

Data Path : Z:\HPCHEM1\BNA M\Data\BM011018\
 Data File : BM013561.D
 Acq On : 10 Jan 2018 11:36
 Operator : SJ/JU
 Sample : SSTD08012
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08012

Quant Time: Jan 10 12:10:15 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	112005	20.00	ng/ul	0.00
18) Naphthalene-d8	10.404	136	448949	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.274	164	275764	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.027	188	648947	20.00	ng/ul	0.00
75) Chrysene-d12	21.227	240	742199	20.00	ng/ul	0.00
83) Perylene-d12	23.427	264	712822	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.163	96	81995	36.26	ng/uL	0.00
5) Phenol-d5	6.810	99	698404	72.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.975	67	413355	74.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.163	132	578168	76.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.345	113	537146	64.88	ng/ul	0.00
19) Nitrobenzene-d5	8.787	128	281832	79.16	ng/ul	0.01
22) 2-Nitrophenol-d4	9.498	143	306017	80.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.034	165	597152	76.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.551	131	545241	75.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.698	166	1823467	74.31	ng/ul	0.00
46) Acenaphthylene-d8	13.969	160	2330463	76.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.510	143	320683	75.21	ng/ul	0.01
57) Fluorene-d10	15.274	176	1603225	75.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.416	200	349298	85.56	ng/ul	0.00
70) Anthracene-d10	17.127	188	2569781	79.07	ng/ul	0.00
76) Pyrene-d10	19.427	212	2843495	76.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.291	264	2679985	73.81	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.199	88	87275	34.38	ng/uL#	63
4) Benzaldehyde	6.781	77	453700	94.62	ng/ul	91
6) Phenol	6.840	94	697581	72.82	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.063	93	535839	73.16	ng/ul	98
10) 2-Chlorophenol	7.198	128	567541	76.43	ng/ul	96
11) 2-Methylphenol	8.075	108	529131	71.42	ng/ul	96
12) 2,2'-oxybis(1-Chloropr...	8.163	45	546807	71.10	ng/ul#	83
14) Acetophenone	8.451	105	893842	71.00	ng/ul	92
15) N-Nitroso-di-n-propyla...	8.445	70	453740	71.55	ng/ul#	71
16) 4-Methylphenol	8.410	108	555773	70.15	ng/ul	95
17) Hexachloroethane	8.692	117	255038	78.89	ng/ul	80
20) Nitrobenzene	8.828	77	705315	78.64	ng/ul	95
21) Isophorone	9.357	82	1176827	74.57	ng/ul#	94
23) 2-Nitrophenol	9.534	139	322428	81.62	ng/ul#	82
24) 2,4-Dimethylphenol	9.598	107	650029	75.45	ng/ul#	87
25) Bis(2-Chloroethoxy)met...	9.834	93	708041	76.66	ng/ul	95
27) 2,4-Dichlorophenol	10.063	162	577714	79.65	ng/ul#	91
28) Naphthalene	10.457	128	1836434	79.51	ng/ul	99
30) 4-Chloroaniline	10.575	127	558509	79.94	ng/ul	97
31) Hexachlorobutadiene	10.733	225	426285	81.14	ng/ul	95
32) Caprolactam	11.375	113	102596	44.26	ng/ul#	37
33) 4-Chloro-3-methylphenol	11.716	107	603751	75.88	ng/ul	97
34) 2-Methylnaphthalene	12.075	142	1362012	78.44	ng/ul	97

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

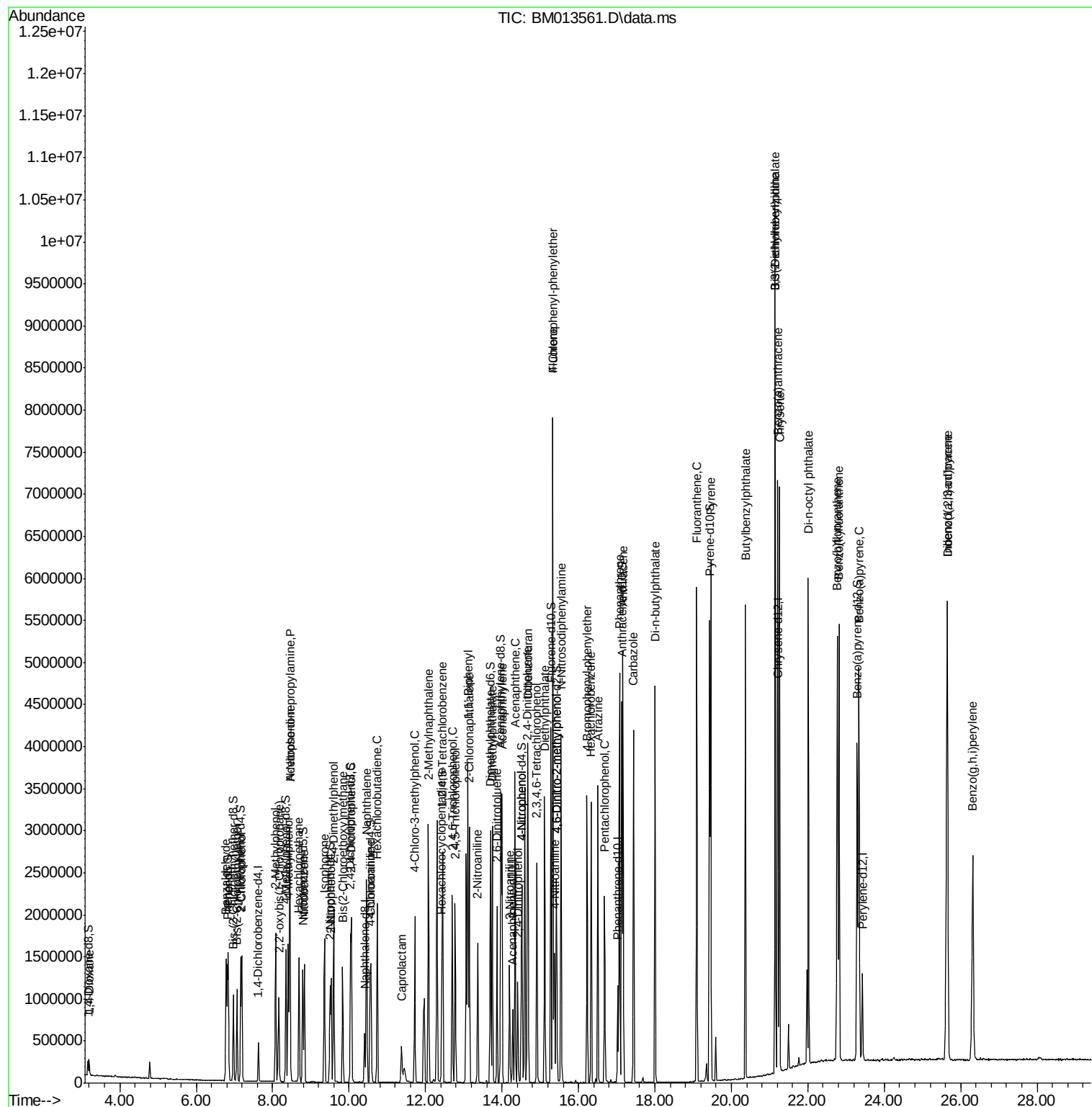
36) 1,2,4,5-Tetrachloroben...	12.451	216	786303	79.02	ng/ul	97
37) Hexachlorocyclopentadiene	12.422	237	366839	56.01	ng/ul	98
38) 2,4,6-Trichlorophenol	12.704	196	504738	81.36	ng/ul	97
39) 2,4,5-Trichlorophenol	12.775	196	504473	76.56	ng/ul	97
40) 1,1'-Biphenyl	13.104	154	1821851	78.17	ng/ul	99
41) 2-Chloronaphthalene	13.145	162	1414664	77.37	ng/ul	99
42) 2-Nitroaniline	13.363	65	430840	80.43	ng/ul	98
44) Dimethylphthalate	13.745	163	1769873	75.41	ng/ul	99
45) 2,6-Dinitrotoluene	13.869	165	367746	76.82	ng/ul	96
47) Acenaphthylene	13.998	152	2136226	76.23	ng/ul	99
48) 3-Nitroaniline	14.198	138	287286	67.14	ng/ul	94
49) Acenaphthene	14.345	153	1458034	76.38	ng/ul	98
50) 2,4-Dinitrophenol	14.410	184	231911	87.55	ng/ul#	89
52) 4-Nitrophenol	14.521	109	317429	75.89	ng/ul#	81
53) Dibenzofuran	14.680	168	2163699	76.78	ng/ul	99
54) 2,4-Dinitrotoluene	14.663	165	559605	80.36	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.910	232	491321	81.32	ng/ul#	90
56) Diethylphthalate	15.116	149	1822806	77.43	ng/ul	94
58) Fluorene	15.333	166	1840032	78.92	ng/ul	96
59) 4-Chlorophenyl-phenyle...	15.327	204	962584	76.07	ng/ul	97
60) 4-Nitroaniline	15.374	138	348978	69.13	ng/ul	98
63) 4,6-Dinitro-2-methylph...	15.433	198	353741	86.71	ng/ul#	91
64) N-Nitrosodiphenylamine	15.551	169	1540225	80.57	ng/ul	99
65) 4-Bromophenyl-phenylether	16.227	248	614343	80.53	ng/ul	99
66) Hexachlorobenzene	16.333	284	648791	77.12	ng/ul#	92
67) Atrazine	16.510	200	622133	88.17	ng/ul	93
68) Pentachlorophenol	16.686	266	374232	76.91	ng/ul	98
69) Phenanthrene	17.074	178	2895283	78.53	ng/ul	98
71) Anthracene	17.162	178	2983239	79.16	ng/ul	99
72) Carbazole	17.439	167	2511779	77.49	ng/ul	99
73) Di-n-butylphthalate	18.004	149	3172711	83.84	ng/ul	98
74) Fluoranthene	19.092	202	3516525	77.83	ng/ul#	91
77) Pyrene	19.462	202	3613179	80.13	ng/ul#	91
78) Butylbenzylphthalate	20.368	149	1454511	82.56	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.150	252	1046709	67.09	ng/ul	97
80) Benzo(a)anthracene	21.209	228	3591669	76.27	ng/ul	99
81) Bis(2-ethylhexyl)phtha...	21.145	149	2171604	81.78	ng/ul#	97
82) Chrysene	21.262	228	3200168	73.25	ng/ul	99
84) Di-n-octyl phthalate	22.015	149	3562198	70.28	ng/ul	98
85) Benzo(b)fluoranthene	22.774	252	3526542	73.39	ng/ul#	99
86) Benzo(k)fluoranthene	22.815	252	3392500	75.02	ng/ul#	96
88) Benzo(a)pyrene	23.339	252	3318024	76.87	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.644	276	3792606	88.55	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.656	278	3217681	88.23	ng/ul#	96
91) Benzo(g,h,i)perylene	26.315	276	3117592	92.28	ng/ul#	95

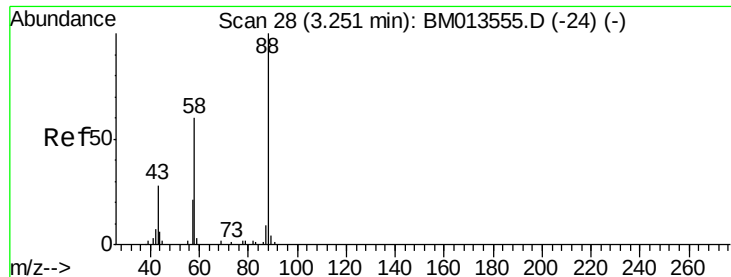
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 34.38 ng/uL

RT: 3.199 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

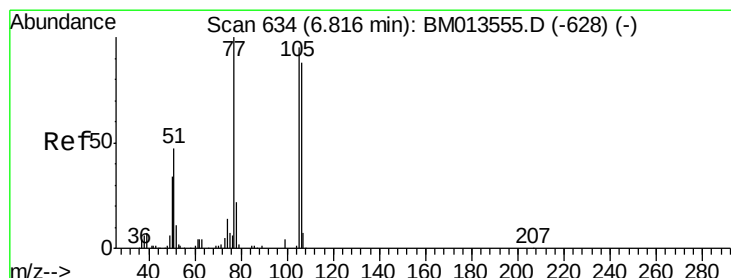
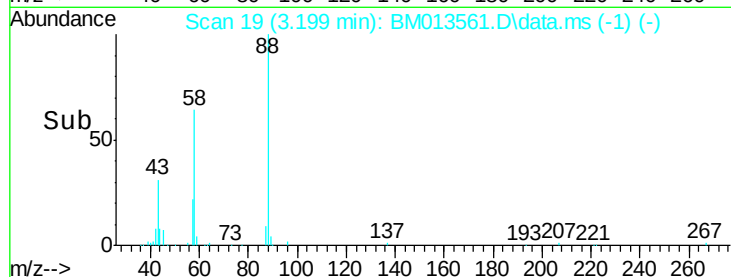
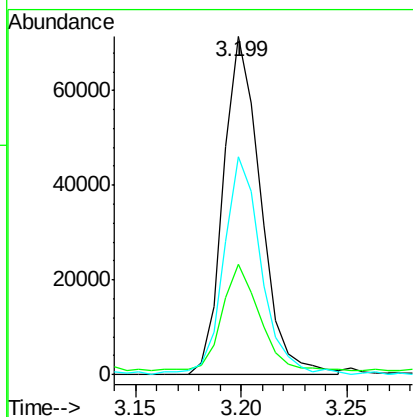
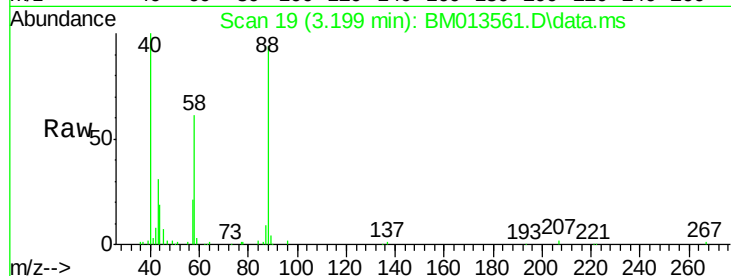
Tot Ion: 88 Resp: 87275

Ion Ratio Lower Upper

88 100

43 32.1 48.0 72.0#

58 63.5 80.0 120.0#



#4

Benzaldehyde

Concen: 94.62 ng/uL

RT: 6.781 min Scan# 628

Delta R.T. -0.000 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

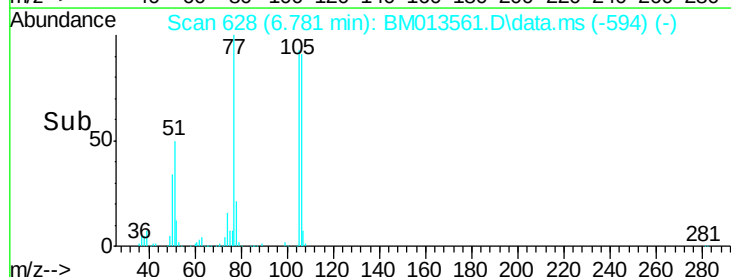
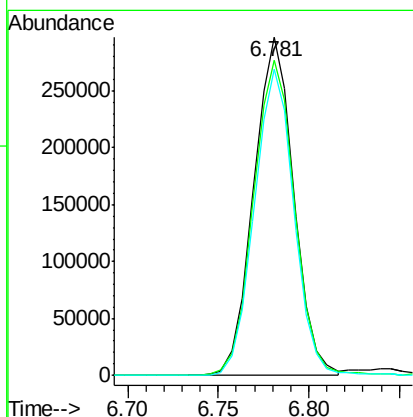
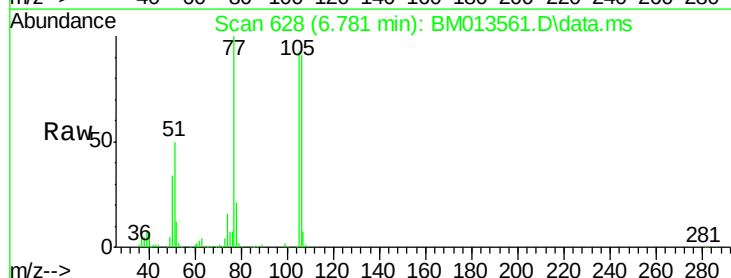
Tgt Ion: 77 Resp: 453700

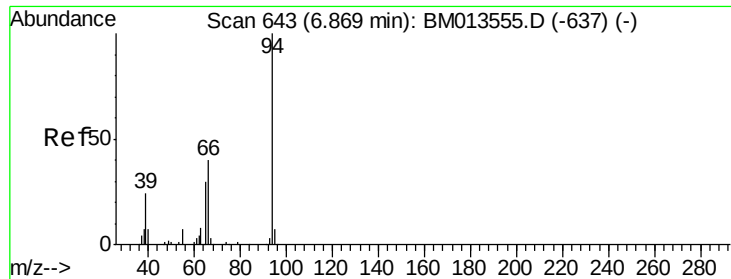
Ion Ratio Lower Upper

77 100

105 93.4 66.1 99.1

106 90.7 67.8 101.6





#6

Phenol

Concen: 72.82 ng/ul

RT: 6.840 min Scan# 63

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

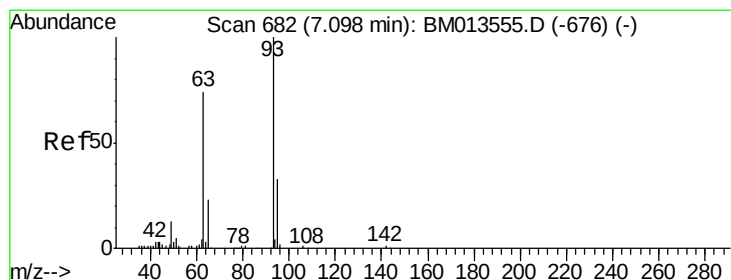
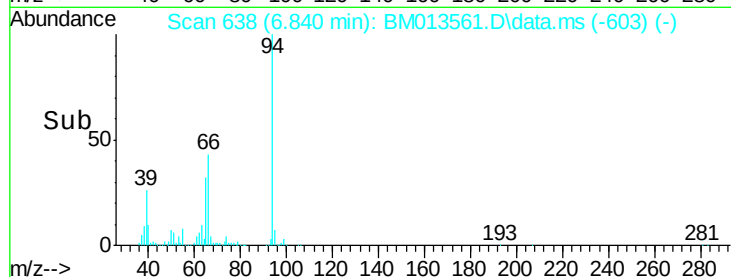
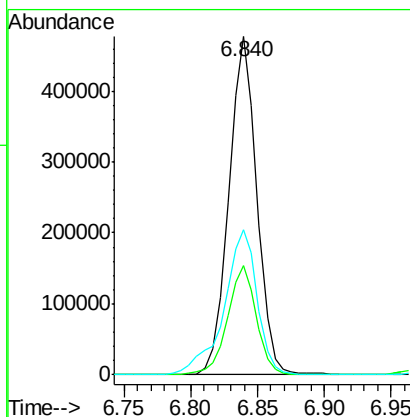
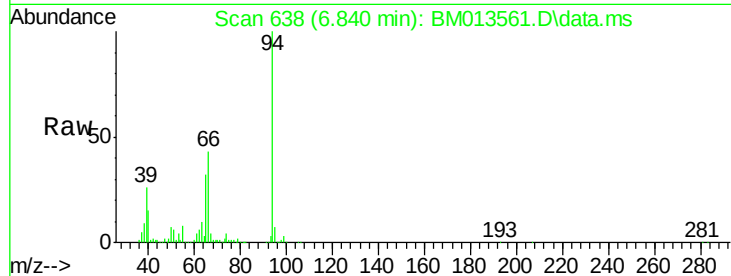
Tot Ion: 94 Resp: 697581

Ion Ratio Lower Upper

94 100

65 32.3 28.2 42.4

66 42.7 47.2 70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 73.16 ng/ul

RT: 7.063 min Scan# 676

Delta R.T. -0.000 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

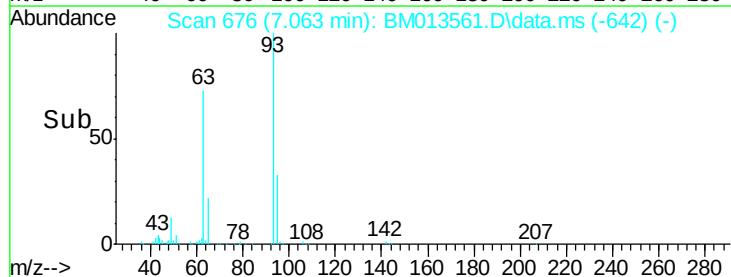
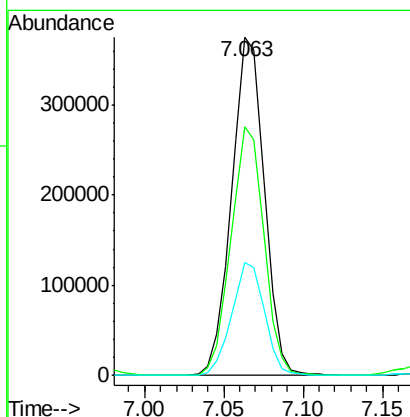
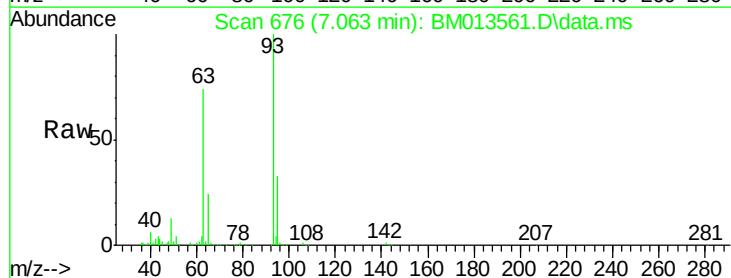
Tgt Ion: 93 Resp: 535839

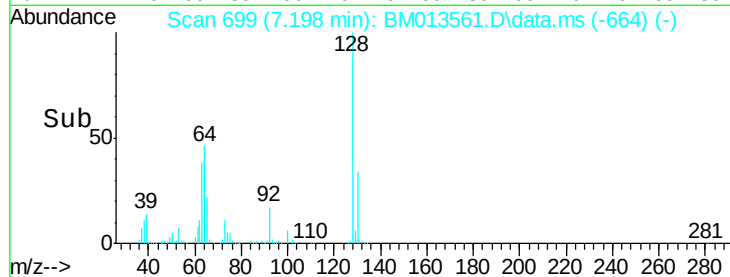
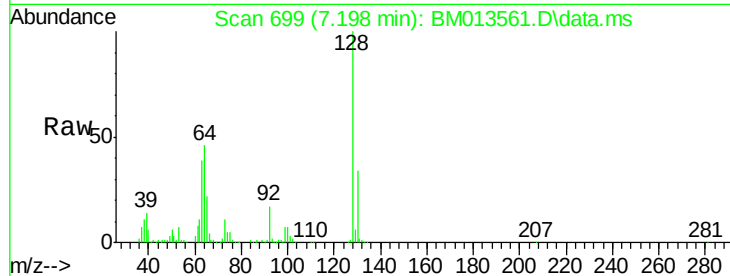
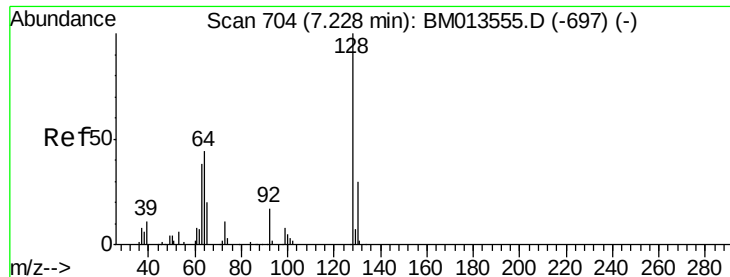
Ion Ratio Lower Upper

93 100

63 73.5 57.3 85.9

95 33.3 26.6 39.8

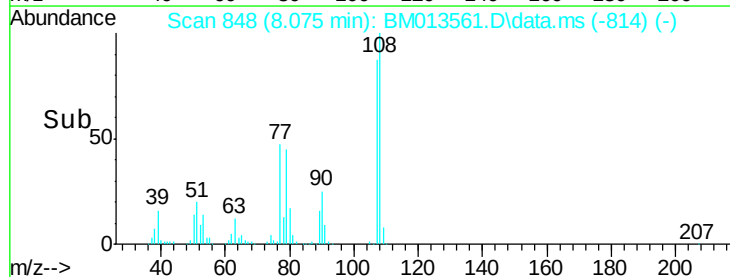
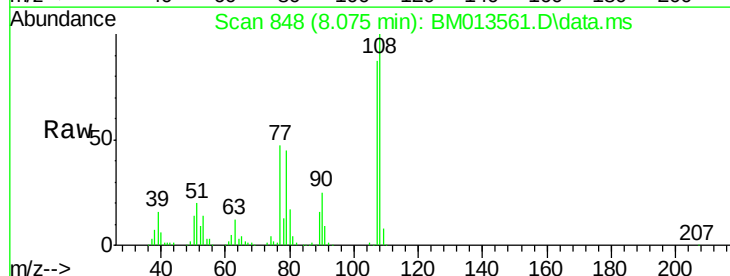
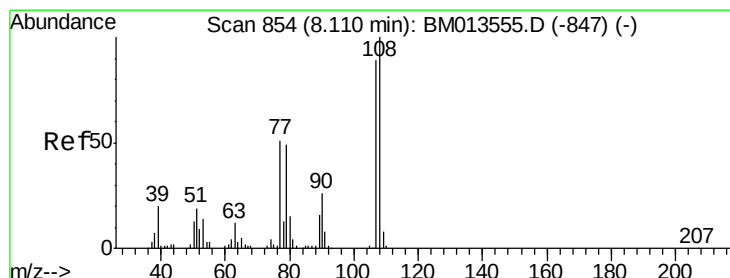
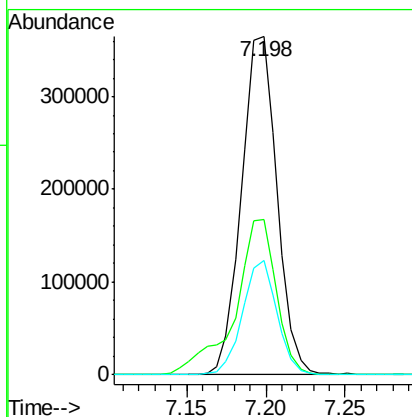




#10
2-Chlorophenol
Concen: 76.43 ng/ul
RT: 7.198 min Scan# 69
Delta R.T. 0.006 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

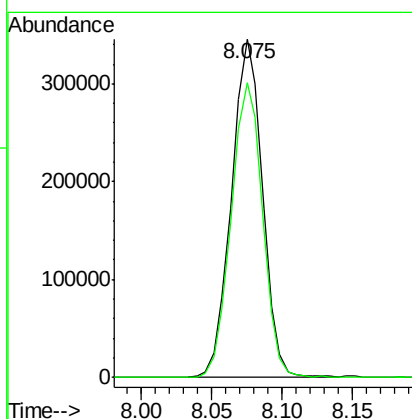
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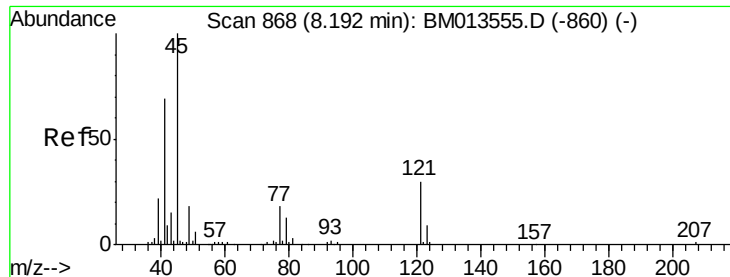
Tot Ion	Ratio	Lower	Upper
128	100		
64	45.8	38.0	57.0
130	33.9	24.4	36.6



#11
2-Methylphenol
Concen: 71.42 ng/ul
RT: 8.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

Tgt Ion	Ratio	Lower	Upper
108	100		
107	87.0	72.6	108.8

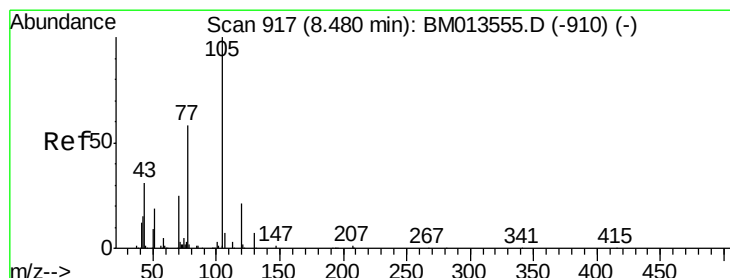
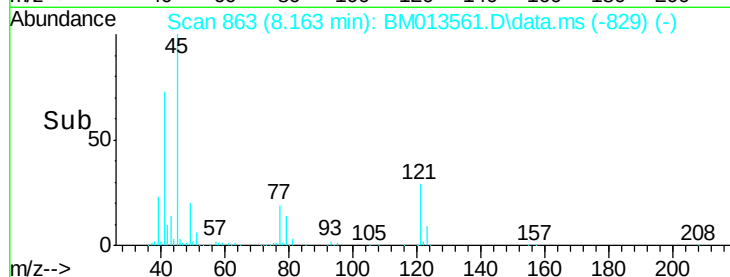
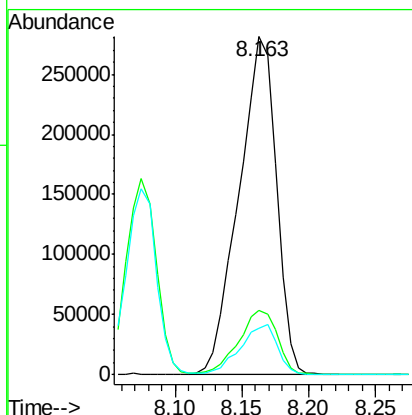
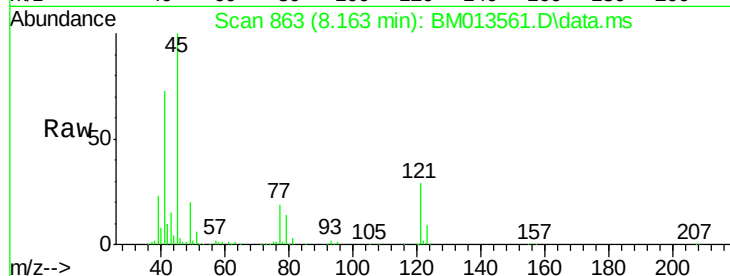




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 71.10 ng/ul
RT: 8.163 min Scan# 86
Delta R.T. -0.000 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

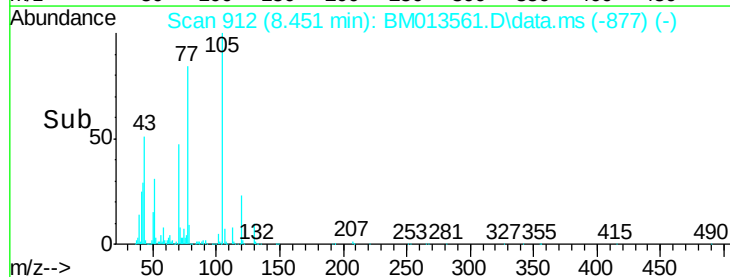
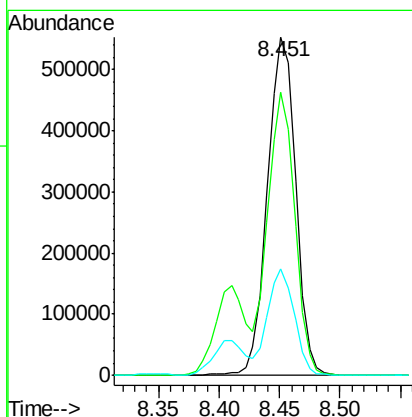
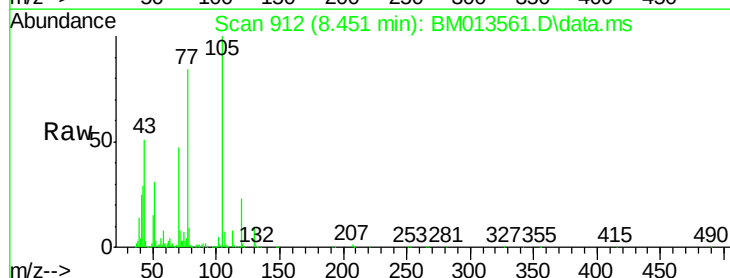
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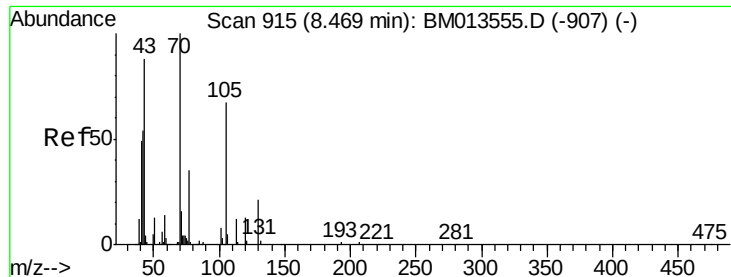
Tot Ion: 45 Resp: 546807
Ion Ratio Lower Upper
45 100
77 19.1 8.0 12.0#
79 13.6 8.0 12.0#



#14
Acetophenone
Concen: 71.00 ng/ul
RT: 8.451 min Scan# 912
Delta R.T. 0.006 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

Tgt Ion: 105 Resp: 893842
Ion Ratio Lower Upper
105 100
77 83.9 74.2 111.4
51 31.3 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 71.55 ng/ul

RT: 8.445 min Scan# 91

Delta R.T. 0.012 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

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Tot Ion: 70 Resp: 453740

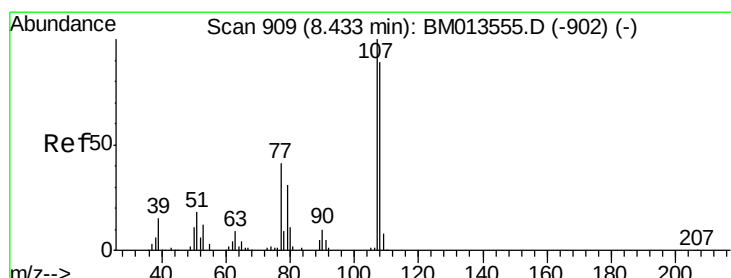
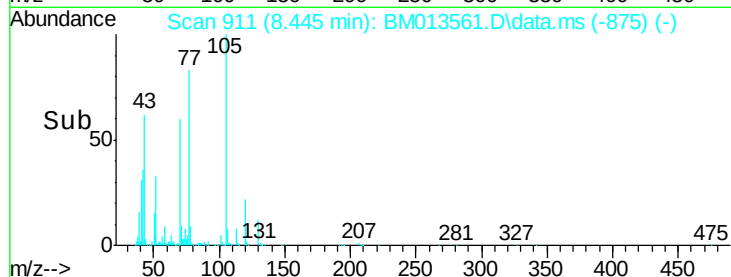
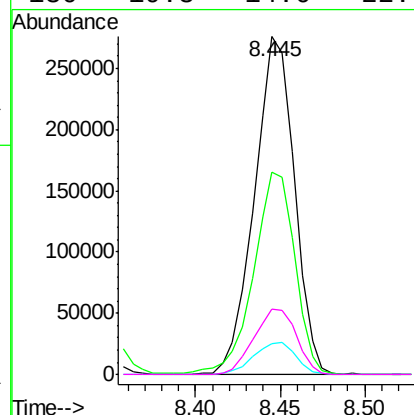
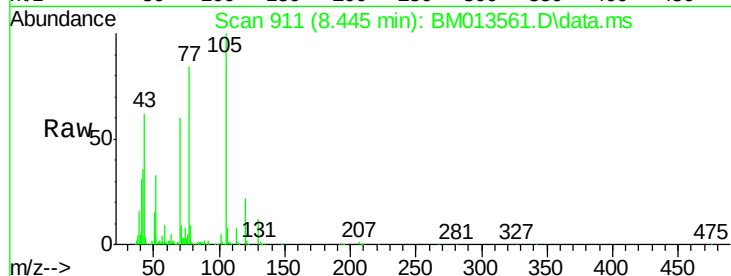
Ion Ratio Lower Upper

70 100

42 59.9 76.0 114.0#

101 9.1 6.7 10.1

130 19.3 14.6 22.0



#16

4-Methylphenol

Concen: 70.15 ng/ul

RT: 8.410 min Scan# 905

Delta R.T. 0.012 min

Lab File: BM013561.D

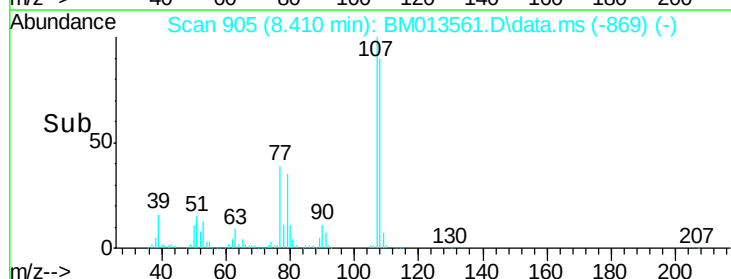
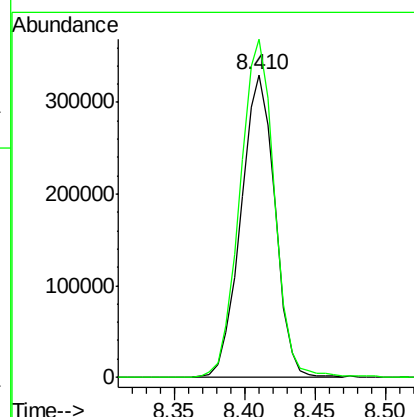
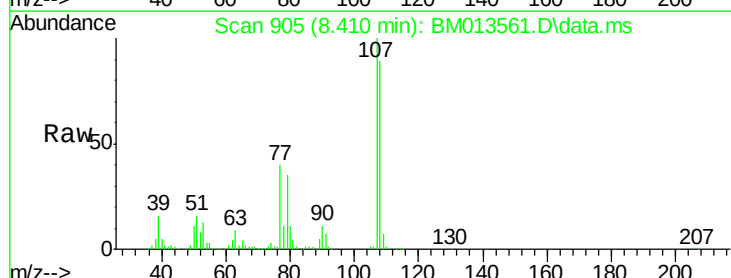
Acq: 10 Jan 2018 11:36

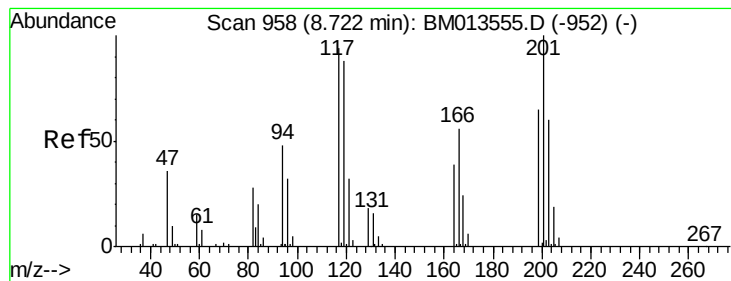
Tgt Ion: 108 Resp: 555773

Ion Ratio Lower Upper

108 100

107 111.8 84.9 127.3





#17

Hexachloroethane

Concen: 78.89 ng/ul

RT: 8.692 min Scan# 95

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

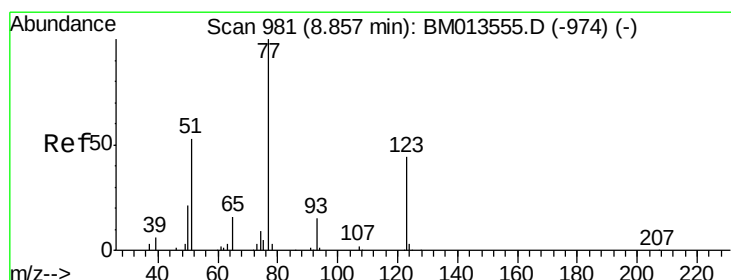
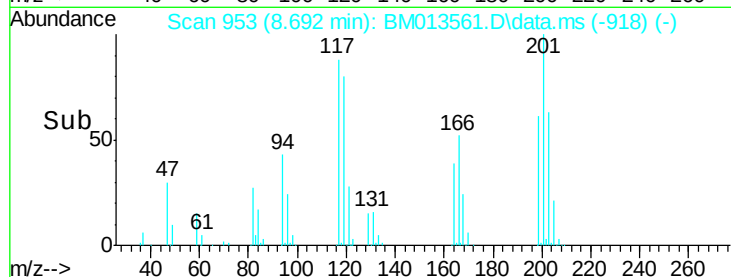
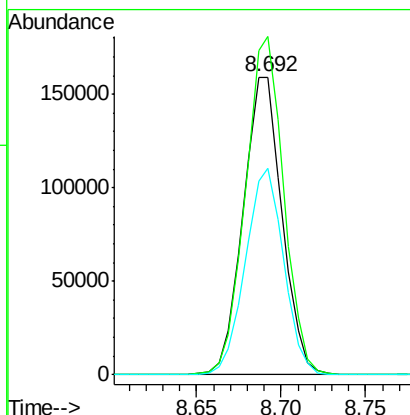
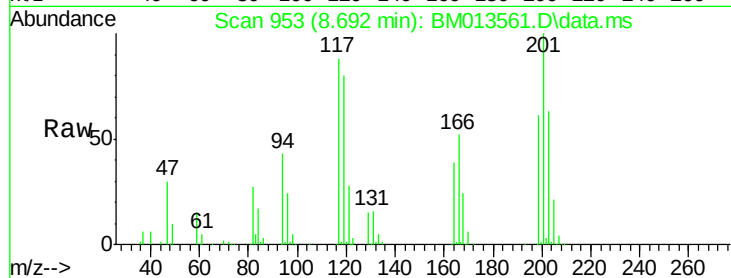
Tot Ion:117 Resp: 255038

Ion Ratio Lower Upper

117 100

201 113.5 111.6 167.4

199 69.2 67.8 101.6



#20

Nitrobenzene

Concen: 78.64 ng/ul

RT: 8.828 min Scan# 976

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

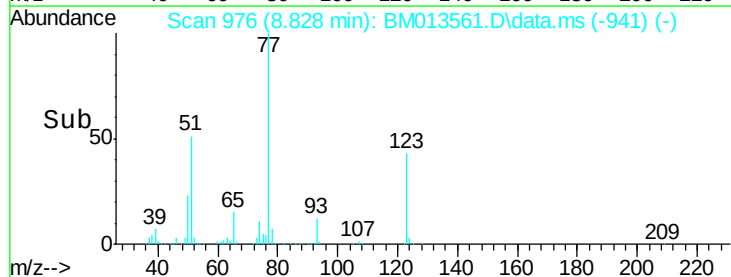
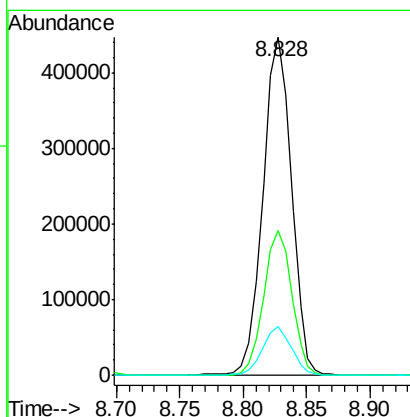
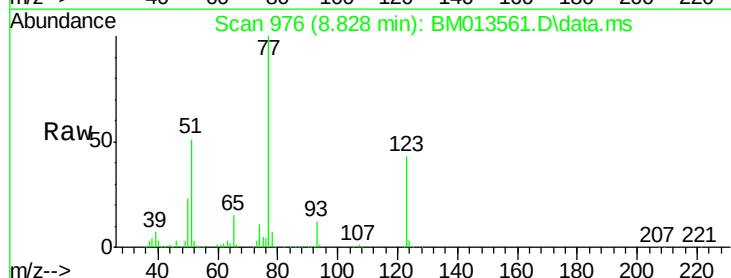
Tgt Ion: 77 Resp: 705315

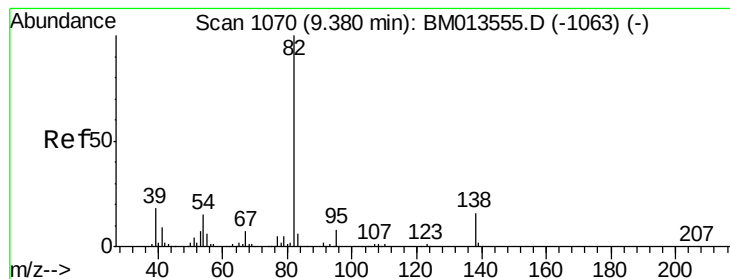
Ion Ratio Lower Upper

77 100

123 42.9 31.0 46.6

65 14.5 12.2 18.2





#21

Isophorone

Concen: 74.57 ng/ul

RT: 9.357 min Scan# 10

Delta R.T. 0.012 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

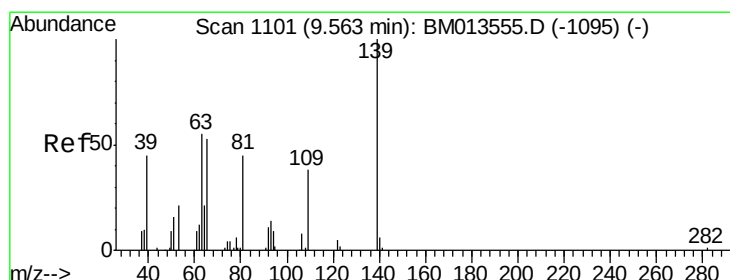
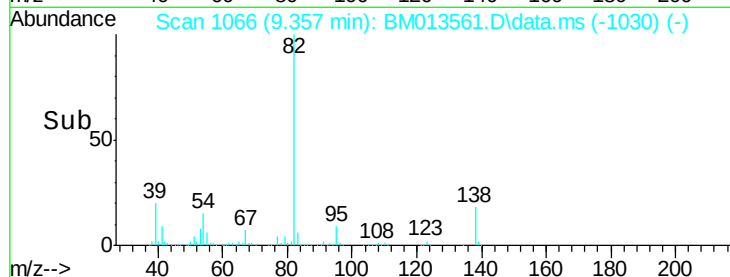
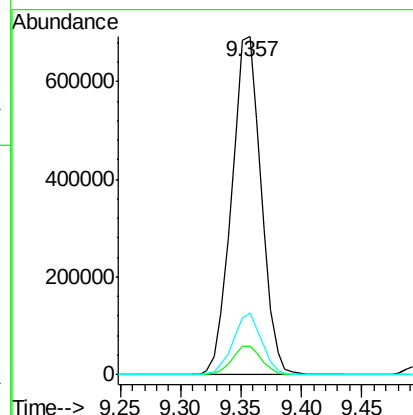
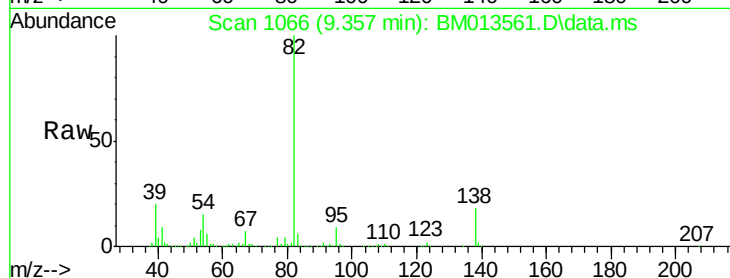
Tot Ion: 82 Resp: 1176827

Ion Ratio Lower Upper

82 100

95 8.5 7.8 11.8

138 18.4 11.9 17.9#



#23

2-Nitrophenol

Concen: 81.62 ng/ul

RT: 9.534 min Scan# 1096

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

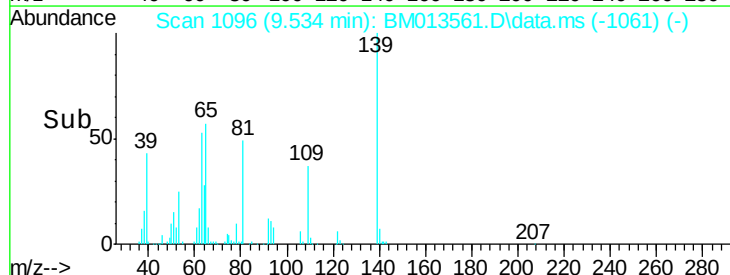
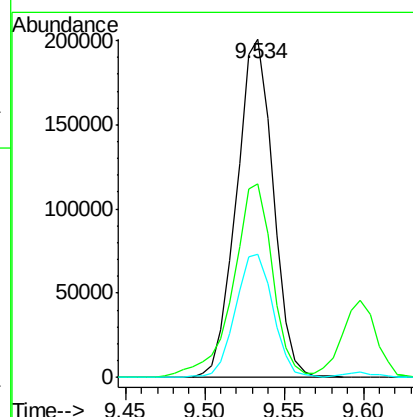
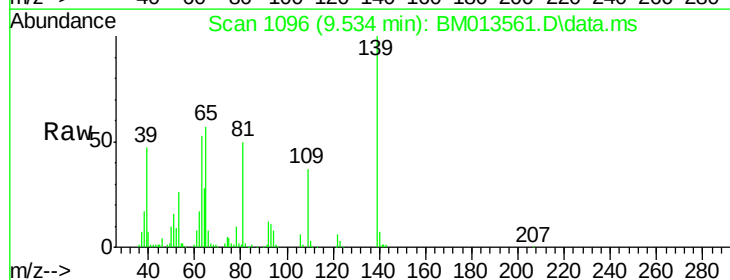
Tgt Ion: 139 Resp: 322428

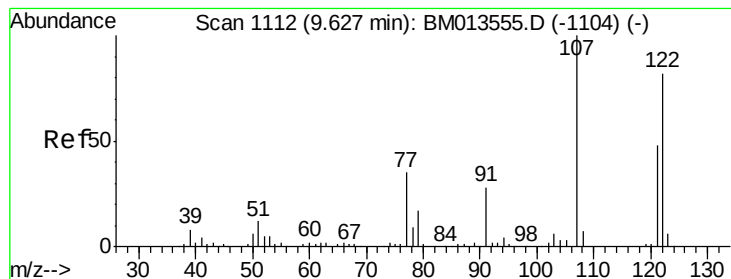
Ion Ratio Lower Upper

139 100

65 57.2 55.4 83.0

109 36.6 42.2 63.2#





#24

2,4-Dimethylphenol

Concen: 75.45 ng/ul

RT: 9.598 min Scan# 111

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

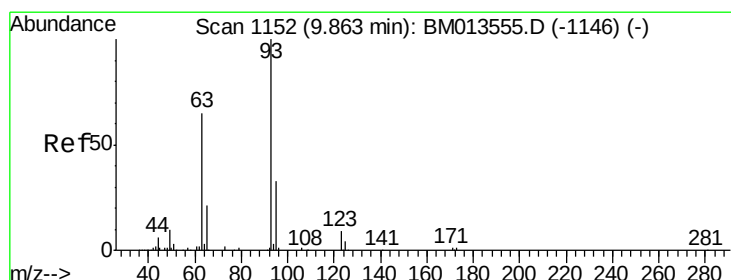
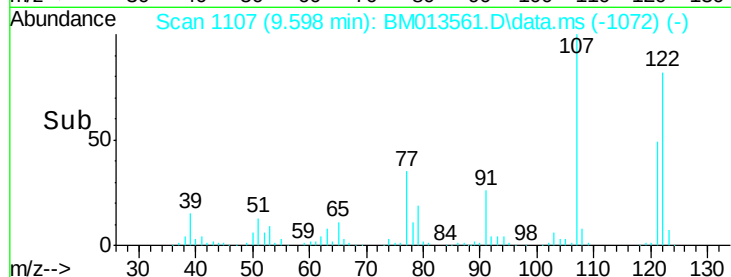
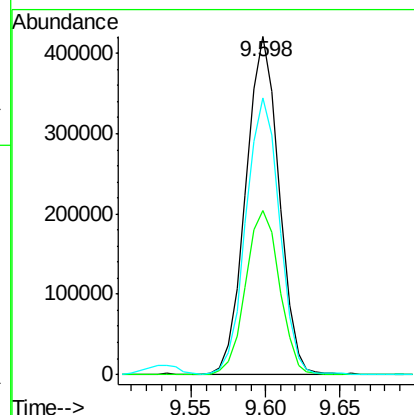
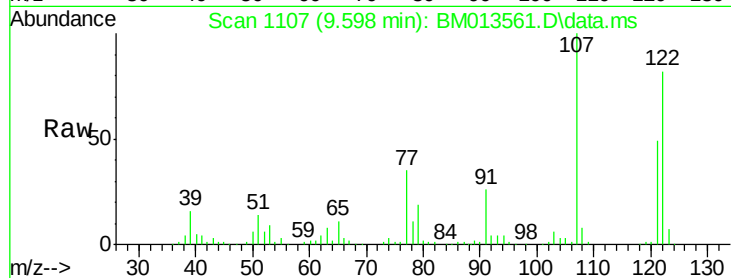
Tot Ion:107 Resp: 650029

Ion Ratio Lower Upper

107 100

121 48.5 31.9 47.9#

122 82.0 57.8 86.6



#25

Bis(2-Chloroethoxy)methane

Concen: 76.66 ng/ul

RT: 9.834 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

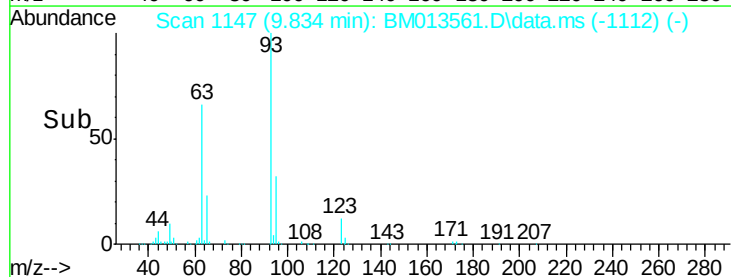
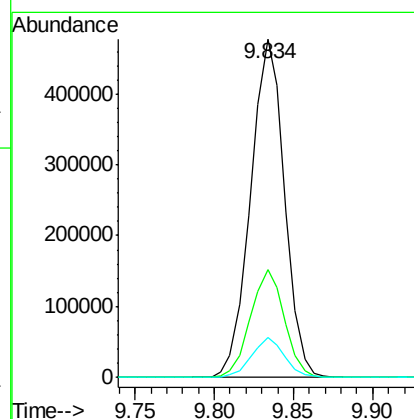
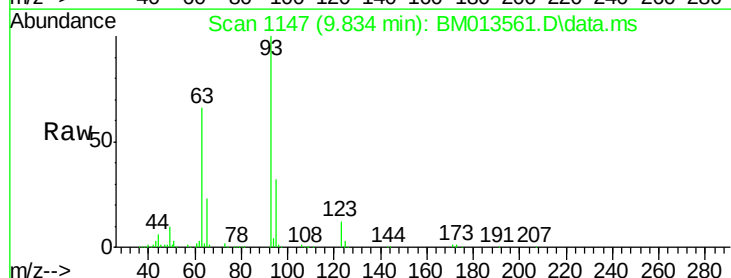
Tgt Ion: 93 Resp: 708041

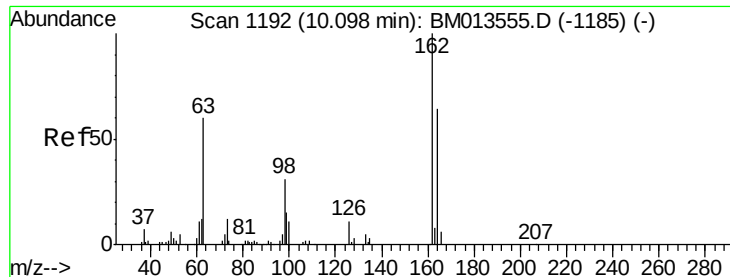
Ion Ratio Lower Upper

93 100

95 31.9 28.5 42.7

123 11.6 8.9 13.3

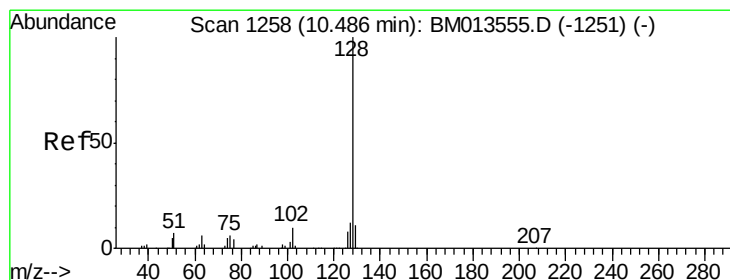
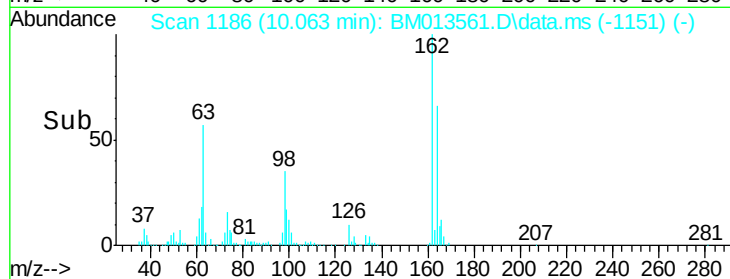
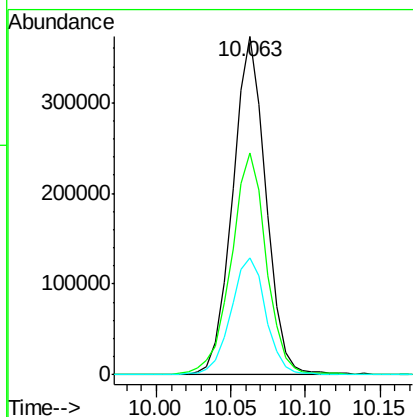
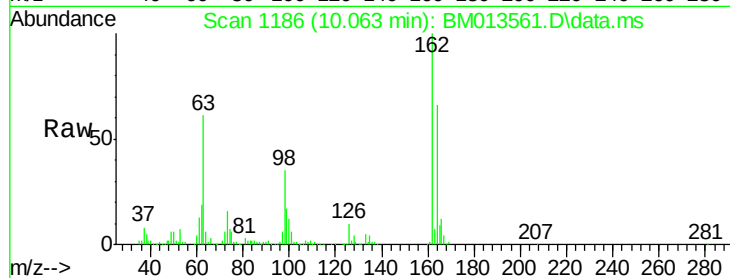




#27
2,4-Dichlorophenol
Concen: 79.65 ng/ul
RT: 10.063 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

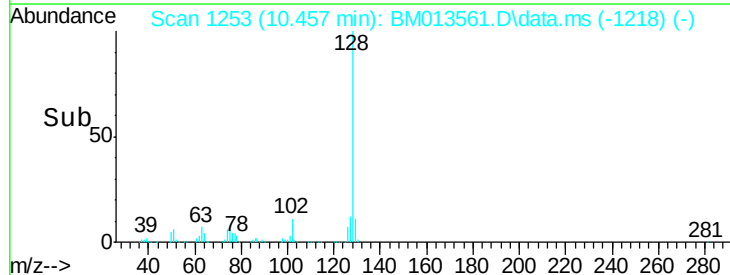
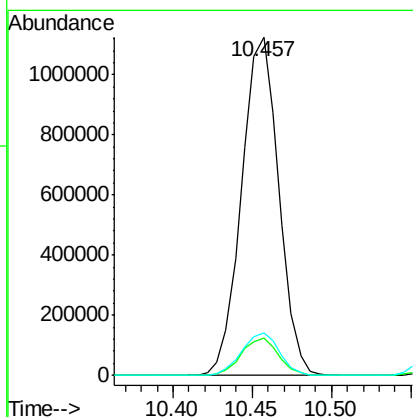
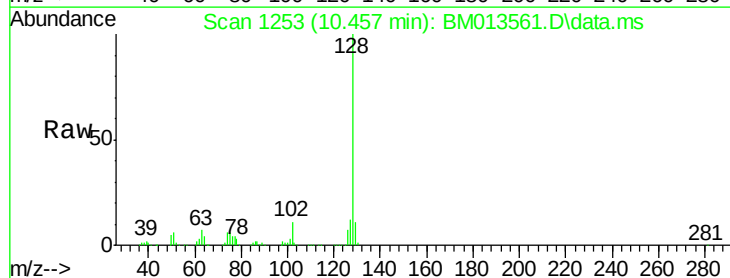
Instrument :
BNA_M
ClientSampleId :
SSTD08012

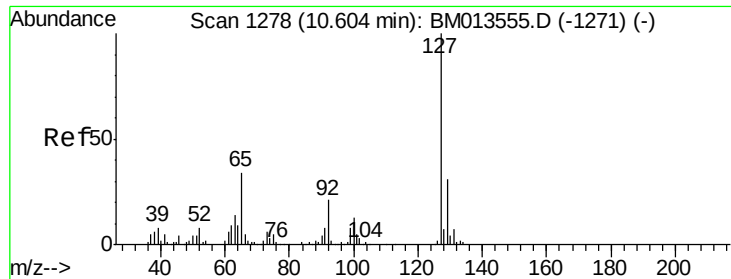
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	47.8	71.6
98	34.7	23.0	34.4



#28
Naphthalene
Concen: 79.51 ng/ul
RT: 10.457 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.5	10.6	16.0

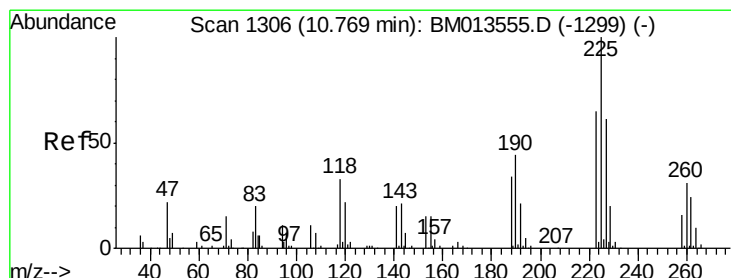
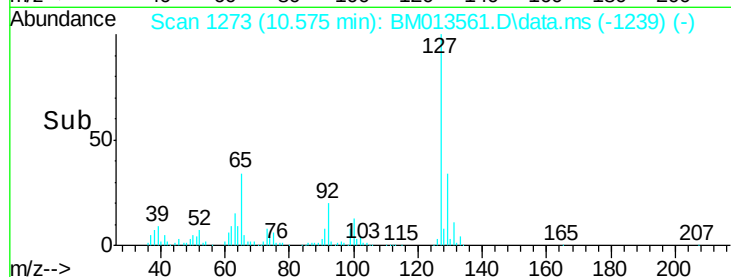
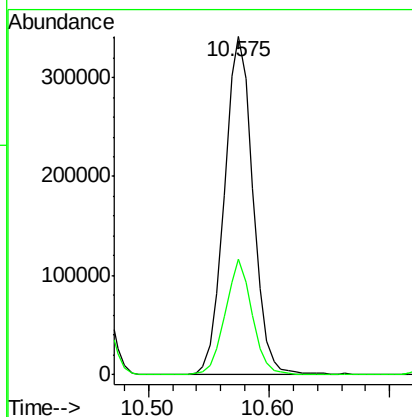
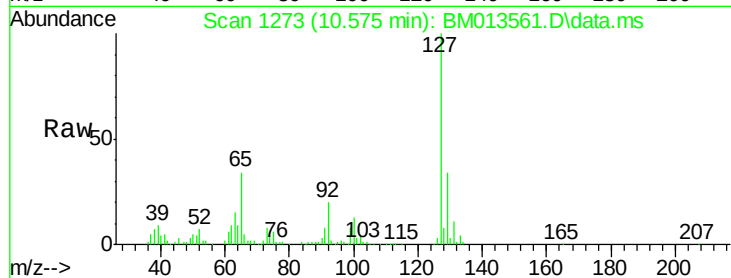




#30
4-Chloroaniline
Concen: 79.94 ng/ul
RT: 10.575 min Scan# 127
Delta R.T. -0.000 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

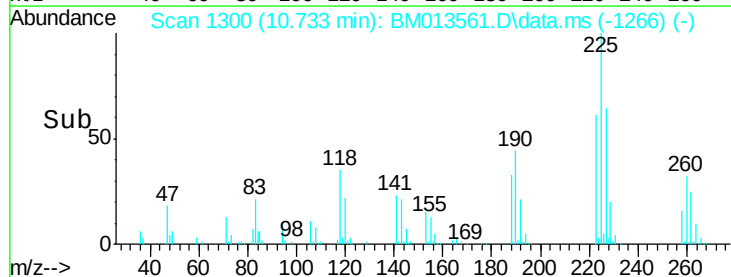
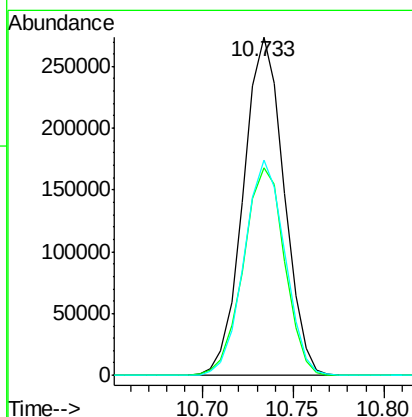
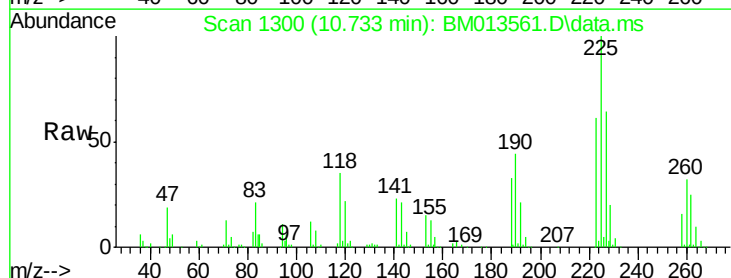
Instrument :
BNA_M
ClientSampleId :
SSTD08012

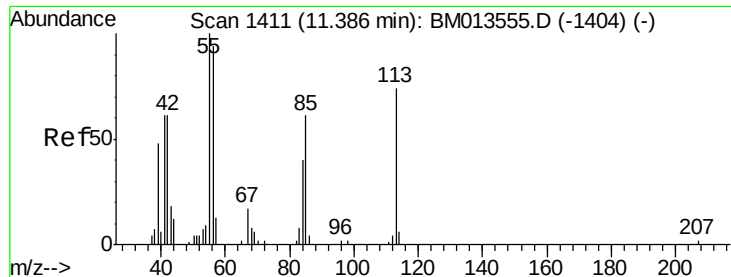
Tot Ion:127 Resp: 558509
Ion Ratio Lower Upper
127 100
129 34.0 28.4 42.6



#31
Hexachlorobutadiene
Concen: 81.14 ng/ul
RT: 10.733 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

Tgt Ion:225 Resp: 426285
Ion Ratio Lower Upper
225 100
223 61.3 49.4 74.2
227 63.6 45.4 68.2





#32

Caprolactam

Concen: 44.26 ng/ul

RT: 11.375 min Scan# 14

Delta R.T. 0.017 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

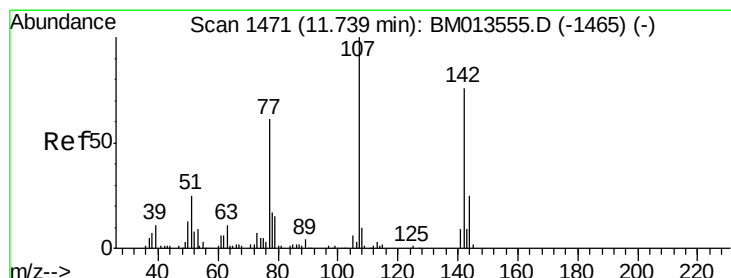
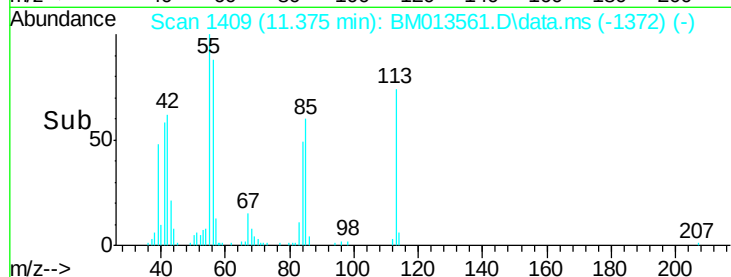
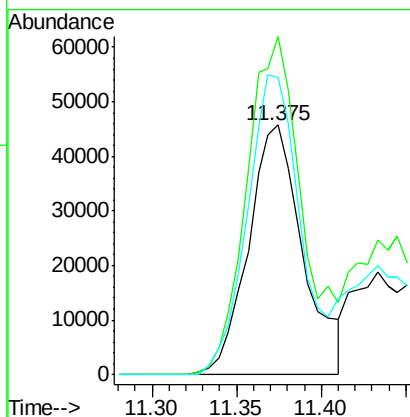
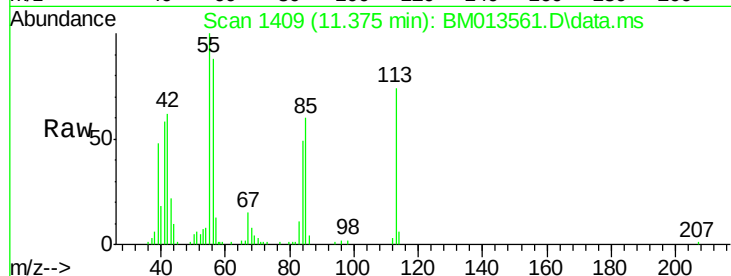
Tot Ion:113 Resp: 102596

Ion Ratio Lower Upper

113 100

55 135.5 208.0 312.0#

56 119.3 160.0 240.0#



#33

4-Chloro-3-methylphenol

Concen: 75.88 ng/ul

RT: 11.716 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

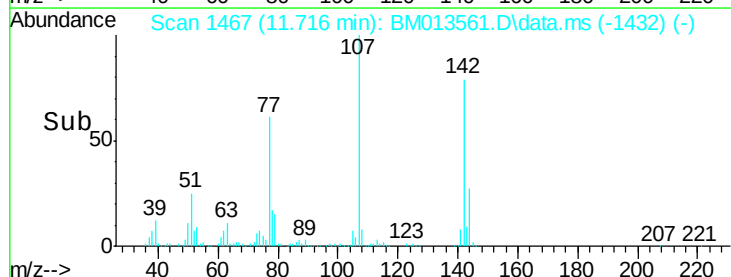
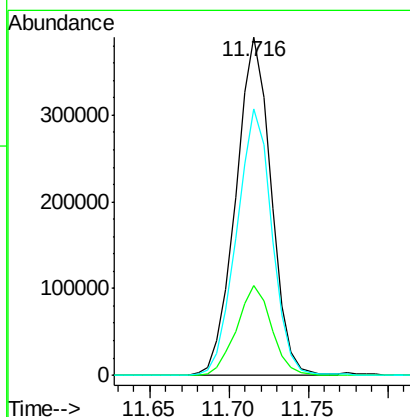
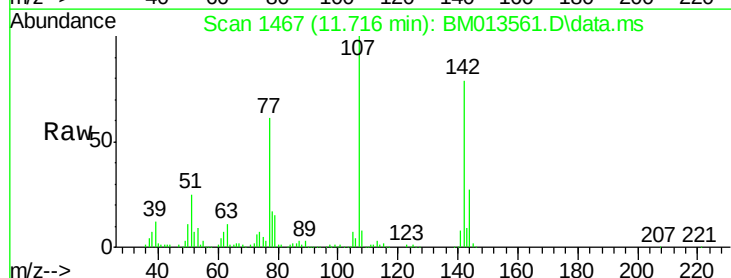
Tgt Ion:107 Resp: 603751

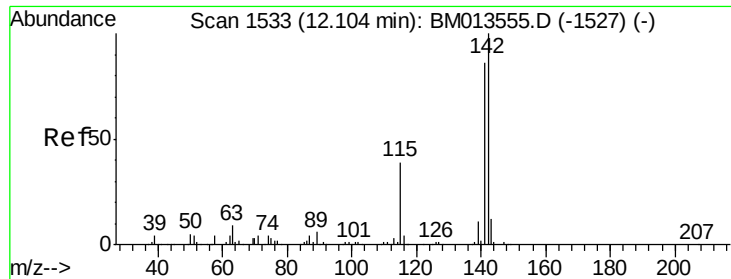
Ion Ratio Lower Upper

107 100

144 26.6 20.4 30.6

142 78.9 60.5 90.7

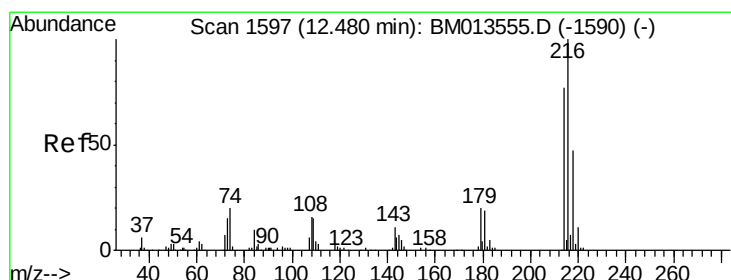
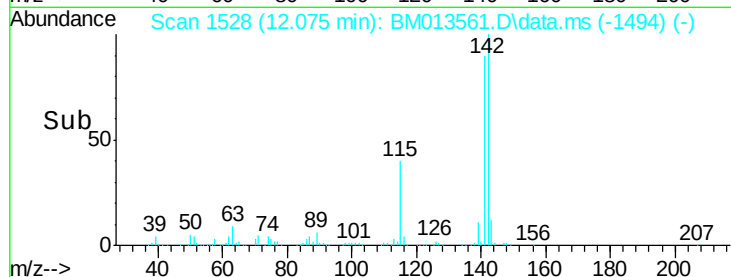
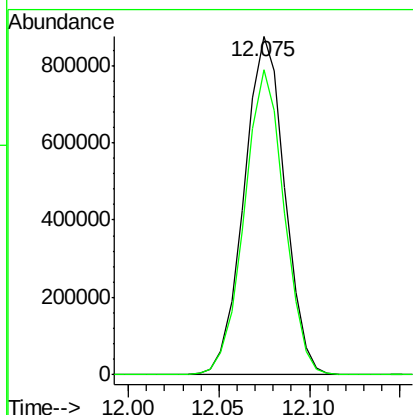
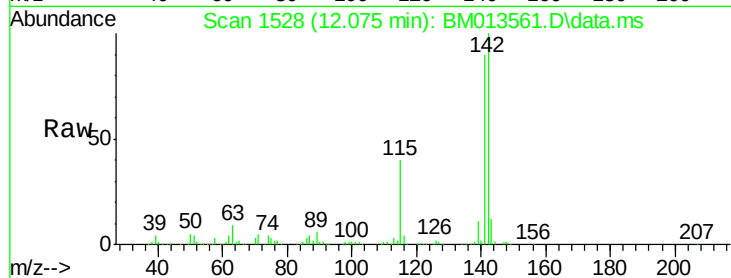




#34
2-Methylnaphthalene
Concen: 78.44 ng/ul
RT: 12.075 min Scan# 15
Delta R.T. -0.000 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

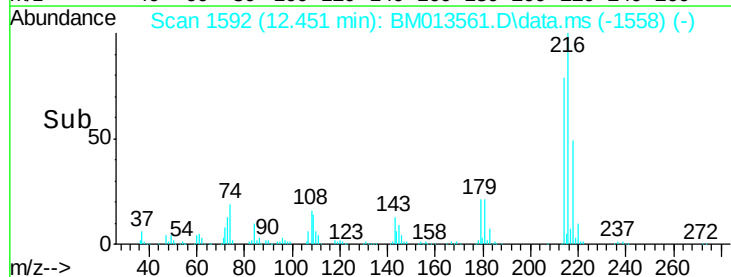
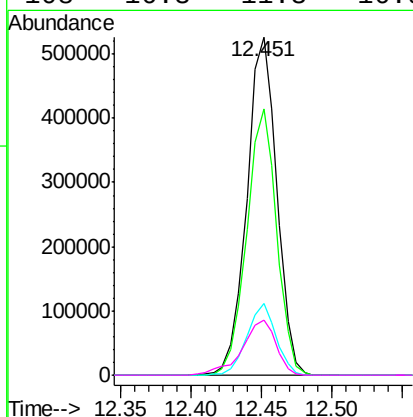
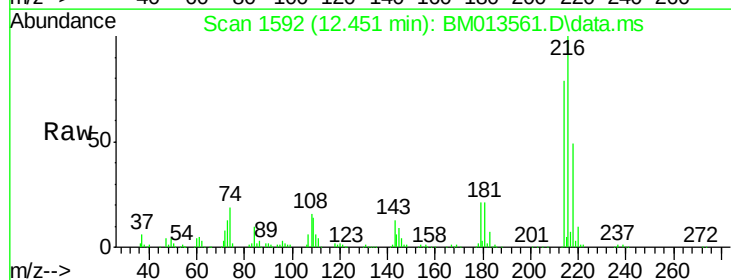
Instrument :
BNA_M
ClientSampleId :
SSTD08012

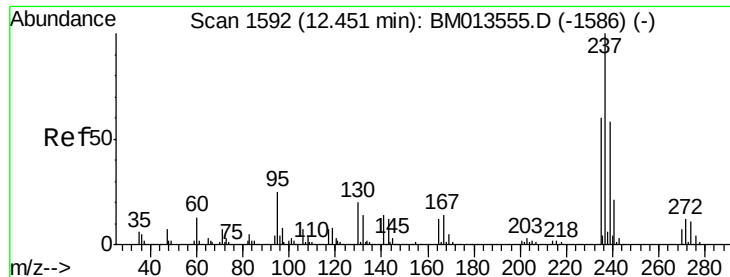
Tot Ion:142 Resp: 1362012
Ion Ratio Lower Upper
142 100
141 90.2 74.1 111.1



#36
1,2,4,5-Tetrachlorobenzene
Concen: 79.02 ng/ul
RT: 12.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

Tgt Ion:216 Resp: 786303
Ion Ratio Lower Upper
216 100
214 78.8 60.6 90.8
179 21.2 17.5 26.3
108 16.3 11.3 16.9





#37

Hexachlorocyclopentadiene

Concen: 56.01 ng/ul

RT: 12.422 min Scan# 15

Delta R.T. -0.000 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

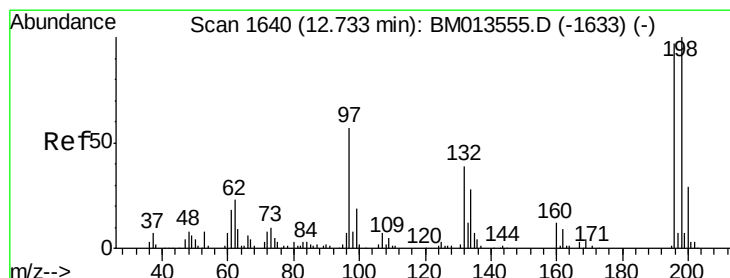
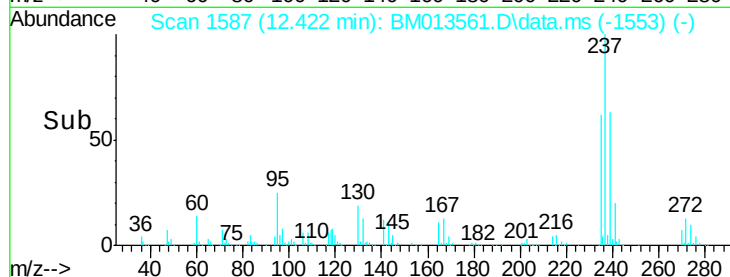
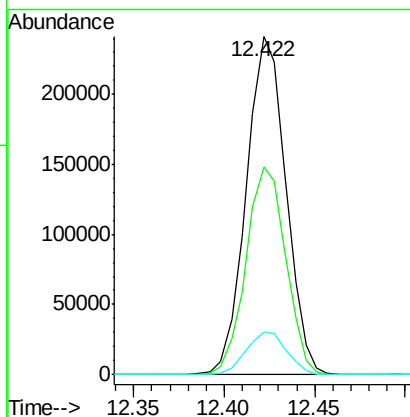
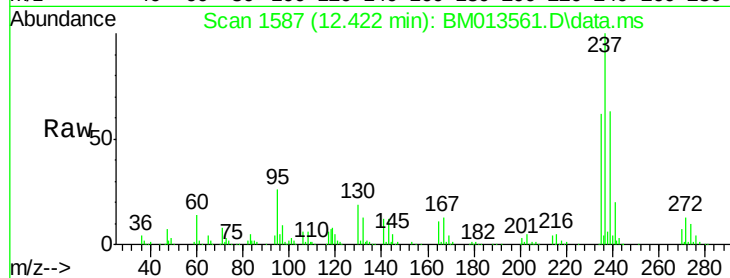
Tot Ion:237 Resp: 366839

Ion Ratio Lower Upper

237 100

235 61.6 50.2 75.4

272 12.7 11.0 16.6



#38

2,4,6-Trichlorophenol

Concen: 81.36 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

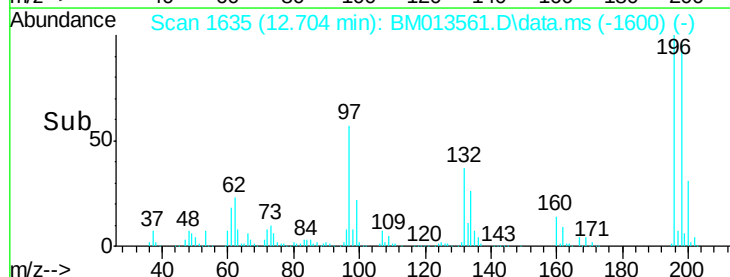
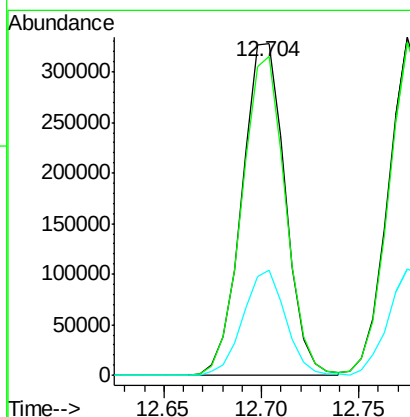
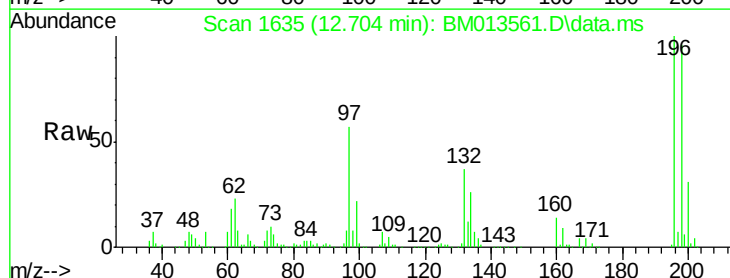
Tgt Ion:196 Resp: 504738

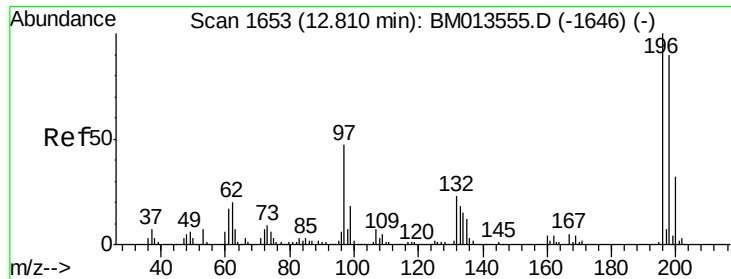
Ion Ratio Lower Upper

196 100

198 95.9 74.1 111.1

200 31.5 25.2 37.8

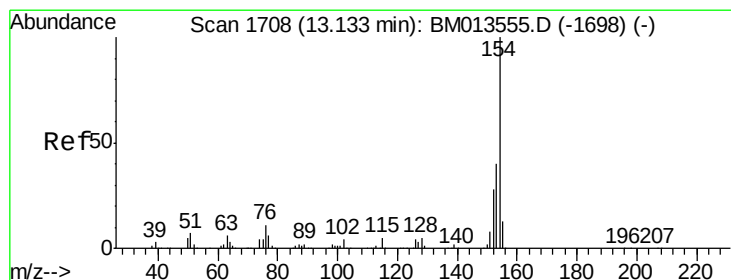
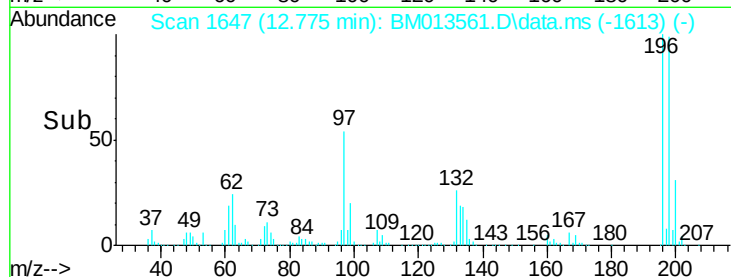
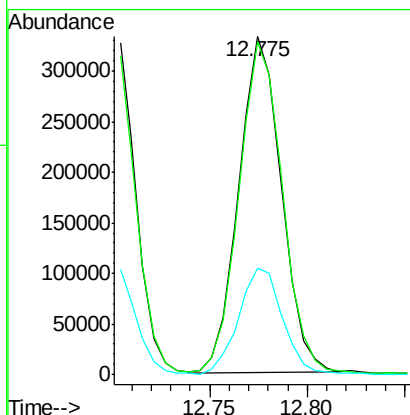
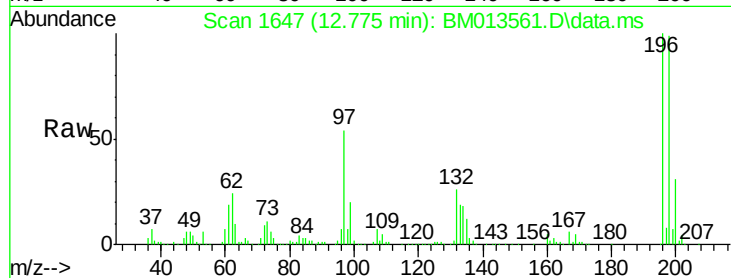




#39
 2,4,5-Trichlorophenol
 Concen: 76.56 ng/ul
 RT: 12.775 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: BM013561.D
 Acq: 10 Jan 2018 11:36

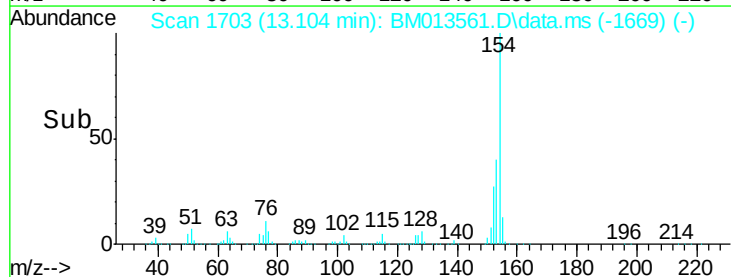
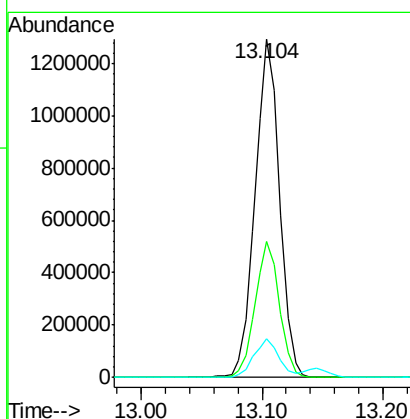
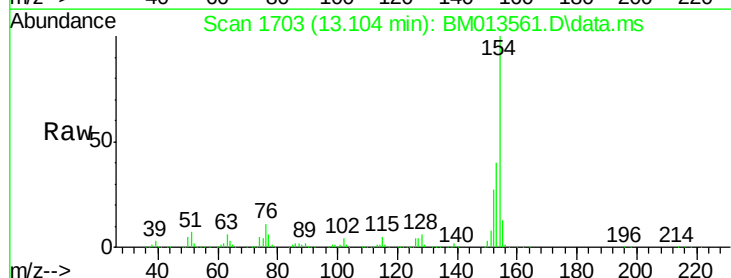
Instrument :
 BNA_M
 ClientSampleId :
 SST08012

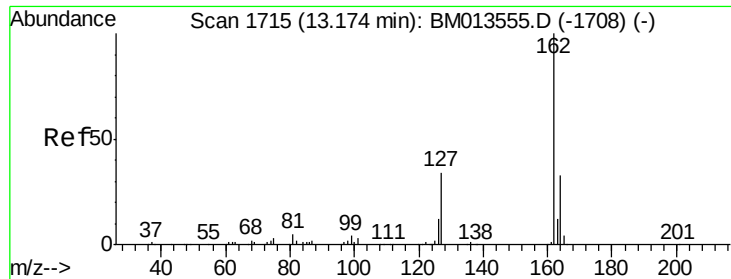
Tot Ion:196 Resp: 504473
 Ion Ratio Lower Upper
 196 100
 198 98.6 75.6 113.4
 200 31.4 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 78.17 ng/ul
 RT: 13.104 min Scan# 1703
 Delta R.T. -0.000 min
 Lab File: BM013561.D
 Acq: 10 Jan 2018 11:36

Tgt Ion:154 Resp: 1821851
 Ion Ratio Lower Upper
 154 100
 153 40.1 32.6 48.8
 76 11.4 8.5 12.7

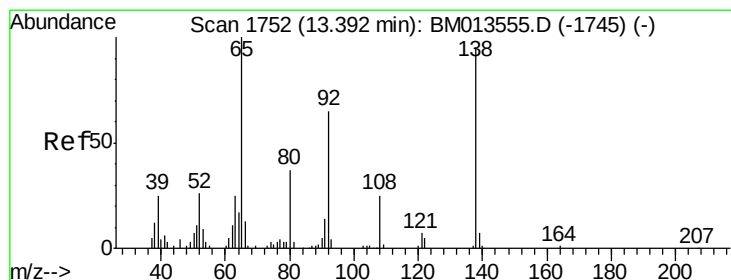
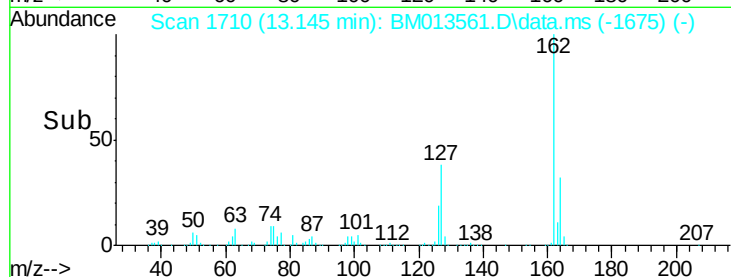
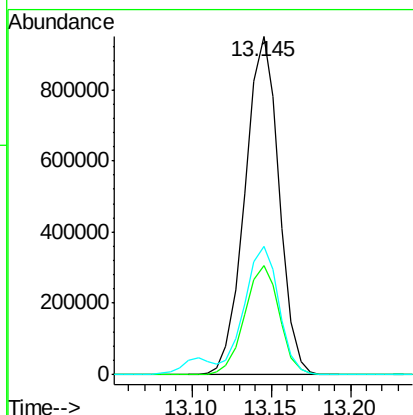
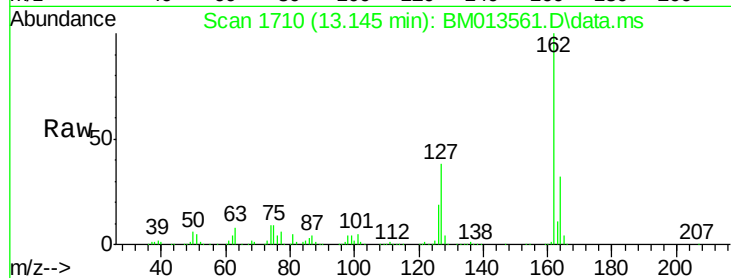




#41
2-Chloronaphthalene
Concen: 77.37 ng/ul
RT: 13.145 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

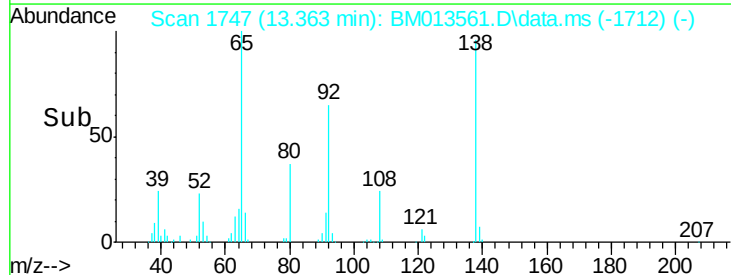
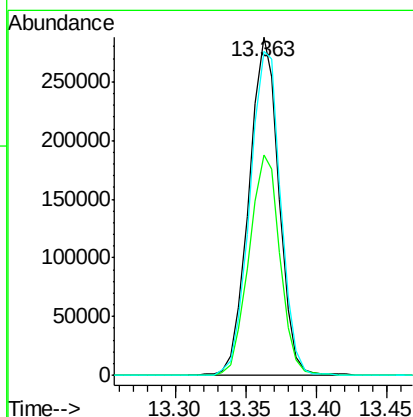
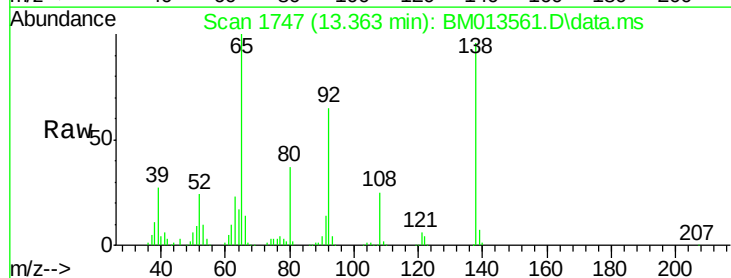
Instrument :
BNA_M
ClientSampleId :
SSTD08012

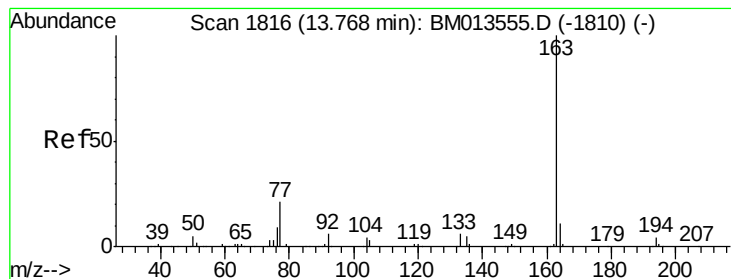
Tot Ion:162 Resp: 1414664
Ion Ratio Lower Upper
162 100
164 32.2 25.9 38.9
127 38.1 29.4 44.2



#42
2-Nitroaniline
Concen: 80.43 ng/ul
RT: 13.363 min Scan# 1747
Delta R.T. 0.006 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

Tgt Ion: 65 Resp: 430840
Ion Ratio Lower Upper
65 100
92 65.1 51.8 77.6
138 95.8 74.2 111.4





#44

Dimethylphthalate

Concen: 75.41 ng/ul

RT: 13.745 min Scan# 1816

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

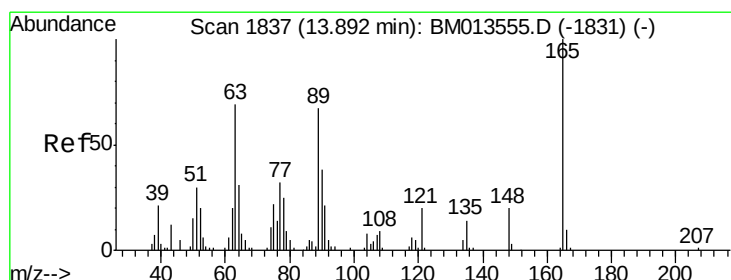
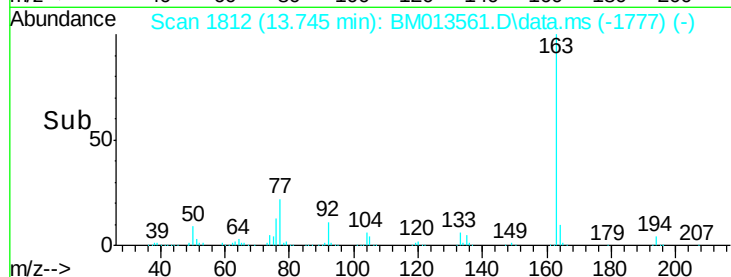
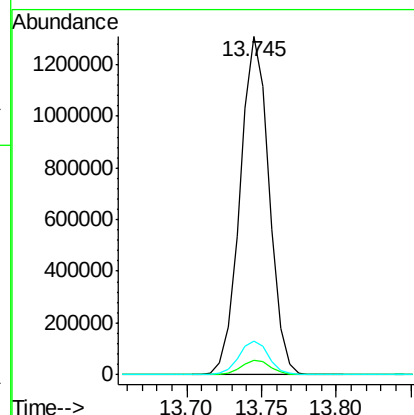
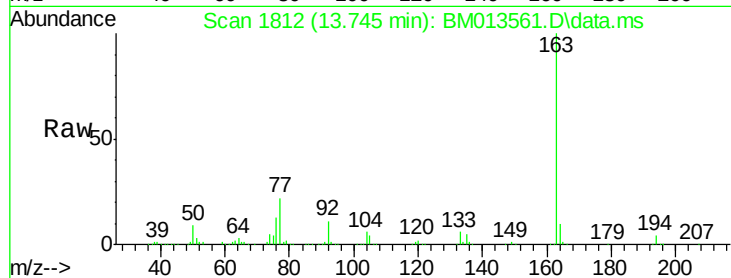
Tot Ion:163 Resp: 1769873

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 9.9 8.2 12.4



#45

2,6-Dinitrotoluene

Concen: 76.82 ng/ul

RT: 13.869 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

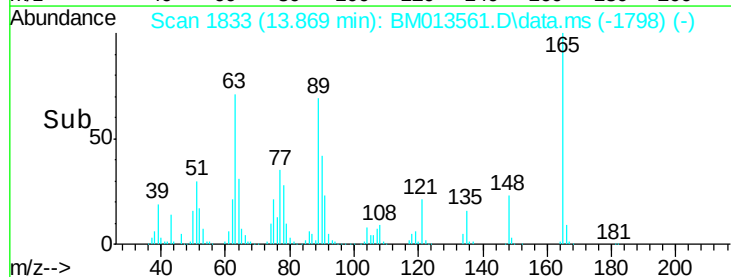
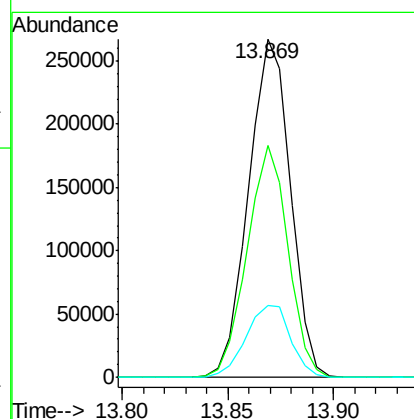
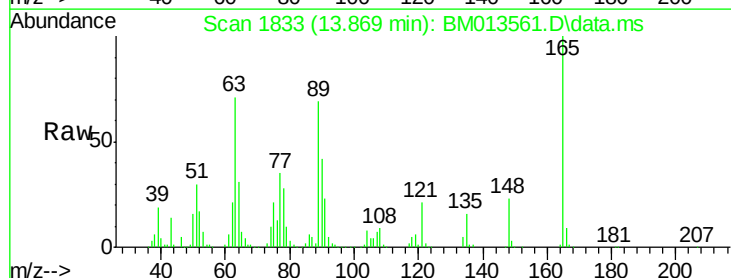
Tgt Ion:165 Resp: 367746

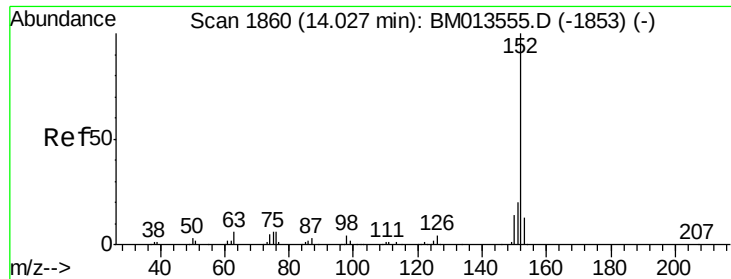
Ion Ratio Lower Upper

165 100

89 68.7 52.6 79.0

121 21.4 14.6 22.0





#47

Acenaphthylene

Concen: 76.23 ng/ul

RT: 13.998 min Scan# 18

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

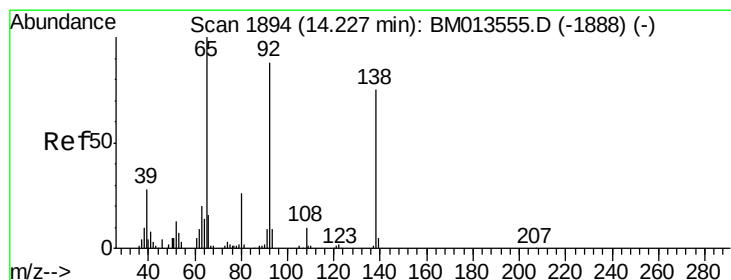
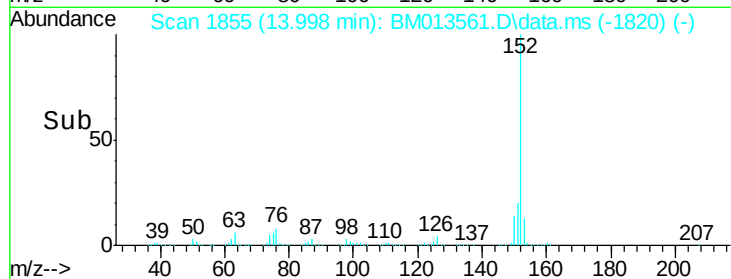
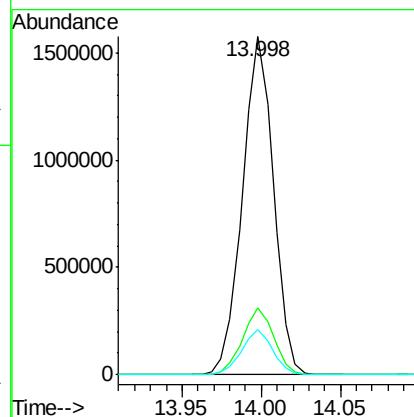
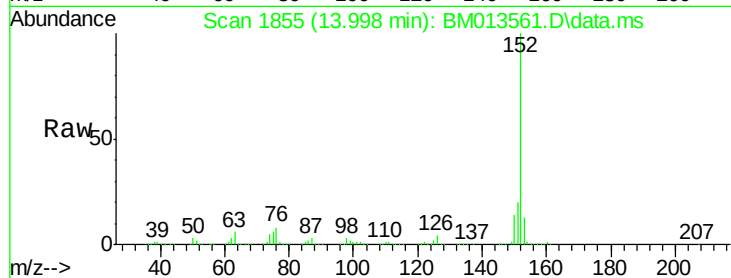
Tot Ion:152 Resp: 2136226

Ion Ratio Lower Upper

152 100

151 19.6 16.3 24.5

153 13.2 10.2 15.4



#48

3-Nitroaniline

Concen: 67.14 ng/ul

RT: 14.198 min Scan# 1889

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

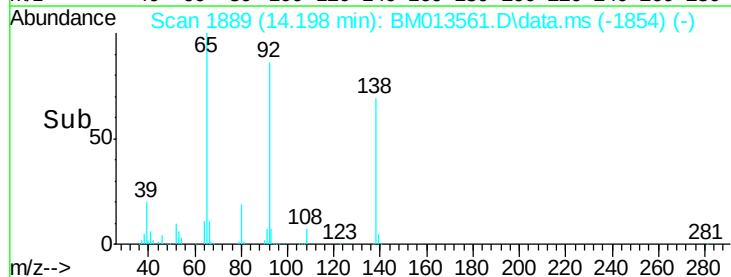
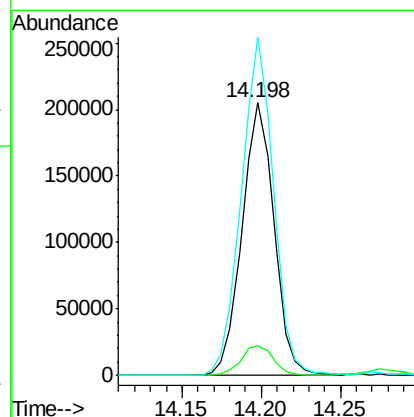
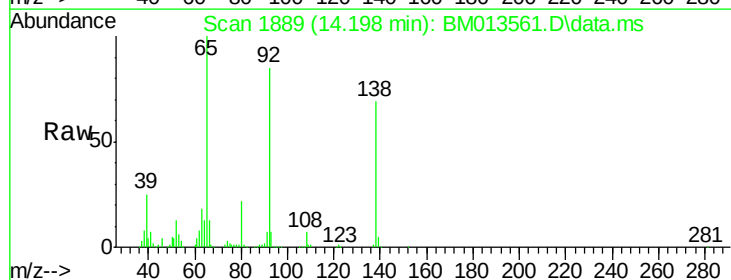
Tgt Ion:138 Resp: 287286

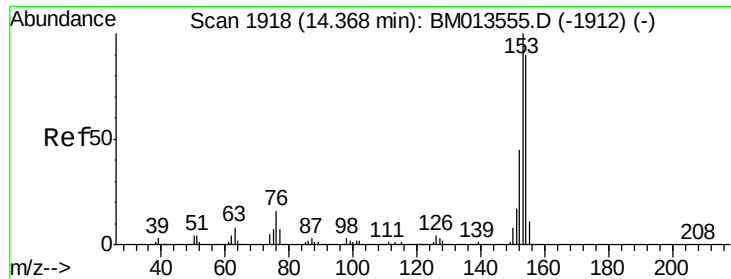
Ion Ratio Lower Upper

138 100

108 10.7 9.9 14.9

92 124.0 105.0 157.4





#49

Acenaphthene

Concen: 76.38 ng/ul

RT: 14.345 min Scan# 1918

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

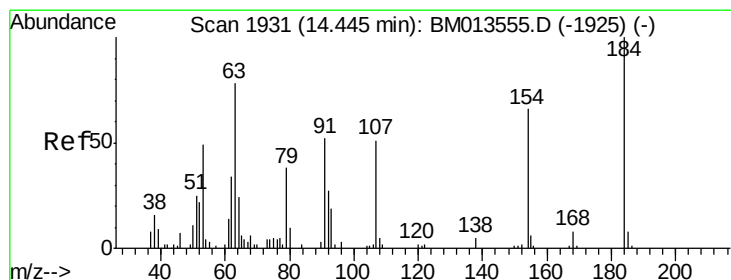
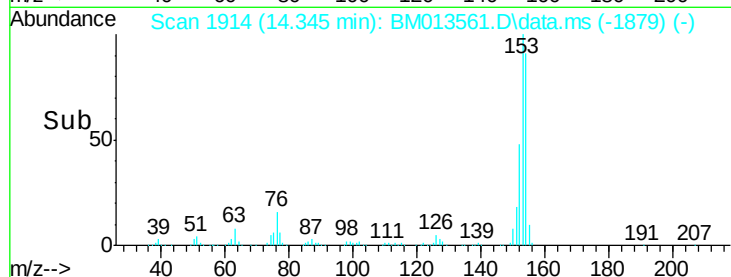
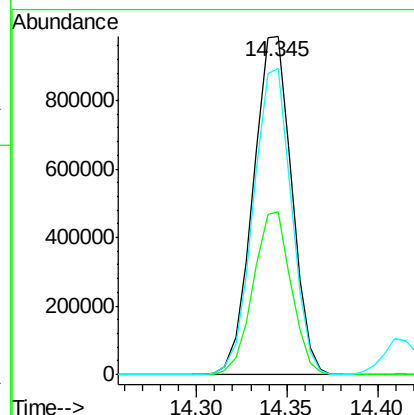
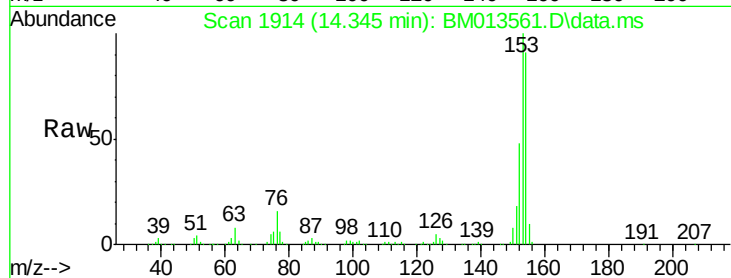
Tot Ion:153 Resp: 1458034

Ion Ratio Lower Upper

153 100

152 48.2 37.6 56.4

154 90.7 70.4 105.6



#50

2,4-Dinitrophenol

Concen: 87.55 ng/ul

RT: 14.410 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

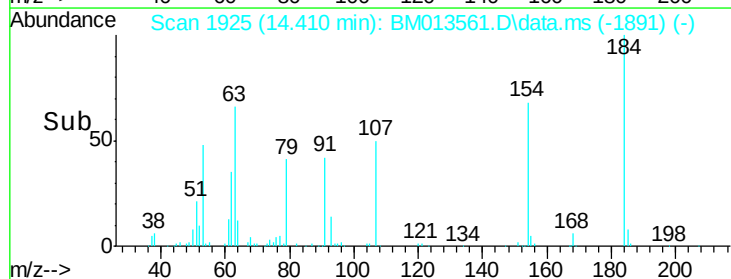
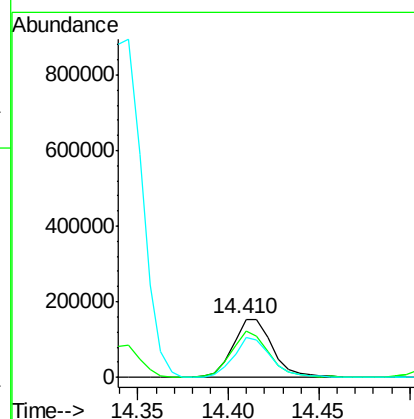
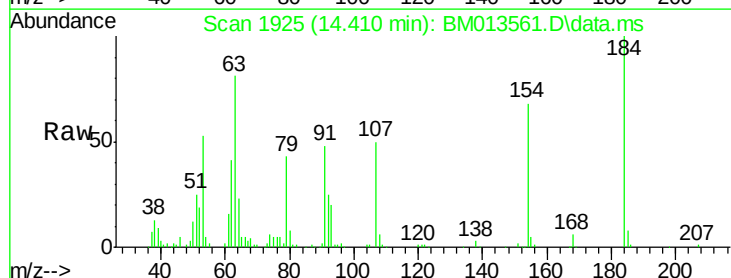
Tgt Ion:184 Resp: 231911

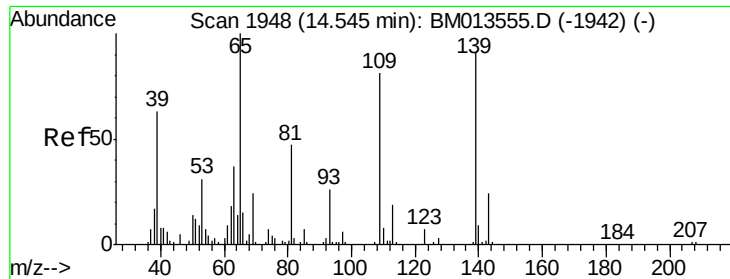
Ion Ratio Lower Upper

184 100

63 80.7 50.1 75.1#

154 67.8 54.5 81.7





#52

4-Nitrophenol

Concen: 75.89 ng/ul

RT: 14.521 min Scan# 19

Delta R.T. 0.012 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

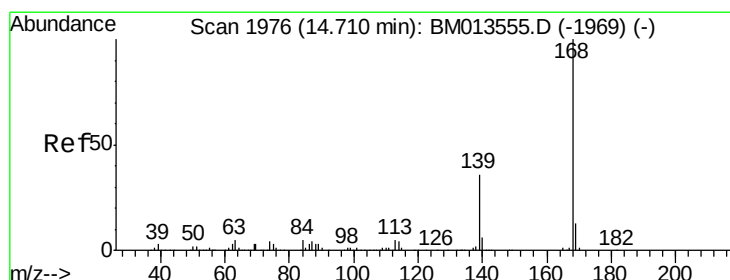
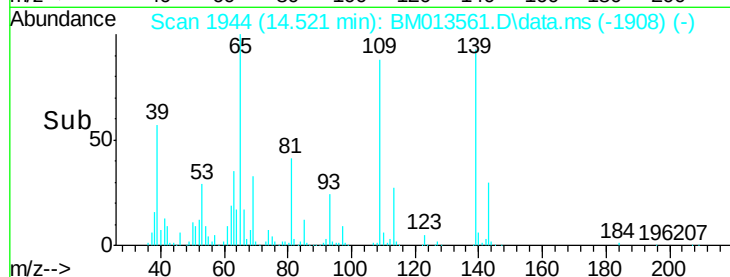
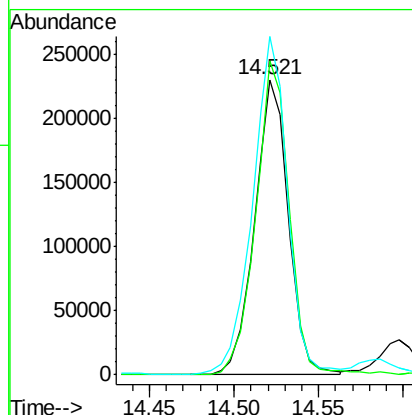
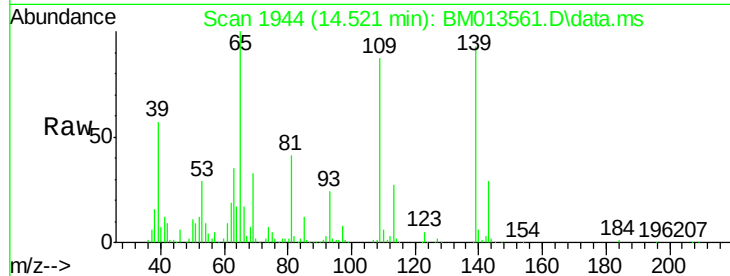
Tot Ion:109 Resp: 317429

Ion Ratio Lower Upper

109 100

139 106.4 80.0 120.0

65 114.5 120.0 180.0#



#53

Dibenzofuran

Concen: 76.78 ng/ul

RT: 14.680 min Scan# 1971

Delta R.T. 0.006 min

Lab File: BM013561.D

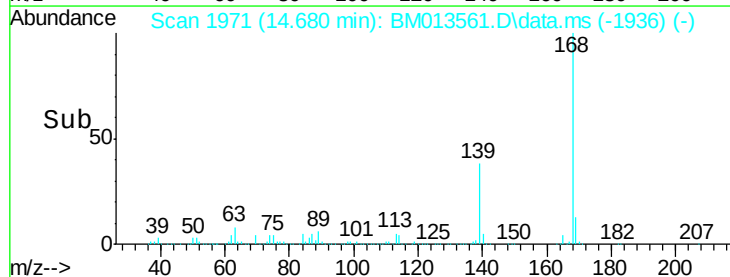
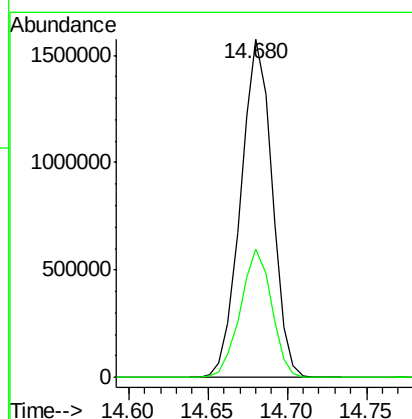
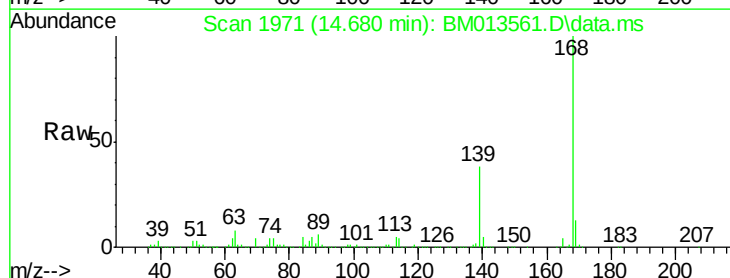
Acq: 10 Jan 2018 11:36

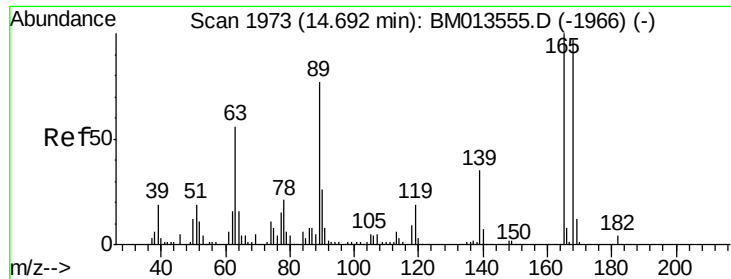
Tgt Ion:168 Resp: 2163699

Ion Ratio Lower Upper

168 100

139 38.0 30.8 46.2

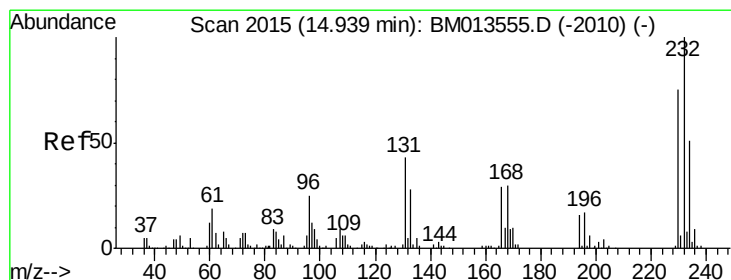
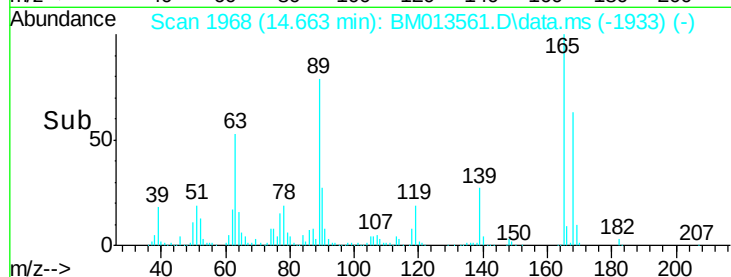
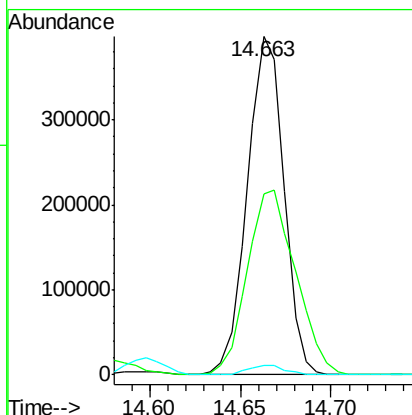
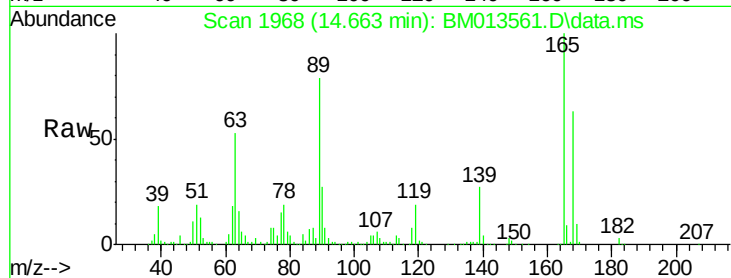




#54
2,4-Dinitrotoluene
Concen: 80.36 ng/ul
RT: 14.663 min Scan# 19
Delta R.T. 0.006 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

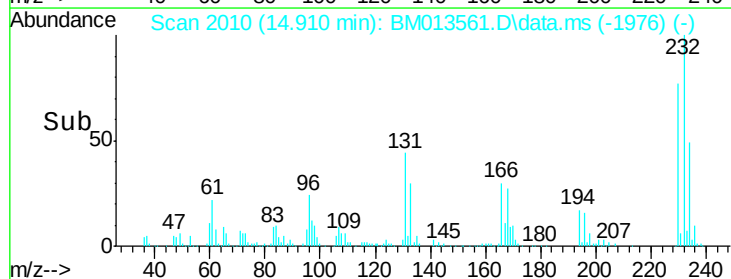
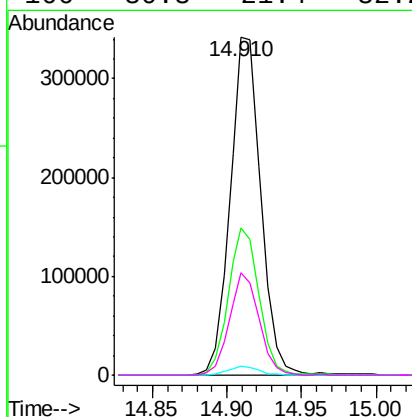
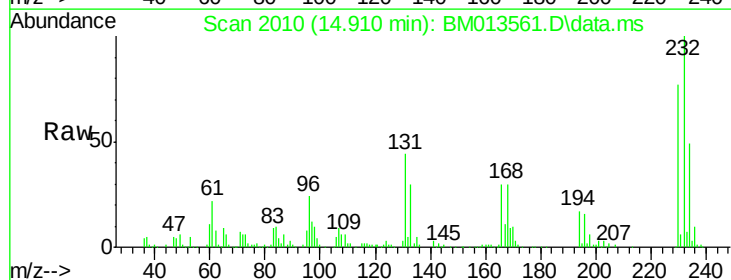
Instrument :
BNA_M
ClientSampleId :
SSTD08012

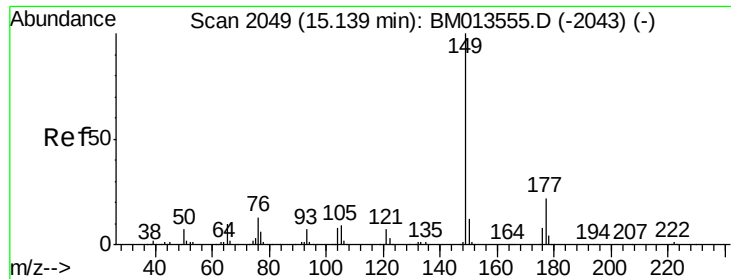
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.4	45.8	68.8
182	2.8	2.6	4.0



#55
2,3,4,6-Tetrachlorophenol
Concen: 81.32 ng/ul
RT: 14.910 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.6	29.0	43.4#
130	2.6	2.0	3.0
166	30.3	21.4	32.2

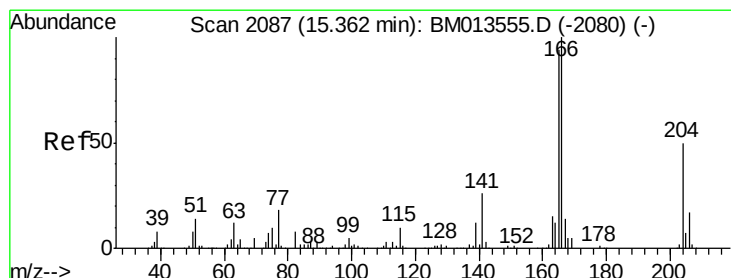
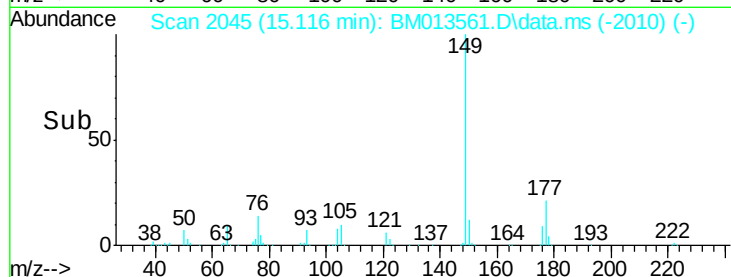
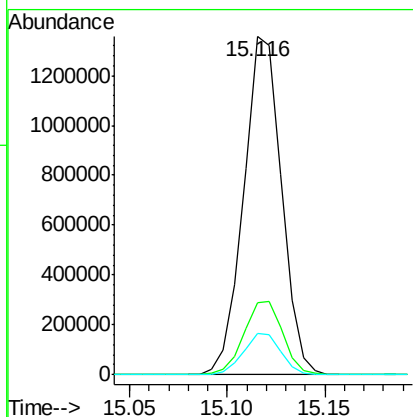
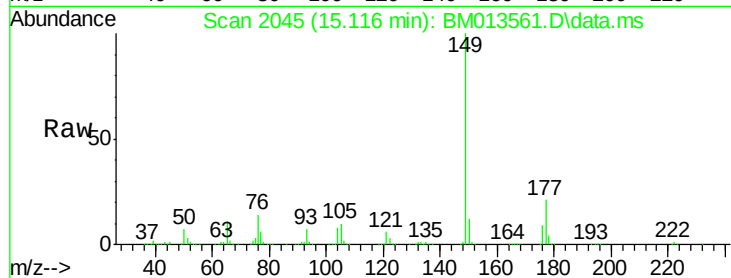




#56
Diethylphthalate
Concen: 77.43 ng/ul
RT: 15.116 min Scan# 2049
Delta R.T. 0.006 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

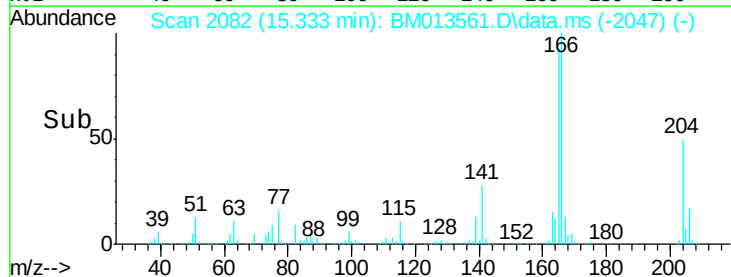
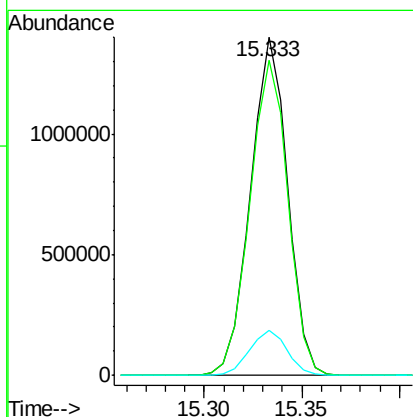
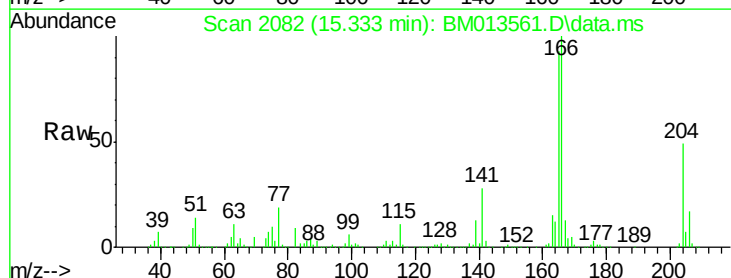
Instrument :
BNA_M
ClientSampleId :
SSTD08012

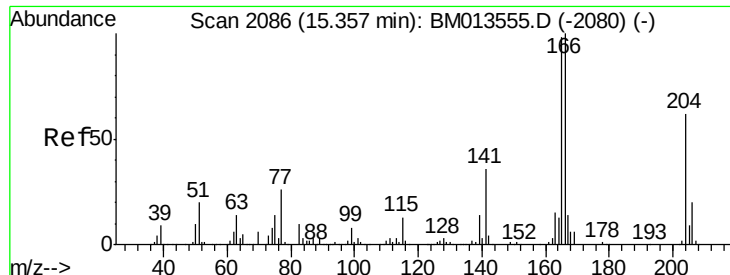
Tot Ion:149 Resp: 1822806
Ion Ratio Lower Upper
149 100
177 21.4 20.5 30.7
150 12.1 10.6 15.8



#58
Fluorene
Concen: 78.92 ng/ul
RT: 15.333 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

Tgt Ion:166 Resp: 1840032
Ion Ratio Lower Upper
166 100
165 93.1 77.9 116.9
167 13.3 10.6 16.0

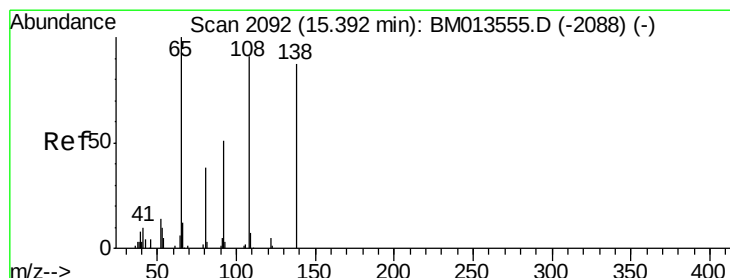
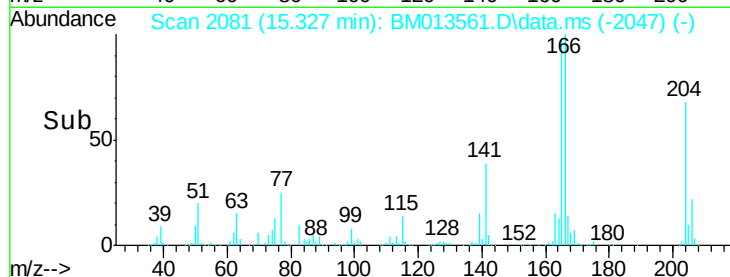
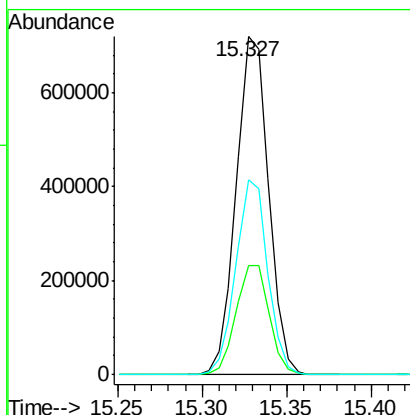
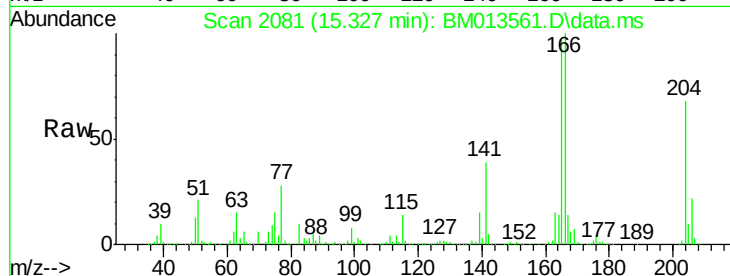




#59
 4-Chlorophenyl-phenylether
 Concen: 76.07 ng/ul
 RT: 15.327 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: BM013561.D
 Acq: 10 Jan 2018 11:36

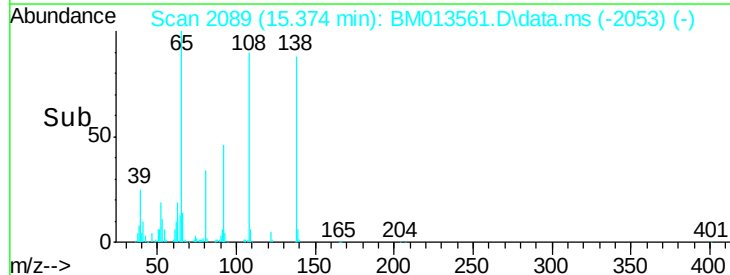
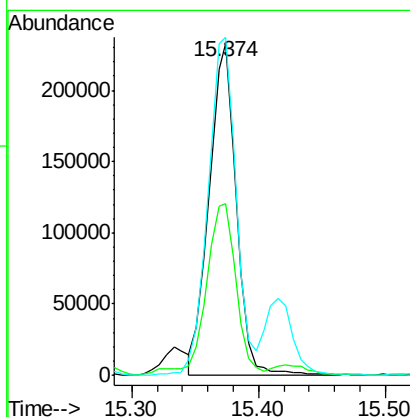
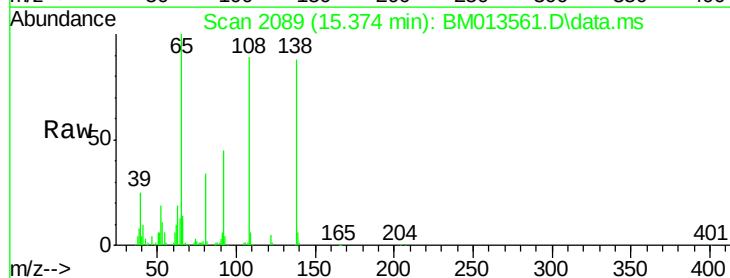
Instrument :
 BNA_M
 ClientSampleId :
 SSTD08012

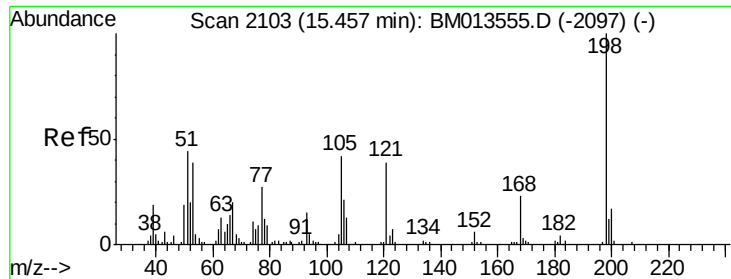
Tot Ion:204 Resp: 962584
 Ion Ratio Lower Upper
 204 100
 206 32.3 24.8 37.2
 141 57.4 44.3 66.5



#60
 4-Nitroaniline
 Concen: 69.13 ng/ul
 RT: 15.374 min Scan# 2089
 Delta R.T. 0.012 min
 Lab File: BM013561.D
 Acq: 10 Jan 2018 11:36

Tgt Ion:138 Resp: 348978
 Ion Ratio Lower Upper
 138 100
 92 51.9 40.0 60.0
 108 101.9 80.0 120.0

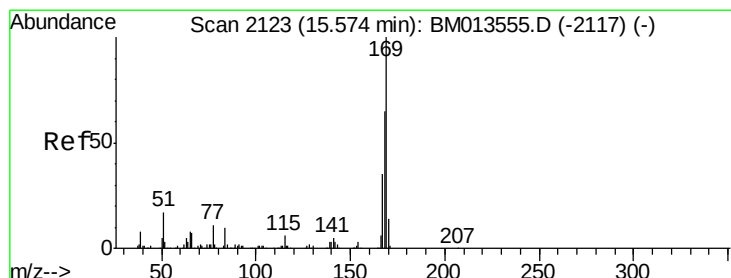
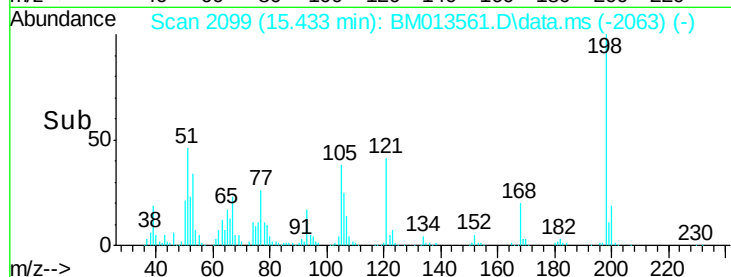
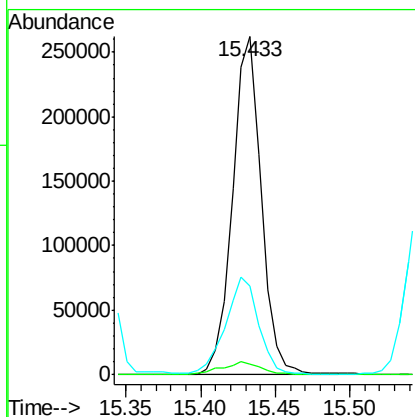
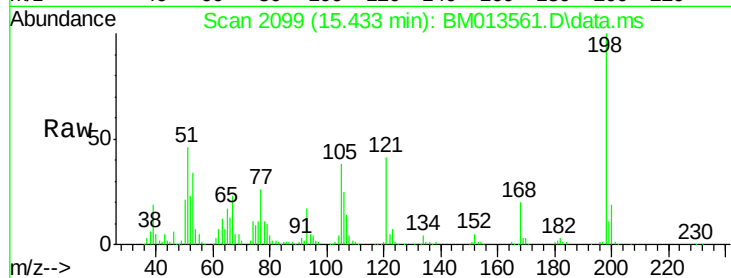




#63
 4,6-Dinitro-2-methylphenol
 Concen: 86.71 ng/ul
 RT: 15.433 min Scan# 2099
 Delta R.T. 0.012 min
 Lab File: BM013561.D
 Acq: 10 Jan 2018 11:36

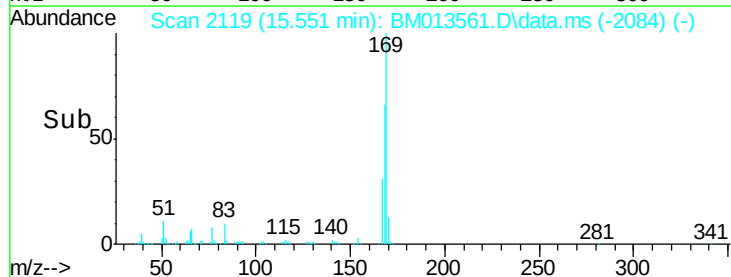
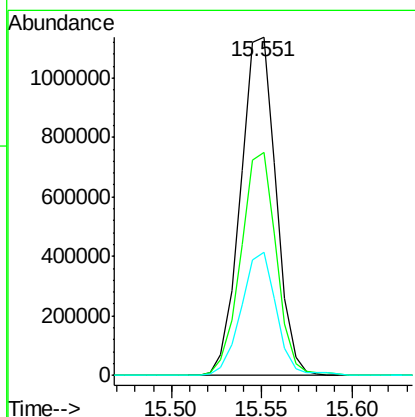
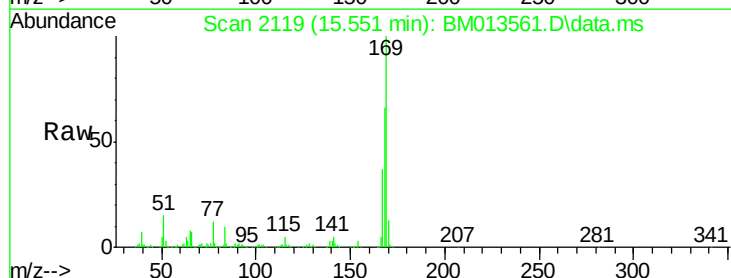
Instrument :
 BNA_M
 ClientSampleId :
 SST08012

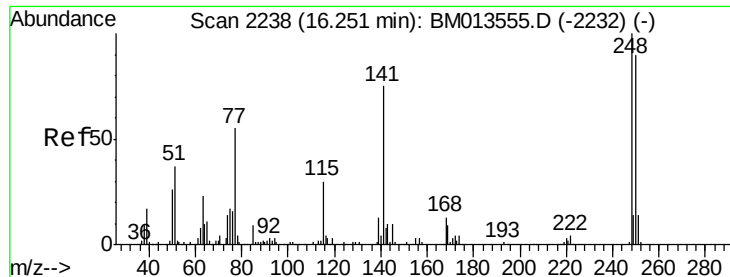
Tot Ion	Ratio	Lower	Upper
198	100		
182	3.1	3.8	5.6#
77	26.3	25.2	37.8



#64
 N-Nitrosodiphenylamine
 Concen: 80.57 ng/ul
 RT: 15.551 min Scan# 2119
 Delta R.T. 0.006 min
 Lab File: BM013561.D
 Acq: 10 Jan 2018 11:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.0	81.0
167	36.5	29.1	43.7

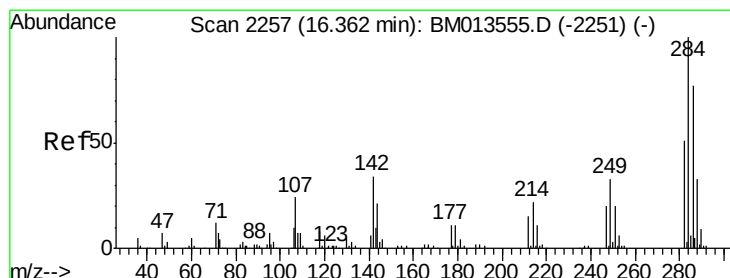
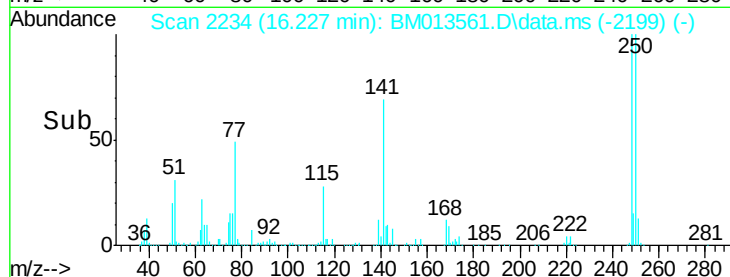
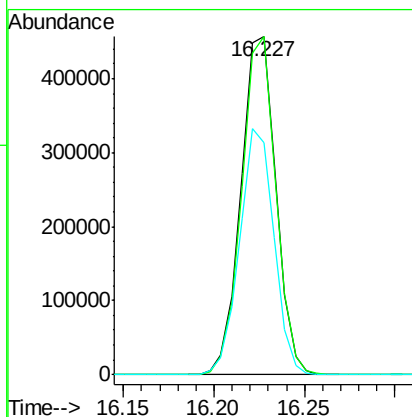
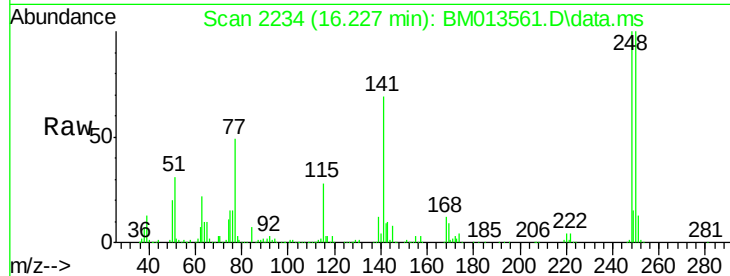




#65
4-Bromophenyl-phenylether
Concen: 80.53 ng/ul
RT: 16.227 min Scan# 2238
Delta R.T. 0.006 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

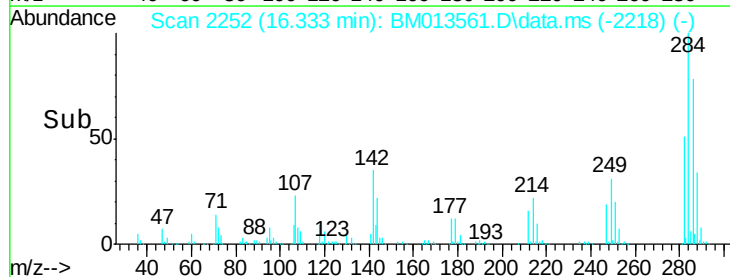
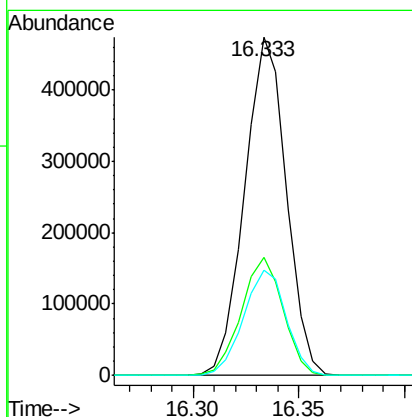
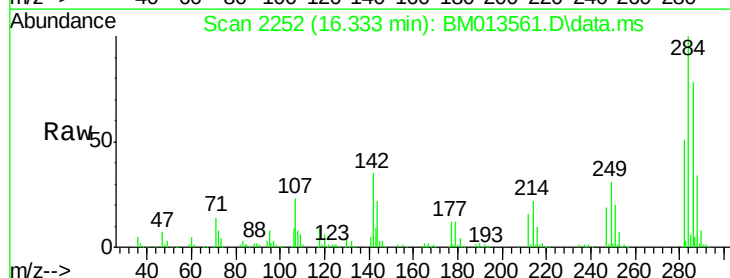
Instrument :
BNA_M
ClientSampleId :
SSTD08012

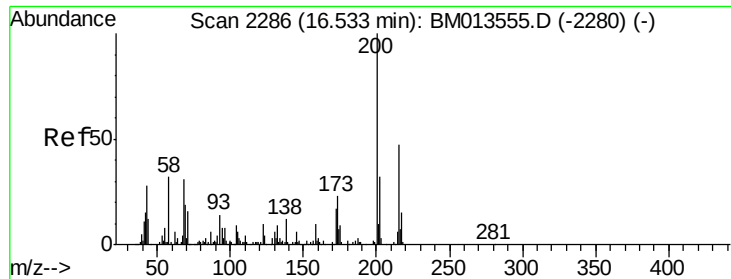
Tot Ion:248 Resp: 614343
Ion Ratio Lower Upper
248 100
250 100.0 80.5 120.7
141 68.5 53.6 80.4



#66
Hexachlorobenzene
Concen: 77.12 ng/ul
RT: 16.333 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

Tgt Ion:284 Resp: 648791
Ion Ratio Lower Upper
284 100
142 34.9 21.2 31.8#
249 31.3 24.5 36.7





#67

Atrazine

Concen: 88.17 ng/ul

RT: 16.510 min Scan# 2286

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

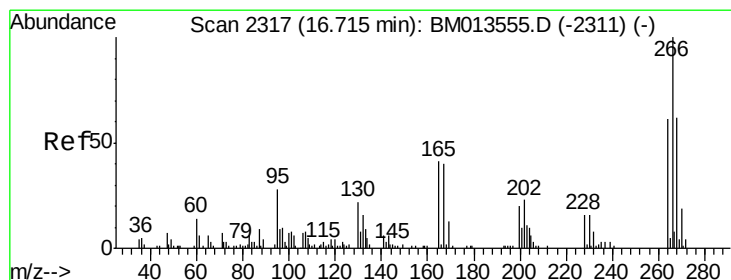
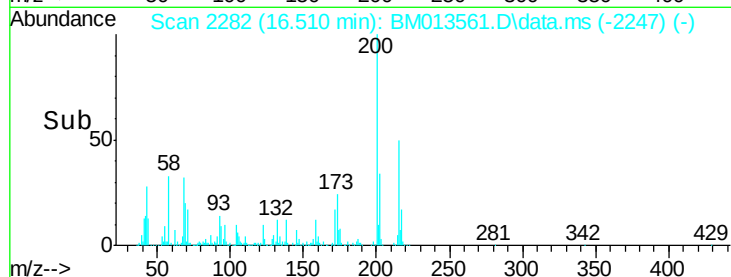
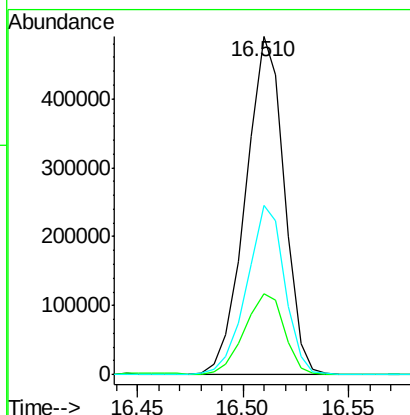
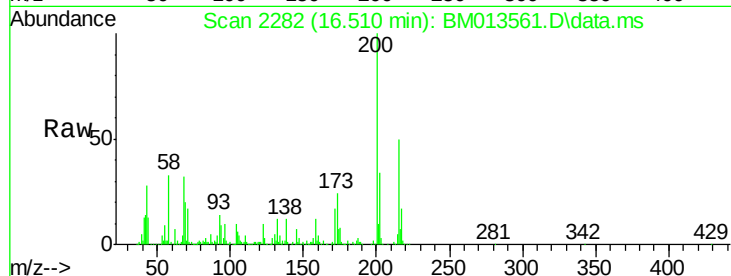
Tot Ion:200 Resp: 622133

Ion Ratio Lower Upper

200 100

173 23.9 18.2 27.2

215 50.1 35.0 52.4



#68

Pentachlorophenol

Concen: 76.91 ng/ul

RT: 16.686 min Scan# 2312

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

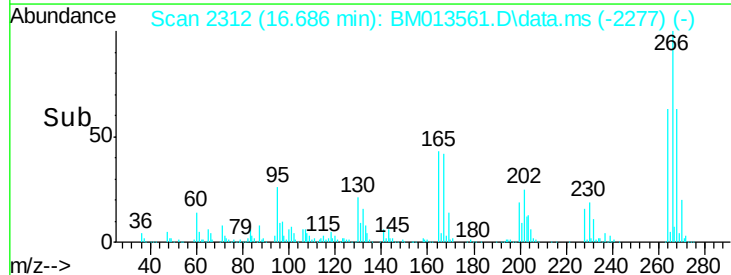
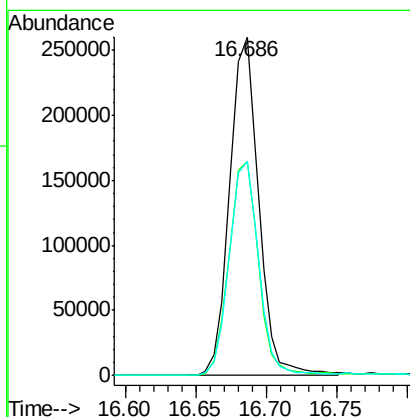
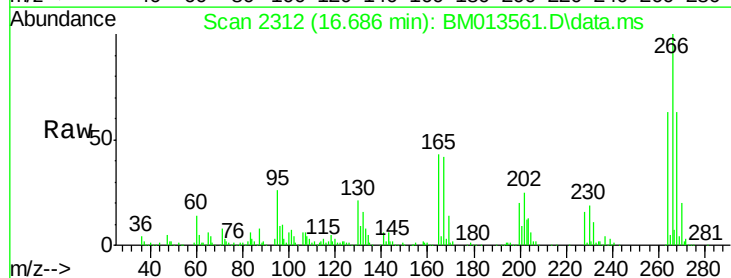
Tgt Ion:266 Resp: 374232

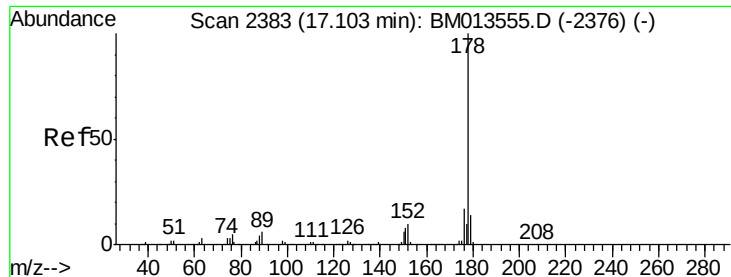
Ion Ratio Lower Upper

266 100

264 63.2 49.3 73.9

268 63.5 52.6 78.8





#69

Phenanthrene

Concen: 78.53 ng/ul

RT: 17.074 min Scan# 23

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

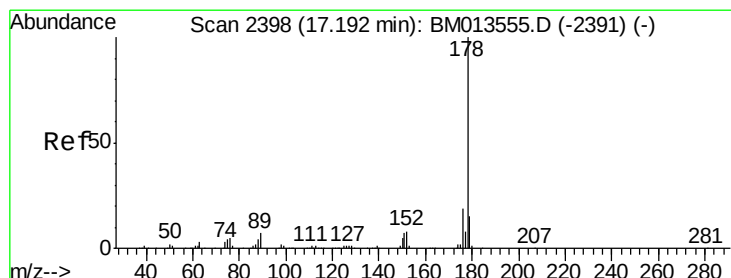
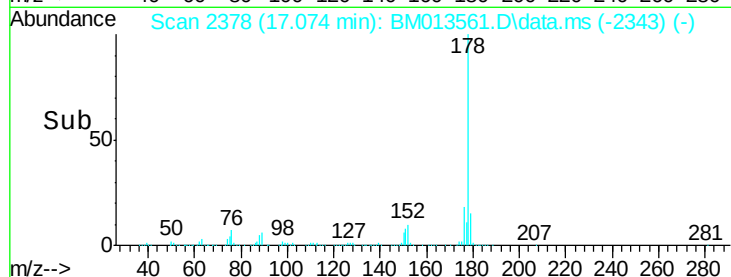
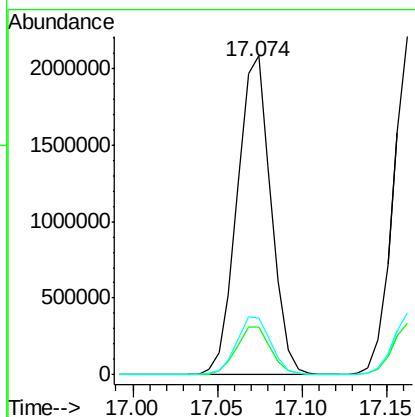
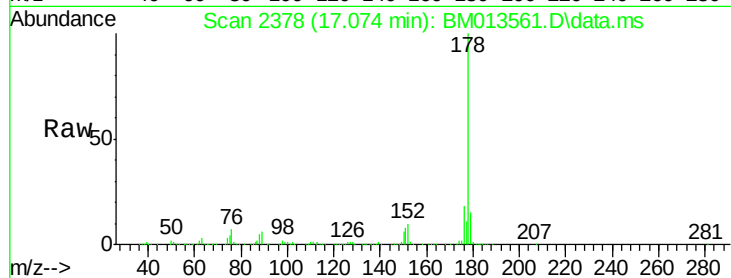
Tot Ion:178 Resp: 2895283

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

176 17.8 14.9 22.3



#71

Anthracene

Concen: 79.16 ng/ul

RT: 17.162 min Scan# 2393

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

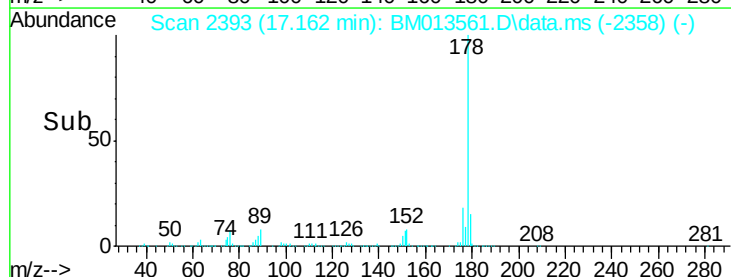
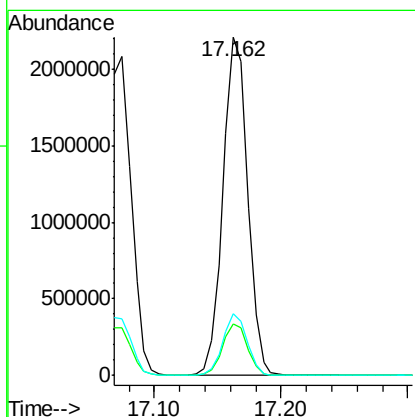
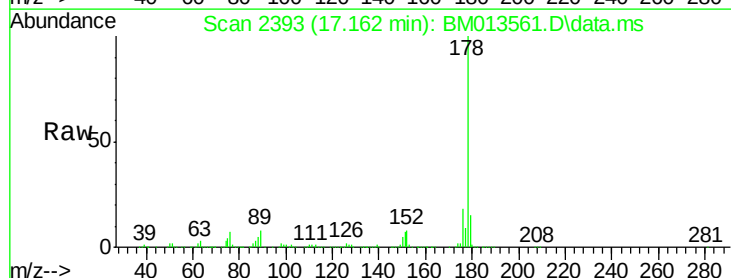
Tgt Ion:178 Resp: 2983239

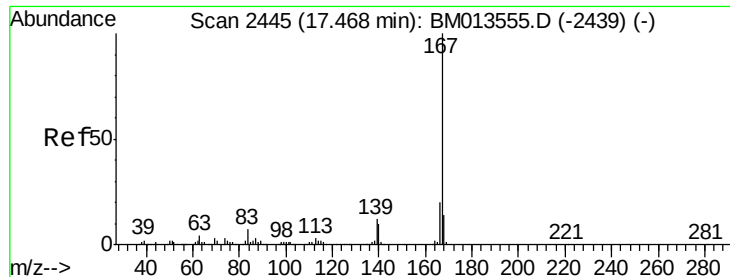
Ion Ratio Lower Upper

178 100

179 15.3 11.7 17.5

176 18.2 14.6 21.8





#72

Carbazole

Concen: 77.49 ng/ul

RT: 17.439 min Scan# 2445

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

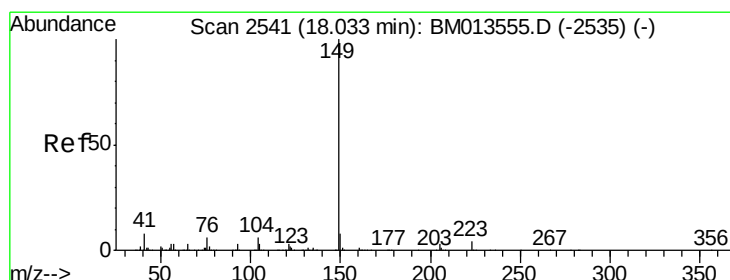
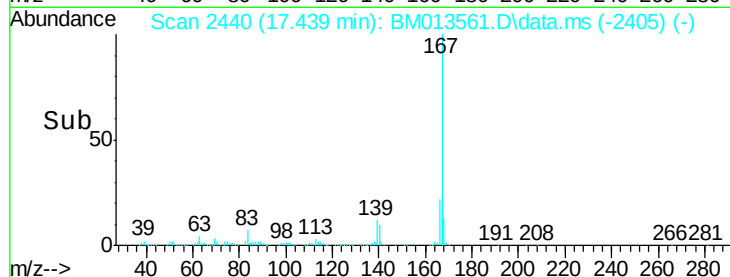
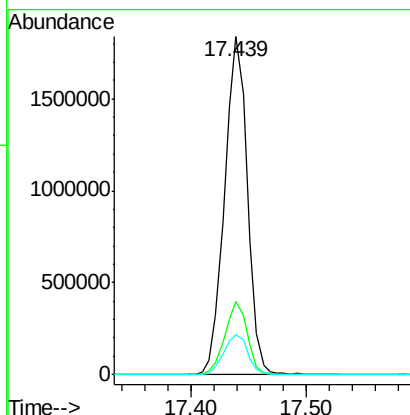
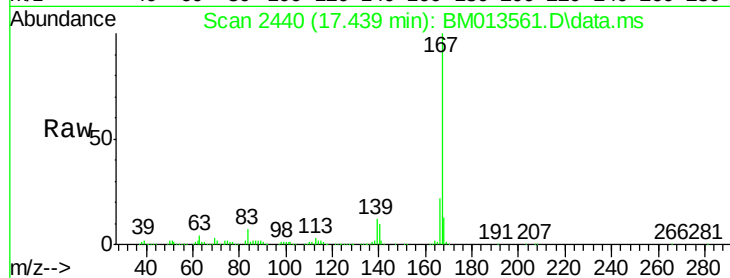
Tot Ion:167 Resp: 2511779

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 11.8 10.0 15.0



#73

Di-n-butylphthalate

Concen: 83.84 ng/ul

RT: 18.004 min Scan# 2536

Delta R.T. -0.000 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

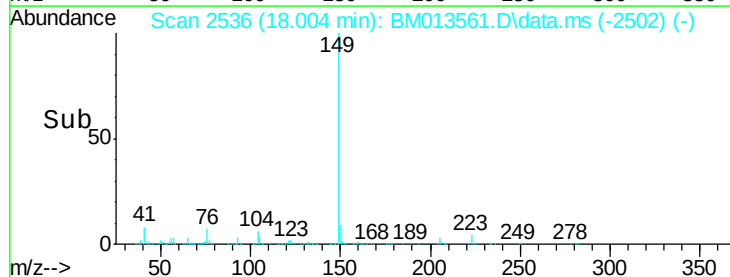
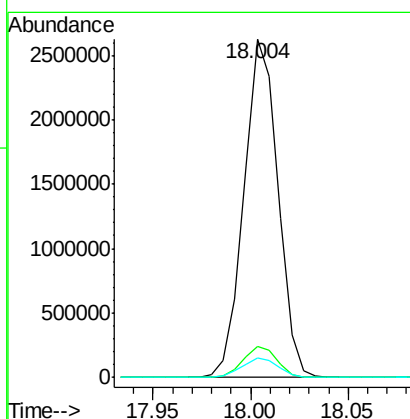
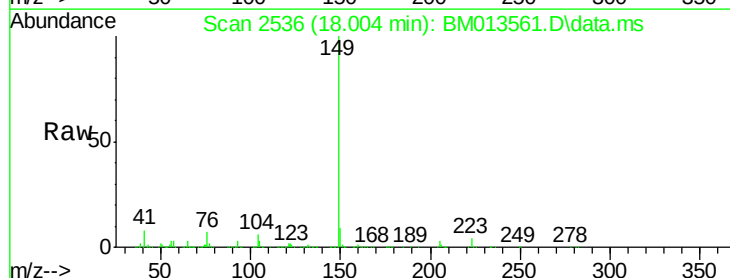
Tgt Ion:149 Resp: 3172711

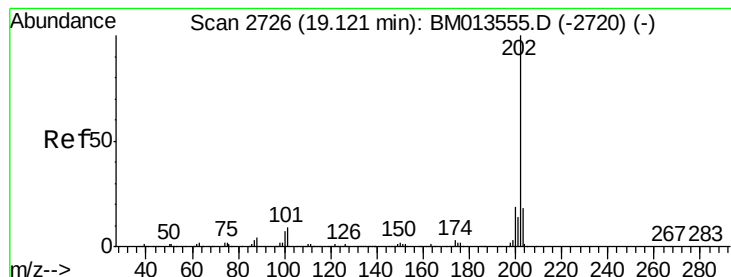
Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

104 5.8 5.6 8.4





#74

Fluoranthene

Concen: 77.83 ng/ul

RT: 19.092 min Scan# 27

Delta R.T. -0.000 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

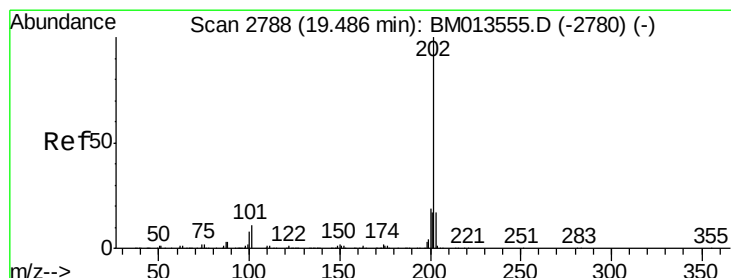
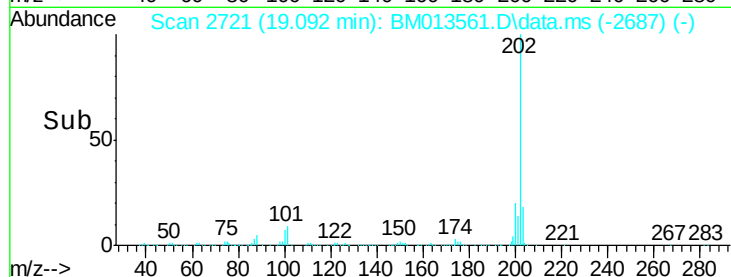
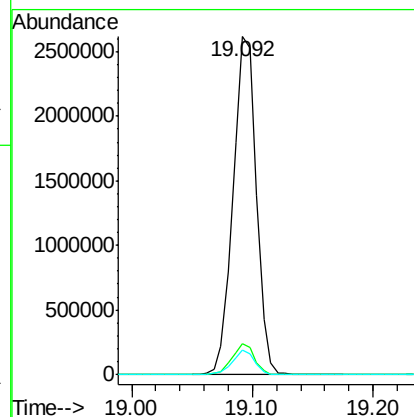
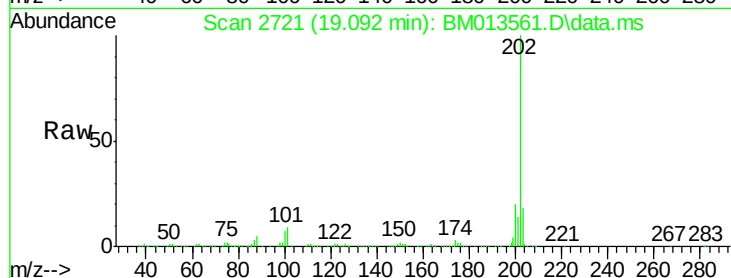
Tot Ion:202 Resp: 3516525

Ion Ratio Lower Upper

202 100

101 9.1 4.6 7.0#

100 7.2 3.4 5.2#



#77

Pyrene

Concen: 80.13 ng/ul

RT: 19.462 min Scan# 2784

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

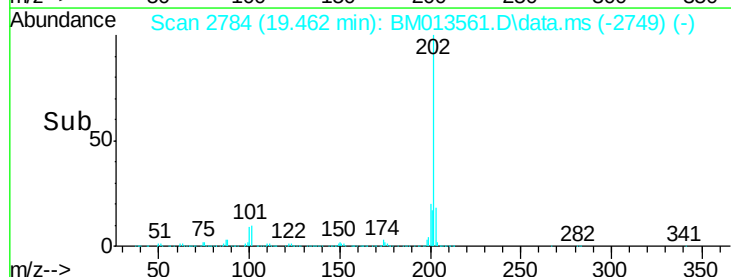
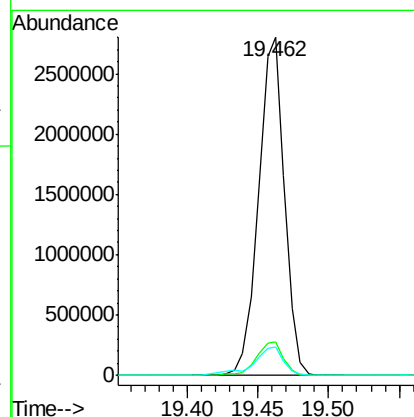
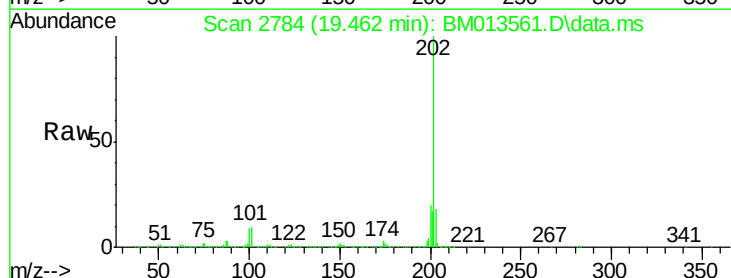
Tgt Ion:202 Resp: 3613179

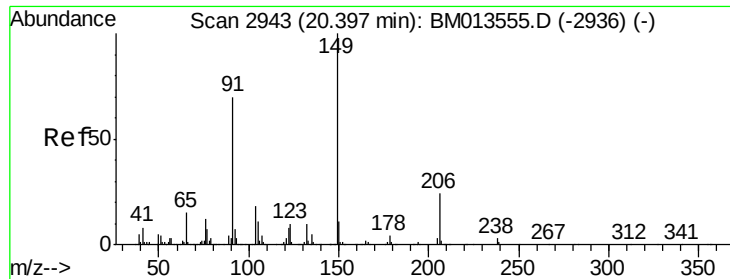
Ion Ratio Lower Upper

202 100

101 10.0 5.1 7.7#

100 8.5 4.9 7.3#

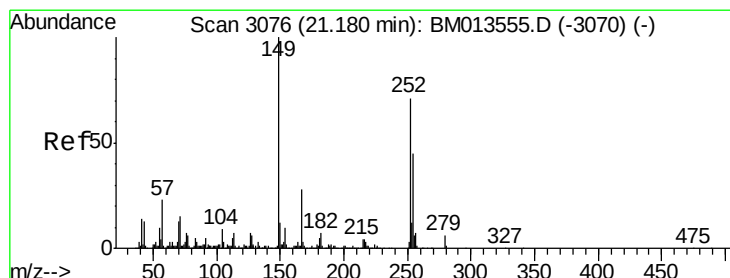
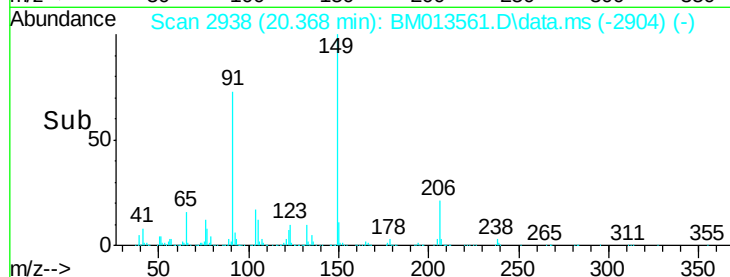
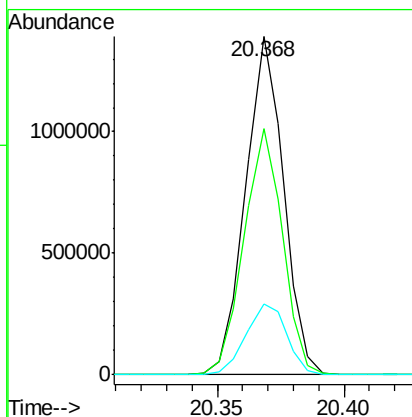
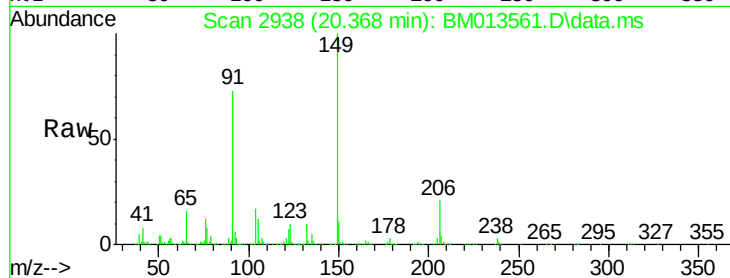




#78
Butylbenzylphthalate
Concen: 82.56 ng/ul
RT: 20.368 min Scan# 2943
Delta R.T. -0.000 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

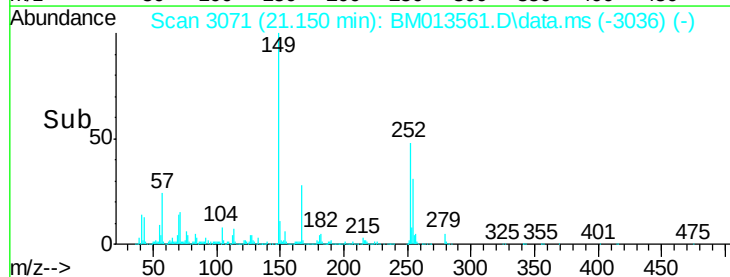
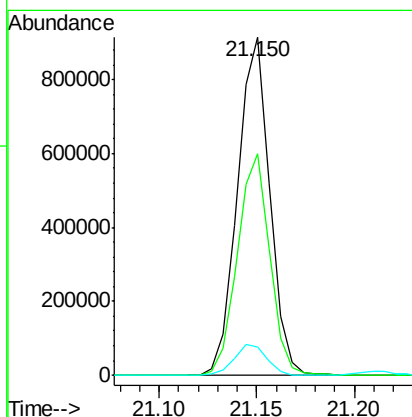
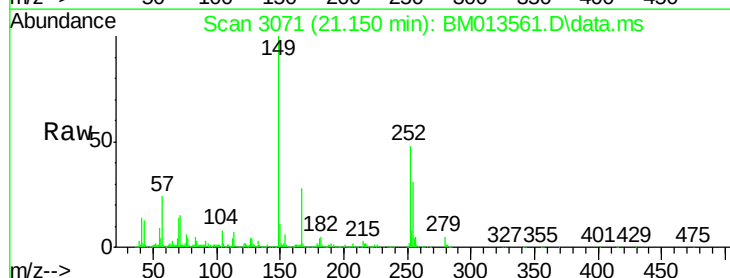
Instrument :
BNA_M
ClientSampleId :
SSTD08012

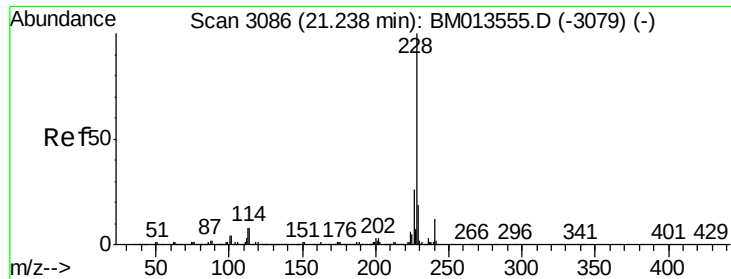
Tot Ion:149 Resp: 1454511
Ion Ratio Lower Upper
149 100
91 72.8 62.7 94.1
206 21.1 20.8 31.2



#79
3,3'-Dichlorobenzidine
Concen: 67.09 ng/ul
RT: 21.150 min Scan# 3071
Delta R.T. 0.006 min
Lab File: BM013561.D
Acq: 10 Jan 2018 11:36

Tgt Ion:252 Resp: 1046709
Ion Ratio Lower Upper
252 100
254 65.5 54.5 81.7
126 8.2 5.8 8.8





#80

Benzo(a)anthracene

Concen: 76.27 ng/ul

RT: 21.209 min Scan# 3086

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

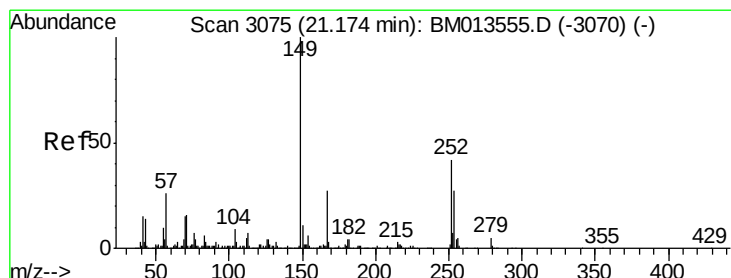
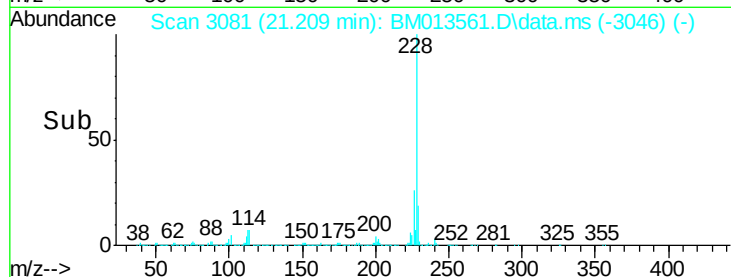
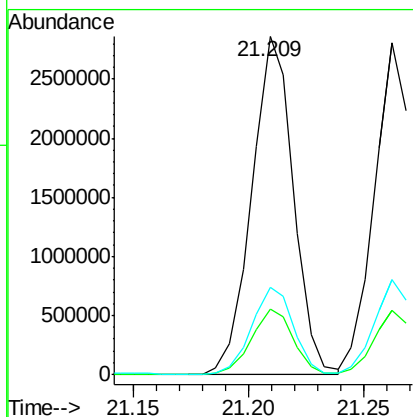
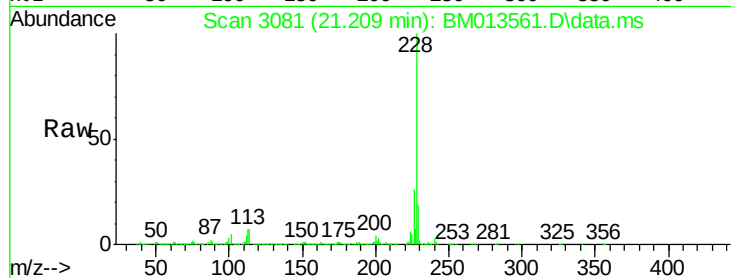
BNA_M

ClientSampleId :

SSTD08012

Tot Ion:228 Resp: 3591669

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.4	23.0
226	25.7	21.4	32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 81.78 ng/ul

RT: 21.145 min Scan# 3070

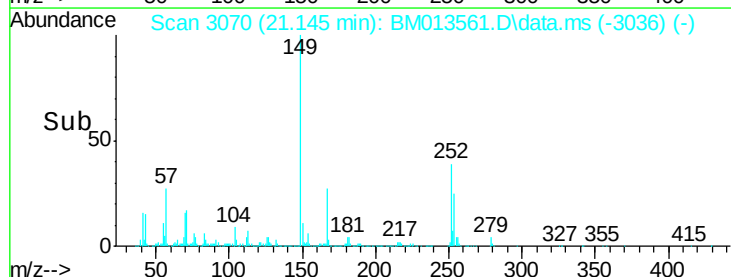
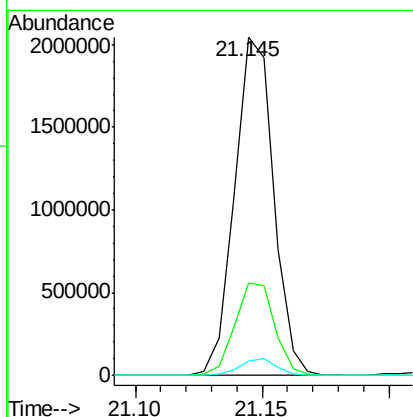
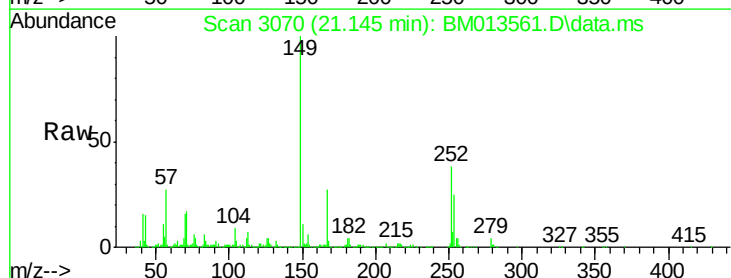
Delta R.T. -0.000 min

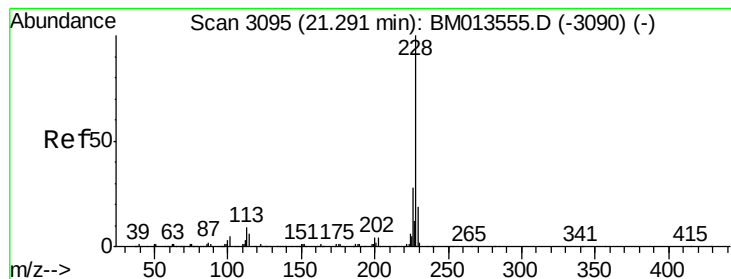
Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Tgt Ion:149 Resp: 2171604

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.8	34.2
279	4.1	4.9	7.3#





#82

Chrysene

Concen: 73.25 ng/ul

RT: 21.262 min Scan# 3090

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

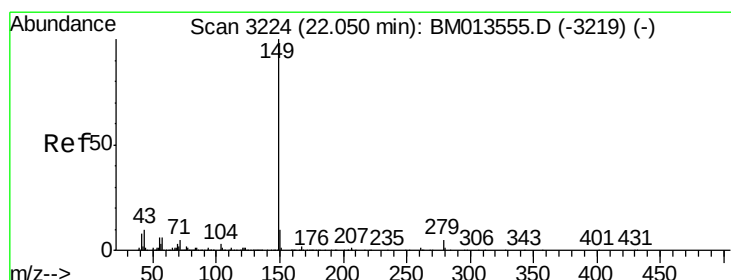
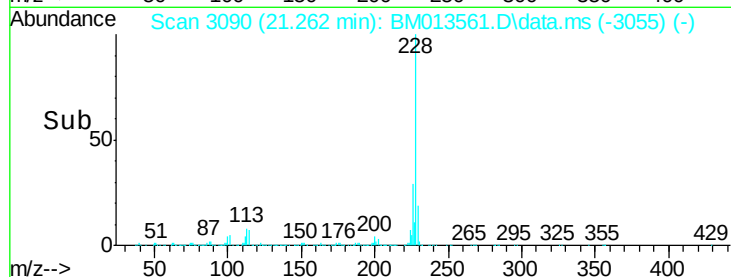
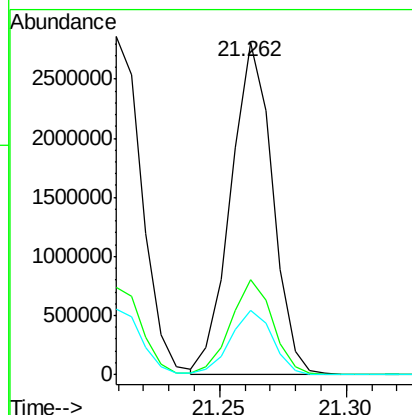
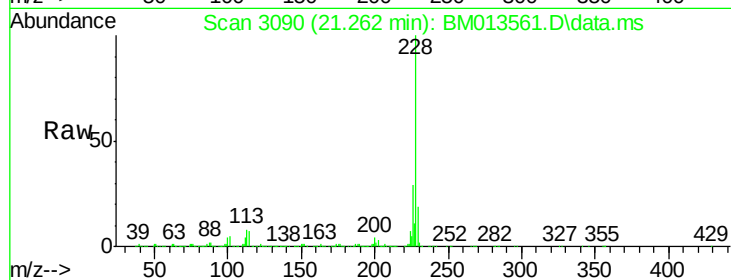
BNA_M

ClientSampleId :

SSTD08012

Tot Ion:228 Resp: 3200168

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	19.2	15.5	23.3



#84

Di-n-octyl phthalate

Concen: 70.28 ng/ul

RT: 22.015 min Scan# 3218

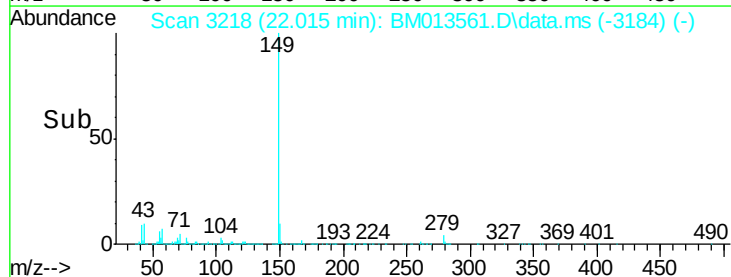
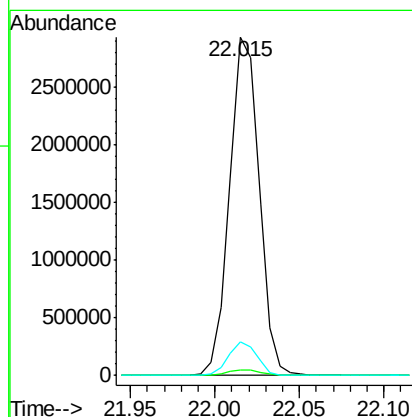
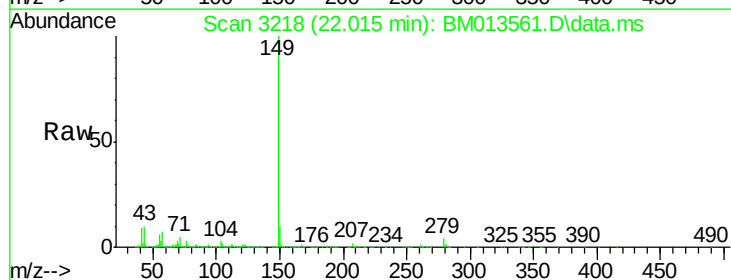
Delta R.T. -0.000 min

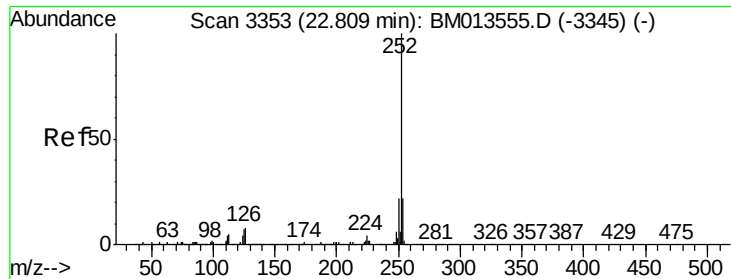
Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Tgt Ion:149 Resp: 3562198

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.9	7.3	10.9





#85

Benzo(b)fluoranthene

Concen: 73.39 ng/ul

RT: 22.774 min Scan# 33

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

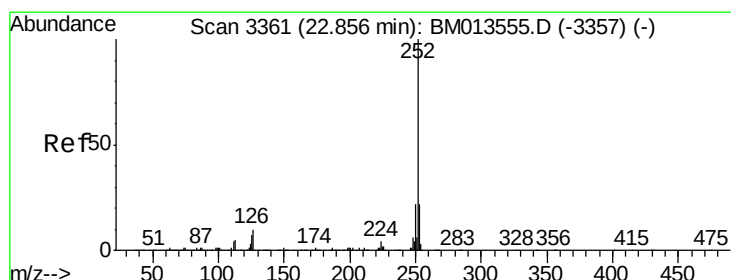
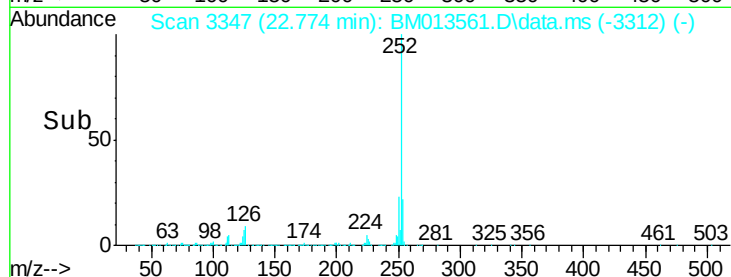
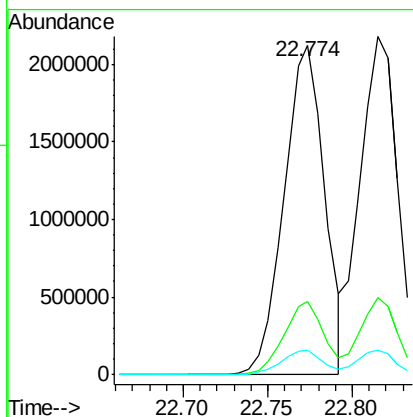
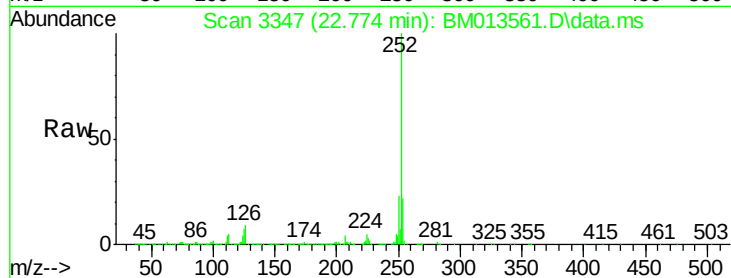
Tot Ion:252 Resp: 3526542

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 7.4 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 75.02 ng/ul

RT: 22.815 min Scan# 3354

Delta R.T. 0.006 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

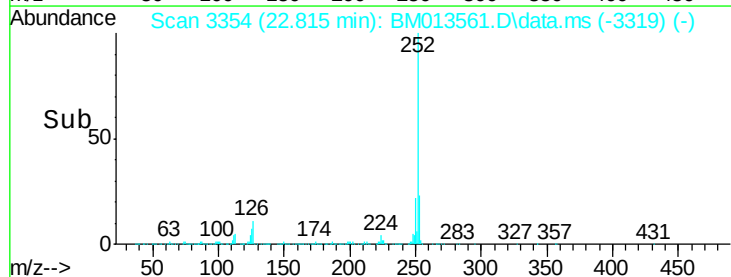
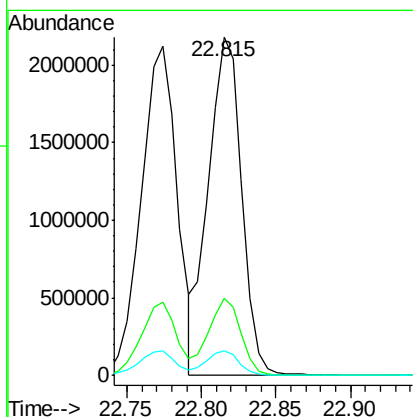
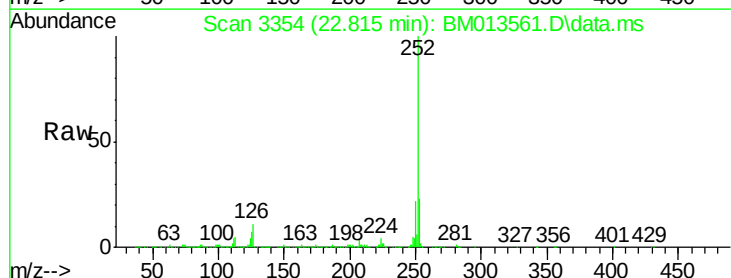
Tgt Ion:252 Resp: 3392500

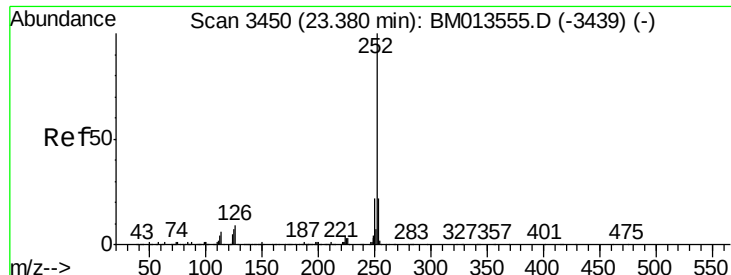
Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

125 7.2 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 76.87 ng/ul

RT: 23.339 min Scan# 34

Delta R.T. 0.012 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

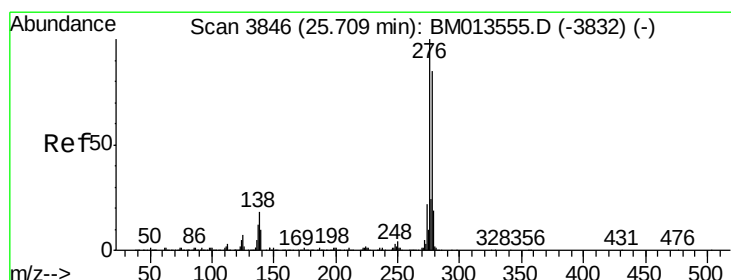
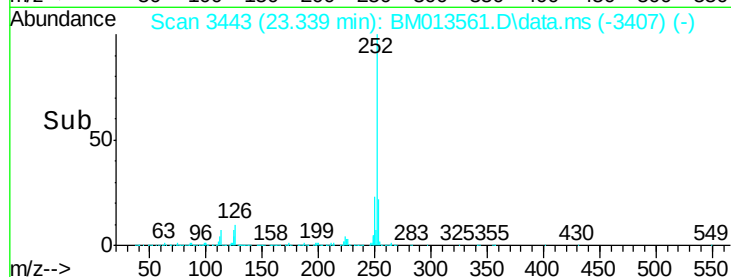
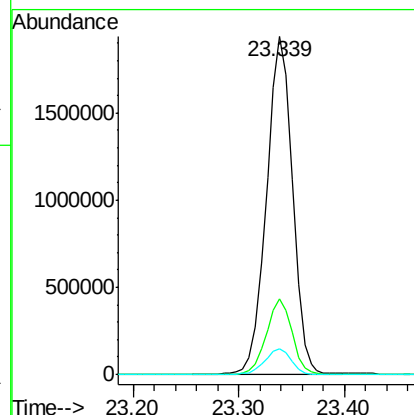
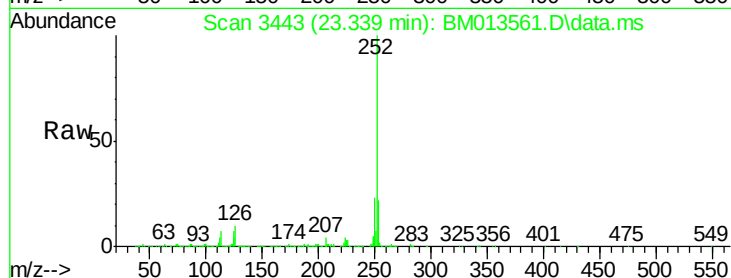
BNA_M

ClientSampleId :

SSTD08012

Tot Ion:252 Resp: 3318024

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	7.5	4.0	6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 88.55 ng/ul

RT: 25.644 min Scan# 3835

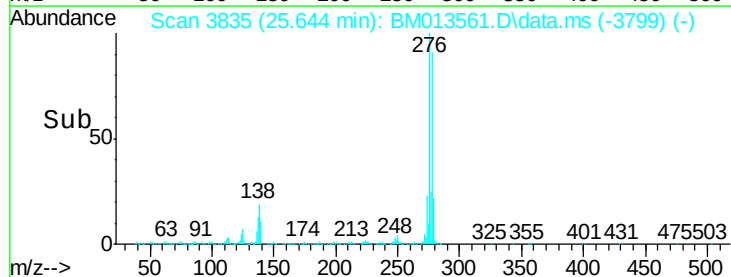
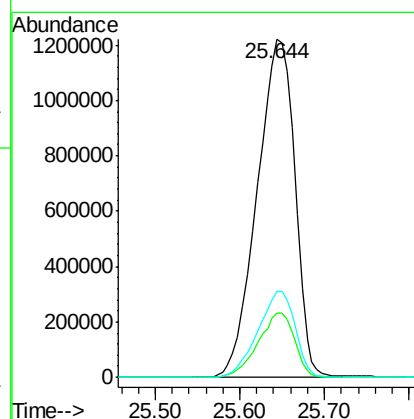
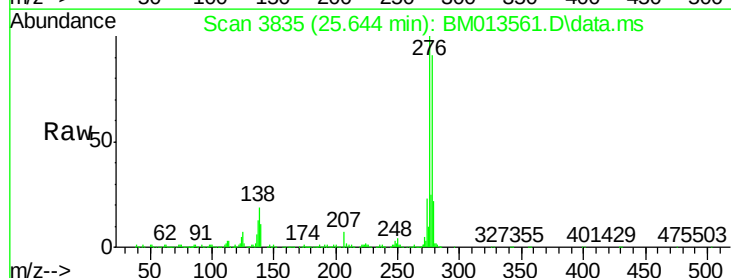
Delta R.T. 0.012 min

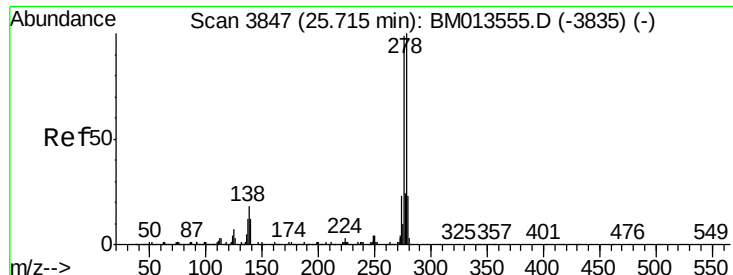
Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Tgt Ion:276 Resp: 3792606

Ion	Ratio	Lower	Upper
276	100		
138	18.9	9.3	13.9#
277	25.4	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 88.23 ng/ul

RT: 25.656 min Scan# 38

Delta R.T. 0.017 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD08012

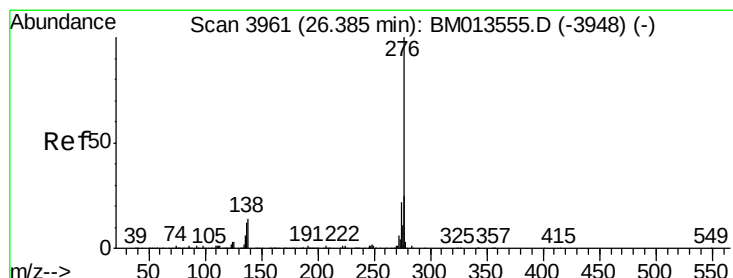
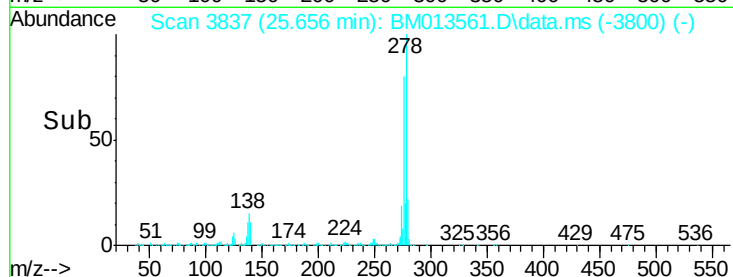
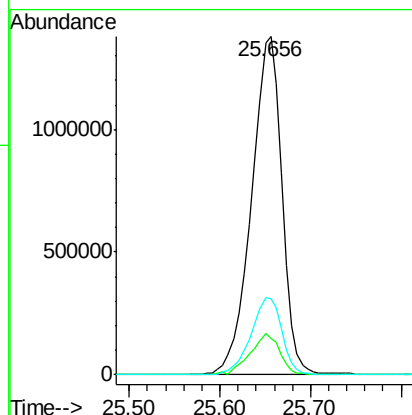
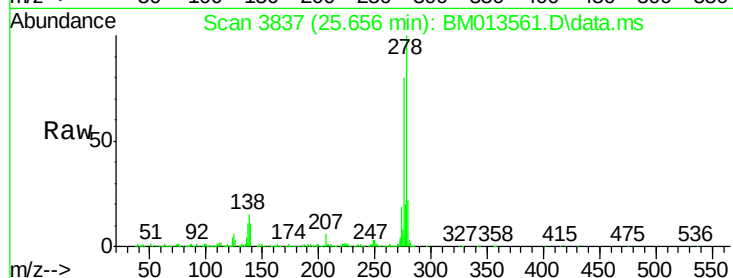
Tot Ion:278 Resp: 3217681

Ion Ratio Lower Upper

278 100

139 10.7 5.8 8.8#

279 22.3 18.6 27.8



#91

Benzo(g,h,i)perylene

Concen: 92.28 ng/ul

RT: 26.315 min Scan# 3949

Delta R.T. 0.012 min

Lab File: BM013561.D

Acq: 10 Jan 2018 11:36

Tgt Ion:276 Resp: 3117592

Ion Ratio Lower Upper

276 100

138 16.5 8.5 12.7#

277 23.3 18.6 28.0

