

Data Path : Z:\HPCHEM1\BNA M\Data\BM011018\
 Data File : BM013558.D
 Acq On : 10 Jan 2018 09:49
 Operator : SJ/JU
 Sample : SSTD01009
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01009

Quant Time: Jan 10 12:09:19 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 12:03:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.628	152	104137	20.00	ng/ul	0.00
18) Naphthalene-d8	10.399	136	398413	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.275	164	227440	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.027	188	540477	20.00	ng/ul	0.00
75) Chrysene-d12	21.221	240	623348	20.00	ng/ul	0.00
83) Perylene-d12	23.421	264	623442	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.164	96	11531	5.48	ng/uL	0.00
5) Phenol-d5	6.805	99	77279	8.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.969	67	49281	9.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.158	132	62072	8.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.340	113	57919	7.52	ng/ul	0.00
19) Nitrobenzene-d5	8.775	128	29495	9.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.499	143	31712	9.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.034	165	60029	8.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.557	131	40996	6.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.692	166	185497	9.17	ng/ul	0.00
46) Acenaphthylene-d8	13.963	160	238703	9.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.498	143	26169	7.44	ng/ul	0.00
57) Fluorene-d10	15.275	176	164181	9.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.410	200	25335	7.45	ng/ul	0.00
70) Anthracene-d10	17.122	188	253218	9.35	ng/ul	0.00
76) Pyrene-d10	19.427	212	282267	9.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.286	264	273108	8.60	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.205	88	10812	4.58 ng/uL#	77
4) Benzaldehyde	6.781	77	61101	13.71 ng/ul	86
6) Phenol	6.834	94	76066	8.54 ng/ul	90
8) Bis(2-Chloroethyl)ether	7.063	93	64062	9.41 ng/ul	93
10) 2-Chlorophenol	7.193	128	63723	9.23 ng/ul	98
11) 2-Methylphenol	8.075	108	54757	7.95 ng/ul	95
12) 2,2'-oxybis(1-Chloropr...	8.163	45	63418	8.87 ng/ul#	85
14) Acetophenone	8.446	105	98030	8.37 ng/ul	91
15) N-Nitroso-di-n-propyla...	8.434	70	47940	8.13 ng/ul#	71
16) 4-Methylphenol	8.405	108	58504	7.94 ng/ul	95
17) Hexachloroethane	8.687	117	30767	10.24 ng/ul#	76
20) Nitrobenzene	8.822	77	79511	9.99 ng/ul	95
21) Isophorone	9.346	82	126702	9.05 ng/ul#	95
23) 2-Nitrophenol	9.528	139	31044	8.86 ng/ul	95
24) 2,4-Dimethylphenol	9.593	107	71308	9.33 ng/ul	92
25) Bis(2-Chloroethoxy)met...	9.828	93	78507	9.58 ng/ul	93
27) 2,4-Dichlorophenol	10.057	162	58858	9.14 ng/ul#	95
28) Naphthalene	10.451	128	195331	9.53 ng/ul	98
30) 4-Chloroaniline	10.575	127	41495	6.69 ng/ul#	85
31) Hexachlorobutadiene	10.734	225	49974	10.72 ng/ul	97
32) Caprolactam	11.351	113	13372	6.50 ng/ul#	32
33) 4-Chloro-3-methylphenol	11.710	107	58660	8.31 ng/ul	95
34) 2-Methylnaphthalene	12.075	142	145446	9.44 ng/ul	93

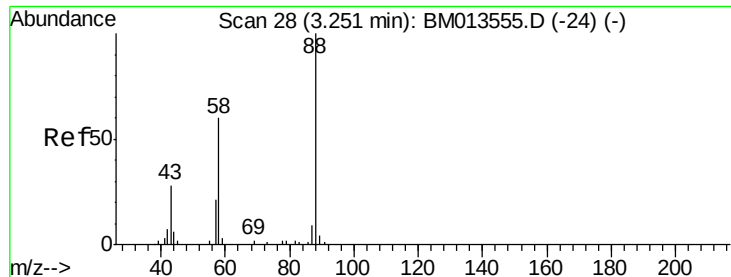
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36) 1,2,4,5-Tetrachloroben...	12.445	216	85529	10.42	ng/ul	99
37) Hexachlorocyclopentadiene	12.422	237	25412	4.70	ng/ul	98
38) 2,4,6-Trichlorophenol	12.698	196	45949	8.98	ng/ul	94
39) 2,4,5-Trichlorophenol	12.775	196	50710	9.33	ng/ul	94
40) 1,1'-Biphenyl	13.098	154	187025	9.73	ng/ul	96
41) 2-Chloronaphthalene	13.140	162	145524	9.65	ng/ul	96
42) 2-Nitroaniline	13.357	65	38363	8.68	ng/ul	91
44) Dimethylphthalate	13.739	163	180917	9.35	ng/ul	100
45) 2,6-Dinitrotoluene	13.863	165	32378	8.20	ng/ul#	75
47) Acenaphthylene	13.992	152	211654	9.16	ng/ul	100
48) 3-Nitroaniline	14.198	138	23943	6.78	ng/ul	91
49) Acenaphthene	14.339	153	150302	9.55	ng/ul	94
50) 2,4-Dinitrophenol	14.416	184	14777	6.76	ng/ul#	88
52) 4-Nitrophenol	14.510	109	27865	8.08	ng/ul#	81
53) Dibenzofuran	14.675	168	224910	9.68	ng/ul	99
54) 2,4-Dinitrotoluene	14.657	165	51398	8.95	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.910	232	46451	9.32	ng/ul#	92
56) Diethylphthalate	15.110	149	187684	9.67	ng/ul#	92
58) Fluorene	15.328	166	180846	9.40	ng/ul	96
59) 4-Chlorophenyl-phenyle...	15.328	204	100382	9.62	ng/ul	95
60) 4-Nitroaniline	15.357	138	26019	6.25	ng/ul	90
63) 4,6-Dinitro-2-methylph...	15.422	198	27921	8.22	ng/ul#	91
64) N-Nitrosodiphenylamine	15.545	169	151532	9.52	ng/ul	97
65) 4-Bromophenyl-phenylether	16.222	248	62475	9.83	ng/ul	93
66) Hexachlorobenzene	16.333	284	69285	9.89	ng/ul#	89
67) Atrazine	16.504	200	59474	10.12	ng/ul#	92
68) Pentachlorophenol	16.686	266	31254	7.71	ng/ul	91
69) Phenanthrene	17.069	178	296463	9.66	ng/ul	99
71) Anthracene	17.157	178	304874	9.71	ng/ul	98
72) Carbazole	17.433	167	239704	8.88	ng/ul	96
73) Di-n-butylphthalate	18.004	149	284387	9.02	ng/ul	99
74) Fluoranthene	19.092	202	343596	9.13	ng/ul#	96
77) Pyrene	19.457	202	371849	9.82	ng/ul#	96
78) Butylbenzylphthalate	20.368	149	125607	8.49	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.145	252	84351	6.44	ng/ul	92
80) Benzo(a)anthracene	21.204	228	373647	9.45	ng/ul	98
81) Bis(2-ethylhexyl)phtha...	21.145	149	188410	8.45	ng/ul#	96
82) Chrysene	21.257	228	348577	9.50	ng/ul	98
84) Di-n-octyl phthalate	22.015	149	316420	7.14	ng/ul	97
85) Benzo(b)fluoranthene	22.762	252	374438	8.91	ng/ul#	98
86) Benzo(k)fluoranthene	22.809	252	359716	9.10	ng/ul#	99
88) Benzo(a)pyrene	23.327	252	350940	9.30	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.627	276	418449	11.17	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.633	278	357163	11.20	ng/ul#	92
91) Benzo(g,h,i)perylene	26.292	276	350060	11.85	ng/ul#	94

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



#2

1,4-Dioxane

Concen: 4.58 ng/uL

RT: 3.205 min Scan# 20

Delta R.T. 0.000 min

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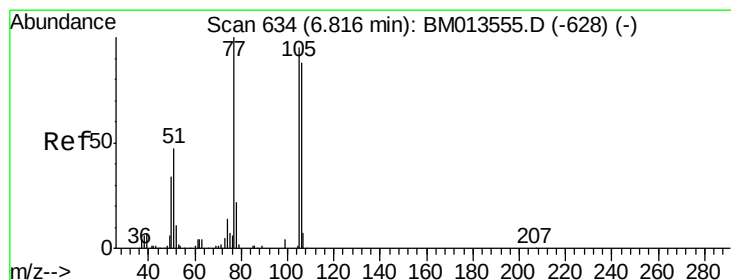
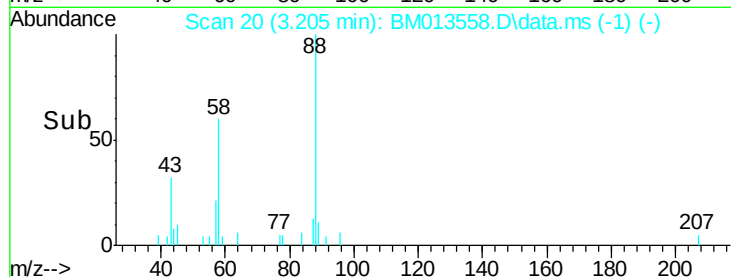
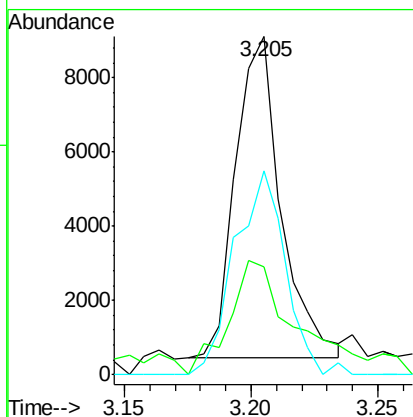
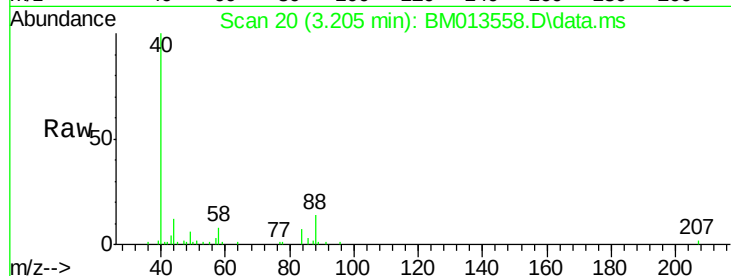
Tot Ion: 88 Resp: 10812

Ion Ratio Lower Upper

88 100

43 51.7 48.0 72.0

58 69.7 80.0 120.0#



#4

Benzaldehyde

Concen: 13.71 ng/uL

RT: 6.781 min Scan# 628

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

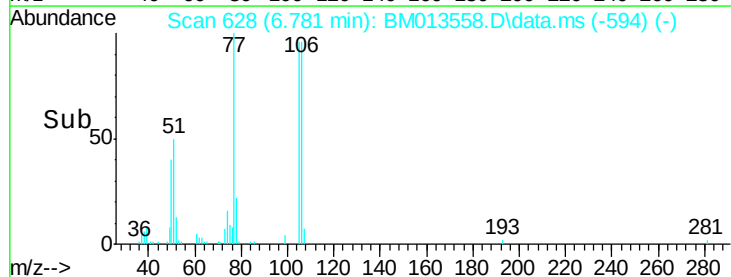
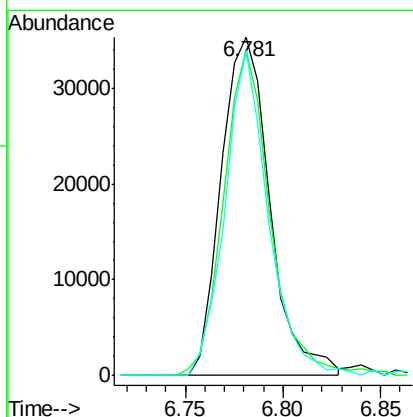
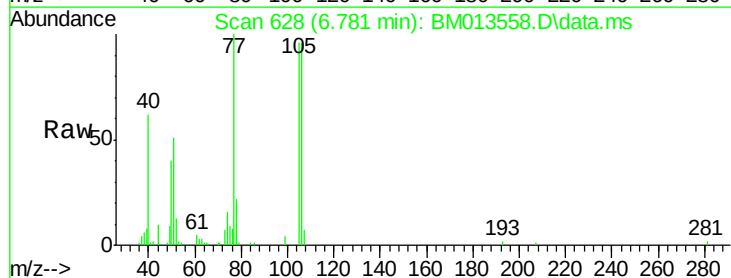
Tgt Ion: 77 Resp: 61101

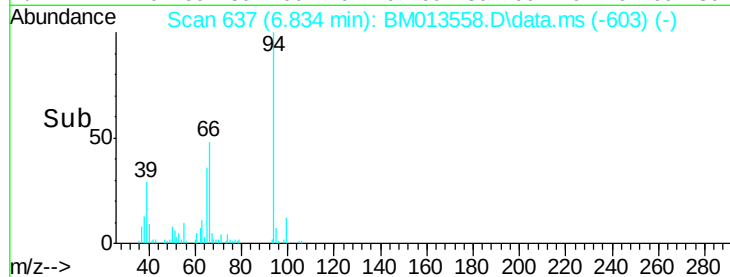
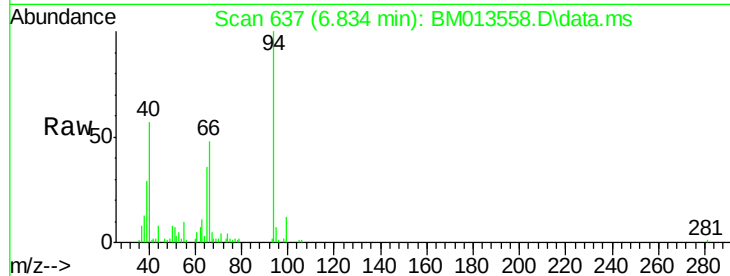
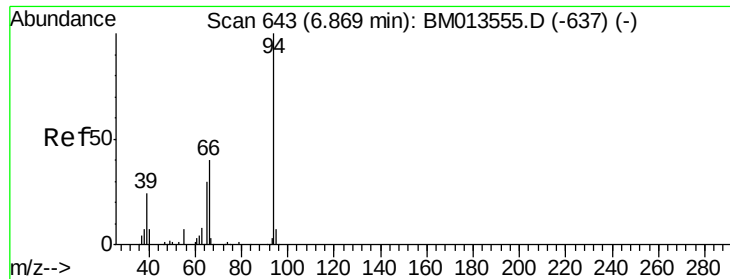
Ion Ratio Lower Upper

77 100

105 96.4 66.1 99.1

106 96.0 67.8 101.6





#6

Phenol

Concen: 8.54 ng/ul

RT: 6.834 min Scan# 637

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

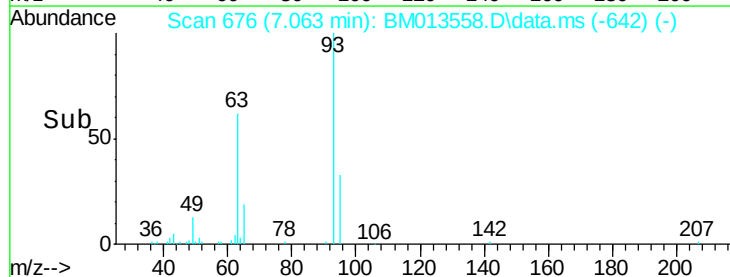
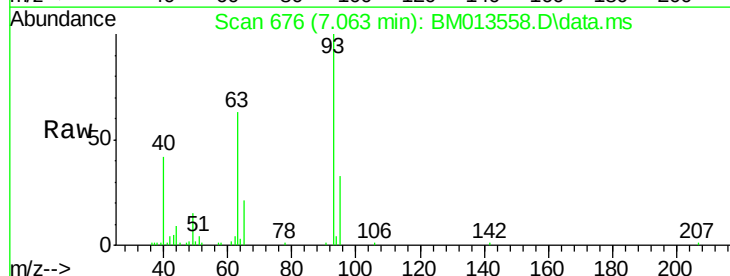
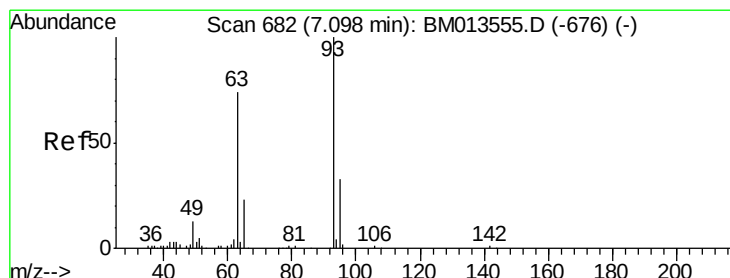
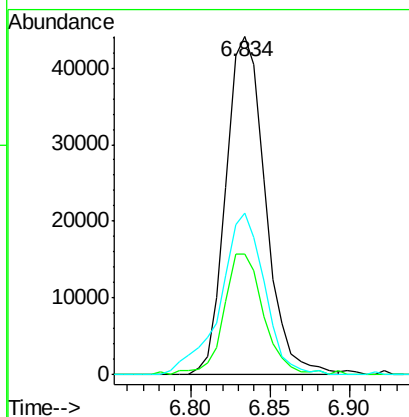
Tot Ion: 94 Resp: 76066

Ion Ratio Lower Upper

94 100

65 35.6 28.2 42.4

66 47.8 47.2 70.8



#8

Bis(2-Chloroethyl)ether

Concen: 9.41 ng/ul

RT: 7.063 min Scan# 676

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

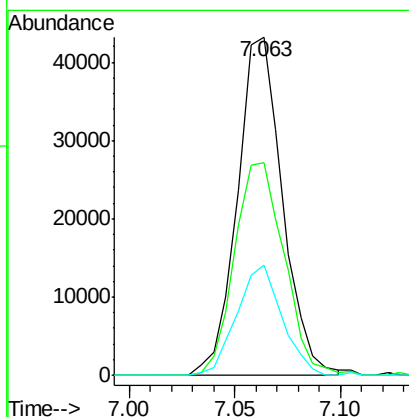
Tgt Ion: 93 Resp: 64062

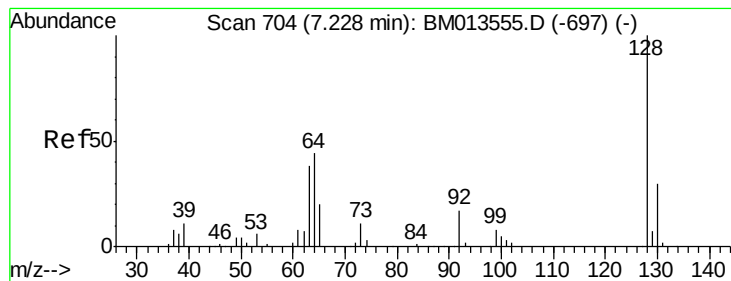
Ion Ratio Lower Upper

93 100

63 63.0 57.3 85.9

95 32.7 26.6 39.8





#10

2-Chlorophenol

Concen: 9.23 ng/ul

RT: 7.193 min Scan# 69

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

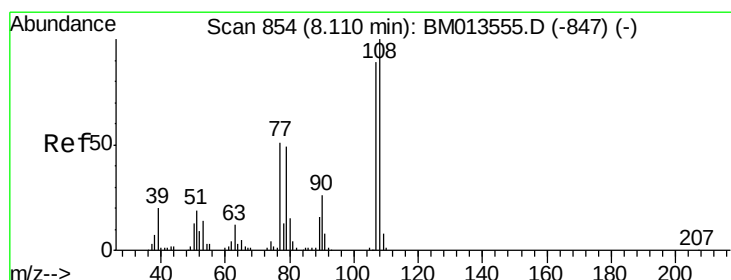
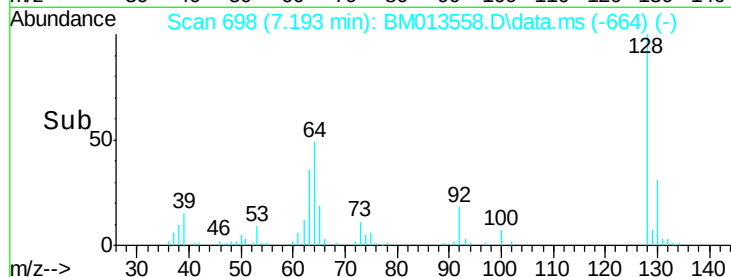
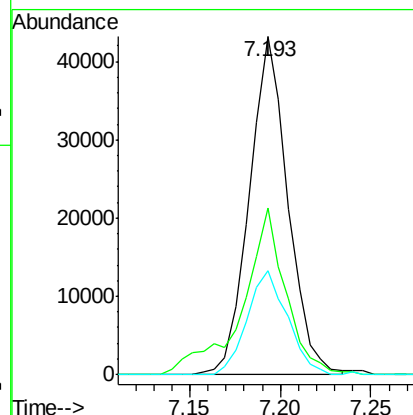
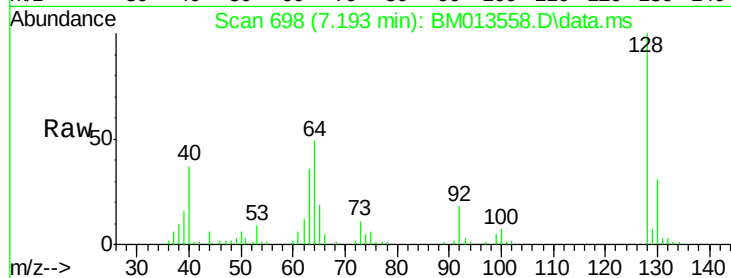
Tot Ion:128 Resp: 63723

Ion Ratio Lower Upper

128 100

64 49.1 38.0 57.0

130 30.9 24.4 36.6



#11

2-Methylphenol

Concen: 7.95 ng/ul

RT: 8.075 min Scan# 848

Delta R.T. 0.000 min

Lab File: BM013558.D

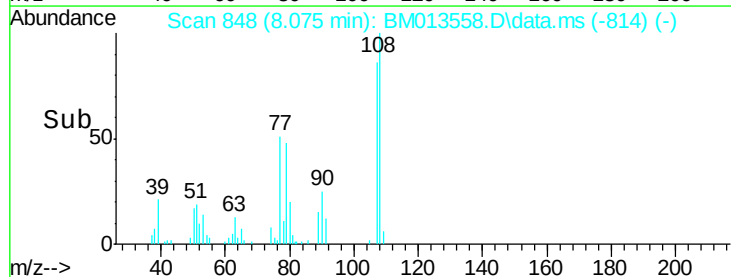
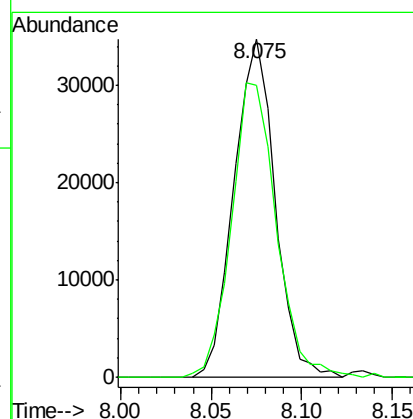
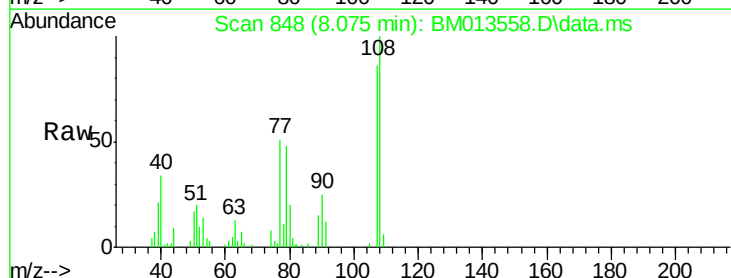
Acq: 10 Jan 2018 09:49

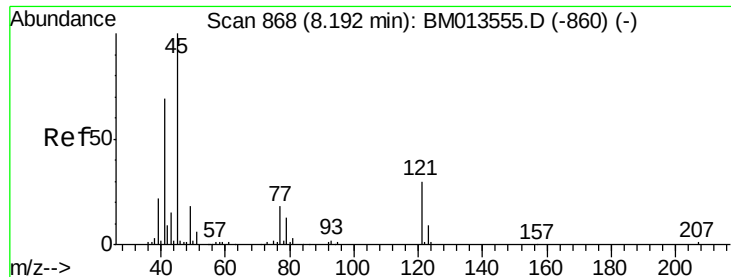
Tgt Ion:108 Resp: 54757

Ion Ratio Lower Upper

108 100

107 86.4 72.6 108.8

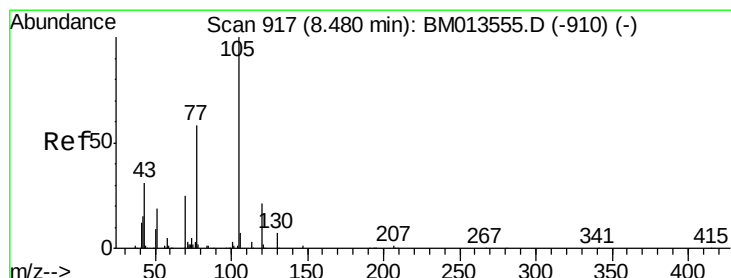
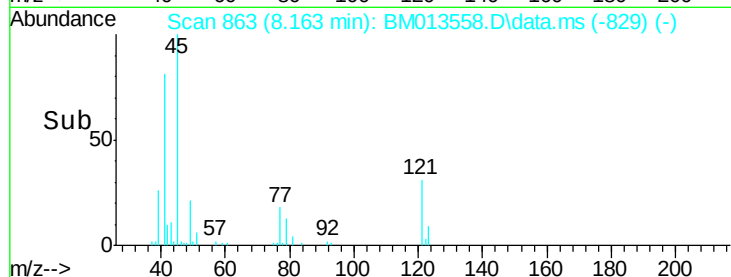
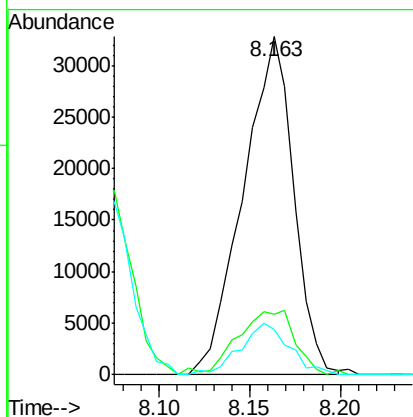
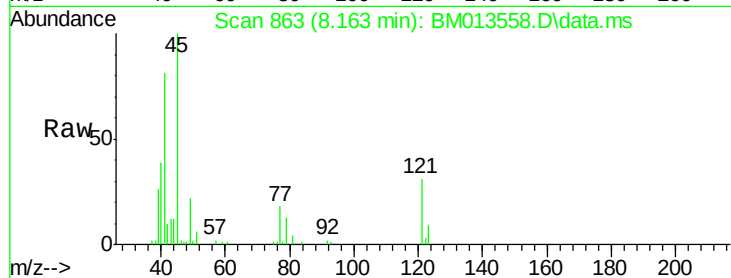




#12
2,2'-oxybis(1-Chloropropane)
Concen: 8.87 ng/ul
RT: 8.163 min Scan# 86
Delta R.T. 0.000 min
Lab File: BM013558.D
Acq: 10 Jan 2018 09:49

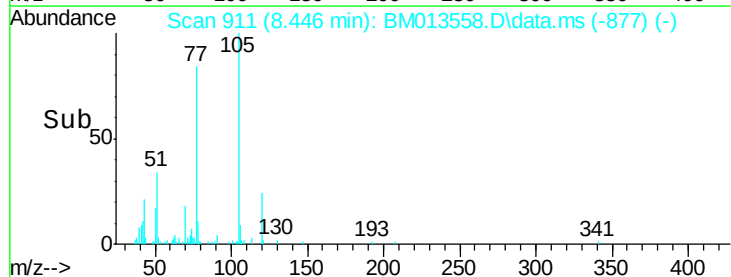
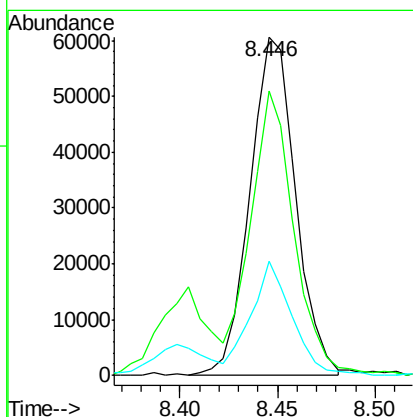
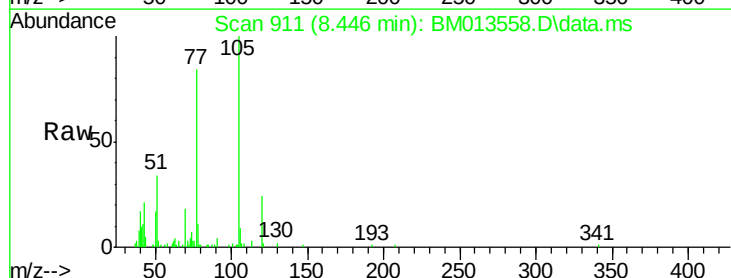
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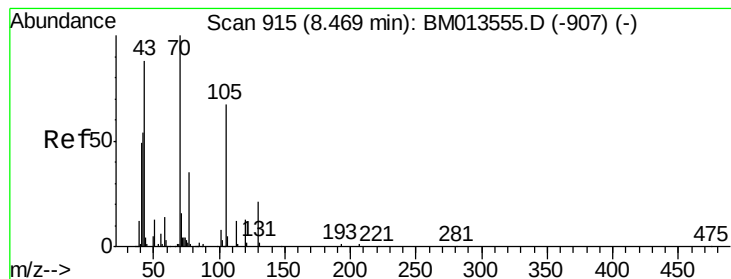
Tot Ion: 45 Resp: 63418
Ion Ratio Lower Upper
45 100
77 17.7 8.0 12.0#
79 13.4 8.0 12.0#



#14
Acetophenone
Concen: 8.37 ng/ul
RT: 8.446 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM013558.D
Acq: 10 Jan 2018 09:49

Tgt Ion: 105 Resp: 98030
Ion Ratio Lower Upper
105 100
77 84.3 74.2 111.4
51 33.7 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 8.13 ng/ul

RT: 8.434 min Scan# 90

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

Tot Ion: 70 Resp: 47940

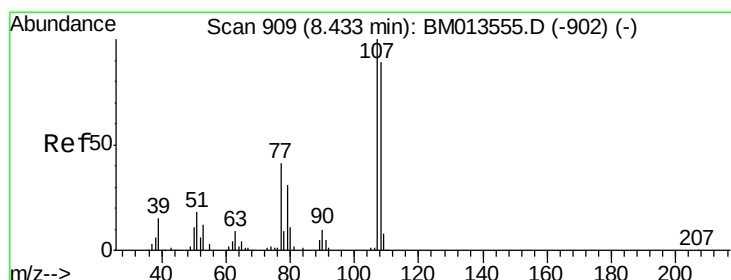
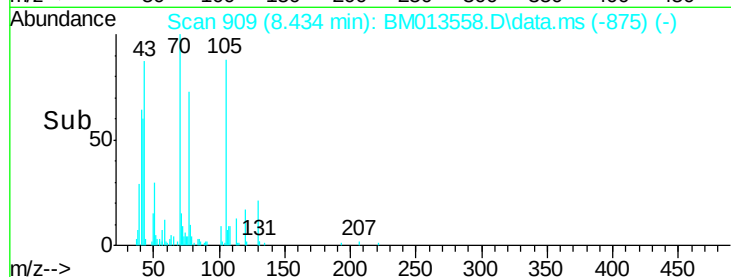
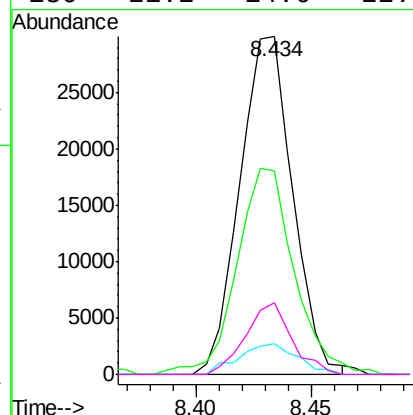
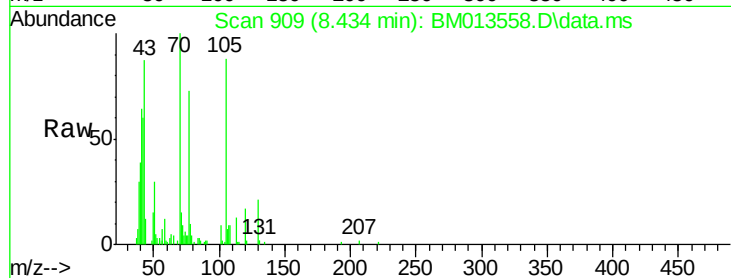
Ion Ratio Lower Upper

70 100

42 60.3 76.0 114.0#

101 9.2 6.7 10.1

130 21.2 14.6 22.0



#16

4-Methylphenol

Concen: 7.94 ng/ul

RT: 8.405 min Scan# 904

Delta R.T. 0.006 min

Lab File: BM013558.D

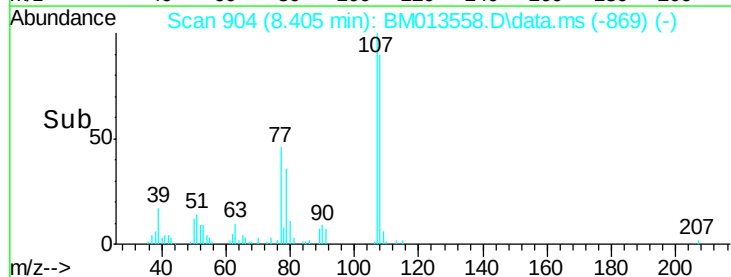
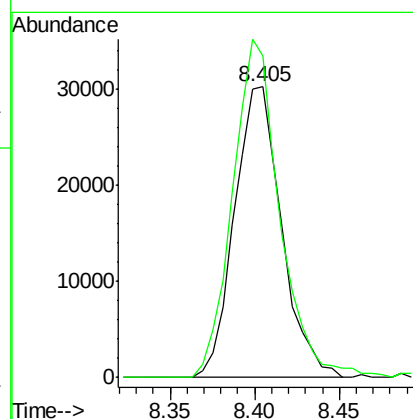
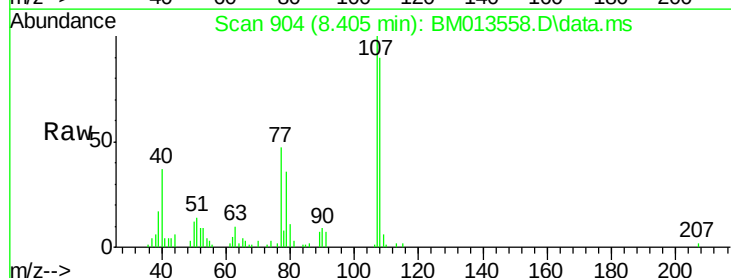
Acq: 10 Jan 2018 09:49

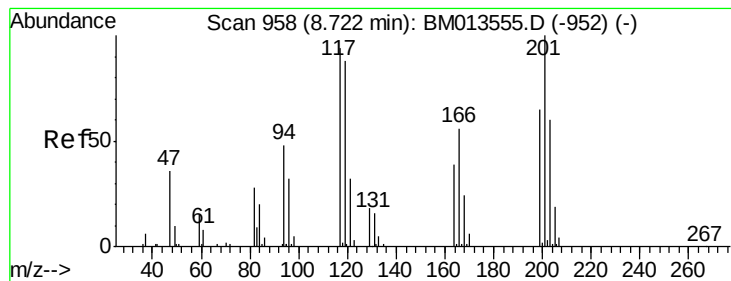
Tgt Ion: 108 Resp: 58504

Ion Ratio Lower Upper

108 100

107 110.8 84.9 127.3





#17

Hexachloroethane

Concen: 10.24 ng/ul

RT: 8.687 min Scan# 95

Delta R.T. 0.000 min

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SSTD01009

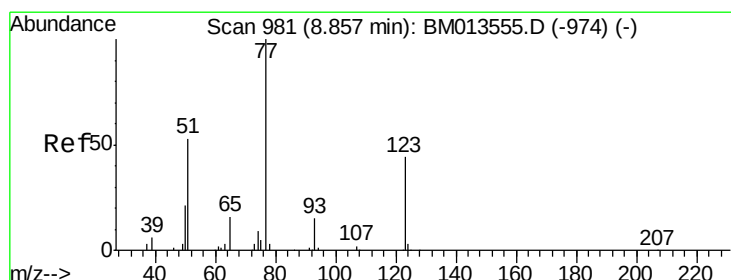
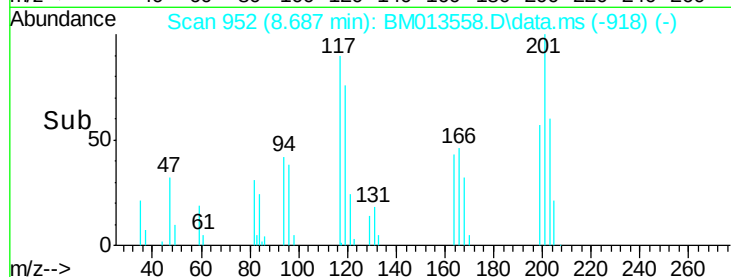
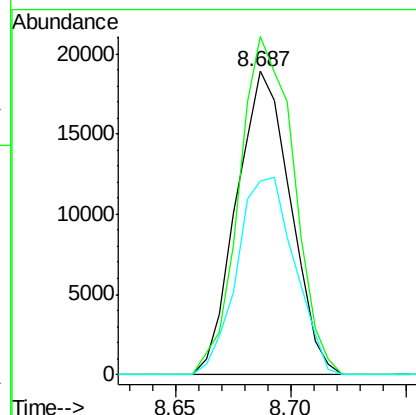
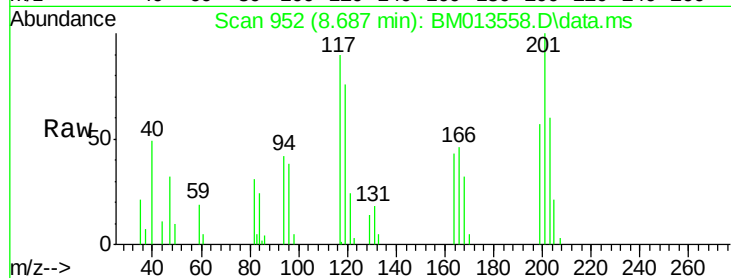
Tot Ion:117 Resp: 30767

Ion Ratio Lower Upper

117 100

201 109.8 111.6 167.4#

199 62.9 67.8 101.6#



#20

Nitrobenzene

Concen: 9.99 ng/ul

RT: 8.822 min Scan# 975

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

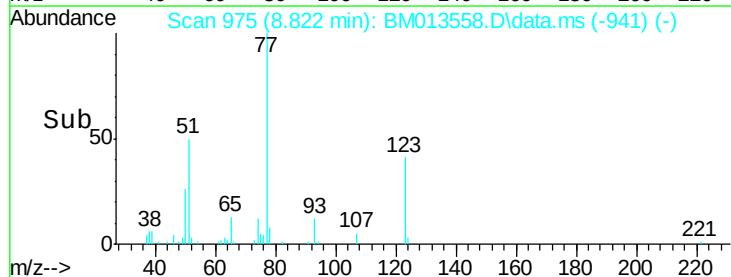
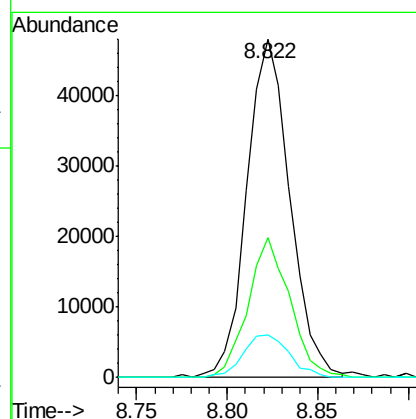
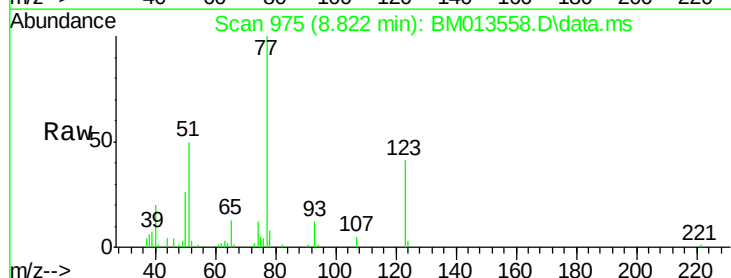
Tgt Ion: 77 Resp: 79511

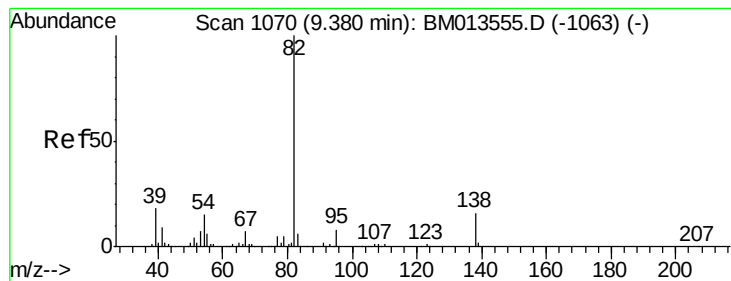
Ion Ratio Lower Upper

77 100

123 41.3 31.0 46.6

65 12.6 12.2 18.2





#21

Isophorone

Concen: 9.05 ng/ul

RT: 9.346 min Scan# 10

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

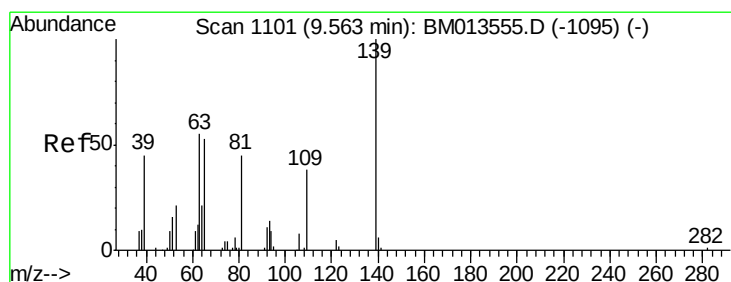
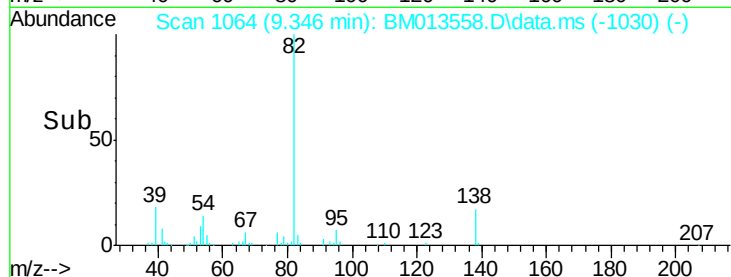
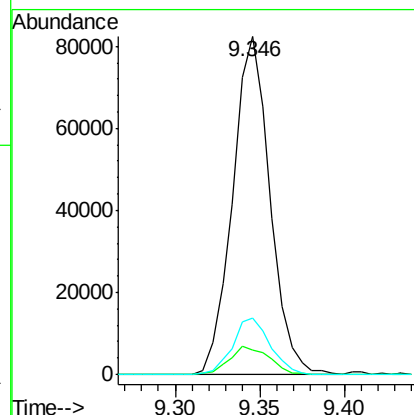
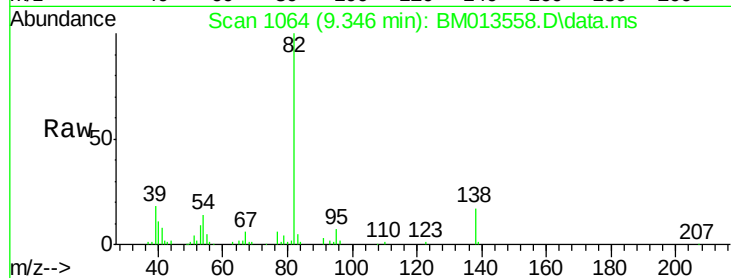
Tot Ion: 82 Resp: 126702

Ion Ratio Lower Upper

82 100

95 7.4 7.8 11.8#

138 16.9 11.9 17.9



#23

2-Nitrophenol

Concen: 8.86 ng/ul

RT: 9.528 min Scan# 1095

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

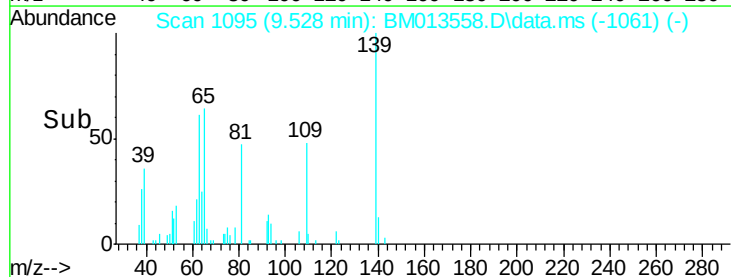
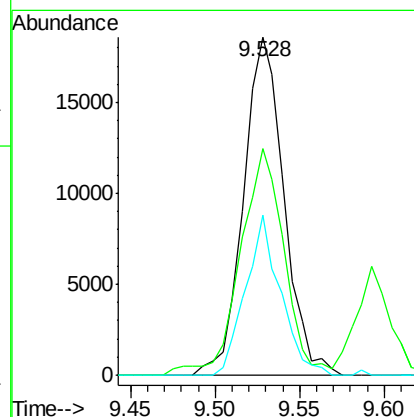
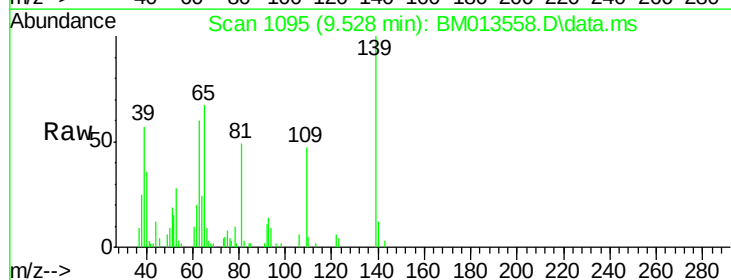
Tgt Ion: 139 Resp: 31044

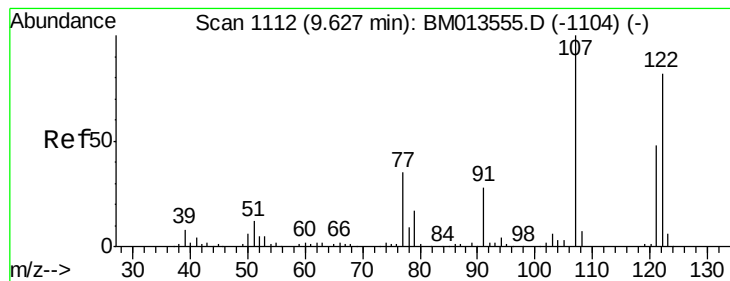
Ion Ratio Lower Upper

139 100

65 66.9 55.4 83.0

109 47.4 42.2 63.2





#24

2,4-Dimethylphenol

Concen: 9.33 ng/ul

RT: 9.593 min Scan# 111

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

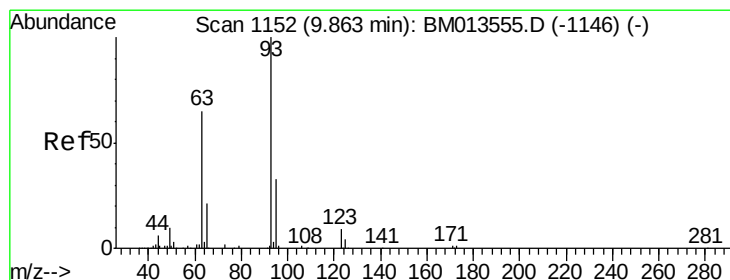
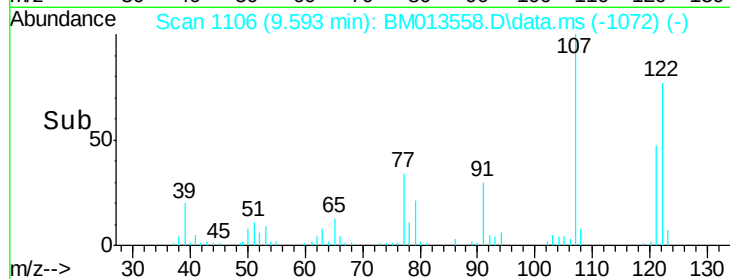
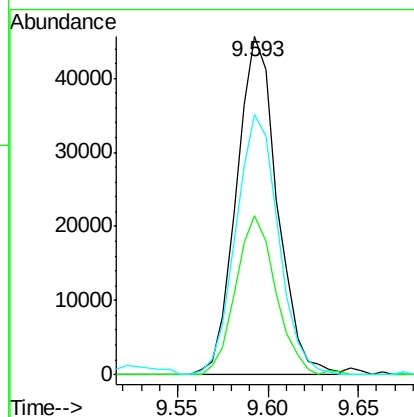
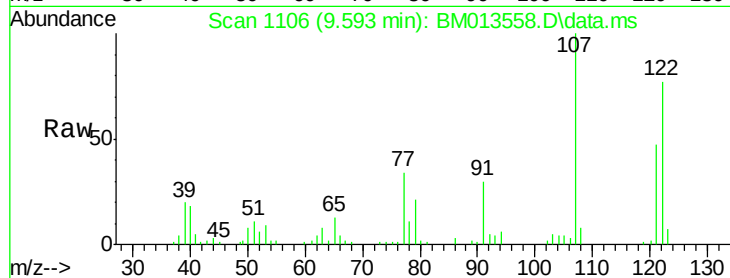
Tot Ion:107 Resp: 71308

Ion Ratio Lower Upper

107 100

121 46.9 31.9 47.9

122 77.1 57.8 86.6



#25

Bis(2-Chloroethoxy)methane

Concen: 9.58 ng/ul

RT: 9.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

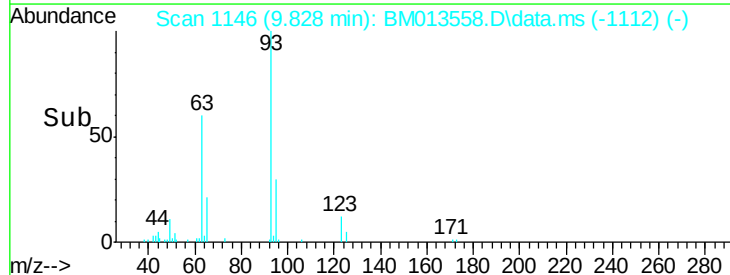
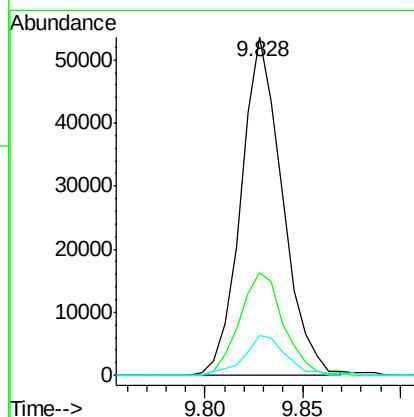
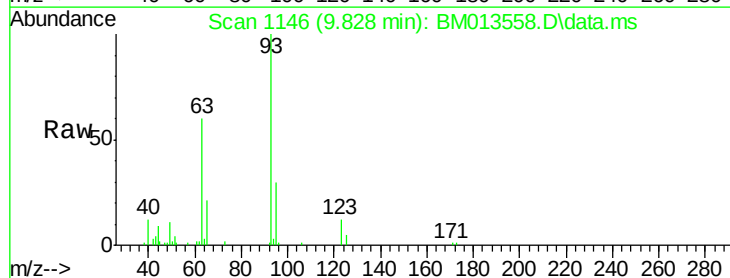
Tgt Ion: 93 Resp: 78507

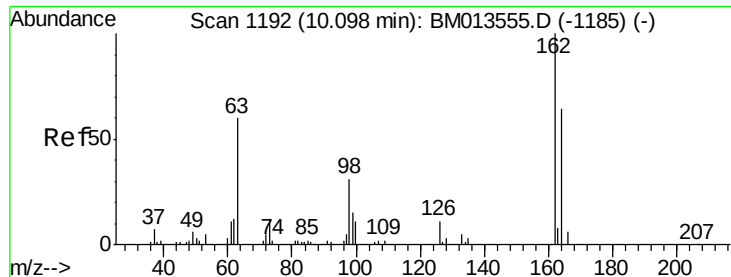
Ion Ratio Lower Upper

93 100

95 30.4 28.5 42.7

123 11.7 8.9 13.3





#27

2,4-Dichlorophenol

Concen: 9.14 ng/ul

RT: 10.057 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

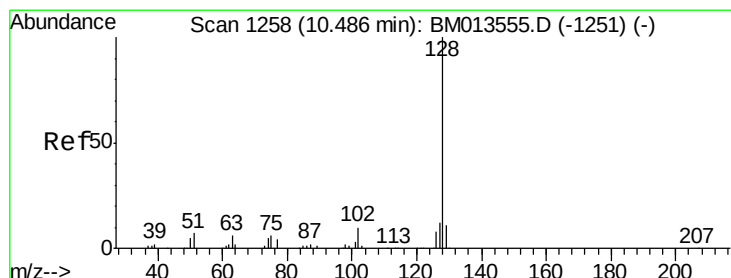
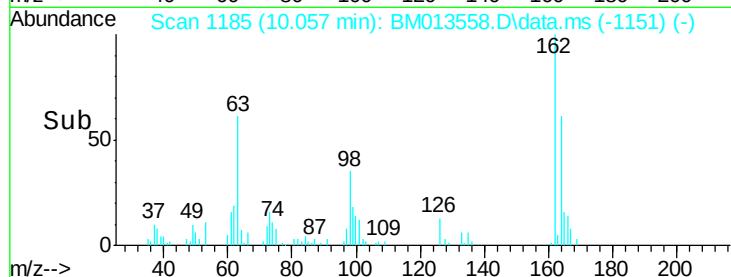
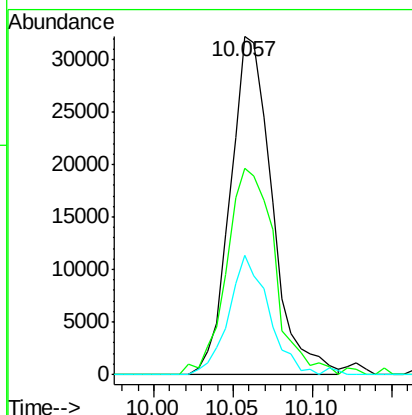
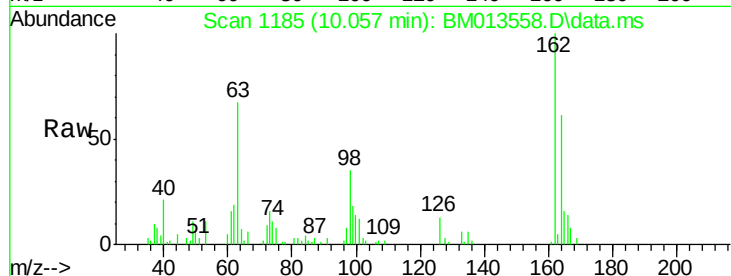
Tot Ion:162 Resp: 58858

Ion Ratio Lower Upper

162 100

164 60.9 47.8 71.6

98 35.1 23.0 34.4#



#28

Naphthalene

Concen: 9.53 ng/ul

RT: 10.451 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

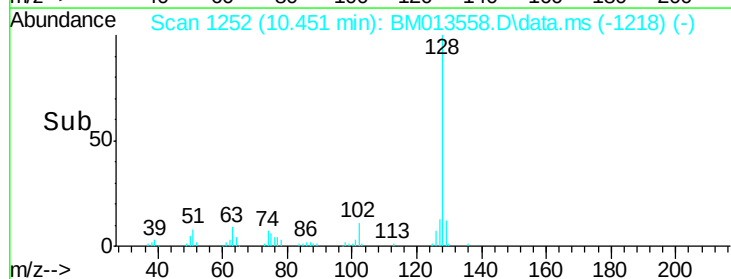
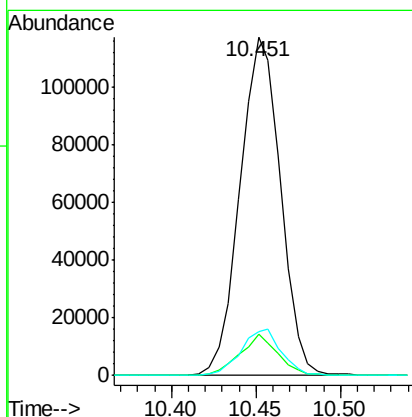
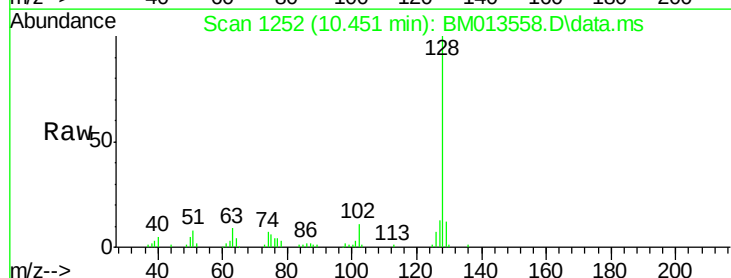
Tgt Ion:128 Resp: 195331

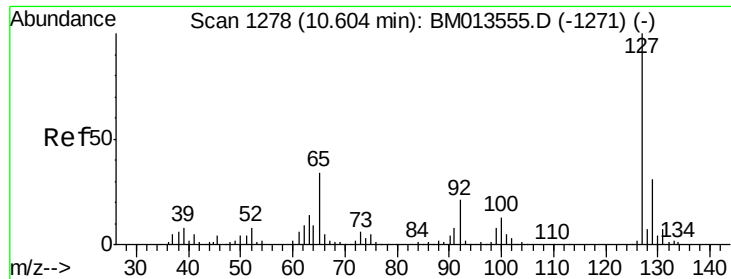
Ion Ratio Lower Upper

128 100

129 12.3 8.8 13.2

127 12.9 10.6 16.0

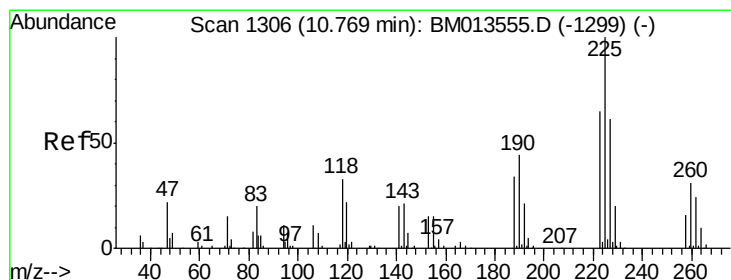
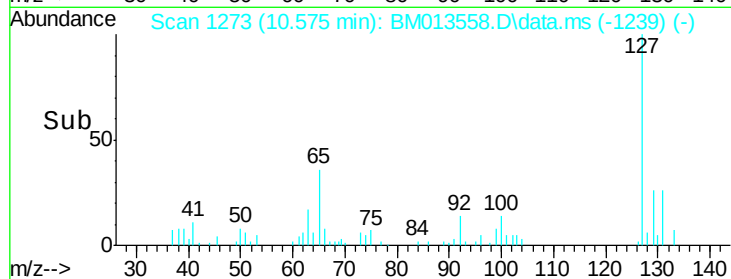
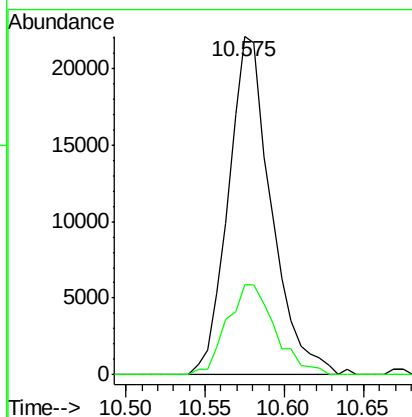
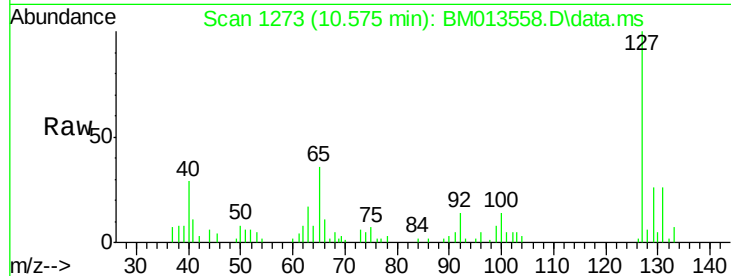




#30
 4-Chloroaniline
 Concen: 6.69 ng/ul
 RT: 10.575 min Scan# 127
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

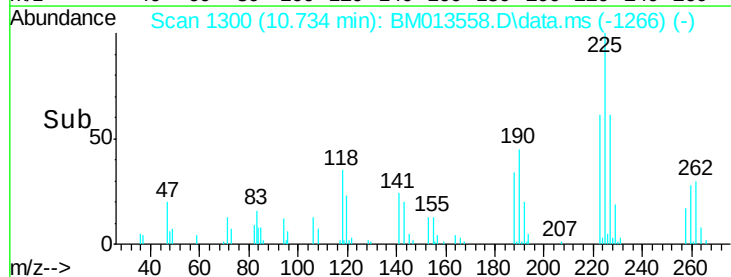
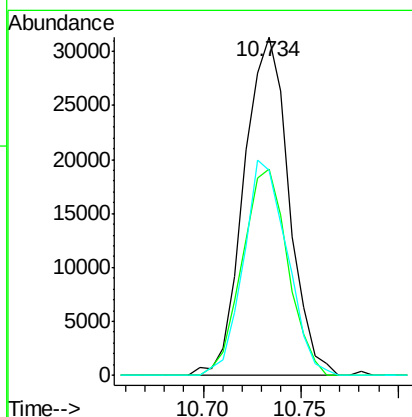
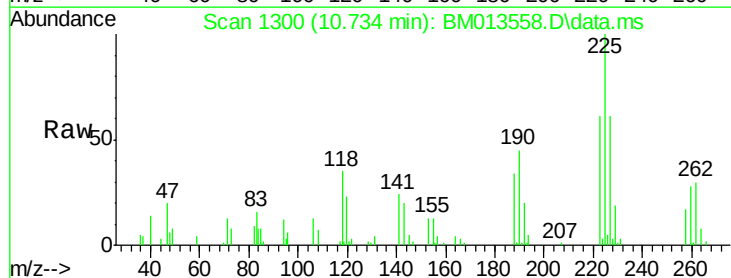
Instrument :
 BNA_M
 ClientSampleId :
 SSTD01009

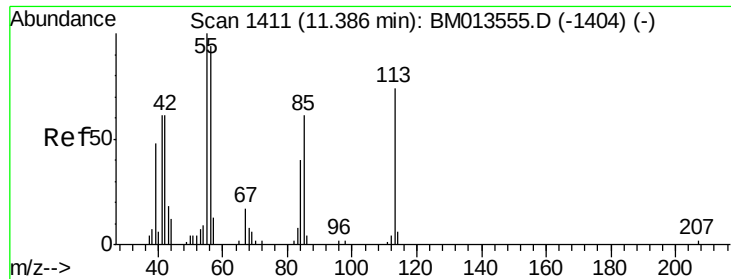
Tot Ion:127 Resp: 41495
 Ion Ratio Lower Upper
 127 100
 129 26.5 28.4 42.6#



#31
 Hexachlorobutadiene
 Concen: 10.72 ng/ul
 RT: 10.734 min Scan# 1300
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

Tgt Ion:225 Resp: 49974
 Ion Ratio Lower Upper
 225 100
 223 60.9 49.4 74.2
 227 60.7 45.4 68.2





#32

Caprolactam

Concen: 6.50 ng/ul

RT: 11.351 min Scan# 14

Delta R.T. -0.006 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

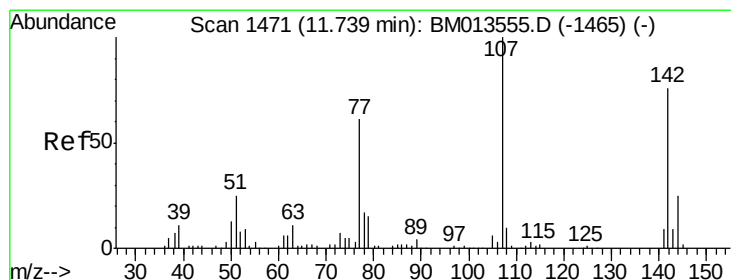
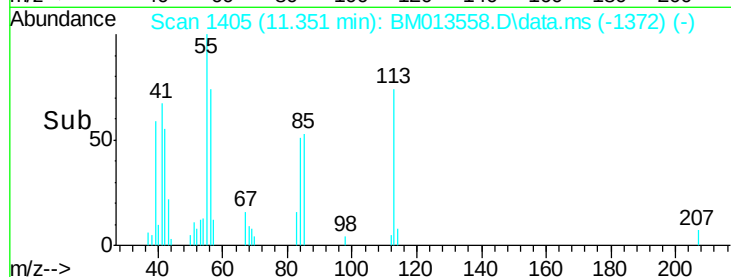
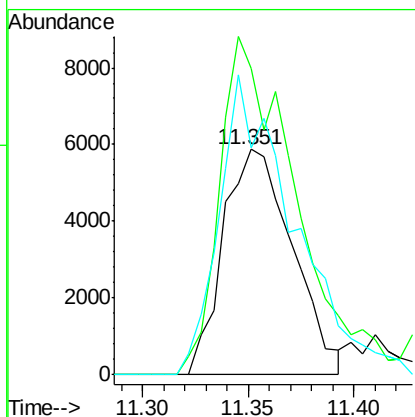
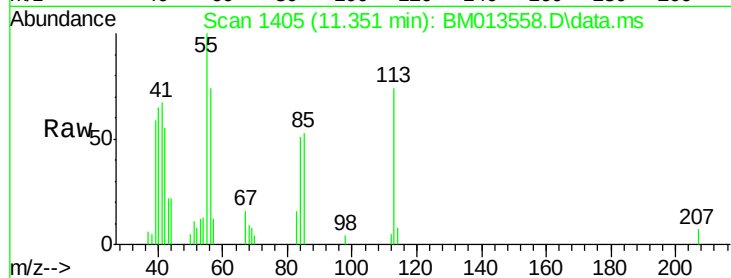
Tot Ion:113 Resp: 13372

Ion Ratio Lower Upper

113 100

55 135.7 208.0 312.0#

56 100.5 160.0 240.0#



#33

4-Chloro-3-methylphenol

Concen: 8.31 ng/ul

RT: 11.710 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

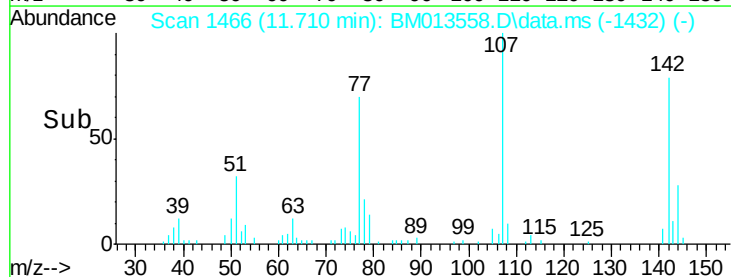
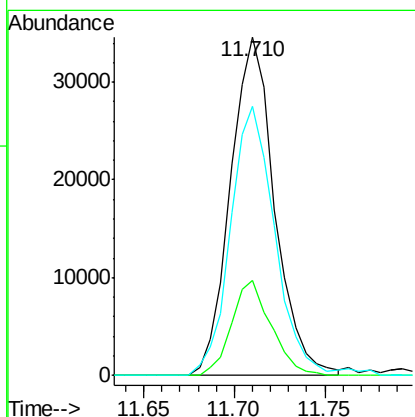
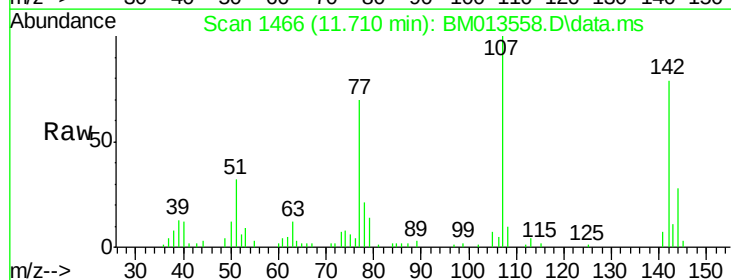
Tgt Ion:107 Resp: 58660

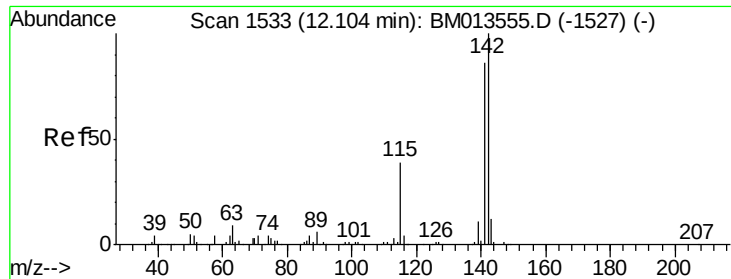
Ion Ratio Lower Upper

107 100

144 27.9 20.4 30.6

142 79.4 60.5 90.7

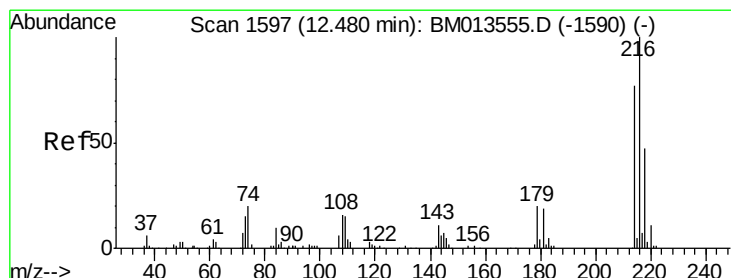
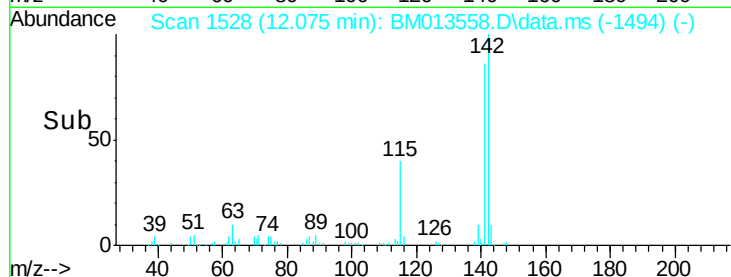
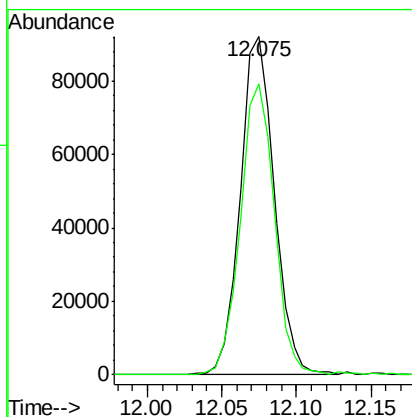
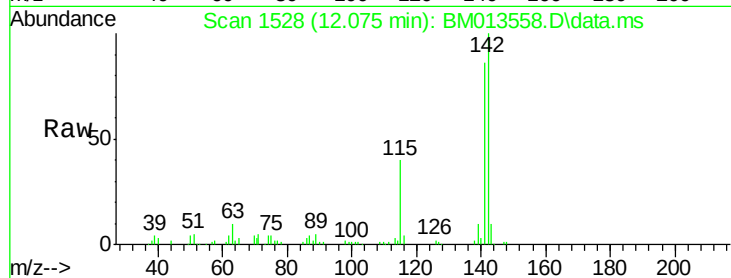




#34
 2-Methylnaphthalene
 Concen: 9.44 ng/ul
 RT: 12.075 min Scan# 1533
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

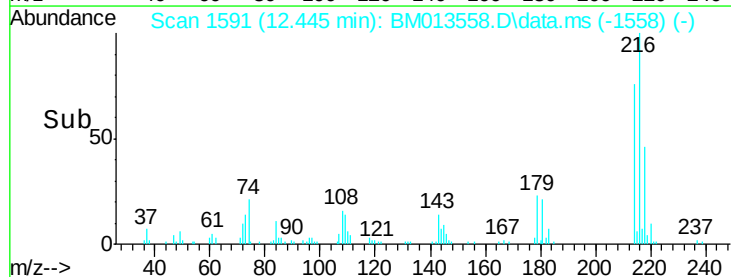
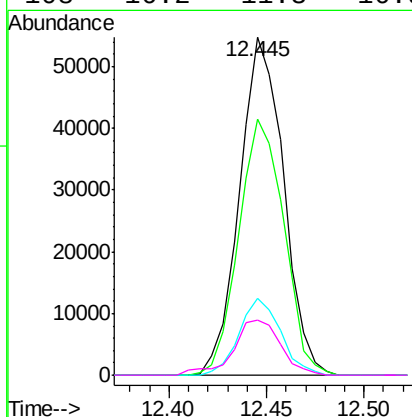
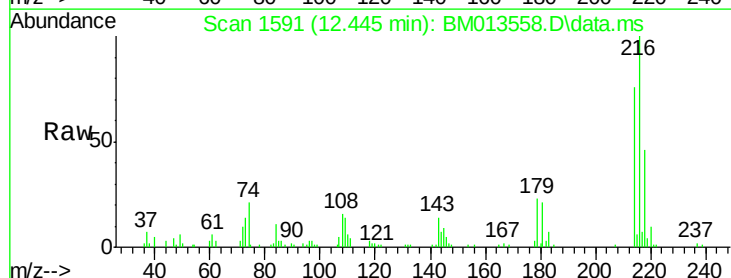
Instrument :
 BNA_M
 ClientSampleId :
 SSTD01009

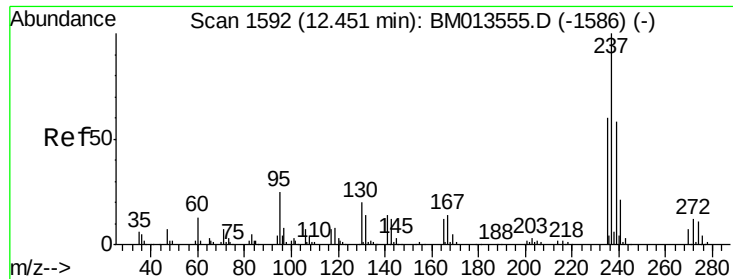
Tot Ion:142 Resp: 145446
 Ion Ratio Lower Upper
 142 100
 141 86.0 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.42 ng/ul
 RT: 12.445 min Scan# 1591
 Delta R.T. -0.006 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

Tgt Ion:216 Resp: 85529
 Ion Ratio Lower Upper
 216 100
 214 75.8 60.6 90.8
 179 22.9 17.5 26.3
 108 16.2 11.3 16.9

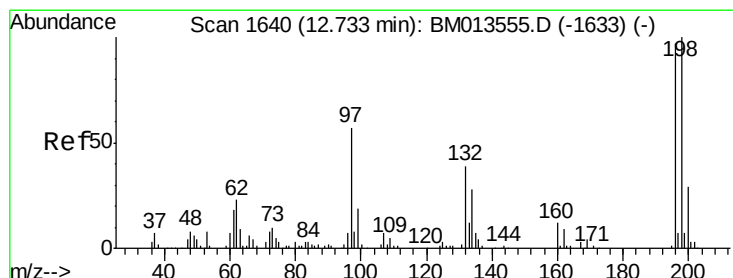
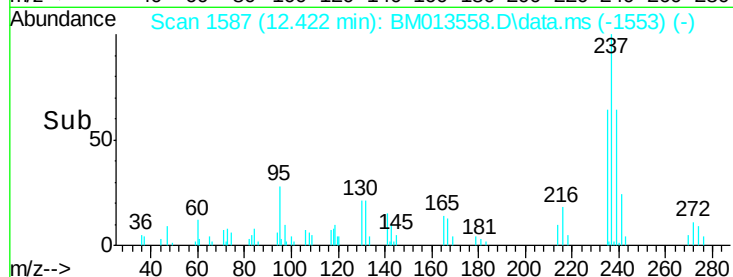
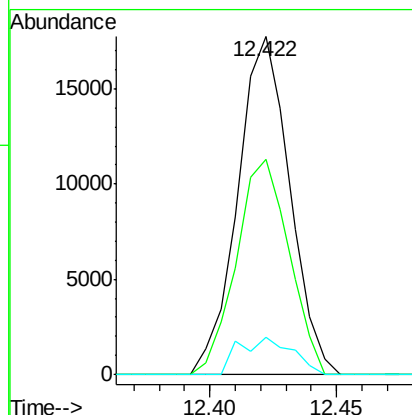
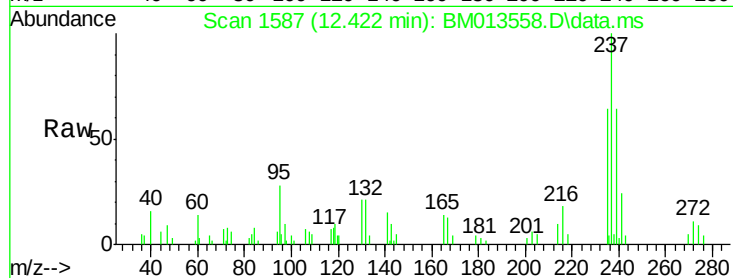




#37
Hexachlorocyclopentadiene
Concen: 4.70 ng/ul
RT: 12.422 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BM013558.D
Acq: 10 Jan 2018 09:49

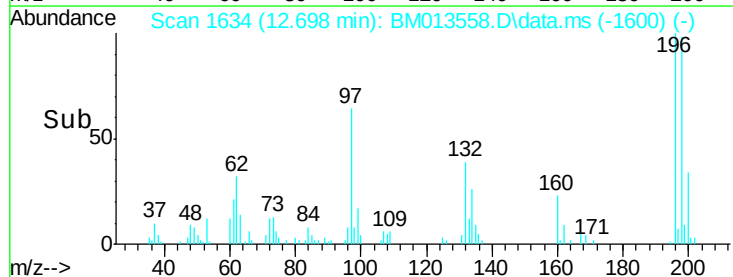
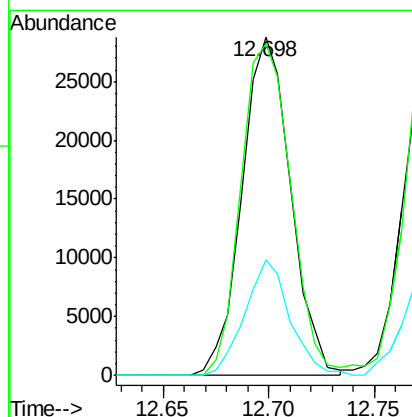
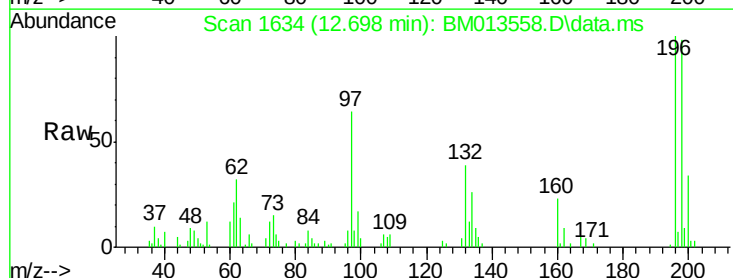
Instrument :
BNA_M
ClientSampleId :
SSTD01009

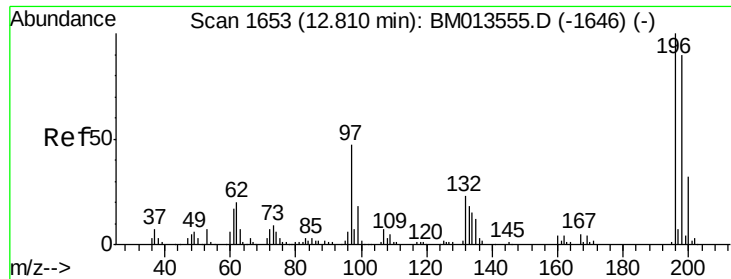
Tot Ion:237 Resp: 25412
Ion Ratio Lower Upper
237 100
235 63.8 50.2 75.4
272 11.1 11.0 16.6



#38
2,4,6-Trichlorophenol
Concen: 8.98 ng/ul
RT: 12.698 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM013558.D
Acq: 10 Jan 2018 09:49

Tgt Ion:196 Resp: 45949
Ion Ratio Lower Upper
196 100
198 98.2 74.1 111.1
200 34.2 25.2 37.8

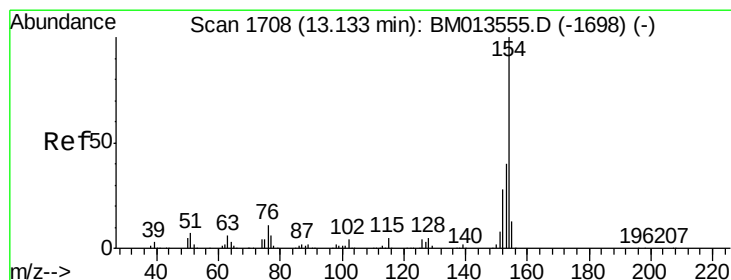
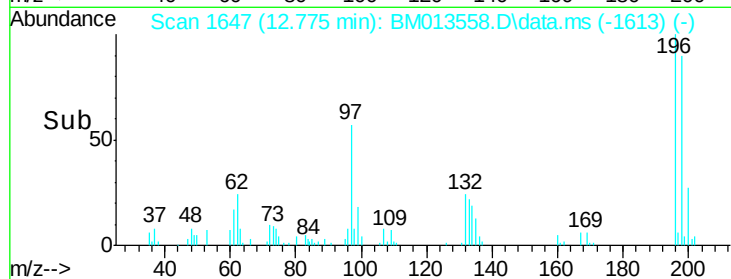
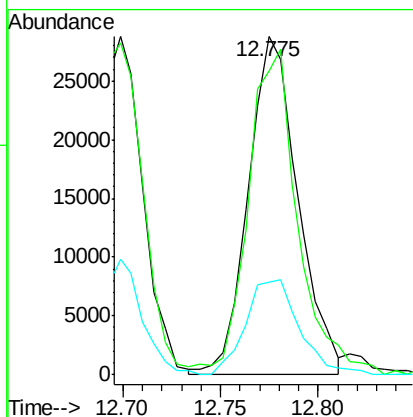
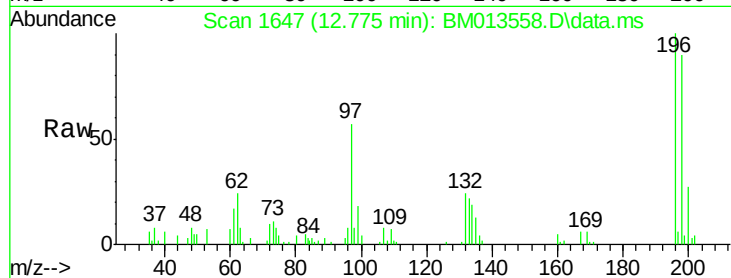




#39
 2,4,5-Trichlorophenol
 Concen: 9.33 ng/ul
 RT: 12.775 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

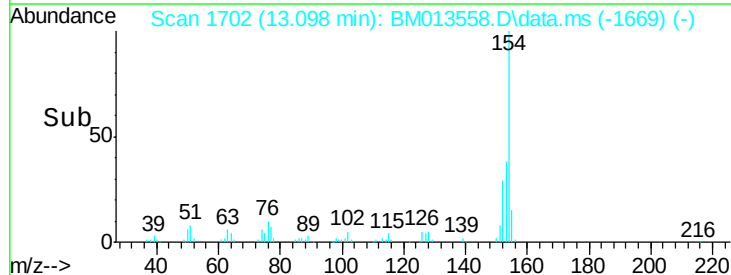
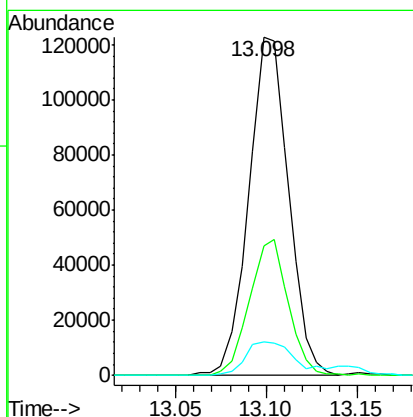
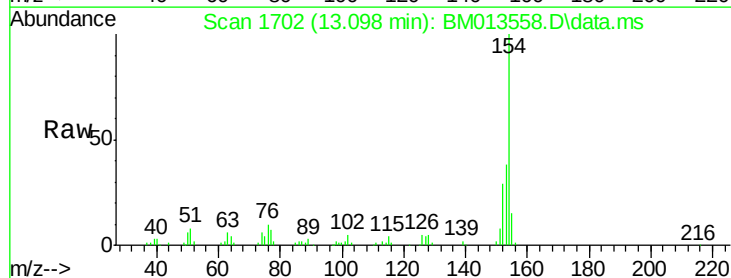
Instrument :
 BNA_M
 ClientSampleId :
 SSTD01009

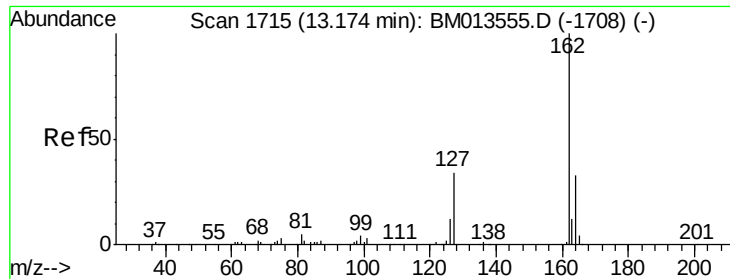
Tot Ion:196 Resp: 50710
 Ion Ratio Lower Upper
 196 100
 198 89.9 75.6 113.4
 200 27.2 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 9.73 ng/ul
 RT: 13.098 min Scan# 1702
 Delta R.T. -0.006 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

Tgt Ion:154 Resp: 187025
 Ion Ratio Lower Upper
 154 100
 153 38.1 32.6 48.8
 76 9.8 8.5 12.7

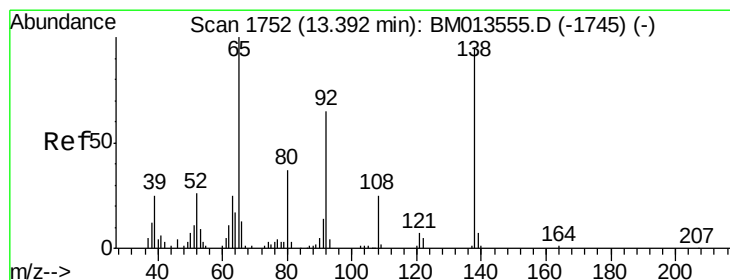
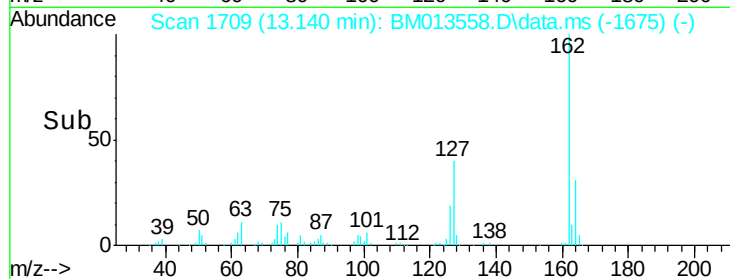
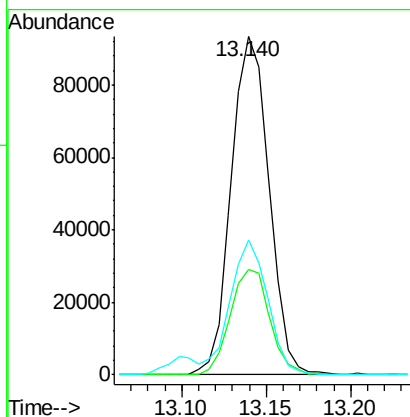
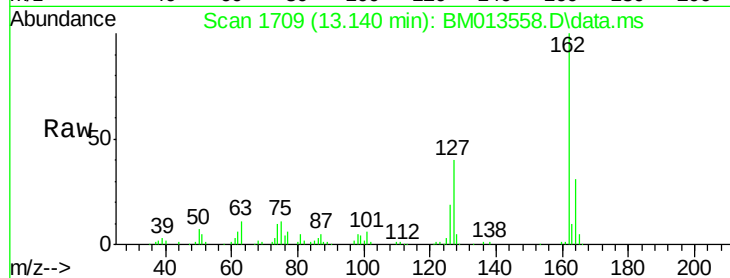




#41
2-Chloronaphthalene
Concen: 9.65 ng/ul
RT: 13.140 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM013558.D
Acq: 10 Jan 2018 09:49

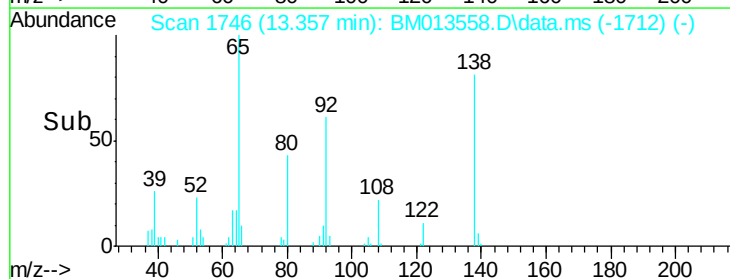
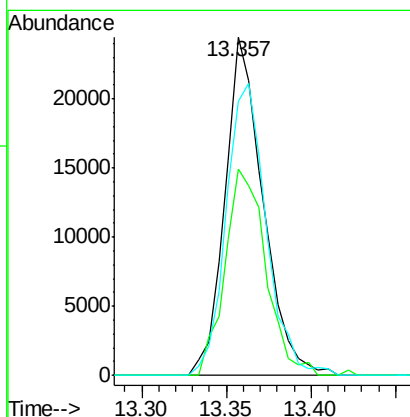
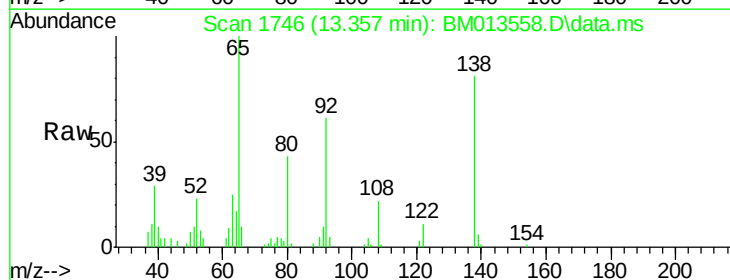
Instrument :
BNA_M
ClientSampleId :
SSTD01009

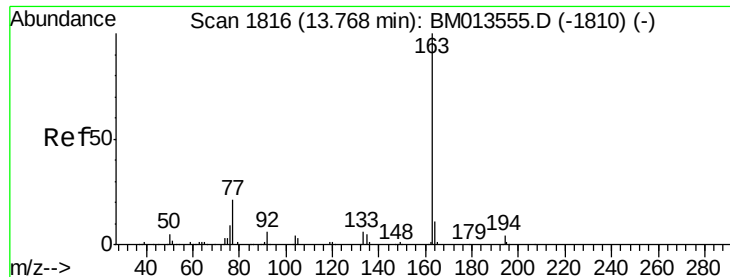
Tot Ion	Ratio	Lower	Upper
162	100		
164	31.2	25.9	38.9
127	39.7	29.4	44.2



#42
2-Nitroaniline
Concen: 8.68 ng/ul
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BM013558.D
Acq: 10 Jan 2018 09:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.8	51.8	77.6
138	81.2	74.2	111.4





#44

Dimethylphthalate

Concen: 9.35 ng/ul

RT: 13.739 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

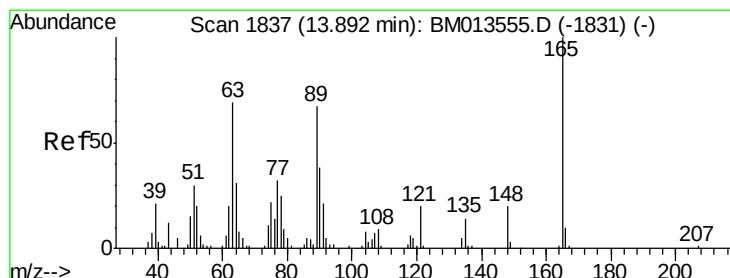
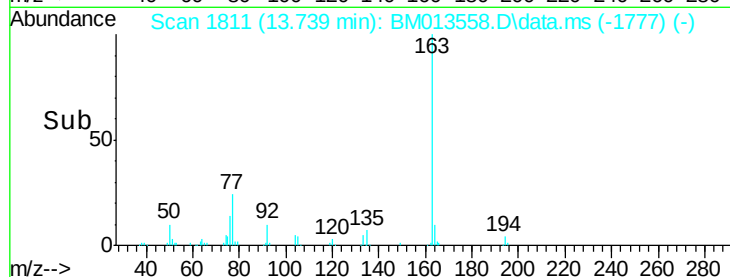
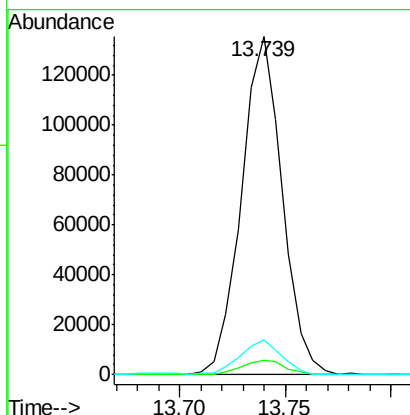
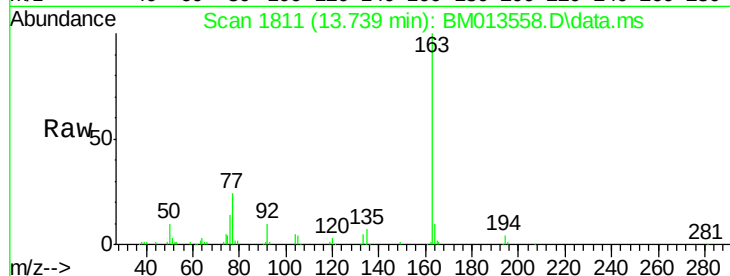
Tot Ion:163 Resp: 180917

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.3 8.2 12.4



#45

2,6-Dinitrotoluene

Concen: 8.20 ng/ul

RT: 13.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

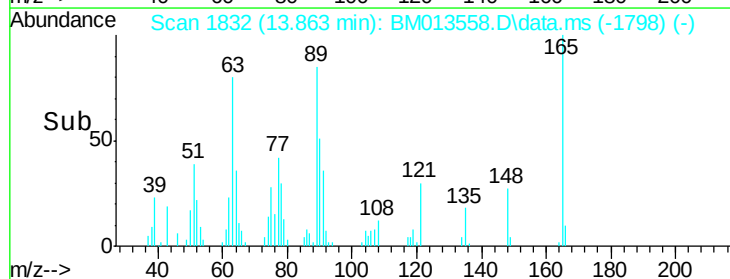
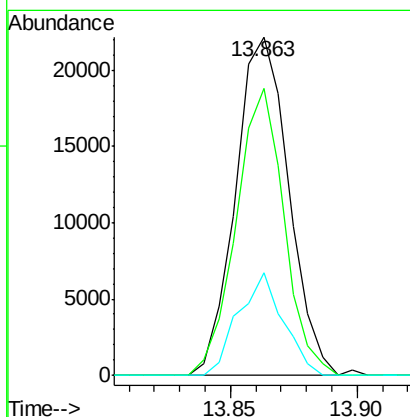
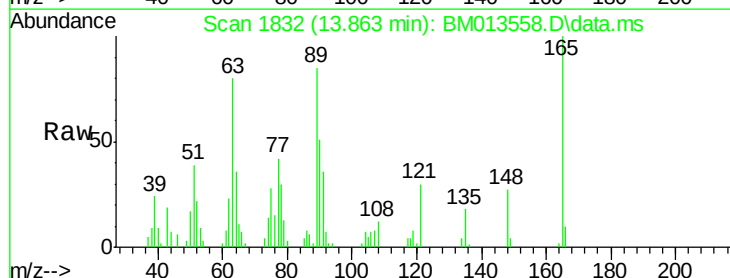
Tgt Ion:165 Resp: 32378

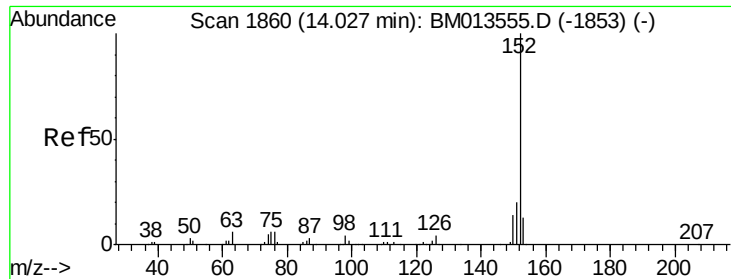
Ion Ratio Lower Upper

165 100

89 85.0 52.6 79.0#

121 30.4 14.6 22.0#





#47

Acenaphthylene

Concen: 9.16 ng/ul

RT: 13.992 min Scan# 18

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

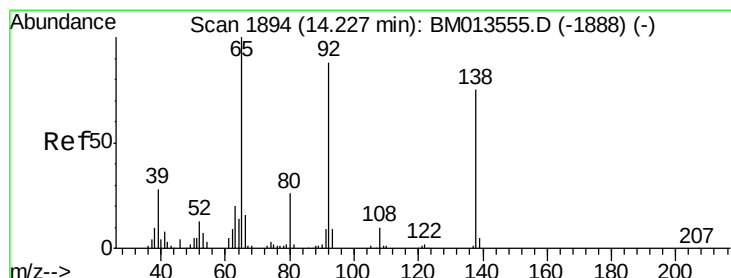
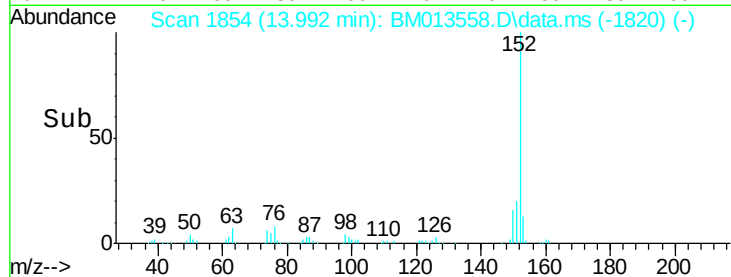
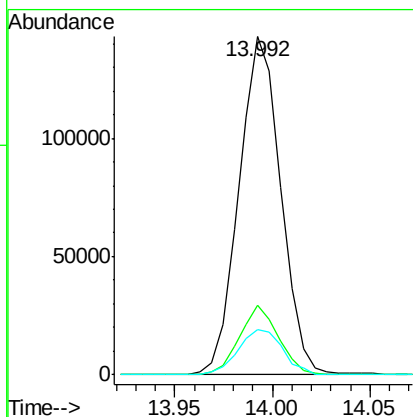
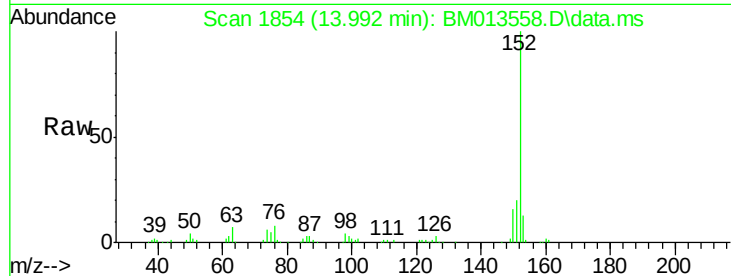
Tot Ion:152 Resp: 211654

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.1 10.2 15.4



#48

3-Nitroaniline

Concen: 6.78 ng/ul

RT: 14.198 min Scan# 1889

Delta R.T. 0.006 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

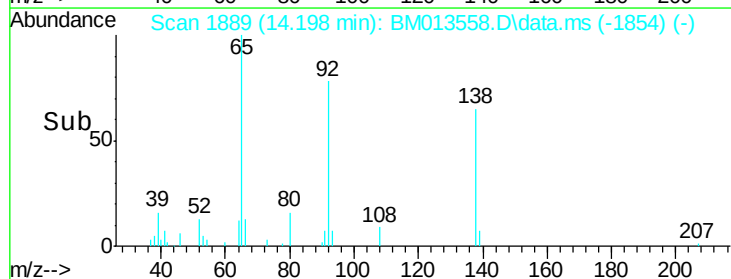
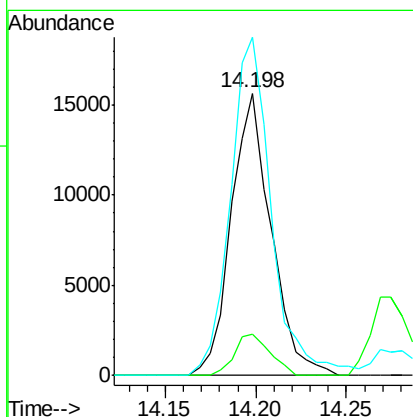
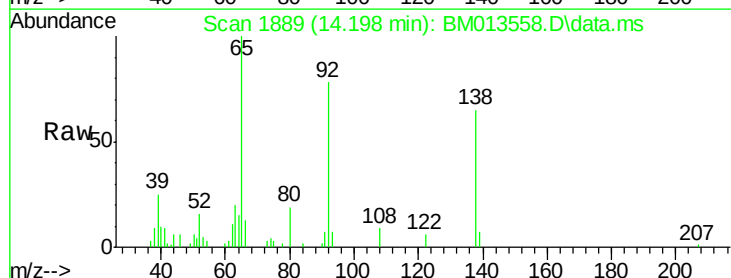
Tgt Ion:138 Resp: 23943

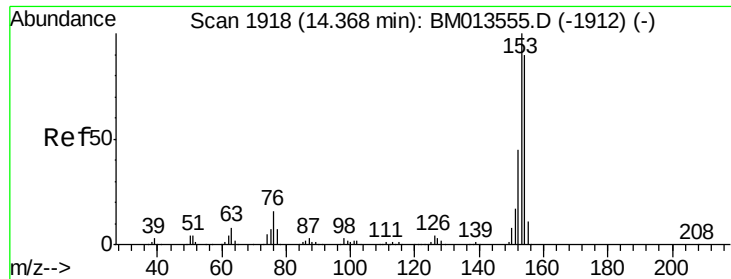
Ion Ratio Lower Upper

138 100

108 14.3 9.9 14.9

92 119.7 105.0 157.4





#49

Acenaphthene

Concen: 9.55 ng/ul

RT: 14.339 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

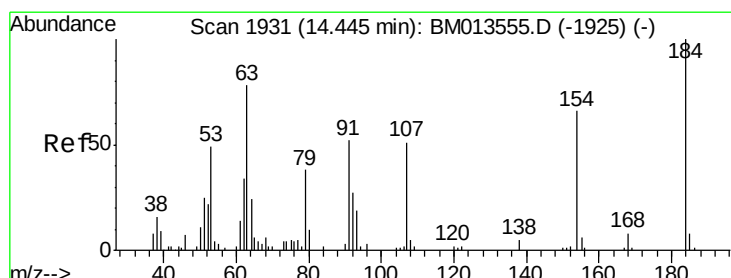
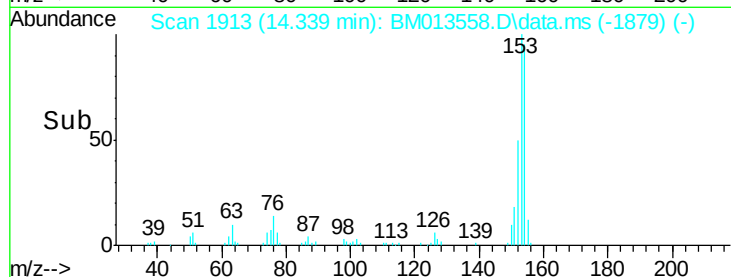
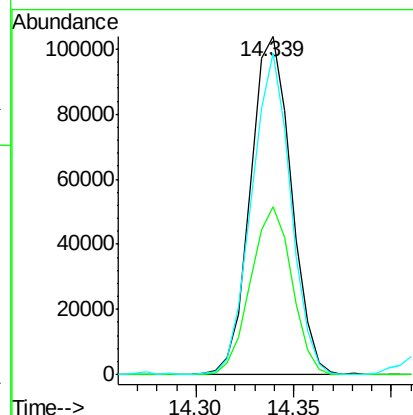
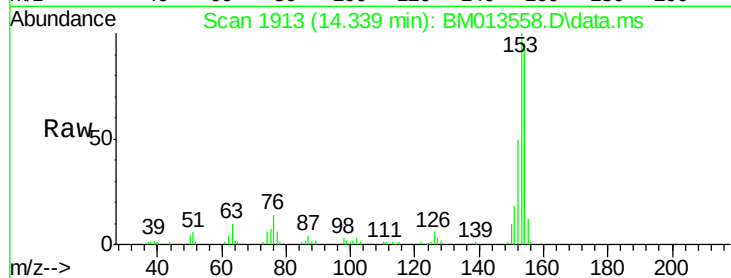
Tot Ion:153 Resp: 150302

Ion Ratio Lower Upper

153 100

152 49.5 37.6 56.4

154 95.0 70.4 105.6



#50

2,4-Dinitrophenol

Concen: 6.76 ng/ul

RT: 14.416 min Scan# 1926

Delta R.T. 0.006 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

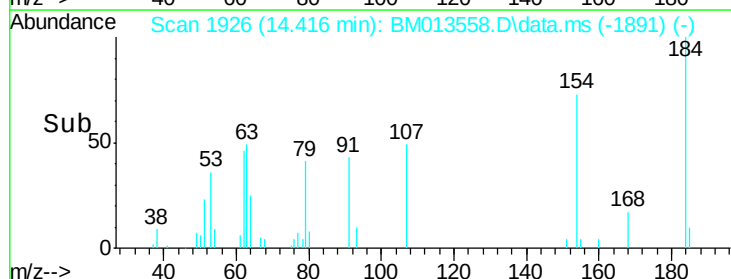
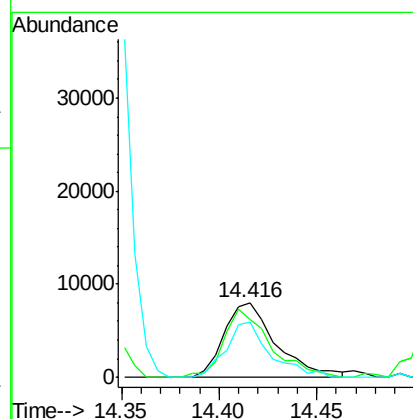
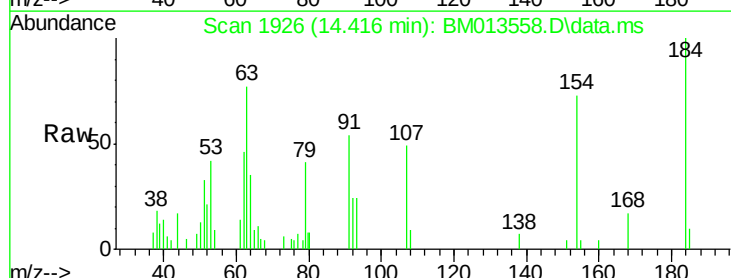
Tgt Ion:184 Resp: 14777

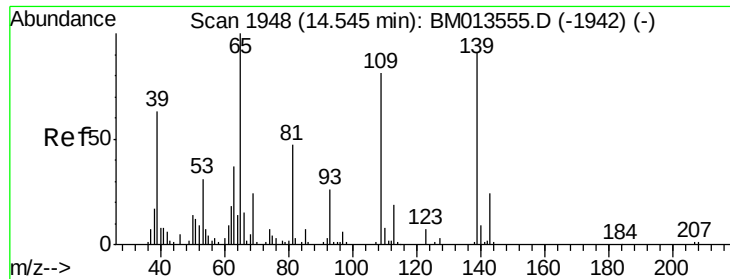
Ion Ratio Lower Upper

184 100

63 76.6 50.1 75.1#

154 73.2 54.5 81.7





#52

4-Nitrophenol

Concen: 8.08 ng/ul

RT: 14.510 min Scan# 19

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

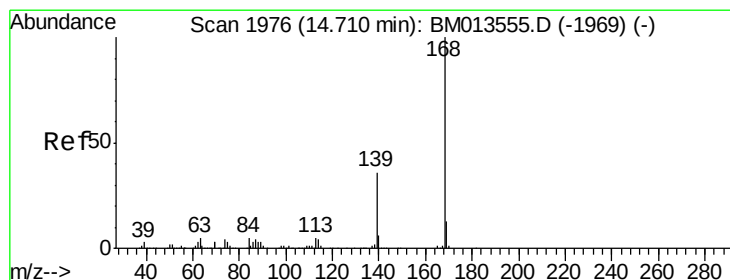
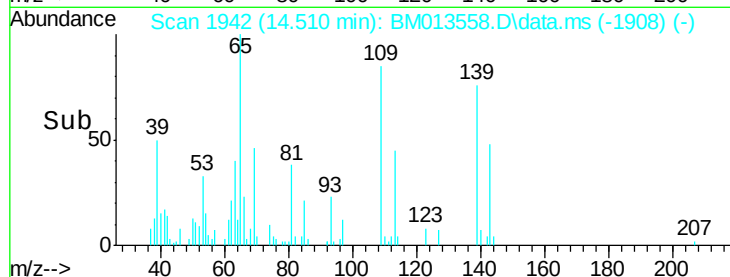
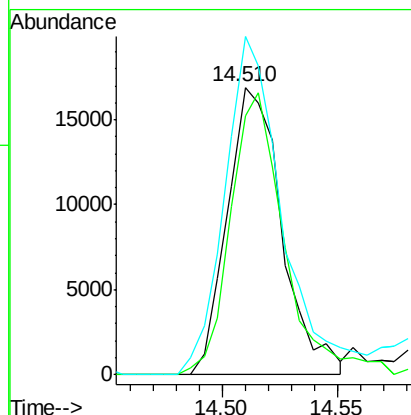
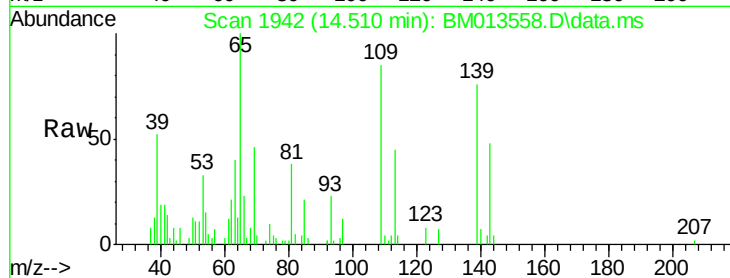
Tot Ion:109 Resp: 27865

Ion Ratio Lower Upper

109 100

139 89.9 80.0 120.0

65 117.6 120.0 180.0#



#53

Dibenzofuran

Concen: 9.68 ng/ul

RT: 14.675 min Scan# 1970

Delta R.T. 0.000 min

Lab File: BM013558.D

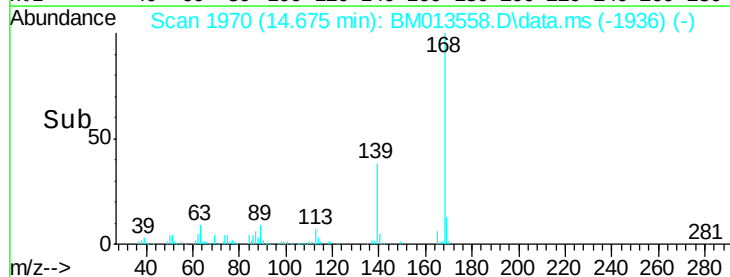
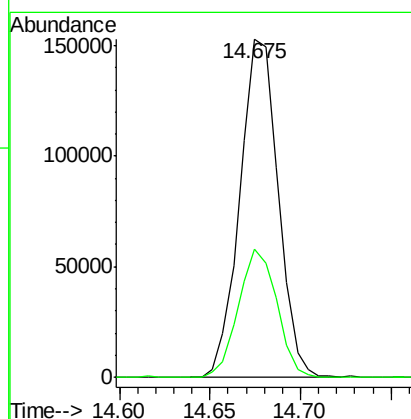
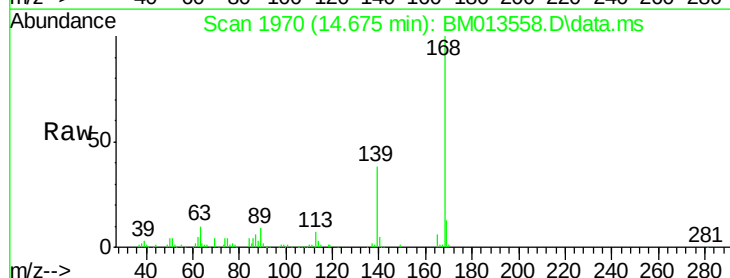
Acq: 10 Jan 2018 09:49

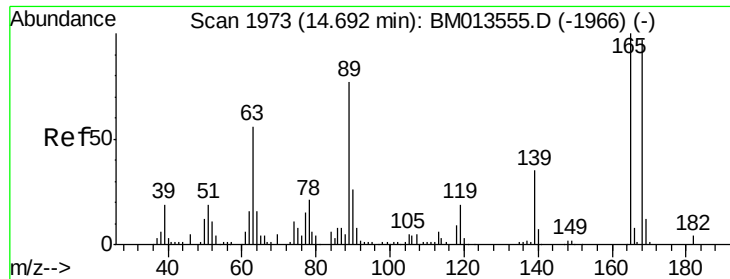
Tgt Ion:168 Resp: 224910

Ion Ratio Lower Upper

168 100

139 38.0 30.8 46.2





#54

2,4-Dinitrotoluene

Concen: 8.95 ng/ul

RT: 14.657 min Scan# 19

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

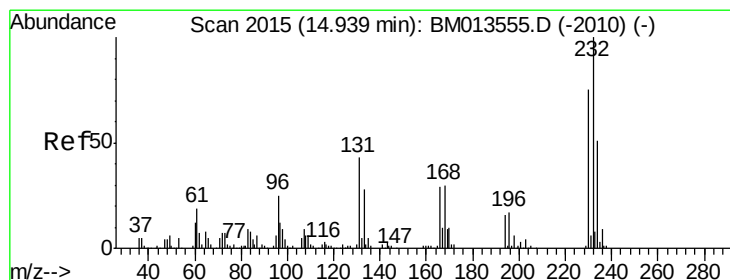
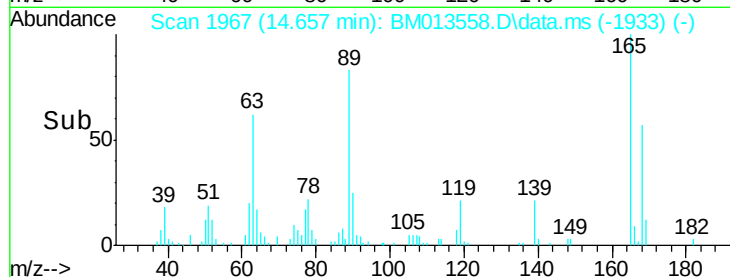
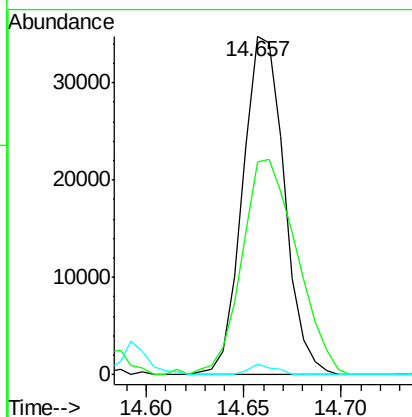
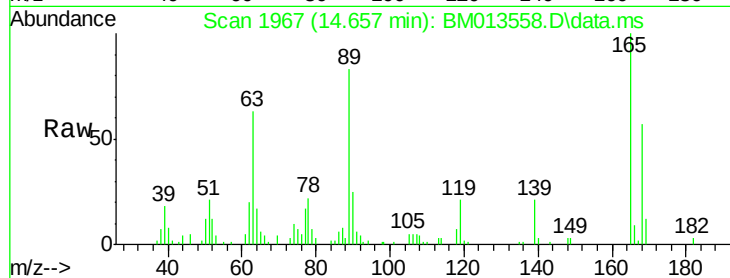
Tot Ion:165 Resp: 51398

Ion Ratio Lower Upper

165 100

63 63.1 45.8 68.8

182 3.1 2.6 4.0



#55

2,3,4,6-Tetrachlorophenol

Concen: 9.32 ng/ul

RT: 14.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Tgt Ion:232 Resp: 46451

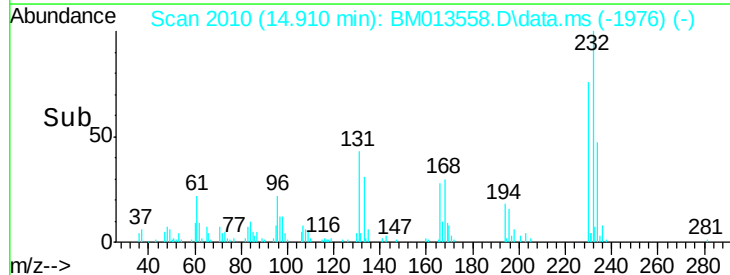
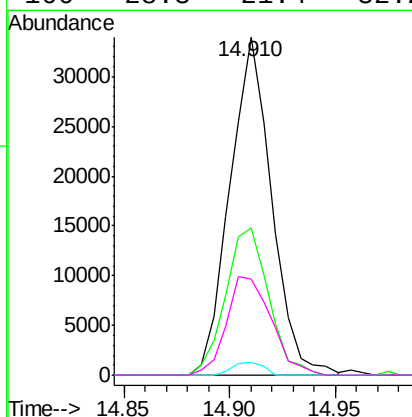
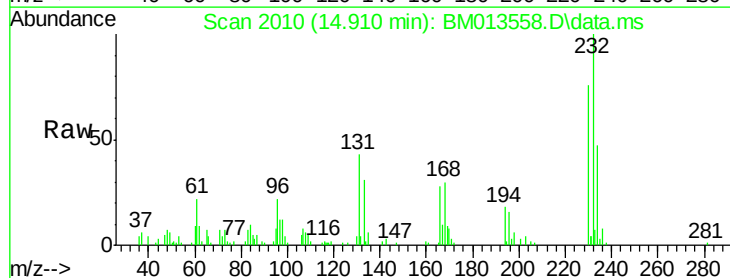
Ion Ratio Lower Upper

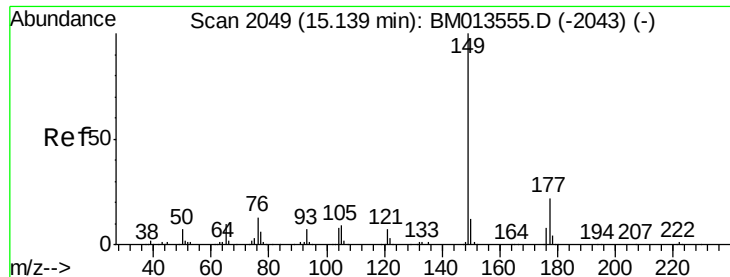
232 100

131 43.5 29.0 43.4#

130 3.7 2.0 3.0#

166 28.3 21.4 32.2





#56

Diethylphthalate

Concen: 9.67 ng/ul

RT: 15.110 min Scan# 2049

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

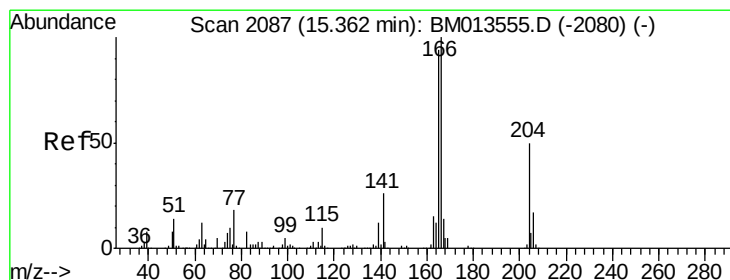
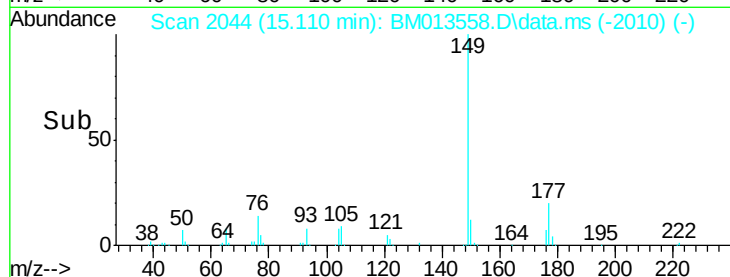
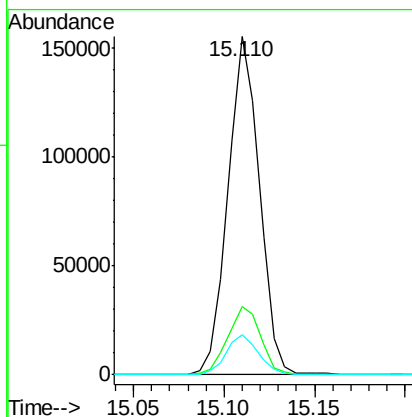
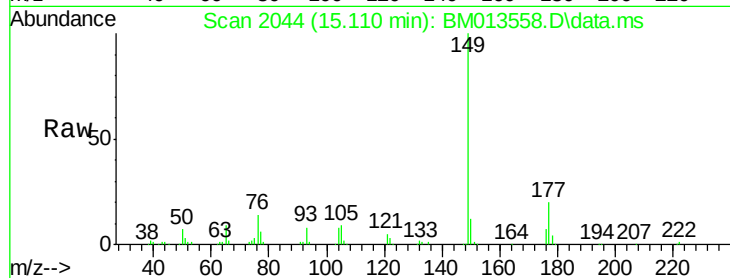
Tot Ion:149 Resp: 187684

Ion Ratio Lower Upper

149 100

177 20.2 20.5 30.7#

150 11.7 10.6 15.8



#58

Fluorene

Concen: 9.40 ng/ul

RT: 15.328 min Scan# 2081

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

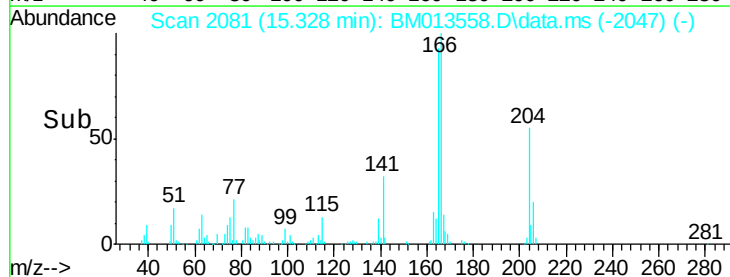
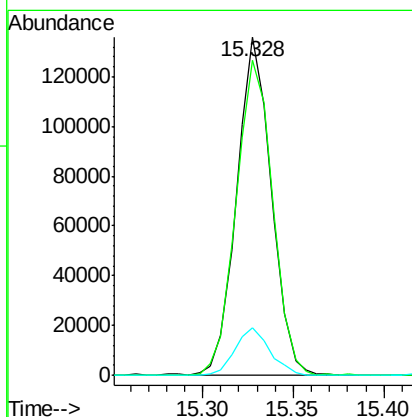
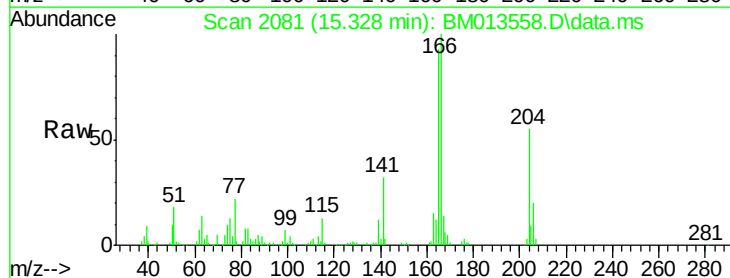
Tgt Ion:166 Resp: 180846

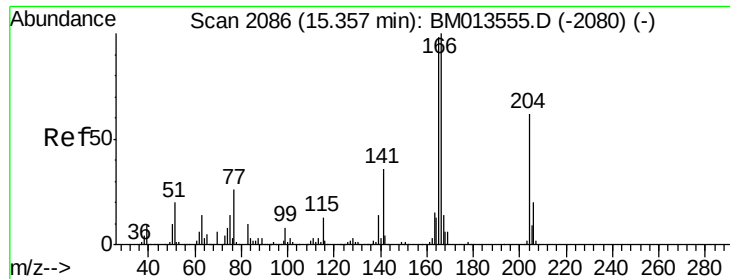
Ion Ratio Lower Upper

166 100

165 93.0 77.9 116.9

167 14.2 10.6 16.0

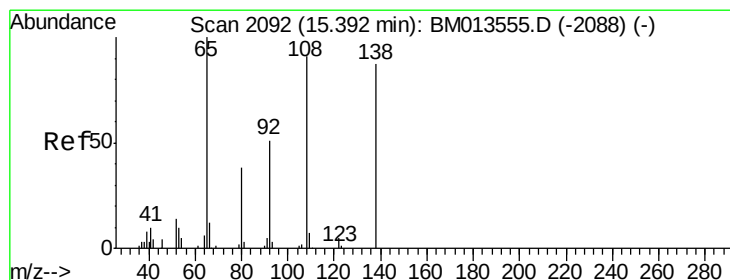
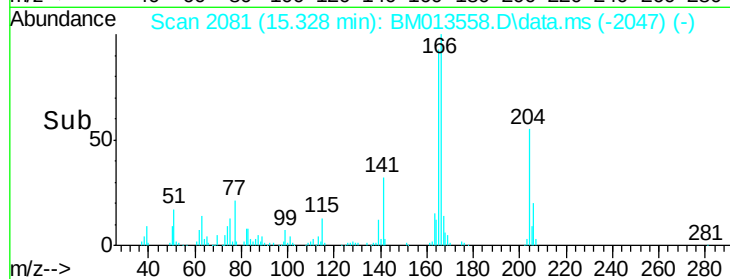
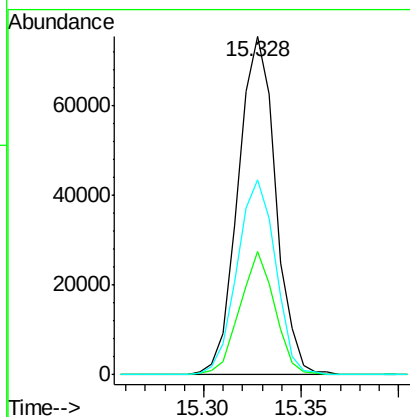
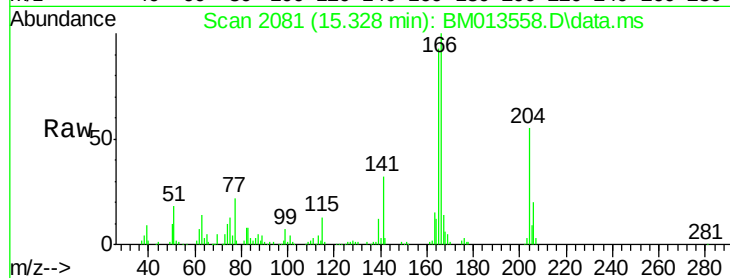




#59
4-Chlorophenyl-phenylether
Concen: 9.62 ng/ul
RT: 15.328 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM013558.D
Acq: 10 Jan 2018 09:49

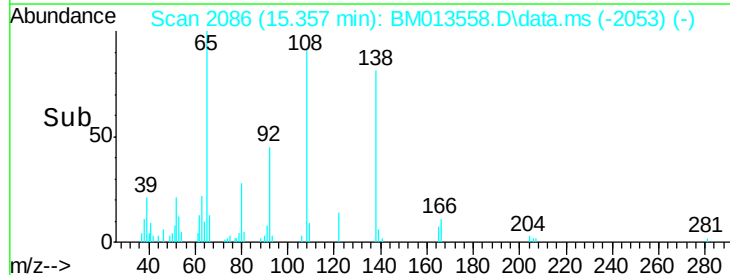
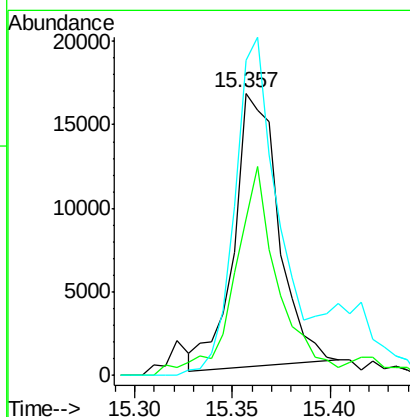
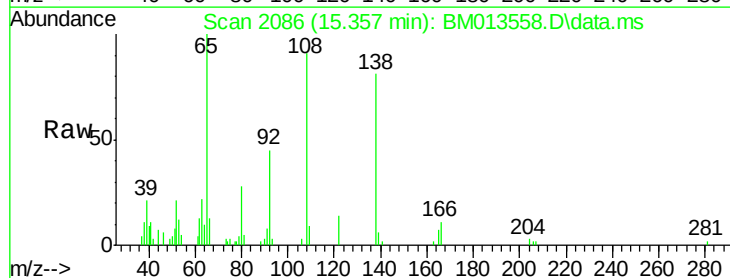
Instrument :
BNA_M
ClientSampleId :
SSTD01009

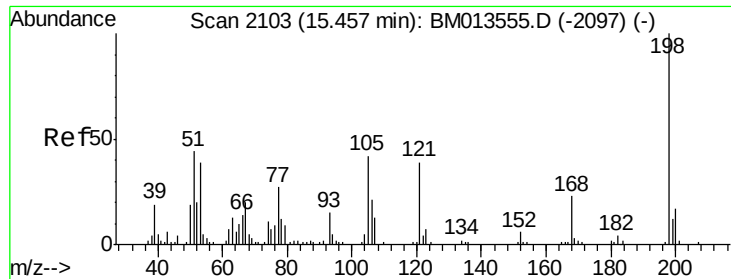
Tot Ion:204 Resp: 100382
Ion Ratio Lower Upper
204 100
206 36.3 24.8 37.2
141 57.6 44.3 66.5



#60
4-Nitroaniline
Concen: 6.25 ng/ul
RT: 15.357 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM013558.D
Acq: 10 Jan 2018 09:49

Tgt Ion:138 Resp: 26019
Ion Ratio Lower Upper
138 100
92 55.2 40.0 60.0
108 111.9 80.0 120.0

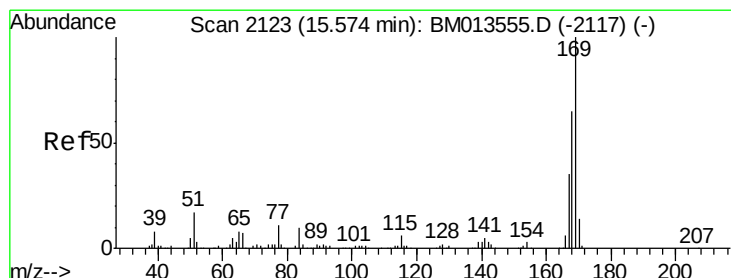
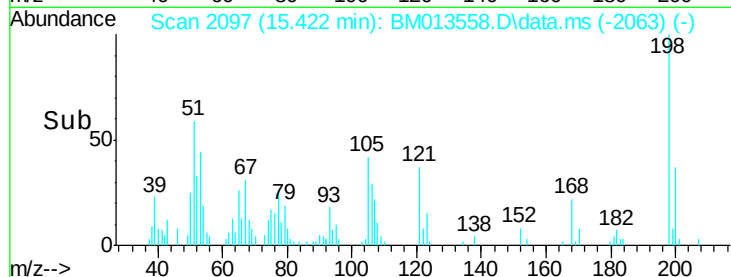
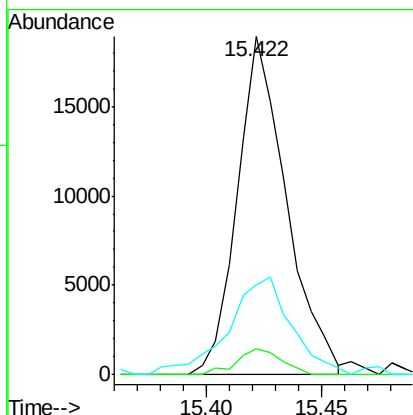
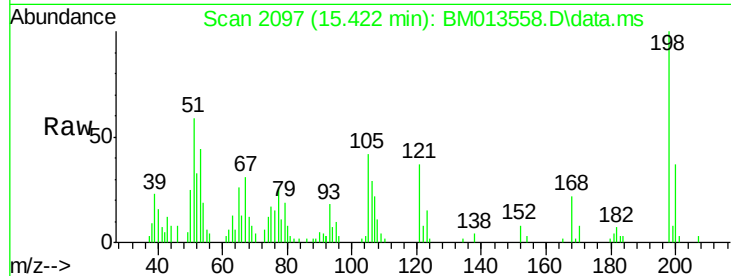




#63
 4,6-Dinitro-2-methylphenol
 Concen: 8.22 ng/ul
 RT: 15.422 min Scan# 2097
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

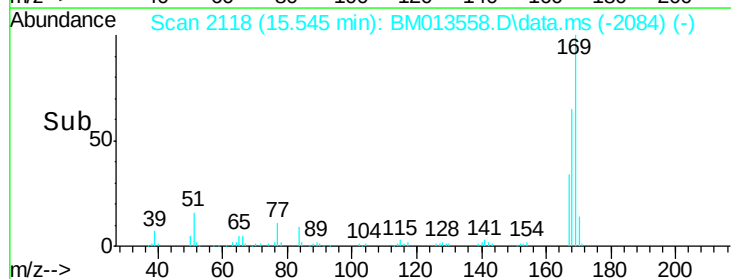
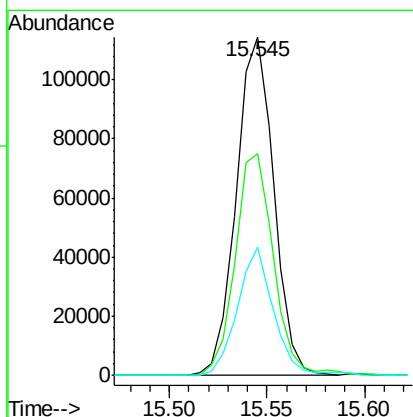
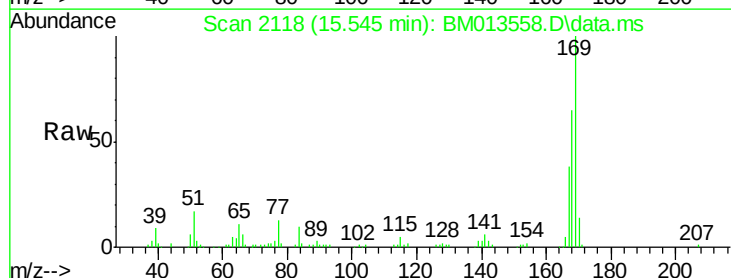
Instrument :
 BNA_M
 ClientSampleId :
 SST01009

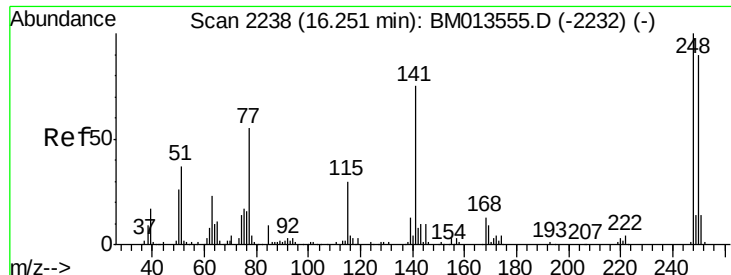
Tot Ion:198 Resp: 27921
 Ion Ratio Lower Upper
 198 100
 182 7.5 3.8 5.6#
 77 26.5 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 9.52 ng/ul
 RT: 15.545 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

Tgt Ion:169 Resp: 151532
 Ion Ratio Lower Upper
 169 100
 168 65.4 54.0 81.0
 167 37.9 29.1 43.7

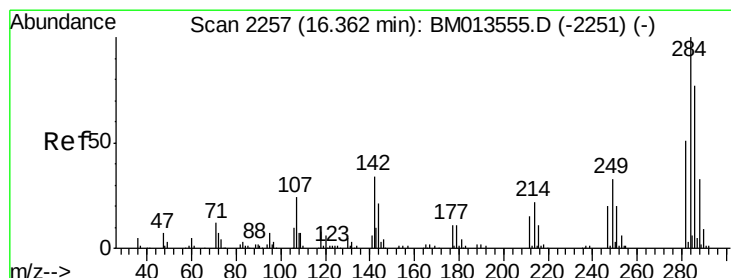
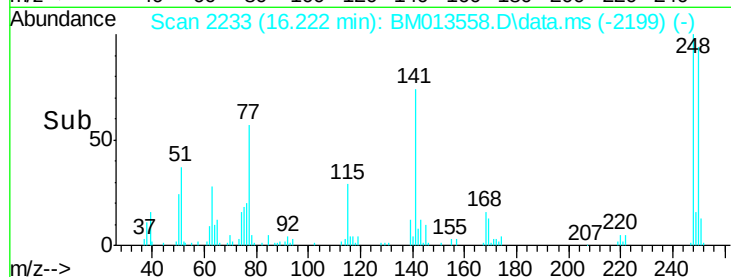
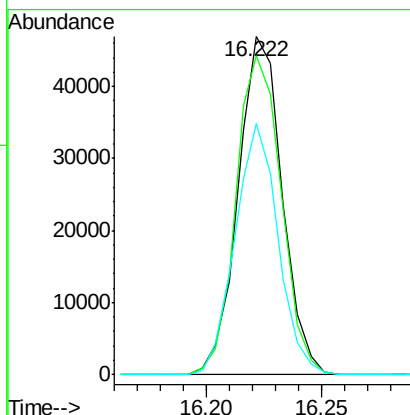
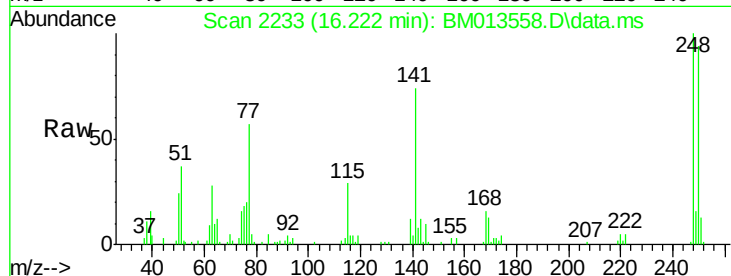




#65
 4-Bromophenyl-phenylether
 Concen: 9.83 ng/ul
 RT: 16.222 min Scan# 2238
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

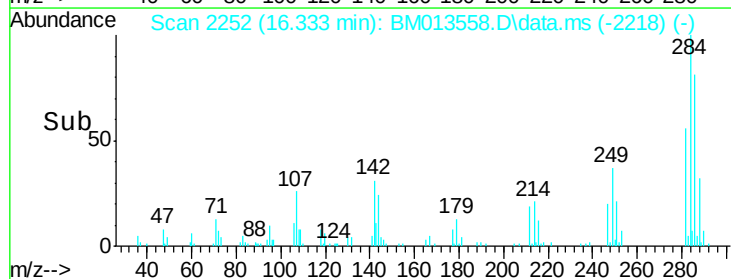
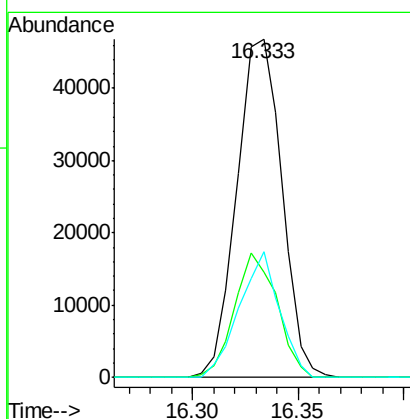
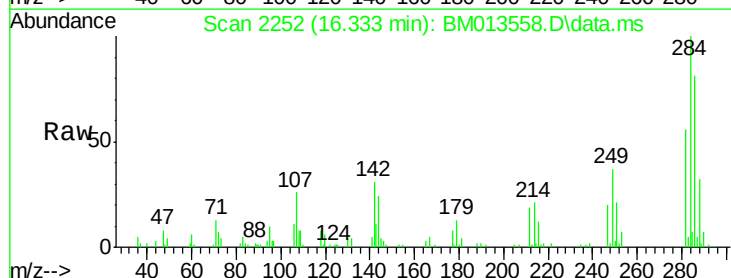
Instrument :
 BNA_M
 ClientSampleId :
 SSTD01009

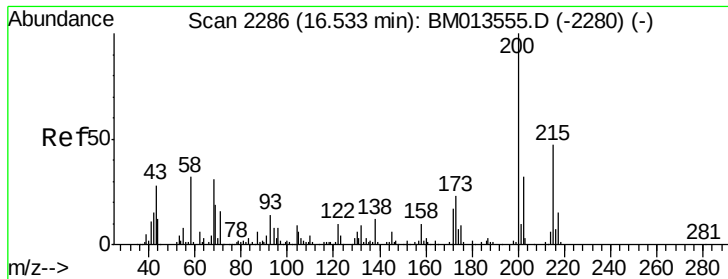
Tot Ion:248 Resp: 62475
 Ion Ratio Lower Upper
 248 100
 250 94.2 80.5 120.7
 141 74.2 53.6 80.4



#66
 Hexachlorobenzene
 Concen: 9.89 ng/ul
 RT: 16.333 min Scan# 2252
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

Tgt Ion:284 Resp: 69285
 Ion Ratio Lower Upper
 284 100
 142 31.2 21.2 31.8
 249 37.0 24.5 36.7#

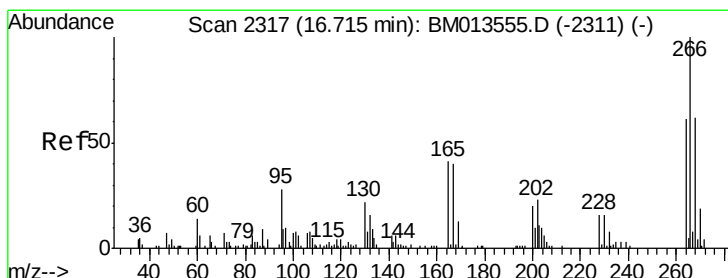
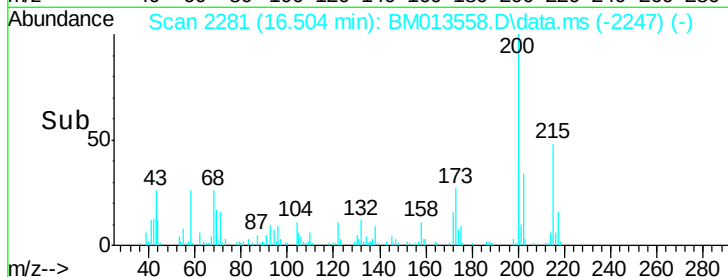
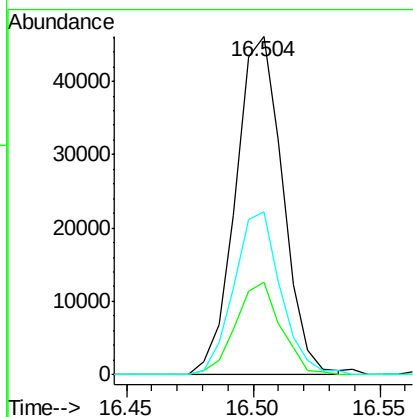
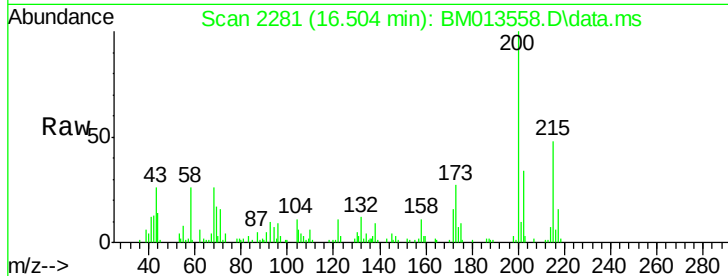




#67
 Atrazine
 Concen: 10.12 ng/ul
 RT: 16.504 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

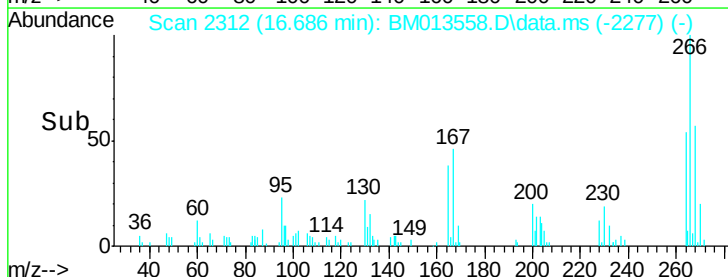
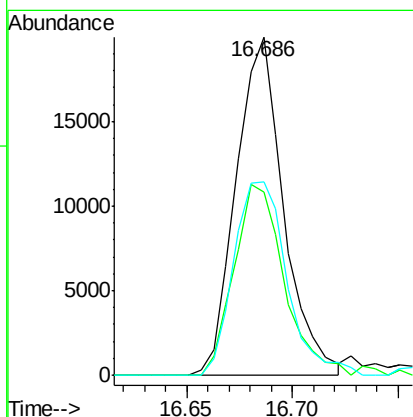
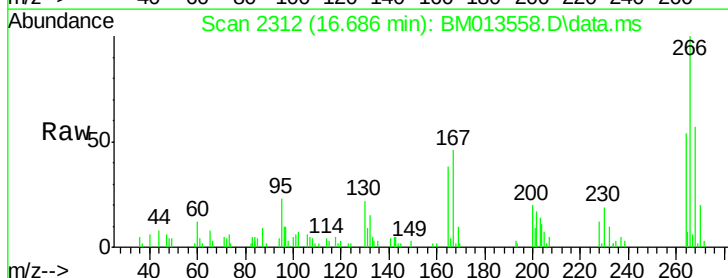
Instrument :
 BNA_M
 ClientSampleId :
 SST01009

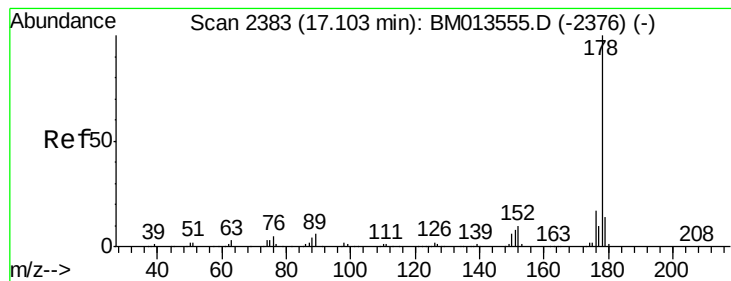
Tot Ion:200 Resp: 59474
 Ion Ratio Lower Upper
 200 100
 173 27.3 18.2 27.2#
 215 48.3 35.0 52.4



#68
 Pentachlorophenol
 Concen: 7.71 ng/ul
 RT: 16.686 min Scan# 2312
 Delta R.T. 0.006 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

Tgt Ion:266 Resp: 31254
 Ion Ratio Lower Upper
 266 100
 264 54.0 49.3 73.9
 268 58.7 52.6 78.8





#69

Phenanthrene

Concen: 9.66 ng/ul

RT: 17.069 min Scan# 23

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

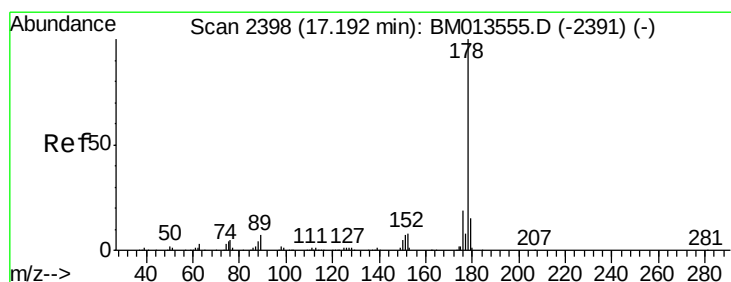
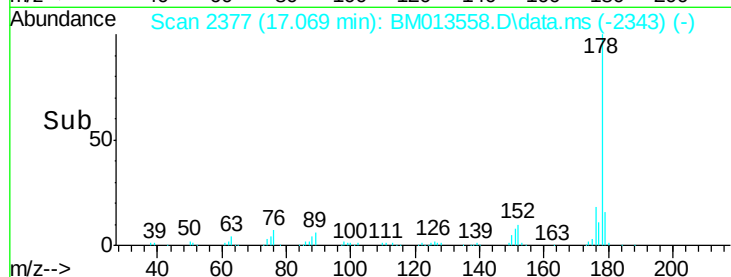
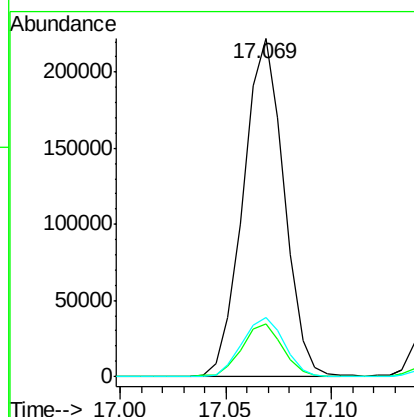
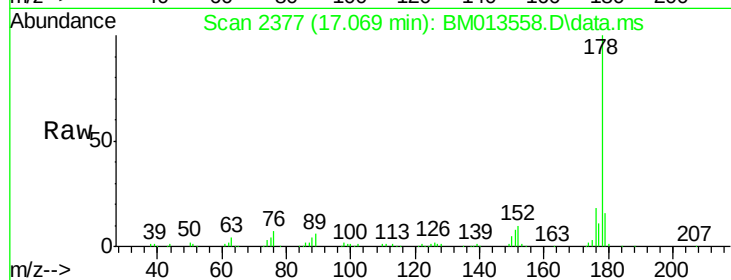
Tot Ion:178 Resp: 296463

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 17.6 14.9 22.3



#71

Anthracene

Concen: 9.71 ng/ul

RT: 17.157 min Scan# 2392

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

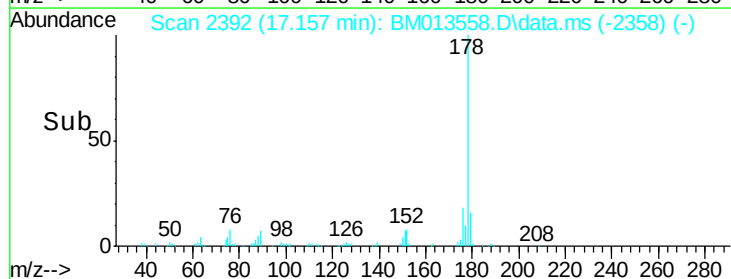
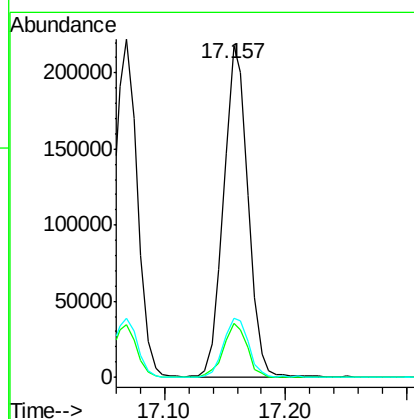
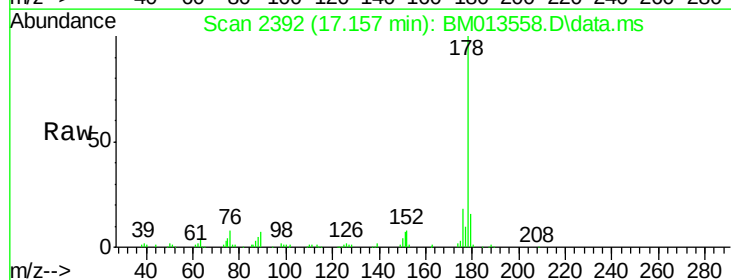
Tgt Ion:178 Resp: 304874

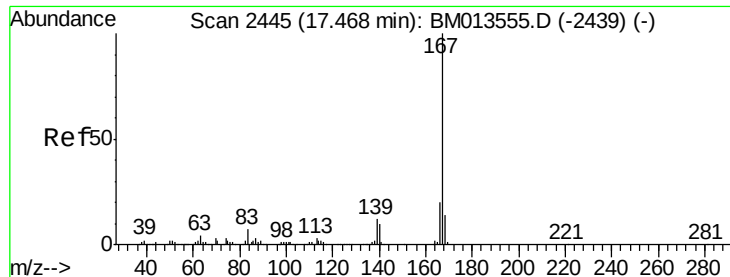
Ion Ratio Lower Upper

178 100

179 16.2 11.7 17.5

176 17.7 14.6 21.8

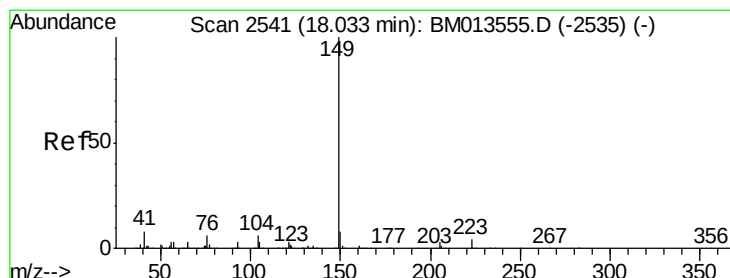
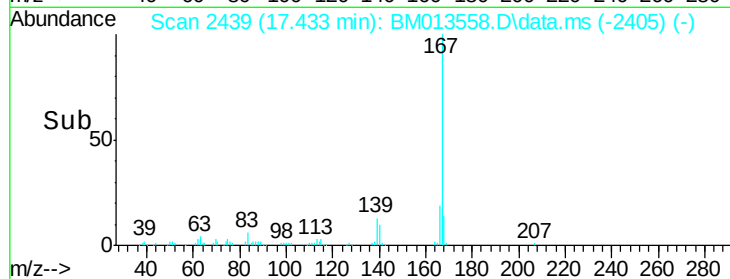
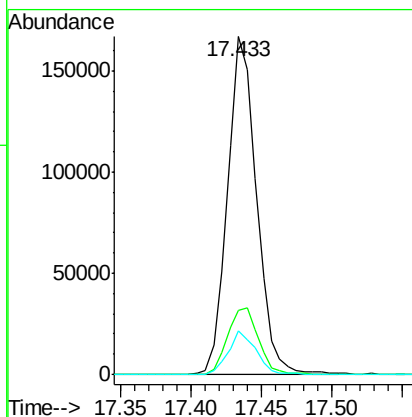
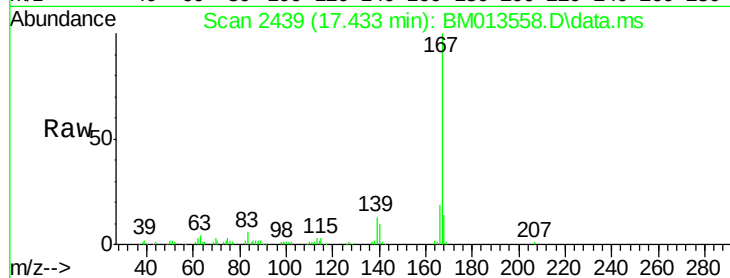




#72
 Carbazole
 Concen: 8.88 ng/ul
 RT: 17.433 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

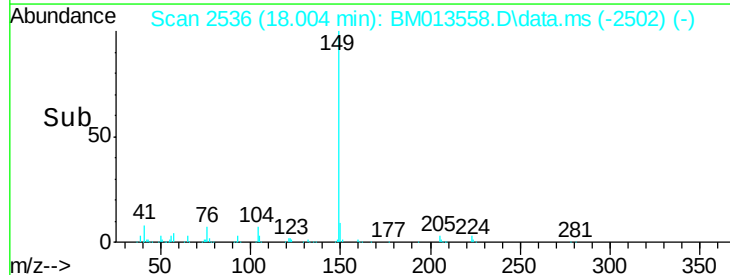
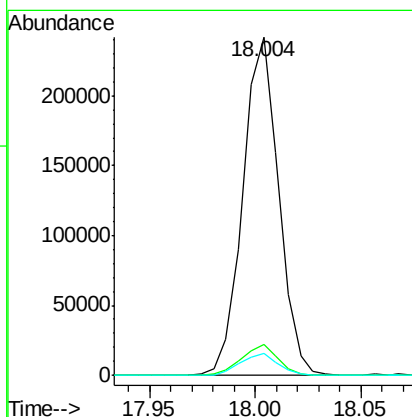
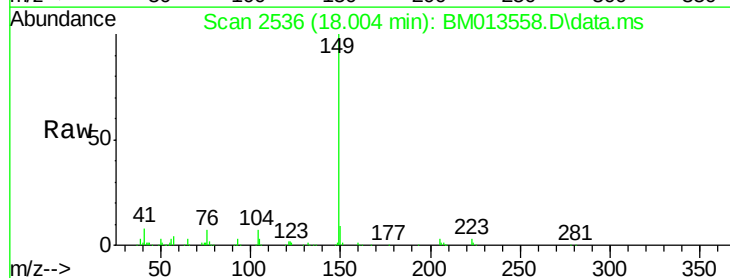
Instrument :
 BNA_M
 ClientSampleId :
 SSTD01009

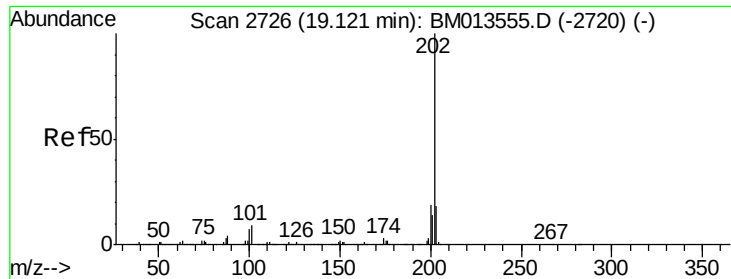
Tot Ion	Ratio	Lower	Upper
167	100		
166	18.9	17.1	25.7
139	13.1	10.0	15.0



#73
 Di-n-butylphthalate
 Concen: 9.02 ng/ul
 RT: 18.004 min Scan# 2536
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.1	10.7
104	6.7	5.6	8.4

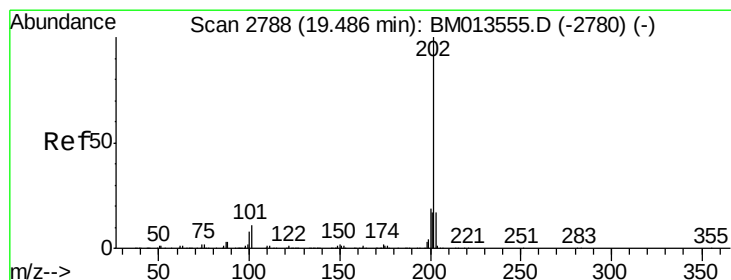
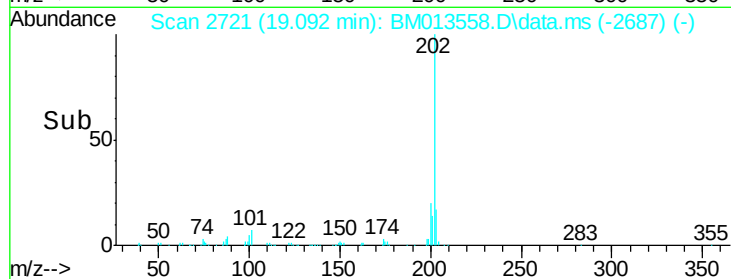
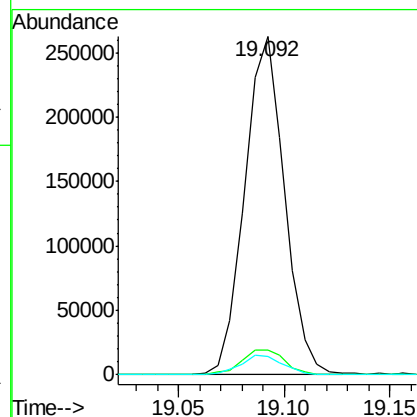
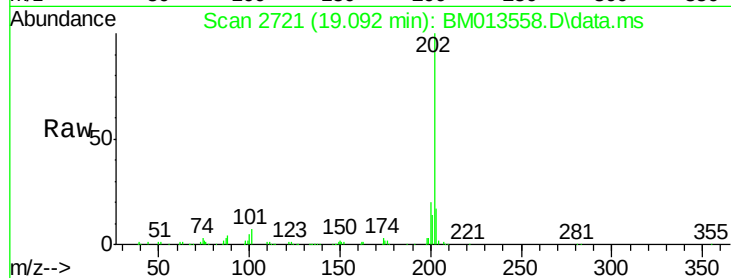




#74
 Fluoranthene
 Concen: 9.13 ng/ul
 RT: 19.092 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

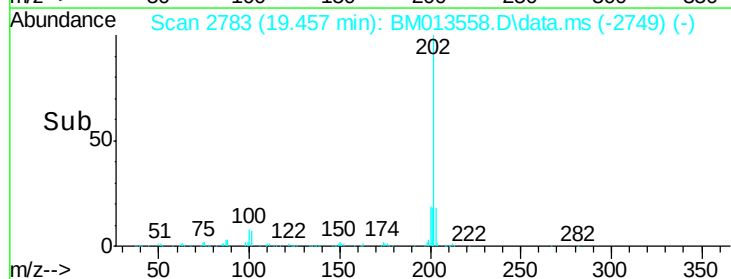
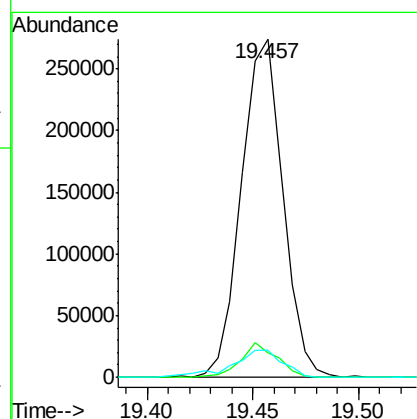
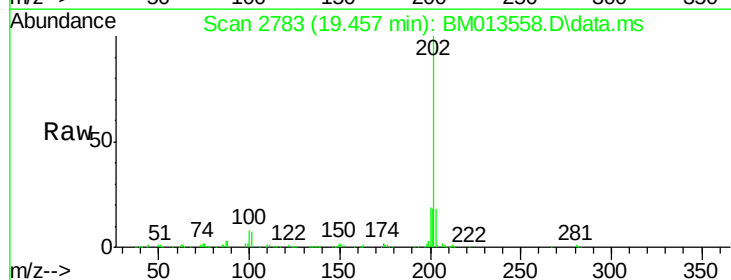
Instrument :
 BNA_M
 ClientSampleId :
 SSTD01009

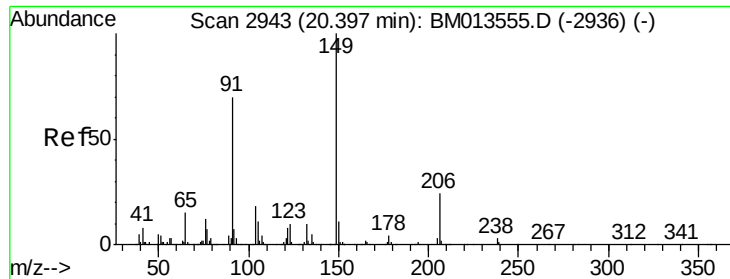
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	4.6	7.0#
100	5.5	3.4	5.2#



#77
 Pyrene
 Concen: 9.82 ng/ul
 RT: 19.457 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: BM013558.D
 Acq: 10 Jan 2018 09:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	5.1	7.7
100	7.8	4.9	7.3#

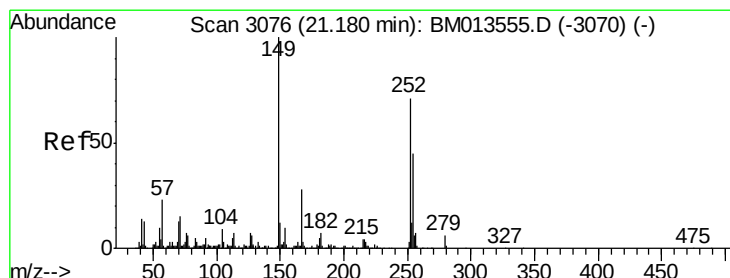
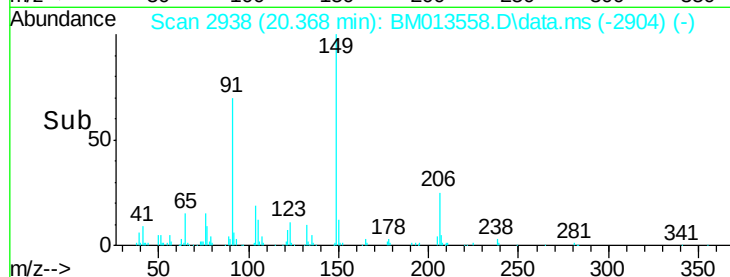
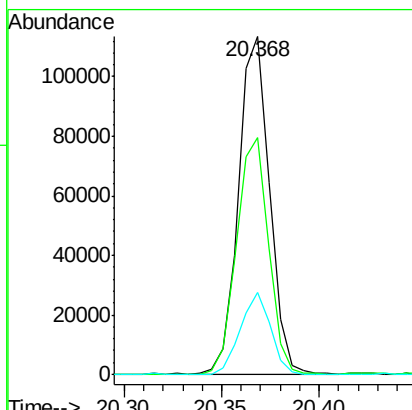
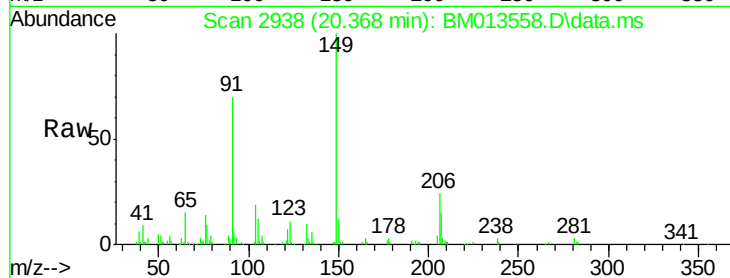




#78
Butylbenzylphthalate
Concen: 8.49 ng/ul
RT: 20.368 min Scan# 2943
Delta R.T. 0.000 min
Lab File: BM013558.D
Acq: 10 Jan 2018 09:49

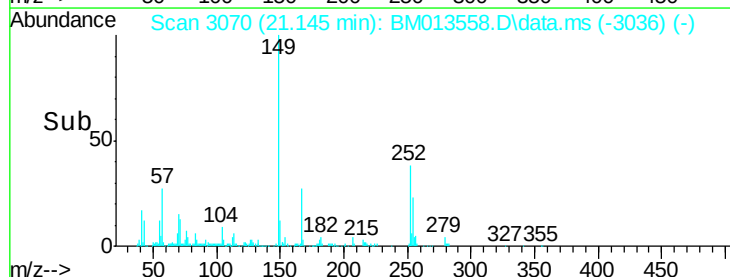
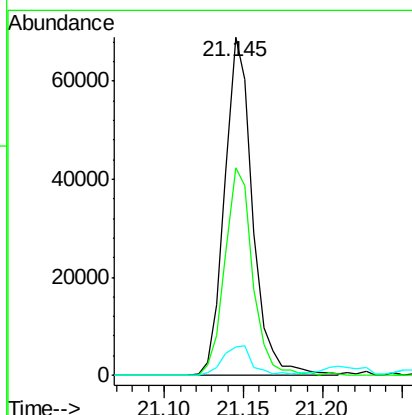
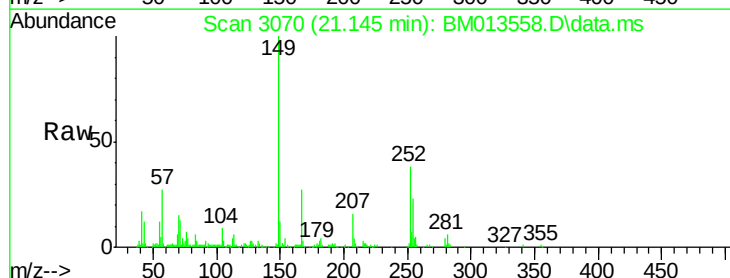
Instrument :
BNA_M
ClientSampleId :
SSTD01009

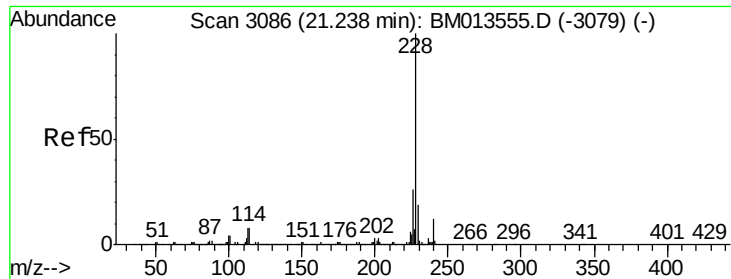
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	62.7	94.1
206	24.4	20.8	31.2



#79
3,3'-Dichlorobenzidine
Concen: 6.44 ng/ul
RT: 21.145 min Scan# 3070
Delta R.T. 0.000 min
Lab File: BM013558.D
Acq: 10 Jan 2018 09:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.3	54.5	81.7
126	8.4	5.8	8.8





#80

Benzo(a)anthracene

Concen: 9.45 ng/ul

RT: 21.204 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

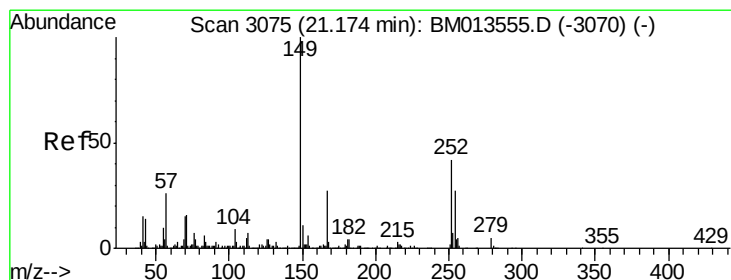
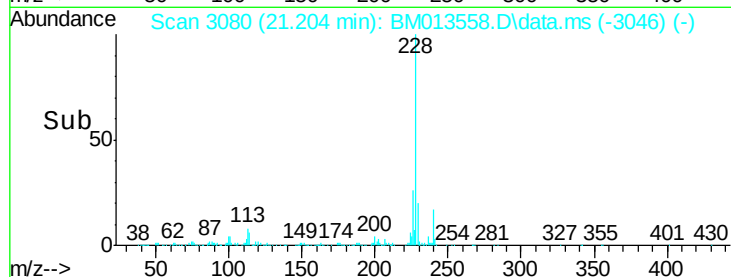
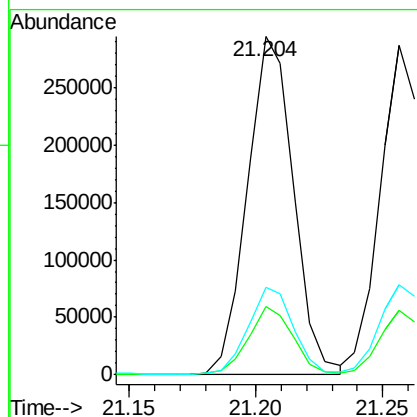
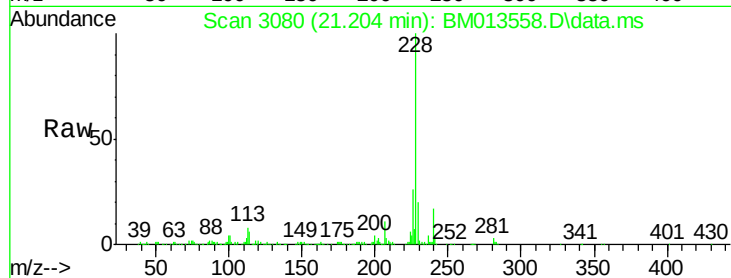
Tot Ion:228 Resp: 373647

Ion Ratio Lower Upper

228 100

229 20.1 15.4 23.0

226 25.7 21.4 32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 8.45 ng/ul

RT: 21.145 min Scan# 3070

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

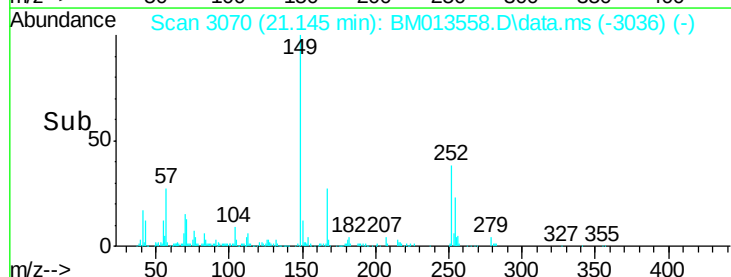
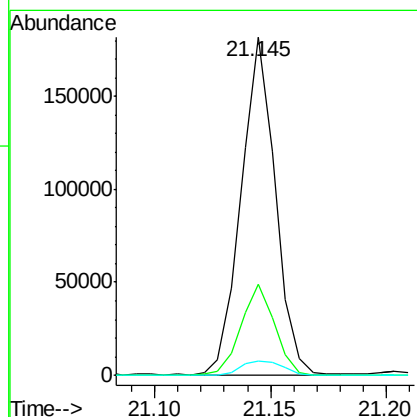
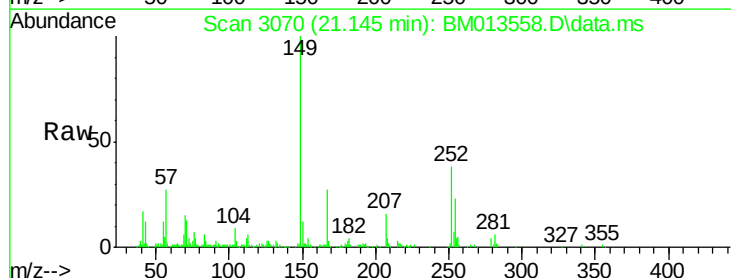
Tgt Ion:149 Resp: 188410

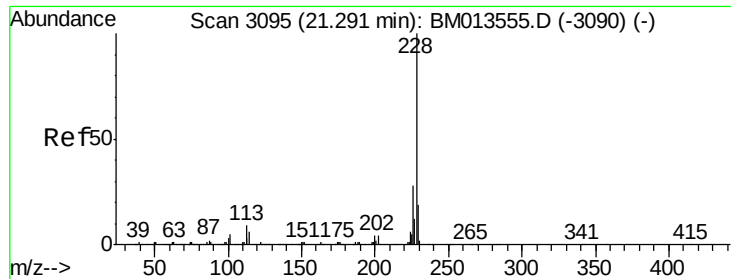
Ion Ratio Lower Upper

149 100

167 26.8 22.8 34.2

279 4.3 4.9 7.3#





#82

Chrysene

Concen: 9.50 ng/ul

RT: 21.257 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

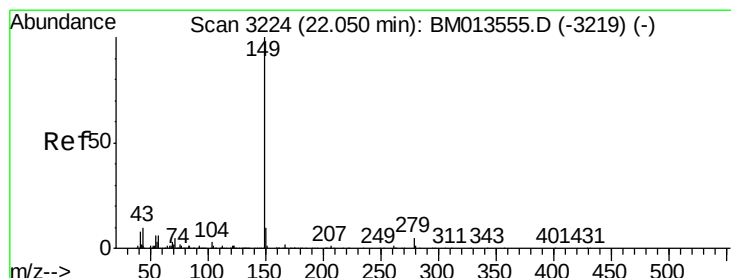
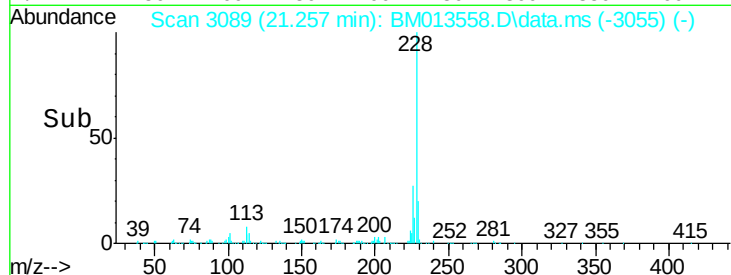
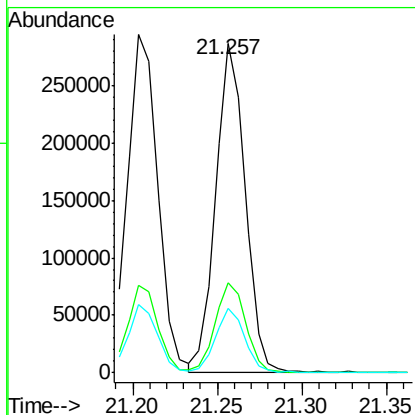
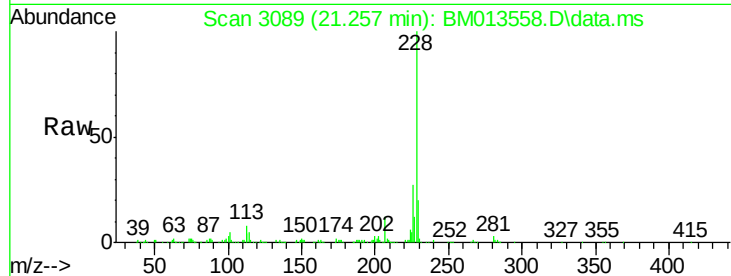
BNA_M

ClientSampleId :

SSTD01009

Tot Ion:228 Resp: 348577

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.4	35.2
229	19.6	15.5	23.3



#84

Di-n-octyl phthalate

Concen: 7.14 ng/ul

RT: 22.015 min Scan# 3218

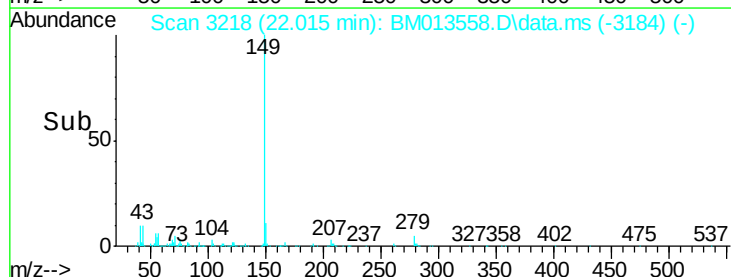
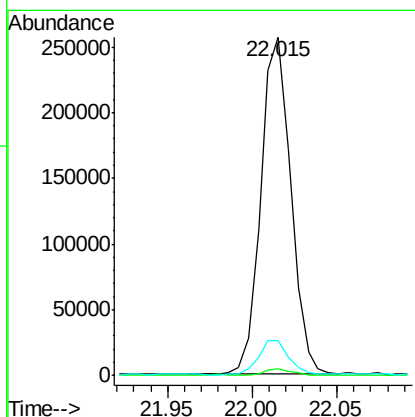
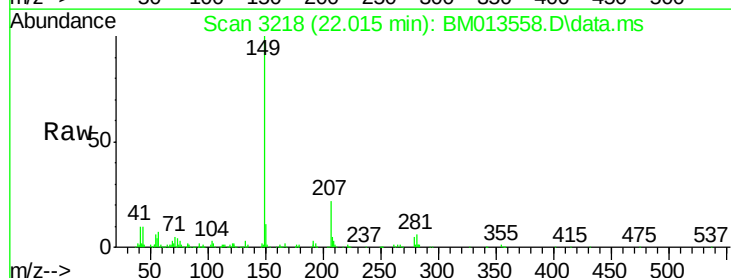
Delta R.T. 0.000 min

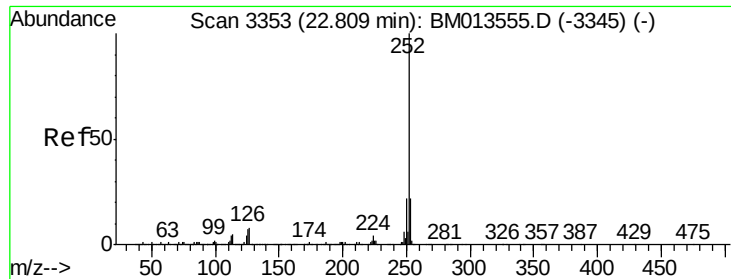
Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Tgt Ion:149 Resp: 316420

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	10.4	7.3	10.9





#85

Benzo(b)fluoranthene

Concen: 8.91 ng/ul

RT: 22.762 min Scan# 33

Delta R.T. -0.006 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

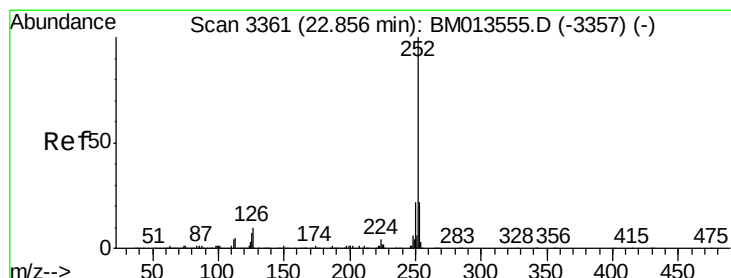
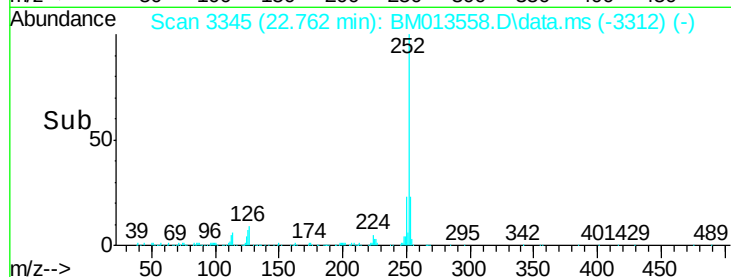
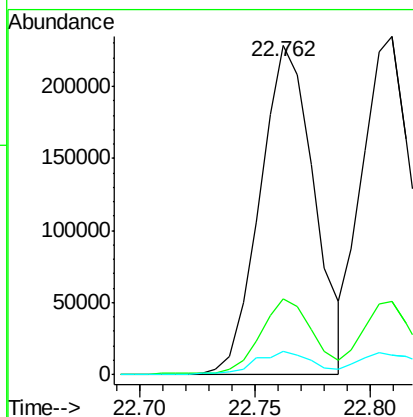
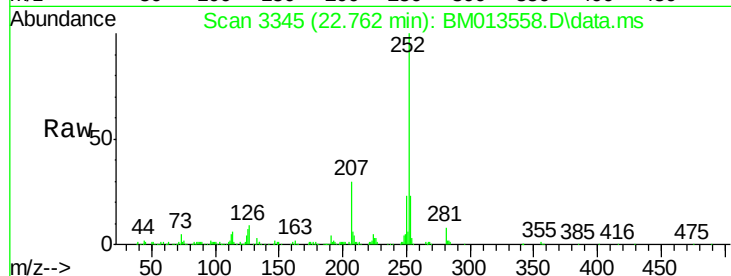
Tot Ion:252 Resp: 374438

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 7.0 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 9.10 ng/ul

RT: 22.809 min Scan# 3353

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

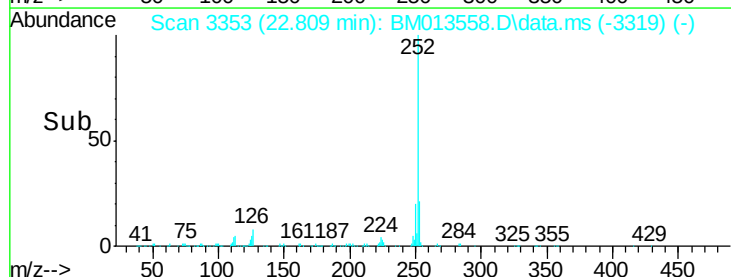
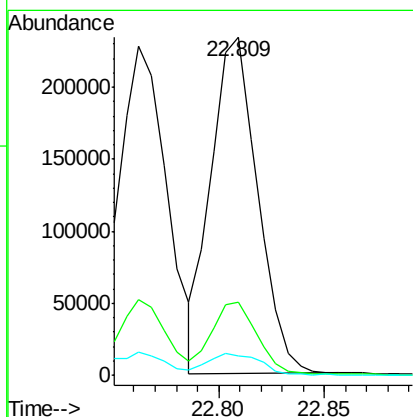
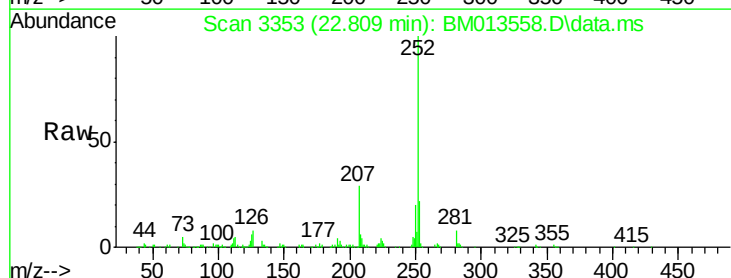
Tgt Ion:252 Resp: 359716

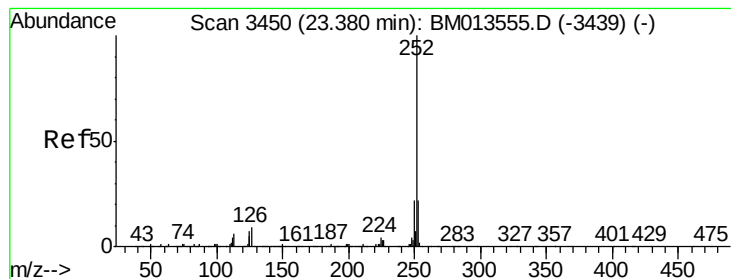
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 5.7 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 9.30 ng/ul

RT: 23.327 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

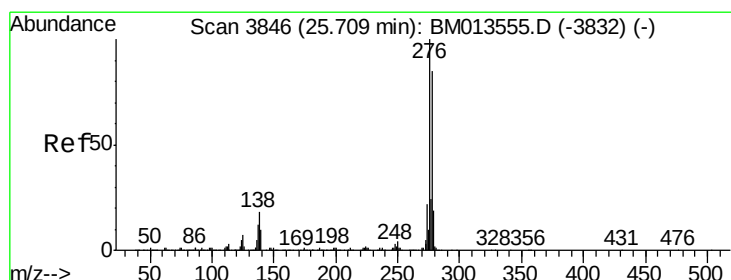
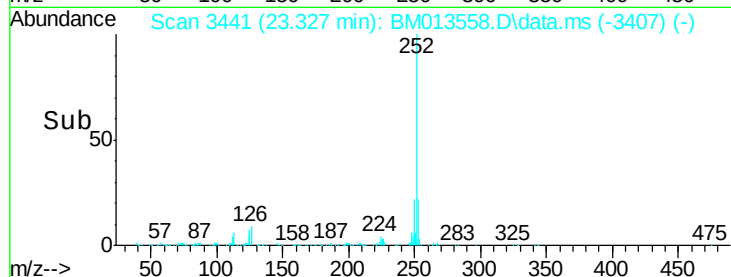
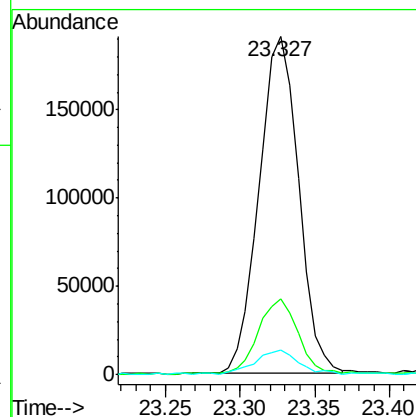
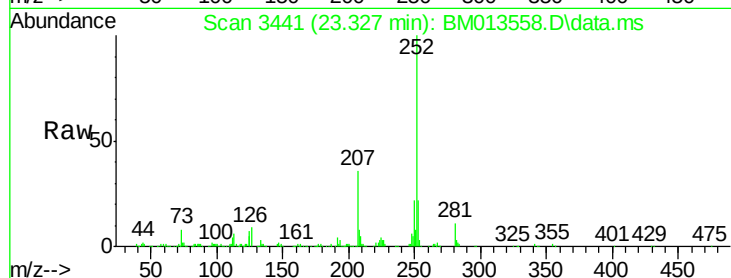
Tot Ion:252 Resp: 350940

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 7.3 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 11.17 ng/ul

RT: 25.627 min Scan# 3832

Delta R.T. -0.006 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

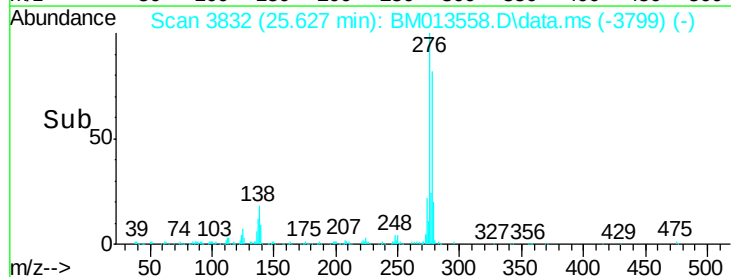
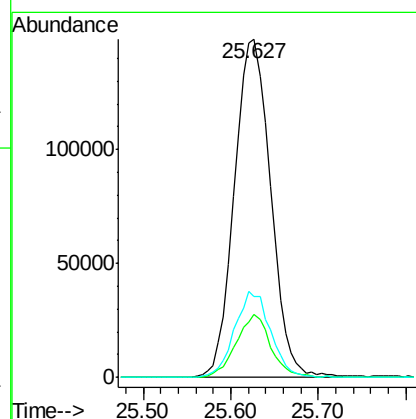
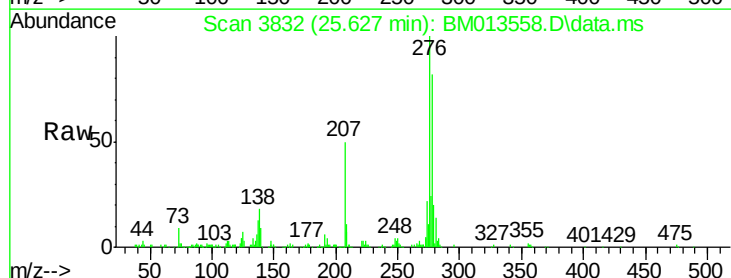
Tgt Ion:276 Resp: 418449

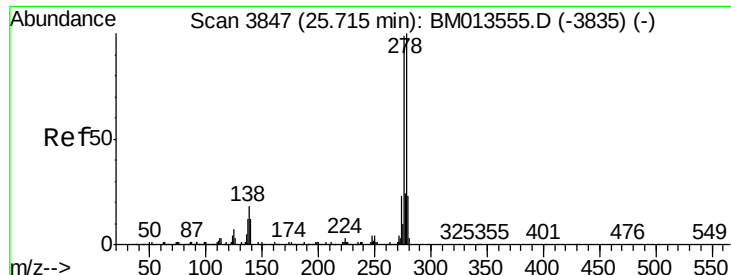
Ion Ratio Lower Upper

276 100

138 18.5 9.3 13.9#

277 23.8 19.9 29.9





#90

Dibenzo(a,h)anthracene

Concen: 11.20 ng/ul

RT: 25.633 min Scan# 38

Delta R.T. -0.006 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Instrument :

BNA_M

ClientSampleId :

SSTD01009

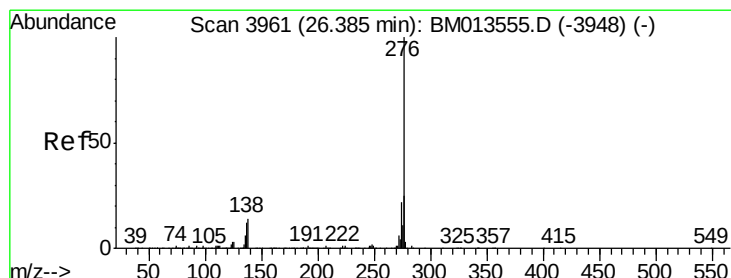
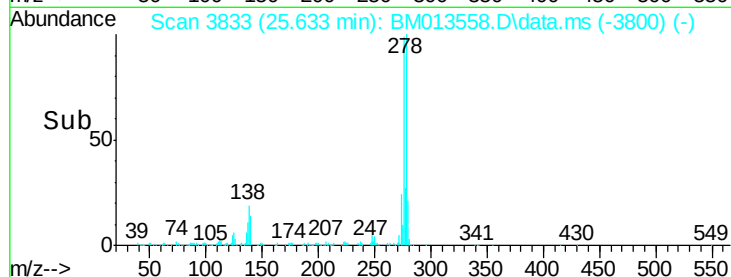
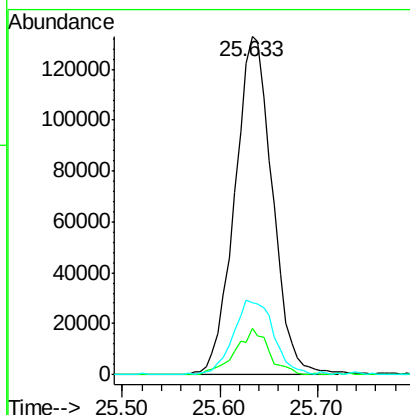
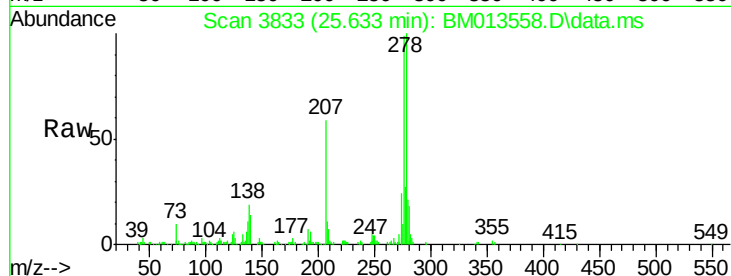
Tot Ion:278 Resp: 357163

Ion Ratio Lower Upper

278 100

139 13.7 5.8 8.8#

279 21.2 18.6 27.8



#91

Benzo(g,h,i)perylene

Concen: 11.85 ng/ul

RT: 26.292 min Scan# 3945

Delta R.T. -0.012 min

Lab File: BM013558.D

Acq: 10 Jan 2018 09:49

Tgt Ion:276 Resp: 350060

Ion Ratio Lower Upper

276 100

138 15.8 8.5 12.7#

277 22.3 18.6 28.0

