

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM110417\
 Data File : BM012707.D
 Acq On : 04 Nov 2017 14:54
 Operator : SJ/JU
 Sample : SSTD16092
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16092

Quant Time: Nov 04 15:24:13 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	69938	20.00	ng/ul	0.00
18) Naphthalene-d8	10.604	136	272767	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.451	164	160304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.198	188	349186	20.00	ng/ul	0.00
77) Chrysene-d12	21.374	240	366499	20.00	ng/ul	0.00
85) Perylene-d12	23.656	264	402819	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.299	96	86028	46.88	ng/uL	0.00
5) Phenol-d5	6.998	99	885154	140.00	ng/ul	0.02
7) Bis-(2-Chloroethyl)eth...	7.157	67	468279	103.85	ng/ul	0.01
9) 2-Chlorophenol-d4	7.357	132	756306	177.59	ng/ul	0.01
13) 4-Methylphenol-d8	8.539	113	743619	157.50	ng/ul	0.02
19) Nitrobenzene-d5	8.980	128	353903	176.50	ng/ul	0.01
22) 2-Nitrophenol-d4	9.698	143	424386	195.18	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.239	165	827976	193.56	ng/ul	0.01
29) 4-Chloroaniline-d4	10.745	131	480838	97.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.868	166	2162928	191.85	ng/ul	0.01
46) Acenaphthylene-d8	14.151	160	2759571	195.12	ng/ul	0.01
51) 4-Nitrophenol-d4	14.680	143	353809	170.24	ng/ul	0.02
57) Fluorene-d10	15.451	176	1824314	176.38	ng/ul	0.01
62) 4,6-Dinitro-2-methylph...	15.586	200	423427	191.85	ng/ul	0.02
70) Anthracene-d10	17.303	188	2768601	166.25	ng/ul	0.01
78) Pyrene-d10	19.592	212	2897995	186.52	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.521	264	3224455	173.81	ng/ul	0.01

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.334	88	91568	44.66	ng/uL	97
4) Benzaldehyde	6.963	77	369044	83.31	ng/ul	98
6) Phenol	7.028	94	902672	133.40	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.245	93	672581	127.59	ng/ul	100
10) 2-Chlorophenol	7.386	128	767796	169.45	ng/ul	98
11) 2-Methylphenol	8.263	108	680402	145.34	ng/ul	100
12) 2,2'-oxybis(1-Chloropr...	8.351	45	548139	64.10	ng/ul#	91
14) Acetophenone	8.645	105	1125021	139.73	ng/ul	98
15) N-Nitroso-di-n-propyla...	8.651	70	540195	116.26	ng/ul	97
16) 4-Methylphenol	8.610	108	736580	144.88	ng/ul	98
17) Hexachloroethane	8.892	117	311541	142.49	ng/ul#	74
20) Nitrobenzene	9.022	77	797497	117.97	ng/ul	98
21) Isophorone	9.563	82	1439996	128.11	ng/ul	98
23) 2-Nitrophenol	9.727	139	441651	192.05	ng/ul	98
24) 2,4-Dimethylphenol	9.792	107	850114	149.67	ng/ul	97
25) Bis(2-Chloroethoxy)met...	10.027	93	885830	135.98	ng/ul	98
27) 2,4-Dichlorophenol	10.263	162	789199	183.97	ng/ul	98
28) Naphthalene	10.657	128	2264633	164.04	ng/ul	100
30) 4-Chloroaniline	10.769	127	503610	96.98	ng/ul	100
31) Hexachlorobutadiene	10.939	225	620191	184.57	ng/ul	99
32) Caprolactam	11.592	113	127363	96.35	ng/ul	90
33) 4-Chloro-3-methylphenol	11.910	107	752140	156.13	ng/ul	97
34) 2-Methylnaphthalene	12.269	142	1729793	173.78	ng/ul	100

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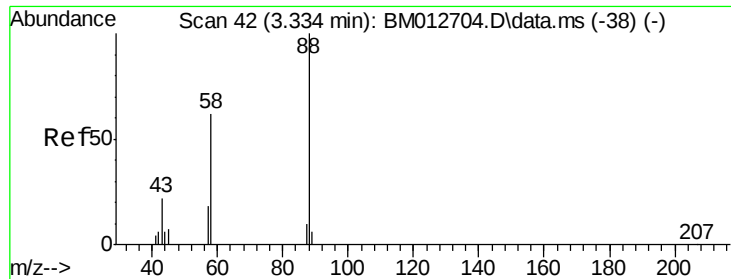
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachloroben...	12.645	216	1070918	198.84	ng/ul#	97
37) Hexachlorocyclopentadiene	12.621	237	660580	195.52	ng/ul	97
38) 2,4,6-Trichlorophenol	12.886	196	691447	219.25	ng/ul	98
39) 2,4,5-Trichlorophenol	12.963	196	705407	207.33	ng/ul	98
40) 1,1'-Biphenyl	13.286	154	2228118	188.10	ng/ul	98
41) 2-Chloronaphthalene	13.327	162	1777830	192.93	ng/ul	95
42) 2-Nitroaniline	13.539	65	428500	126.17	ng/ul	96
44) Dimethylphthalate	13.915	163	2137497	190.04	ng/ul	99
45) 2,6-Dinitrotoluene	14.039	165	472883	217.55	ng/ul	97
47) Acenaphthylene	14.180	152	2658974	188.74	ng/ul	99
48) 3-Nitroaniline	14.368	138	331314	147.83	ng/ul	99
49) Acenaphthene	14.521	153	1791124	181.03	ng/ul	98
50) 2,4-Dinitrophenol	14.580	184	312313	209.13	ng/ul	92
52) 4-Nitrophenol	14.692	109	303313	124.52	ng/ul	95
53) Dibenzofuran	14.857	168	2569842	179.21	ng/ul	93
54) 2,4-Dinitrotoluene	14.833	165	653384	201.10	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.086	232	647817	211.27	ng/ul#	84
56) Diethylphthalate	15.286	149	2067618	179.23	ng/ul	97
58) Fluorene	15.509	166	2119221	181.22	ng/ul	99
59) 4-Chlorophenyl-phenyle...	15.498	204	1179479	189.14	ng/ul#	87
60) 4-Nitroaniline	15.545	138	433475	182.09	ng/ul	95
63) 4,6-Dinitro-2-methylph...	15.604	198	442954	186.63	ng/ul#	89
64) N-Nitrosodiphenylamine	15.715	169	1791523	170.03	ng/ul	99
65) 4-Bromophenyl-phenylether	16.392	248	792979	202.71	ng/ul#	84
66) Hexachlorobenzene	16.509	284	869707	197.35	ng/ul#	85
67) Atrazine	16.674	200	648588	161.40	ng/ul	95
68) Pentachlorophenol	16.851	266	518407	194.28	ng/ul	99
69) Phenanthrene	17.245	178	3147440	160.12	ng/ul	99
71) Anthracene	17.339	178	3283319	163.13	ng/ul	100
72) 1,2,3,4-Tetrachloroben...	13.251	216	1038029	202.20	ng/uL	99
73) Pentachlorobenzene	14.774	250	1019122	200.76	ng/uL	100
74) Carbazole	17.603	167	2690606	148.30	ng/ul	98
75) Di-n-butylphthalate	18.162	149	3318807	169.47	ng/ul	100
76) Fluoranthene	19.256	202	3642562	153.30	ng/ul#	93
79) Pvrene	19.621	202	3738649	185.68	ng/ul#	93
80) Butylbenzylphthalate	20.515	149	1389237	189.10	ng/ul#	93
81) 3,3'-Dichlorobenzidine	21.291	252	1331253	189.30	ng/ul#	97
82) Benzo(a)anthracene	21.362	228	3697400	177.44	ng/ul	100
83) Bis(2-ethylhexyl)phtha...	21.286	149	2075649	192.55	ng/ul#	95
84) Chrysene	21.415	228	3321400	168.18	ng/ul	100
86) Di-n-octyl phthalate	22.180	149	3465566	148.24	ng/ul	98
87) Benzo(b)fluoranthene	22.980	252	4012700	164.95	ng/ul#	96
88) Benzo(k)fluoranthene	23.027	252	3925335	169.37	ng/ul#	96
90) Benzo(a)pyrene	23.574	252	3943375	170.01	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.009	276	5024294	190.24	ng/ul#	90
92) Dibenzo(a,h)anthracene	26.009	278	4239471	187.37	ng/ul#	93
93) Benzo(g,h,i)perylene	26.709	276	4141137	188.21	ng/ul#	89

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



#2

1,4-Dioxane

Concen: 44.66 ng/uL

RT: 3.334 min Scan# 42

Delta R.T. -0.000 min

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SSTD16092

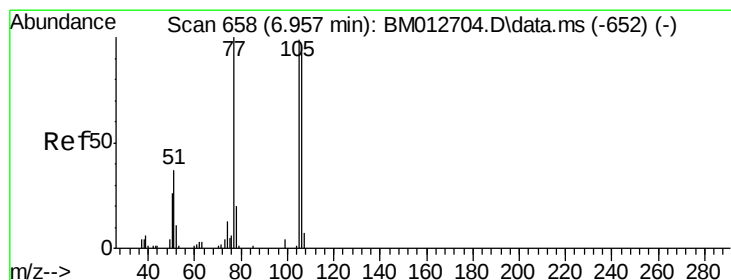
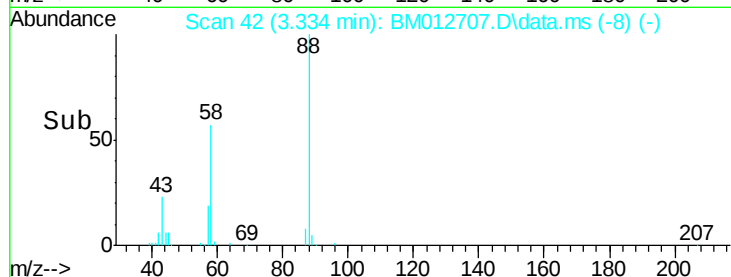
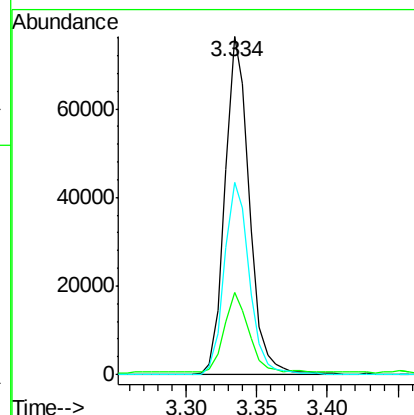
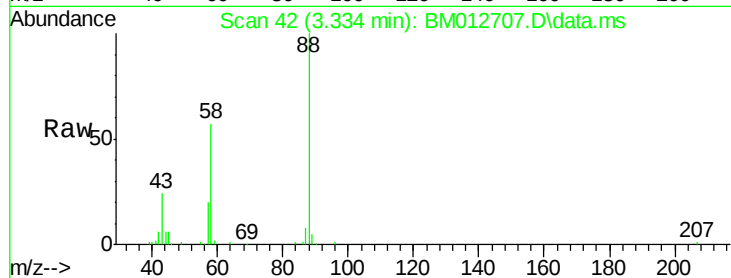
Tot Ion: 88 Resp: 91568

Ion Ratio Lower Upper

88 100

43 23.5 21.0 31.6

58 58.2 47.8 71.8



#4

Benzaldehyde

Concen: 83.31 ng/uL

RT: 6.963 min Scan# 659

Delta R.T. 0.006 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

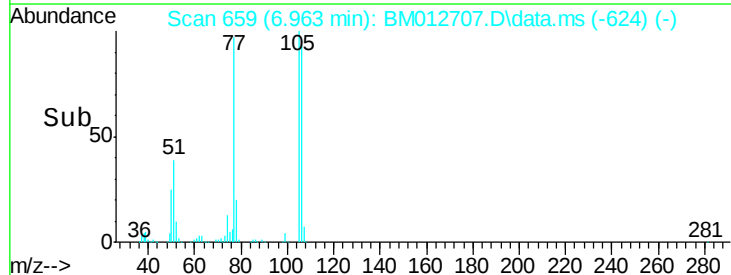
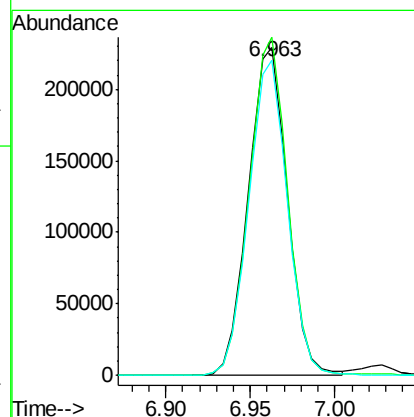
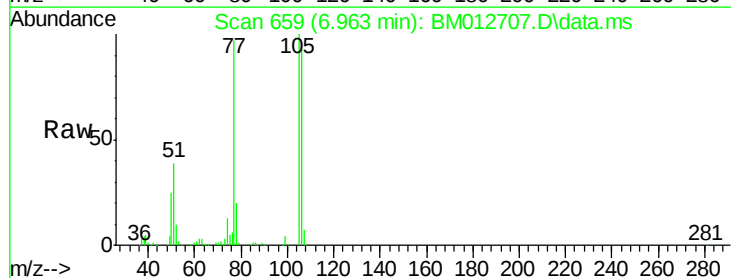
Tgt Ion: 77 Resp: 369044

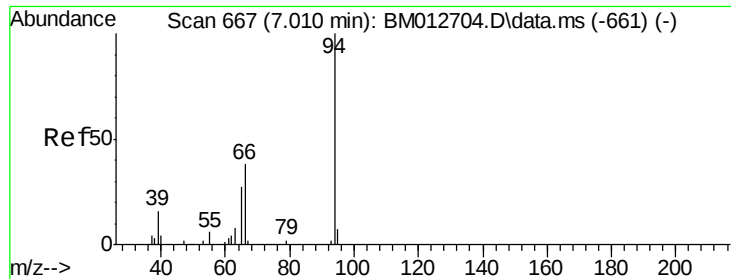
Ion Ratio Lower Upper

77 100

105 103.3 80.6 120.8

106 96.3 77.7 116.5





#6

Phenol

Concen: 133.40 ng/ul

RT: 7.028 min Scan# 67

Delta R.T. 0.017 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

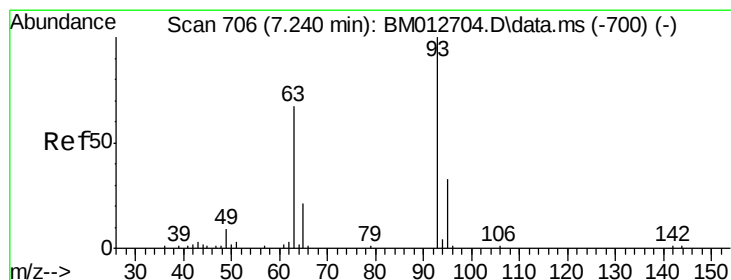
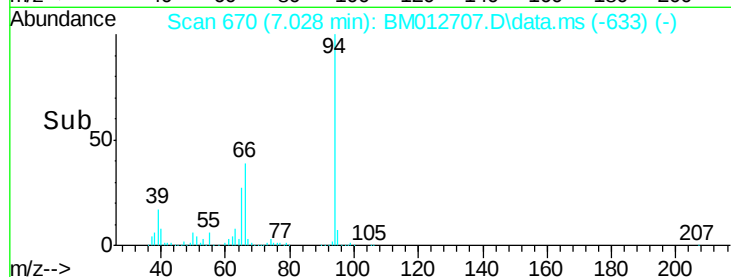
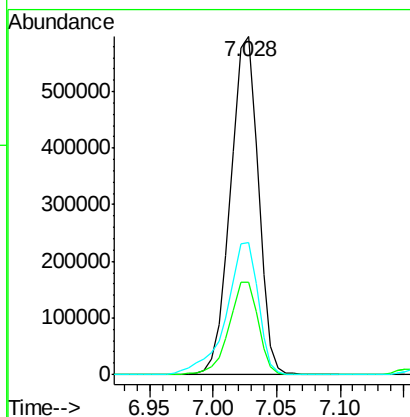
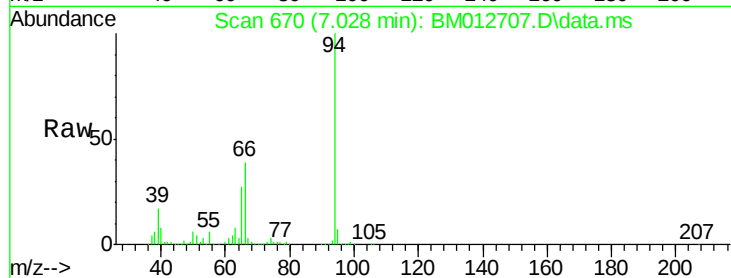
Tot Ion: 94 Resp: 902672

Ion Ratio Lower Upper

94 100

65 27.4 21.0 31.6

66 39.1 29.3 43.9



#8

Bis(2-Chloroethyl)ether

Concen: 127.59 ng/ul

RT: 7.245 min Scan# 707

Delta R.T. 0.006 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

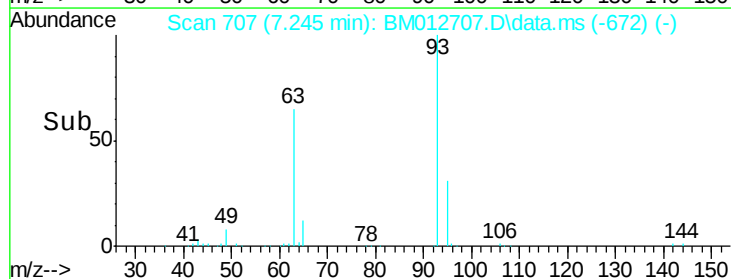
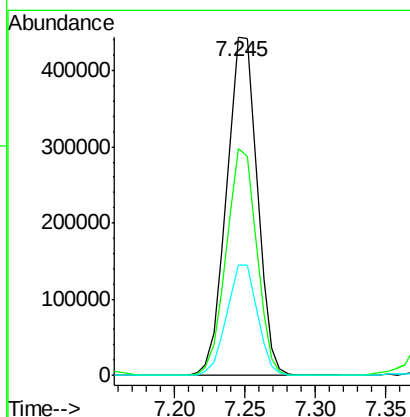
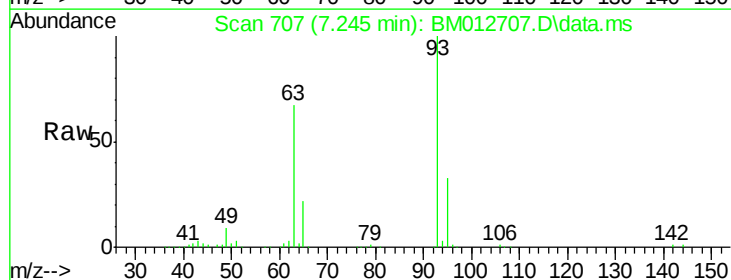
Tgt Ion: 93 Resp: 672581

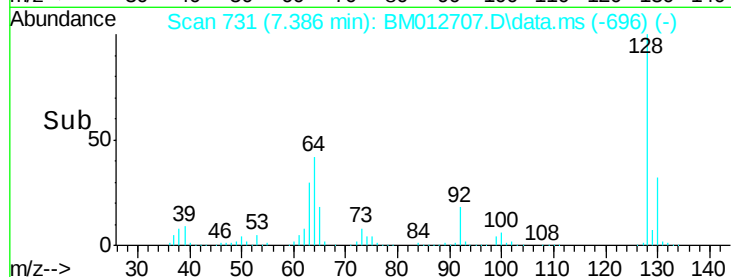
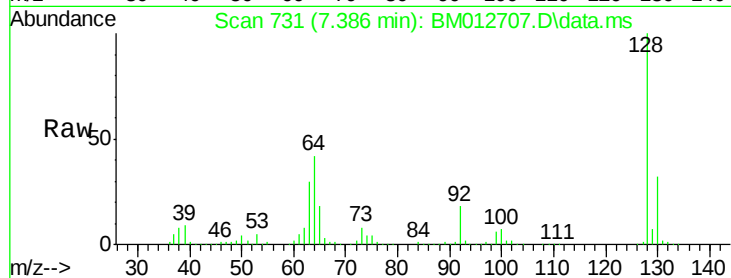
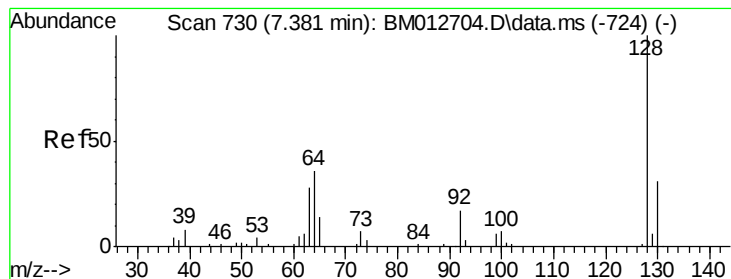
Ion Ratio Lower Upper

93 100

63 67.2 53.5 80.3

95 32.7 26.2 39.2





#10

2-Chlorophenol

Concen: 169.45 ng/ul

RT: 7.386 min Scan# 731

Delta R.T. 0.006 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

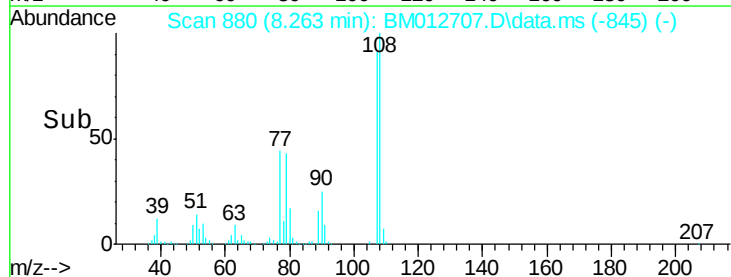
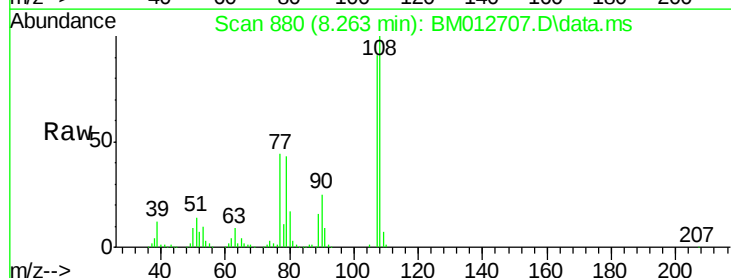
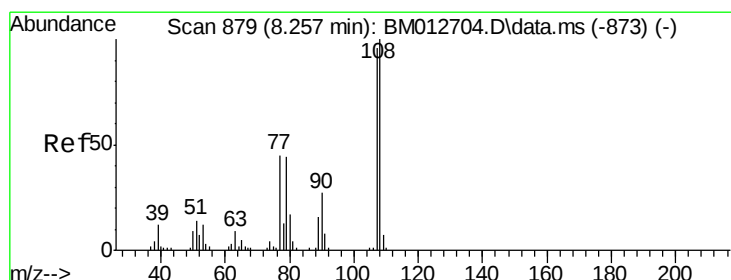
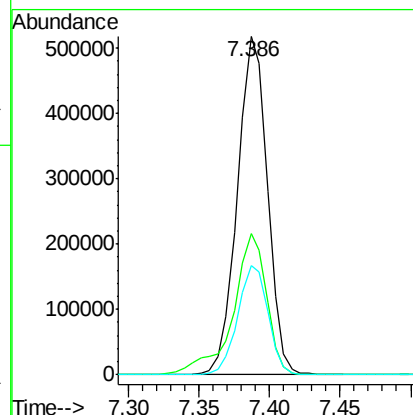
Tot Ion:128 Resp: 767796

Ion Ratio Lower Upper

128 100

64 41.8 31.9 47.9

130 32.4 25.6 38.4



#11

2-Methylphenol

Concen: 145.34 ng/ul

RT: 8.263 min Scan# 880

Delta R.T. 0.006 min

Lab File: BM012707.D

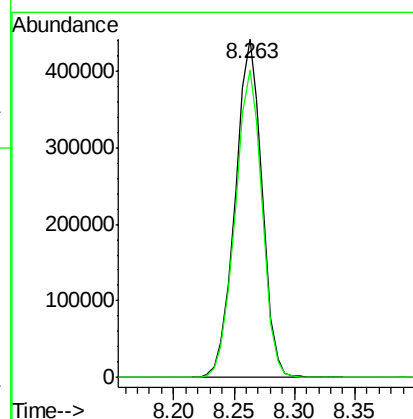
Acq: 04 Nov 2017 14:54

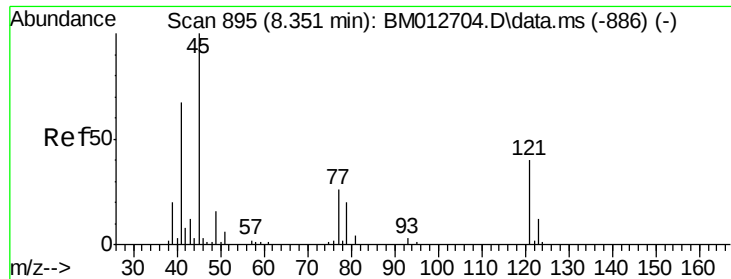
Tgt Ion:108 Resp: 680402

Ion Ratio Lower Upper

108 100

107 90.9 72.4 108.6

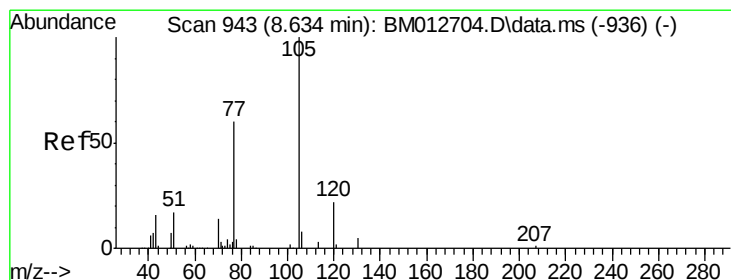
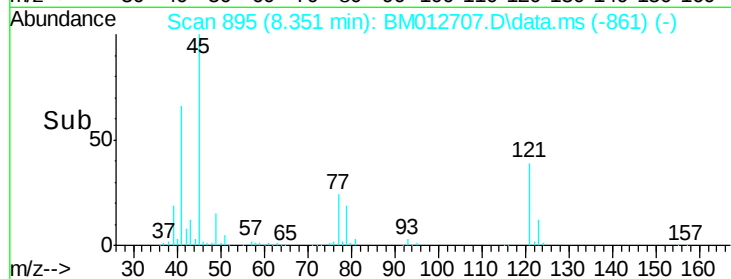
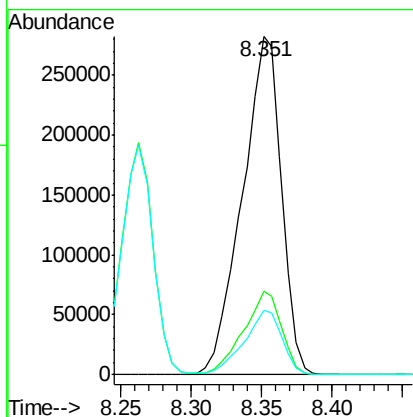
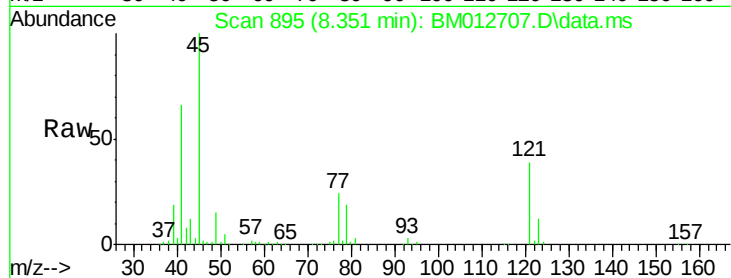




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 64.10 ng/ul
RT: 8.351 min Scan# 89
Delta R.T. -0.000 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

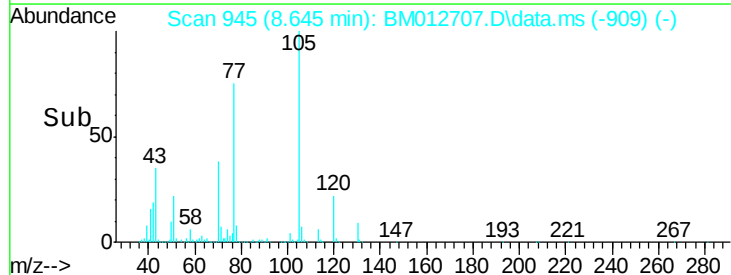
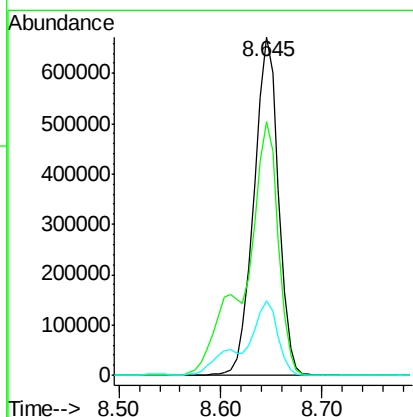
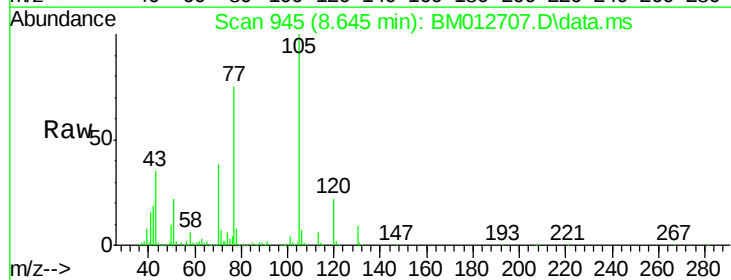
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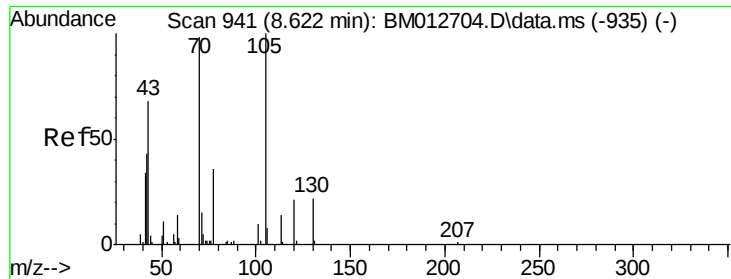
Tot Ion: 45 Resp: 548139
Ion Ratio Lower Upper
45 100
77 24.5 15.9 23.9#
79 19.1 12.5 18.7#



#14
Acetophenone
Concen: 139.73 ng/ul
RT: 8.645 min Scan# 945
Delta R.T. 0.011 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

Tgt Ion: 105 Resp: 1125021
Ion Ratio Lower Upper
105 100
77 75.2 59.0 88.4
51 22.1 16.4 24.6

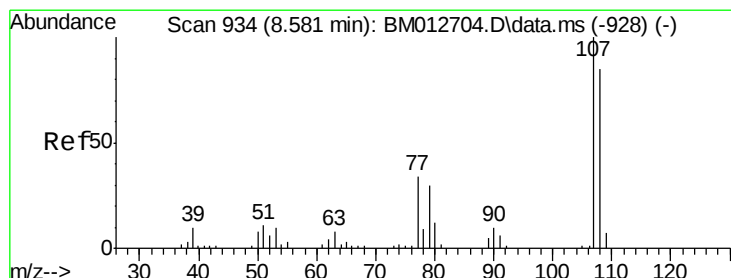
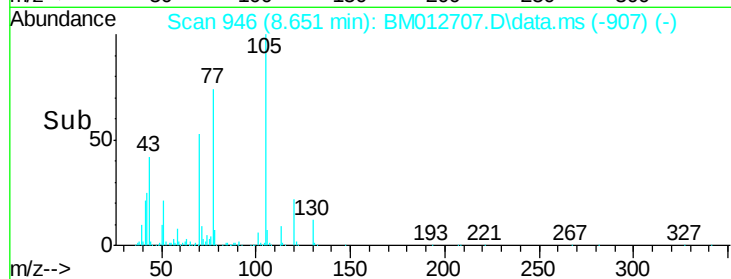
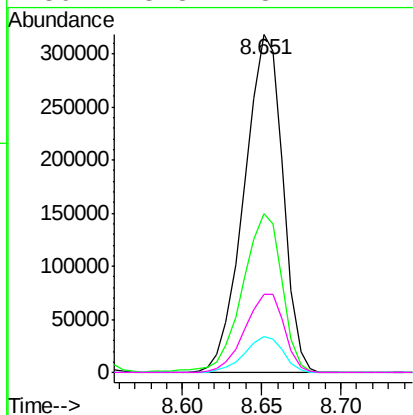
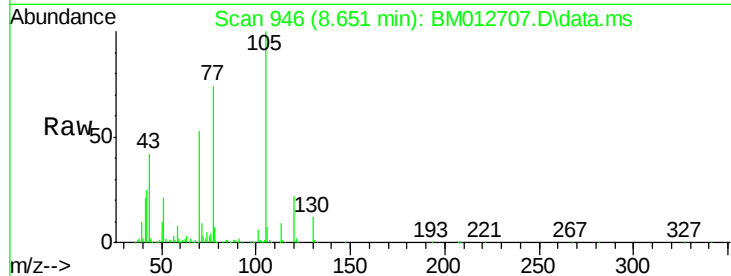




#15
N-Nitroso-di-n-propylamine
Concen: 116.26 ng/ul
RT: 8.651 min Scan# 941
Delta R.T. 0.029 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

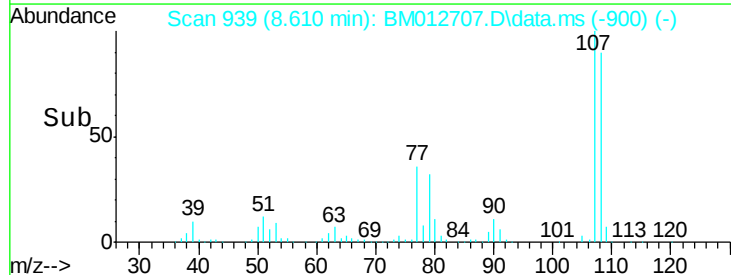
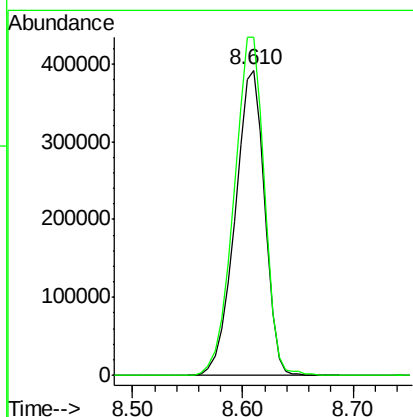
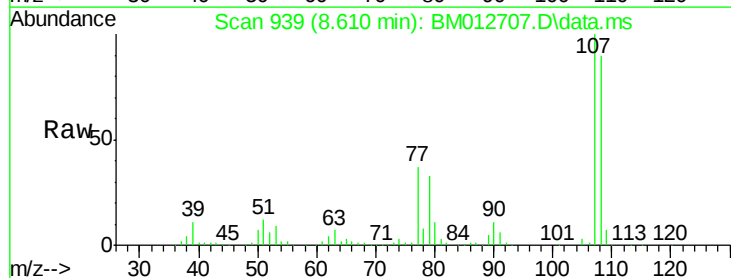
Instrument :
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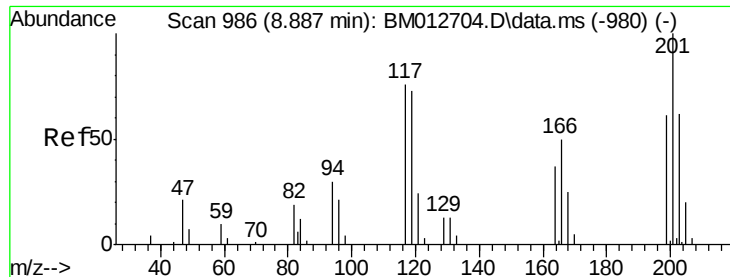
Tot Ion:	70	Resp:	540195
Ion	Ratio	Lower	Upper
70	100		
42	47.2	35.4	53.0
101	10.7	8.4	12.6
130	23.3	18.2	27.4



#16
4-Methylphenol
Concen: 144.88 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. 0.029 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

Tgt Ion:	108	Resp:	736580
Ion	Ratio	Lower	Upper
108	100		
107	110.6	90.3	135.5

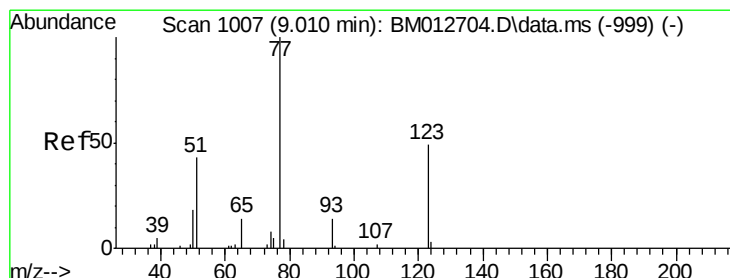
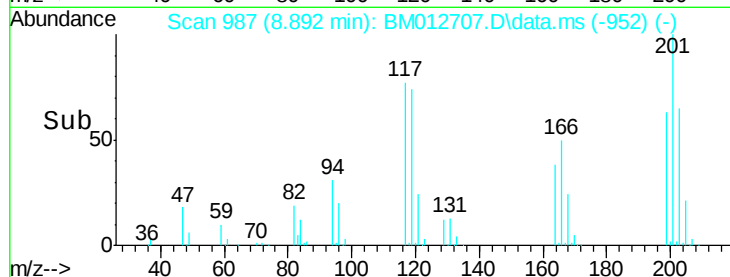
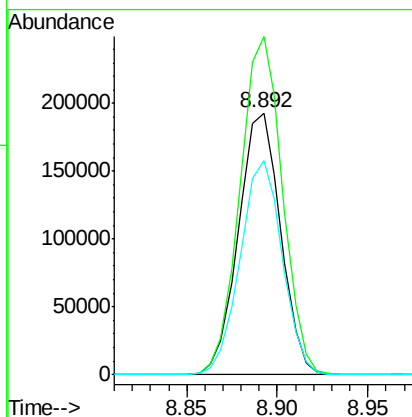
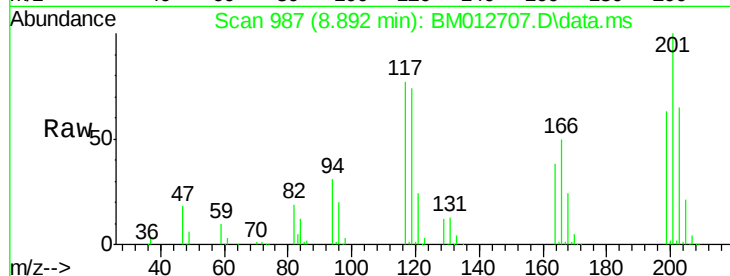




#17
Hexachloroethane
Concen: 142.49 ng/ul
RT: 8.892 min Scan# 98
Delta R.T. 0.006 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

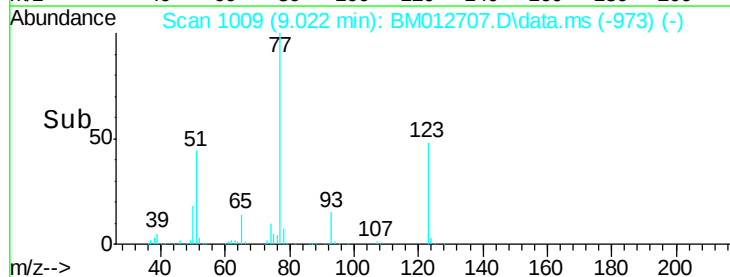
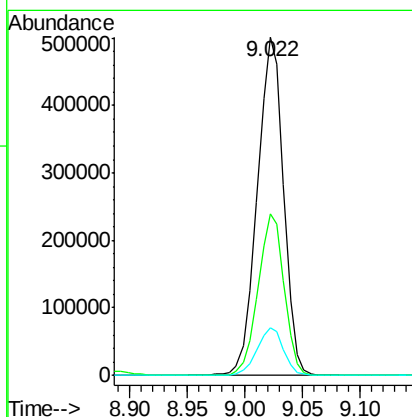
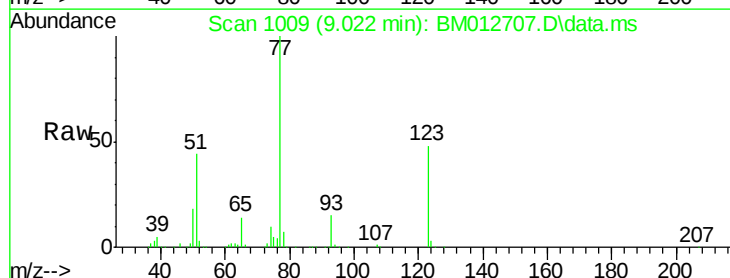
Instrument :
BNA_M
ClientSampleId :
SSTD16092

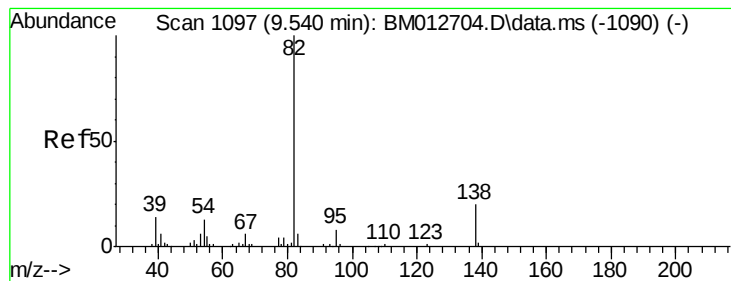
Tot Ion:117 Resp: 311541
Ion Ratio Lower Upper
117 100
201 129.2 81.5 122.3#
199 81.8 50.6 76.0#



#20
Nitrobenzene
Concen: 117.97 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

Tgt Ion: 77 Resp: 797497
Ion Ratio Lower Upper
77 100
123 47.6 39.0 58.4
65 14.1 10.4 15.6





#21

Isophorone

Concen: 128.11 ng/ul

RT: 9.563 min Scan# 111

Delta R.T. 0.023 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

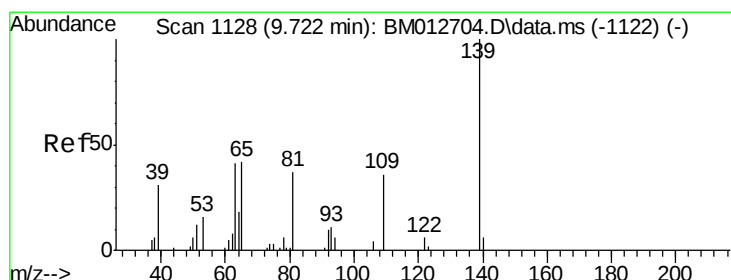
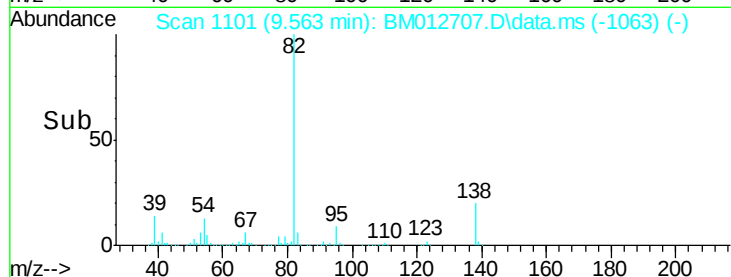
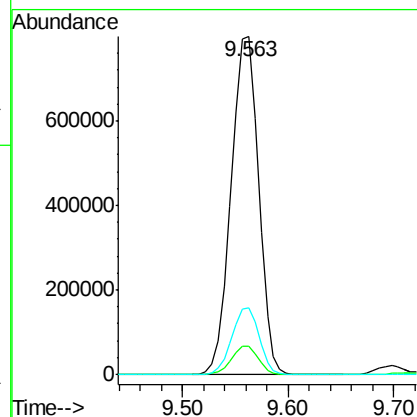
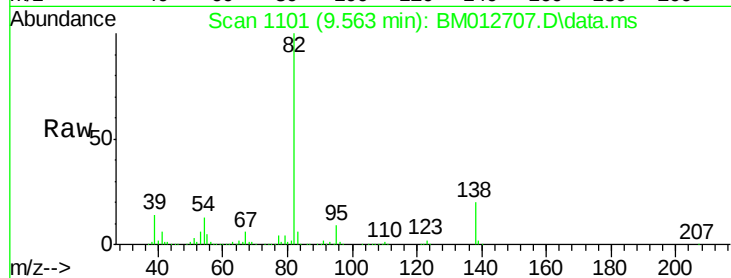
Tot Ion: 82 Resp: 1439996

Ion Ratio Lower Upper

82 100

95 8.6 6.4 9.6

138 19.6 14.9 22.3



#23

2-Nitrophenol

Concen: 192.05 ng/ul

RT: 9.727 min Scan# 1129

Delta R.T. 0.006 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

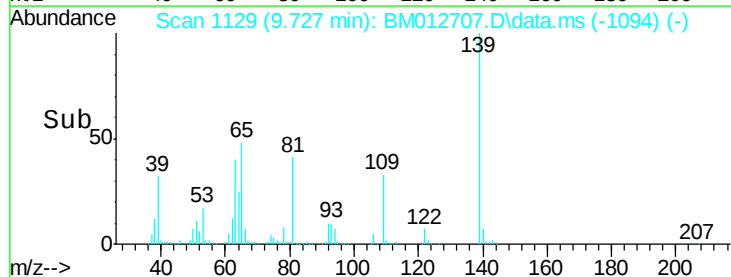
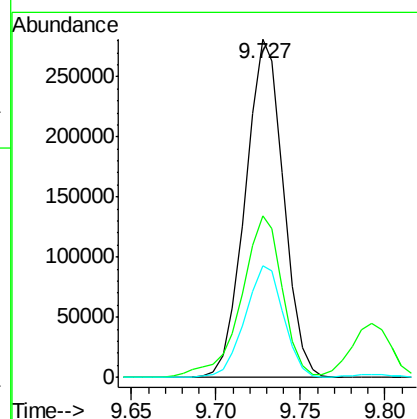
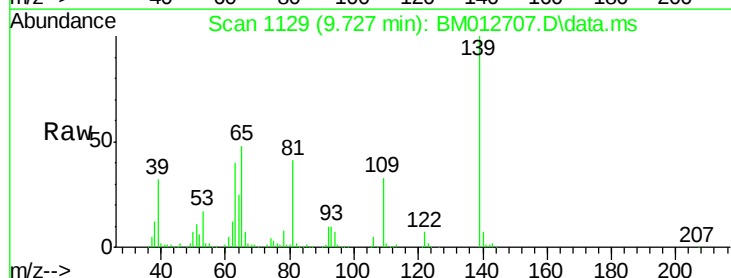
Tgt Ion: 139 Resp: 441651

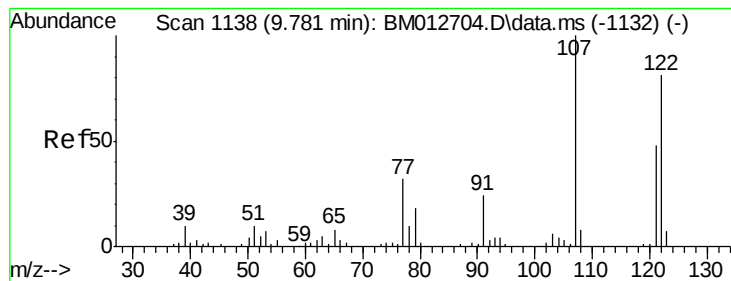
Ion Ratio Lower Upper

139 100

65 47.7 36.3 54.5

109 32.9 26.4 39.6





#24

2,4-Dimethylphenol

Concen: 149.67 ng/ul

RT: 9.792 min Scan# 11

Delta R.T. 0.011 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

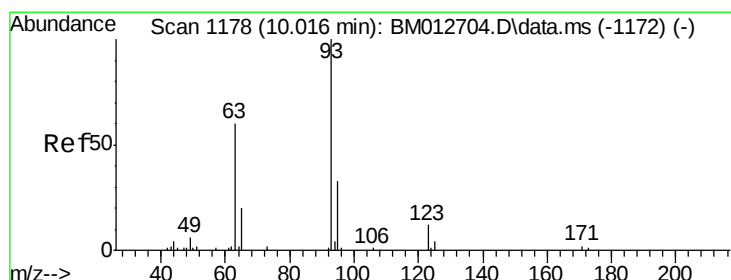
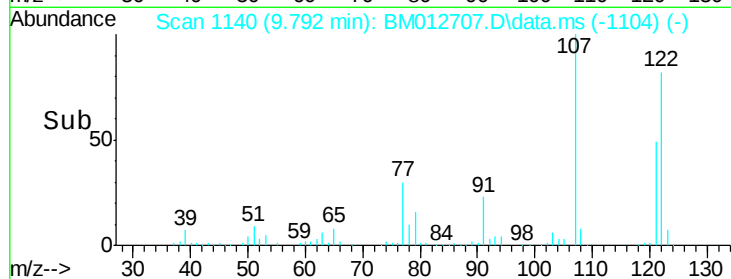
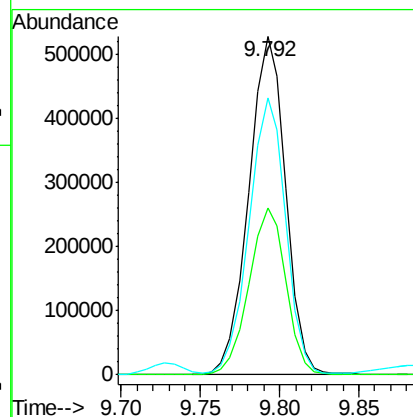
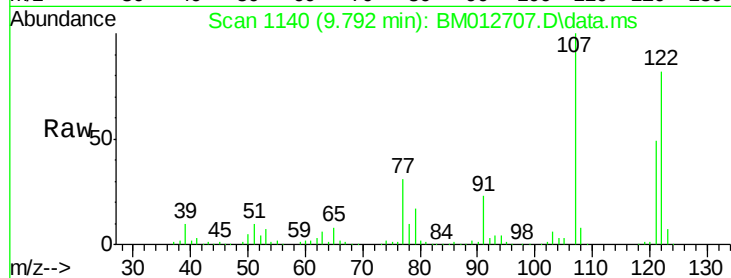
Tot Ion:107 Resp: 850114

Ion Ratio Lower Upper

107 100

121 49.1 40.6 61.0

122 81.8 67.8 101.6



#25

Bis(2-Chloroethoxy)methane

Concen: 135.98 ng/ul

RT: 10.027 min Scan# 1180

Delta R.T. 0.012 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

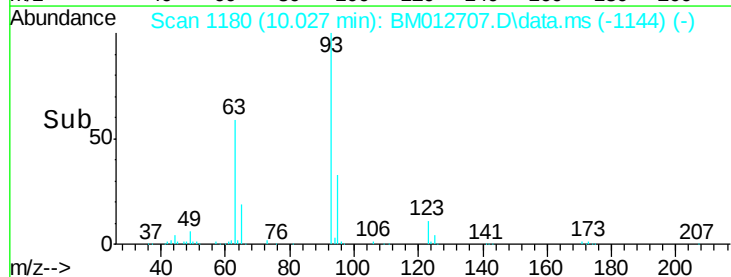
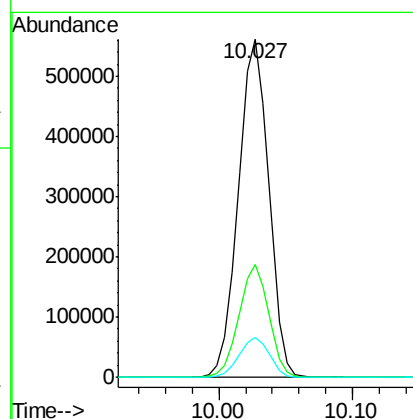
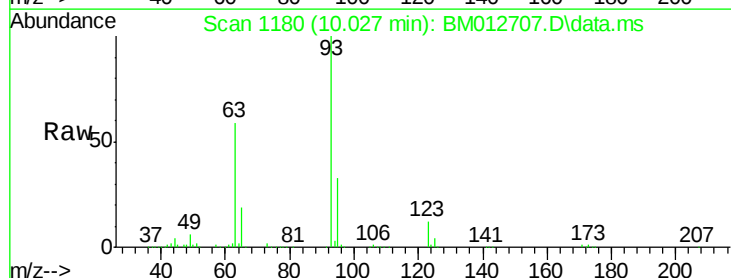
Tgt Ion: 93 Resp: 885830

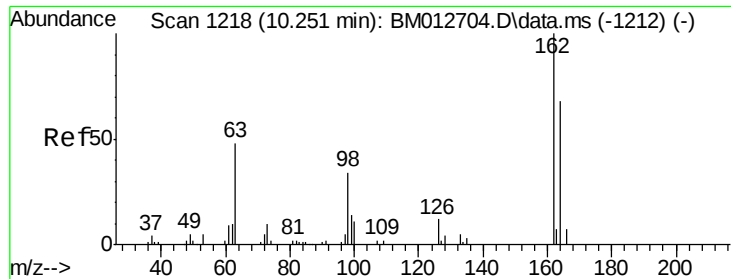
Ion Ratio Lower Upper

93 100

95 33.4 25.8 38.8

123 11.9 9.8 14.8

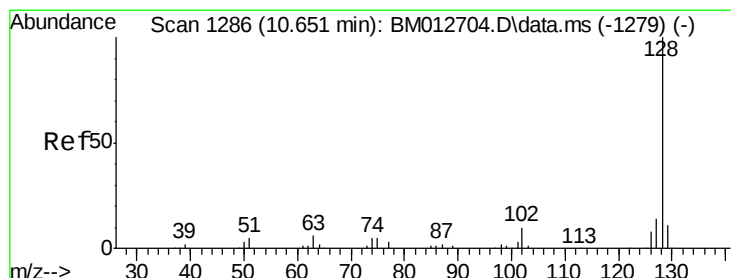
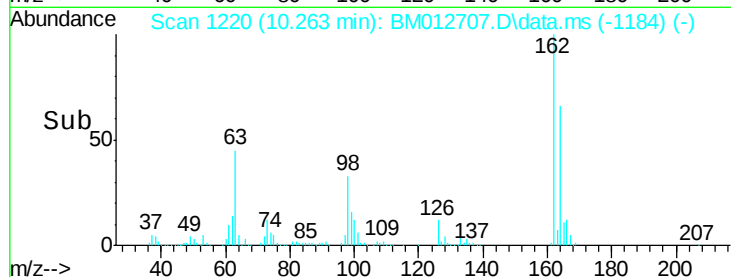
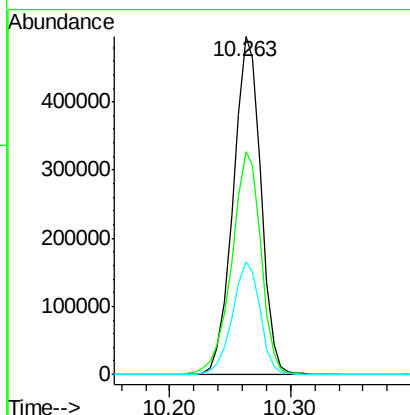
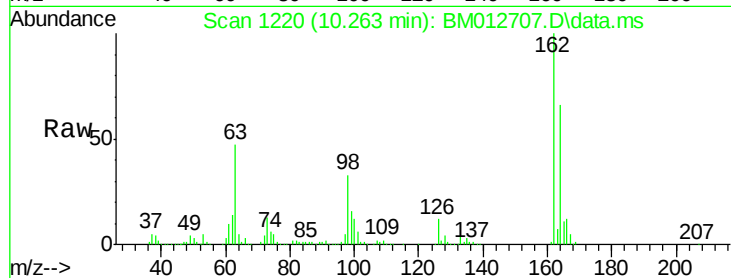




#27
 2,4-Dichlorophenol
 Concen: 183.97 ng/ul
 RT: 10.263 min Scan# 1218
 Delta R.T. 0.012 min
 Lab File: BM012707.D
 Acq: 04 Nov 2017 14:54

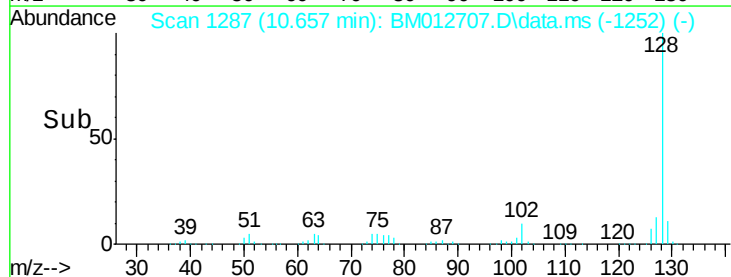
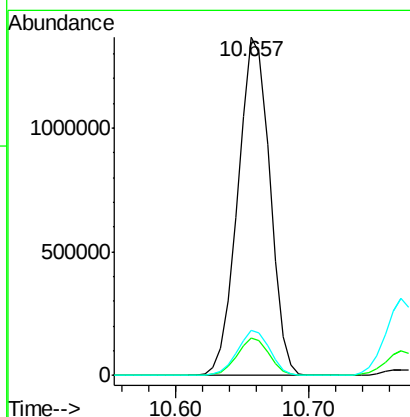
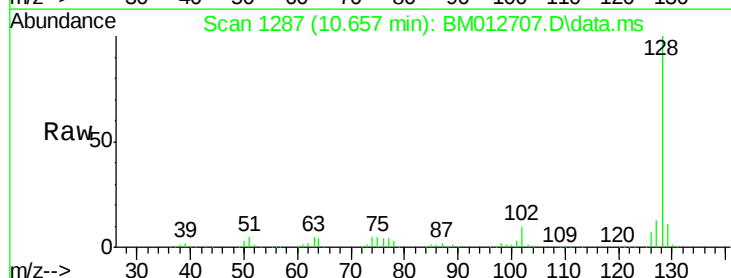
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16092

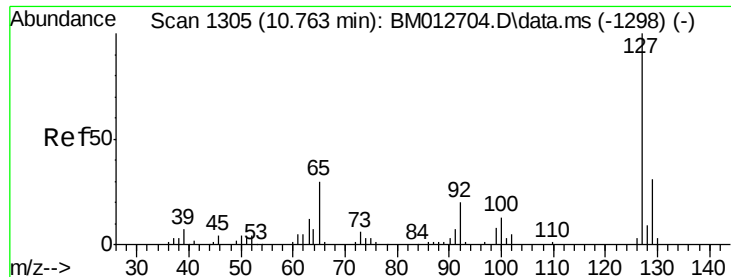
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	52.1	78.1
98	33.4	28.4	42.6



#28
 Naphthalene
 Concen: 164.04 ng/ul
 RT: 10.657 min Scan# 1287
 Delta R.T. 0.006 min
 Lab File: BM012707.D
 Acq: 04 Nov 2017 14:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.5	15.7

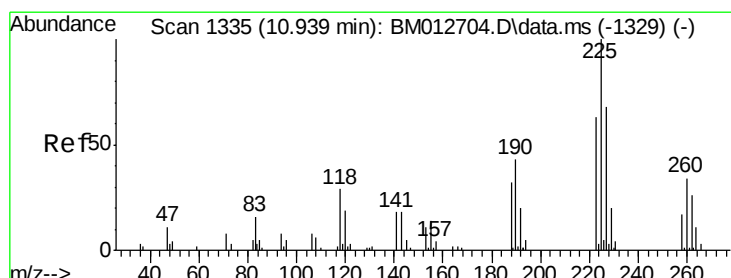
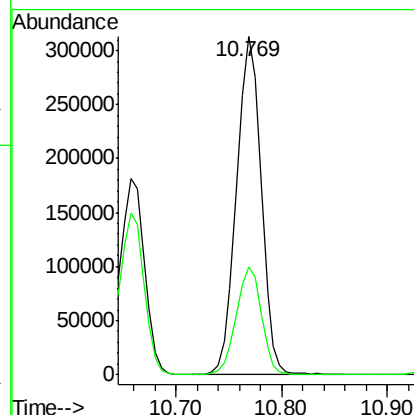
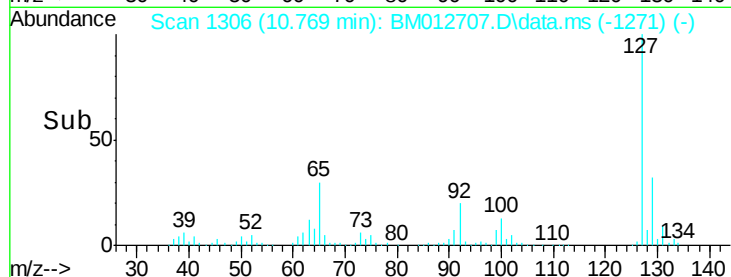
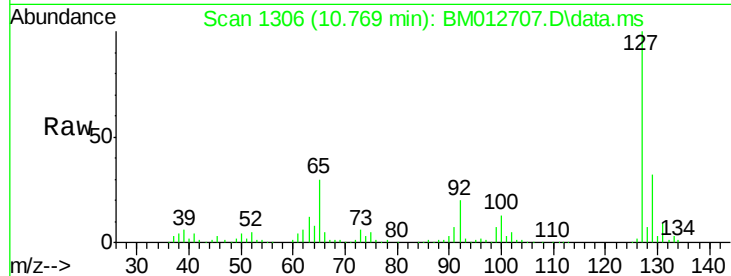




#30
4-Chloroaniline
Concen: 96.98 ng/ul
RT: 10.769 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

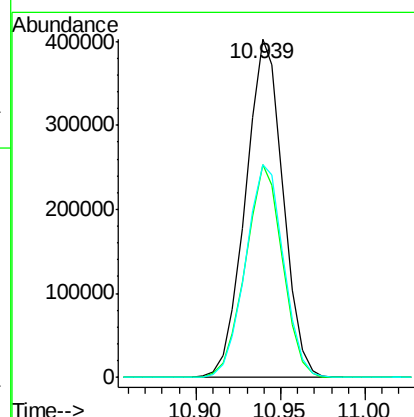
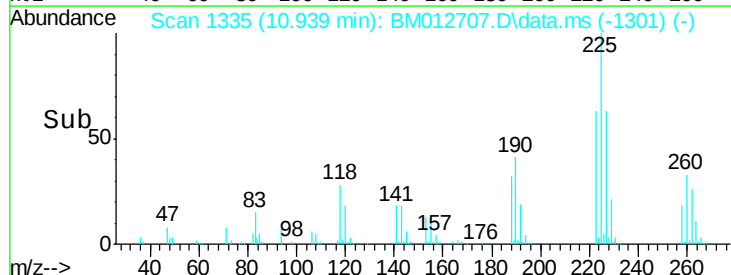
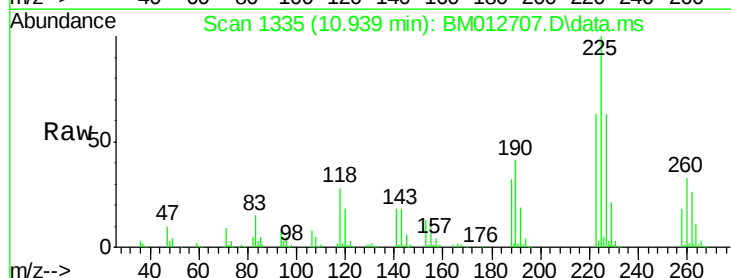
Instrument :
BNA_M
ClientSampleId :
SSTD16092

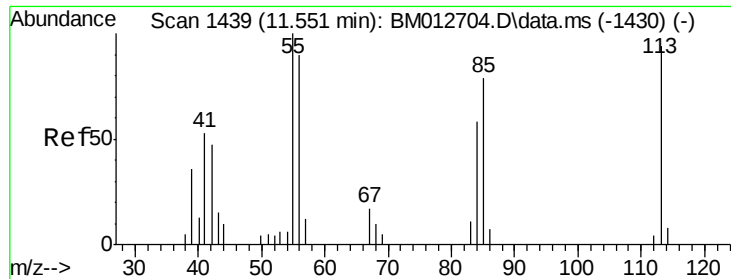
Tot Ion:127 Resp: 503610
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2



#31
Hexachlorobutadiene
Concen: 184.57 ng/ul
RT: 10.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

Tgt Ion:225 Resp: 620191
Ion Ratio Lower Upper
225 100
223 63.0 51.4 77.2
227 63.0 50.7 76.1





#32

Caprolactam

Concen: 96.35 ng/ul

RT: 11.592 min Scan# 14

Delta R.T. 0.041 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

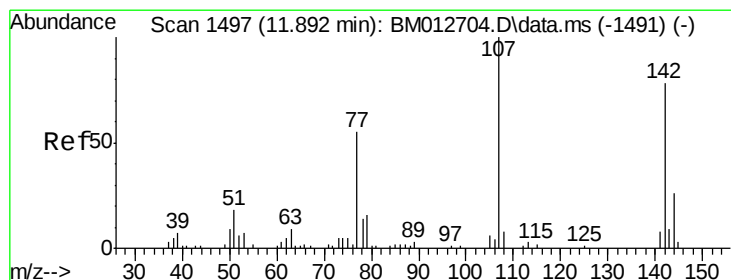
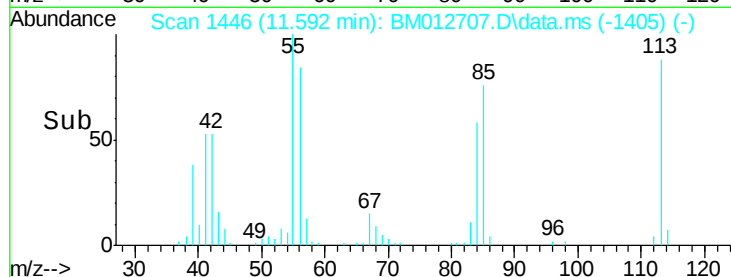
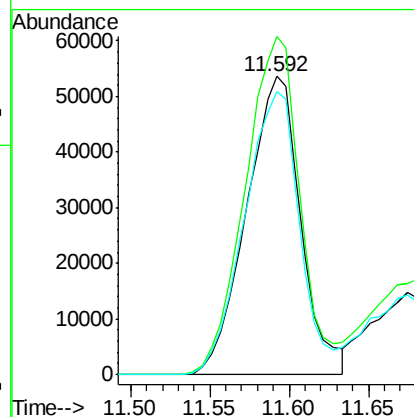
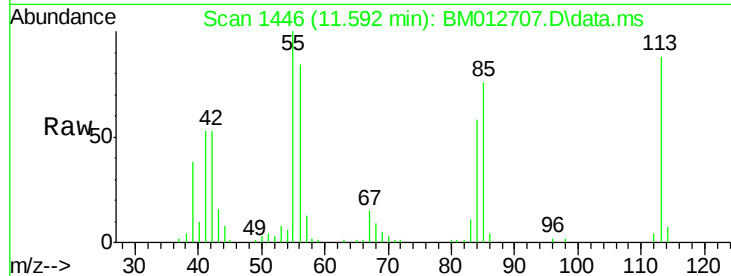
Tot Ion:113 Resp: 127363

Ion Ratio Lower Upper

113 100

55 113.5 101.9 152.9

56 95.2 81.2 121.8



#33

4-Chloro-3-methylphenol

Concen: 156.13 ng/ul

RT: 11.910 min Scan# 1500

Delta R.T. 0.017 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

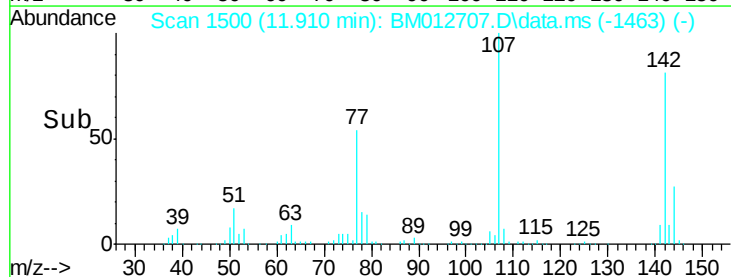
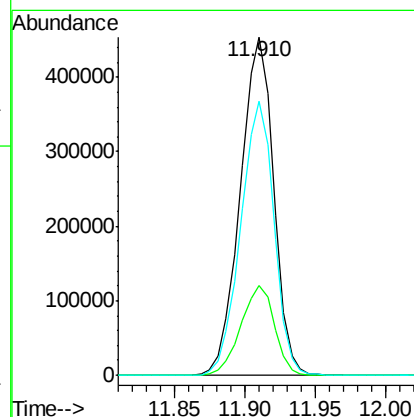
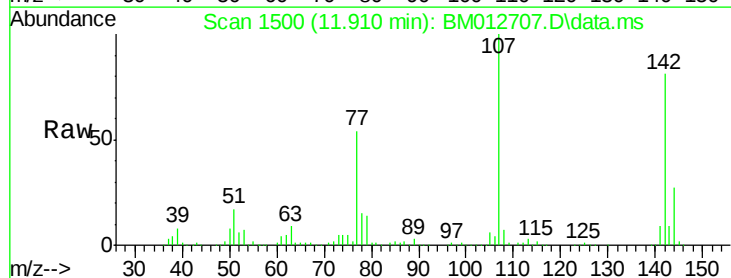
Tgt Ion:107 Resp: 752140

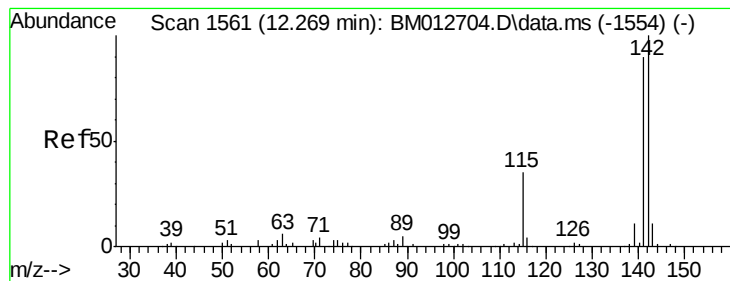
Ion Ratio Lower Upper

107 100

144 26.6 20.4 30.6

142 81.2 62.5 93.7





#34

2-Methylnaphthalene

Concen: 173.78 ng/ul

RT: 12.269 min Scan# 15

Delta R.T. -0.000 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

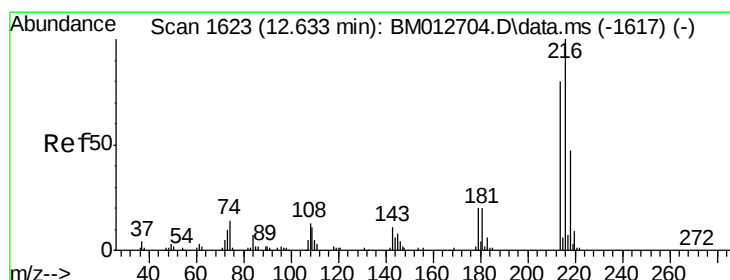
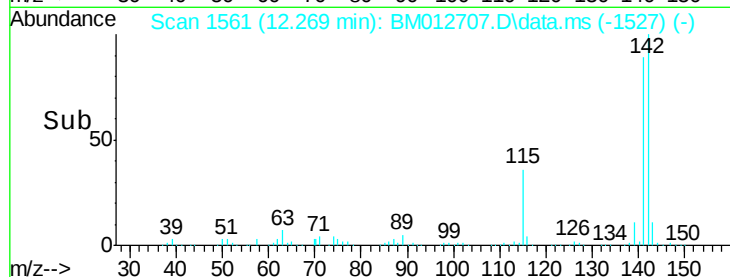
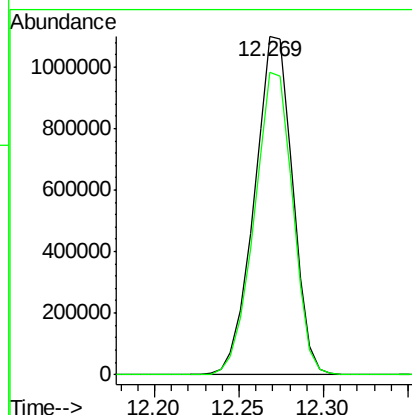
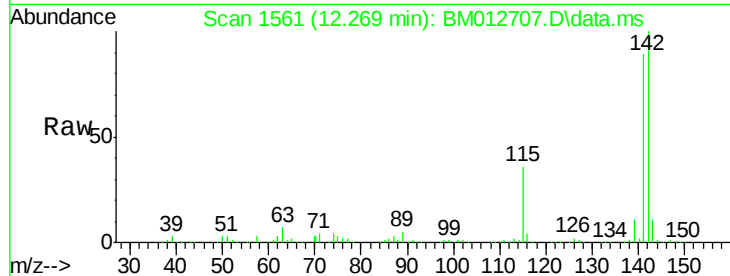
SSTD16092

Tot Ion:142 Resp: 1729793

Ion Ratio Lower Upper

142 100

141 89.3 71.6 107.4



#36

1,2,4,5-Tetrachlorobenzene

Concen: 198.84 ng/ul

RT: 12.645 min Scan# 1625

Delta R.T. 0.011 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Tgt Ion:216 Resp: 1070918

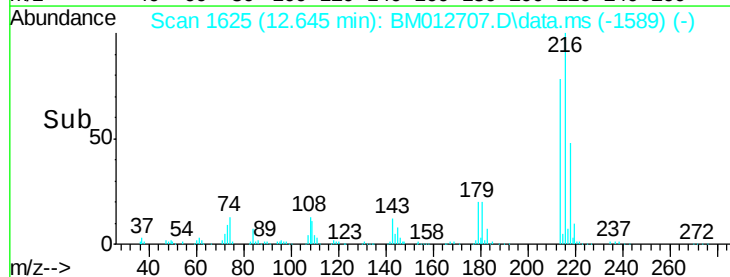
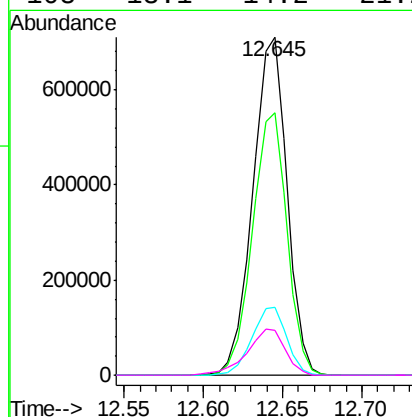
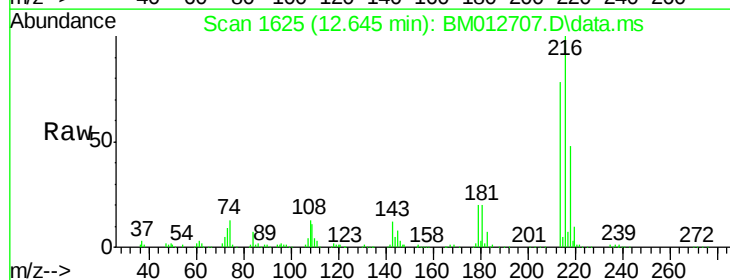
Ion Ratio Lower Upper

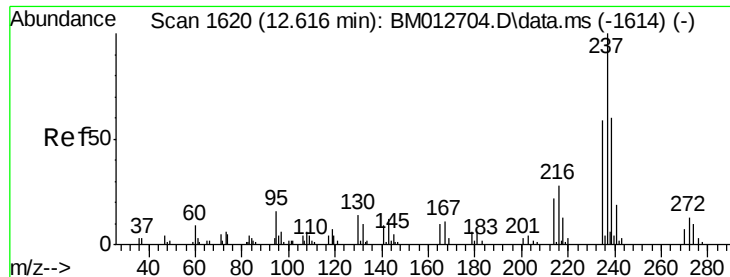
216 100

214 77.8 62.5 93.7

179 20.2 18.2 27.2

108 13.1 14.2 21.2#

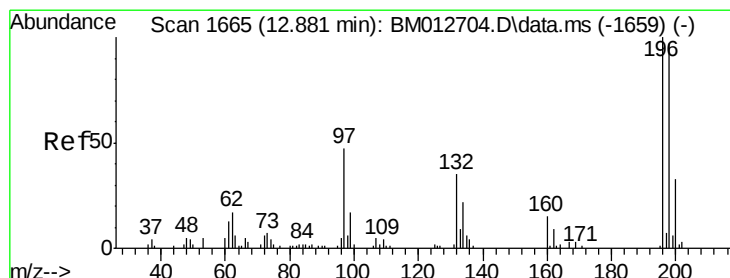
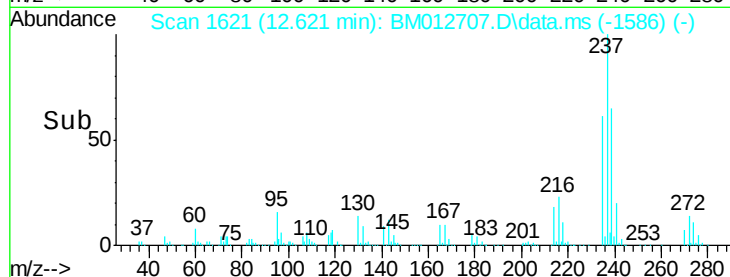
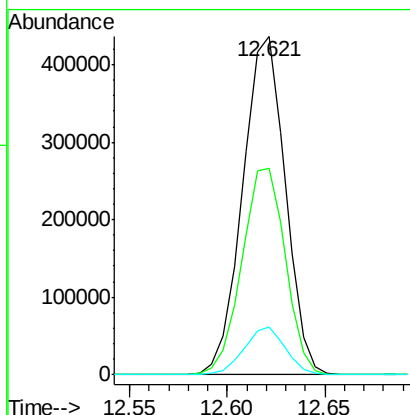
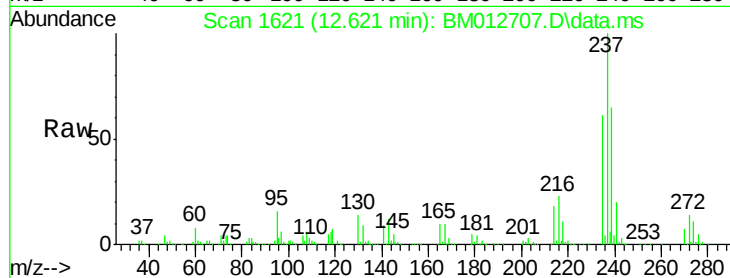




#37
Hexachlorocyclopentadiene
Concen: 195.52 ng/ul
RT: 12.621 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

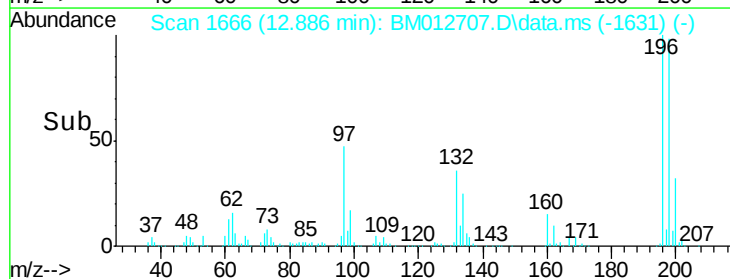
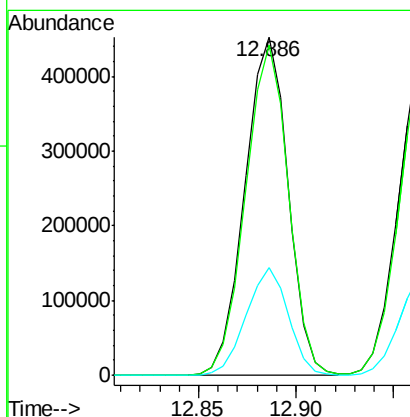
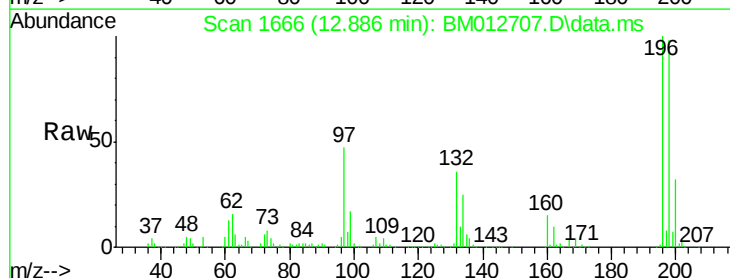
Instrument :
BNA_M
ClientSampleId :
SSTD16092

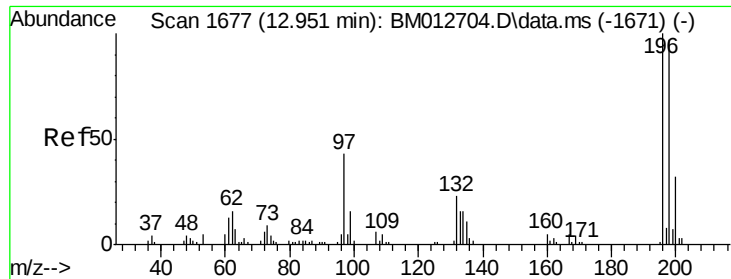
Tot Ion	Ratio	Lower	Upper
237	100		
235	60.9	50.4	75.6
272	14.0	9.6	14.4



#38
2,4,6-Trichlorophenol
Concen: 219.25 ng/ul
RT: 12.886 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	76.6	114.8
200	31.7	24.7	37.1

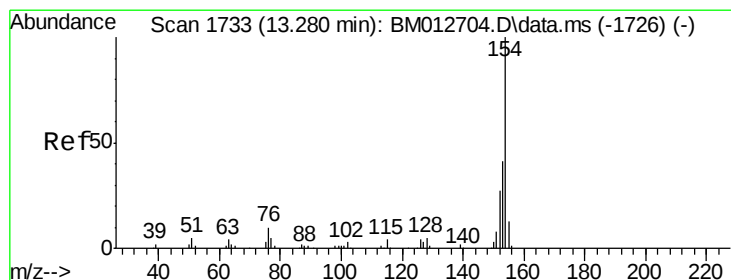
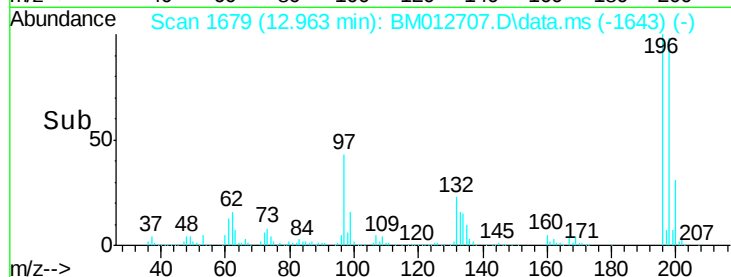
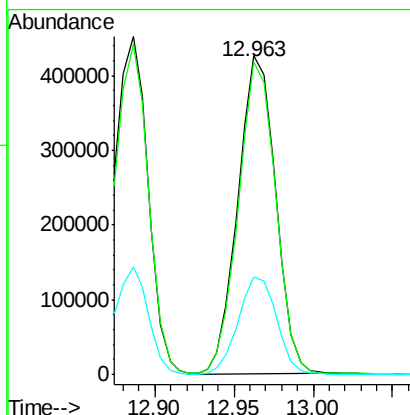
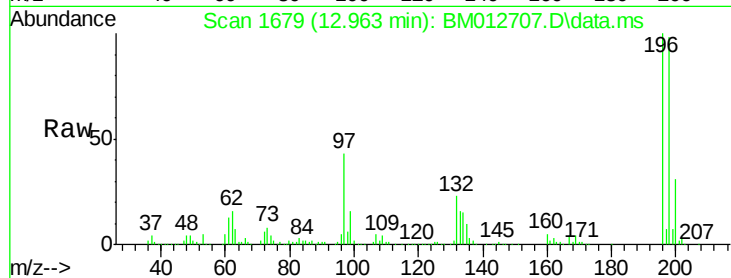




#39
 2,4,5-Trichlorophenol
 Concen: 207.33 ng/ul
 RT: 12.963 min Scan# 1677
 Delta R.T. 0.011 min
 Lab File: BM012707.D
 Acq: 04 Nov 2017 14:54

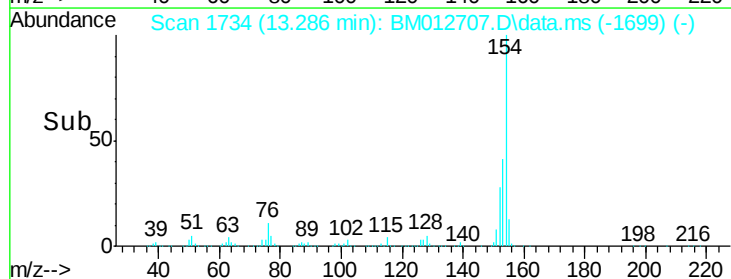
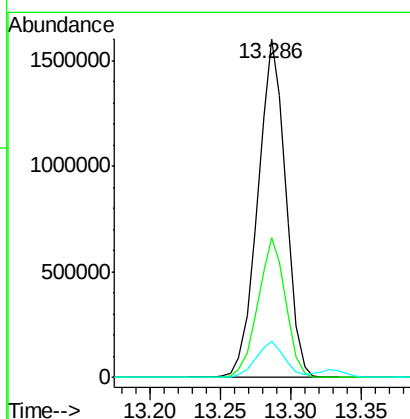
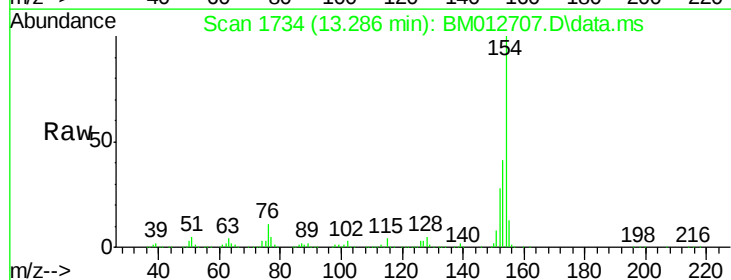
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16092

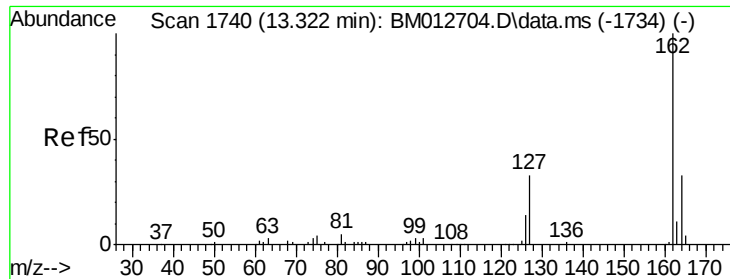
Tot Ion:196 Resp: 705407
 Ion Ratio Lower Upper
 196 100
 198 98.0 76.9 115.3
 200 30.7 25.0 37.4



#40
 1,1'-Biphenyl
 Concen: 188.10 ng/ul
 RT: 13.286 min Scan# 1734
 Delta R.T. 0.006 min
 Lab File: BM012707.D
 Acq: 04 Nov 2017 14:54

Tgt Ion:154 Resp: 2228118
 Ion Ratio Lower Upper
 154 100
 153 41.3 32.1 48.1
 76 10.5 9.5 14.3

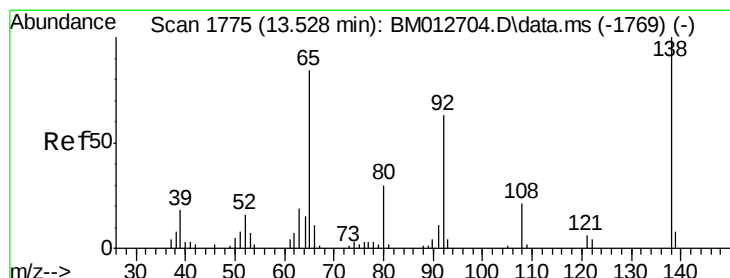
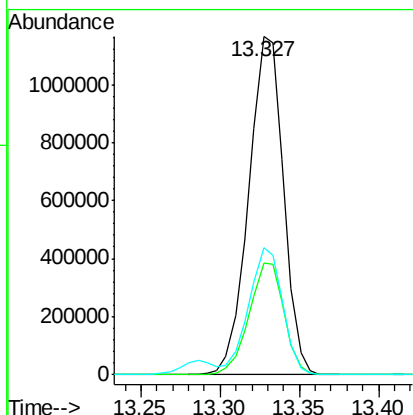
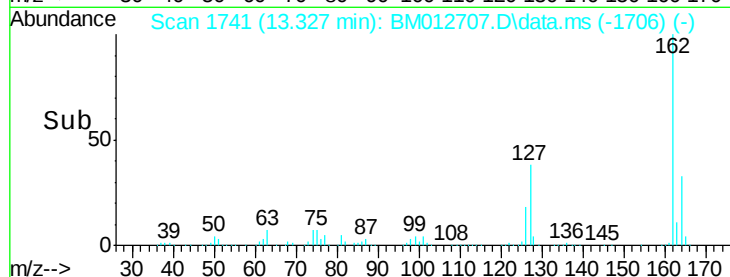
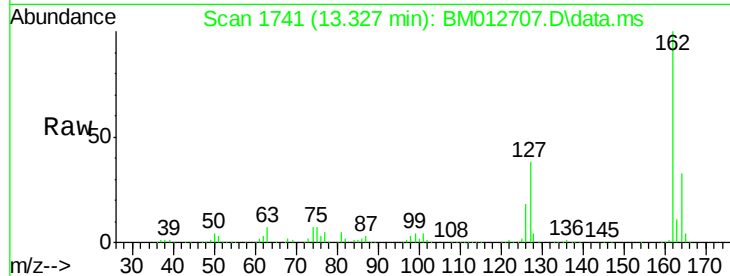




#41
2-Chloronaphthalene
Concen: 192.93 ng/ul
RT: 13.327 min Scan# 17
Delta R.T. 0.006 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

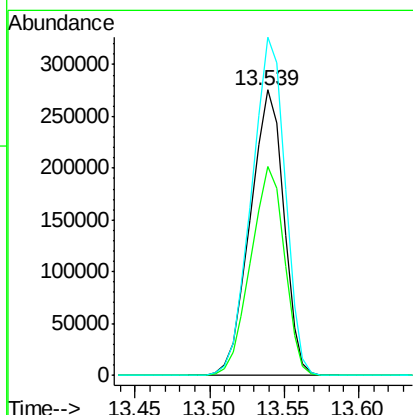
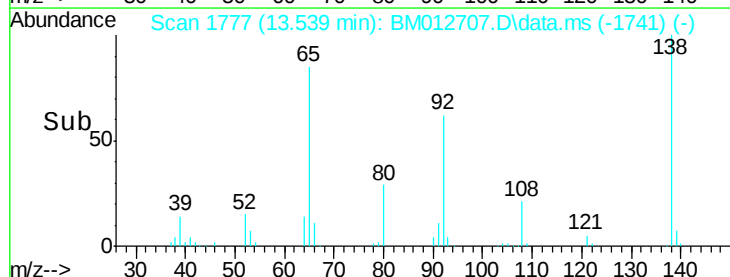
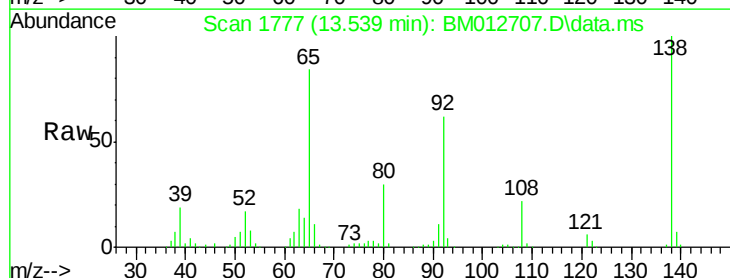
Instrument :
BNA_M
ClientSampleId :
SSTD16092

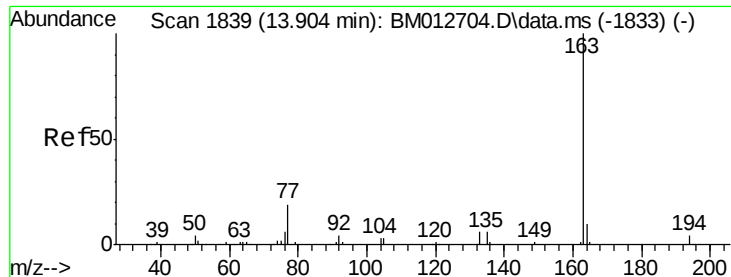
Tot Ion:162 Resp: 1777830
Ion Ratio Lower Upper
162 100
164 33.1 25.9 38.9
127 37.6 34.1 51.1



#42
2-Nitroaniline
Concen: 126.17 ng/ul
RT: 13.539 min Scan# 1777
Delta R.T. 0.011 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

Tgt Ion: 65 Resp: 428500
Ion Ratio Lower Upper
65 100
92 73.2 60.4 90.6
138 118.6 99.8 149.6





#44

Dimethylphthalate

Concen: 190.04 ng/ul

RT: 13.915 min Scan# 18

Delta R.T. 0.012 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

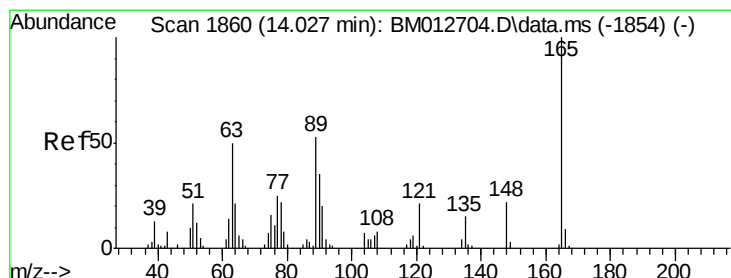
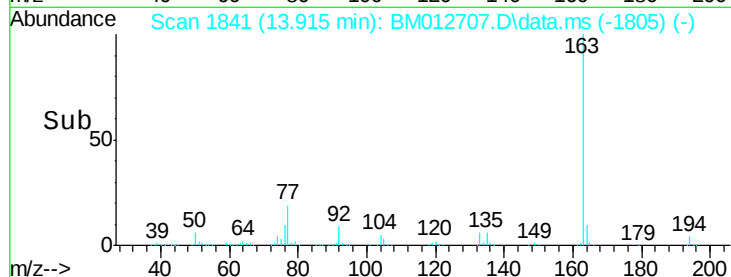
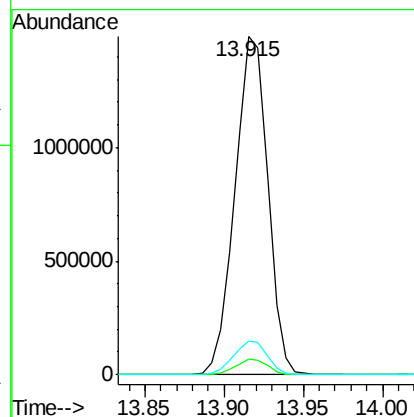
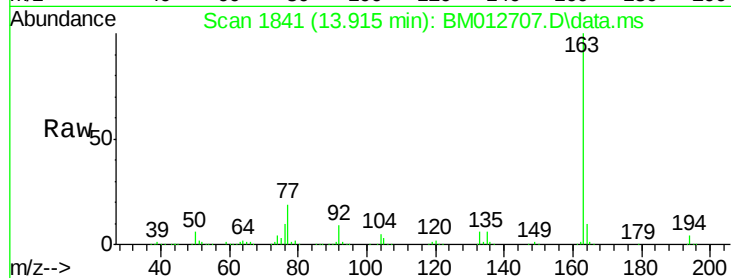
Tot Ion:163 Resp: 2137497

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 10.0 7.8 11.8



#45

2,6-Dinitrotoluene

Concen: 217.55 ng/ul

RT: 14.039 min Scan# 1862

Delta R.T. 0.011 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

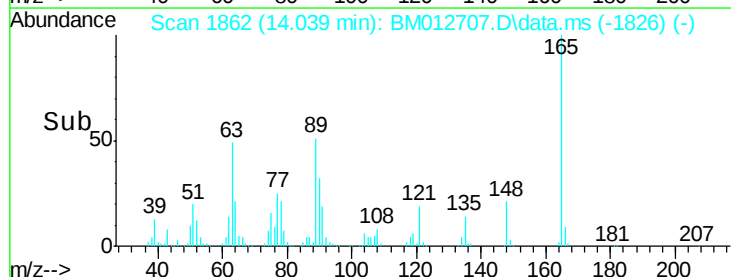
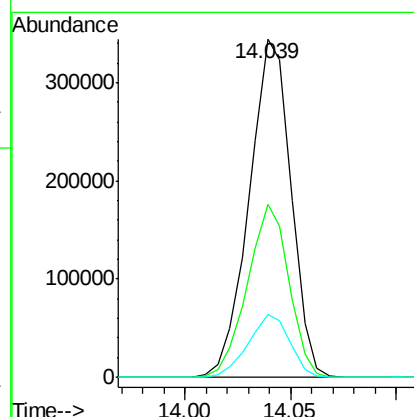
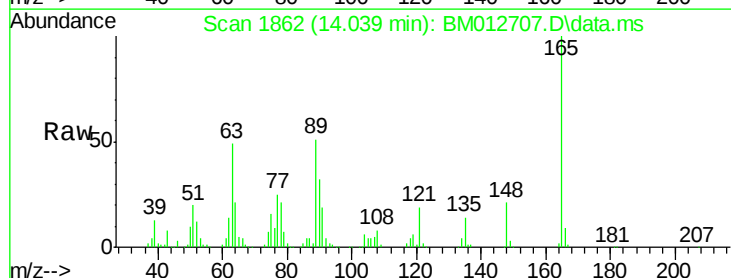
Tgt Ion:165 Resp: 472883

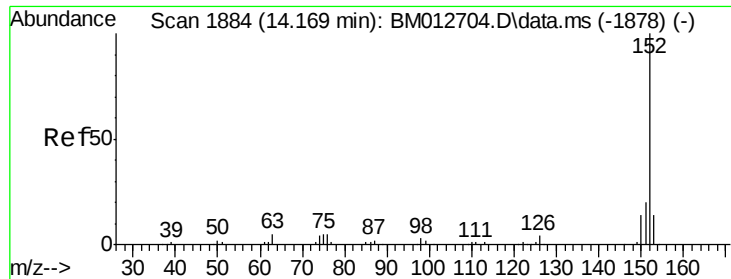
Ion Ratio Lower Upper

165 100

89 51.1 42.4 63.6

121 18.6 16.6 24.8





#47

Acenaphthylene

Concen: 188.74 ng/ul

RT: 14.180 min Scan# 18

Delta R.T. 0.011 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

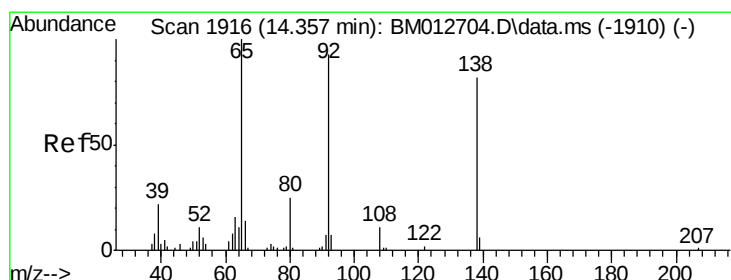
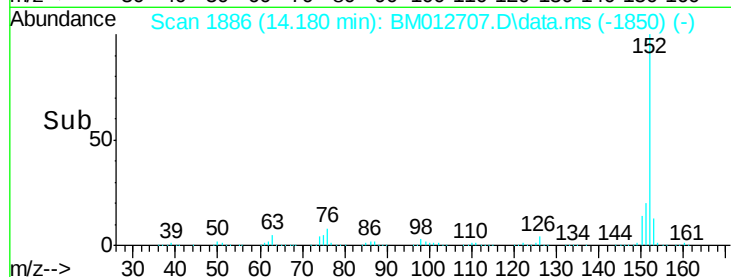
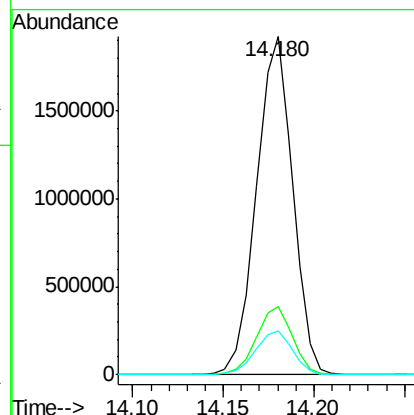
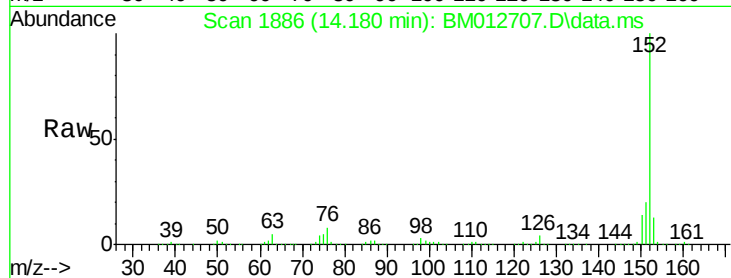
Tot Ion:152 Resp: 2658974

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

153 12.9 10.5 15.7



#48

3-Nitroaniline

Concen: 147.83 ng/ul

RT: 14.368 min Scan# 1918

Delta R.T. 0.011 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

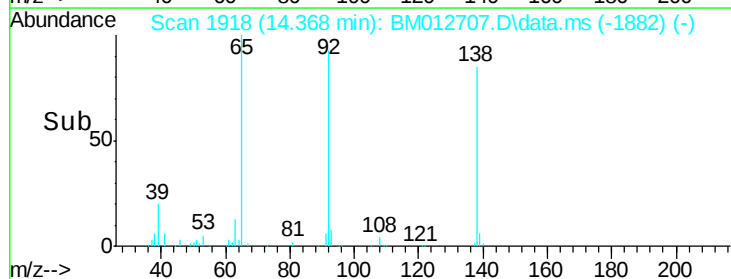
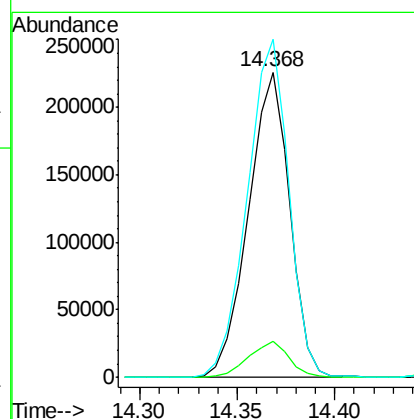
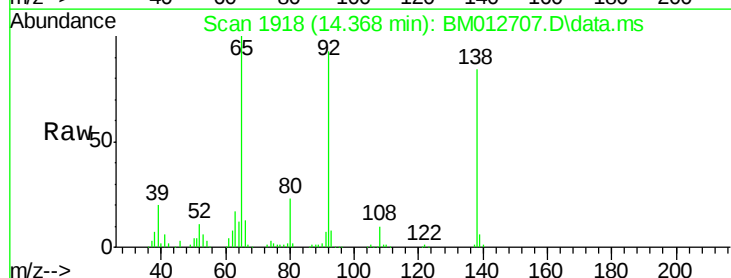
Tgt Ion:138 Resp: 331314

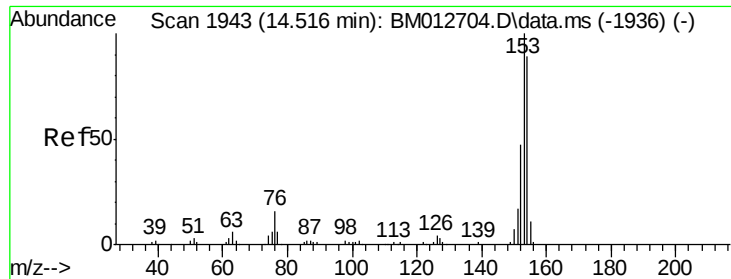
Ion Ratio Lower Upper

138 100

108 11.8 8.7 13.1

92 110.7 88.2 132.4





#49

Acenaphthene

Concen: 181.03 ng/ul

RT: 14.521 min Scan# 19

Delta R.T. 0.006 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

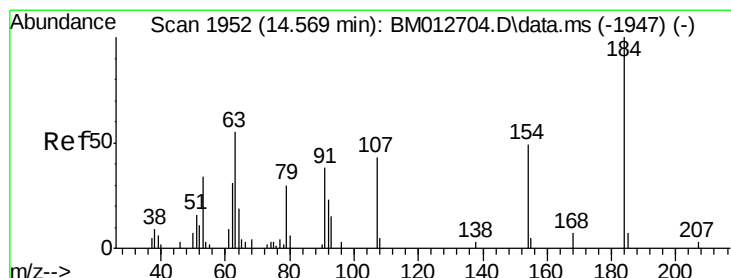
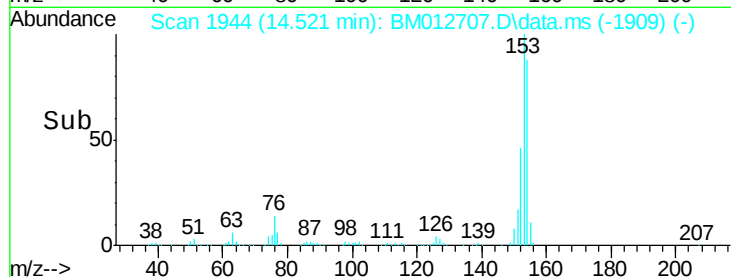
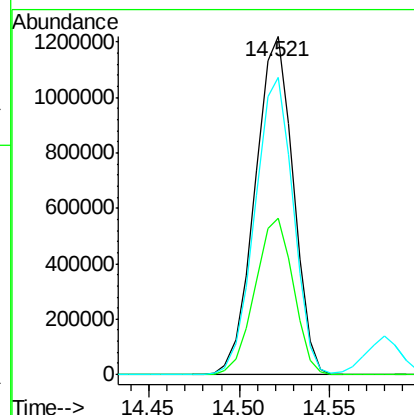
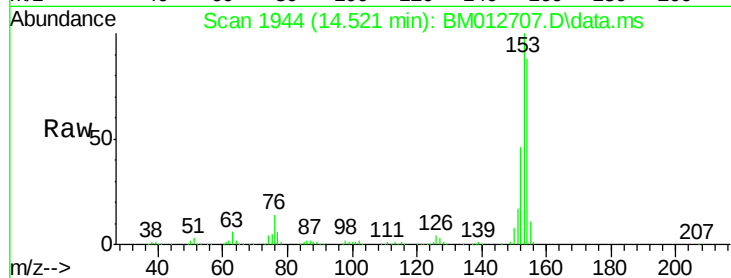
Tot Ion:153 Resp: 1791124

Ion Ratio Lower Upper

153 100

152 46.1 38.3 57.5

154 88.0 71.8 107.8



#50

2,4-Dinitrophenol

Concen: 209.13 ng/ul

RT: 14.580 min Scan# 1954

Delta R.T. 0.012 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

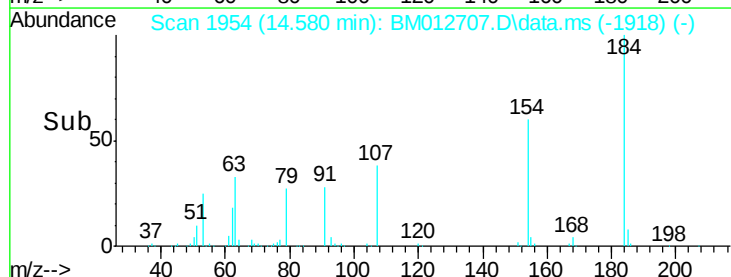
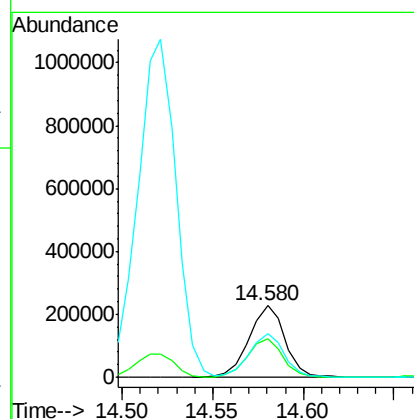
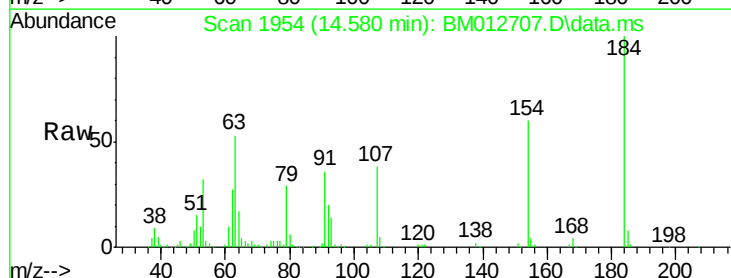
Tgt Ion:184 Resp: 312313

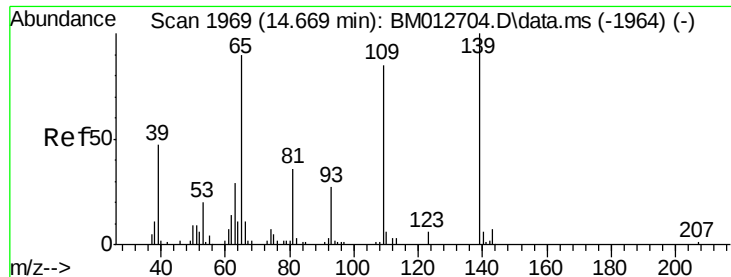
Ion Ratio Lower Upper

184 100

63 53.2 46.5 69.7

154 60.4 54.6 82.0





#52

4-Nitrophenol

Concen: 124.52 ng/ul

RT: 14.692 min Scan# 19

Delta R.T. 0.023 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

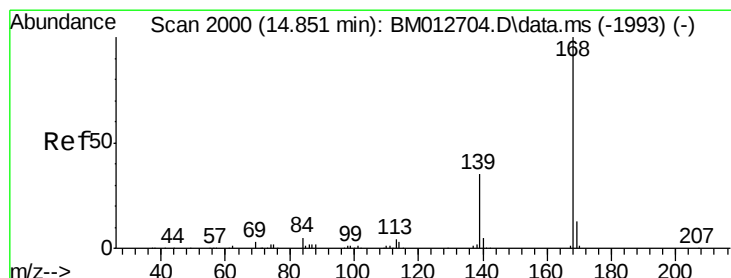
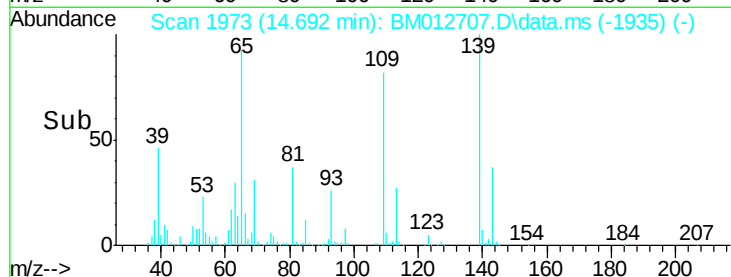
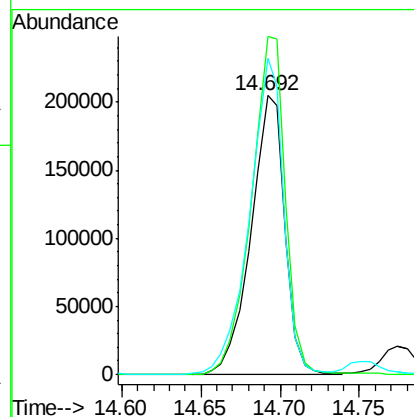
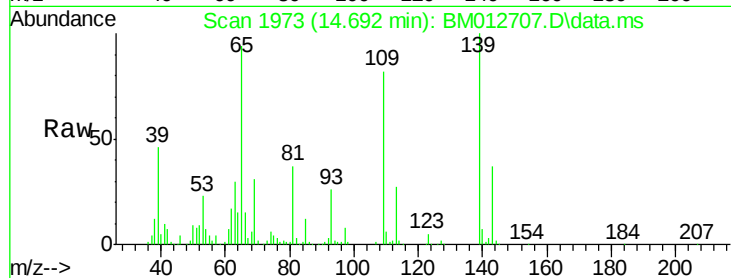
Tot Ion:109 Resp: 303313

Ion Ratio Lower Upper

109 100

139 121.3 103.7 155.5

65 113.7 89.4 134.2



#53

Dibenzofuran

Concen: 179.21 ng/ul

RT: 14.857 min Scan# 2001

Delta R.T. 0.006 min

Lab File: BM012707.D

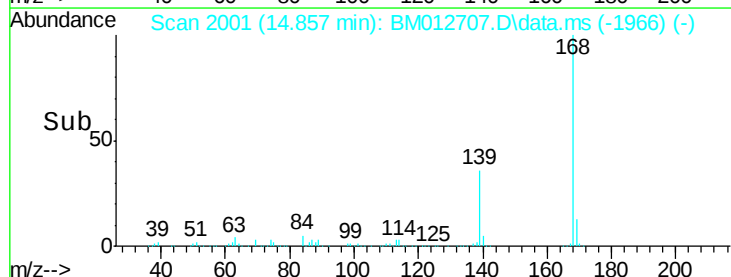
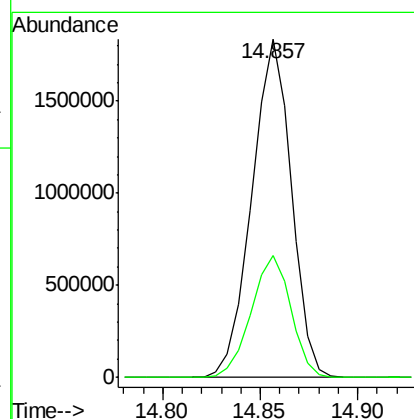
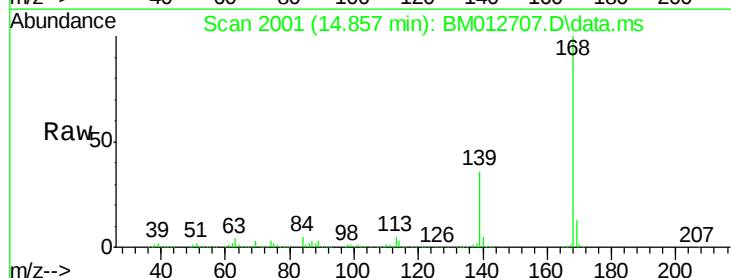
Acq: 04 Nov 2017 14:54

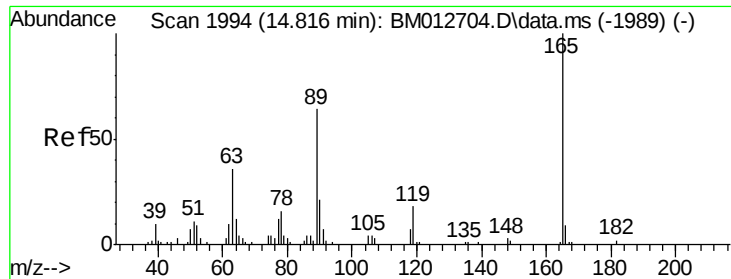
Tgt Ion:168 Resp: 2569842

Ion Ratio Lower Upper

168 100

139 35.9 32.2 48.2

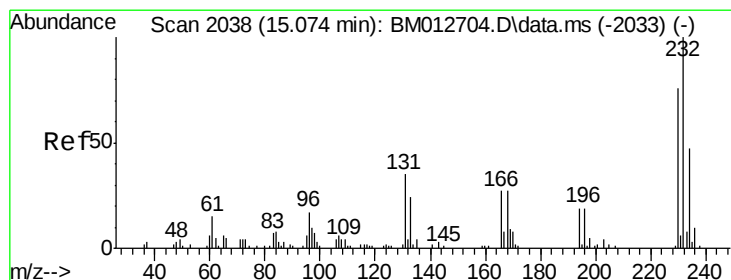
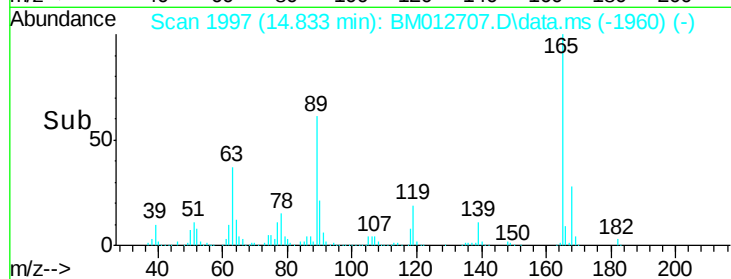
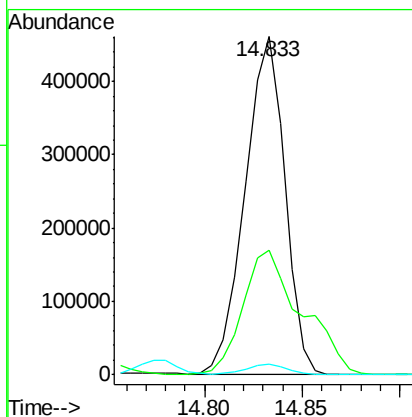
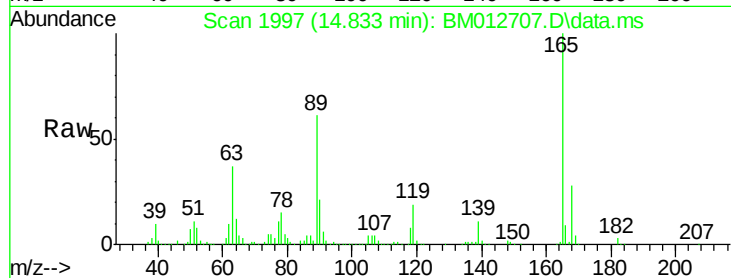




#54
 2,4-Dinitrotoluene
 Concen: 201.10 ng/ul
 RT: 14.833 min Scan# 19
 Delta R.T. 0.017 min
 Lab File: BM012707.D
 Acq: 04 Nov 2017 14:54

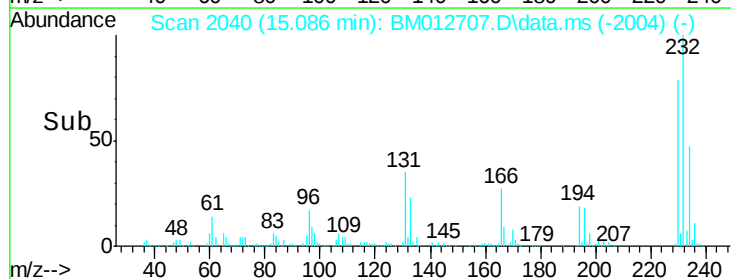
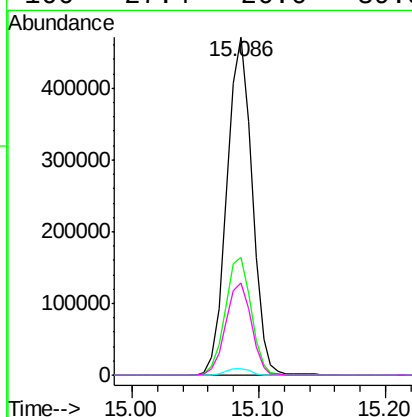
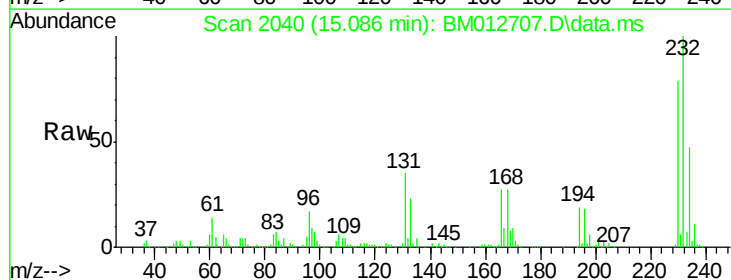
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16092

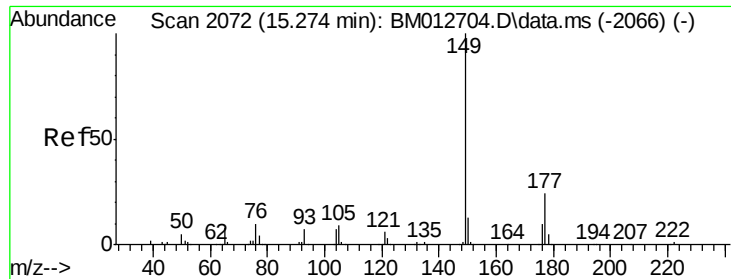
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.9	29.8	44.6
182	3.1	2.2	3.4



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 211.27 ng/ul
 RT: 15.086 min Scan# 2040
 Delta R.T. 0.011 min
 Lab File: BM012707.D
 Acq: 04 Nov 2017 14:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.9	39.4	59.2#
130	1.9	2.2	3.2#
166	27.4	26.6	39.8

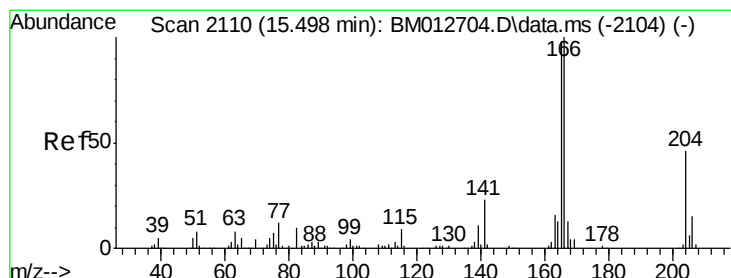
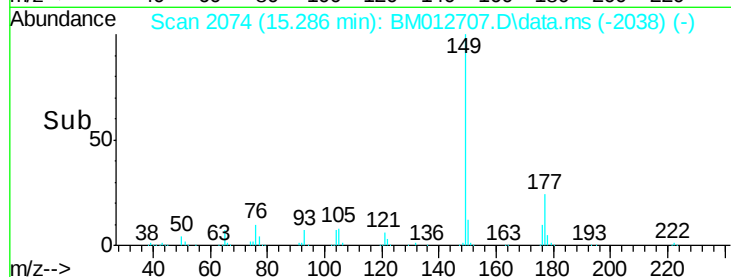
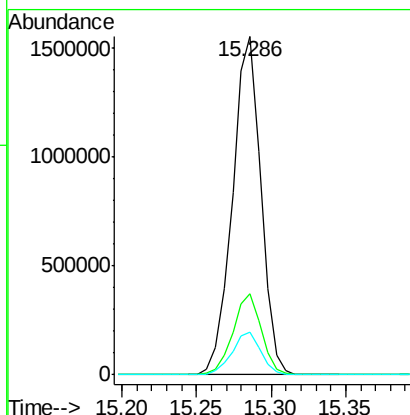
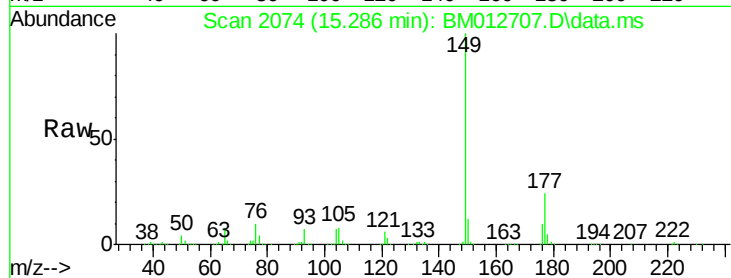




#56
Diethylphthalate
Concen: 179.23 ng/ul
RT: 15.286 min Scan# 2074
Delta R.T. 0.012 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

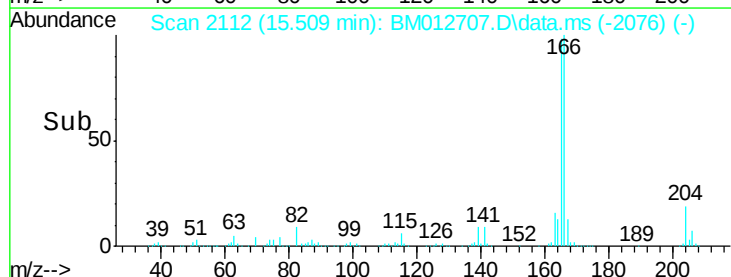
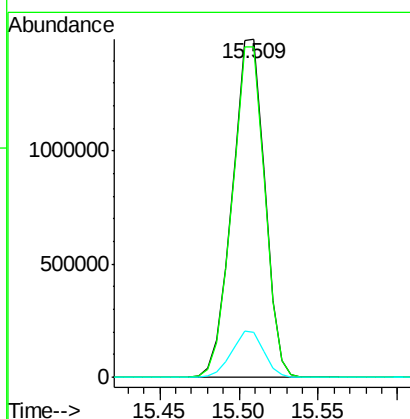
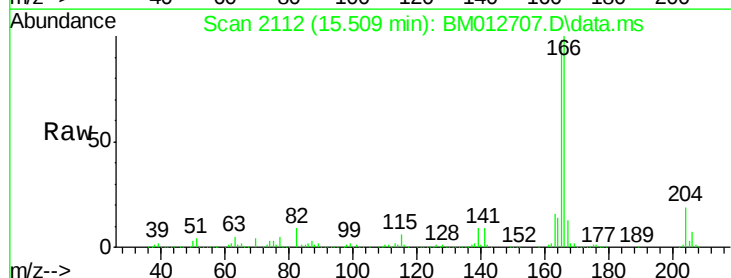
Instrument :
BNA_M
ClientSampleId :
SSTD16092

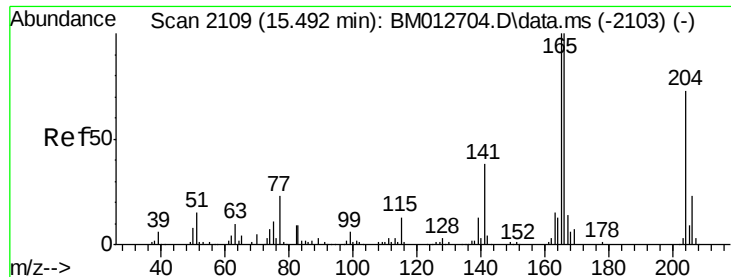
Tot Ion:149 Resp: 2067618
Ion Ratio Lower Upper
149 100
177 24.0 17.4 26.2
150 12.5 10.0 15.0



#58
Fluorene
Concen: 181.22 ng/ul
RT: 15.509 min Scan# 2112
Delta R.T. 0.012 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

Tgt Ion:166 Resp: 2119221
Ion Ratio Lower Upper
166 100
165 97.6 78.5 117.7
167 13.1 10.7 16.1





#59

4-Chlorophenyl-phenylether

Concen: 189.14 ng/ul

RT: 15.498 min Scan# 2109

Delta R.T. 0.006 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

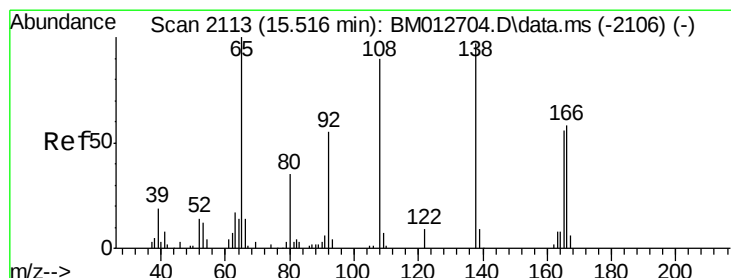
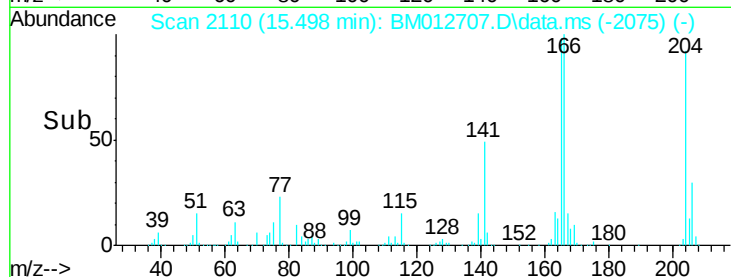
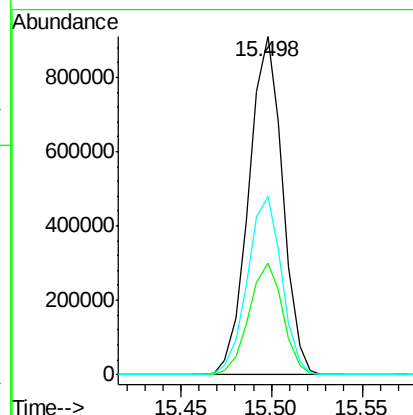
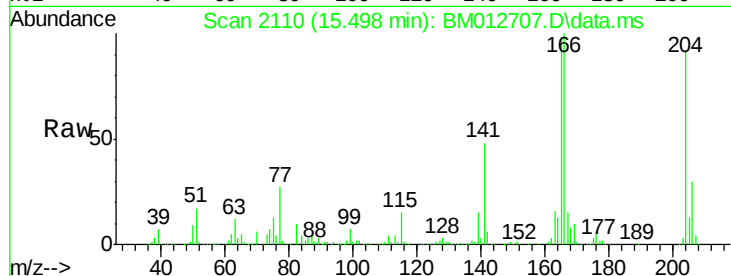
Tot Ion:204 Resp: 1179479

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.4

141 52.8 54.6 81.8#



#60

4-Nitroaniline

Concen: 182.09 ng/ul

RT: 15.545 min Scan# 2118

Delta R.T. 0.029 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

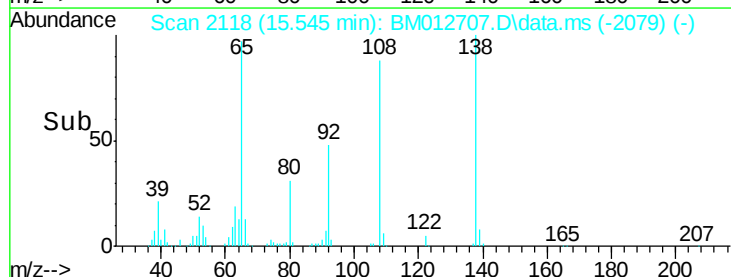
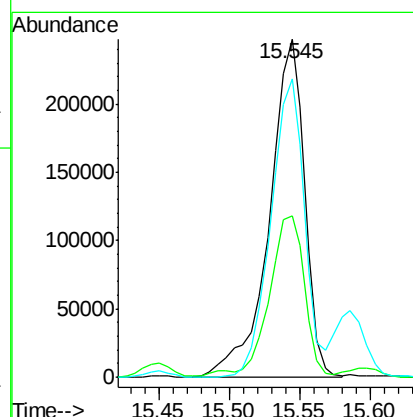
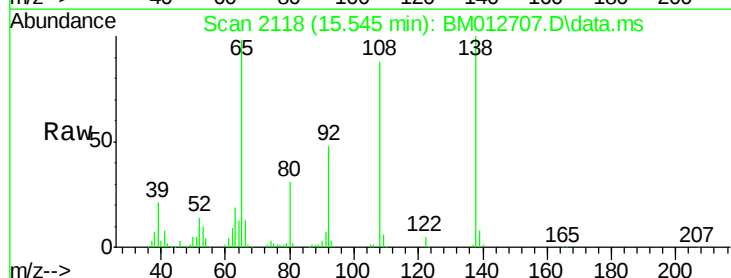
Tgt Ion:138 Resp: 433475

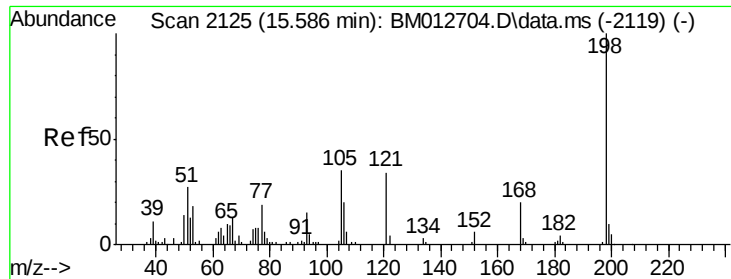
Ion Ratio Lower Upper

138 100

92 47.8 40.6 60.8

108 88.1 67.0 100.6

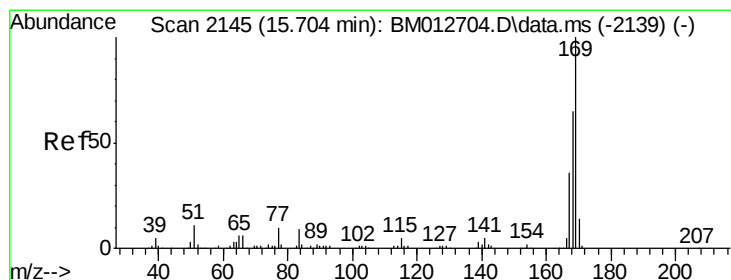
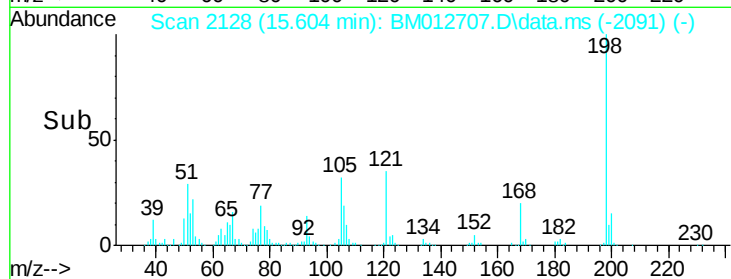
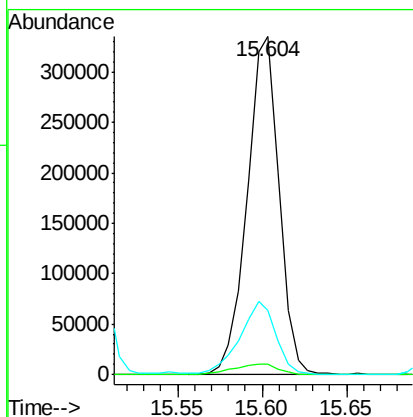
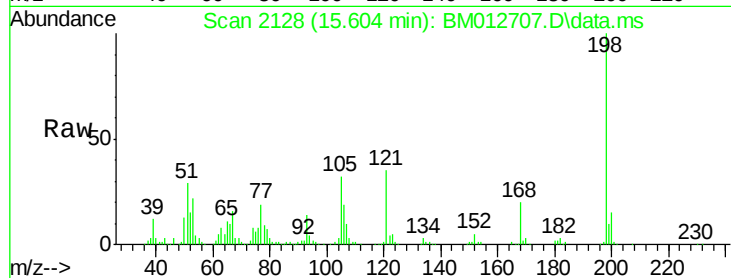




#63
 4,6-Dinitro-2-methylphenol
 Concen: 186.63 ng/ul
 RT: 15.604 min Scan# 2125
 Delta R.T. 0.017 min
 Lab File: BM012707.D
 Acq: 04 Nov 2017 14:54

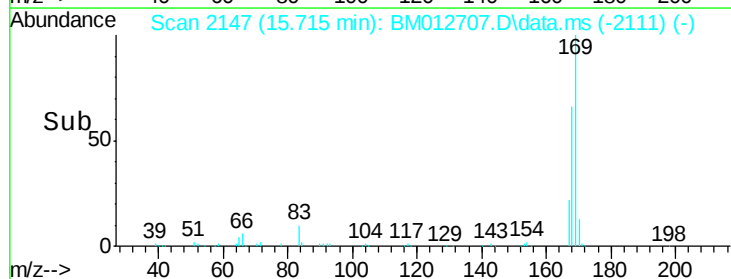
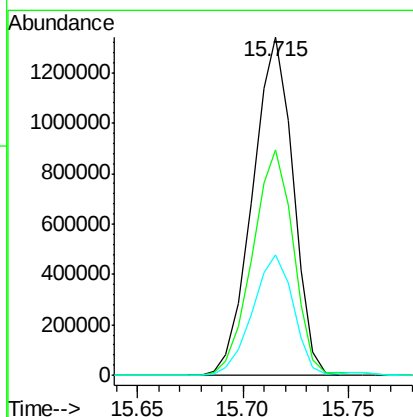
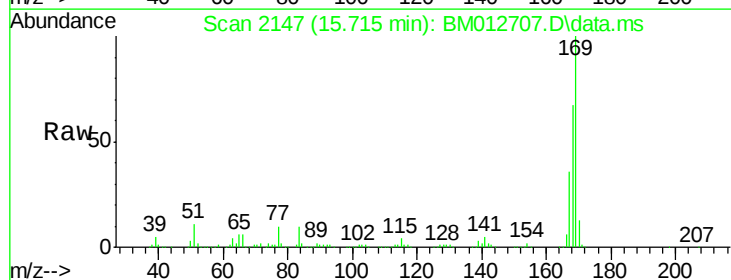
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16092

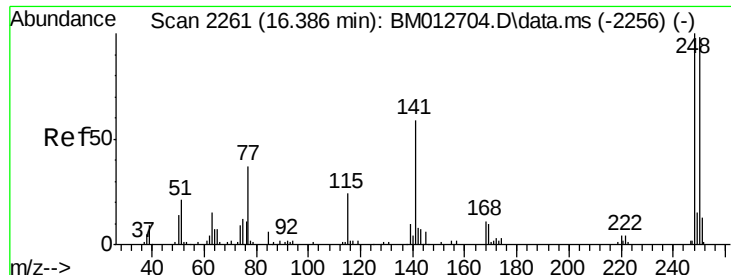
Tot Ion	Ratio	Lower	Upper
198	100		
182	3.0	3.1	4.7#
77	19.1	20.1	30.1#



#64
 N-Nitrosodiphenylamine
 Concen: 170.03 ng/ul
 RT: 15.715 min Scan# 2147
 Delta R.T. 0.012 min
 Lab File: BM012707.D
 Acq: 04 Nov 2017 14:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.8	80.8
167	35.7	29.3	43.9

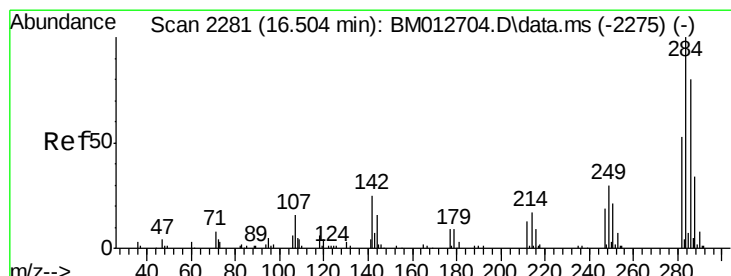
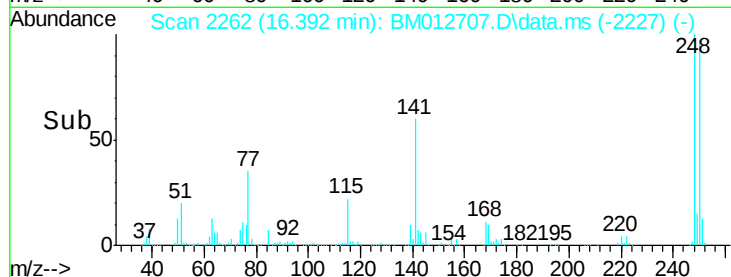
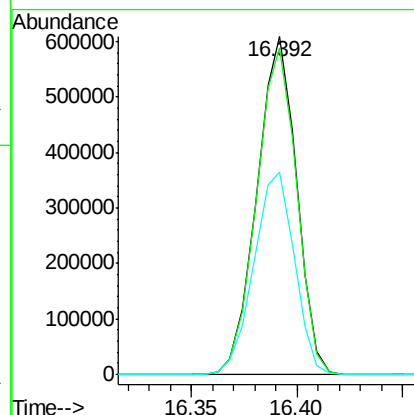
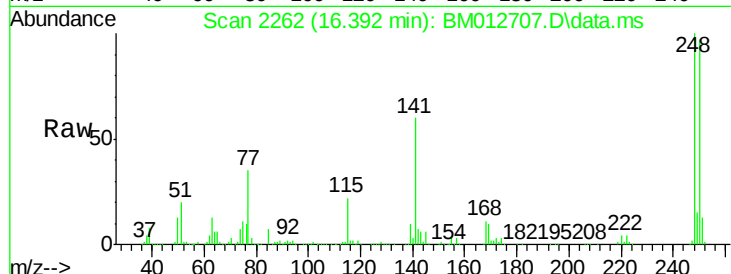




#65
4-Bromophenyl-phenylether
Concen: 202.71 ng/ul
RT: 16.392 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

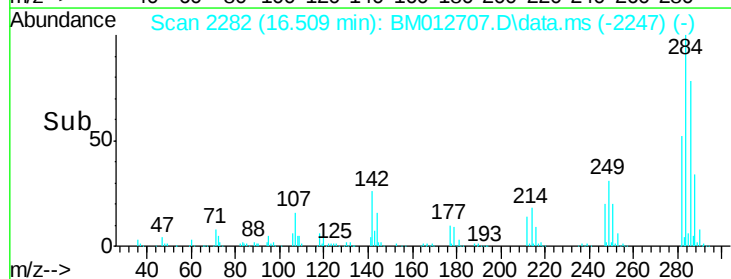
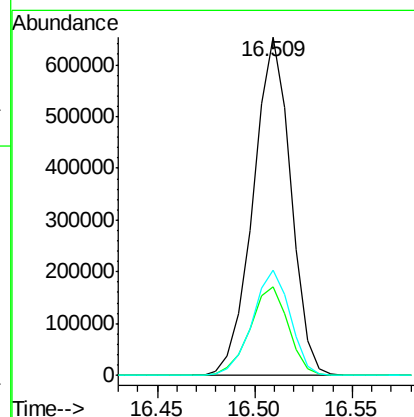
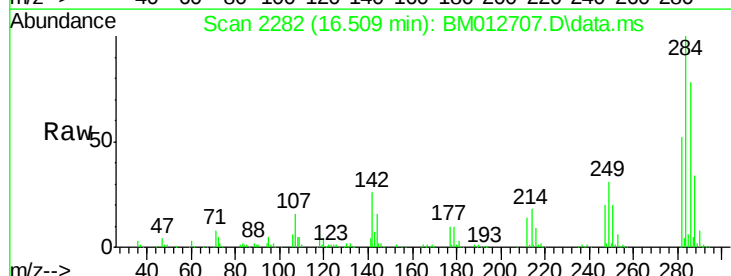
Instrument :
BNA_M
ClientSampleId :
SSTD16092

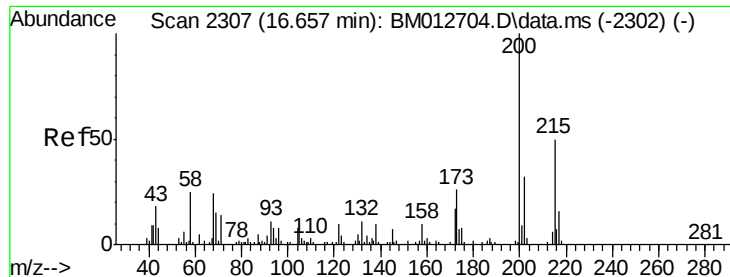
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.7	118.1
141	59.8	72.2	108.2



#66
Hexachlorobenzene
Concen: 197.35 ng/ul
RT: 16.509 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	33.1	49.7
249	31.2	27.1	40.7





#67

Atrazine

Concen: 161.40 ng/ul

RT: 16.674 min Scan# 2310

Delta R.T. 0.017 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

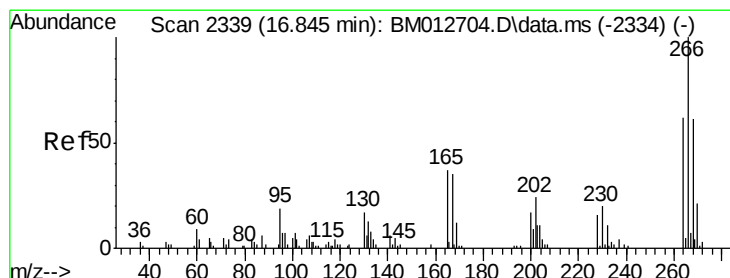
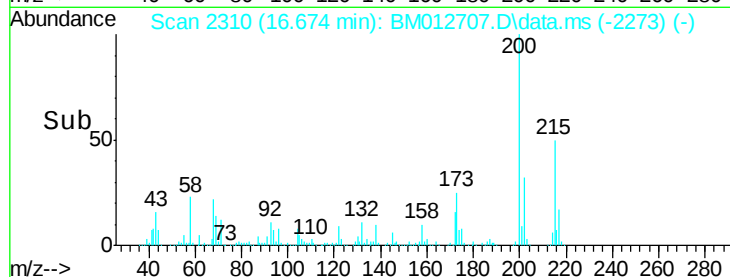
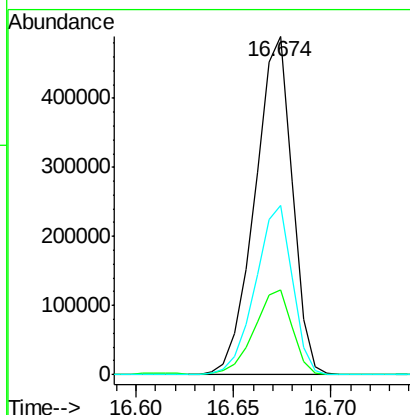
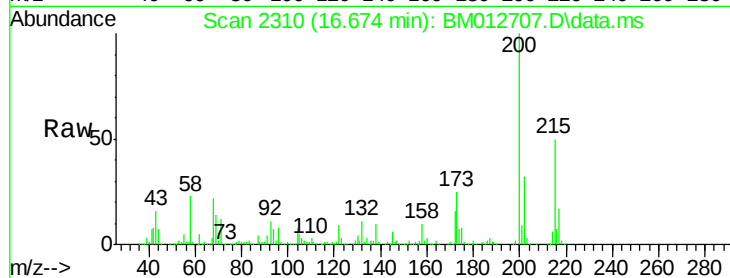
Tot Ion:200 Resp: 648588

Ion Ratio Lower Upper

200 100

173 25.2 21.6 32.4

215 50.0 37.0 55.4



#68

Pentachlorophenol

Concen: 194.28 ng/ul

RT: 16.851 min Scan# 2340

Delta R.T. 0.006 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

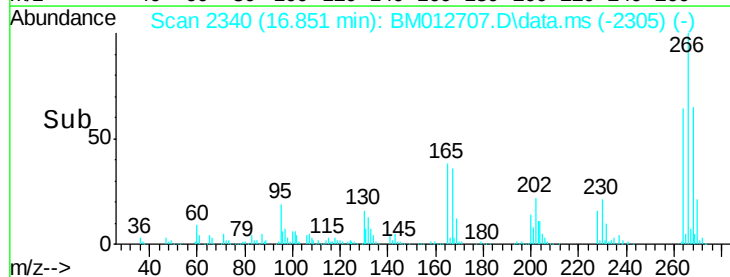
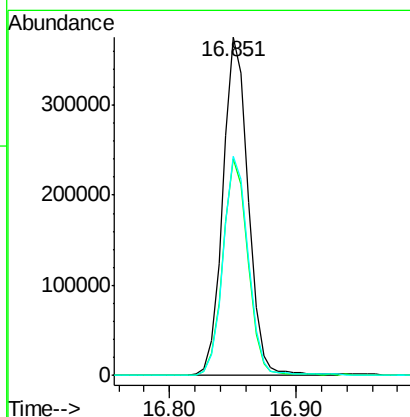
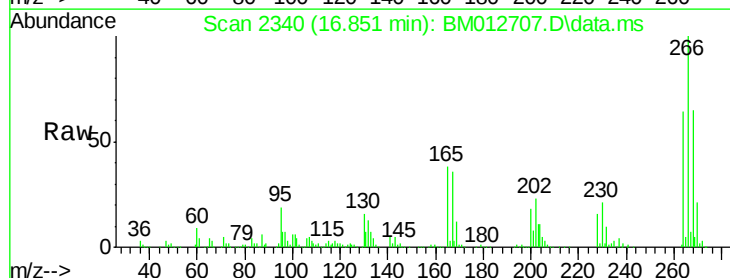
Tgt Ion:266 Resp: 518407

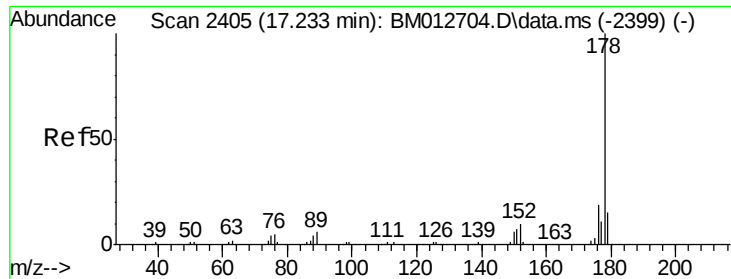
Ion Ratio Lower Upper

266 100

264 63.9 50.5 75.7

268 64.8 50.9 76.3





#69

Phenanthrene

Concen: 160.12 ng/ul

RT: 17.245 min Scan# 24

Delta R.T. 0.012 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

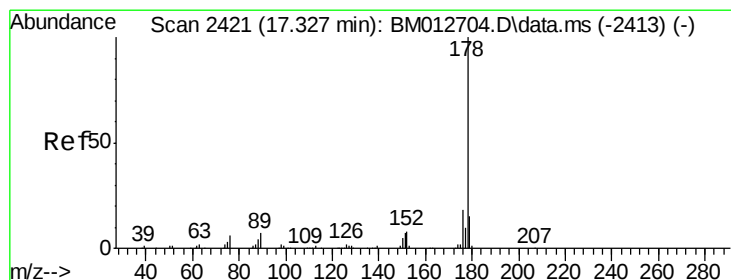
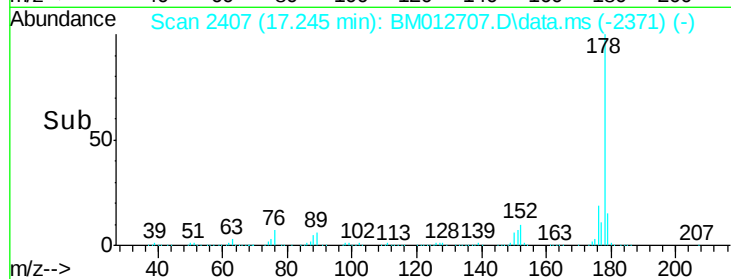
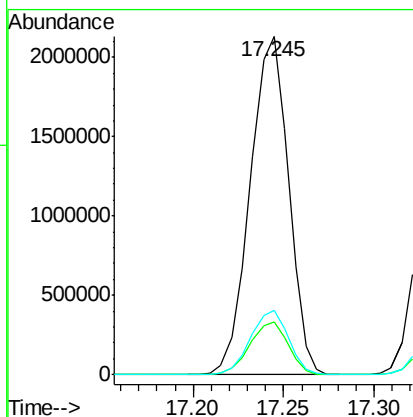
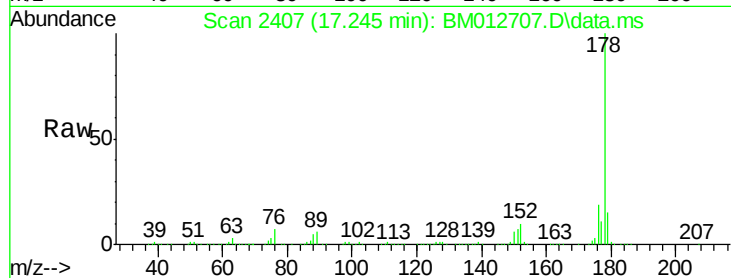
Tot Ion:178 Resp: 3147440

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.1 15.6 23.4



#71

Anthracene

Concen: 163.13 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. 0.012 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

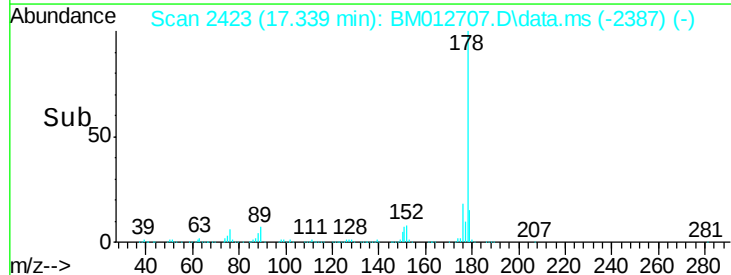
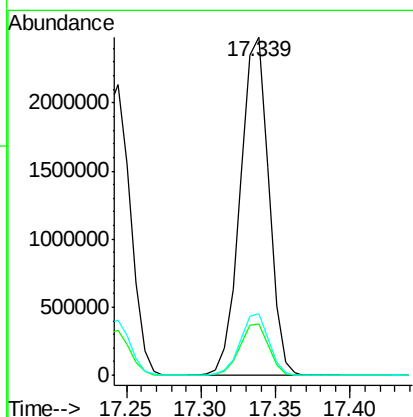
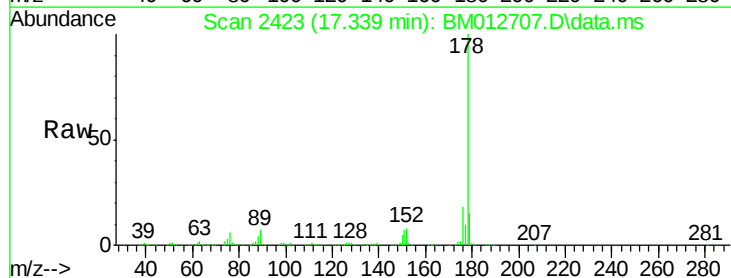
Tgt Ion:178 Resp: 3283319

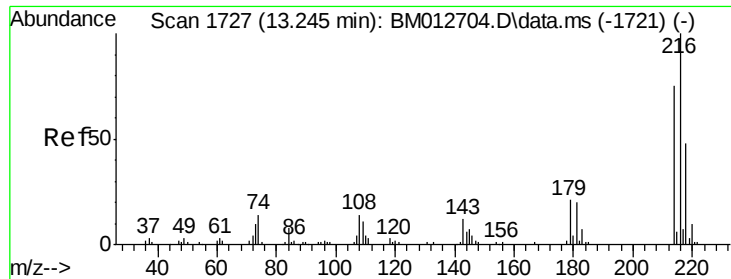
Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 18.4 14.8 22.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 202.20 ng/uL

RT: 13.251 min Scan# 17

Delta R.T. 0.006 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

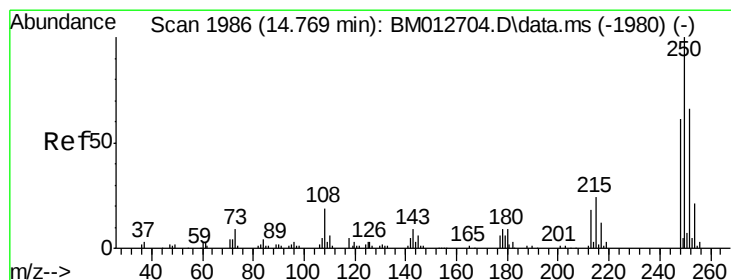
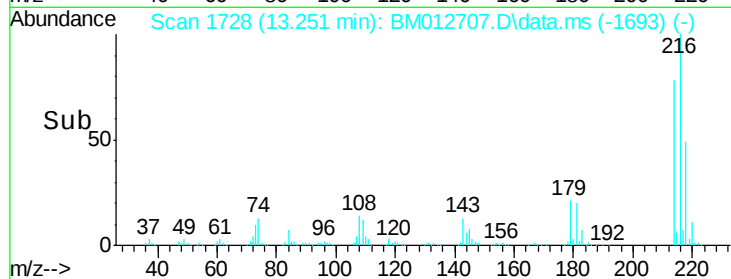
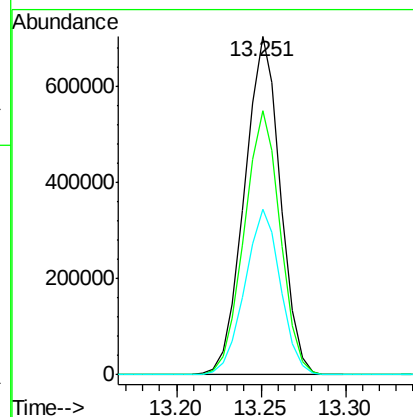
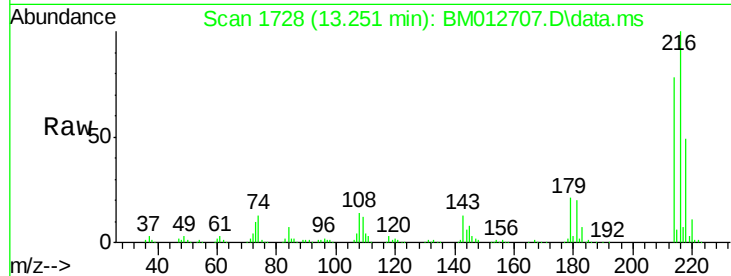
Tot Ion:216 Resp: 1038029

Ion Ratio Lower Upper

216 100

214 78.0 62.5 93.7

218 48.8 38.4 57.6



#73

Pentachlorobenzene

Concen: 200.76 ng/uL

RT: 14.774 min Scan# 1987

Delta R.T. 0.006 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

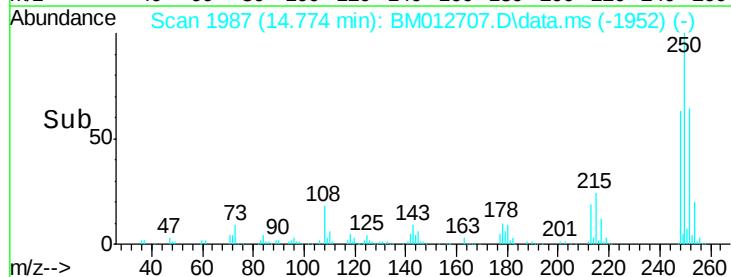
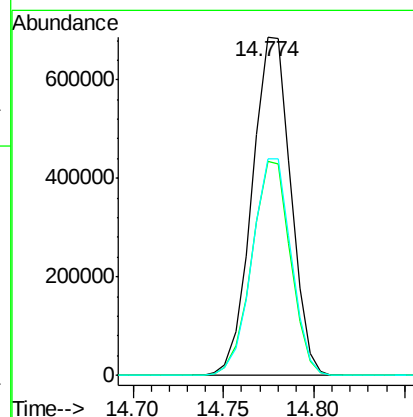
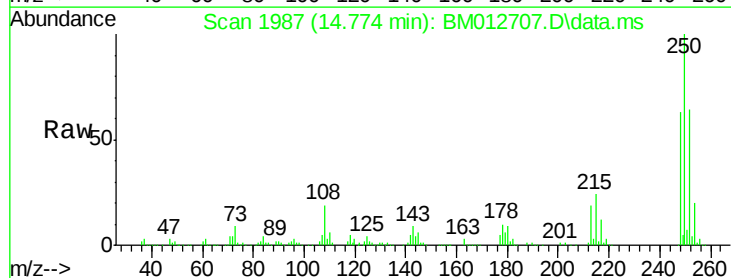
Tgt Ion:250 Resp: 1019122

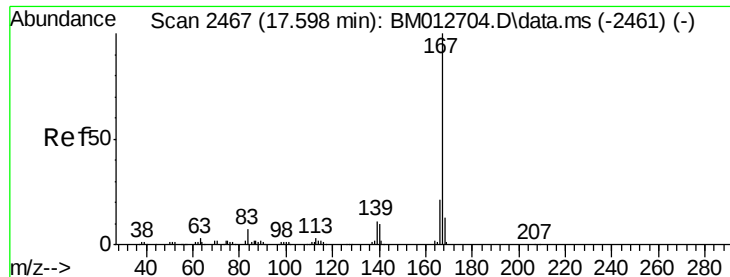
Ion Ratio Lower Upper

250 100

248 63.2 50.6 75.8

252 64.1 51.4 77.0



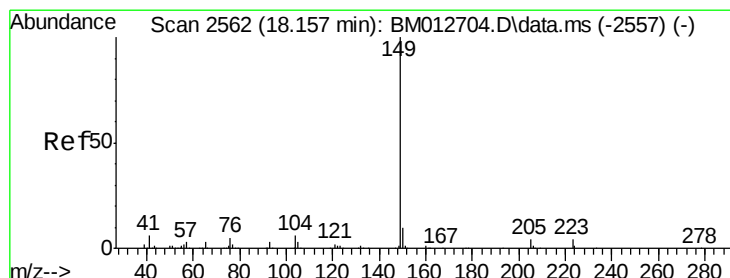
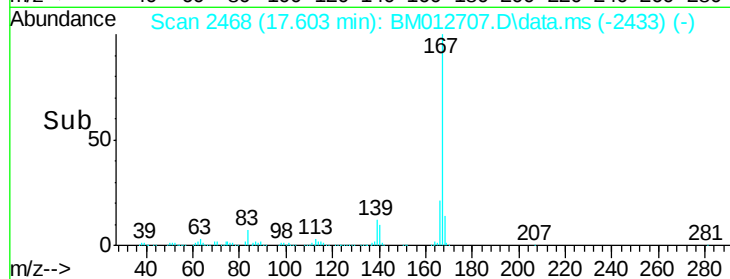
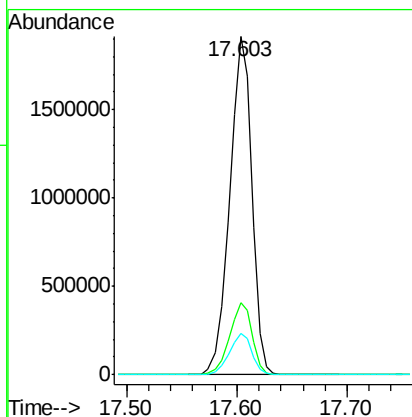
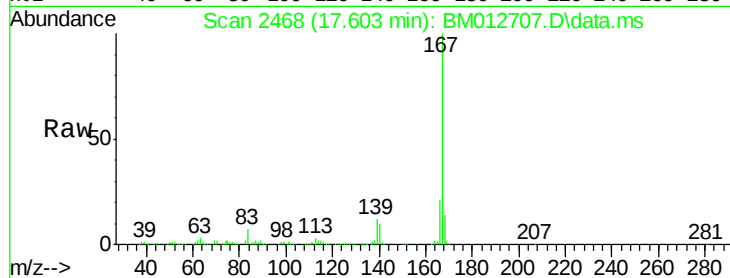


#74
 Carbazole
 Concen: 148.30 ng/ul
 RT: 17.603 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BM012707.D
 Acq: 04 Nov 2017 14:54

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16092

Tot Ion:167 Resp: 2690606

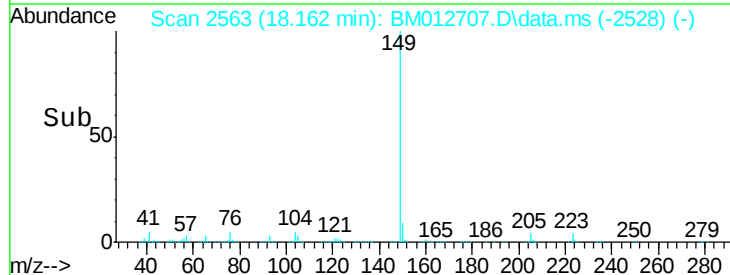
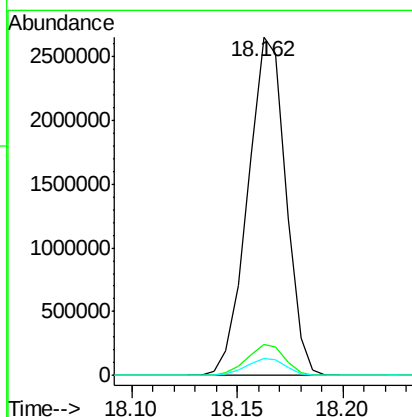
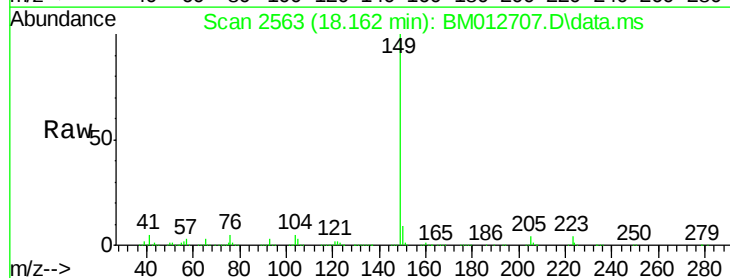
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.2	11.0	16.4

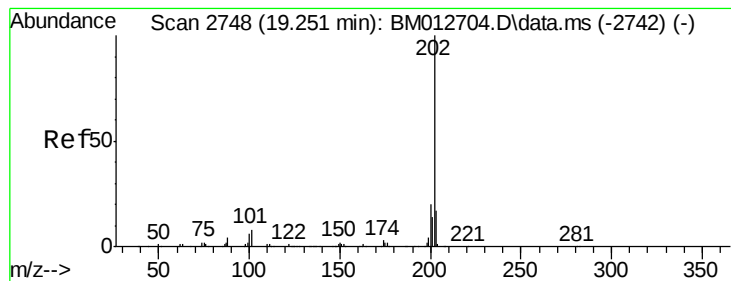


#75
 Di-n-butylphthalate
 Concen: 169.47 ng/ul
 RT: 18.162 min Scan# 2563
 Delta R.T. 0.006 min
 Lab File: BM012707.D
 Acq: 04 Nov 2017 14:54

Tgt Ion:149 Resp: 3318807

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.0	6.0





#76

Fluoranthene

Concen: 153.30 ng/ul

RT: 19.256 min Scan# 27

Delta R.T. 0.006 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

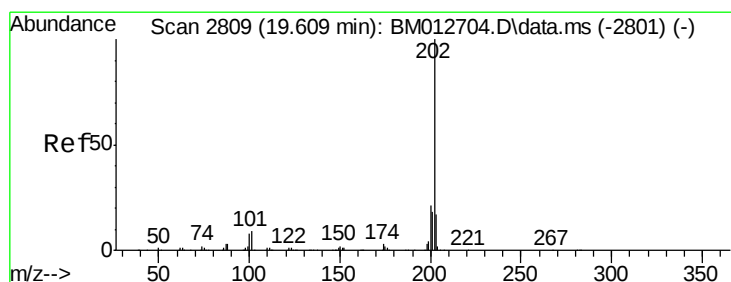
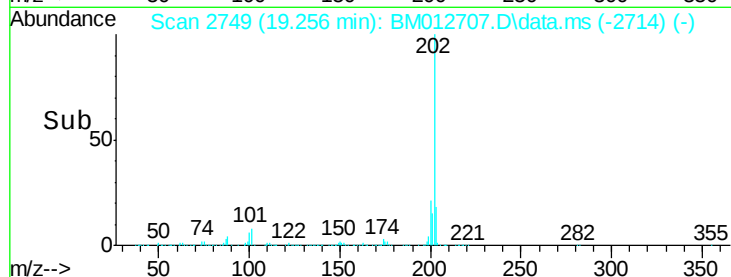
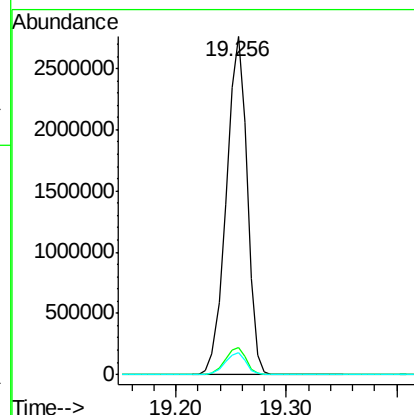
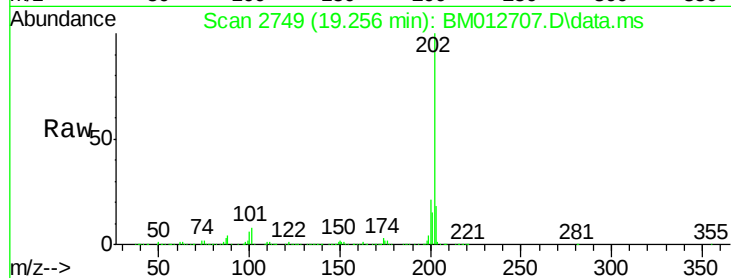
Tot Ion:202 Resp: 3642562

Ion Ratio Lower Upper

202 100

101 7.9 8.8 13.2#

100 6.4 6.6 9.8#



#79

Pyrene

Concen: 185.68 ng/ul

RT: 19.621 min Scan# 2811

Delta R.T. 0.012 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

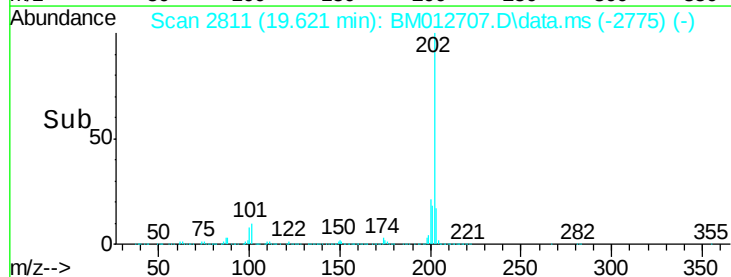
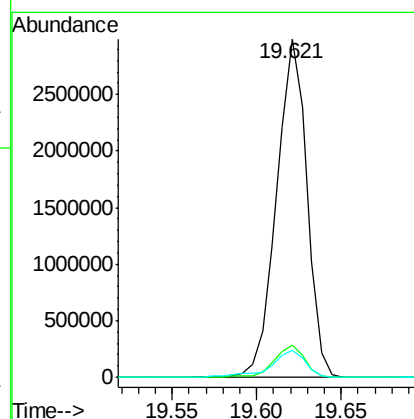
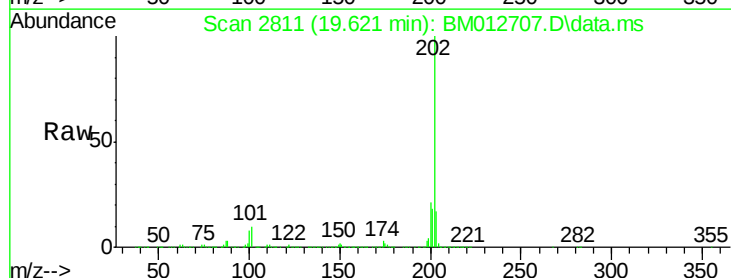
Tgt Ion:202 Resp: 3738649

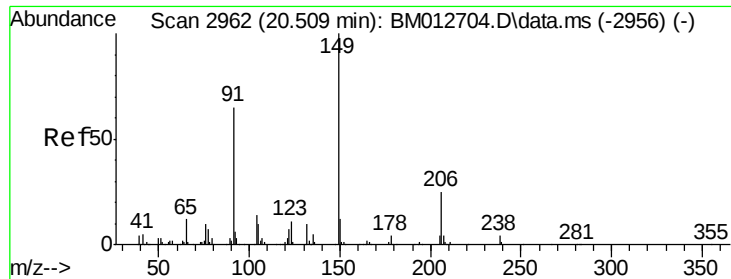
Ion Ratio Lower Upper

202 100

101 9.6 10.2 15.2#

100 8.0 8.5 12.7#

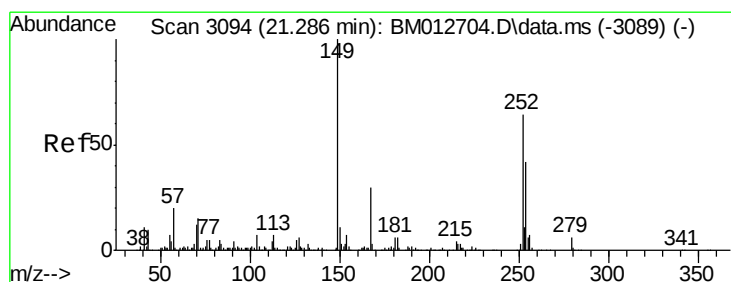
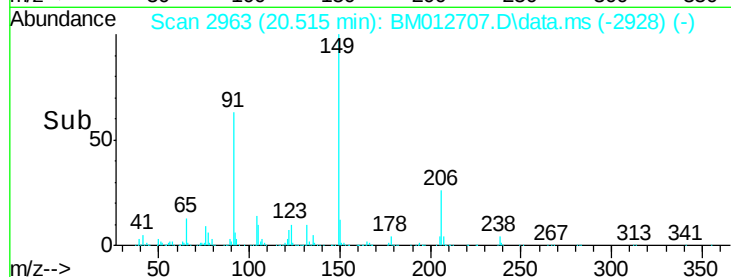
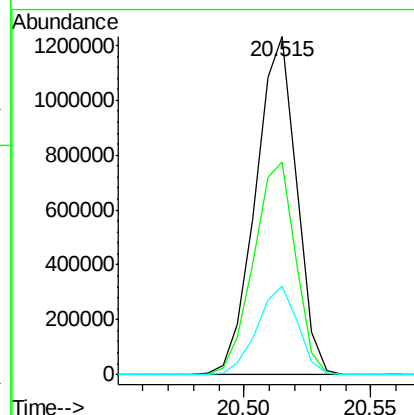
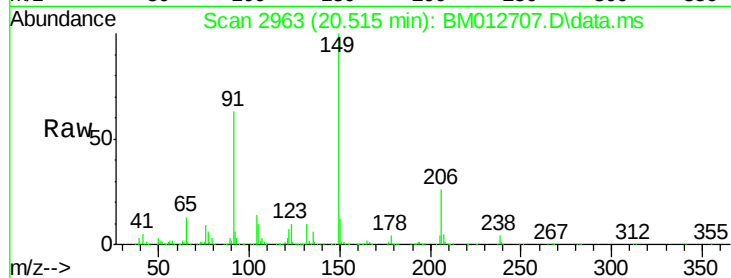




#80
Butylbenzylphthalate
Concen: 189.10 ng/ul
RT: 20.515 min Scan# 29
Delta R.T. 0.006 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

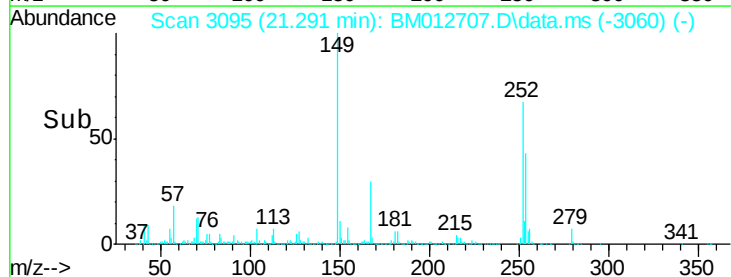
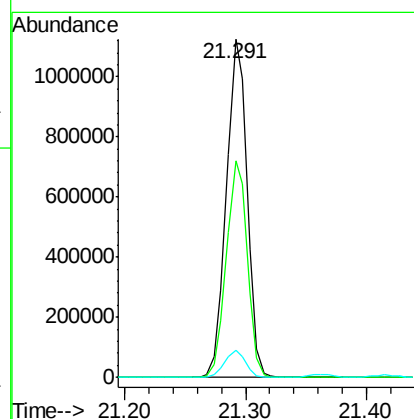
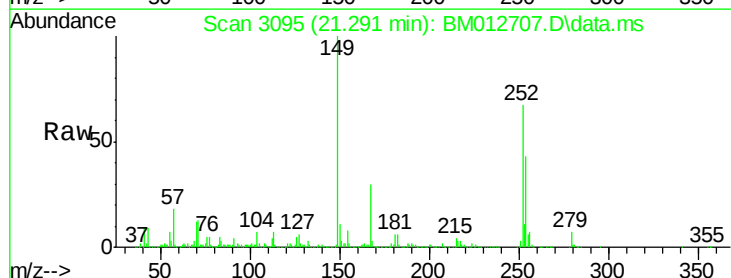
Instrument :
BNA_M
ClientSampleId :
SSTD16092

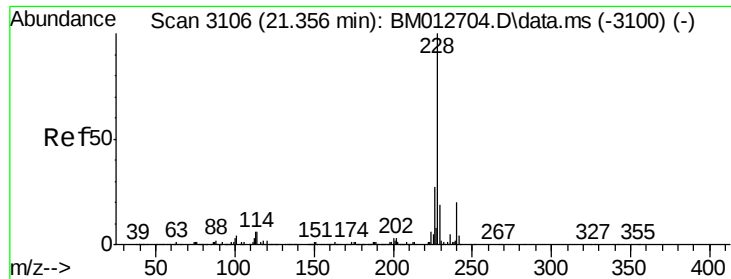
Tot Ion:149 Resp: 1389237
Ion Ratio Lower Upper
149 100
91 62.8 53.4 80.2
206 26.3 16.6 24.8#



#81
3,3'-Dichlorobenzidine
Concen: 189.30 ng/ul
RT: 21.291 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BM012707.D
Acq: 04 Nov 2017 14:54

Tgt Ion:252 Resp: 1331253
Ion Ratio Lower Upper
252 100
254 63.9 52.2 78.2
126 8.1 9.4 14.2#



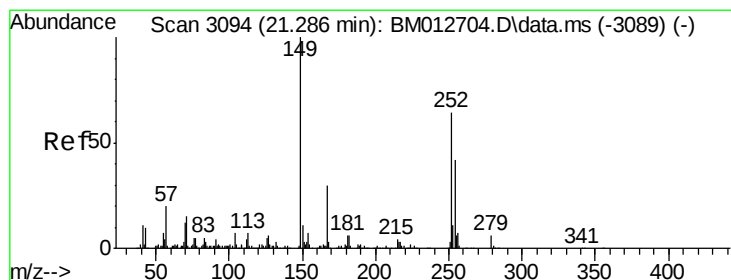
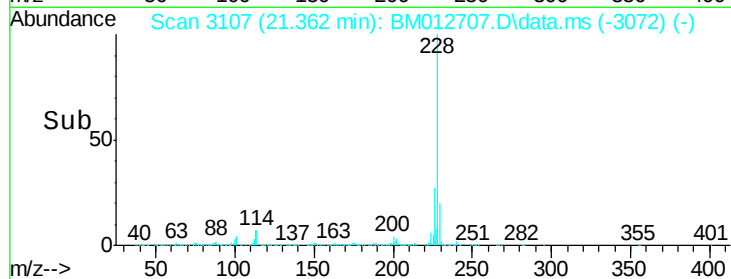
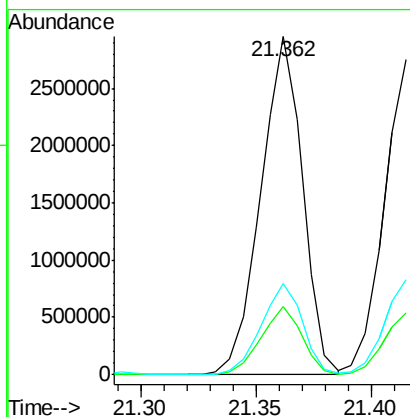
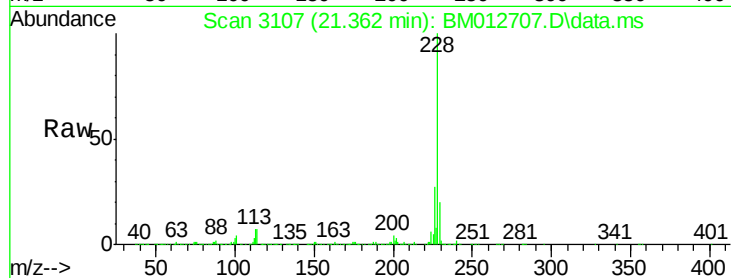


#82
 Benzo(a)anthracene
 Concen: 177.44 ng/ul
 RT: 21.362 min Scan# 3106
 Delta R.T. 0.006 min
 Lab File: BM012707.D
 Acq: 04 Nov 2017 14:54

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16092

Tot Ion:228 Resp: 3697400

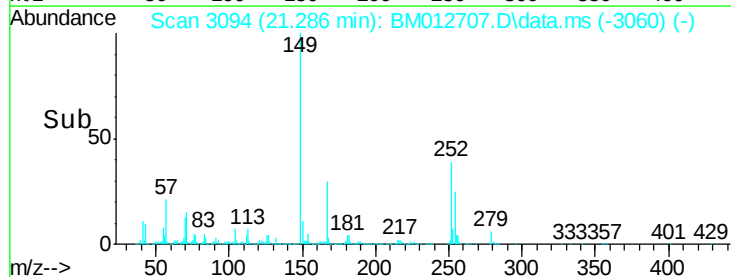
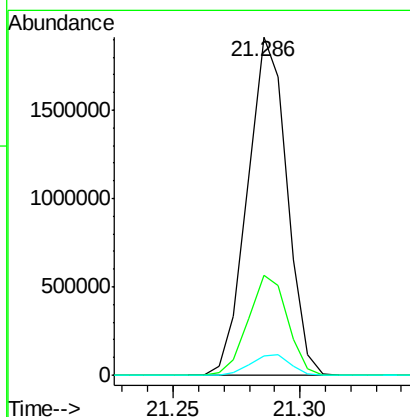
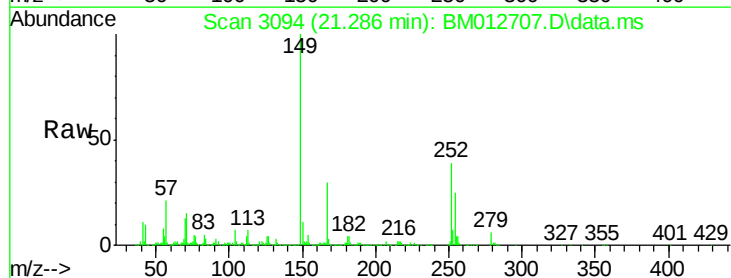
Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	27.1	21.8	32.6

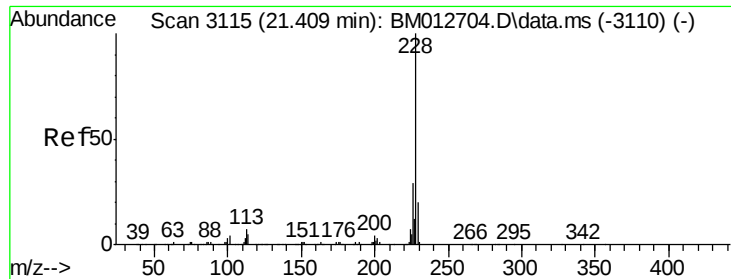


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 192.55 ng/ul
 RT: 21.286 min Scan# 3094
 Delta R.T. -0.000 min
 Lab File: BM012707.D
 Acq: 04 Nov 2017 14:54

Tgt Ion:149 Resp: 2075649

Ion	Ratio	Lower	Upper
149	100		
167	29.6	21.6	32.4
279	5.7	3.0	4.4#





#84

Chrysene

Concen: 168.18 ng/ul

RT: 21.415 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

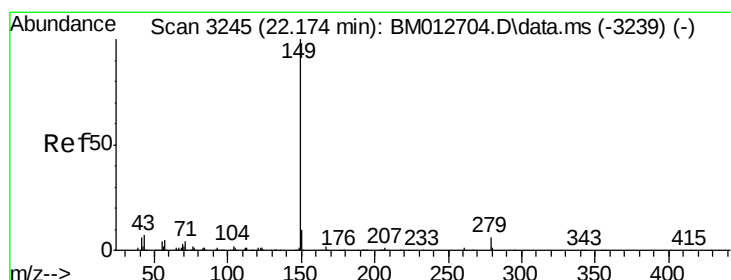
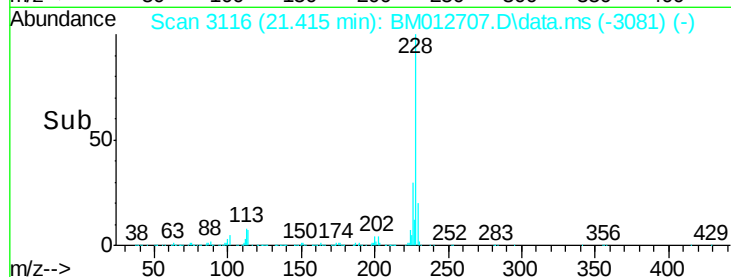
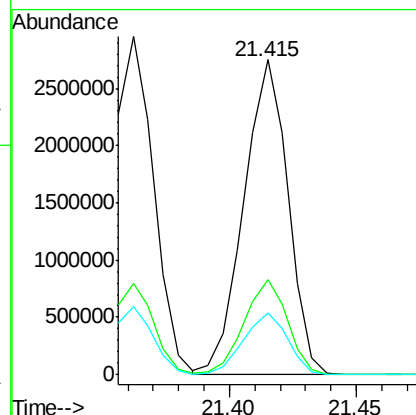
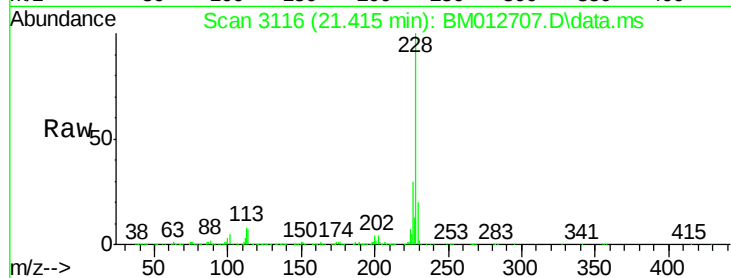
BNA_M

ClientSampleId :

SSTD16092

Tot Ion:228 Resp: 3321400

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.7	15.6	23.4



#86

Di-n-octyl phthalate

Concen: 148.24 ng/ul

RT: 22.180 min Scan# 3246

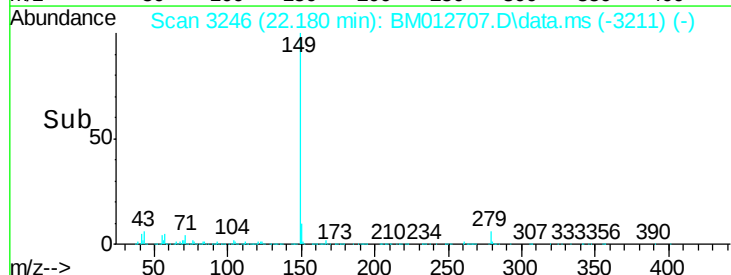
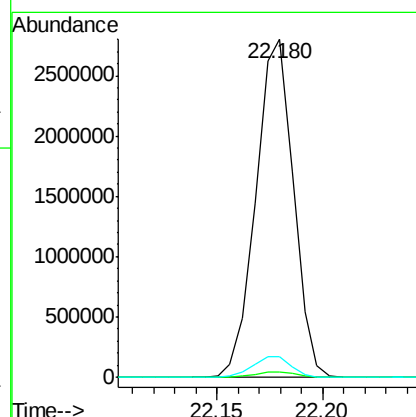
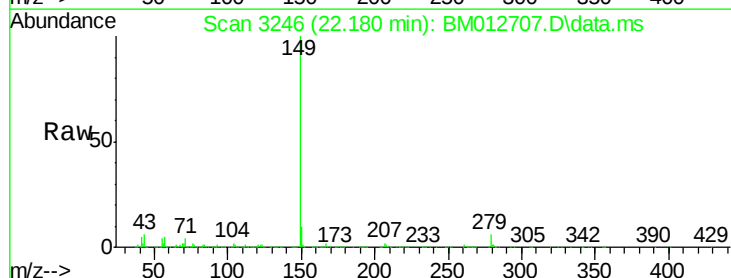
Delta R.T. 0.006 min

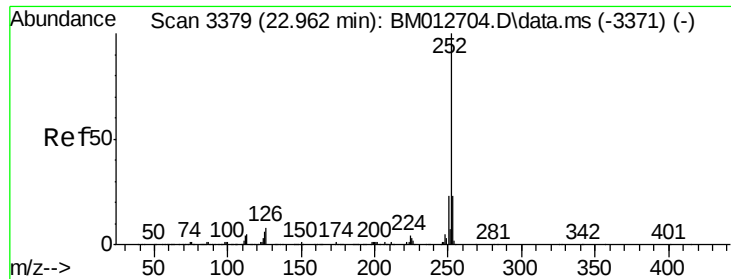
Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Tgt Ion:149 Resp: 3465566

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	6.0	5.6	8.4





#87

Benzo(b)fluoranthene

Concen: 164.95 ng/ul

RT: 22.980 min Scan# 3379

Delta R.T. 0.017 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD16092

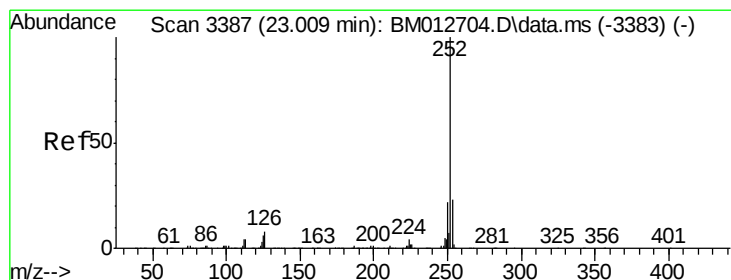
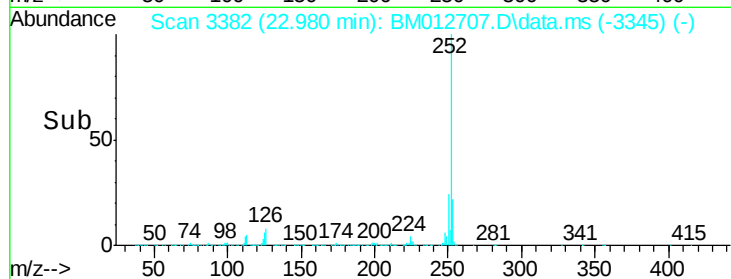
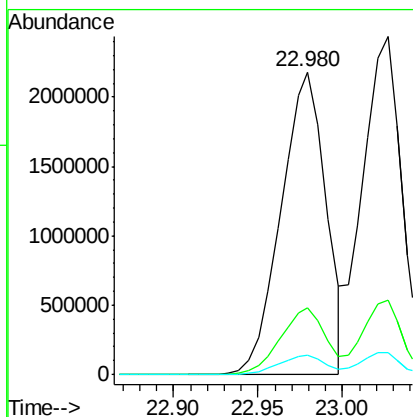
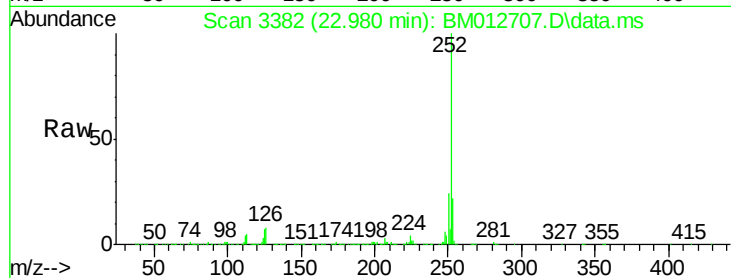
Tot Ion:252 Resp: 4012700

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 6.5 8.5 12.7#



#88

Benzo(k)fluoranthene

Concen: 169.37 ng/ul

RT: 23.027 min Scan# 3390

Delta R.T. 0.017 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

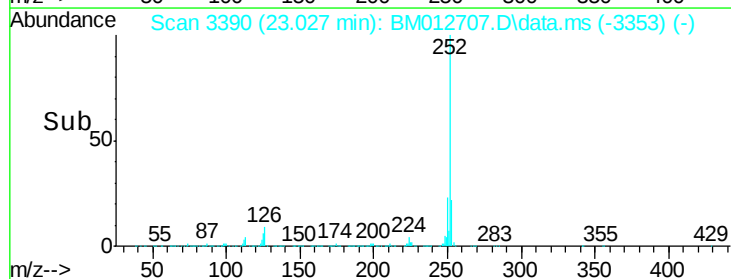
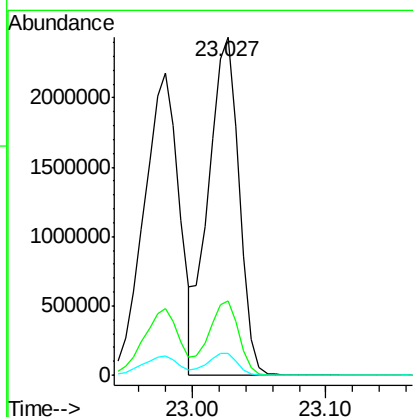
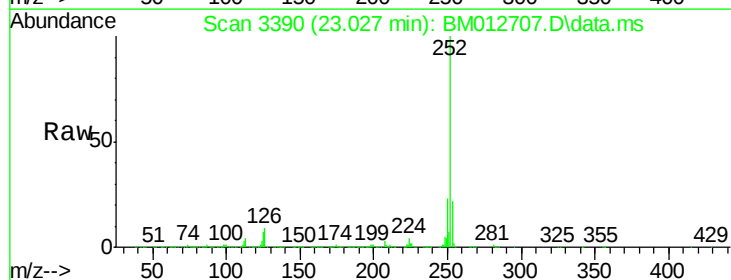
Tgt Ion:252 Resp: 3925335

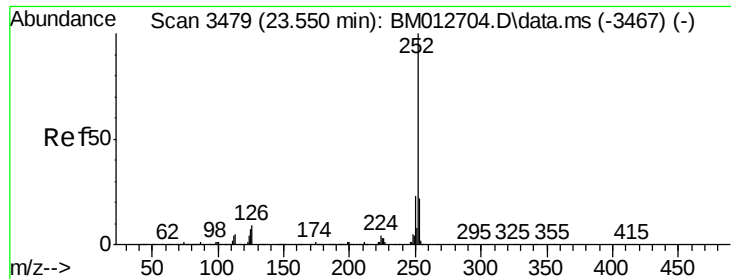
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 6.5 8.2 12.2#





#90

Benzo(a)pyrene

Concen: 170.01 ng/ul

RT: 23.574 min Scan# 34

Delta R.T. 0.023 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

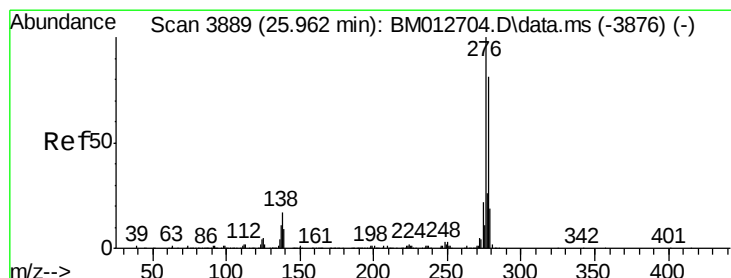
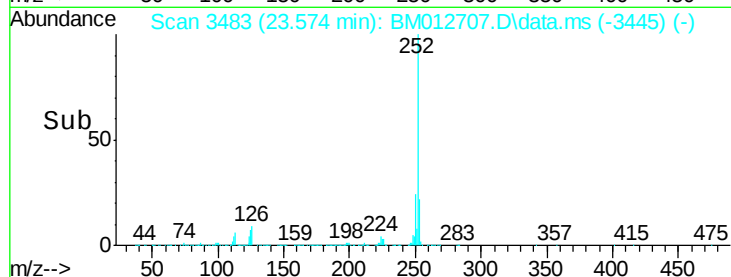
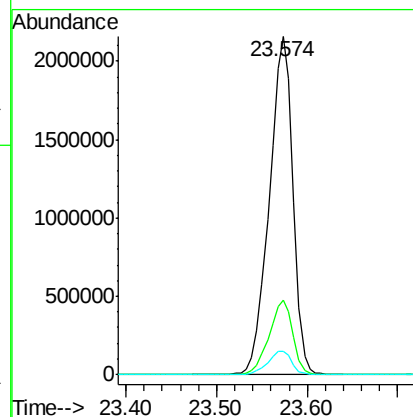
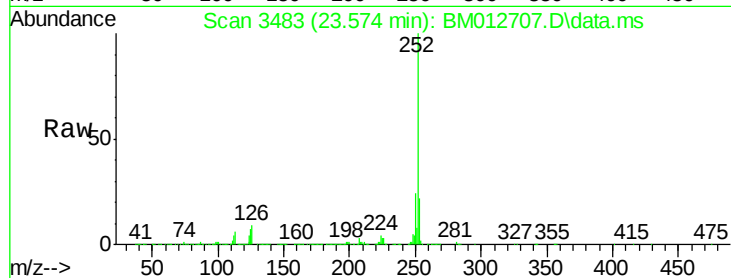
BNA_M

ClientSampleId :

SSTD16092

Tot Ion:252 Resp: 3943375

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	7.0	9.0	13.6



#91

Indeno(1,2,3-cd)pyrene

Concen: 190.24 ng/ul

RT: 26.009 min Scan# 3897

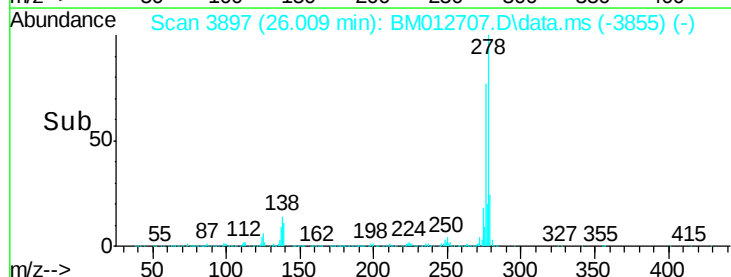
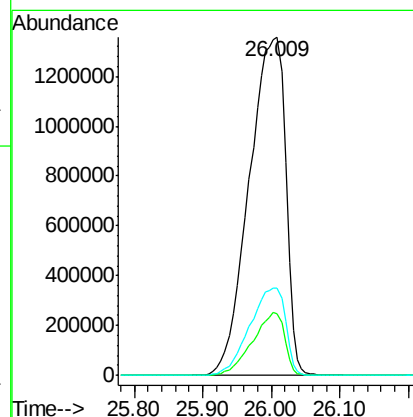
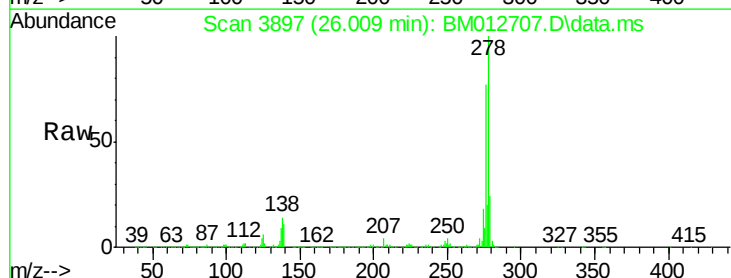
Delta R.T. 0.047 min

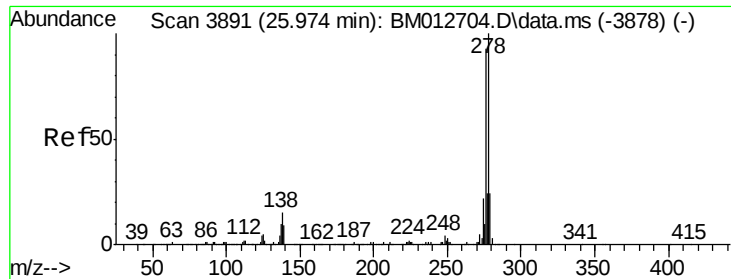
Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Tgt Ion:276 Resp: 5024294

Ion	Ratio	Lower	Upper
276	100		
138	18.3	22.3	33.5
277	25.6	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 187.37 ng/ul

RT: 26.009 min Scan# 38

Delta R.T. 0.035 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Instrument :

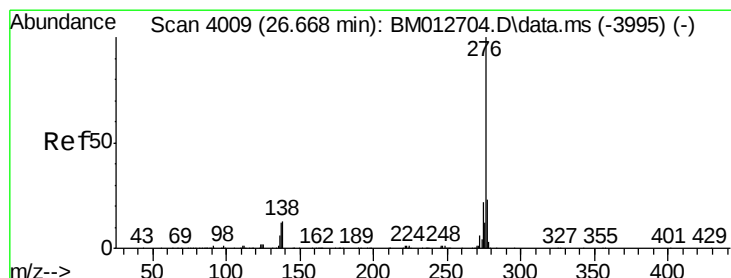
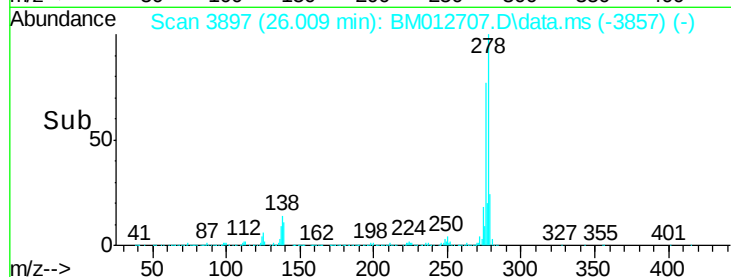
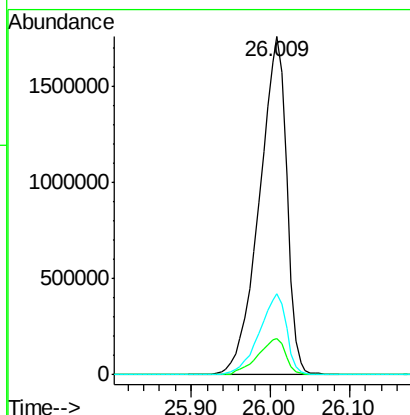
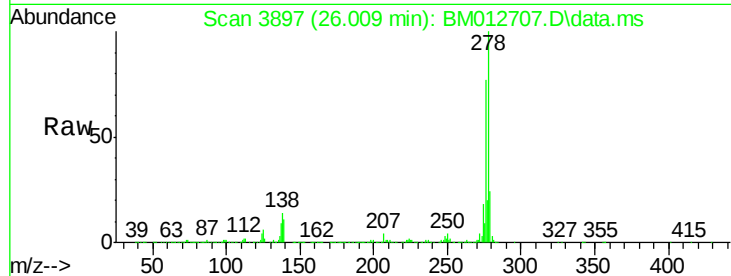
BNA_M

ClientSampleId :

SSTD16092

Tot Ion:278 Resp: 4239471

Ion	Ratio	Lower	Upper
278	100		
139	10.7	13.9	20.9#
279	23.8	19.0	28.4



#93

Benzo(g,h,i)perylene

Concen: 188.21 ng/ul

RT: 26.709 min Scan# 4016

Delta R.T. 0.041 min

Lab File: BM012707.D

Acq: 04 Nov 2017 14:54

Tgt Ion:276 Resp: 4141137

Ion	Ratio	Lower	Upper
276	100		
138	13.4	18.9	28.3#
277	23.3	19.2	28.8

