratio Lower Upper

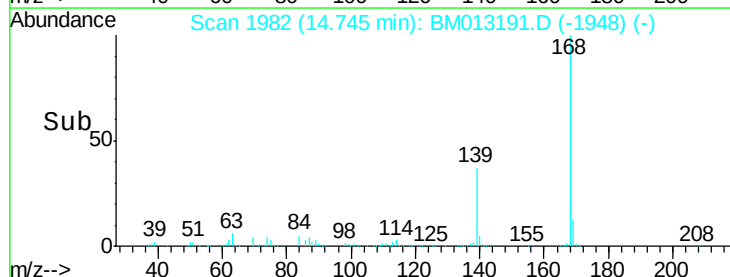
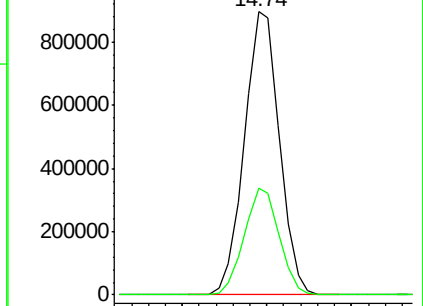
168 100

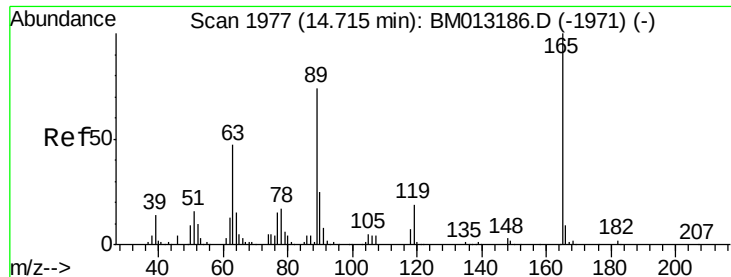
139 37.6 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

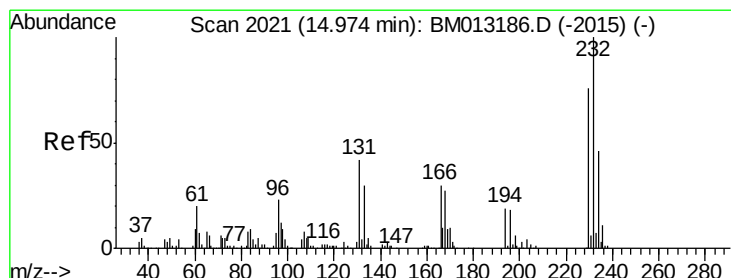
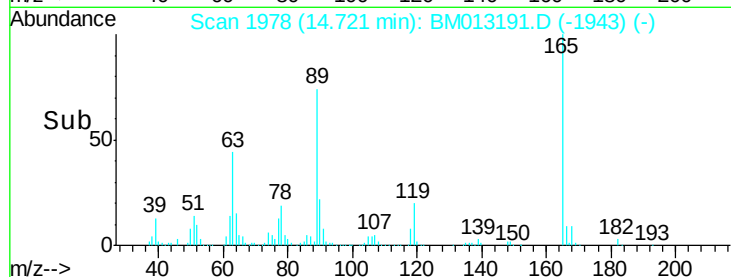
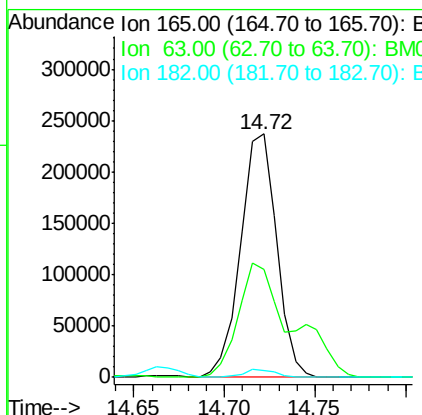
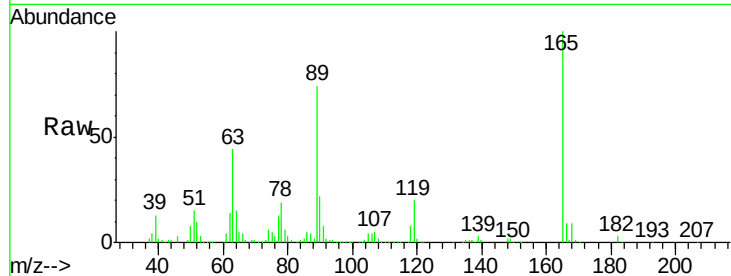




#54
 2,4-Dinitrotoluene
 Concen: 19.488 ng/ul
 RT: 14.72 min Scan# 1978
 Delta R.T. 0.01 min
 Lab File: BM013191.D
 Acq: 05 Dec 2017 16:32

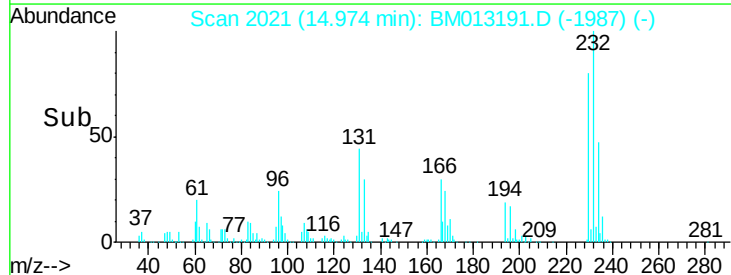
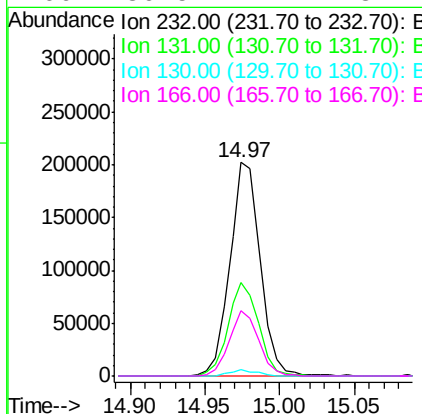
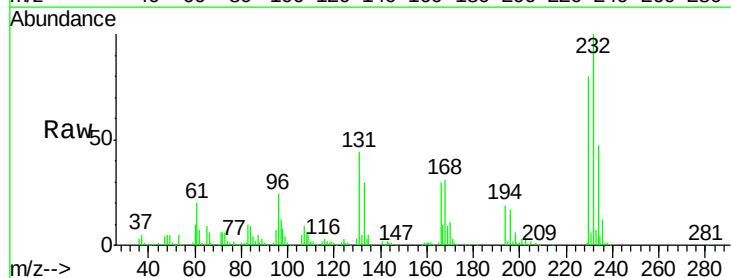
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

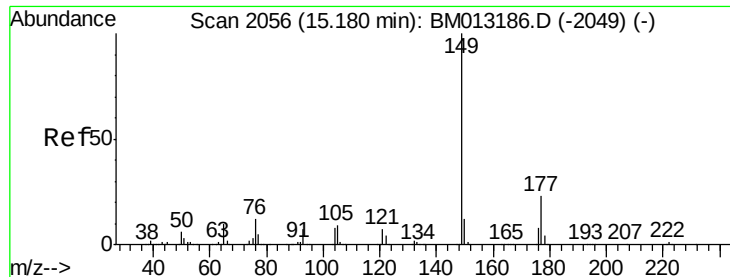
Tot Ion:165 Resp: 328618
 Ion Ratio Lower Upper
 165 100
 63 44.3 45.8 68.8#
 182 2.9 2.6 4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.727 ng/ul
 RT: 14.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BM013191.D
 Acq: 05 Dec 2017 16:32

Tgt Ion:232 Resp: 288628
 Ion Ratio Lower Upper
 232 100
 131 43.7 29.0 43.4#
 130 2.8 2.0 3.0
 166 30.5 21.4 32.2

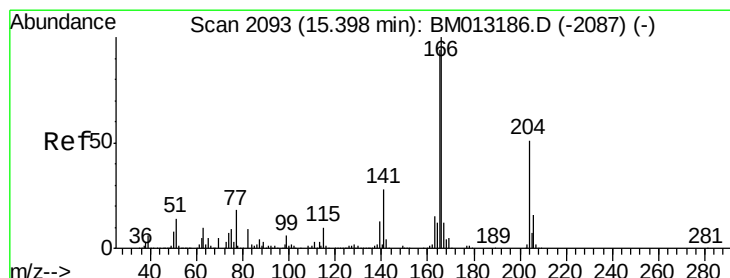
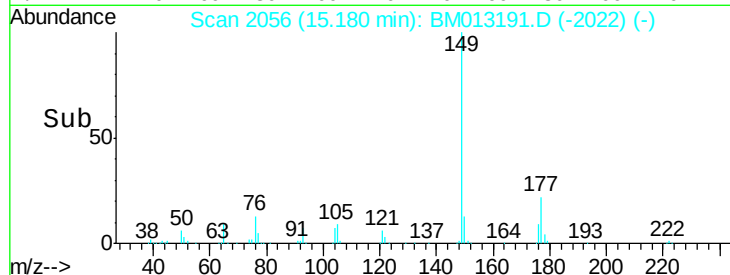
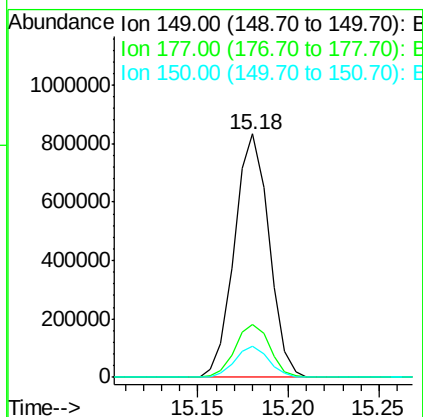
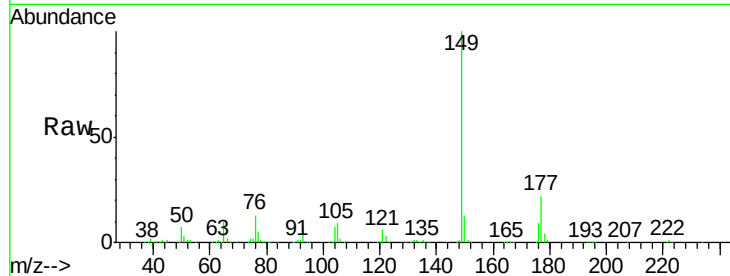




#56
Diethylphthalate
Concen: 19.447 ng/ul
RT: 15.18 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

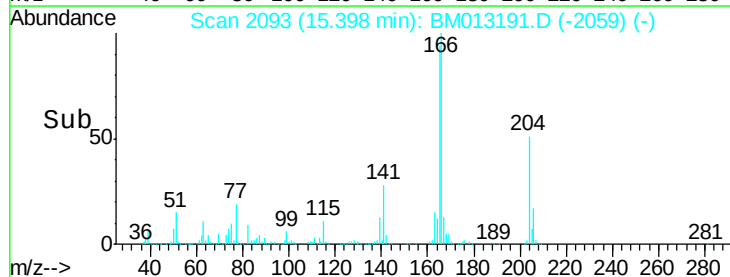
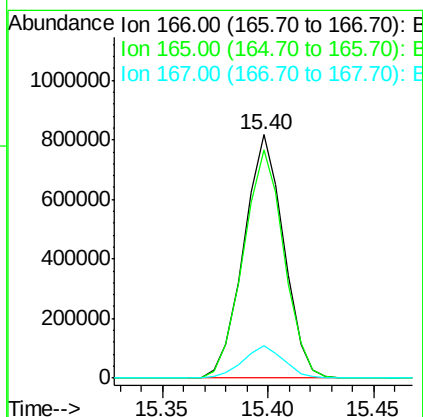
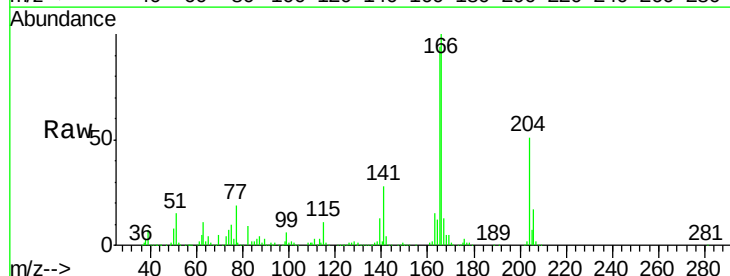
Instrument :
BNA_M
ClientSampleId :
SSTD02015

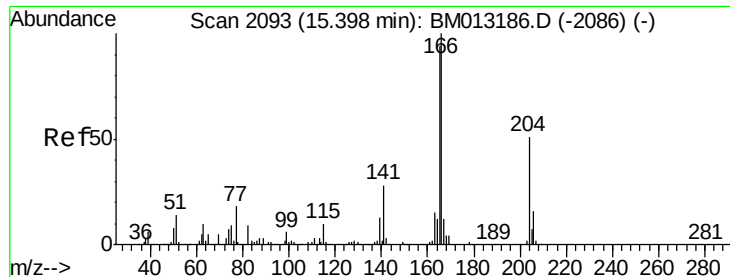
Tot Ion:149 Resp: 1108543
Ion Ratio Lower Upper
149 100
177 21.6 20.5 30.7
150 12.8 10.6 15.8



#58
Fluorene
Concen: 18.994 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

Tgt Ion:166 Resp: 1072350
Ion Ratio Lower Upper
166 100
165 94.0 77.9 116.9
167 13.1 10.6 16.0

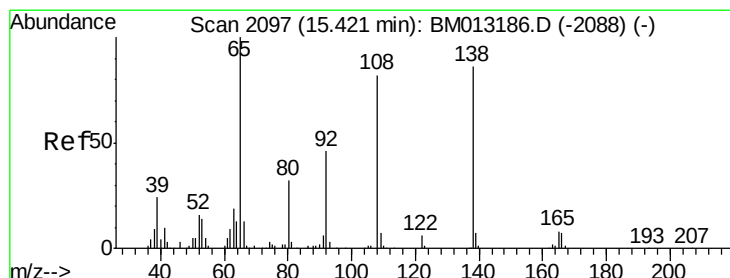
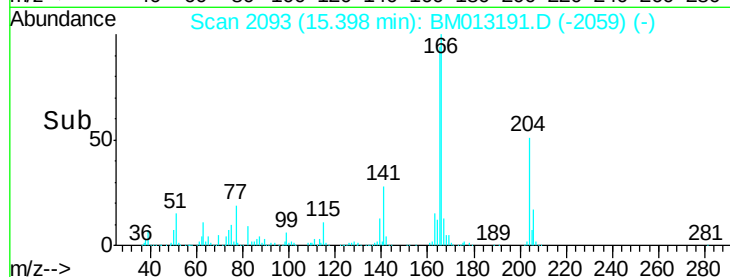
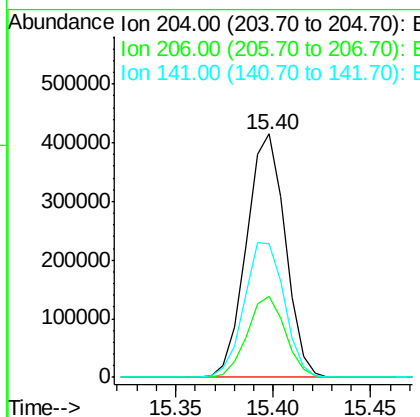
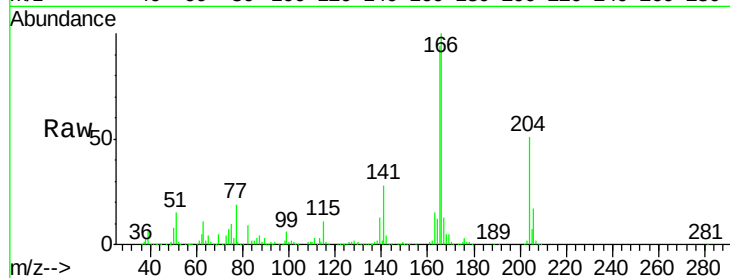




#59
4-Chlorophenyl-phenylether
Concen: 18.650 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

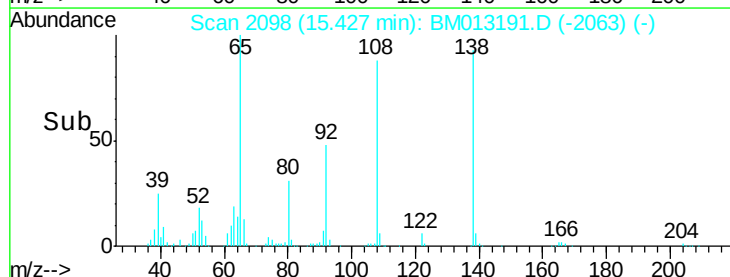
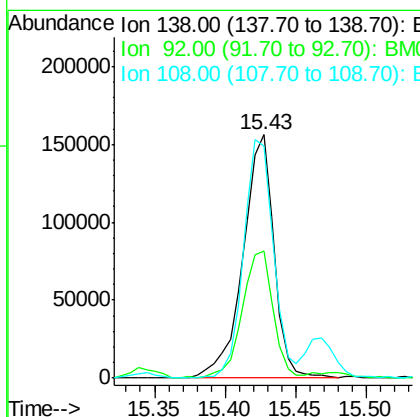
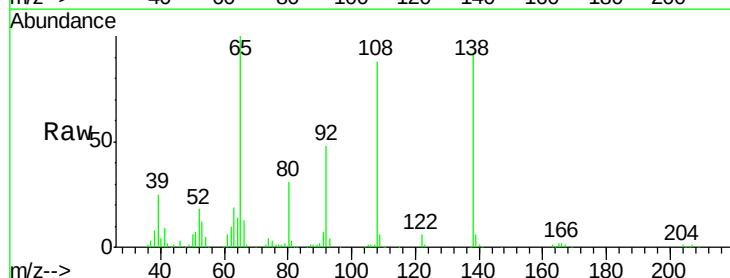
Instrument :
BNA_M
ClientSampleId :
SSTD02015

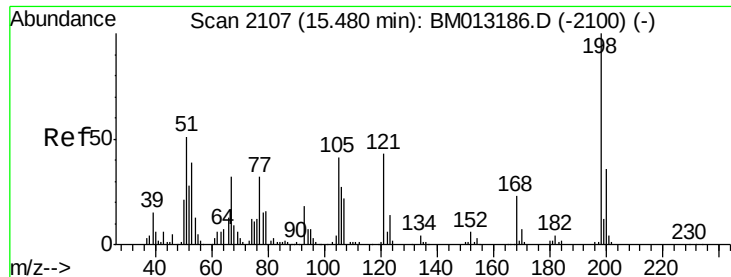
Tot Ion:204 Resp: 571482
Ion Ratio Lower Upper
204 100
206 33.2 24.8 37.2
141 54.9 44.3 66.5



#60
4-Nitroaniline
Concen: 19.692 ng/ul
RT: 15.43 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

Tgt Ion:138 Resp: 240729
Ion Ratio Lower Upper
138 100
92 52.2 40.0 60.0
108 95.2 80.0 120.0

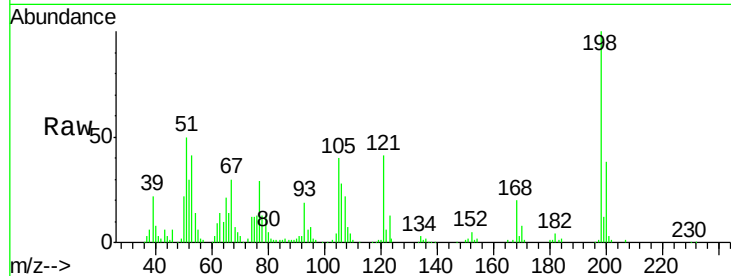




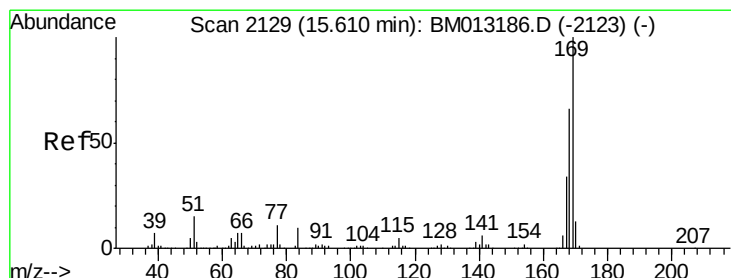
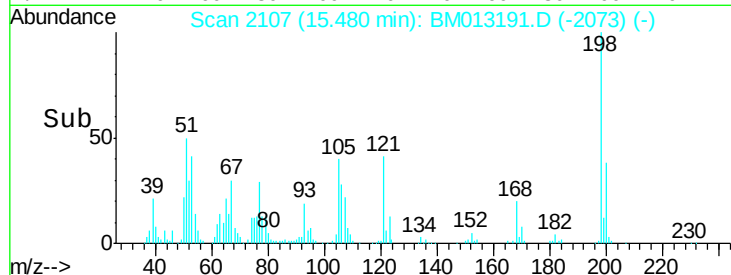
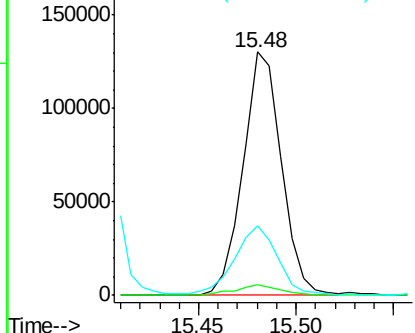
#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.143 ng/ul
 RT: 15.48 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BM013191.D
 Acq: 05 Dec 2017 16:32

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

Tot Ion:198 Resp: 177424
 Ion Ratio Lower Upper
 198 100
 182 4.1 3.8 5.6
 77 28.6 25.2 37.8

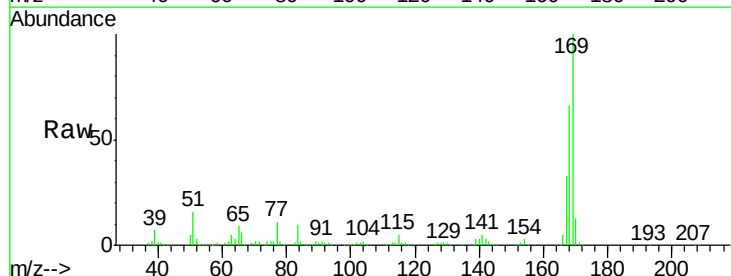


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

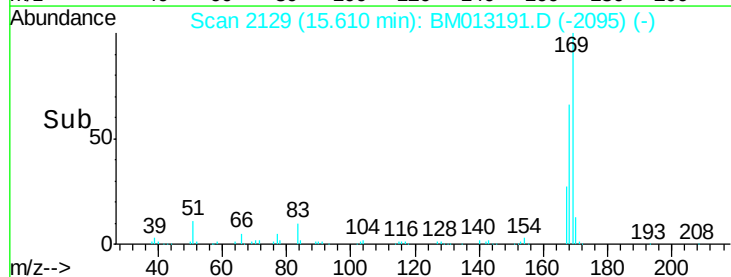
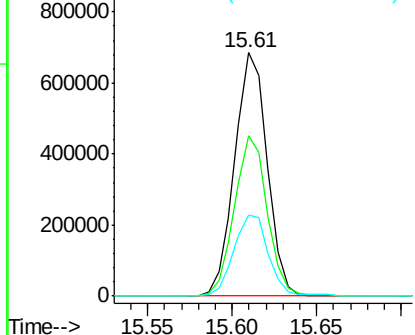


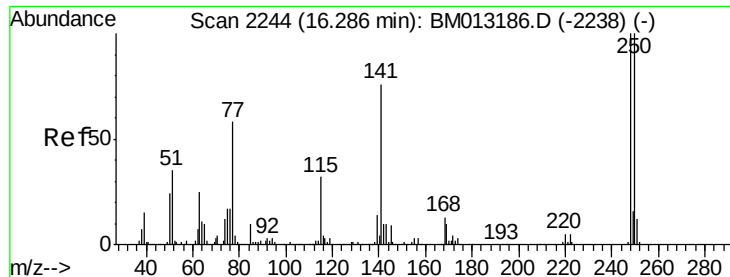
#64
 N-Nitrosodiphenylamine
 Concen: 20.066 ng/ul
 RT: 15.61 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BM013191.D
 Acq: 05 Dec 2017 16:32

Tgt Ion:169 Resp: 919541
 Ion Ratio Lower Upper
 169 100
 168 66.0 54.0 81.0
 167 33.4 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

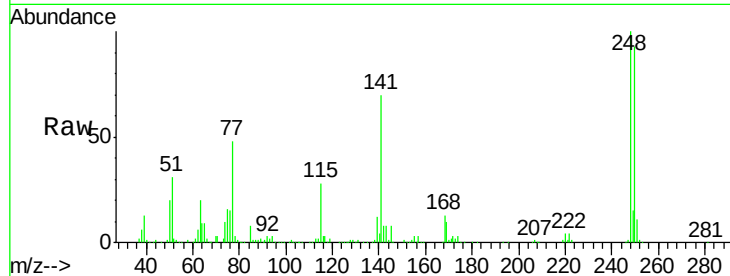




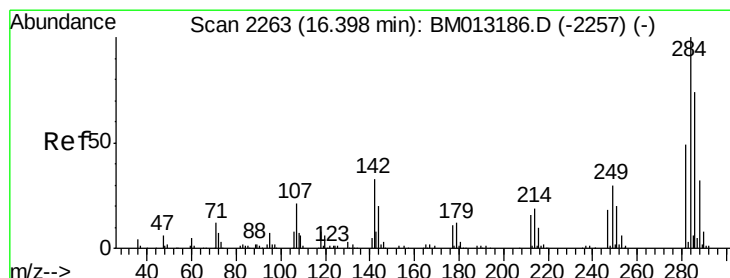
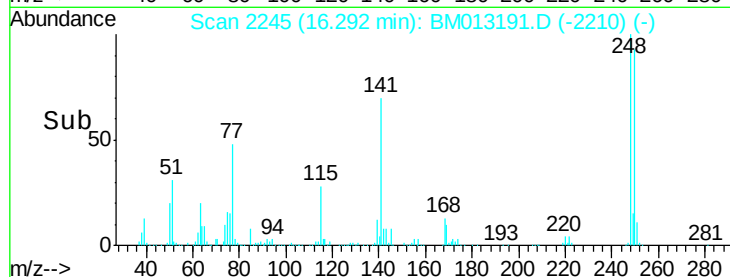
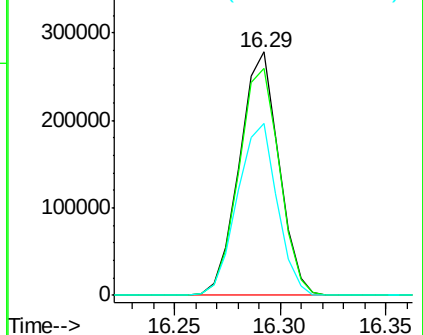
#65
4-Bromophenyl-phenylether
Concen: 19.739 ng/ul
RT: 16.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

Instrument :
BNA_M
ClientSampleId :
SSTD02015

Tot Ion:248 Resp: 360966
Ion Ratio Lower Upper
248 100
250 93.5 80.5 120.7
141 70.5 53.6 80.4

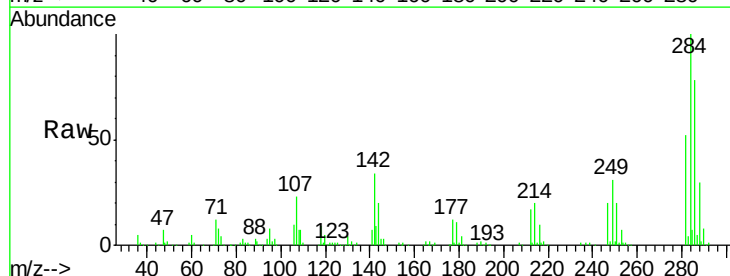


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

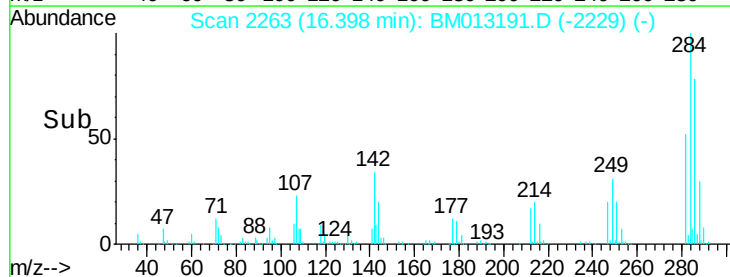
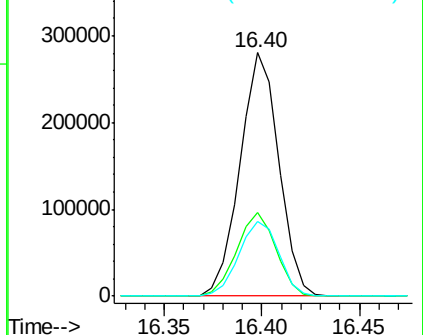


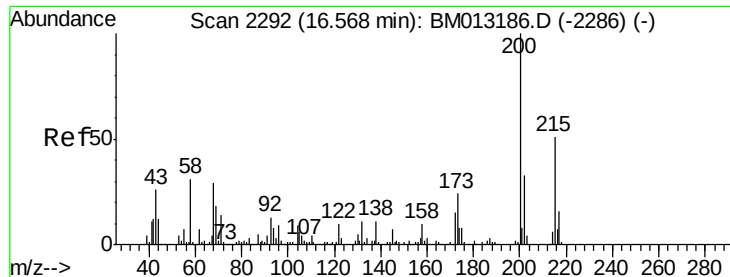
#66
Hexachlorobenzene
Concen: 19.156 ng/ul
RT: 16.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BM013191.D
Acq: 05 Dec 2017 16:32

Tgt Ion:284 Resp: 386313
Ion Ratio Lower Upper
284 100
142 34.4 21.2 31.8#
249 30.6 24.5 36.7



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





#67

Atrazine

Concen: 21.139 ng/ul

RT: 16.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

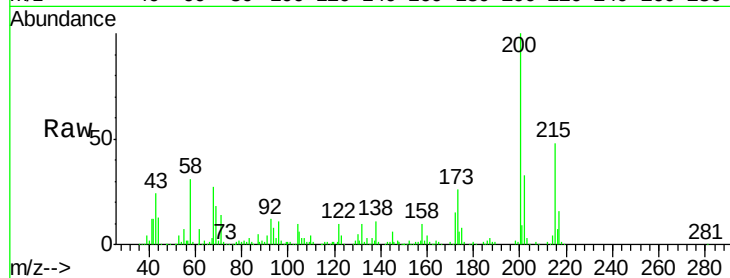
Tot Ion:200 Resp: 357554

Ion Ratio Lower Upper

200 100

173 26.4 18.2 27.2

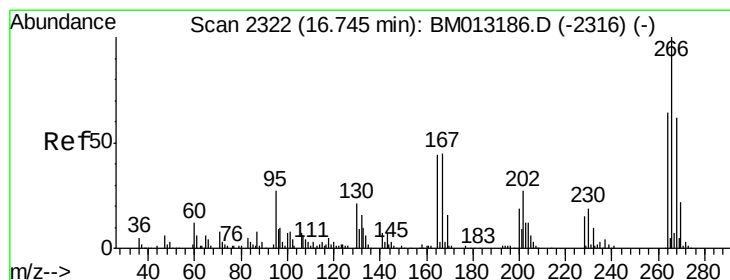
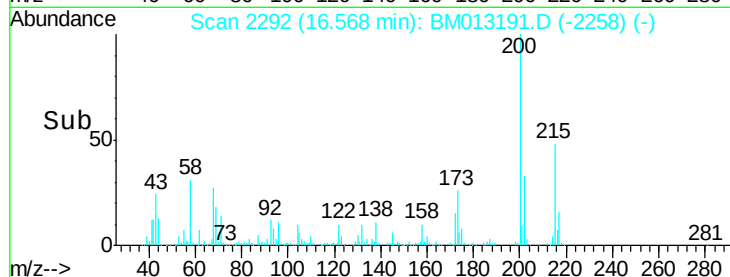
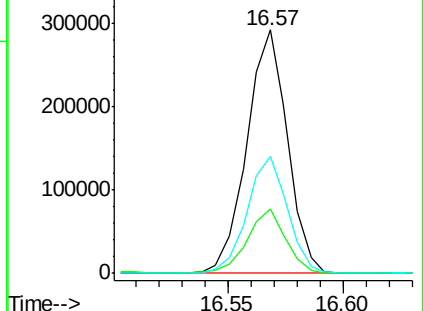
215 47.9 35.0 52.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 18.735 ng/ul

RT: 16.74 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

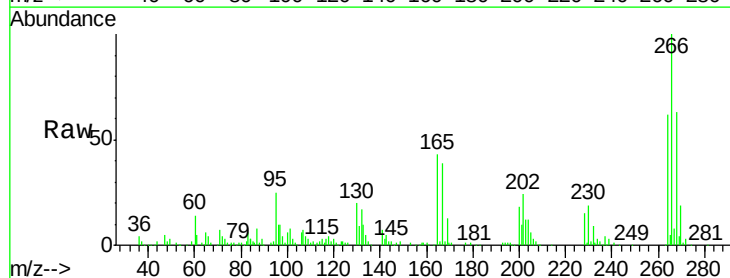
Tgt Ion:266 Resp: 218523

Ion Ratio Lower Upper

266 100

264 62.2 49.3 73.9

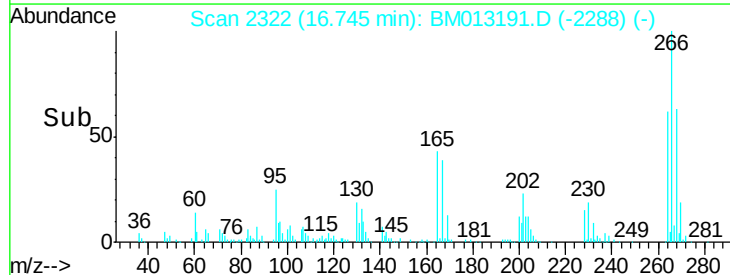
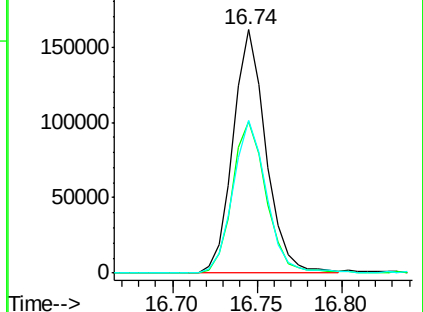
268 62.8 52.6 78.8

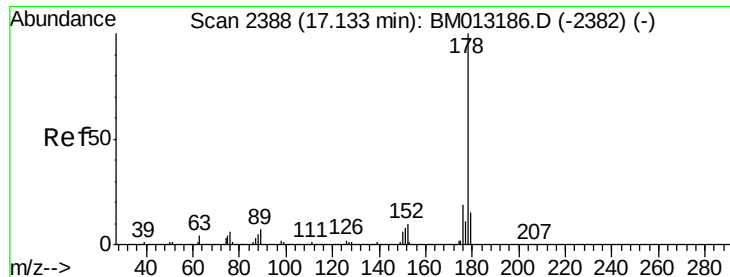


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.277 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

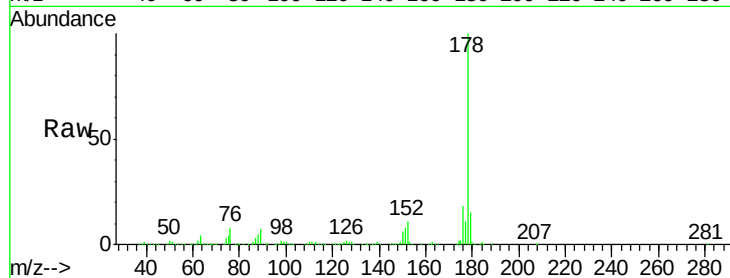
Tot Ion:178 Resp: 1703631

Ion Ratio Lower Upper

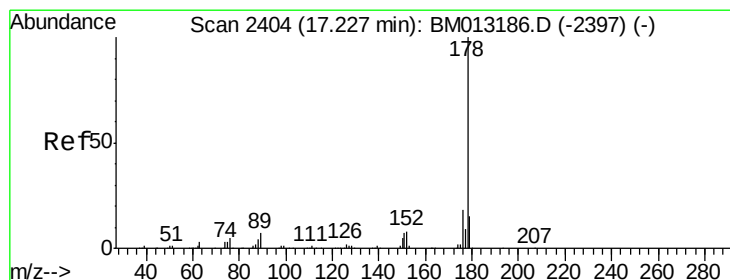
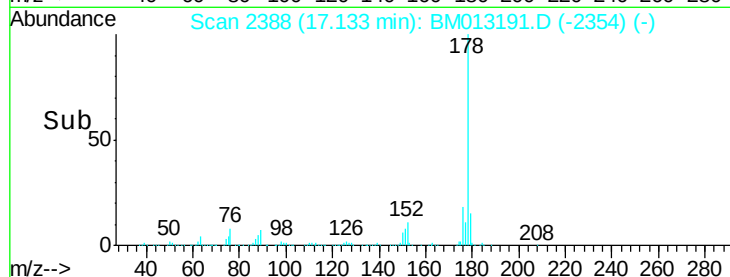
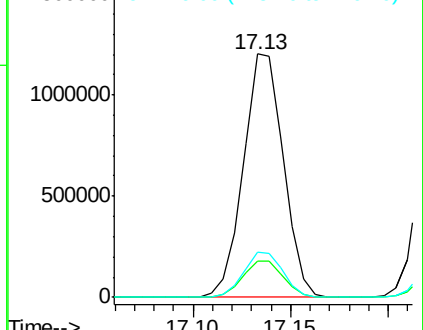
178 100

179 15.1 12.6 19.0

176 18.5 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: 19.250 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

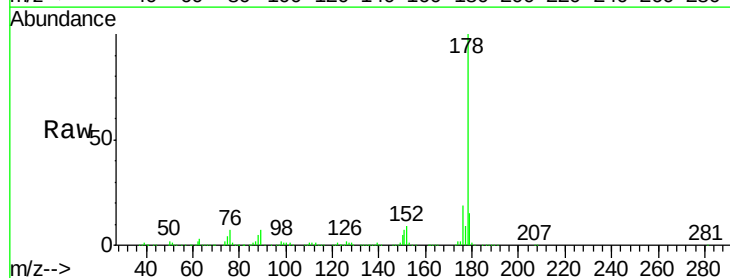
Tgt Ion:178 Resp: 1739026

Ion Ratio Lower Upper

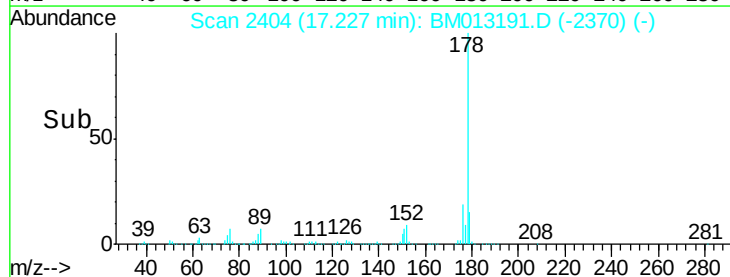
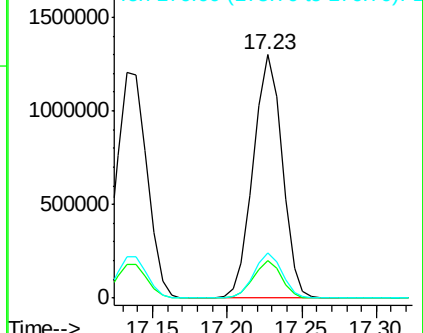
178 100

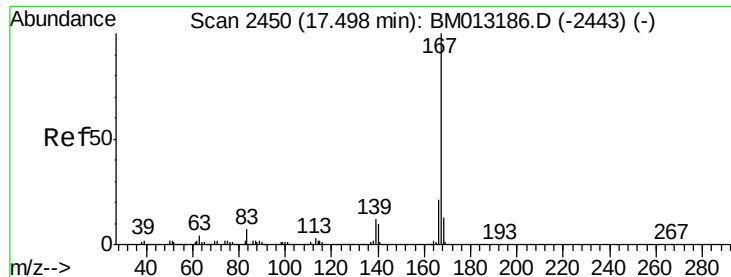
179 15.3 11.7 17.5

176 18.6 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: 18.976 ng/ul

RT: 17.50 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

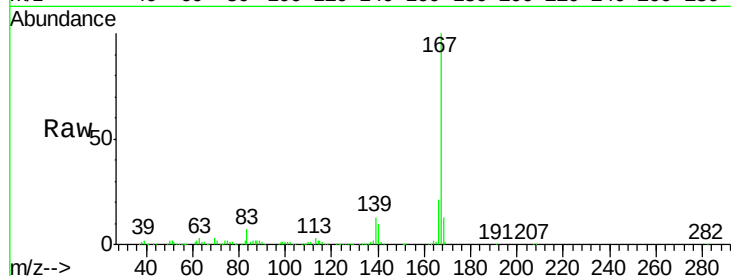
BNA_M

ClientSampleId :

SSTD02015

Tot Ion:167 Resp: 1474515

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	13.1	10.0	15.0

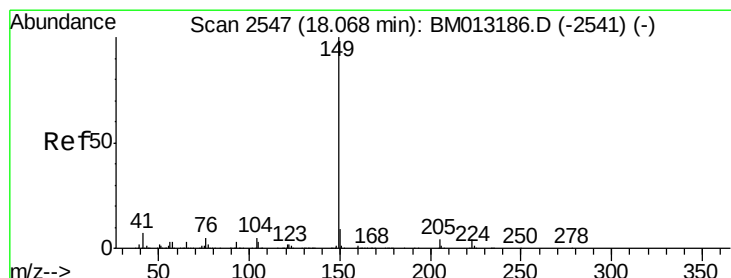
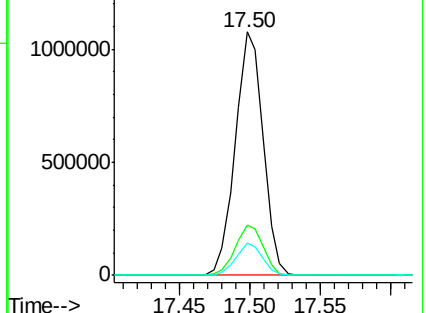
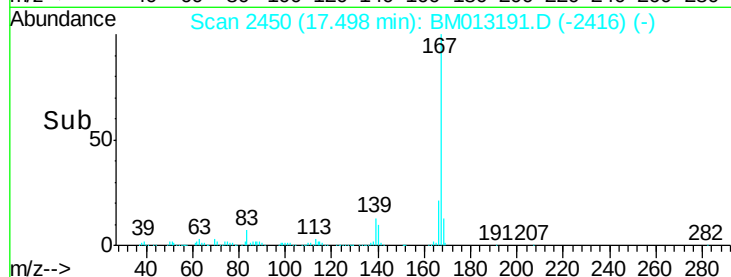


Abundance

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: 20.495 ng/ul

RT: 18.07 min Scan# 2547

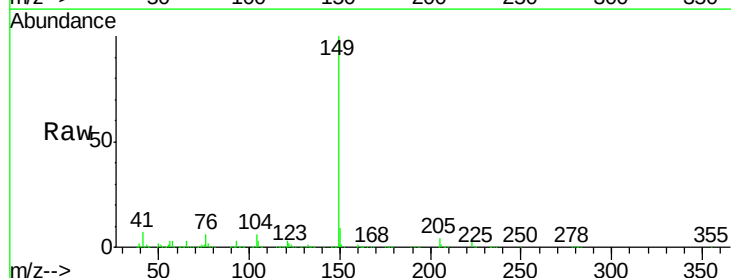
Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Tgt Ion:149 Resp: 1859067

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.1	10.7
104	5.8	5.6	8.4

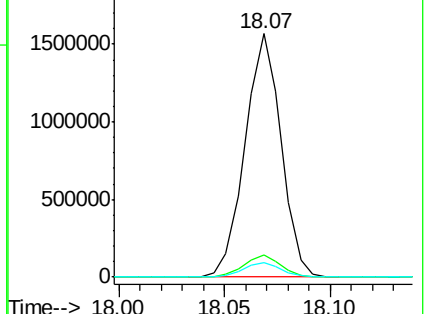
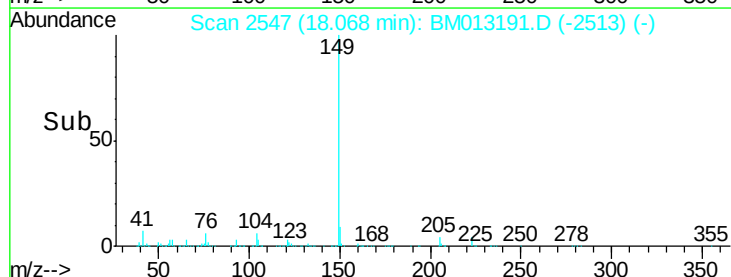


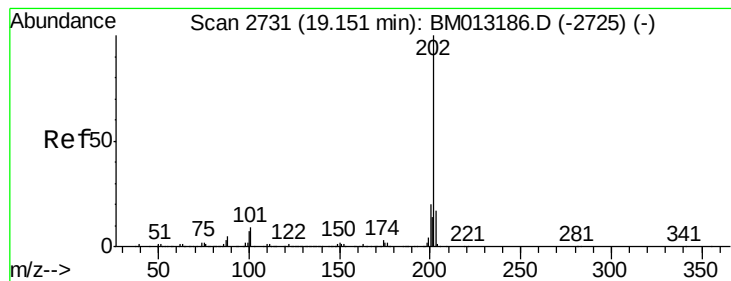
Abundance

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: 18.307 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

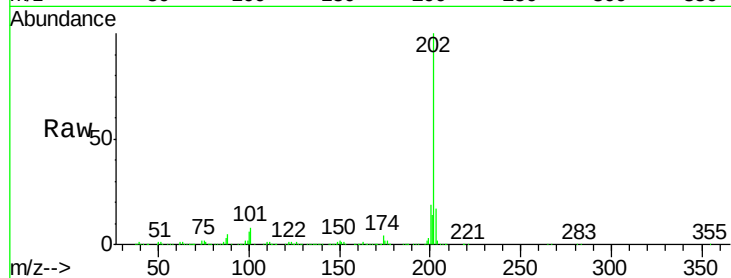
Tot Ion:202 Resp: 1982737

Ion Ratio Lower Upper

202 100

101 8.3 4.6 7.0#

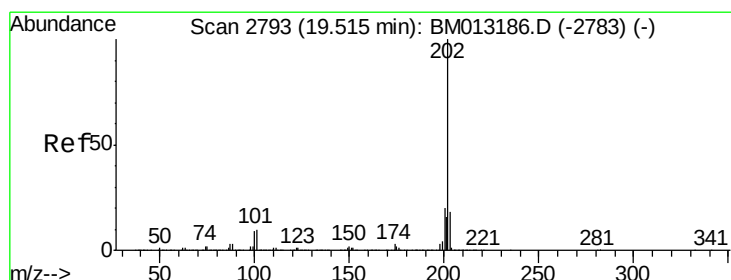
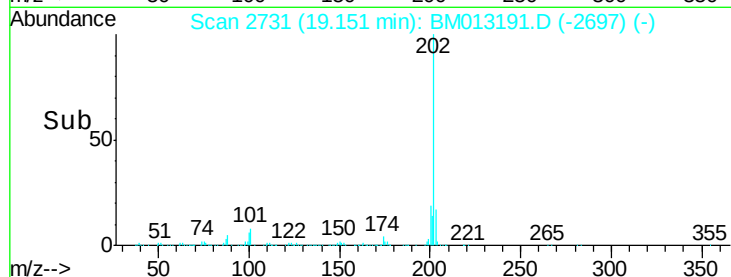
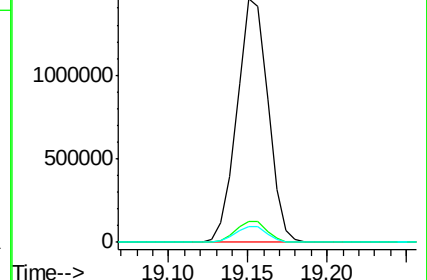
100 6.3 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 22.736 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

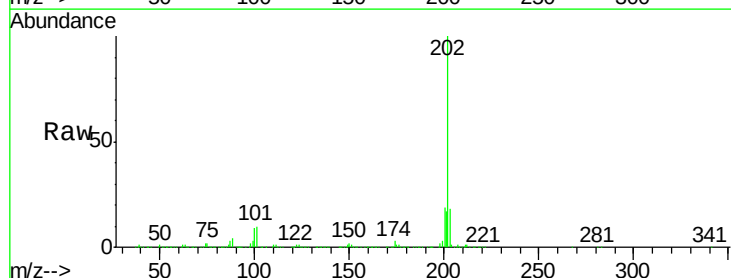
Tgt Ion:202 Resp: 1950577

Ion Ratio Lower Upper

202 100

101 9.8 5.1 7.7#

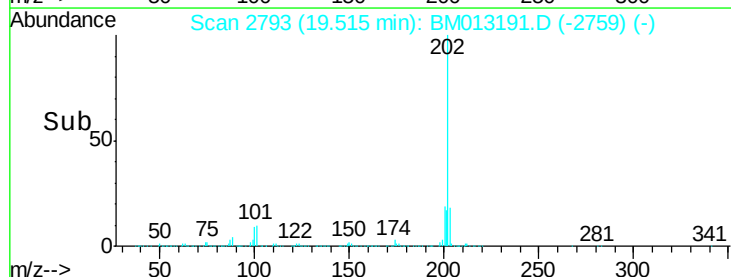
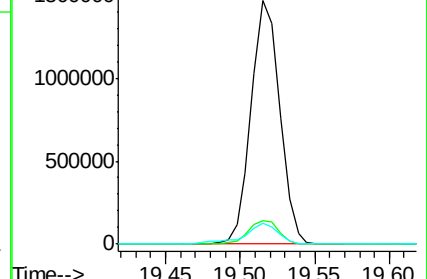
100 8.6 4.9 7.3#

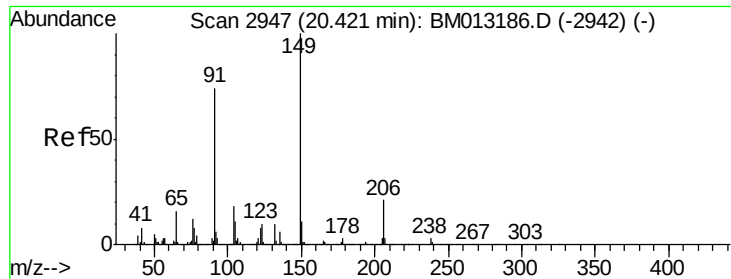


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 24.151 ng/ul

RT: 20.43 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

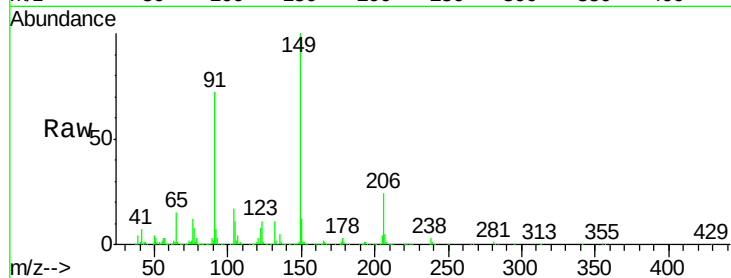
Tot Ion:149 Resp: 809543

Ion Ratio Lower Upper

149 100

91 72.1 62.7 94.1

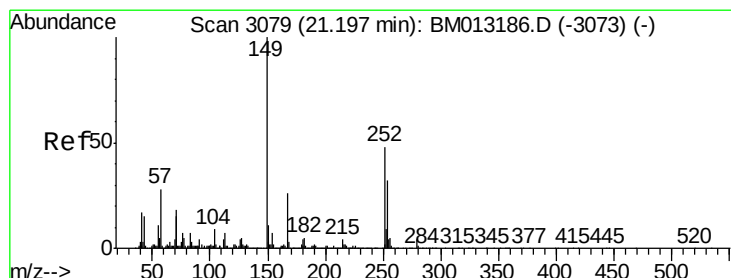
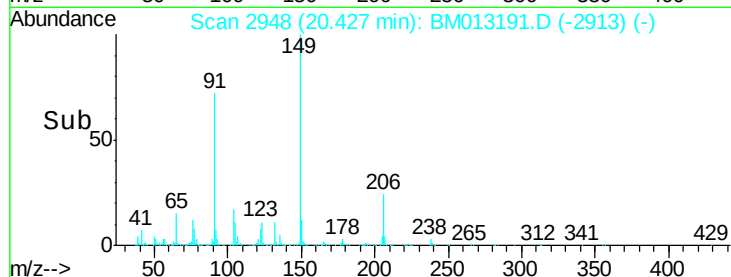
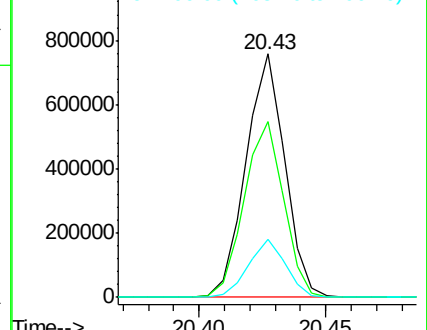
206 24.0 20.8 31.2



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: 18.859 ng/ul

RT: 21.20 min Scan# 3080

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

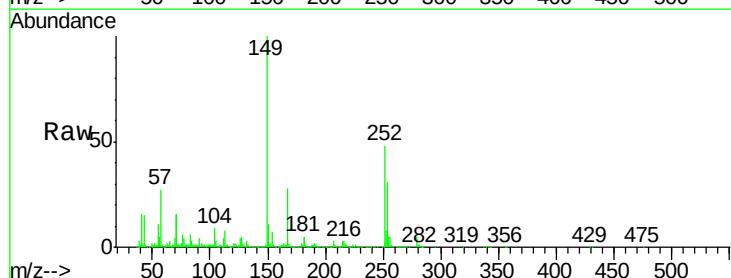
Tgt Ion:252 Resp: 559829

Ion Ratio Lower Upper

252 100

254 64.3 54.5 81.7

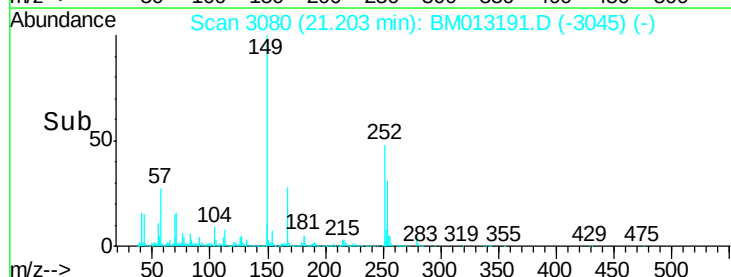
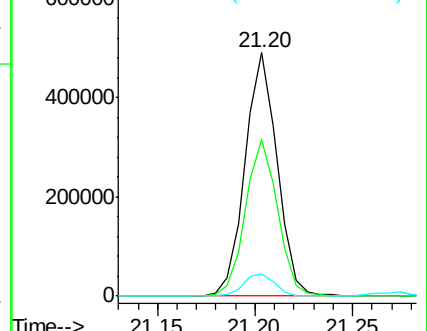
126 8.9 5.8 8.8#

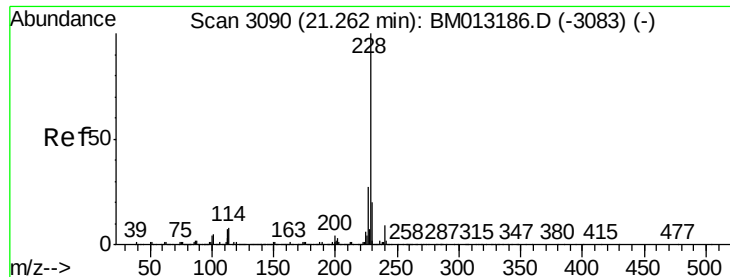


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.732 ng/ul

RT: 21.27 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

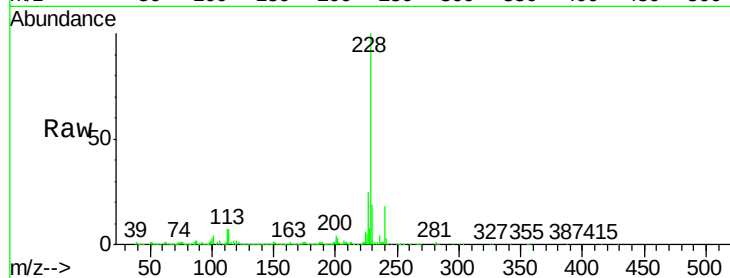
Tot Ion:228 Resp: 1767971

Ion Ratio Lower Upper

228 100

229 19.2 15.4 23.0

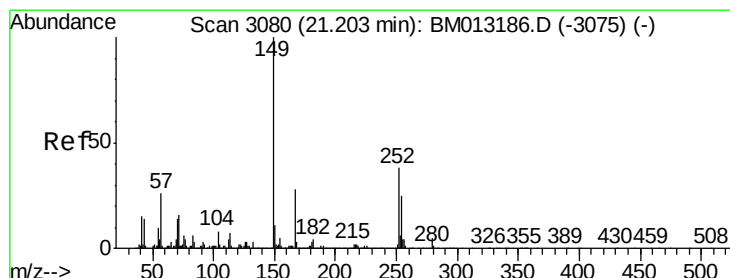
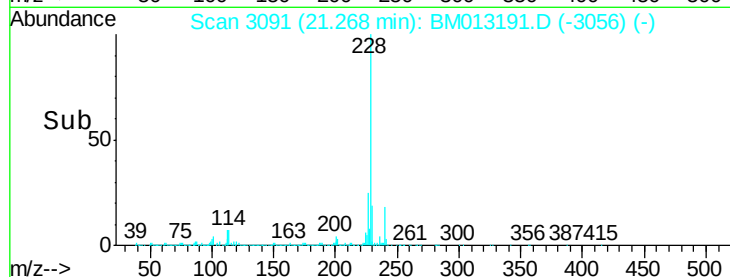
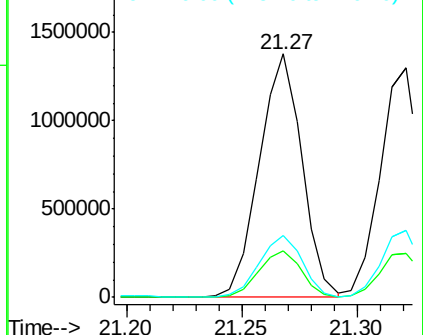
226 25.3 21.4 32.0



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: 23.073 ng/ul

RT: 21.20 min Scan# 3080

Delta R.T. 0.00 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

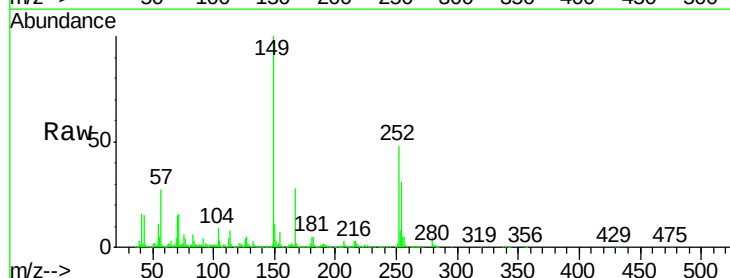
Tgt Ion:149 Resp: 1165761

Ion Ratio Lower Upper

149 100

167 27.8 22.8 34.2

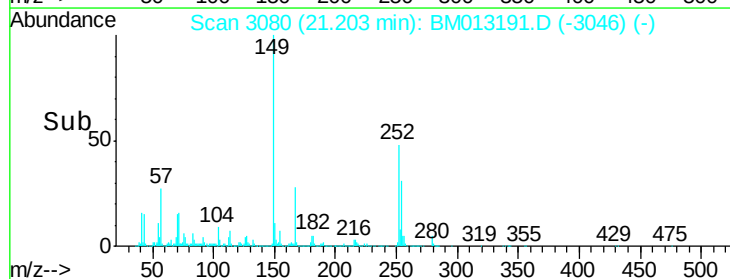
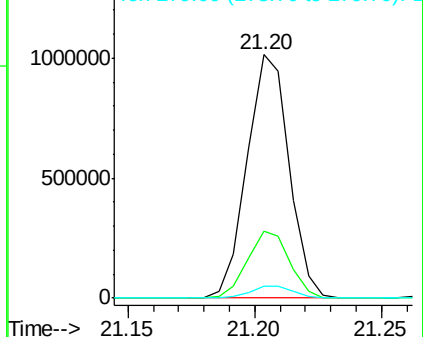
279 4.7 4.9 7.3#

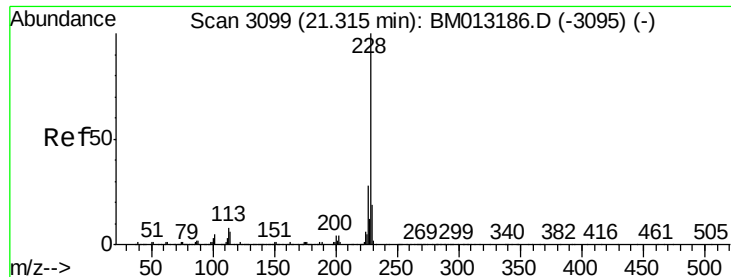


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.229 ng/ul

RT: 21.32 min Scan# 3100

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

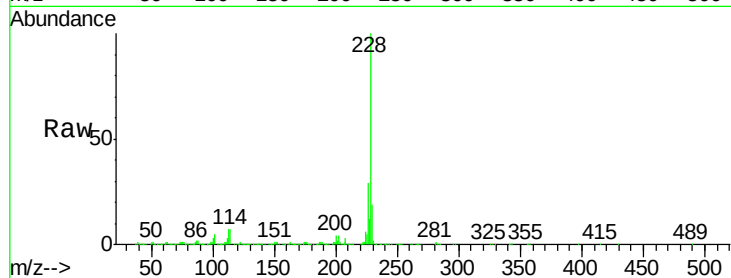
BNA_M

ClientSampleId :

SSTD02015

Tot Ion:228 Resp: 1598391

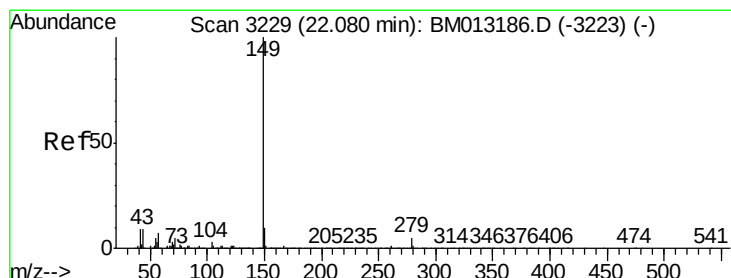
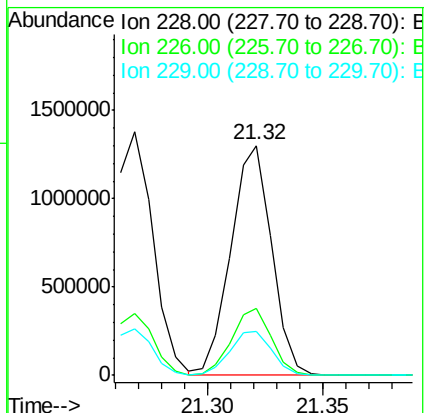
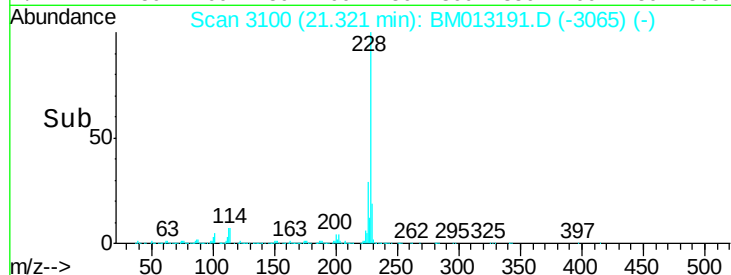
Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	19.2	15.5	23.3



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: 22.903 ng/ul

RT: 22.09 min Scan# 3230

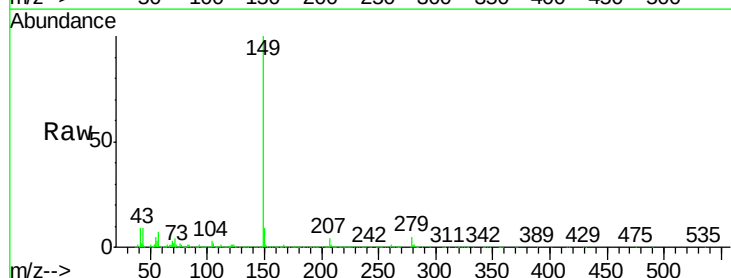
Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Tgt Ion:149 Resp: 1801298

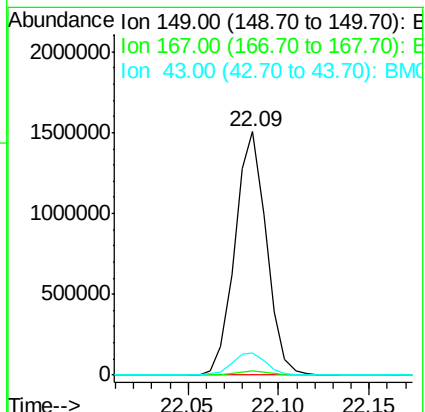
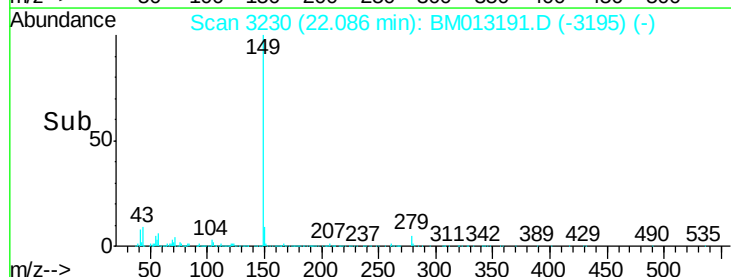
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.4	7.3	10.9

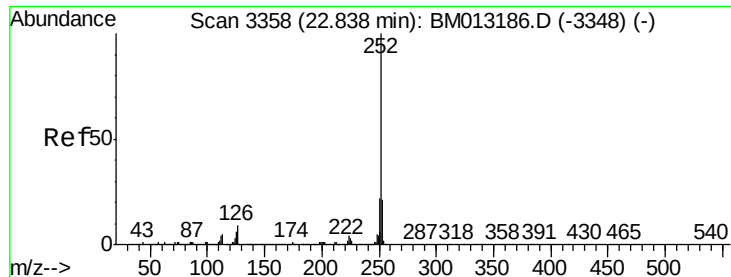


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 20.321 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

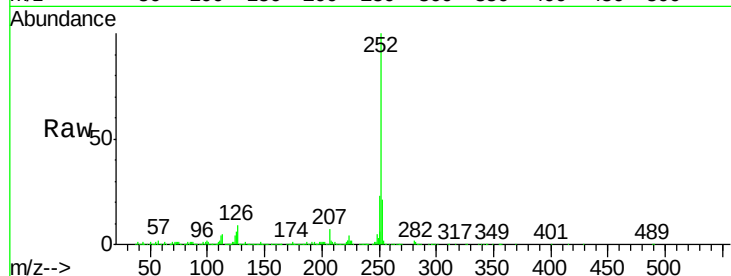
Tot Ion:252 Resp: 1515059

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

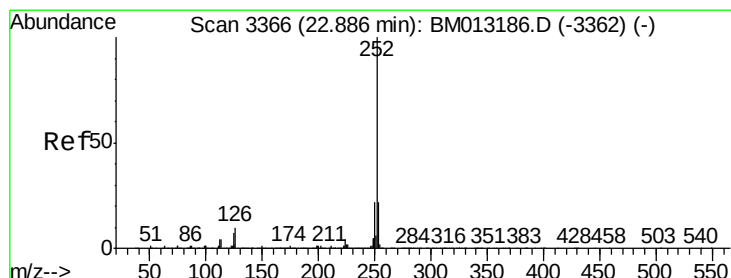
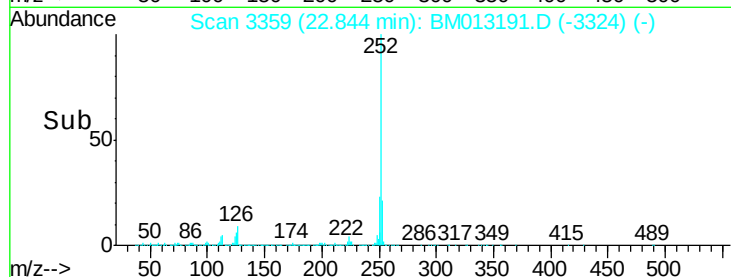
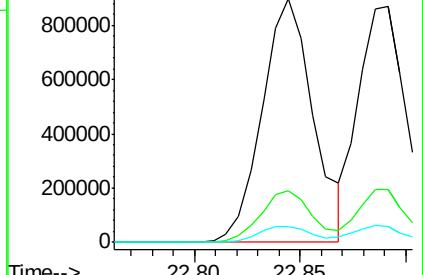
125 6.4 3.6 5.4#



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: 19.343 ng/ul

RT: 22.89 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

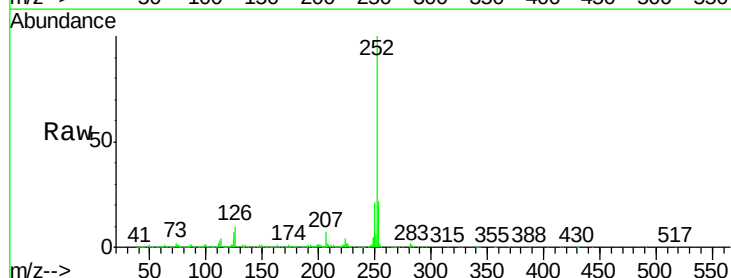
Tgt Ion:252 Resp: 1357184

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

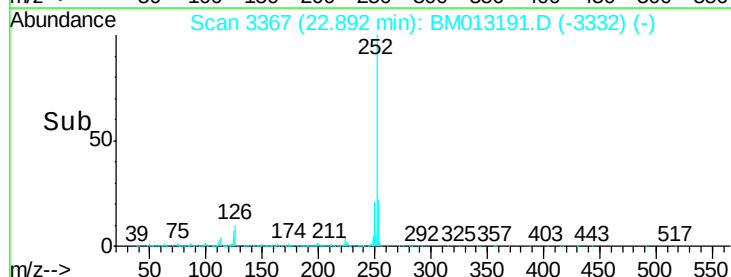
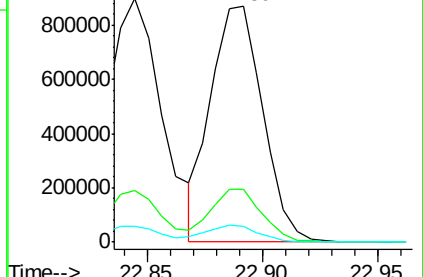
125 6.9 3.4 5.2#

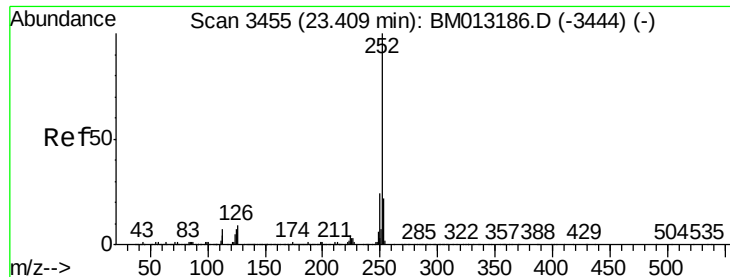


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.389 ng/ul

RT: 23.41 min Scan# 3456

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

BNA_M

ClientSampleId :

SSTD02015

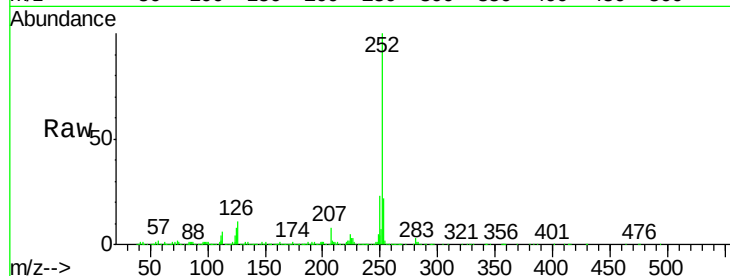
Tot Ion:252 Resp: 1298555

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

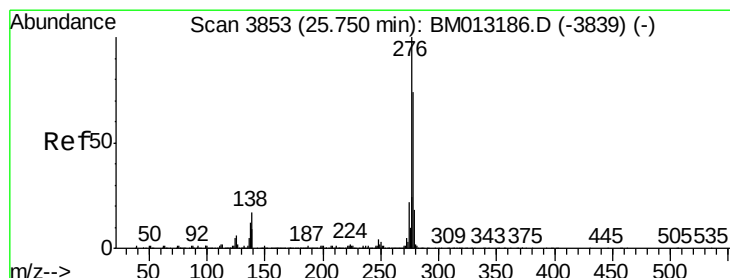
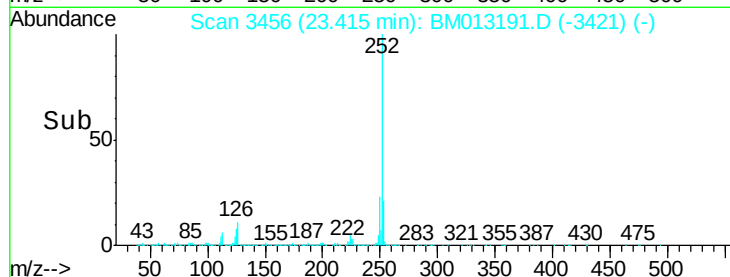
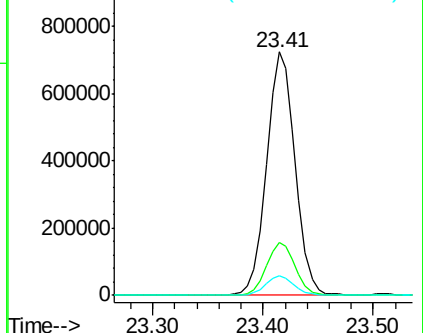
125 8.0 4.0 6.0#



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: 19.888 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

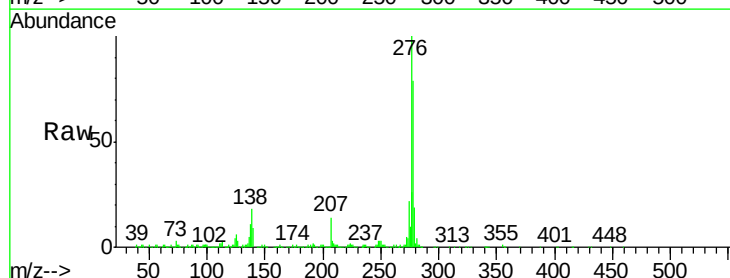
Tgt Ion:276 Resp: 1321620

Ion Ratio Lower Upper

276 100

138 18.1 9.3 13.9#

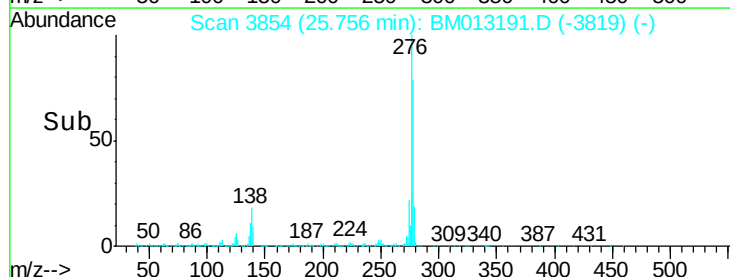
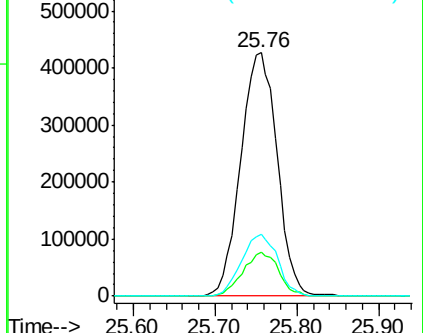
277 25.6 19.9 29.9

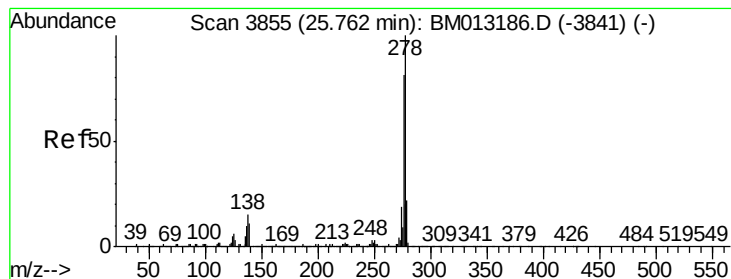


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 19.878 ng/ul

RT: 25.77 min Scan# 3856

Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Instrument :

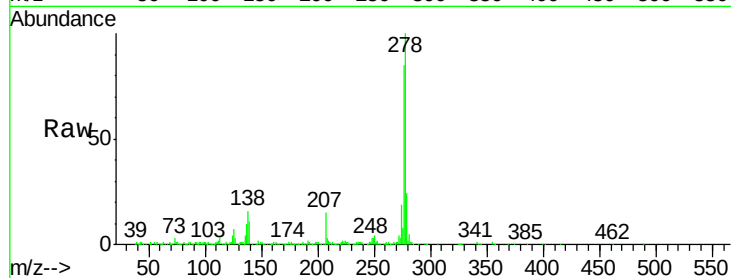
BNA_M

ClientSampleId :

SSTD02015

Tot Ion:278 Resp: 1124785

Ion	Ratio	Lower	Upper
278	100		
139	11.2	5.8	8.8#
279	24.0	18.6	27.8

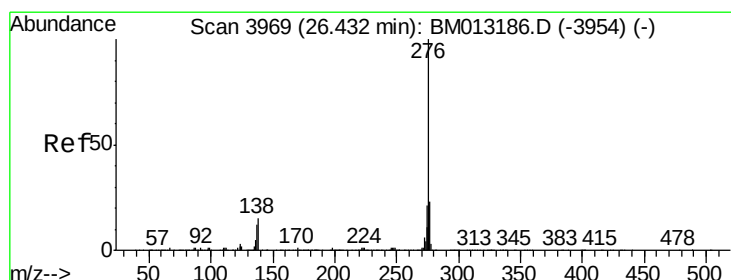
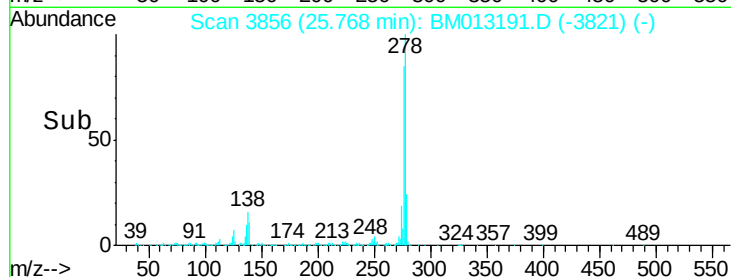
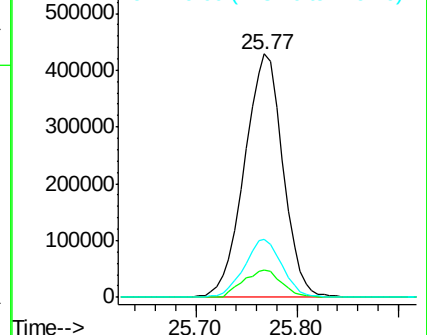


Abundance

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: 20.335 ng/ul

RT: 26.44 min Scan# 3970

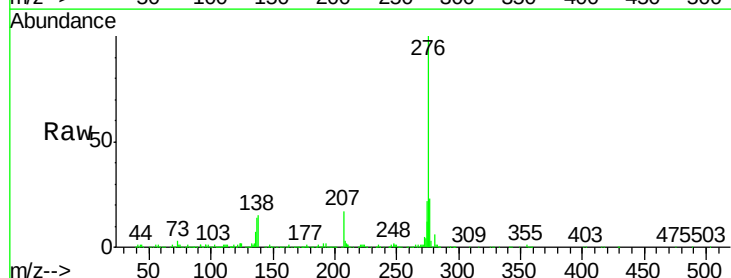
Delta R.T. 0.01 min

Lab File: BM013191.D

Acq: 05 Dec 2017 16:32

Tgt Ion:276 Resp: 1065927

Ion	Ratio	Lower	Upper
276	100		
138	14.6	8.5	12.7#
277	22.9	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

