

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120517\
 Data File : BM013186.D
 Acq On : 05 Dec 2017 11:55
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02014

Quant Time: Dec 05 16:12:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 05 04:53:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	236994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1034822	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	639185	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1471813	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1288897	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1032453	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	32372	6.77	ng/uL	0.00
5) Phenol-d5	6.88	99	397618	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	230751	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	319614	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	345019	19.70	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	165344	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	179927	20.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	354344	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	407938	24.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1110767	19.53	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1394315	19.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	181502	18.37	ng/ul	0.00
57) Fluorene-d10	15.34	176	925918	18.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	161465	17.44	ng/ul	0.00
70) Anthracene-d10	17.19	188	1484239	20.14	ng/ul	0.00
76) Pyrene-d10	19.49	212	1533583	23.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1033767	19.66	ng/ul	0.01

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.28	88	36001	6.70	ng/uL#	62
4) Benzaldehyde	6.86	77	212380	20.93	ng/ul	90
6) Phenol	6.91	94	400187	19.74	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.14	93	303078	19.56	ng/ul	98
10) 2-Chlorophenol	7.27	128	315090	20.05	ng/ul	98
11) 2-Methylphenol	8.15	108	308543	19.68	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	337905	20.76	ng/ul#	85
14) Acetophenone	8.52	105	522012	19.60	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.51	70	273474	20.38	ng/ul#	69
16) 4-Methylphenol	8.47	108	342305	20.42	ng/ul	98
17) Hexachloroethane	8.77	117	133191	19.47	ng/ul#	71
20) Nitrobenzene	8.90	77	392283	18.98	ng/ul#	90
21) Isophorone	9.42	82	748041	20.56	ng/ul	96
23) 2-Nitrophenol	9.60	139	185698	20.39	ng/ul#	81
24) 2,4-Dimethylphenol	9.67	107	398935	20.09	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	9.90	93	435923	20.48	ng/ul	95
27) 2,4-Dichlorophenol	10.14	162	328940	19.68	ng/ul#	91
28) Naphthalene	10.53	128	1058112	19.87	ng/ul	99
30) 4-Chloroaniline	10.65	127	397002	24.65	ng/ul	93
31) Hexachlorobutadiene	10.82	225	223509	18.46	ng/ul	93
32) Caprolactam	11.42	113	111940	20.95	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.78	107	369579	20.15	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	779707	19.48	ng/ul	99

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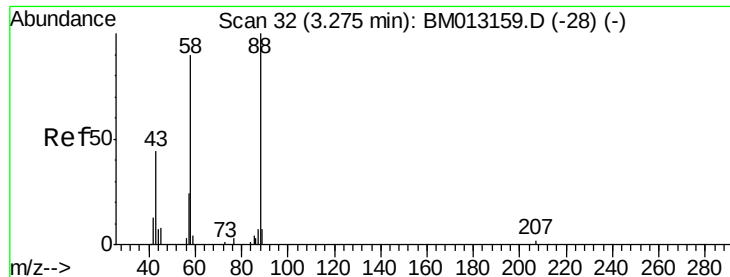
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachlorobenzene	12.52	216	438334	19.01	ng/ul#	94
37) Hexachlorocyclopentadiene	12.50	237	253986	16.73	ng/ul	95
38) 2,4,6-Trichlorophenol	12.77	196	291342	20.26	ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	302743	19.82	ng/ul	98
40) 1,1'-Biphenyl	13.17	154	1053377	19.50	ng/ul#	98
41) 2-Chloronaphthalene	13.22	162	819630	19.34	ng/ul	98
42) 2-Nitroaniline	13.43	65	245829	19.80	ng/ul	90
44) Dimethylphthalate	13.81	163	1065218	19.58	ng/ul	98
45) 2,6-Dinitrotoluene	13.93	165	215984	19.47	ng/ul	98
47) Acenaphthylene	14.07	152	1269414	19.54	ng/ul	99
48) 3-Nitroaniline	14.26	138	208428	21.02	ng/ul	90
49) Acenaphthene	14.41	153	865029	19.55	ng/ul	100
50) 2,4-Dinitrophenol	14.47	184	95858	15.61	ng/ul	96
52) 4-Nitrophenol	14.57	109	167938	17.32	ng/ul#	77
53) Dibenzofuran	14.74	168	1253176	19.18	ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	322683	19.99	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	14.97	232	272911	19.49	ng/ul	92
56) Diethylphthalate	15.18	149	1066185	19.54	ng/ul	95
58) Fluorene	15.40	166	1018831	18.85	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.40	204	547105	18.65	ng/ul	99
60) 4-Nitroaniline	15.42	138	231769	19.81	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.48	198	164347	17.76	ng/ul	99
64) N-Nitrosodiphenylamine	15.61	169	884542	20.40	ng/ul	98
65) 4-Bromophenyl-phenylether	16.29	248	341806	19.76	ng/ul	95
66) Hexachlorobenzene	16.40	284	368177	19.30	ng/ul#	93
67) Atrazine	16.57	200	341956	21.37	ng/ul	91
68) Pentachlorophenol	16.74	266	208177	18.86	ng/ul	96
69) Phenanthrene	17.13	178	1623019	19.41	ng/ul	99
71) Anthracene	17.23	178	1661704	19.44	ng/ul	99
72) Carbazole	17.50	167	1398862	19.03	ng/ul	99
73) Di-n-butylphthalate	18.07	149	1784366	20.79	ng/ul#	98
74) Fluoranthene	19.15	202	1880461	18.35	ng/ul#	91
77) Pyrene	19.52	202	1859347	23.75	ng/ul#	92
78) Butylbenzylphthalate	20.42	149	763535	24.96	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.20	252	496855	18.34	ng/ul	98
80) Benzo(a)anthracene	21.26	228	1619917	19.81	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	1053560	22.85	ng/ul	98
82) Chrysene	21.32	228	1479664	19.50	ng/ul	99
84) Di-n-octyl phthalate	22.08	149	1636421	22.29	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	1366079	19.63	ng/ul#	98
86) Benzo(k)fluoranthene	22.89	252	1270356	19.40	ng/ul#	99
88) Benzo(a)pyrene	23.41	252	1205313	19.28	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.75	276	1251537	20.17	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.76	278	1056268	20.00	ng/ul#	96
91) Benzo(g,h,i)perylene	26.43	276	1013453	20.71	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 6.70 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. 0.01 min

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ClientSampleId :

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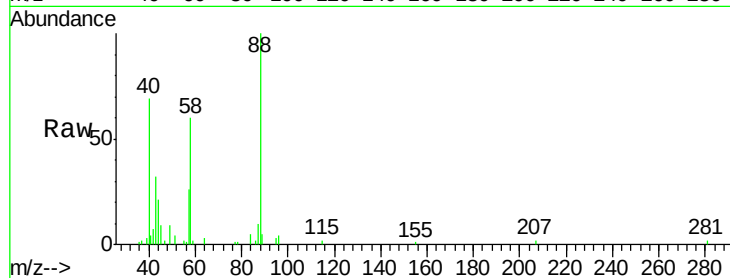
Tot Ion: 88 Resp: 36001

Ion Ratio Lower Upper

88 100

43 32.9 48.0 72.0#

58 61.0 80.0 120.0#

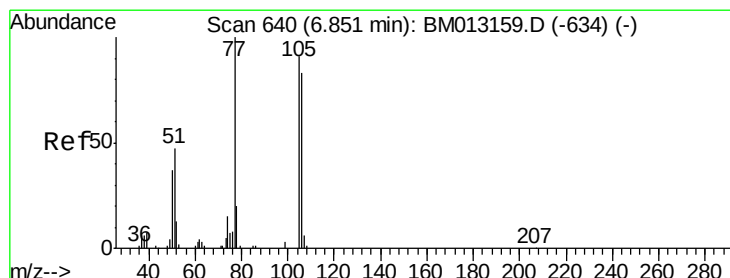
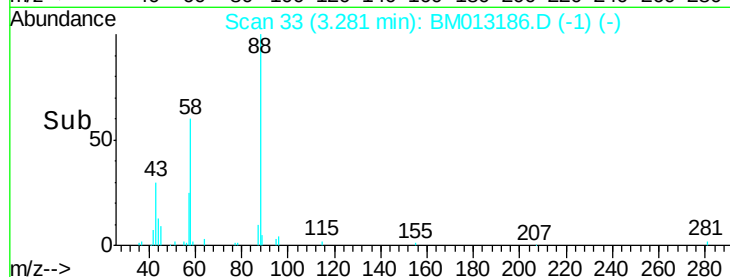
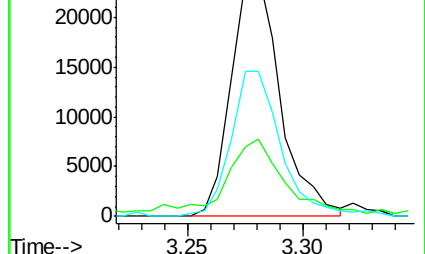


Abundance Ion 88.00 (87.70 to 88.70): BM013186.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM013186.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM013186.D (-1) (-)

Time-->



#4

Benzaldehyde

Concen: 20.93 ng/uL

RT: 6.86 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

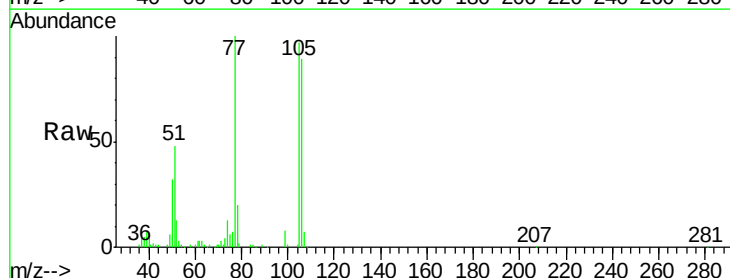
Tgt Ion: 77 Resp: 212380

Ion Ratio Lower Upper

77 100

105 97.3 66.1 99.1

106 88.7 67.8 101.6

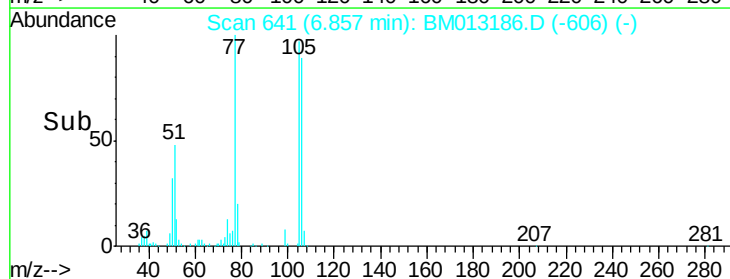
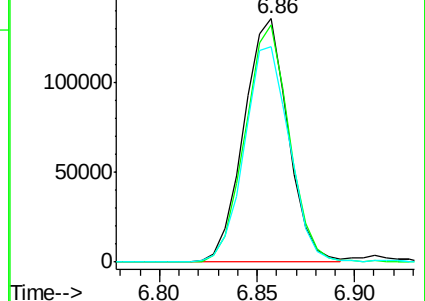


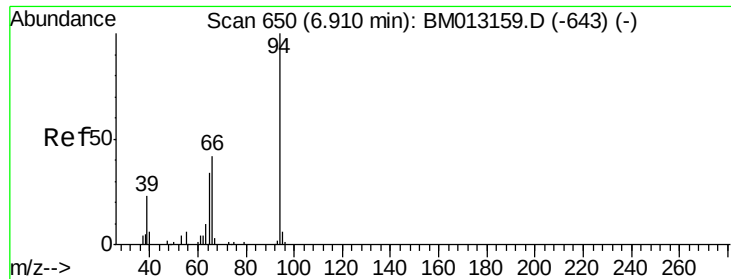
Abundance Ion 77.00 (76.70 to 77.70): BM013186.D (-606) (-)

Ion 105.00 (104.70 to 105.70): BM013186.D (-606) (-)

Ion 106.00 (105.70 to 106.70): BM013186.D (-606) (-)

Time-->





#6

Phenol

Concen: 19.74 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

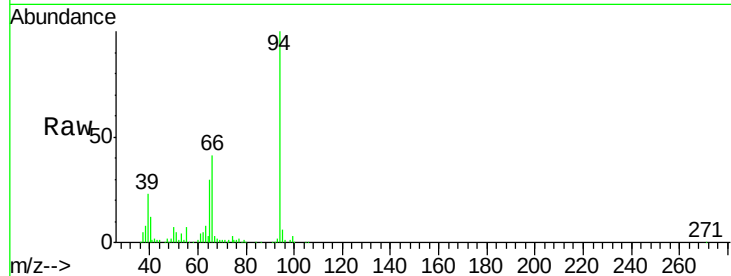
Tot Ion: 94 Resp: 400187

Ion Ratio Lower Upper

94 100

65 30.3 28.2 42.4

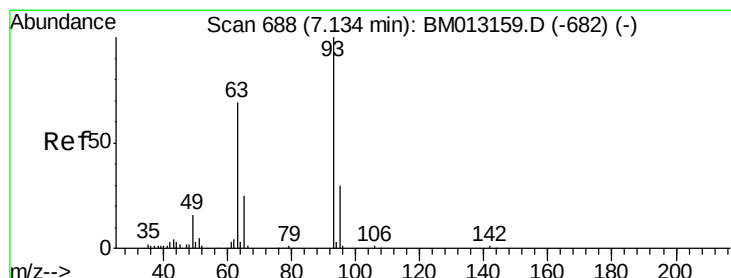
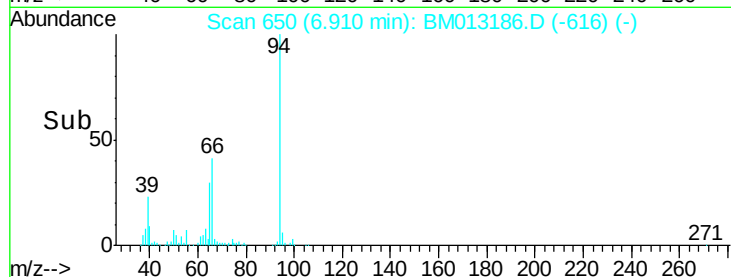
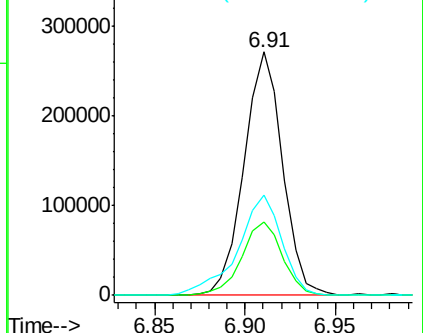
66 41.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013159.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013159.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013159.D (-643) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.56 ng/ul

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

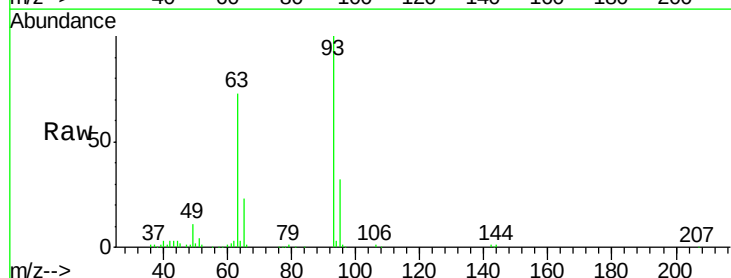
Tgt Ion: 93 Resp: 303078

Ion Ratio Lower Upper

93 100

63 73.0 57.3 85.9

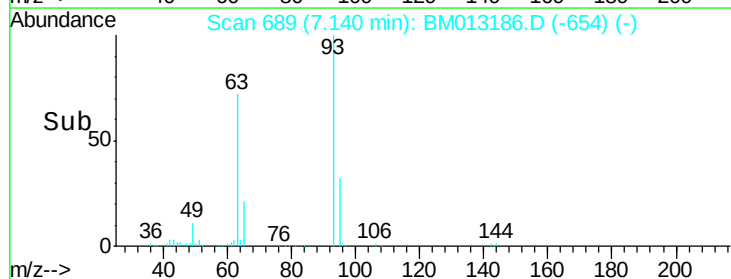
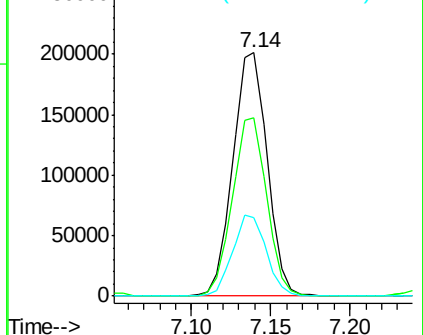
95 32.2 26.6 39.8

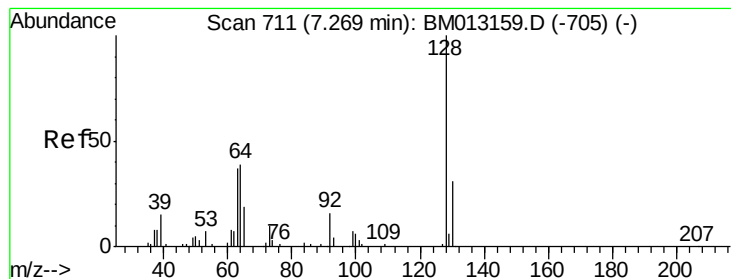


Abundance Ion 93.00 (92.70 to 93.70): BM013159.D (-682) (-)

Ion 63.00 (62.70 to 63.70): BM013159.D (-682) (-)

Ion 95.00 (94.70 to 95.70): BM013159.D (-682) (-)





#10

2-Chlorophenol

Concen: 20.05 ng/ul

RT: 7.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

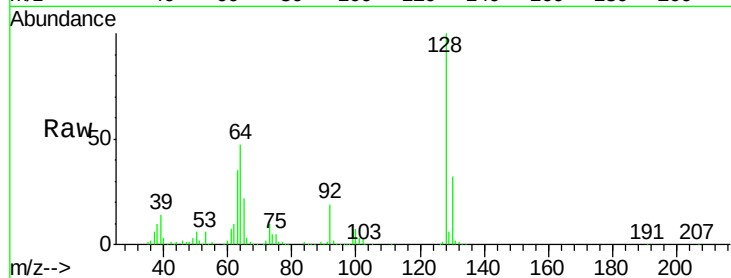
Tot Ion:128 Resp: 315090

Ion Ratio Lower Upper

128 100

64 47.0 38.0 57.0

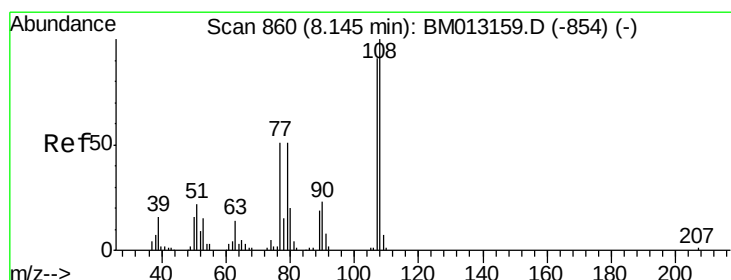
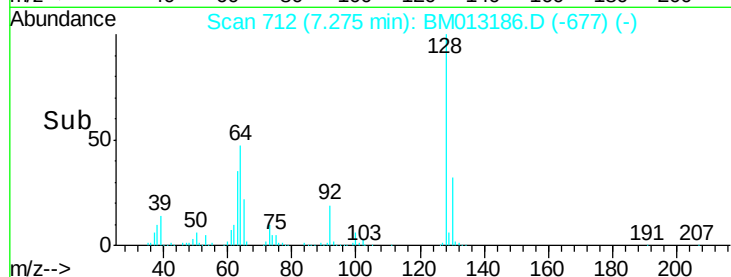
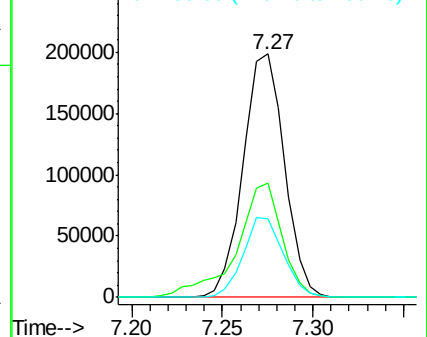
130 32.5 24.4 36.6



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: 19.68 ng/ul

RT: 8.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM013186.D

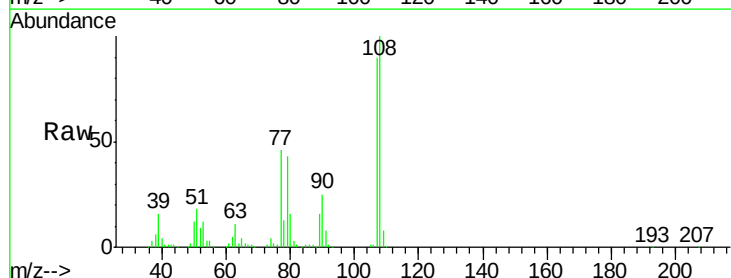
Acq: 05 Dec 2017 11:55

Tgt Ion:108 Resp: 308543

Ion Ratio Lower Upper

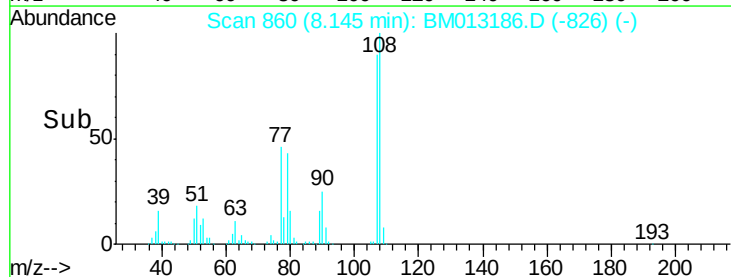
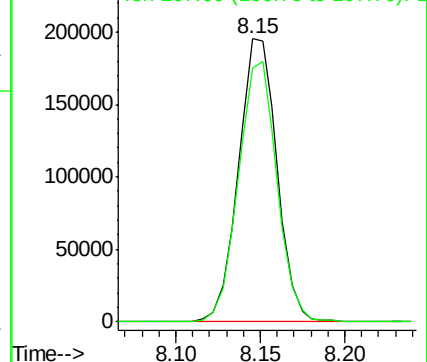
108 100

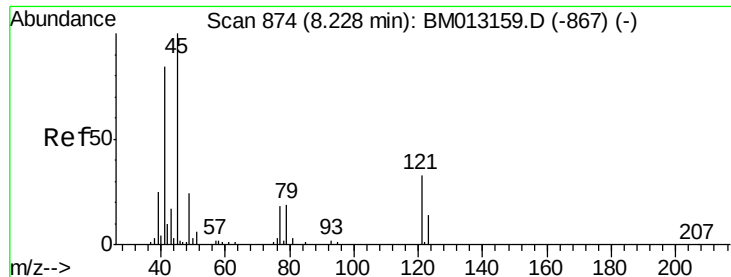
107 89.9 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

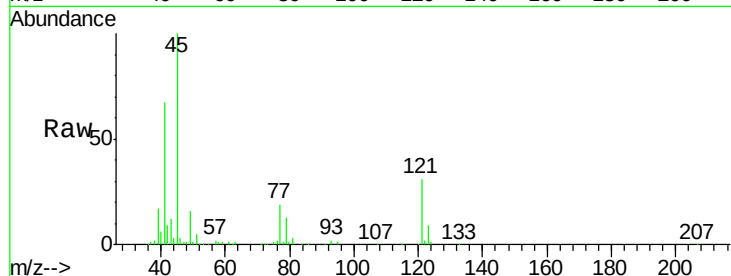




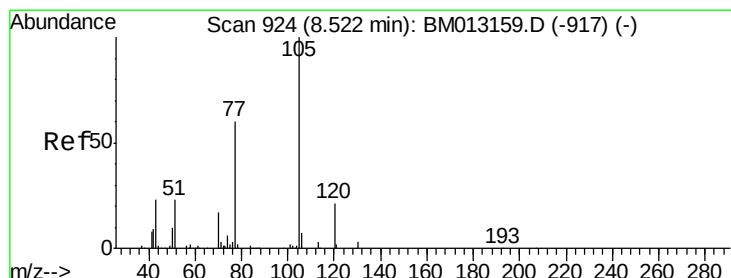
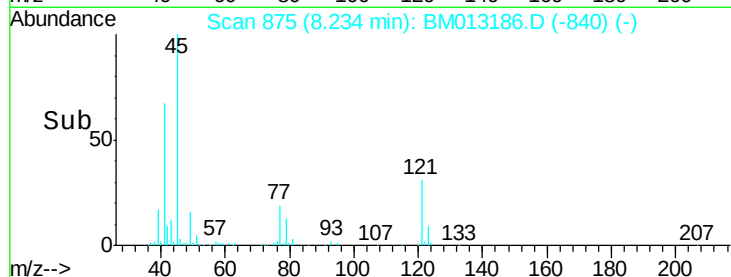
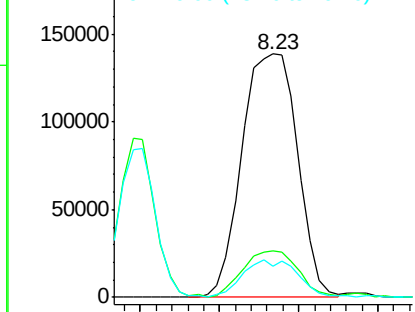
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.76 ng/ul
RT: 8.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

Instrument :
BNA_M
ClientSampleId :
SSTD02014

Tot Ion: 45 Resp: 337905
Ion Ratio Lower Upper
45 100
77 18.9 8.0 12.0#
79 12.5 8.0 12.0#

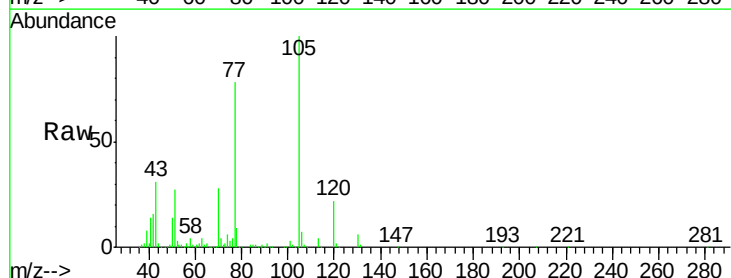


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

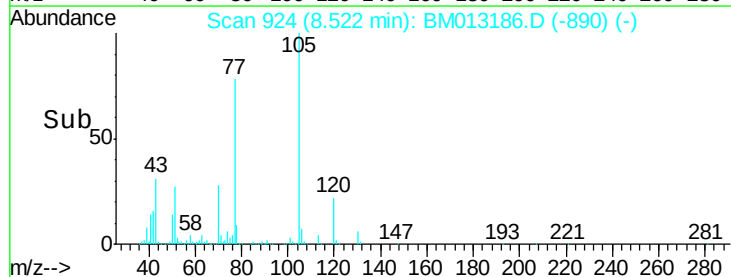
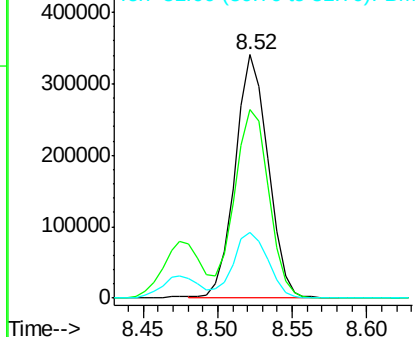


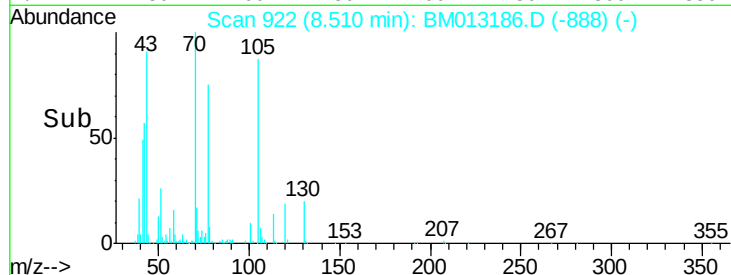
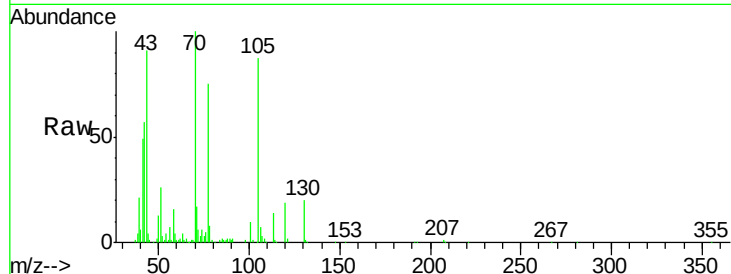
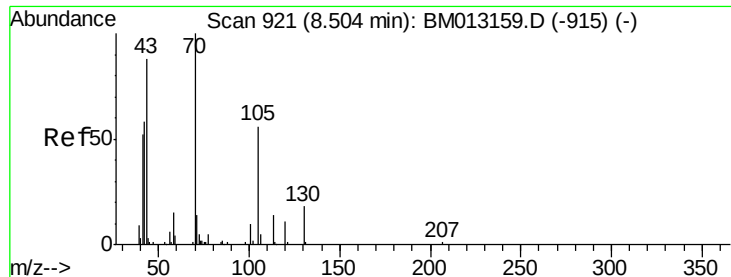
#14
Acetophenone
Concen: 19.60 ng/ul
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

Tgt Ion: 105 Resp: 522012
Ion Ratio Lower Upper
105 100
77 77.7 74.2 111.4
51 27.1 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

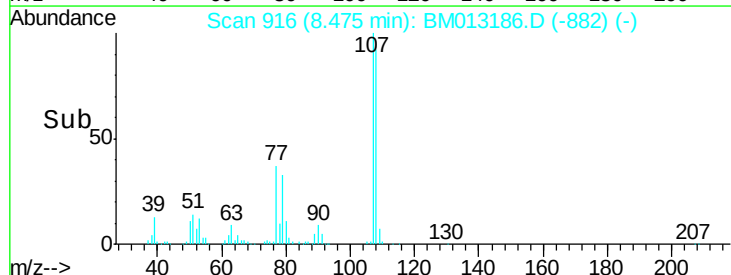
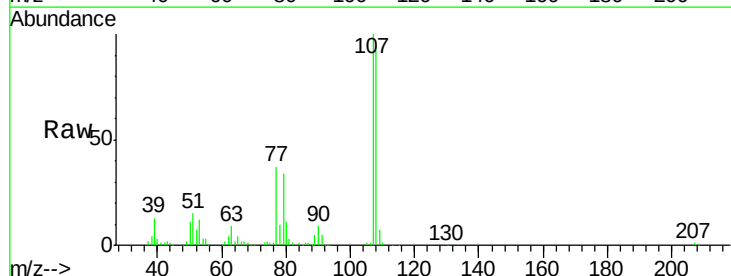
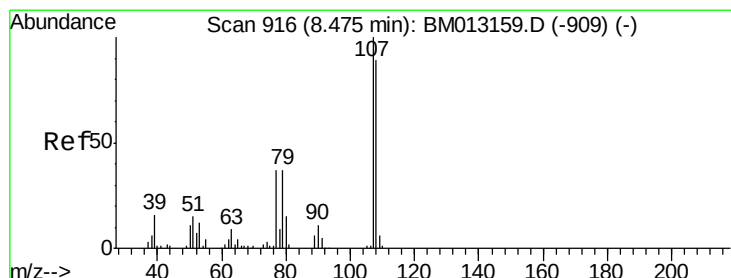
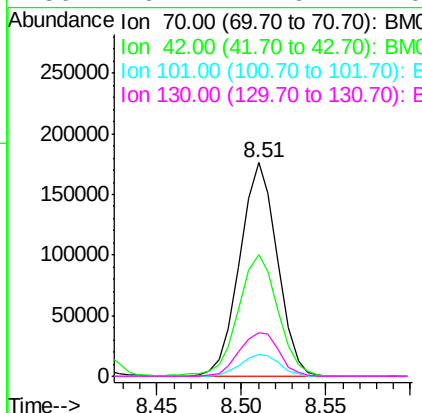




#15
N-Nitroso-di-n-propylamine
Concen: 20.38 ng/ul
RT: 8.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

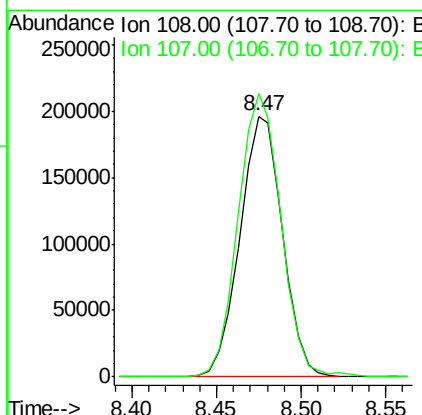
Instrument :
BNA_M
ClientSampleId :
SSTD02014

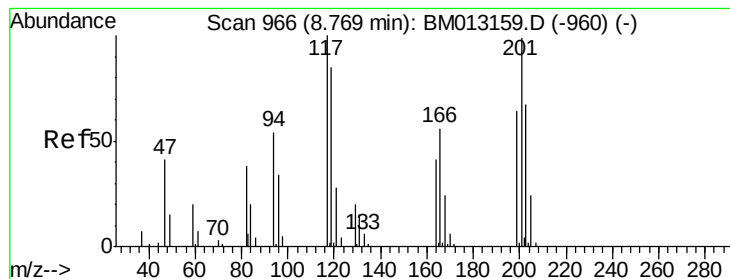
Tot Ion: 70 Resp: 273474
Ion Ratio Lower Upper
70 100
42 57.0 76.0 114.0#
101 10.1 6.7 10.1
130 20.2 14.6 22.0



#16
4-Methylphenol
Concen: 20.42 ng/ul
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

Tgt Ion: 108 Resp: 342305
Ion Ratio Lower Upper
108 100
107 108.6 84.9 127.3





#17

Hexachloroethane

Concen: 19.47 ng/ul

RT: 8.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

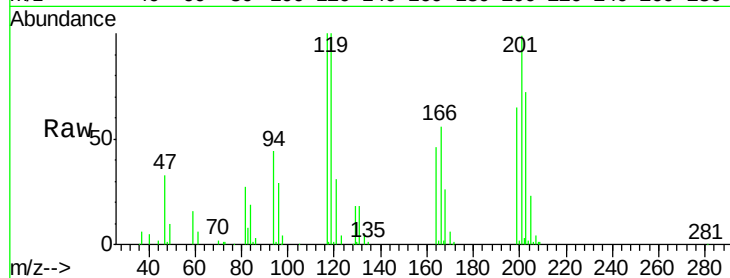
Tot Ion:117 Resp: 133191

Ion Ratio Lower Upper

117 100

201 98.9 111.6 167.4#

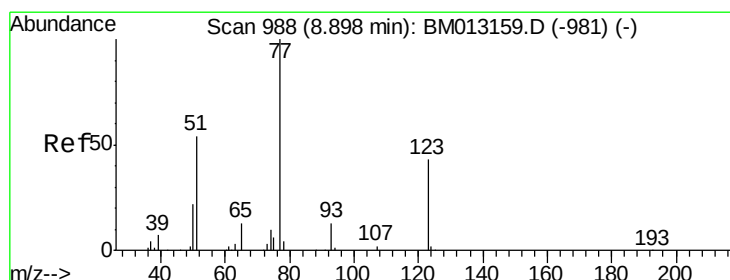
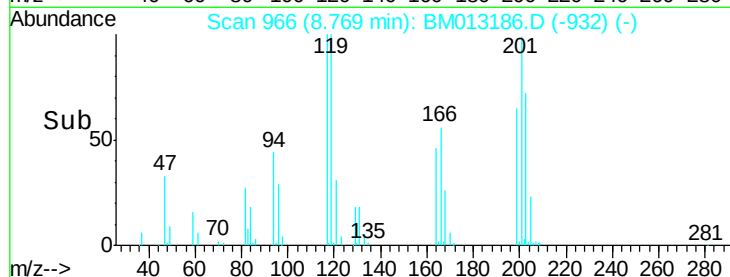
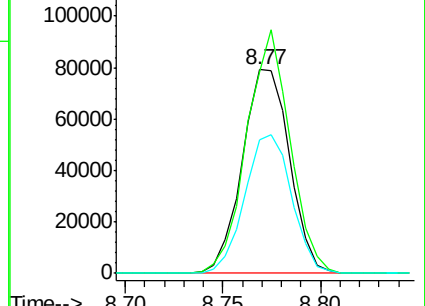
199 65.4 67.8 101.6#



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: 18.98 ng/ul

RT: 8.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

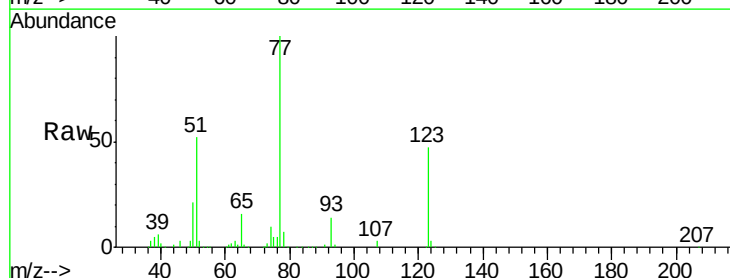
Tgt Ion: 77 Resp: 392283

Ion Ratio Lower Upper

77 100

123 46.6 31.0 46.6#

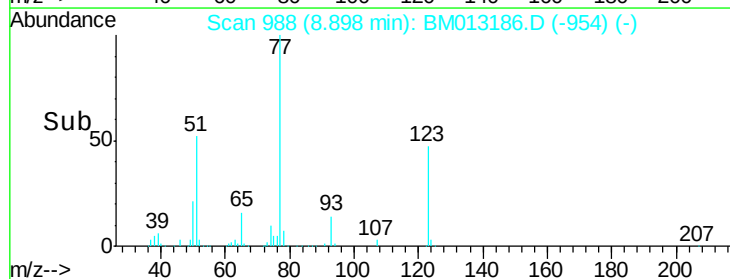
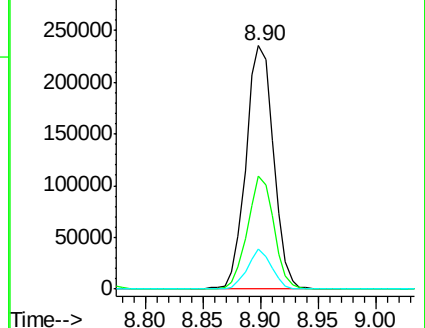
65 16.3 12.2 18.2

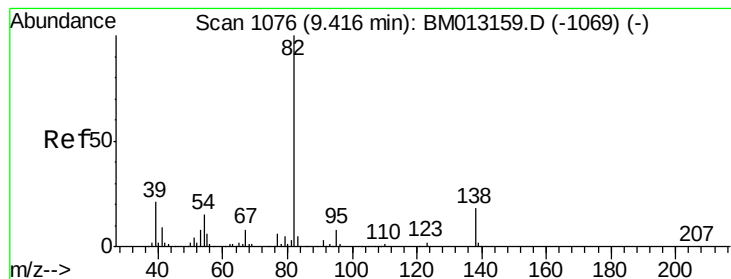


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 20.56 ng/ul

RT: 9.42 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

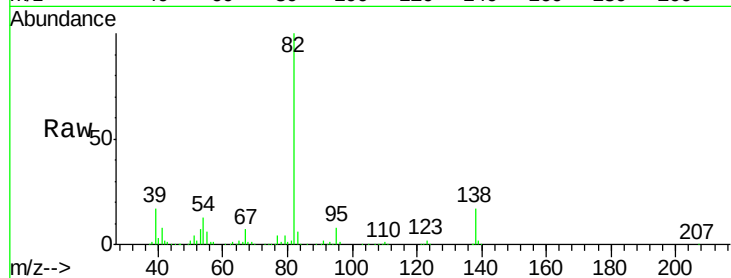
Tot Ion: 82 Resp: 748041

Ion Ratio Lower Upper

82 100

95 8.1 7.8 11.8

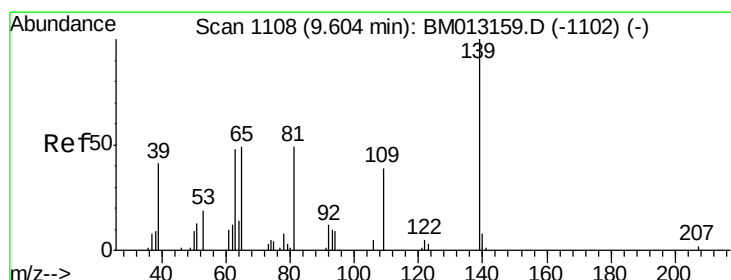
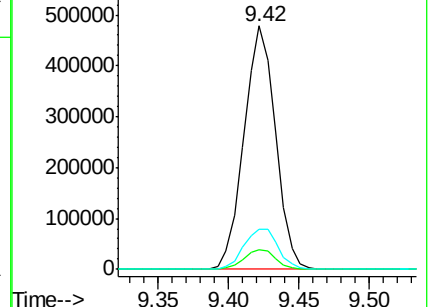
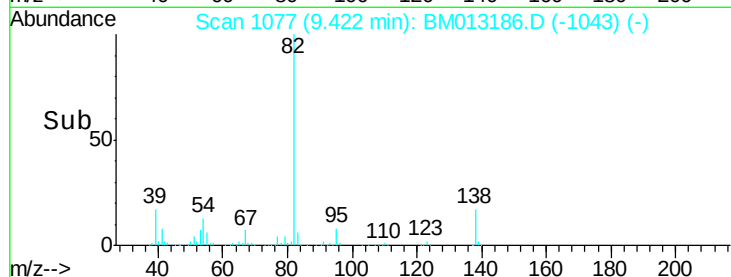
138 16.5 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM013159.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BM013159.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BM013159.D (-1069) (-)



#23

2-Nitrophenol

Concen: 20.39 ng/ul

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

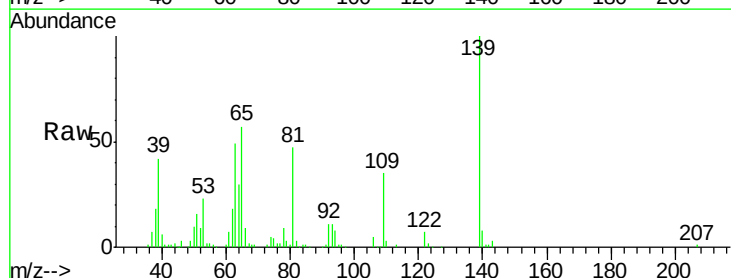
Tgt Ion: 139 Resp: 185698

Ion Ratio Lower Upper

139 100

65 57.3 55.4 83.0

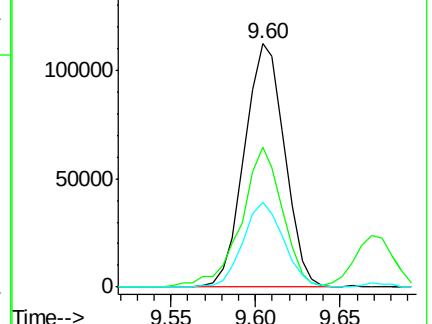
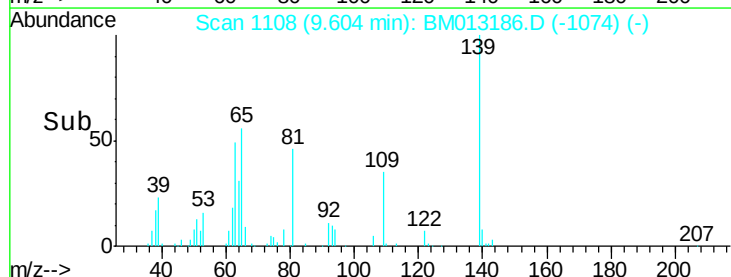
109 34.9 42.2 63.2#

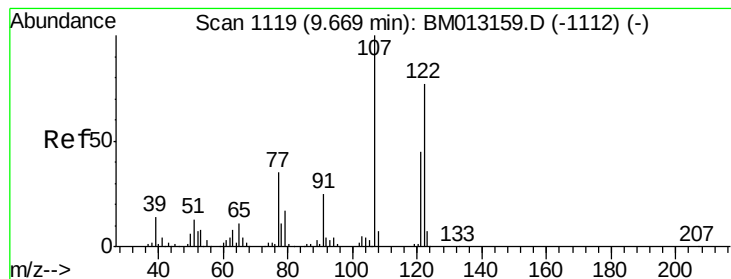


Abundance Ion 139.00 (138.70 to 139.70): BM013159.D (-1102) (-)

Ion 65.00 (64.70 to 65.70): BM013159.D (-1102) (-)

Ion 109.00 (108.70 to 109.70): BM013159.D (-1102) (-)





#24

2,4-Dimethylphenol

Concen: 20.09 ng/ul

RT: 9.67 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

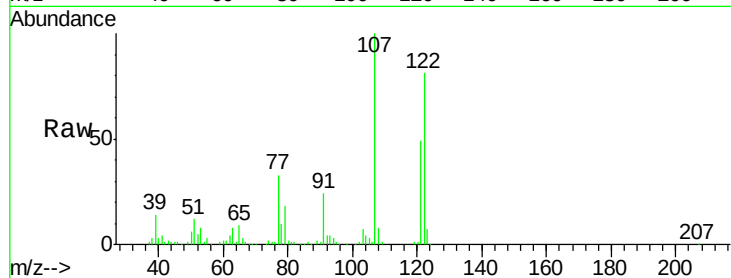
Tot Ion:107 Resp: 398935

Ion Ratio Lower Upper

107 100

121 49.2 31.9 47.9#

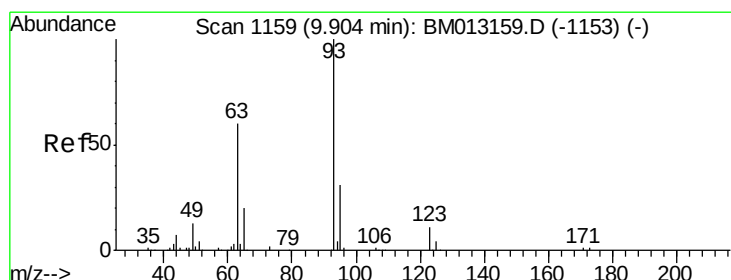
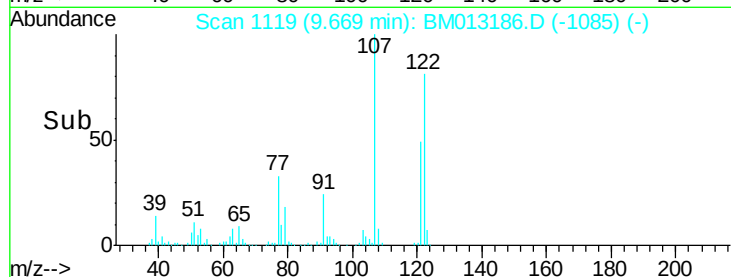
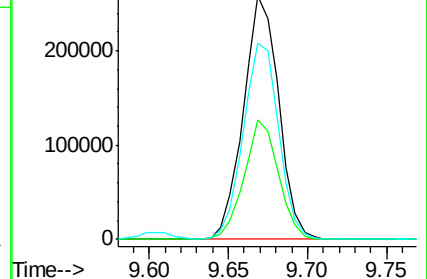
122 80.8 57.8 86.6



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: 20.48 ng/ul

RT: 9.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

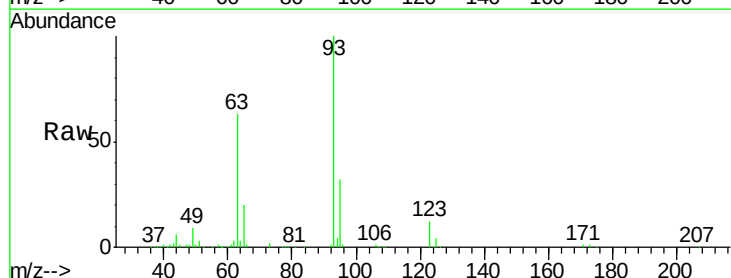
Tgt Ion: 93 Resp: 435923

Ion Ratio Lower Upper

93 100

95 32.0 28.5 42.7

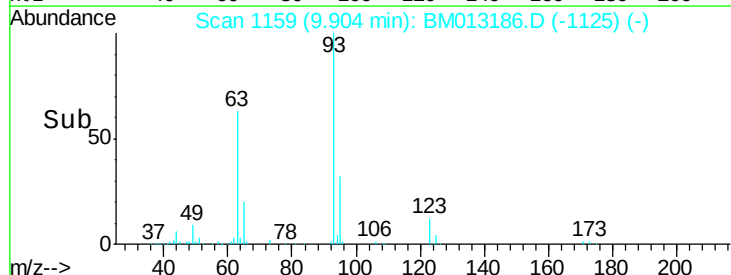
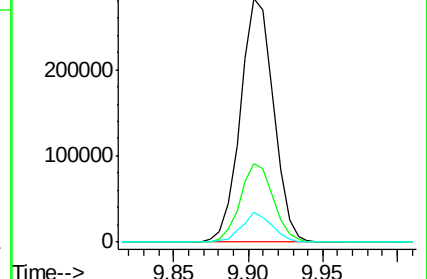
123 12.1 8.9 13.3

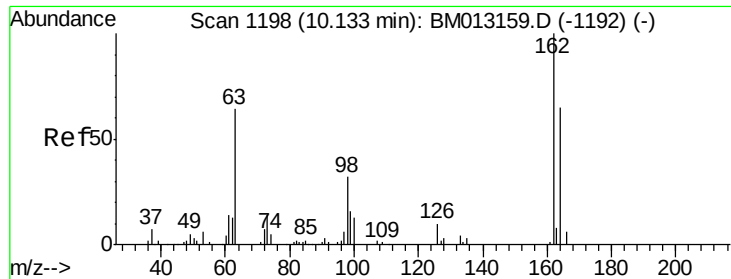


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

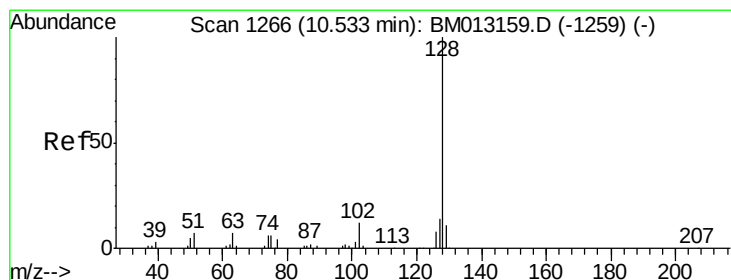
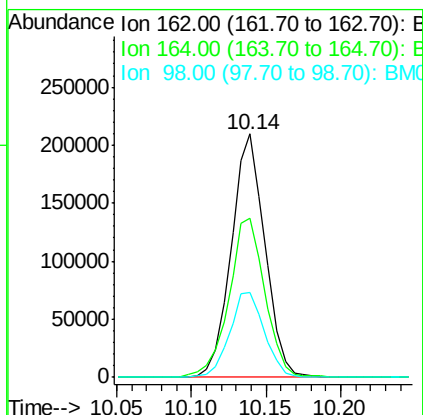
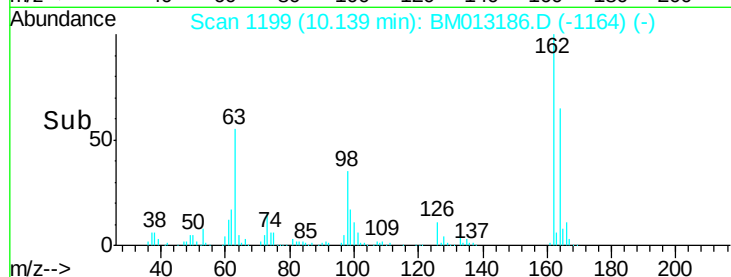
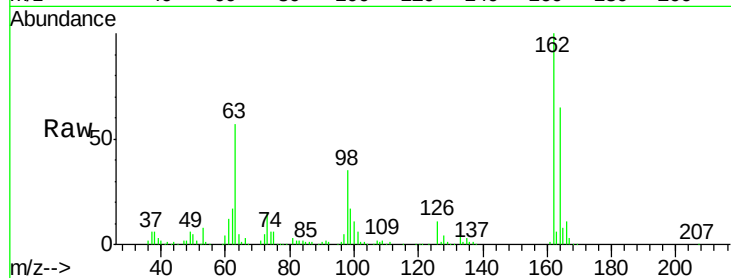




#27
2,4-Dichlorophenol
Concen: 19.68 ng/ul
RT: 10.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

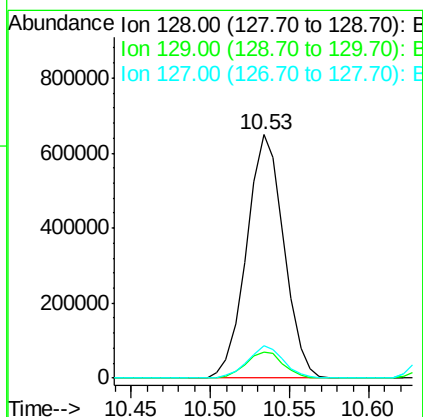
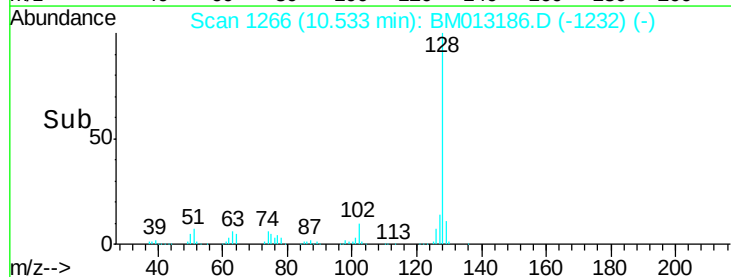
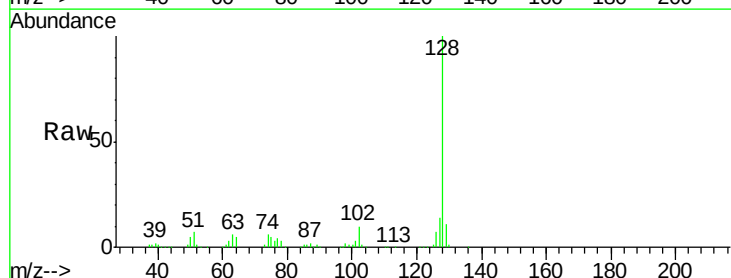
Instrument :
BNA_M
ClientSampled :
SSTD02014

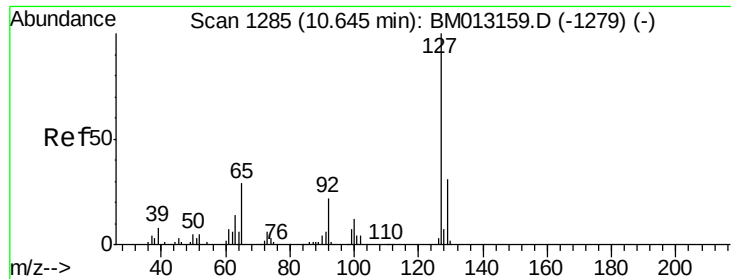
Tot Ion:162 Resp: 328940
Ion Ratio Lower Upper
162 100
164 65.2 47.8 71.6
98 34.7 23.0 34.4#



#28
Naphthalene
Concen: 19.87 ng/ul
RT: 10.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

Tgt Ion:128 Resp: 1058112
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.5 10.6 16.0

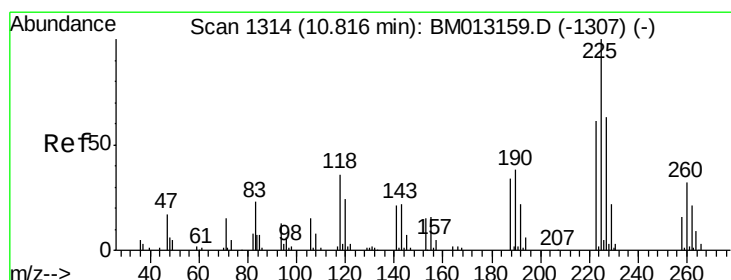
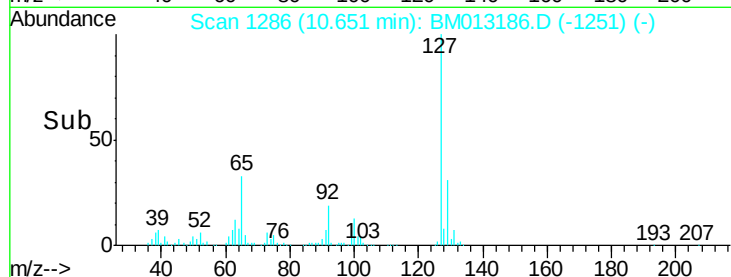
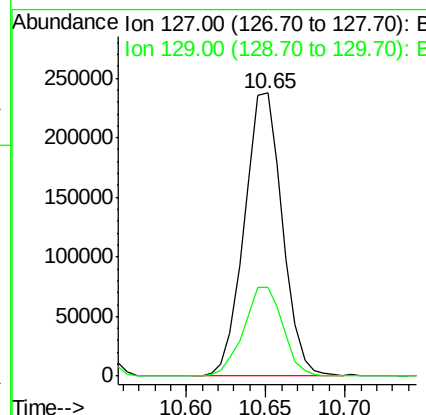
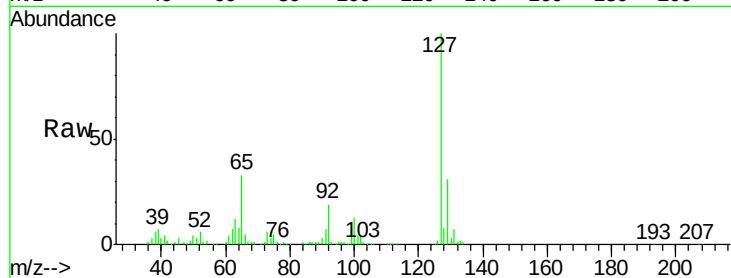




#30
4-Chloroaniline
Concen: 24.65 ng/ul
RT: 10.65 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

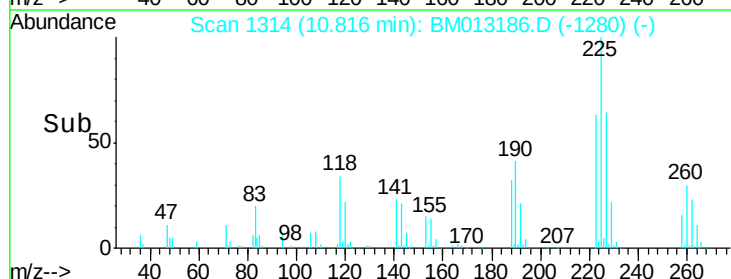
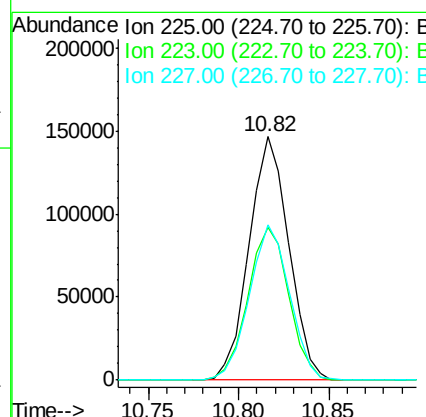
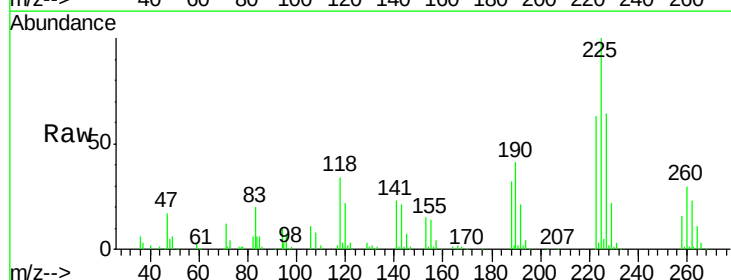
Instrument :
BNA_M
ClientSampleId :
SSTD02014

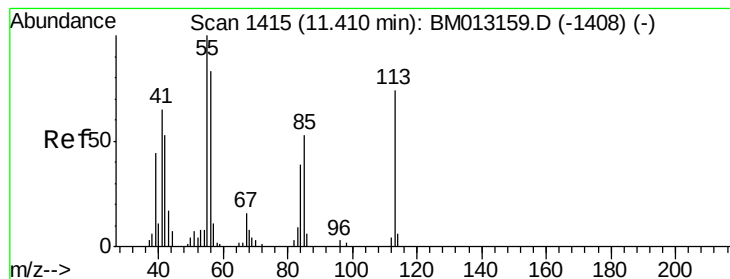
Tot Ion:127 Resp: 397002
Ion Ratio Lower Upper
127 100
129 31.2 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.46 ng/ul
RT: 10.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

Tgt Ion:225 Resp: 223509
Ion Ratio Lower Upper
225 100
223 65.5 49.4 74.2
227 64.0 45.4 68.2





#32

Caprolactam

Concen: 20.95 ng/ul

RT: 11.42 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

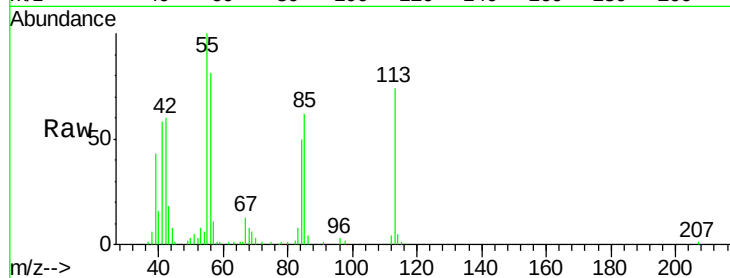
Tot Ion:113 Resp: 111940

Ion Ratio Lower Upper

113 100

55 135.7 208.0 312.0#

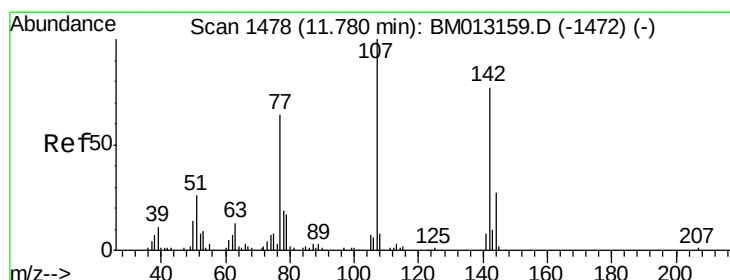
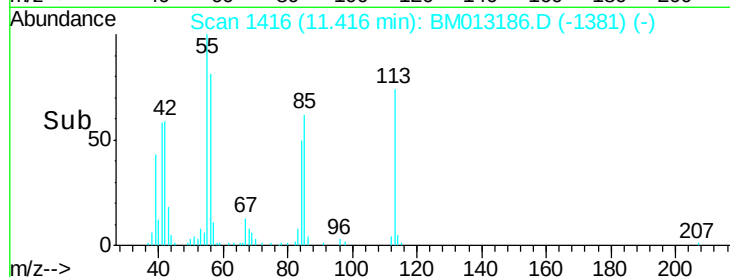
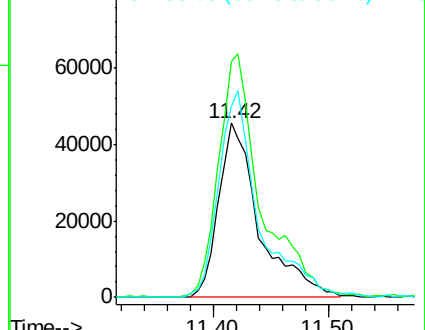
56 109.7 160.0 240.0#



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: 20.15 ng/ul

RT: 11.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

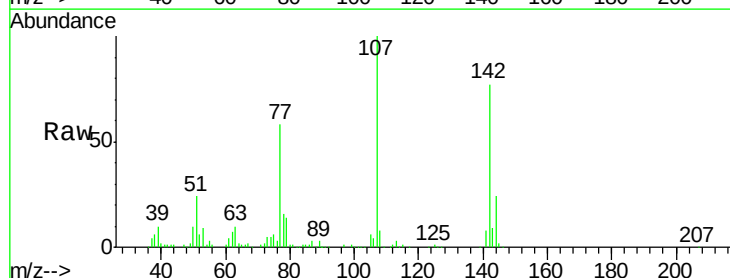
Tgt Ion:107 Resp: 369579

Ion Ratio Lower Upper

107 100

144 23.8 20.4 30.6

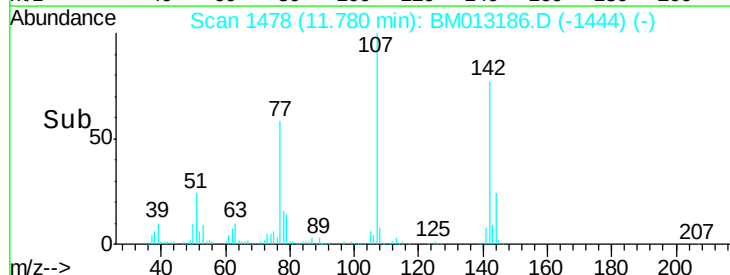
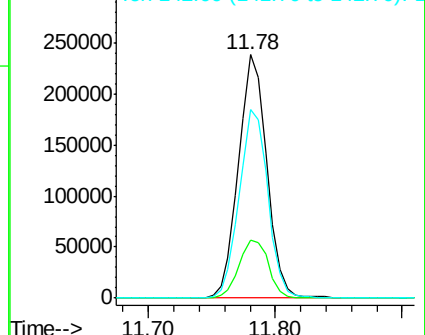
142 77.3 60.5 90.7

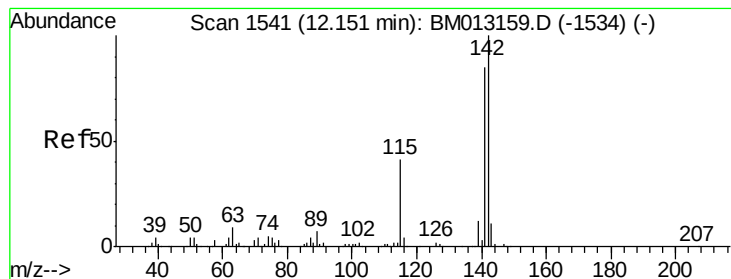


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.48 ng/ul

RT: 12.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

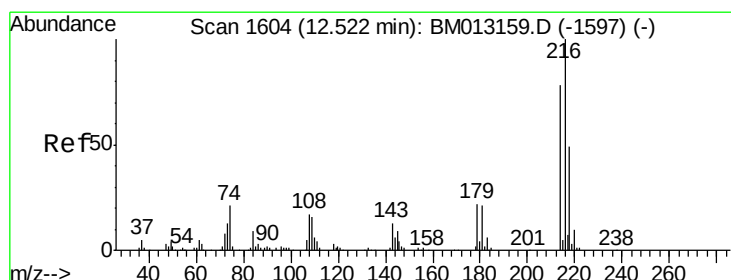
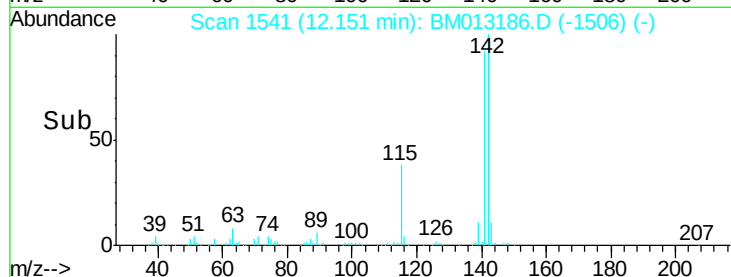
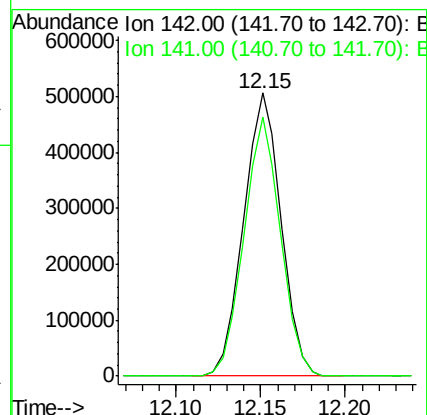
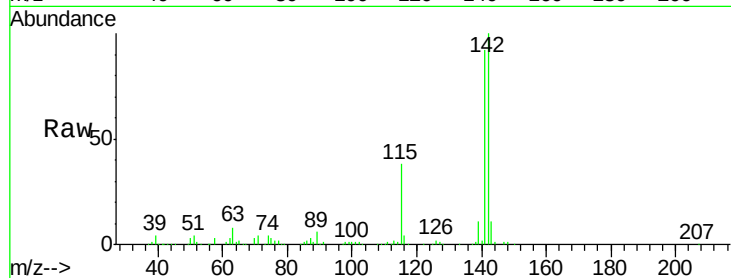
SSTD02014

Tot Ion:142 Resp: 779707

Ion Ratio Lower Upper

142 100

141 91.6 74.1 111.1



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.01 ng/ul

RT: 12.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Tgt Ion:216 Resp: 438334

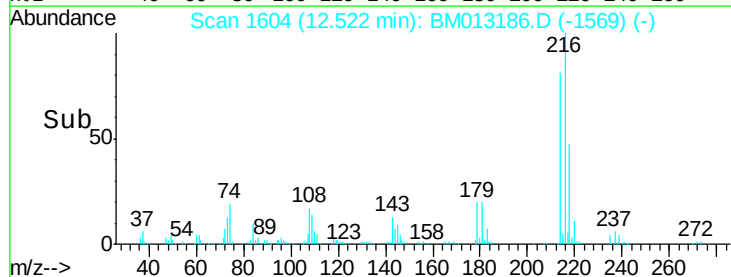
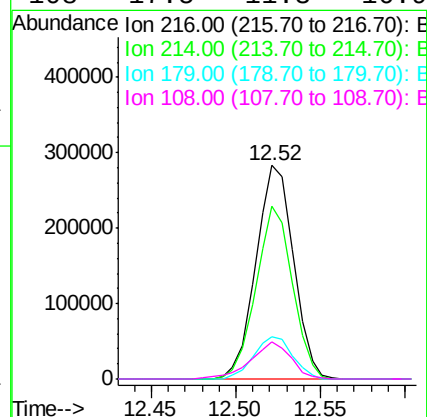
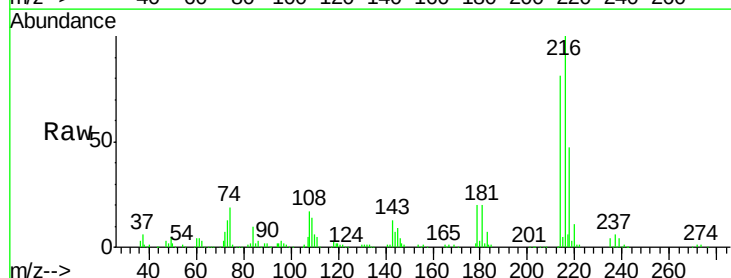
Ion Ratio Lower Upper

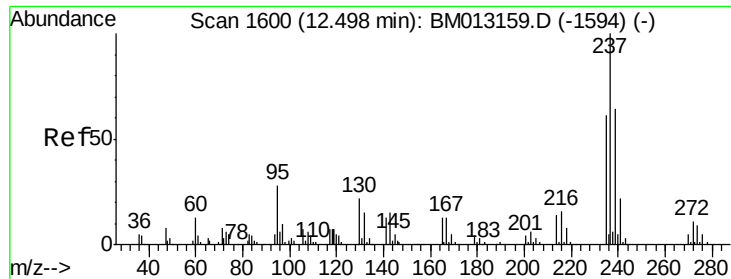
216 100

214 80.8 60.6 90.8

179 20.0 17.5 26.3

108 17.5 11.3 16.9#





#37

Hexachlorocyclopentadiene

Concen: 16.73 ng/ul

RT: 12.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

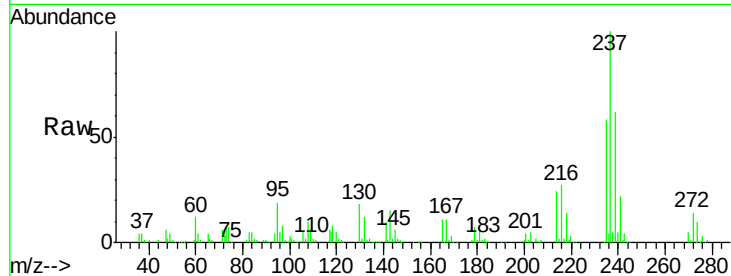
Tot Ion:237 Resp: 253986

Ion Ratio Lower Upper

237 100

235 57.8 50.2 75.4

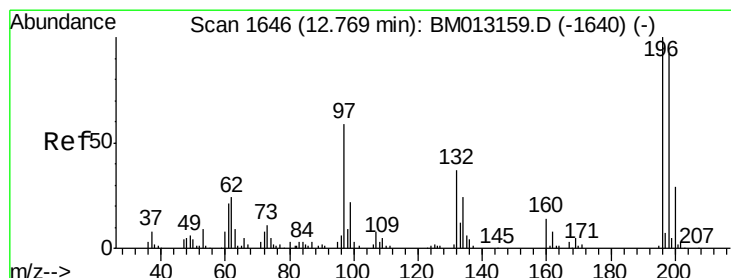
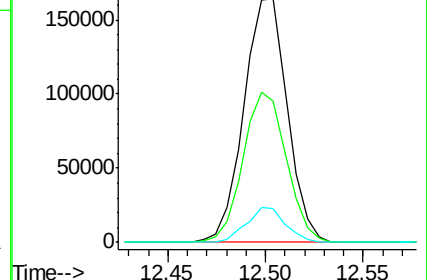
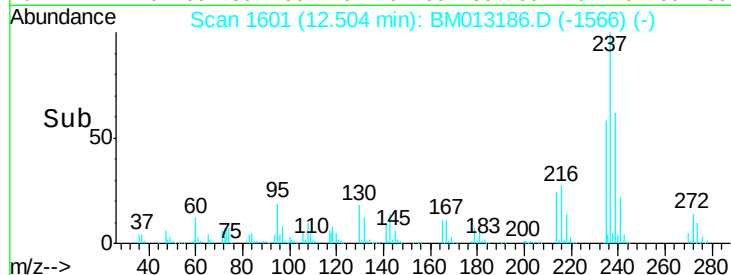
272 13.7 11.0 16.6



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: 20.26 ng/ul

RT: 12.77 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

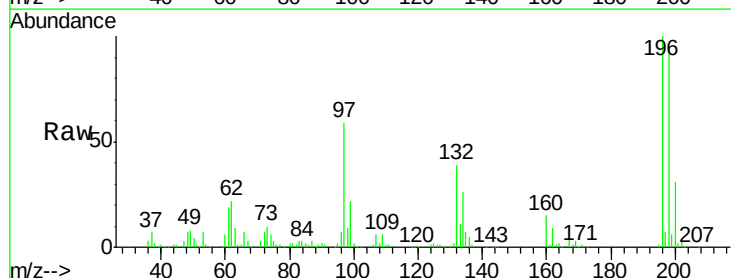
Tgt Ion:196 Resp: 291342

Ion Ratio Lower Upper

196 100

198 95.3 74.1 111.1

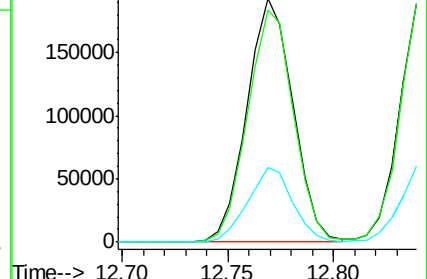
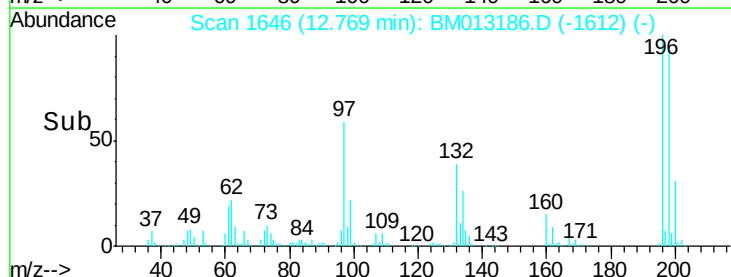
200 30.7 25.2 37.8

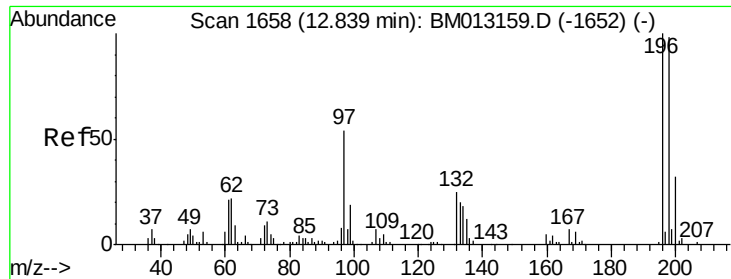


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

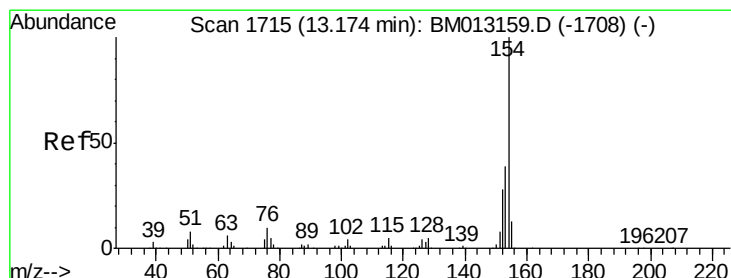
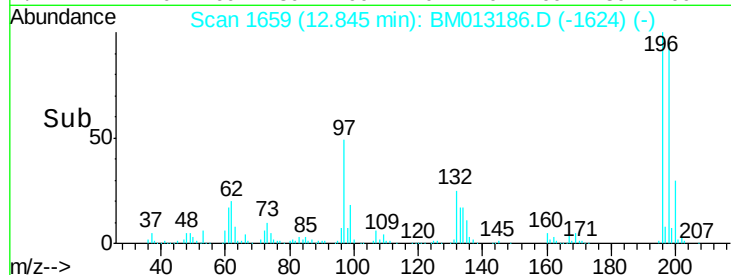
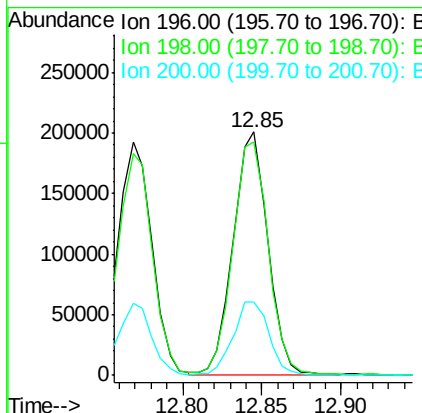
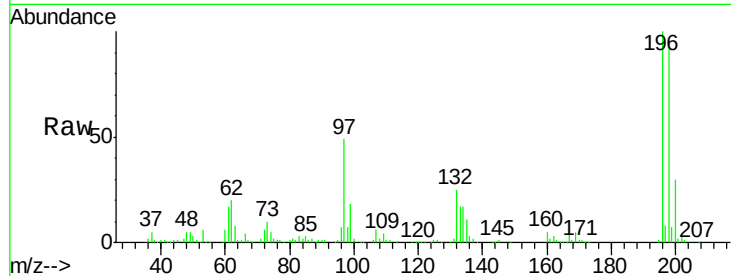




#39
 2,4,5-Trichlorophenol
 Concen: 19.82 ng/ul
 RT: 12.85 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: BM013186.D
 Acq: 05 Dec 2017 11:55

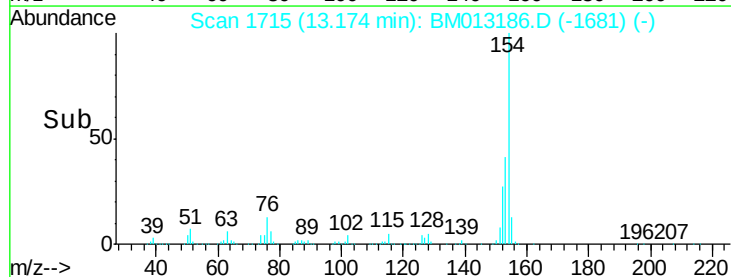
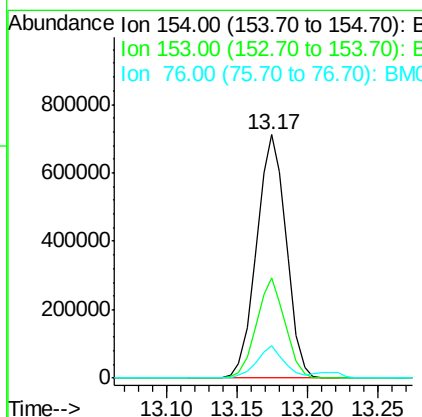
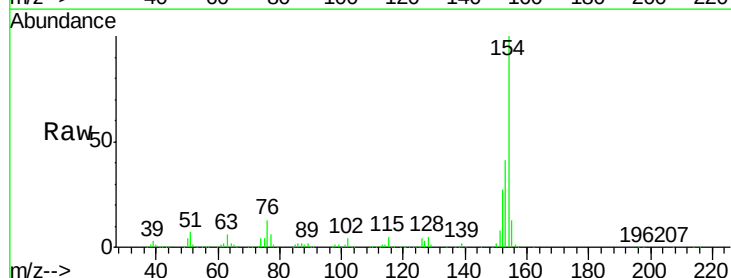
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02014

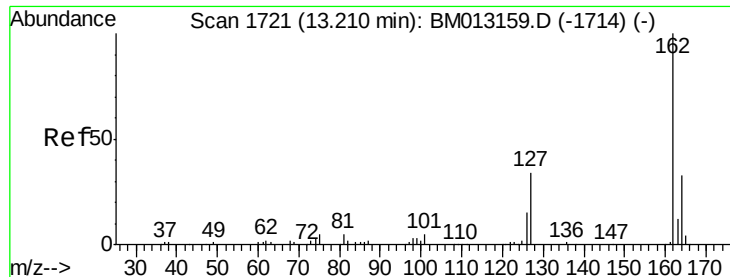
Tot Ion:196 Resp: 302743
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.6 113.4
 200 30.1 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 19.50 ng/ul
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BM013186.D
 Acq: 05 Dec 2017 11:55

Tgt Ion:154 Resp: 1053377
 Ion Ratio Lower Upper
 154 100
 153 41.2 32.6 48.8
 76 13.3 8.5 12.7#

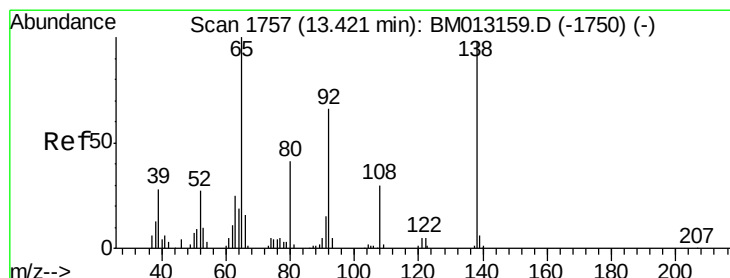
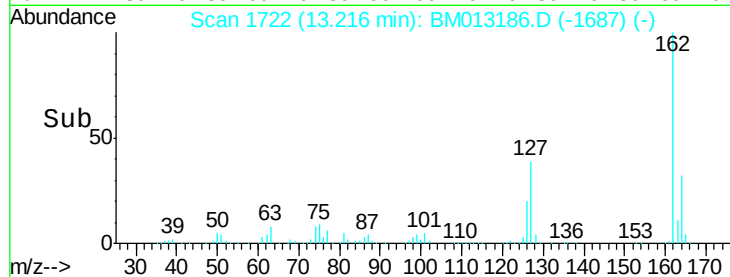
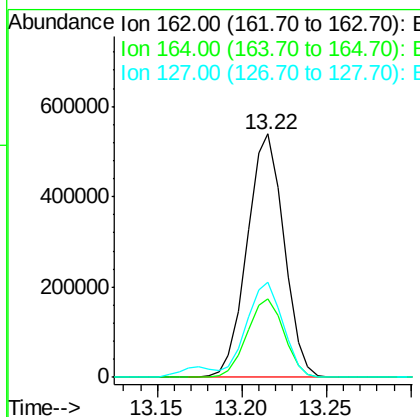
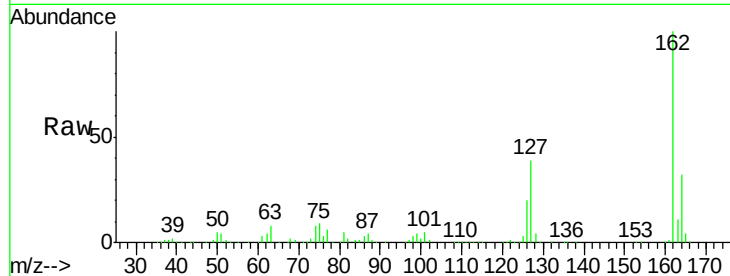




#41
 2-Chloronaphthalene
 Concen: 19.34 ng/ul
 RT: 13.22 min Scan# 1722
 Delta R.T. 0.01 min
 Lab File: BM013186.D
 Acq: 05 Dec 2017 11:55

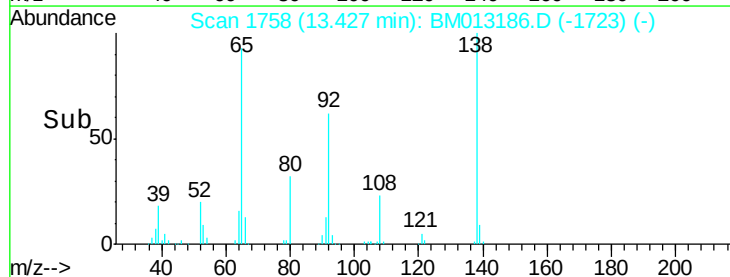
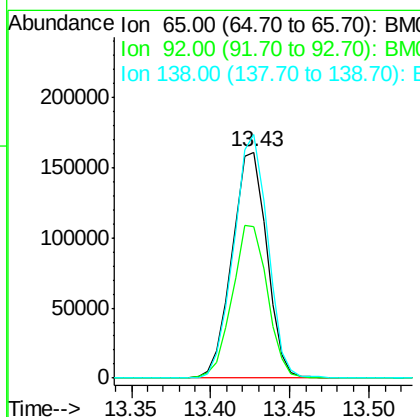
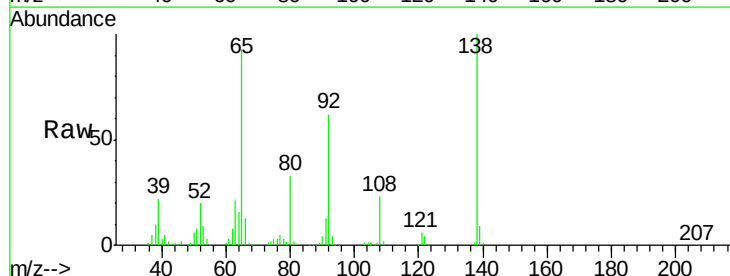
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02014

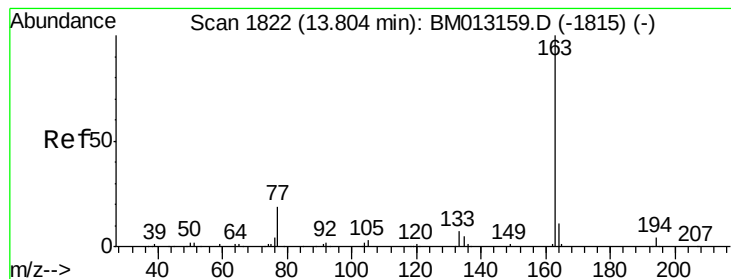
Tot Ion:162 Resp: 819630
 Ion Ratio Lower Upper
 162 100
 164 32.1 25.9 38.9
 127 38.9 29.4 44.2



#42
 2-Nitroaniline
 Concen: 19.80 ng/ul
 RT: 13.43 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: BM013186.D
 Acq: 05 Dec 2017 11:55

Tgt Ion: 65 Resp: 245829
 Ion Ratio Lower Upper
 65 100
 92 66.7 51.8 77.6
 138 107.6 74.2 111.4





#44

Dimethylphthalate

Concen: 19.58 ng/ul

RT: 13.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

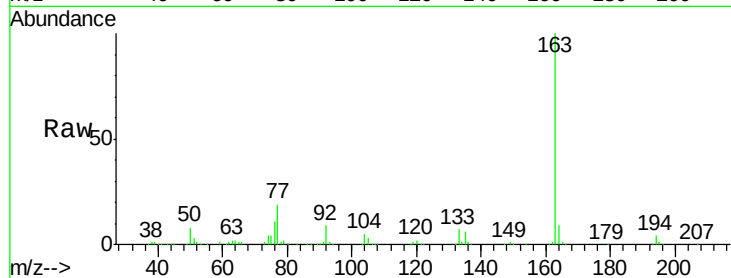
Tot Ion:163 Resp: 1065218

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

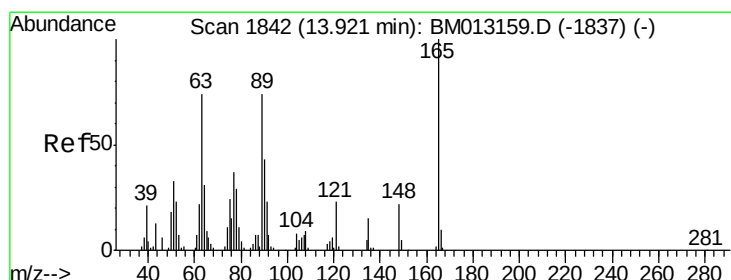
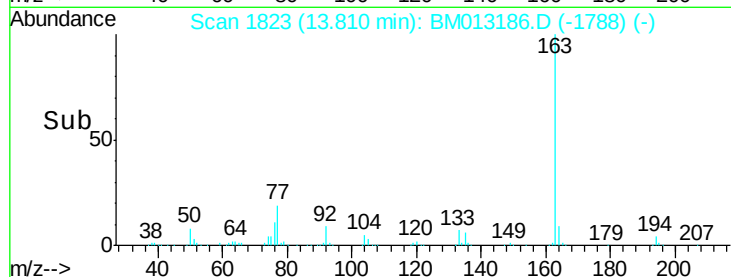
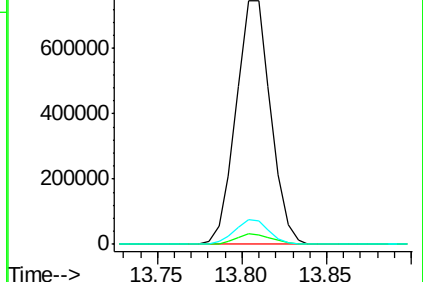
164 9.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 19.47 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

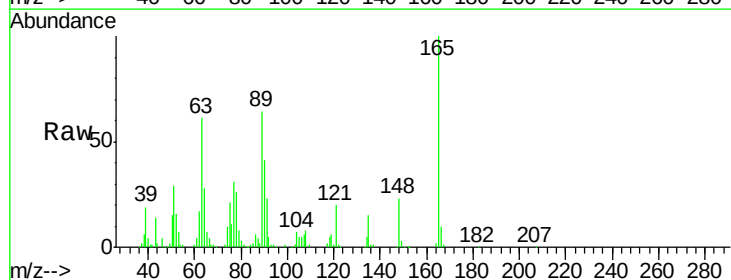
Tgt Ion:165 Resp: 215984

Ion Ratio Lower Upper

165 100

89 64.1 52.6 79.0

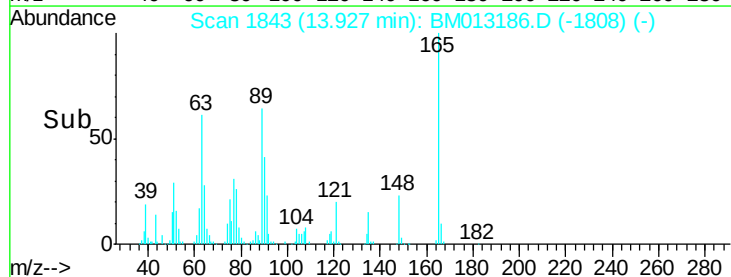
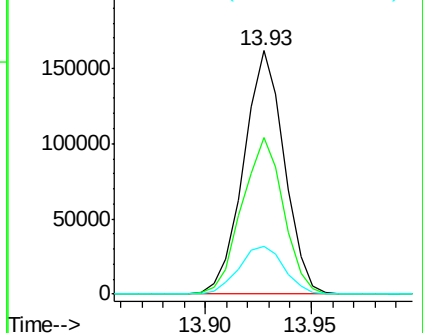
121 19.6 14.6 22.0

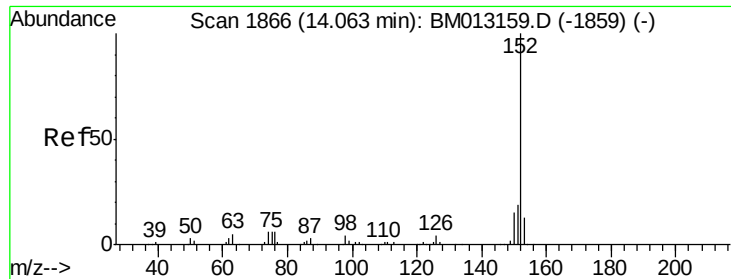


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

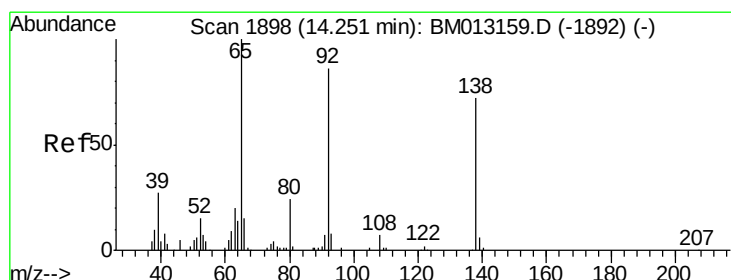
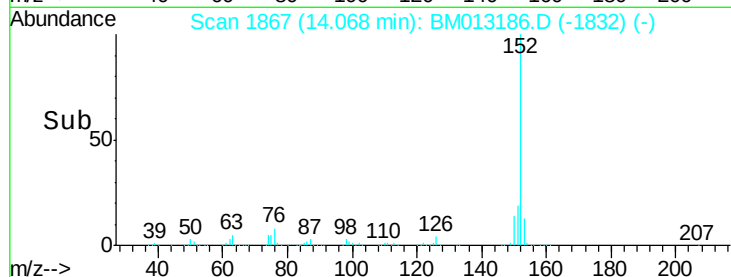
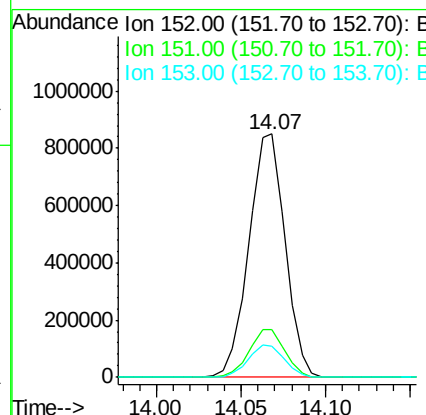
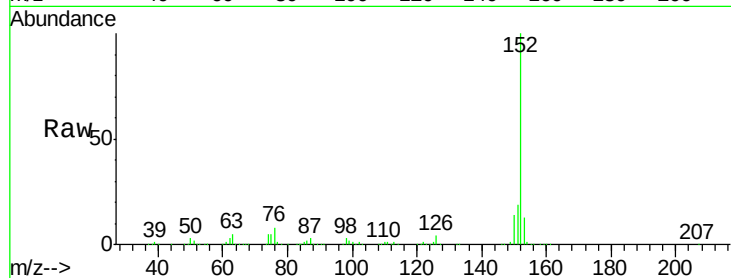




#47
Acenaphthylene
Concen: 19.54 ng/ul
RT: 14.07 min Scan# 1867
Delta R.T. 0.01 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

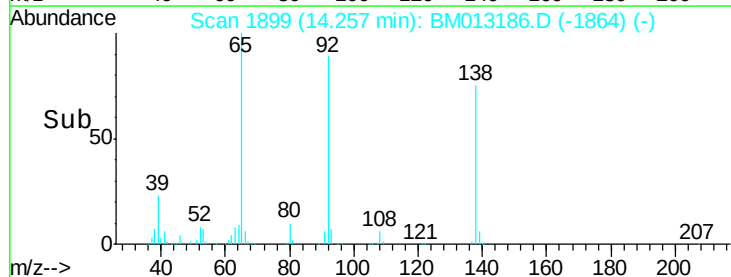
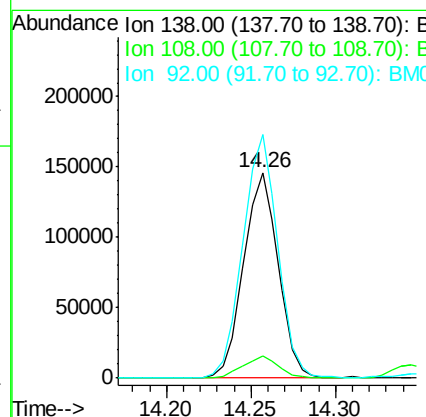
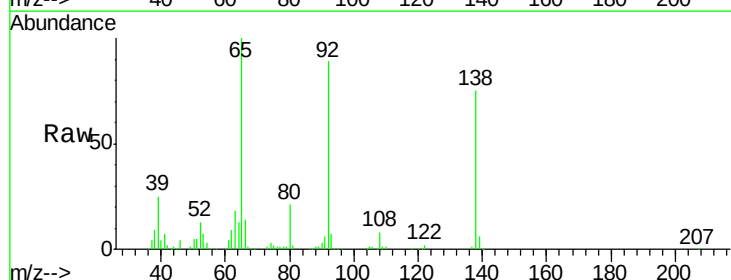
Instrument :
BNA_M
ClientSampleId :
SSTD02014

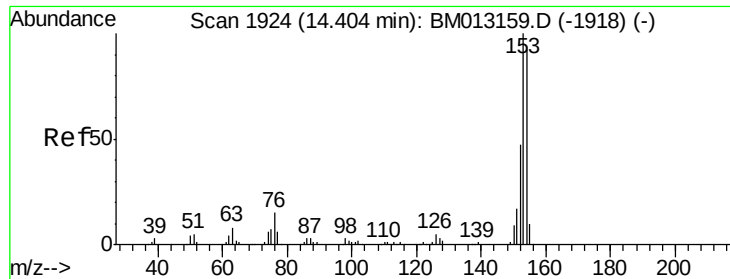
Tot Ion:152 Resp: 1269414
Ion Ratio Lower Upper
152 100
151 19.4 16.3 24.5
153 12.8 10.2 15.4



#48
3-Nitroaniline
Concen: 21.02 ng/ul
RT: 14.26 min Scan# 1899
Delta R.T. 0.01 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

Tgt Ion:138 Resp: 208428
Ion Ratio Lower Upper
138 100
108 11.0 9.9 14.9
92 118.6 105.0 157.4





#49

Acenaphthene

Concen: 19.55 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

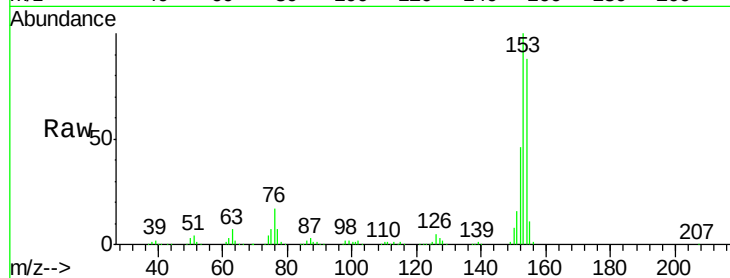
Tot Ion:153 Resp: 865029

Ion Ratio Lower Upper

153 100

152 46.2 37.6 56.4

154 87.9 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

800000

600000

400000

200000

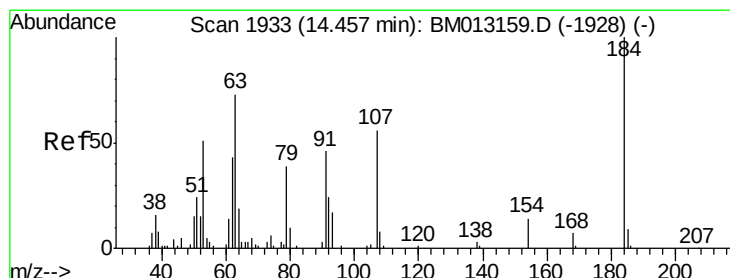
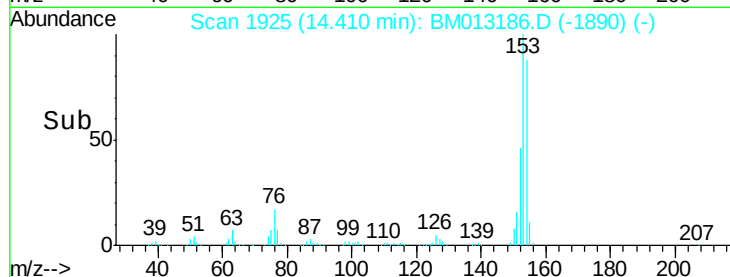
0

14.35

14.40

14.45

Time-->



#50

2,4-Dinitrophenol

Concen: 15.61 ng/ul

RT: 14.47 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

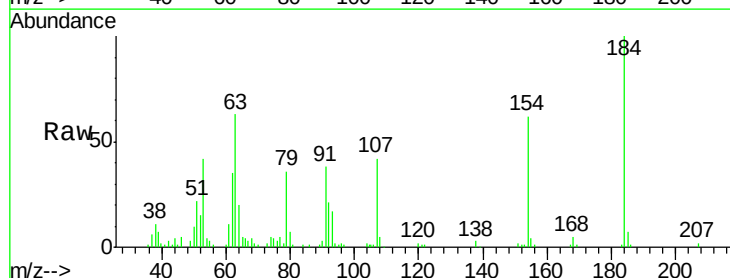
Tgt Ion:184 Resp: 95858

Ion Ratio Lower Upper

184 100

63 63.3 50.1 75.1

154 62.1 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

600000

400000

200000

0

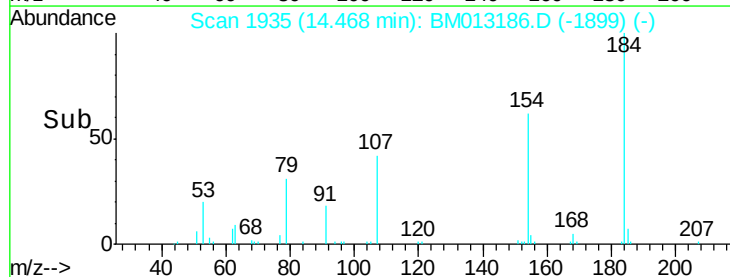
14.40

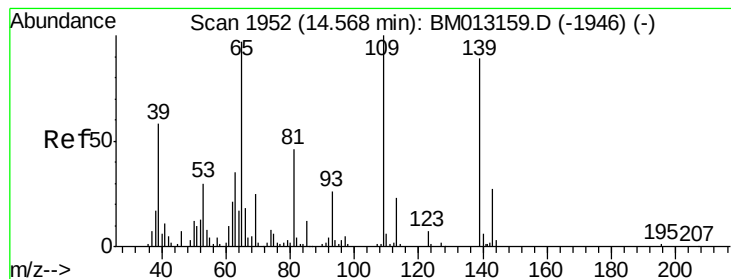
14.45

14.50

14.55

Time-->





#52

4-Nitrophenol

Concen: 17.32 ng/ul

RT: 14.57 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

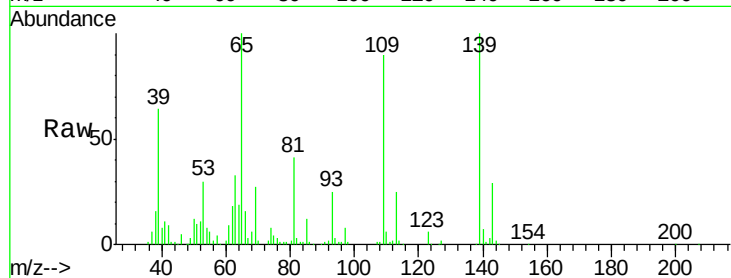
Tot Ion:109 Resp: 167938

Ion Ratio Lower Upper

109 100

139 110.6 80.0 120.0

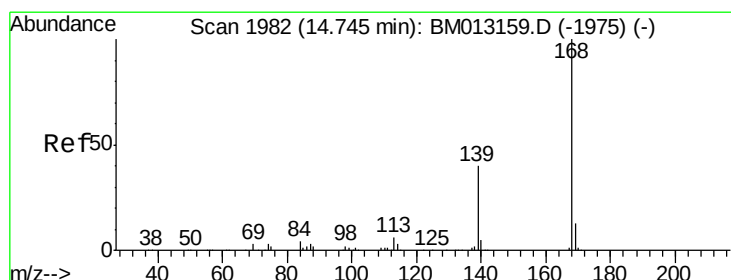
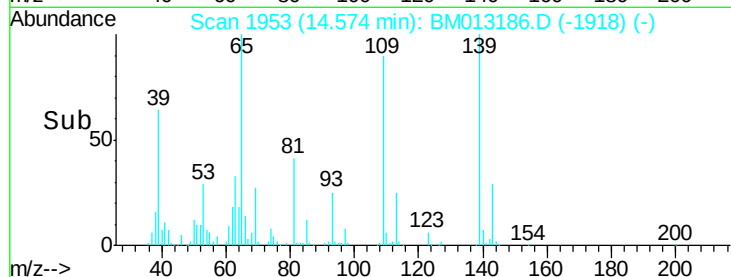
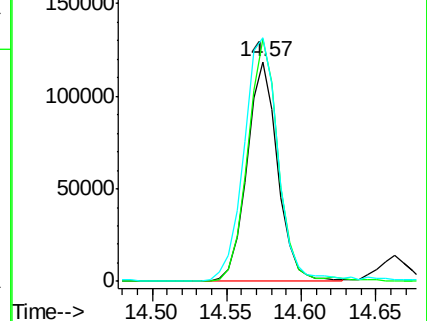
65 111.0 120.0 180.0#



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: 19.18 ng/ul

RT: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BM013186.D

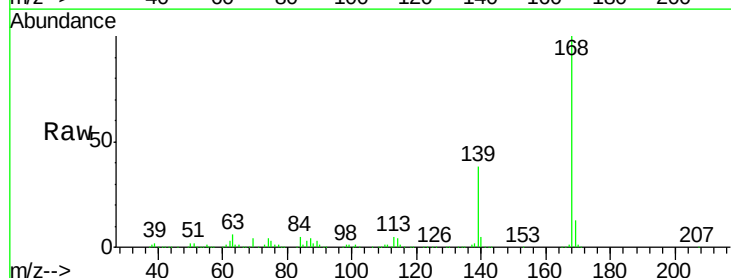
Acq: 05 Dec 2017 11:55

Tgt Ion:168 Resp: 1253176

Ion Ratio Lower Upper

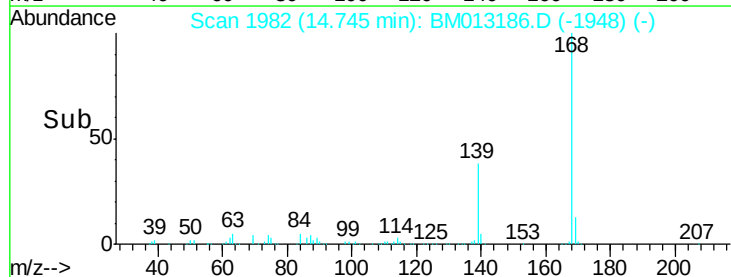
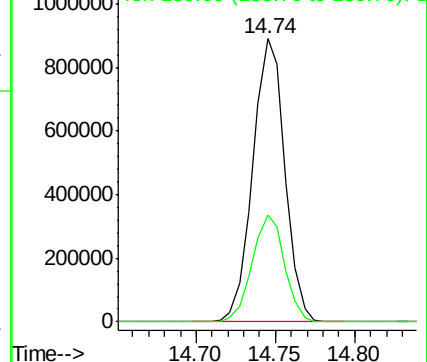
168 100

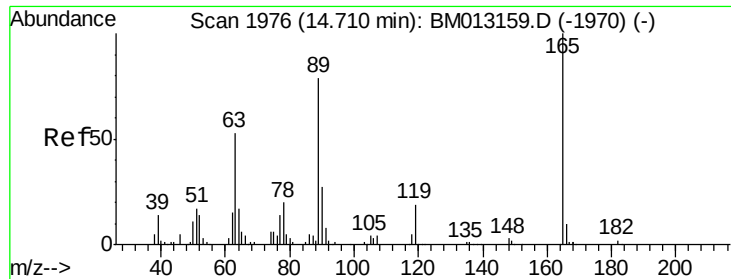
139 37.7 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

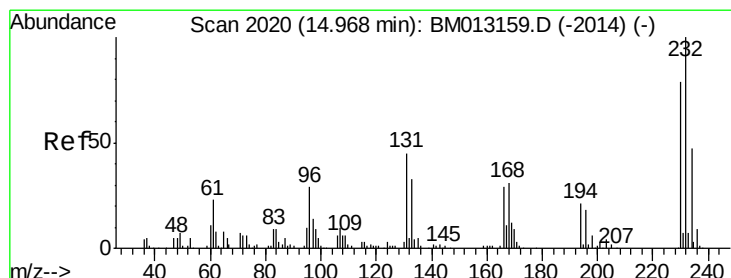
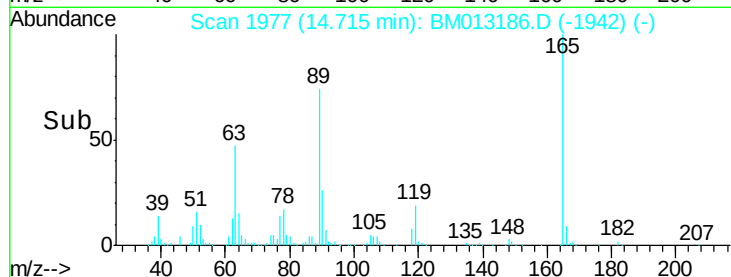
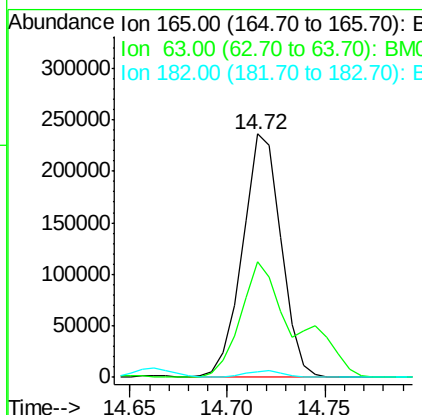
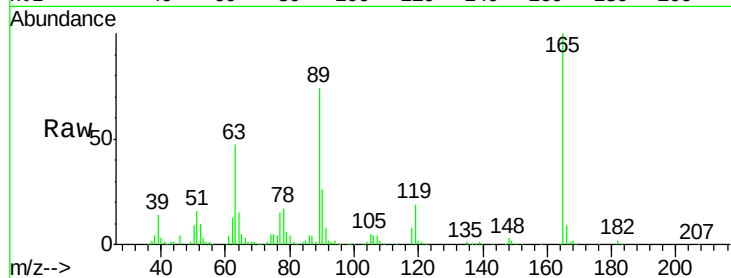




#54
 2,4-Dinitrotoluene
 Concen: 19.99 ng/ul
 RT: 14.72 min Scan# 1977
 Delta R.T. 0.01 min
 Lab File: BM013186.D
 Acq: 05 Dec 2017 11:55

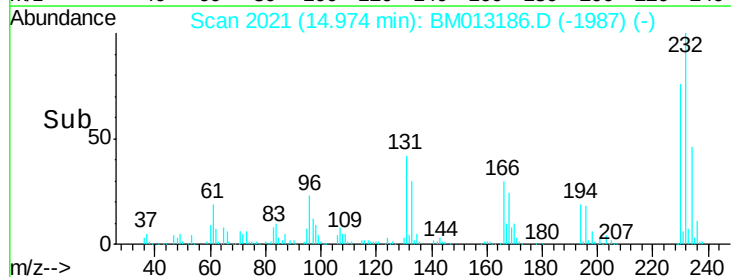
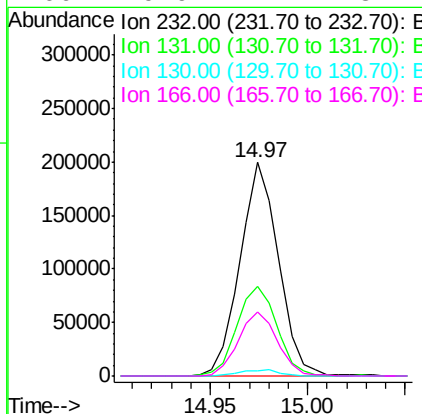
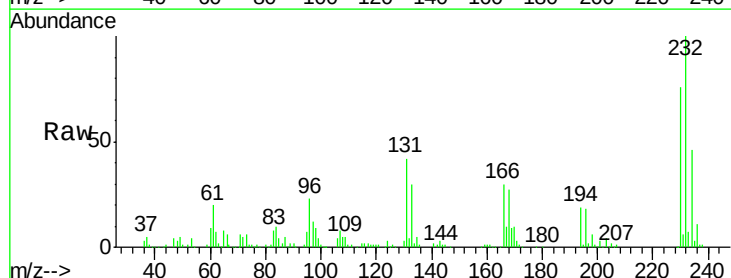
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02014

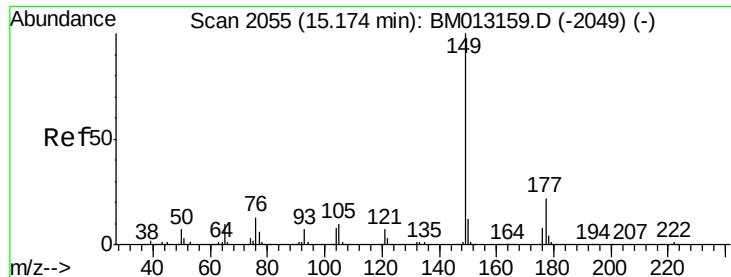
Tot Ion:165 Resp: 322683
 Ion Ratio Lower Upper
 165 100
 63 47.3 45.8 68.8
 182 2.2 2.6 4.0#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.49 ng/ul
 RT: 14.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BM013186.D
 Acq: 05 Dec 2017 11:55

Tgt Ion:232 Resp: 272911
 Ion Ratio Lower Upper
 232 100
 131 41.8 29.0 43.4
 130 2.6 2.0 3.0
 166 29.9 21.4 32.2

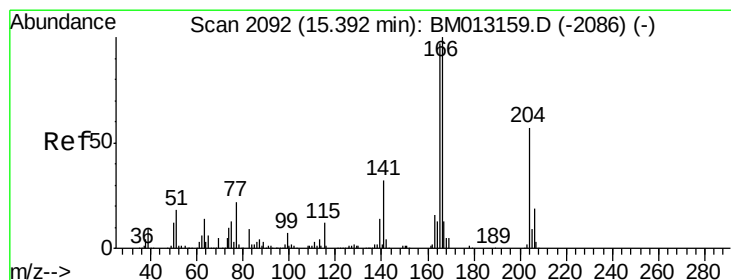
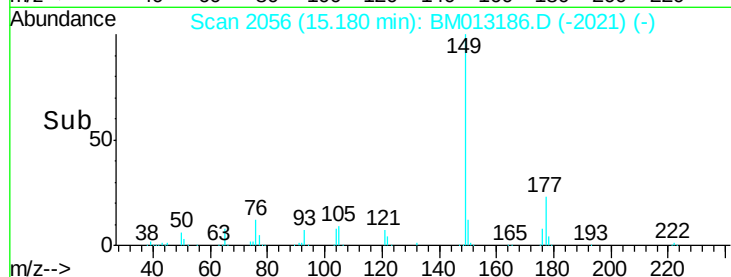
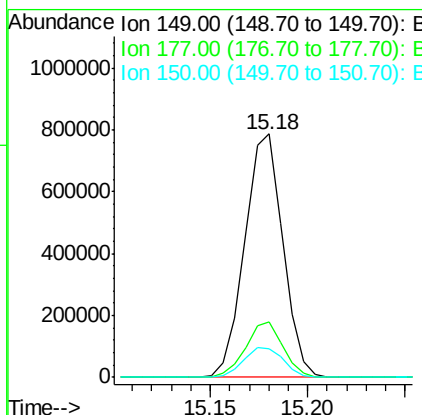
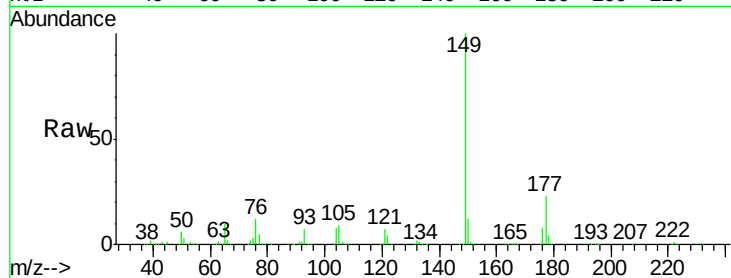




#56
Diethylphthalate
Concen: 19.54 ng/ul
RT: 15.18 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

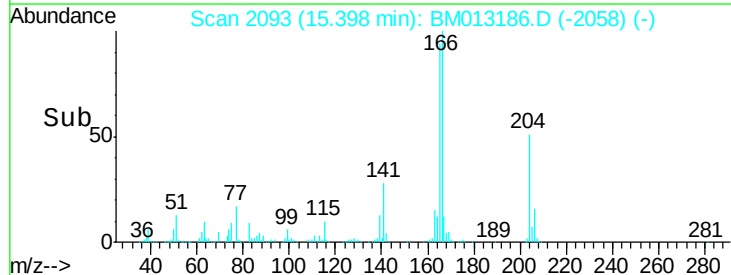
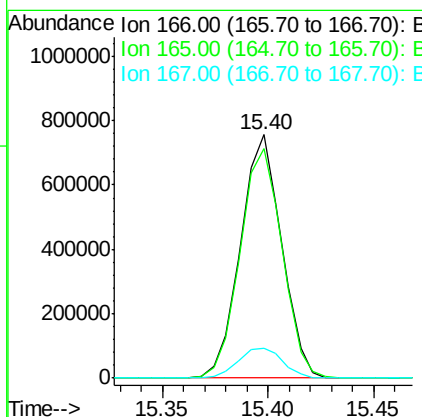
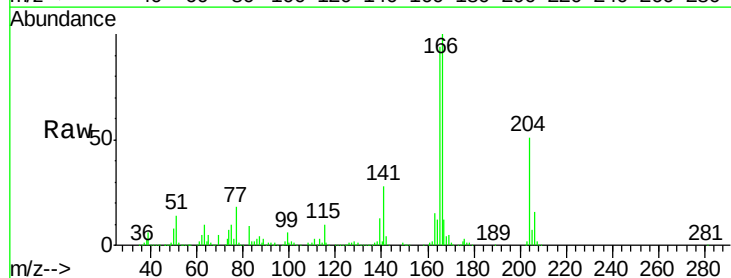
Instrument :
BNA_M
ClientSampleId :
SSTD02014

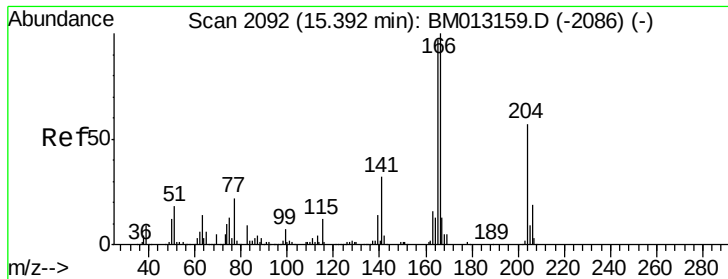
Tot Ion:149 Resp: 1066185
Ion Ratio Lower Upper
149 100
177 23.0 20.5 30.7
150 11.9 10.6 15.8



#58
Fluorene
Concen: 18.85 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

Tgt Ion:166 Resp: 1018831
Ion Ratio Lower Upper
166 100
165 94.3 77.9 116.9
167 12.5 10.6 16.0

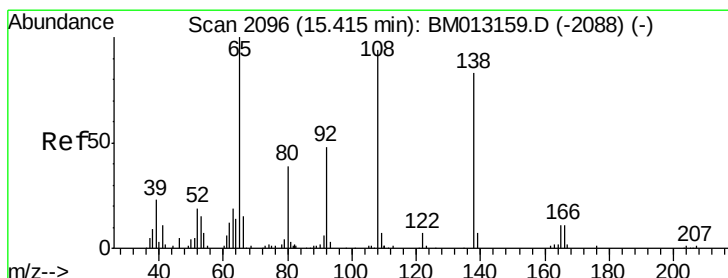
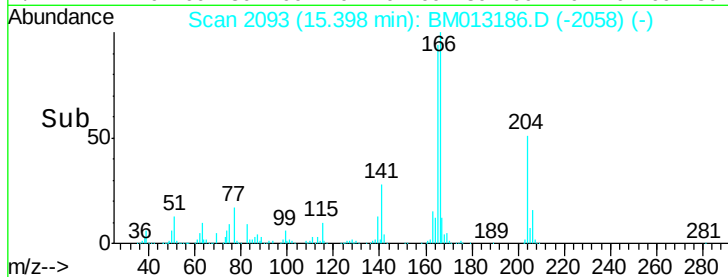
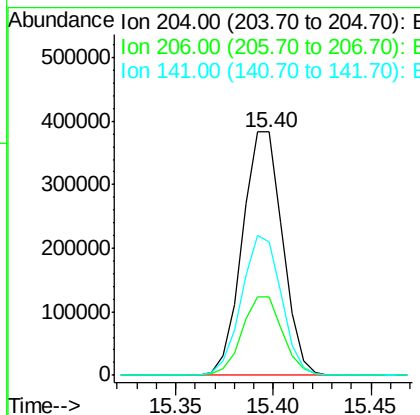
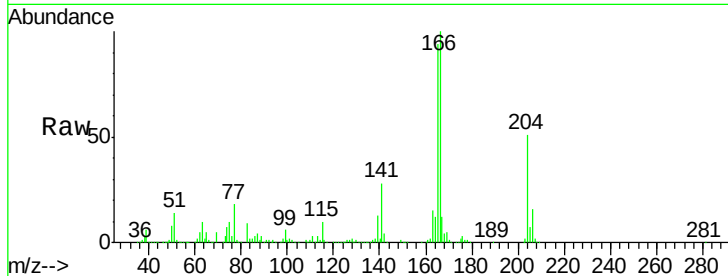




#59
 4-Chlorophenyl-phenylether
 Concen: 18.65 ng/ul
 RT: 15.40 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: BM013186.D
 Acq: 05 Dec 2017 11:55

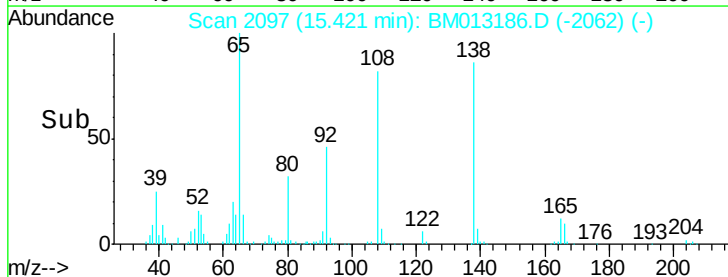
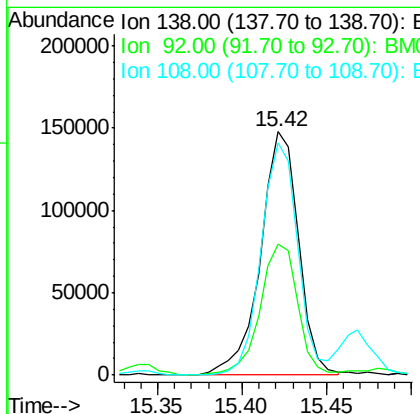
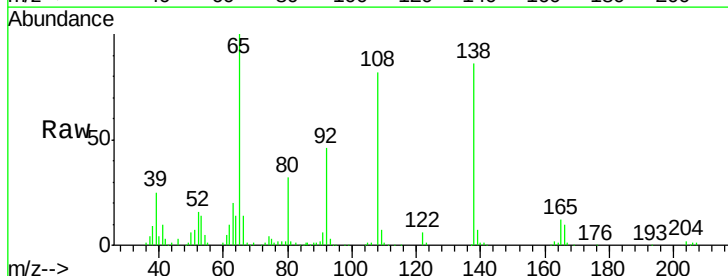
Instrument :
 BNA_M
 ClientSampleID :
 SSTD02014

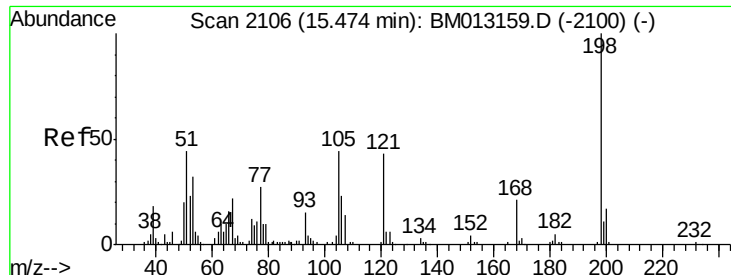
Tot Ion:	204	Resp:	547105
Ion	Ratio	Lower	Upper
204	100		
206	32.2	24.8	37.2
141	54.9	44.3	66.5



#60
 4-Nitroaniline
 Concen: 19.81 ng/ul
 RT: 15.42 min Scan# 2097
 Delta R.T. 0.01 min
 Lab File: BM013186.D
 Acq: 05 Dec 2017 11:55

Tgt Ion:	138	Resp:	231769
Ion	Ratio	Lower	Upper
138	100		
92	54.0	40.0	60.0
108	95.6	80.0	120.0

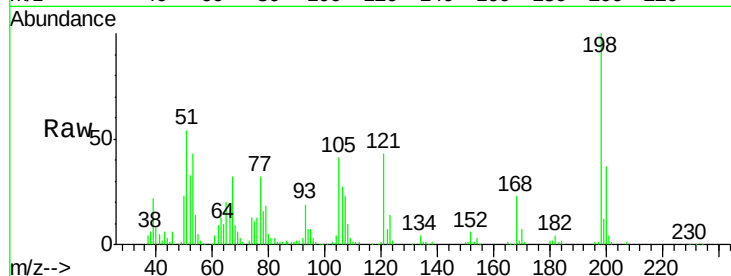




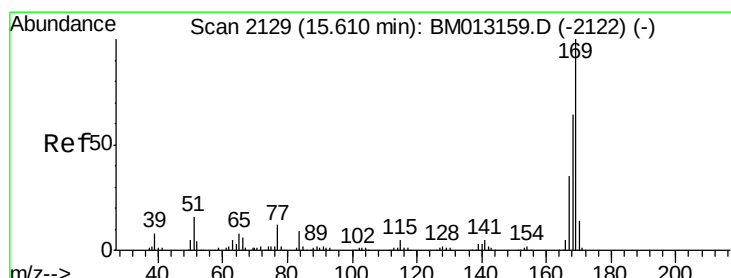
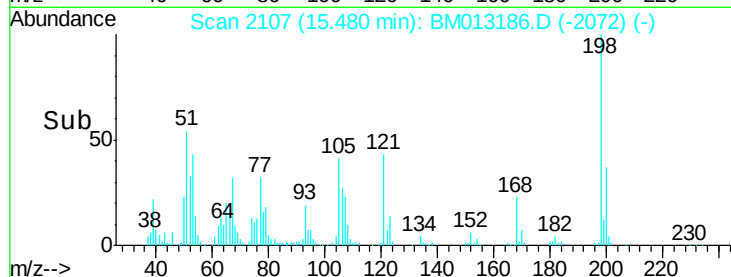
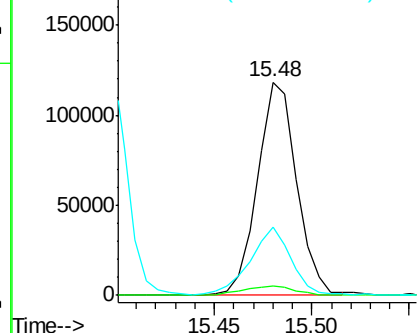
#63
4,6-Dinitro-2-methylphenol
Concen: 17.76 ng/ul
RT: 15.48 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

Instrument :
BNA_M
ClientSampleId :
SSTD02014

Tot Ion:198 Resp: 164347
Ion Ratio Lower Upper
198 100
182 4.2 3.8 5.6
77 31.9 25.2 37.8

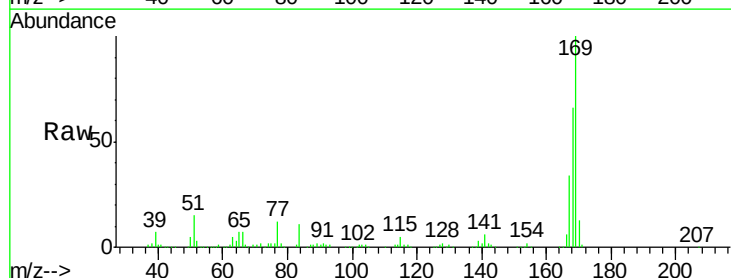


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BMO

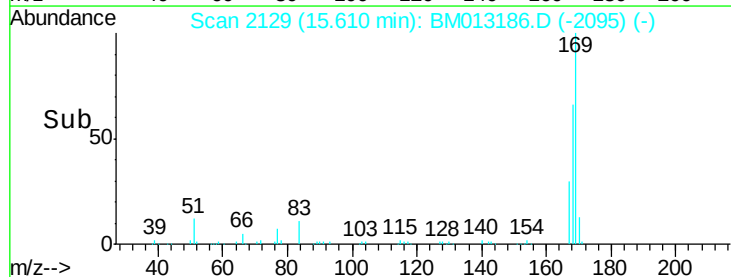
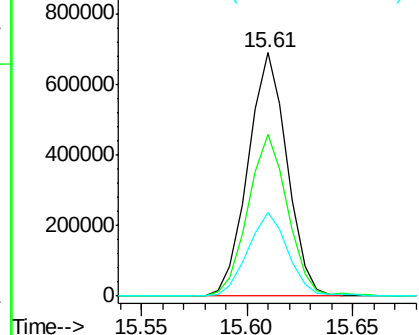


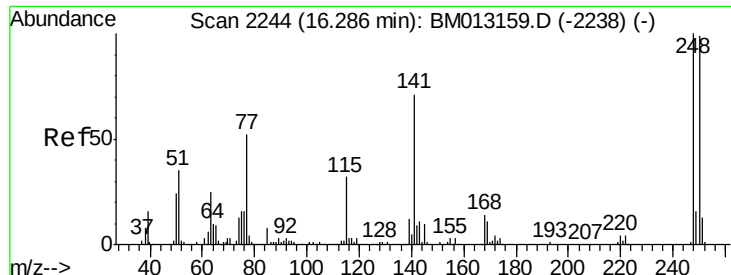
#64
N-Nitrosodiphenylamine
Concen: 20.40 ng/ul
RT: 15.61 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

Tgt Ion:169 Resp: 884542
Ion Ratio Lower Upper
169 100
168 66.3 54.0 81.0
167 34.4 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

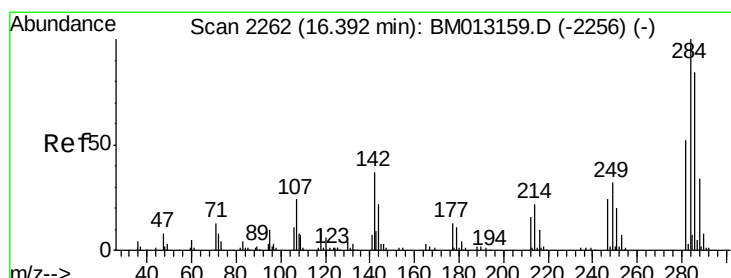
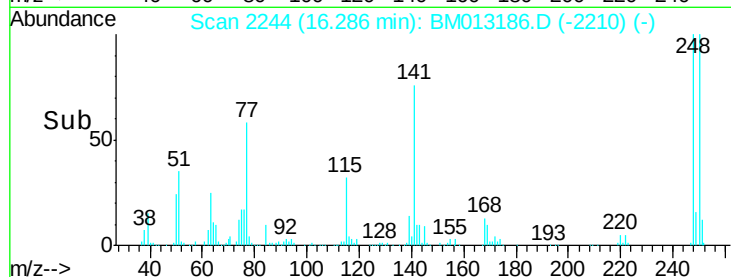
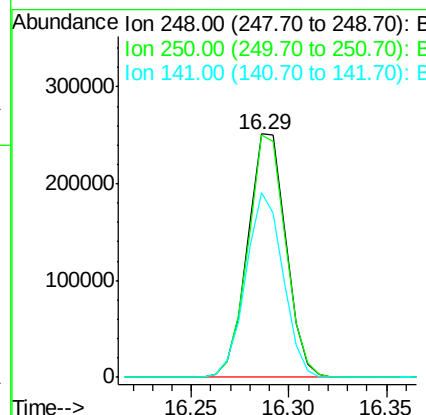
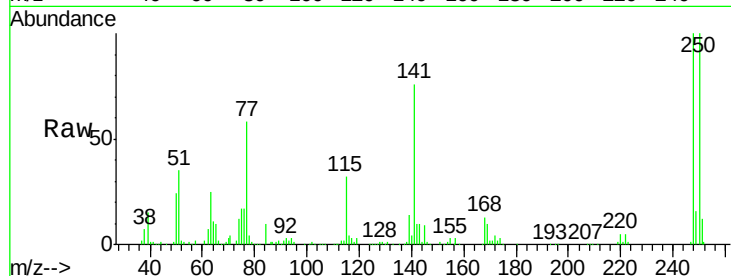




#65
4-Bromophenyl-phenylether
Concen: 19.76 ng/ul
RT: 16.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

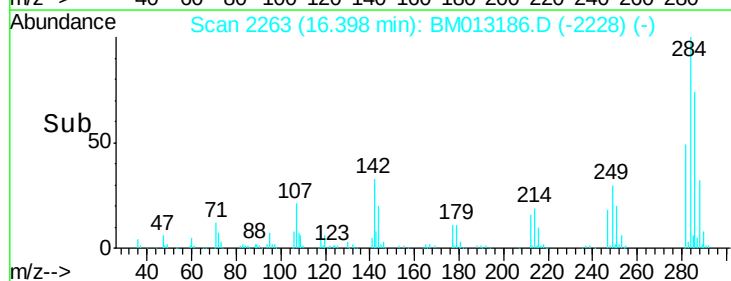
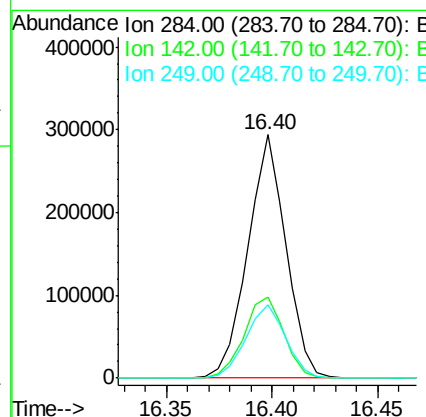
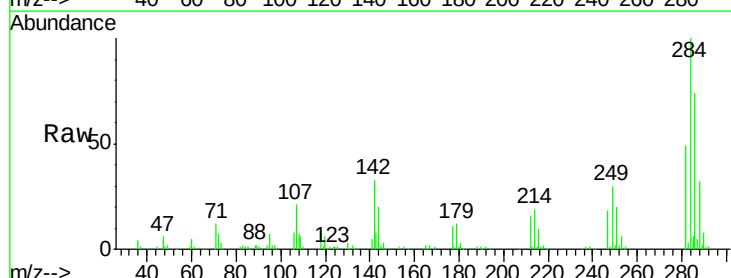
Instrument :
BNA_M
ClientSampleId :
SSTD02014

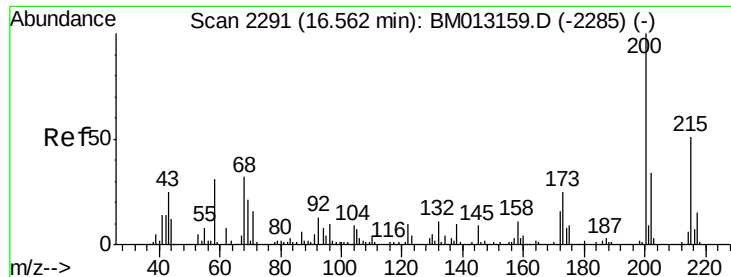
Tot Ion:248 Resp: 341806
Ion Ratio Lower Upper
248 100
250 99.8 80.5 120.7
141 75.6 53.6 80.4



#66
Hexachlorobenzene
Concen: 19.30 ng/ul
RT: 16.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

Tgt Ion:284 Resp: 368177
Ion Ratio Lower Upper
284 100
142 33.4 21.2 31.8#
249 30.2 24.5 36.7

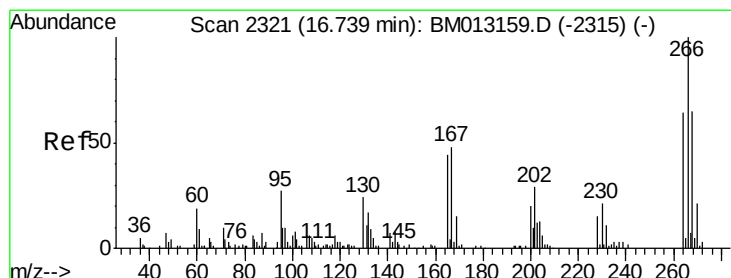
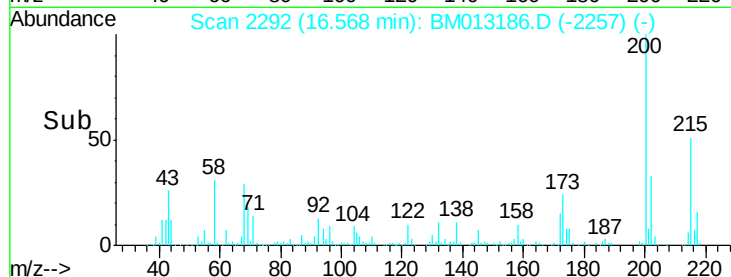
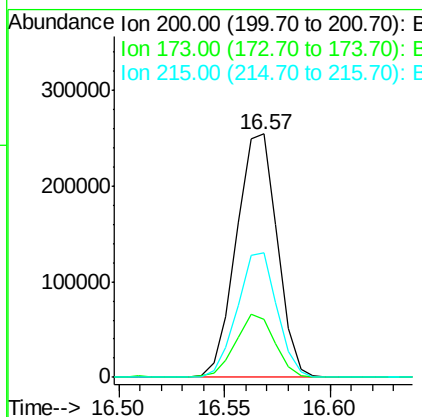
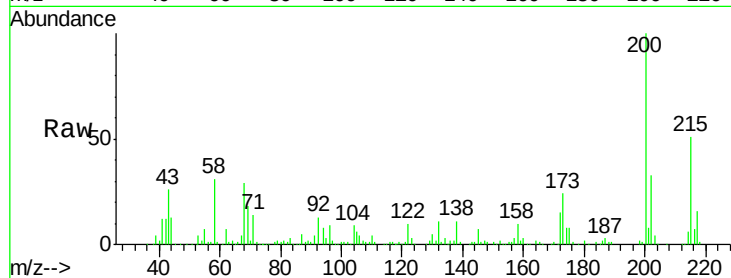




#67
 Atrazine
 Concen: 21.37 ng/ul
 RT: 16.57 min Scan# 2292
 Delta R.T. 0.01 min
 Lab File: BM013186.D
 Acq: 05 Dec 2017 11:55

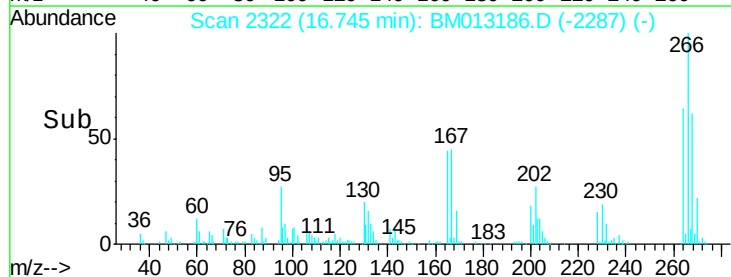
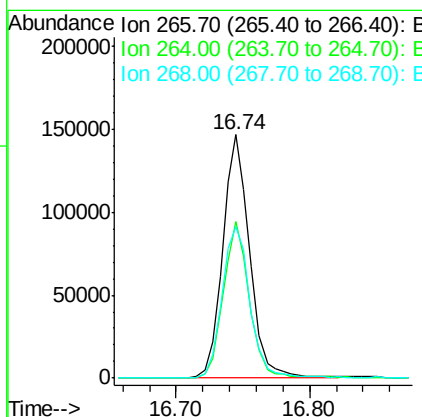
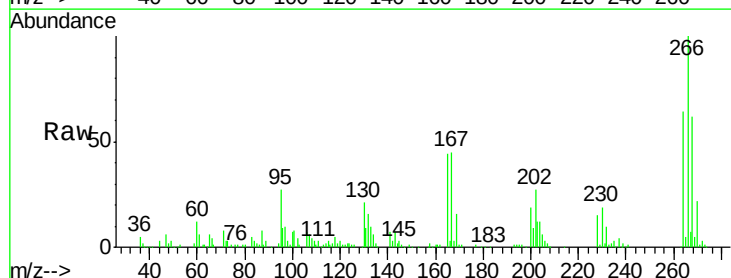
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02014

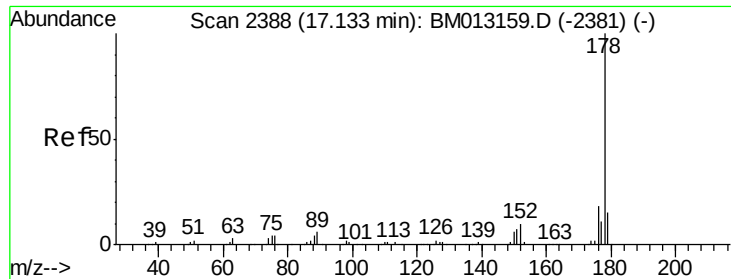
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	18.2	27.2
215	51.3	35.0	52.4



#68
 Pentachlorophenol
 Concen: 18.86 ng/ul
 RT: 16.74 min Scan# 2322
 Delta R.T. 0.01 min
 Lab File: BM013186.D
 Acq: 05 Dec 2017 11:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.1	49.3	73.9
268	62.0	52.6	78.8





#69

Phenanthrene

Concen: 19.41 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

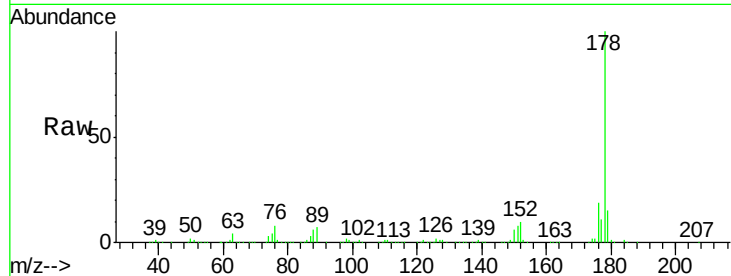
Tot Ion:178 Resp: 1623019

Ion Ratio Lower Upper

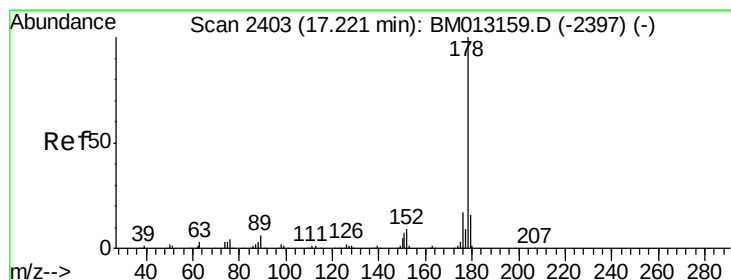
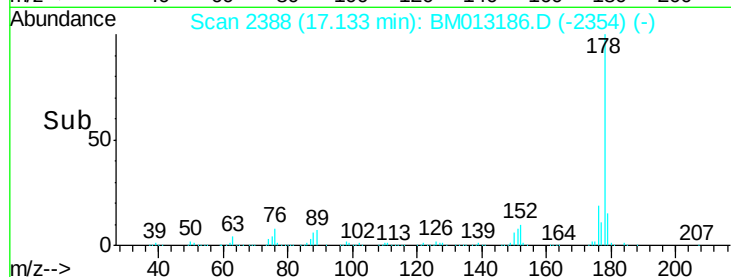
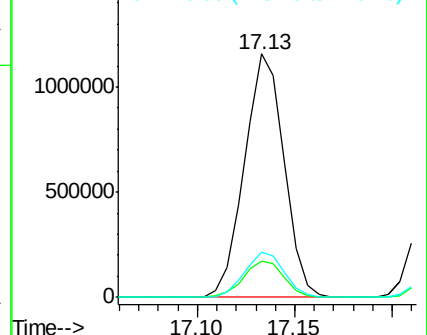
178 100

179 14.9 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: 19.44 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

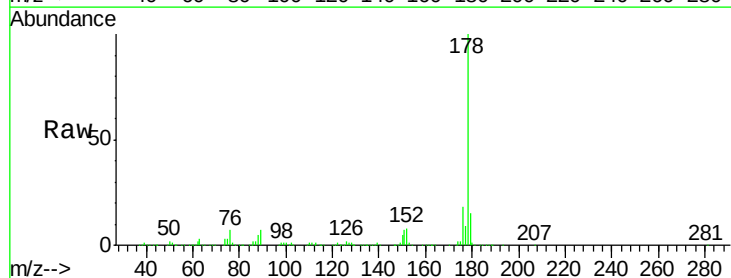
Tgt Ion:178 Resp: 1661704

Ion Ratio Lower Upper

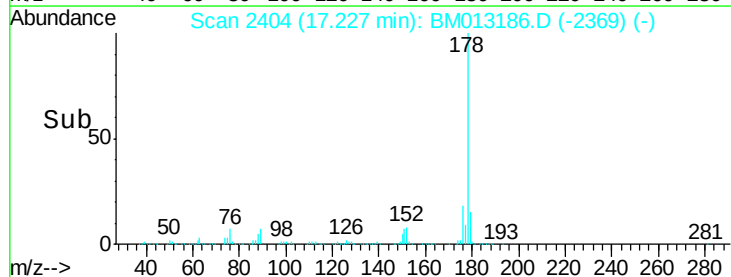
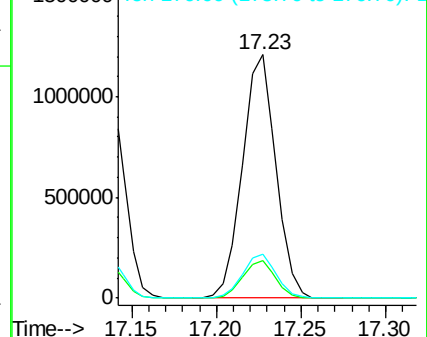
178 100

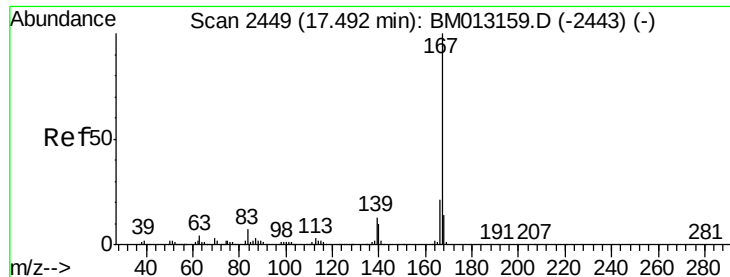
179 15.3 11.7 17.5

176 18.1 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: 19.03 ng/ul

RT: 17.50 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

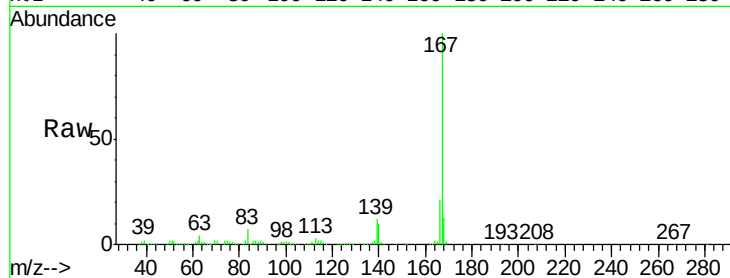
Tot Ion:167 Resp: 1398862

Ion Ratio Lower Upper

167 100

166 20.8 17.1 25.7

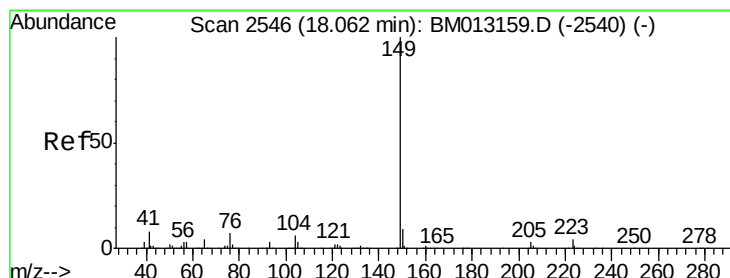
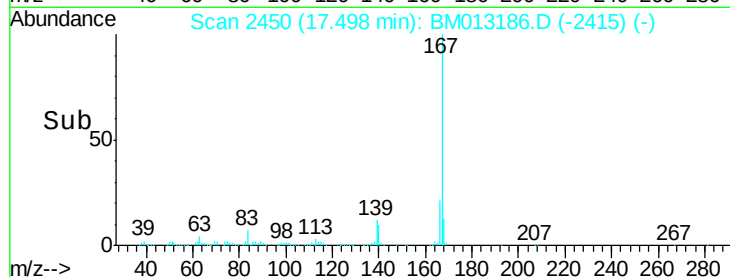
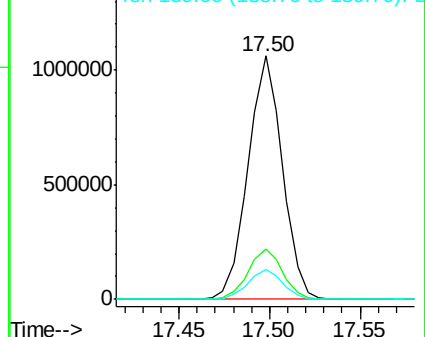
139 12.5 10.0 15.0



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: 20.79 ng/ul

RT: 18.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

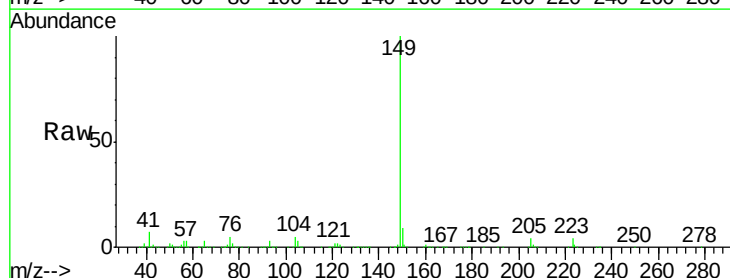
Tgt Ion:149 Resp: 1784366

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

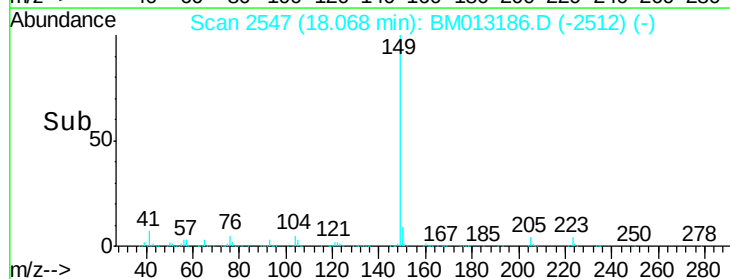
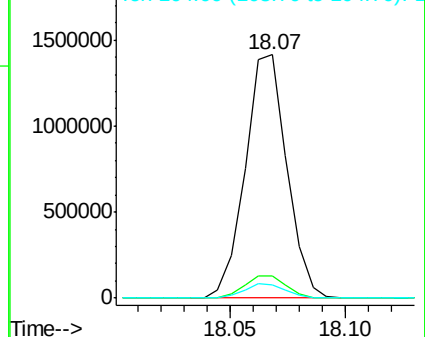
104 5.4 5.6 8.4#

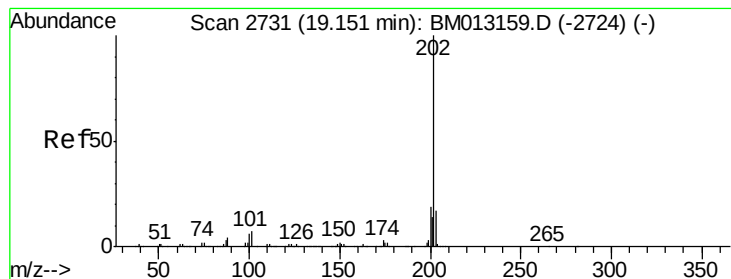


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 18.35 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

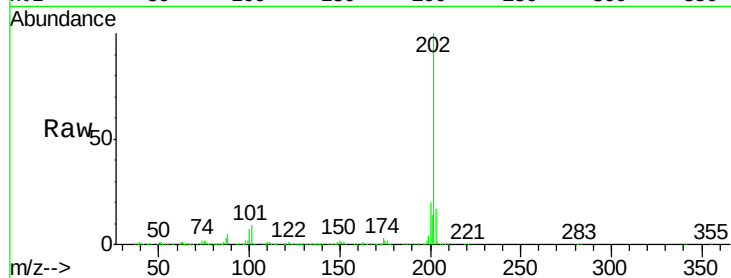
Tot Ion:202 Resp: 1880461

Ion Ratio Lower Upper

202 100

101 9.3 4.6 7.0#

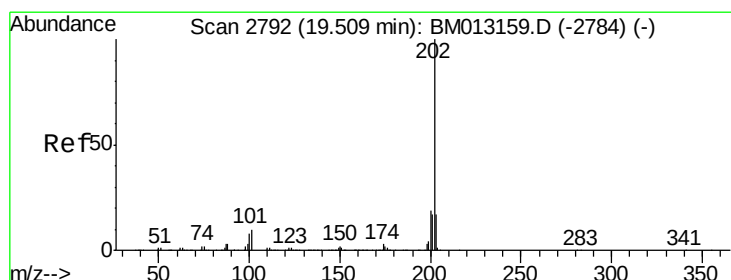
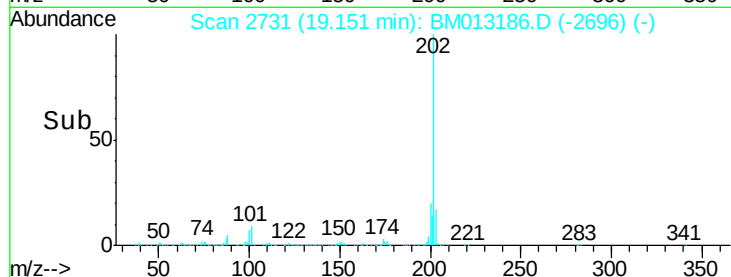
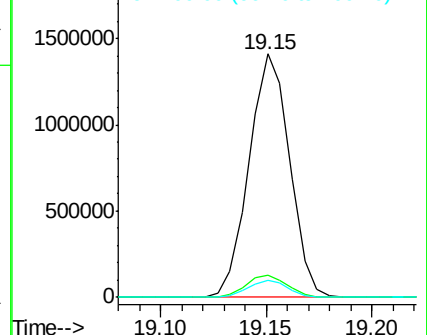
100 6.8 3.4 5.2#



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: 23.75 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

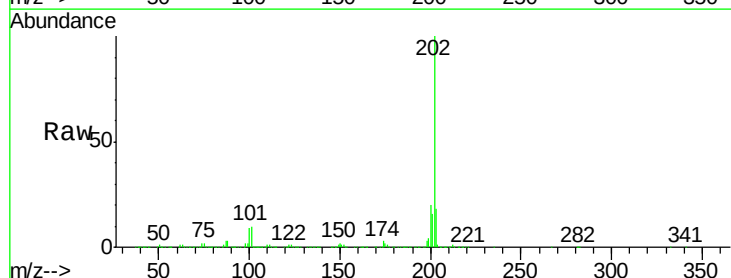
Tgt Ion:202 Resp: 1859347

Ion Ratio Lower Upper

202 100

101 9.5 5.1 7.7#

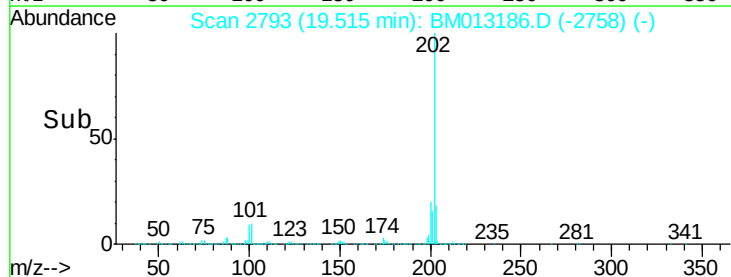
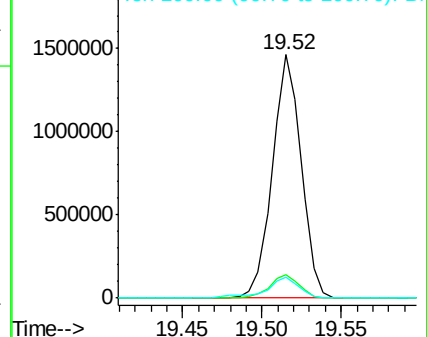
100 8.5 4.9 7.3#

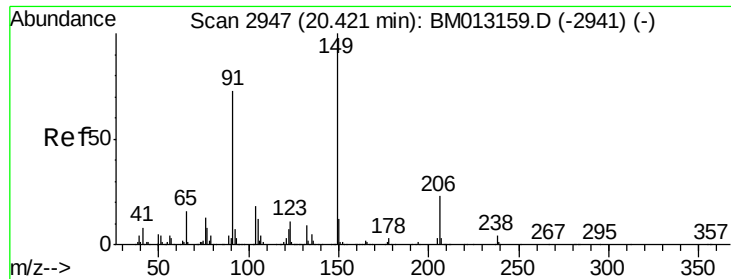


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

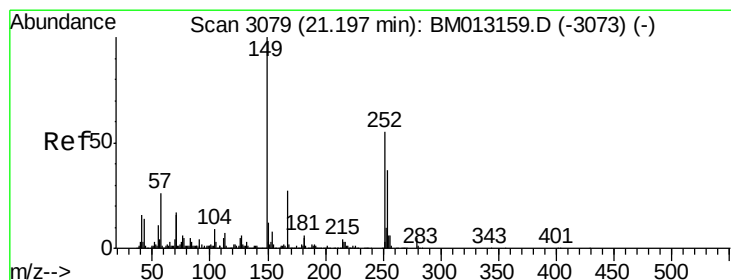
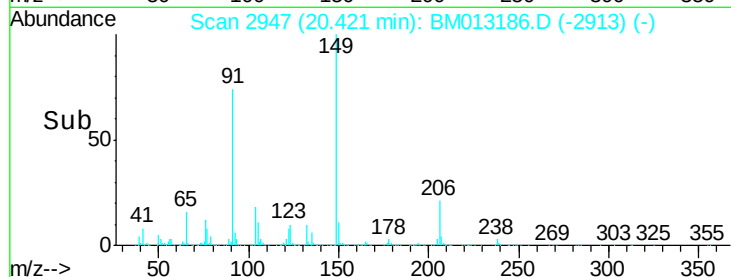
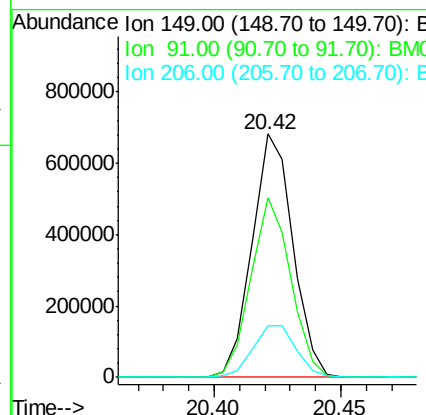
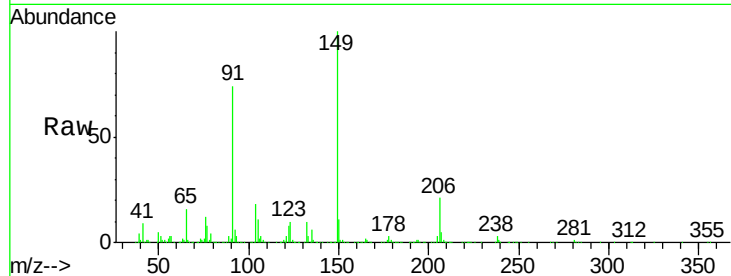




#78
Butylbenzylphthalate
Concen: 24.96 ng/ul
RT: 20.42 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

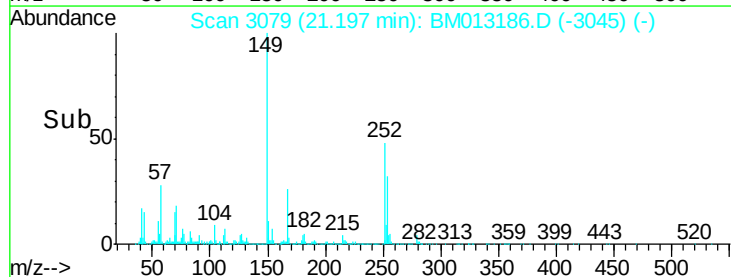
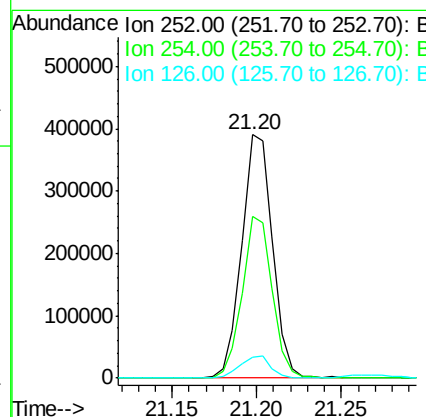
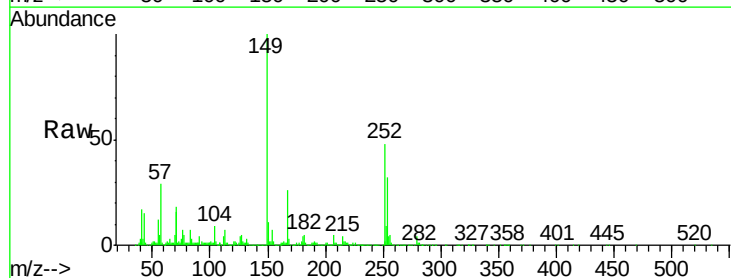
Instrument :
BNA_M
ClientSampleId :
SSTD02014

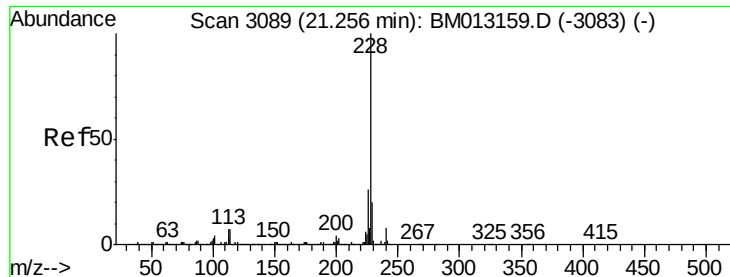
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.7	62.7	94.1
206	21.4	20.8	31.2



#79
3,3'-Dichlorobenzidine
Concen: 18.34 ng/ul
RT: 21.20 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BM013186.D
Acq: 05 Dec 2017 11:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	54.5	81.7
126	8.7	5.8	8.8





#80

Benzo(a)anthracene

Concen: 19.81 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

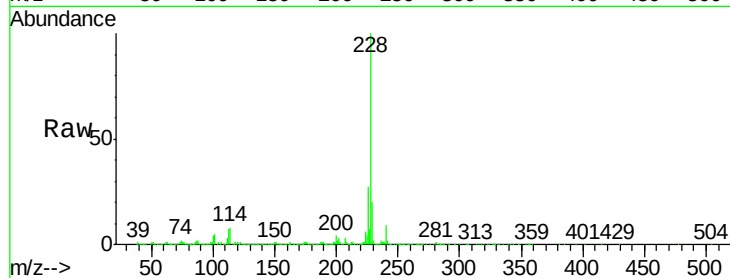
BNA_M

ClientSampleId :

SSTD02014

Tot Ion:228 Resp: 1619917

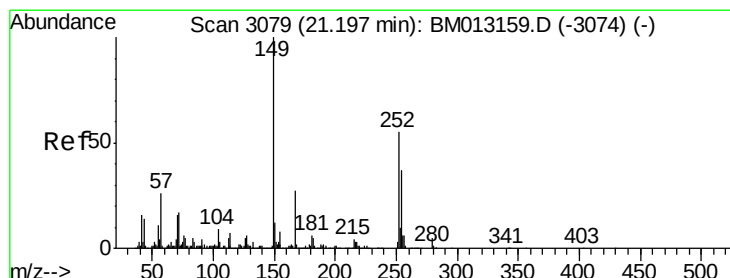
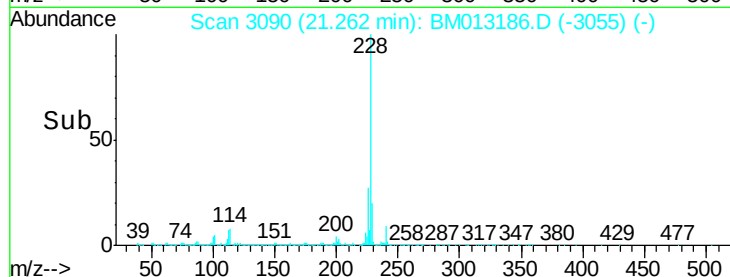
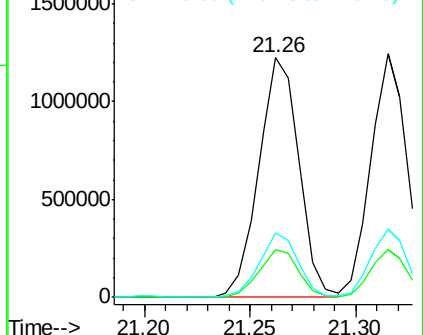
Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	27.0	21.4	32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 22.85 ng/ul

RT: 21.20 min Scan# 3080

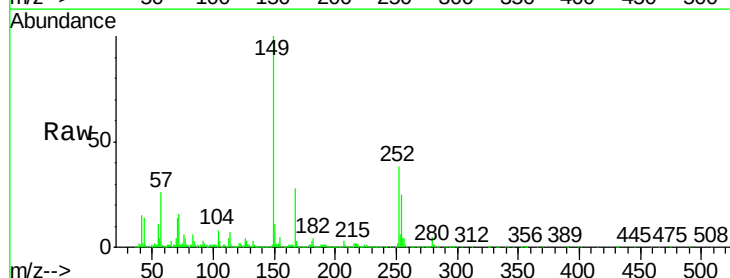
Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Tgt Ion:149 Resp: 1053560

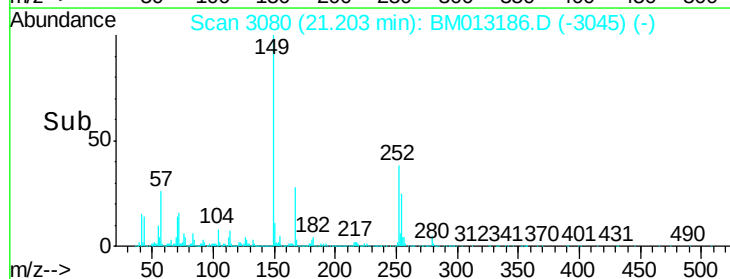
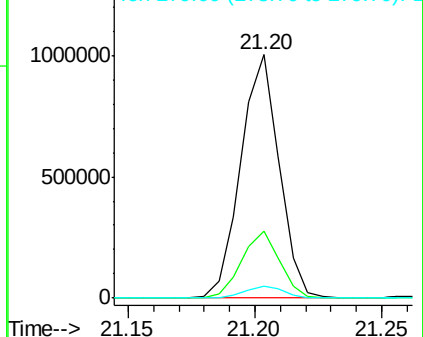
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.8	34.2
279	4.9	4.9	7.3

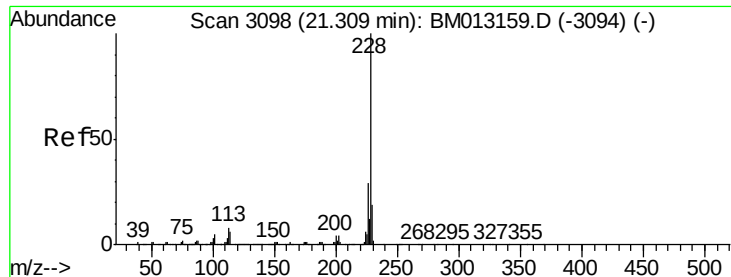


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.50 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

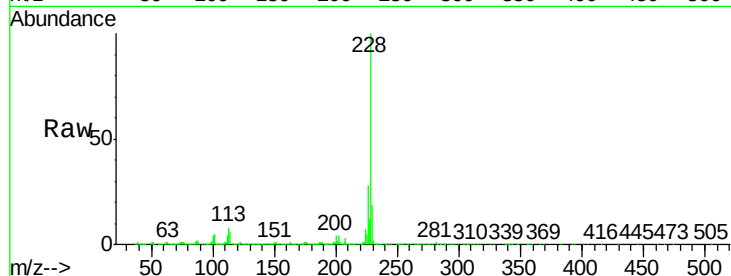
Tot Ion:228 Resp: 1479664

Ion Ratio Lower Upper

228 100

226 28.2 23.4 35.2

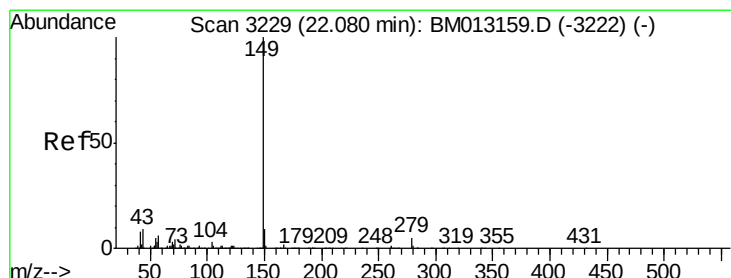
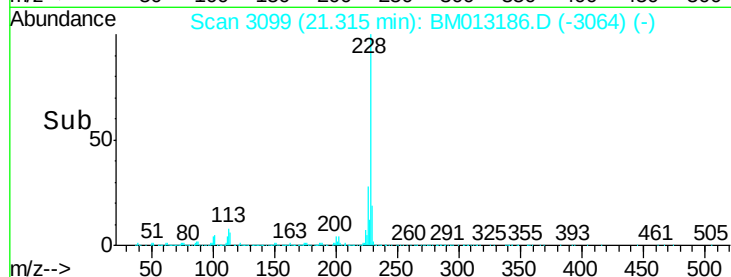
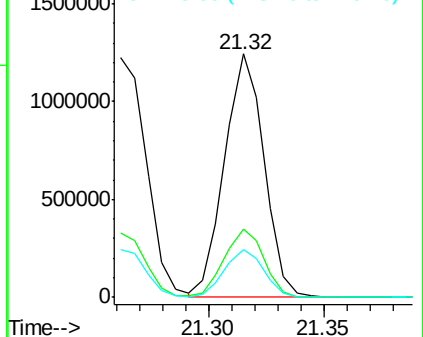
229 19.4 15.5 23.3



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: 22.29 ng/ul

RT: 22.08 min Scan# 3229

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

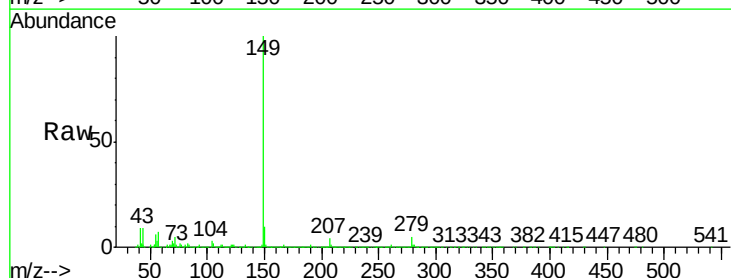
Tgt Ion:149 Resp: 1636421

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

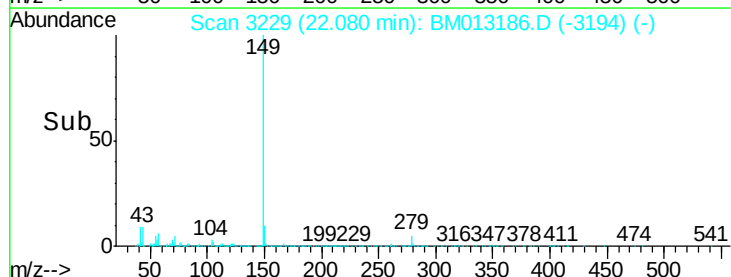
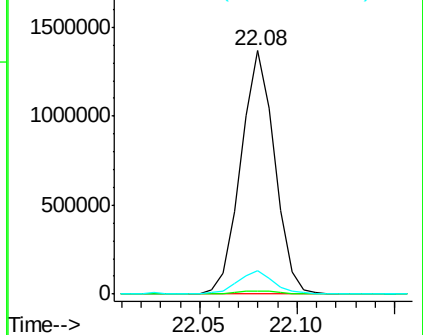
43 9.4 7.3 10.9

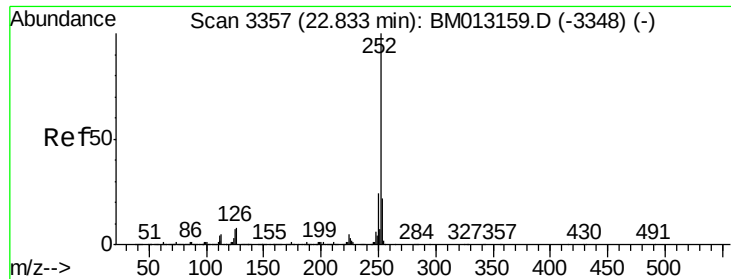


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 19.63 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

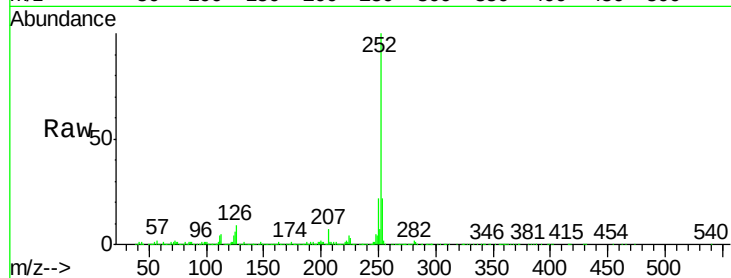
Tot Ion:252 Resp: 1366079

Ion Ratio Lower Upper

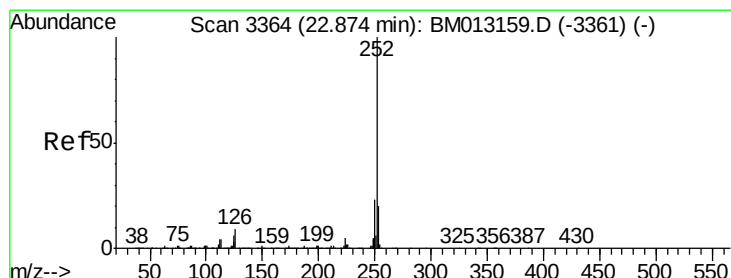
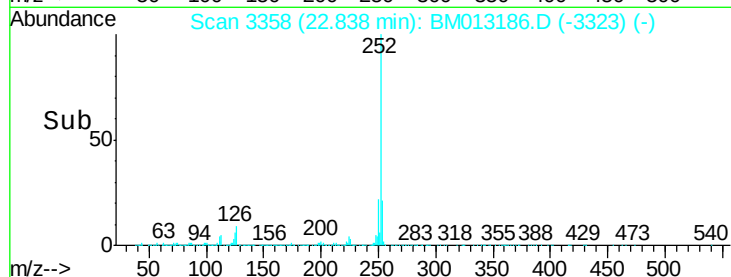
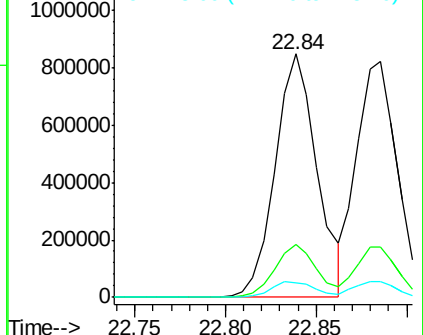
252 100

253 21.5 17.9 26.9

125 6.2 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: 19.40 ng/ul

RT: 22.89 min Scan# 3366

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

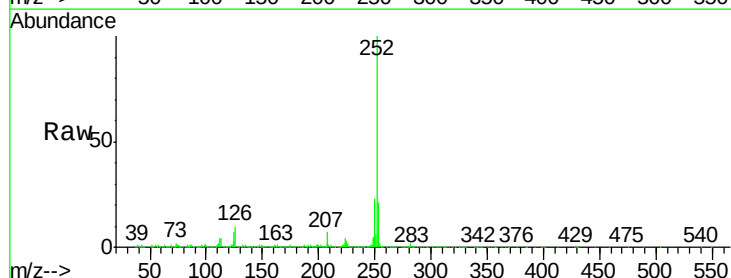
Tgt Ion:252 Resp: 1270356

Ion Ratio Lower Upper

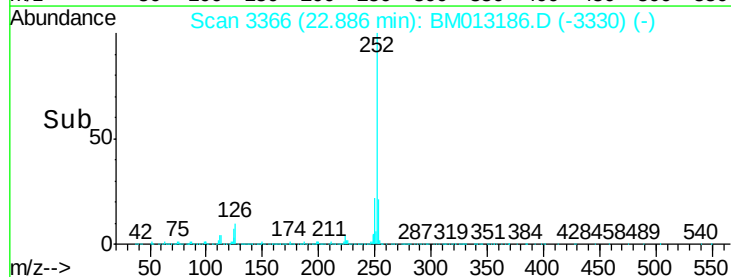
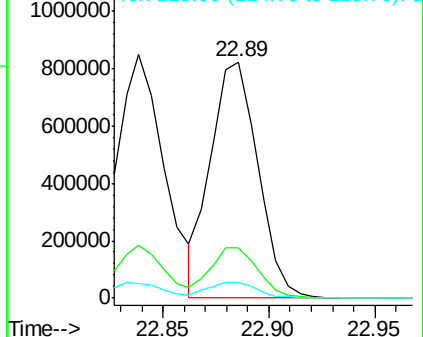
252 100

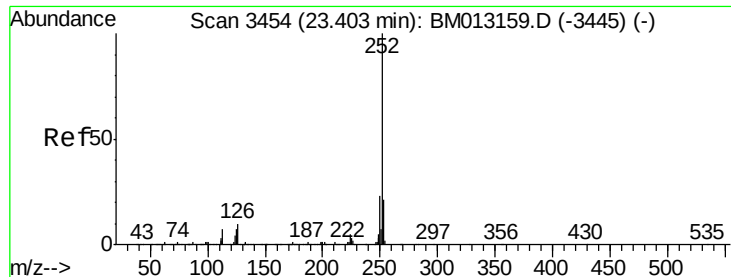
253 21.4 17.1 25.7

125 6.7 3.4 5.2#



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





#88

Benzo(a)pyrene

Concen: 19.28 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. 0.01 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

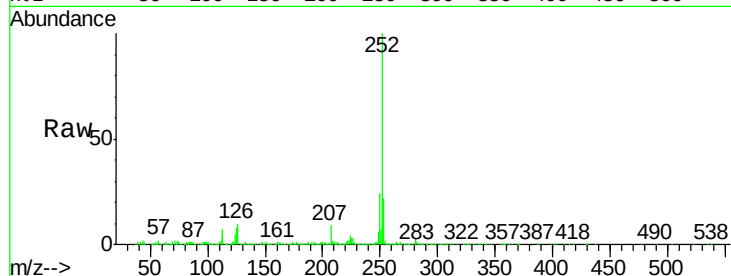
Tot Ion:252 Resp: 1205313

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

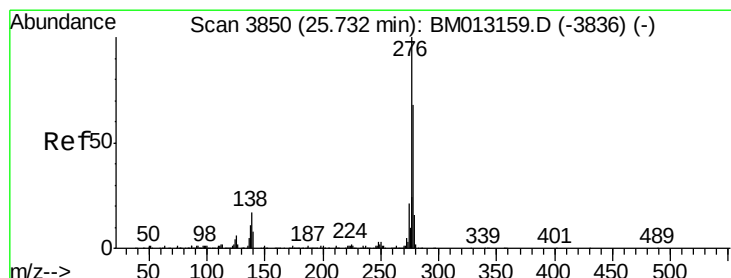
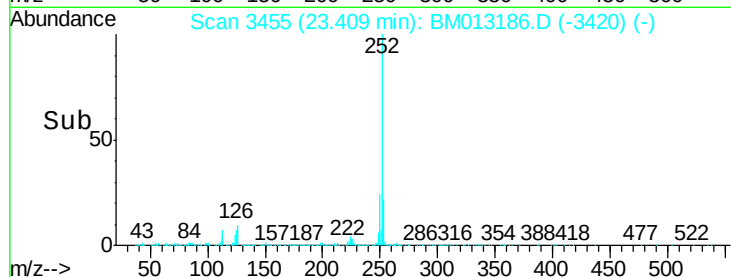
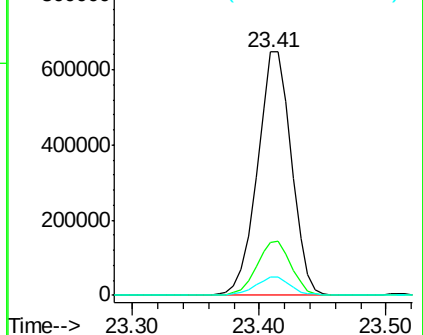
125 7.6 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.17 ng/ul

RT: 25.75 min Scan# 3853

Delta R.T. 0.02 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

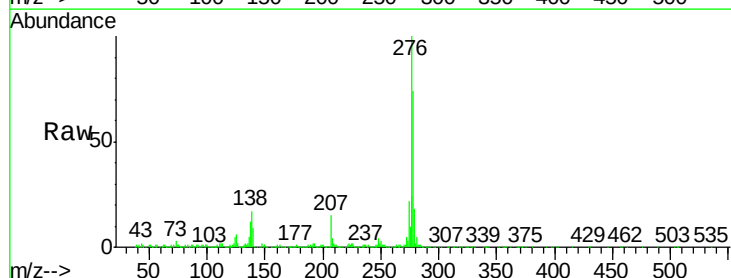
Tgt Ion:276 Resp: 1251537

Ion Ratio Lower Upper

276 100

138 16.9 9.3 13.9#

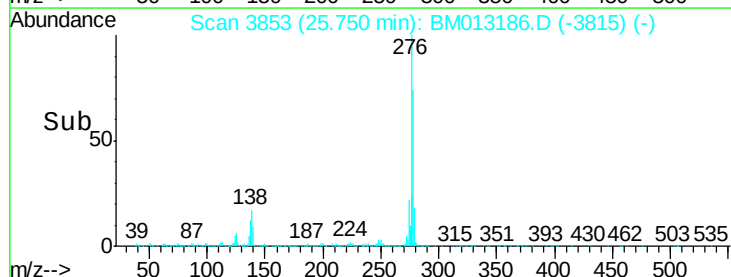
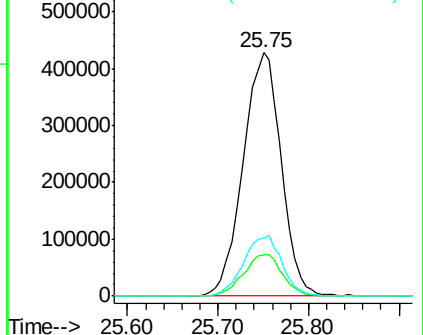
277 23.9 19.9 29.9

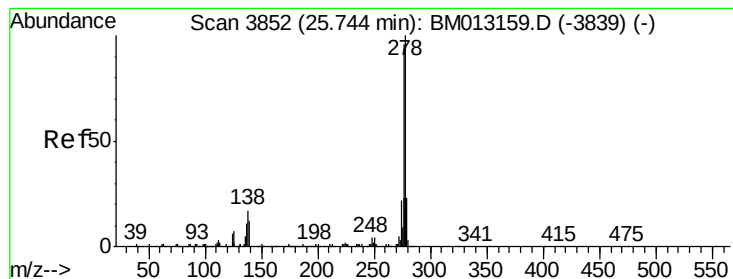


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 20.00 ng/ul

RT: 25.76 min Scan# 3855

Delta R.T. 0.02 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

Instrument :

BNA_M

ClientSampleId :

SSTD02014

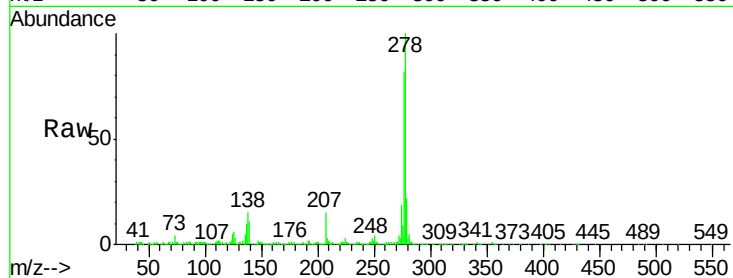
Tot Ion:278 Resp: 1056268

Ion Ratio Lower Upper

278 100

139 11.0 5.8 8.8#

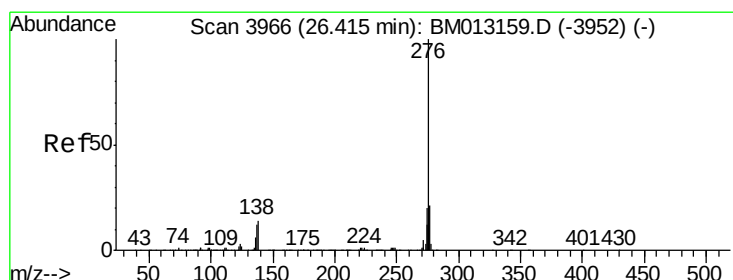
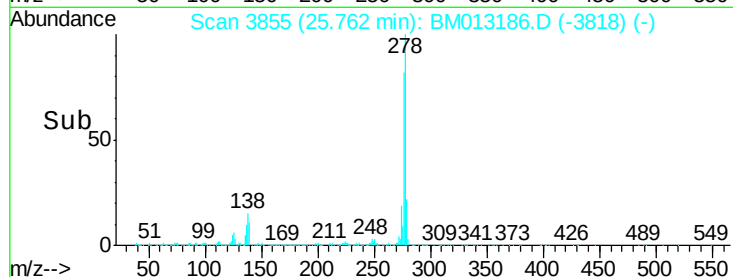
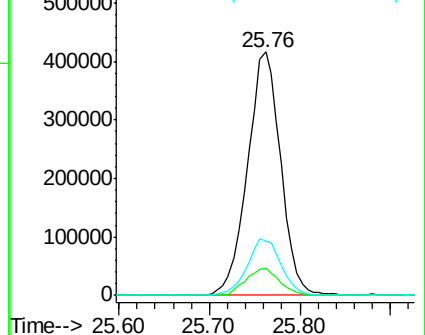
279 22.4 18.6 27.8



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: 20.71 ng/ul

RT: 26.43 min Scan# 3969

Delta R.T. 0.02 min

Lab File: BM013186.D

Acq: 05 Dec 2017 11:55

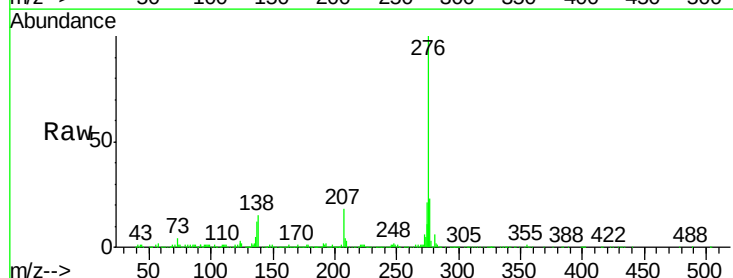
Tgt Ion:276 Resp: 1013453

Ion Ratio Lower Upper

276 100

138 14.8 8.5 12.7#

277 23.2 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

