

Data Path : Z:\HPCHEM1\BNA M\Data\BM011018\
 Data File : BM013557.D
 Acq On : 10 Jan 2018 09:14
 Operator : SJ/JU
 Sample : SSTD00508
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00508

Quant Time: Jan 10 12:09:01 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	89354	20.00	ng/ul	0.00
18) Naphthalene-d8	10.404	136	337810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.274	164	201383	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.027	188	473002	20.00	ng/ul	0.00
75) Chrysene-d12	21.221	240	568664	20.00	ng/ul	0.00
83) Perylene-d12	23.427	264	581947	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.175	96	4860	2.69	ng/uL	0.00
5) Phenol-d5	6.810	99	31656	4.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.969	67	21822	4.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.163	132	26598	4.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.339	113	24326	3.68	ng/ul	0.00
19) Nitrobenzene-d5	8.781	128	13214	4.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.504	143	13147	4.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.033	165	22894	3.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.557	131	15798	2.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.692	166	82839	4.62	ng/ul	0.00
46) Acenaphthylene-d8	13.963	160	101796	4.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.504	143	9676	3.11	ng/ul	0.00
57) Fluorene-d10	15.274	176	70373	4.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.415	200	10759	3.62	ng/ul	0.00
70) Anthracene-d10	17.127	188	112989	4.77	ng/ul	0.00
76) Pyrene-d10	19.427	212	124916	4.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.286	264	129465	4.37	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.205	88	6372	3.15	ng/uL#	54
4) Benzaldehyde	6.781	77	25522	6.67	ng/ul	96
6) Phenol	6.840	94	33045	4.32	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.063	93	25706	4.40	ng/ul#	86
10) 2-Chlorophenol	7.192	128	27750	4.68	ng/ul#	87
11) 2-Methylphenol	8.075	108	23017	3.89	ng/ul	83
12) 2,2'-oxybis(1-Chloropr...	8.163	45	28365	4.62	ng/ul#	83
14) Acetophenone	8.445	105	42282	4.21	ng/ul	94
15) N-Nitroso-di-n-propyla...	8.428	70	20541	4.06	ng/ul#	64
16) 4-Methylphenol	8.398	108	25885	4.10	ng/ul	90
17) Hexachloroethane	8.692	117	15043	5.83	ng/ul#	65
20) Nitrobenzene	8.822	77	34922	5.17	ng/ul	96
21) Isophorone	9.345	82	53893	4.54	ng/ul#	95
23) 2-Nitrophenol	9.528	139	14563	4.90	ng/ul#	78
24) 2,4-Dimethylphenol	9.598	107	29349	4.53	ng/ul	93
25) Bis(2-Chloroethoxy)met...	9.834	93	31921	4.59	ng/ul#	93
27) 2,4-Dichlorophenol	10.063	162	24095	4.42	ng/ul#	92
28) Naphthalene	10.451	128	81835	4.71	ng/ul	98
30) 4-Chloroaniline	10.575	127	16262	3.09	ng/ul#	88
31) Hexachlorobutadiene	10.733	225	22706	5.74	ng/ul	95
32) Caprolactam	11.357	113	5707	3.27	ng/ul#	17
33) 4-Chloro-3-methylphenol	11.704	107	12401	2.07	ng/ul	94
34) 2-Methylnaphthalene	12.075	142	62601	4.79	ng/ul	91

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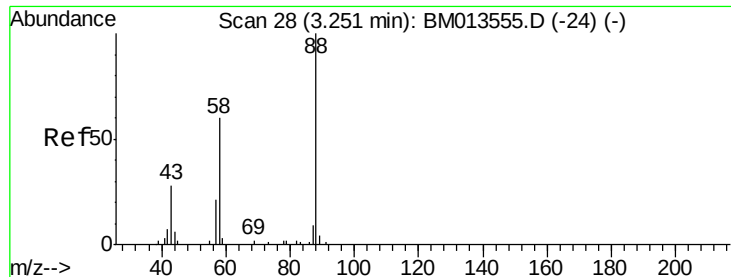
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachloroben...	12.451	216	37863	5.21	ng/ul#	91
37) Hexachlorocyclopentadiene	12.422	237	8367	1.75	ng/ul	93
38) 2,4,6-Trichlorophenol	12.704	196	19398	4.28	ng/ul	97
39) 2,4,5-Trichlorophenol	12.780	196	20292	4.22	ng/ul	96
40) 1,1'-Biphenyl	13.104	154	82350	4.84	ng/ul#	98
41) 2-Chloronaphthalene	13.139	162	64552	4.83	ng/ul	92
42) 2-Nitroaniline	13.363	65	15482	3.96	ng/ul	97
44) Dimethylphthalate	13.739	163	84726	4.94	ng/ul#	96
45) 2,6-Dinitrotoluene	13.869	165	14177	4.06	ng/ul#	90
47) Acenaphthylene	13.992	152	93629	4.58	ng/ul	100
48) 3-Nitroaniline	14.198	138	8918	2.85	ng/ul#	74
49) Acenaphthene	14.339	153	66679	4.78	ng/ul	98
50) 2,4-Dinitrophenol	14.410	184	2450	1.27	ng/ul	93
52) 4-Nitrophenol	14.516	109	7036	2.30	ng/ul#	71
53) Dibenzofuran	14.680	168	101570	4.94	ng/ul	97
54) 2,4-Dinitrotoluene	14.663	165	18159	3.57	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	14.916	232	19530	4.43	ng/ul#	93
56) Diethylphthalate	15.110	149	79243	4.61	ng/ul	94
58) Fluorene	15.327	166	81855	4.81	ng/ul	98
59) 4-Chlorophenyl-phenyle...	15.327	204	45726	4.95	ng/ul	96
60) 4-Nitroaniline	15.363	138	10199	2.77	ng/ul	87
63) 4,6-Dinitro-2-methylph...	15.427	198	9417	3.17	ng/ul#	98
64) N-Nitrosodiphenylamine	15.545	169	70569	5.06	ng/ul	94
65) 4-Bromophenyl-phenylether	16.227	248	28051	5.04	ng/ul	90
66) Hexachlorobenzene	16.333	284	30643	5.00	ng/ul#	84
67) Atrazine	16.504	200	25098	4.88	ng/ul	95
68) Pentachlorophenol	16.680	266	11473	3.24	ng/ul#	79
69) Phenanthrene	17.068	178	130978	4.87	ng/ul	98
71) Anthracene	17.157	178	134836	4.91	ng/ul	97
72) Carbazole	17.439	167	101763	4.31	ng/ul	94
73) Di-n-butylphthalate	18.004	149	117298	4.25	ng/ul#	96
74) Fluoranthene	19.092	202	148633	4.51	ng/ul#	96
77) Pyrene	19.456	202	168138	4.87	ng/ul#	96
78) Butylbenzylphthalate	20.368	149	49411	3.66	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.150	252	35339	2.96	ng/ul#	93
80) Benzo(a)anthracene	21.203	228	167317	4.64	ng/ul	99
81) Bis(2-ethylhexyl)phtha...	21.145	149	73987	3.64	ng/ul	96
82) Chrysene	21.256	228	159556	4.77	ng/ul	98
84) Di-n-octyl phthalate	22.015	149	129183	3.12	ng/ul#	97
85) Benzo(b)fluoranthene	22.768	252	163228	4.16	ng/ul	94
86) Benzo(k)fluoranthene	22.768	252	163228	4.42	ng/ul	96
88) Benzo(a)pyrene	23.327	252	163944	4.65	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.632	276	207003	5.92	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.632	278	172197	5.78	ng/ul#	96
91) Benzo(g,h,i)perylene	26.297	276	167606	6.08	ng/ul#	94

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



#2

1,4-Dioxane

Concen: 3.15 ng/uL

RT: 3.205 min Scan# 20

Delta R.T. -0.000 min

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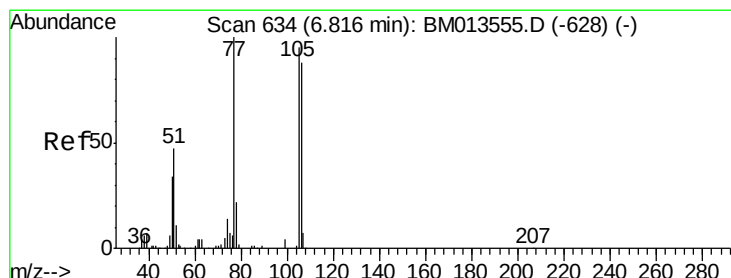
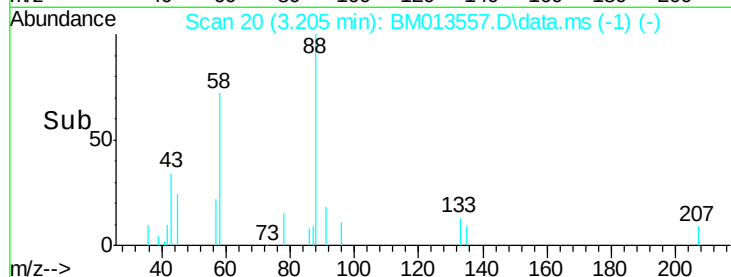
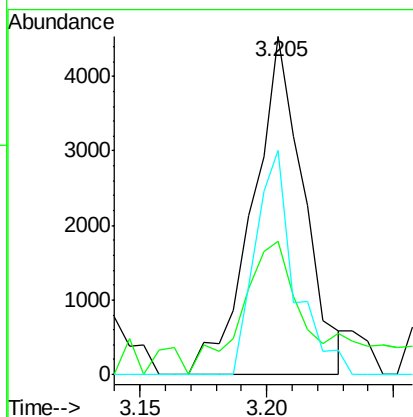
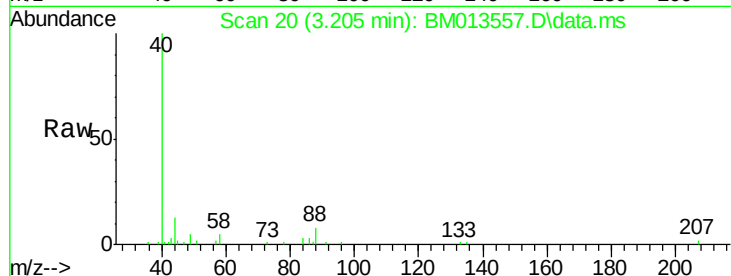
Tot Ion: 88 Resp: 6372

Ion Ratio Lower Upper

88 100

43 28.4 48.0 72.0#

58 51.3 80.0 120.0#



#4

Benzaldehyde

Concen: 6.67 ng/uL

RT: 6.781 min Scan# 628

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

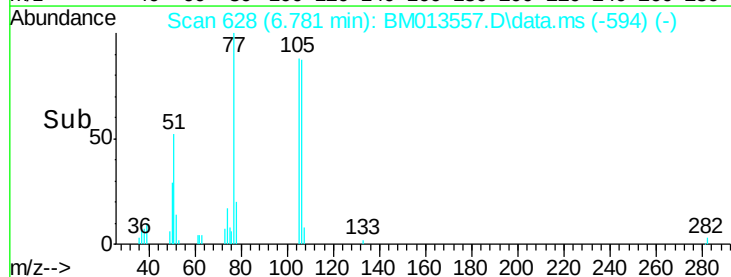
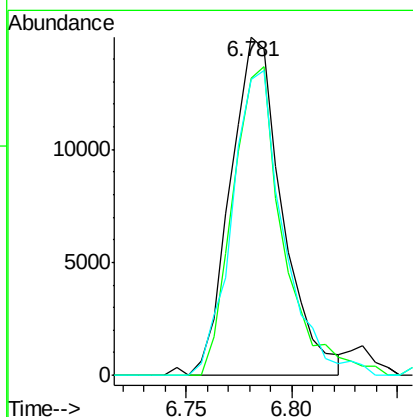
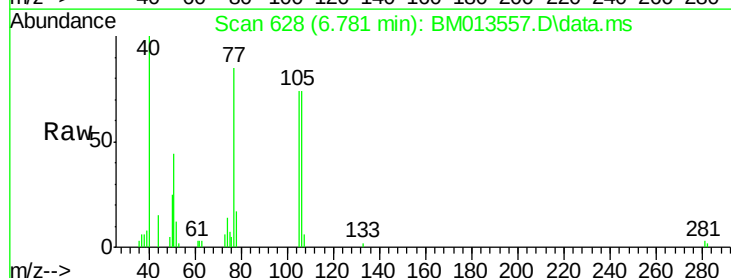
Tgt Ion: 77 Resp: 25522

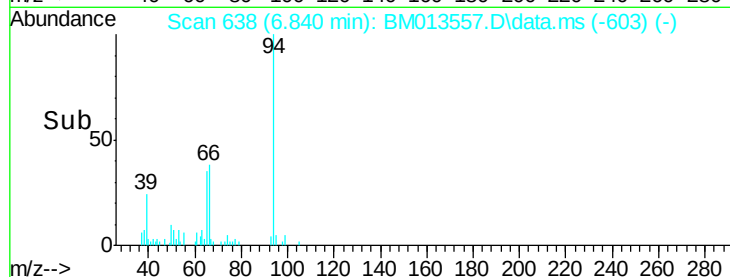
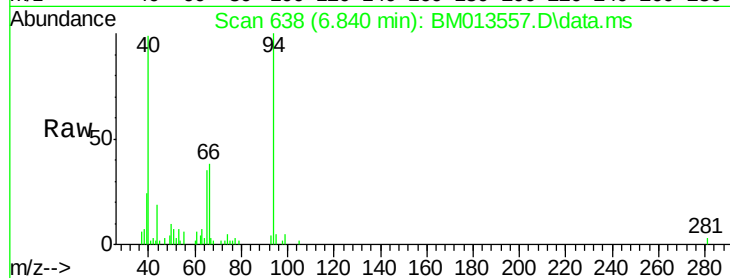
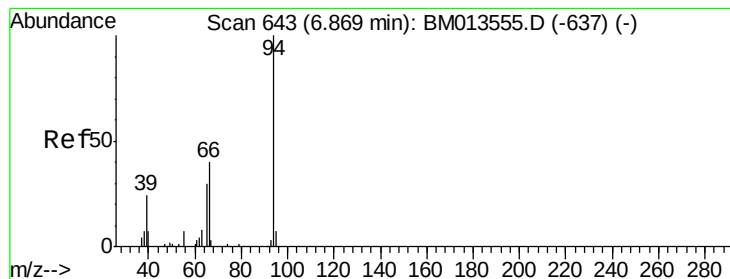
Ion Ratio Lower Upper

77 100

105 88.0 66.1 99.1

106 87.5 67.8 101.6





#6

Phenol

Concen: 4.32 ng/ul

RT: 6.840 min Scan# 63

Delta R.T. 0.006 min

Lab File: BM013557.D

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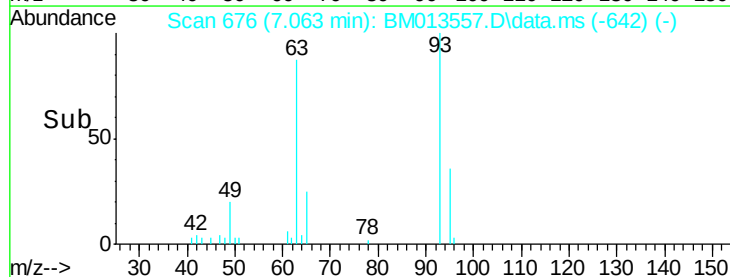
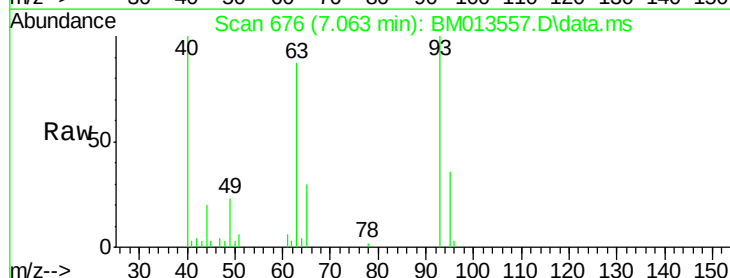
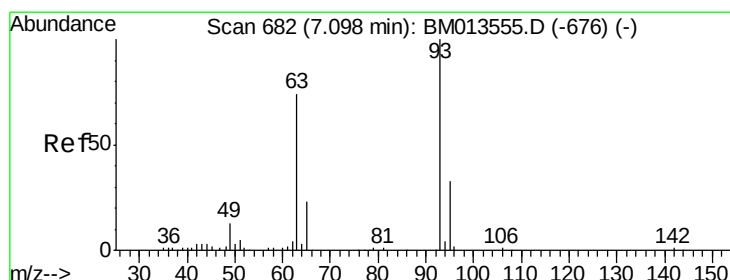
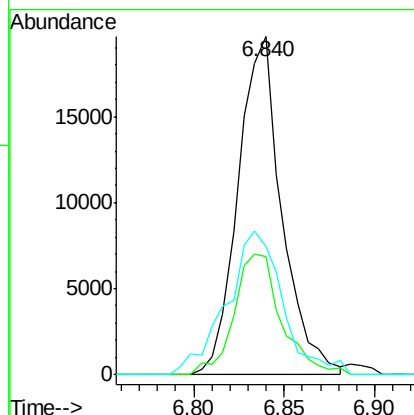
Tot Ion: 94 Resp: 33045

Ion Ratio Lower Upper

94 100

65 35.0 28.2 42.4

66 37.9 47.2 70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 4.40 ng/ul

RT: 7.063 min Scan# 676

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

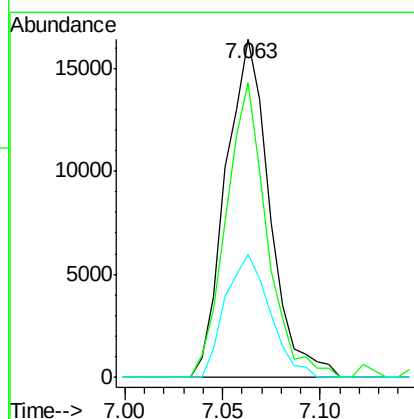
Tgt Ion: 93 Resp: 25706

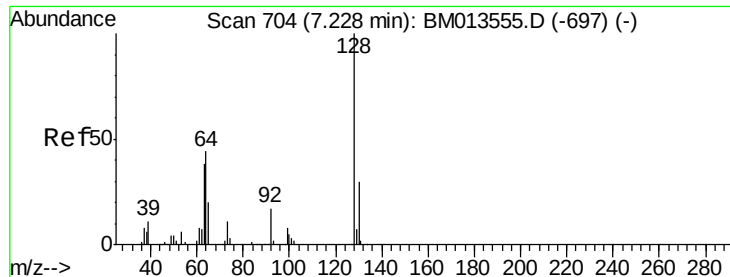
Ion Ratio Lower Upper

93 100

63 87.2 57.3 85.9#

95 36.2 26.6 39.8

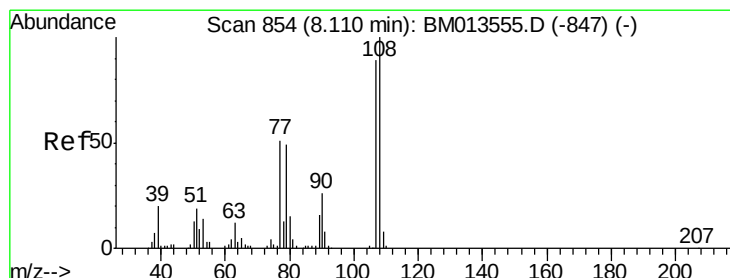
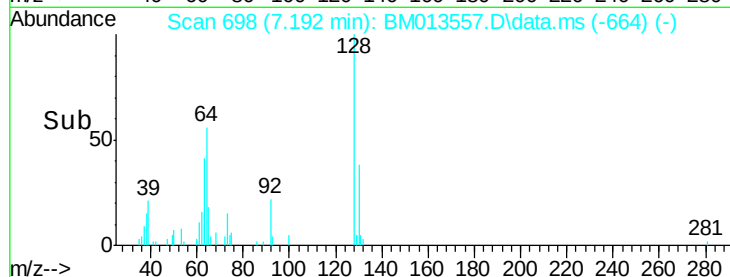
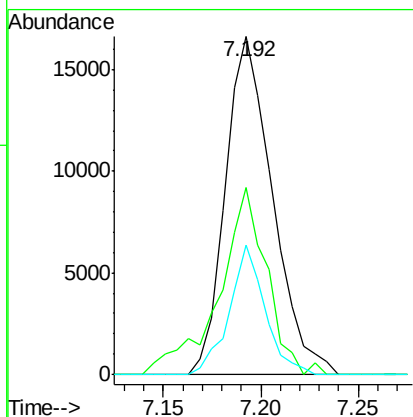
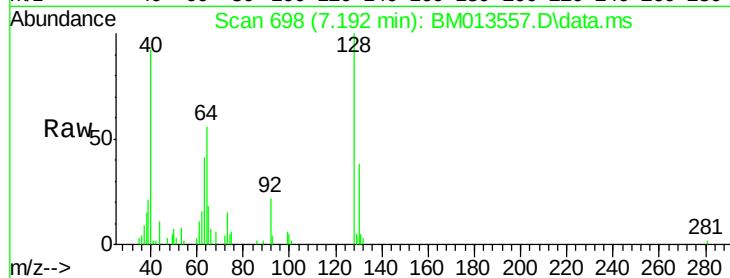




#10
2-Chlorophenol
Concen: 4.68 ng/ul
RT: 7.192 min Scan# 69
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

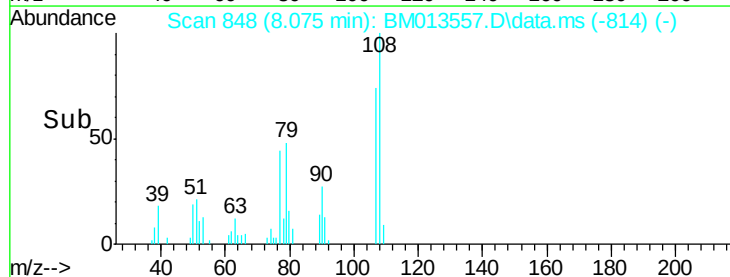
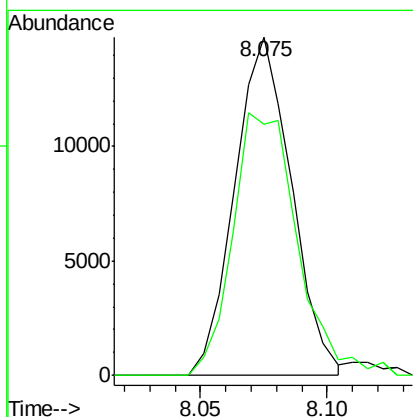
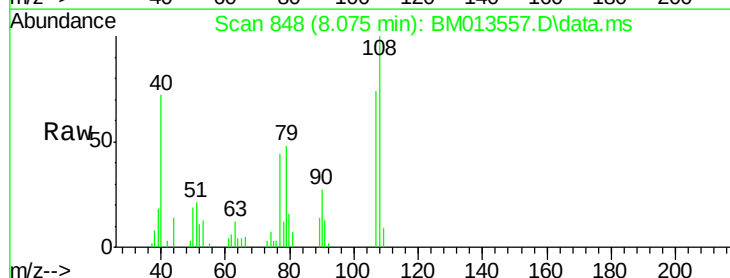
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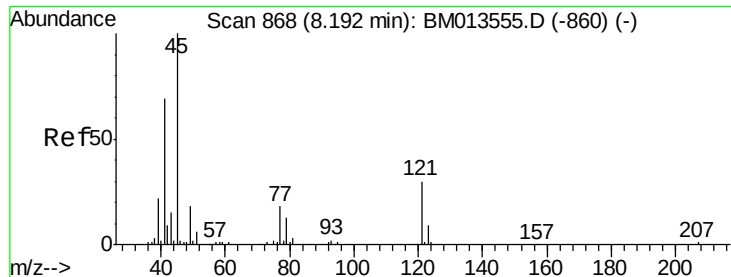
Tot Ion	Ratio	Lower	Upper
128	100		
64	55.5	38.0	57.0
130	38.2	24.4	36.6



#11
2-Methylphenol
Concen: 3.89 ng/ul
RT: 8.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

Tgt Ion	Ratio	Lower	Upper
108	100		
107	74.4	72.6	108.8

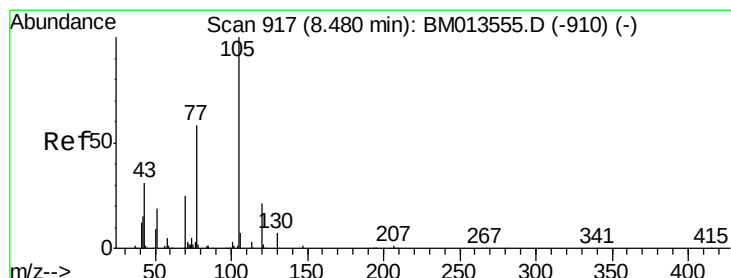
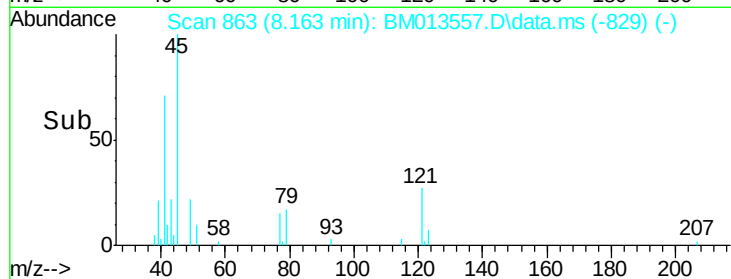
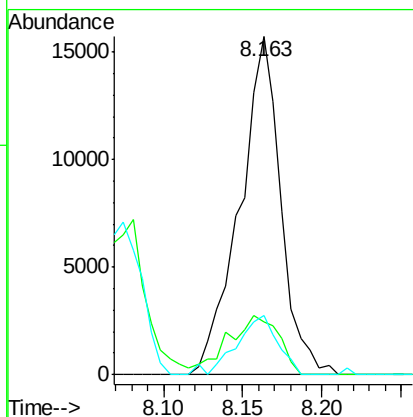
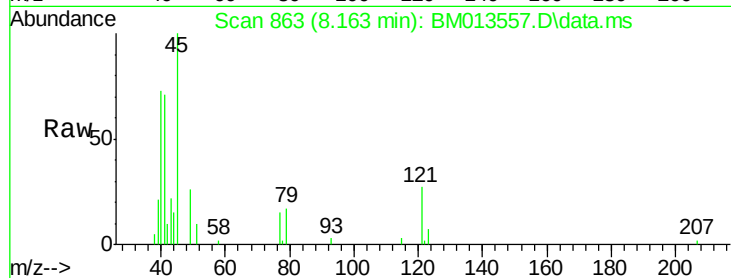




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 4.62 ng/ul
 RT: 8.163 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

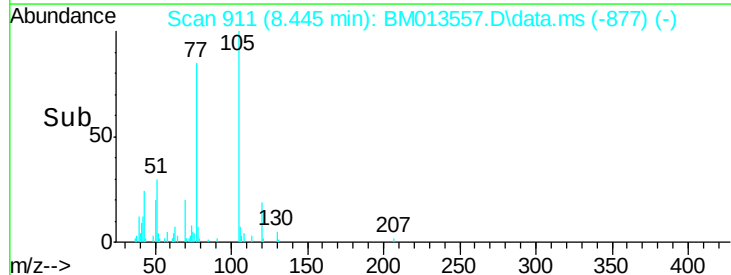
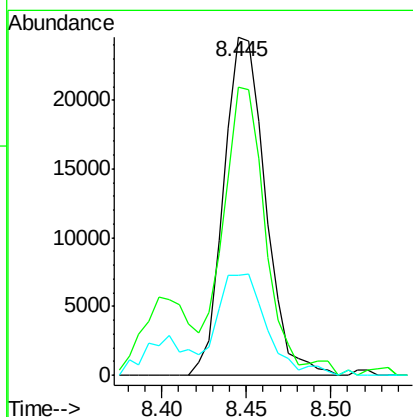
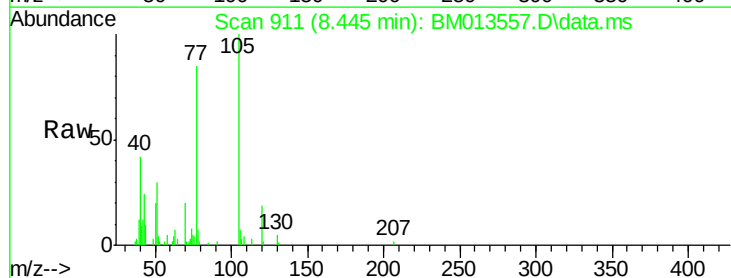
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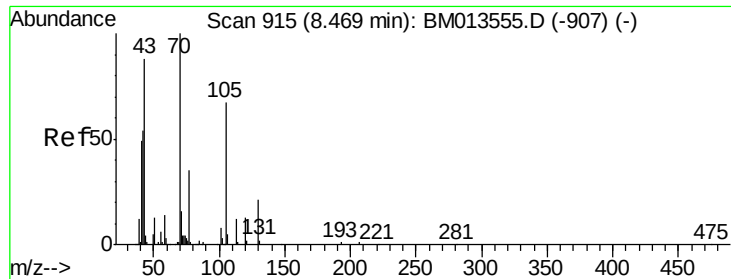
Tot Ion	45	Resp	28365
Ion Ratio	100	Lower	Upper
77	15.5	8.0	12.0#
79	17.5	8.0	12.0#



#14
 Acetophenone
 Concen: 4.21 ng/ul
 RT: 8.445 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

Tgt Ion	105	Resp	42282
Ion Ratio	100	Lower	Upper
77	85.2	74.2	111.4
51	29.7	23.4	35.2

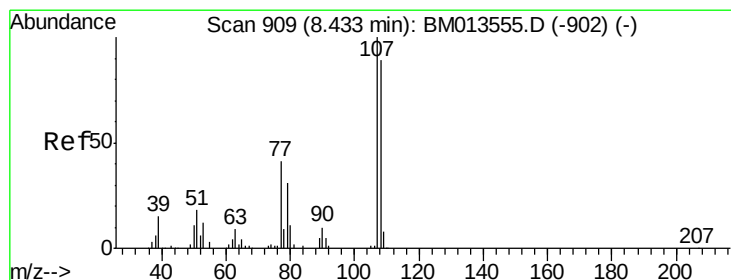
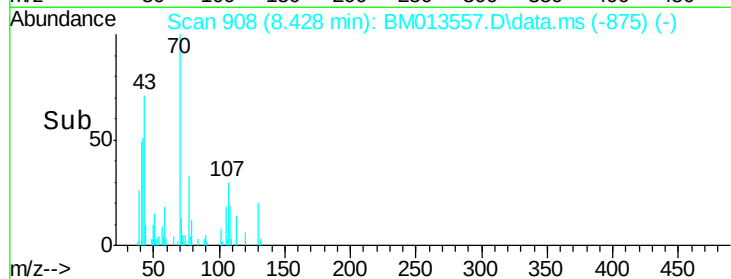
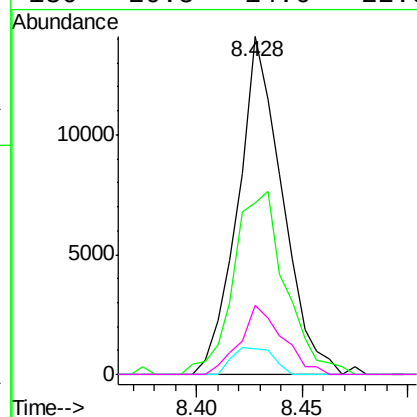
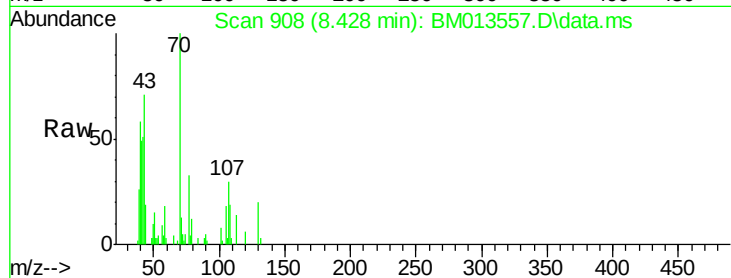




#15
N-Nitroso-di-n-propylamine
Concen: 4.06 ng/ul
RT: 8.428 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

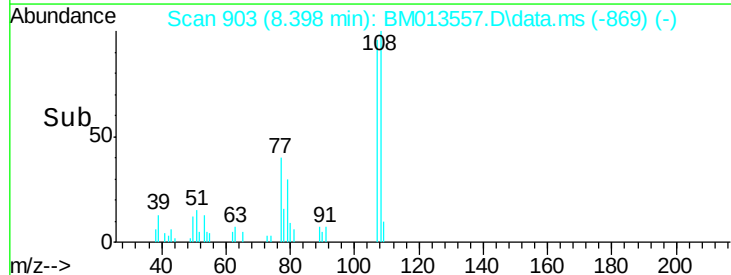
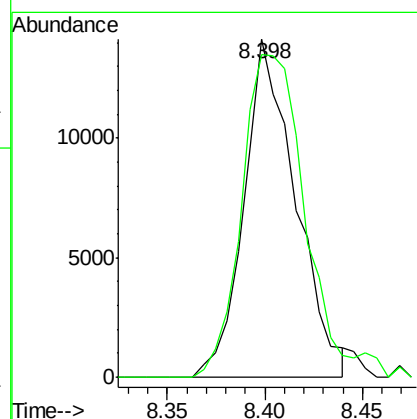
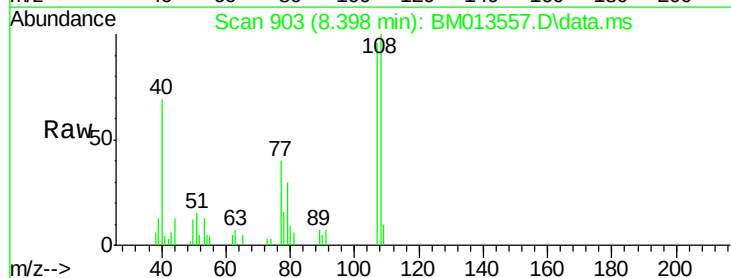
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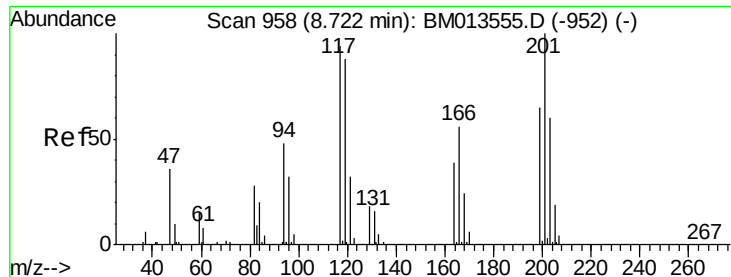
Tot Ion: 70 Resp: 20541
Ion Ratio Lower Upper
70 100
42 50.7 76.0 114.0#
101 7.8 6.7 10.1
130 20.5 14.6 22.0



#16
4-Methylphenol
Concen: 4.10 ng/ul
RT: 8.398 min Scan# 903
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

Tgt Ion: 108 Resp: 25885
Ion Ratio Lower Upper
108 100
107 95.5 84.9 127.3

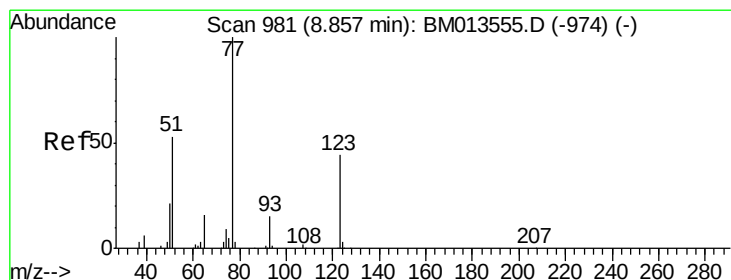
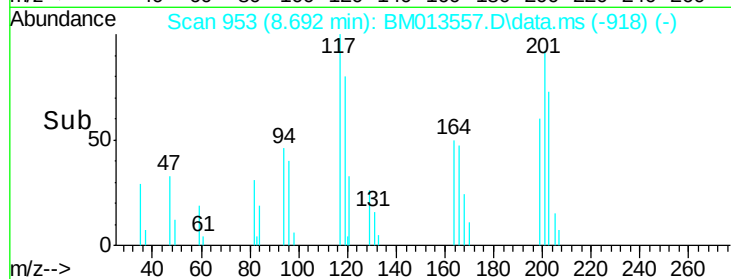
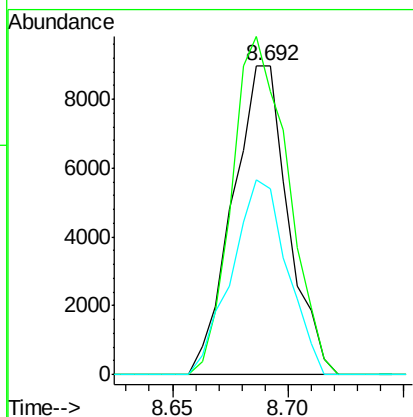
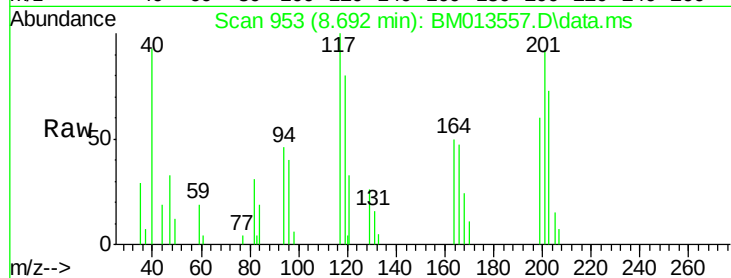




#17
Hexachloroethane
Concen: 5.83 ng/ul
RT: 8.692 min Scan# 95
Delta R.T. 0.006 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

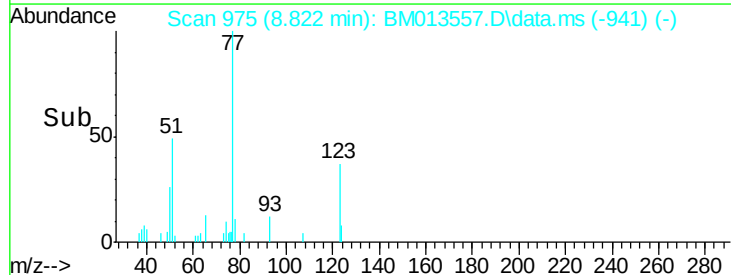
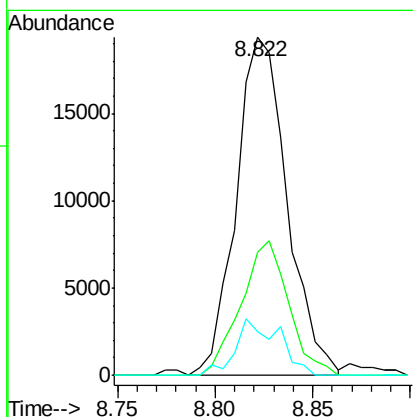
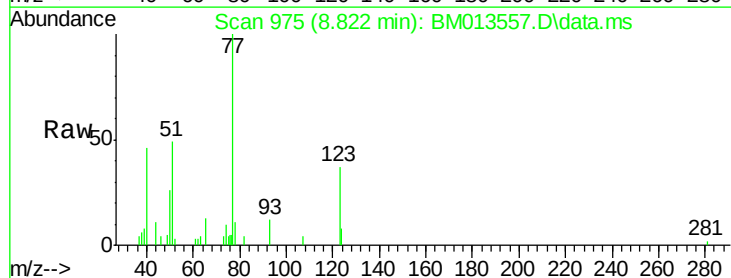
Instrument :
BNA_M
ClientSampleId :
SSTD00508

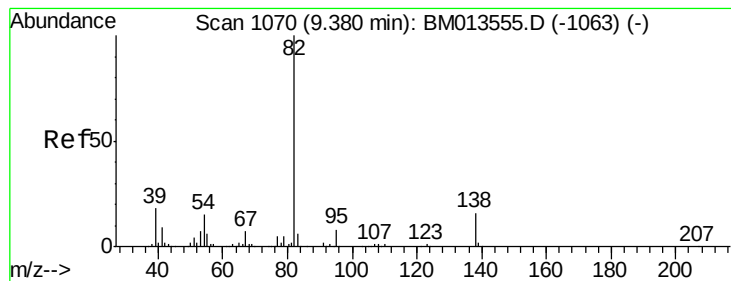
Tot Ion:117 Resp: 15043
Ion Ratio Lower Upper
117 100
201 91.7 111.6 167.4#
199 60.1 67.8 101.6#



#20
Nitrobenzene
Concen: 5.17 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

Tgt Ion: 77 Resp: 34922
Ion Ratio Lower Upper
77 100
123 36.6 31.0 46.6
65 13.0 12.2 18.2





#21

Isophorone

Concen: 4.54 ng/ul

RT: 9.345 min Scan# 10

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

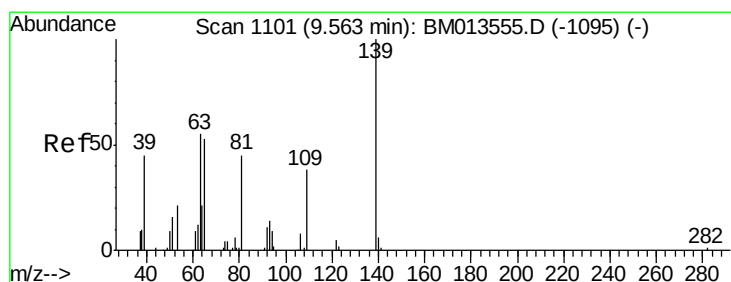
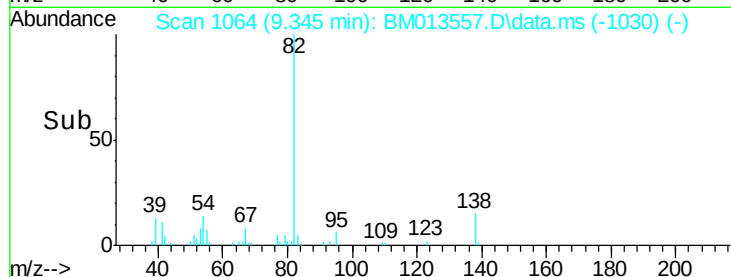
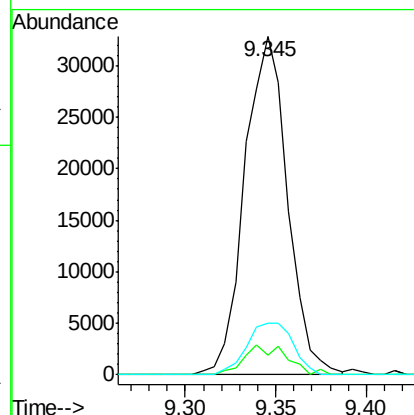
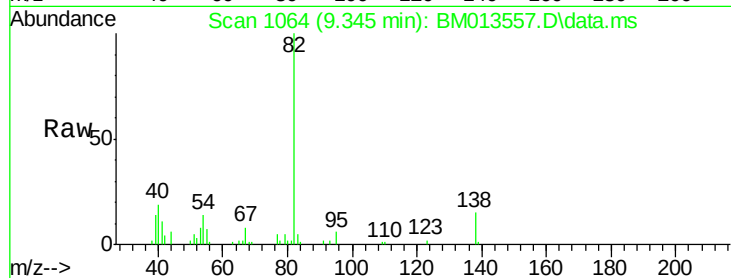
Tot Ion: 82 Resp: 53893

Ion Ratio Lower Upper

82 100

95 5.7 7.8 11.8#

138 15.1 11.9 17.9



#23

2-Nitrophenol

Concen: 4.90 ng/ul

RT: 9.528 min Scan# 1095

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

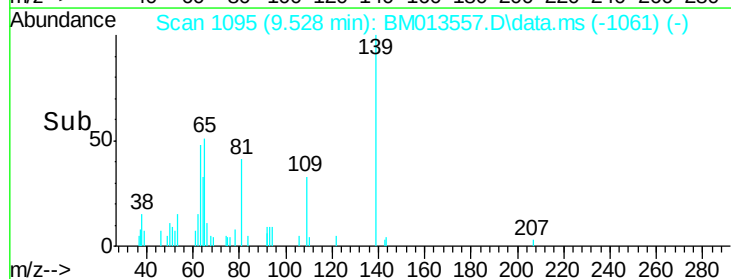
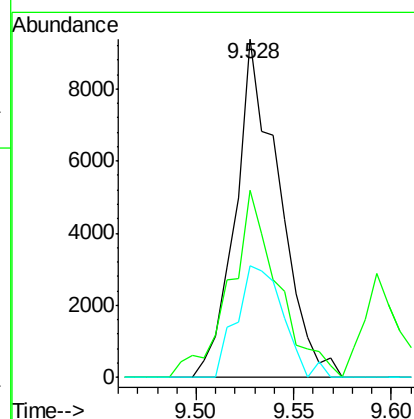
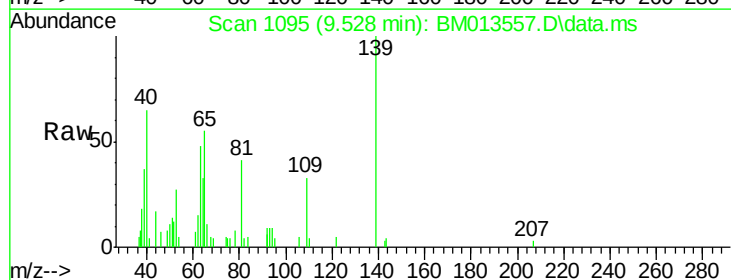
Tgt Ion: 139 Resp: 14563

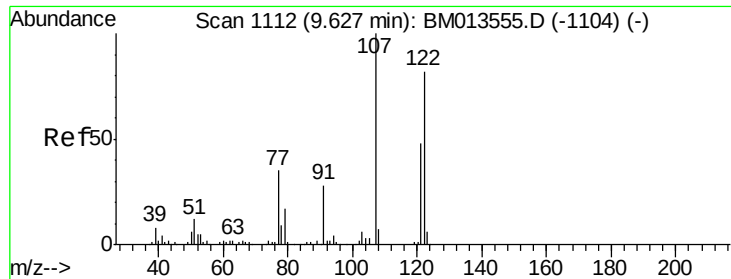
Ion Ratio Lower Upper

139 100

65 55.3 55.4 83.0#

109 32.9 42.2 63.2#





#24

2,4-Dimethylphenol

Concen: 4.53 ng/ul

RT: 9.598 min Scan# 111

Delta R.T. 0.006 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

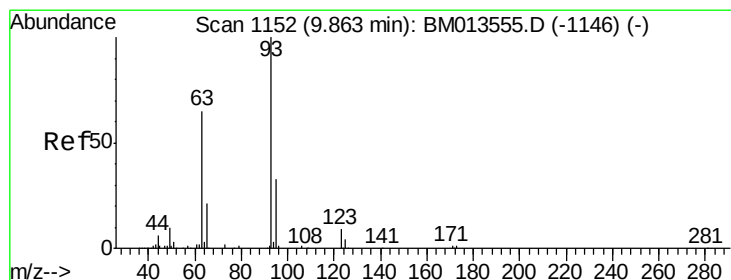
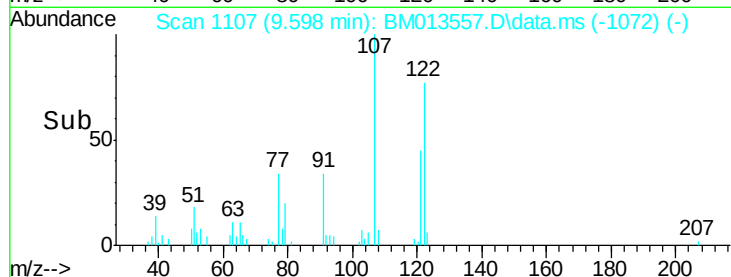
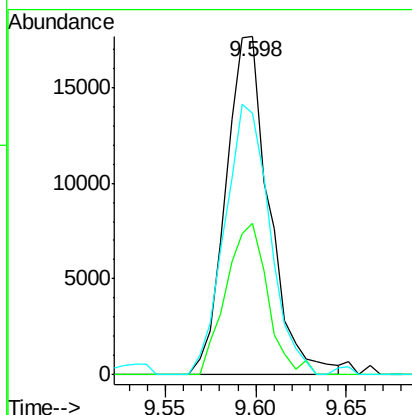
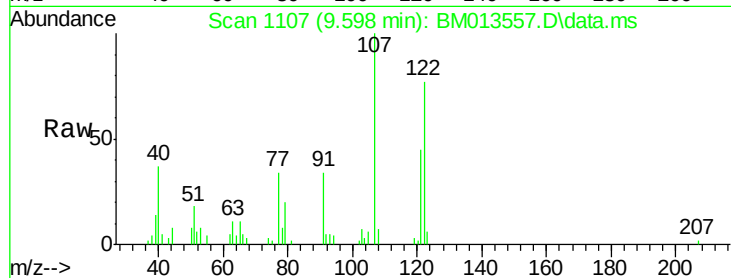
Tot Ion:107 Resp: 29349

Ion Ratio Lower Upper

107 100

121 44.9 31.9 47.9

122 77.3 57.8 86.6



#25

Bis(2-Chloroethoxy)methane

Concen: 4.59 ng/ul

RT: 9.834 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

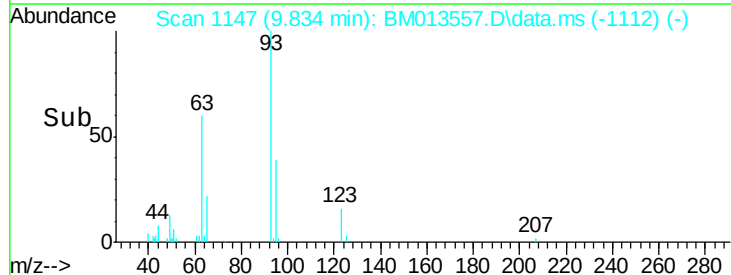
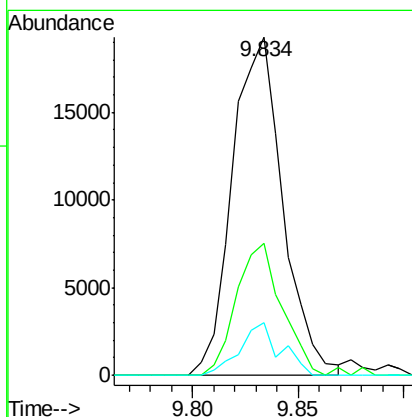
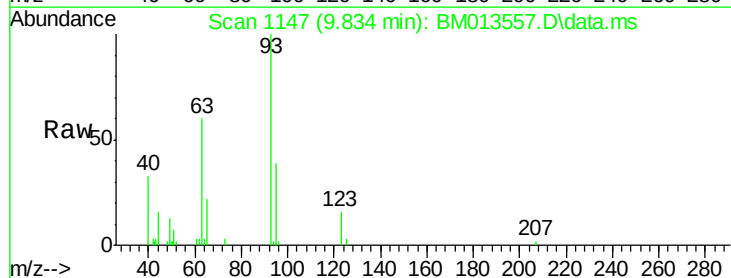
Tgt Ion: 93 Resp: 31921

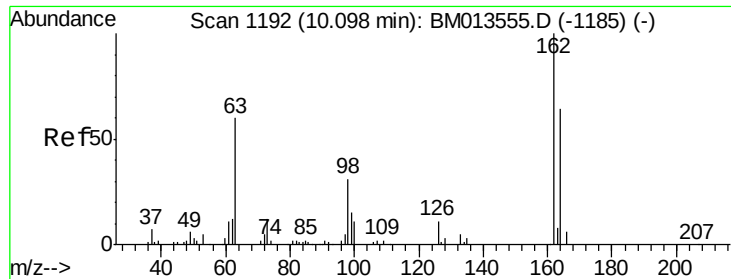
Ion Ratio Lower Upper

93 100

95 38.9 28.5 42.7

123 15.6 8.9 13.3#

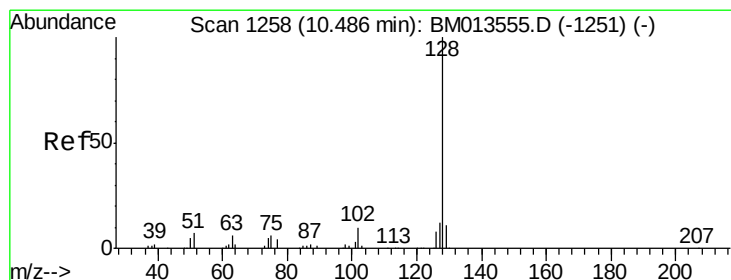
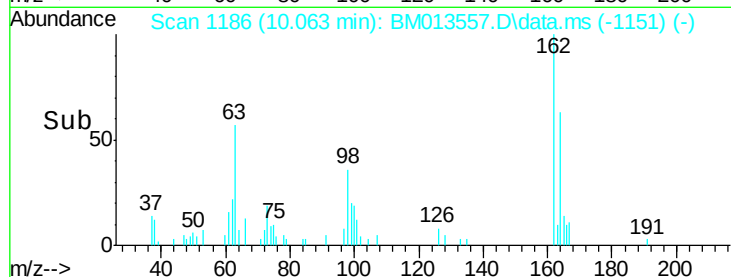
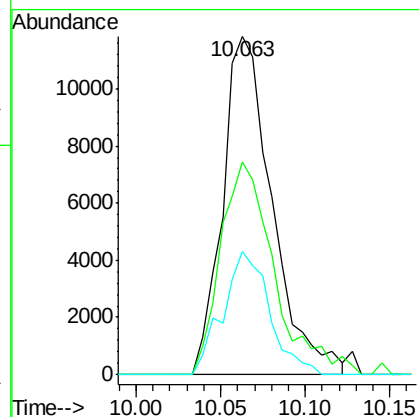
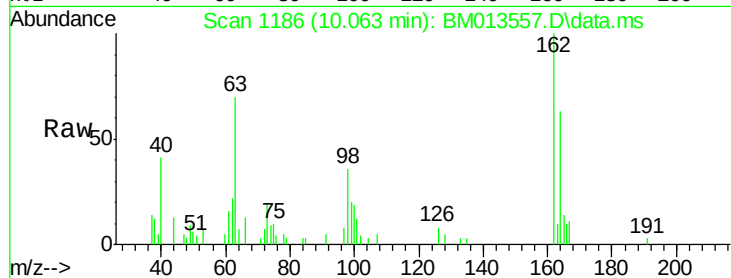




#27
 2,4-Dichlorophenol
 Concen: 4.42 ng/ul
 RT: 10.063 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

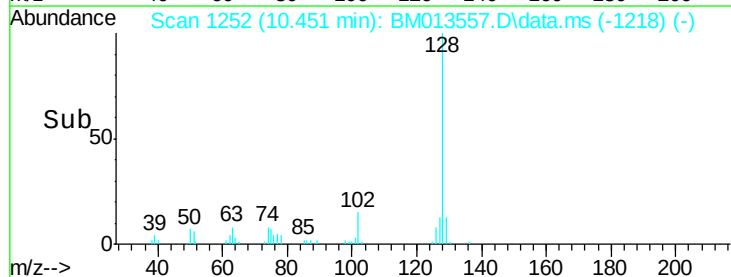
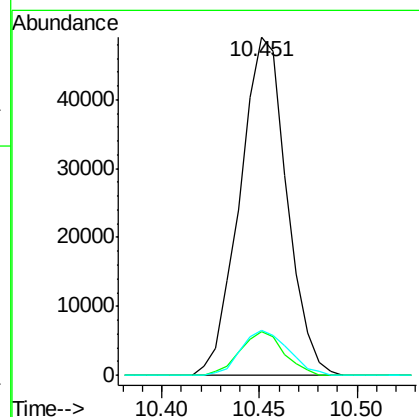
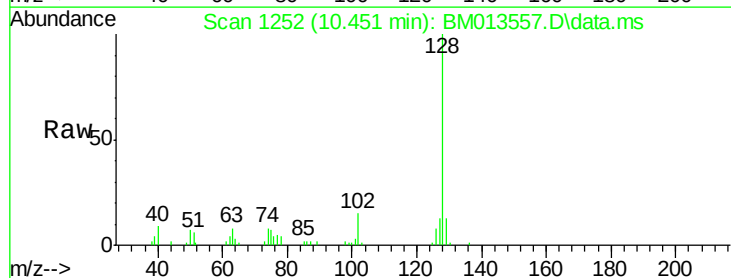
Instrument :
 BNA_M
 ClientSampleId :
 SSTD00508

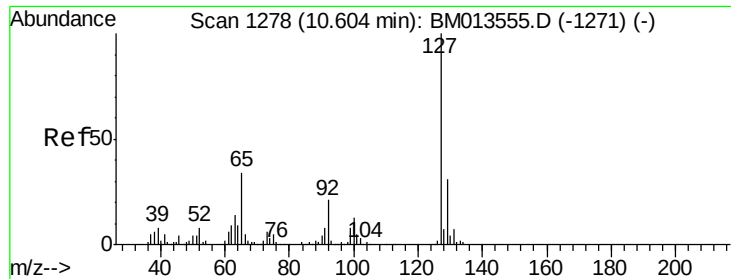
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	47.8	71.6
98	36.3	23.0	34.4



#28
 Naphthalene
 Concen: 4.71 ng/ul
 RT: 10.451 min Scan# 1252
 Delta R.T. -0.000 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.8	13.2
127	13.2	10.6	16.0

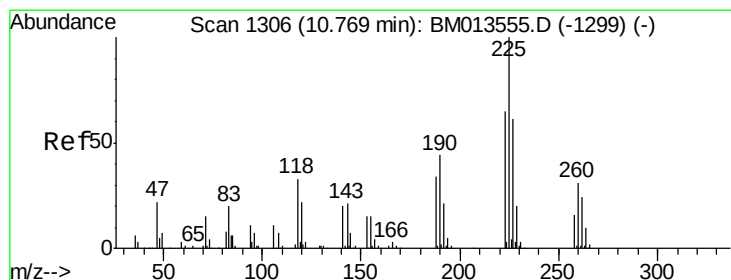
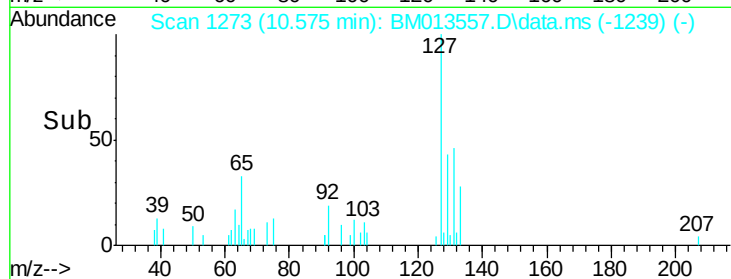
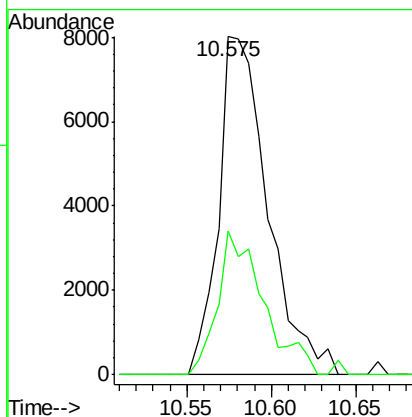
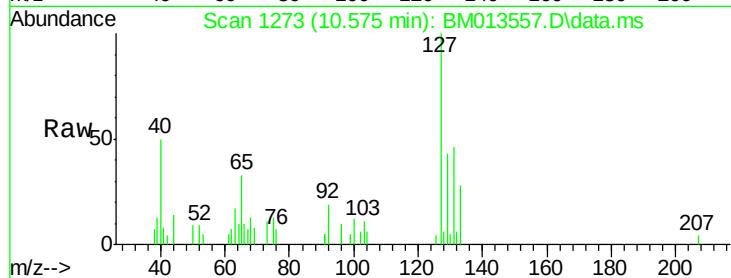




#30
4-Chloroaniline
Concen: 3.09 ng/ul
RT: 10.575 min Scan# 127
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

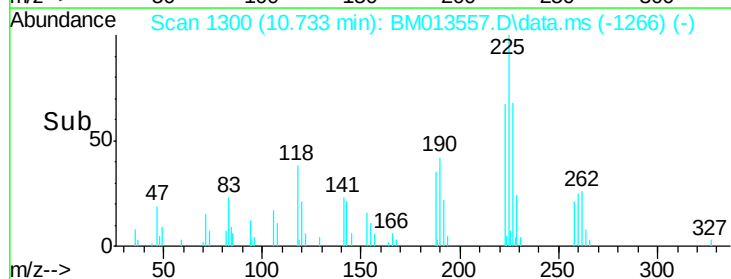
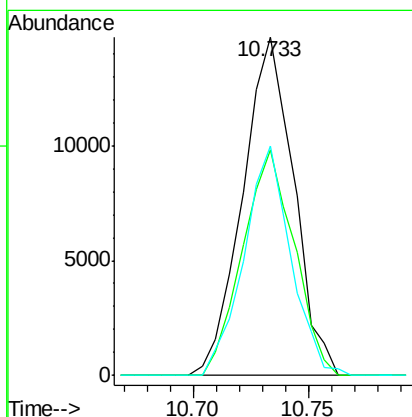
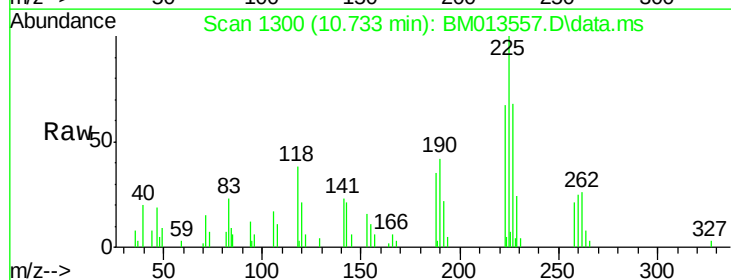
Instrument :
BNA_M
ClientSampleId :
SSTD00508

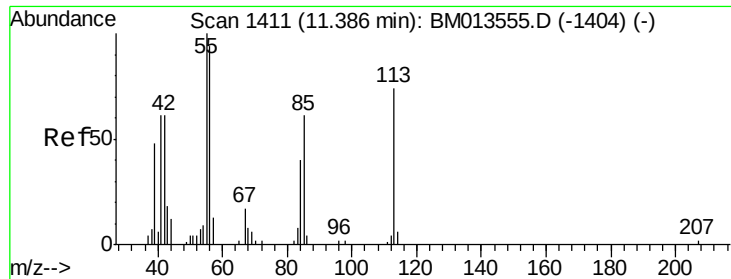
Tot Ion:127 Resp: 16262
Ion Ratio Lower Upper
127 100
129 42.6 28.4 42.6#



#31
Hexachlorobutadiene
Concen: 5.74 ng/ul
RT: 10.733 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

Tgt Ion:225 Resp: 22706
Ion Ratio Lower Upper
225 100
223 62.4 49.4 74.2
227 63.7 45.4 68.2





#32

Caprolactam

Concen: 3.27 ng/ul

RT: 11.357 min Scan# 14

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

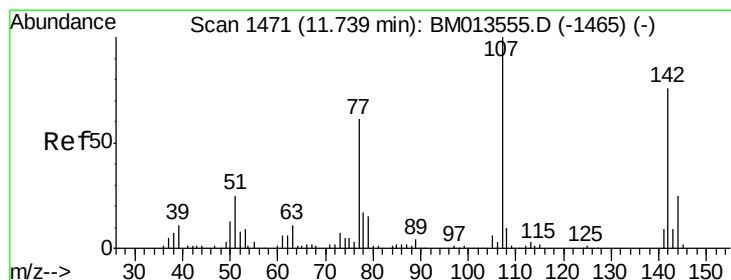
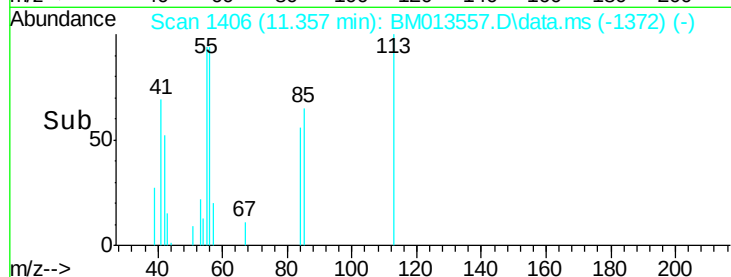
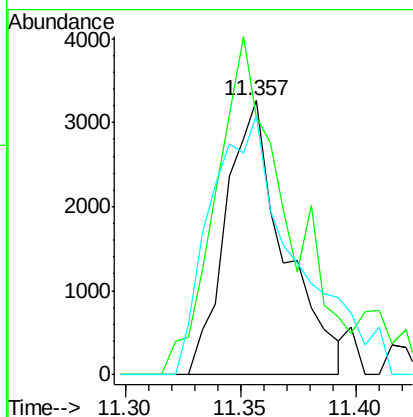
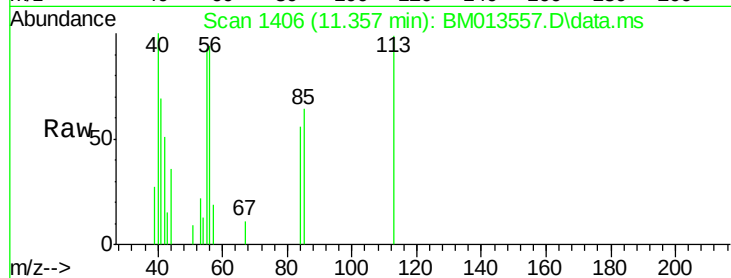
Tot Ion:113 Resp: 5707

Ion Ratio Lower Upper

113 100

55 94.2 208.0 312.0#

56 94.4 160.0 240.0#



#33

4-Chloro-3-methylphenol

Concen: 2.07 ng/ul

RT: 11.704 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

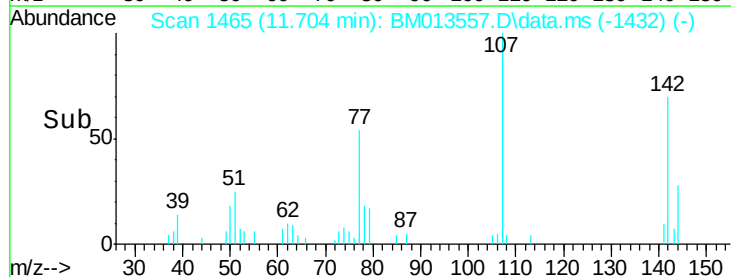
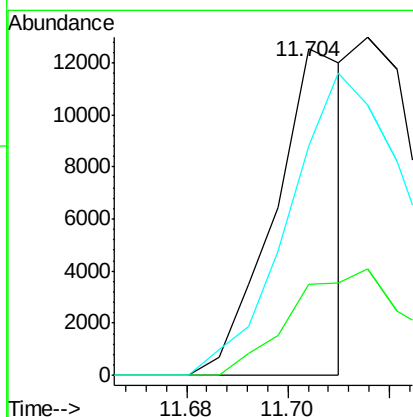
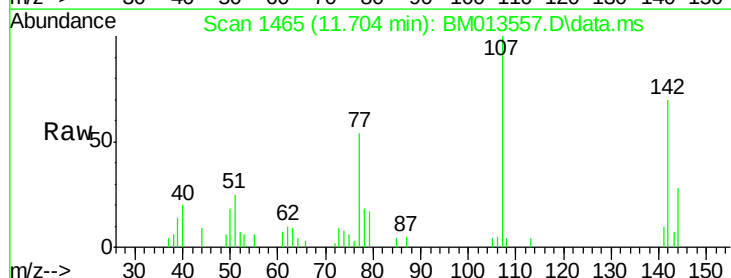
Tgt Ion:107 Resp: 12401

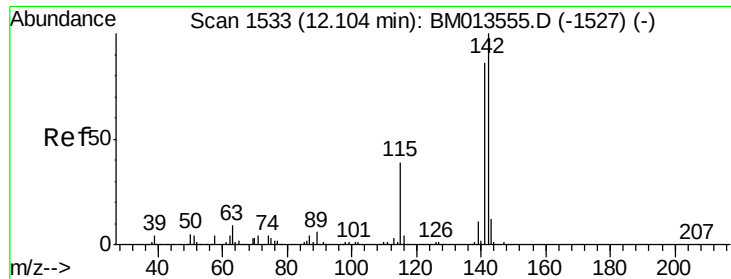
Ion Ratio Lower Upper

107 100

144 27.8 20.4 30.6

142 70.1 60.5 90.7

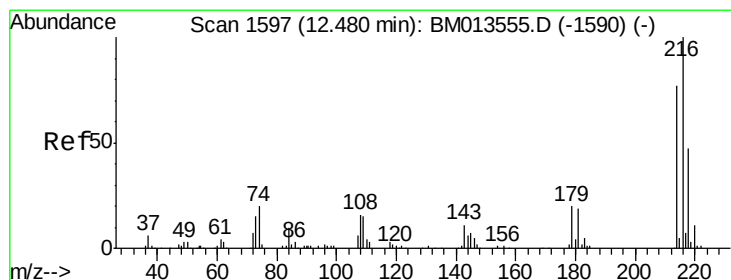
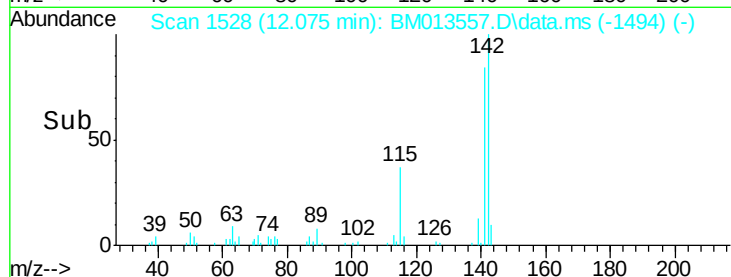
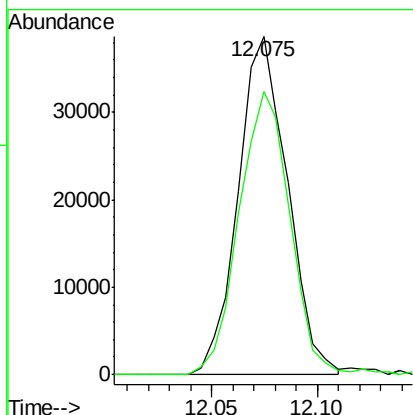
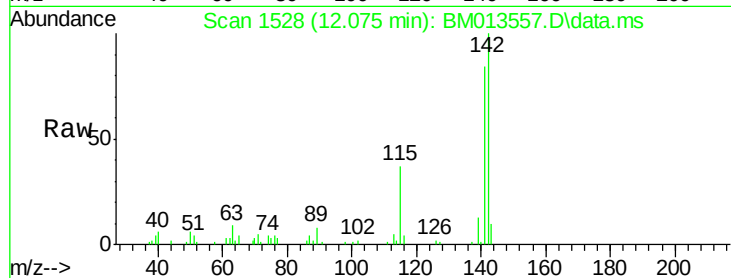




#34
 2-Methylnaphthalene
 Concen: 4.79 ng/ul
 RT: 12.075 min Scan# 15
 Delta R.T. -0.000 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

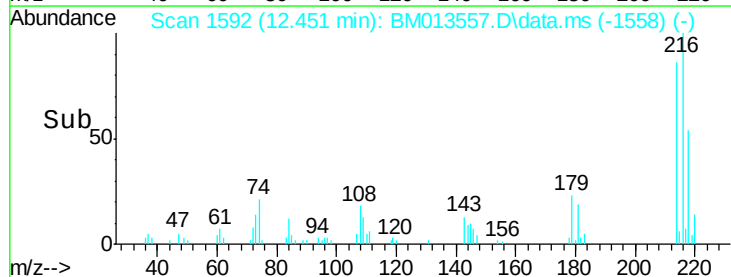
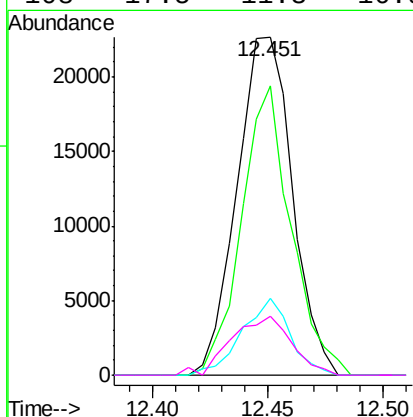
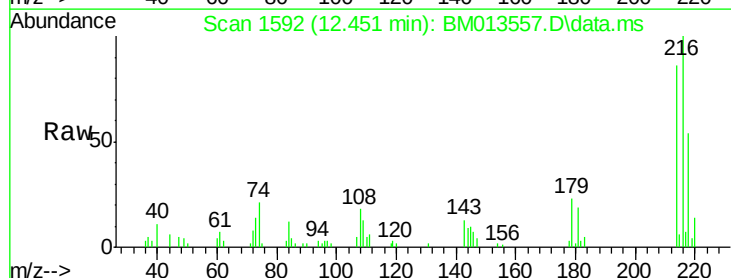
Instrument :
 BNA_M
 ClientSampleId :
 SSTD00508

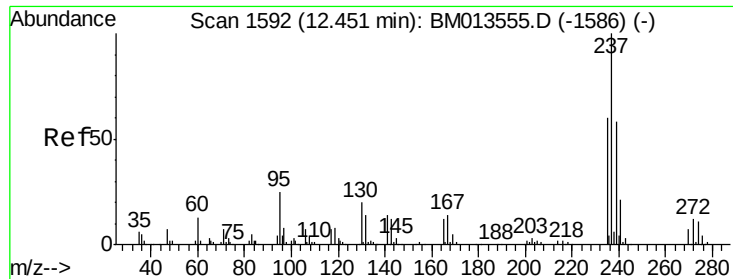
Tot Ion:142 Resp: 62601
 Ion Ratio Lower Upper
 142 100
 141 83.8 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.21 ng/ul
 RT: 12.451 min Scan# 1592
 Delta R.T. -0.000 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

Tgt Ion:216 Resp: 37863
 Ion Ratio Lower Upper
 216 100
 214 85.7 60.6 90.8
 179 22.6 17.5 26.3
 108 17.5 11.3 16.9#





#37

Hexachlorocyclopentadiene

Concen: 1.75 ng/ul

RT: 12.422 min Scan# 15

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

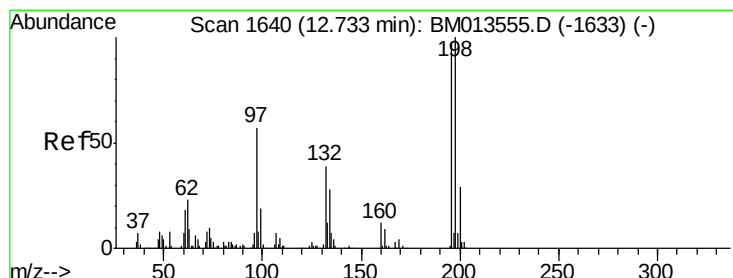
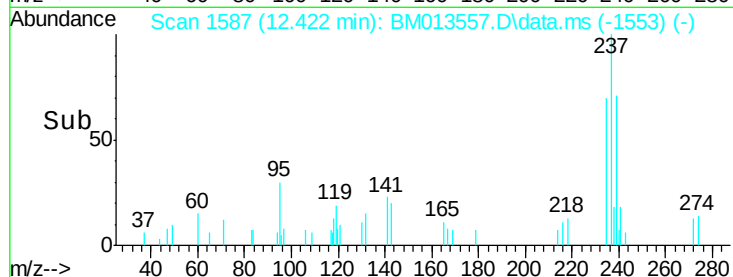
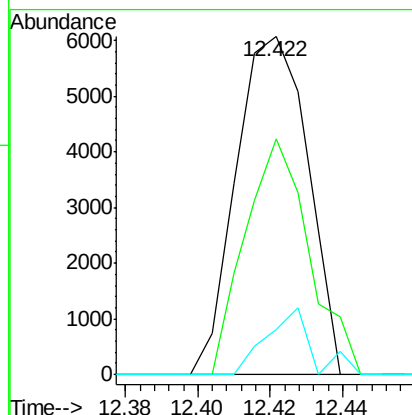
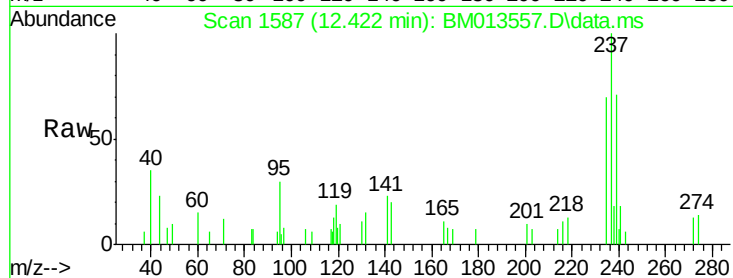
Tot Ion:237 Resp: 8367

Ion Ratio Lower Upper

237 100

235 69.6 50.2 75.4

272 13.4 11.0 16.6



#38

2,4,6-Trichlorophenol

Concen: 4.28 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

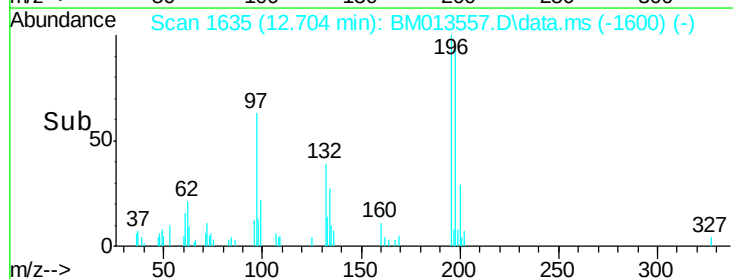
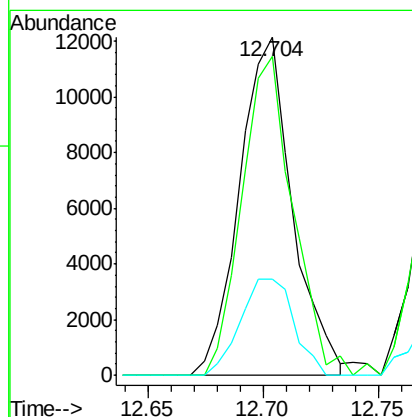
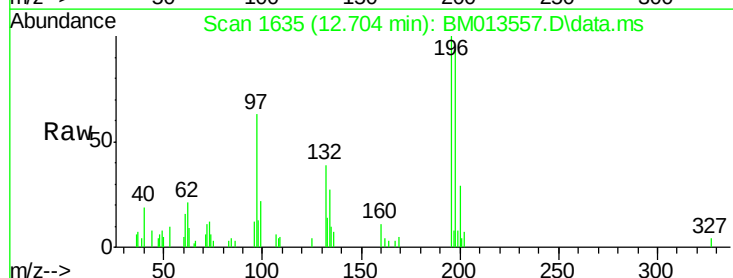
Tgt Ion:196 Resp: 19398

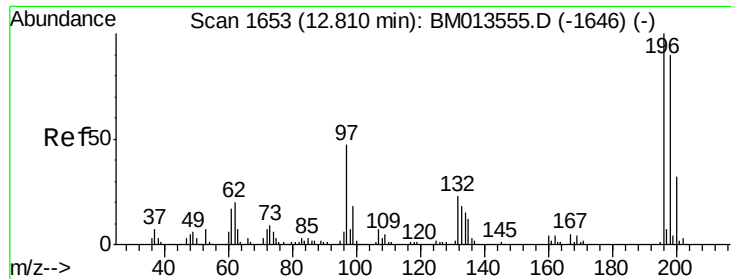
Ion Ratio Lower Upper

196 100

198 94.4 74.1 111.1

200 28.5 25.2 37.8

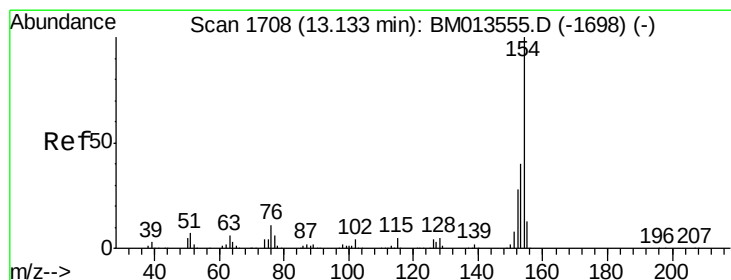
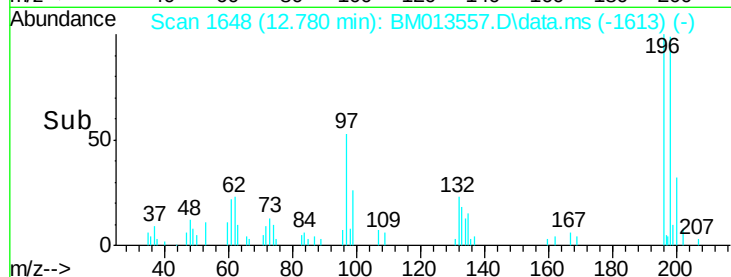
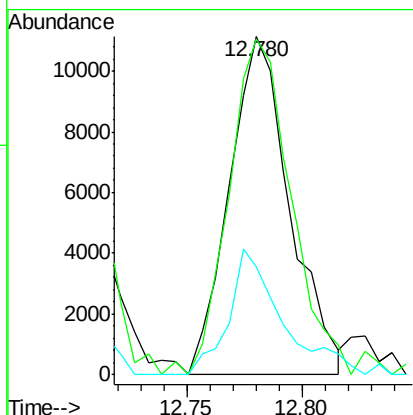
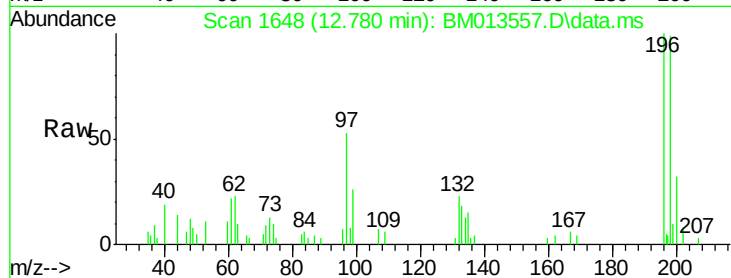




#39
 2,4,5-Trichlorophenol
 Concen: 4.22 ng/ul
 RT: 12.780 min Scan# 16
 Delta R.T. 0.006 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

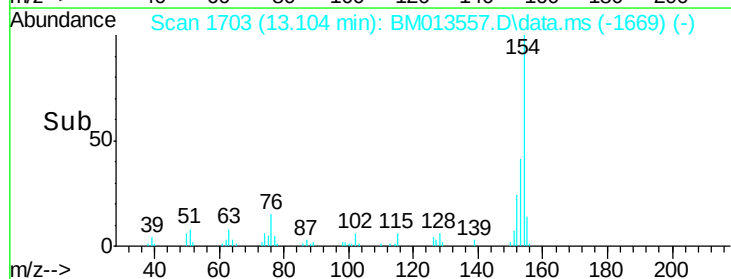
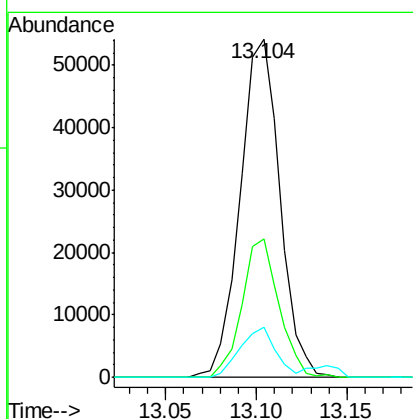
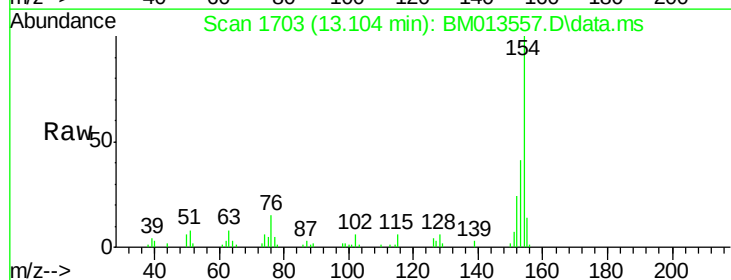
Instrument :
 BNA_M
 ClientSampleId :
 SST00508

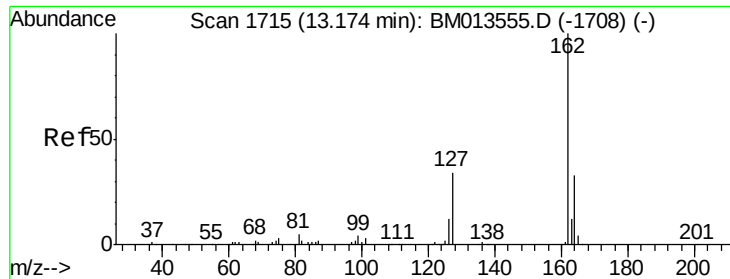
Tot Ion:196 Resp: 20292
 Ion Ratio Lower Upper
 196 100
 198 99.4 75.6 113.4
 200 31.7 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 4.84 ng/ul
 RT: 13.104 min Scan# 1703
 Delta R.T. -0.000 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

Tgt Ion:154 Resp: 82350
 Ion Ratio Lower Upper
 154 100
 153 40.8 32.6 48.8
 76 14.8 8.5 12.7#

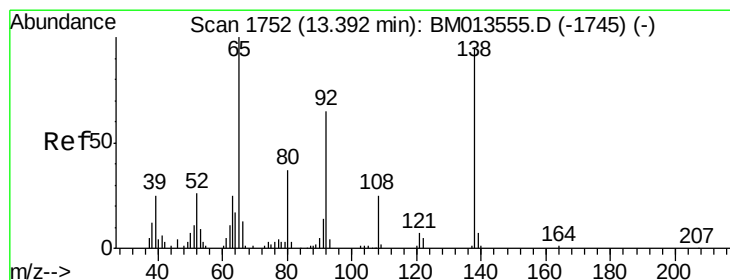
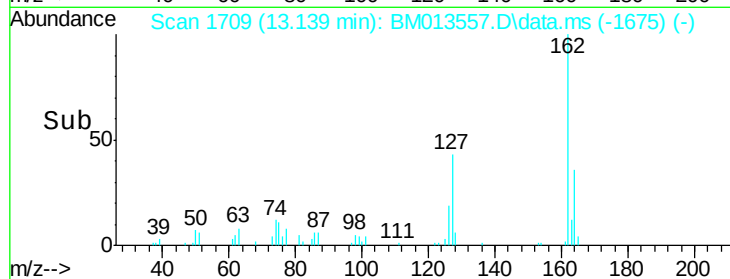
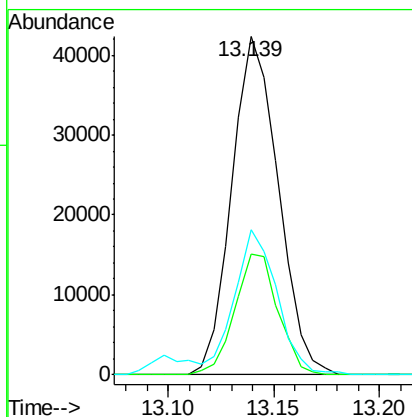
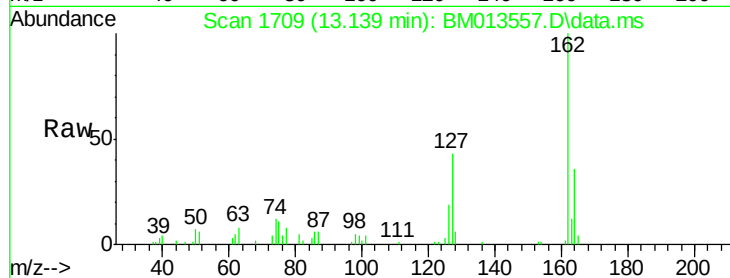




#41
2-Chloronaphthalene
Concen: 4.83 ng/ul
RT: 13.139 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

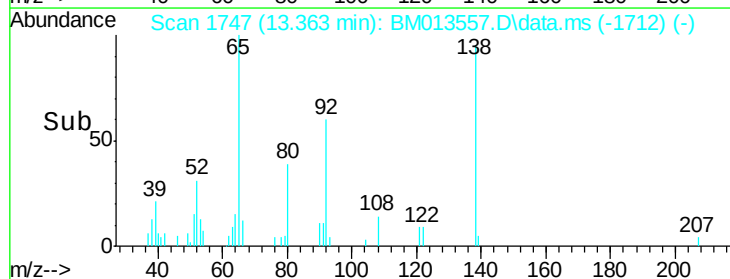
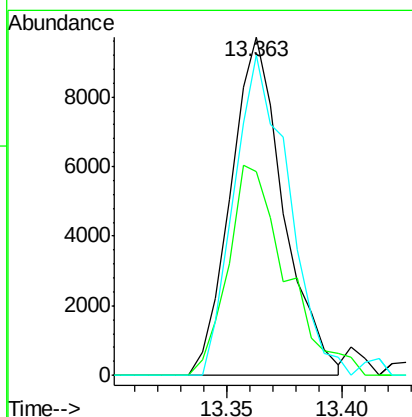
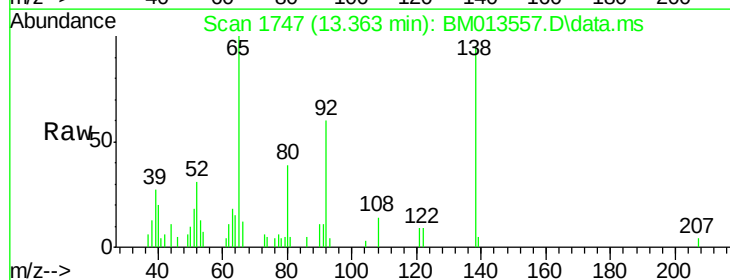
Instrument :
BNA_M
ClientSampleId :
SSTD00508

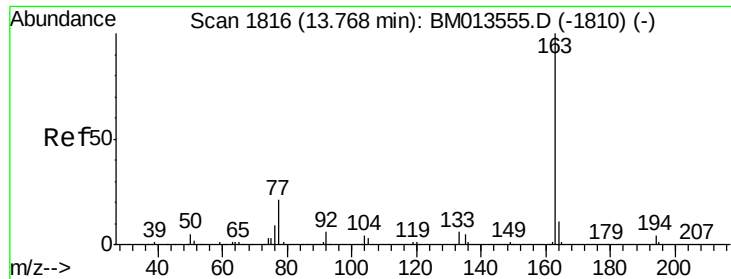
Tot Ion	Ratio	Lower	Upper
162	100		
164	35.7	25.9	38.9
127	43.0	29.4	44.2



#42
2-Nitroaniline
Concen: 3.96 ng/ul
RT: 13.363 min Scan# 1747
Delta R.T. 0.006 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.4	51.8	77.6
138	94.6	74.2	111.4





#44

Dimethylphthalate

Concen: 4.94 ng/ul

RT: 13.739 min Scan# 1816

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

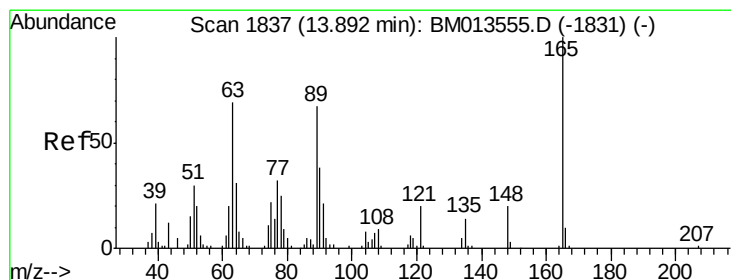
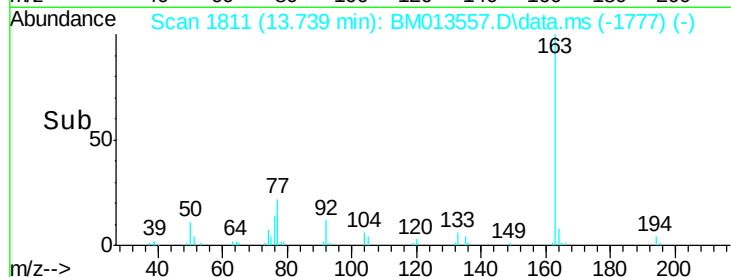
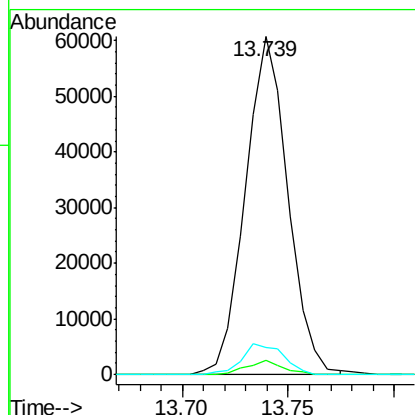
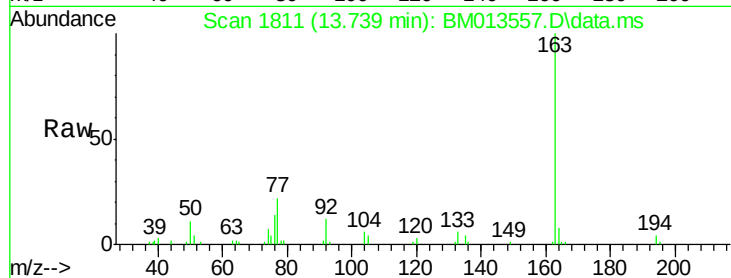
Tot Ion:163 Resp: 84726

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 8.1 8.2 12.4#



#45

2,6-Dinitrotoluene

Concen: 4.06 ng/ul

RT: 13.869 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

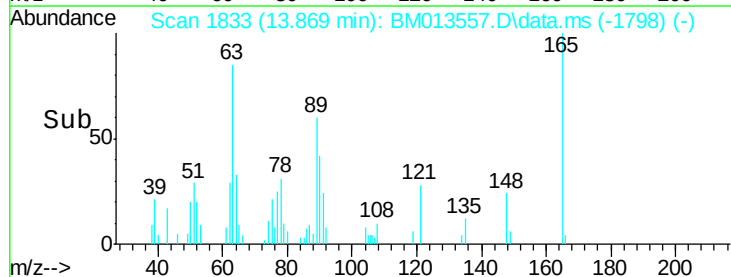
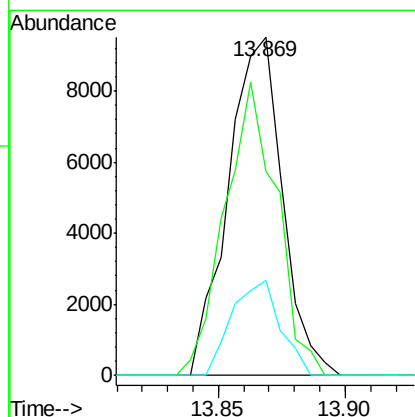
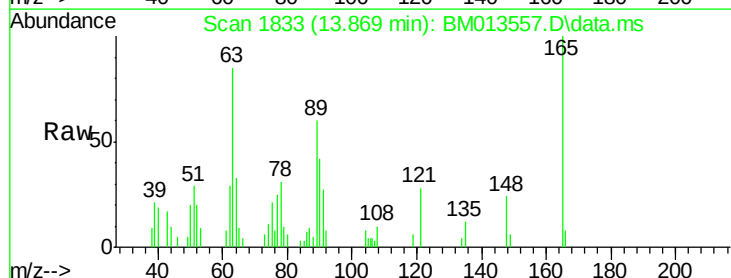
Tgt Ion:165 Resp: 14177

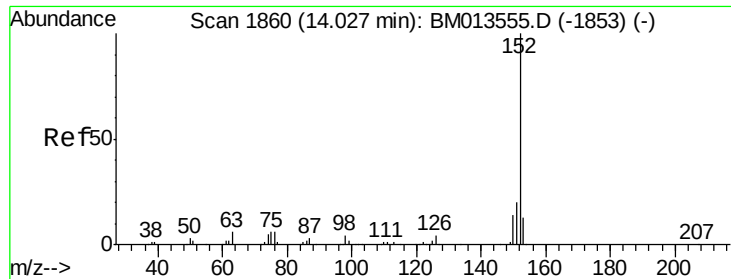
Ion Ratio Lower Upper

165 100

89 60.1 52.6 79.0

121 28.1 14.6 22.0#





#47

Acenaphthylene

Concen: 4.58 ng/ul

RT: 13.992 min Scan# 18

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

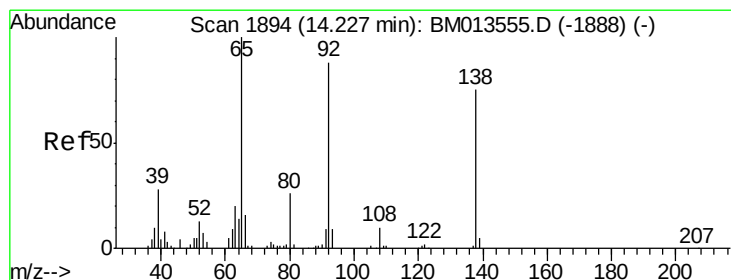
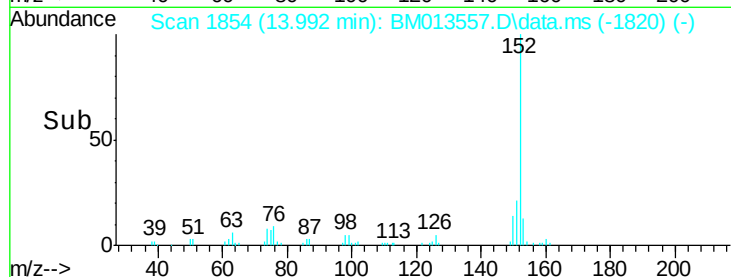
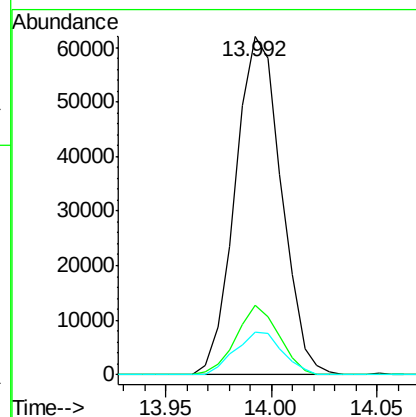
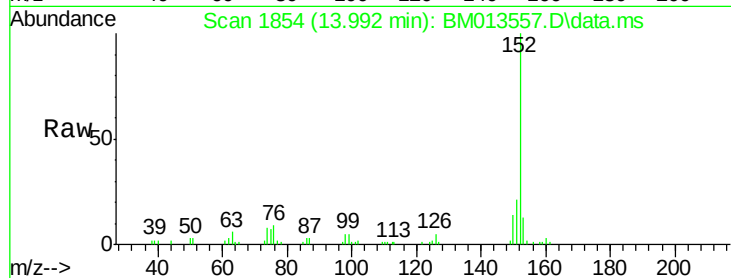
Tot Ion:152 Resp: 93629

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 12.5 10.2 15.4



#48

3-Nitroaniline

Concen: 2.85 ng/ul

RT: 14.198 min Scan# 1889

Delta R.T. 0.006 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

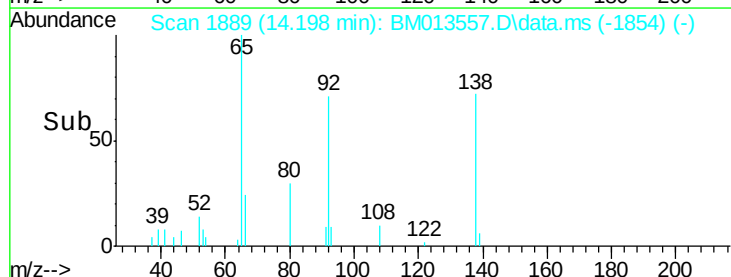
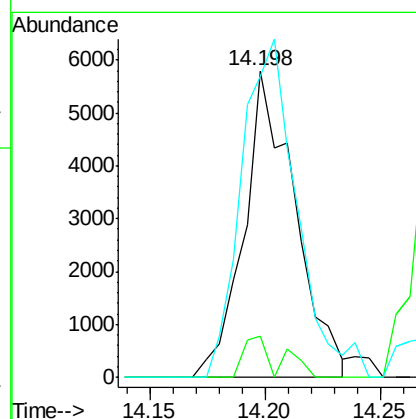
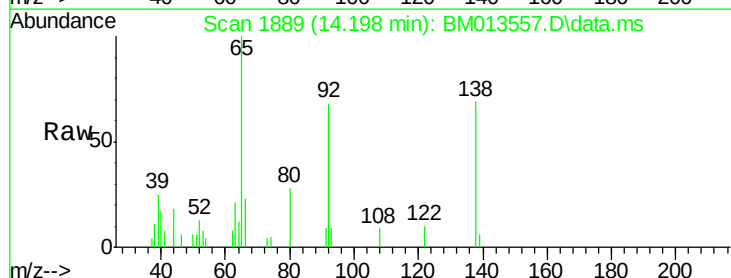
Tgt Ion:138 Resp: 8918

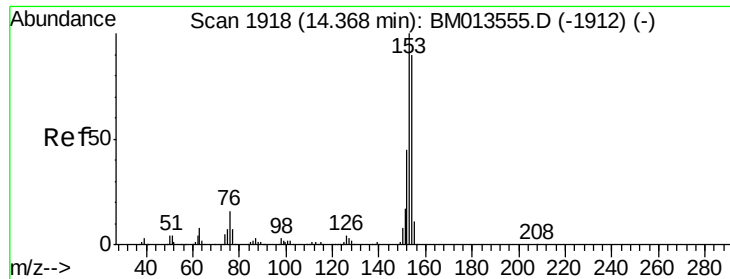
Ion Ratio Lower Upper

138 100

108 13.5 9.9 14.9

92 98.4 105.0 157.4#





#49

Acenaphthene

Concen: 4.78 ng/ul

RT: 14.339 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

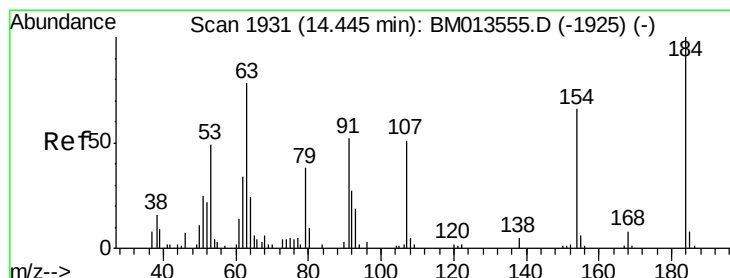
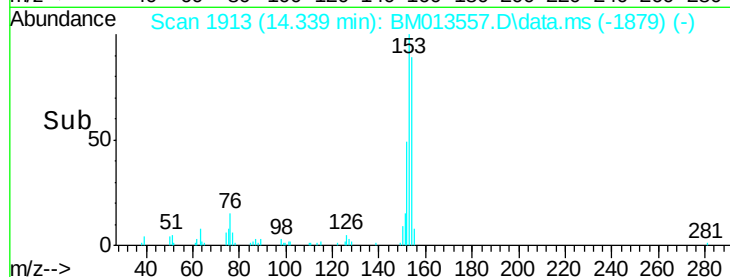
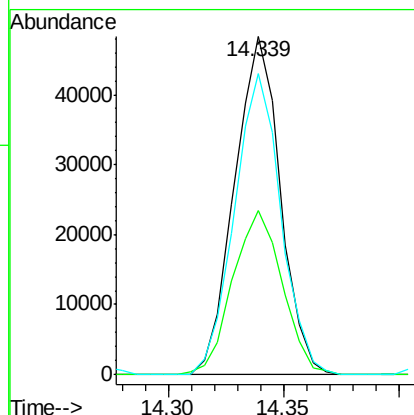
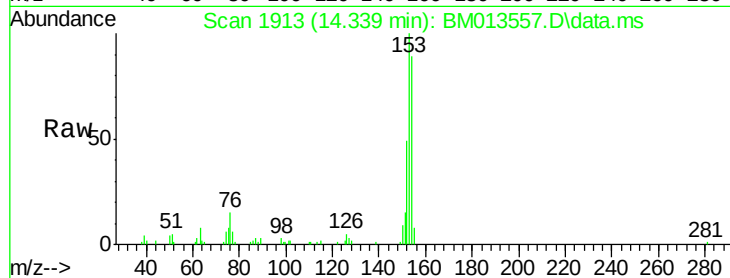
Tot Ion:153 Resp: 66679

Ion Ratio Lower Upper

153 100

152 48.7 37.6 56.4

154 88.9 70.4 105.6



#50

2,4-Dinitrophenol

Concen: 1.27 ng/ul

RT: 14.410 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

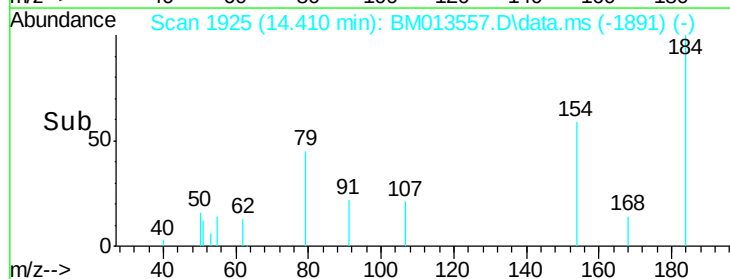
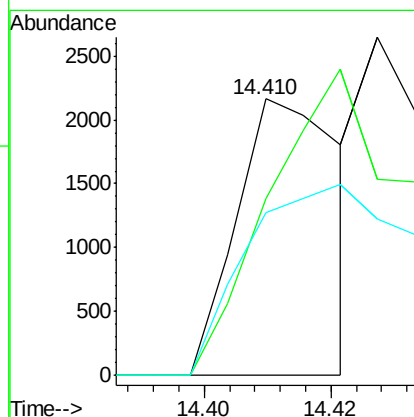
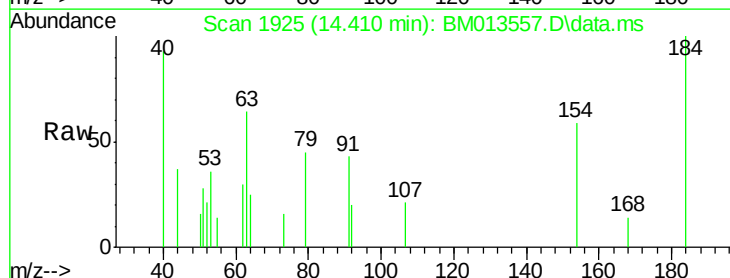
Tgt Ion:184 Resp: 2450

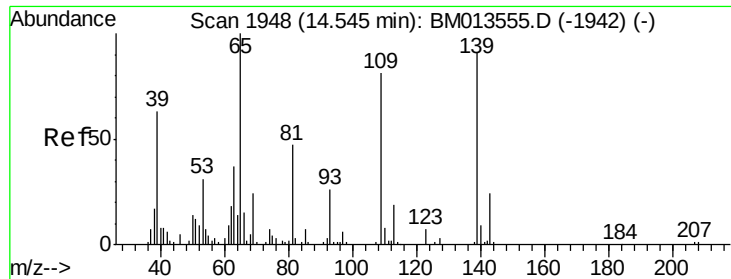
Ion Ratio Lower Upper

184 100

63 63.9 50.1 75.1

154 58.7 54.5 81.7





#52

4-Nitrophenol

Concen: 2.30 ng/ul

RT: 14.516 min Scan# 1948

Delta R.T. 0.006 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

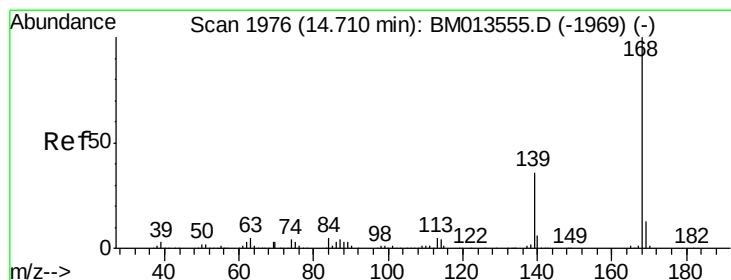
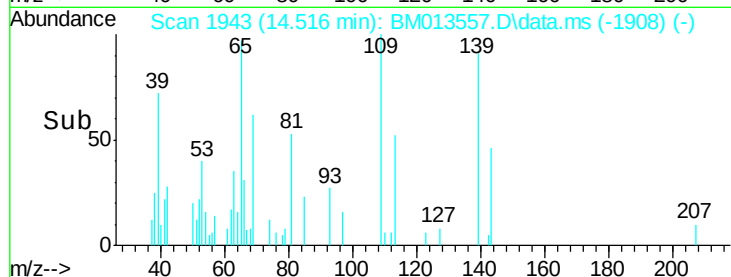
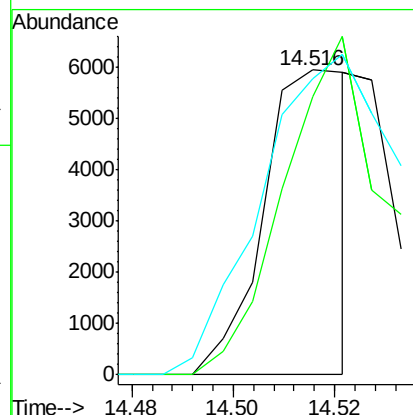
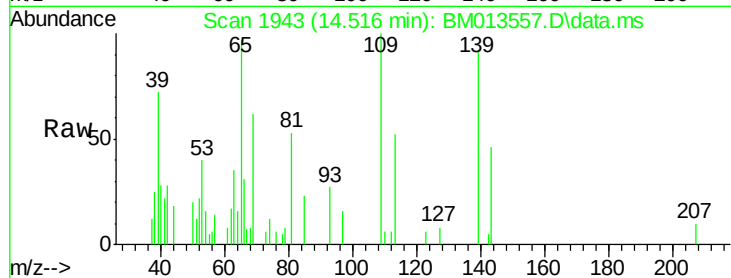
Tot Ion:109 Resp: 7036

Ion Ratio Lower Upper

109 100

139 91.3 80.0 120.0

65 97.0 120.0 180.0#



#53

Dibenzofuran

Concen: 4.94 ng/ul

RT: 14.680 min Scan# 1971

Delta R.T. 0.006 min

Lab File: BM013557.D

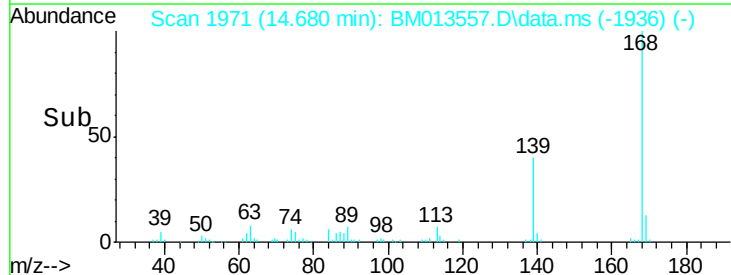
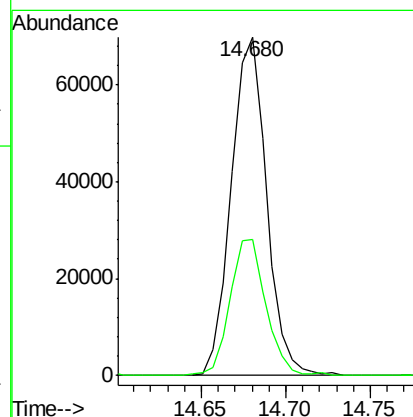
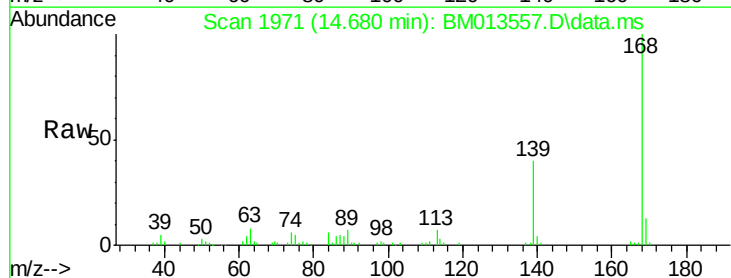
Acq: 10 Jan 2018 09:14

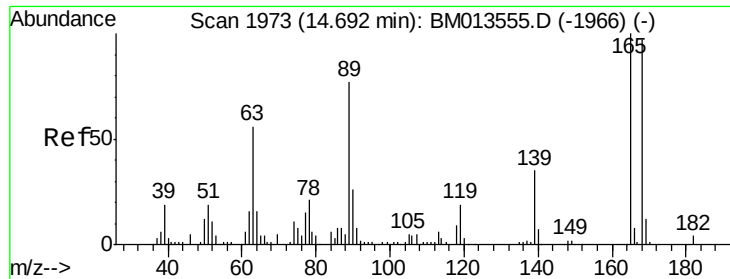
Tgt Ion:168 Resp: 101570

Ion Ratio Lower Upper

168 100

139 40.4 30.8 46.2

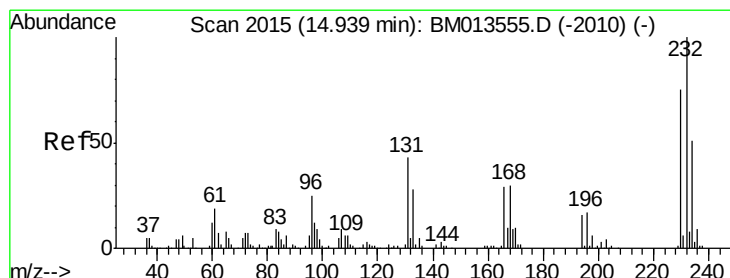
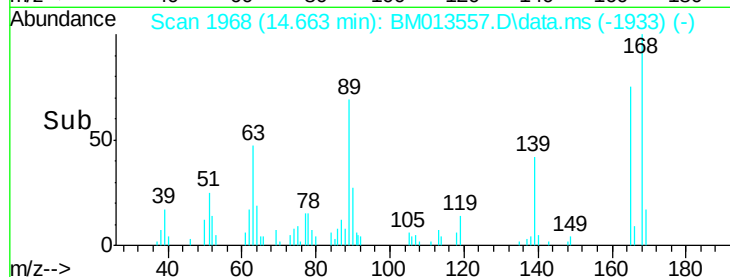
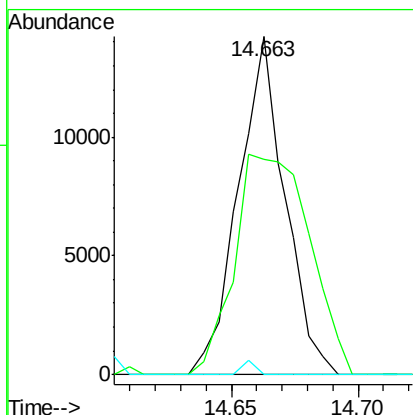
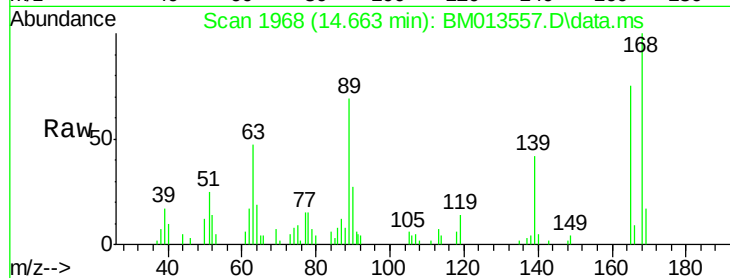




#54
 2,4-Dinitrotoluene
 Concen: 3.57 ng/ul
 RT: 14.663 min Scan# 1973
 Delta R.T. 0.006 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

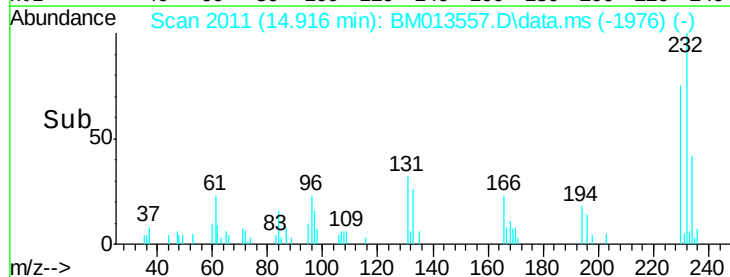
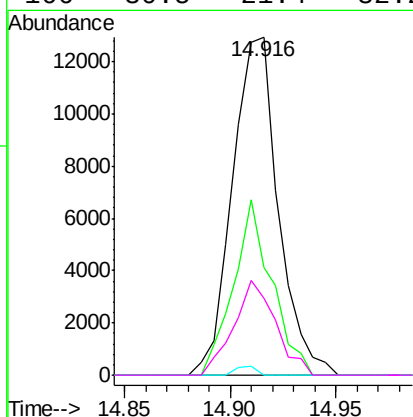
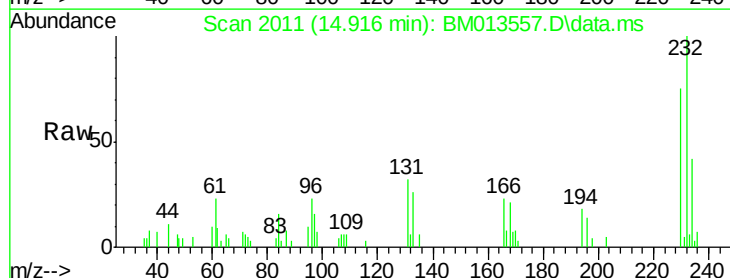
Instrument :
 BNA_M
 ClientSampleId :
 SSTD00508

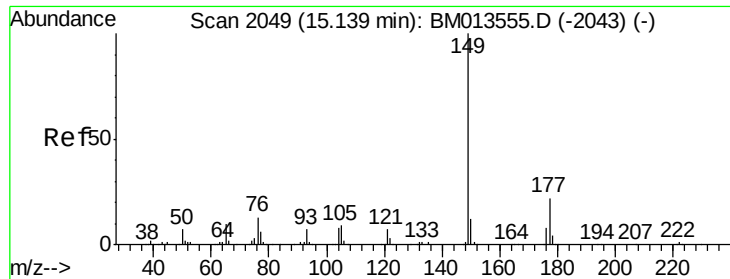
Tot Ion	Ratio	Lower	Upper
165	100		
63	63.5	45.8	68.8
182	0.0	2.6	4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 4.43 ng/ul
 RT: 14.916 min Scan# 2011
 Delta R.T. 0.006 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

Tgt Ion	Ratio	Lower	Upper
232	100		
131	31.7	29.0	43.4
130	0.0	2.0	3.0
166	30.5	21.4	32.2





#56

Diethylphthalate

Concen: 4.61 ng/ul

RT: 15.110 min Scan# 2049

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

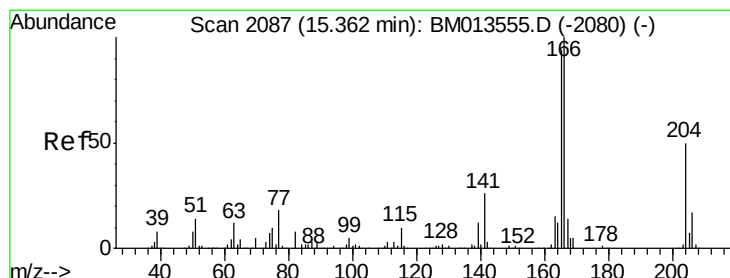
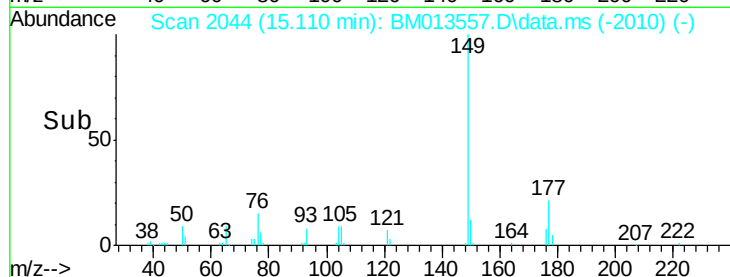
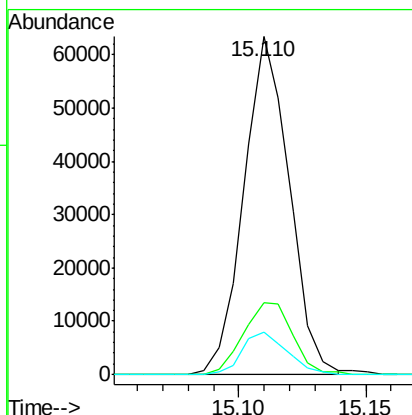
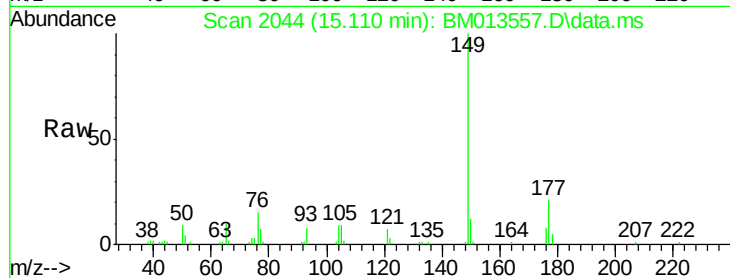
Tot Ion:149 Resp: 79243

Ion Ratio Lower Upper

149 100

177 21.2 20.5 30.7

150 12.4 10.6 15.8



#58

Fluorene

Concen: 4.81 ng/ul

RT: 15.327 min Scan# 2081

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

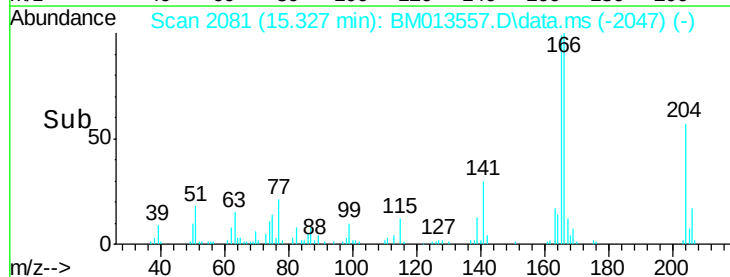
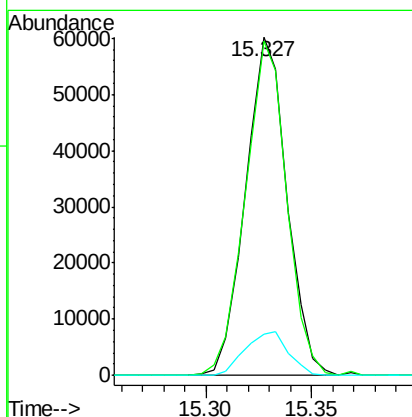
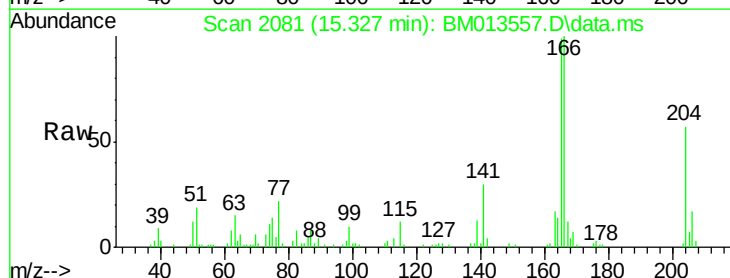
Tgt Ion:166 Resp: 81855

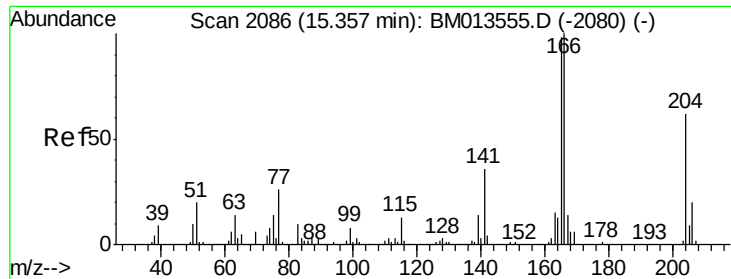
Ion Ratio Lower Upper

166 100

165 98.8 77.9 116.9

167 12.1 10.6 16.0

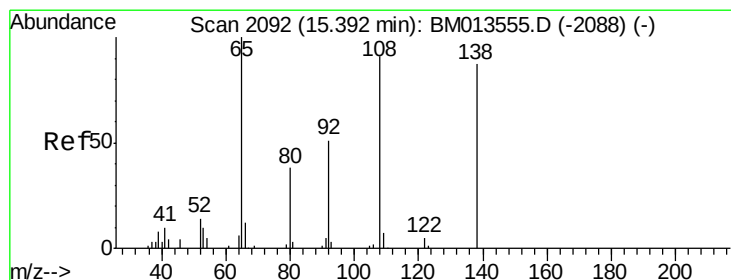
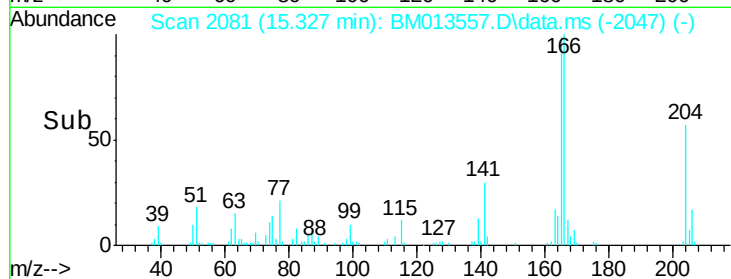
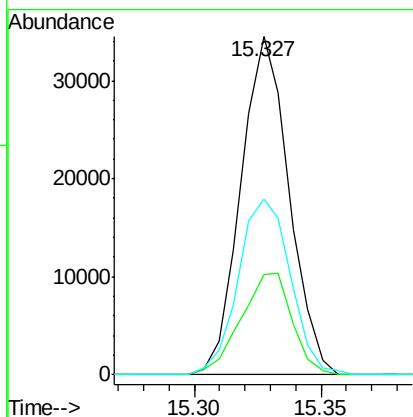
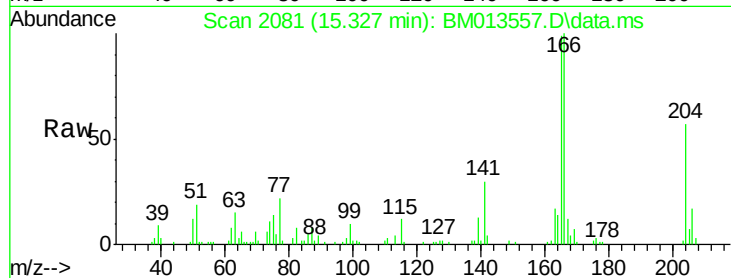




#59
 4-Chlorophenyl-phenylether
 Concen: 4.95 ng/ul
 RT: 15.327 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

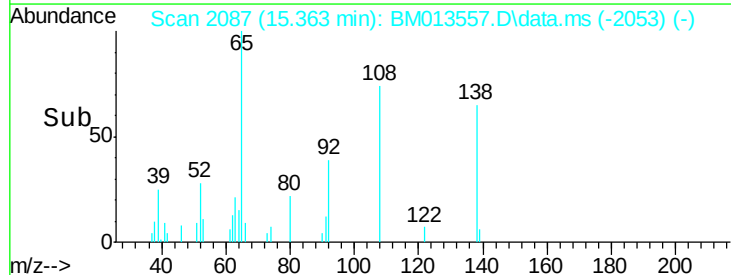
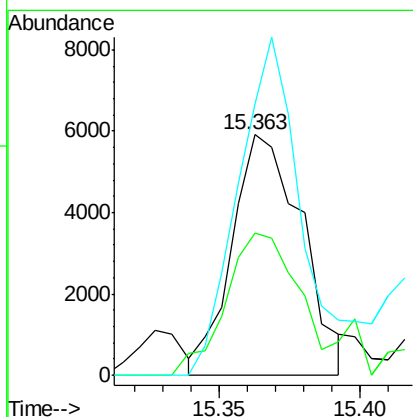
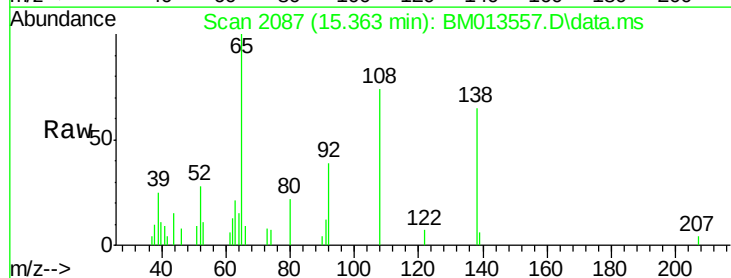
Instrument :
 BNA_M
 ClientSampleId :
 SST00508

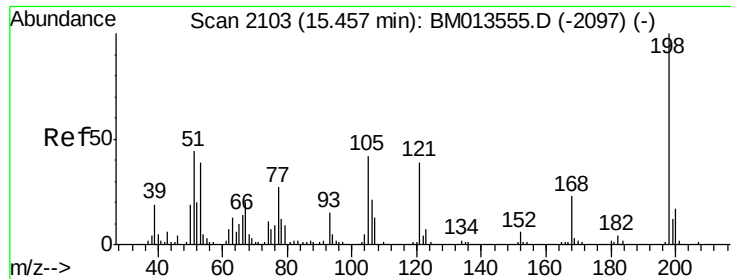
Tot Ion:204 Resp: 45726
 Ion Ratio Lower Upper
 204 100
 206 29.5 24.8 37.2
 141 52.0 44.3 66.5



#60
 4-Nitroaniline
 Concen: 2.77 ng/ul
 RT: 15.363 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

Tgt Ion:138 Resp: 10199
 Ion Ratio Lower Upper
 138 100
 92 59.3 40.0 60.0
 108 113.1 80.0 120.0

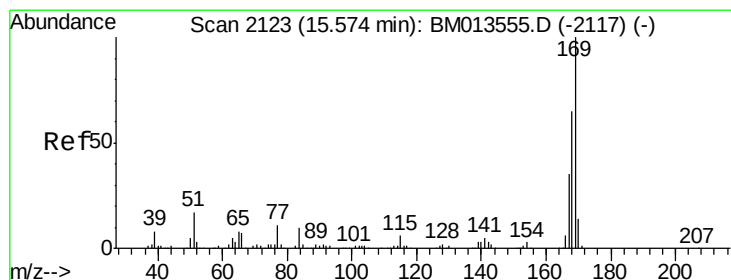
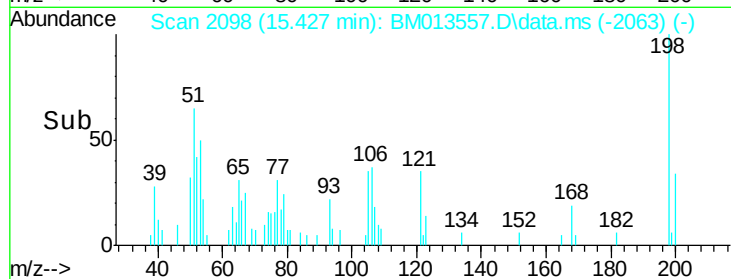
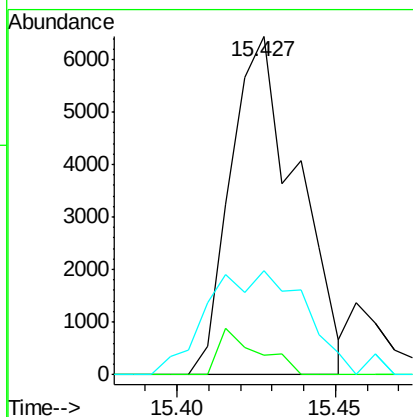
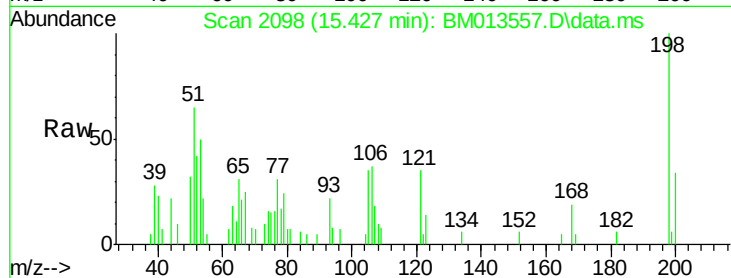




#63
 4,6-Dinitro-2-methylphenol
 Concen: 3.17 ng/ul
 RT: 15.427 min Scan# 2098
 Delta R.T. 0.006 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

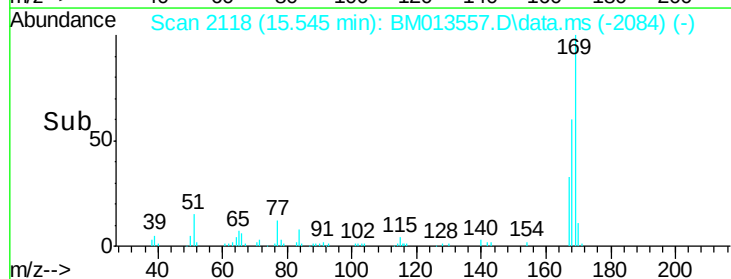
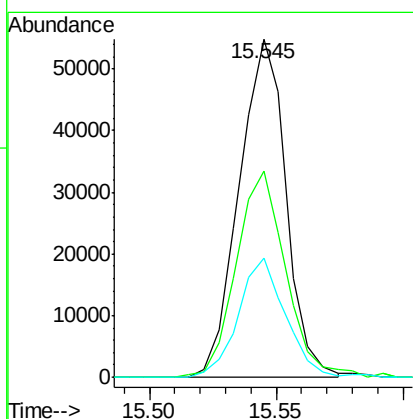
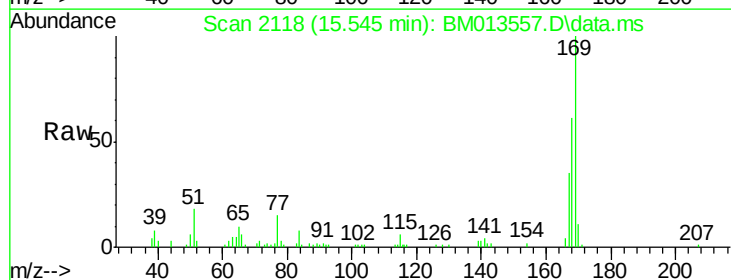
Instrument :
 BNA_M
 ClientSampleId :
 SST00508

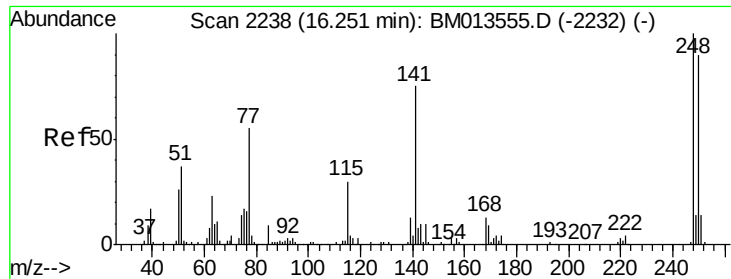
Tot Ion:198 Resp: 9417
 Ion Ratio Lower Upper
 198 100
 182 5.7 3.8 5.6#
 77 30.7 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 5.06 ng/ul
 RT: 15.545 min Scan# 2118
 Delta R.T. -0.000 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

Tgt Ion:169 Resp: 70569
 Ion Ratio Lower Upper
 169 100
 168 60.9 54.0 81.0
 167 35.3 29.1 43.7

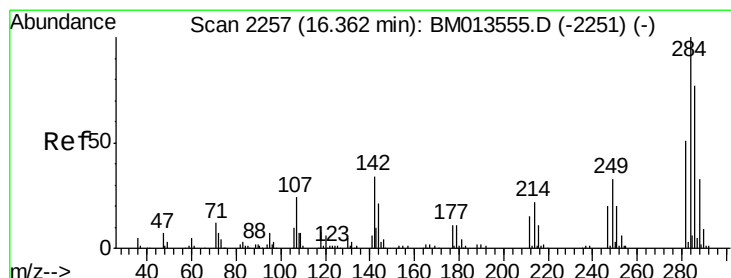
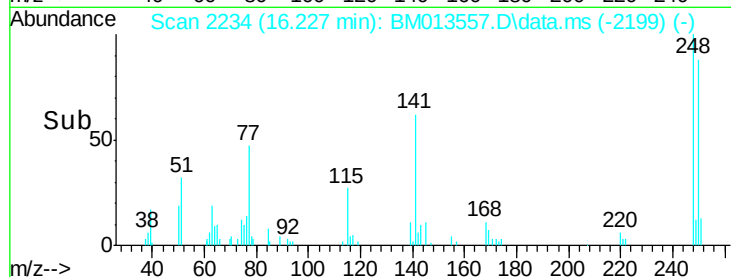
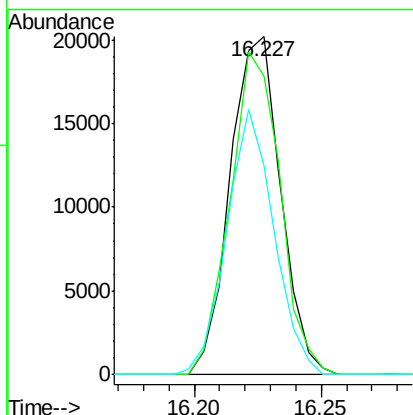
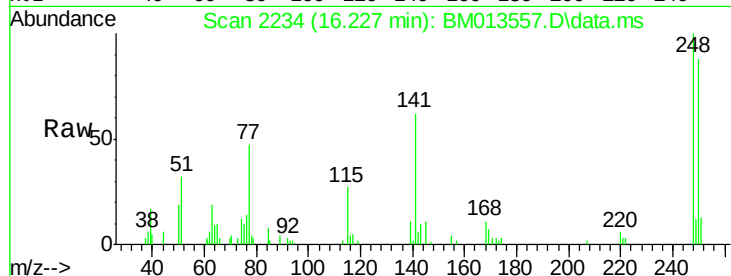




#65
4-Bromophenyl-phenylether
Concen: 5.04 ng/ul
RT: 16.227 min Scan# 2238
Delta R.T. 0.006 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

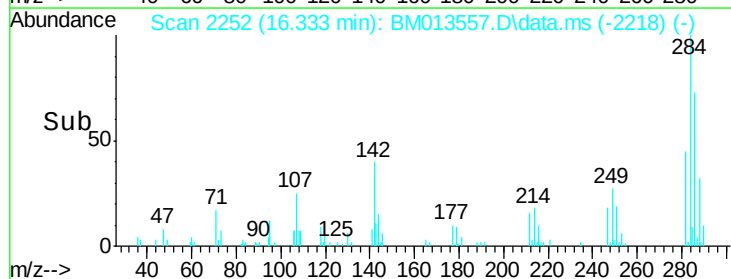
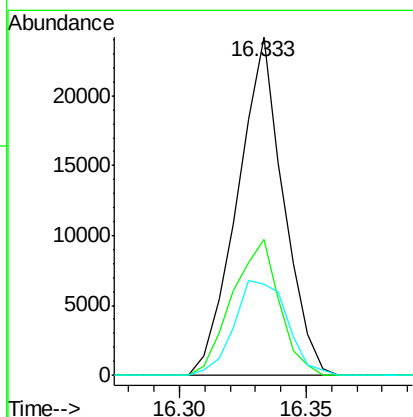
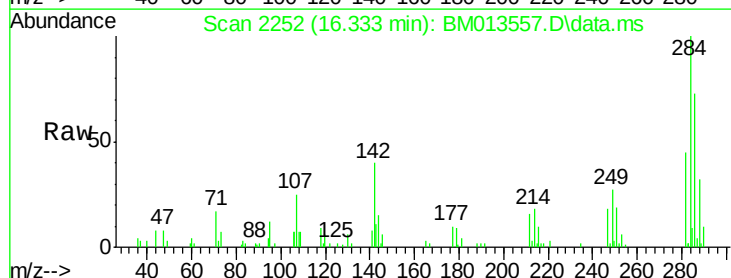
Instrument :
BNA_M
ClientSampleId :
SSTD00508

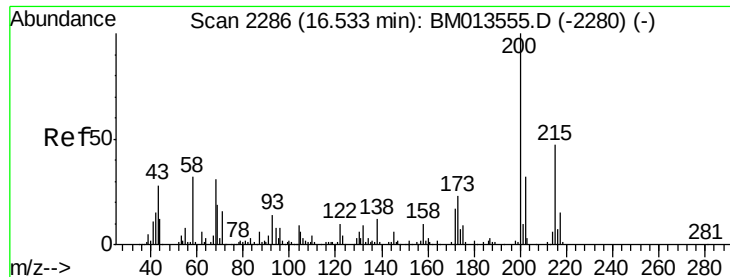
Tot Ion:248 Resp: 28051
Ion Ratio Lower Upper
248 100
250 88.4 80.5 120.7
141 61.7 53.6 80.4



#66
Hexachlorobenzene
Concen: 5.00 ng/ul
RT: 16.333 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

Tgt Ion:284 Resp: 30643
Ion Ratio Lower Upper
284 100
142 40.2 21.2 31.8#
249 26.9 24.5 36.7

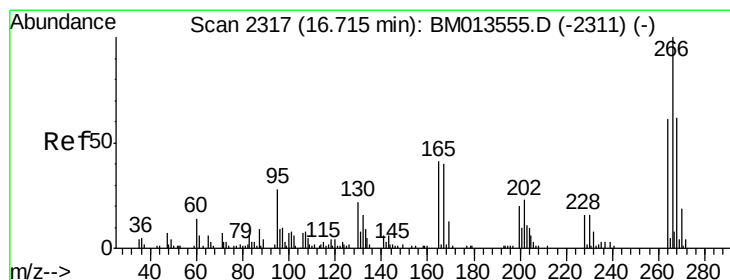
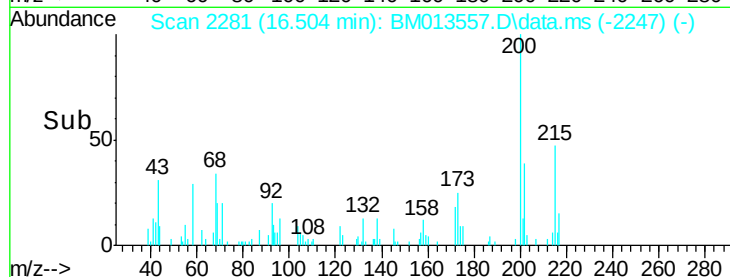
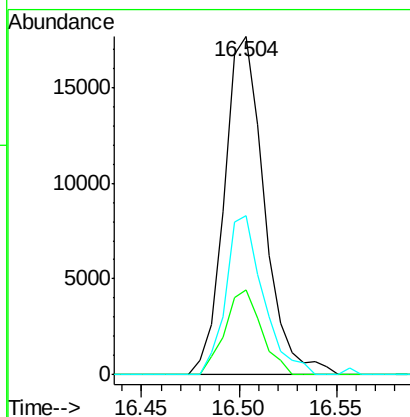
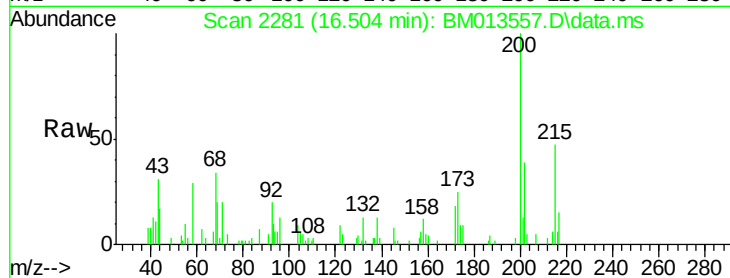




#67
Atrazine
Concen: 4.88 ng/ul
RT: 16.504 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

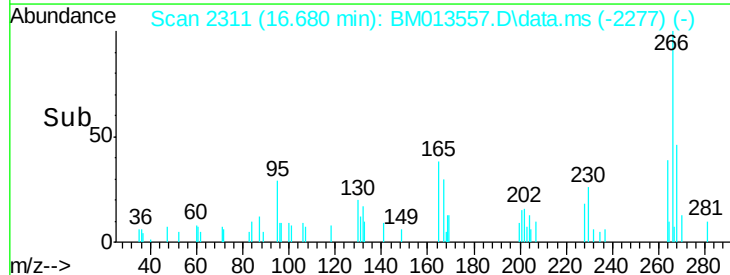
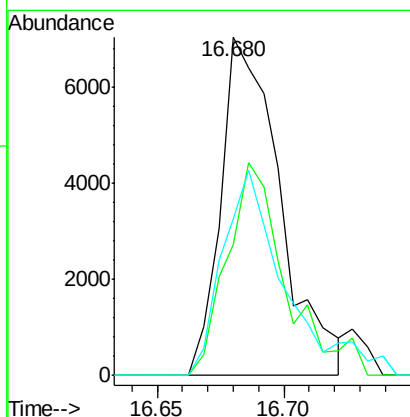
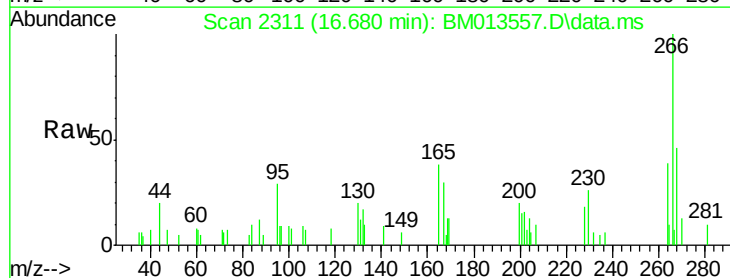
Instrument :
BNA_M
ClientSampleId :
SSTD00508

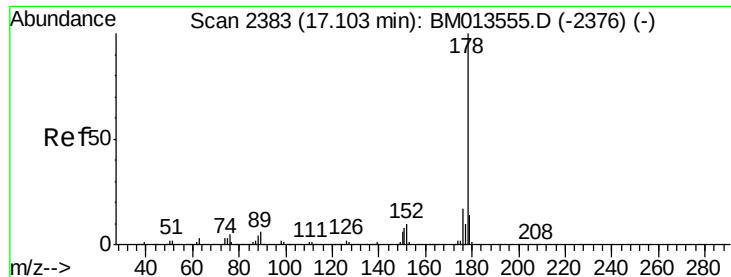
Tot Ion:200 Resp: 25098
Ion Ratio Lower Upper
200 100
173 25.0 18.2 27.2
215 47.2 35.0 52.4



#68
Pentachlorophenol
Concen: 3.24 ng/ul
RT: 16.680 min Scan# 2311
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

Tgt Ion:266 Resp: 11473
Ion Ratio Lower Upper
266 100
264 48.3 49.3 73.9#
268 46.1 52.6 78.8#





#69

Phenanthrene

Concen: 4.87 ng/ul

RT: 17.068 min Scan# 23

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

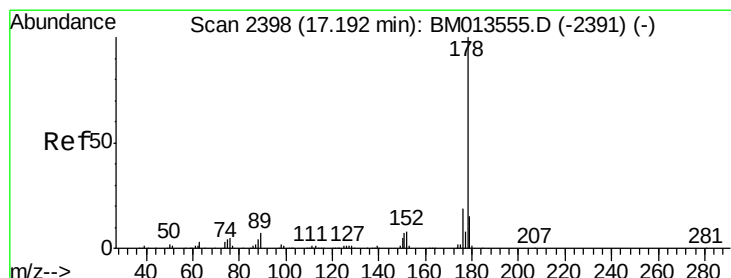
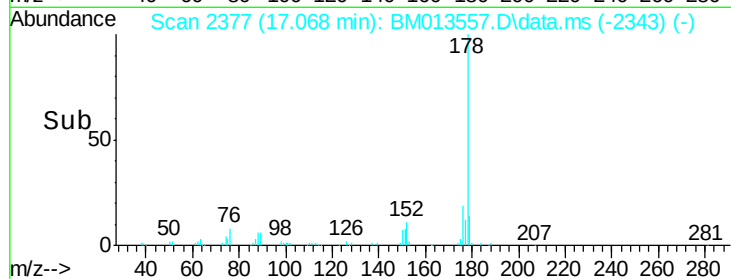
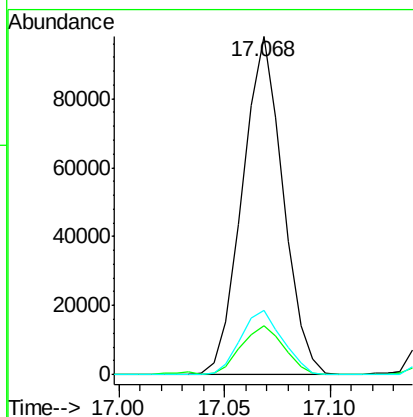
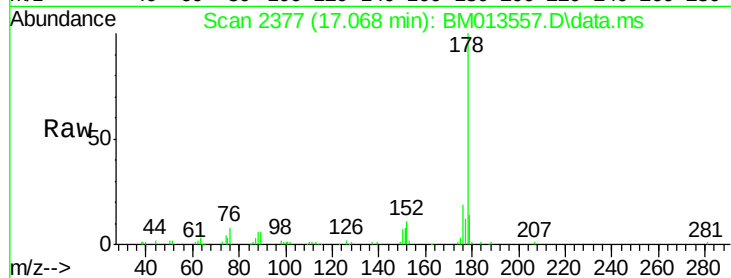
Tot Ion:178 Resp: 130978

Ion Ratio Lower Upper

178 100

179 14.4 12.6 19.0

176 18.8 14.9 22.3



#71

Anthracene

Concen: 4.91 ng/ul

RT: 17.157 min Scan# 2392

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

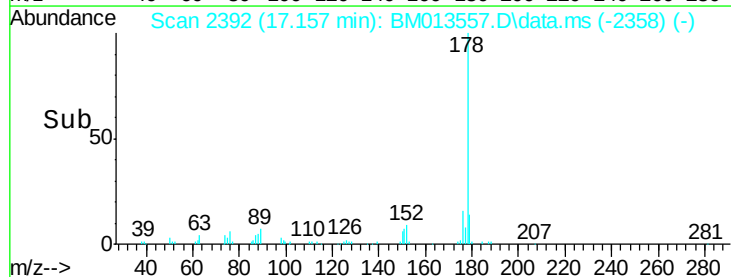
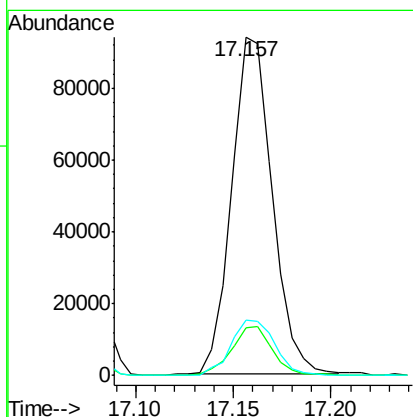
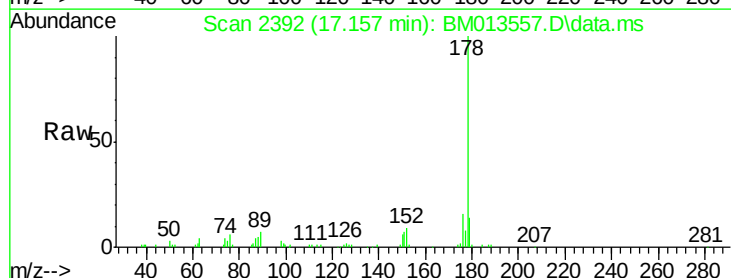
Tgt Ion:178 Resp: 134836

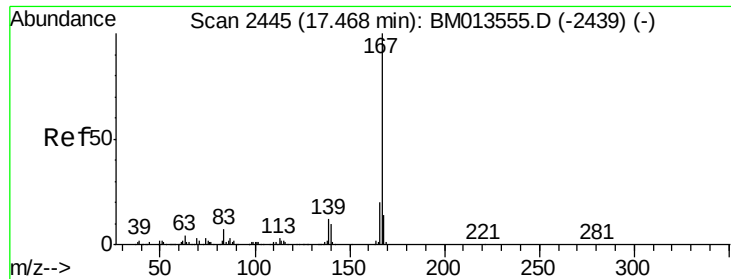
Ion Ratio Lower Upper

178 100

179 14.1 11.7 17.5

176 16.5 14.6 21.8





#72

Carbazole

Concen: 4.31 ng/ul

RT: 17.439 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

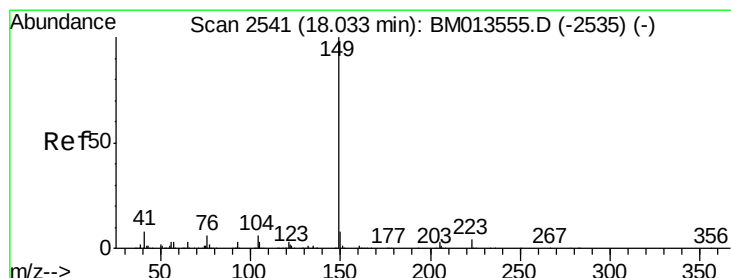
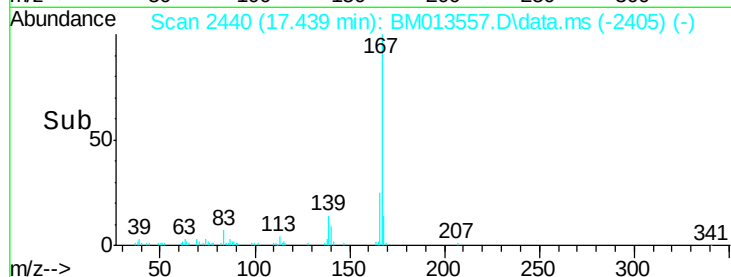
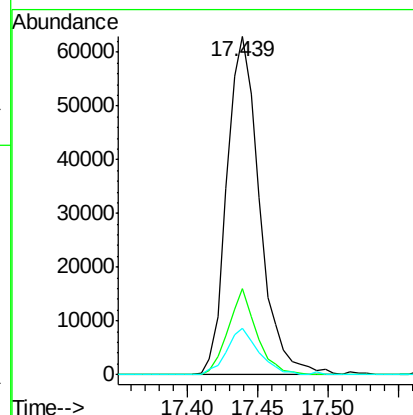
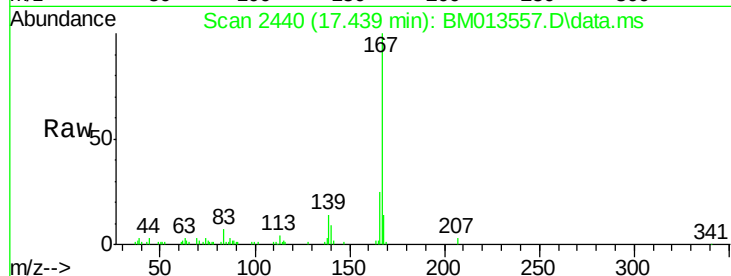
Tot Ion:167 Resp: 101763

Ion Ratio Lower Upper

167 100

166 25.3 17.1 25.7

139 13.6 10.0 15.0



#73

Di-n-butylphthalate

Concen: 4.25 ng/ul

RT: 18.004 min Scan# 2536

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

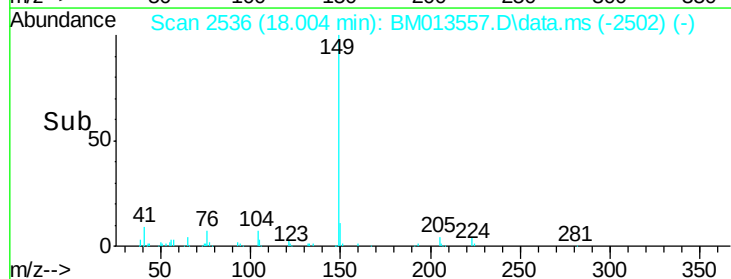
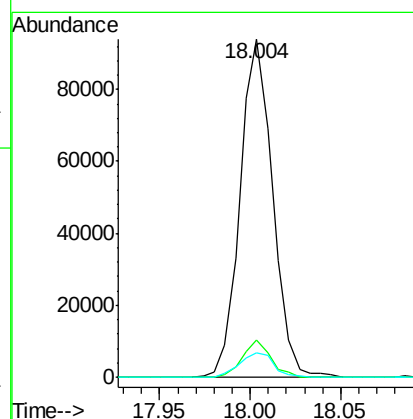
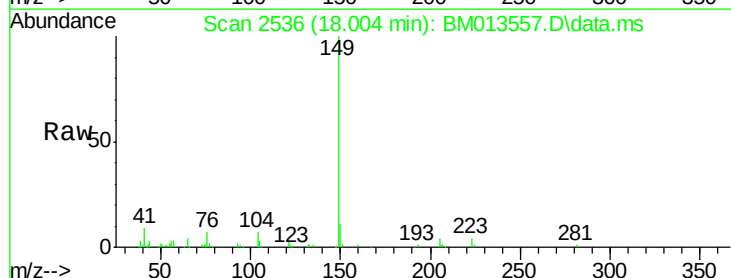
Tgt Ion:149 Resp: 117298

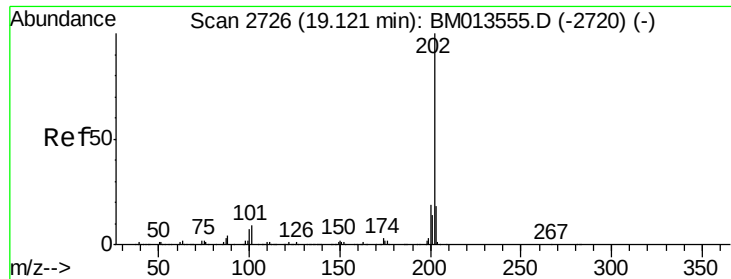
Ion Ratio Lower Upper

149 100

150 11.2 7.1 10.7#

104 7.3 5.6 8.4

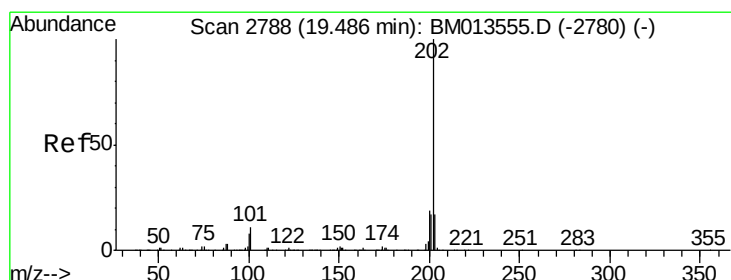
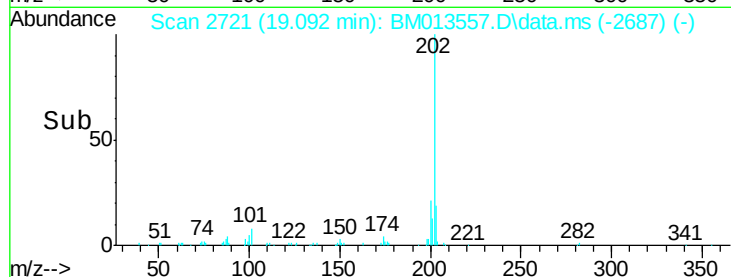
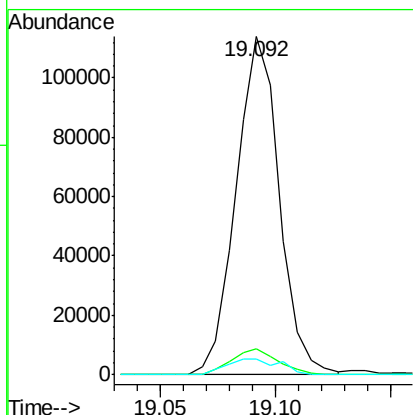
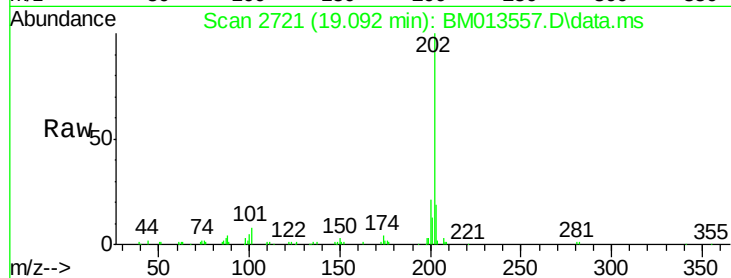




#74
 Fluoranthene
 Concen: 4.51 ng/ul
 RT: 19.092 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

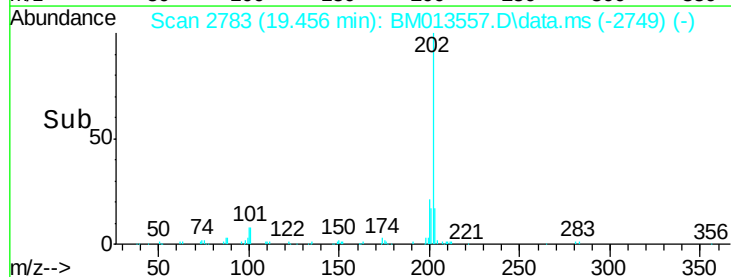
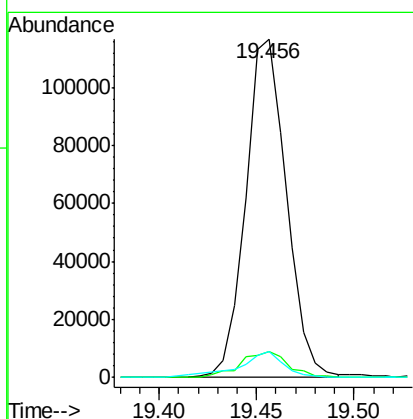
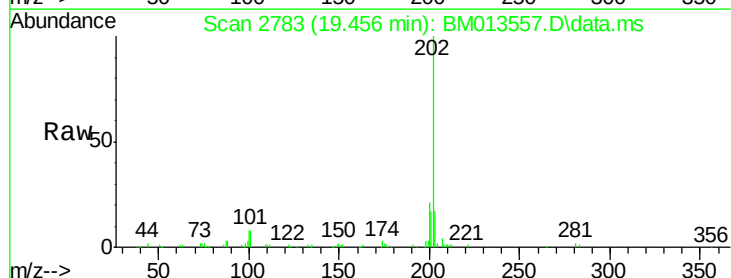
Instrument :
 BNA_M
 ClientSampleId :
 SSTD00508

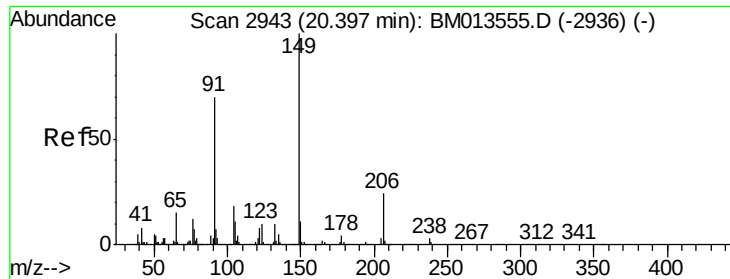
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.6	7.0#
100	4.7	3.4	5.2



#77
 Pyrene
 Concen: 4.87 ng/ul
 RT: 19.456 min Scan# 2783
 Delta R.T. -0.000 min
 Lab File: BM013557.D
 Acq: 10 Jan 2018 09:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.1	7.7
100	7.6	4.9	7.3#

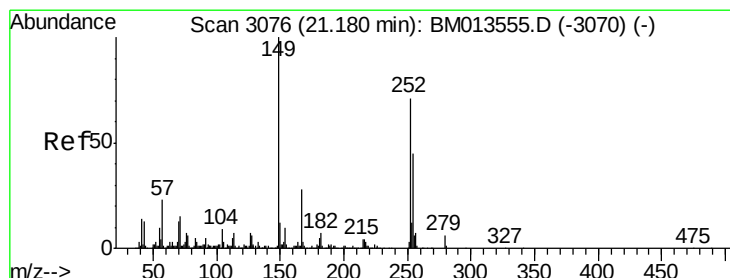
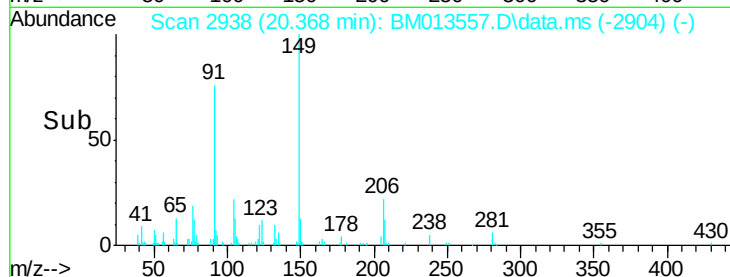
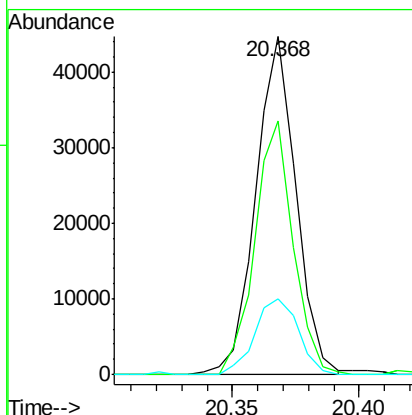
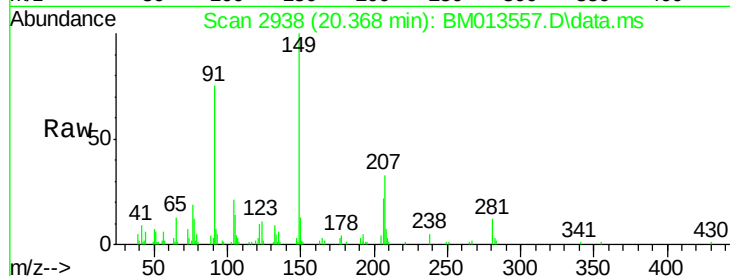




#78
Butylbenzylphthalate
Concen: 3.66 ng/ul
RT: 20.368 min Scan# 2943
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

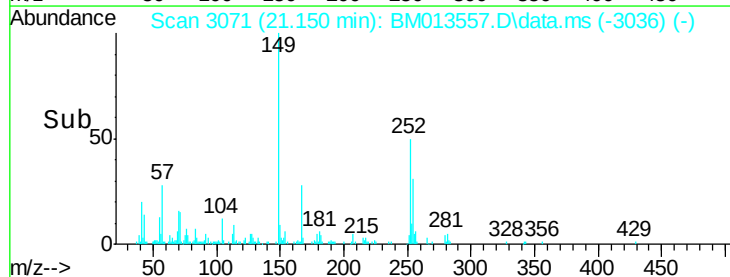
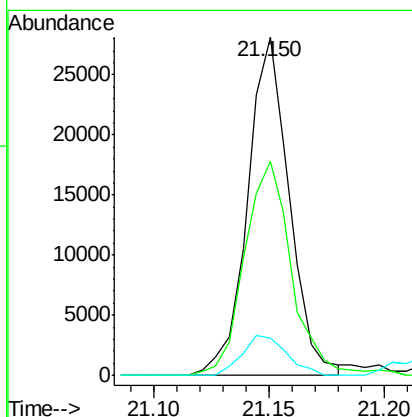
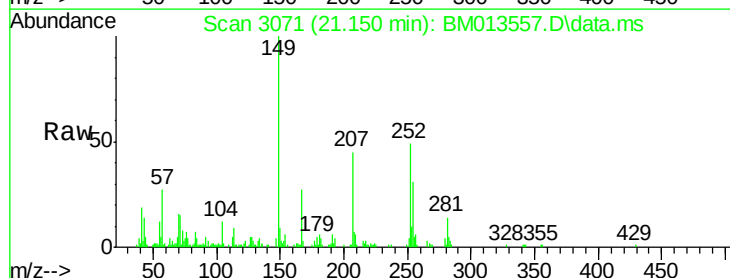
Instrument :
BNA_M
ClientSampleId :
SSTD00508

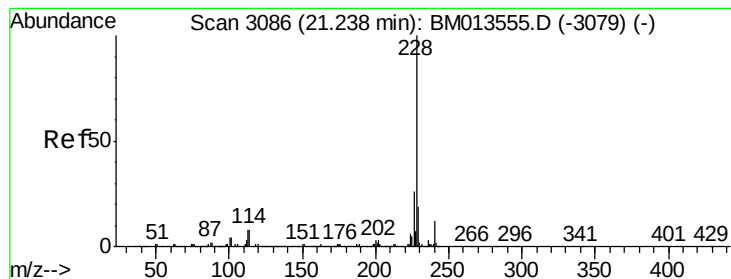
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.1	62.7	94.1
206	22.3	20.8	31.2



#79
3,3'-Dichlorobenzidine
Concen: 2.96 ng/ul
RT: 21.150 min Scan# 3071
Delta R.T. 0.006 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	54.5	81.7
126	11.0	5.8	8.8#

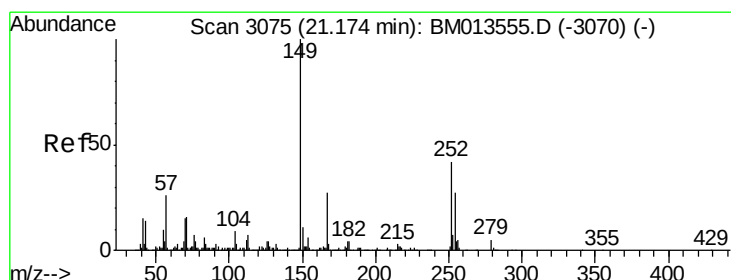
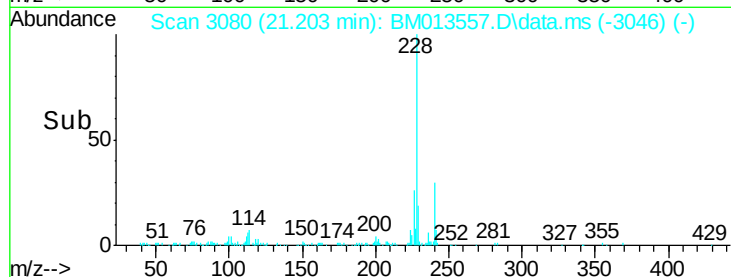
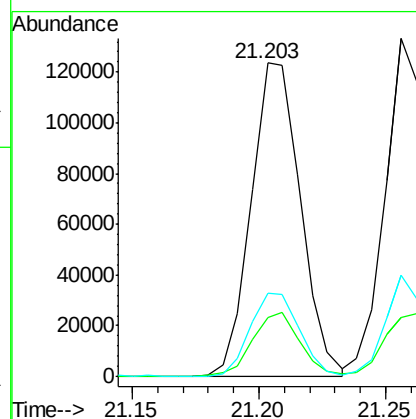
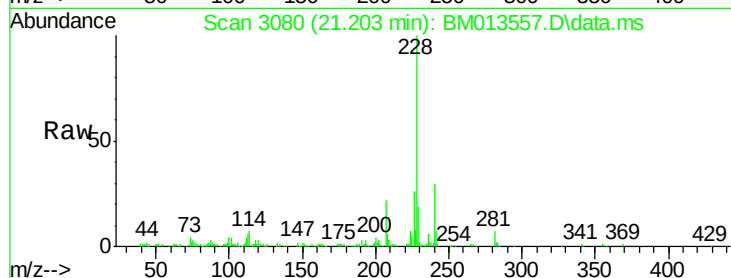




#80
Benzo(a)anthracene
Concen: 4.64 ng/ul
RT: 21.203 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

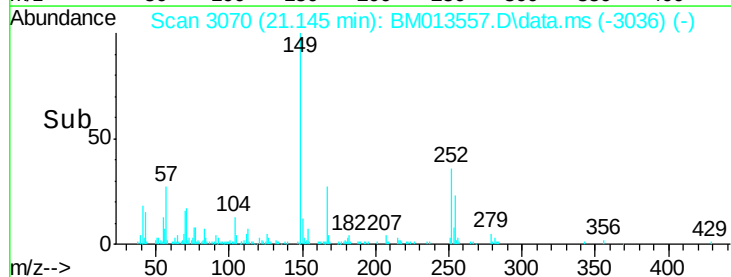
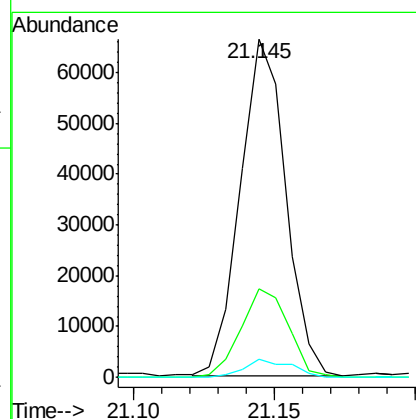
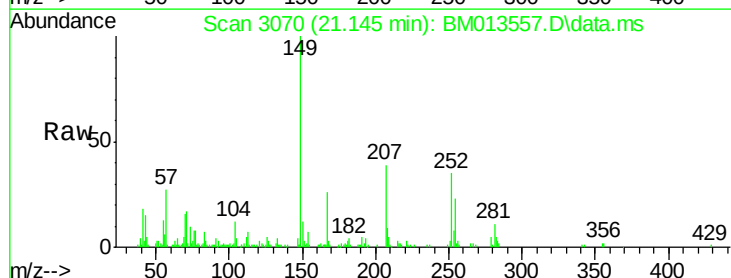
Instrument :
BNA_M
ClientSampleId :
SSTD00508

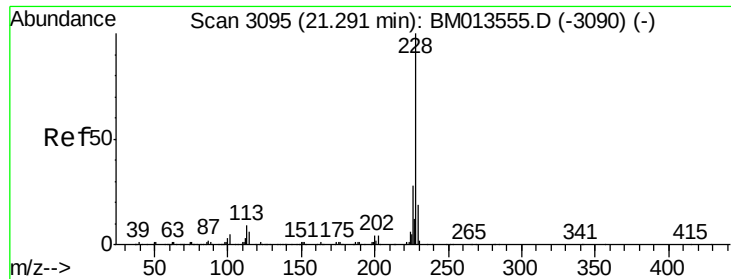
Tot Ion	Ratio	Lower	Upper
228	100		
229	18.8	15.4	23.0
226	26.5	21.4	32.0



#81
Bis(2-ethylhexyl)phthalate
Concen: 3.64 ng/ul
RT: 21.145 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM013557.D
Acq: 10 Jan 2018 09:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.8	34.2
279	5.3	4.9	7.3





#82

Chrysene

Concen: 4.77 ng/ul

RT: 21.256 min Scan# 3095

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

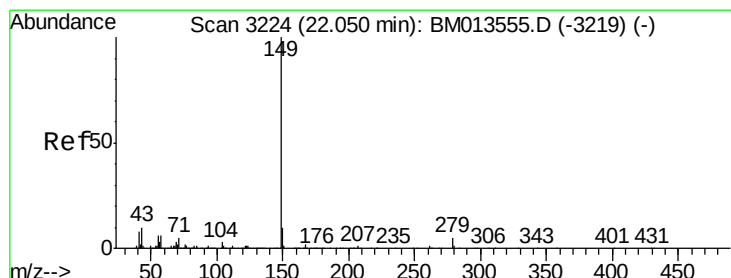
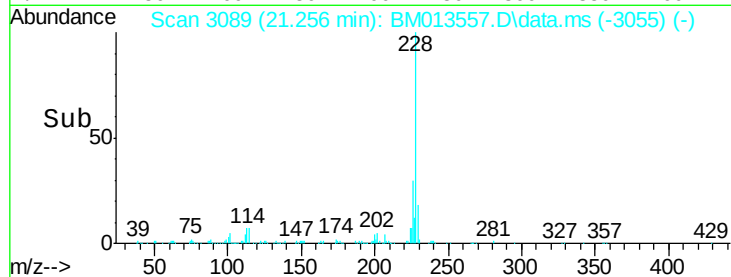
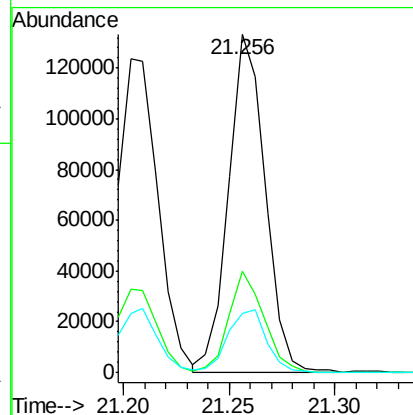
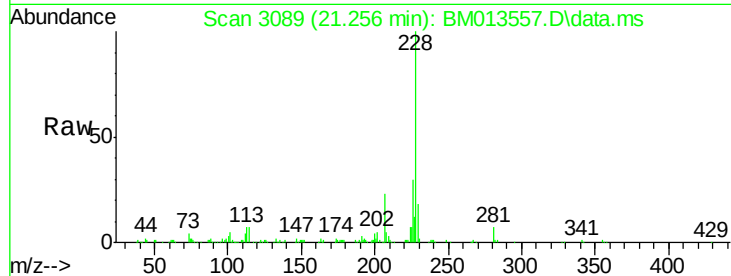
Tot Ion:228 Resp: 159556

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.2

229 17.5 15.5 23.3



#84

Di-n-octyl phthalate

Concen: 3.12 ng/ul

RT: 22.015 min Scan# 3218

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

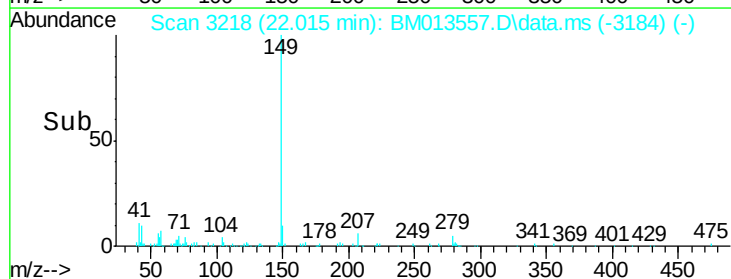
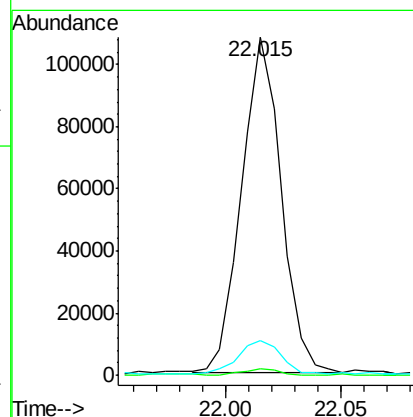
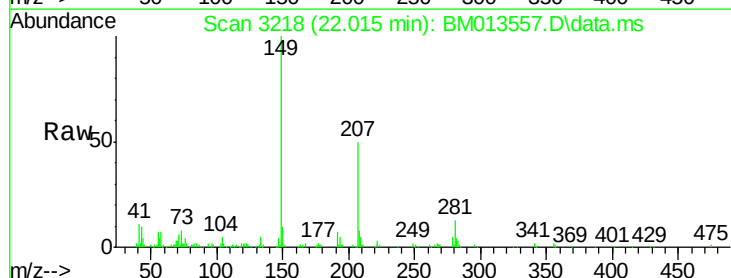
Tgt Ion:149 Resp: 129183

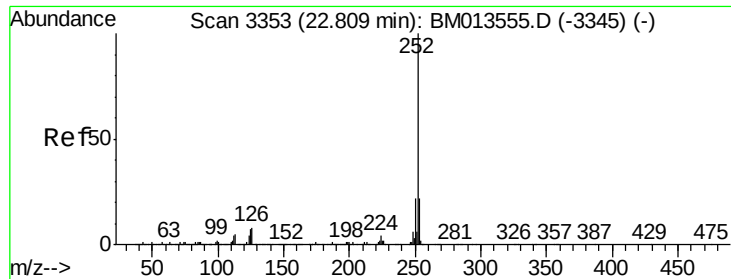
Ion Ratio Lower Upper

149 100

167 2.0 1.3 1.9#

43 10.2 7.3 10.9





#85

Benzo(b)fluoranthene

Concen: 4.16 ng/ul

RT: 22.768 min Scan# 33

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

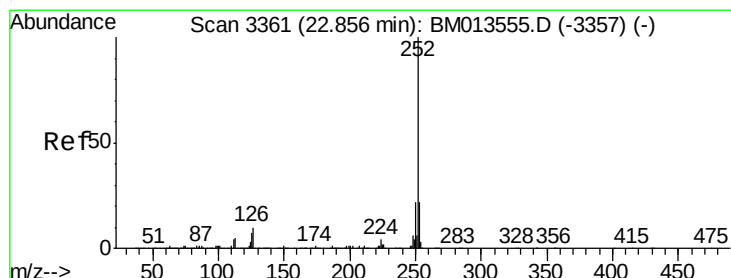
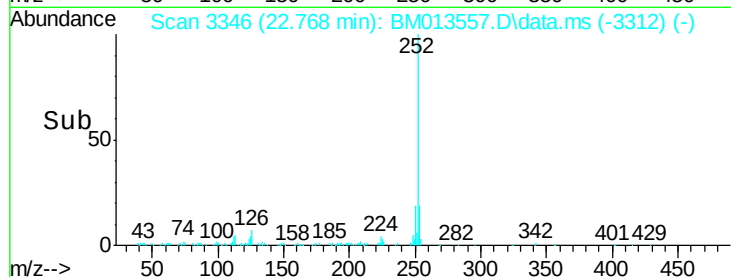
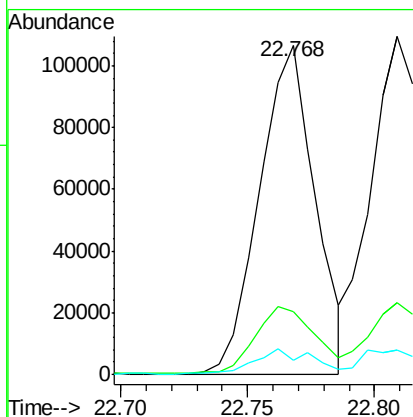
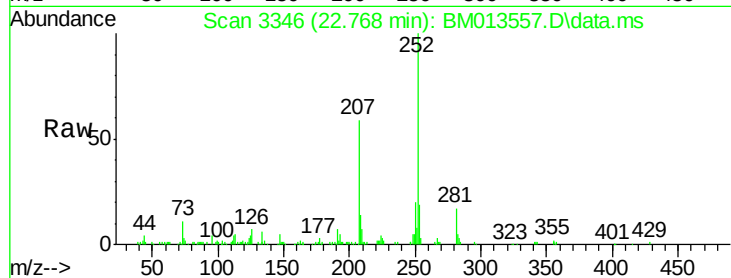
Tot Ion:252 Resp: 163228

Ion Ratio Lower Upper

252 100

253 19.0 17.9 26.9

125 4.3 3.6 5.4



#86

Benzo(k)fluoranthene

Concen: 4.42 ng/ul

RT: 22.768 min Scan# 3346

Delta R.T. -0.041 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

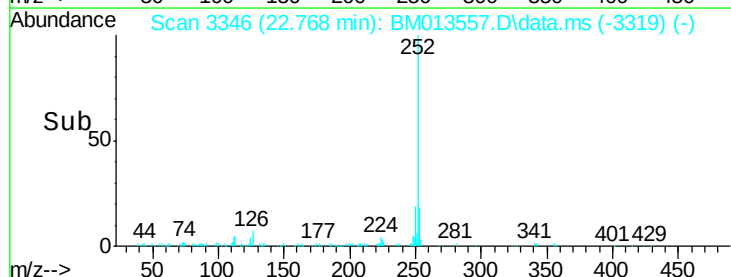
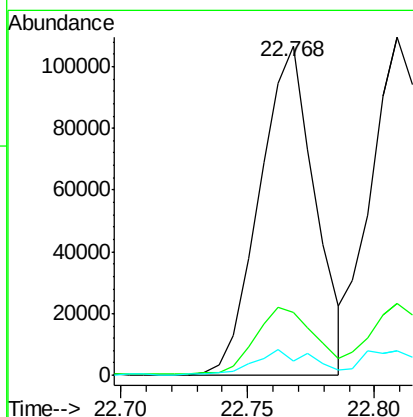
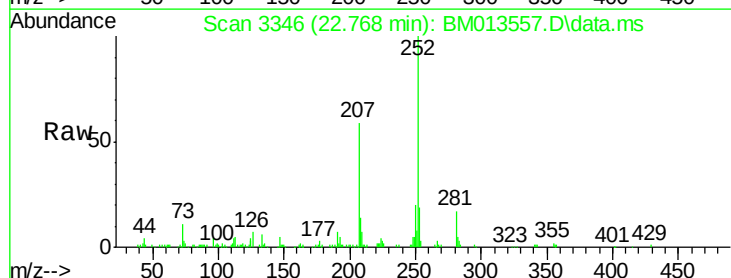
Tgt Ion:252 Resp: 163228

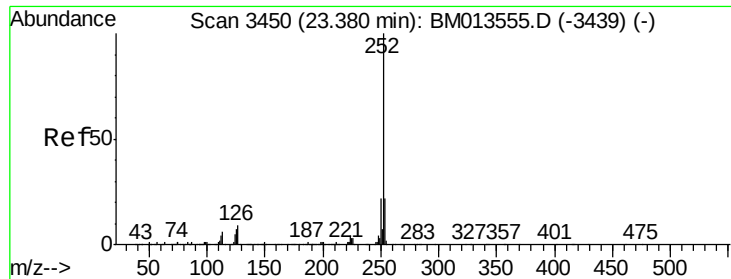
Ion Ratio Lower Upper

252 100

253 19.0 17.1 25.7

125 4.3 3.4 5.2





#88

Benzo(a)pyrene

Concen: 4.65 ng/ul

RT: 23.327 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

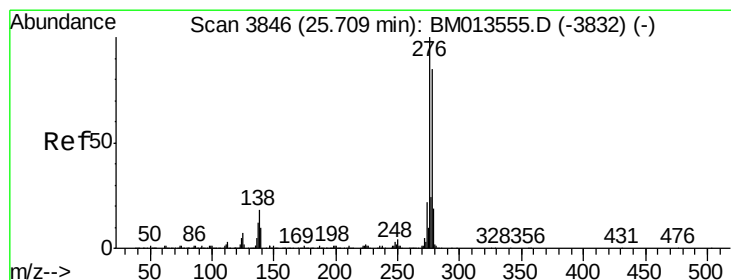
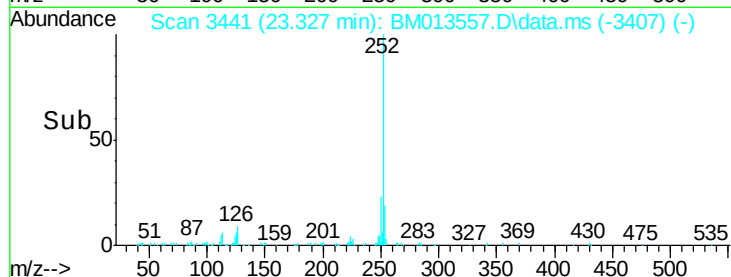
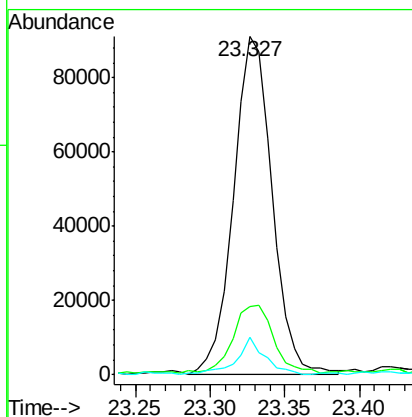
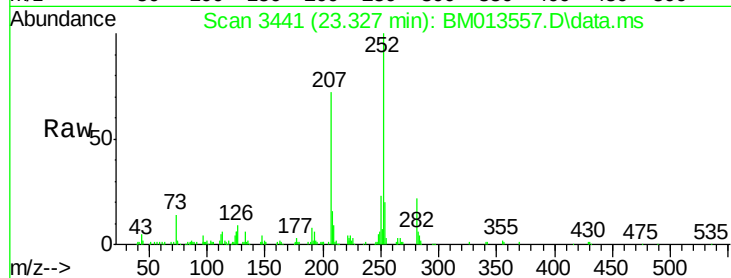
Tot Ion:252 Resp: 163944

Ion Ratio Lower Upper

252 100

253 20.1 18.2 27.2

125 11.2 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 5.92 ng/ul

RT: 25.632 min Scan# 3833

Delta R.T. -0.000 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

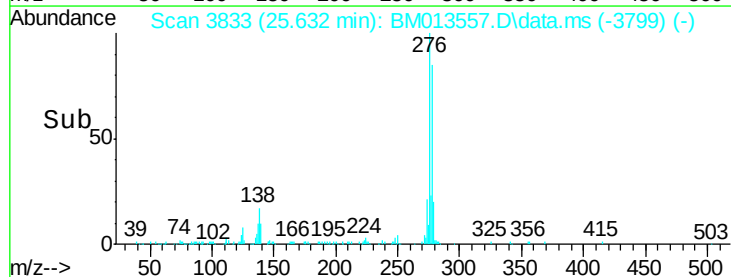
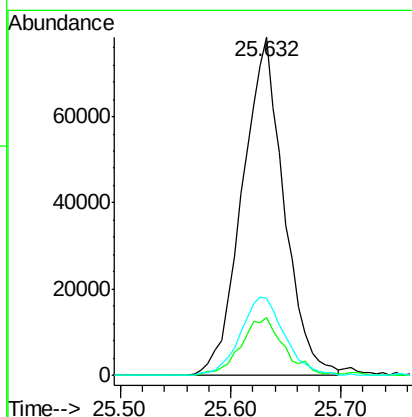
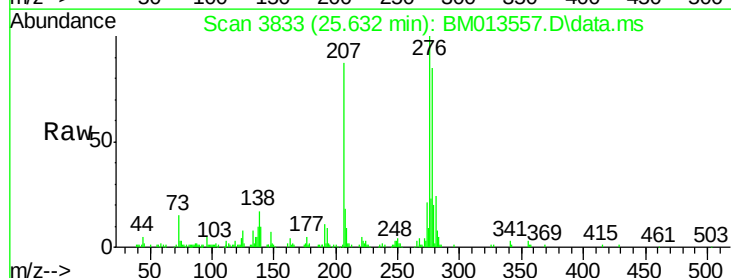
Tgt Ion:276 Resp: 207003

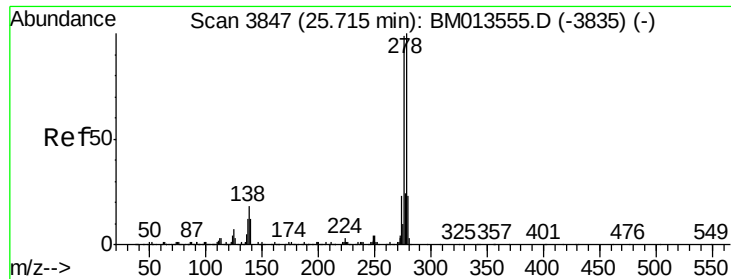
Ion Ratio Lower Upper

276 100

138 17.1 9.3 13.9#

277 22.8 19.9 29.9





#90

Dibenzo(a,h)anthracene

Concen: 5.78 ng/ul

RT: 25.632 min Scan# 38

Delta R.T. -0.006 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD00508

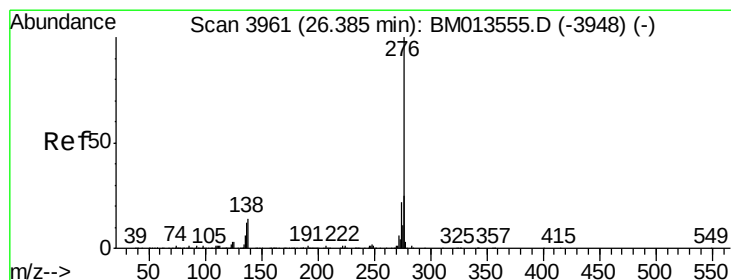
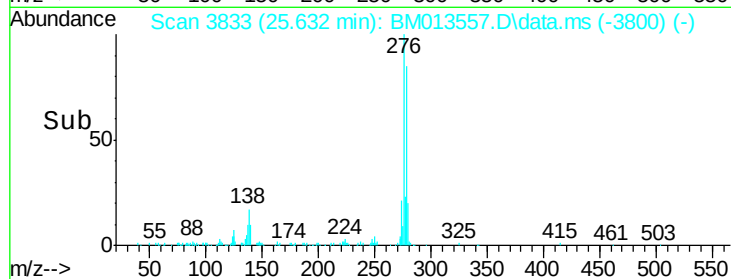
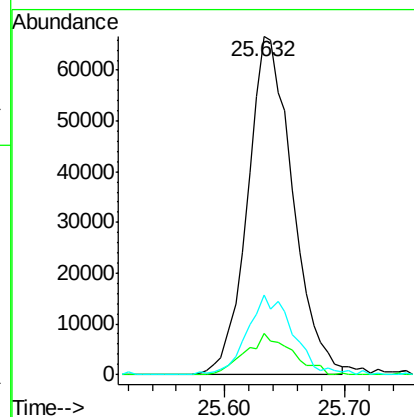
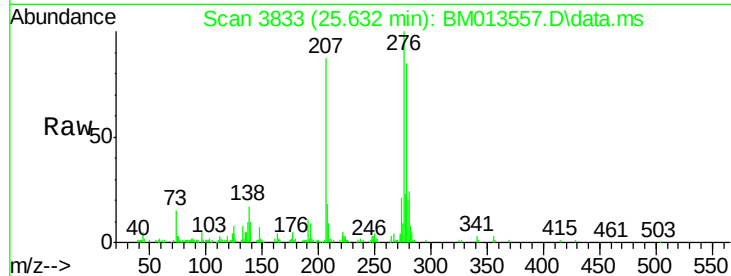
Tot Ion:278 Resp: 172197

Ion Ratio Lower Upper

278 100

139 12.3 5.8 8.8#

279 23.7 18.6 27.8



#91

Benzo(g,h,i)perylene

Concen: 6.08 ng/ul

RT: 26.297 min Scan# 3946

Delta R.T. -0.006 min

Lab File: BM013557.D

Acq: 10 Jan 2018 09:14

Tgt Ion:276 Resp: 167606

Ion Ratio Lower Upper

276 100

138 16.0 8.5 12.7#

277 24.1 18.6 28.0

