

Data Path : Z:\HPCHEM1\BNA M\Data\BM043016\
 Data File : BM005165.D
 Acq On : 30 Apr 2016 08:06
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

Quant Time: Apr 30 11:42:44 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 30 03:07:27 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	45720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.578	136	214768	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.425	164	134427	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.178	188	310094	20.00	ng/ul	0.00
75) Chrysene-d12	21.366	240	321331	20.00	ng/ul	0.00
83) Perylene-d12	23.648	264	274769	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	7525	8.36	ng/uL	0.00
5) Phenol-d5	6.955	99	82406	21.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.120	67	48802	22.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.320	132	63633	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.496	113	68656	21.41	ng/ul	0.00
19) Nitrobenzene-d5	8.943	128	31908	21.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.661	143	31838	19.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.196	165	67989	21.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.713	131	91996	24.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.837	166	217376	20.48	ng/ul	0.00
46) Acenaphthylene-d8	14.119	160	263649	20.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.637	143	36719	19.79	ng/ul	0.00
57) Fluorene-d10	15.419	176	187968	20.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.548	200	28169	15.97	ng/ul	0.00
70) Anthracene-d10	17.272	188	292723	21.05	ng/ul	0.00
76) Pyrene-d10	19.572	212	321111	21.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.501	264	253539	20.59	ng/ul	0.00
Target Compounds						
						Ovalue
2) 1,4-Dioxane	3.320	88	13544	8.11	ng/uL	95
4) Benzaldehyde	6.931	77	51681	27.52	ng/ul	96
6) Phenol	6.984	94	86441	21.93	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.214	93	65511	21.67	ng/ul	96
10) 2-Chlorophenol	7.355	128	64444	20.96	ng/ul	96
11) 2-Methylphenol	8.225	108	66266	21.53	ng/ul	96
12) 2,2'-oxybis(1-Chloropr...	8.320	45	91708	23.46	ng/ul	98
14) Acetophenone	8.608	105	107917	22.36	ng/ul	99
15) N-Nitroso-di-n-propyla...	8.590	70	55292	22.88	ng/ul	94
16) 4-Methylphenol	8.555	108	73604	21.50	ng/ul	98
17) Hexachloroethane	8.861	117	25740	21.02	ng/ul	93
20) Nitrobenzene	8.984	77	80304	21.94	ng/ul	97
21) Isophorone	9.508	82	160271	23.06	ng/ul	98
23) 2-Nitrophenol	9.696	139	35991	19.95	ng/ul	91
24) 2,4-Dimethylphenol	9.755	107	81155	20.90	ng/ul	100
25) Bis(2-Chloroethoxy)met...	9.990	93	94298	21.83	ng/ul	99
27) 2,4-Dichlorophenol	10.225	162	68398	21.11	ng/ul	98
28) Naphthalene	10.625	128	223195	20.61	ng/ul	100
30) 4-Chloroaniline	10.737	127	92951	24.71	ng/ul	99
31) Hexachlorobutadiene	10.908	225	41578	19.45	ng/ul	98
32) Caprolactam	11.543	113	6608	5.90	ng/ul	89
33) 4-Chloro-3-methylphenol	11.866	107	81670	22.04	ng/ul	98

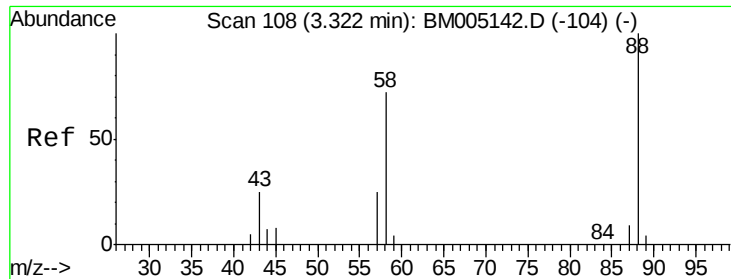
Data Path : Z:\HPCHEM1\BNA M\Data\BM043016\
 Data File : BM005165.D
 Acq On : 30 Apr 2016 08:06
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

Quant Time: Apr 30 11:42:44 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 30 03:07:27 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 2-Methylnaphthalene	12.237	142	165462	20.64	ng/ul	99
36) 1,2,4,5-Tetrachloroben...	12.613	216	85640	20.39	ng/ul	98
37) Hexachlorocyclopentadiene	12.590	237	40639	16.31	ng/ul	98
38) 2,4,6-Trichlorophenol	12.855	196	55449	20.76	ng/ul	98
39) 2,4,5-Trichlorophenol	12.925	196	62988	21.05	ng/ul	99
40) 1,1'-Biphenyl	13.254	154	219874	20.68	ng/ul	100
41) 2-Chloronaphthalene	13.302	162	167304	20.68	ng/ul	99
42) 2-Nitroaniline	13.507	65	50464	23.00	ng/ul	93
44) Dimethylphthalate	13.884	163	217593	20.44	ng/ul	100
45) 2,6-Dinitrotoluene	14.007	165	43079	20.95	ng/ul	91
47) Acenaphthylene	14.149	152	280502	20.97	ng/ul	100
48) 3-Nitroaniline	14.337	138	48154	23.02	ng/ul	98
49) Acenaphthene	14.490	153	183552	20.85	ng/ul	99
50) 2,4-Dinitrophenol	14.549	184	14331	11.94	ng/ul	96
52) 4-Nitrophenol	14.649	109	31006	18.69	ng/ul	93
53) Dibenzofuran	14.825	168	261756	20.17	ng/ul	97
54) 2,4-Dinitrotoluene	14.801	165	64538	20.66	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.054	232	51407	19.79	ng/ul	96
56) Diethylphthalate	15.248	149	222266	20.68	ng/ul	99
58) Fluorene	15.478	166	209179	20.76	ng/ul	100
59) 4-Chlorophenyl-phenyle...	15.472	204	103309	20.32	ng/ul	99
60) 4-Nitroaniline	15.507	138	49888	22.11	ng/ul	97
63) 4,6-Dinitro-2-methylph...	15.560	198	31560	16.99	ng/ul	98
64) N-Nitrosodiphenylamine	15.690	169	184446	21.64	ng/ul	99
65) 4-Bromophenyl-phenylether	16.366	248	63355	20.93	ng/ul	99
66) Hexachlorobenzene	16.484	284	69408	20.13	ng/ul	98
67) Atrazine	16.637	200	68887	21.93	ng/ul	97
68) Pentachlorophenol	16.825	266	37185	18.70	ng/ul	99
69) Phenanthrene	17.219	178	341108	20.67	ng/ul	99
71) Anthracene	17.307	178	352153	21.17	ng/ul	99
72) Carbazole	17.578	167	318302	22.31	ng/ul	99
73) Di-n-butylphthalate	18.137	149	386958	23.17	ng/ul	100
74) Fluoranthene	19.236	202	399002	21.97	ng/ul	99
77) Pyrene	19.601	202	405897	21.87	ng/ul	99
78) Butylbenzylphthalate	20.495	149	177900	24.92	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.283	252	125447	21.83	ng/ul	97
80) Benzo(a)anthracene	21.348	228	382952	20.82	ng/ul	99
81) Bis(2-ethylhexyl)phtha...	21.272	149	258250	25.76	ng/ul	100
82) Chrysene	21.401	228	364314	20.70	ng/ul	99
84) Di-n-octyl phthalate	22.160	149	452826	26.51	ng/ul	98
85) Benzo(b)fluoranthene	22.960	252	351198	21.22	ng/ul	99
86) Benzo(k)fluoranthene	23.007	252	326856	20.31	ng/ul	100
88) Benzo(a)pyrene	23.548	252	317419	20.54	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.954	276	308103	20.90	ng/ul	99
90) Dibenzo(a,h)anthracene	25.960	278	260187	21.12	ng/ul	99
91) Benzo(g,h,i)perylene	26.660	276	250764	20.79	ng/ul	99

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



#2

1,4-Dioxane

Concen: 8.11 ng/uL

RT: 3.320 min Scan# 29

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

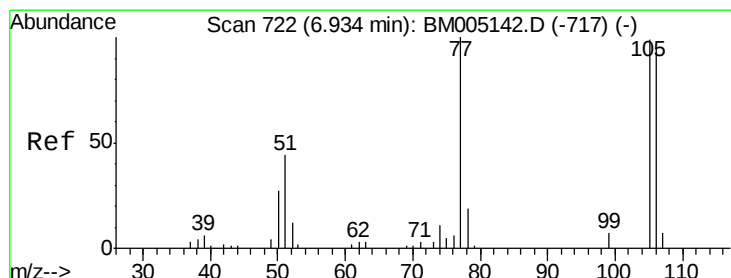
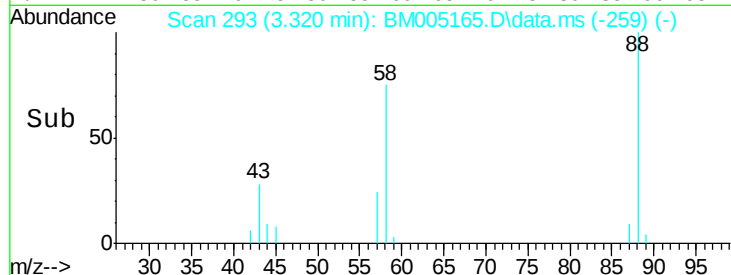
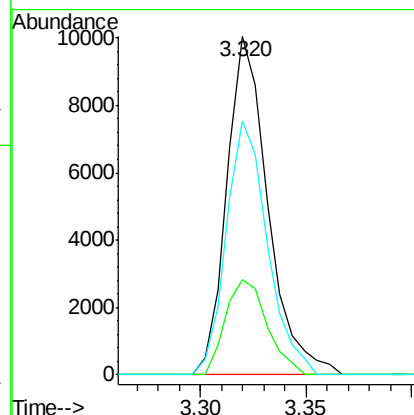
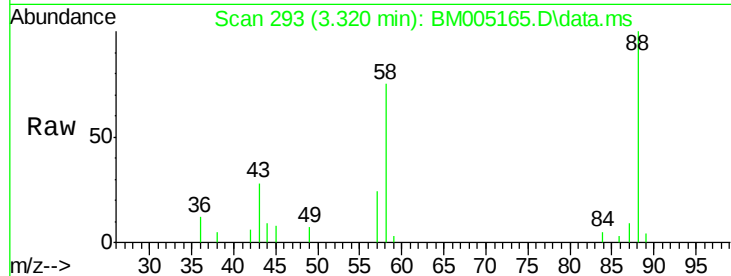
Tot Ion: 88 Resp: 13544

Ion Ratio Lower Upper

88 100

43 28.3 23.0 34.4

58 74.9 55.4 83.2



#4

Benzaldehyde

Concen: 27.52 ng/uL

RT: 6.931 min Scan# 907

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

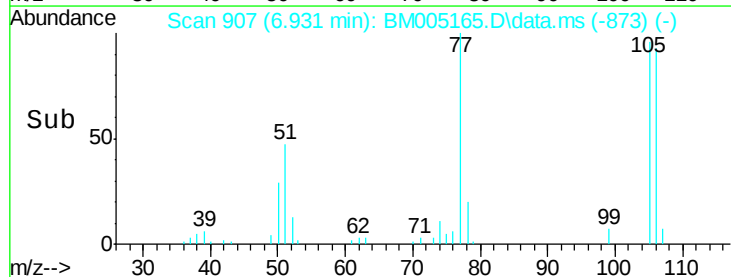
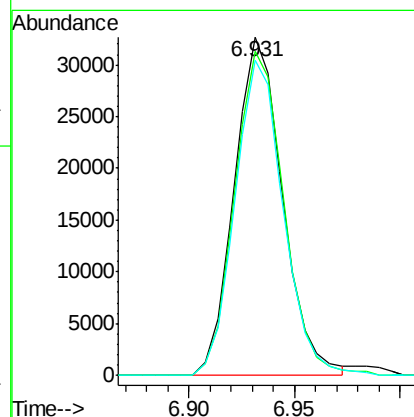
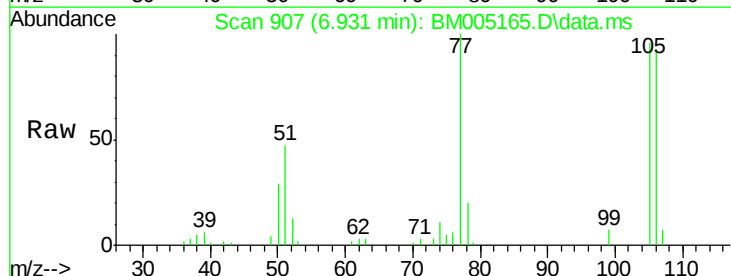
Tgt Ion: 77 Resp: 51681

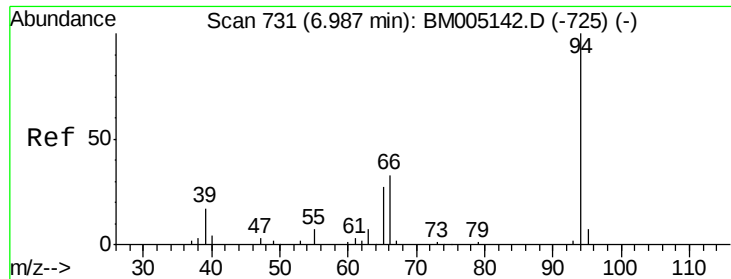
Ion Ratio Lower Upper

77 100

105 96.0 81.3 121.9

106 93.2 77.2 115.8





#6

Phenol

Concen: 21.93 ng/ul

RT: 6.984 min Scan# 91

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

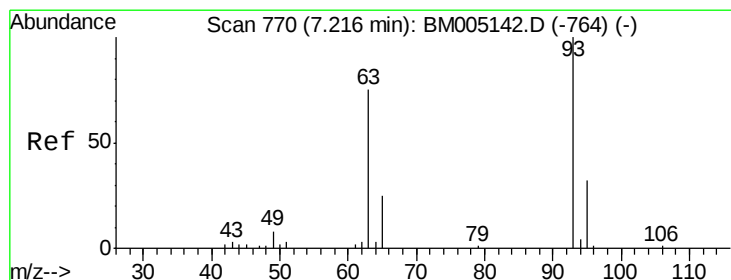
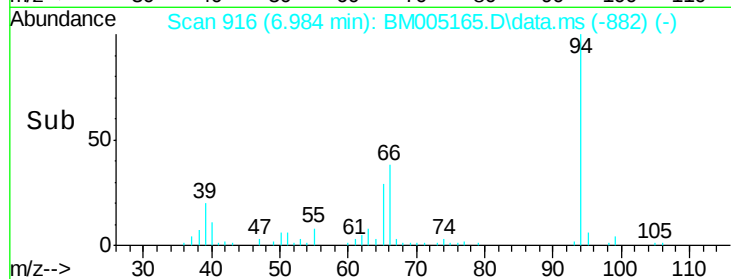
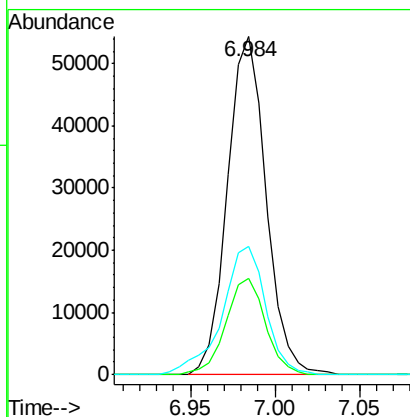
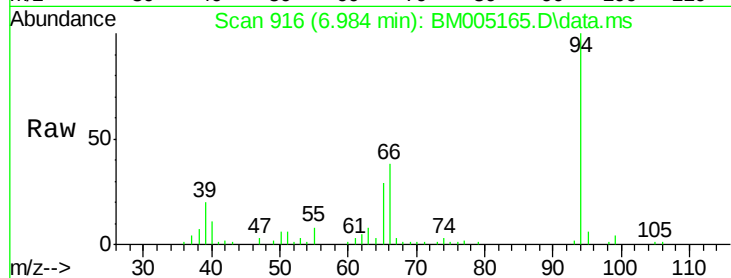
Tot Ion: 94 Resp: 86441

Ion Ratio Lower Upper

94 100

65 28.5 21.6 32.4

66 37.9 29.6 44.4



#8

Bis(2-Chloroethyl)ether

Concen: 21.67 ng/ul

RT: 7.214 min Scan# 955

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

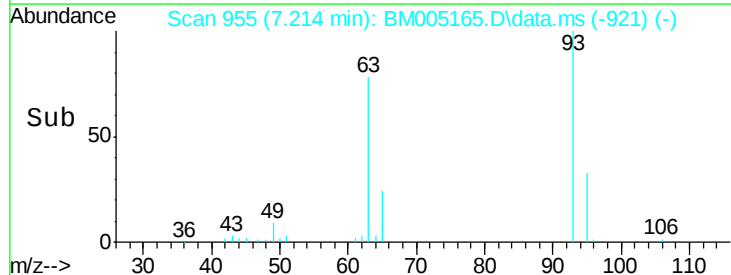
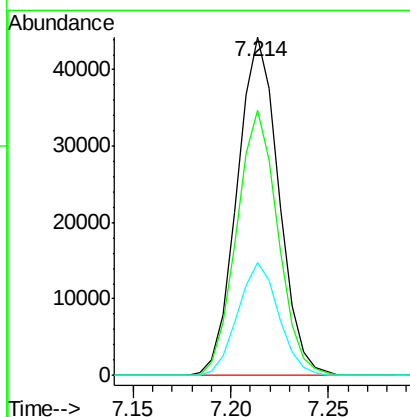
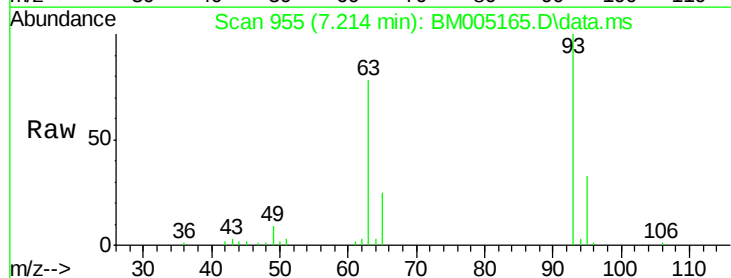
Tgt Ion: 93 Resp: 65511

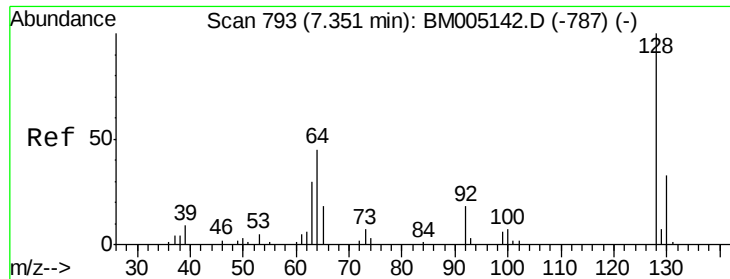
Ion Ratio Lower Upper

93 100

63 78.3 59.3 88.9

95 33.3 25.4 38.0

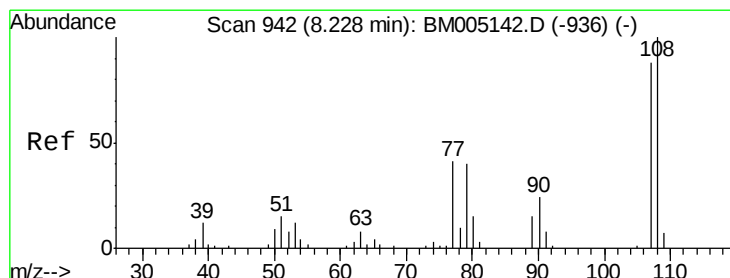
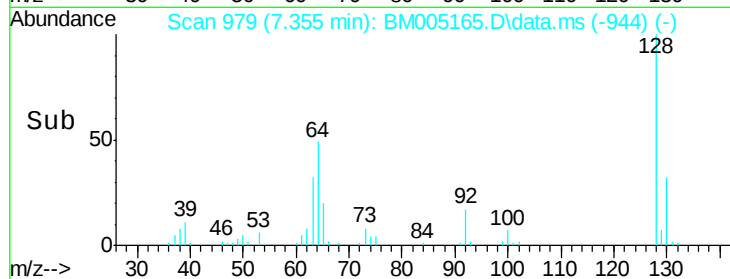
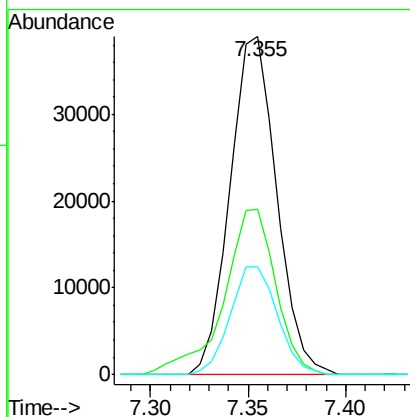
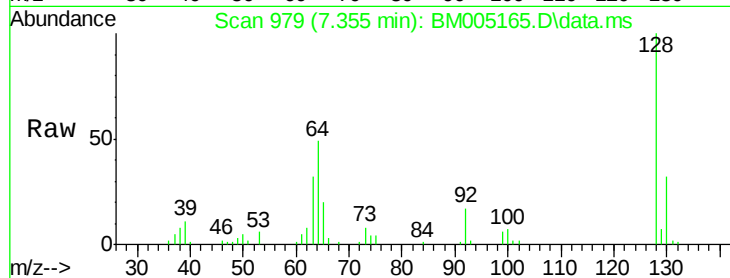




#10
2-Chlorophenol
Concen: 20.96 ng/ul
RT: 7.355 min Scan# 97
Delta R.T. 0.004 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

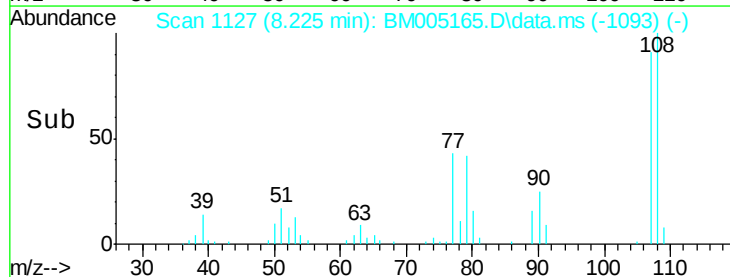
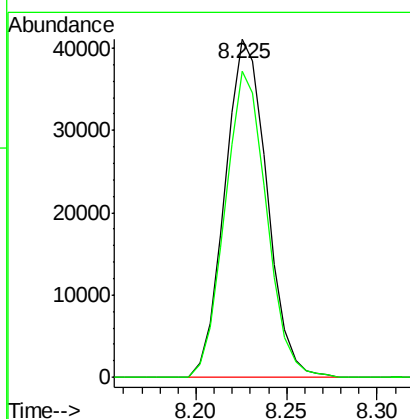
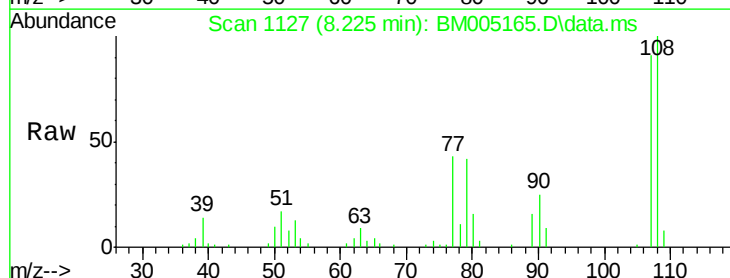
Instrument :
BNA_M
ClientSampleId :
SSTD02056

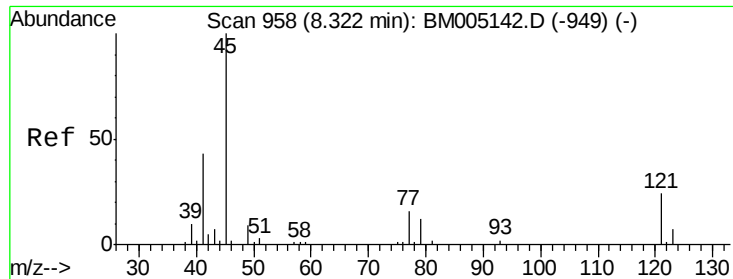
Tot Ion:128 Resp: 64444
Ion Ratio Lower Upper
128 100
64 48.9 35.7 53.5
130 31.9 25.9 38.9



#11
2-Methylphenol
Concen: 21.53 ng/ul
RT: 8.225 min Scan# 1127
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

Tgt Ion:108 Resp: 66266
Ion Ratio Lower Upper
108 100
107 90.7 69.4 104.0

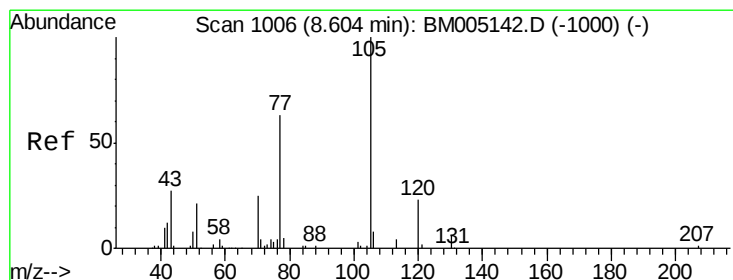
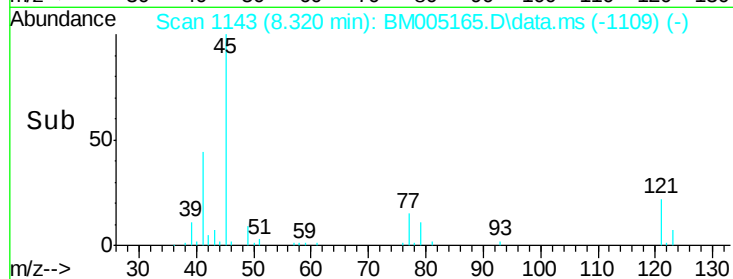
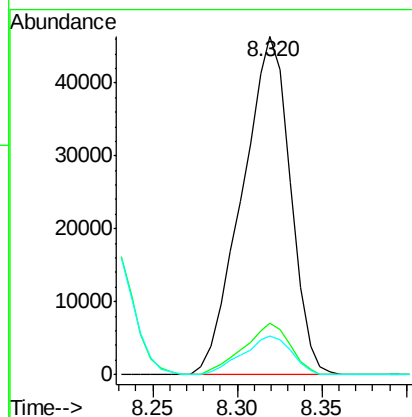
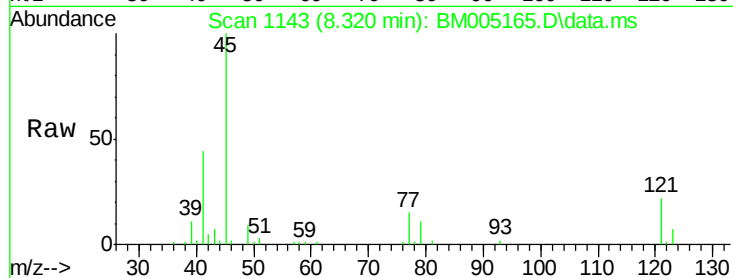




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 23.46 ng/ul
RT: 8.320 min Scan# 111
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

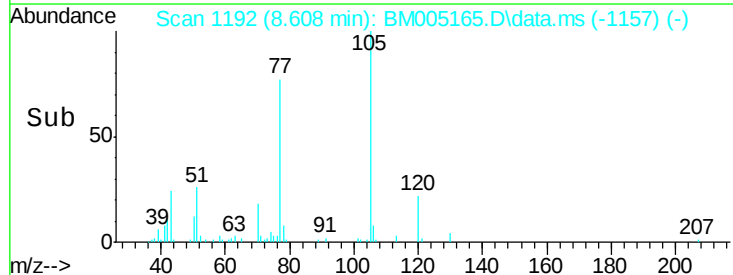
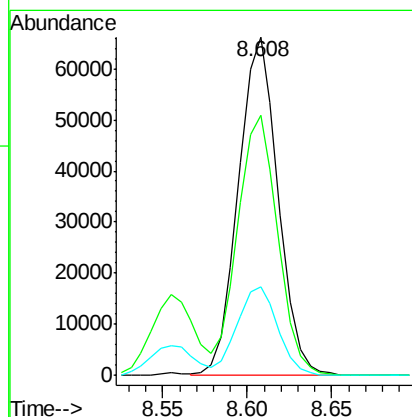
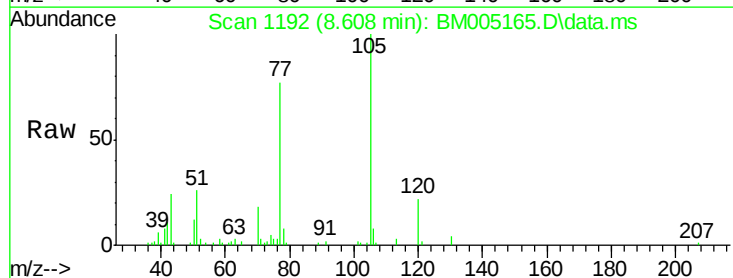
Instrument :
BNA_M
ClientSampleId :
SSTD02056

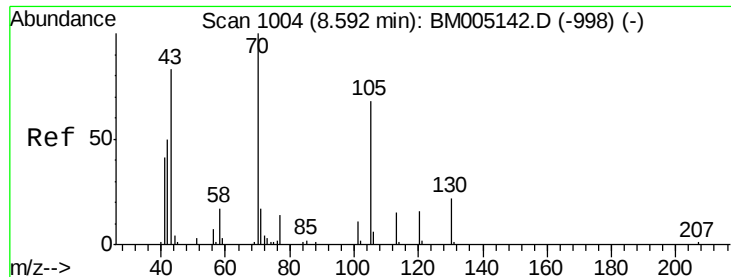
Tot Ion: 45 Resp: 91708
Ion Ratio Lower Upper
45 100
77 15.1 12.6 18.8
79 11.3 9.9 14.9



#14
Acetophenone
Concen: 22.36 ng/ul
RT: 8.608 min Scan# 1192
Delta R.T. 0.004 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

Tgt Ion: 105 Resp: 107917
Ion Ratio Lower Upper
105 100
77 77.1 61.4 92.0
51 26.3 20.0 30.0

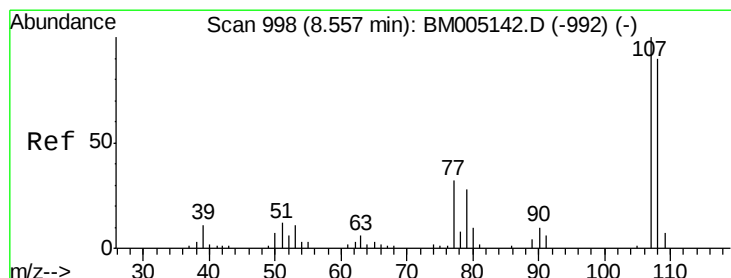
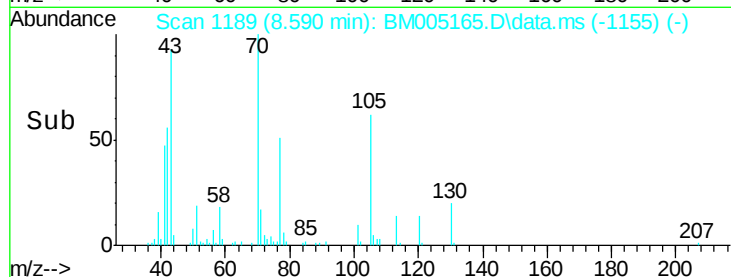
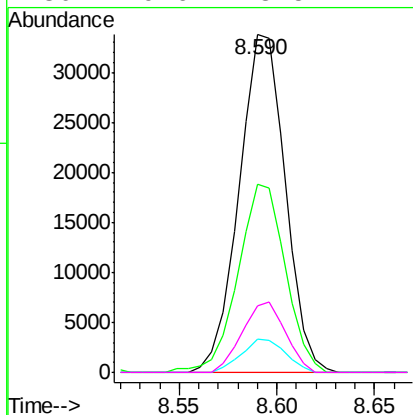
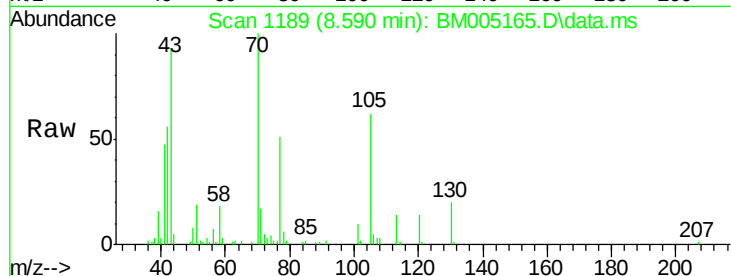




#15
N-Nitroso-di-n-propylamine
Concen: 22.88 ng/ul
RT: 8.590 min Scan# 111
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

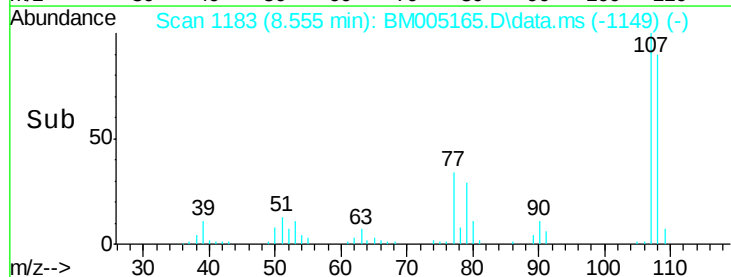
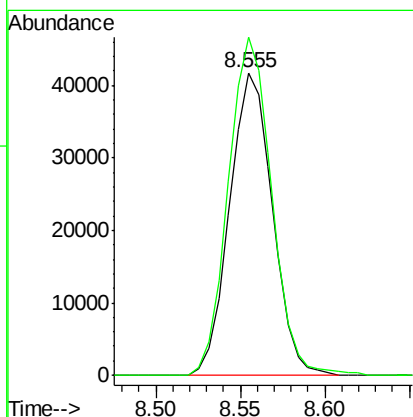
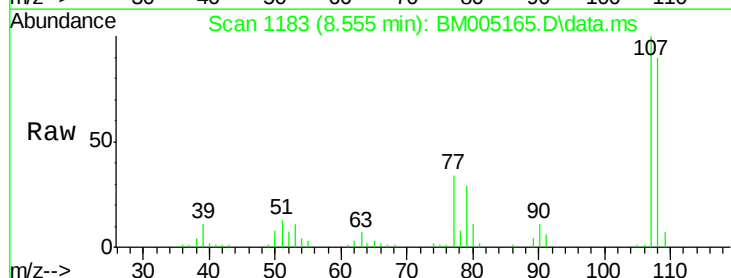
Instrument :
BNA_M
ClientSampleId :
SSTD02056

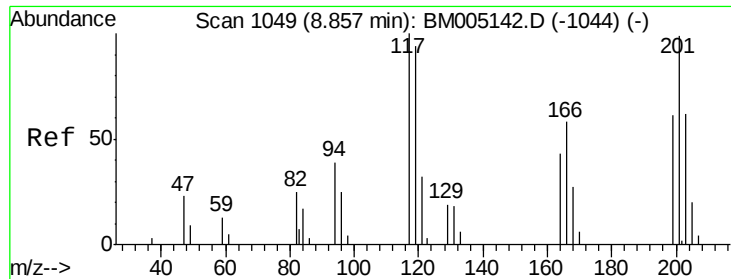
Tot Ion: 70 Resp: 55292
Ion Ratio Lower Upper
70 100
42 55.6 40.6 60.8
101 10.0 8.2 12.4
130 19.6 18.5 27.7



#16
4-Methylphenol
Concen: 21.50 ng/ul
RT: 8.555 min Scan# 1183
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

Tgt Ion: 108 Resp: 73604
Ion Ratio Lower Upper
108 100
107 111.7 91.0 136.6

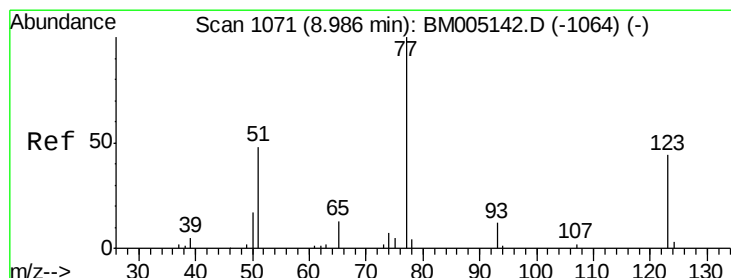
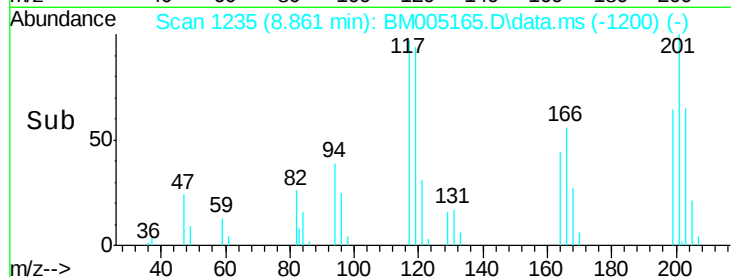
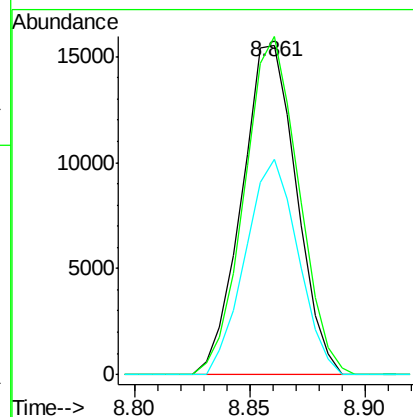
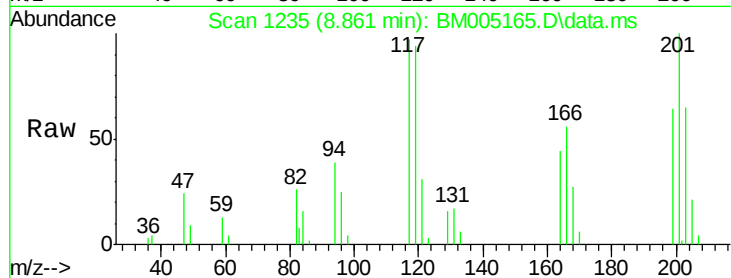




#17
Hexachloroethane
Concen: 21.02 ng/ul
RT: 8.861 min Scan# 121
Delta R.T. 0.004 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

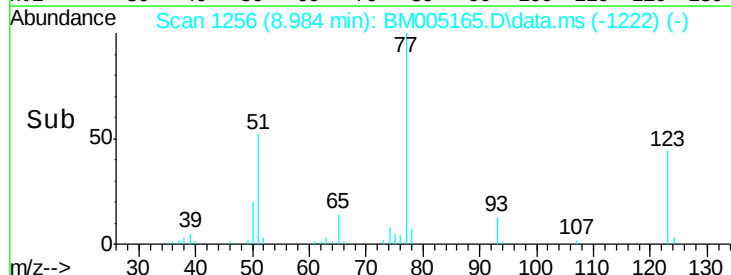
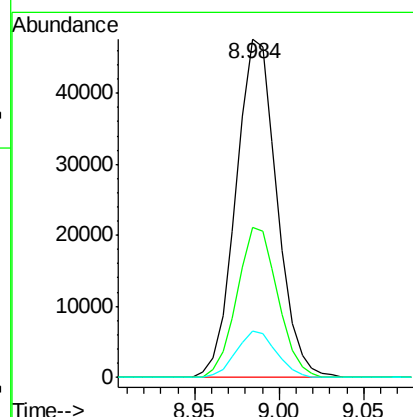
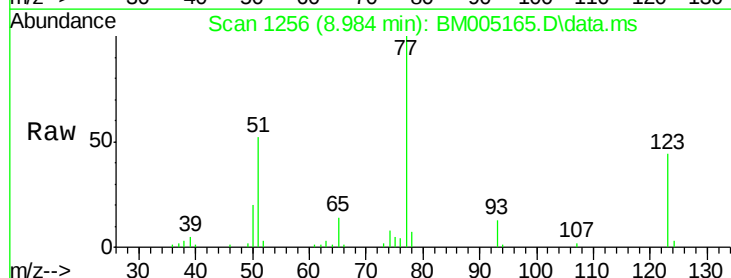
Instrument :
BNA_M
ClientSampleId :
SSTD02056

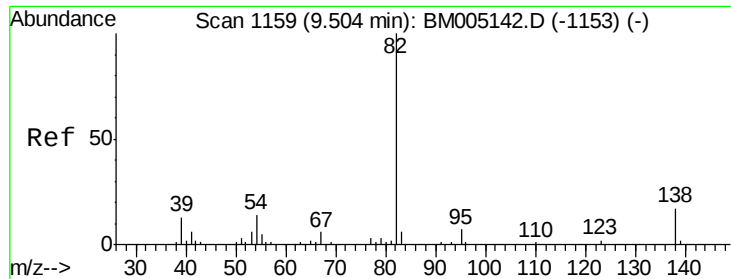
Tot Ion:117 Resp: 25740
Ion Ratio Lower Upper
117 100
201 102.6 88.5 132.7
199 65.3 55.4 83.2



#20
Nitrobenzene
Concen: 21.94 ng/ul
RT: 8.984 min Scan# 1256
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

Tgt Ion: 77 Resp: 80304
Ion Ratio Lower Upper
77 100
123 44.5 37.7 56.5
65 13.8 10.9 16.3





#21

Isophorone

Concen: 23.06 ng/ul

RT: 9.508 min Scan# 1310

Delta R.T. 0.004 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

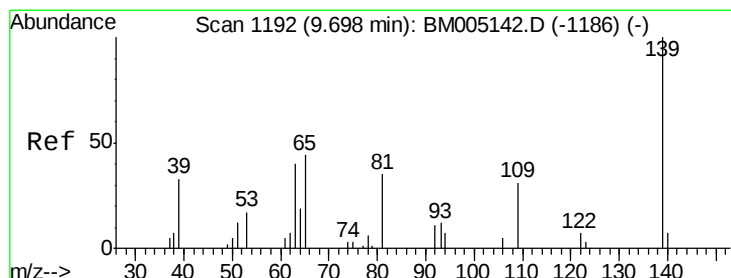
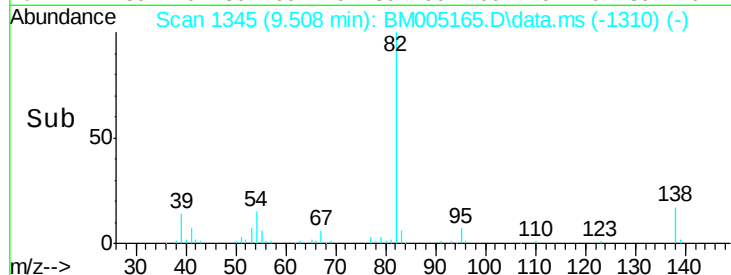
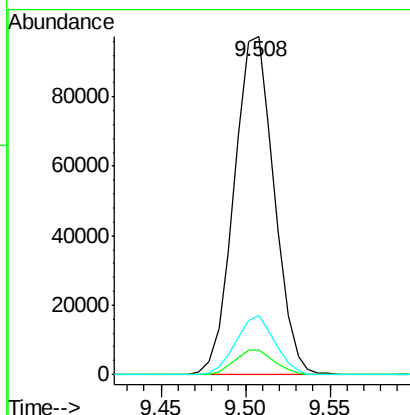
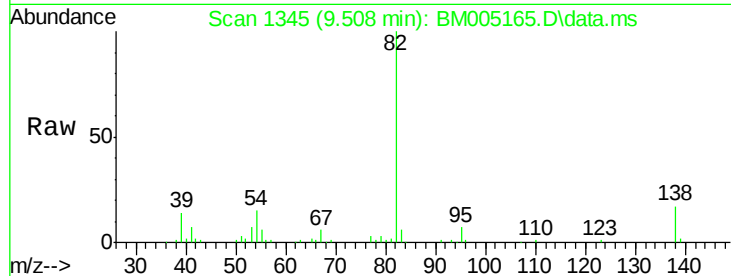
Tot Ion: 82 Resp: 160271

Ion Ratio Lower Upper

82 100

95 7.2 6.0 9.0

138 17.5 14.6 22.0



#23

2-Nitrophenol

Concen: 19.95 ng/ul

RT: 9.696 min Scan# 1377

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

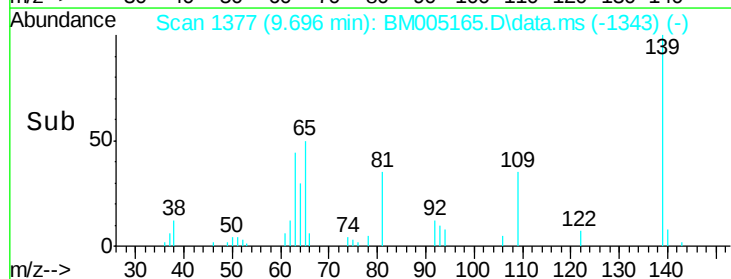
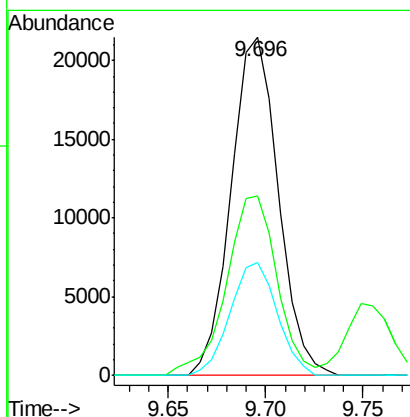
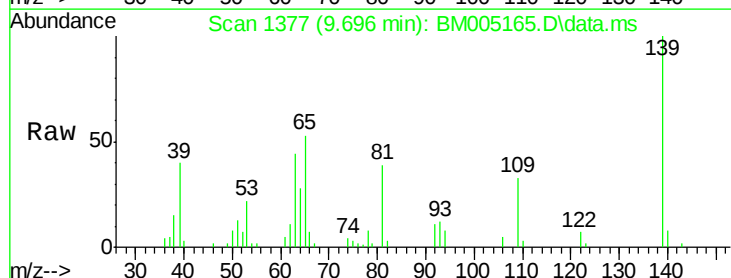
Tgt Ion: 139 Resp: 35991

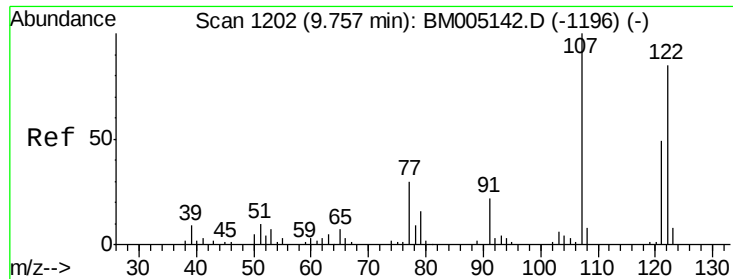
Ion Ratio Lower Upper

139 100

65 53.0 36.2 54.2

109 33.5 24.8 37.2





#24

2,4-Dimethylphenol

Concen: 20.90 ng/ul

RT: 9.755 min Scan# 13

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

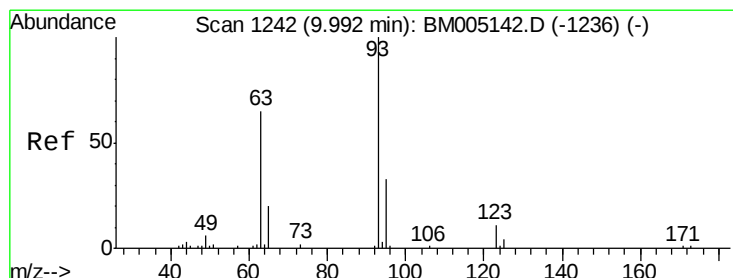
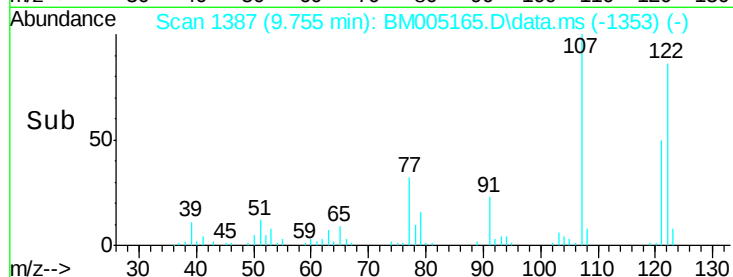
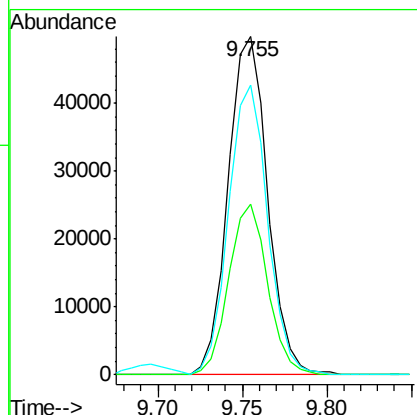
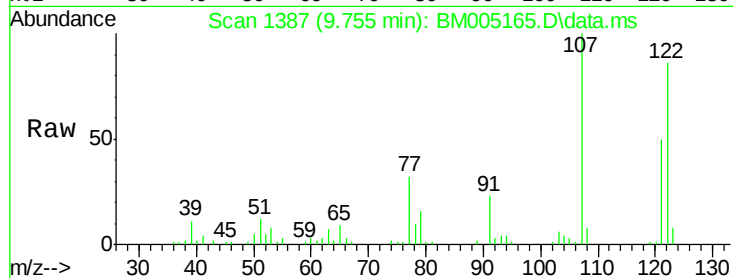
Tot Ion:107 Resp: 81155

Ion Ratio Lower Upper

107 100

121 50.5 39.8 59.8

122 85.8 68.5 102.7



#25

Bis(2-Chloroethoxy)methane

Concen: 21.83 ng/ul

RT: 9.990 min Scan# 1427

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

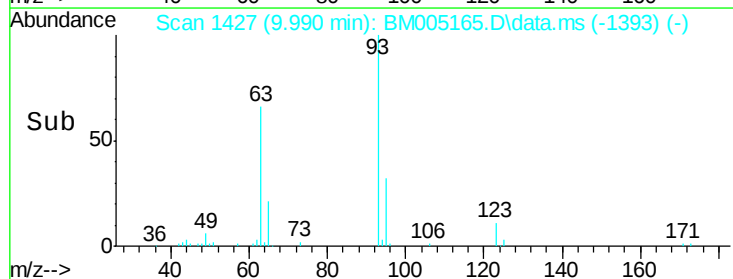
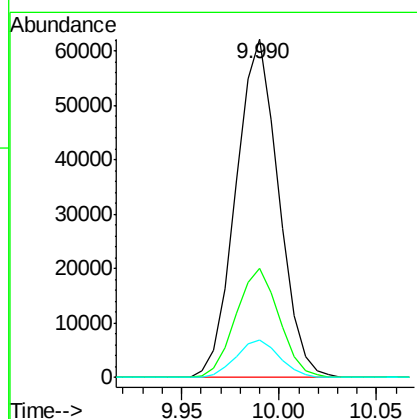
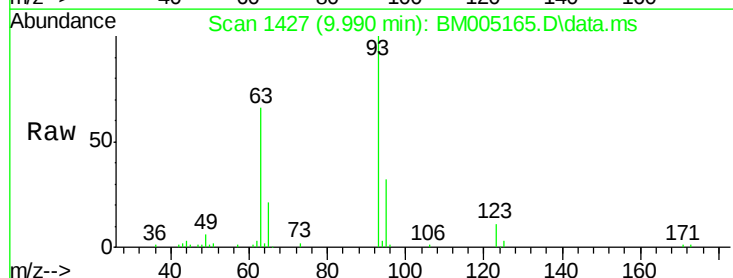
Tgt Ion: 93 Resp: 94298

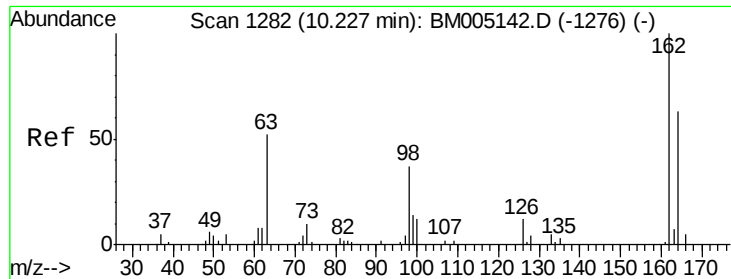
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.2

123 11.1 9.4 14.0

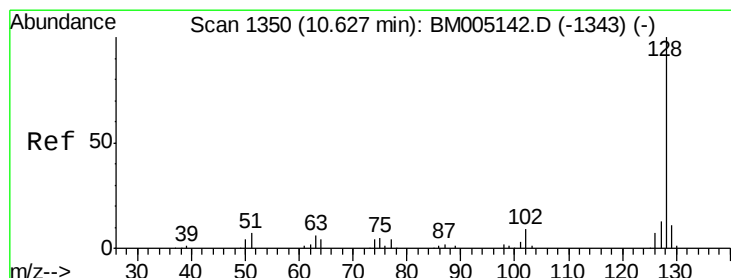
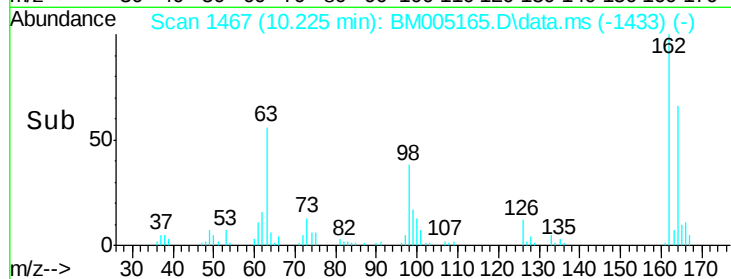
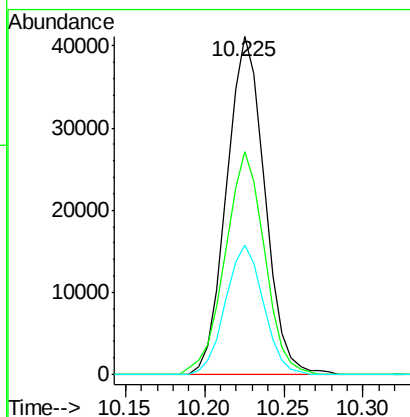
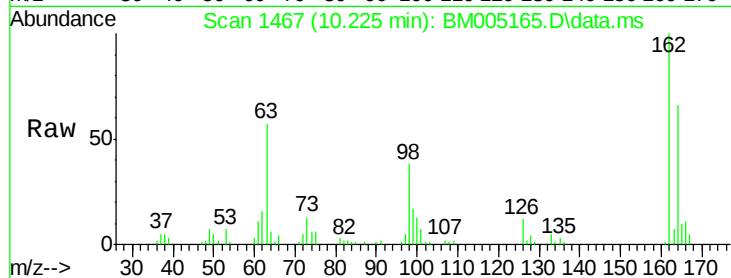




#27
2,4-Dichlorophenol
Concen: 21.11 ng/ul
RT: 10.225 min Scan# 14
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

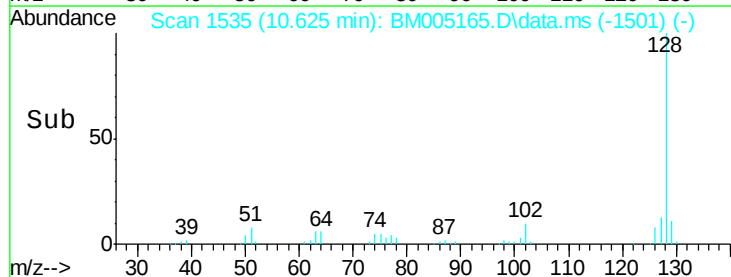
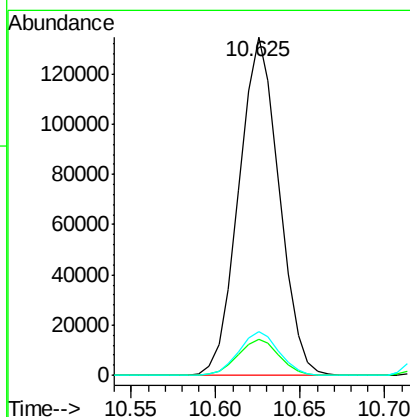
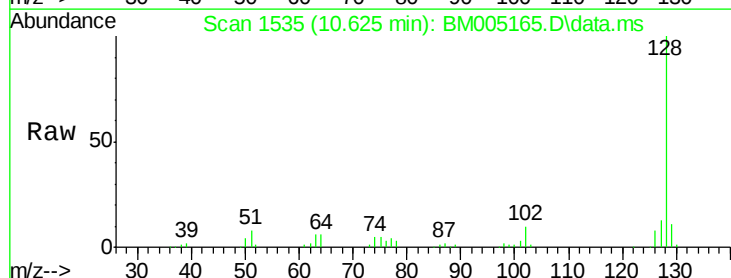
Instrument :
BNA_M
ClientSampleId :
SSTD02056

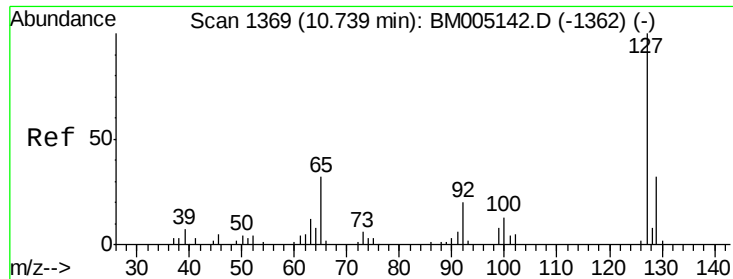
Tot Ion:162 Resp: 68398
Ion Ratio Lower Upper
162 100
164 66.0 52.9 79.3
98 38.2 28.3 42.5



#28
Naphthalene
Concen: 20.61 ng/ul
RT: 10.625 min Scan# 1535
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

Tgt Ion:128 Resp: 223195
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.6 15.8

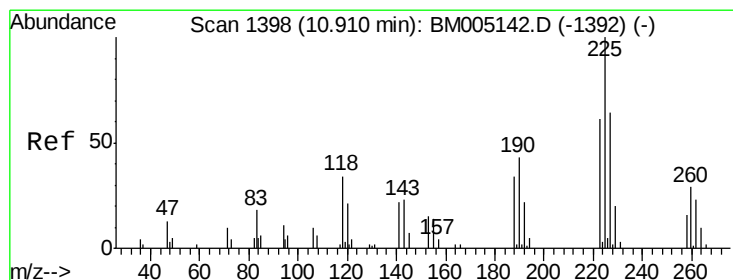
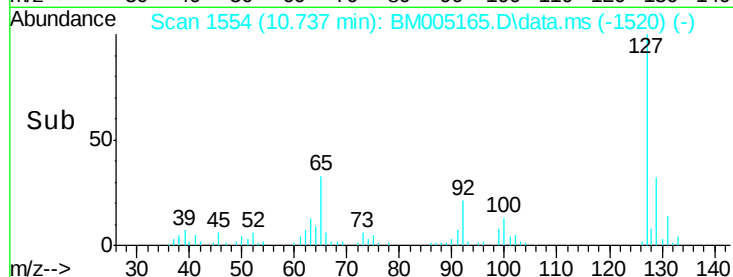
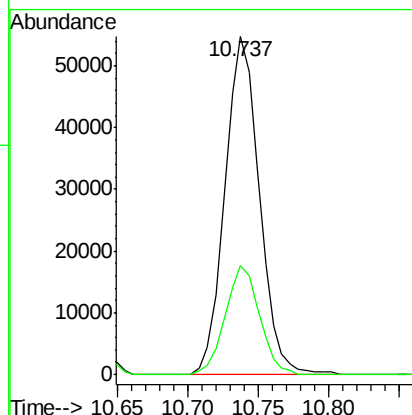
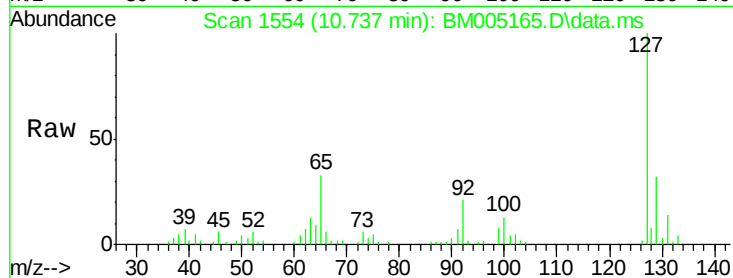




#30
4-Chloroaniline
Concen: 24.71 ng/ul
RT: 10.737 min Scan# 15
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

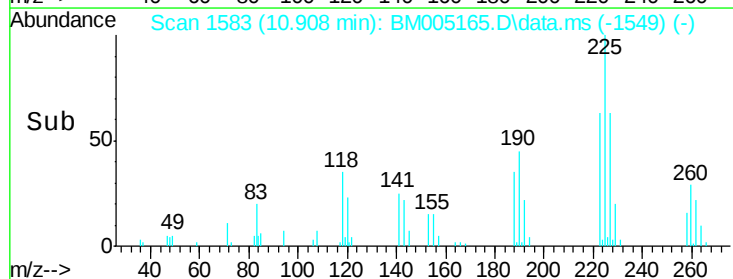
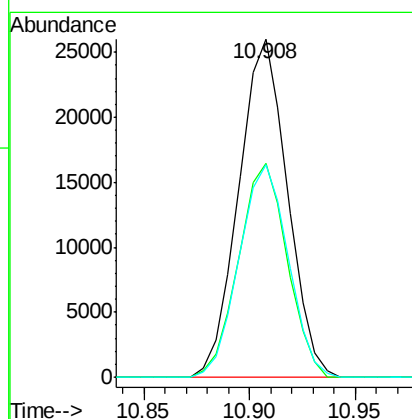
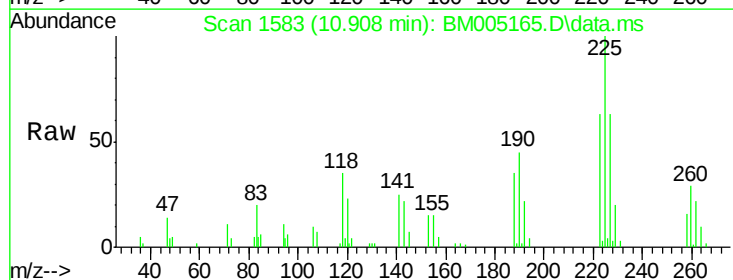
Instrument :
BNA_M
ClientSampleId :
SSTD02056

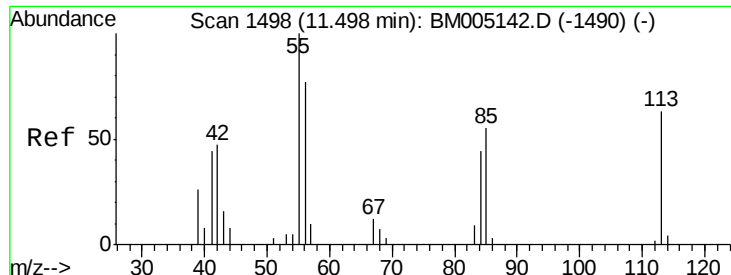
Tot Ion:127 Resp: 92951
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0



#31
Hexachlorobutadiene
Concen: 19.45 ng/ul
RT: 10.908 min Scan# 1583
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

Tgt Ion:225 Resp: 41578
Ion Ratio Lower Upper
225 100
223 63.4 51.9 77.9
227 62.9 51.0 76.6

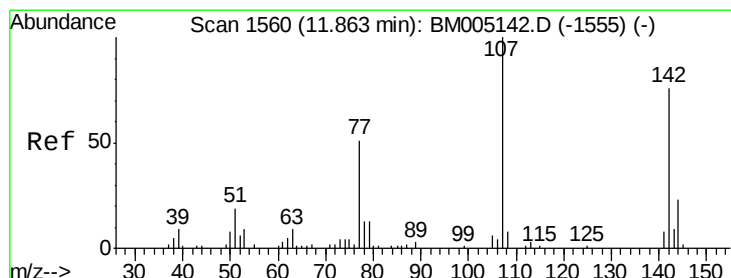
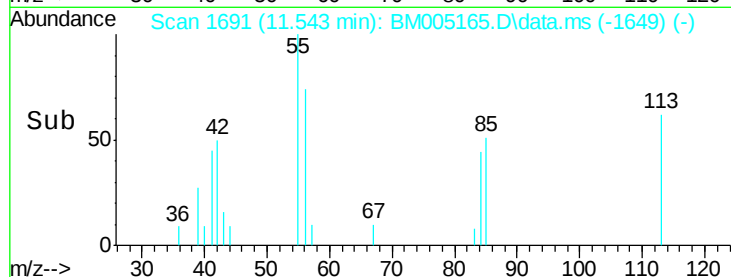
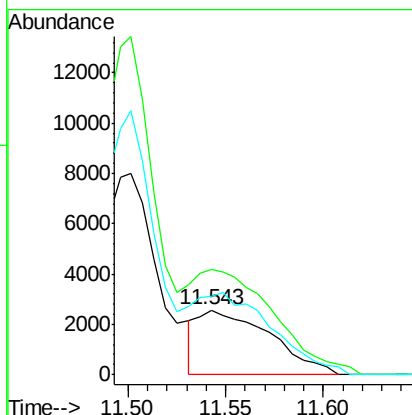
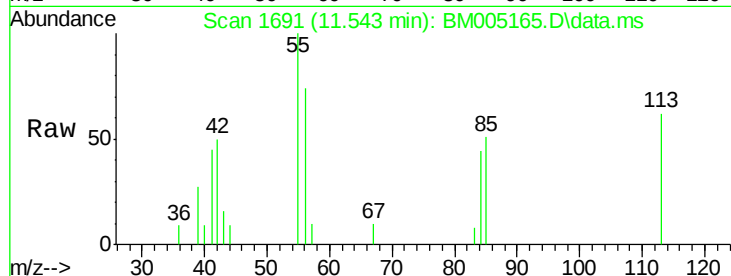




#32
 Caprolactam
 Concen: 5.90 ng/ul
 RT: 11.543 min Scan# 16
 Delta R.T. 0.045 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

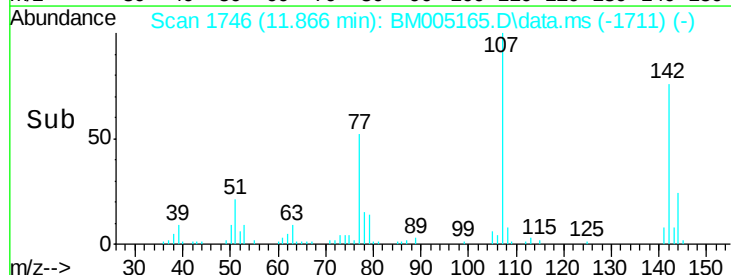
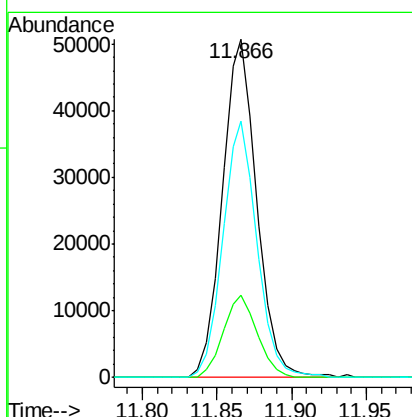
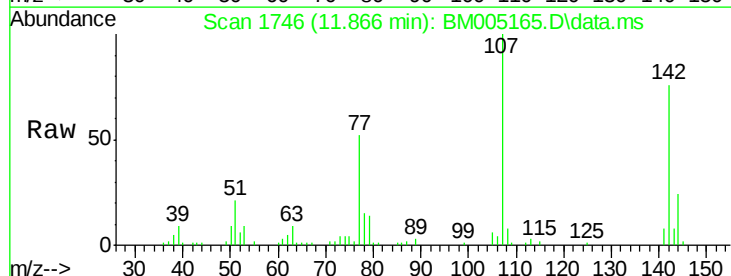
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

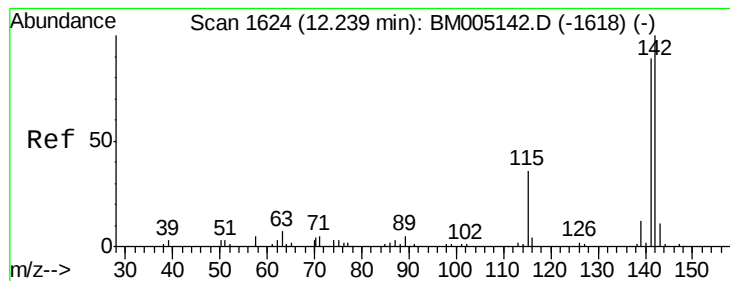
Tot Ion:113 Resp: 6608
 Ion Ratio Lower Upper
 113 100
 55 162.2 117.0 175.4
 56 119.8 87.7 131.5



#33
 4-Chloro-3-methylphenol
 Concen: 22.04 ng/ul
 RT: 11.866 min Scan# 1746
 Delta R.T. 0.004 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

Tgt Ion:107 Resp: 81670
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.7 29.5
 142 75.6 62.5 93.7





#34

2-Methylnaphthalene

Concen: 20.64 ng/ul

RT: 12.237 min Scan# 18

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

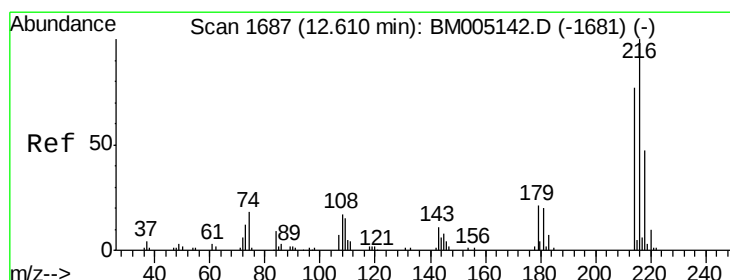
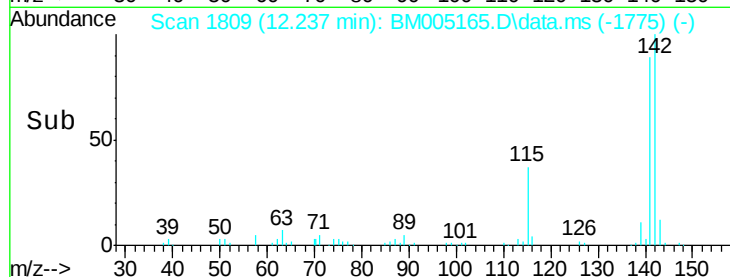
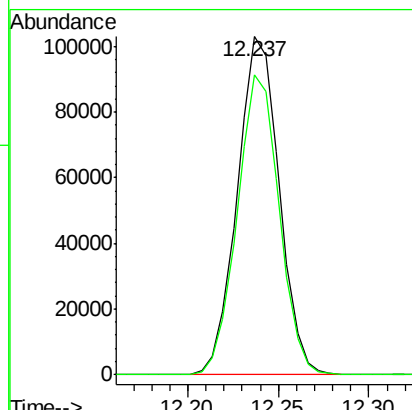
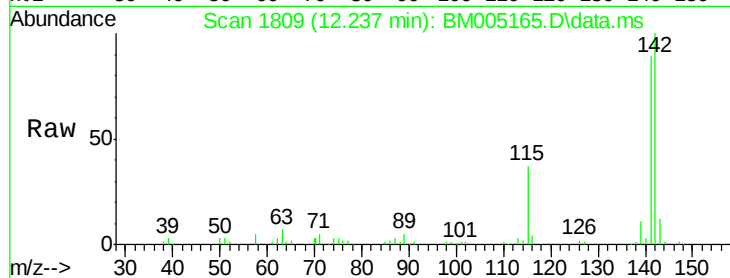
SSTD02056

Tot Ion:142 Resp: 165462

Ion Ratio Lower Upper

142 100

141 88.5 70.3 105.5



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.39 ng/ul

RT: 12.613 min Scan# 1873

Delta R.T. 0.004 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Tgt Ion:216 Resp: 85640

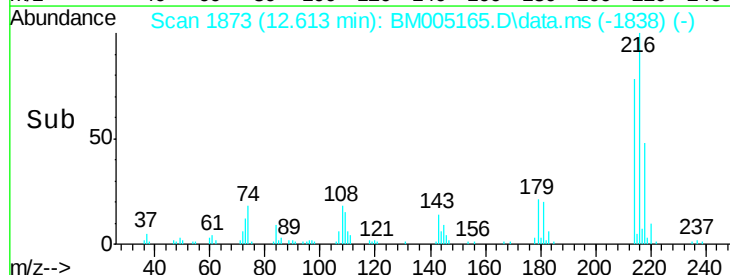
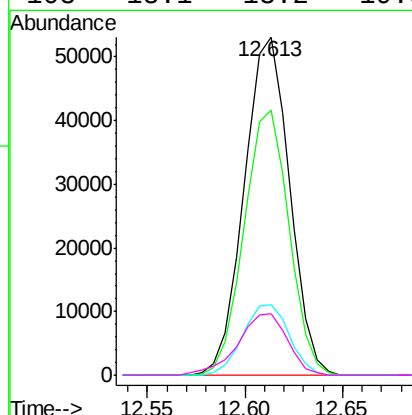
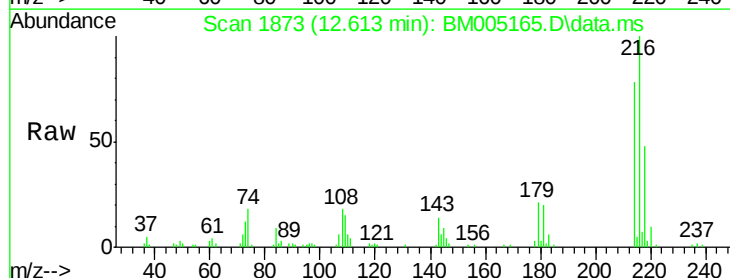
Ion Ratio Lower Upper

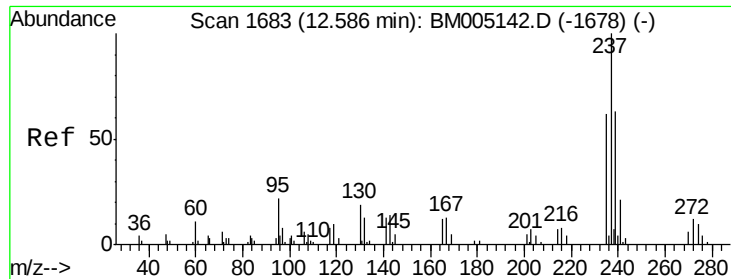
216 100

214 78.5 61.9 92.9

179 20.8 16.9 25.3

108 18.1 13.2 19.8





#37

Hexachlorocyclopentadiene

Concen: 16.31 ng/ul

RT: 12.590 min Scan# 18

Delta R.T. 0.004 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

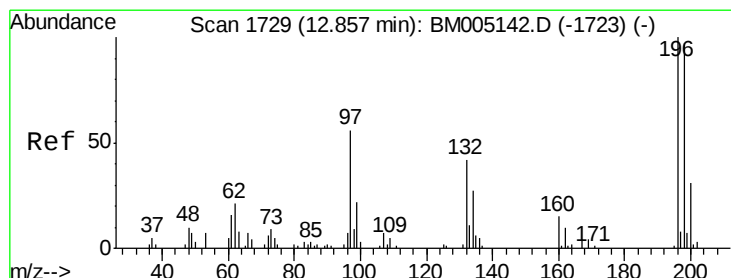
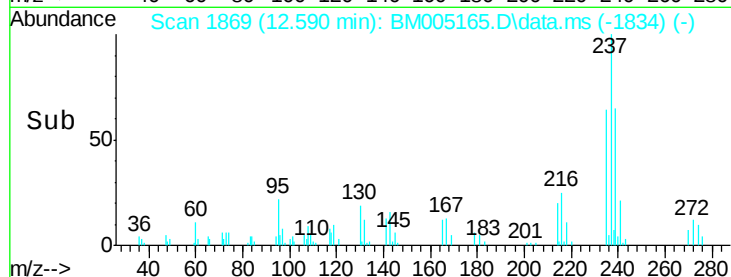
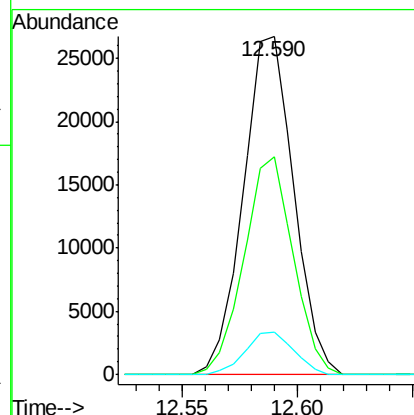
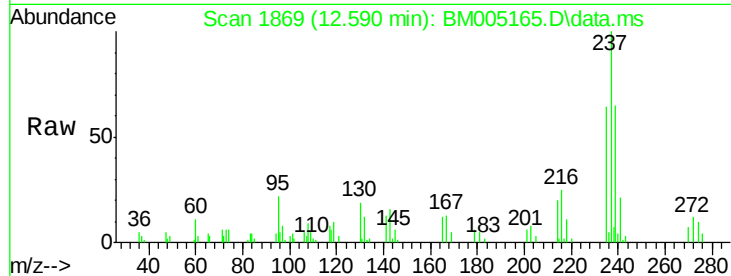
Tot Ion:237 Resp: 40639

Ion Ratio Lower Upper

237 100

235 64.4 52.7 79.1

272 12.4 10.2 15.4



#38

2,4,6-Trichlorophenol

Concen: 20.76 ng/ul

RT: 12.855 min Scan# 1914

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

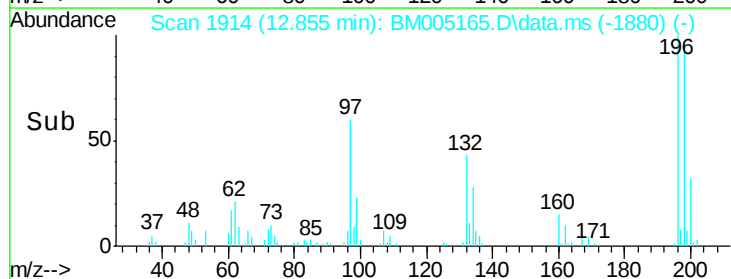
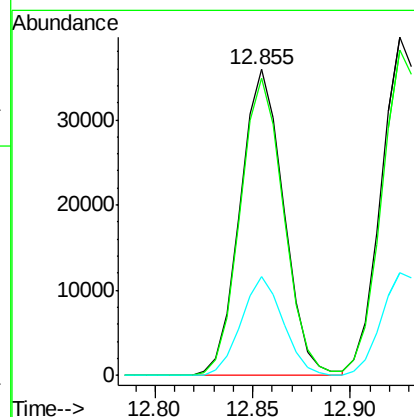
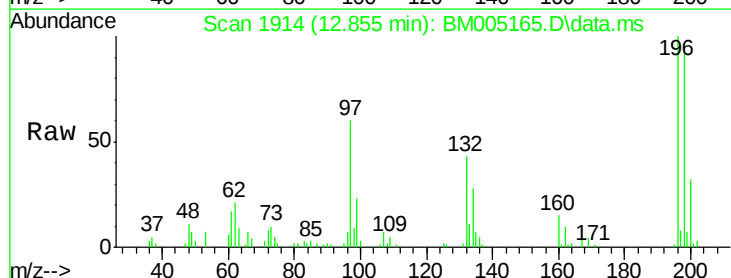
Tgt Ion:196 Resp: 55449

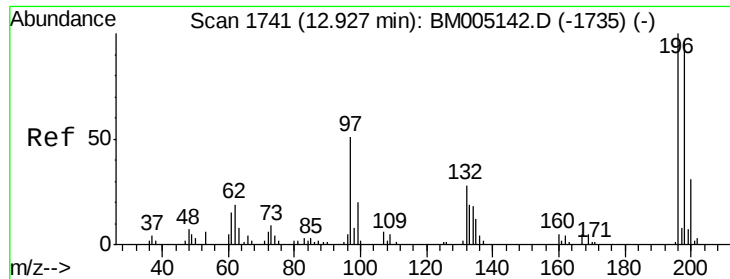
Ion Ratio Lower Upper

196 100

198 97.2 76.1 114.1

200 32.3 24.3 36.5

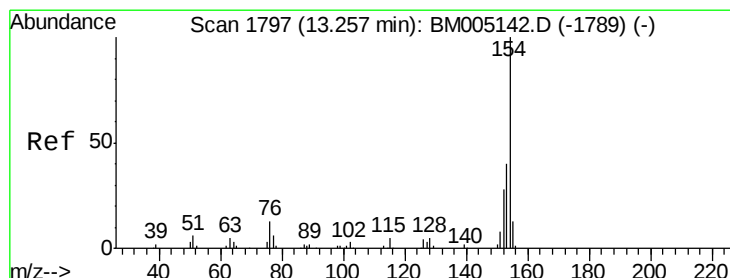
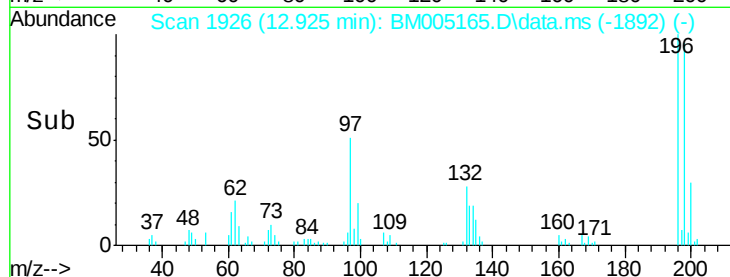
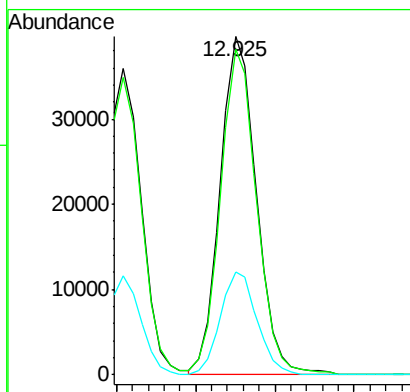
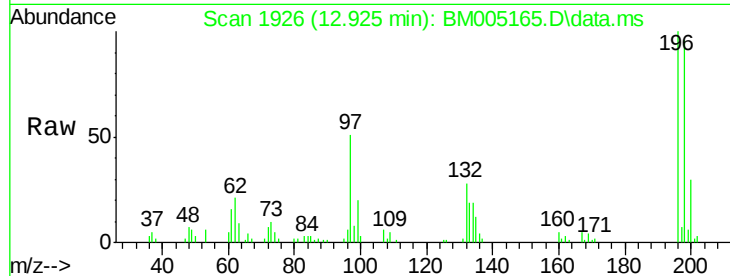




#39
 2,4,5-Trichlorophenol
 Concen: 21.05 ng/ul
 RT: 12.925 min Scan# 19
 Delta R.T. -0.002 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

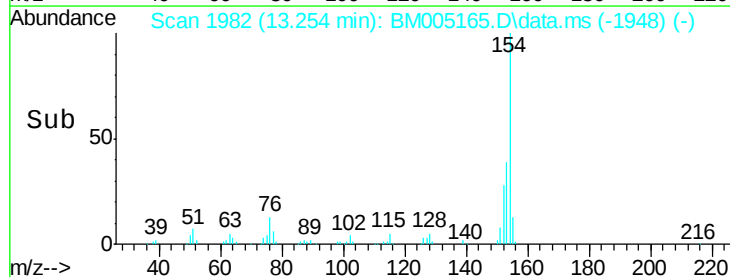
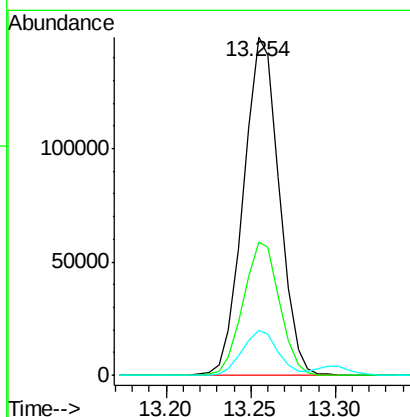
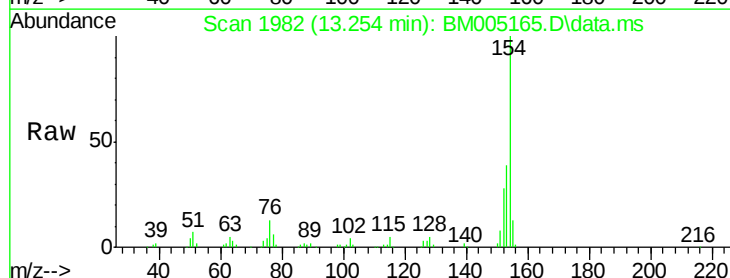
Instrument :
 BNA_M
 ClientSampleId :
 SST02056

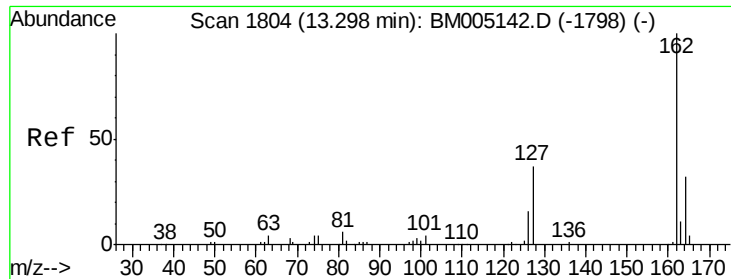
Tot Ion:196 Resp: 62988
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.7 115.1
 200 30.4 25.4 38.0



#40
 1,1'-Biphenyl
 Concen: 20.68 ng/ul
 RT: 13.254 min Scan# 1982
 Delta R.T. -0.002 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

Tgt Ion:154 Resp: 219874
 Ion Ratio Lower Upper
 154 100
 153 39.4 31.5 47.3
 76 13.3 10.1 15.1

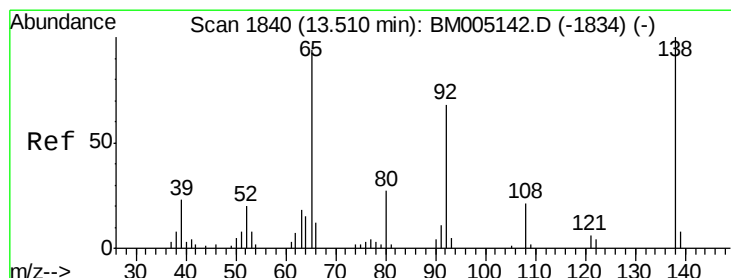
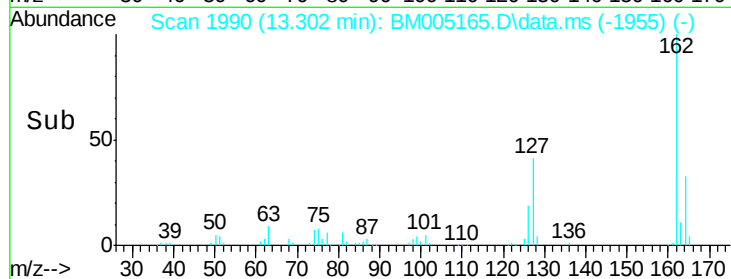
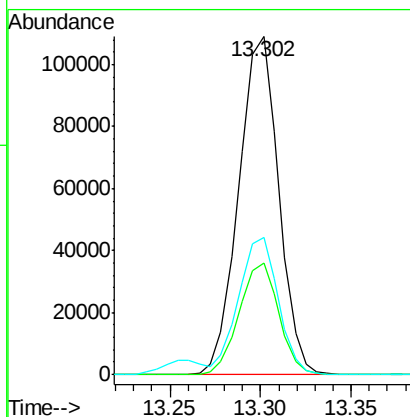
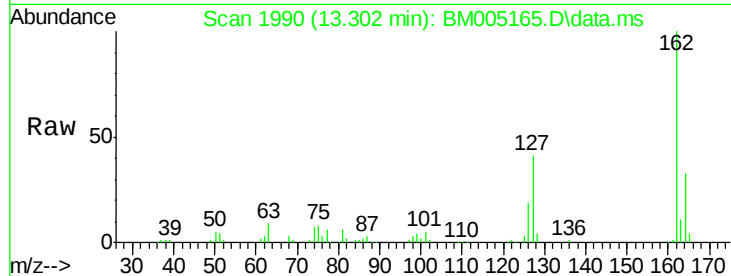




#41
2-Chloronaphthalene
Concen: 20.68 ng/ul
RT: 13.302 min Scan# 19
Delta R.T. 0.004 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

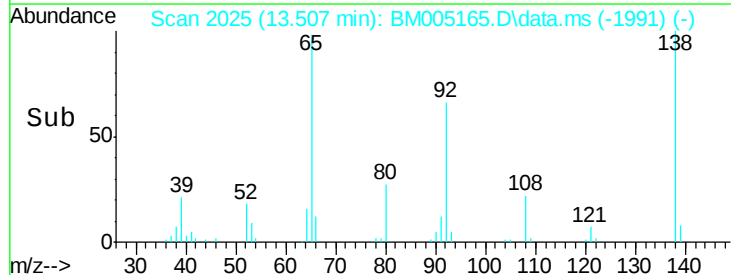
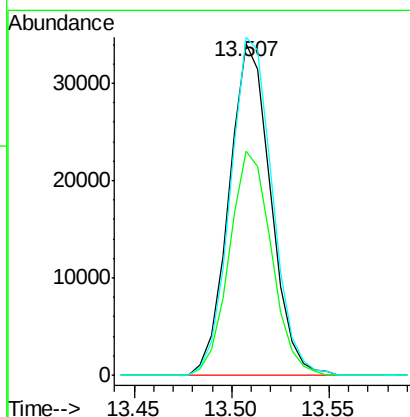
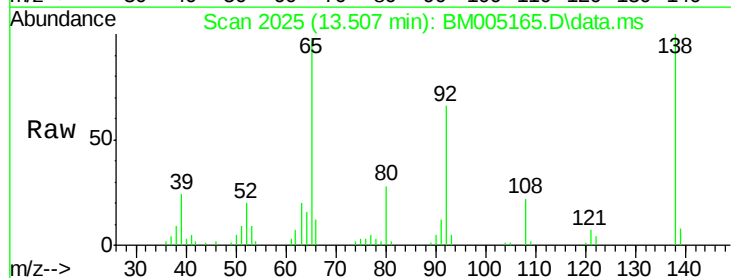
Instrument :
BNA_M
ClientSampleId :
SSTD02056

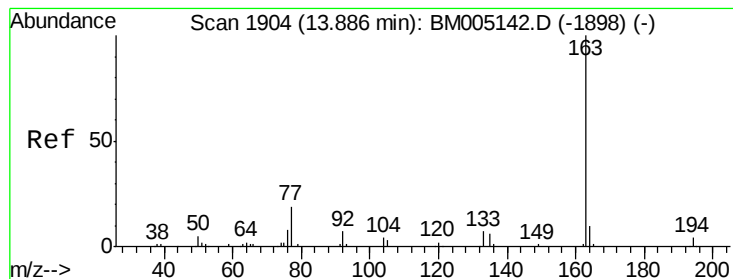
Tot Ion:162 Resp: 167304
Ion Ratio Lower Upper
162 100
164 32.8 25.8 38.8
127 40.5 32.3 48.5



#42
2-Nitroaniline
Concen: 23.00 ng/ul
RT: 13.507 min Scan# 2025
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

Tgt Ion: 65 Resp: 50464
Ion Ratio Lower Upper
65 100
92 67.6 56.9 85.3
138 101.9 89.3 133.9





#44

Dimethylphthalate

Concen: 20.44 ng/ul

RT: 13.884 min Scan# 20

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

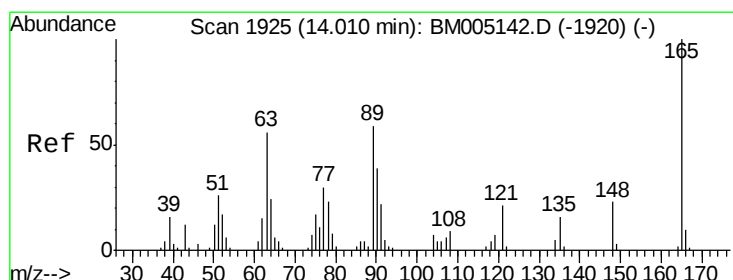
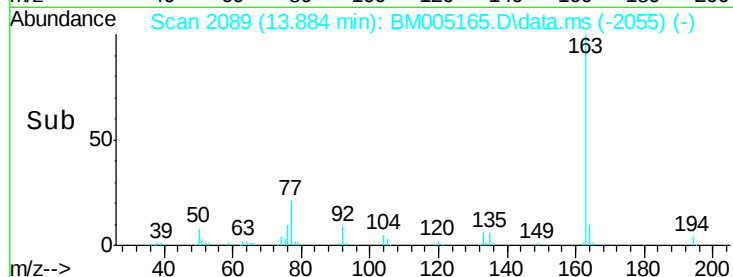
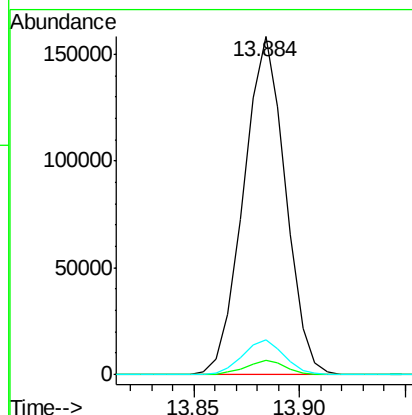
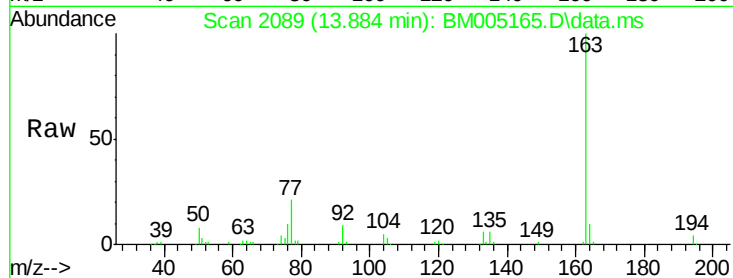
Tot Ion:163 Resp: 217593

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 8.2 12.2



#45

2,6-Dinitrotoluene

Concen: 20.95 ng/ul

RT: 14.007 min Scan# 2110

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

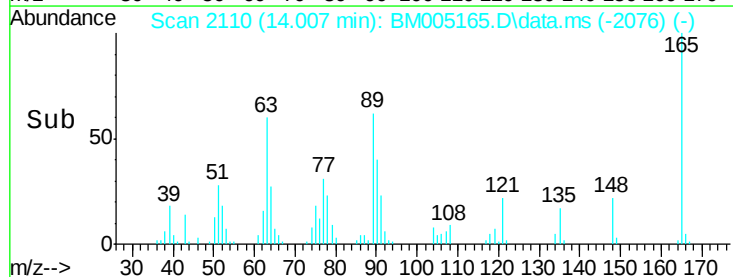
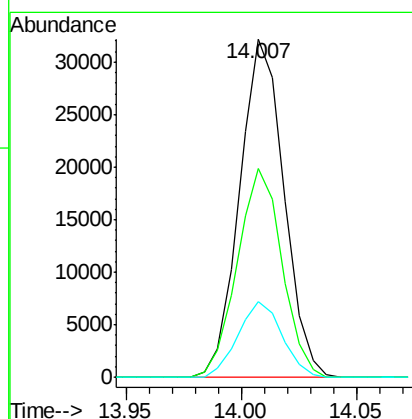
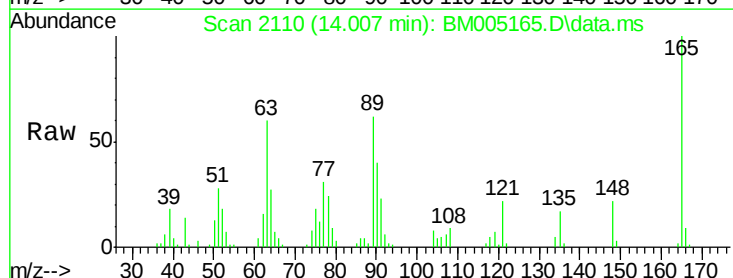
Tgt Ion:165 Resp: 43079

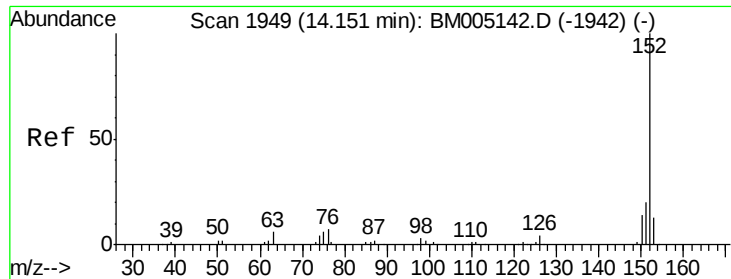
Ion Ratio Lower Upper

165 100

89 61.7 43.1 64.7

121 22.2 16.0 24.0





#47

Acenaphthylene

Concen: 20.97 ng/ul

RT: 14.149 min Scan# 21

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

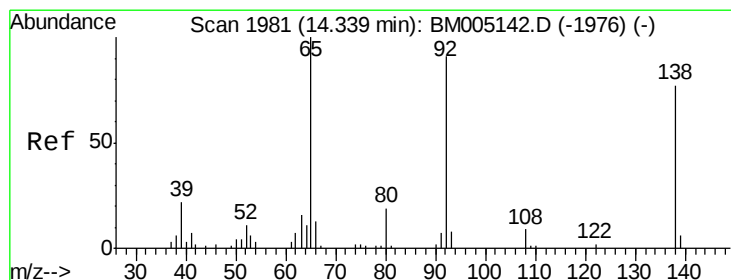
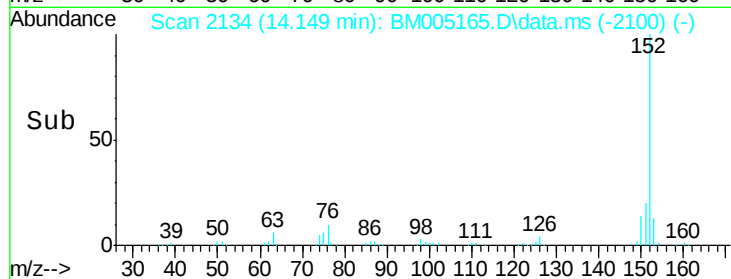
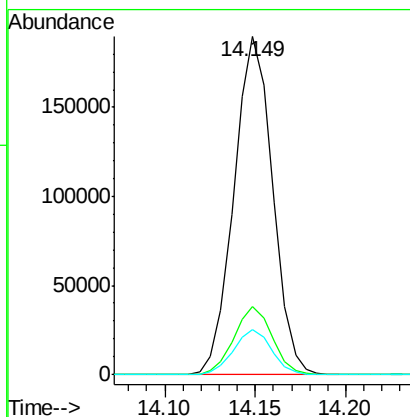
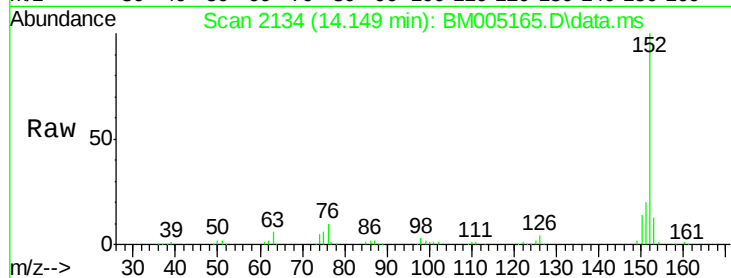
Tot Ion:152 Resp: 280502

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.1 10.3 15.5



#48

3-Nitroaniline

Concen: 23.02 ng/ul

RT: 14.337 min Scan# 2166

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

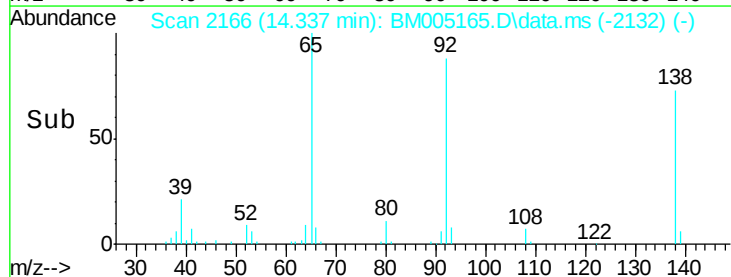
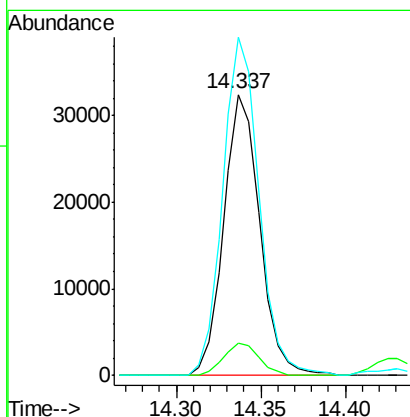
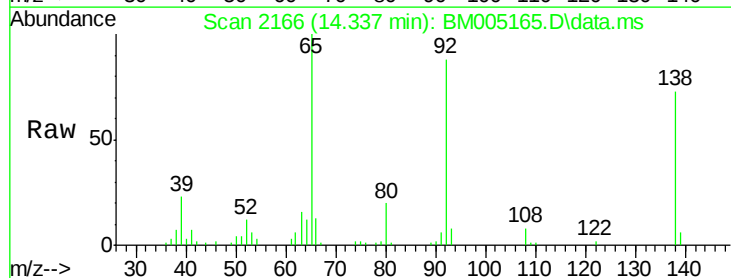
Tgt Ion:138 Resp: 48154

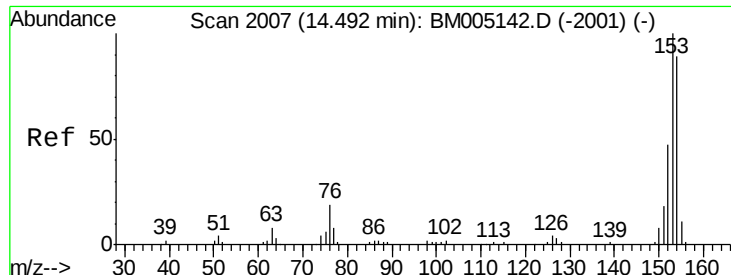
Ion Ratio Lower Upper

138 100

108 11.4 8.8 13.2

92 120.3 94.9 142.3





#49

Acenaphthene

Concen: 20.85 ng/ul

RT: 14.490 min Scan# 21

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

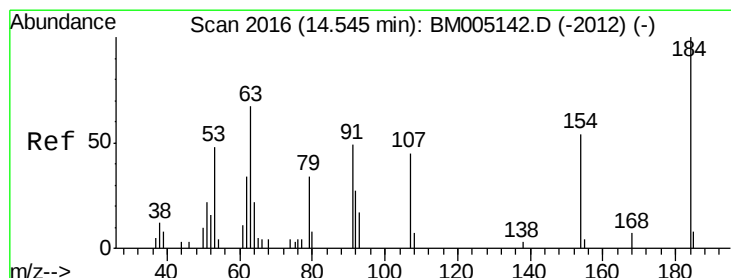
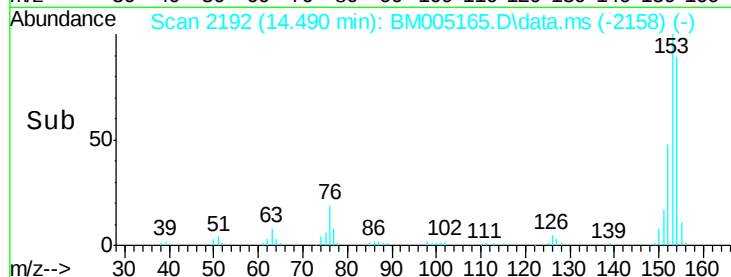
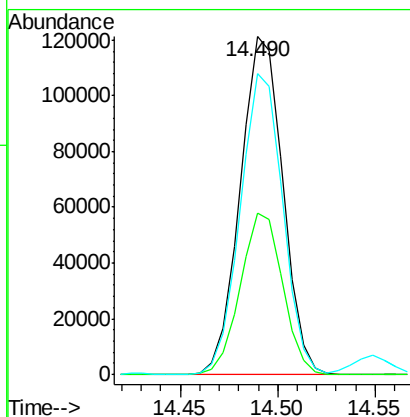
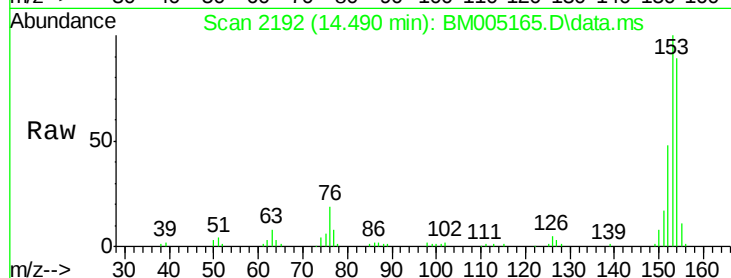
Tot Ion:153 Resp: 183552

Ion Ratio Lower Upper

153 100

152 47.9 37.7 56.5

154 89.0 71.4 107.2



#50

2,4-Dinitrophenol

Concen: 11.94 ng/ul

RT: 14.549 min Scan# 2202

Delta R.T. 0.004 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

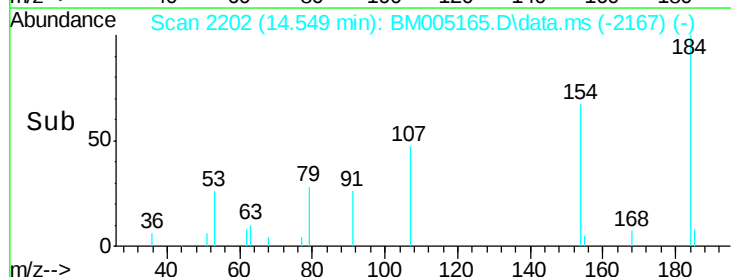
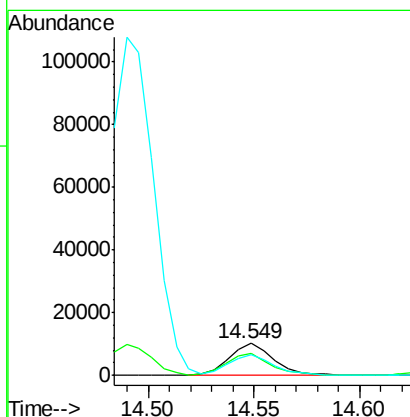
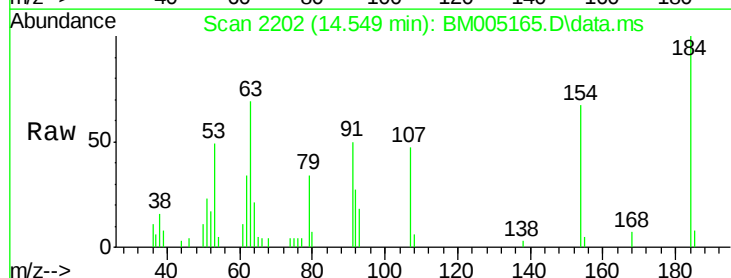
Tgt Ion:184 Resp: 14331

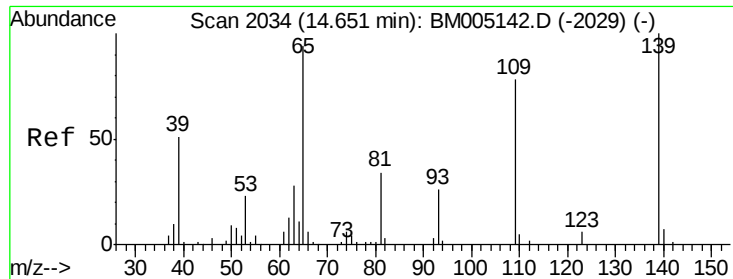
Ion Ratio Lower Upper

184 100

63 68.8 51.8 77.6

154 66.8 51.7 77.5





#52

4-Nitrophenol

Concen: 18.69 ng/ul

RT: 14.649 min Scan# 2219

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

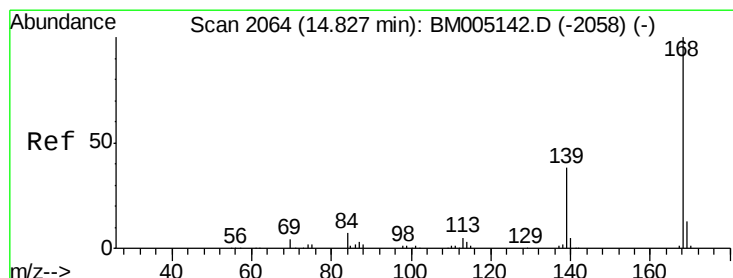
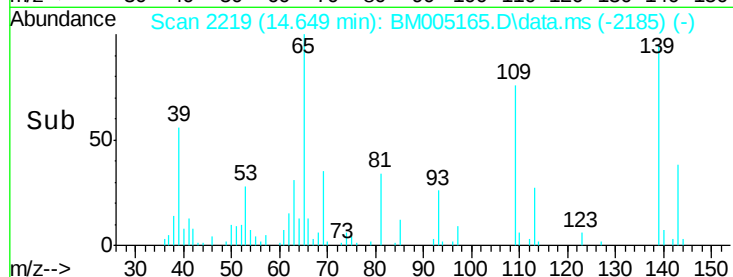
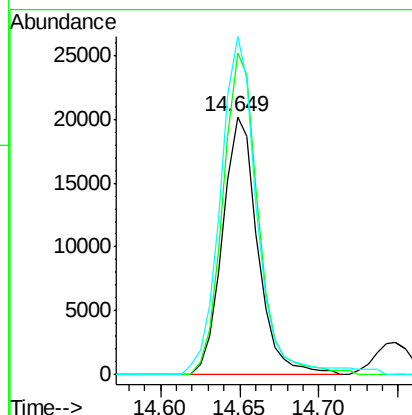
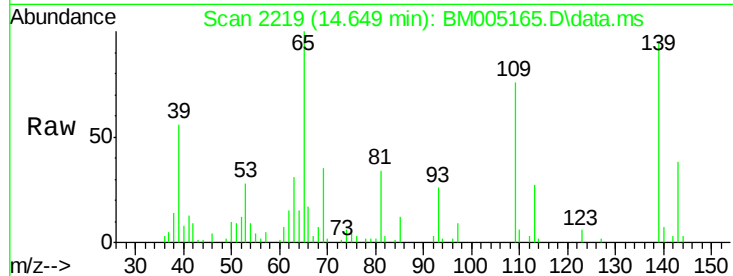
Tot Ion:109 Resp: 31006

Ion Ratio Lower Upper

109 100

139 124.4 104.5 156.7

65 131.0 96.5 144.7



#53

Dibenzofuran

Concen: 20.17 ng/ul

RT: 14.825 min Scan# 2249

Delta R.T. -0.002 min

Lab File: BM005165.D

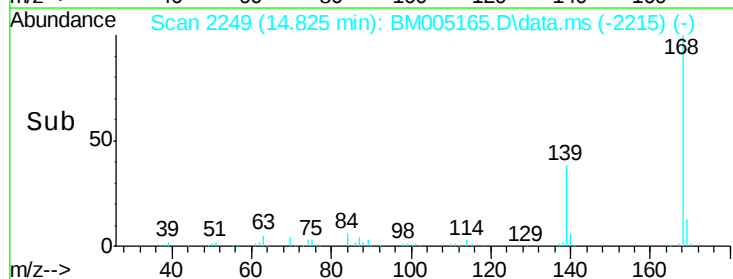
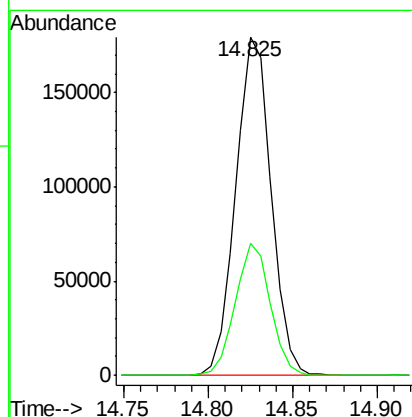
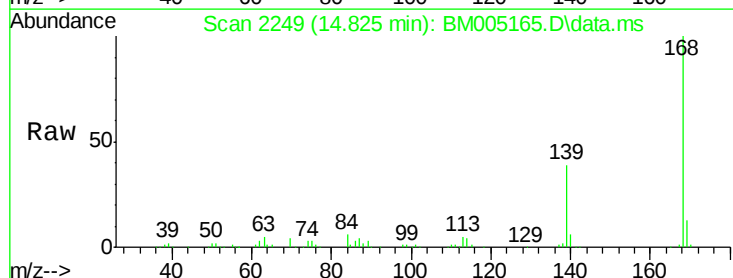
Acq: 30 Apr 2016 08:06

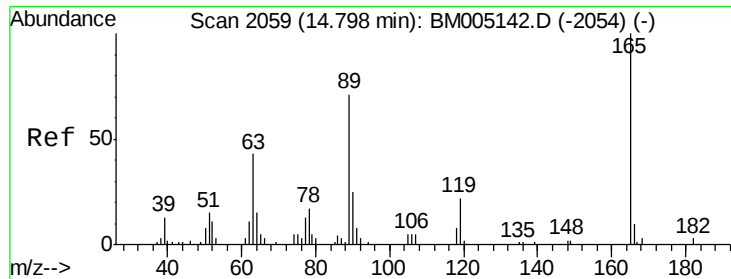
Tgt Ion:168 Resp: 261756

Ion Ratio Lower Upper

168 100

139 38.9 29.9 44.9

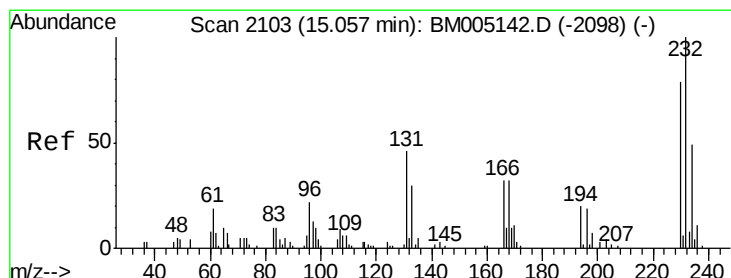
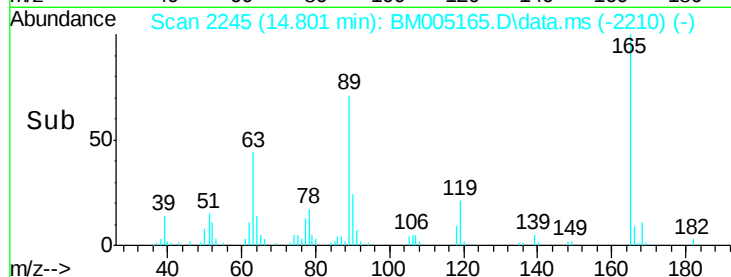
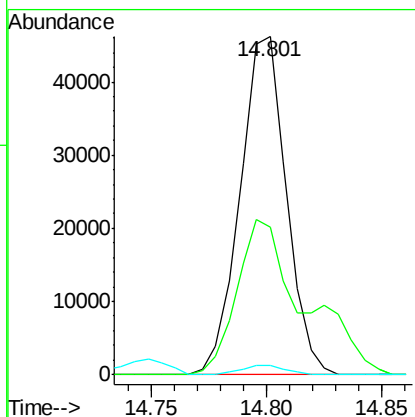
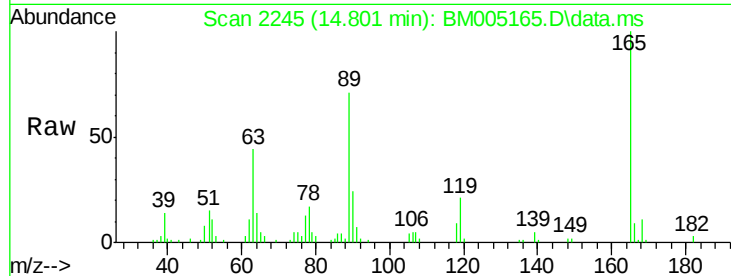




#54
 2,4-Dinitrotoluene
 Concen: 20.66 ng/ul
 RT: 14.801 min Scan# 22
 Delta R.T. 0.004 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

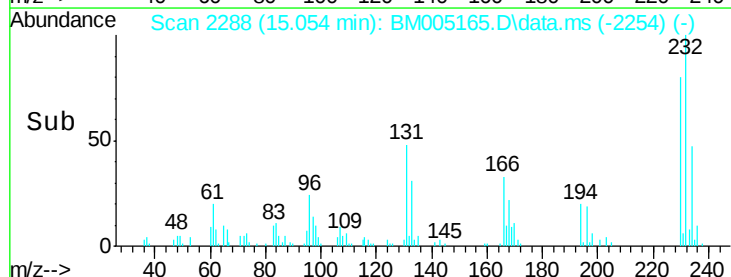
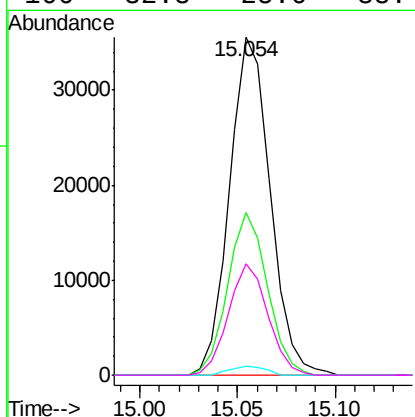
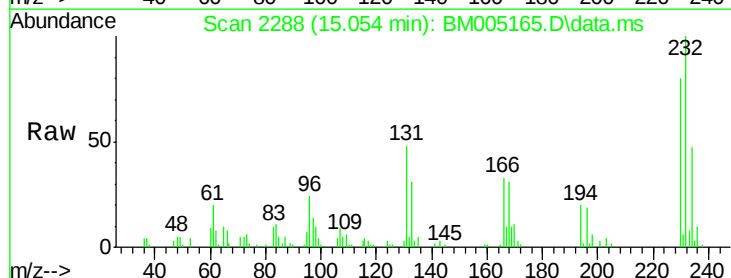
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

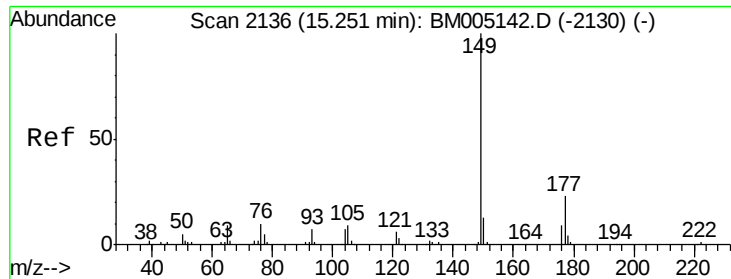
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	32.1	48.1
182	2.9	2.2	3.4



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.79 ng/ul
 RT: 15.054 min Scan# 2288
 Delta R.T. -0.002 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.1	35.4	53.2
130	2.6	2.1	3.1
166	32.8	25.6	38.4

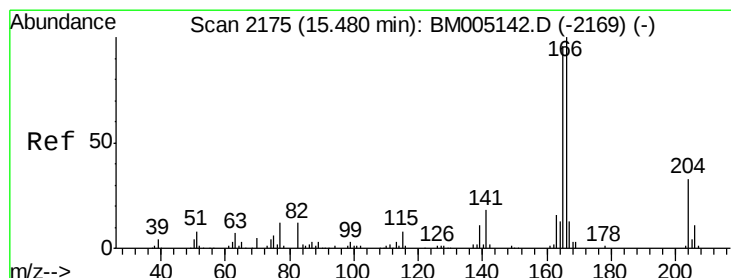
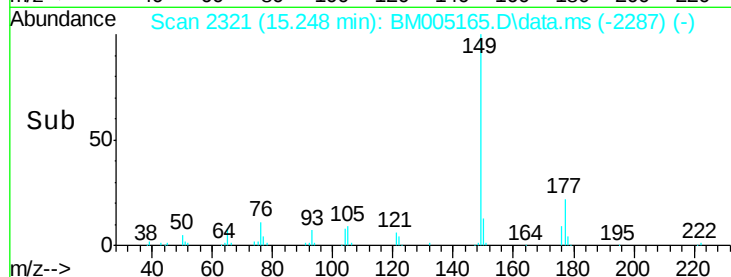
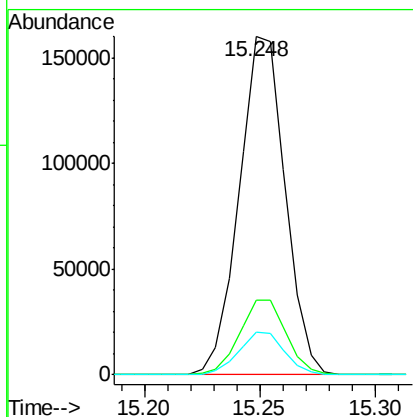
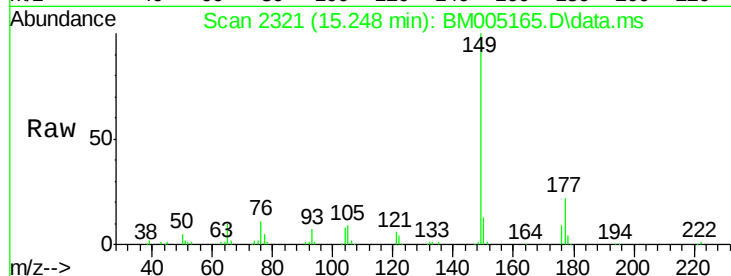




#56
Diethylphthalate
Concen: 20.68 ng/ul
RT: 15.248 min Scan# 231
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

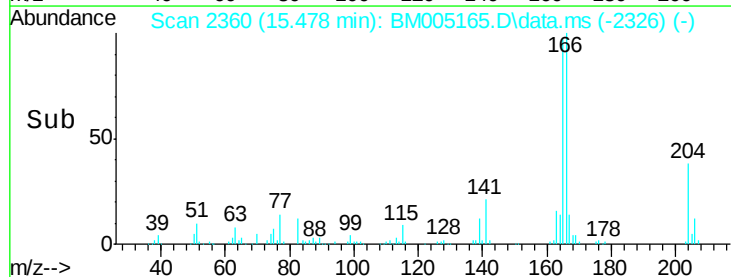
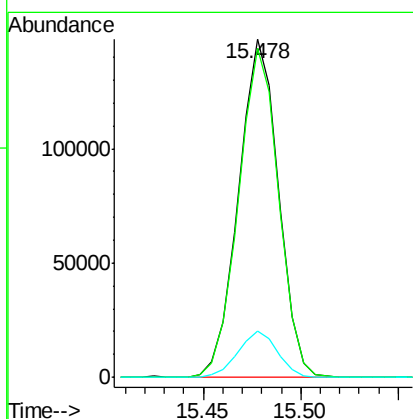
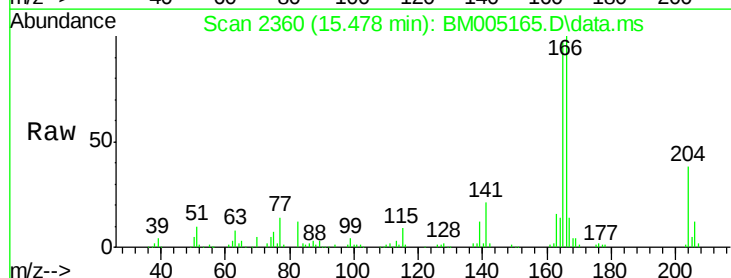
Instrument :
BNA_M
ClientSampleId :
SSTD02056

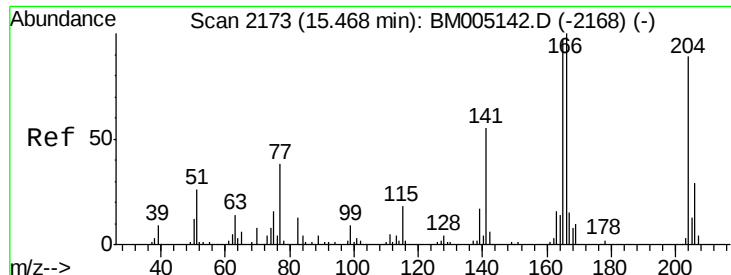
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.9	26.9
150	12.6	9.8	14.6



#58
Fluorene
Concen: 20.76 ng/ul
RT: 15.478 min Scan# 2360
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.7	116.5
167	13.6	10.9	16.3

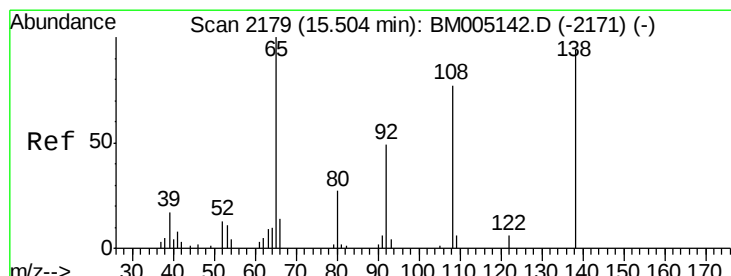
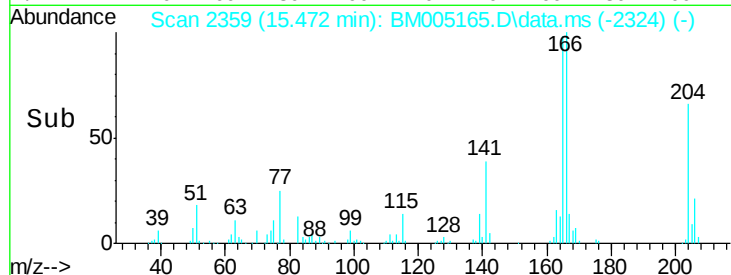
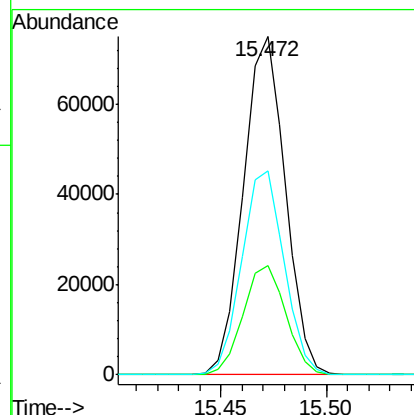
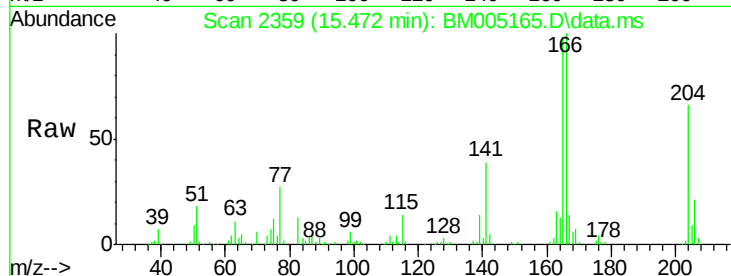




#59
 4-Chlorophenyl-phenylether
 Concen: 20.32 ng/ul
 RT: 15.472 min Scan# 231
 Delta R.T. 0.004 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

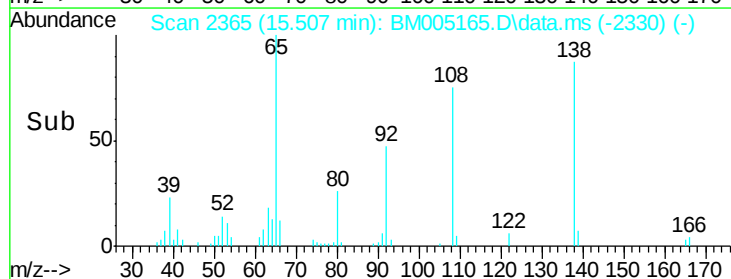
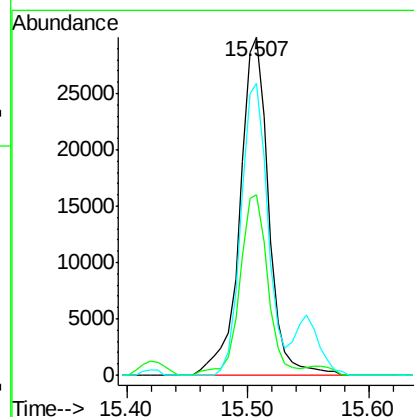
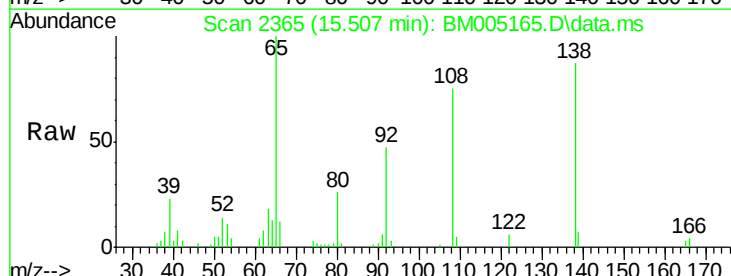
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

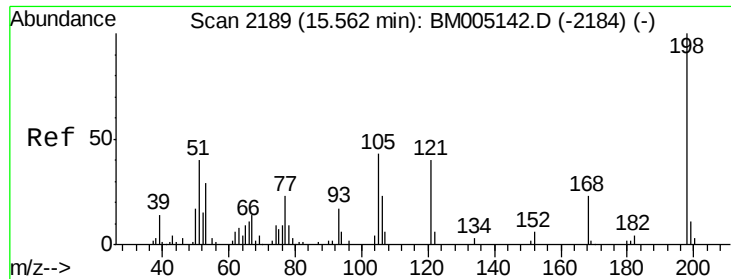
Tot Ion:204 Resp: 103309
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.2 39.4
 141 60.1 47.2 70.8



#60
 4-Nitroaniline
 Concen: 22.11 ng/ul
 RT: 15.507 min Scan# 2365
 Delta R.T. 0.004 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

Tgt Ion:138 Resp: 49888
 Ion Ratio Lower Upper
 138 100
 92 53.6 41.0 61.6
 108 86.5 66.8 100.2

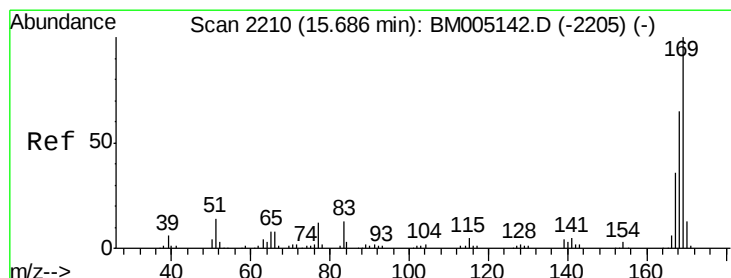
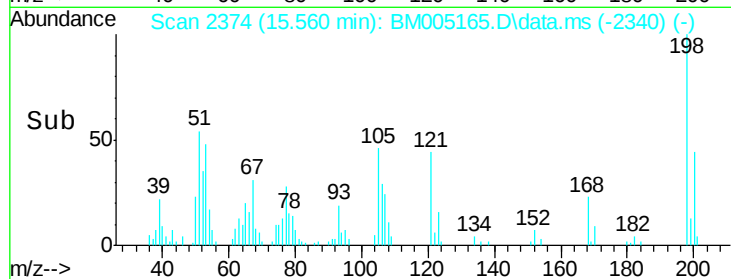
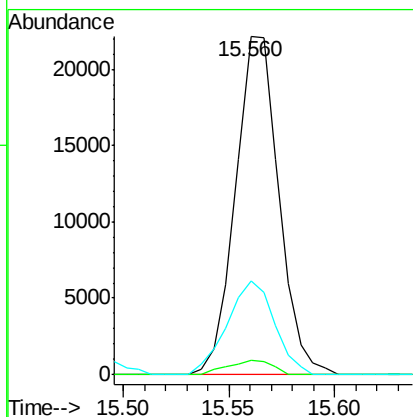
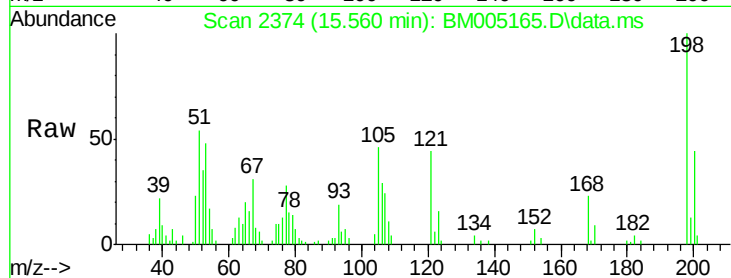




#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.99 ng/ul
 RT: 15.560 min Scan# 231
 Delta R.T. -0.002 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

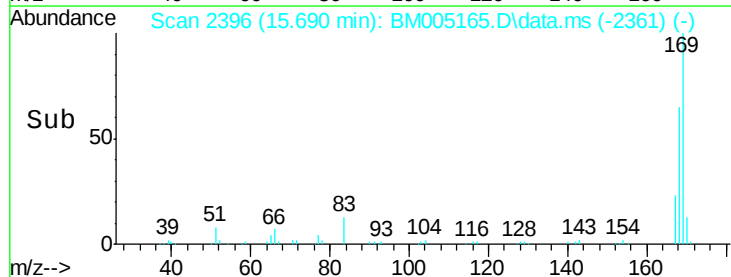
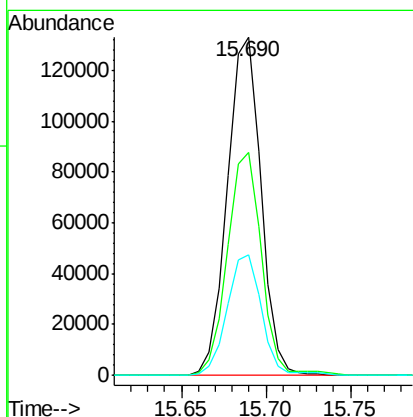
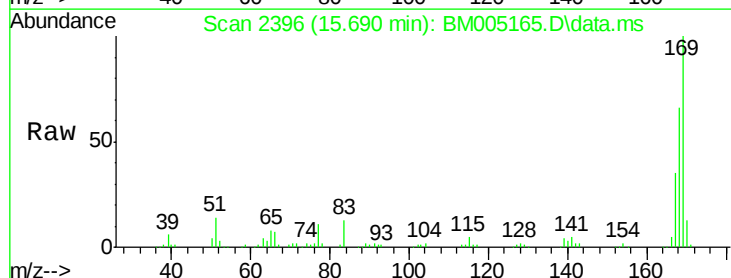
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

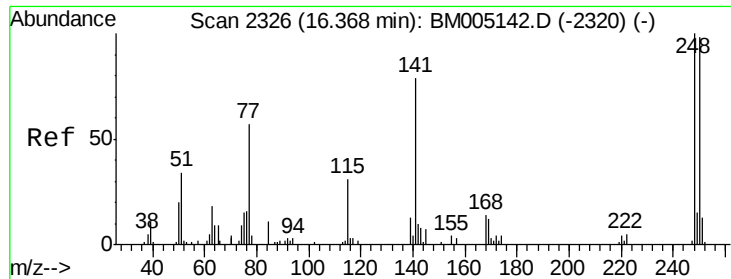
Tot Ion:198 Resp: 31560
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.9 5.9
 77 27.6 21.4 32.2



#64
 N-Nitrosodiphenylamine
 Concen: 21.64 ng/ul
 RT: 15.690 min Scan# 2396
 Delta R.T. 0.004 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

Tgt Ion:169 Resp: 184446
 Ion Ratio Lower Upper
 169 100
 168 65.9 51.8 77.6
 167 35.5 28.2 42.2

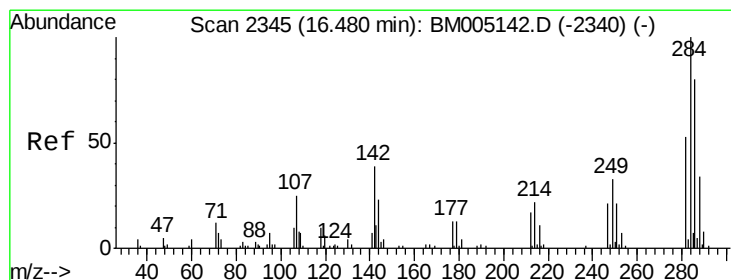
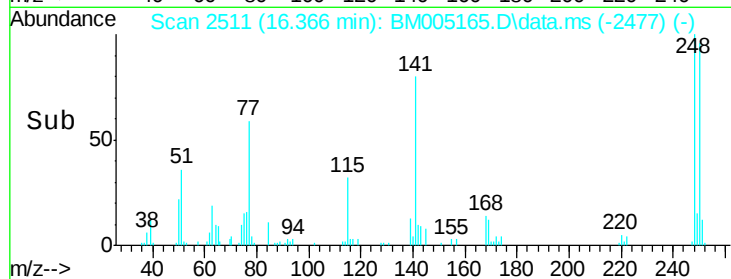
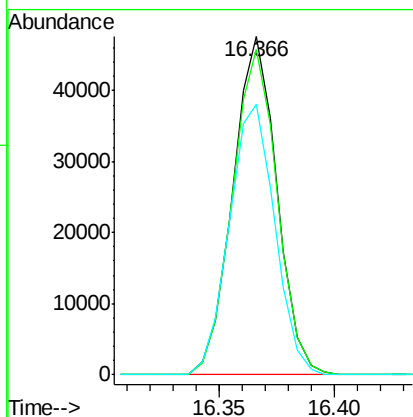
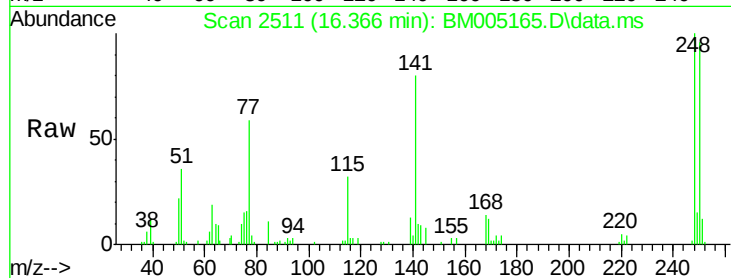




#65
 4-Bromophenyl-phenylether
 Concen: 20.93 ng/ul
 RT: 16.366 min Scan# 2511
 Delta R.T. -0.002 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

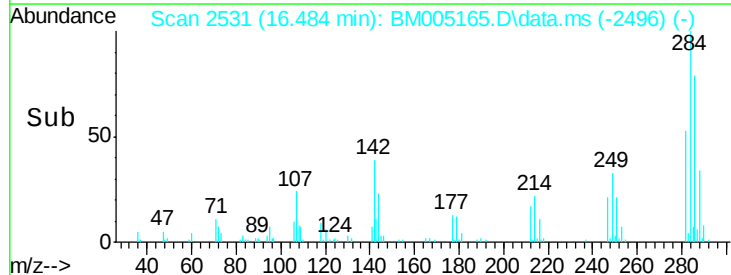
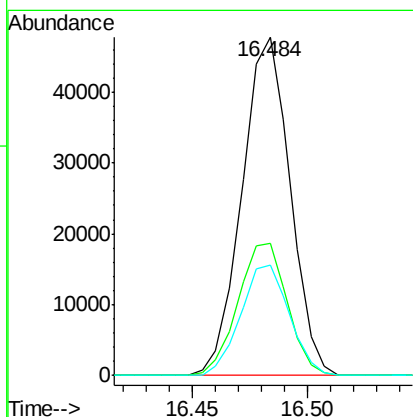
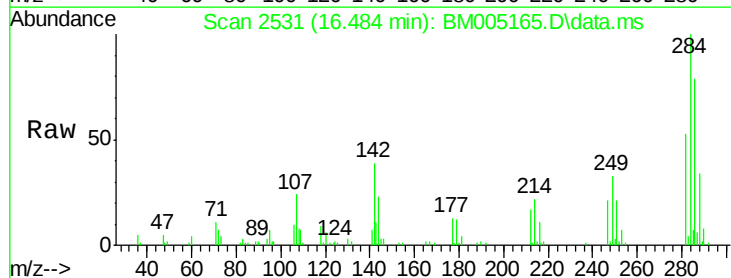
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

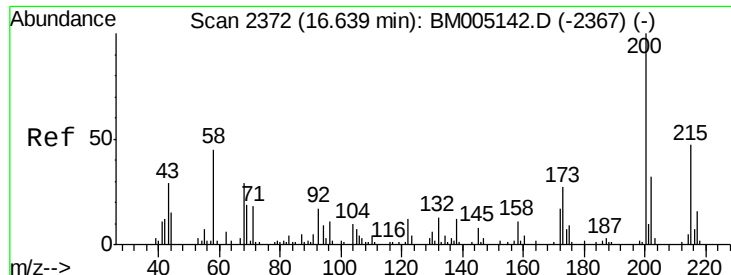
Tot Ion:248 Resp: 63355
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.8 116.6
 141 80.0 62.7 94.1



#66
 Hexachlorobenzene
 Concen: 20.13 ng/ul
 RT: 16.484 min Scan# 2531
 Delta R.T. 0.004 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

Tgt Ion:284 Resp: 69408
 Ion Ratio Lower Upper
 284 100
 142 39.2 29.8 44.8
 249 32.6 25.9 38.9

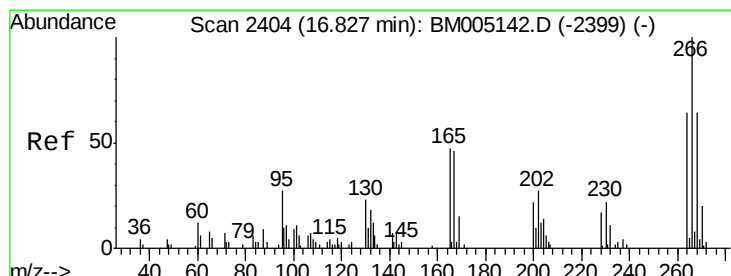
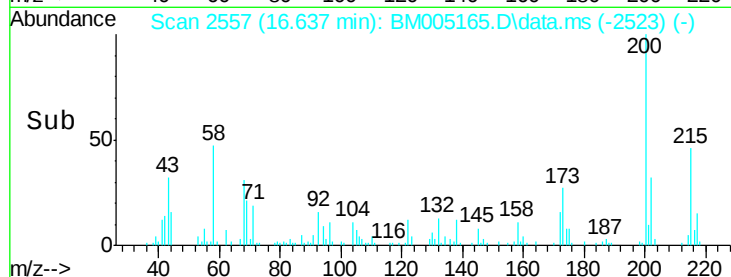
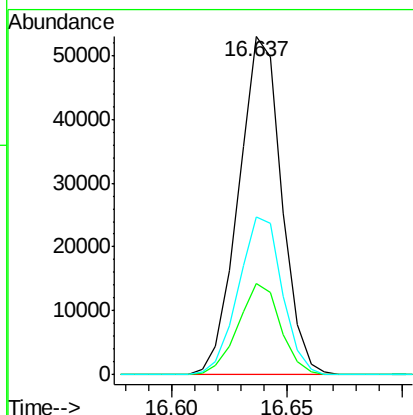
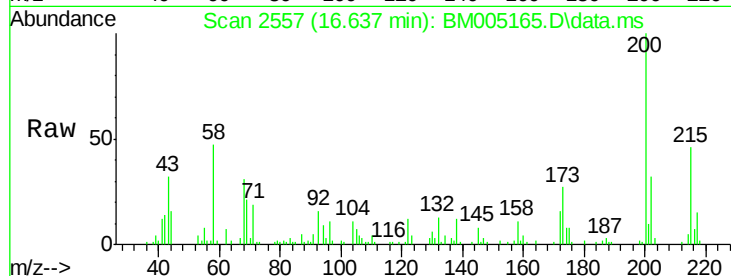




#67
 Atrazine
 Concen: 21.93 ng/ul
 RT: 16.637 min Scan# 2557
 Delta R.T. -0.002 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

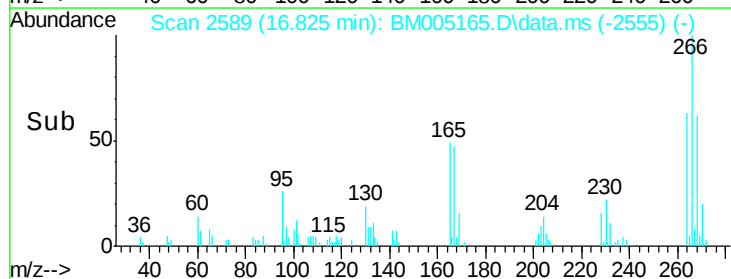
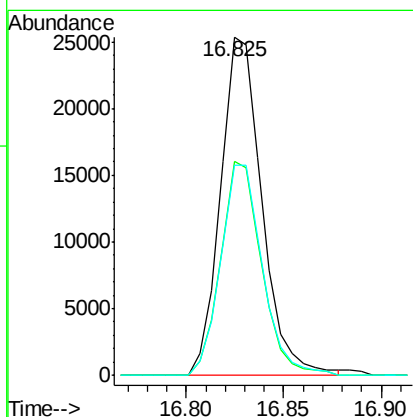
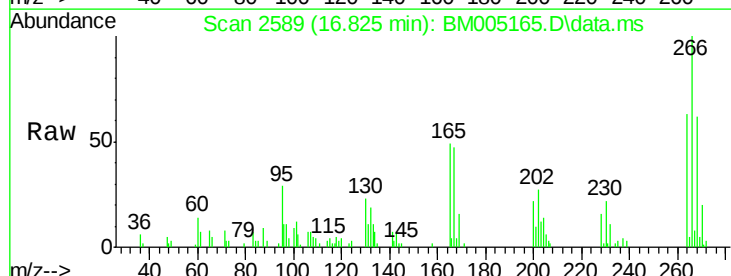
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

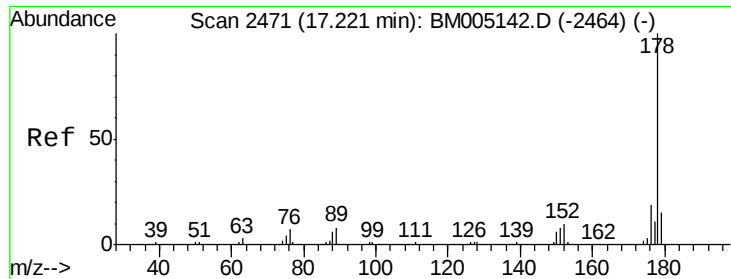
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	21.0	31.4
215	46.5	39.4	59.2



#68
 Pentachlorophenol
 Concen: 18.70 ng/ul
 RT: 16.825 min Scan# 2589
 Delta R.T. -0.002 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.8	74.6
268	62.3	49.6	74.4





#69

Phenanthrene

Concen: 20.67 ng/ul

RT: 17.219 min Scan# 26

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

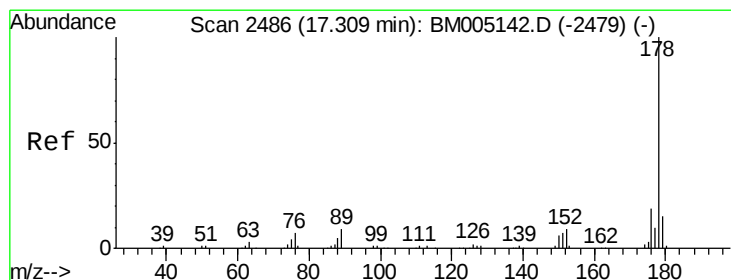
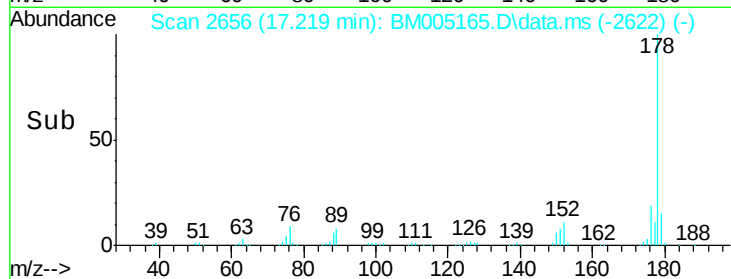
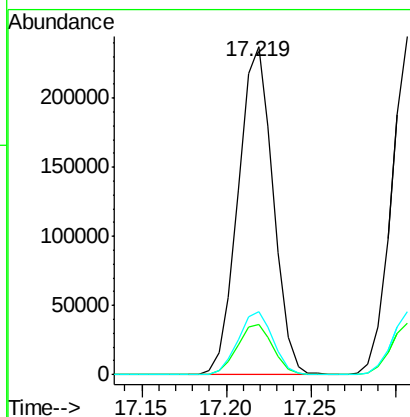
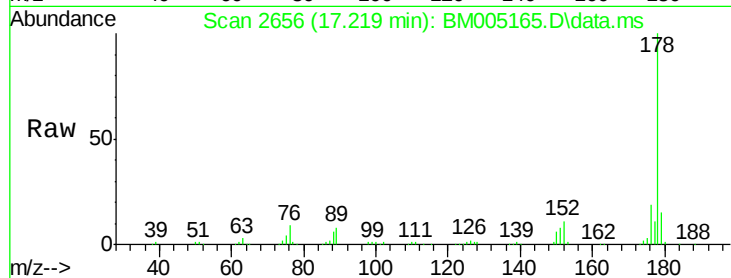
Tot Ion:178 Resp: 341108

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.8

176 19.1 15.2 22.8



#71

Anthracene

Concen: 21.17 ng/ul

RT: 17.307 min Scan# 2671

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

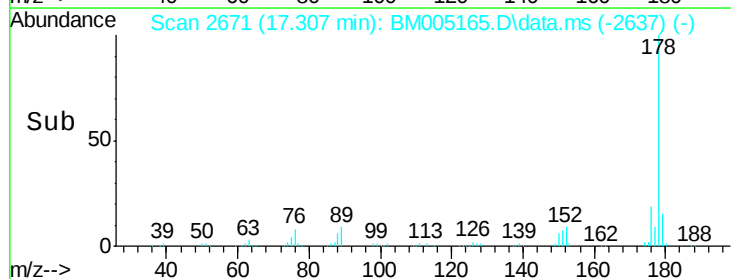
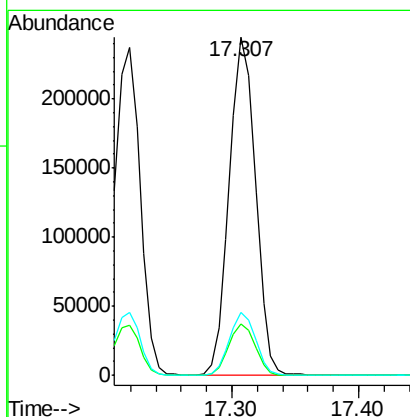
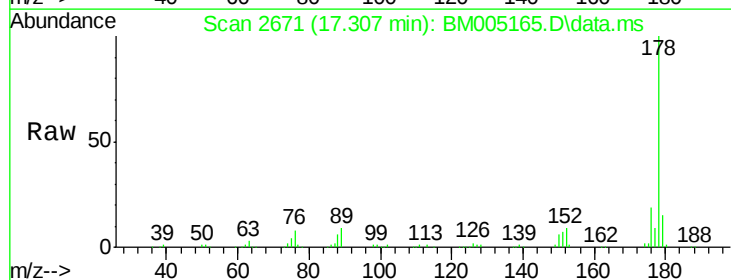
Tgt Ion:178 Resp: 352153

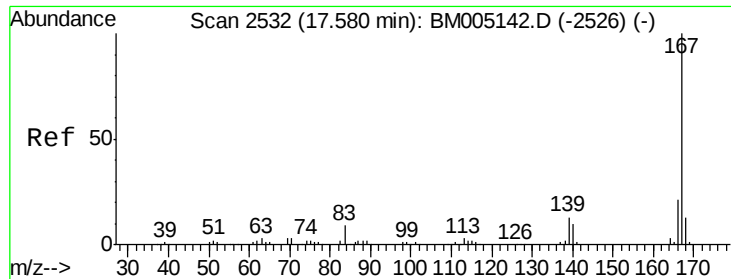
Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 18.6 14.6 22.0

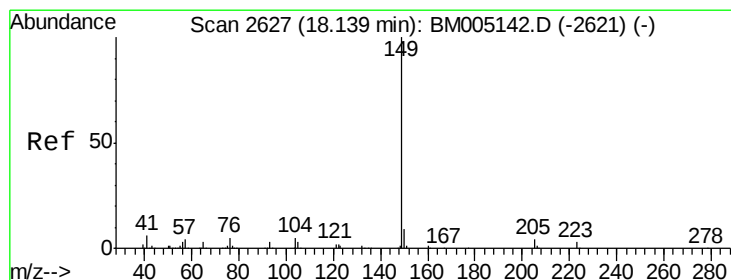
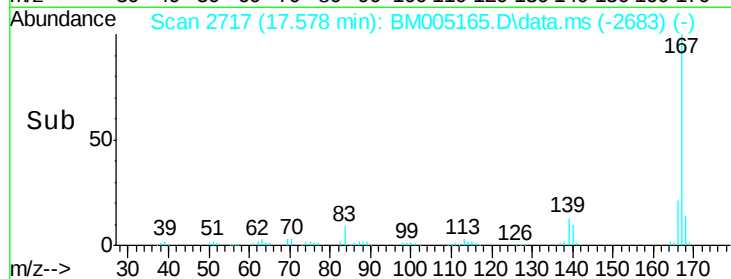
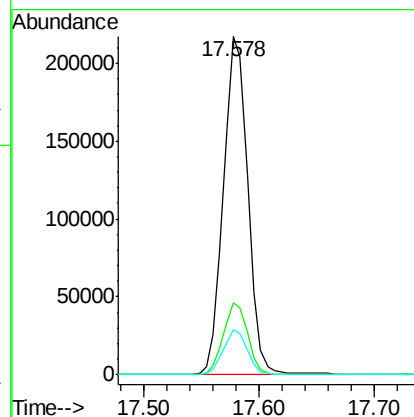
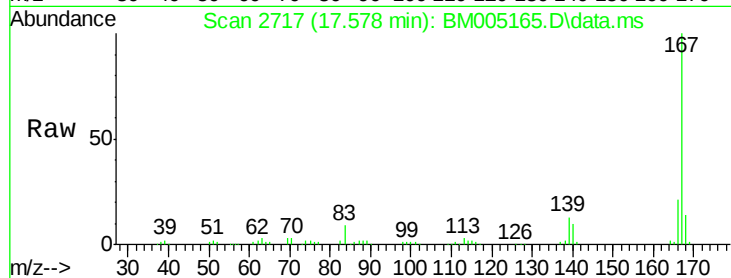




#72
 Carbazole
 Concen: 22.31 ng/ul
 RT: 17.578 min Scan# 27
 Delta R.T. -0.002 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

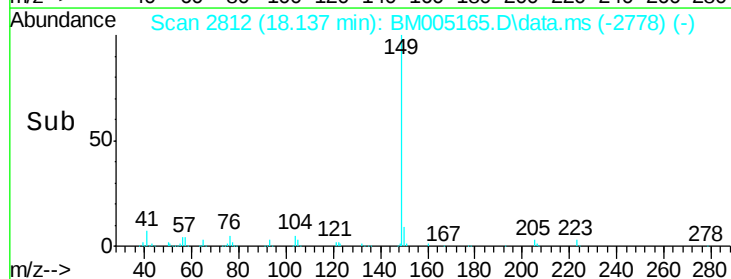
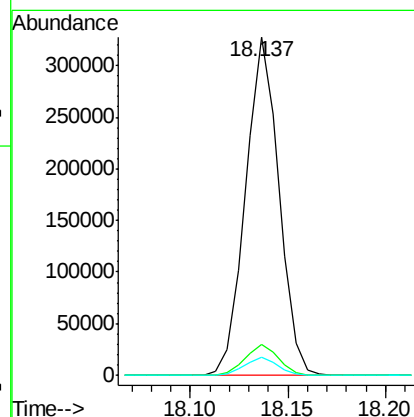
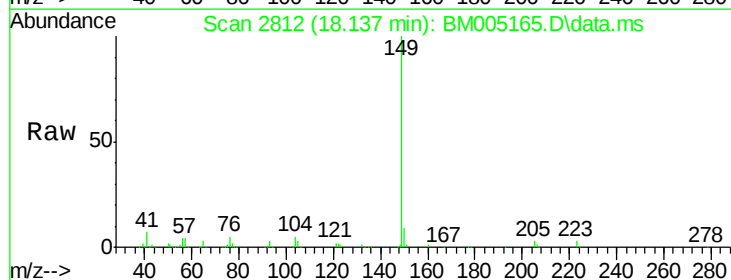
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

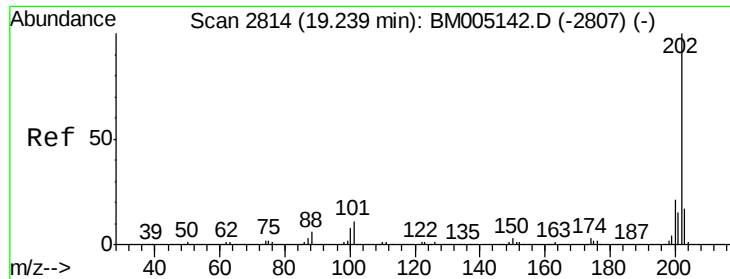
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.6	25.0
139	13.3	10.2	15.4



#73
 Di-n-butylphthalate
 Concen: 23.17 ng/ul
 RT: 18.137 min Scan# 2812
 Delta R.T. -0.002 min
 Lab File: BM005165.D
 Acq: 30 Apr 2016 08:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.2	3.9	5.9

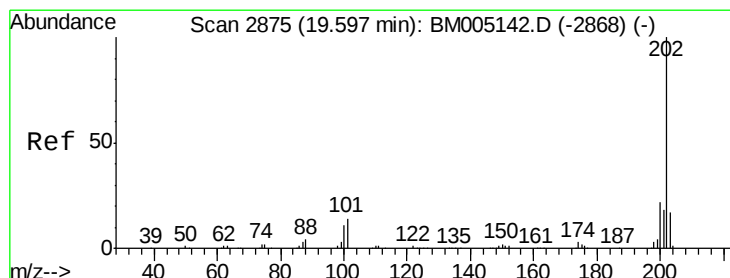
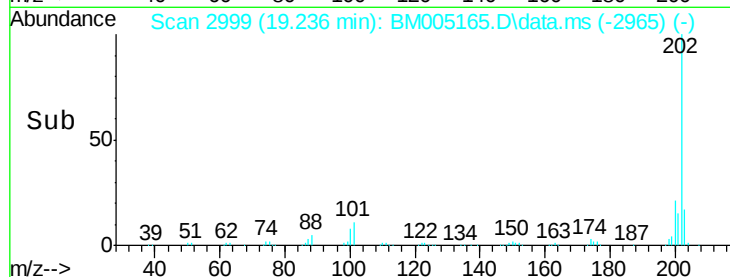
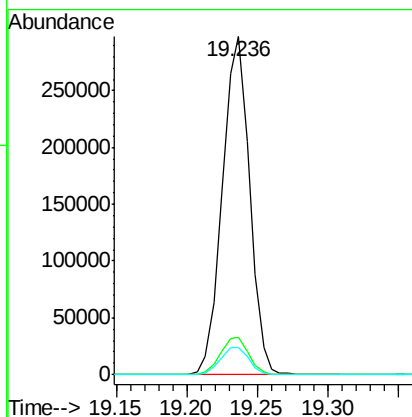
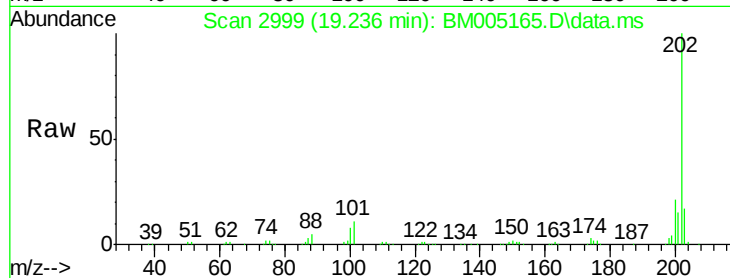




#74
Fluoranthene
Concen: 21.97 ng/ul
RT: 19.236 min Scan# 29
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

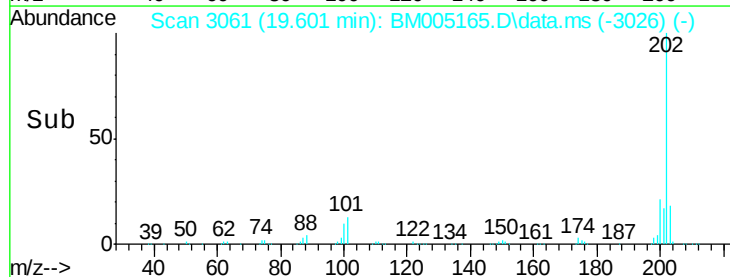
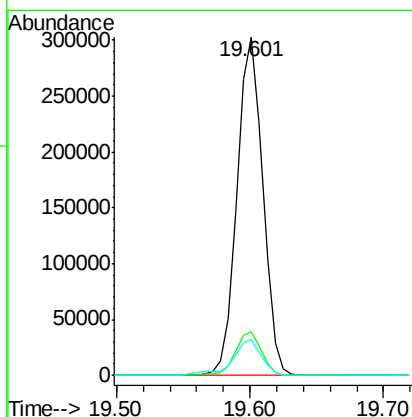
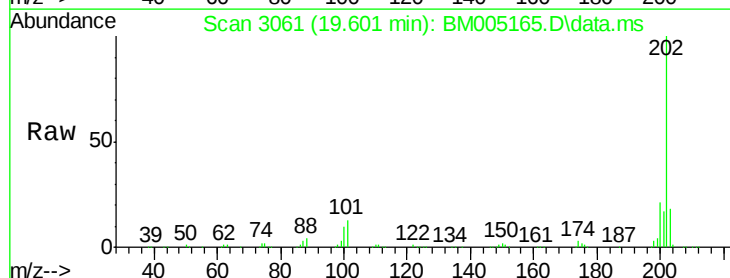
Instrument :
BNA_M
ClientSampleId :
SSTD02056

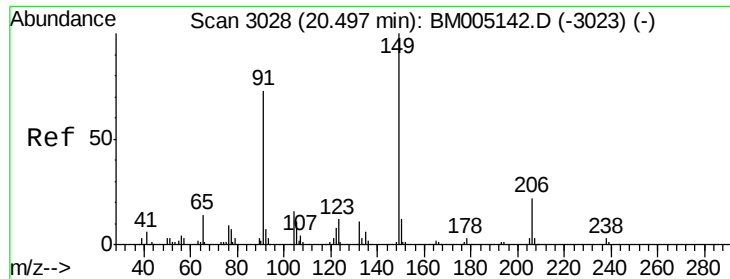
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.0	13.4
100	8.1	6.6	10.0



#77
Pyrene
Concen: 21.87 ng/ul
RT: 19.601 min Scan# 3061
Delta R.T. 0.004 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.5	15.7
100	10.5	8.2	12.2

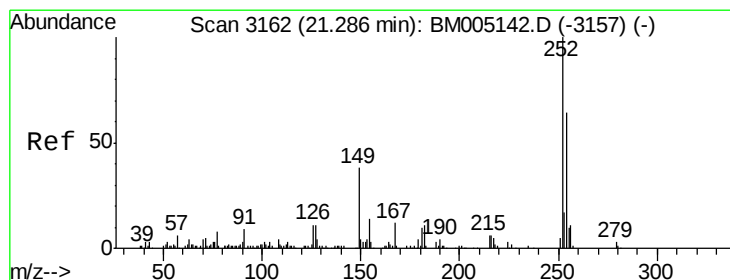
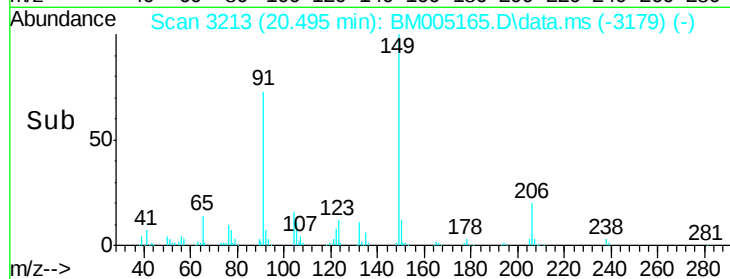
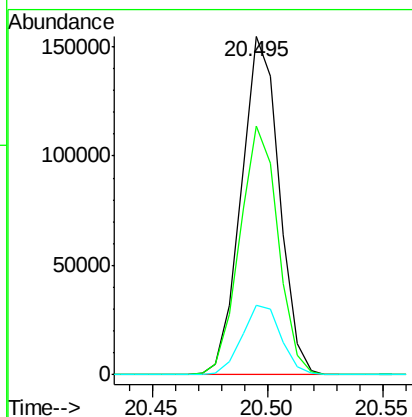
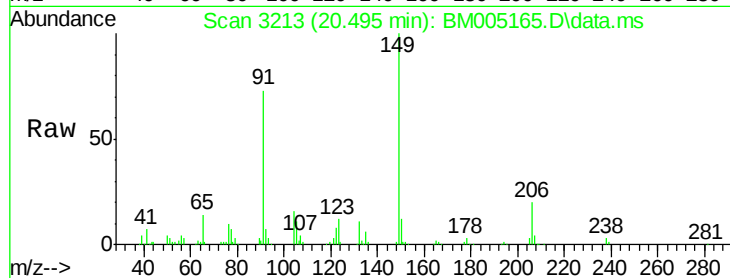




#78
Butylbenzylphthalate
Concen: 24.92 ng/ul
RT: 20.495 min Scan# 321
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

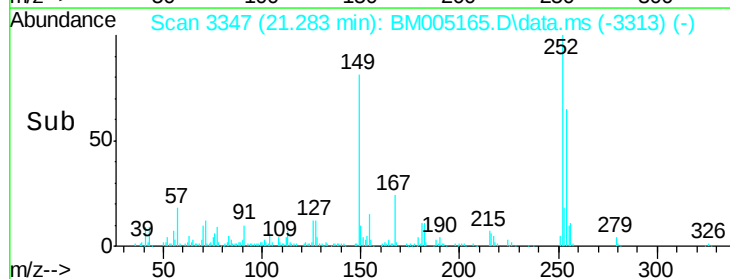
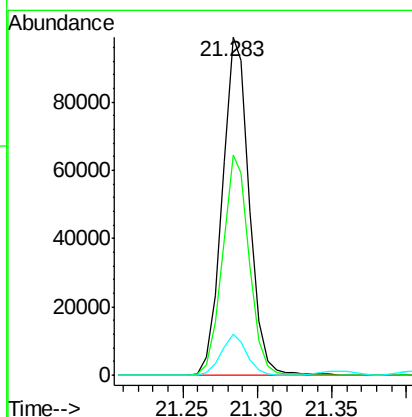
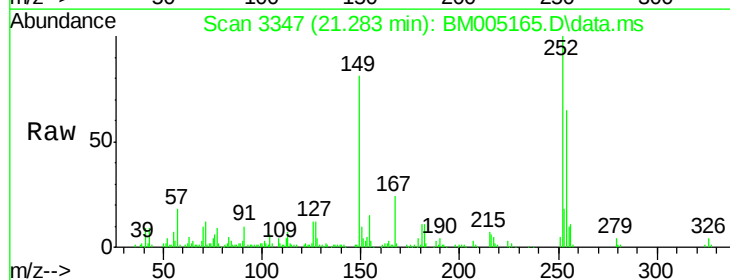
Instrument :
BNA_M
ClientSampleId :
SSTD02056

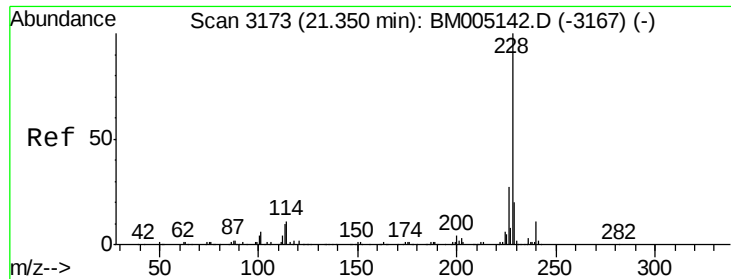
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	57.0	85.6
206	20.4	16.6	24.8



#79
3,3'-Dichlorobenzidine
Concen: 21.83 ng/ul
RT: 21.283 min Scan# 3347
Delta R.T. -0.002 min
Lab File: BM005165.D
Acq: 30 Apr 2016 08:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.4	75.6
126	12.0	8.7	13.1





#80

Benzo(a)anthracene

Concen: 20.82 ng/ul

RT: 21.348 min Scan# 33

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

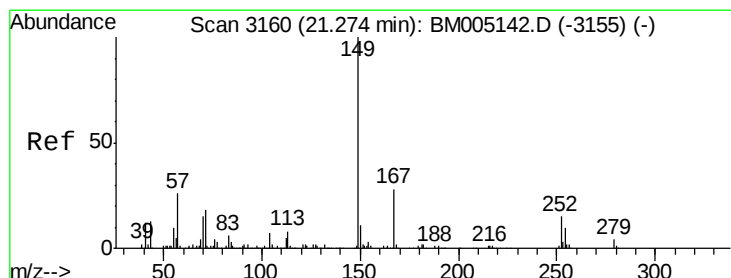
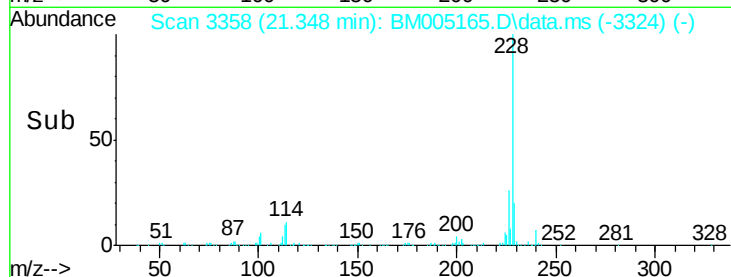
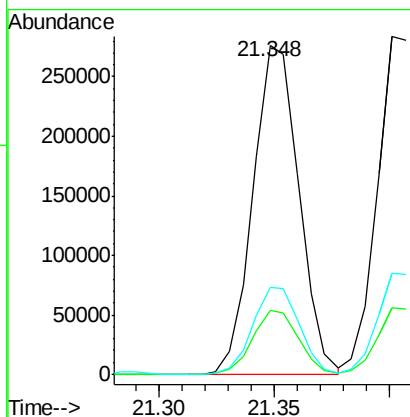
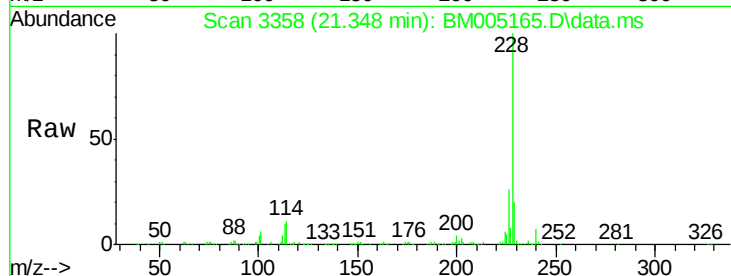
Tot Ion:228 Resp: 382952

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

226 26.3 21.5 32.3



#81

Bis(2-ethylhexyl)phthalate

Concen: 25.76 ng/ul

RT: 21.272 min Scan# 3345

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

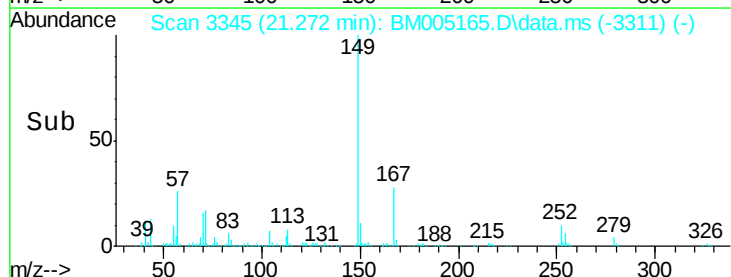
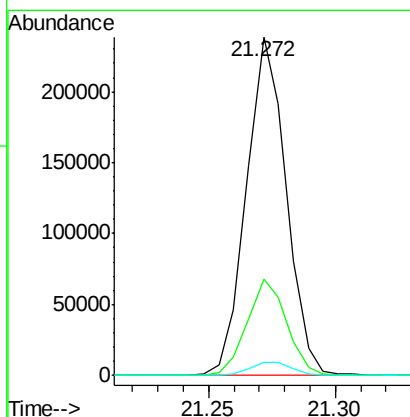
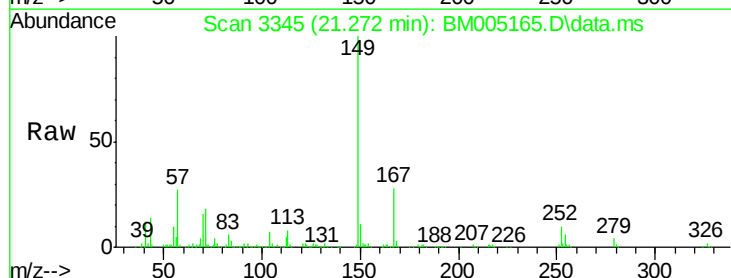
Tgt Ion:149 Resp: 258250

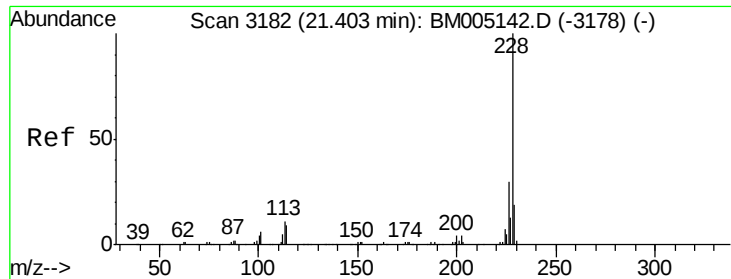
Ion Ratio Lower Upper

149 100

167 28.3 22.7 34.1

279 3.7 3.4 5.0





#82

Chrysene

Concen: 20.70 ng/ul

RT: 21.401 min Scan# 33

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

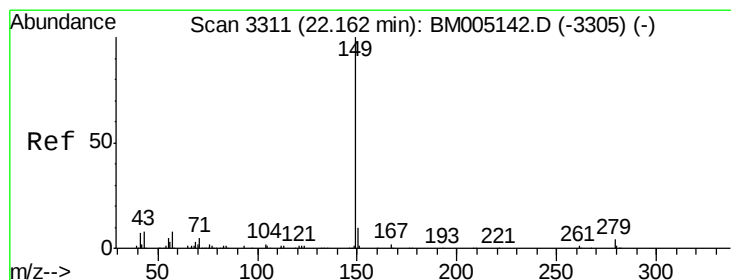
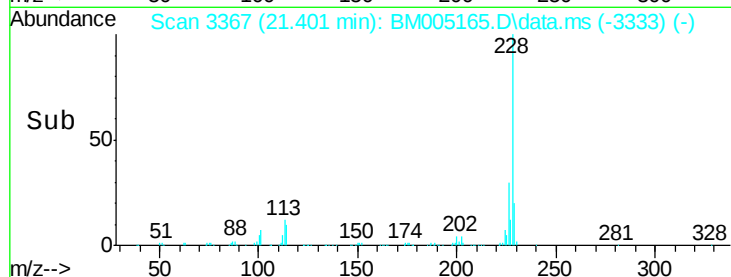
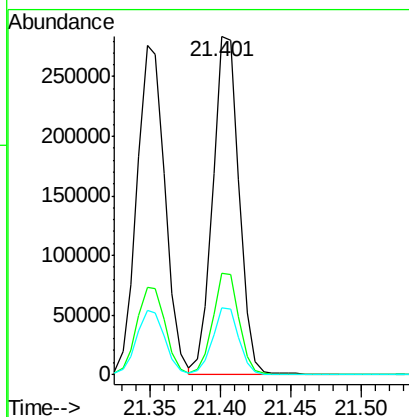
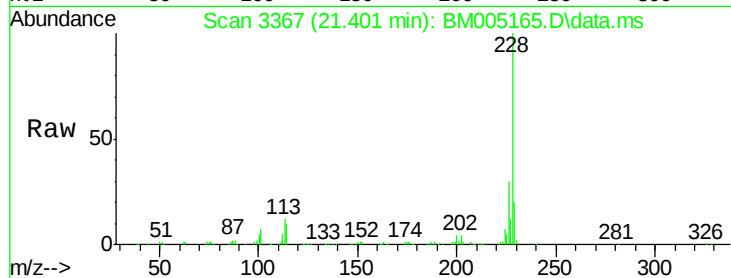
Tot Ion:228 Resp: 364314

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 19.9 15.5 23.3



#84

Di-n-octyl phthalate

Concen: 26.51 ng/ul

RT: 22.160 min Scan# 3496

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

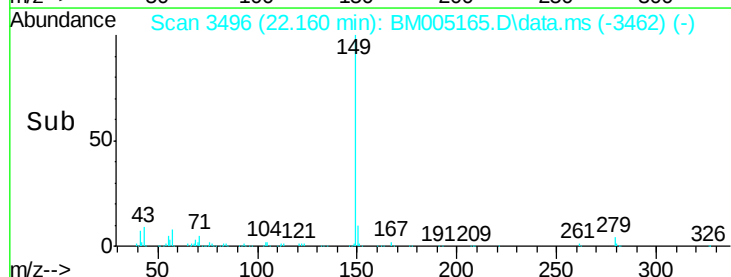
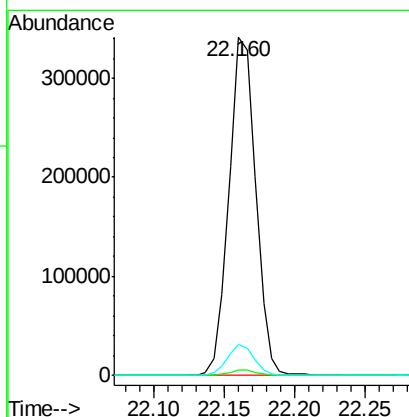
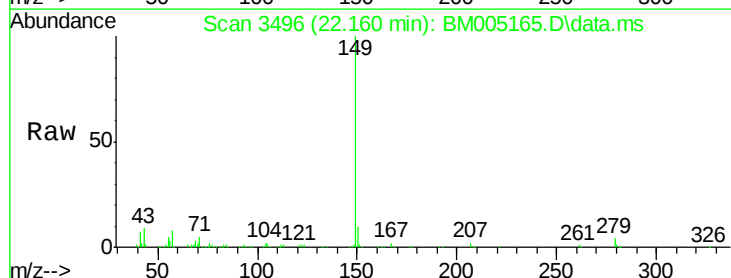
Tgt Ion:149 Resp: 452826

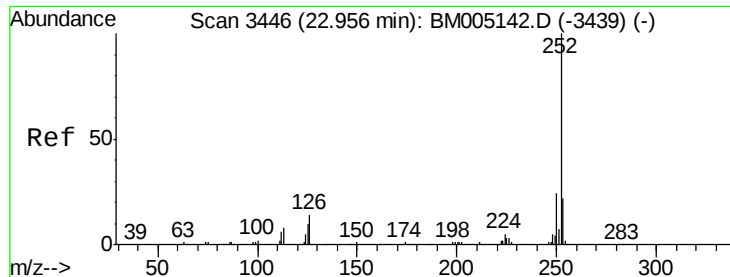
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.0 6.4 9.6





#85

Benzo(b)fluoranthene

Concen: 21.22 ng/ul

RT: 22.960 min Scan# 36

Delta R.T. 0.004 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

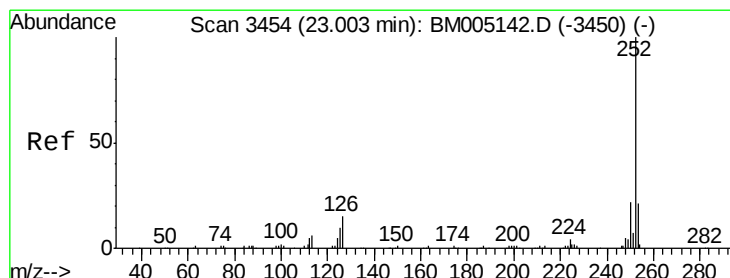
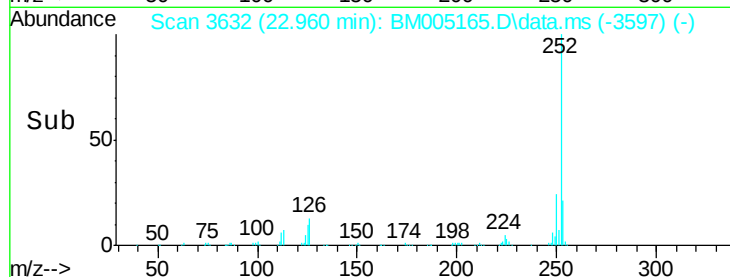
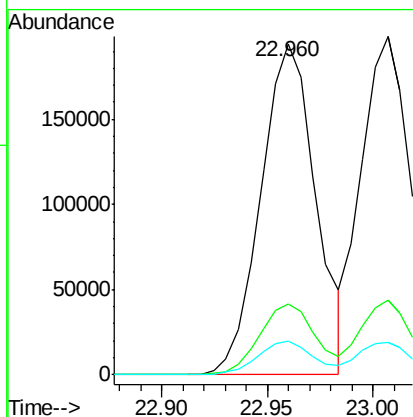
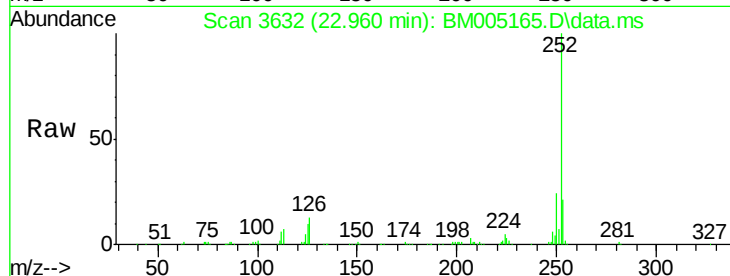
Tot Ion:252 Resp: 351198

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 10.0 7.8 11.6



#86

Benzo(k)fluoranthene

Concen: 20.31 ng/ul

RT: 23.007 min Scan# 3640

Delta R.T. 0.004 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

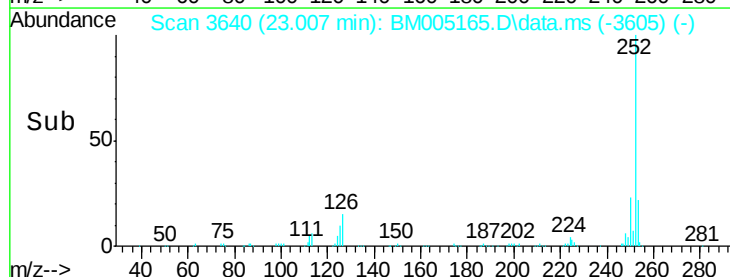
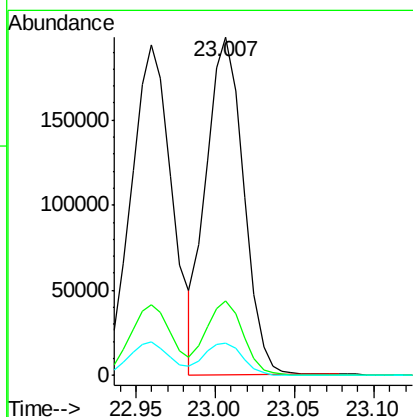
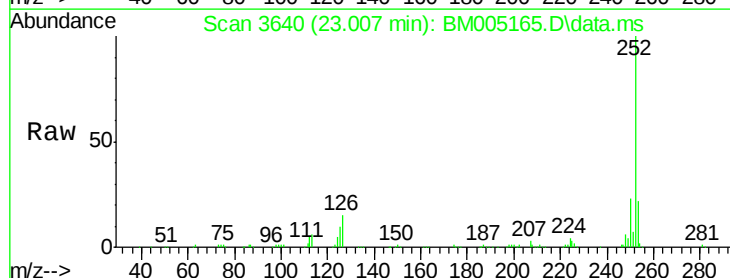
Tgt Ion:252 Resp: 326856

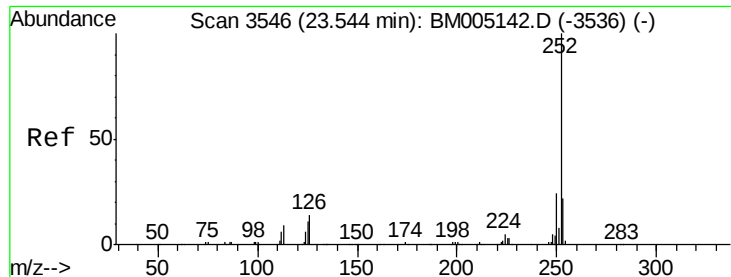
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.7 7.9 11.9





#88

Benzo(a)pyrene

Concen: 20.54 ng/ul

RT: 23.548 min Scan# 37

Delta R.T. 0.004 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

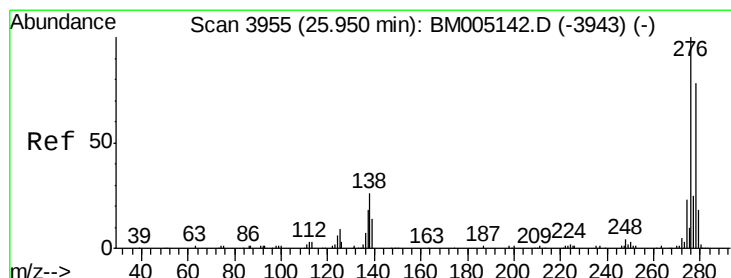
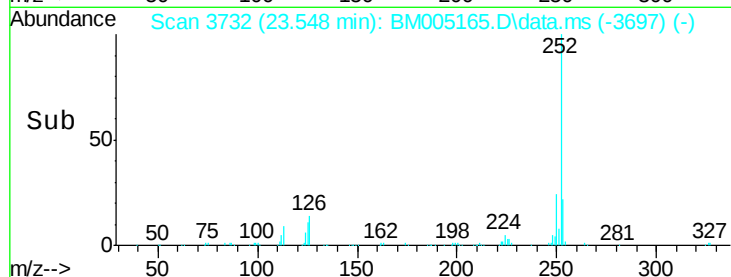
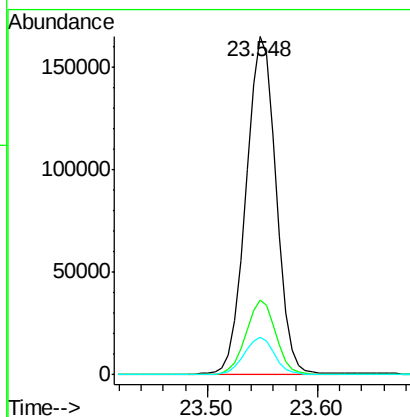
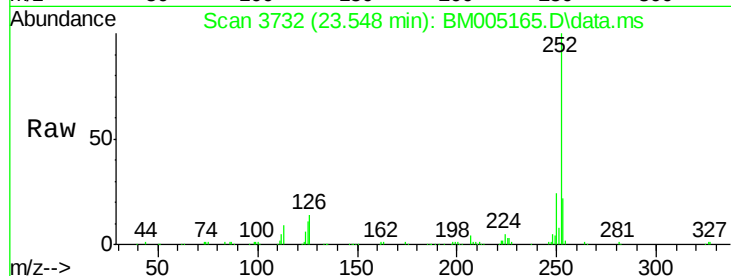
Tot Ion:252 Resp: 317419

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.2 8.3 12.5



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.90 ng/ul

RT: 25.954 min Scan# 4141

Delta R.T. 0.004 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

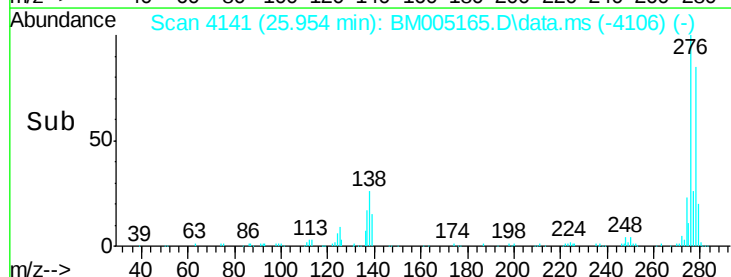
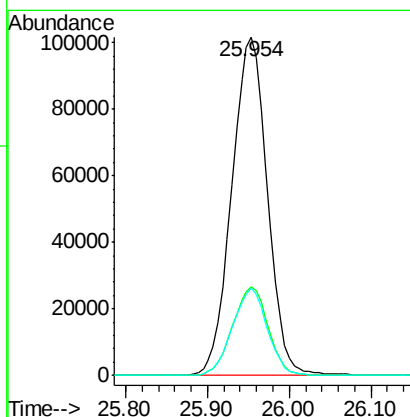
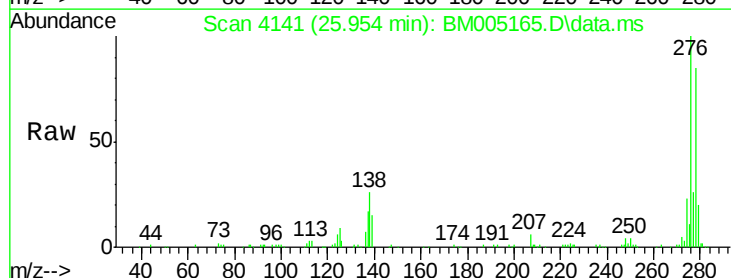
Tgt Ion:276 Resp: 308103

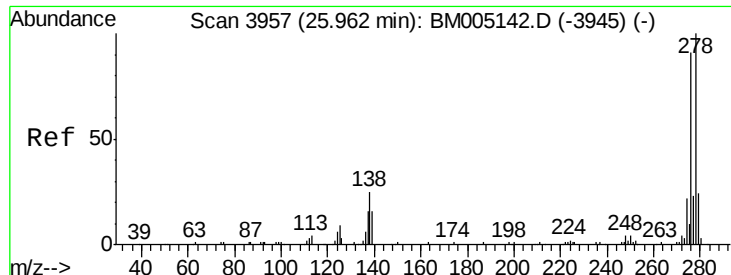
Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.4

277 25.6 20.4 30.6





#90

Dibenzo(a,h)anthracene

Concen: 21.12 ng/ul

RT: 25.960 min Scan# 41

Delta R.T. -0.002 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Instrument :

BNA_M

ClientSampleId :

SSTD02056

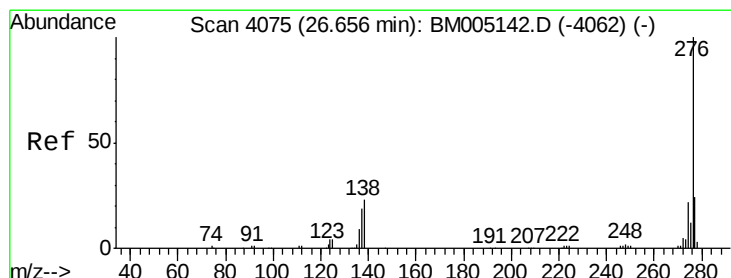
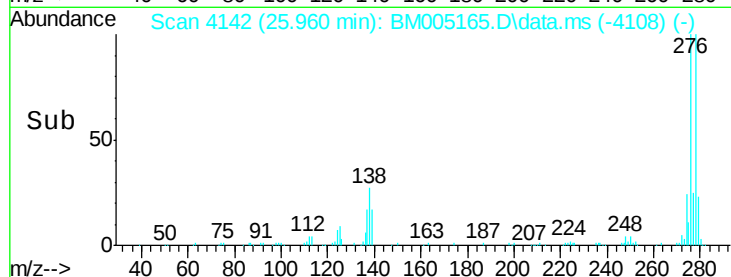
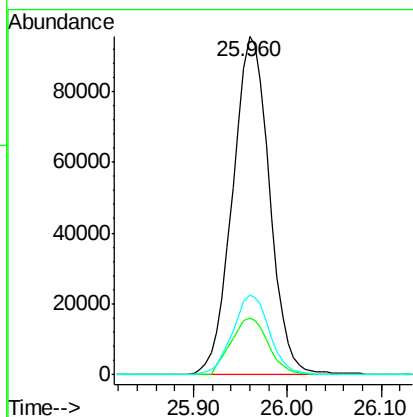
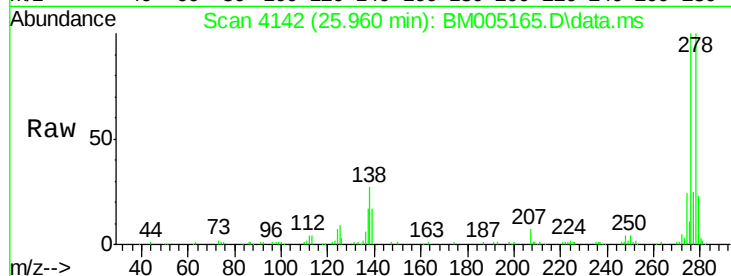
Tot Ion:278 Resp: 260187

Ion Ratio Lower Upper

278 100

139 16.5 12.6 19.0

279 23.4 19.1 28.7



#91

Benzo(g,h,i)perylene

Concen: 20.79 ng/ul

RT: 26.660 min Scan# 4261

Delta R.T. 0.004 min

Lab File: BM005165.D

Acq: 30 Apr 2016 08:06

Tgt Ion:276 Resp: 250764

Ion Ratio Lower Upper

276 100

138 22.2 17.4 26.2

277 23.2 19.0 28.4

