

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM110417\
 Data File : BM012703.D
 Acq On : 04 Nov 2017 12:31
 Operator : SJ/JU
 Sample : SST01088
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST01088

Quant Time: Nov 04 14:26:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 14:24:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.816	152	69650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.604	136	263646	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.451	164	157937	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.192	188	374834	20.00	ng/ul	0.00
77) Chrysene-d12	21.368	240	453822	20.00	ng/ul	0.00
85) Perylene-d12	23.650	264	475349	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.310	96	5303	2.90	ng/uL	0.01
5) Phenol-d5	6.987	99	48807	7.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.145	67	27973	6.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.351	132	42898	10.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.516	113	42258	8.99	ng/ul	0.00
19) Nitrobenzene-d5	8.969	128	19557	10.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.686	143	21789	10.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.227	165	44432	10.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.739	131	47943	10.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.857	166	129269	11.64	ng/ul	0.00
46) Acenaphthylene-d8	14.139	160	161181	11.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.651	143	19341	9.45	ng/ul	0.00
57) Fluorene-d10	15.439	176	113037	11.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.568	200	20247	8.55	ng/ul	0.00
70) Anthracene-d10	17.292	188	180737	10.11	ng/ul	0.00
78) Pyrene-d10	19.580	212	205394	10.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.503	264	220299	10.06	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.340	88	6544	3.21	ng/uL	92
4) Benzaldehyde	6.957	77	32960	7.47	ng/ul	96
6) Phenol	7.010	94	50394	7.48	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.239	93	38632	7.36	ng/ul	99
10) 2-Chlorophenol	7.381	128	43606	9.66	ng/ul	99
11) 2-Methylphenol	8.257	108	38261	8.21	ng/ul	99
12) 2,2'-oxybis(1-Chloropr...	8.351	45	31937	3.75	ng/ul#	91
14) Acetophenone	8.633	105	63055	7.86	ng/ul	94
15) N-Nitroso-di-n-propyla...	8.616	70	29855	6.45	ng/ul	97
16) 4-Methylphenol	8.586	108	41101	8.12	ng/ul	97
17) Hexachloroethane	8.892	117	17840	8.19	ng/ul#	75
20) Nitrobenzene	9.010	77	45895	7.02	ng/ul	96
21) Isophorone	9.539	82	80115	7.37	ng/ul	99
23) 2-Nitrophenol	9.722	139	22930	10.32	ng/ul	93
24) 2,4-Dimethylphenol	9.780	107	48288	8.80	ng/ul	96
25) Bis(2-Chloroethoxy)met...	10.016	93	50739	8.06	ng/ul	99
27) 2,4-Dichlorophenol	10.251	162	44930	10.84	ng/ul	98
28) Naphthalene	10.651	128	133459	10.00	ng/ul	99
30) 4-Chloroaniline	10.763	127	47362	9.44	ng/ul	99
31) Hexachlorobutadiene	10.939	225	35372	10.89	ng/ul	99
32) Caprolactam	11.545	113	11453	8.96	ng/ul	90
33) 4-Chloro-3-methylphenol	11.892	107	42312	9.09	ng/ul	99
34) 2-Methylnaphthalene	12.269	142	100343	10.43	ng/ul	98

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM110417\
 Data File : BM012703.D
 Acq On : 04 Nov 2017 12:31
 Operator : SJ/JU
 Sample : SSTD01088
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01088

Quant Time: Nov 04 14:26:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 14:24:18 2017
 Response via : Initial Calibration

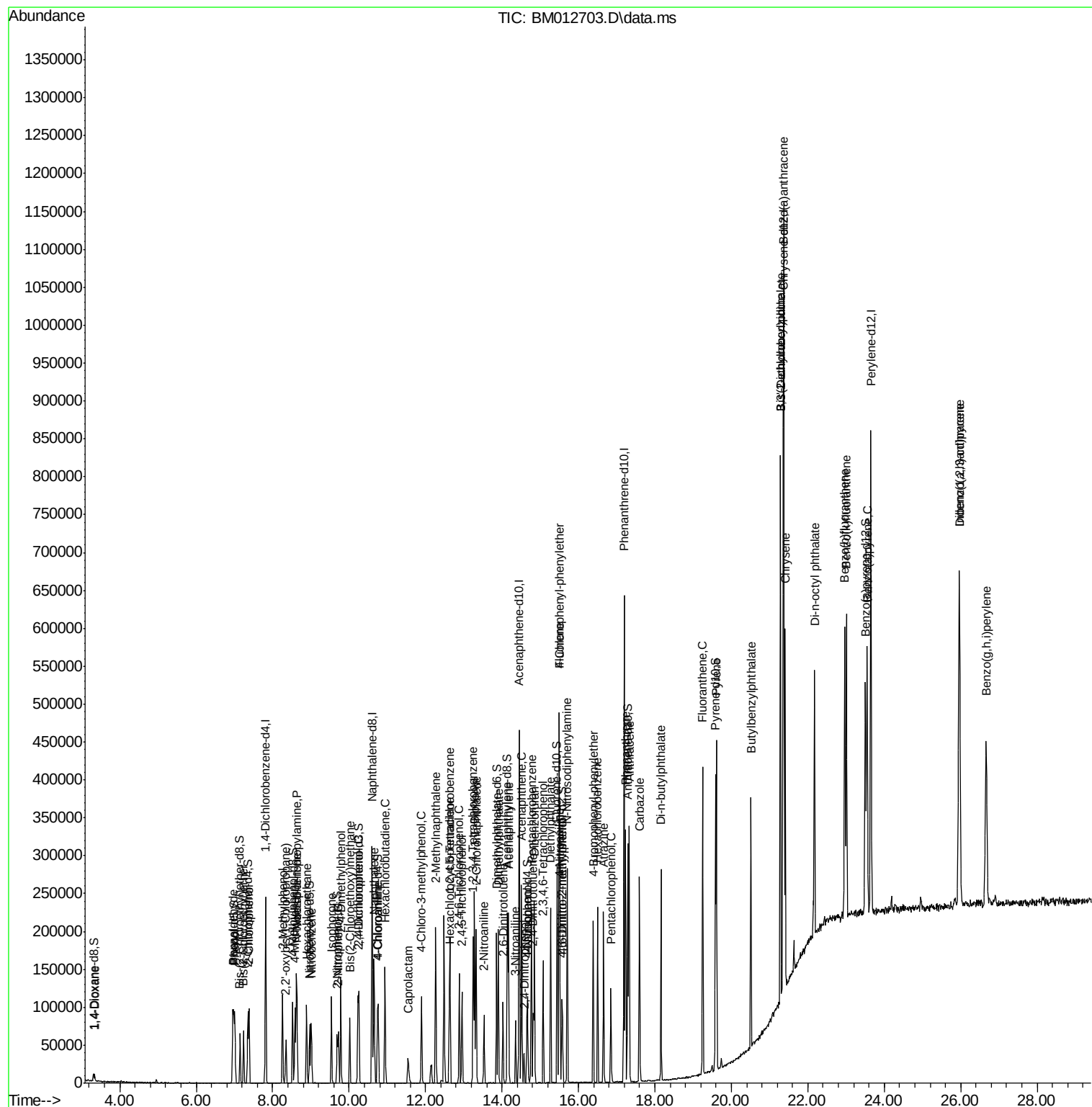
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachloroben...	12.633	216	61628	11.61	ng/ul#	96
37) Hexachlorocyclopentadiene	12.616	237	21673	6.51	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.880	196	37539	12.08	ng/ul	97
39) 2,4,5-Trichlorophenol	12.951	196	39450	11.77	ng/ul	98
40) 1,1'-Biphenyl	13.280	154	131815	11.29	ng/ul	100
41) 2-Chloronaphthalene	13.321	162	103580	11.41	ng/ul	93
42) 2-Nitroaniline	13.527	65	23536	7.03	ng/ul	90
44) Dimethylphthalate	13.904	163	129618	11.70	ng/ul	98
45) 2,6-Dinitrotoluene	14.027	165	24913	11.63	ng/ul	97
47) Acenaphthylene	14.168	152	156169	11.25	ng/ul	99
48) 3-Nitroaniline	14.357	138	20817	9.43	ng/ul	95
49) Acenaphthene	14.510	153	107414	11.02	ng/ul	97
50) 2,4-Dinitrophenol	14.574	184	12090	8.22	ng/ul	89
52) 4-Nitrophenol	14.668	109	17701	7.38	ng/ul	96
53) Dibenzofuran	14.845	168	157097	11.12	ng/ul	95
54) 2,4-Dinitrotoluene	14.815	165	36692	11.46	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.074	232	36880	12.21	ng/ul#	86
56) Diethylphthalate	15.268	149	125580	11.05	ng/ul	97
58) Fluorene	15.498	166	129713	11.26	ng/ul	98
59) 4-Chlorophenyl-phenyle...	15.492	204	70170	11.42	ng/ul#	85
60) 4-Nitroaniline	15.515	138	24824	10.58	ng/ul	97
63) 4,6-Dinitro-2-methylph...	15.586	198	21557	8.46	ng/ul#	92
64) N-Nitrosodiphenylamine	15.704	169	111414	9.85	ng/ul	98
65) 4-Bromophenyl-phenylether	16.386	248	47382	11.28	ng/ul#	82
66) Hexachlorobenzene	16.504	284	54543	11.53	ng/ul#	84
67) Atrazine	16.657	200	45540	10.56	ng/ul	97
68) Pentachlorophenol	16.851	266	27344	9.55	ng/ul	98
69) Phenanthrene	17.233	178	206355	9.78	ng/ul	99
71) Anthracene	17.327	178	215116	9.96	ng/ul	100
72) 1,2,3,4-Tetrachloroben...	13.245	216	60219	10.93	ng/uL	99
73) Pentachlorobenzene	14.768	250	62237	11.42	ng/uL	99
74) Carbazole	17.598	167	177033	9.09	ng/ul	98
75) Di-n-butylphthalate	18.156	149	204148	9.71	ng/ul	99
76) Fluoranthene	19.250	202	250989	9.84	ng/ul#	92
79) Pvrene	19.609	202	263360	10.56	ng/ul#	92
80) Butylbenzylphthalate	20.509	149	94833	10.42	ng/ul	90
81) 3,3'-Dichlorobenzidine	21.286	252	93022	10.68	ng/ul#	96
82) Benzo(a)anthracene	21.356	228	275178	10.66	ng/ul	99
83) Bis(2-ethylhexyl)phtha...	21.286	149	135886	10.18	ng/ul#	95
84) Chrysene	21.409	228	251198	10.27	ng/ul	98
86) Di-n-octyl phthalate	22.174	149	230509	8.36	ng/ul	99
87) Benzo(b)fluoranthene	22.962	252	286329	9.97	ng/ul#	96
88) Benzo(k)fluoranthene	23.009	252	273412	10.00	ng/ul#	96
90) Benzo(a)pyrene	23.550	252	275983	10.08	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.962	276	339624	10.90	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.968	278	287507	10.77	ng/ul#	92
93) Benzo(g,h,i)perylene	26.662	276	282860	10.89	ng/ul#	90

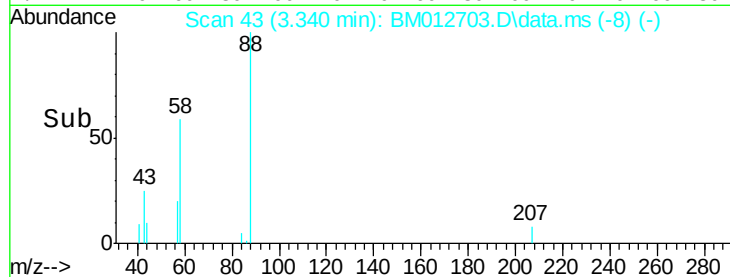
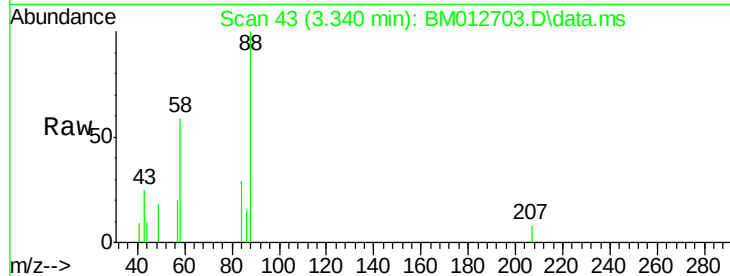
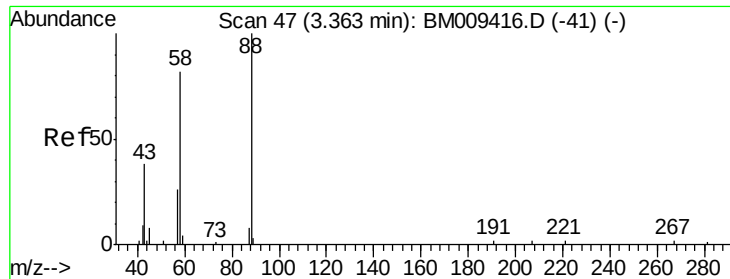
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM110417\
Data File : BM012703.D
Acq On : 04 Nov 2017 12:31
Operator : SJ/JU
Sample : SSTD01088
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01088

Quant Time: Nov 04 14:26:50 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 14:24:18 2017
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 3.21 ng/uL

RT: 3.340 min Scan# 43

Delta R.T. 0.006 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

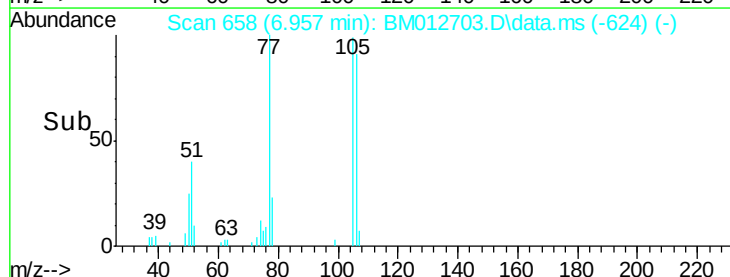
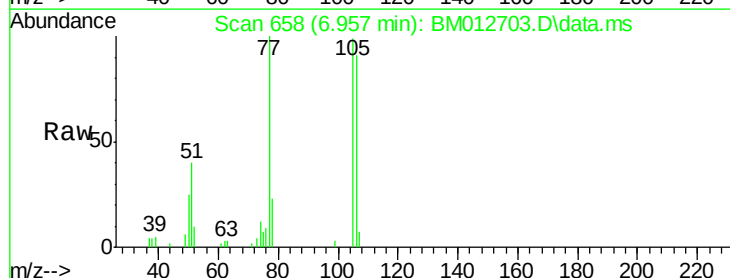
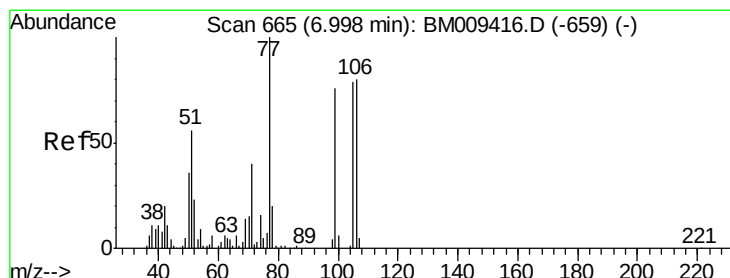
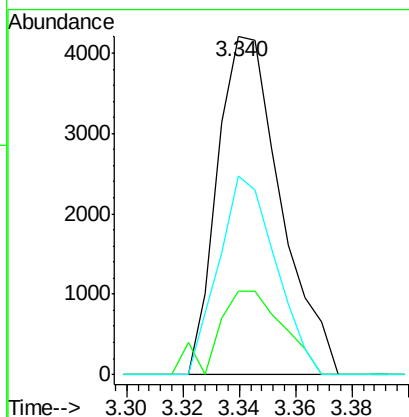
Tot Ion: 88 Resp: 6544

Ion Ratio Lower Upper

88 100

43 23.6 21.0 31.6

58 52.8 47.8 71.8



#4

Benzaldehyde

Concen: 7.47 ng/uL

RT: 6.957 min Scan# 658

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

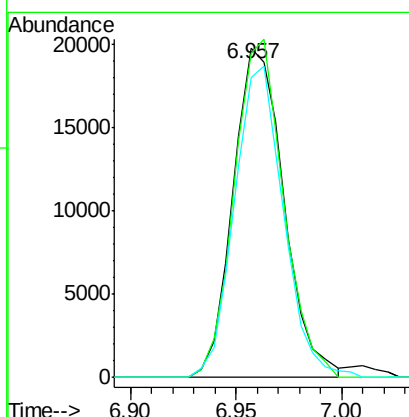
Tgt Ion: 77 Resp: 32960

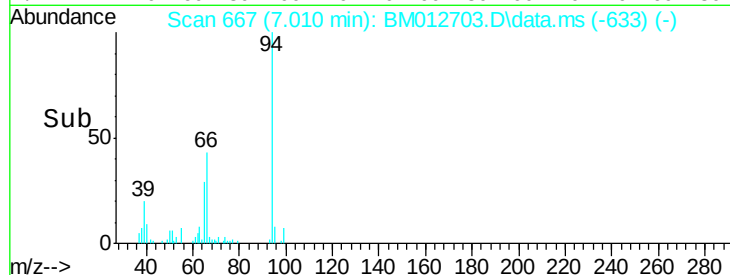
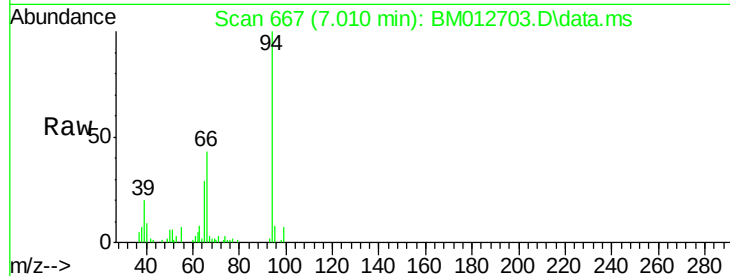
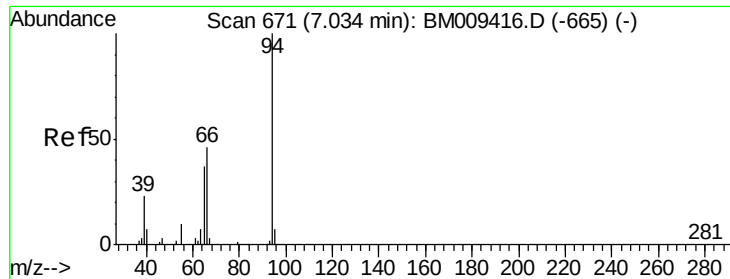
Ion Ratio Lower Upper

77 100

105 98.5 80.6 120.8

106 91.1 77.7 116.5





#6

Phenol

Concen: 7.48 ng/ul

RT: 7.010 min Scan# 66

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

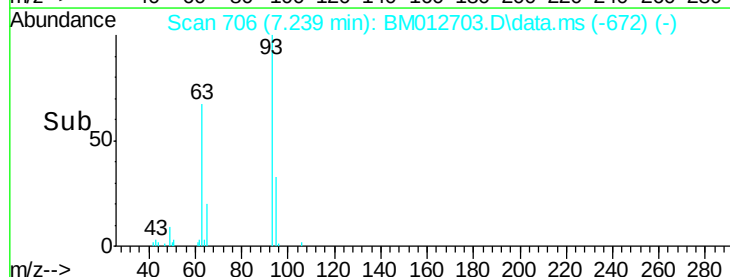
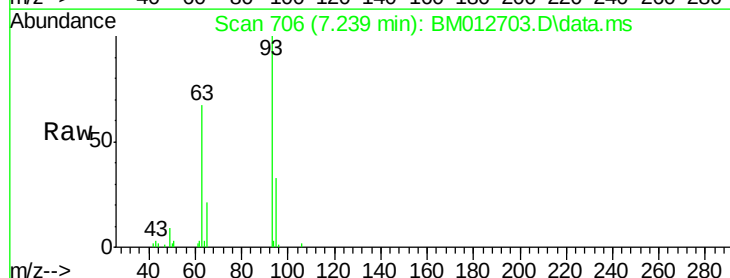
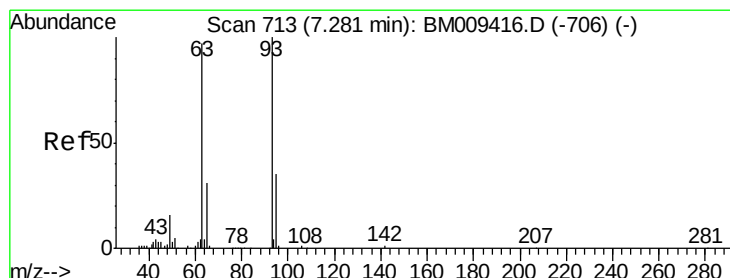
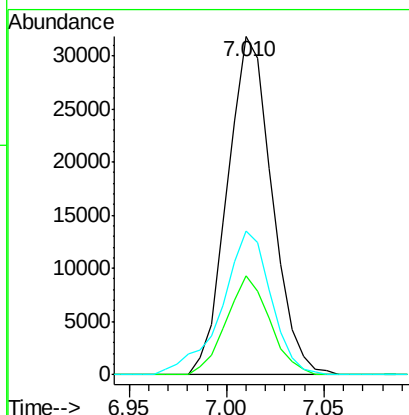
Tot Ion: 94 Resp: 50394

Ion Ratio Lower Upper

94 100

65 29.2 21.0 31.6

66 42.6 29.3 43.9



#8

Bis(2-Chloroethyl)ether

Concen: 7.36 ng/ul

RT: 7.239 min Scan# 706

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

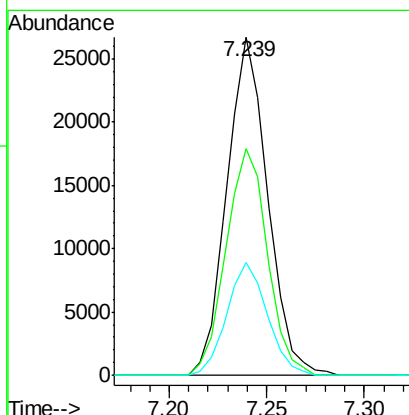
Tgt Ion: 93 Resp: 38632

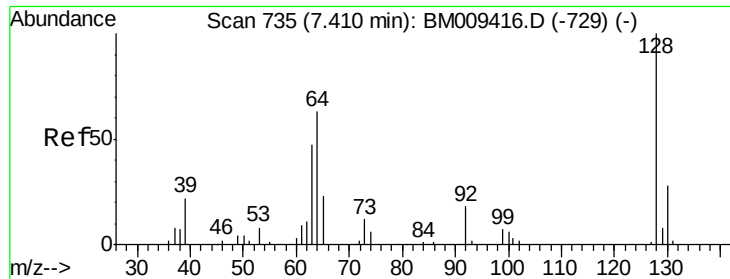
Ion Ratio Lower Upper

93 100

63 67.0 53.5 80.3

95 33.5 26.2 39.2

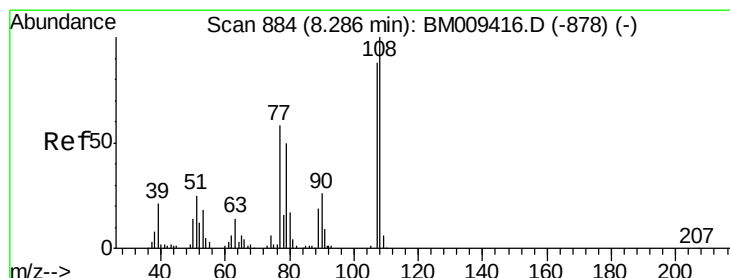
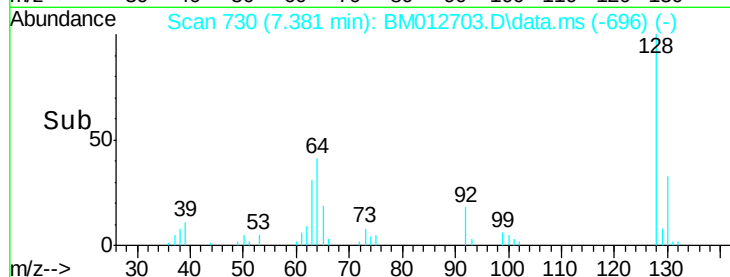
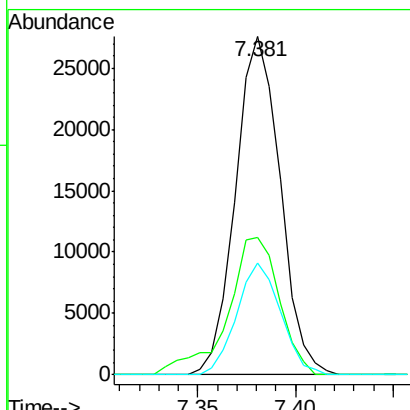
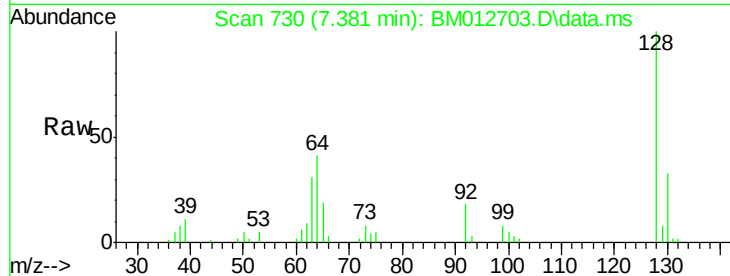




#10
2-Chlorophenol
Concen: 9.66 ng/ul
RT: 7.381 min Scan# 735
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

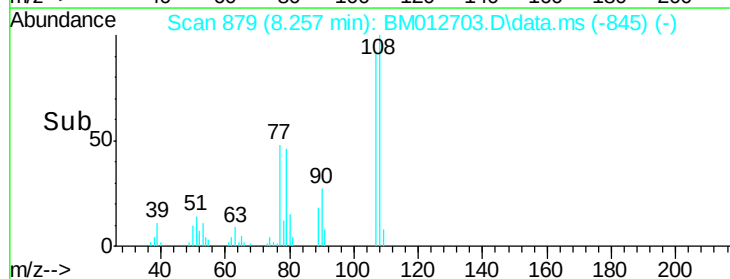
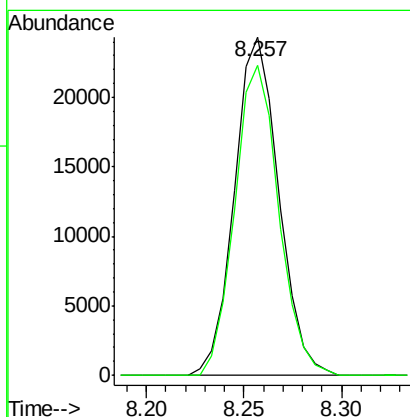
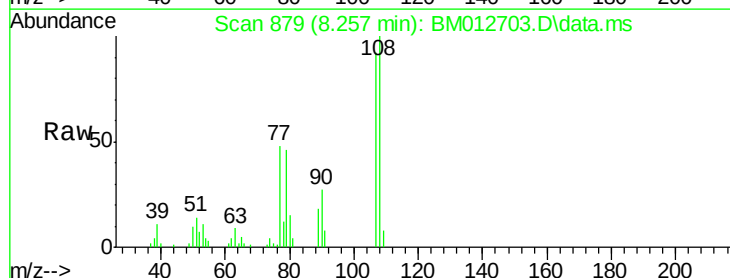
Instrument :
BNA_M
ClientSampleId :
SSTD01088

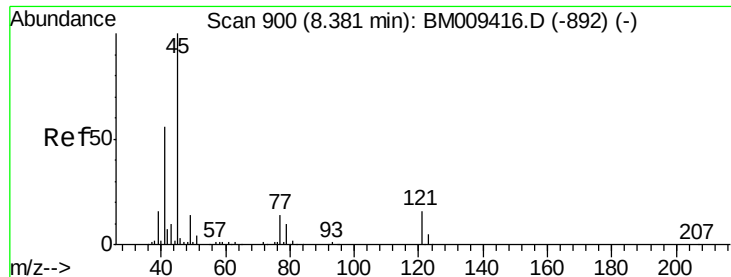
Tot Ion:128 Resp: 43606
Ion Ratio Lower Upper
128 100
64 40.6 31.9 47.9
130 33.0 25.6 38.4



#11
2-Methylphenol
Concen: 8.21 ng/ul
RT: 8.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

Tgt Ion:108 Resp: 38261
Ion Ratio Lower Upper
108 100
107 91.5 72.4 108.6

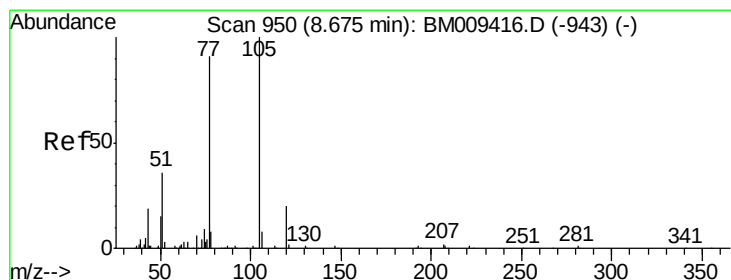
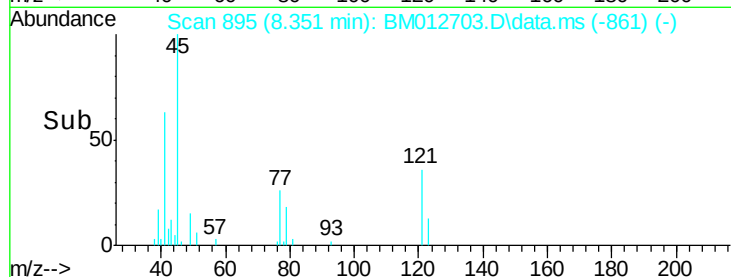
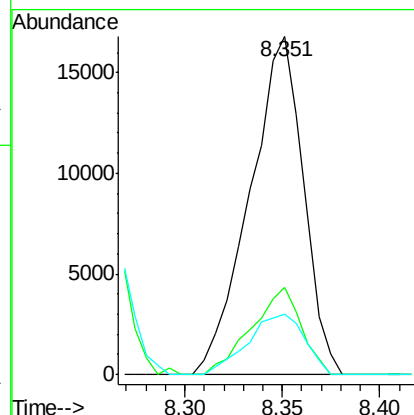
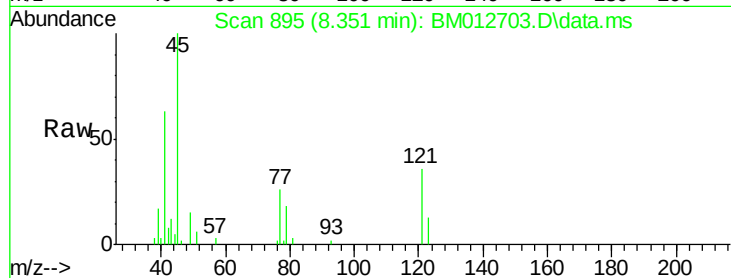




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.75 ng/ul
RT: 8.351 min Scan# 89
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

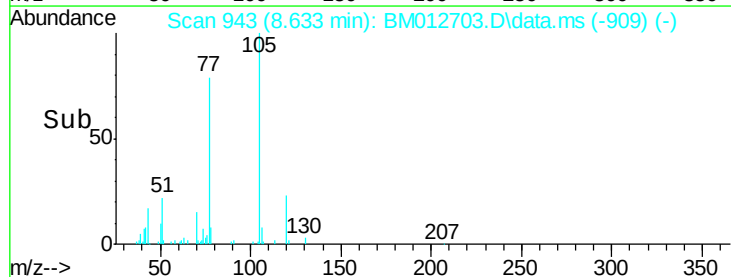
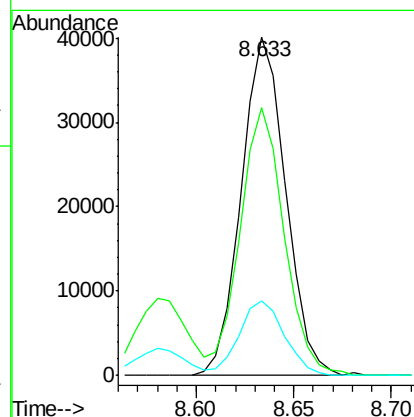
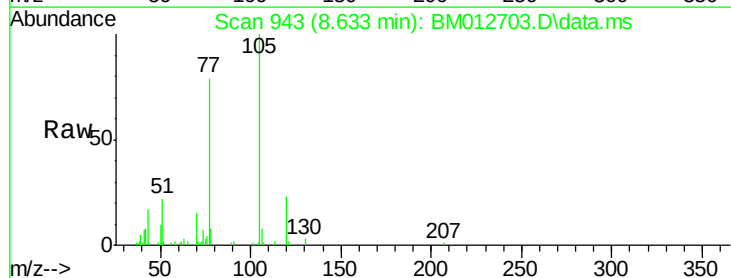
Instrument :
BNA_M
ClientSampleId :
SSTD01088

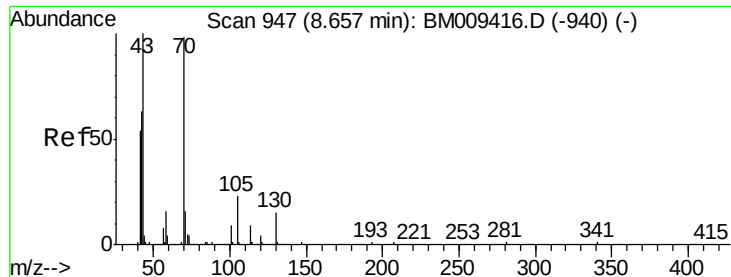
Tot Ion	Ratio	Lower	Upper
45	100		
77	25.7	15.9	23.9#
79	17.9	12.5	18.7



#14
Acetophenone
Concen: 7.86 ng/ul
RT: 8.633 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

Tgt Ion	Ratio	Lower	Upper
105	100		
77	79.0	59.0	88.4
51	22.0	16.4	24.6

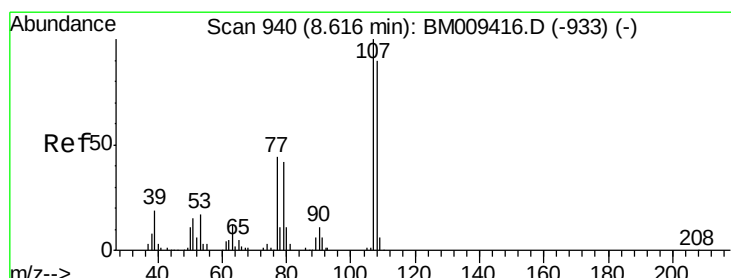
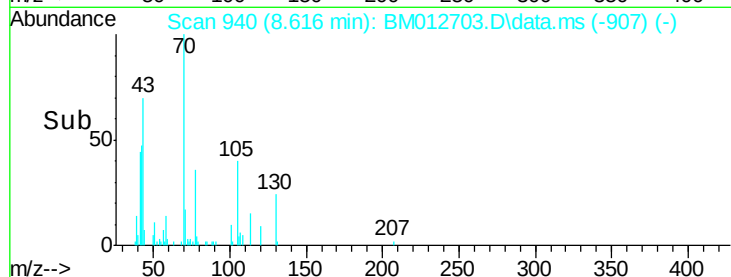
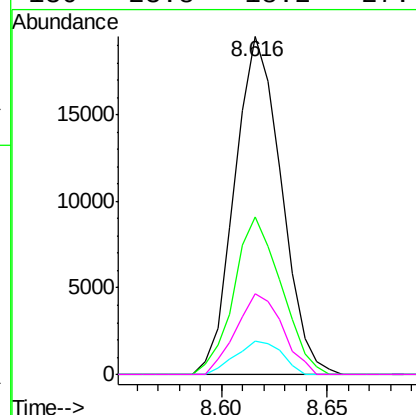
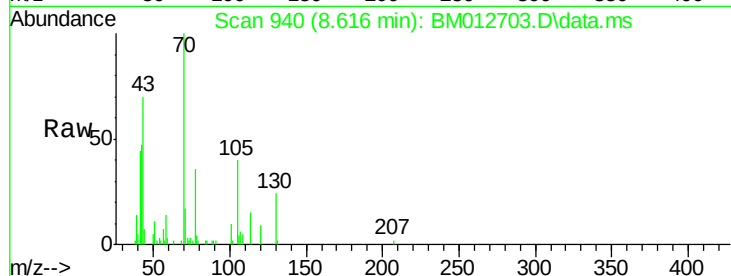




#15
N-Nitroso-di-n-propylamine
Concen: 6.45 ng/ul
RT: 8.616 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

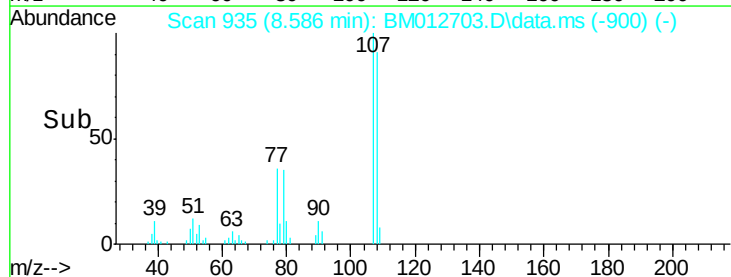
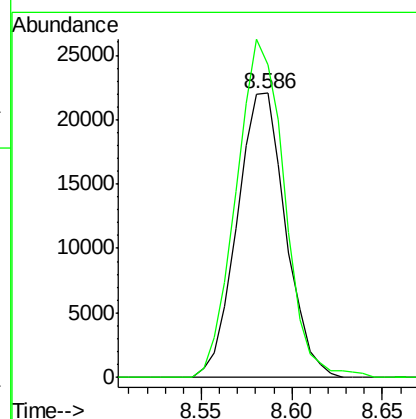
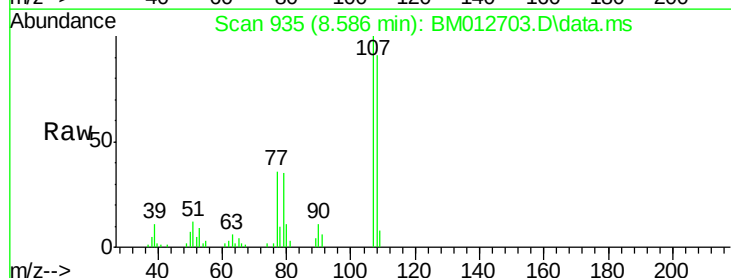
Instrument :
BNA_M
ClientSampleId :
SSTD01088

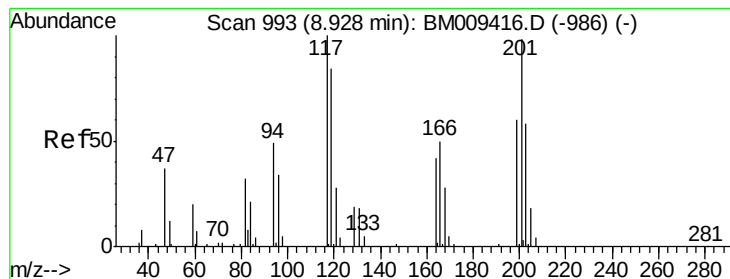
Tot Ion:	70	Resp:	29855
Ion	Ratio	Lower	Upper
70	100		
42	46.7	35.4	53.0
101	9.9	8.4	12.6
130	23.8	18.2	27.4



#16
4-Methylphenol
Concen: 8.12 ng/ul
RT: 8.586 min Scan# 935
Delta R.T. 0.006 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

Tgt Ion:	108	Resp:	41101
Ion	Ratio	Lower	Upper
108	100		
107	110.0	90.3	135.5





#17

Hexachloroethane

Concen: 8.19 ng/ul

RT: 8.892 min Scan# 98

Delta R.T. 0.006 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

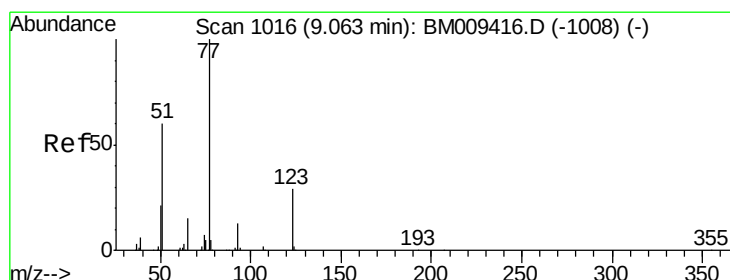
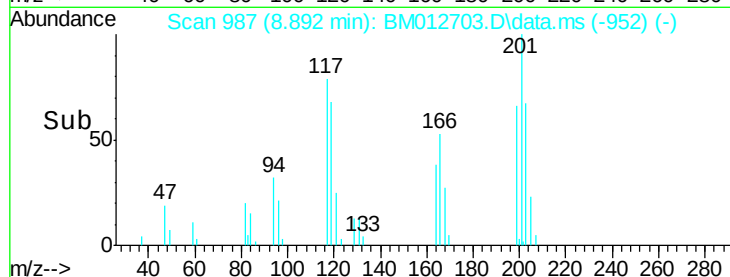
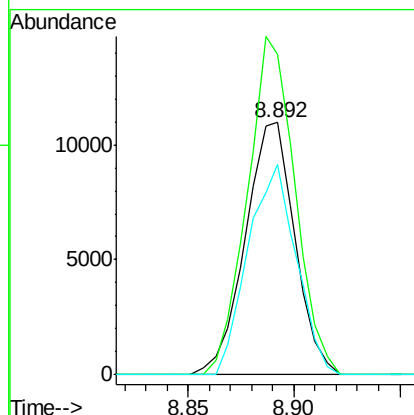
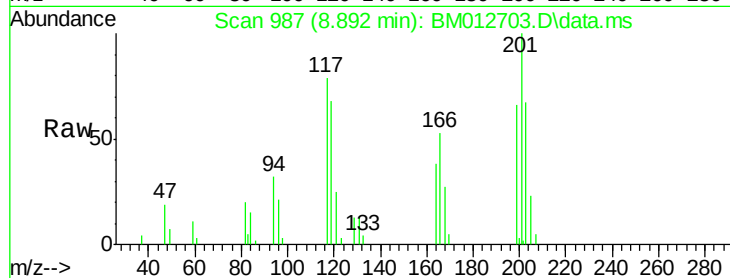
Tot Ion:117 Resp: 17840

Ion Ratio Lower Upper

117 100

201 127.0 81.5 122.3#

199 83.3 50.6 76.0#



#20

Nitrobenzene

Concen: 7.02 ng/ul

RT: 9.010 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

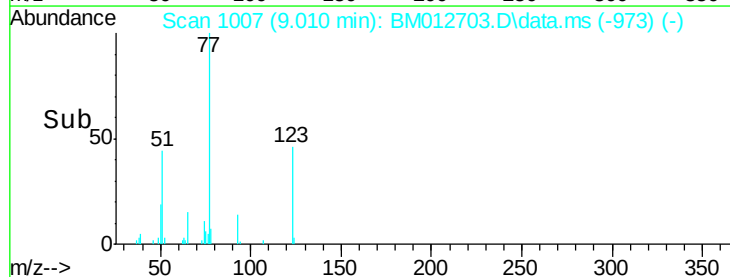
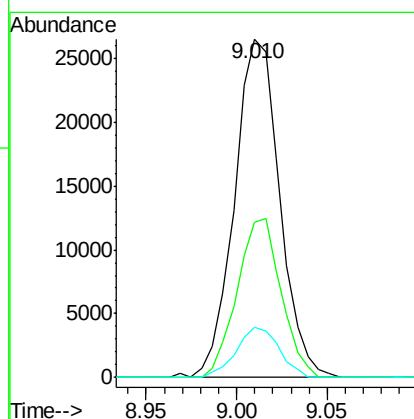
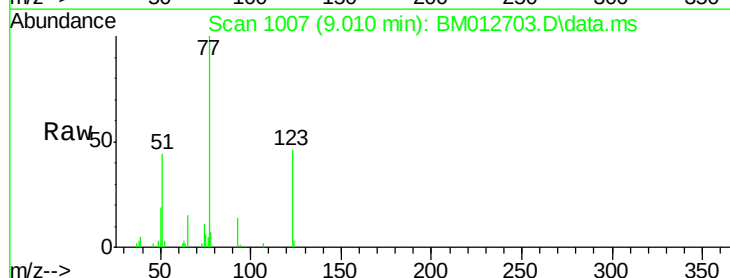
Tgt Ion: 77 Resp: 45895

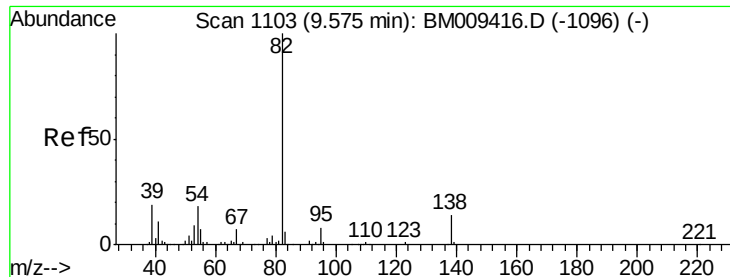
Ion Ratio Lower Upper

77 100

123 45.9 39.0 58.4

65 14.8 10.4 15.6





#21

Isophorone

Concen: 7.37 ng/ul

RT: 9.539 min Scan# 10

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

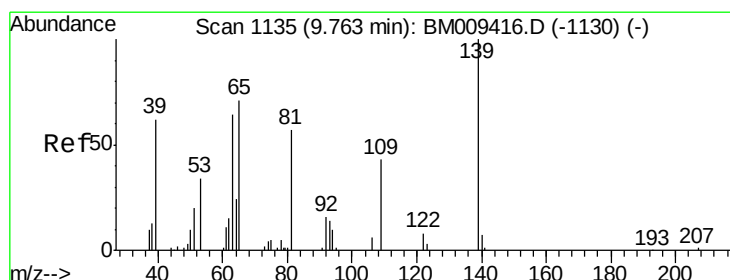
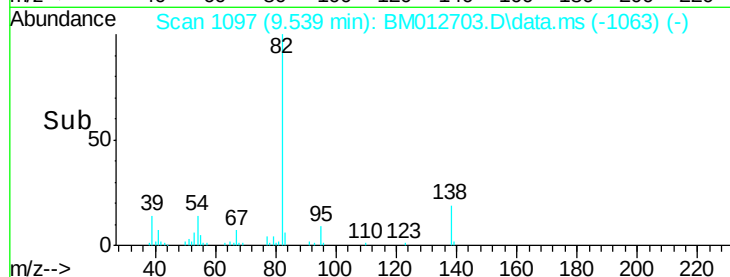
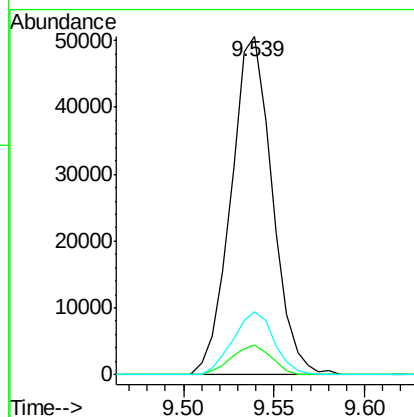
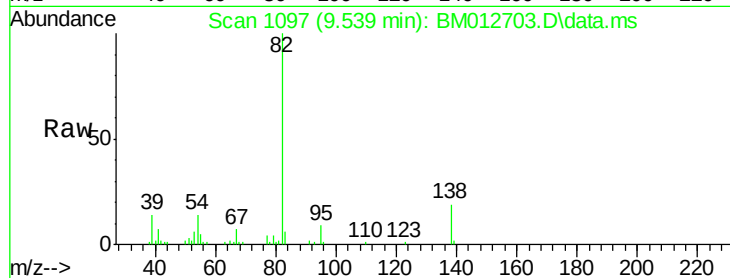
Tot Ion: 82 Resp: 80115

Ion Ratio Lower Upper

82 100

95 8.8 6.4 9.6

138 18.6 14.9 22.3



#23

2-Nitrophenol

Concen: 10.32 ng/ul

RT: 9.722 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

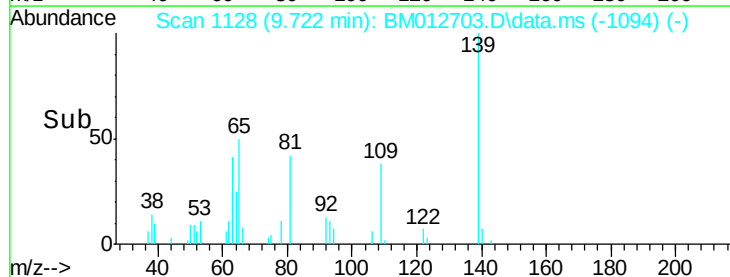
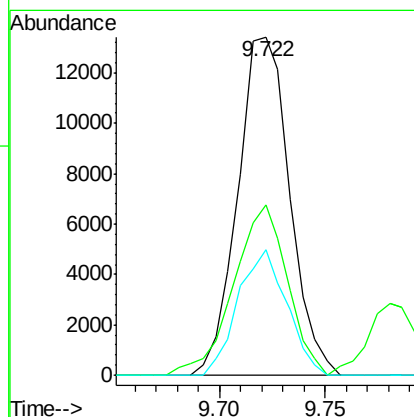
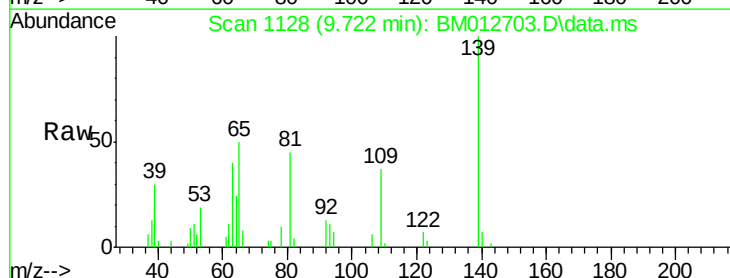
Tgt Ion: 139 Resp: 22930

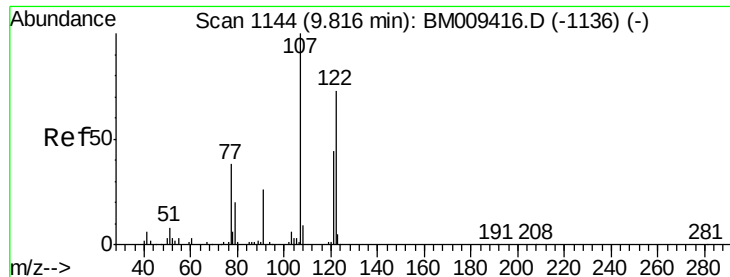
Ion Ratio Lower Upper

139 100

65 50.5 36.3 54.5

109 37.0 26.4 39.6

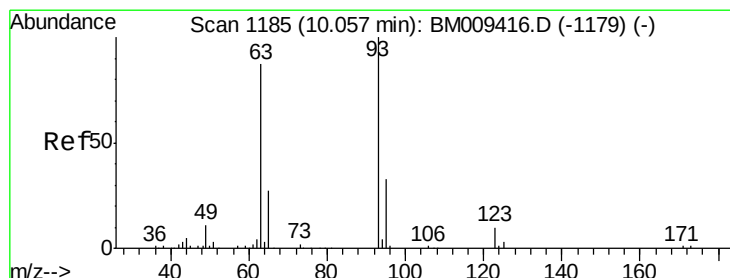
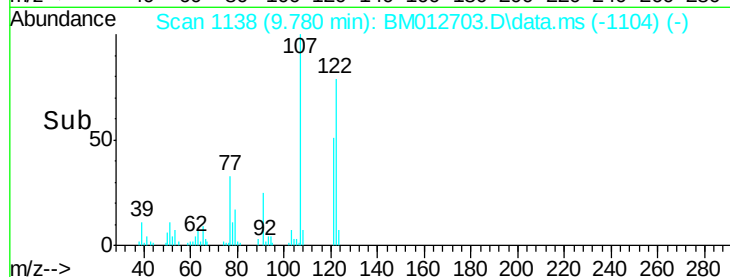
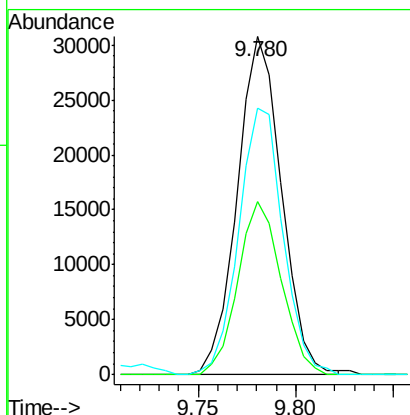
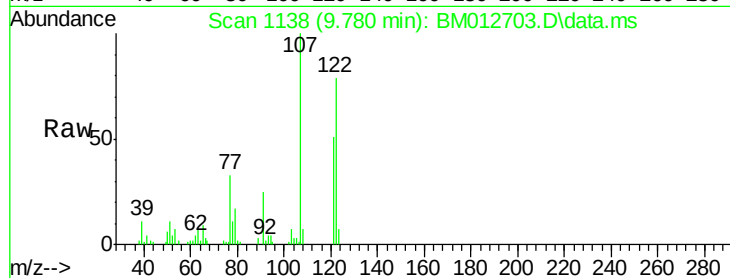




#24
2,4-Dimethylphenol
Concen: 8.80 ng/ul
RT: 9.780 min Scan# 111
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

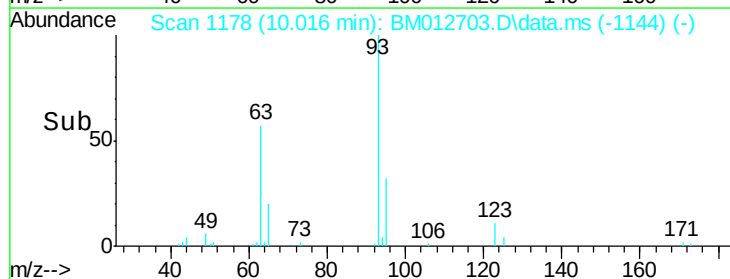
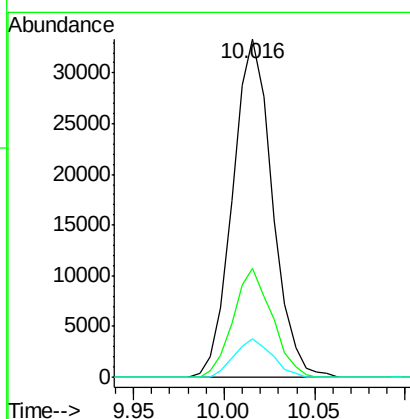
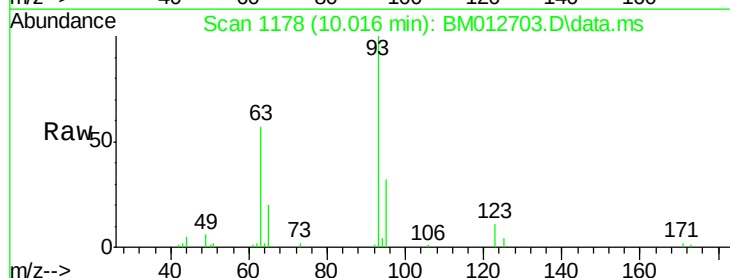
Instrument :
BNA_M
ClientSampleId :
SSTD01088

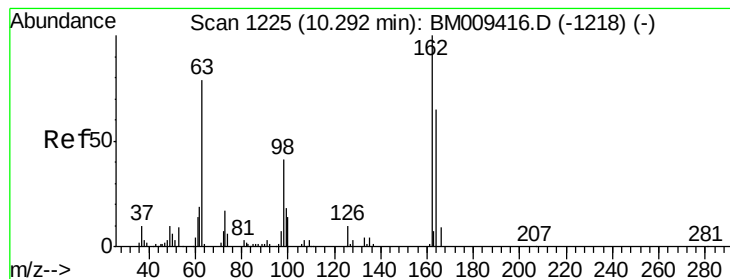
Tot Ion	Ratio	Lower	Upper
107	100		
121	51.3	40.6	61.0
122	79.0	67.8	101.6



#25
Bis(2-Chloroethoxy)methane
Concen: 8.06 ng/ul
RT: 10.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.8
123	11.4	9.8	14.8





#27

2,4-Dichlorophenol

Concen: 10.84 ng/ul

RT: 10.251 min Scan# 12

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

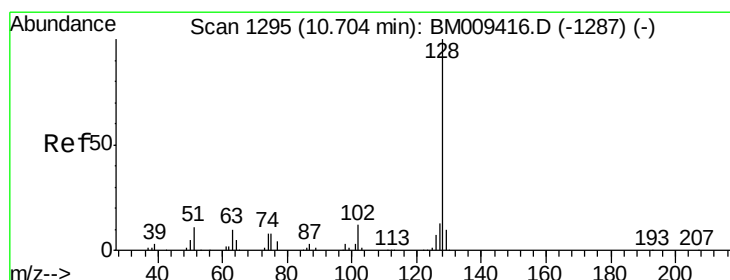
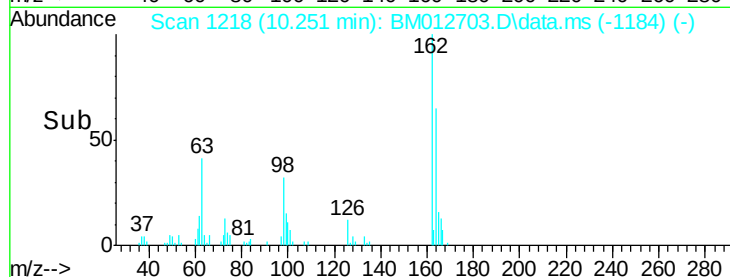
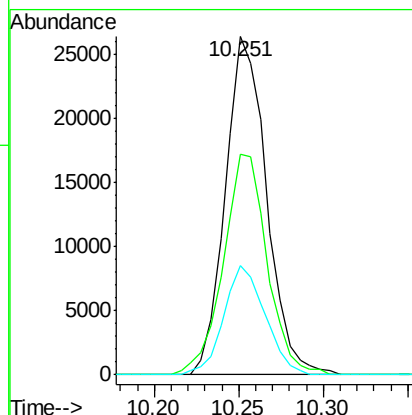
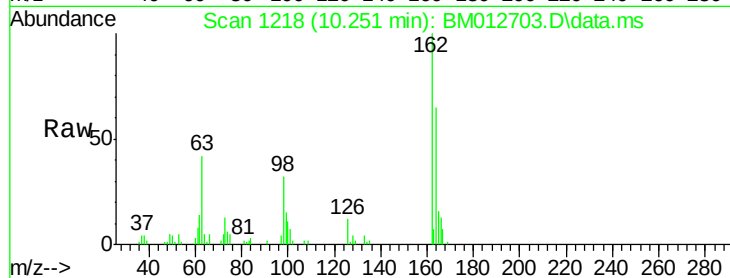
Tot Ion:162 Resp: 44930

Ion Ratio Lower Upper

162 100

164 65.1 52.1 78.1

98 32.3 28.4 42.6



#28

Naphthalene

Concen: 10.00 ng/ul

RT: 10.651 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

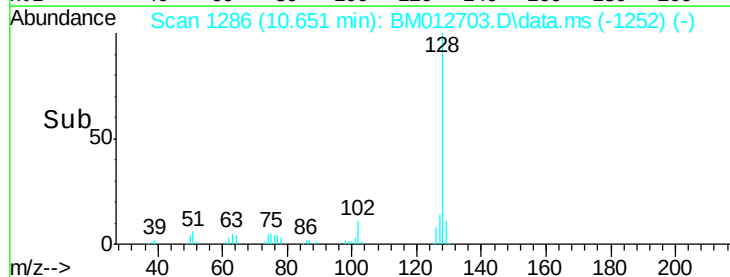
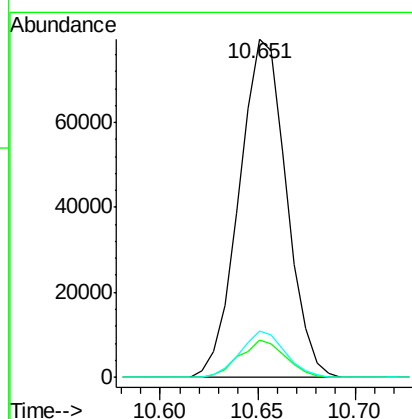
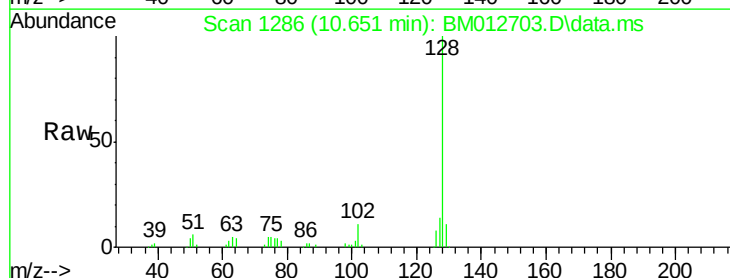
Tgt Ion:128 Resp: 133459

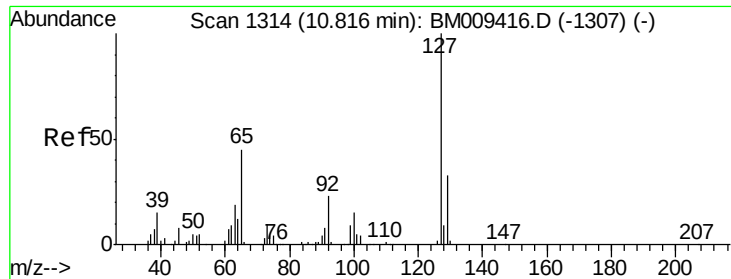
Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.8 10.5 15.7

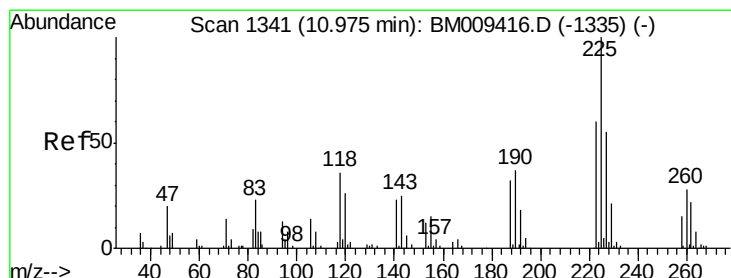
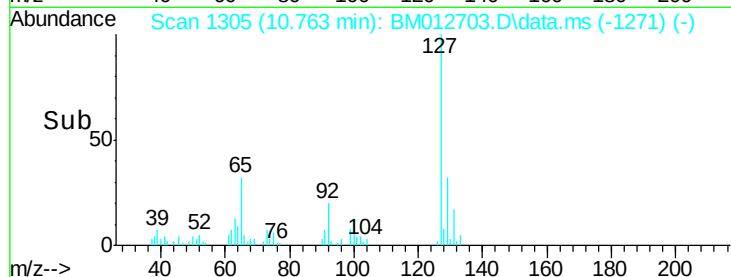
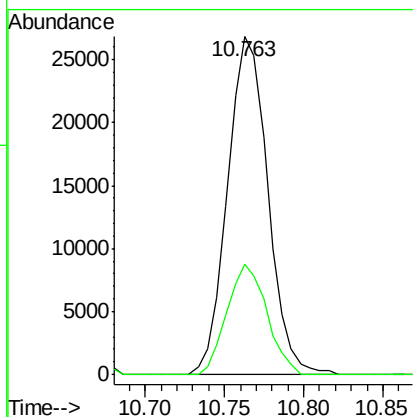
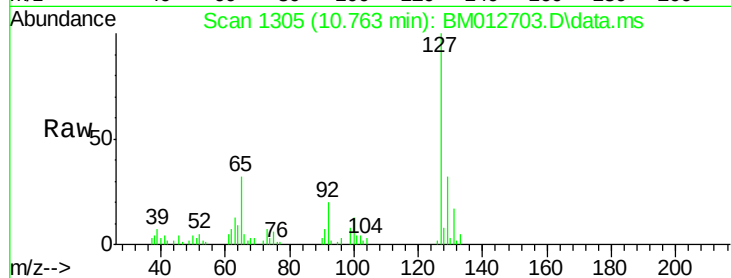




#30
4-Chloroaniline
Concen: 9.44 ng/ul
RT: 10.763 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

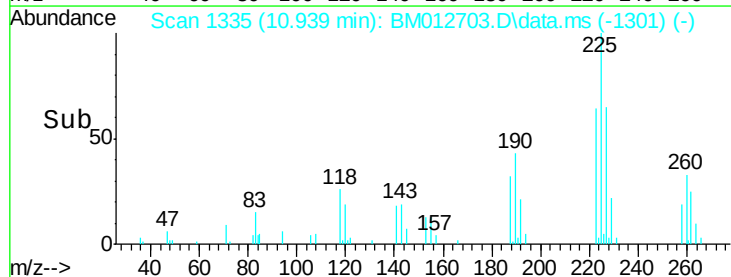
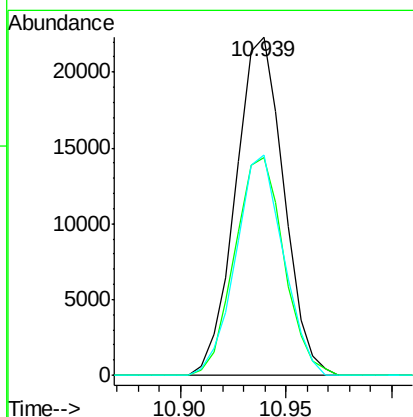
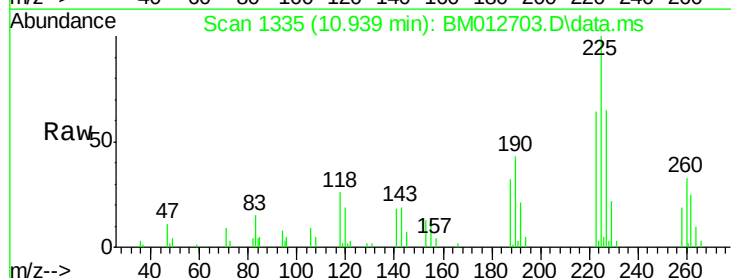
Instrument :
BNA_M
ClientSampleId :
SSTD01088

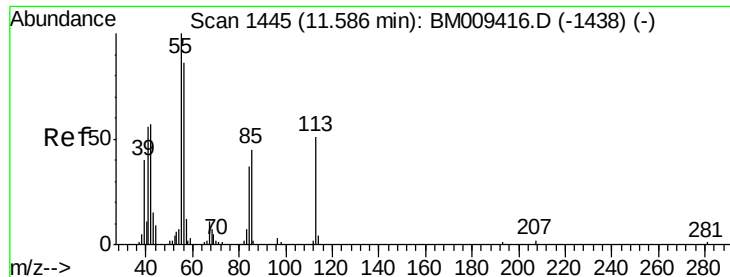
Tot Ion:127 Resp: 47362
Ion Ratio Lower Upper
127 100
129 32.5 25.4 38.2



#31
Hexachlorobutadiene
Concen: 10.89 ng/ul
RT: 10.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

Tgt Ion:225 Resp: 35372
Ion Ratio Lower Upper
225 100
223 64.3 51.4 77.2
227 65.3 50.7 76.1





#32

Caprolactam

Concen: 8.96 ng/ul

RT: 11.545 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

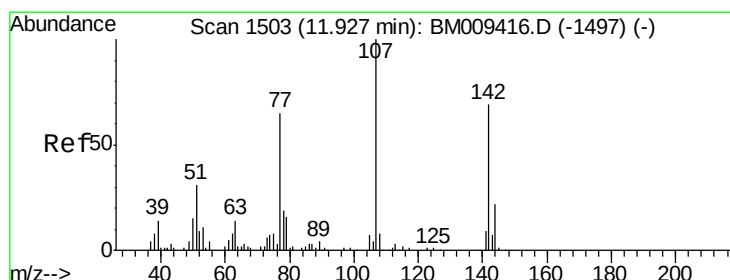
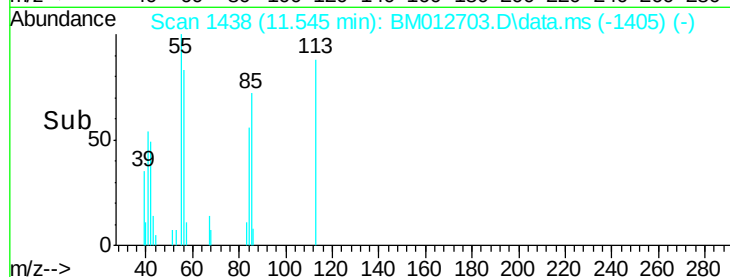
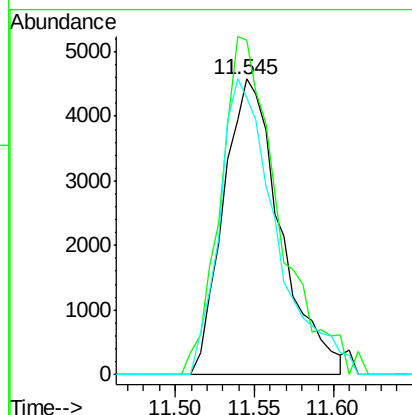
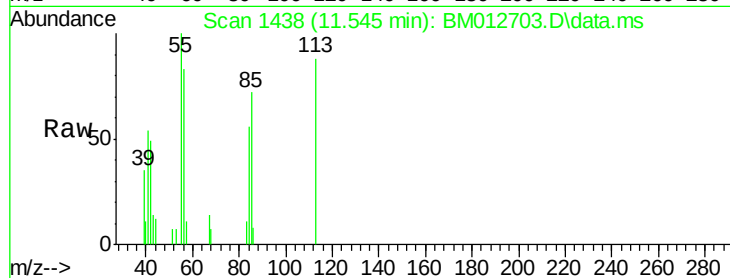
Tot Ion:113 Resp: 11453

Ion Ratio Lower Upper

113 100

55 113.3 101.9 152.9

56 93.7 81.2 121.8



#33

4-Chloro-3-methylphenol

Concen: 9.09 ng/ul

RT: 11.892 min Scan# 1497

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

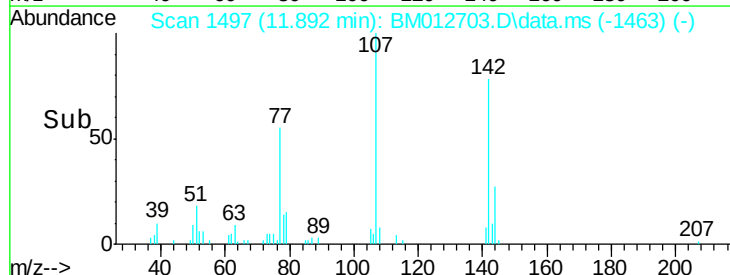
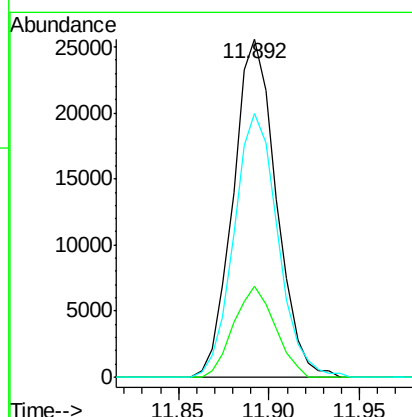
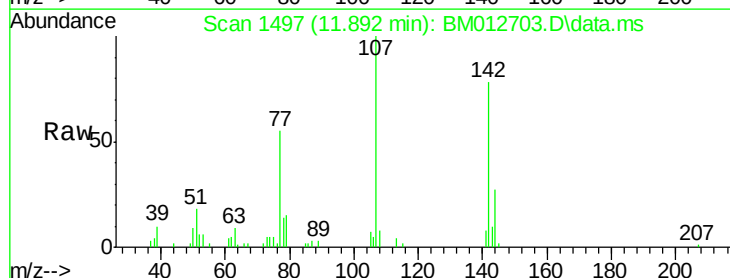
Tgt Ion:107 Resp: 42312

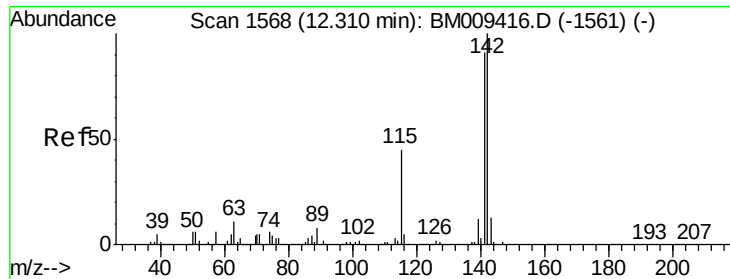
Ion Ratio Lower Upper

107 100

144 27.0 20.4 30.6

142 78.2 62.5 93.7

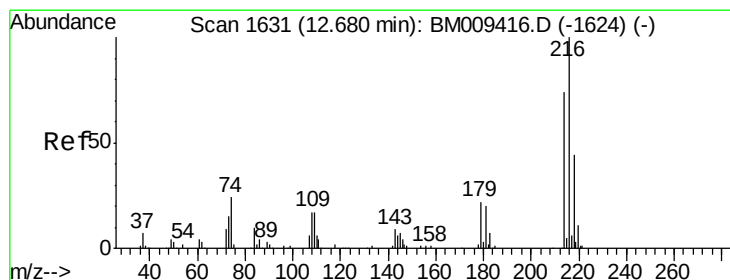
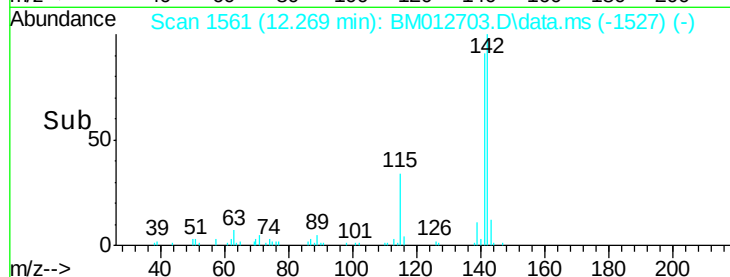
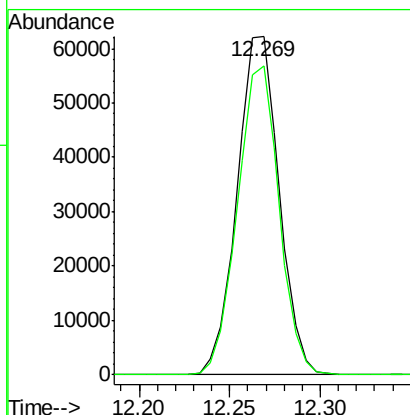
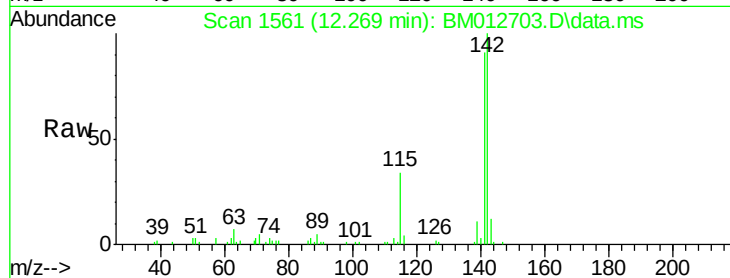




#34
 2-Methylnaphthalene
 Concen: 10.43 ng/ul
 RT: 12.269 min Scan# 1568
 Delta R.T. -0.000 min
 Lab File: BM012703.D
 Acq: 04 Nov 2017 12:31

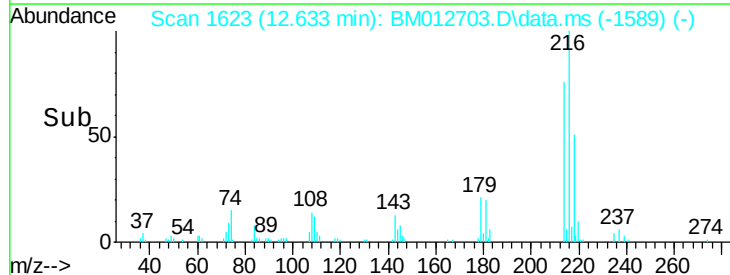
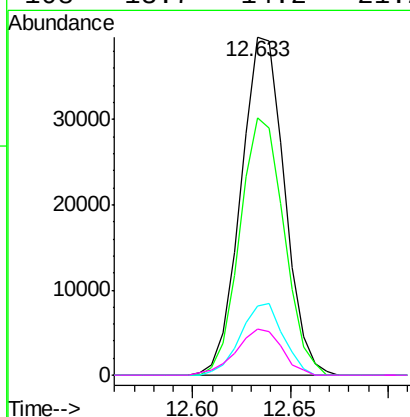
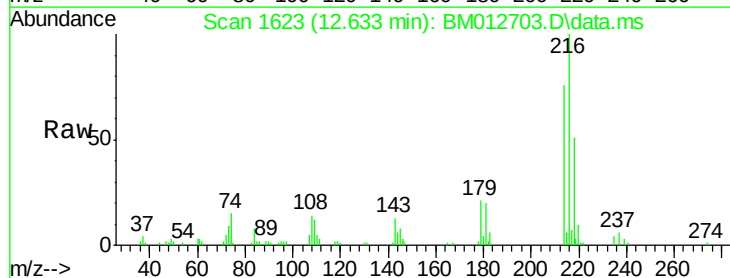
Instrument :
 BNA_M
 ClientSampleId :
 SSTD01088

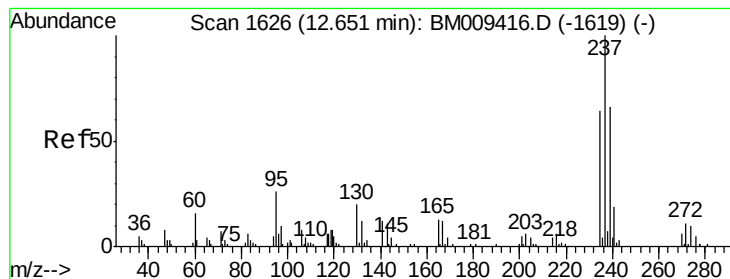
Tot Ion:142 Resp: 100343
 Ion Ratio Lower Upper
 142 100
 141 91.1 71.6 107.4



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.61 ng/ul
 RT: 12.633 min Scan# 1623
 Delta R.T. -0.000 min
 Lab File: BM012703.D
 Acq: 04 Nov 2017 12:31

Tgt Ion:216 Resp: 61628
 Ion Ratio Lower Upper
 216 100
 214 76.2 62.5 93.7
 179 20.5 18.2 27.2
 108 13.7 14.2 21.2#





#37

Hexachlorocyclopentadiene

Concen: 6.51 ng/ul

RT: 12.616 min Scan# 161

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

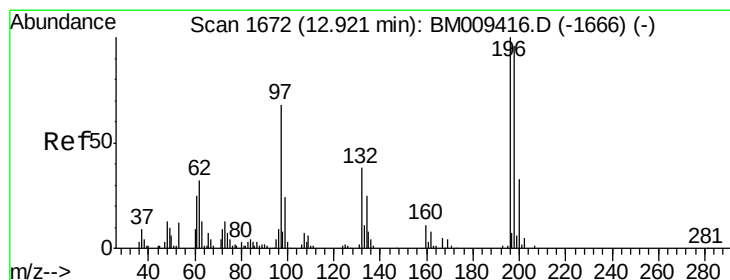
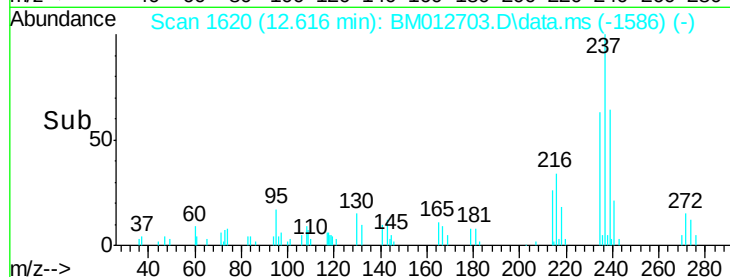
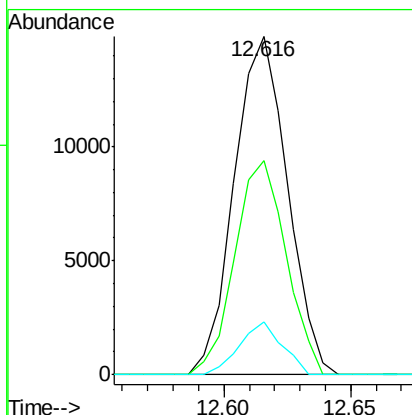
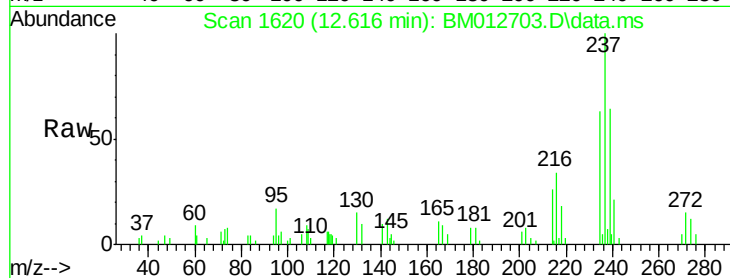
Tot Ion:237 Resp: 21673

Ion Ratio Lower Upper

237 100

235 63.4 50.4 75.6

272 15.4 9.6 14.4#



#38

2,4,6-Trichlorophenol

Concen: 12.08 ng/ul

RT: 12.880 min Scan# 1665

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

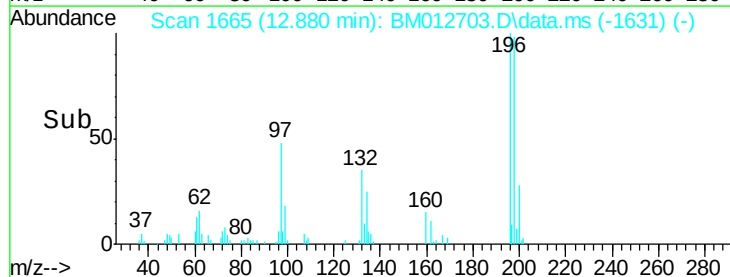
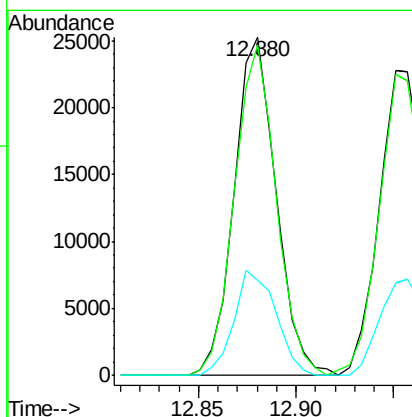
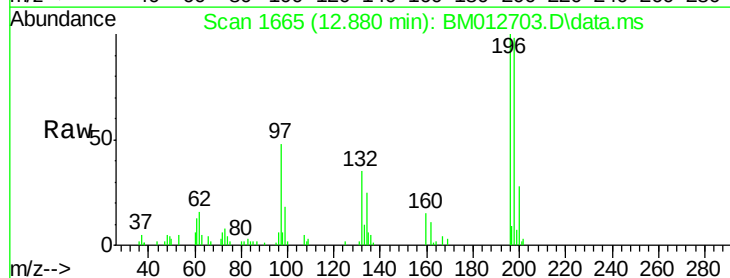
Tgt Ion:196 Resp: 37539

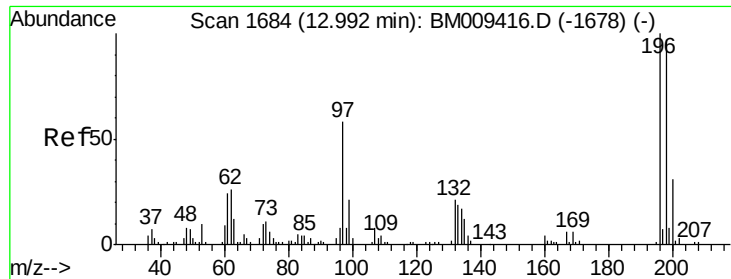
Ion Ratio Lower Upper

196 100

198 97.7 76.6 114.8

200 28.1 24.7 37.1

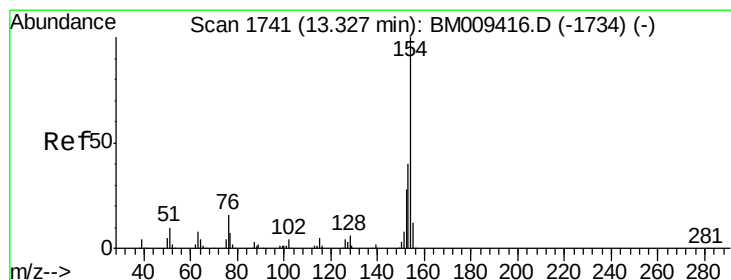
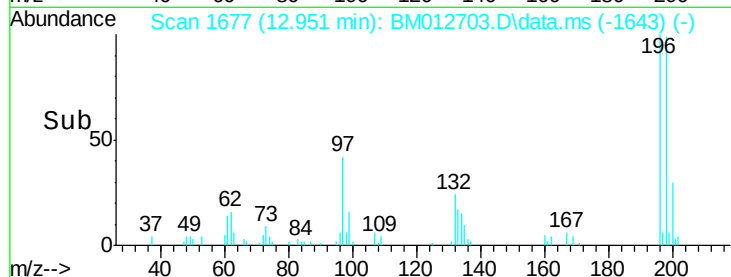
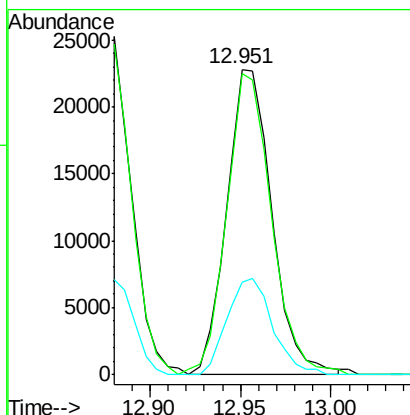
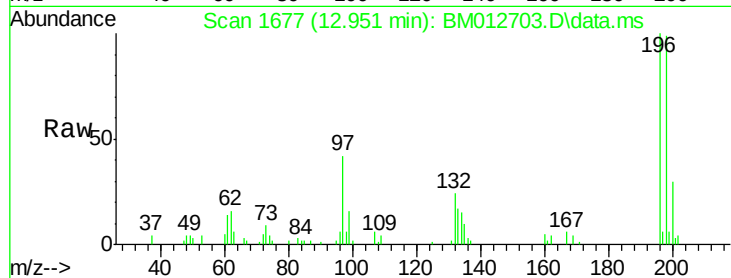




#39
 2,4,5-Trichlorophenol
 Concen: 11.77 ng/ul
 RT: 12.951 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: BM012703.D
 Acq: 04 Nov 2017 12:31

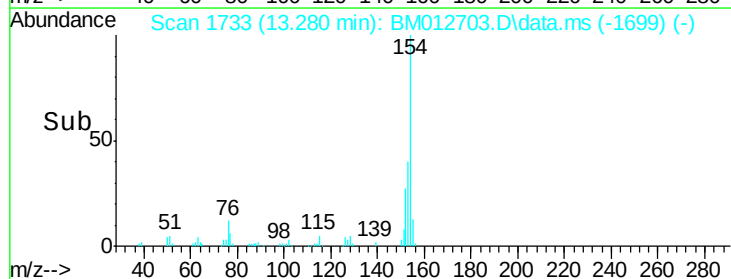
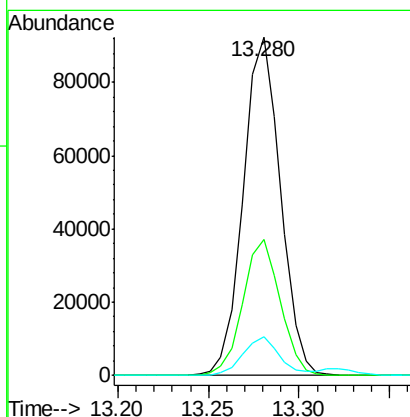
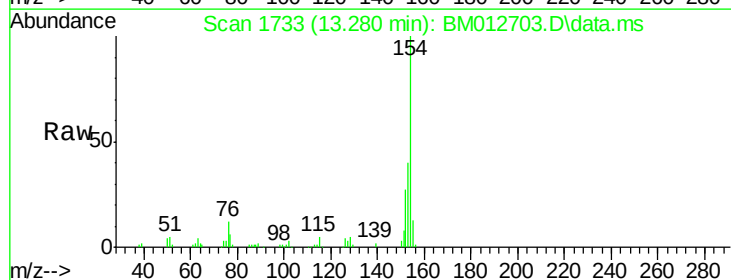
Instrument :
 BNA_M
 ClientSampleId :
 SSTD01088

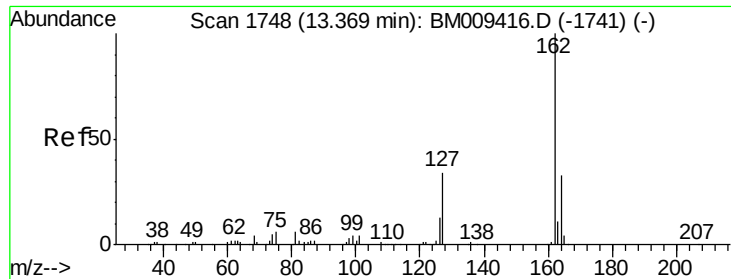
Tot Ion:196 Resp: 39450
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.9 115.3
 200 30.3 25.0 37.4



#40
 1,1'-Biphenyl
 Concen: 11.29 ng/ul
 RT: 13.280 min Scan# 1733
 Delta R.T. -0.000 min
 Lab File: BM012703.D
 Acq: 04 Nov 2017 12:31

Tgt Ion:154 Resp: 131815
 Ion Ratio Lower Upper
 154 100
 153 40.3 32.1 48.1
 76 11.5 9.5 14.3

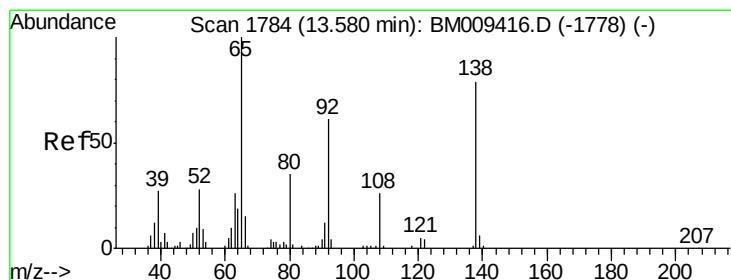
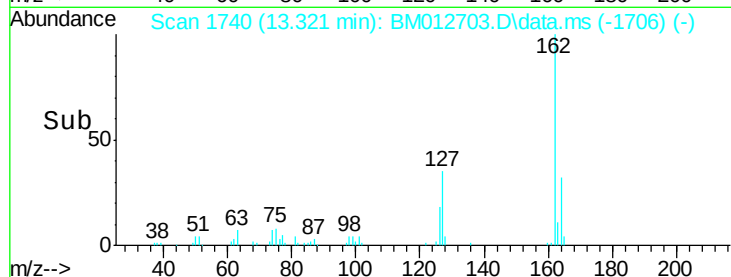
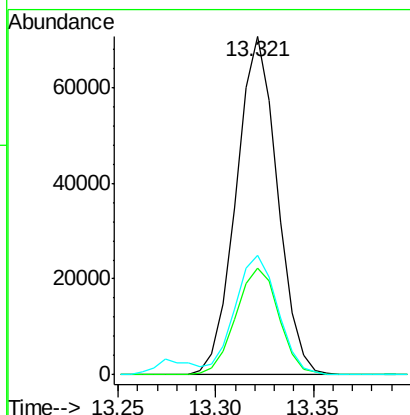
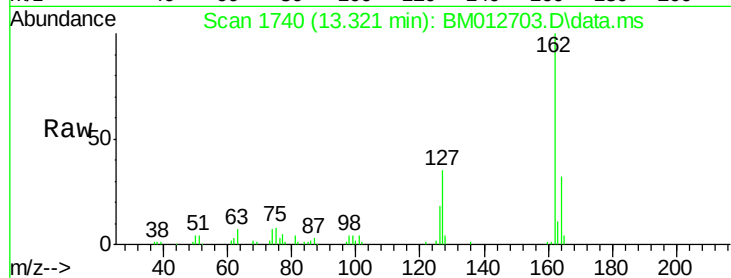




#41
 2-Chloronaphthalene
 Concen: 11.41 ng/ul
 RT: 13.321 min Scan# 1748
 Delta R.T. -0.000 min
 Lab File: BM012703.D
 Acq: 04 Nov 2017 12:31

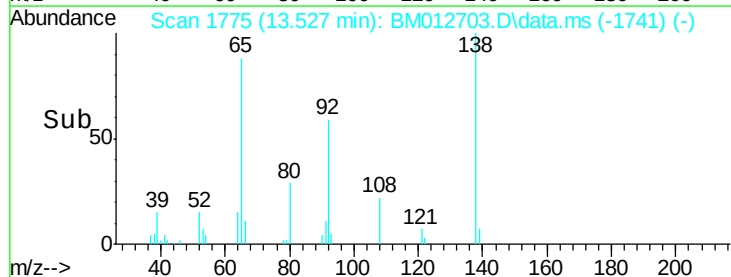
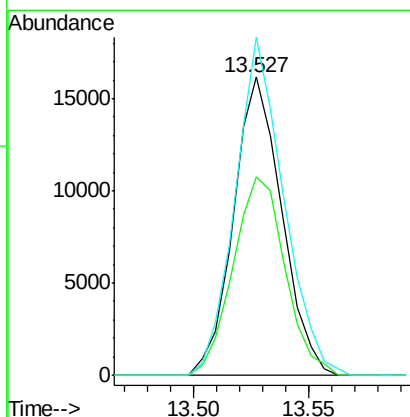
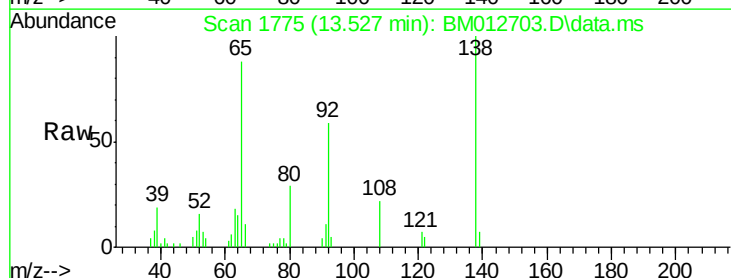
Instrument :
 BNA_M
 ClientSampleId :
 SSTD01088

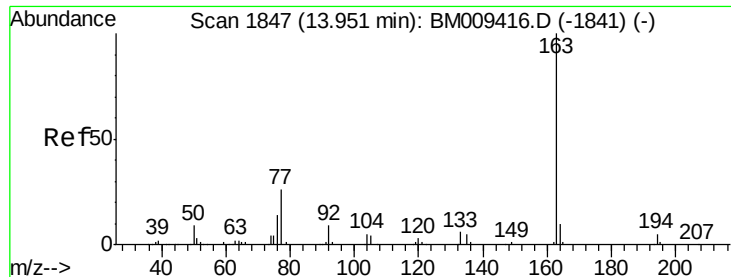
Tot Ion	Ratio	Lower	Upper
162	100		
164	31.6	25.9	38.9
127	35.3	34.1	51.1



#42
 2-Nitroaniline
 Concen: 7.03 ng/ul
 RT: 13.527 min Scan# 1775
 Delta R.T. -0.000 min
 Lab File: BM012703.D
 Acq: 04 Nov 2017 12:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	60.4	90.6
138	113.3	99.8	149.6





#44

Dimethylphthalate

Concen: 11.70 ng/ul

RT: 13.904 min Scan# 18

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

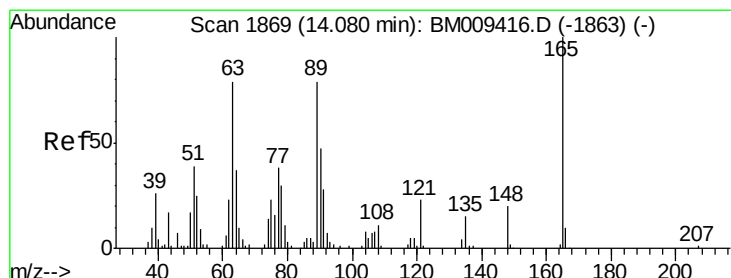
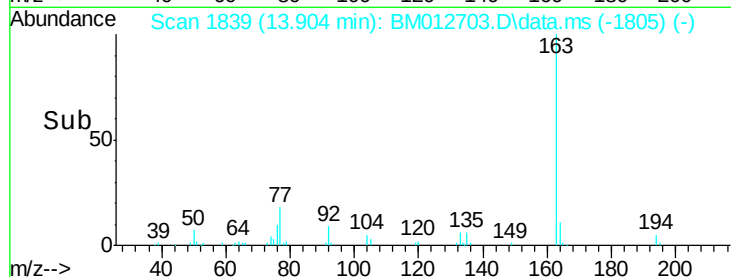
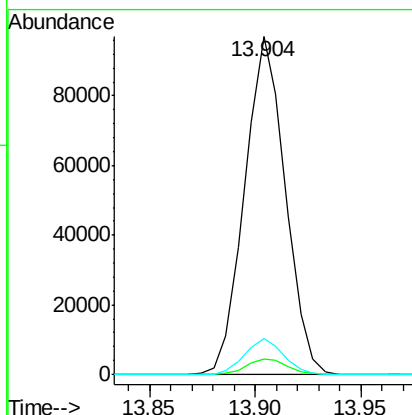
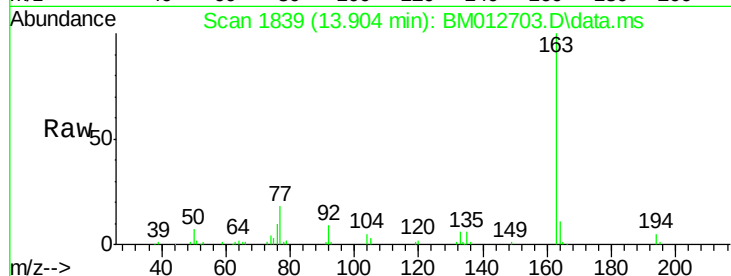
Tot Ion:163 Resp: 129618

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

164 10.5 7.8 11.8



#45

2,6-Dinitrotoluene

Concen: 11.63 ng/ul

RT: 14.027 min Scan# 1860

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

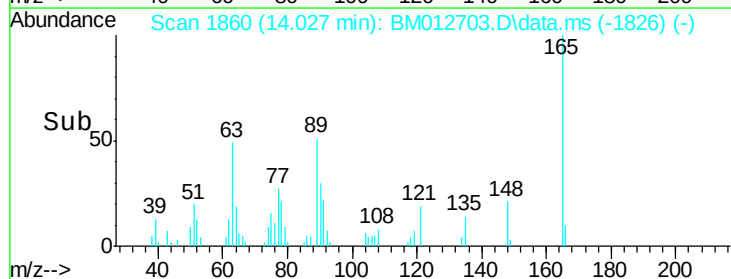
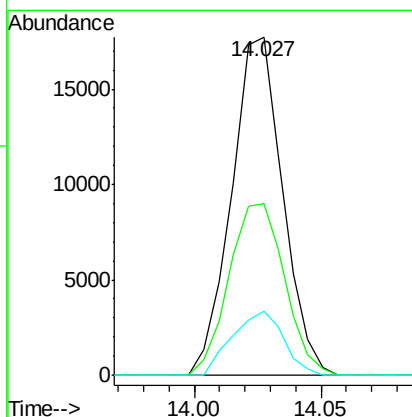
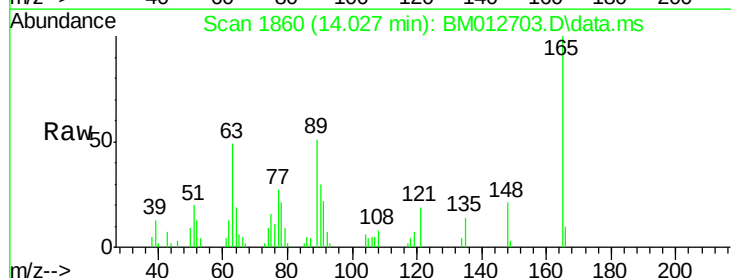
Tgt Ion:165 Resp: 24913

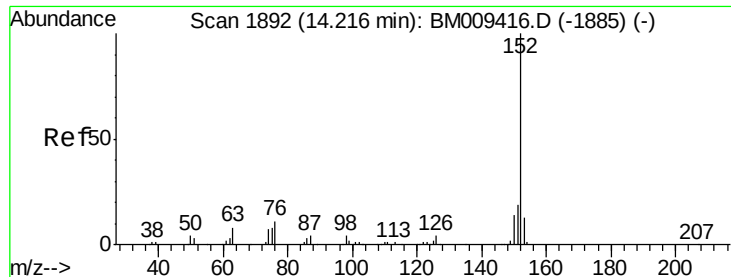
Ion Ratio Lower Upper

165 100

89 50.7 42.4 63.6

121 18.8 16.6 24.8





#47

Acenaphthylene

Concen: 11.25 ng/ul

RT: 14.168 min Scan# 18

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

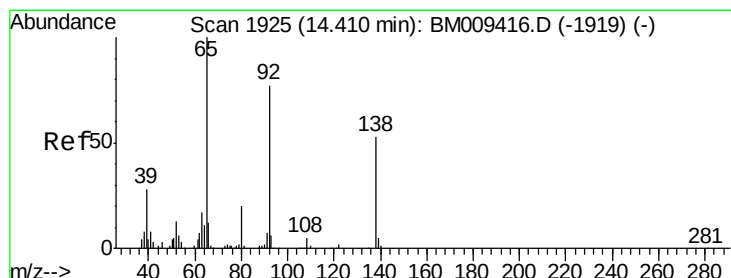
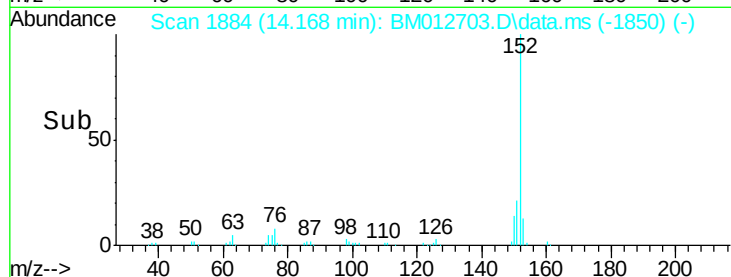
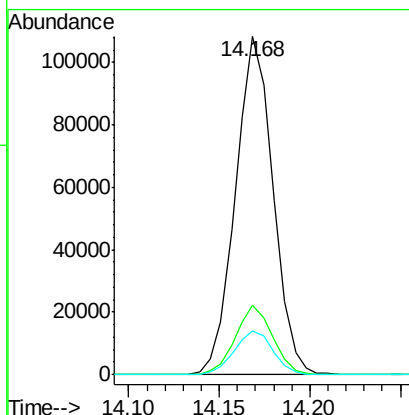
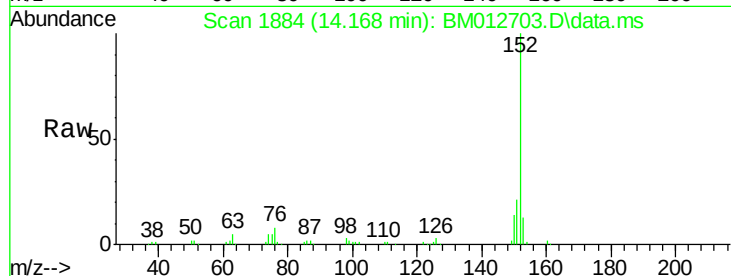
Tot Ion:152 Resp: 156169

Ion Ratio Lower Upper

152 100

151 20.6 15.7 23.5

153 13.1 10.5 15.7



#48

3-Nitroaniline

Concen: 9.43 ng/ul

RT: 14.357 min Scan# 1916

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

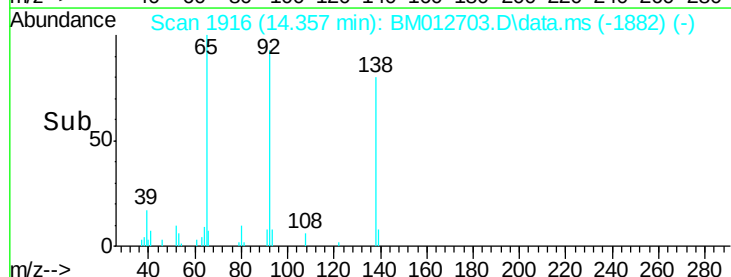
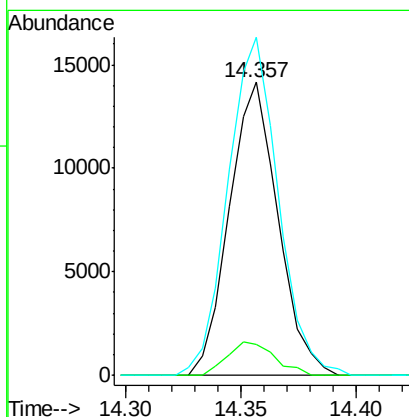
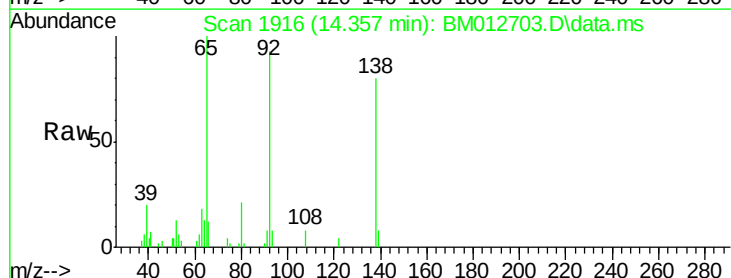
Tgt Ion:138 Resp: 20817

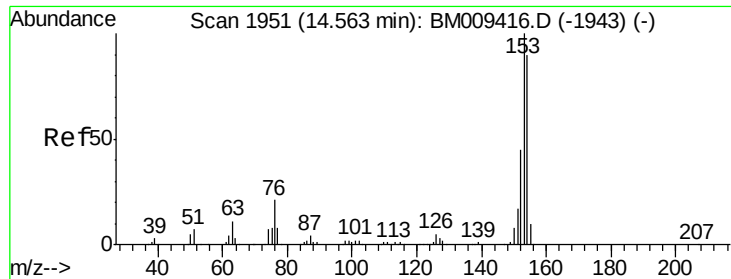
Ion Ratio Lower Upper

138 100

108 10.4 8.7 13.1

92 115.4 88.2 132.4





#49

Acenaphthene

Concen: 11.02 ng/ul

RT: 14.510 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

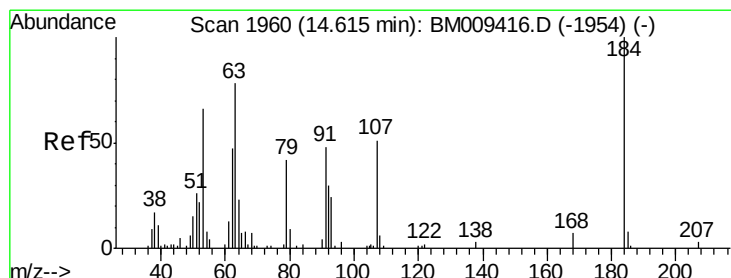
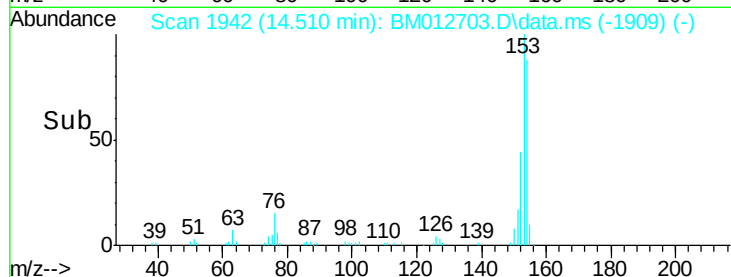
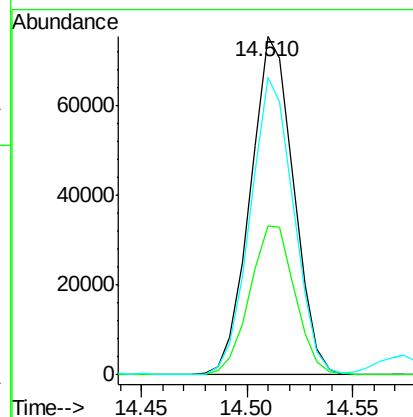
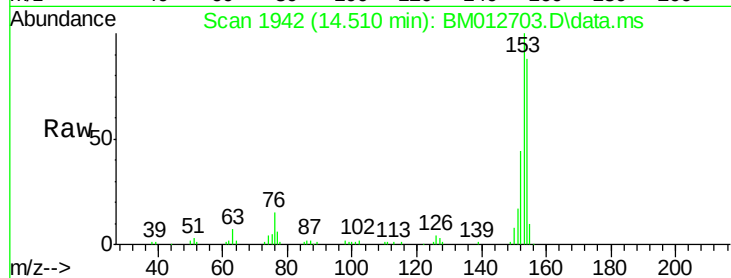
Tot Ion:153 Resp: 107414

Ion Ratio Lower Upper

153 100

152 44.0 38.3 57.5

154 87.8 71.8 107.8



#50

2,4-Dinitrophenol

Concen: 8.22 ng/ul

RT: 14.574 min Scan# 1953

Delta R.T. 0.006 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

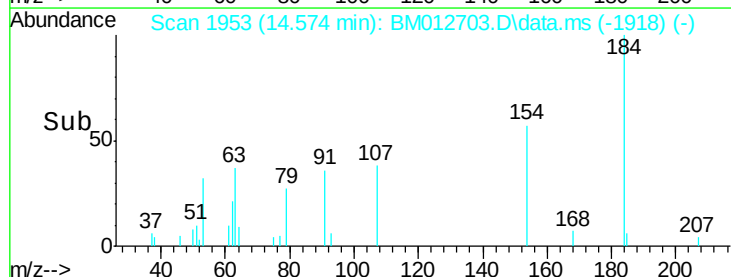
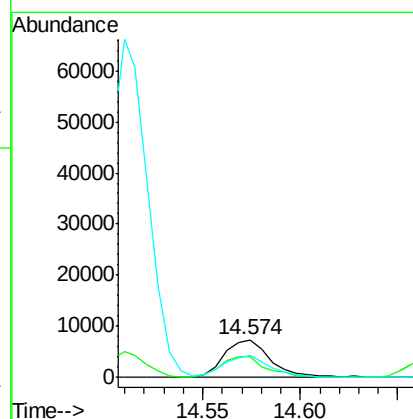
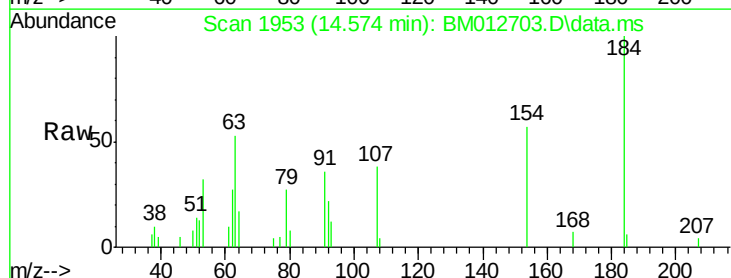
Tgt Ion:184 Resp: 12090

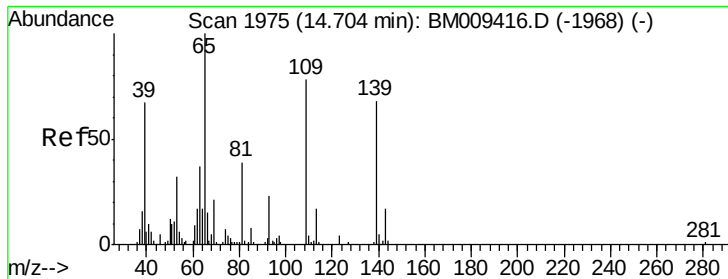
Ion Ratio Lower Upper

184 100

63 53.5 46.5 69.7

154 56.8 54.6 82.0





#52

4-Nitrophenol

Concen: 7.38 ng/ul

RT: 14.668 min Scan# 19

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

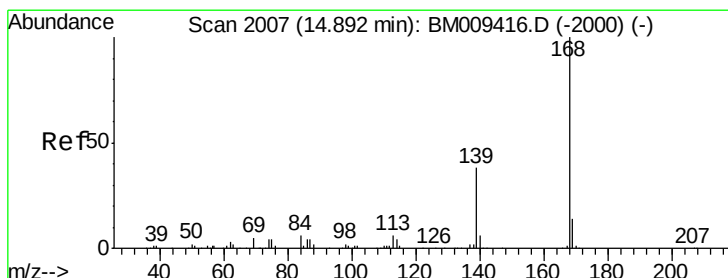
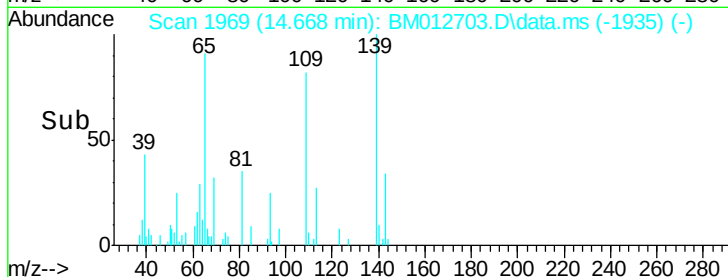
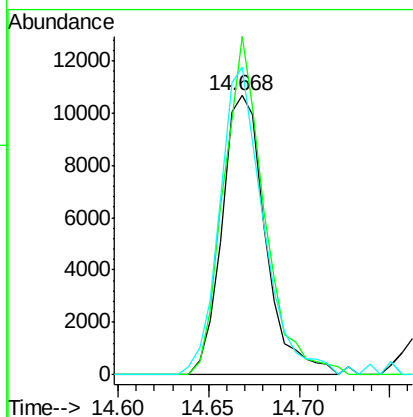
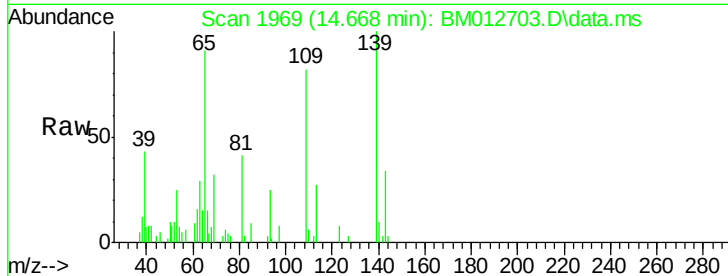
Tot Ion:109 Resp: 17701

Ion Ratio Lower Upper

109 100

139 121.3 103.7 155.5

65 110.3 89.4 134.2



#53

Dibenzofuran

Concen: 11.12 ng/ul

RT: 14.845 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BM012703.D

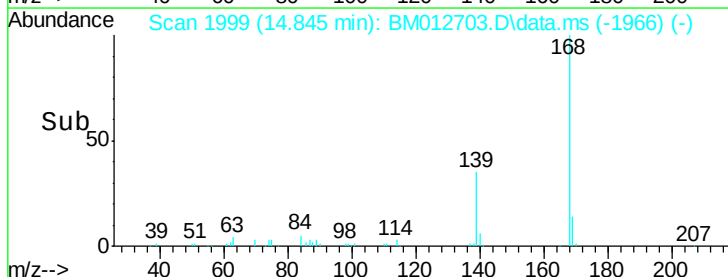
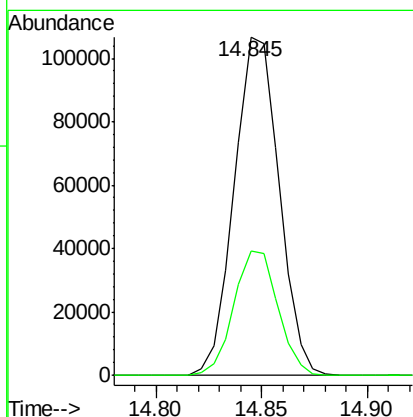
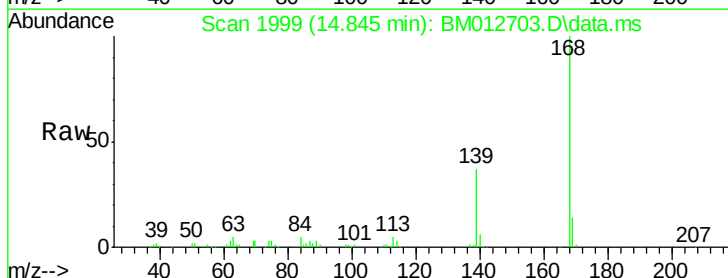
Acq: 04 Nov 2017 12:31

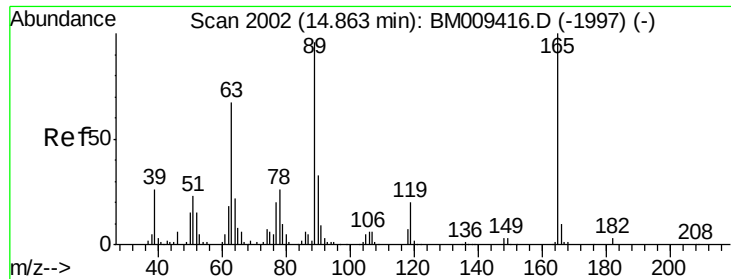
Tgt Ion:168 Resp: 157097

Ion Ratio Lower Upper

168 100

139 36.8 32.2 48.2

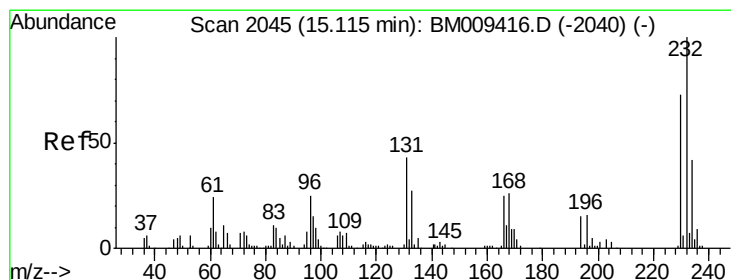
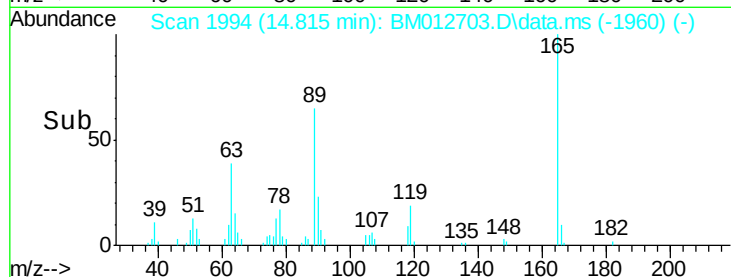
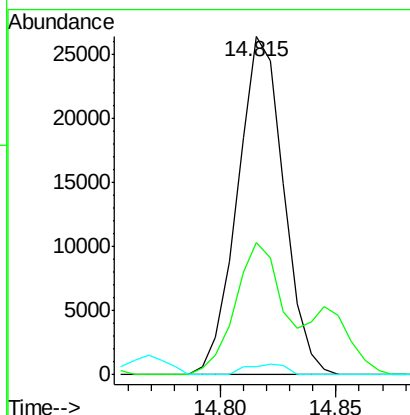
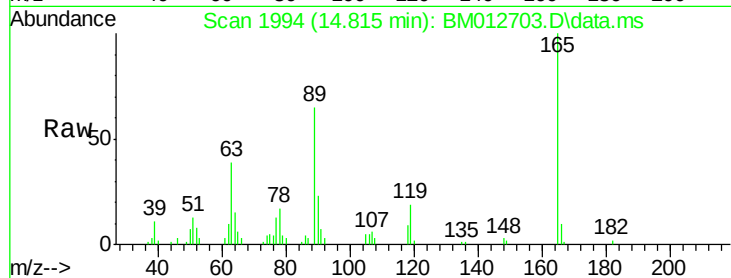




#54
 2,4-Dinitrotoluene
 Concen: 11.46 ng/ul
 RT: 14.815 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: BM012703.D
 Acq: 04 Nov 2017 12:31

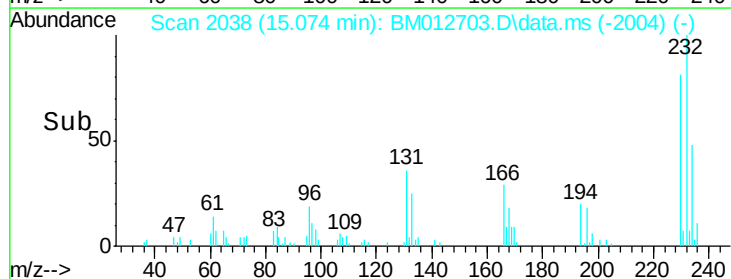
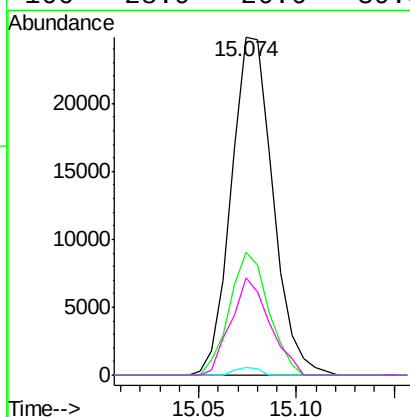
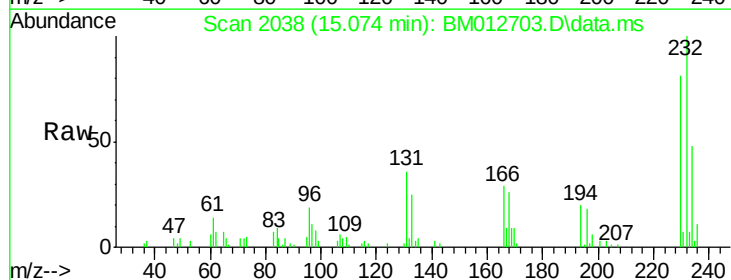
Instrument :
 BNA_M
 ClientSampleId :
 SSTD01088

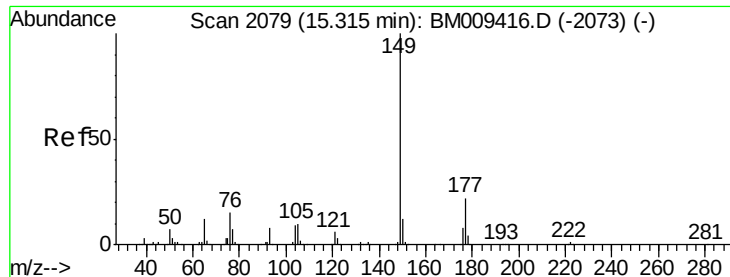
Tot Ion	165	Resp	36692
Ion Ratio	100	Lower	Upper
165	100		
63	39.2	29.8	44.6
182	2.3	2.2	3.4



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 12.21 ng/ul
 RT: 15.074 min Scan# 2038
 Delta R.T. -0.000 min
 Lab File: BM012703.D
 Acq: 04 Nov 2017 12:31

Tgt Ion	232	Resp	36880
Ion Ratio	100	Lower	Upper
232	100		
131	36.3	39.4	59.2#
130	2.3	2.2	3.2
166	28.9	26.6	39.8

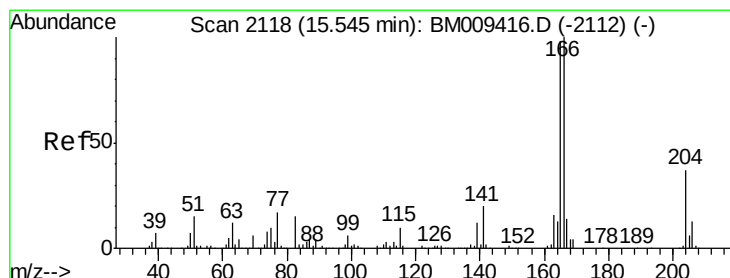
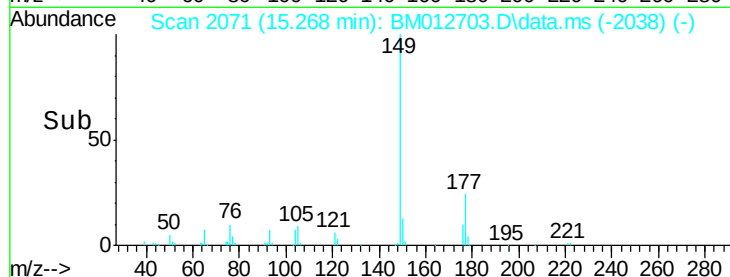
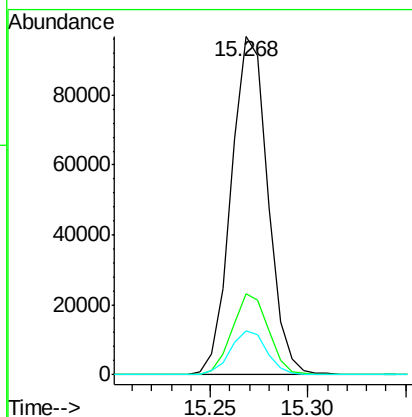
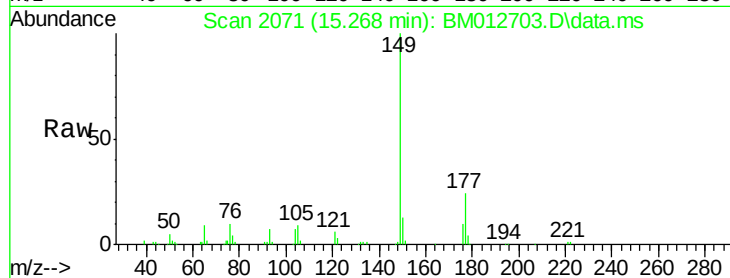




#56
Diethylphthalate
Concen: 11.05 ng/ul
RT: 15.268 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

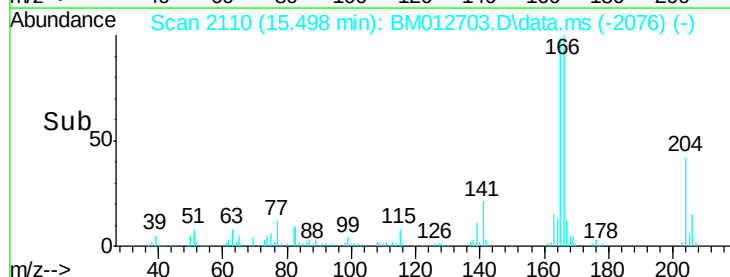
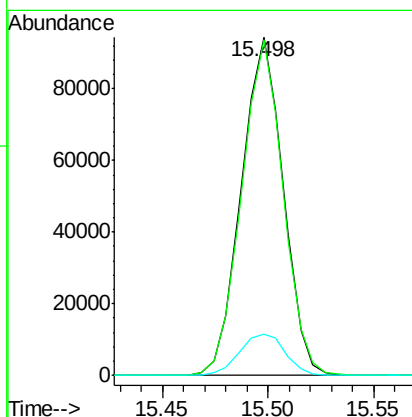
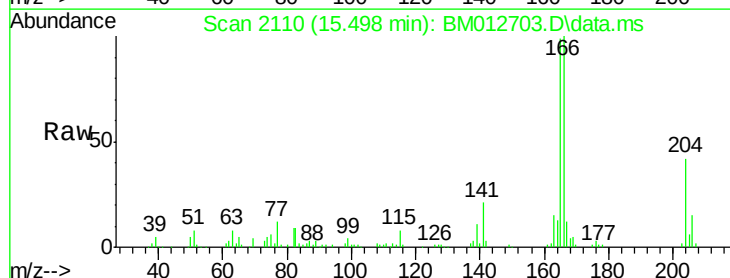
Instrument :
BNA_M
ClientSampleId :
SSTD01088

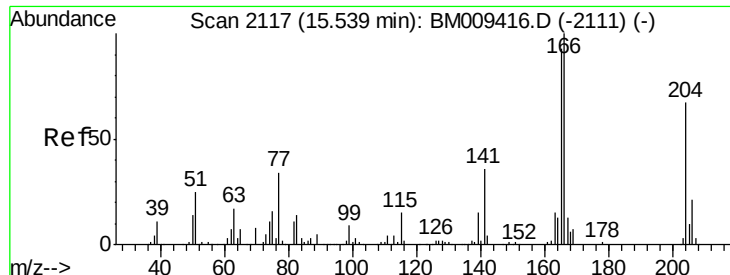
Tot Ion:149 Resp: 125580
Ion Ratio Lower Upper
149 100
177 23.8 17.4 26.2
150 12.9 10.0 15.0



#58
Fluorene
Concen: 11.26 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

Tgt Ion:166 Resp: 129713
Ion Ratio Lower Upper
166 100
165 99.4 78.5 117.7
167 12.2 10.7 16.1

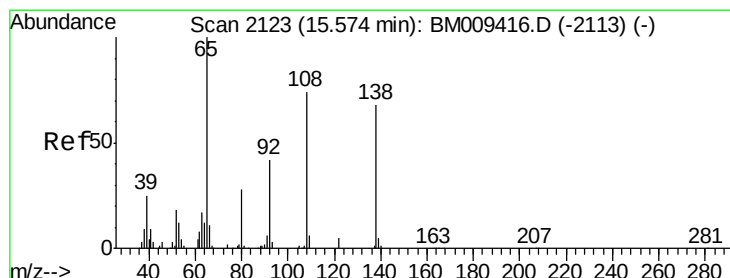
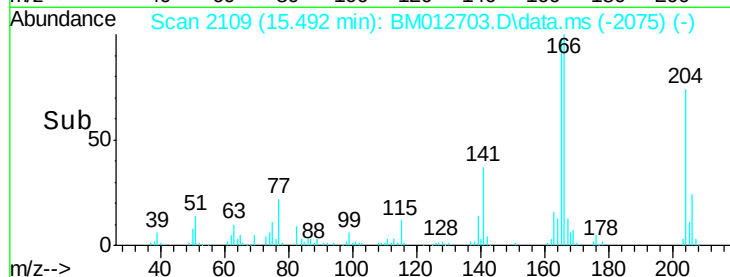
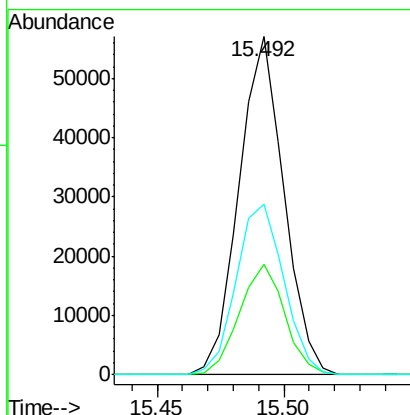
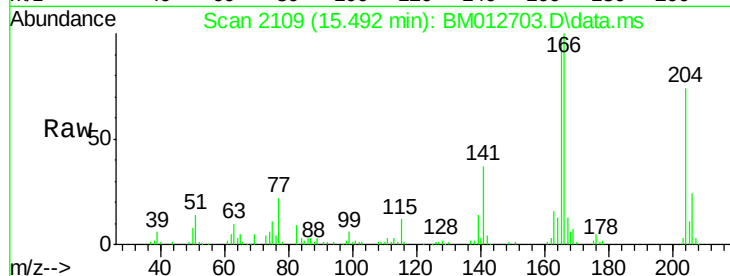




#59
 4-Chlorophenyl-phenylether
 Concen: 11.42 ng/ul
 RT: 15.492 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BM012703.D
 Acq: 04 Nov 2017 12:31

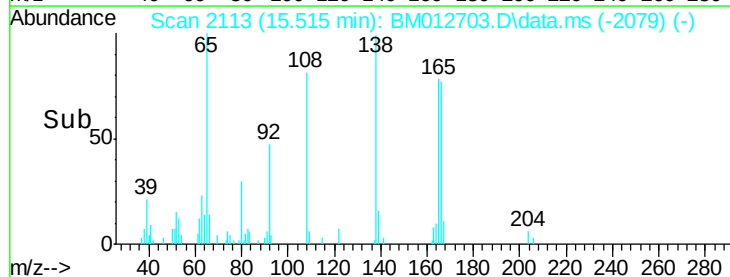
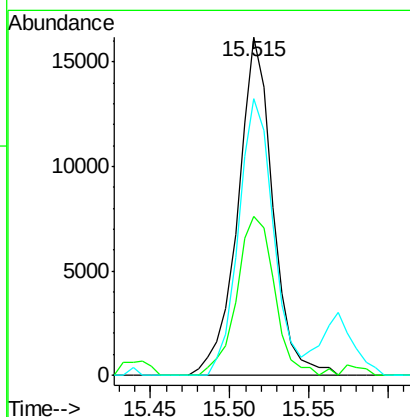
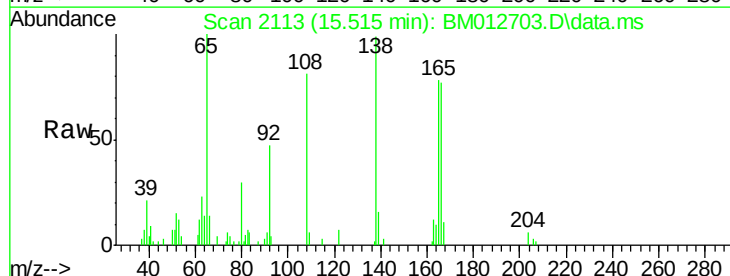
Instrument :
 BNA_M
 ClientSampleId :
 SSTD01088

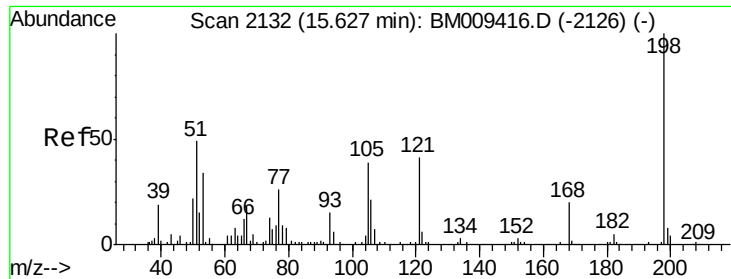
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.4
141	50.4	54.6	81.8#



#60
 4-Nitroaniline
 Concen: 10.58 ng/ul
 RT: 15.515 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: BM012703.D
 Acq: 04 Nov 2017 12:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	40.6	60.8
108	81.7	67.0	100.6

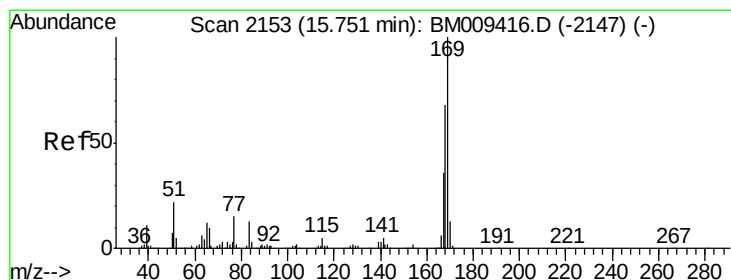
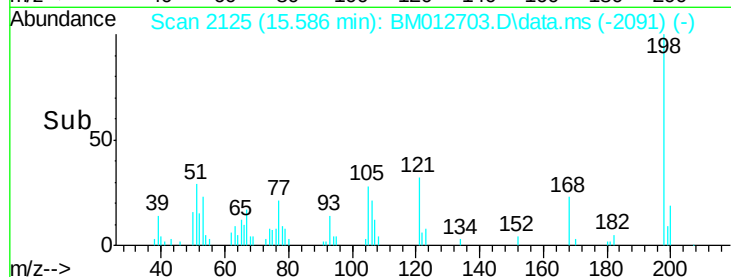
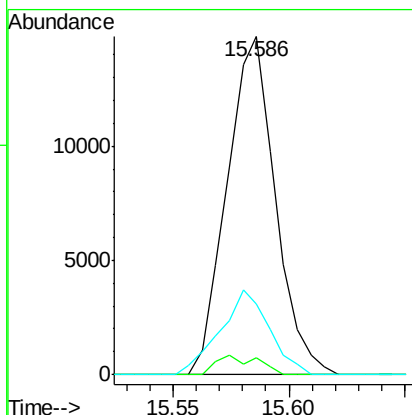
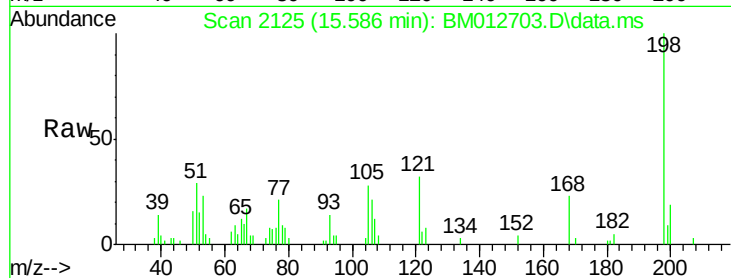




#63
4,6-Dinitro-2-methylphenol
Concen: 8.46 ng/ul
RT: 15.586 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

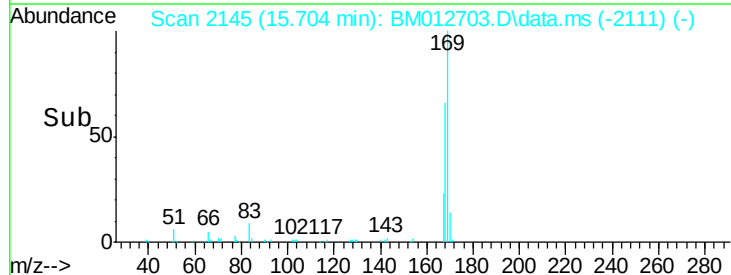
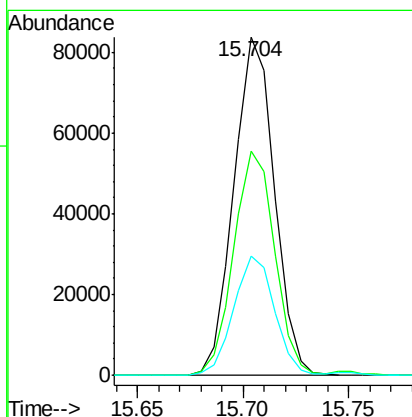
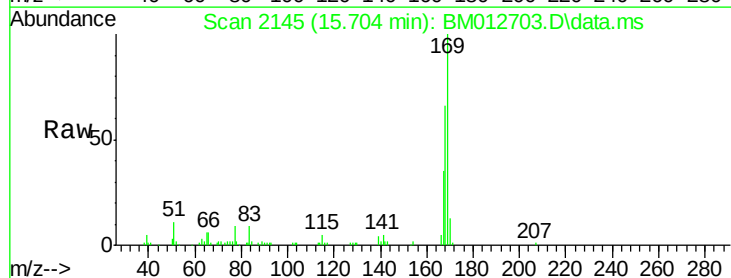
Instrument :
BNA_M
ClientSampleId :
SSTD01088

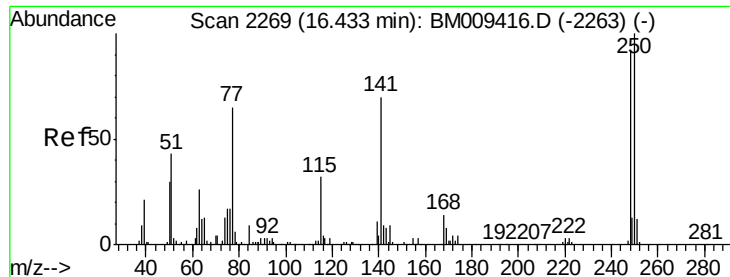
Tot Ion	Ratio	Lower	Upper
198	100		
182	5.1	3.1	4.7#
77	21.0	20.1	30.1



#64
N-Nitrosodiphenylamine
Concen: 9.85 ng/ul
RT: 15.704 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.8	80.8
167	35.1	29.3	43.9





#65

4-Bromophenyl-phenylether

Concen: 11.28 ng/ul

RT: 16.386 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

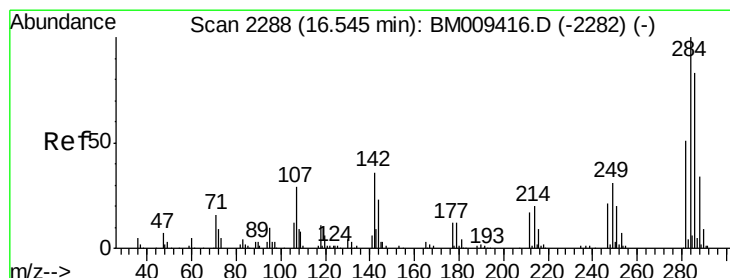
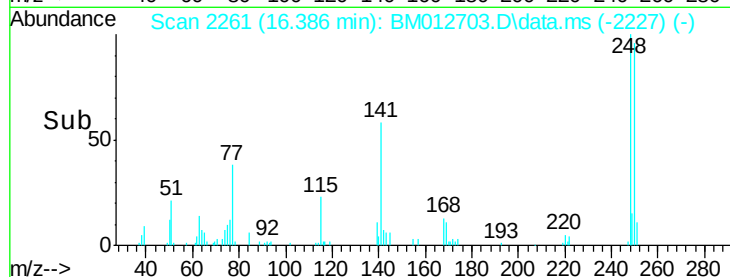
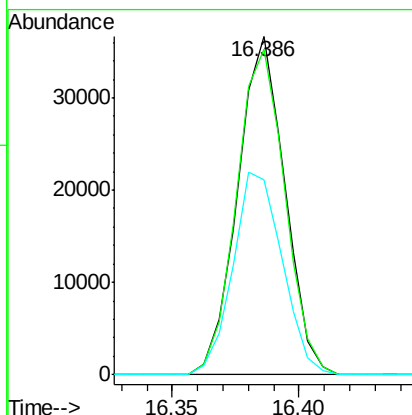
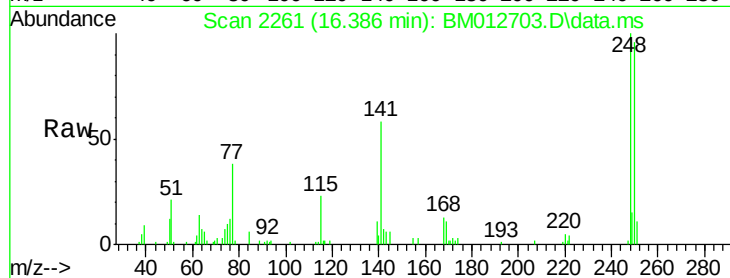
Tot Ion:248 Resp: 47382

Ion Ratio Lower Upper

248 100

250 96.2 78.7 118.1

141 57.5 72.2 108.2#



#66

Hexachlorobenzene

Concen: 11.53 ng/ul

RT: 16.504 min Scan# 2281

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

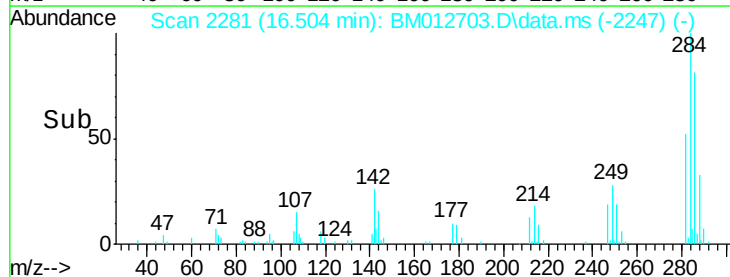
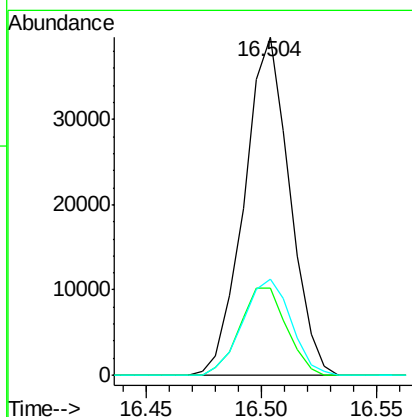
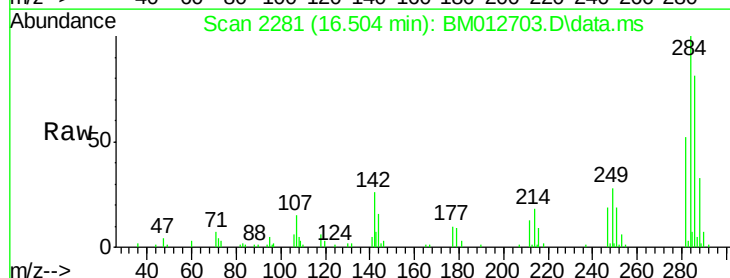
Tgt Ion:284 Resp: 54543

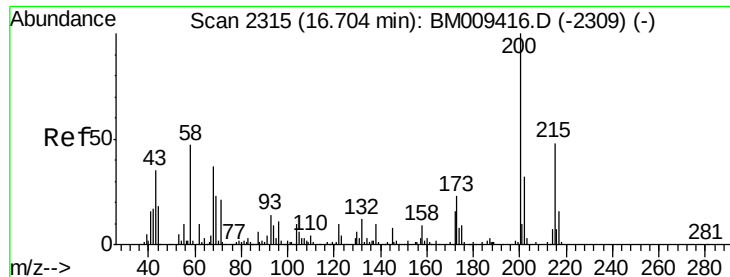
Ion Ratio Lower Upper

284 100

142 25.9 33.1 49.7#

249 30.6 27.1 40.7

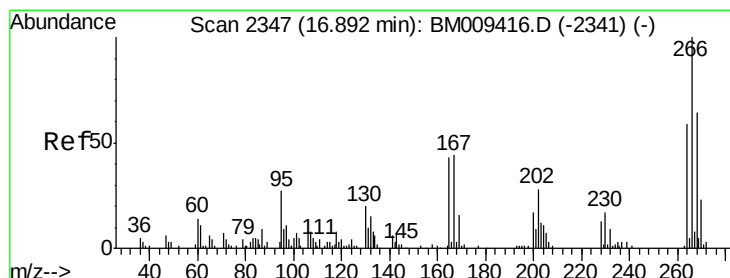
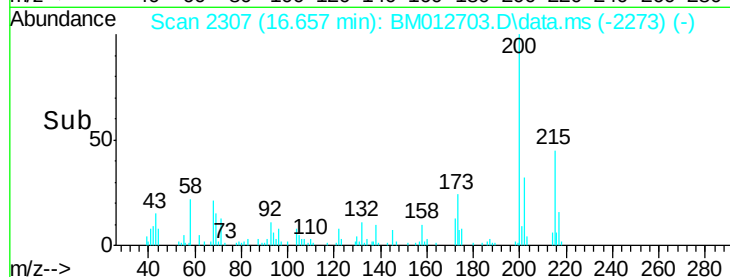
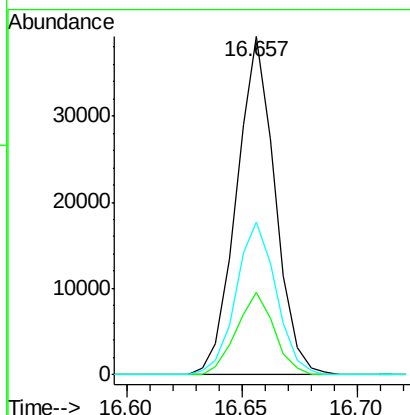
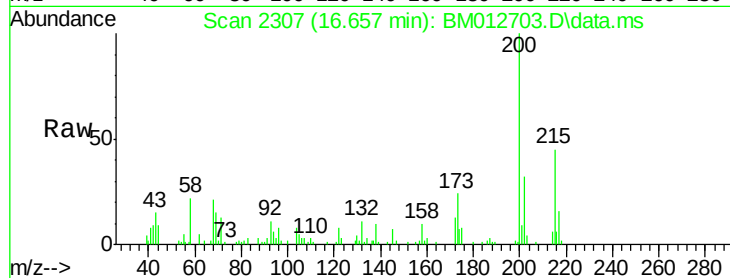




#67
Atrazine
Concen: 10.56 ng/ul
RT: 16.657 min Scan# 2315
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

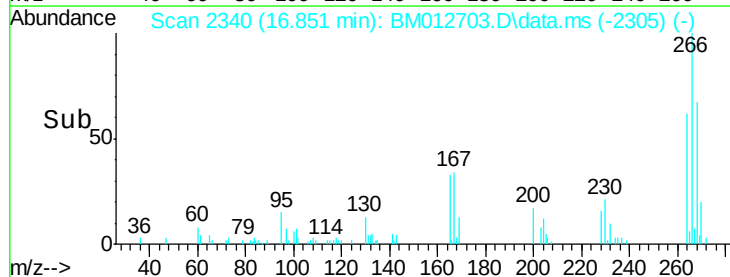
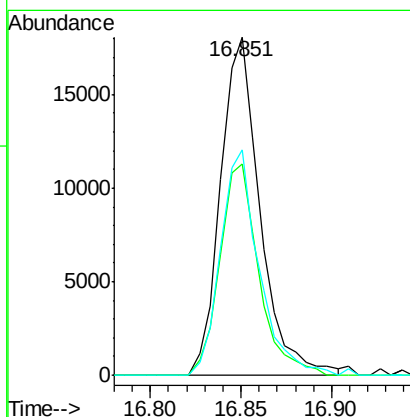
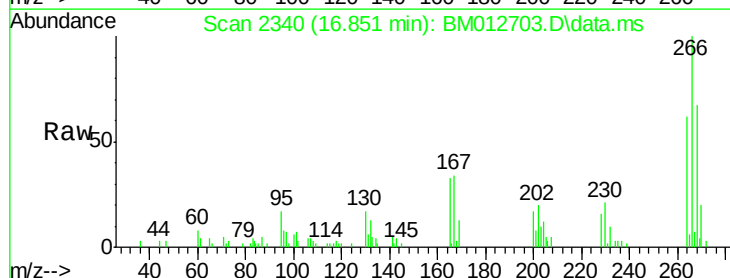
Instrument :
BNA_M
ClientSampleId :
SSTD01088

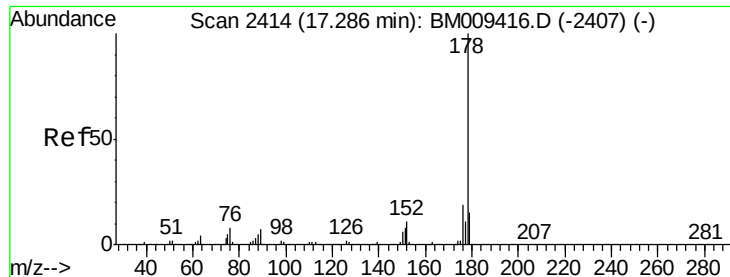
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	21.6	32.4
215	45.2	37.0	55.4



#68
Pentachlorophenol
Concen: 9.55 ng/ul
RT: 16.851 min Scan# 2340
Delta R.T. 0.006 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.5	75.7
268	66.5	50.9	76.3





#69

Phenanthrene

Concen: 9.78 ng/ul

RT: 17.233 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

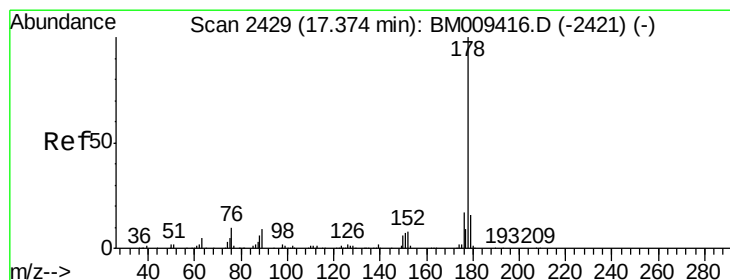
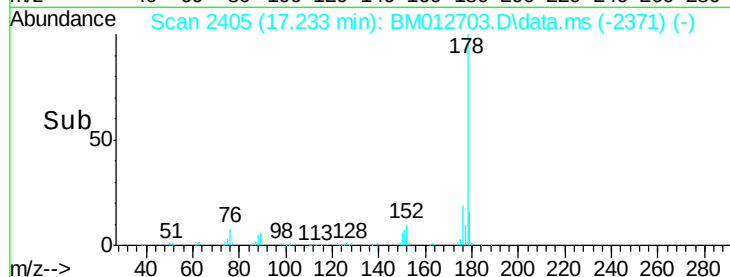
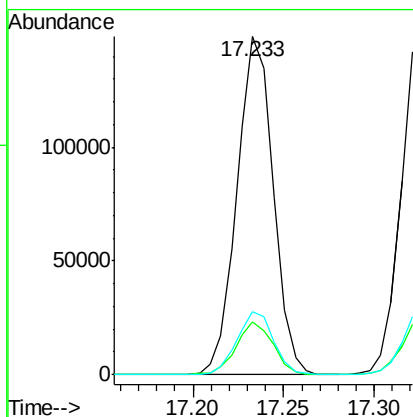
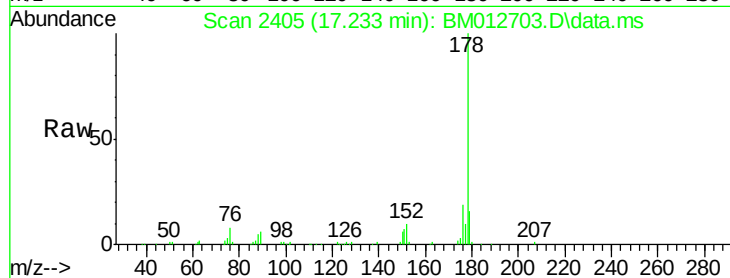
Tot Ion:178 Resp: 206355

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 18.6 15.6 23.4



#71

Anthracene

Concen: 9.96 ng/ul

RT: 17.327 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

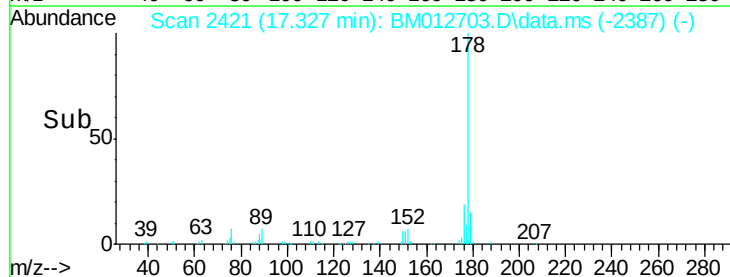
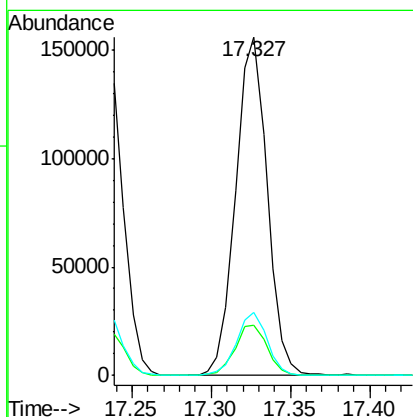
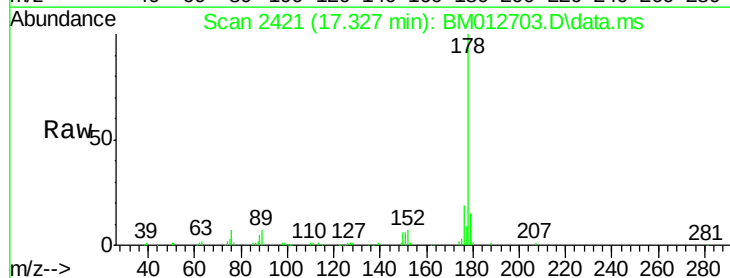
Tgt Ion:178 Resp: 215116

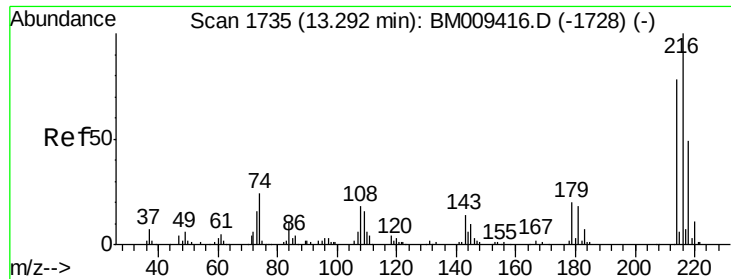
Ion Ratio Lower Upper

178 100

179 14.9 12.1 18.1

176 18.5 14.8 22.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 10.93 ng/uL

RT: 13.245 min Scan# 17

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

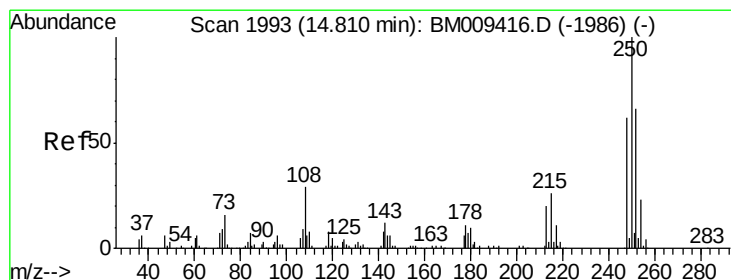
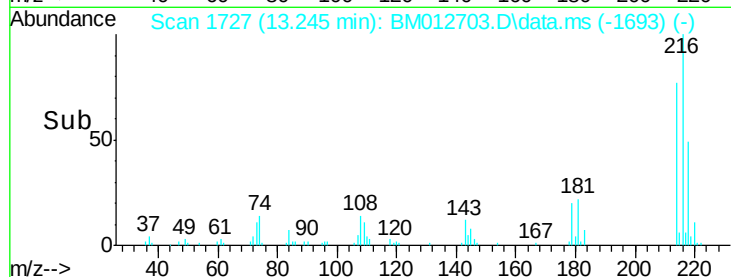
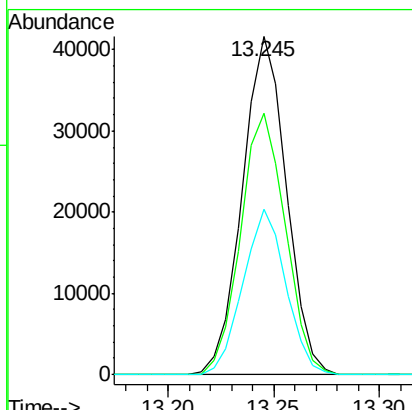
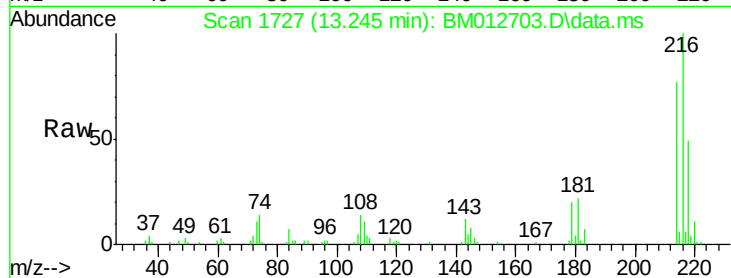
Tot Ion:216 Resp: 60219

Ion Ratio Lower Upper

216 100

214 77.4 62.5 93.7

218 48.8 38.4 57.6



#73

Pentachlorobenzene

Concen: 11.42 ng/uL

RT: 14.768 min Scan# 1986

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

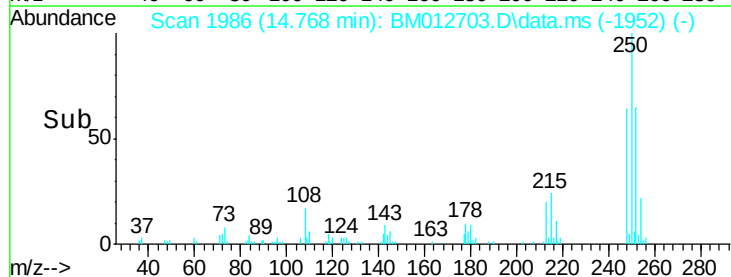
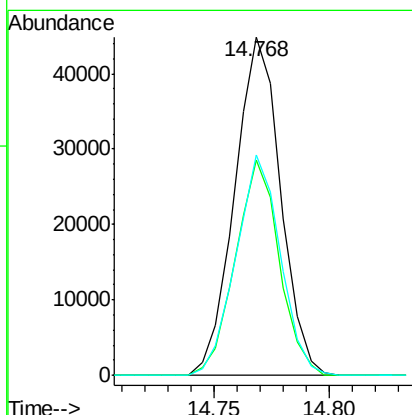
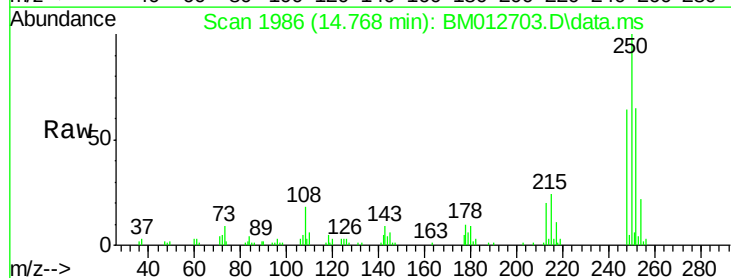
Tgt Ion:250 Resp: 62237

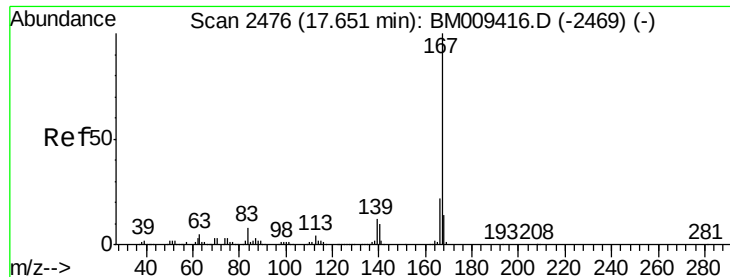
Ion Ratio Lower Upper

250 100

248 63.6 50.6 75.8

252 65.3 51.4 77.0





#74

Carbazole

Concen: 9.09 ng/ul

RT: 17.598 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

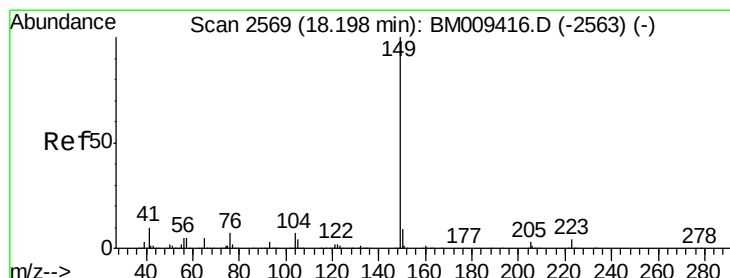
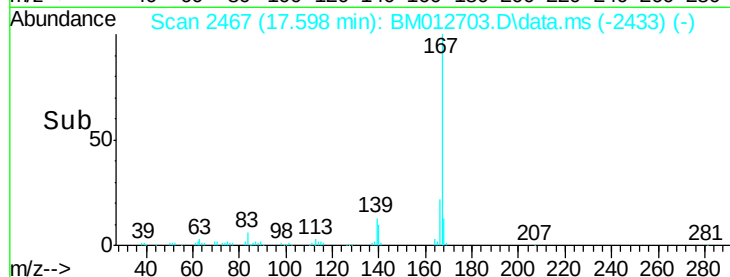
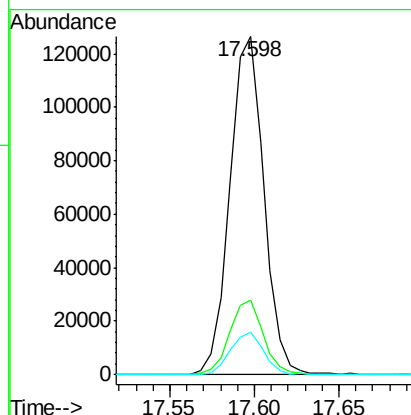
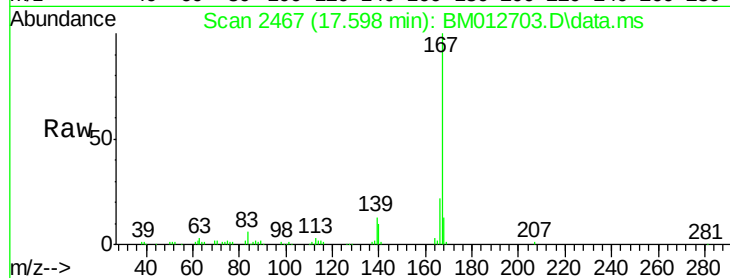
Tot Ion:167 Resp: 177033

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.6

139 12.5 11.0 16.4



#75

Di-n-butylphthalate

Concen: 9.71 ng/ul

RT: 18.156 min Scan# 2562

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

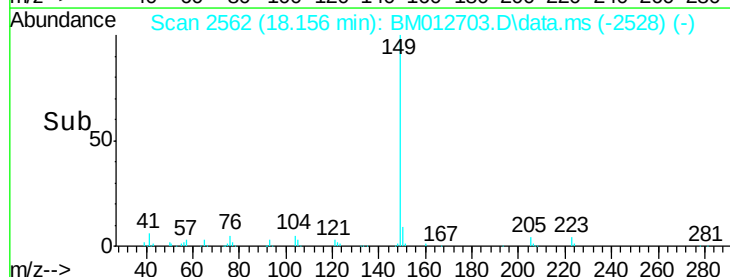
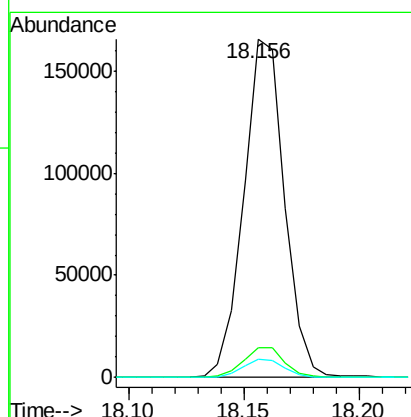
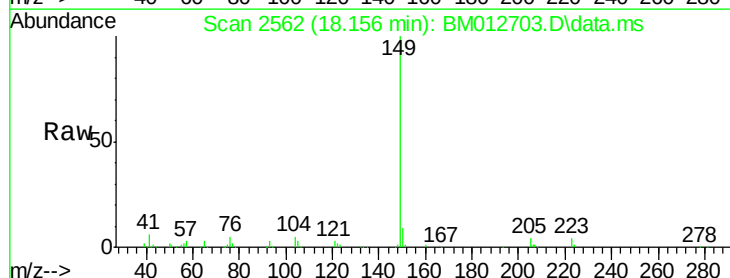
Tgt Ion:149 Resp: 204148

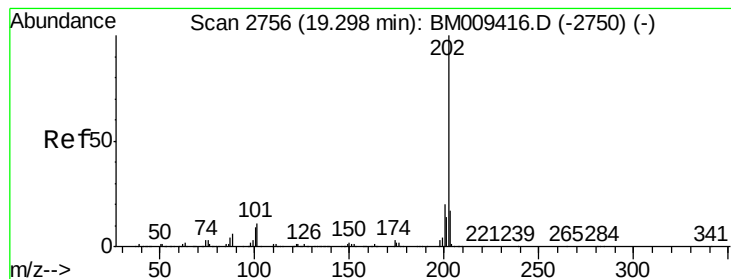
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

104 5.2 4.0 6.0





#76

Fluoranthene

Concen: 9.84 ng/ul

RT: 19.250 min Scan# 27

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

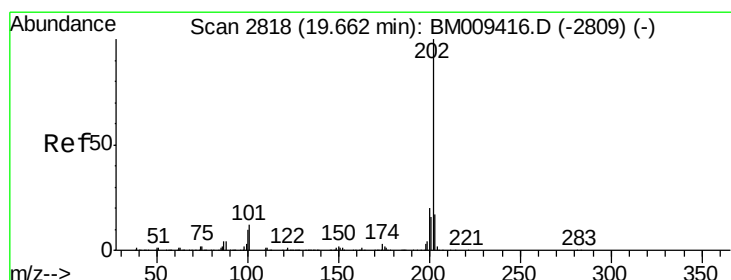
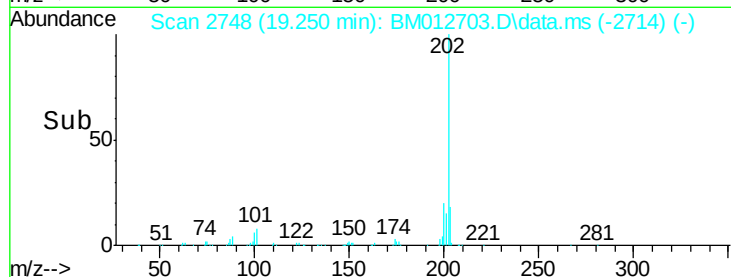
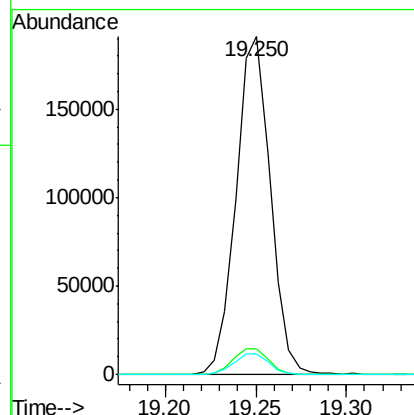
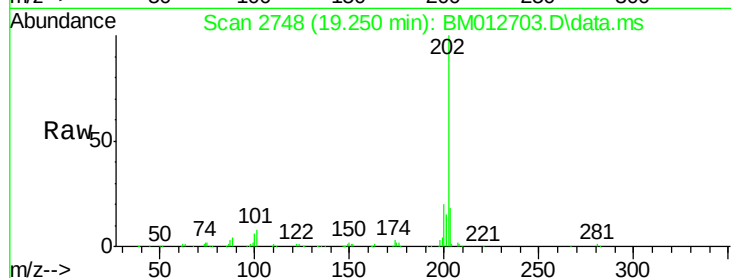
Tot Ion:202 Resp: 250989

Ion Ratio Lower Upper

202 100

101 7.7 8.8 13.2#

100 6.0 6.6 9.8#



#79

Pyrene

Concen: 10.56 ng/ul

RT: 19.609 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

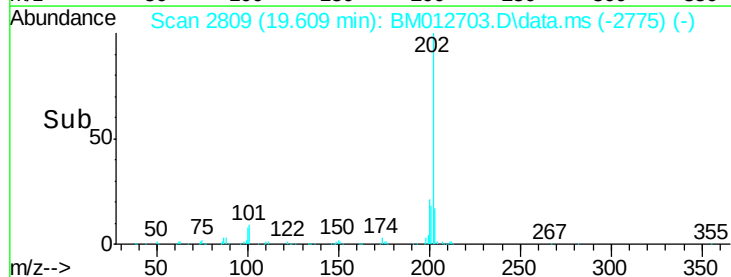
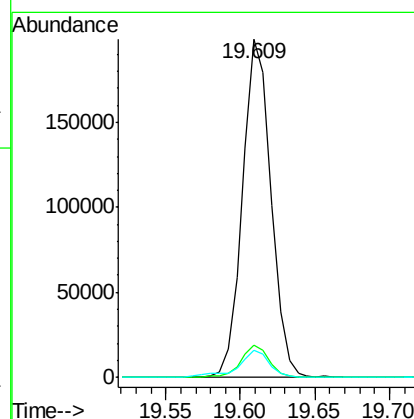
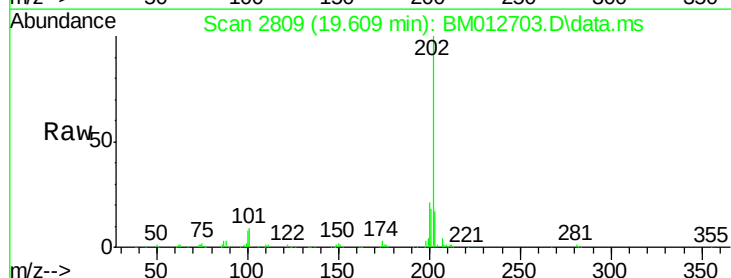
Tgt Ion:202 Resp: 263360

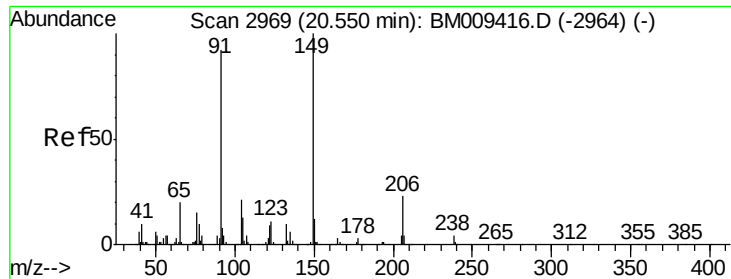
Ion Ratio Lower Upper

202 100

101 9.5 10.2 15.2#

100 8.0 8.5 12.7#

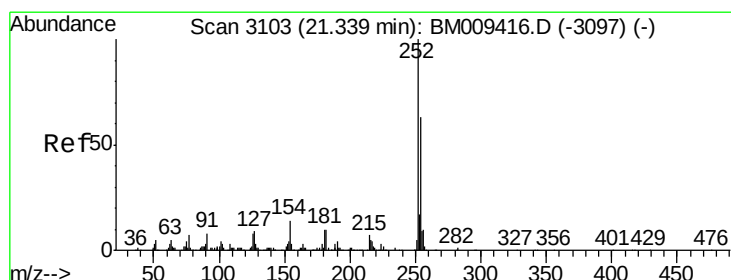
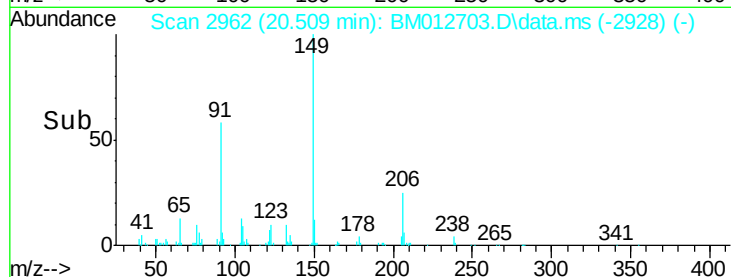
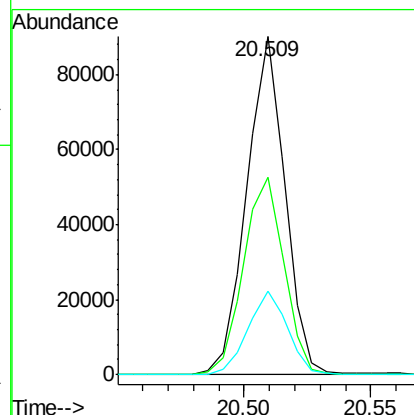
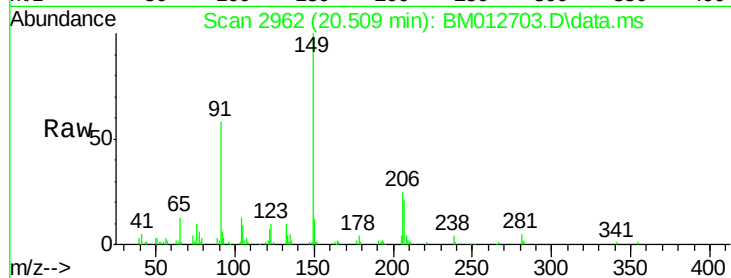




#80
Butylbenzylphthalate
Concen: 10.42 ng/ul
RT: 20.509 min Scan# 29
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

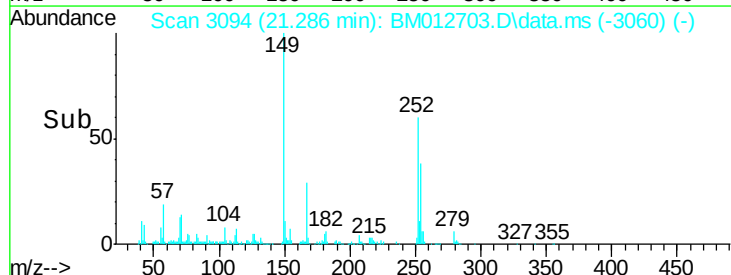
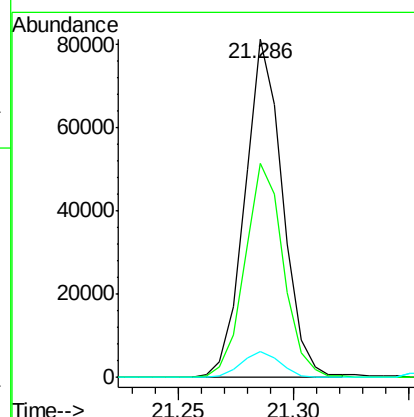
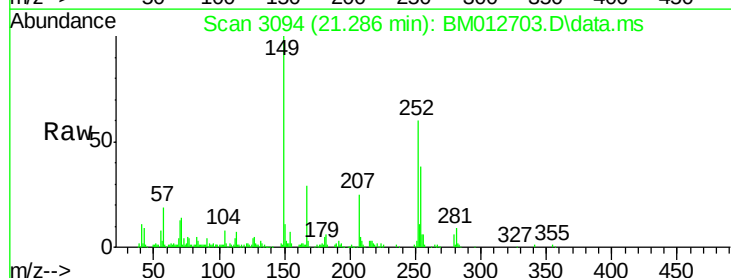
Instrument :
BNA_M
ClientSampleId :
SSTD01088

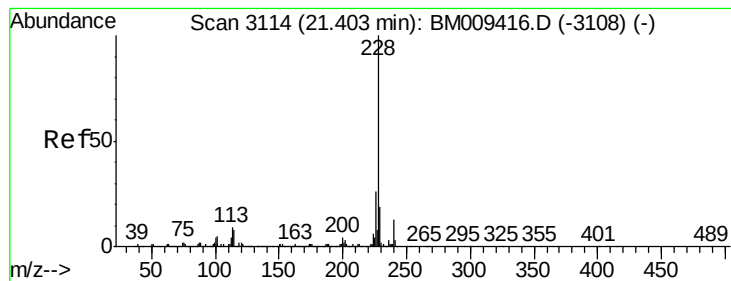
Tot Ion	Ratio	Lower	Upper
149	100		
91	58.5	53.4	80.2
206	24.5	16.6	24.8



#81
3,3'-Dichlorobenzidine
Concen: 10.68 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BM012703.D
Acq: 04 Nov 2017 12:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.2	78.2
126	7.5	9.4	14.2





#82

Benzo(a)anthracene

Concen: 10.66 ng/ul

RT: 21.356 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

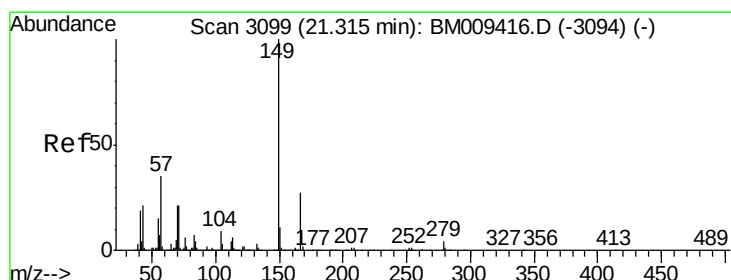
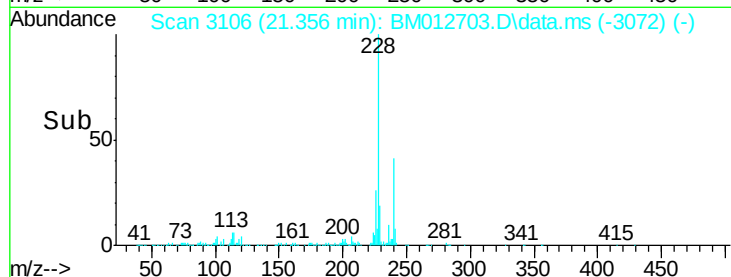
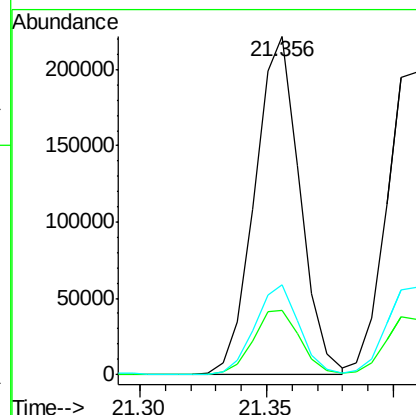
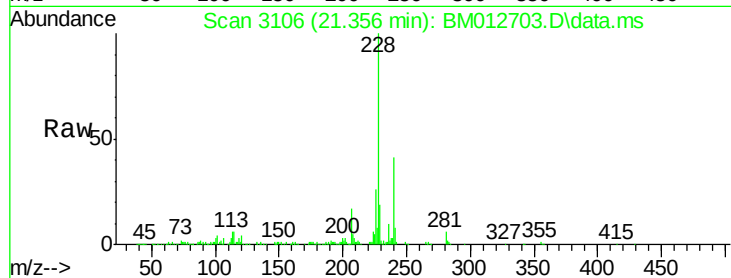
Tot Ion:228 Resp: 275178

Ion Ratio Lower Upper

228 100

229 18.9 15.7 23.5

226 26.4 21.8 32.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 10.18 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

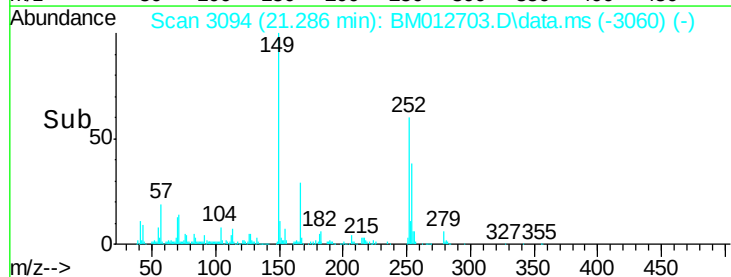
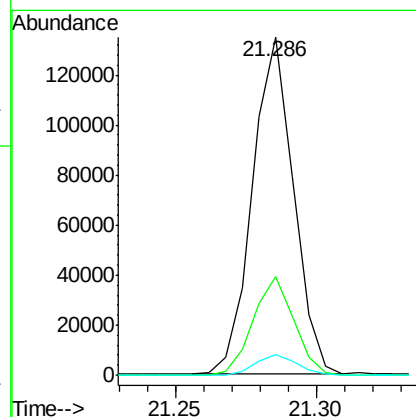
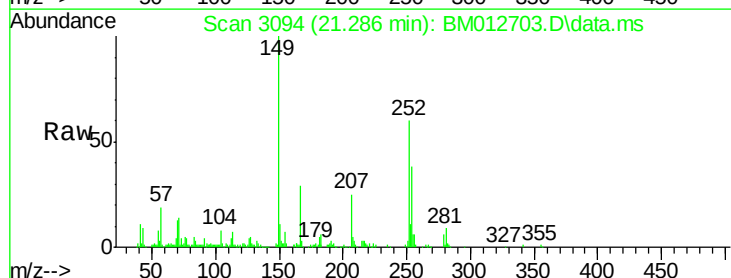
Tgt Ion:149 Resp: 135886

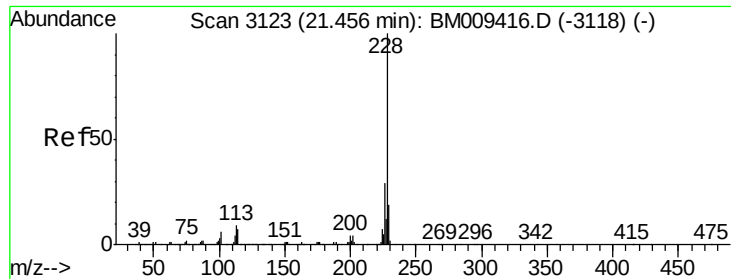
Ion Ratio Lower Upper

149 100

167 29.2 21.6 32.4

279 6.0 3.0 4.4#





#84

Chrysene

Concen: 10.27 ng/ul

RT: 21.409 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

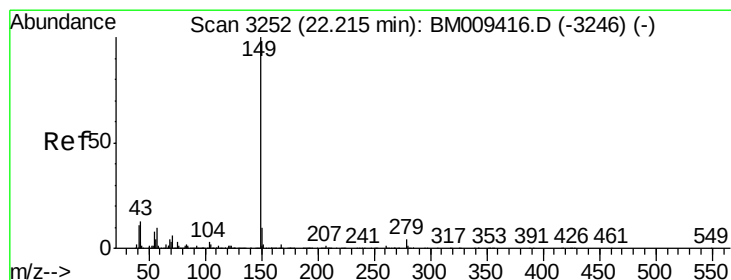
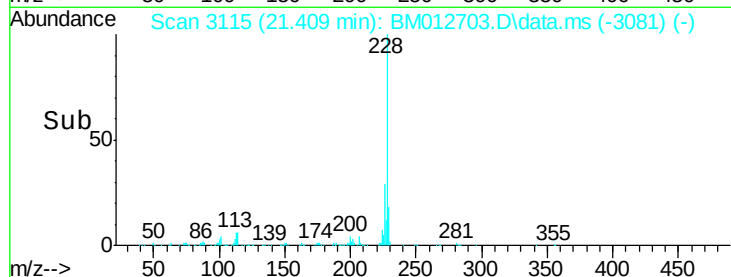
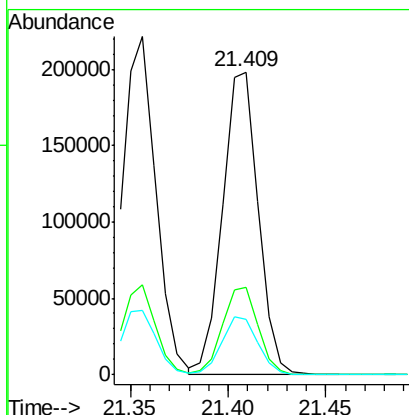
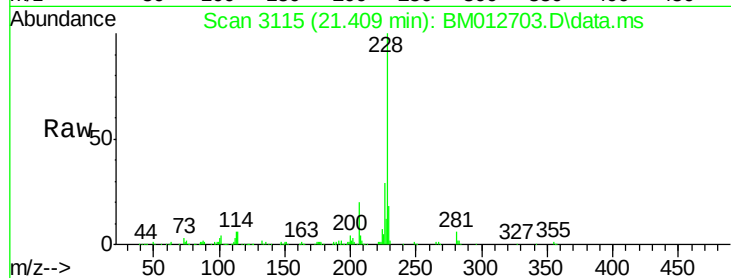
Tot Ion:228 Resp: 251198

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

229 18.4 15.6 23.4



#86

Di-n-octyl phthalate

Concen: 8.36 ng/ul

RT: 22.174 min Scan# 3245

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

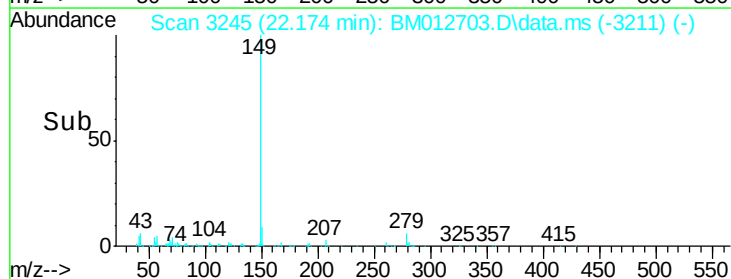
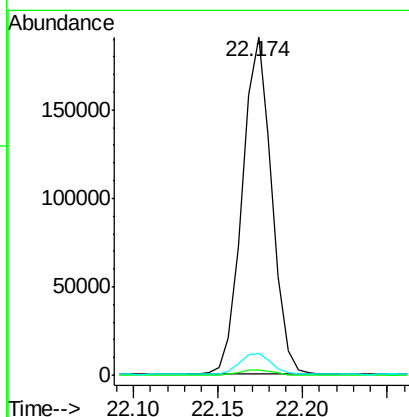
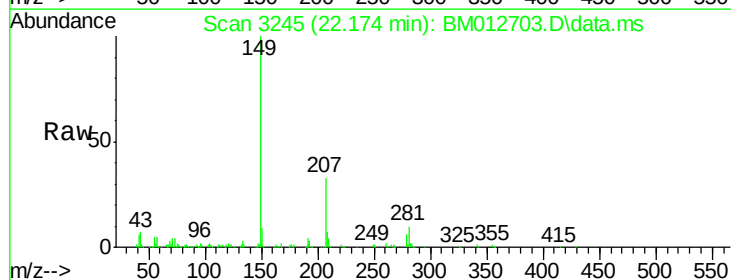
Tgt Ion:149 Resp: 230509

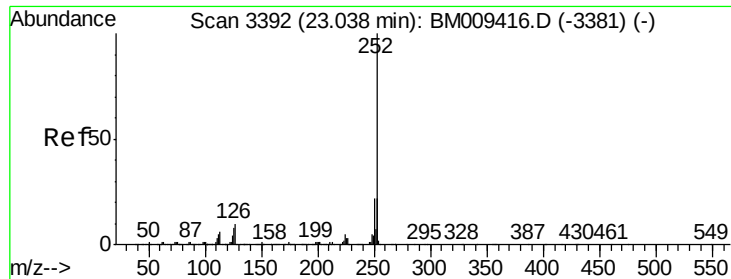
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 6.7 5.6 8.4





#87

Benzo(b)fluoranthene

Concen: 9.97 ng/ul

RT: 22.962 min Scan# 33

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

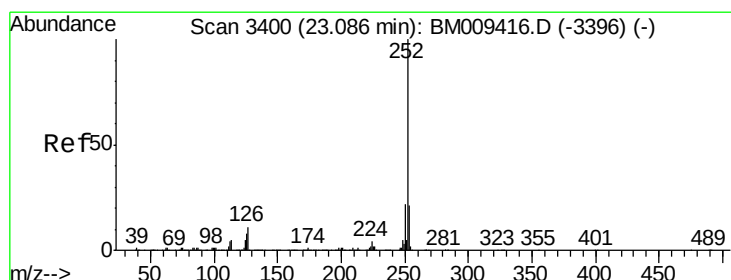
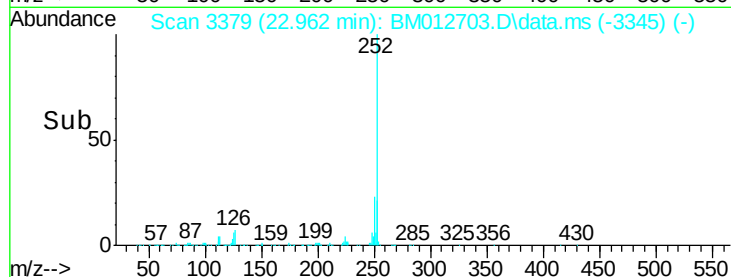
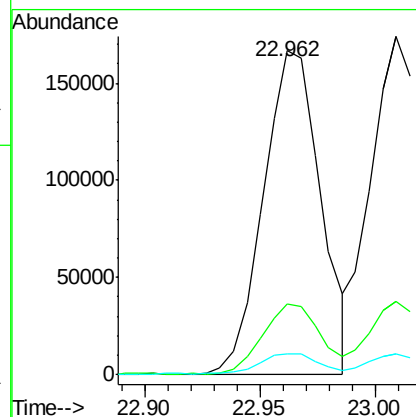
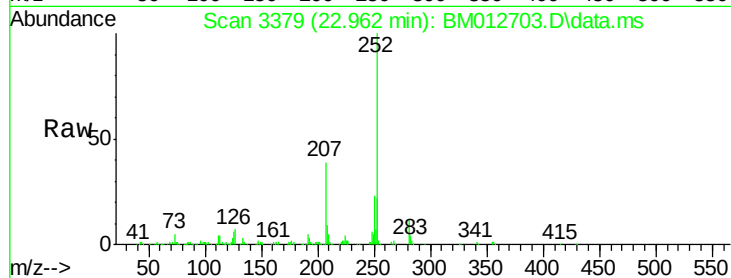
Instrument :

BNA_M

ClientSampleId :

SSTD01088

Tot Ion:	252	Resp:	286329
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	6.3	8.5	12.7#



#88

Benzo(k)fluoranthene

Concen: 10.00 ng/ul

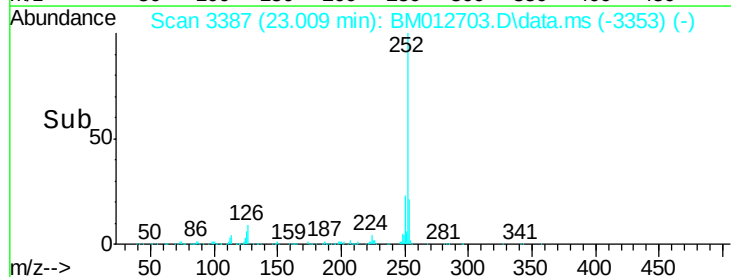
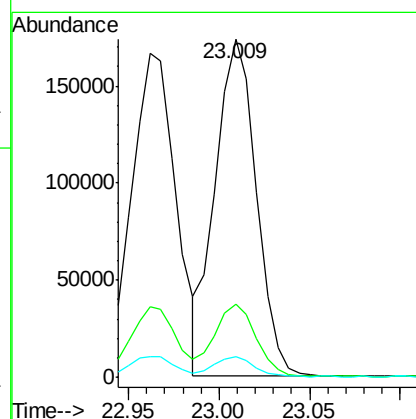
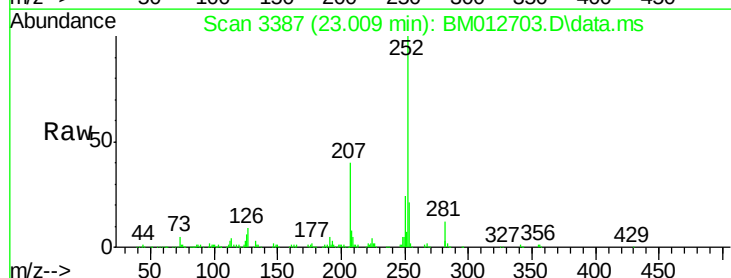
RT: 23.009 min Scan# 3387

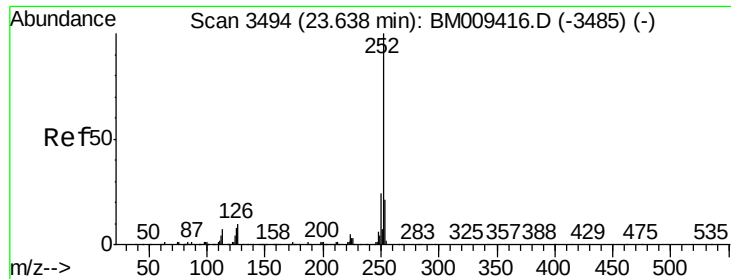
Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Tgt Ion:	252	Resp:	273412
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.3	25.9
125	6.2	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 10.08 ng/ul

RT: 23.550 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

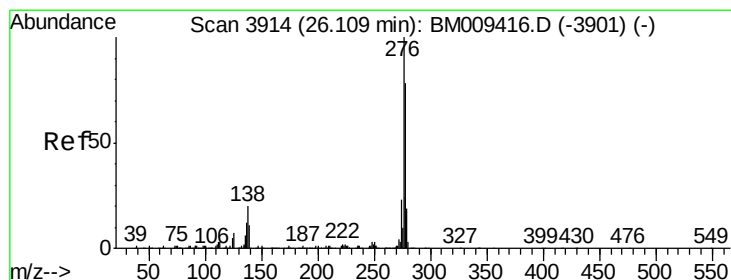
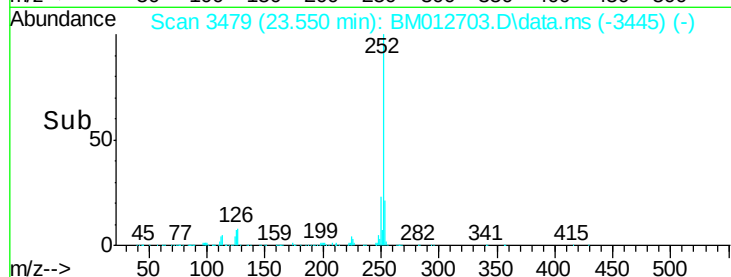
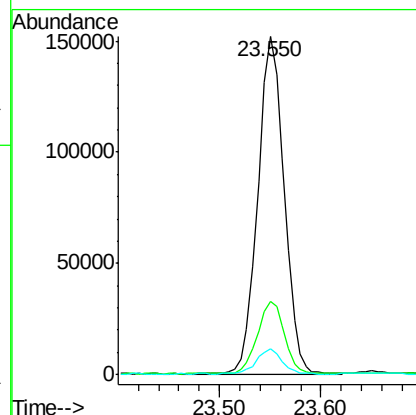
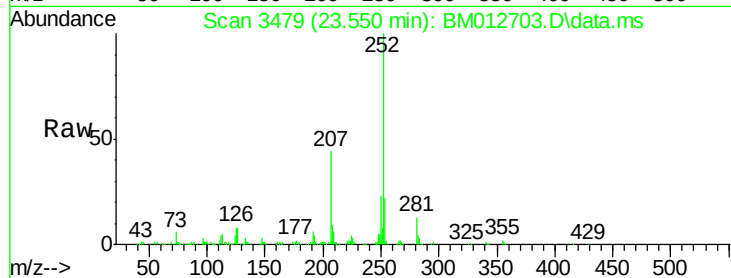
Tot Ion:252 Resp: 275983

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 7.5 9.0 13.6#



#91

Indeno(1,2,3-cd)pyrene

Concen: 10.90 ng/ul

RT: 25.962 min Scan# 3889

Delta R.T. -0.000 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

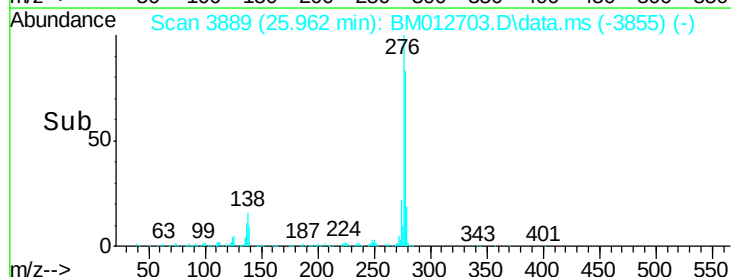
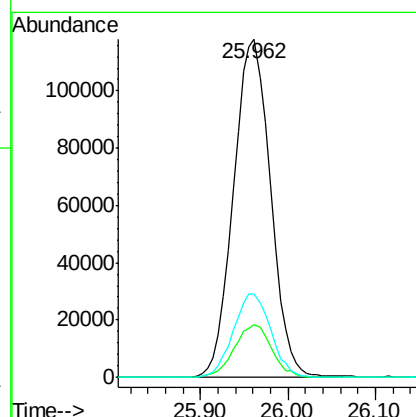
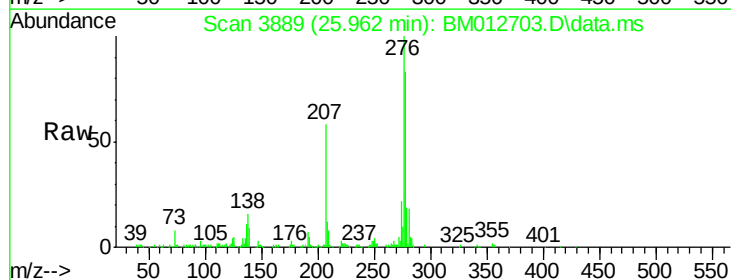
Tgt Ion:276 Resp: 339624

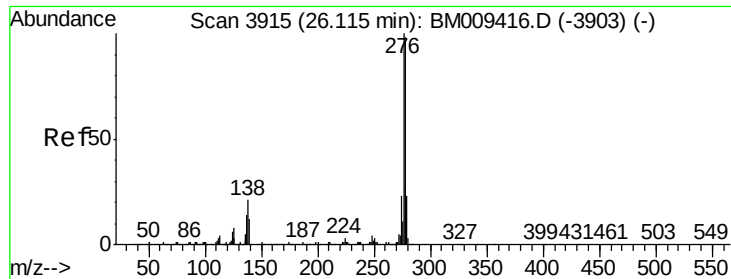
Ion Ratio Lower Upper

276 100

138 15.7 22.3 33.5#

277 24.6 20.2 30.2





#92

Dibenzo(a,h)anthracene

Concen: 10.77 ng/ul

RT: 25.968 min Scan# 38

Delta R.T. -0.006 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SSTD01088

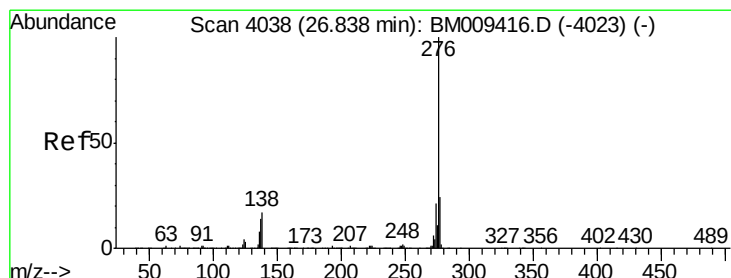
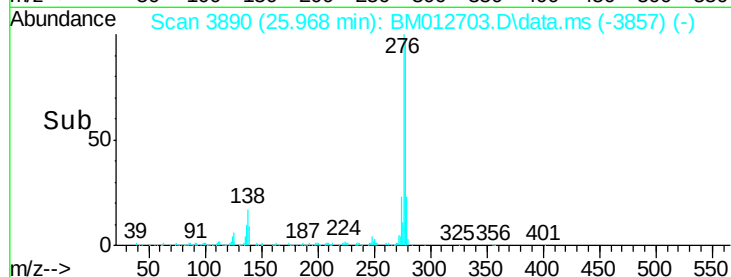
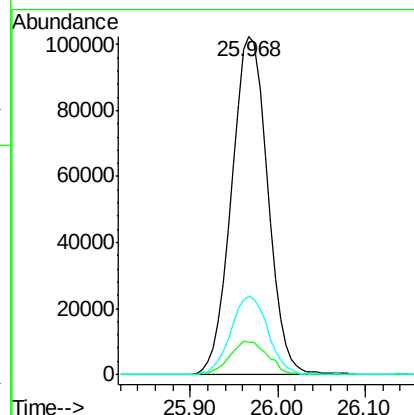
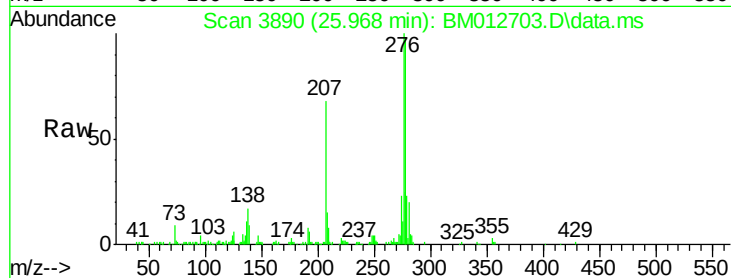
Tot Ion:278 Resp: 287507

Ion Ratio Lower Upper

278 100

139 9.6 13.9 20.9#

279 23.2 19.0 28.4



#93

Benzo(g,h,i)perylene

Concen: 10.89 ng/ul

RT: 26.662 min Scan# 4008

Delta R.T. -0.006 min

Lab File: BM012703.D

Acq: 04 Nov 2017 12:31

Tgt Ion:276 Resp: 282860

Ion Ratio Lower Upper

276 100

138 13.9 18.9 28.3#

277 23.8 19.2 28.8

