

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM110417\
 Data File : BM012704.D
 Acq On : 04 Nov 2017 13:07
 Operator : SJ/JU
 Sample : SSTD02089
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02089

Quant Time: Nov 04 14:27:08 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	77935	20.00	ng/ul	0.00
18) Naphthalene-d8	10.604	136	301829	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.451	164	178978	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.192	188	403421	20.00	ng/ul	0.00
77) Chrysene-d12	21.368	240	467858	20.00	ng/ul	0.00
85) Perylene-d12	23.650	264	488275	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.299	96	11144	5.45	ng/uL	0.00
5) Phenol-d5	6.981	99	104448	14.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.146	67	57968	11.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.346	132	90222	19.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.522	113	90050	17.12	ng/ul	0.00
19) Nitrobenzene-d5	8.969	128	41594	18.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.687	143	47897	19.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.228	165	99327	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.739	131	110306	20.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.857	166	274091	21.78	ng/ul	0.00
46) Acenaphthylene-d8	14.139	160	345954	21.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.657	143	41952	18.08	ng/ul	0.00
57) Fluorene-d10	15.439	176	235595	20.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.569	200	45842	17.98	ng/ul	0.00
70) Anthracene-d10	17.292	188	370457	19.25	ng/ul	0.00
78) Pyrene-d10	19.580	212	399840	20.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.509	264	435626	19.37	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.334	88	11913	5.21	ng/uL	96
4) Benzaldehyde	6.957	77	68287	13.83	ng/ul	97
6) Phenol	7.010	94	107187	14.22	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.240	93	81149	13.81	ng/ul	99
10) 2-Chlorophenol	7.381	128	92618	18.34	ng/ul	98
11) 2-Methylphenol	8.257	108	81929	15.71	ng/ul	95
12) 2,2'-oxybis(1-Chloropr...	8.351	45	68020	7.14	ng/ul#	88
14) Acetophenone	8.634	105	138178	15.40	ng/ul	98
15) N-Nitroso-di-n-propyla...	8.622	70	65529	12.66	ng/ul	98
16) 4-Methylphenol	8.581	108	87630	15.47	ng/ul	95
17) Hexachloroethane	8.887	117	37305	15.31	ng/ul#	73
20) Nitrobenzene	9.010	77	100176	13.39	ng/ul	98
21) Isophorone	9.540	82	175769	14.13	ng/ul	98
23) 2-Nitrophenol	9.722	139	52492	20.63	ng/ul	98
24) 2,4-Dimethylphenol	9.781	107	104944	16.70	ng/ul	96
25) Bis(2-Chloroethoxy)met...	10.016	93	109080	15.13	ng/ul	99
27) 2,4-Dichlorophenol	10.251	162	93896	19.78	ng/ul	96
28) Naphthalene	10.651	128	282502	18.49	ng/ul	98
30) 4-Chloroaniline	10.763	127	110583	19.24	ng/ul	99
31) Hexachlorobutadiene	10.939	225	76197	20.49	ng/ul	96
32) Caprolactam	11.534	113	8491	5.80	ng/ul#	79
33) 4-Chloro-3-methylphenol	11.892	107	90817	17.04	ng/ul	99
34) 2-Methylnaphthalene	12.269	142	215296	19.55	ng/ul	100

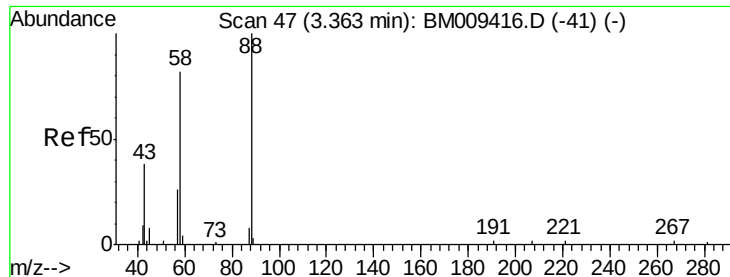
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM110417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachloroben...	12.633	216	133833	22.26	ng/ul#	96
37) Hexachlorocyclopentadiene	12.616	237	57970	15.37	ng/ul	95
38) 2,4,6-Trichlorophenol	12.881	196	83089	23.60	ng/ul	98
39) 2,4,5-Trichlorophenol	12.951	196	86552	22.78	ng/ul	99
40) 1,1'-Biphenyl	13.280	154	280445	21.21	ng/ul	98
41) 2-Chloronaphthalene	13.322	162	222232	21.60	ng/ul	94
42) 2-Nitroaniline	13.528	65	51935	13.70	ng/ul	97
44) Dimethylphthalate	13.904	163	271973	21.66	ng/ul	99
45) 2,6-Dinitrotoluene	14.027	165	54524	22.47	ng/ul	100
47) Acenaphthylene	14.169	152	337445	21.45	ng/ul	99
48) 3-Nitroaniline	14.357	138	48849	19.52	ng/ul	96
49) Acenaphthene	14.516	153	227178	20.57	ng/ul	99
50) 2,4-Dinitrophenol	14.569	184	29386	17.62	ng/ul	95
52) 4-Nitrophenol	14.669	109	37685	13.86	ng/ul	93
53) Dibenzofuran	14.851	168	332782	20.79	ng/ul	92
54) 2,4-Dinitrotoluene	14.816	165	80165	22.10	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.074	232	80313	23.46	ng/ul#	84
56) Diethylphthalate	15.274	149	261251	20.28	ng/ul	96
58) Fluorene	15.498	166	272836	20.90	ng/ul	100
59) 4-Chlorophenyl-phenyle...	15.492	204	151699	21.79	ng/ul#	86
60) 4-Nitroaniline	15.516	138	52111	19.61	ng/ul	91
63) 4,6-Dinitro-2-methylph...	15.586	198	48362	17.64	ng/ul	93
64) N-Nitrosodiphenylamine	15.704	169	231319	19.00	ng/ul	98
65) 4-Bromophenyl-phenylether	16.386	248	99319	21.98	ng/ul#	84
66) Hexachlorobenzene	16.504	284	112896	22.17	ng/ul#	82
67) Atrazine	16.657	200	92186	19.86	ng/ul	95
68) Pentachlorophenol	16.845	266	59381	19.26	ng/ul	98
69) Phenanthrene	17.233	178	416634	18.35	ng/ul	99
71) Anthracene	17.327	178	433854	18.66	ng/ul	99
72) 1,2,3,4-Tetrachloroben...	13.245	216	130286	21.97	ng/uL	97
73) Pentachlorobenzene	14.769	250	130183	22.20	ng/uL	98
74) Carbazole	17.598	167	354080	16.89	ng/ul	98
75) Di-n-butylphthalate	18.157	149	413758	18.29	ng/ul	99
76) Fluoranthene	19.251	202	495082	18.03	ng/ul#	92
79) Pvrene	19.609	202	514279	20.01	ng/ul#	92
80) Butylbenzylphthalate	20.509	149	186375	19.87	ng/ul#	96
81) 3,3'-Dichlorobenzidine	21.286	252	203170	22.63	ng/ul#	99
82) Benzo(a)anthracene	21.356	228	522343	19.64	ng/ul	100
83) Bis(2-ethylhexyl)phtha...	21.286	149	271797	19.75	ng/ul#	95
84) Chrysene	21.409	228	479344	19.01	ng/ul	98
86) Di-n-octyl phthalate	22.174	149	464048	16.38	ng/ul	99
87) Benzo(b)fluoranthene	22.962	252	553090	18.76	ng/ul#	95
88) Benzo(k)fluoranthene	23.009	252	537861	19.15	ng/ul#	95
90) Benzo(a)pyrene	23.550	252	537099	19.10	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.962	276	663801	20.73	ng/ul#	88
92) Dibenzo(a,h)anthracene	25.974	278	560772	20.45	ng/ul#	92
93) Benzo(g,h,i)perylene	26.668	276	549171	20.59	ng/ul#	89

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



#2

1,4-Dioxane

Concen: 5.21 ng/uL

RT: 3.334 min Scan# 42

Delta R.T. 0.000 min

Lab File: BM012704.D

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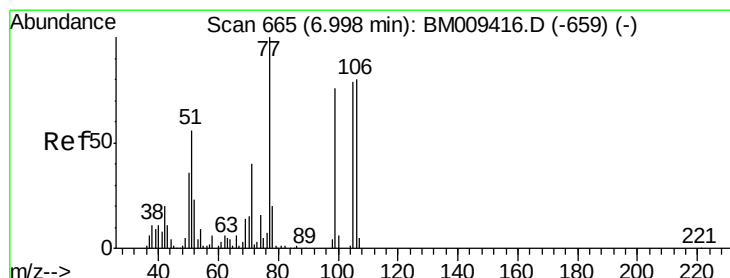
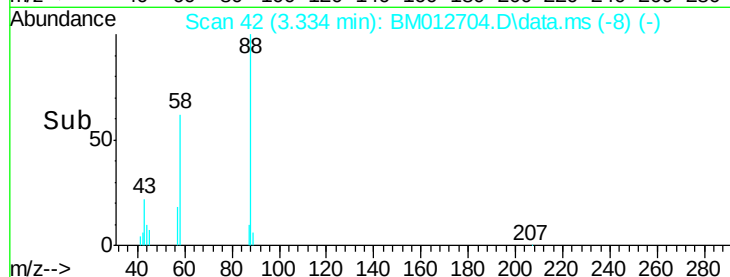
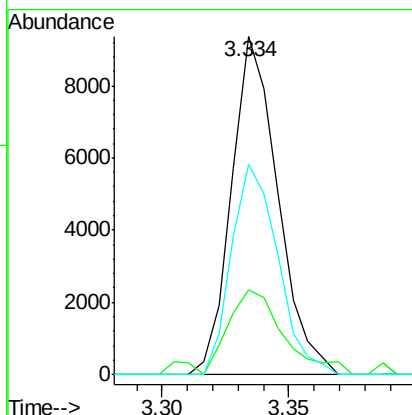
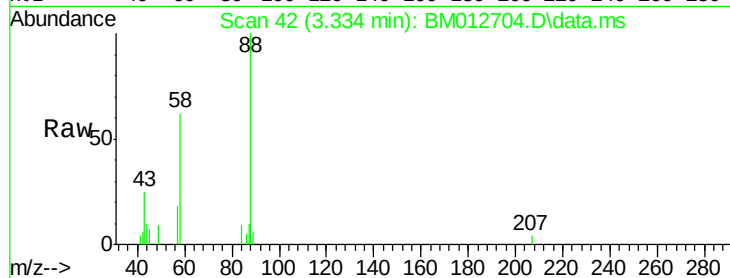
Tot Ion: 88 Resp: 11913

Ion Ratio Lower Upper

88 100

43 28.9 21.0 31.6

58 62.3 47.8 71.8



#4

Benzaldehyde

Concen: 13.83 ng/uL

RT: 6.957 min Scan# 658

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

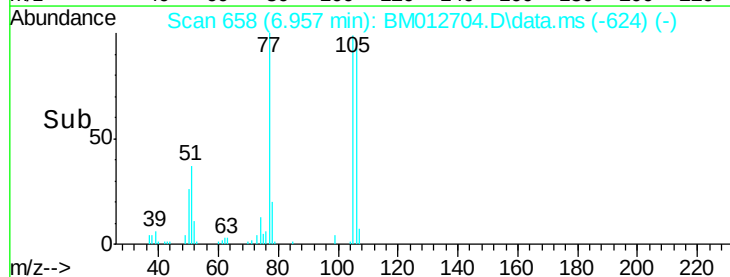
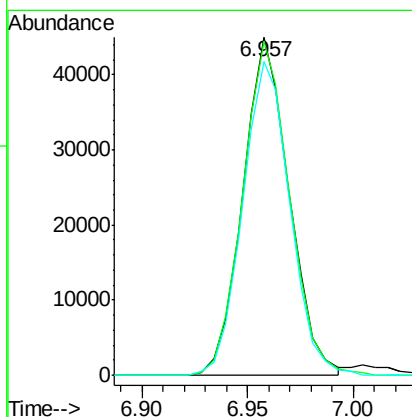
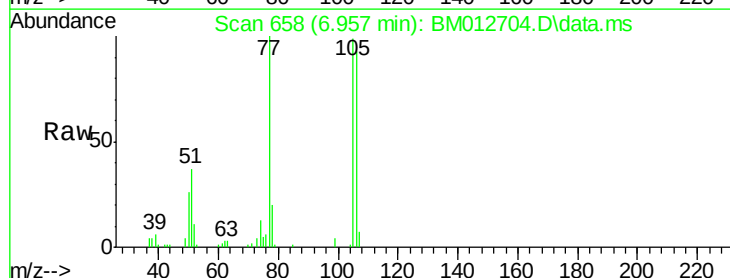
Tgt Ion: 77 Resp: 68287

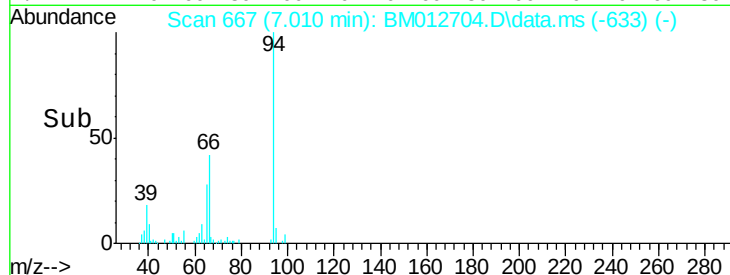
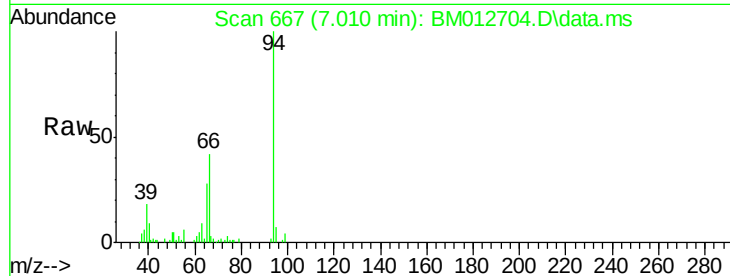
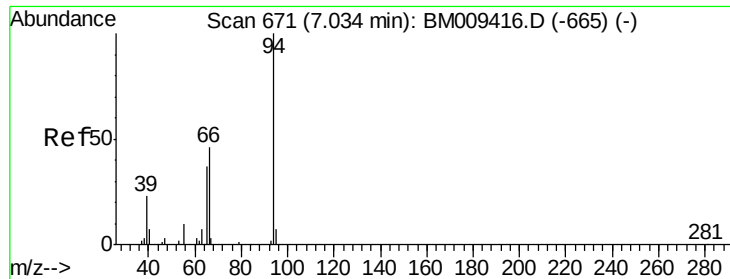
Ion Ratio Lower Upper

77 100

105 98.9 80.6 120.8

106 92.6 77.7 116.5





#6

Phenol

Concen: 14.22 ng/ul

RT: 7.010 min Scan# 66

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

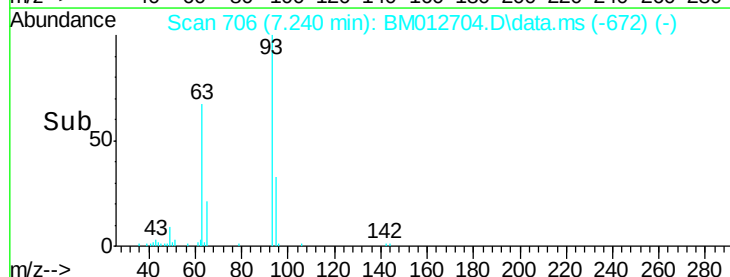
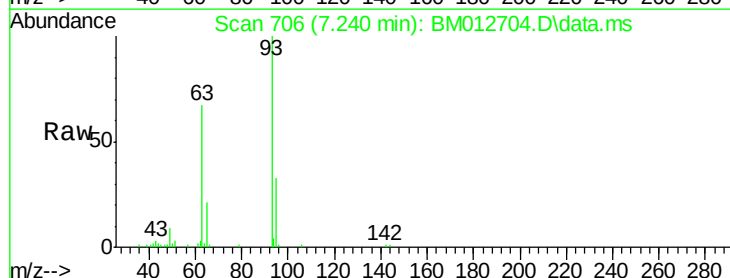
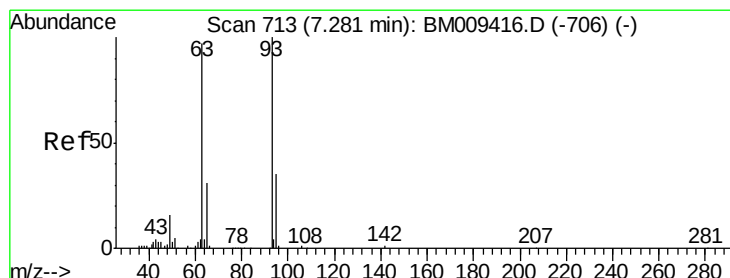
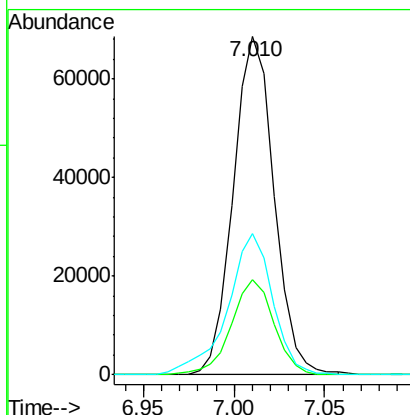
Tot Ion: 94 Resp: 107187

Ion Ratio Lower Upper

94 100

65 28.2 21.0 31.6

66 41.6 29.3 43.9



#8

Bis(2-Chloroethyl)ether

Concen: 13.81 ng/ul

RT: 7.240 min Scan# 706

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

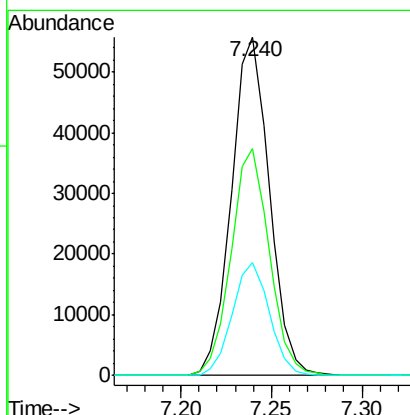
Tgt Ion: 93 Resp: 81149

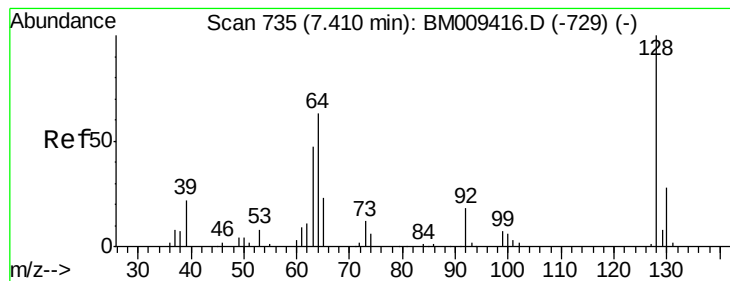
Ion Ratio Lower Upper

93 100

63 67.1 53.5 80.3

95 33.4 26.2 39.2





#10

2-Chlorophenol

Concen: 18.34 ng/ul

RT: 7.381 min Scan# 73

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

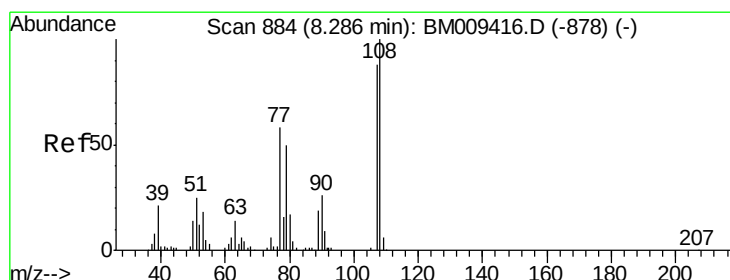
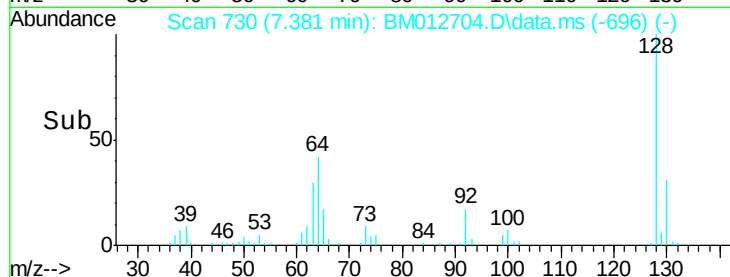
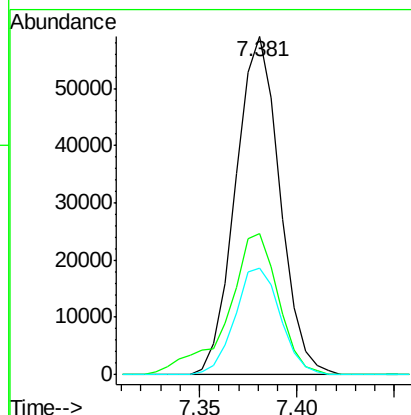
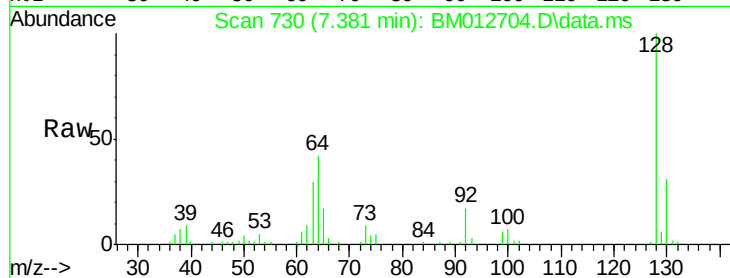
Tot Ion:128 Resp: 92618

Ion Ratio Lower Upper

128 100

64 41.7 31.9 47.9

130 31.3 25.6 38.4



#11

2-Methylphenol

Concen: 15.71 ng/ul

RT: 8.257 min Scan# 879

Delta R.T. 0.000 min

Lab File: BM012704.D

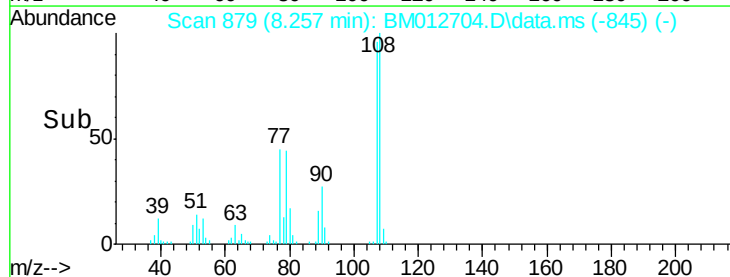
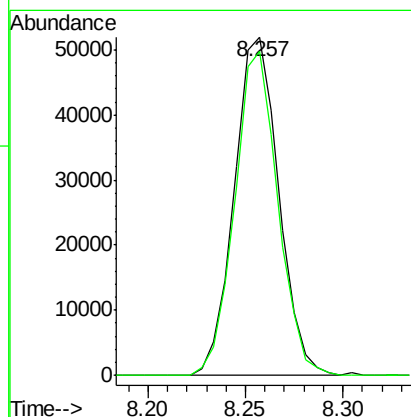
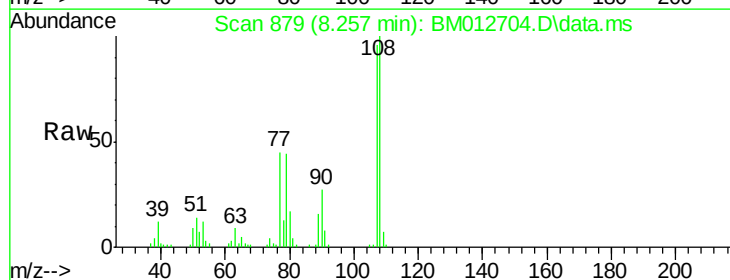
Acq: 04 Nov 2017 13:07

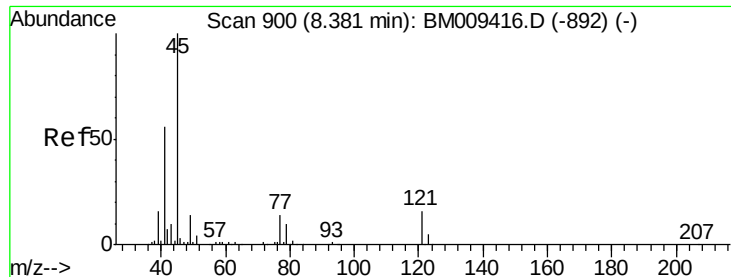
Tgt Ion:108 Resp: 81929

Ion Ratio Lower Upper

108 100

107 95.7 72.4 108.6





#12

2,2'-oxybis(1-Chloropropane)

Concen: 7.14 ng/ul

RT: 8.351 min Scan# 89

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

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ClientSampleId :

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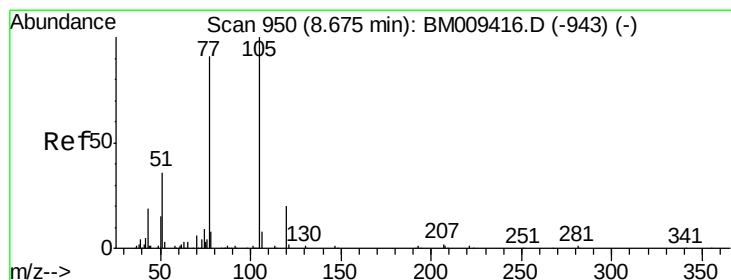
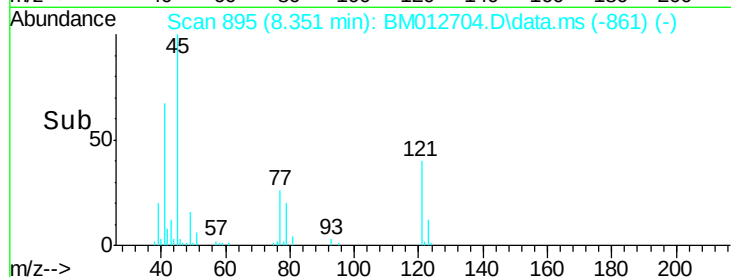
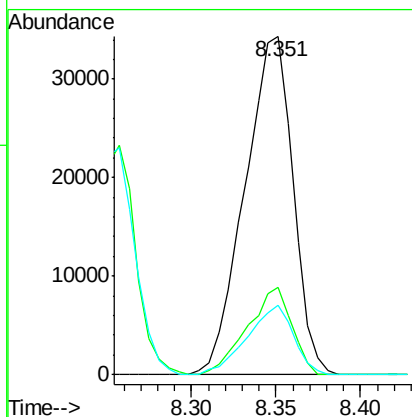
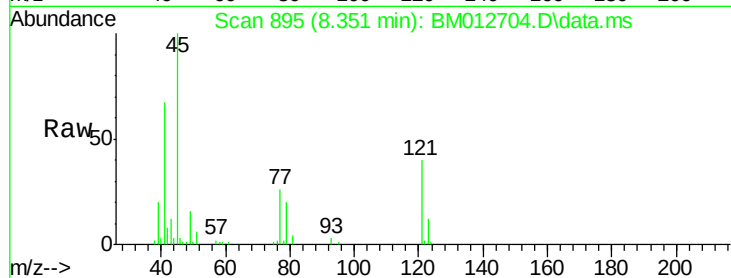
Tot Ion: 45 Resp: 68020

Ion Ratio Lower Upper

45 100

77 25.9 15.9 23.9#

79 20.4 12.5 18.7#



#14

Acetophenone

Concen: 15.40 ng/ul

RT: 8.634 min Scan# 943

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

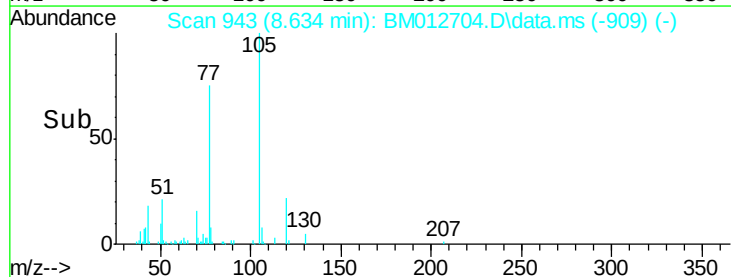
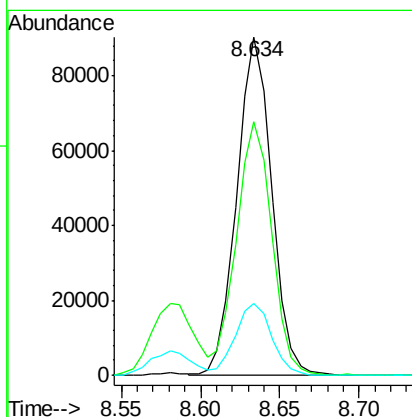
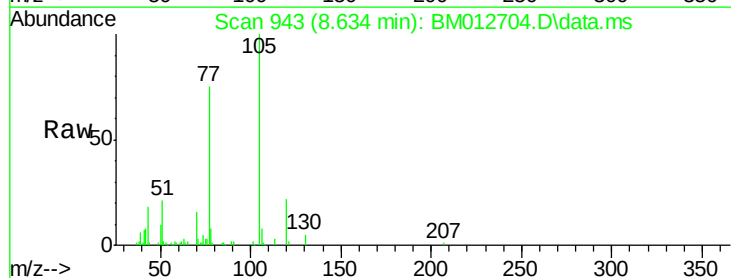
Tgt Ion: 105 Resp: 138178

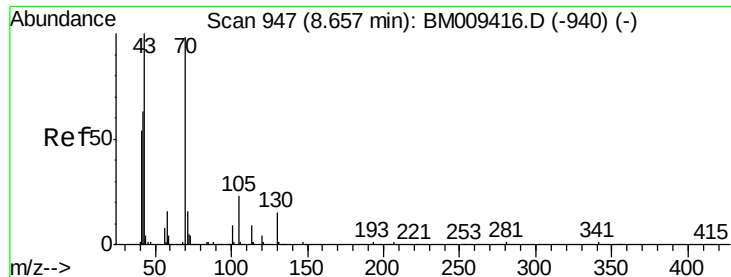
Ion Ratio Lower Upper

105 100

77 75.1 59.0 88.4

51 21.2 16.4 24.6

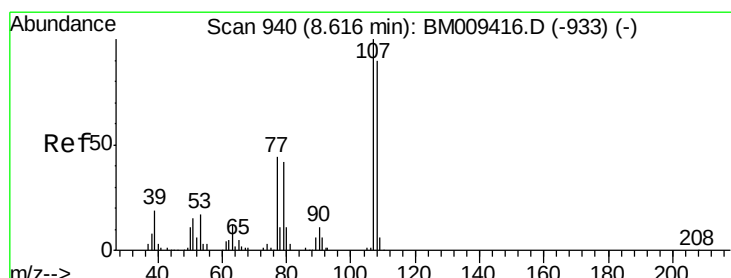
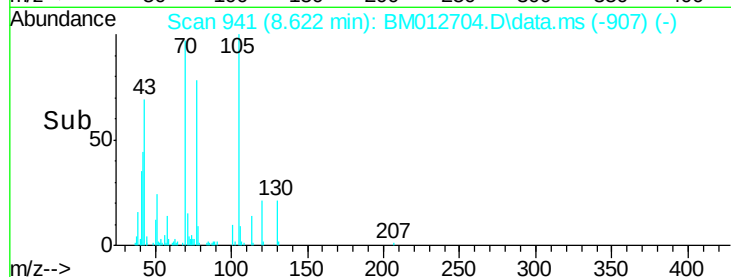
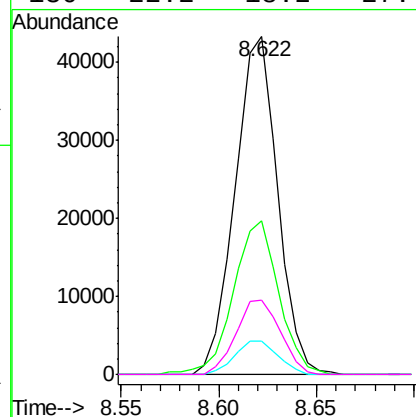
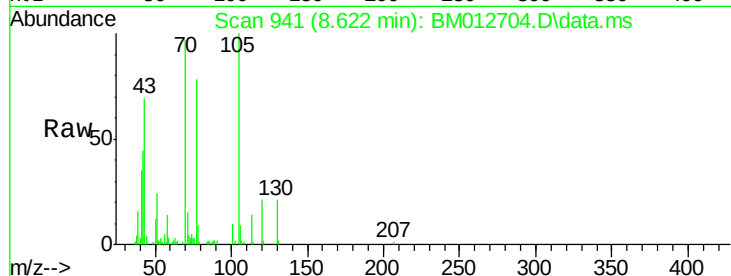




#15
N-Nitroso-di-n-propylamine
Concen: 12.66 ng/ul
RT: 8.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

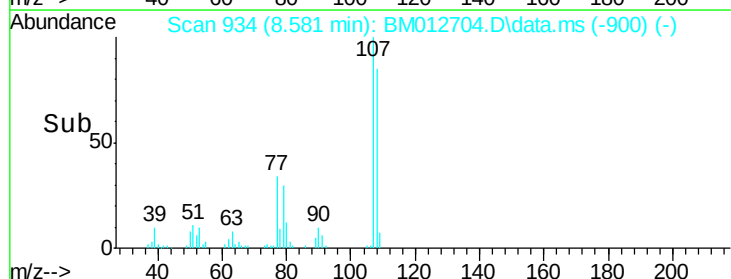
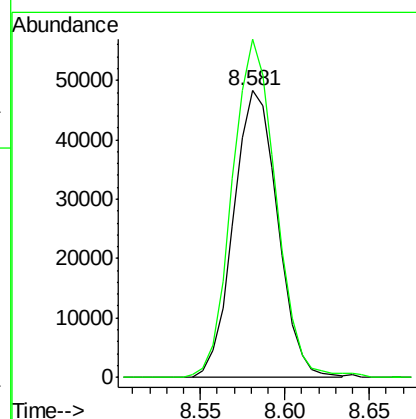
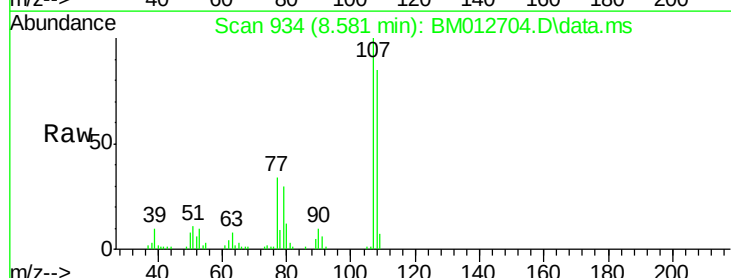
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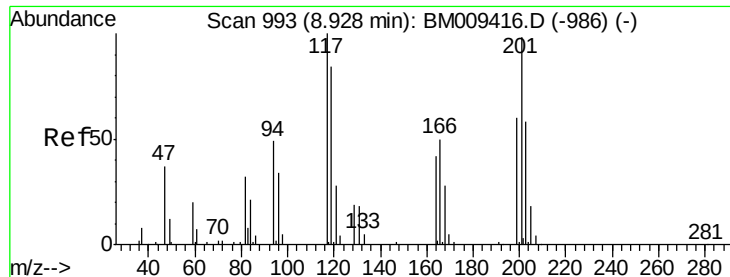
Tot Ion: 70 Resp: 65529
Ion Ratio Lower Upper
70 100
42 45.4 35.4 53.0
101 10.0 8.4 12.6
130 22.2 18.2 27.4



#16
4-Methylphenol
Concen: 15.47 ng/ul
RT: 8.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

Tgt Ion: 108 Resp: 87630
Ion Ratio Lower Upper
108 100
107 118.0 90.3 135.5





#17

Hexachloroethane

Concen: 15.31 ng/ul

RT: 8.887 min Scan# 98

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

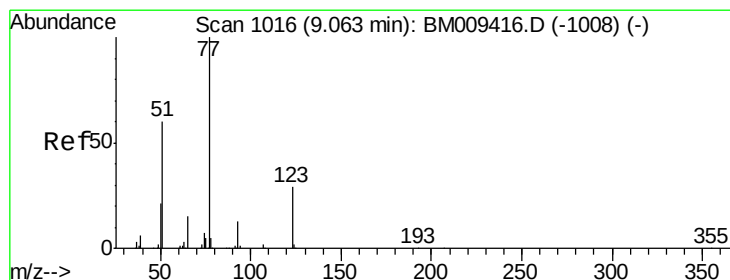
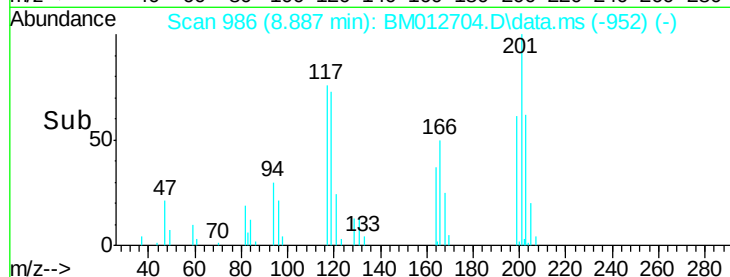
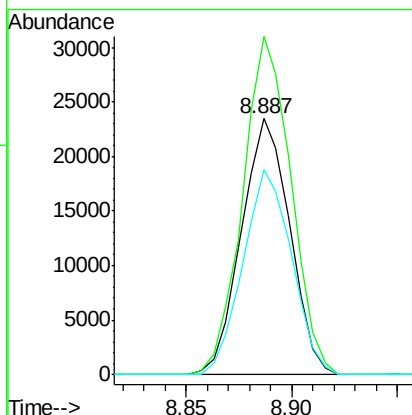
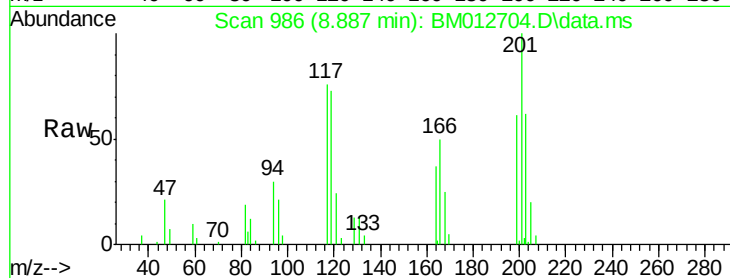
Tot Ion:117 Resp: 37305

Ion Ratio Lower Upper

117 100

201 132.1 81.5 122.3#

199 80.1 50.6 76.0#



#20

Nitrobenzene

Concen: 13.39 ng/ul

RT: 9.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

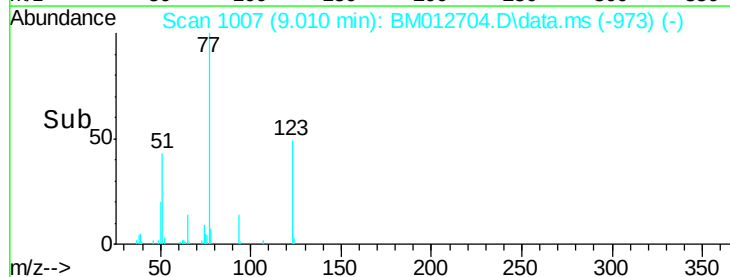
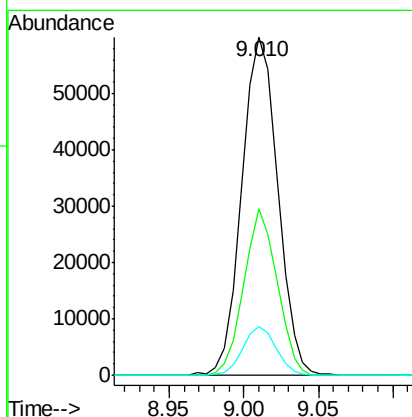
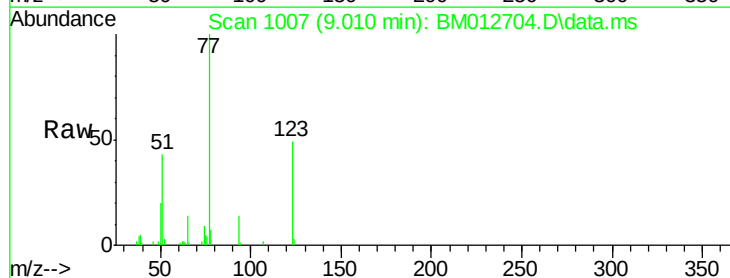
Tgt Ion: 77 Resp: 100176

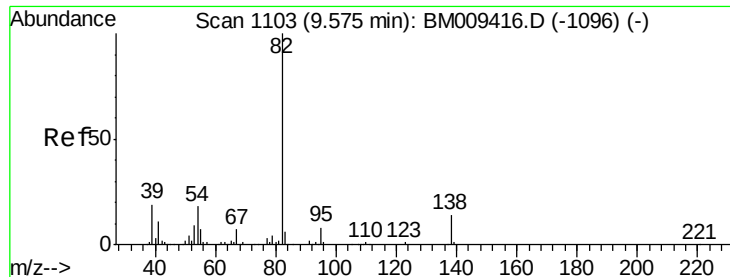
Ion Ratio Lower Upper

77 100

123 49.4 39.0 58.4

65 14.3 10.4 15.6





#21

Isophorone

Concen: 14.13 ng/ul

RT: 9.540 min Scan# 10

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

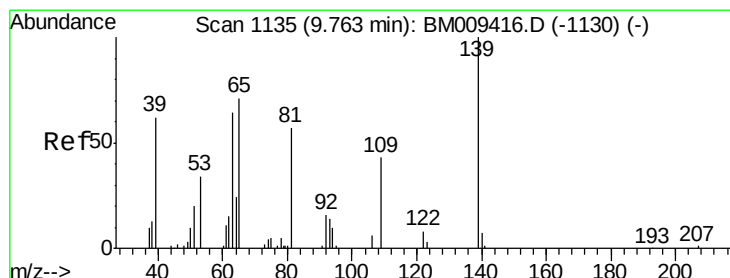
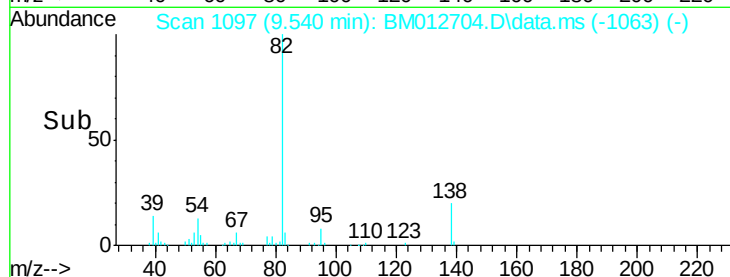
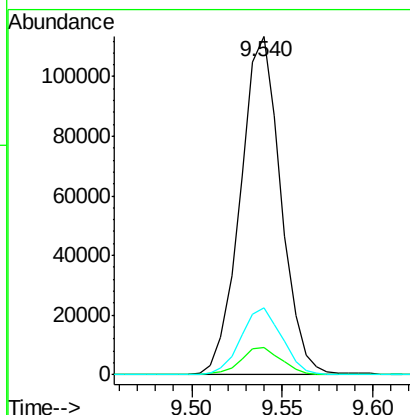
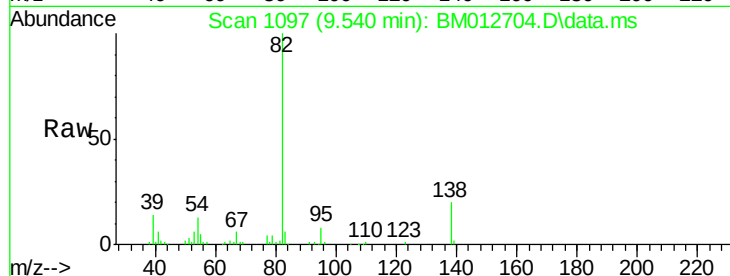
Tot Ion: 82 Resp: 175769

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

138 19.6 14.9 22.3



#23

2-Nitrophenol

Concen: 20.63 ng/ul

RT: 9.722 min Scan# 1128

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

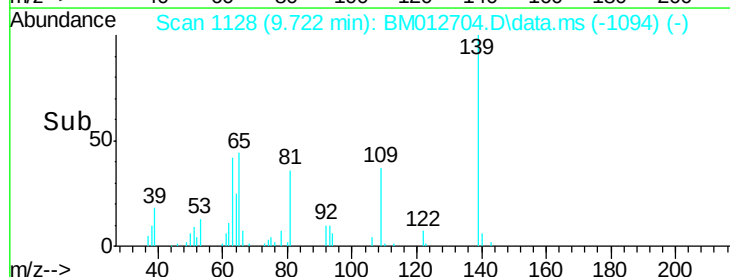
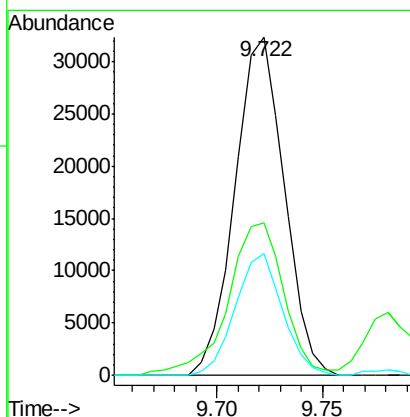
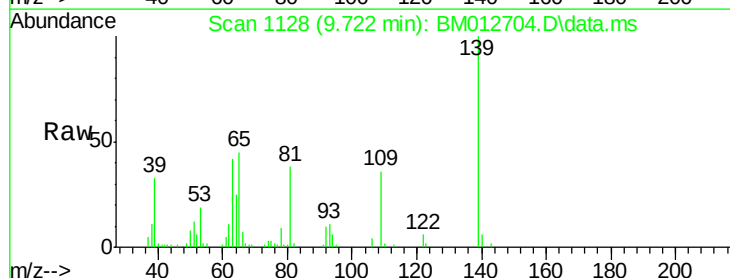
Tgt Ion: 139 Resp: 52492

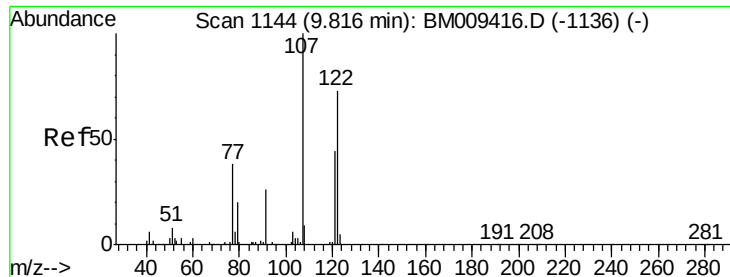
Ion Ratio Lower Upper

139 100

65 45.2 36.3 54.5

109 36.1 26.4 39.6





#24

2,4-Dimethylphenol

Concen: 16.70 ng/ul

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

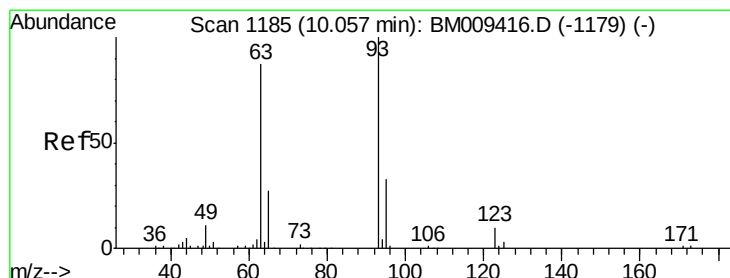
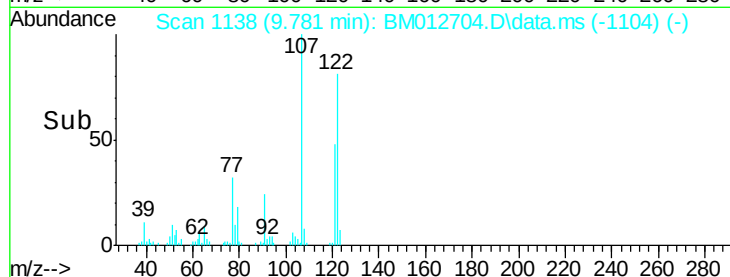
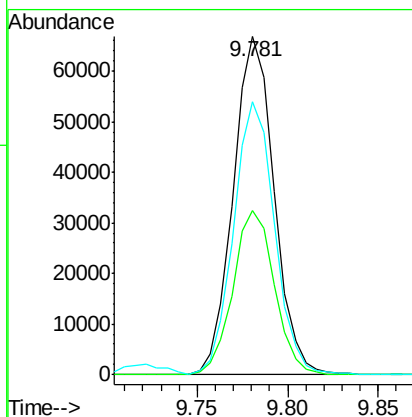
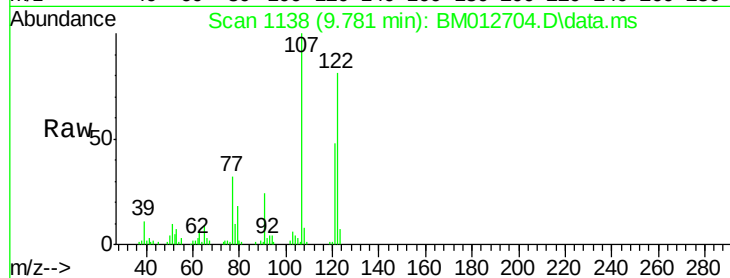
Tot Ion:107 Resp: 104944

Ion Ratio Lower Upper

107 100

121 48.5 40.6 61.0

122 80.9 67.8 101.6



#25

Bis(2-Chloroethoxy)methane

Concen: 15.13 ng/ul

RT: 10.016 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

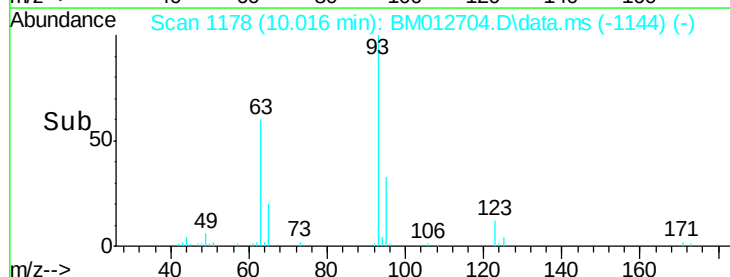
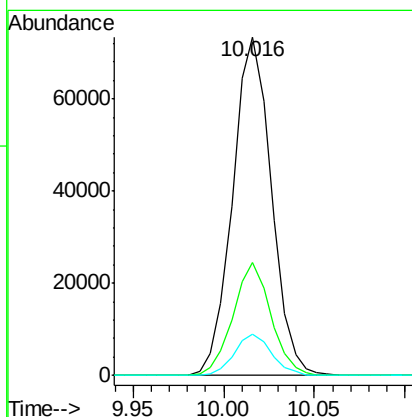
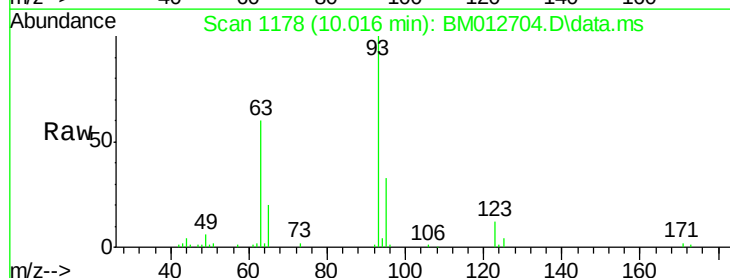
Tgt Ion: 93 Resp: 109080

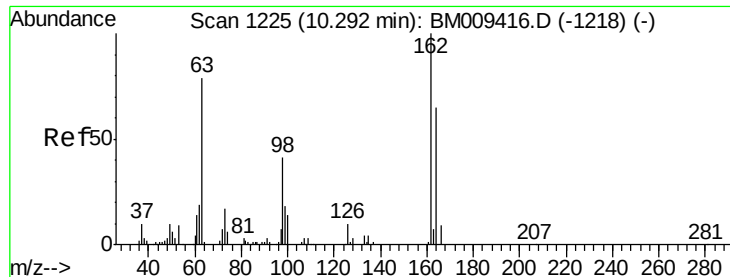
Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.8

123 12.2 9.8 14.8

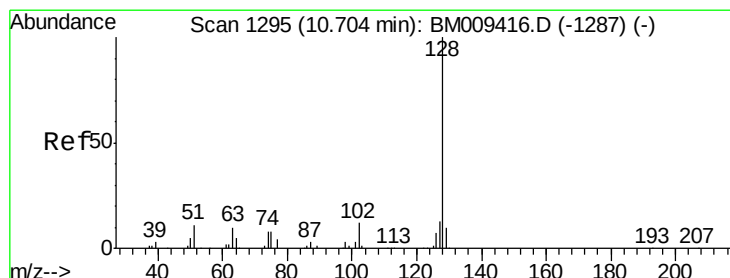
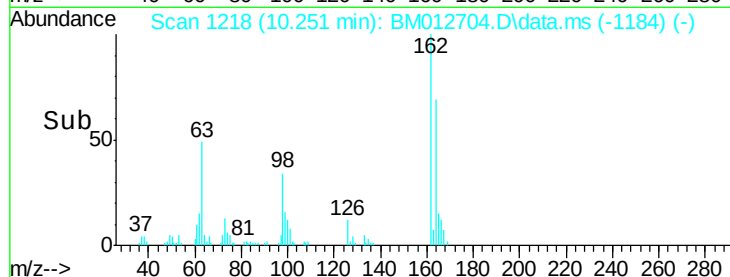
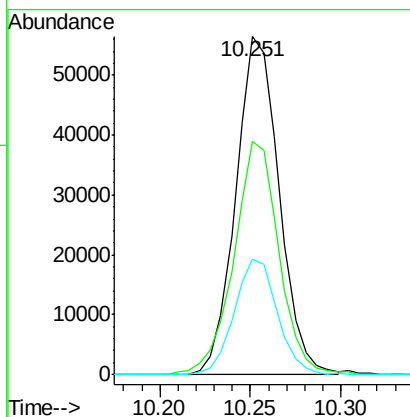
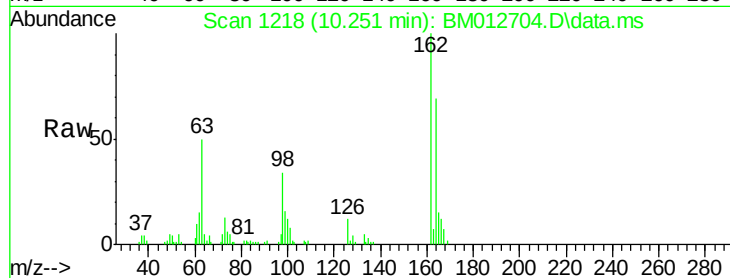




#27
2,4-Dichlorophenol
Concen: 19.78 ng/ul
RT: 10.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

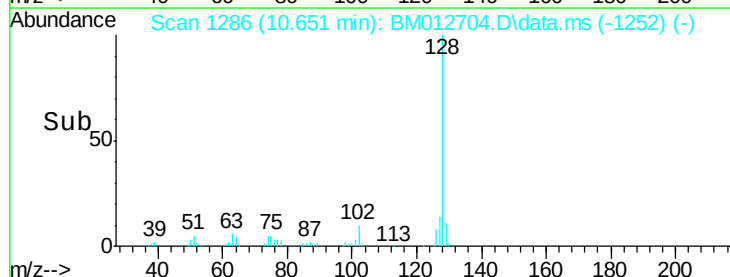
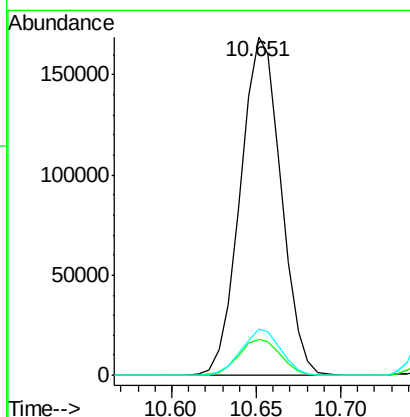
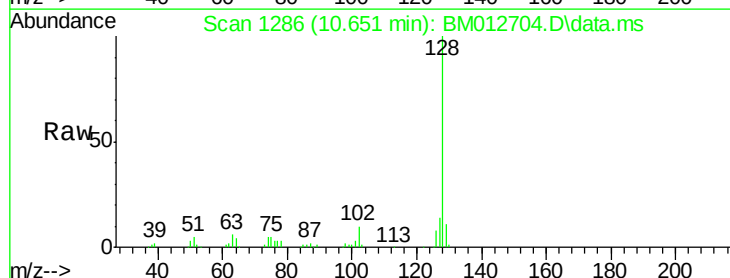
Instrument :
BNA_M
ClientSampleId :
SSTD02089

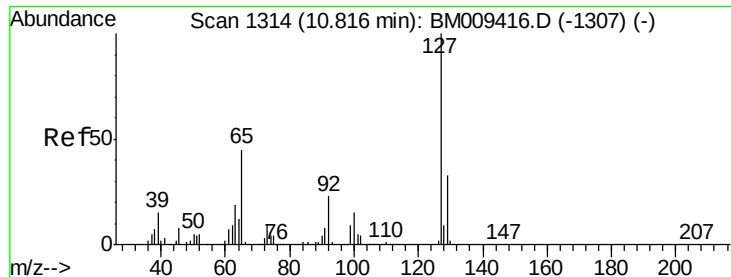
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.0	52.1	78.1
98	33.9	28.4	42.6



#28
Naphthalene
Concen: 18.49 ng/ul
RT: 10.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.8	10.5	15.7

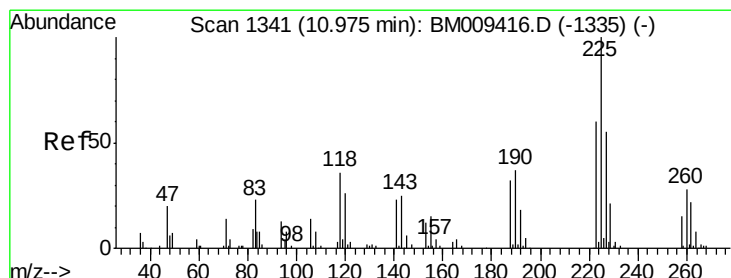
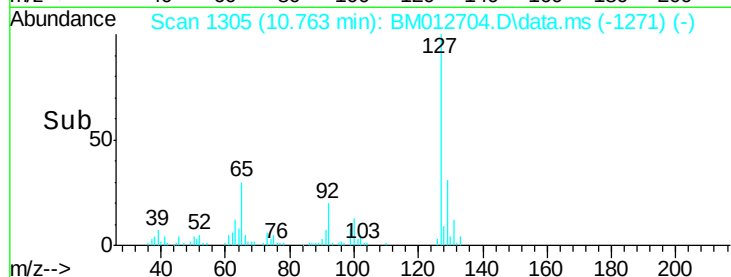
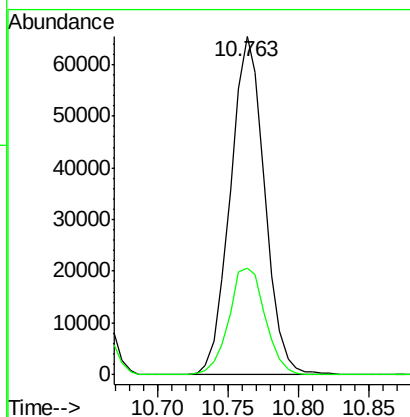
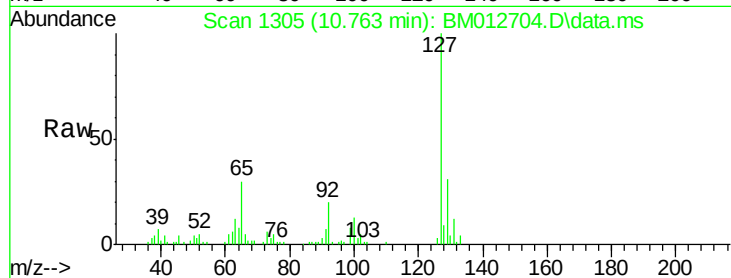




#30
4-Chloroaniline
Concen: 19.24 ng/ul
RT: 10.763 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

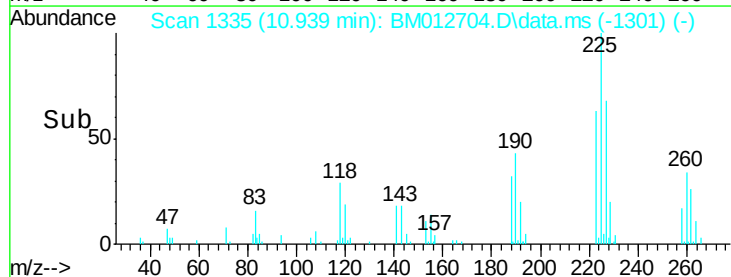
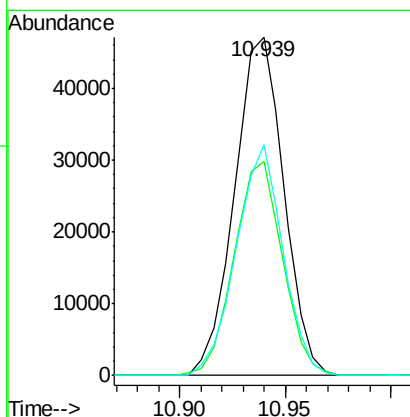
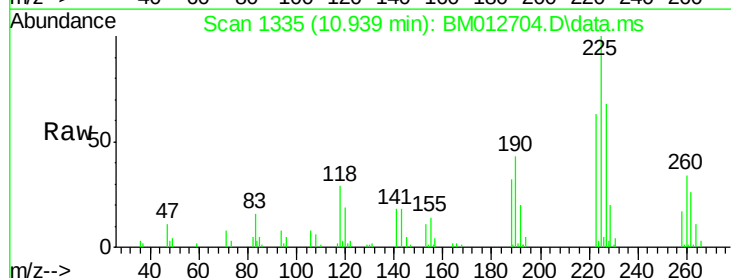
Instrument :
BNA_M
ClientSampleId :
SSTD02089

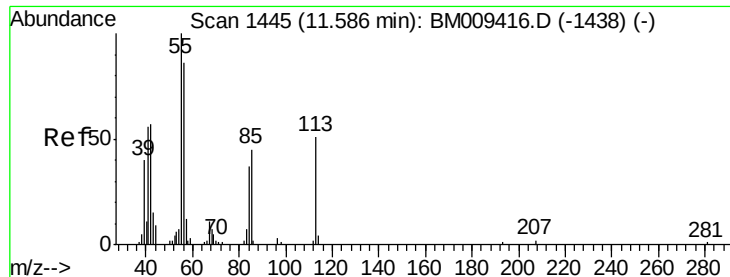
Tot Ion:127 Resp: 110583
Ion Ratio Lower Upper
127 100
129 31.4 25.4 38.2



#31
Hexachlorobutadiene
Concen: 20.49 ng/ul
RT: 10.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

Tgt Ion:225 Resp: 76197
Ion Ratio Lower Upper
225 100
223 63.5 51.4 77.2
227 68.3 50.7 76.1





#32

Caprolactam

Concen: 5.80 ng/ul

RT: 11.534 min Scan# 1445

Delta R.T. -0.018 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

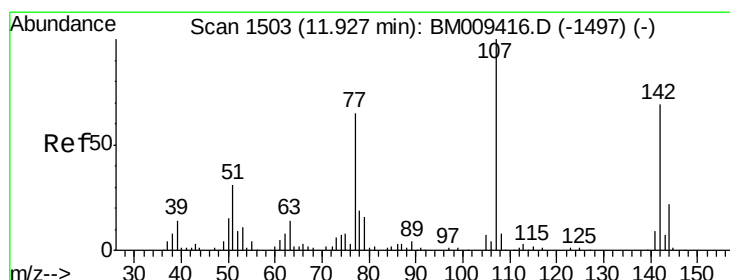
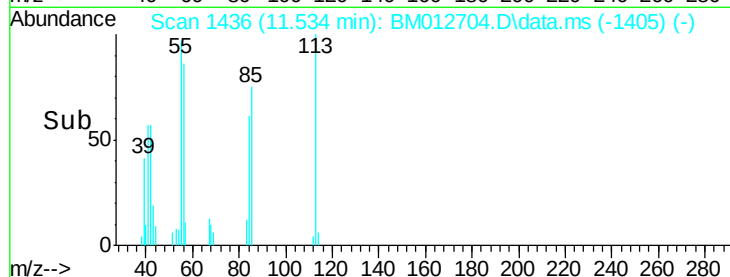
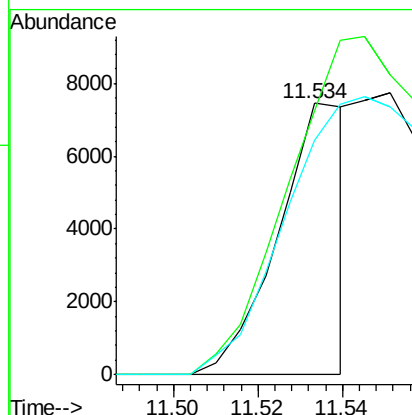
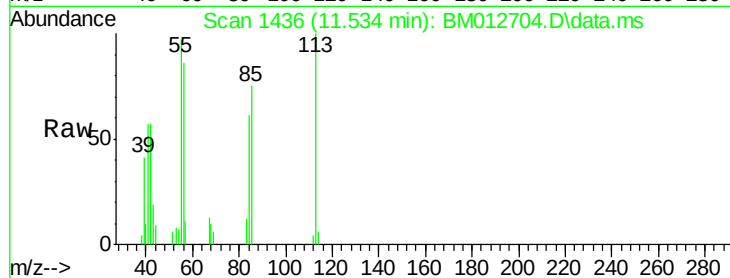
Tot Ion:113 Resp: 8491

Ion Ratio Lower Upper

113 100

55 97.2 101.9 152.9#

56 86.4 81.2 121.8



#33

4-Chloro-3-methylphenol

Concen: 17.04 ng/ul

RT: 11.892 min Scan# 1497

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

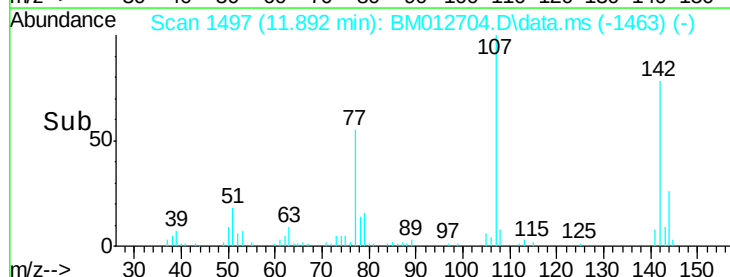
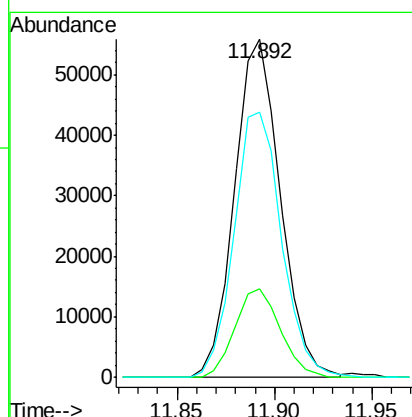
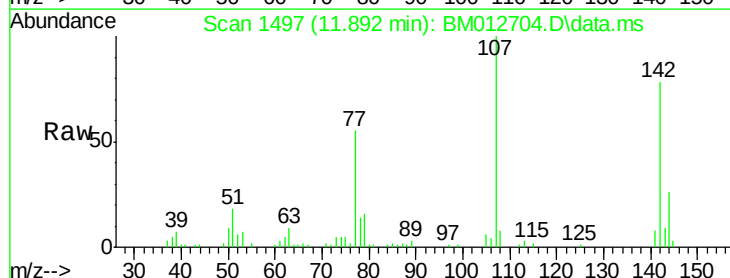
Tgt Ion:107 Resp: 90817

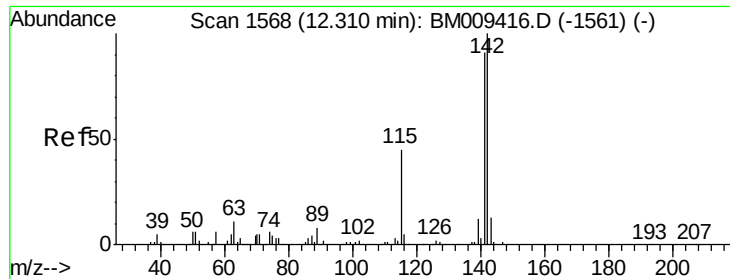
Ion Ratio Lower Upper

107 100

144 26.3 20.4 30.6

142 78.4 62.5 93.7

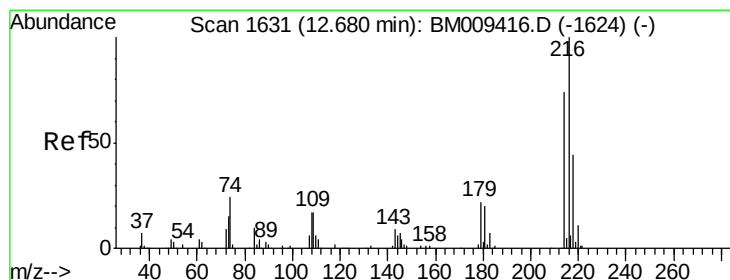
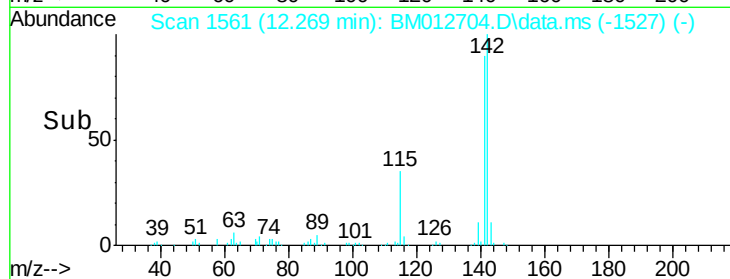
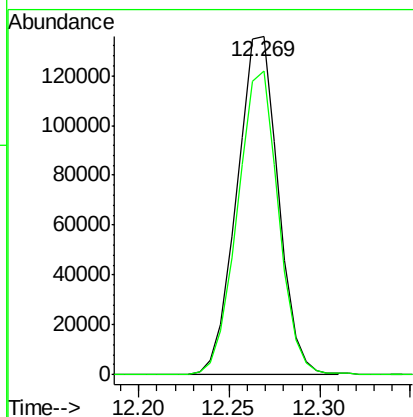
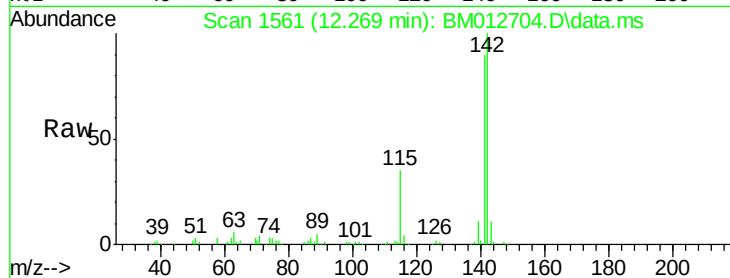




#34
2-Methylnaphthalene
Concen: 19.55 ng/ul
RT: 12.269 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

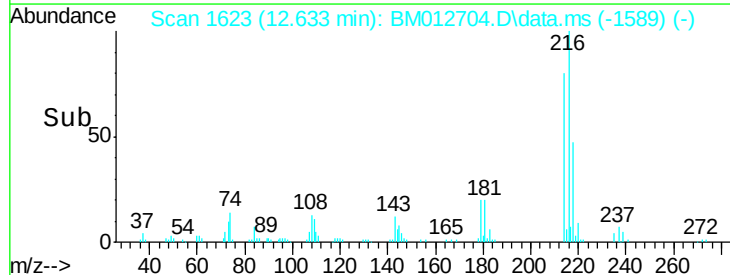
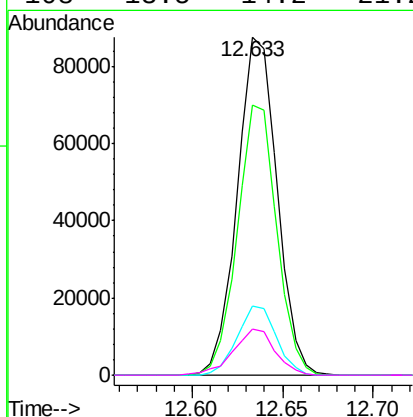
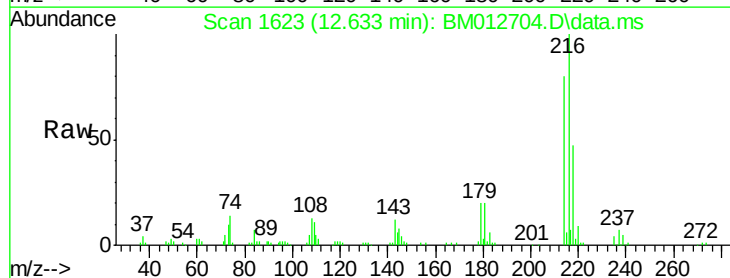
Instrument :
BNA_M
ClientSampleId :
SSTD02089

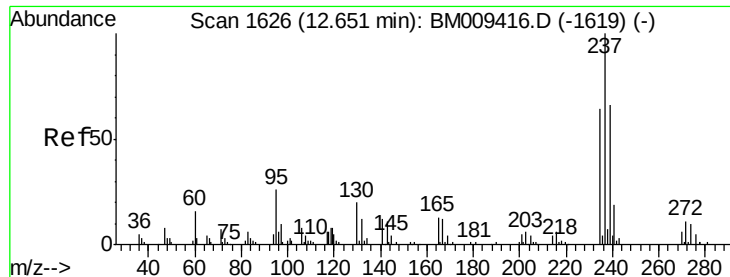
Tot Ion:142 Resp: 215296
Ion Ratio Lower Upper
142 100
141 89.9 71.6 107.4



#36
1,2,4,5-Tetrachlorobenzene
Concen: 22.26 ng/ul
RT: 12.633 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

Tgt Ion:216 Resp: 133833
Ion Ratio Lower Upper
216 100
214 79.9 62.5 93.7
179 20.5 18.2 27.2
108 13.5 14.2 21.2#





#37

Hexachlorocyclopentadiene

Concen: 15.37 ng/ul

RT: 12.616 min Scan# 16

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

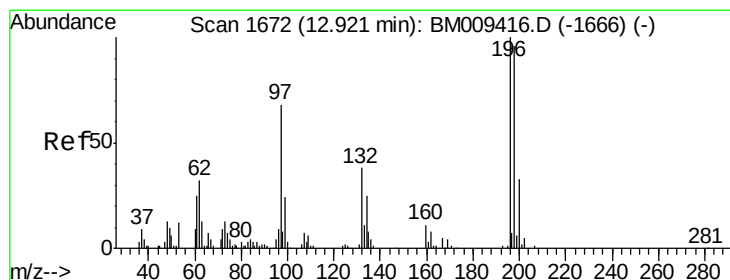
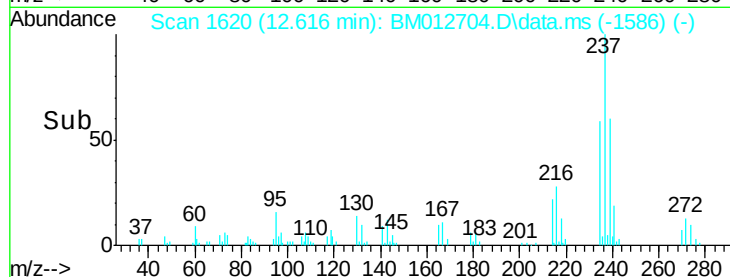
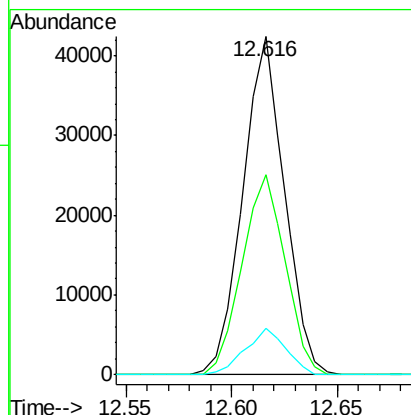
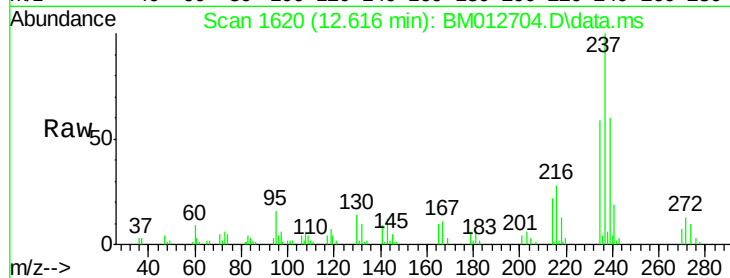
Tot Ion:237 Resp: 57970

Ion Ratio Lower Upper

237 100

235 59.1 50.4 75.6

272 13.5 9.6 14.4



#38

2,4,6-Trichlorophenol

Concen: 23.60 ng/ul

RT: 12.881 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

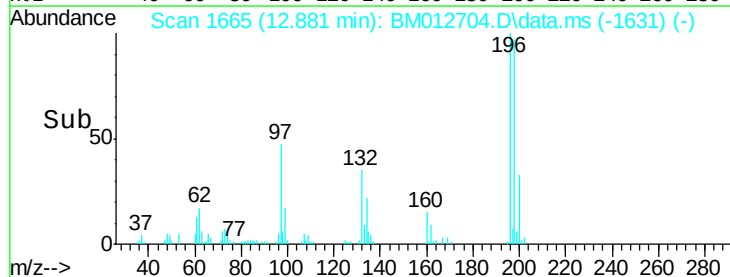
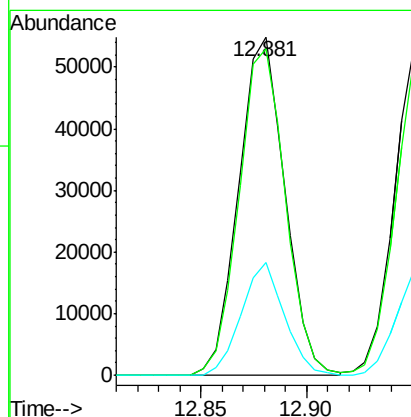
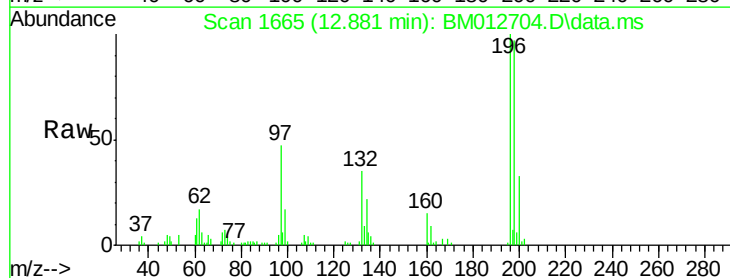
Tgt Ion:196 Resp: 83089

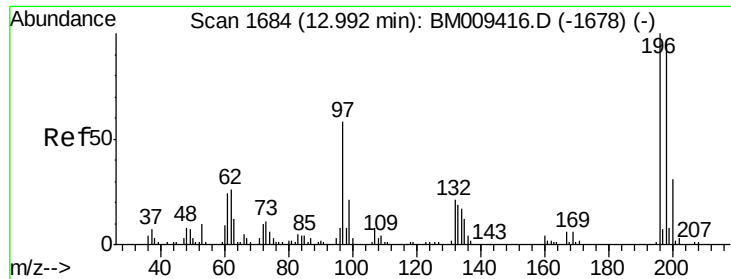
Ion Ratio Lower Upper

196 100

198 96.5 76.6 114.8

200 33.3 24.7 37.1

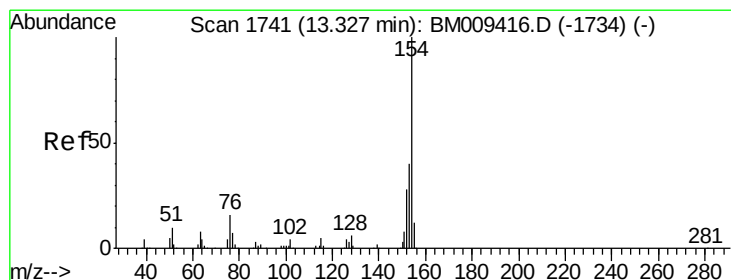
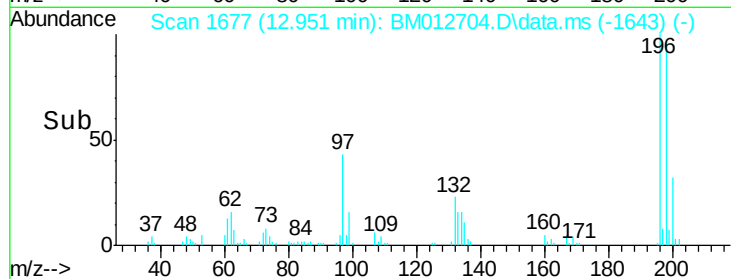
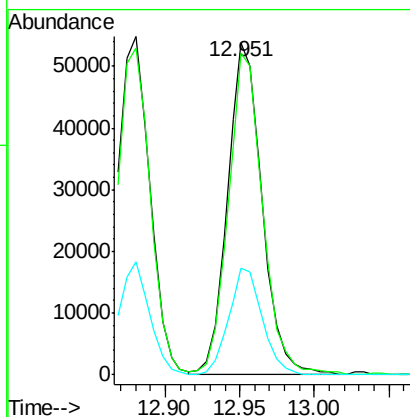
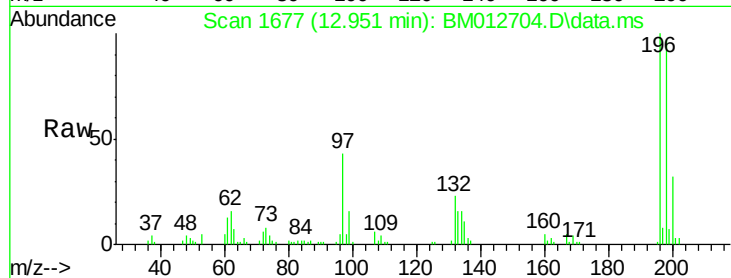




#39
 2,4,5-Trichlorophenol
 Concen: 22.78 ng/ul
 RT: 12.951 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: BM012704.D
 Acq: 04 Nov 2017 13:07

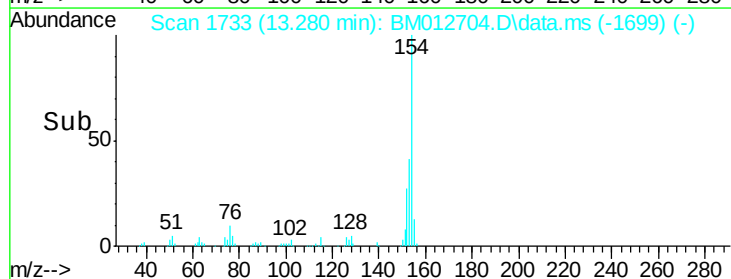
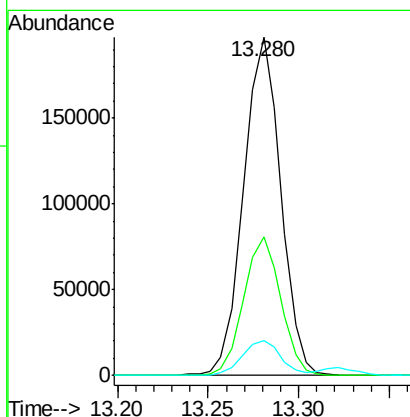
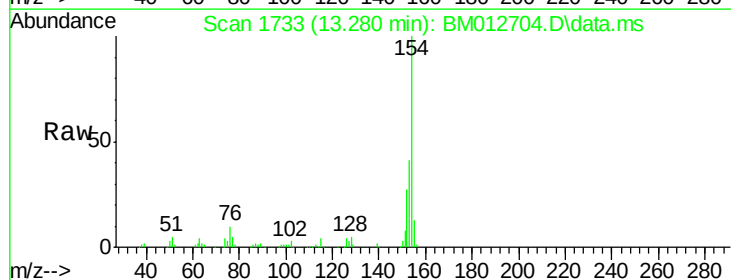
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02089

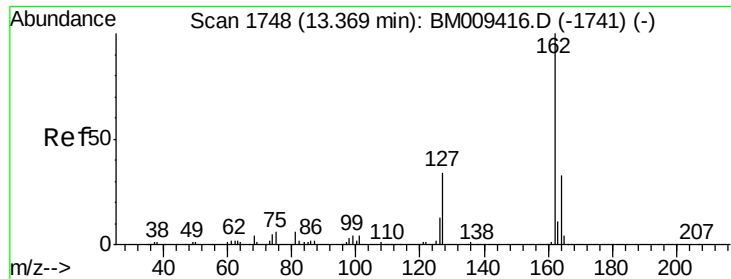
Tot Ion:196 Resp: 86552
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.9 115.3
 200 31.9 25.0 37.4



#40
 1,1'-Biphenyl
 Concen: 21.21 ng/ul
 RT: 13.280 min Scan# 1733
 Delta R.T. 0.000 min
 Lab File: BM012704.D
 Acq: 04 Nov 2017 13:07

Tgt Ion:154 Resp: 280445
 Ion Ratio Lower Upper
 154 100
 153 41.0 32.1 48.1
 76 10.3 9.5 14.3

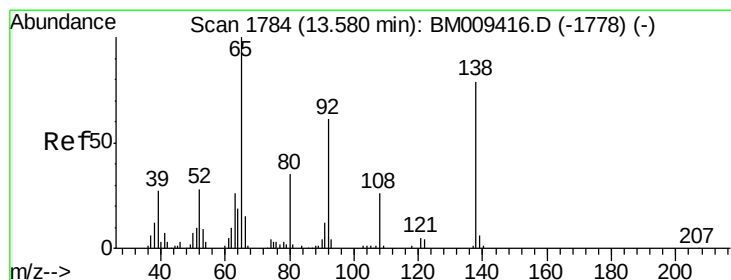
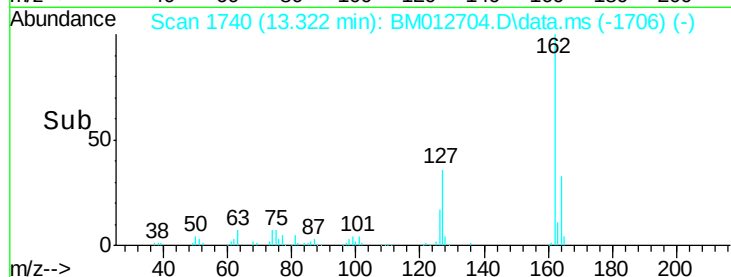
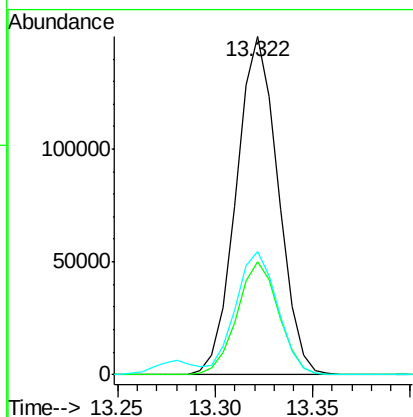
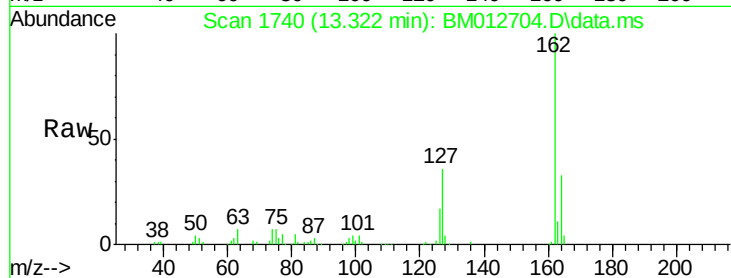




#41
2-Chloronaphthalene
Concen: 21.60 ng/ul
RT: 13.322 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

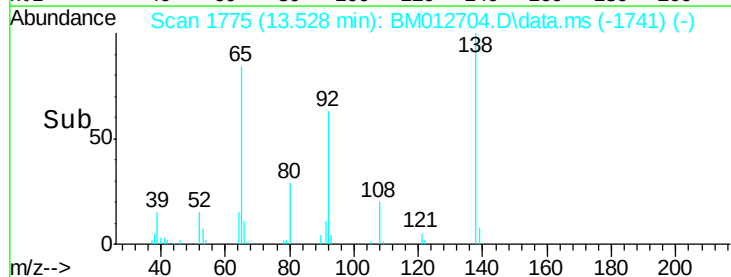
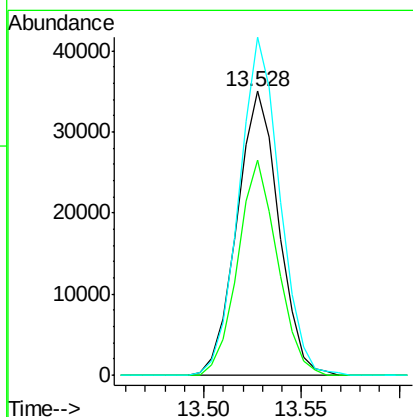
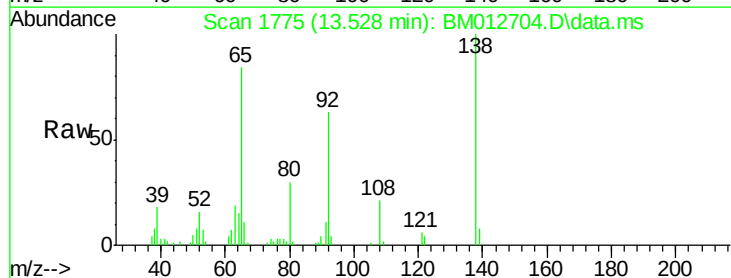
Instrument :
BNA_M
ClientSampleId :
SSTD02089

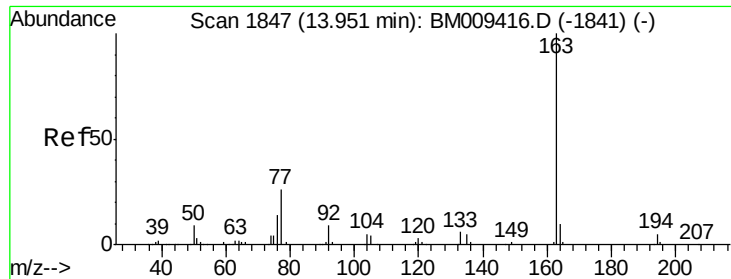
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.3	25.9	38.9
127	36.2	34.1	51.1



#42
2-Nitroaniline
Concen: 13.70 ng/ul
RT: 13.528 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	60.4	90.6
138	119.0	99.8	149.6





#44

Dimethylphthalate

Concen: 21.66 ng/ul

RT: 13.904 min Scan# 18

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

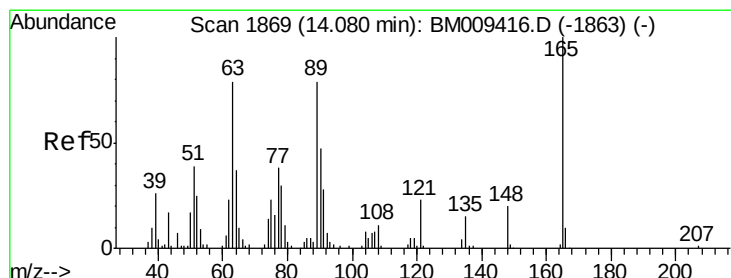
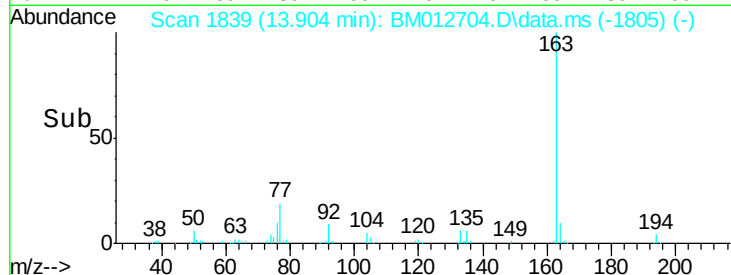
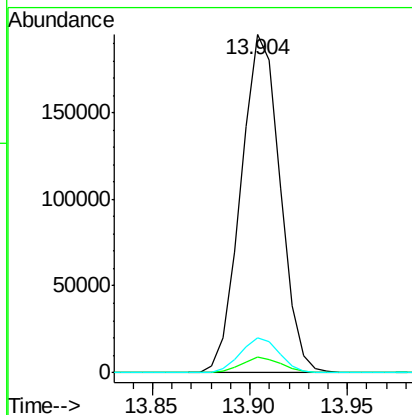
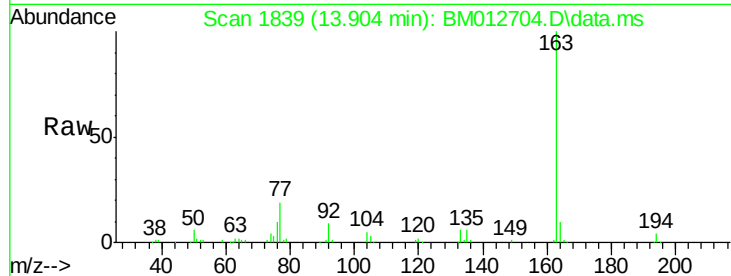
Tot Ion:163 Resp: 271973

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 10.2 7.8 11.8



#45

2,6-Dinitrotoluene

Concen: 22.47 ng/ul

RT: 14.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

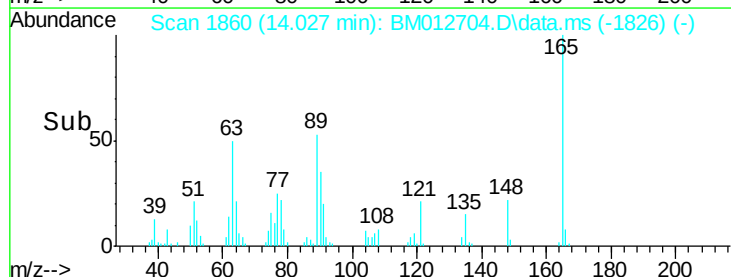
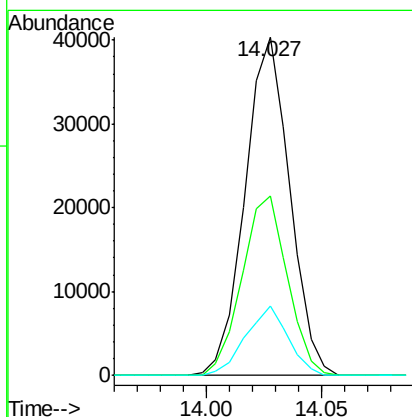
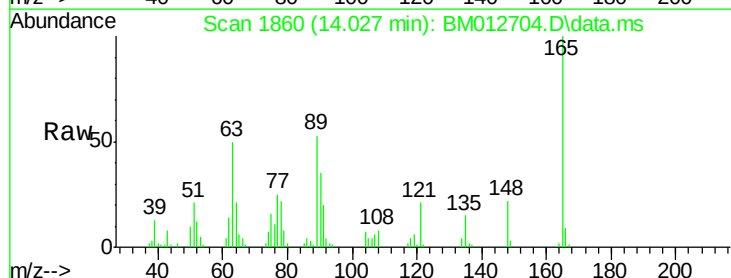
Tgt Ion:165 Resp: 54524

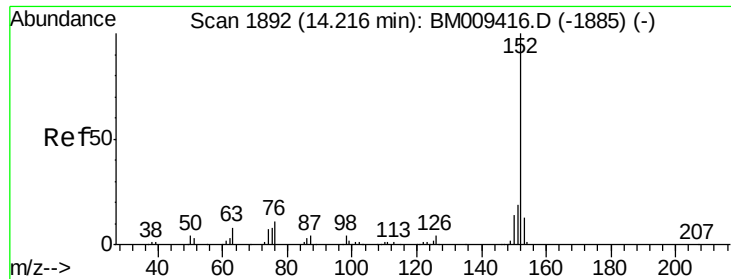
Ion Ratio Lower Upper

165 100

89 53.2 42.4 63.6

121 20.7 16.6 24.8





#47

Acenaphthylene

Concen: 21.45 ng/ul

RT: 14.169 min Scan# 18

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

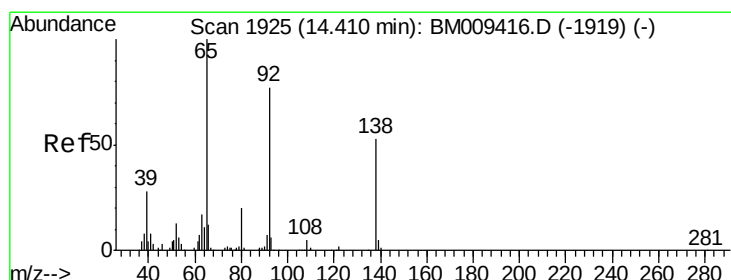
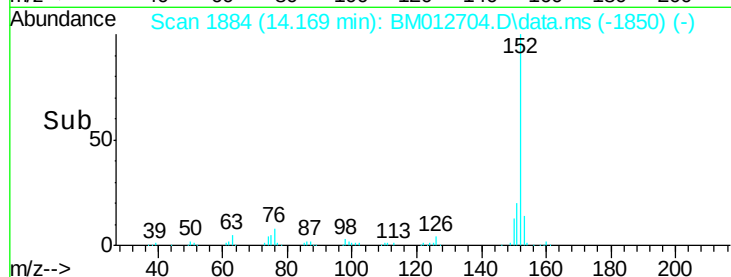
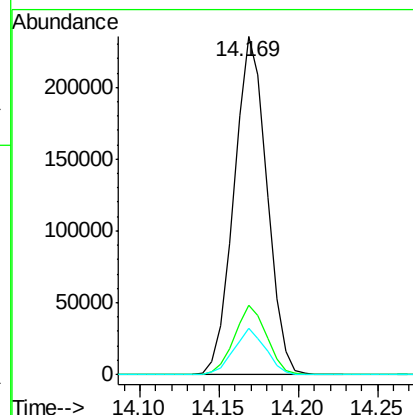
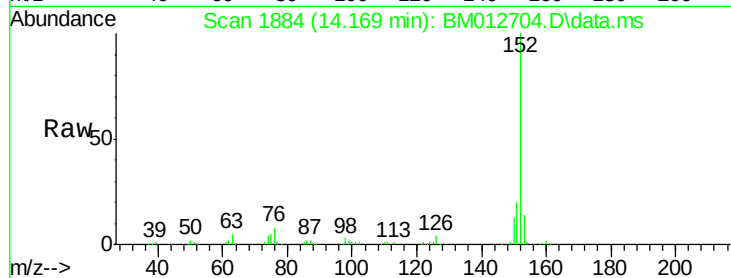
Tot Ion:152 Resp: 337445

Ion Ratio Lower Upper

152 100

151 20.4 15.7 23.5

153 13.6 10.5 15.7



#48

3-Nitroaniline

Concen: 19.52 ng/ul

RT: 14.357 min Scan# 1916

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

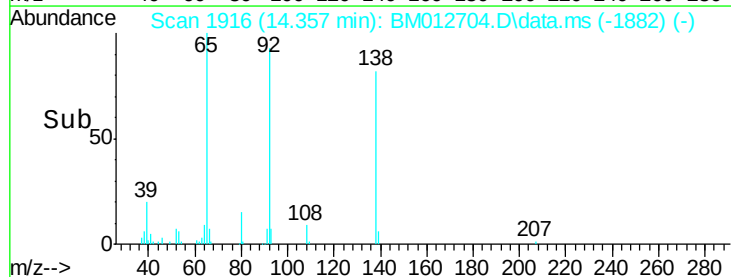
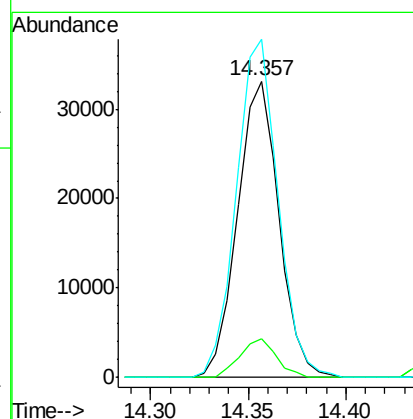
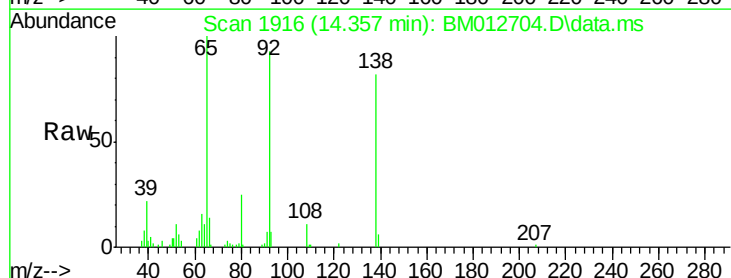
Tgt Ion:138 Resp: 48849

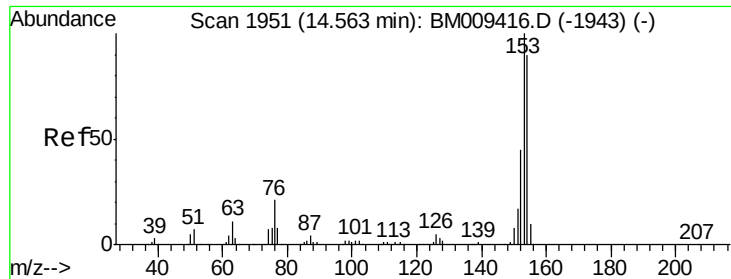
Ion Ratio Lower Upper

138 100

108 12.9 8.7 13.1

92 114.2 88.2 132.4





#49

Acenaphthene

Concen: 20.57 ng/ul

RT: 14.516 min Scan# 19

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

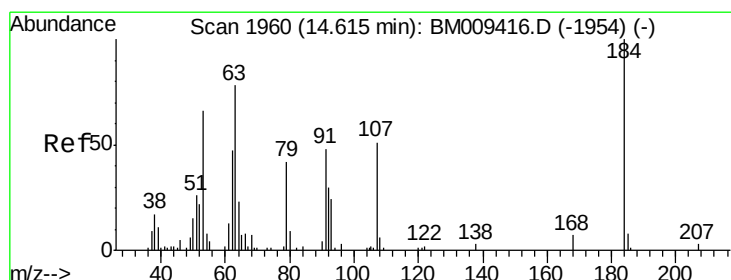
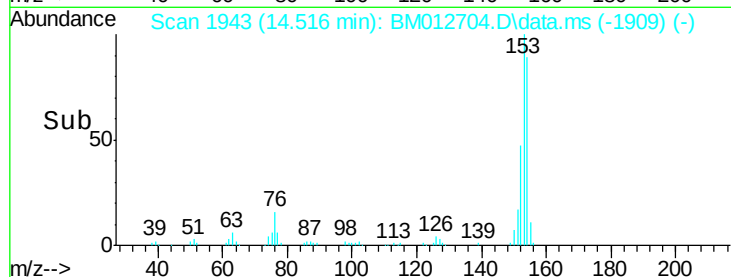
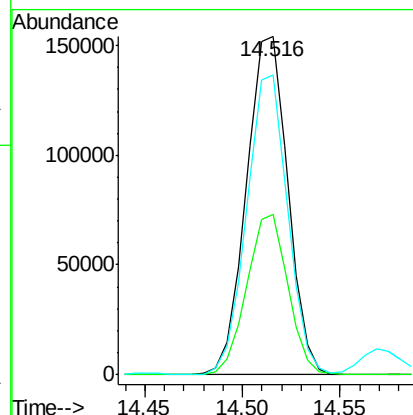
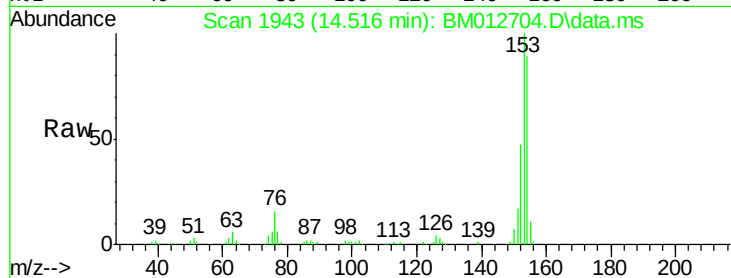
Tot Ion:153 Resp: 227178

Ion Ratio Lower Upper

153 100

152 47.4 38.3 57.5

154 88.8 71.8 107.8



#50

2,4-Dinitrophenol

Concen: 17.62 ng/ul

RT: 14.569 min Scan# 1952

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

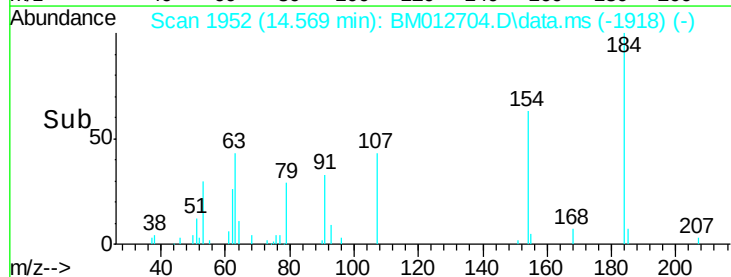
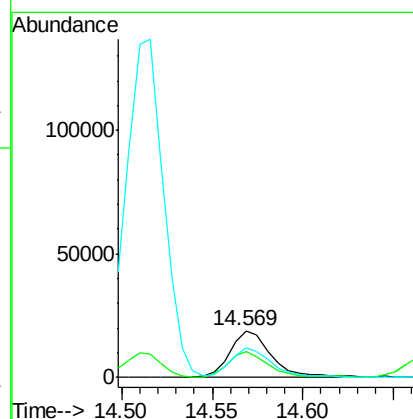
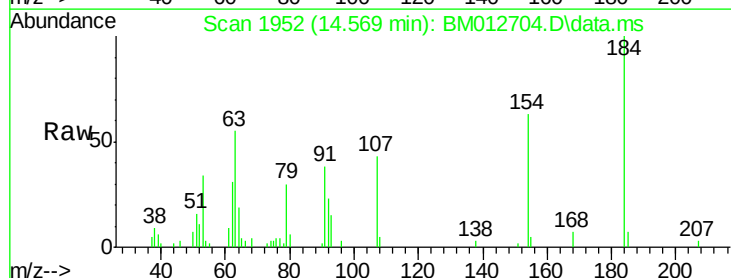
Tgt Ion:184 Resp: 29386

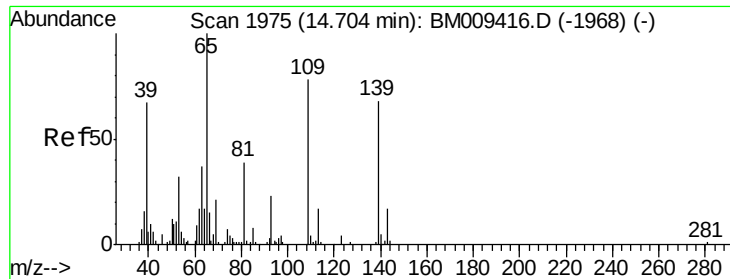
Ion Ratio Lower Upper

184 100

63 55.0 46.5 69.7

154 63.4 54.6 82.0





#52

4-Nitrophenol

Concen: 13.86 ng/ul

RT: 14.669 min Scan# 19

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

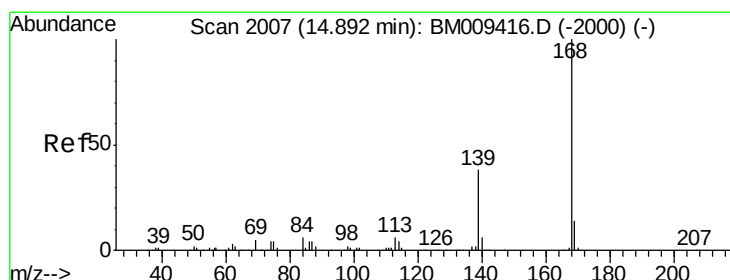
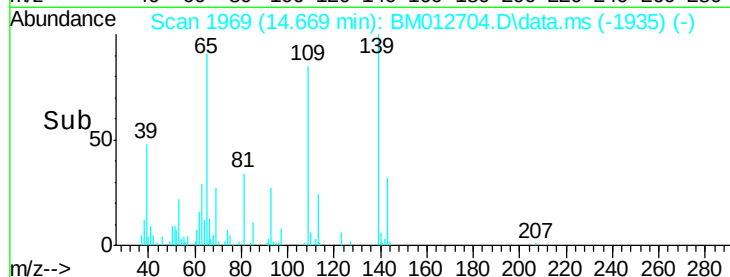
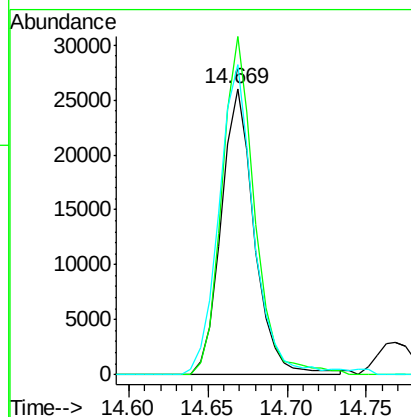
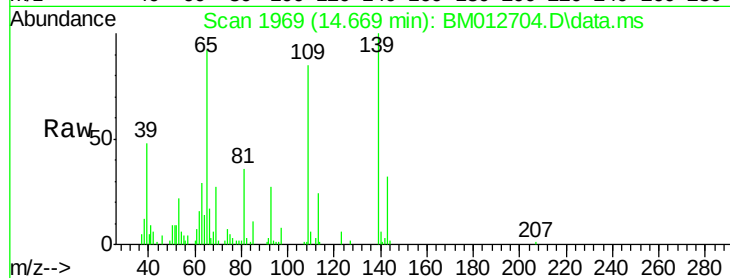
Tot Ion:109 Resp: 37685

Ion Ratio Lower Upper

109 100

139 118.2 103.7 155.5

65 108.3 89.4 134.2



#53

Dibenzofuran

Concen: 20.79 ng/ul

RT: 14.851 min Scan# 2000

Delta R.T. 0.000 min

Lab File: BM012704.D

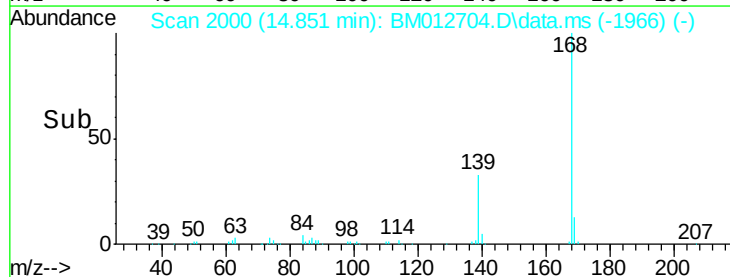
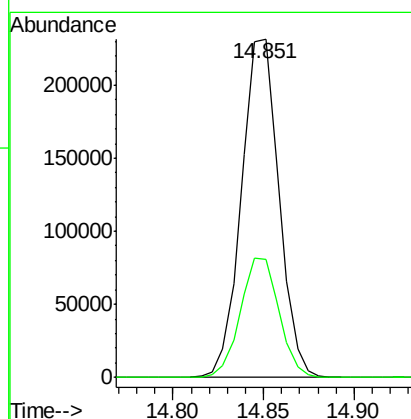
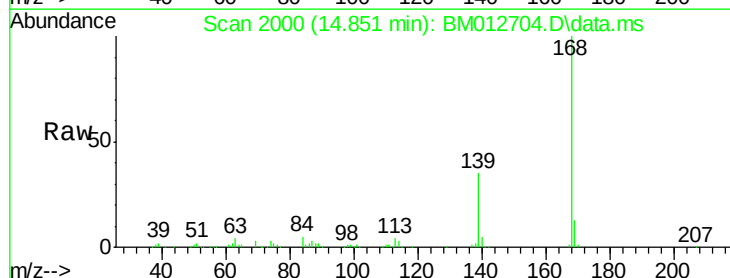
Acq: 04 Nov 2017 13:07

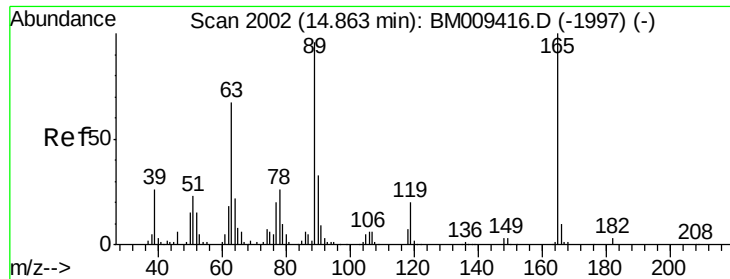
Tgt Ion:168 Resp: 332782

Ion Ratio Lower Upper

168 100

139 35.0 32.2 48.2

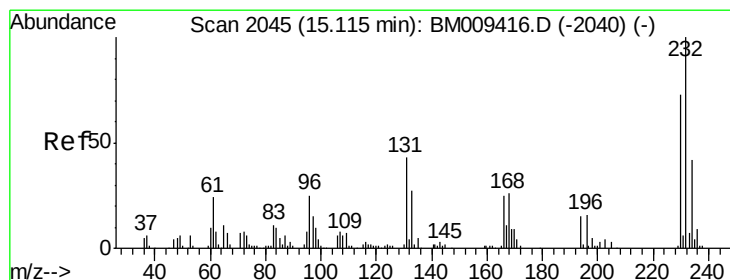
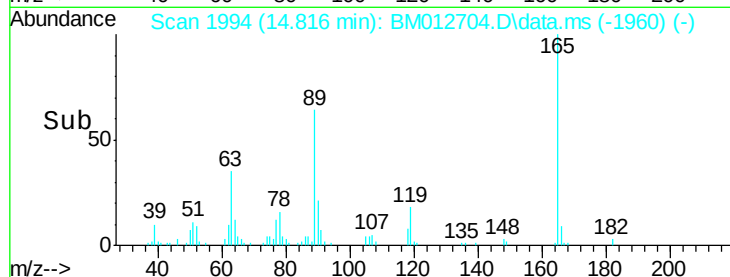
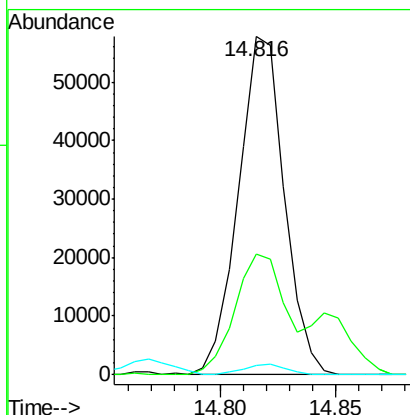
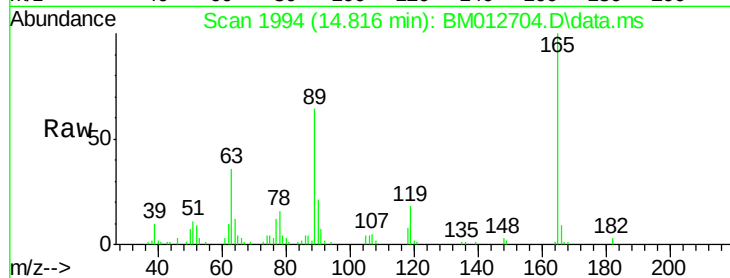




#54
 2,4-Dinitrotoluene
 Concen: 22.10 ng/ul
 RT: 14.816 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BM012704.D
 Acq: 04 Nov 2017 13:07

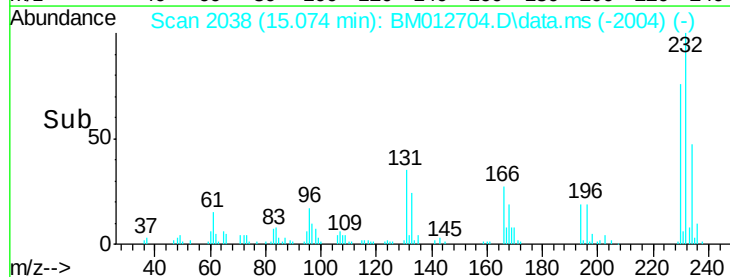
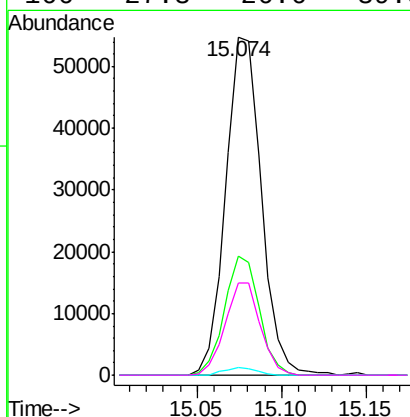
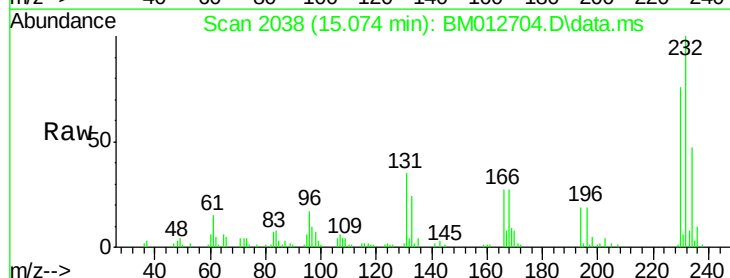
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02089

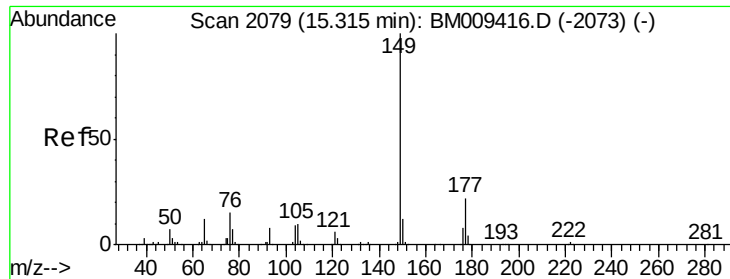
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.6	29.8	44.6
182	2.6	2.2	3.4



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 23.46 ng/ul
 RT: 15.074 min Scan# 2038
 Delta R.T. 0.000 min
 Lab File: BM012704.D
 Acq: 04 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.1	39.4	59.2#
130	2.5	2.2	3.2
166	27.3	26.6	39.8





#56

Diethylphthalate

Concen: 20.28 ng/ul

RT: 15.274 min Scan# 2079

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

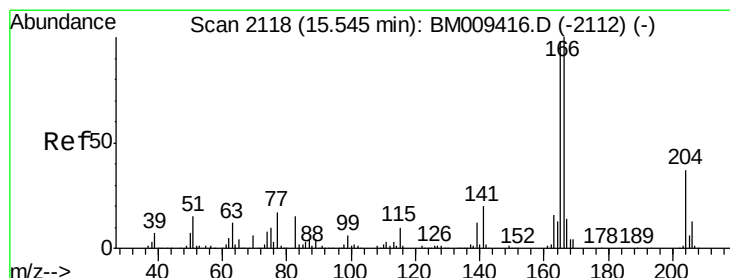
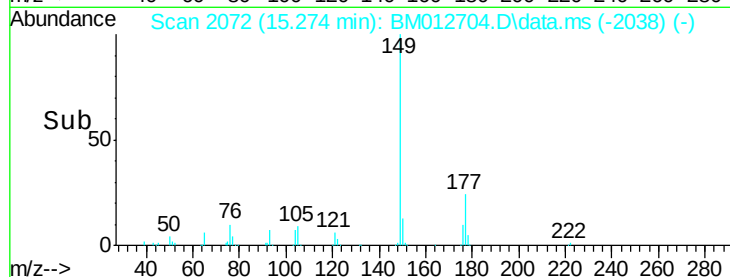
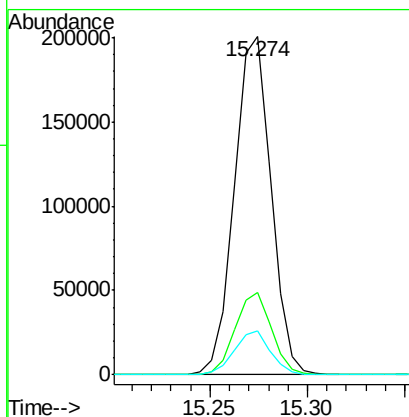
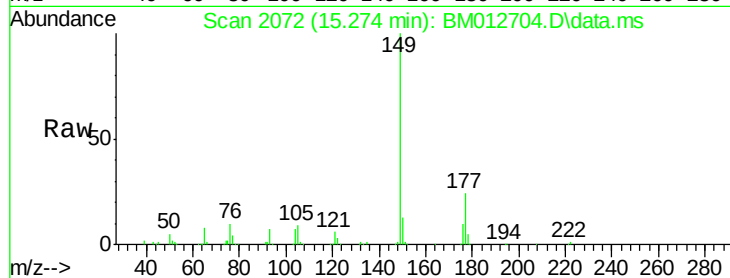
Tot Ion:149 Resp: 261251

Ion Ratio Lower Upper

149 100

177 24.3 17.4 26.2

150 12.8 10.0 15.0



#58

Fluorene

Concen: 20.90 ng/ul

RT: 15.498 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

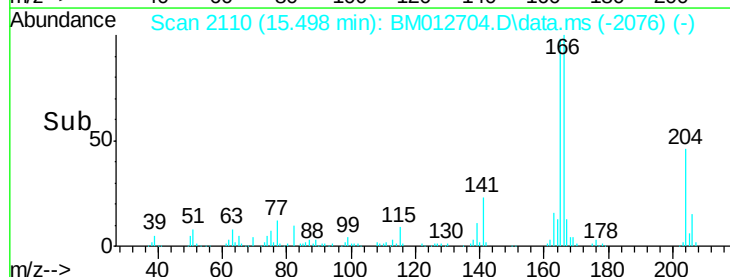
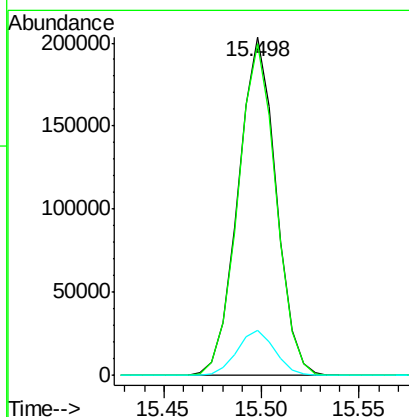
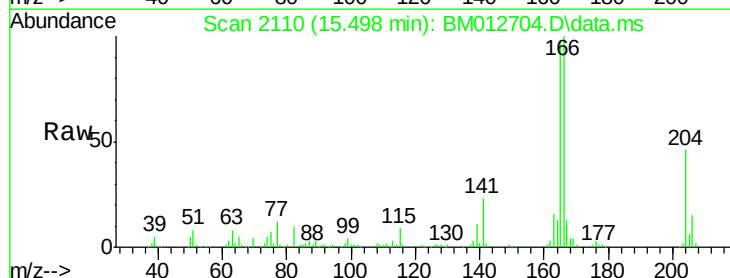
Tgt Ion:166 Resp: 272836

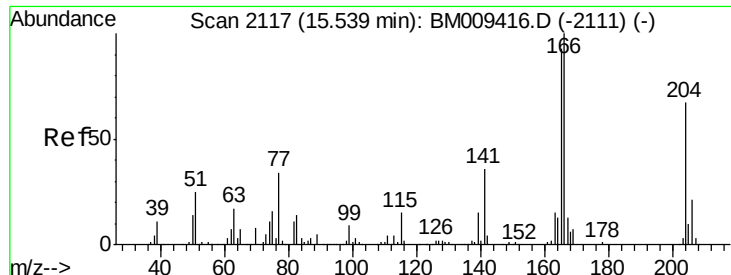
Ion Ratio Lower Upper

166 100

165 98.2 78.5 117.7

167 13.4 10.7 16.1

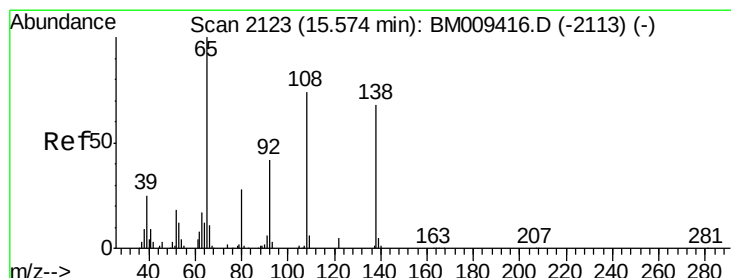
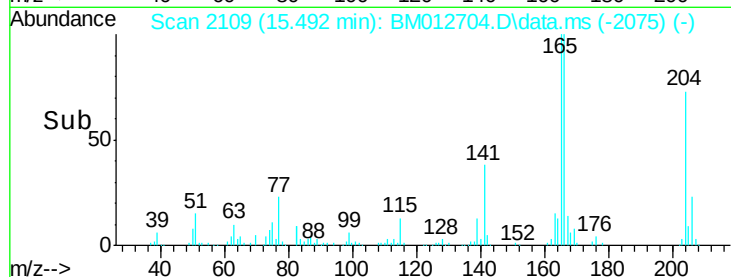
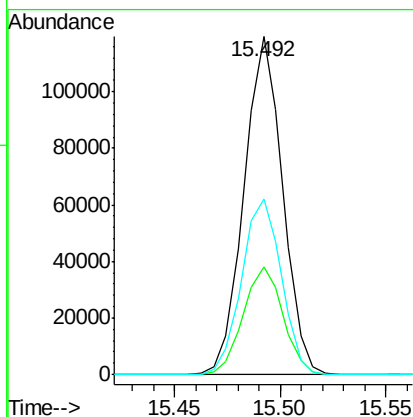
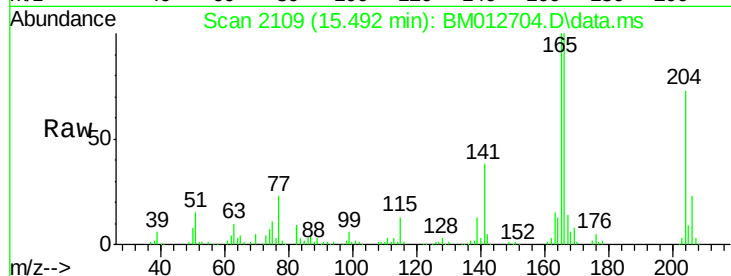




#59
4-Chlorophenyl-phenylether
Concen: 21.79 ng/ul
RT: 15.492 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

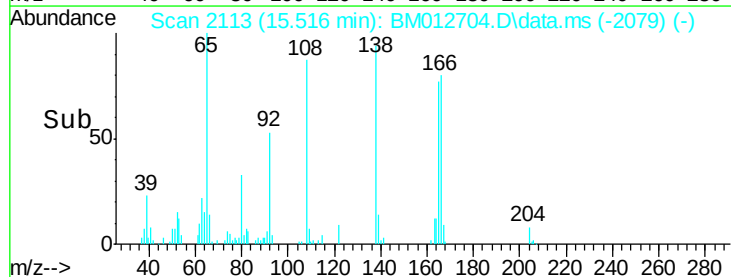
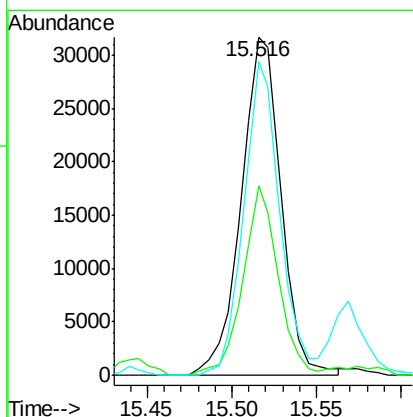
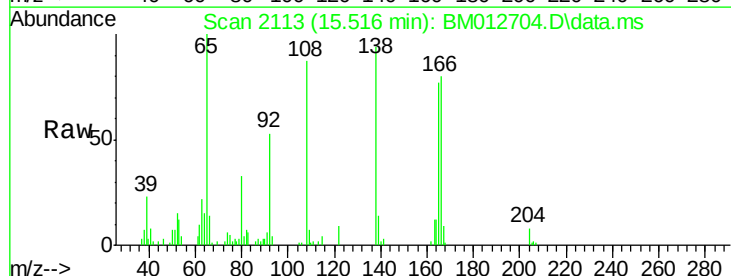
Instrument :
BNA_M
ClientSampleId :
SSTD02089

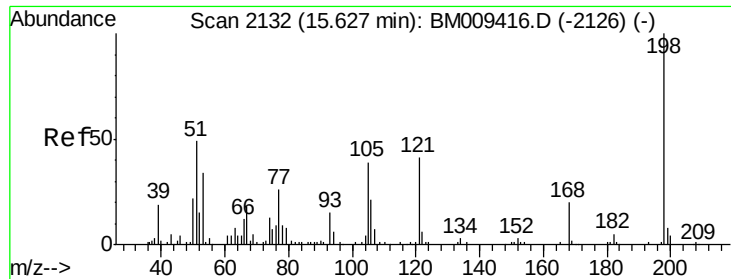
Tot Ion:204 Resp: 151699
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.4
141 52.0 54.6 81.8#



#60
4-Nitroaniline
Concen: 19.61 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

Tgt Ion:138 Resp: 52111
Ion Ratio Lower Upper
138 100
92 56.2 40.6 60.8
108 92.8 67.0 100.6

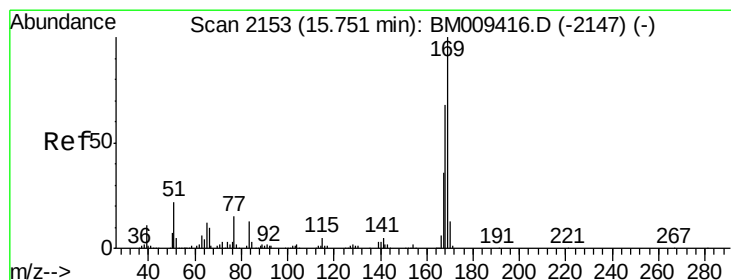
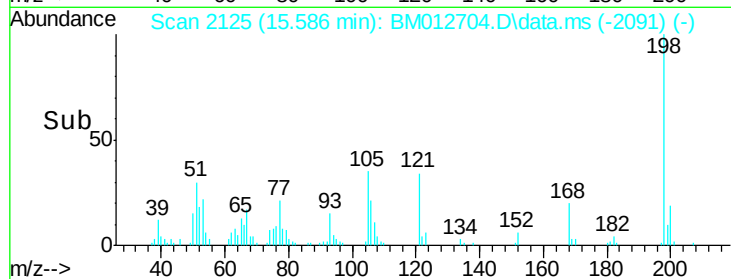
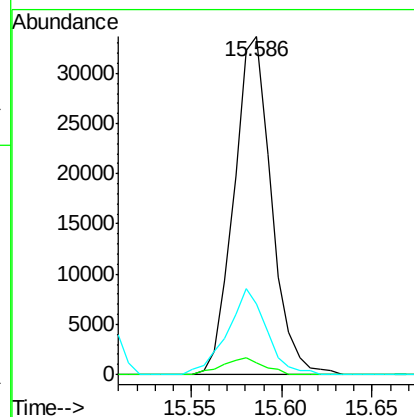
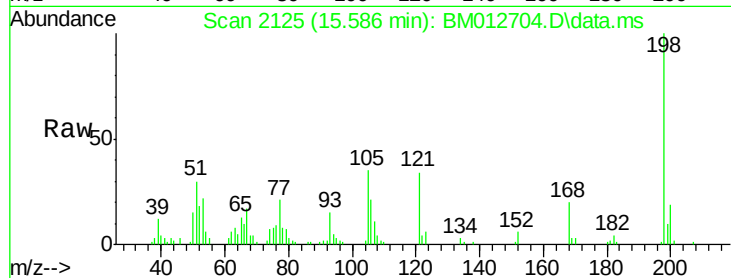




#63
 4,6-Dinitro-2-methylphenol
 Concen: 17.64 ng/ul
 RT: 15.586 min Scan# 2132
 Delta R.T. 0.000 min
 Lab File: BM012704.D
 Acq: 04 Nov 2017 13:07

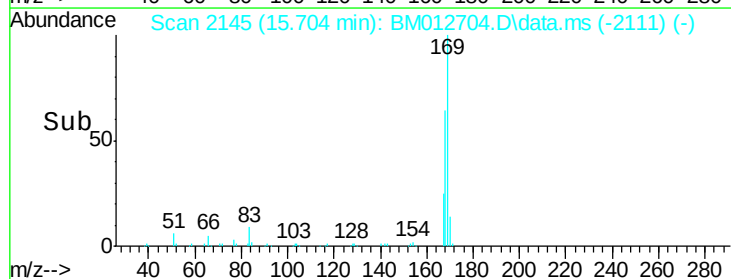
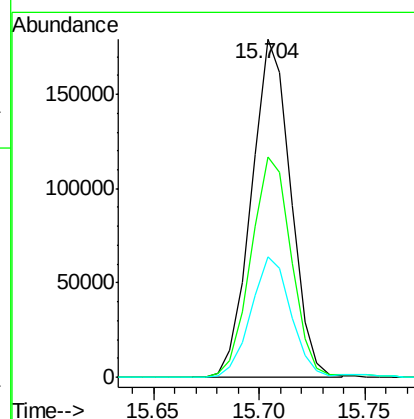
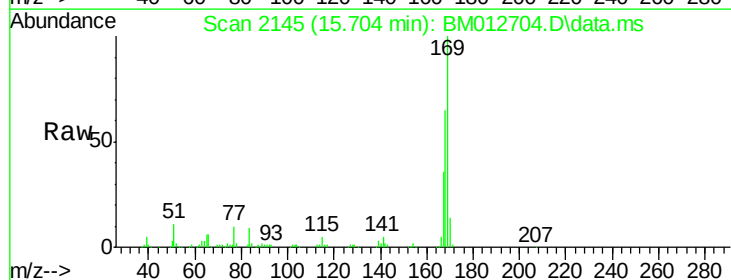
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02089

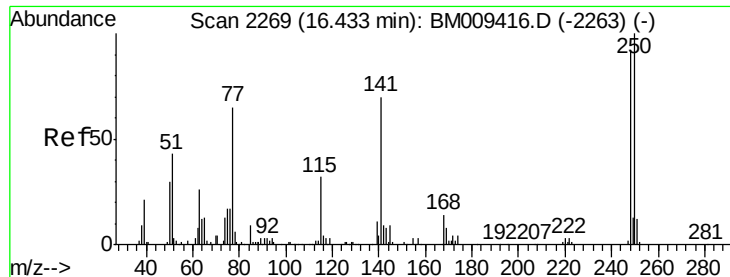
Tot Ion	Ratio	Lower	Upper
198	100		
182	3.6	3.1	4.7
77	21.0	20.1	30.1



#64
 N-Nitrosodiphenylamine
 Concen: 19.00 ng/ul
 RT: 15.704 min Scan# 2145
 Delta R.T. 0.000 min
 Lab File: BM012704.D
 Acq: 04 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.3	53.8	80.8
167	35.7	29.3	43.9





#65

4-Bromophenyl-phenylether

Concen: 21.98 ng/ul

RT: 16.386 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

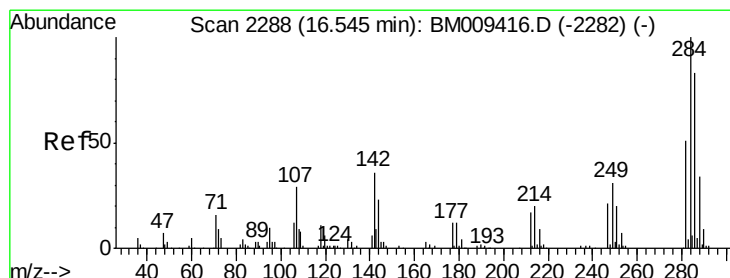
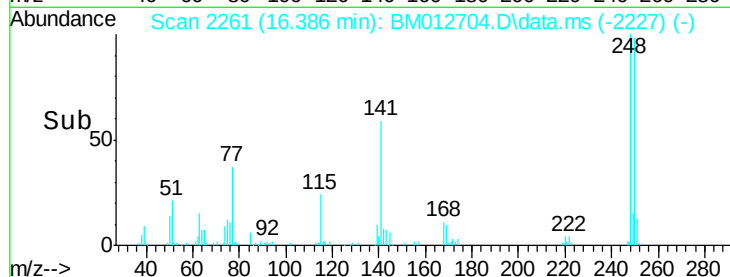
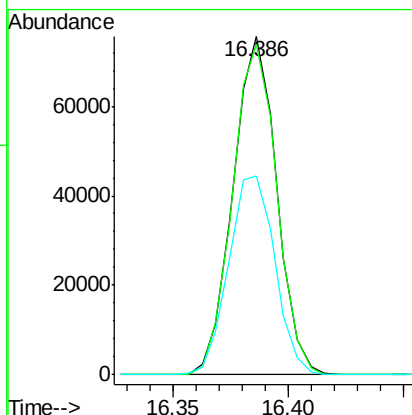
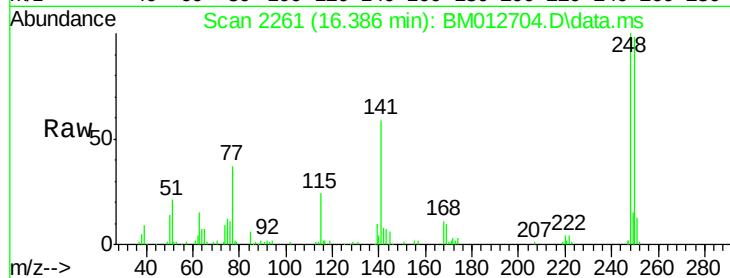
Tot Ion:248 Resp: 99319

Ion Ratio Lower Upper

248 100

250 97.9 78.7 118.1

141 58.8 72.2 108.2#



#66

Hexachlorobenzene

Concen: 22.17 ng/ul

RT: 16.504 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

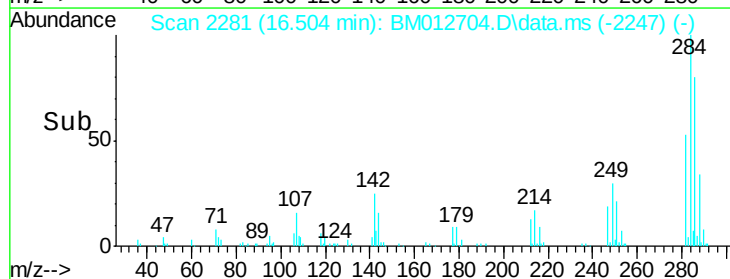
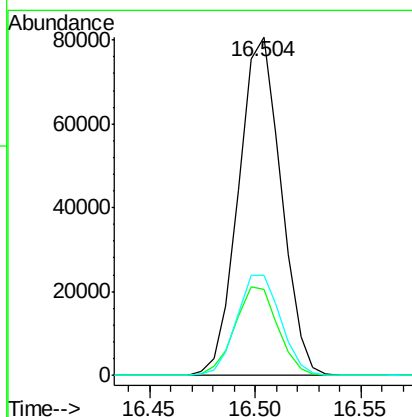
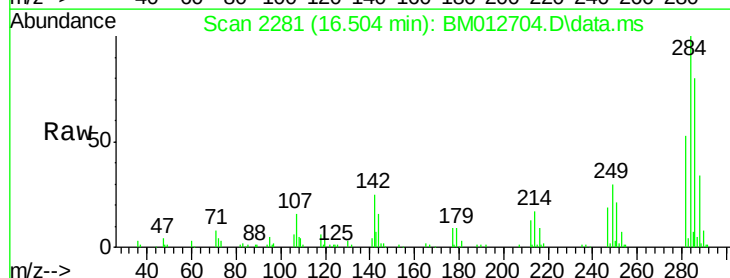
Tgt Ion:284 Resp: 112896

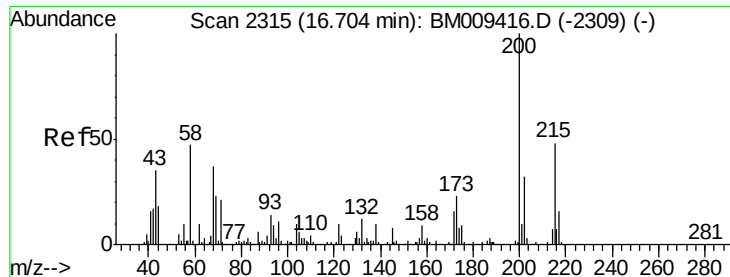
Ion Ratio Lower Upper

284 100

142 25.3 33.1 49.7#

249 29.5 27.1 40.7





#67

Atrazine

Concen: 19.86 ng/ul

RT: 16.657 min Scan# 2315

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

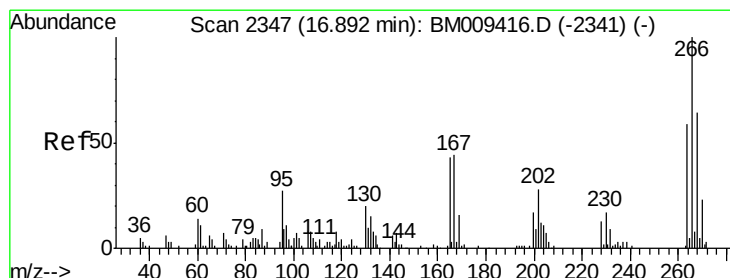
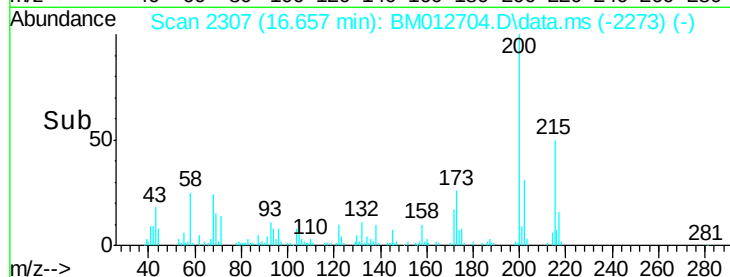
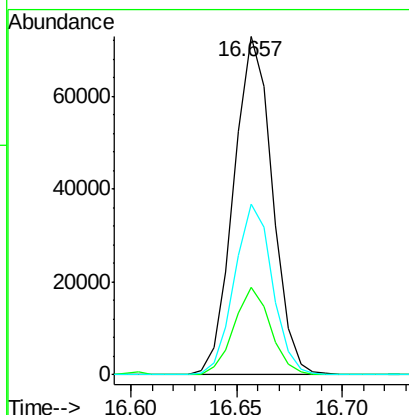
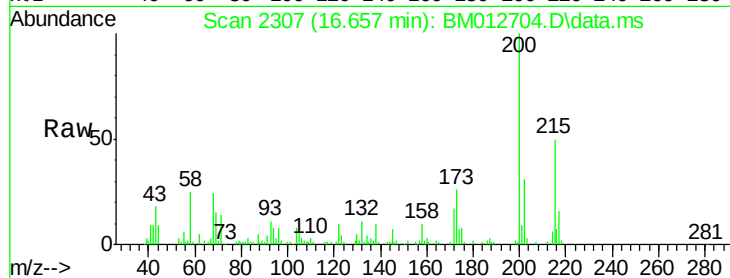
Tot Ion:200 Resp: 92186

Ion Ratio Lower Upper

200 100

173 25.9 21.6 32.4

215 50.4 37.0 55.4



#68

Pentachlorophenol

Concen: 19.26 ng/ul

RT: 16.845 min Scan# 2339

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

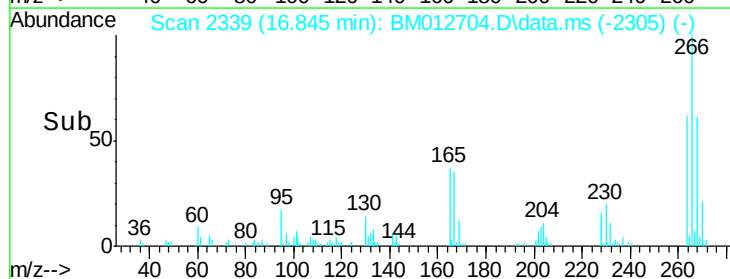
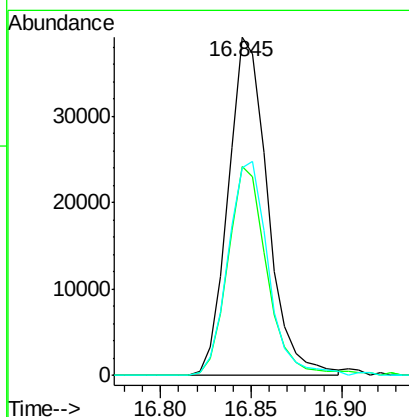
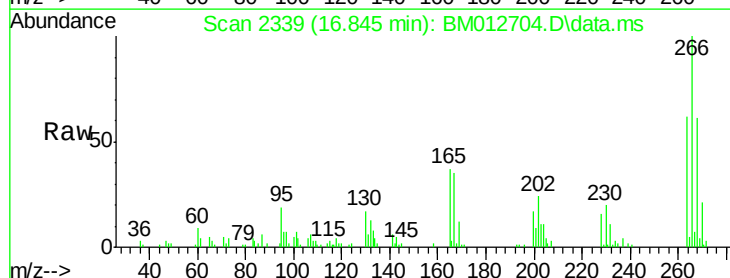
Tgt Ion:266 Resp: 59381

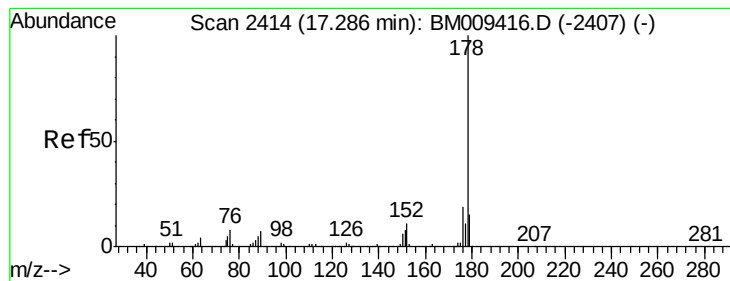
Ion Ratio Lower Upper

266 100

264 61.7 50.5 75.7

268 61.4 50.9 76.3





#69

Phenanthrene

Concen: 18.35 ng/ul

RT: 17.233 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

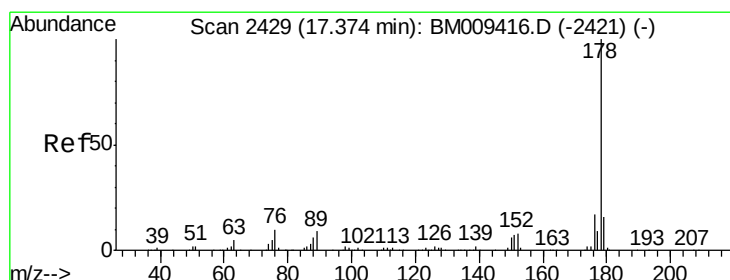
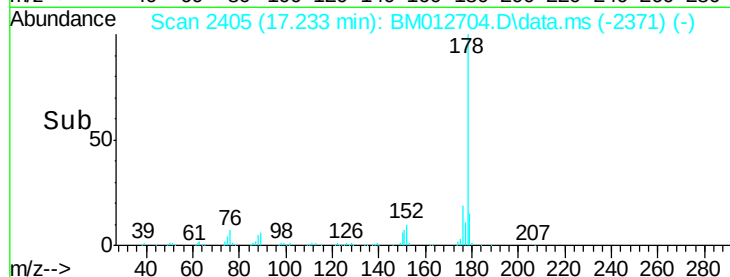
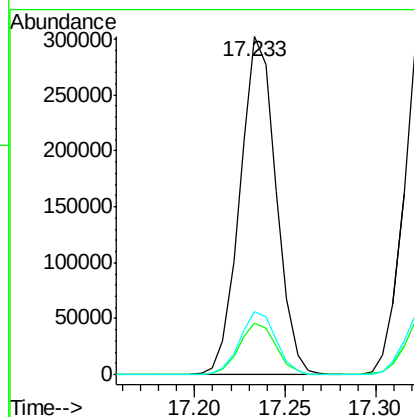
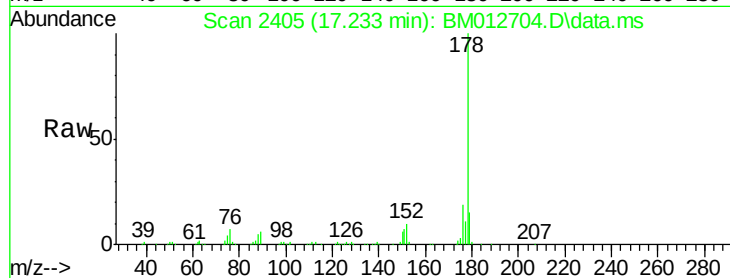
Tot Ion:178 Resp: 416634

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.7 15.6 23.4



#71

Anthracene

Concen: 18.66 ng/ul

RT: 17.327 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

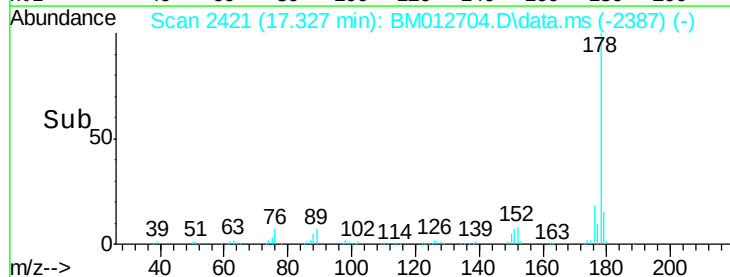
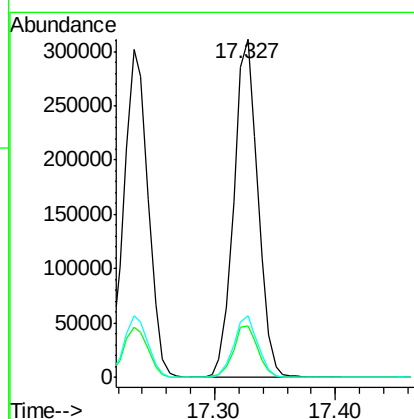
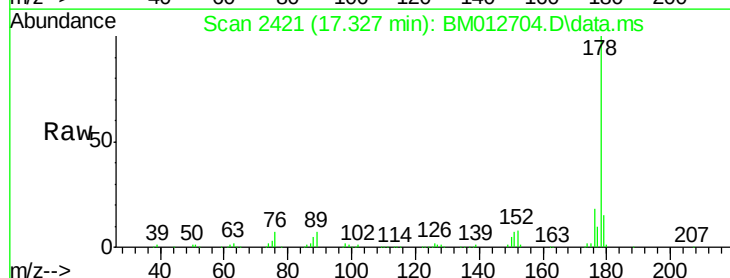
Tgt Ion:178 Resp: 433854

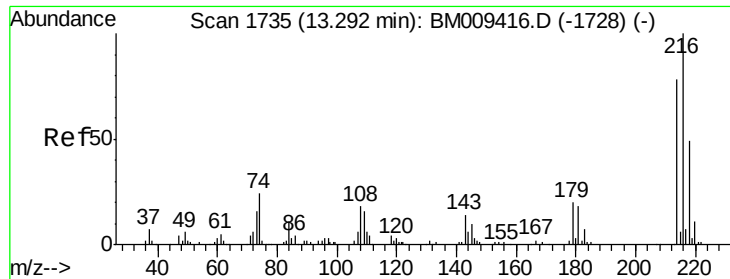
Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 18.1 14.8 22.2

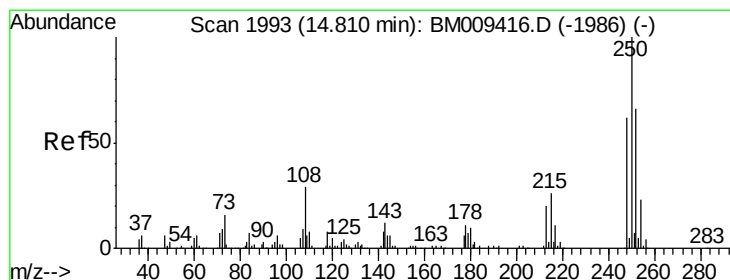
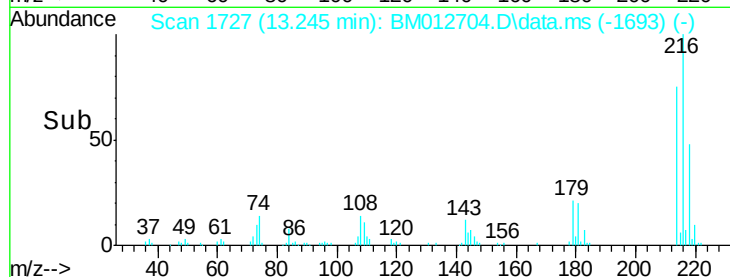
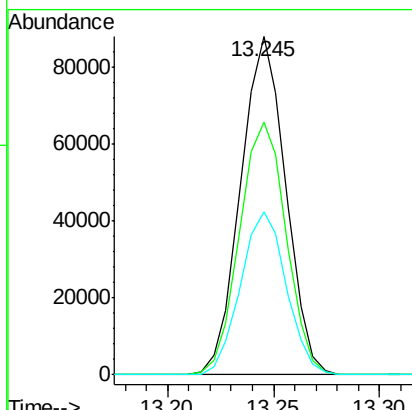
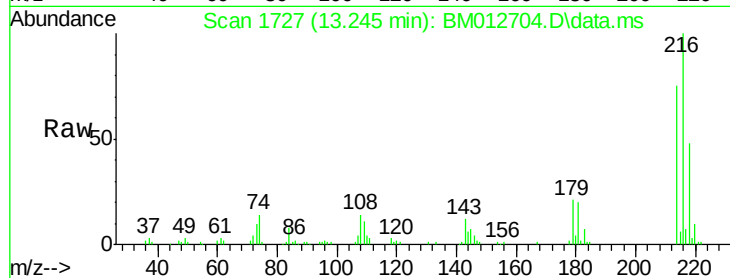




#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 21.97 ng/uL
 RT: 13.245 min Scan# 1735
 Delta R.T. 0.000 min
 Lab File: BM012704.D
 Acq: 04 Nov 2017 13:07

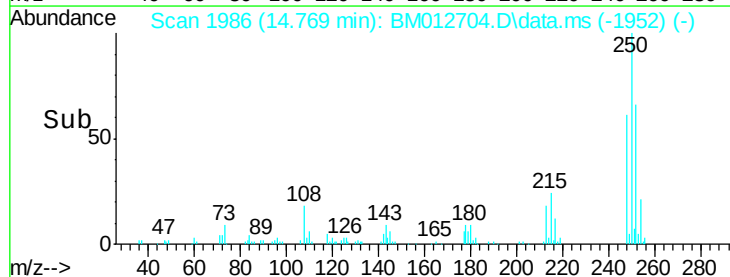
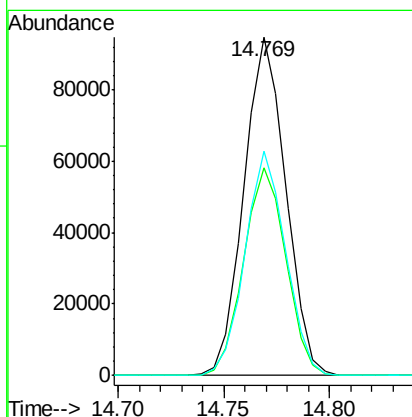
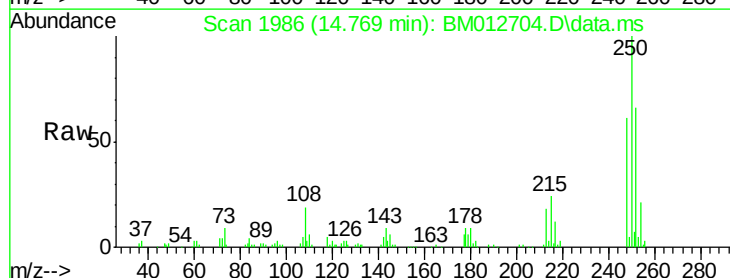
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02089

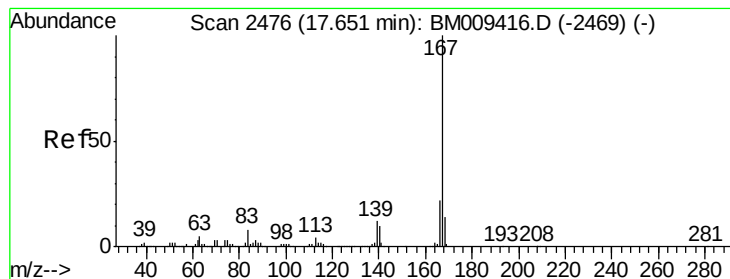
Tot Ion	Ratio	Lower	Upper
216	100		
214	74.7	62.5	93.7
218	48.2	38.4	57.6



#73
 Pentachlorobenzene
 Concen: 22.20 ng/uL
 RT: 14.769 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: BM012704.D
 Acq: 04 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
250	100		
248	61.4	50.6	75.8
252	66.1	51.4	77.0





#74

Carbazole

Concen: 16.89 ng/ul

RT: 17.598 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

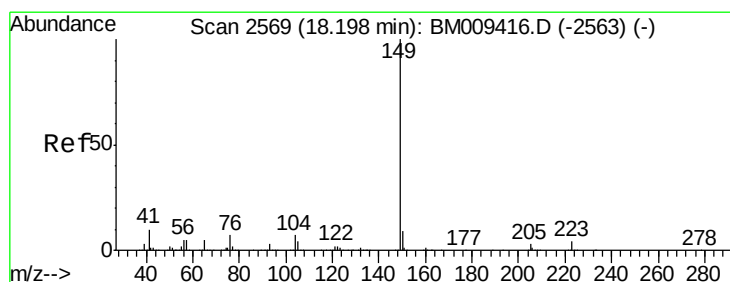
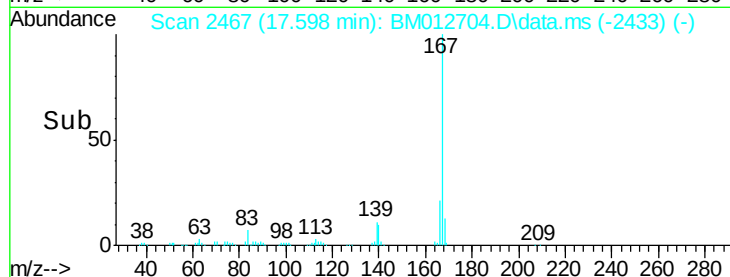
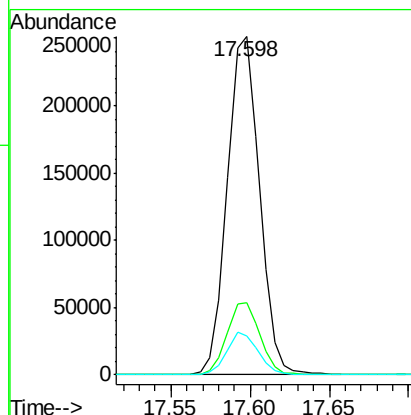
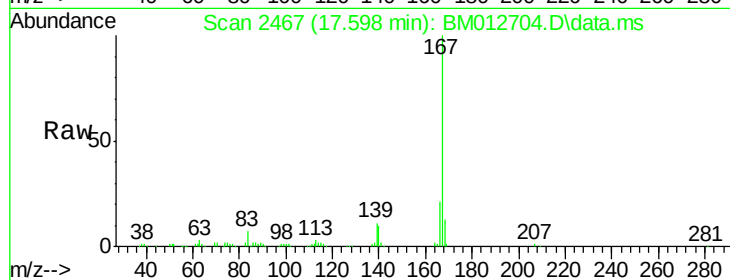
Tot Ion:167 Resp: 354080

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

139 11.5 11.0 16.4



#75

Di-n-butylphthalate

Concen: 18.29 ng/ul

RT: 18.157 min Scan# 2562

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

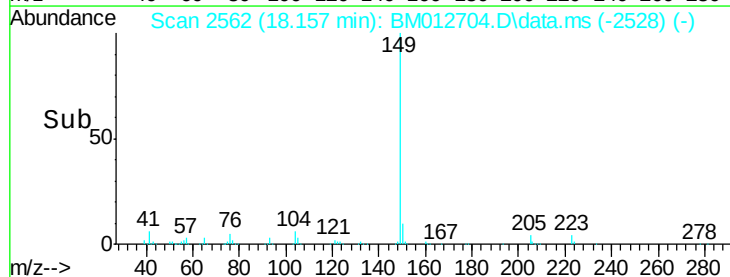
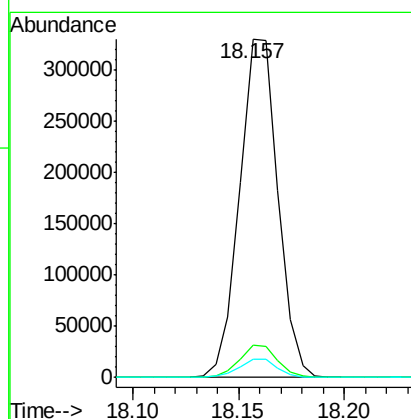
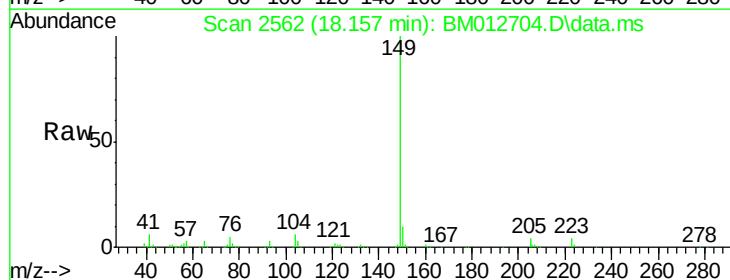
Tgt Ion:149 Resp: 413758

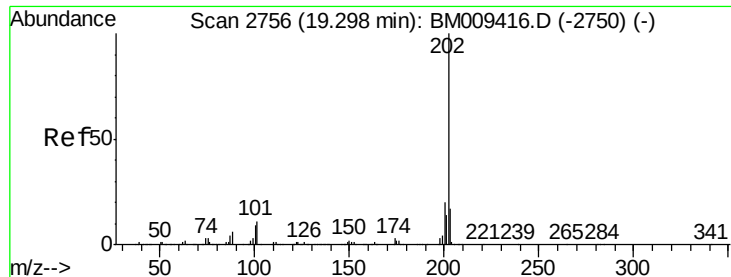
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.5 4.0 6.0

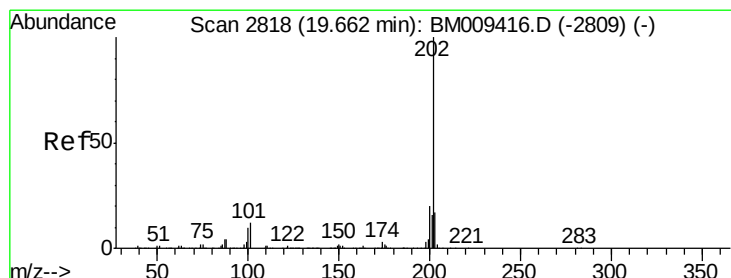
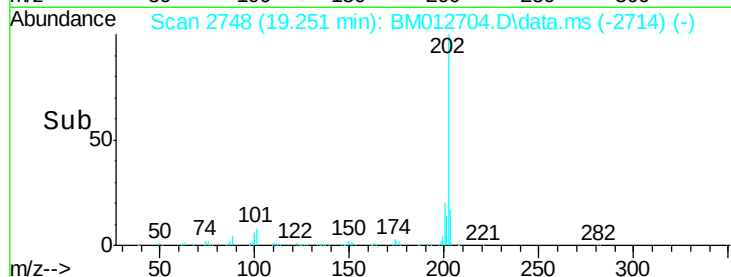
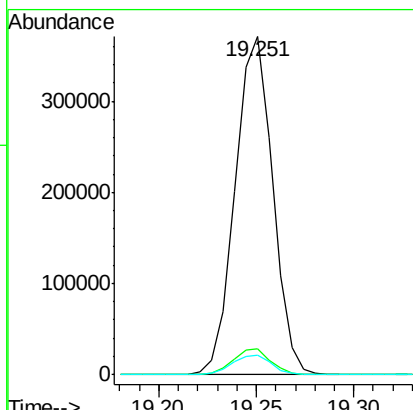
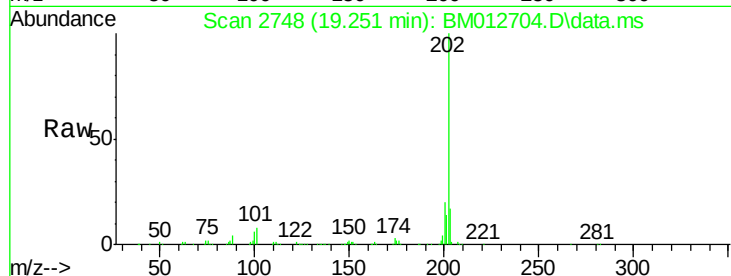




#76
Fluoranthene
Concen: 18.03 ng/ul
RT: 19.251 min Scan# 27
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

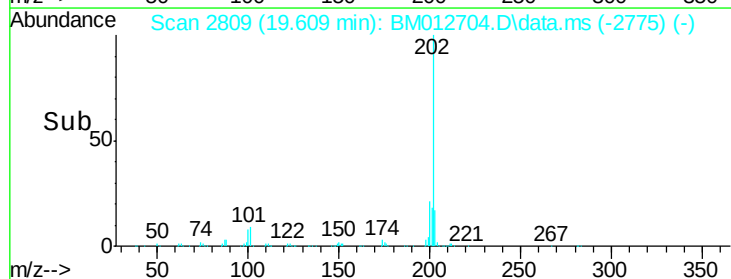
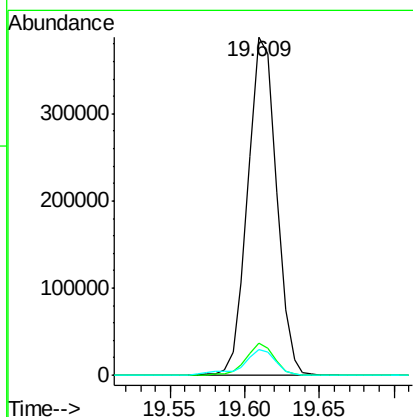
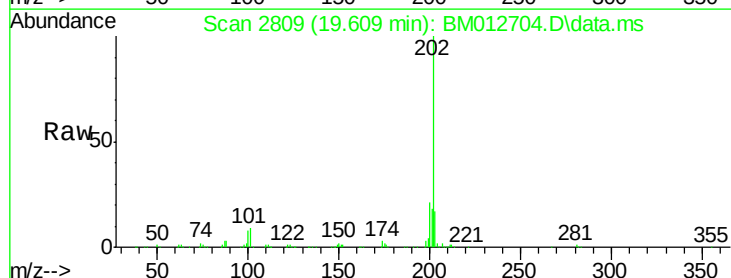
Instrument :
BNA_M
ClientSampleId :
SSTD02089

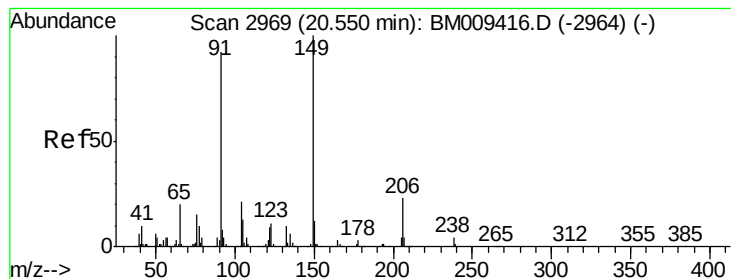
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.7	8.8	13.2#
100	5.8	6.6	9.8#



#79
Pyrene
Concen: 20.01 ng/ul
RT: 19.609 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	10.2	15.2#
100	7.7	8.5	12.7#





#80

Butylbenzylphthalate

Concen: 19.87 ng/ul

RT: 20.509 min Scan# 29

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

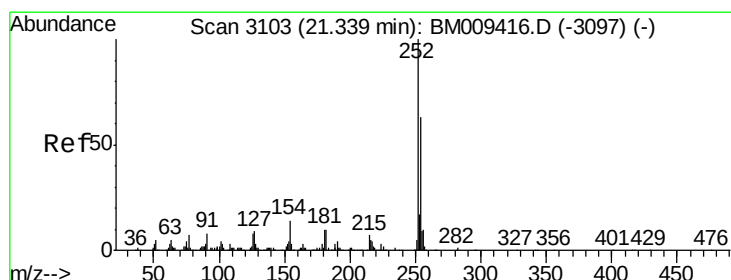
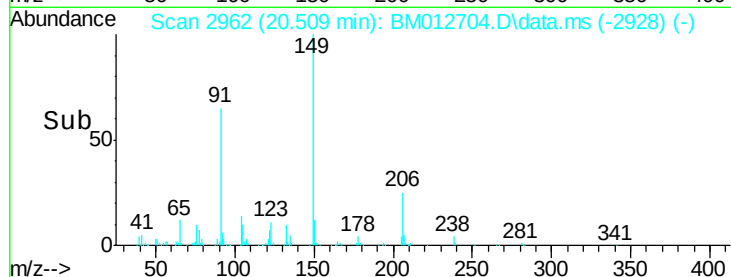
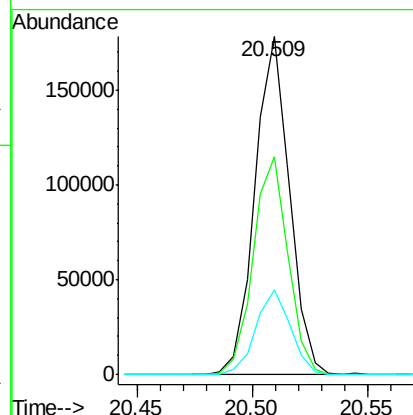
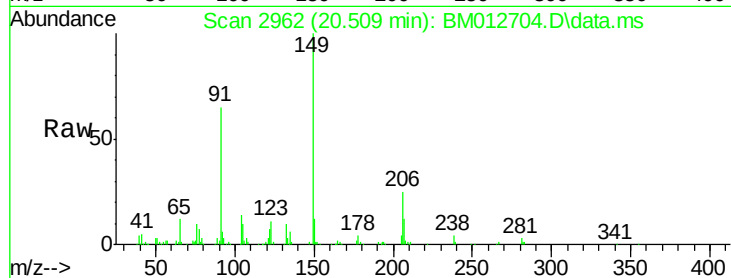
Tot Ion:149 Resp: 186375

Ion Ratio Lower Upper

149 100

91 64.6 53.4 80.2

206 25.2 16.6 24.8#



#81

3,3'-Dichlorobenzidine

Concen: 22.63 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

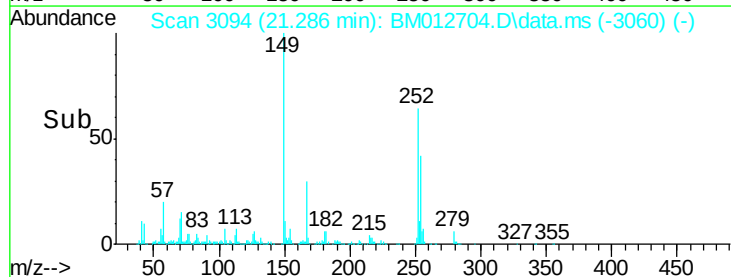
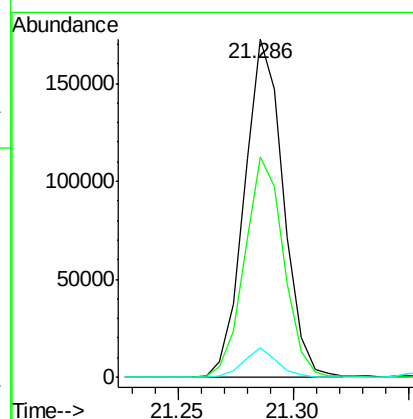
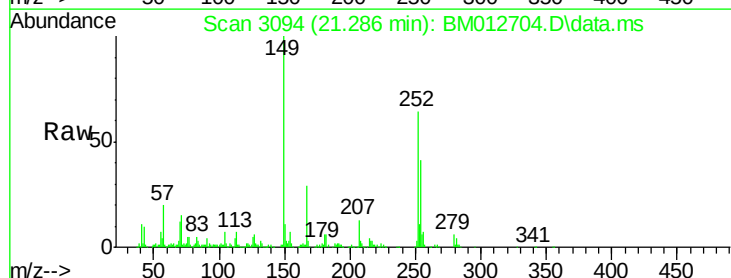
Tgt Ion:252 Resp: 203170

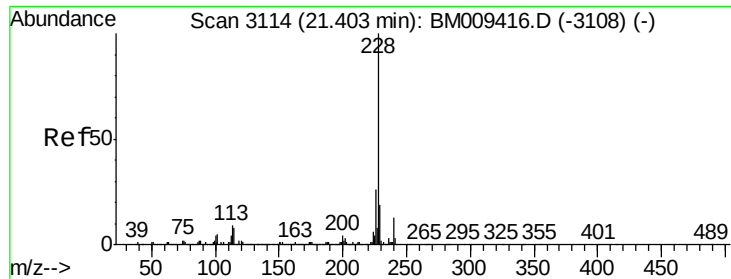
Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

126 8.6 9.4 14.2#





#82

Benzo(a)anthracene

Concen: 19.64 ng/ul

RT: 21.356 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

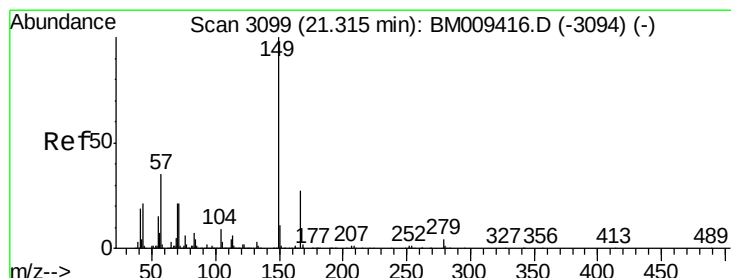
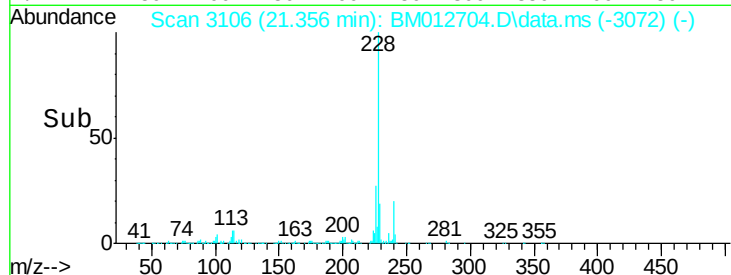
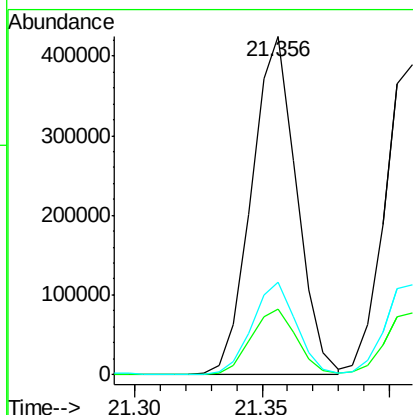
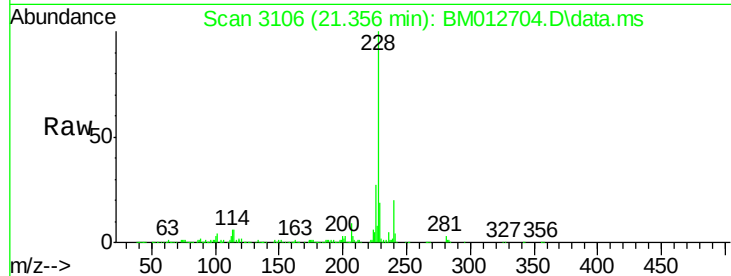
Tot Ion:228 Resp: 522343

Ion Ratio Lower Upper

228 100

229 19.2 15.7 23.5

226 27.2 21.8 32.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 19.75 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

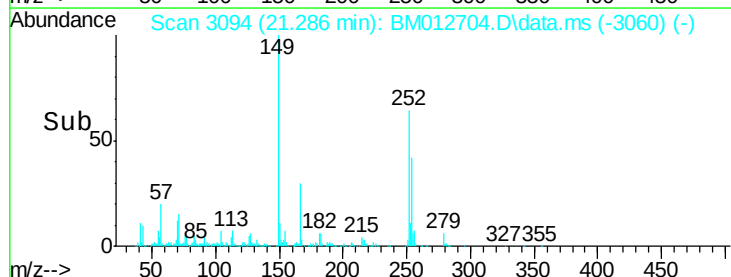
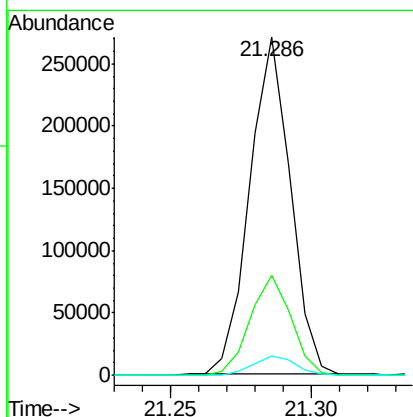
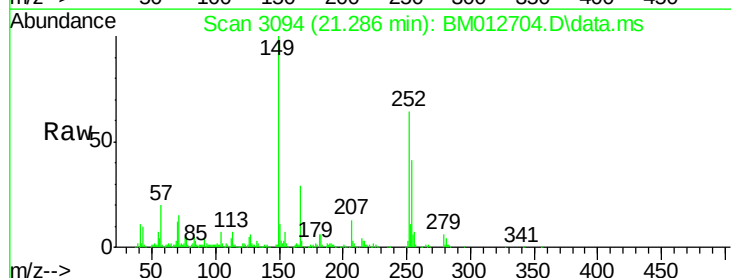
Tgt Ion:149 Resp: 271797

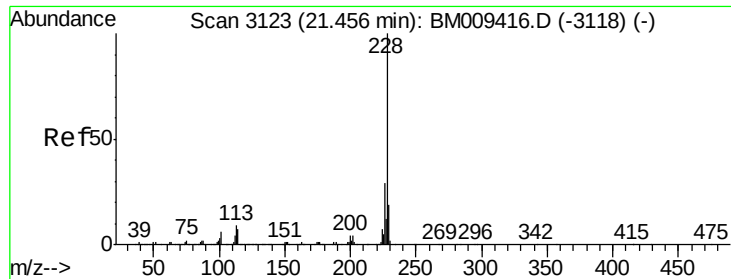
Ion Ratio Lower Upper

149 100

167 29.5 21.6 32.4

279 5.7 3.0 4.4#





#84

Chrysene

Concen: 19.01 ng/ul

RT: 21.409 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

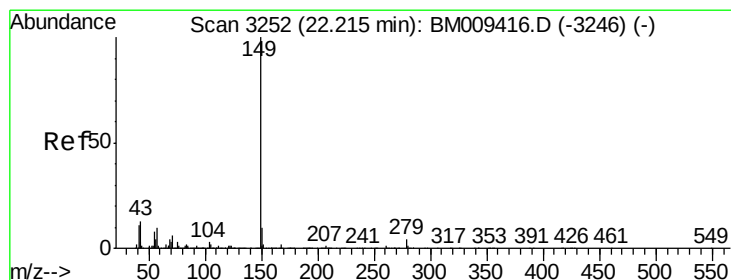
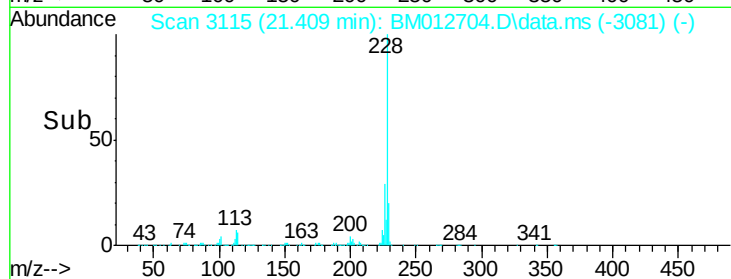
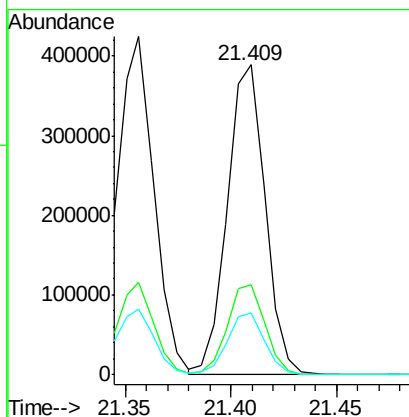
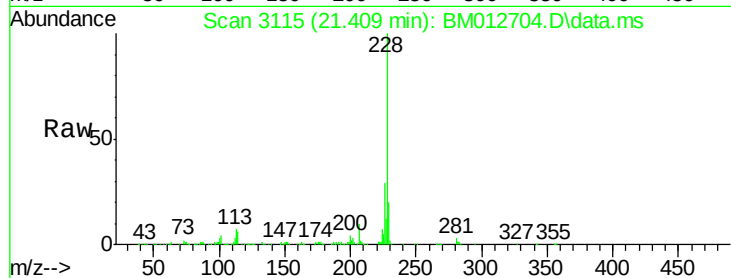
Tot Ion:228 Resp: 479344

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

229 19.9 15.6 23.4



#86

Di-n-octyl phthalate

Concen: 16.38 ng/ul

RT: 22.174 min Scan# 3245

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

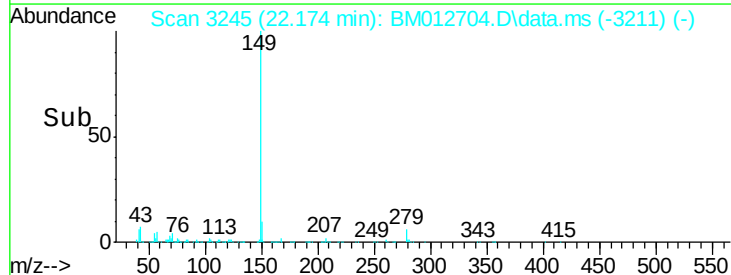
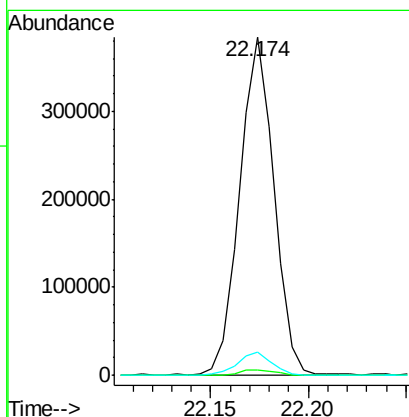
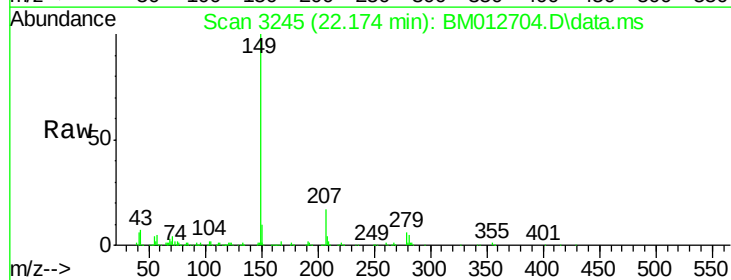
Tgt Ion:149 Resp: 464048

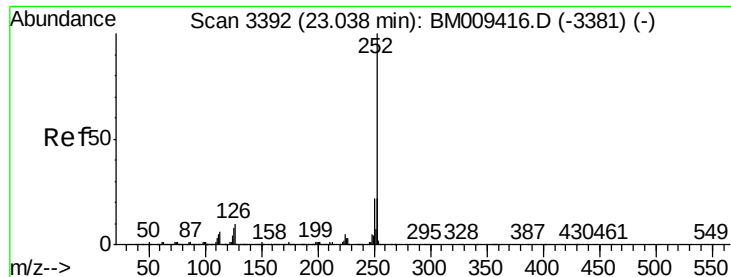
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 6.7 5.6 8.4

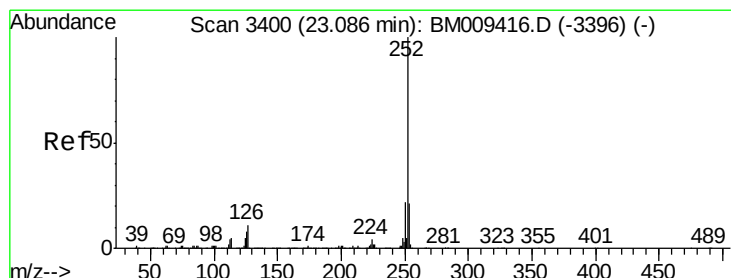
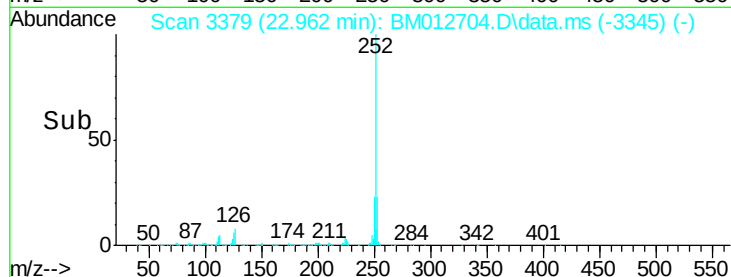
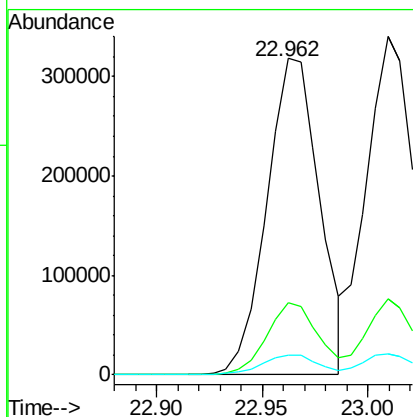
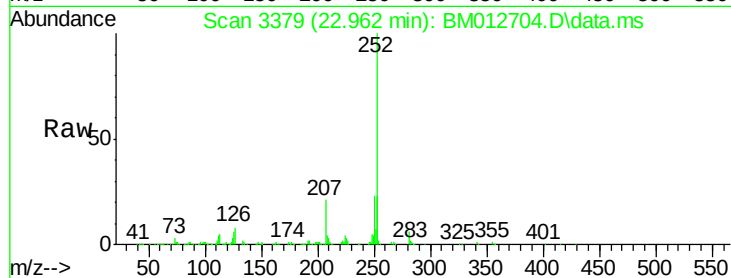




#87
Benzo(b)fluoranthene
Concen: 18.76 ng/ul
RT: 22.962 min Scan# 337
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

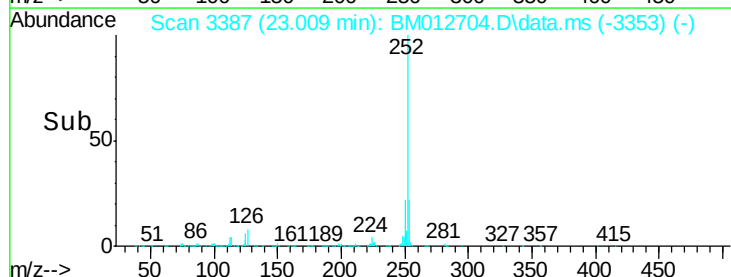
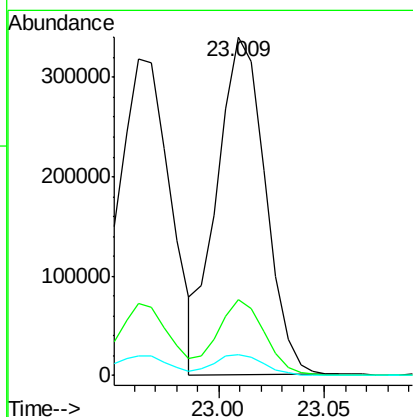
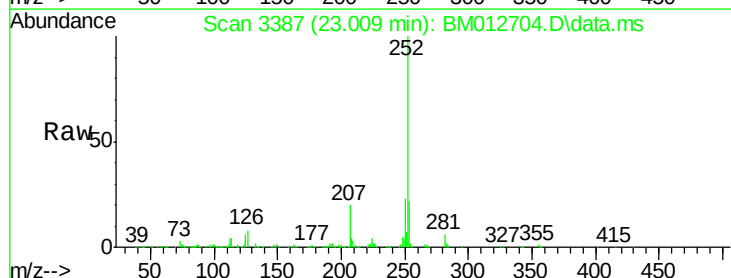
Instrument :
BNA_M
ClientSampleId :
SSTD02089

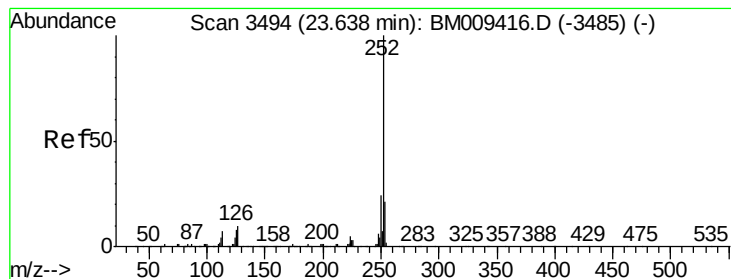
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	6.1	8.5	12.7



#88
Benzo(k)fluoranthene
Concen: 19.15 ng/ul
RT: 23.009 min Scan# 3387
Delta R.T. 0.000 min
Lab File: BM012704.D
Acq: 04 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	6.1	8.2	12.2





#90

Benzo(a)pyrene

Concen: 19.10 ng/ul

RT: 23.550 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

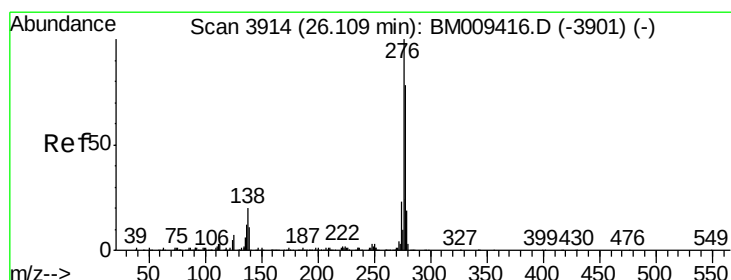
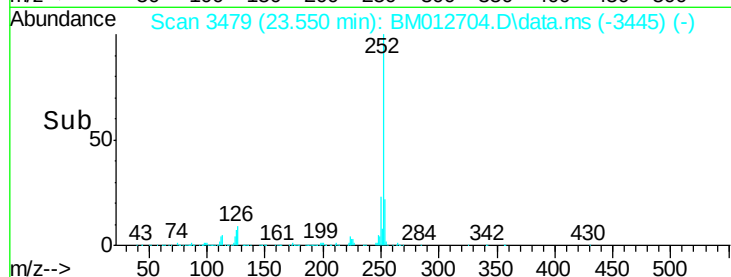
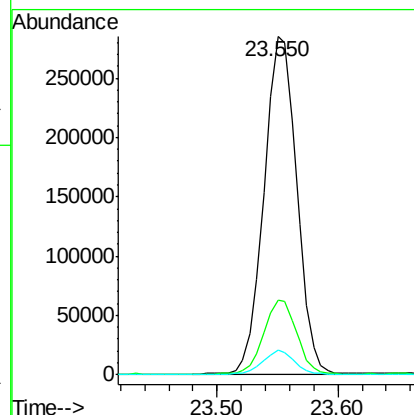
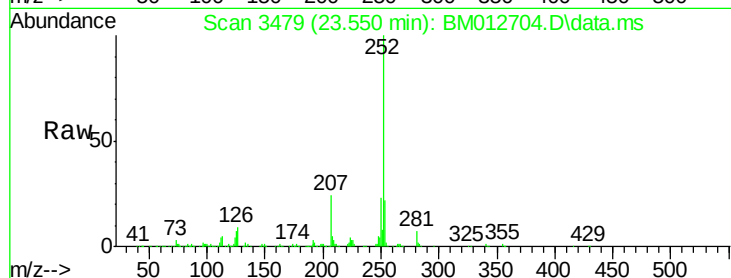
Tot Ion:252 Resp: 537099

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 7.1 9.0 13.6#



#91

Indeno(1,2,3-cd)pyrene

Concen: 20.73 ng/ul

RT: 25.962 min Scan# 3889

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

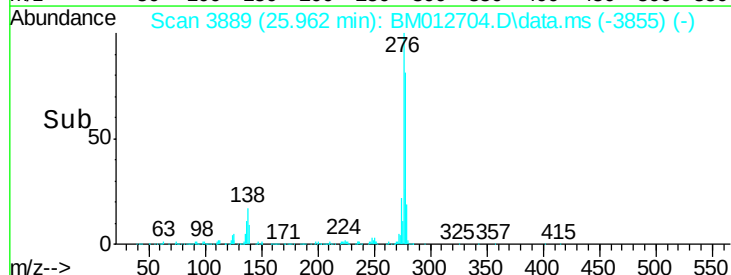
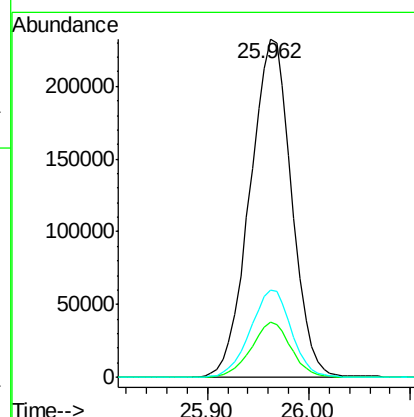
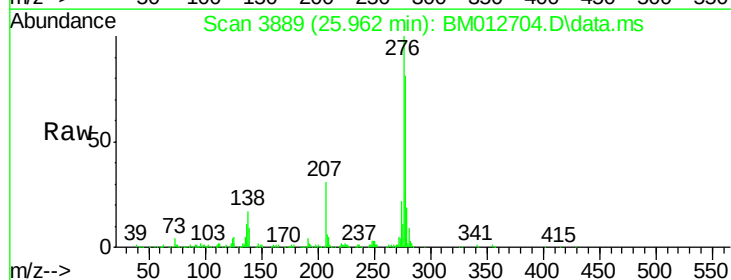
Tgt Ion:276 Resp: 663801

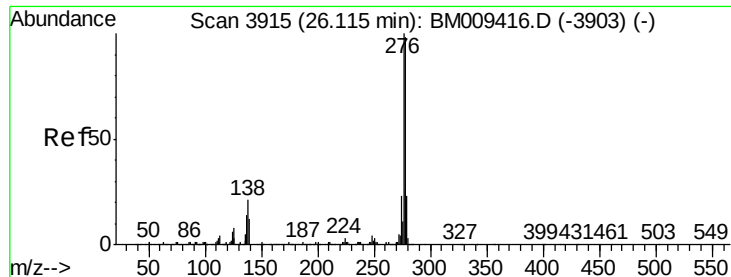
Ion Ratio Lower Upper

276 100

138 16.5 22.3 33.5#

277 25.8 20.2 30.2





#92

Dibenzo(a,h)anthracene

Concen: 20.45 ng/ul

RT: 25.974 min Scan# 38

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Instrument :

BNA_M

ClientSampleId :

SSTD02089

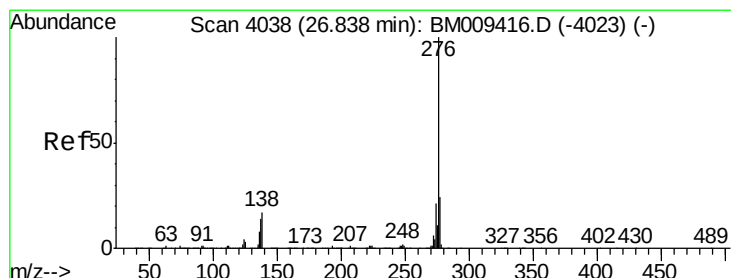
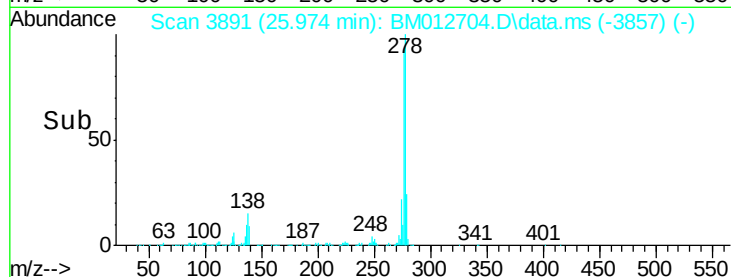
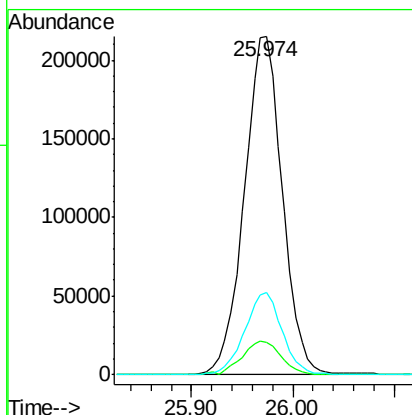
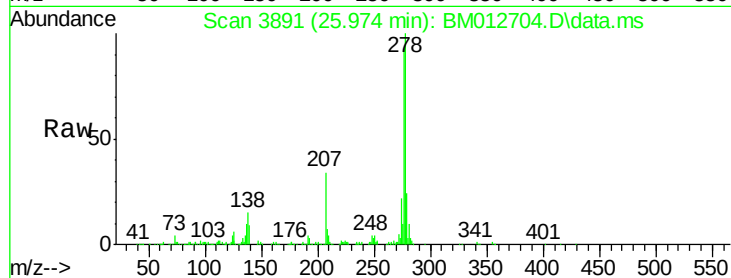
Tot Ion:278 Resp: 560772

Ion Ratio Lower Upper

278 100

139 9.4 13.9 20.9#

279 24.1 19.0 28.4



#93

Benzo(g,h,i)perylene

Concen: 20.59 ng/ul

RT: 26.668 min Scan# 4009

Delta R.T. 0.000 min

Lab File: BM012704.D

Acq: 04 Nov 2017 13:07

Tgt Ion:276 Resp: 549171

Ion Ratio Lower Upper

276 100

138 13.4 18.9 28.3#

277 23.0 19.2 28.8

