

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM110417\
 Data File : BM012706.D
 Acq On : 04 Nov 2017 14:18
 Operator : SJ/JU
 Sample : SSTD08091
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08091

Quant Time: Nov 04 14:48:29 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	7.810	152	89822	20.00	ng/ul	0.00
18) Naphthalene-d8	10.604	136	354580	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.451	164	214544	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.198	188	462431	20.00	ng/ul	0.00
77) Chrysene-d12	21.374	240	480403	20.00	ng/ul	0.00
85) Perylene-d12	23.656	264	484949	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.299	96	52082	22.10	ng/uL	0.00
5) Phenol-d5	6.992	99	557114	68.61	ng/ul	0.01
7) Bis-(2-Chloroethyl)eth...	7.151	67	291735	50.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.351	132	467015	85.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.534	113	479149	79.02	ng/ul	0.01
19) Nitrobenzene-d5	8.975	128	225106	86.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.692	143	264938	93.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.233	165	526199	94.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.745	131	462524	72.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.863	166	1408625	93.36	ng/ul	0.00
46) Acenaphthylene-d8	14.145	160	1814854	95.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.668	143	231966	83.39	ng/ul	0.01
57) Fluorene-d10	15.445	176	1205319	87.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.580	200	270635	92.60	ng/ul	0.01
70) Anthracene-d10	17.298	188	1815678	82.33	ng/ul	0.00
78) Pyrene-d10	19.586	212	1895745	93.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.515	264	1900835	85.11	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.334	88	54426	20.67	ng/uL	98
4) Benzaldehyde	6.957	77	216751	38.10	ng/ul	98
6) Phenol	7.022	94	568221	65.39	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.245	93	418697	61.85	ng/ul	99
10) 2-Chlorophenol	7.387	128	479835	82.46	ng/ul	100
11) 2-Methylphenol	8.257	108	433646	72.13	ng/ul	99
12) 2,2'-oxybis(1-Chloropr...	8.351	45	346523	31.55	ng/ul#	92
14) Acetophenone	8.639	105	709226	68.59	ng/ul	96
15) N-Nitroso-di-n-propyla...	8.639	70	349364	58.55	ng/ul	96
16) 4-Methylphenol	8.598	108	471645	72.23	ng/ul	98
17) Hexachloroethane	8.892	117	191718	68.28	ng/ul#	70
20) Nitrobenzene	9.016	77	505527	57.53	ng/ul	98
21) Isophorone	9.551	82	930499	63.68	ng/ul	97
23) 2-Nitrophenol	9.728	139	283201	94.73	ng/ul	100
24) 2,4-Dimethylphenol	9.786	107	547372	74.14	ng/ul	97
25) Bis(2-Chloroethoxy)met...	10.022	93	567787	67.05	ng/ul	99
27) 2,4-Dichlorophenol	10.257	162	502971	90.19	ng/ul	99
28) Naphthalene	10.657	128	1445096	80.52	ng/ul	100
30) 4-Chloroaniline	10.769	127	466516	69.11	ng/ul	98
31) Hexachlorobutadiene	10.939	225	387722	88.76	ng/ul	98
32) Caprolactam	11.575	113	79750	46.41	ng/ul	92
33) 4-Chloro-3-methylphenol	11.904	107	491194	78.44	ng/ul	96
34) 2-Methylnaphthalene	12.269	142	1110196	85.80	ng/ul	99

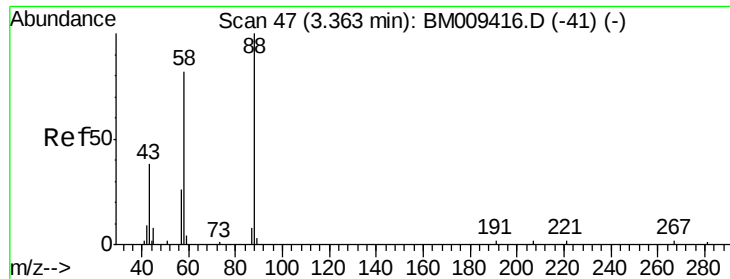
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM110417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachloroben...	12.639	216	685433	95.09	ng/ul#	98
37) Hexachlorocyclopentadiene	12.616	237	400820	88.64	ng/ul	97
38) 2,4,6-Trichlorophenol	12.880	196	448467	106.25	ng/ul	100
39) 2,4,5-Trichlorophenol	12.957	196	459237	100.85	ng/ul	100
40) 1,1'-Biphenyl	13.286	154	1450199	91.48	ng/ul	98
41) 2-Chloronaphthalene	13.327	162	1143697	92.74	ng/ul	94
42) 2-Nitroaniline	13.533	65	284787	62.65	ng/ul	94
44) Dimethylphthalate	13.916	163	1398105	92.88	ng/ul	99
45) 2,6-Dinitrotoluene	14.033	165	304751	104.76	ng/ul	98
47) Acenaphthylene	14.174	152	1737420	92.15	ng/ul	100
48) 3-Nitroaniline	14.363	138	236255	78.76	ng/ul	98
49) Acenaphthene	14.515	153	1170460	88.39	ng/ul	97
50) 2,4-Dinitrophenol	14.574	184	198851	99.49	ng/ul	93
52) 4-Nitrophenol	14.686	109	201233	61.72	ng/ul	96
53) Dibenzofuran	14.851	168	1680317	87.56	ng/ul	94
54) 2,4-Dinitrotoluene	14.827	165	426581	98.10	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.080	232	420357	102.43	ng/ul#	86
56) Diethylphthalate	15.280	149	1337191	86.61	ng/ul	97
58) Fluorene	15.504	166	1388912	88.74	ng/ul	100
59) 4-Chlorophenyl-phenyle...	15.498	204	768746	92.11	ng/ul#	86
60) 4-Nitroaniline	15.533	138	273101	85.72	ng/ul	97
63) 4,6-Dinitro-2-methylph...	15.592	198	281565	89.58	ng/ul	95
64) N-Nitrosodiphenylamine	15.710	169	1177058	84.36	ng/ul	99
65) 4-Bromophenyl-phenylether	16.386	248	509866	98.42	ng/ul#	86
66) Hexachlorobenzene	16.509	284	562996	96.46	ng/ul#	83
67) Atrazine	16.668	200	450157	84.59	ng/ul	96
68) Pentachlorophenol	16.851	266	333135	94.27	ng/ul	100
69) Phenanthrene	17.239	178	2072440	79.61	ng/ul	99
71) Anthracene	17.333	178	2149926	80.66	ng/ul	99
72) 1,2,3,4-Tetrachloroben...	13.251	216	671700	98.80	ng/uL	99
73) Pentachlorobenzene	14.774	250	663570	98.71	ng/uL	99
74) Carbazole	17.604	167	1758239	73.18	ng/ul	98
75) Di-n-butylphthalate	18.162	149	2126612	82.00	ng/ul	100
76) Fluoranthene	19.250	202	2380778	75.66	ng/ul#	94
79) Pvrene	19.615	202	2427160	91.97	ng/ul#	93
80) Butylbenzylphthalate	20.509	149	905734	94.05	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.292	252	856334	92.90	ng/ul#	97
82) Benzo(a)anthracene	21.362	228	2384034	87.28	ng/ul	99
83) Bis(2-ethylhexyl)phtha...	21.286	149	1326795	93.90	ng/ul#	96
84) Chrysene	21.415	228	2148760	83.01	ng/ul	99
86) Di-n-octyl phthalate	22.180	149	2194242	77.96	ng/ul	97
87) Benzo(b)fluoranthene	22.974	252	2487757	84.94	ng/ul#	96
88) Benzo(k)fluoranthene	23.021	252	2281432	81.77	ng/ul#	96
90) Benzo(a)pyrene	23.568	252	2313505	82.85	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.985	276	2862932	90.04	ng/ul#	90
92) Dibenzo(a,h)anthracene	25.991	278	2413292	88.59	ng/ul#	93
93) Benzo(g,h,i)perylene	26.697	276	2347323	88.62	ng/ul#	89

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



#2

1,4-Dioxane

Concen: 20.67 ng/uL

RT: 3.334 min Scan# 42

Delta R.T. -0.000 min

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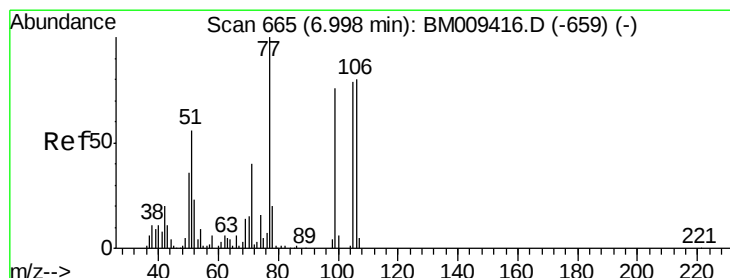
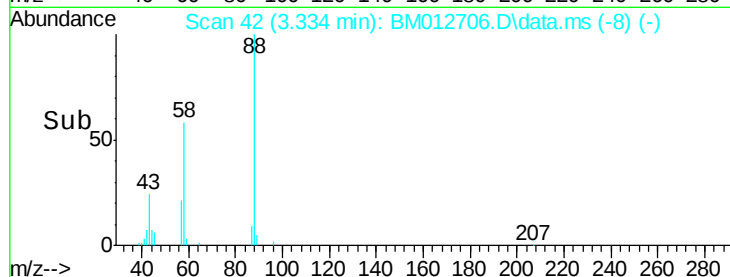
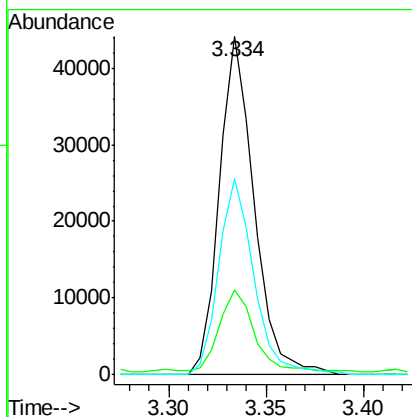
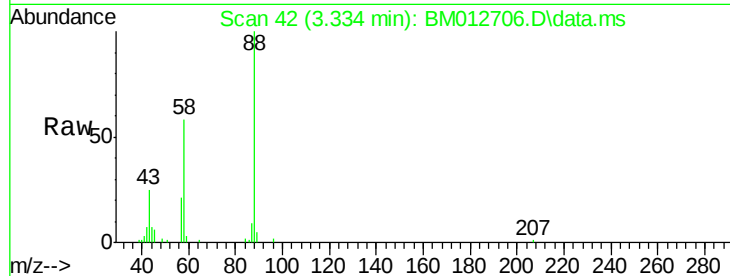
Tot Ion: 88 Resp: 54426

Ion Ratio Lower Upper

88 100

43 24.5 21.0 31.6

58 58.7 47.8 71.8



#4

Benzaldehyde

Concen: 38.10 ng/uL

RT: 6.957 min Scan# 658

Delta R.T. -0.000 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

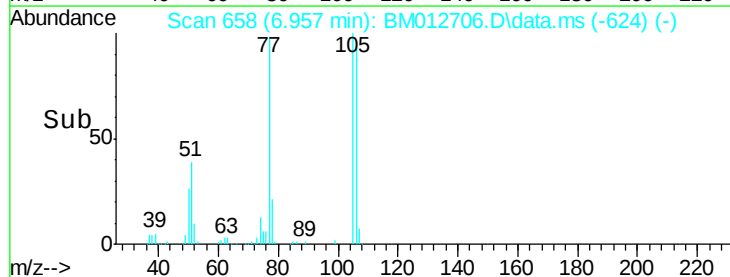
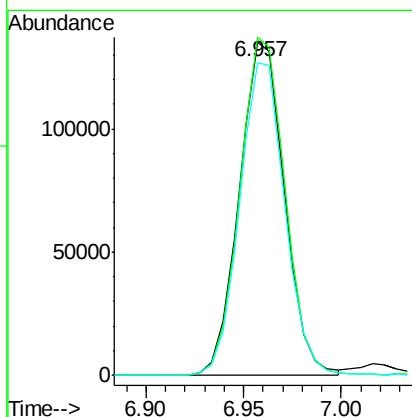
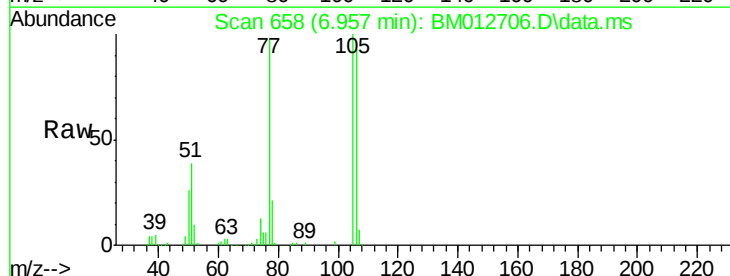
Tgt Ion: 77 Resp: 216751

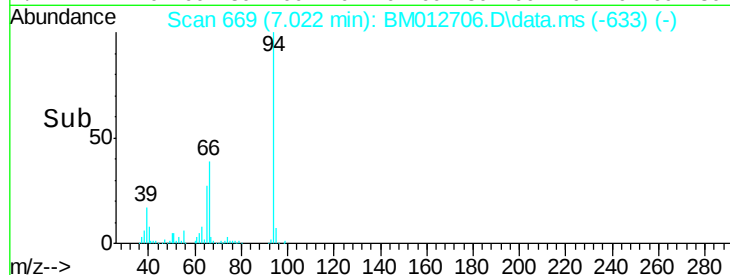
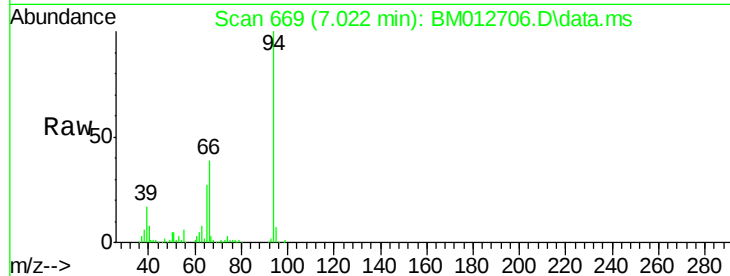
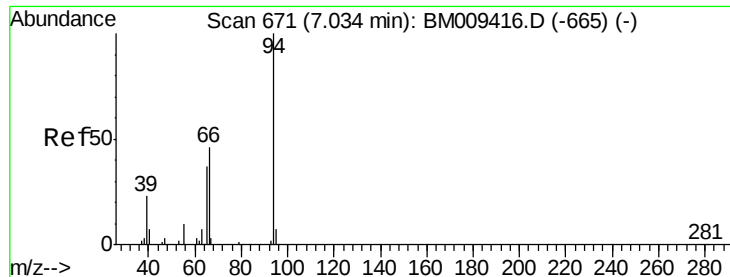
Ion Ratio Lower Upper

77 100

105 101.6 80.6 120.8

106 94.0 77.7 116.5





#6

Phenol

Concen: 65.39 ng/ul

RT: 7.022 min Scan# 66

Delta R.T. 0.012 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

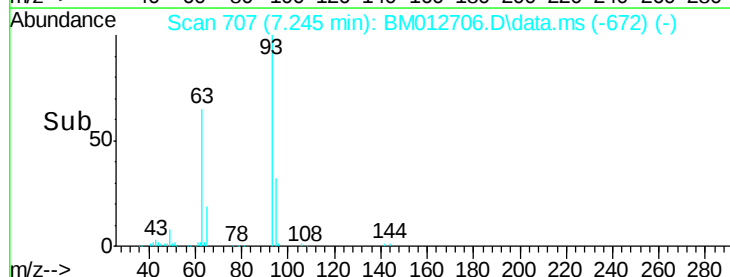
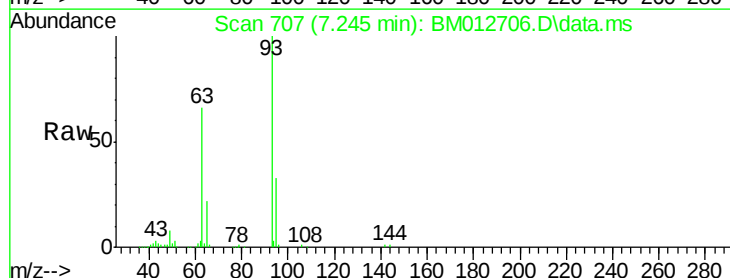
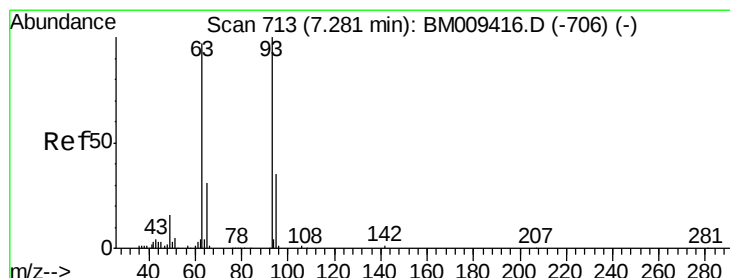
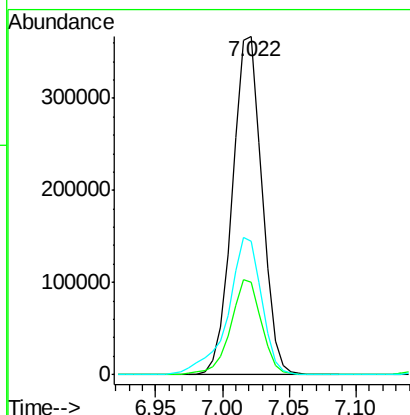
Tot Ion: 94 Resp: 568221

Ion Ratio Lower Upper

94 100

65 27.3 21.0 31.6

66 39.4 29.3 43.9



#8

Bis(2-Chloroethyl)ether

Concen: 61.85 ng/ul

RT: 7.245 min Scan# 707

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

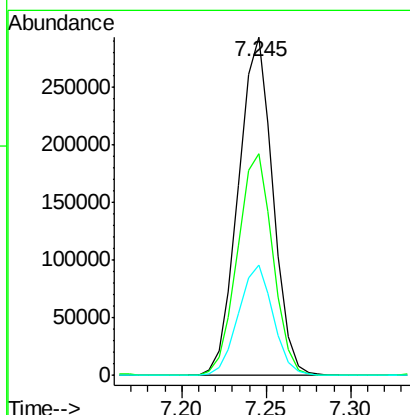
Tgt Ion: 93 Resp: 418697

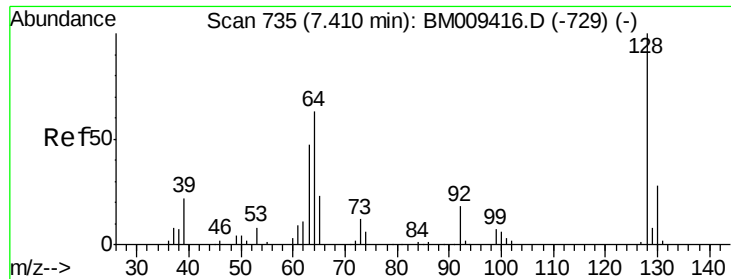
Ion Ratio Lower Upper

93 100

63 65.6 53.5 80.3

95 32.6 26.2 39.2

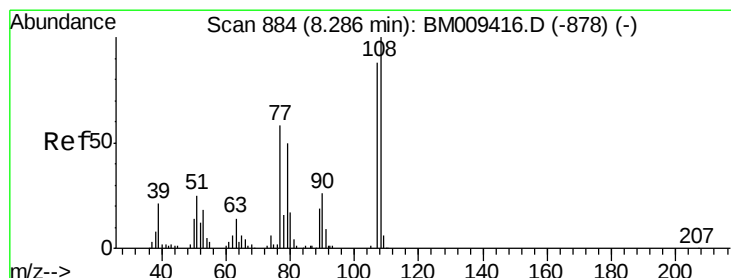
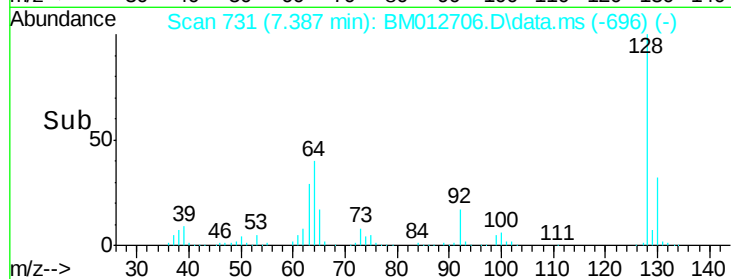
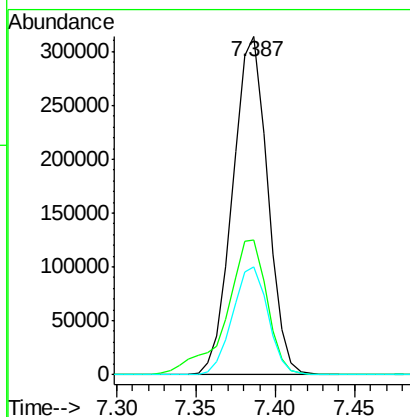
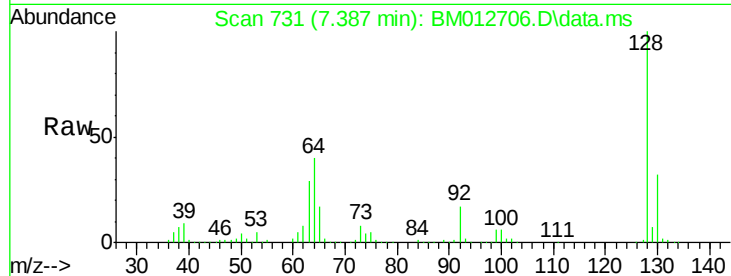




#10
2-Chlorophenol
Concen: 82.46 ng/ul
RT: 7.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

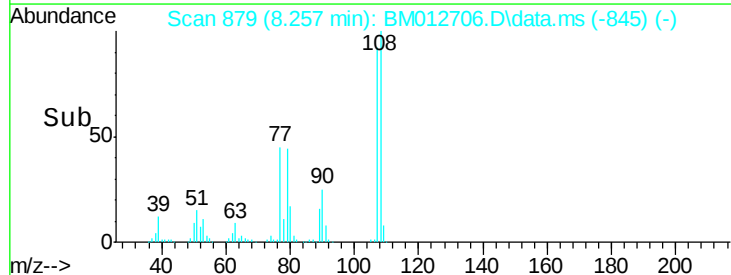
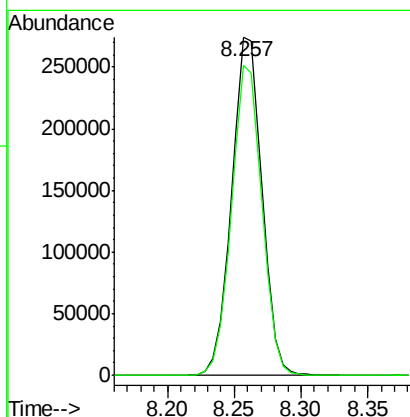
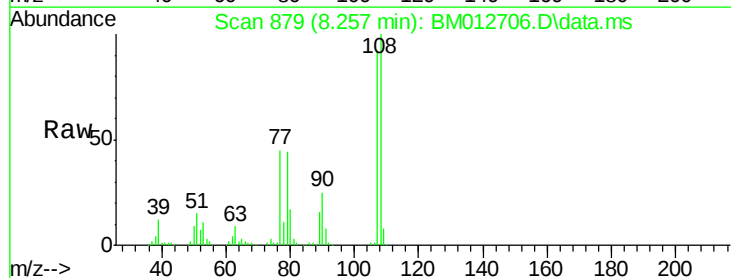
Instrument :
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ClientSampleId :
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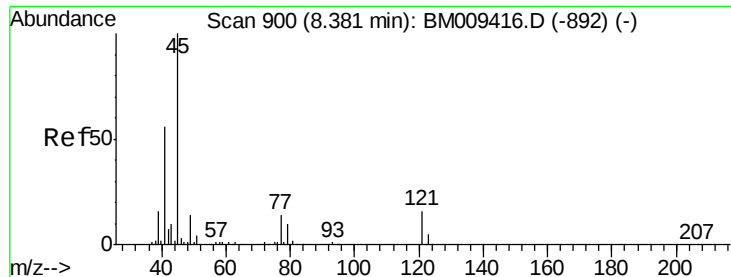
Tot Ion:128 Resp: 479835
Ion Ratio Lower Upper
128 100
64 39.8 31.9 47.9
130 31.8 25.6 38.4



#11
2-Methylphenol
Concen: 72.13 ng/ul
RT: 8.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

Tgt Ion:108 Resp: 433646
Ion Ratio Lower Upper
108 100
107 91.6 72.4 108.6





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 31.55 ng/ul

RT: 8.351 min Scan# 89

Delta R.T. -0.000 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

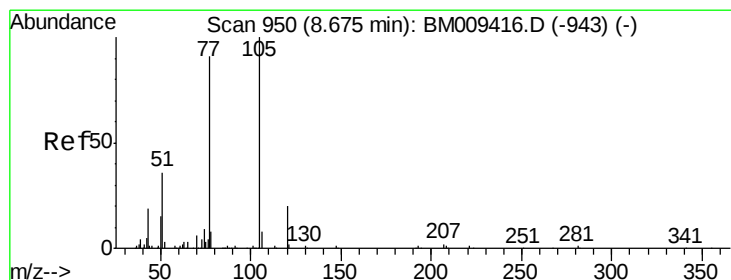
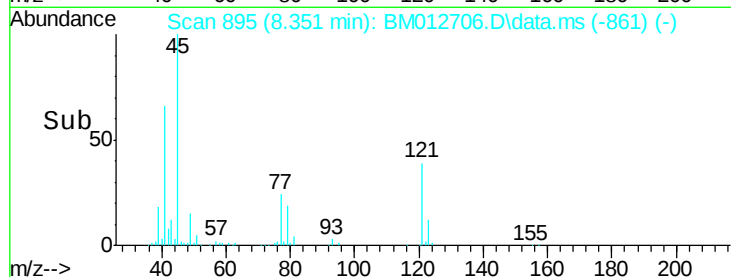
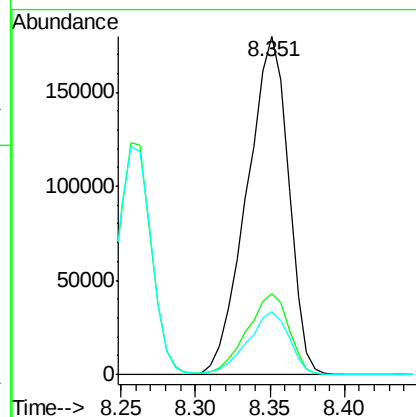
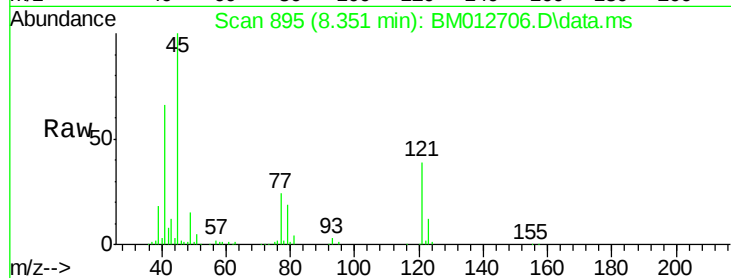
Tot Ion: 45 Resp: 346523

Ion Ratio Lower Upper

45 100

77 24.0 15.9 23.9#

79 18.7 12.5 18.7#



#14

Acetophenone

Concen: 68.59 ng/ul

RT: 8.639 min Scan# 944

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

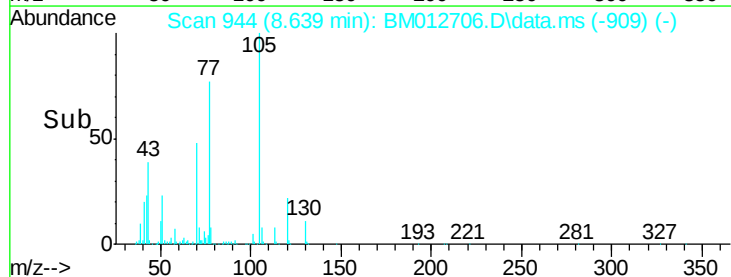
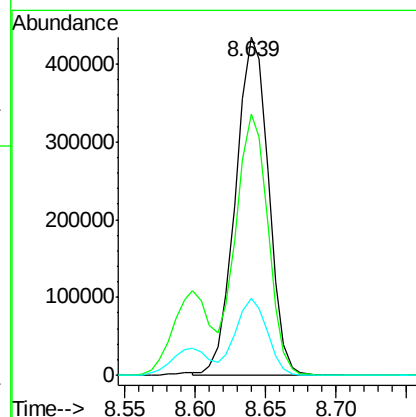
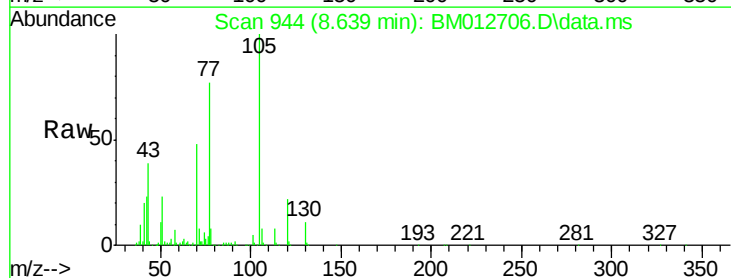
Tgt Ion: 105 Resp: 709226

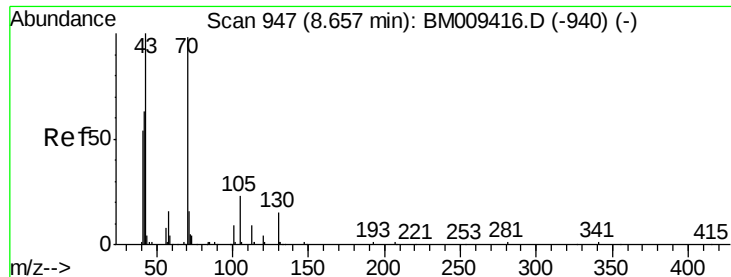
Ion Ratio Lower Upper

105 100

77 77.3 59.0 88.4

51 22.8 16.4 24.6

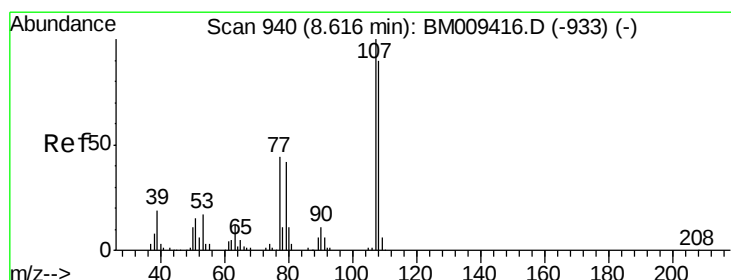
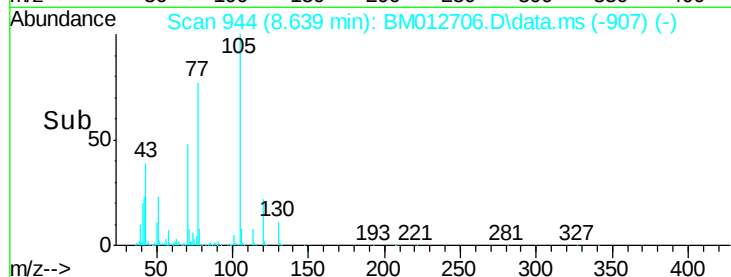
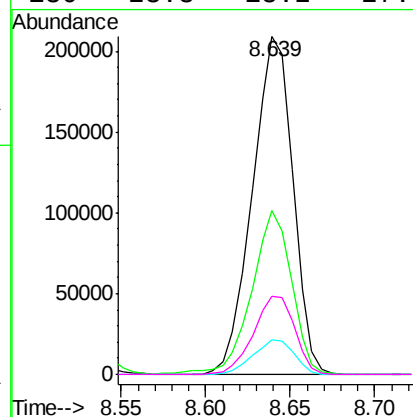
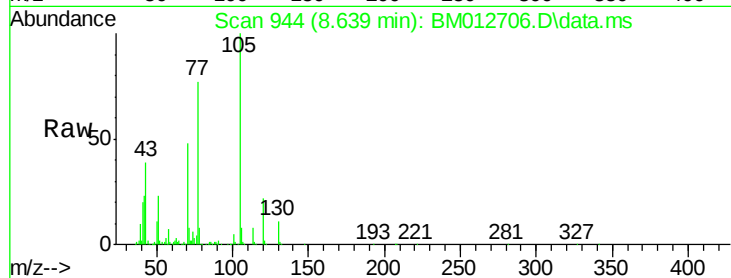




#15
N-Nitroso-di-n-propylamine
Concen: 58.55 ng/ul
RT: 8.639 min Scan# 94
Delta R.T. 0.017 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

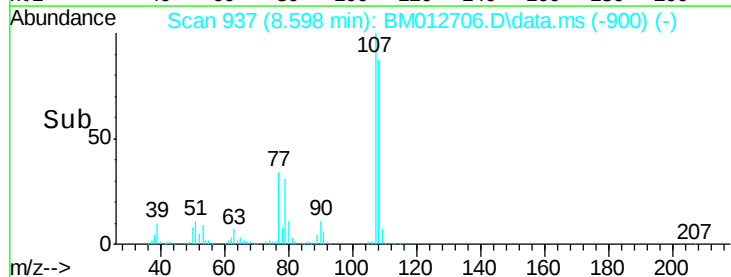
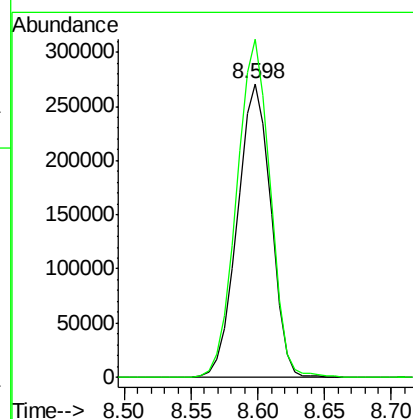
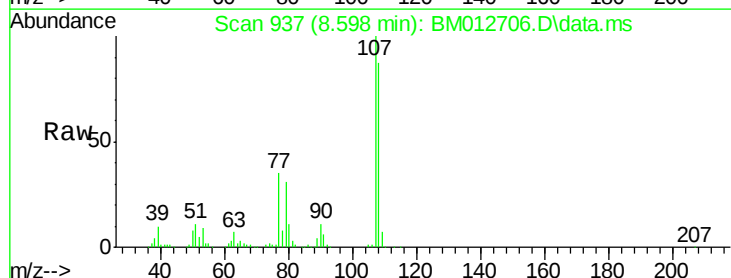
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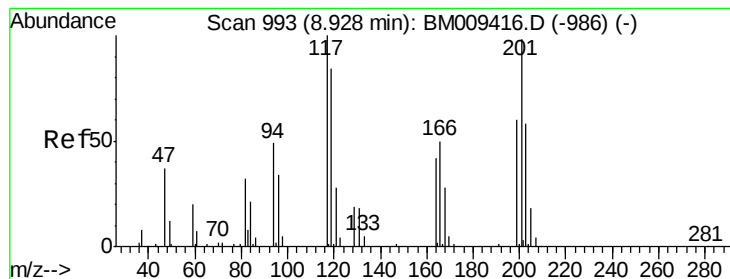
Tot Ion:	70	Resp:	349364
Ion	Ratio	Lower	Upper
70	100		
42	48.4	35.4	53.0
101	10.4	8.4	12.6
130	23.3	18.2	27.4



#16
4-Methylphenol
Concen: 72.23 ng/ul
RT: 8.598 min Scan# 937
Delta R.T. 0.017 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

Tgt Ion:	108	Resp:	471645
Ion	Ratio	Lower	Upper
108	100		
107	115.3	90.3	135.5





#17

Hexachloroethane

Concen: 68.28 ng/ul

RT: 8.892 min Scan# 98

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

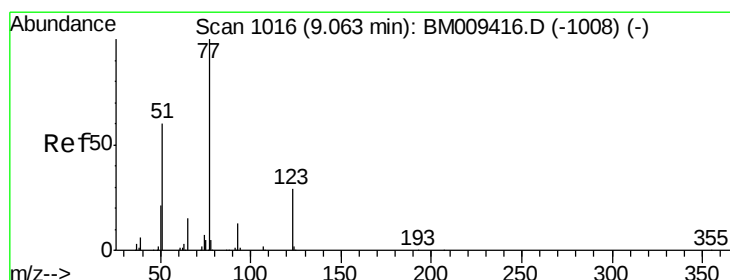
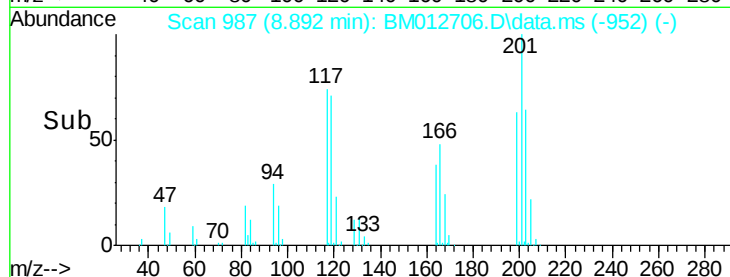
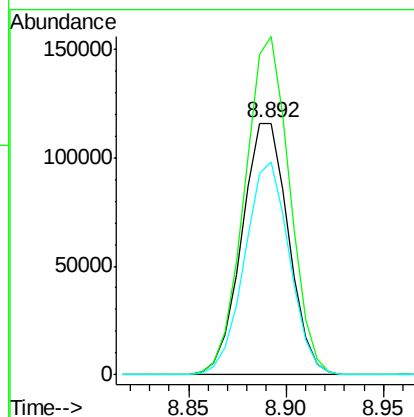
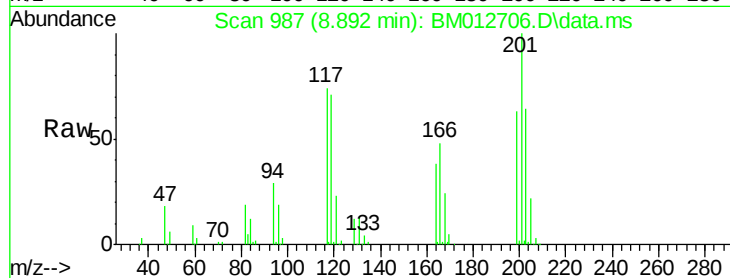
Tot Ion:117 Resp: 191718

Ion Ratio Lower Upper

117 100

201 134.4 81.5 122.3#

199 84.5 50.6 76.0#



#20

Nitrobenzene

Concen: 57.53 ng/ul

RT: 9.016 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

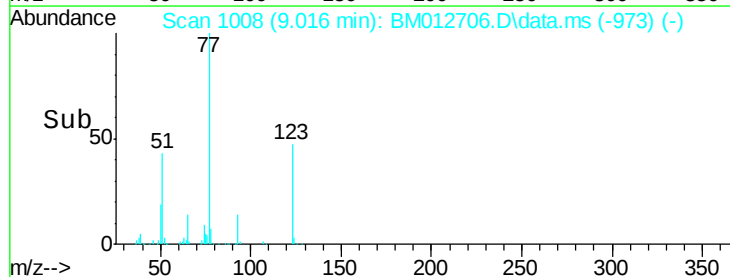
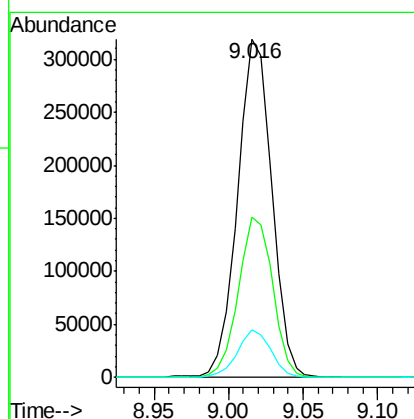
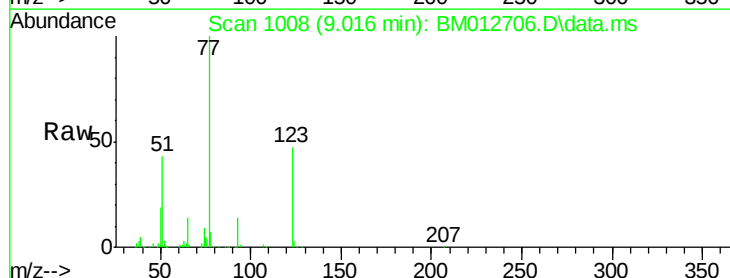
Tgt Ion: 77 Resp: 505527

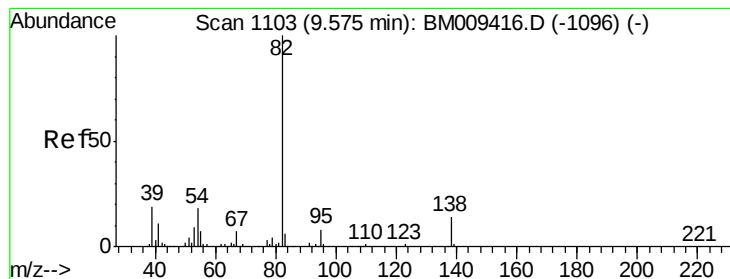
Ion Ratio Lower Upper

77 100

123 47.3 39.0 58.4

65 14.0 10.4 15.6





#21

Isophorone

Concen: 63.68 ng/ul

RT: 9.551 min Scan# 10

Delta R.T. 0.012 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

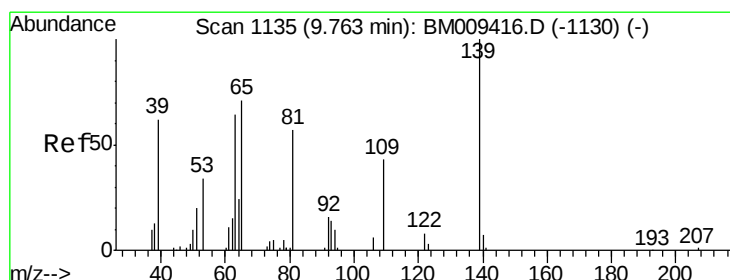
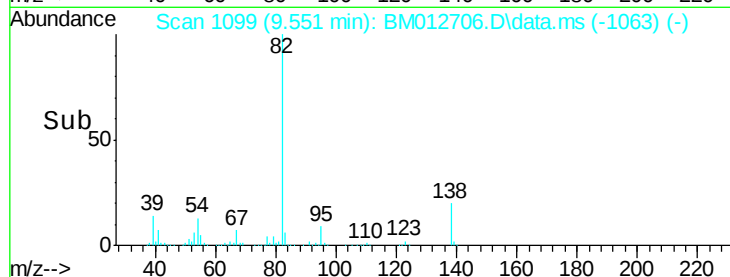
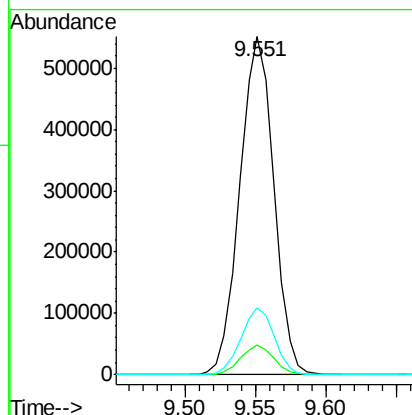
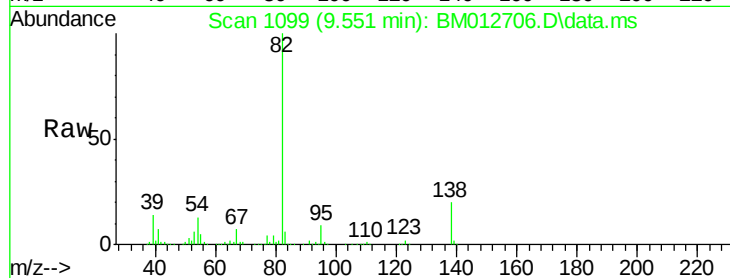
Tot Ion: 82 Resp: 930499

Ion Ratio Lower Upper

82 100

95 8.6 6.4 9.6

138 19.9 14.9 22.3



#23

2-Nitrophenol

Concen: 94.73 ng/ul

RT: 9.728 min Scan# 1129

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

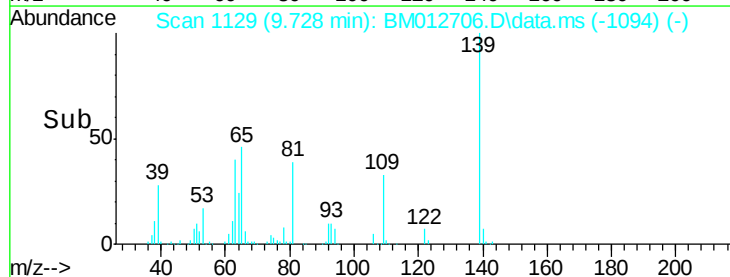
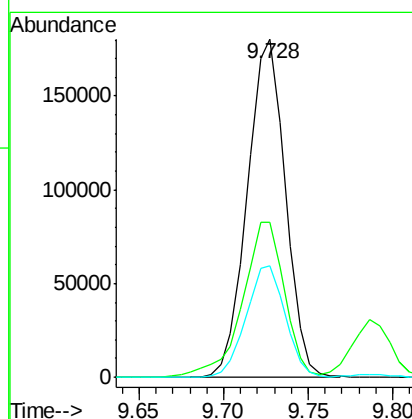
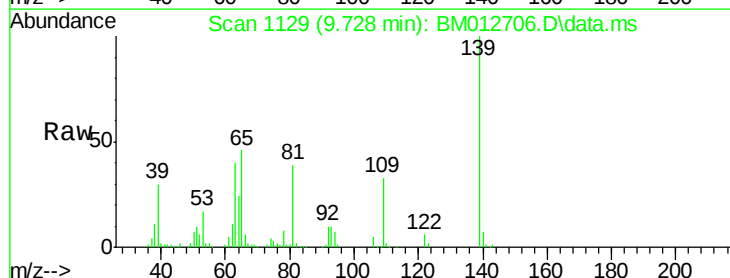
Tgt Ion: 139 Resp: 283201

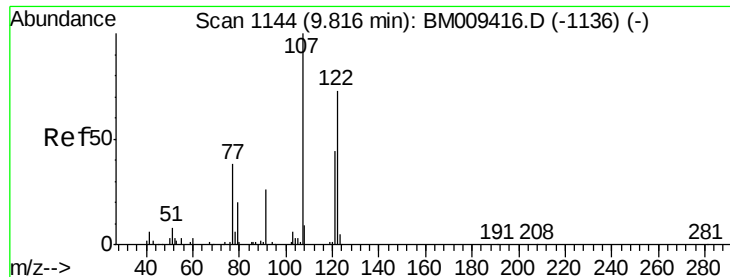
Ion Ratio Lower Upper

139 100

65 45.7 36.3 54.5

109 33.1 26.4 39.6





#24

2,4-Dimethylphenol

Concen: 74.14 ng/ul

RT: 9.786 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

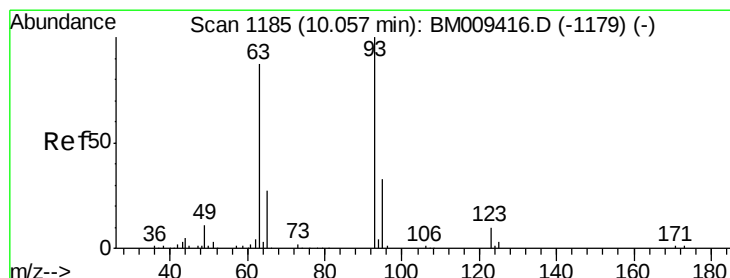
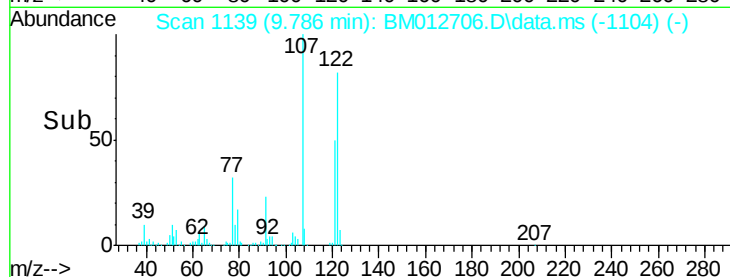
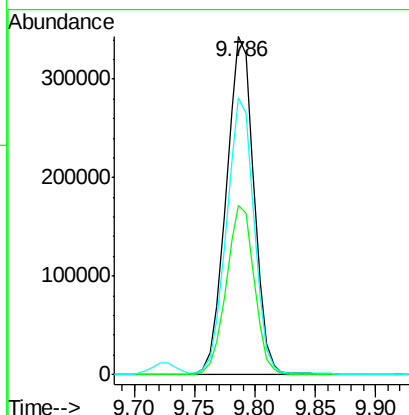
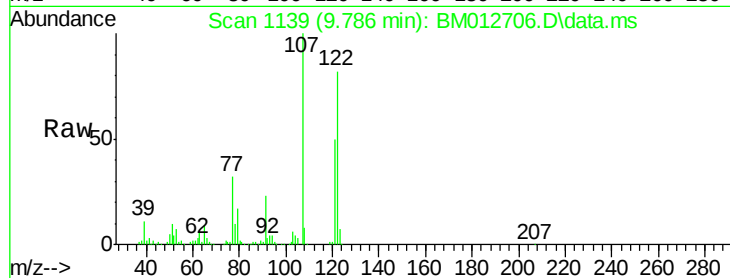
Tot Ion:107 Resp: 547372

Ion Ratio Lower Upper

107 100

121 49.9 40.6 61.0

122 81.8 67.8 101.6



#25

Bis(2-Chloroethoxy)methane

Concen: 67.05 ng/ul

RT: 10.022 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

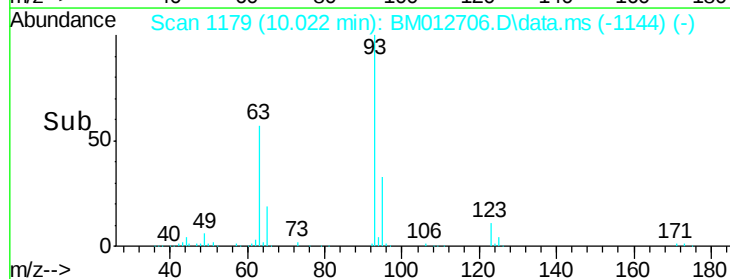
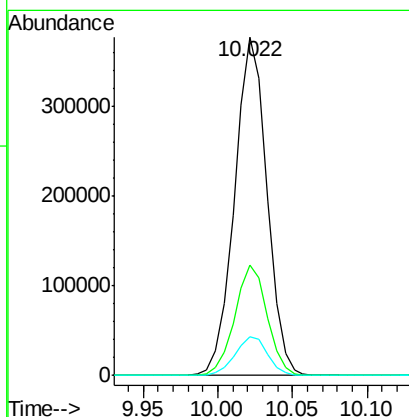
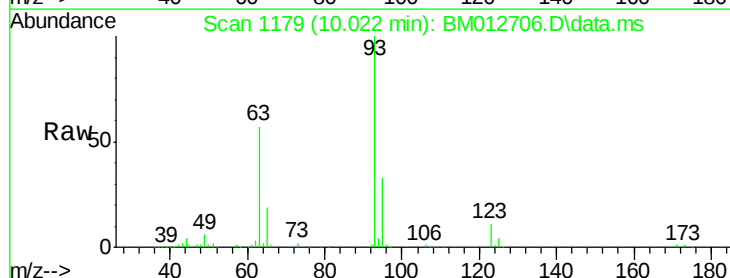
Tgt Ion: 93 Resp: 567787

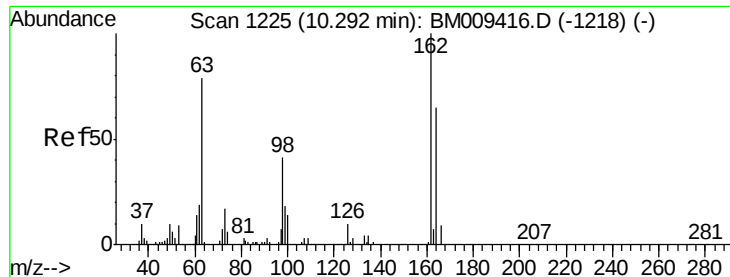
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 11.3 9.8 14.8

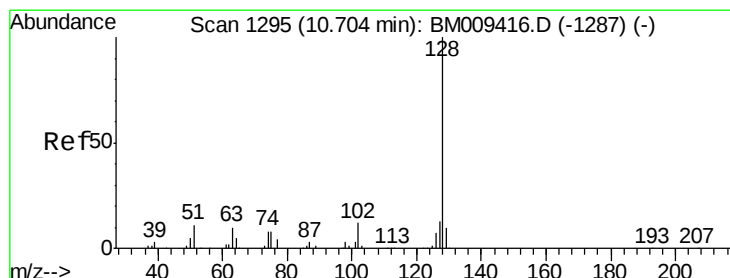
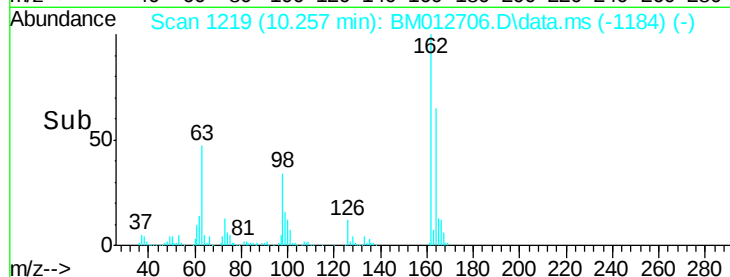
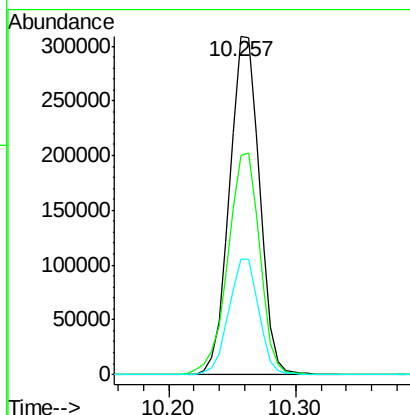
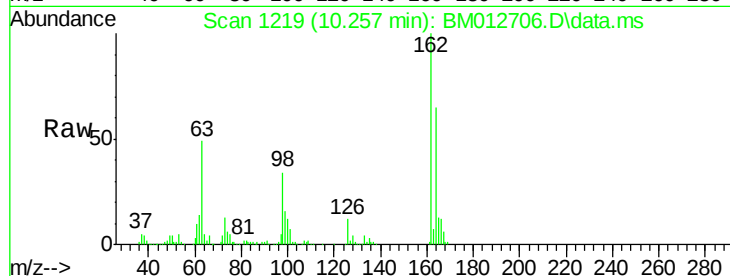




#27
 2,4-Dichlorophenol
 Concen: 90.19 ng/ul
 RT: 10.257 min Scan# 1219
 Delta R.T. 0.006 min
 Lab File: BM012706.D
 Acq: 04 Nov 2017 14:18

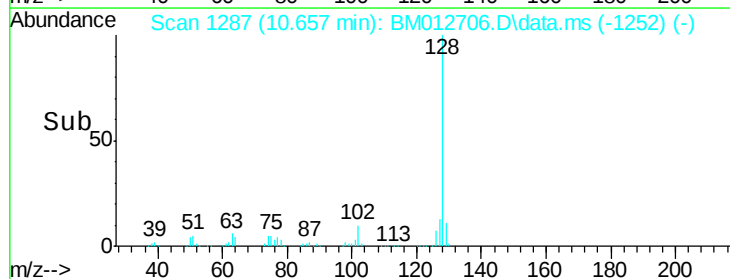
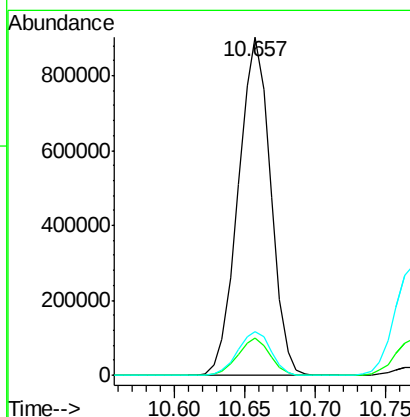
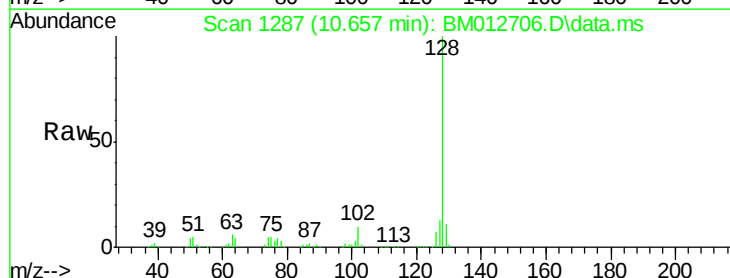
Instrument :
 BNA_M
 ClientSampleId :
 SSTD08091

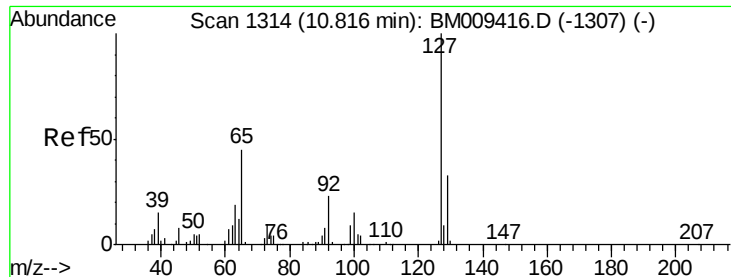
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	52.1	78.1
98	34.2	28.4	42.6



#28
 Naphthalene
 Concen: 80.52 ng/ul
 RT: 10.657 min Scan# 1287
 Delta R.T. 0.006 min
 Lab File: BM012706.D
 Acq: 04 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.5	15.7

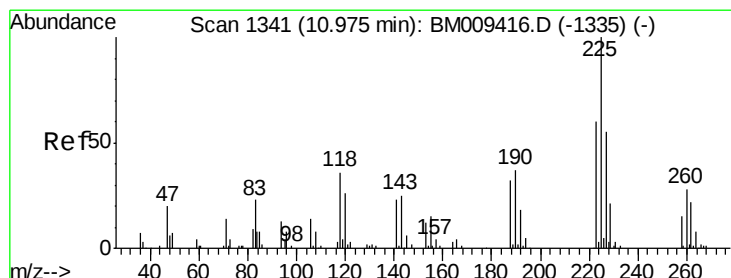
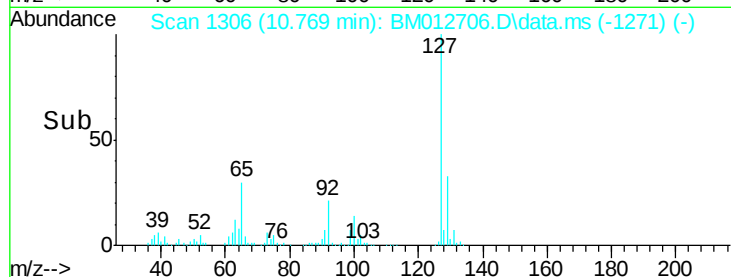
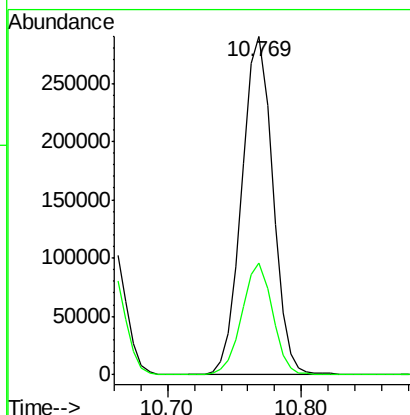
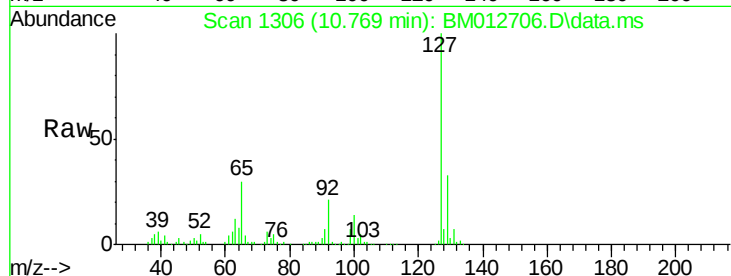




#30
4-Chloroaniline
Concen: 69.11 ng/ul
RT: 10.769 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

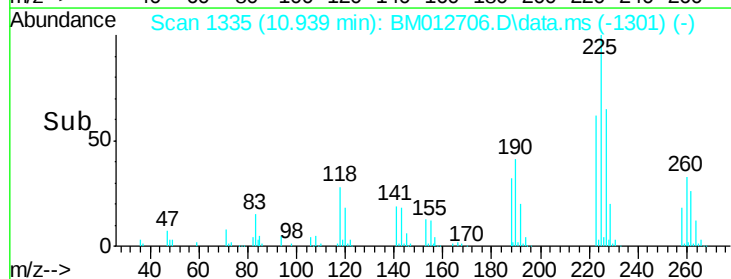
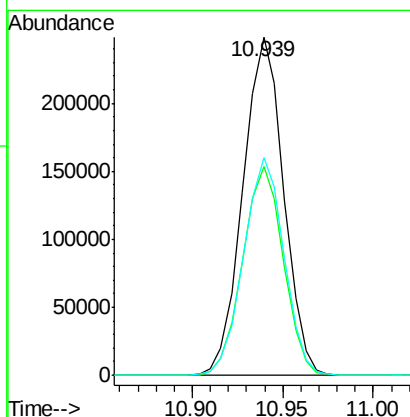
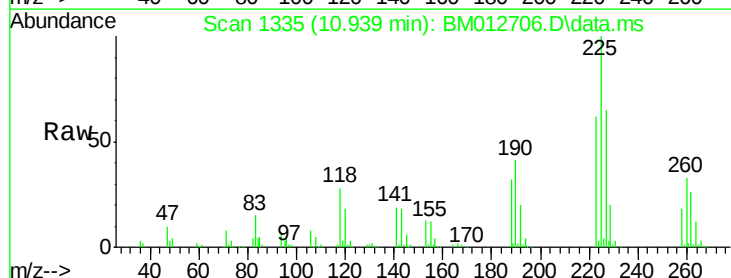
Instrument :
BNA_M
ClientSampleId :
SSTD08091

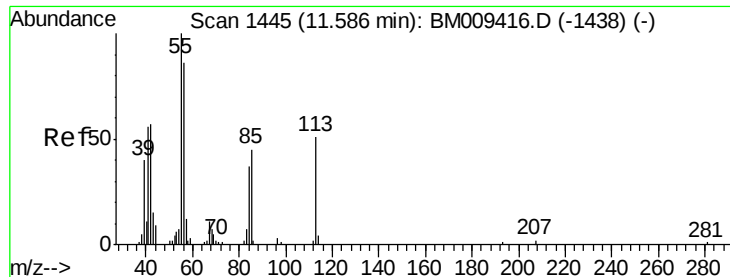
Tot Ion:127 Resp: 466516
Ion Ratio Lower Upper
127 100
129 33.2 25.4 38.2



#31
Hexachlorobutadiene
Concen: 88.76 ng/ul
RT: 10.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

Tgt Ion:225 Resp: 387722
Ion Ratio Lower Upper
225 100
223 61.9 51.4 77.2
227 64.6 50.7 76.1





#32

Caprolactam

Concen: 46.41 ng/ul

RT: 11.575 min Scan# 14

Delta R.T. 0.023 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

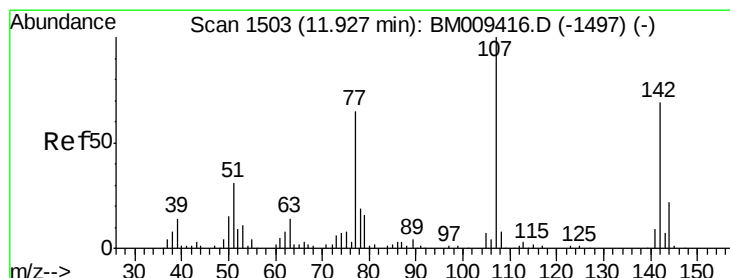
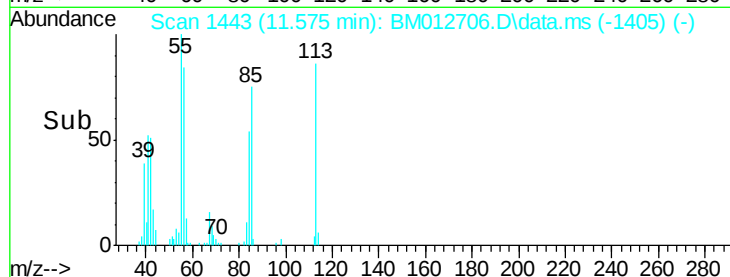
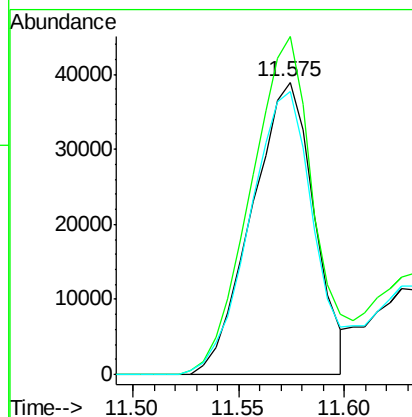
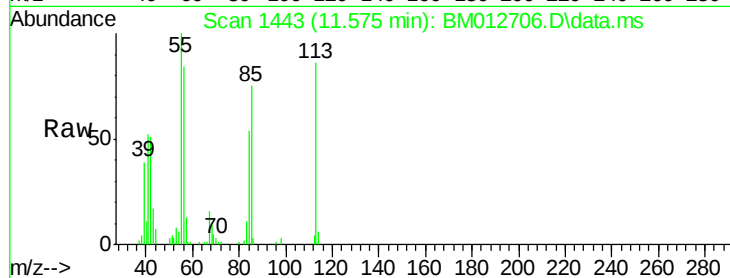
Tot Ion:113 Resp: 79750

Ion Ratio Lower Upper

113 100

55 115.7 101.9 152.9

56 96.7 81.2 121.8



#33

4-Chloro-3-methylphenol

Concen: 78.44 ng/ul

RT: 11.904 min Scan# 1499

Delta R.T. 0.012 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

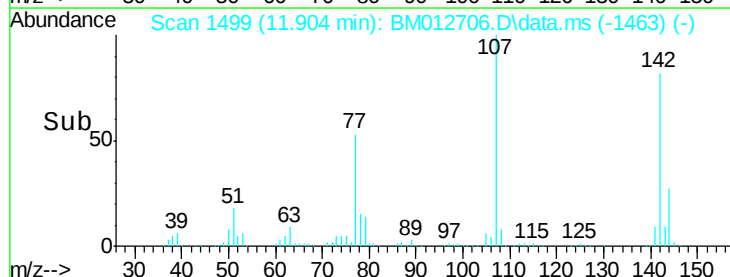
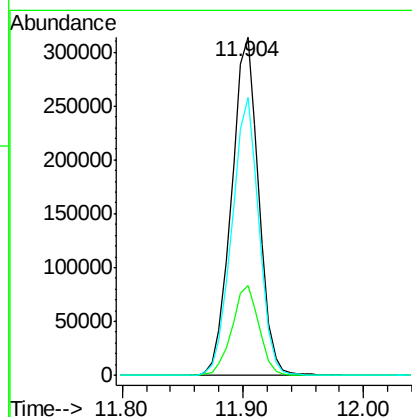
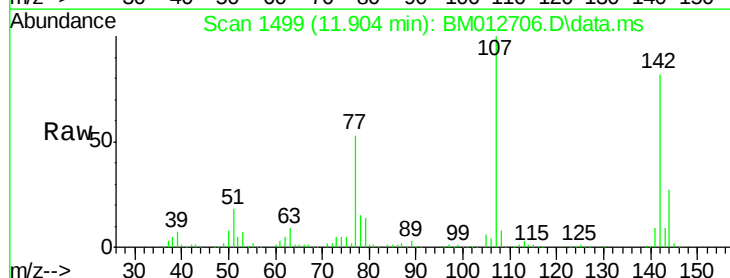
Tgt Ion:107 Resp: 491194

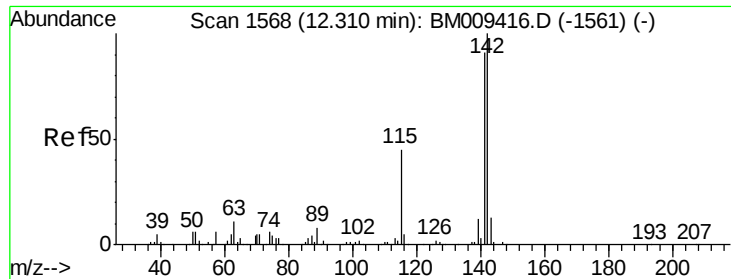
Ion Ratio Lower Upper

107 100

144 26.7 20.4 30.6

142 82.1 62.5 93.7

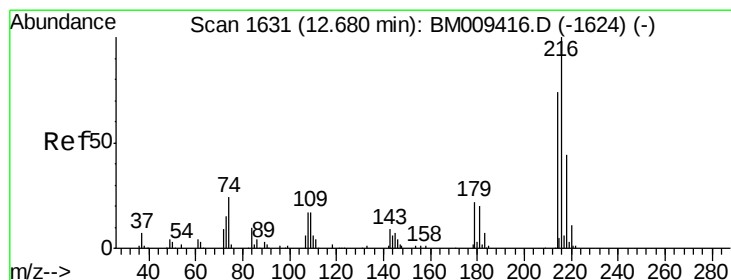
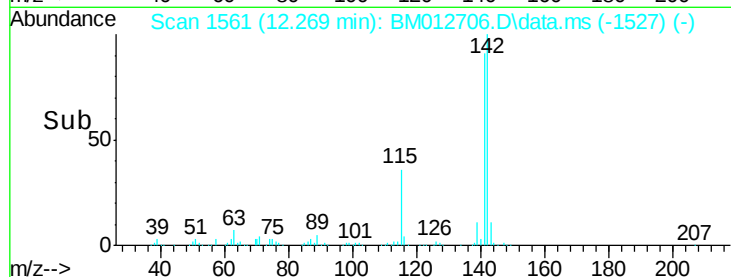
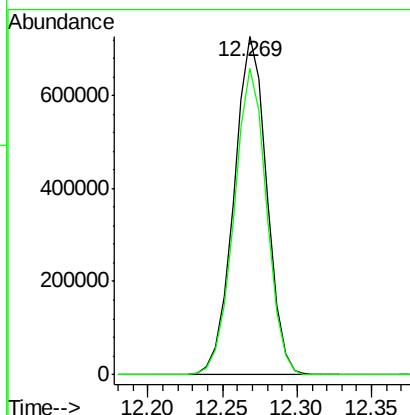
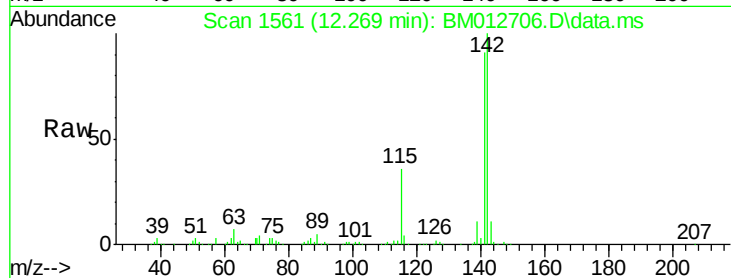




#34
2-Methylnaphthalene
Concen: 85.80 ng/ul
RT: 12.269 min Scan# 15
Delta R.T. -0.000 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

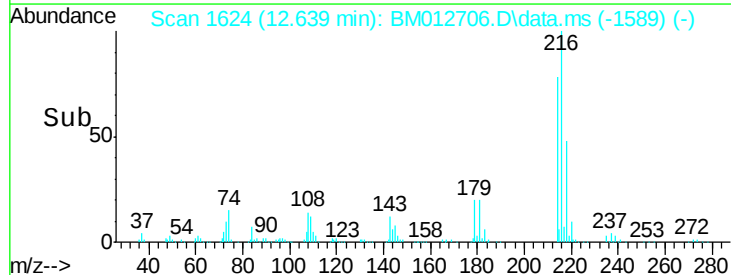
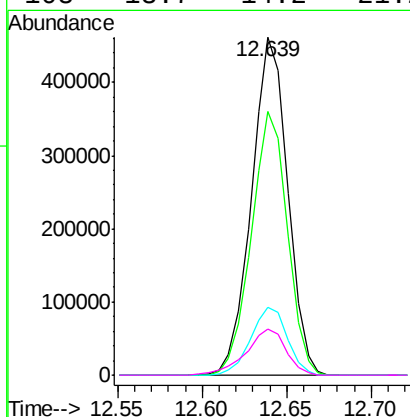
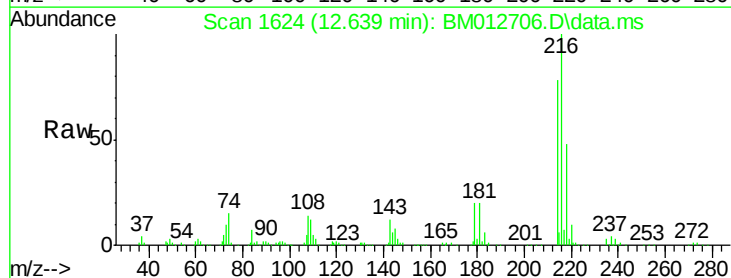
Instrument :
BNA_M
ClientSampleId :
SSTD08091

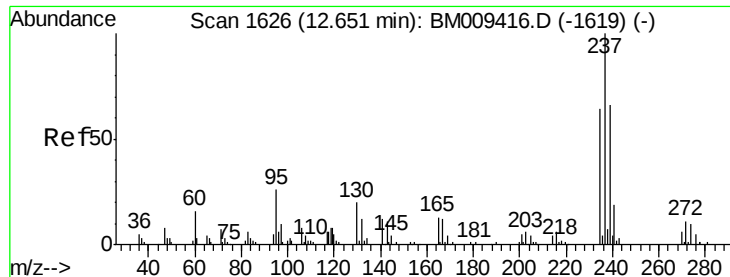
Tot Ion:142 Resp: 1110196
Ion Ratio Lower Upper
142 100
141 90.6 71.6 107.4



#36
1,2,4,5-Tetrachlorobenzene
Concen: 95.09 ng/ul
RT: 12.639 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

Tgt Ion:216 Resp: 685433
Ion Ratio Lower Upper
216 100
214 78.1 62.5 93.7
179 20.0 18.2 27.2
108 13.7 14.2 21.2#

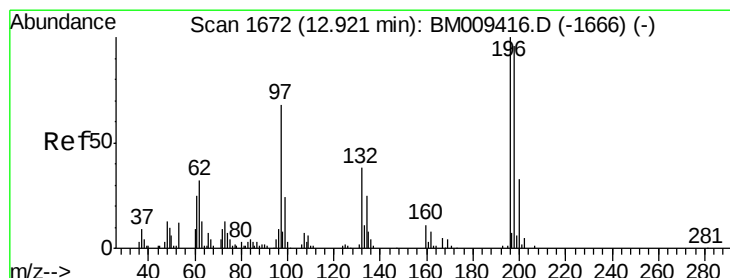
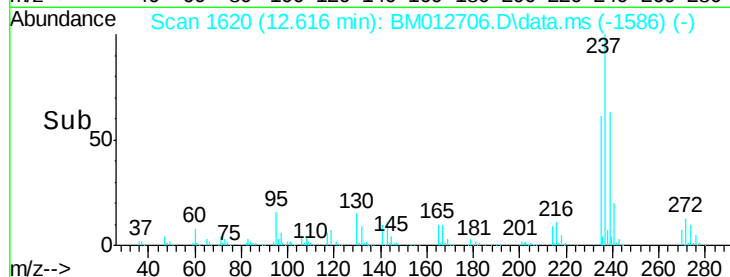
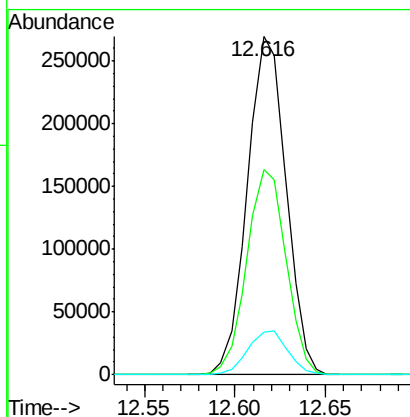
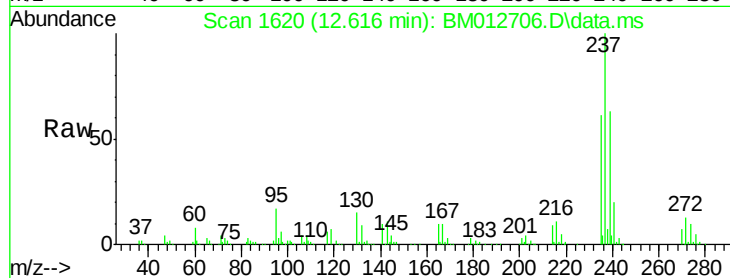




#37
Hexachlorocyclopentadiene
Concen: 88.64 ng/ul
RT: 12.616 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

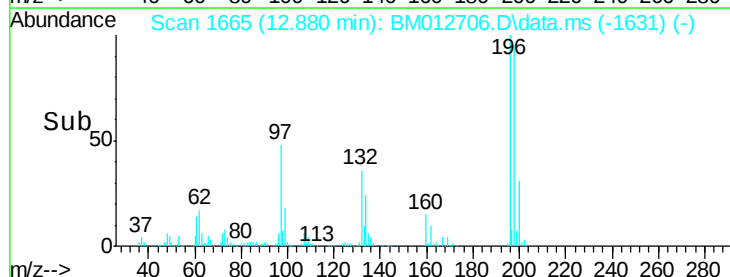
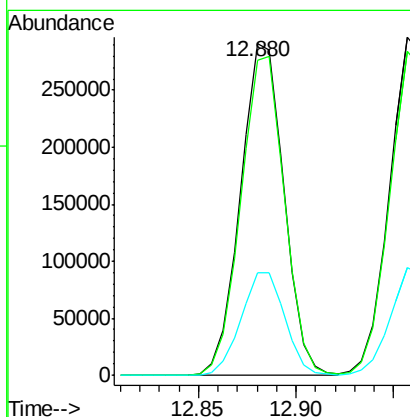
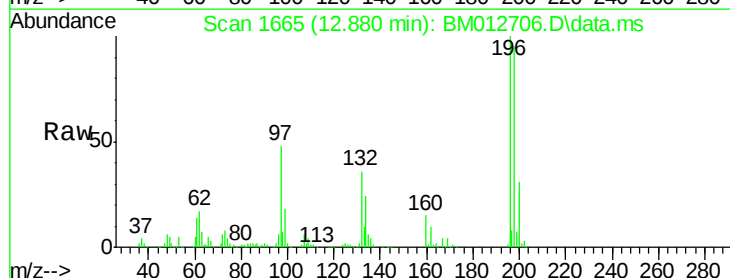
Instrument :
BNA_M
ClientSampleId :
SSTD08091

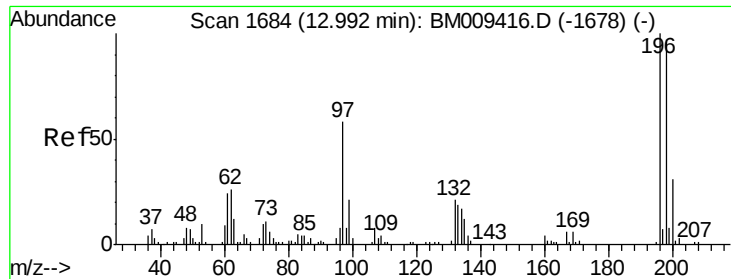
Tot Ion	Ratio	Lower	Upper
237	100		
235	60.7	50.4	75.6
272	12.7	9.6	14.4



#38
2,4,6-Trichlorophenol
Concen: 106.25 ng/ul
RT: 12.880 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.6	114.8
200	31.1	24.7	37.1

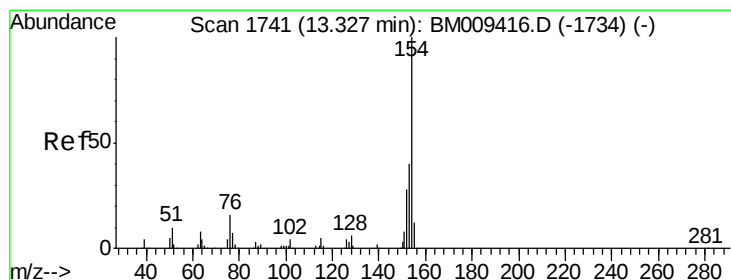
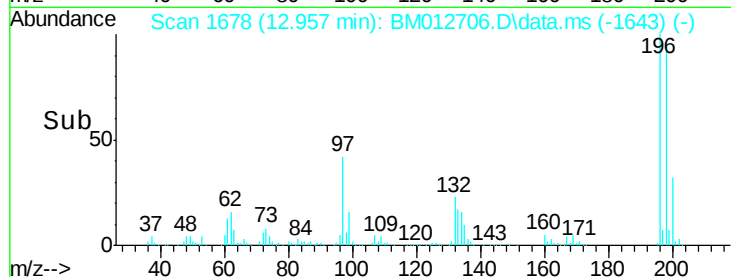
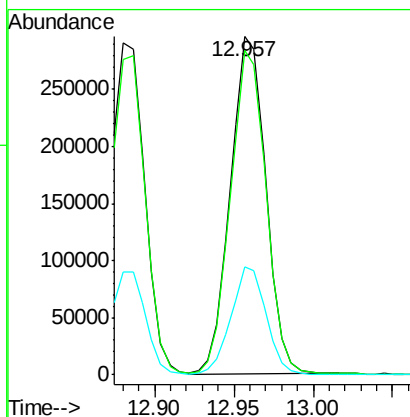
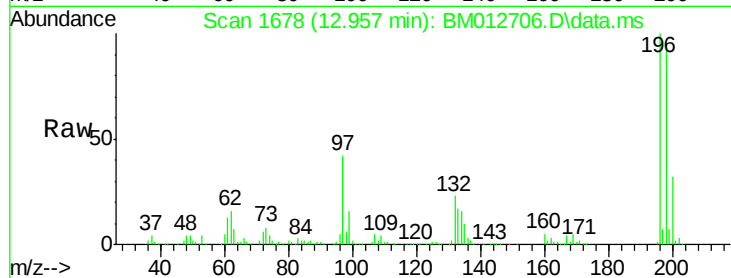




#39
 2,4,5-Trichlorophenol
 Concen: 100.85 ng/ul
 RT: 12.957 min Scan# 16
 Delta R.T. 0.006 min
 Lab File: BM012706.D
 Acq: 04 Nov 2017 14:18

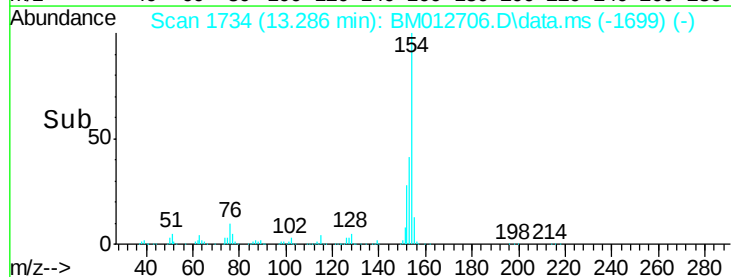
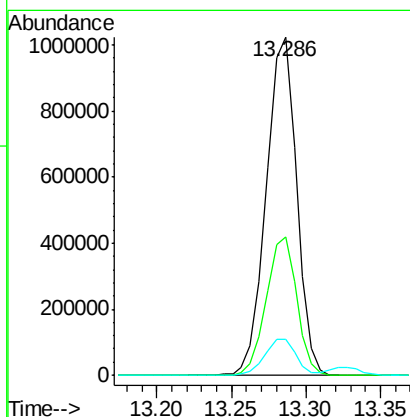
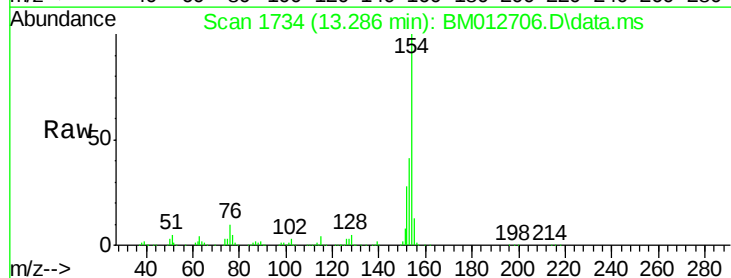
Instrument :
 BNA_M
 ClientSampleId :
 SSTD08091

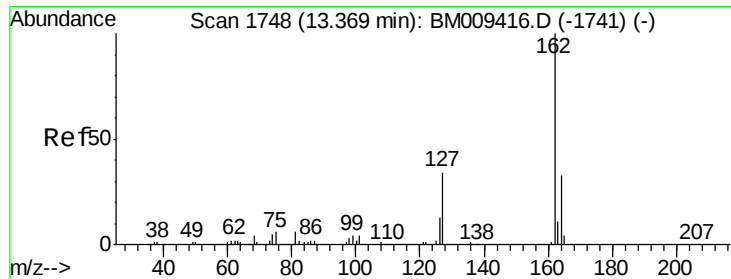
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.9	115.3
200	31.8	25.0	37.4



#40
 1,1'-Biphenyl
 Concen: 91.48 ng/ul
 RT: 13.286 min Scan# 1734
 Delta R.T. 0.006 min
 Lab File: BM012706.D
 Acq: 04 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	32.1	48.1
76	10.5	9.5	14.3

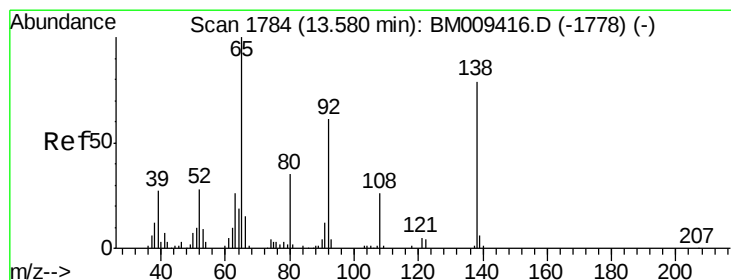
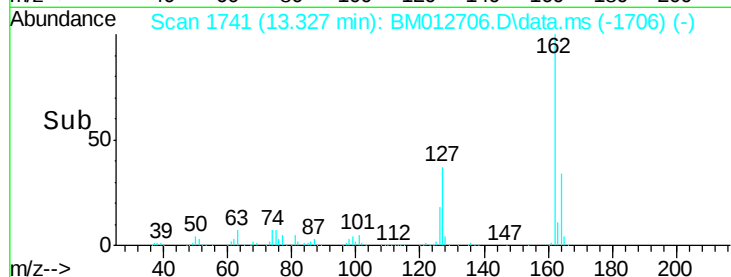
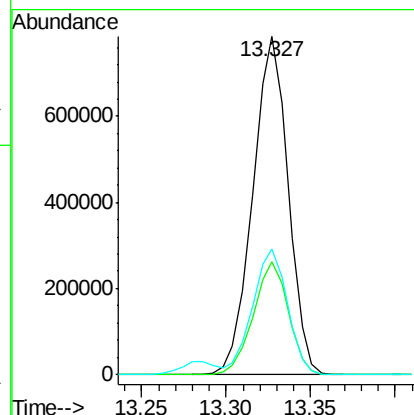
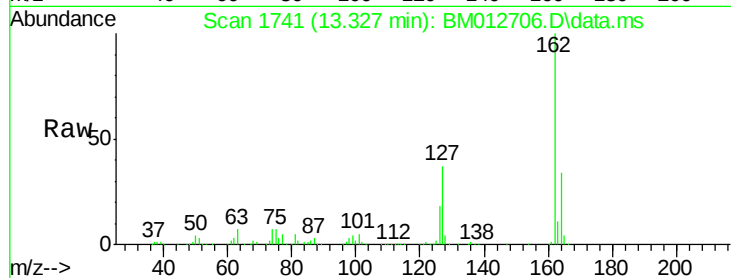




#41
2-Chloronaphthalene
Concen: 92.74 ng/ul
RT: 13.327 min Scan# 1748
Delta R.T. 0.006 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

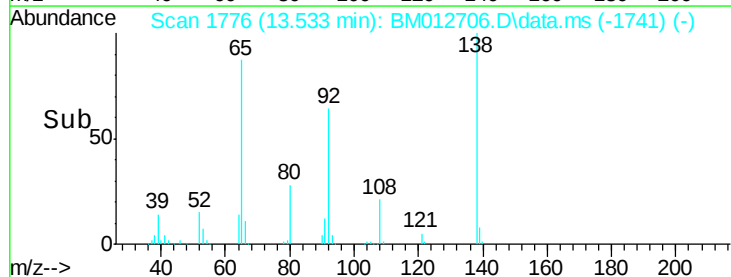
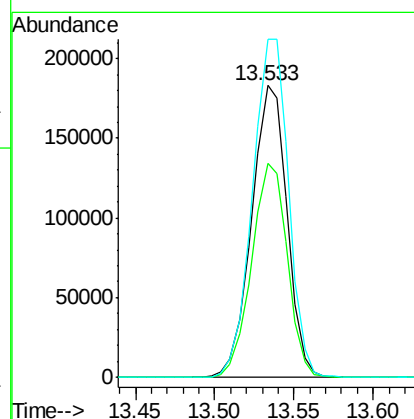
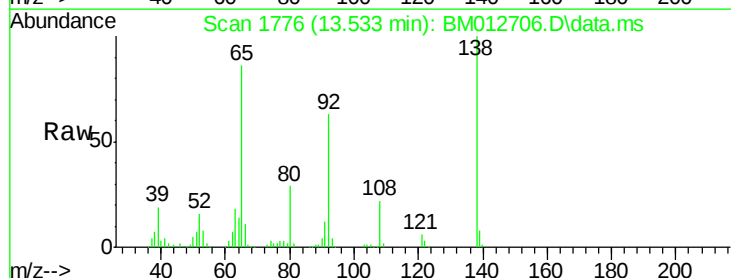
Instrument :
BNA_M
ClientSampleId :
SSTD08091

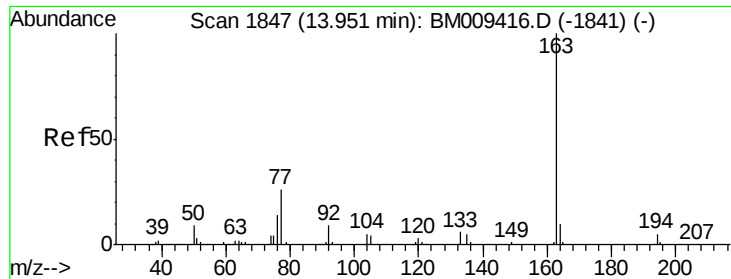
Tot Ion:162 Resp: 1143697
Ion Ratio Lower Upper
162 100
164 33.5 25.9 38.9
127 37.1 34.1 51.1



#42
2-Nitroaniline
Concen: 62.65 ng/ul
RT: 13.533 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

Tgt Ion: 65 Resp: 284787
Ion Ratio Lower Upper
65 100
92 73.3 60.4 90.6
138 115.8 99.8 149.6





#44

Dimethylphthalate

Concen: 92.88 ng/ul

RT: 13.916 min Scan# 18

Delta R.T. 0.012 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

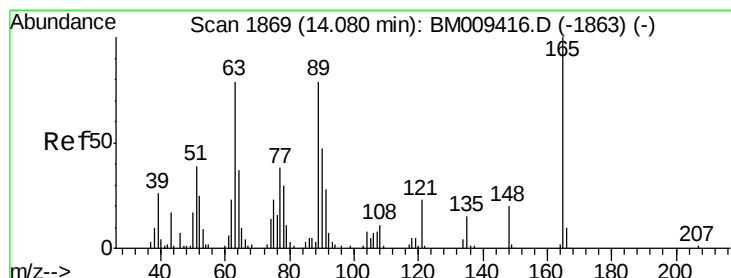
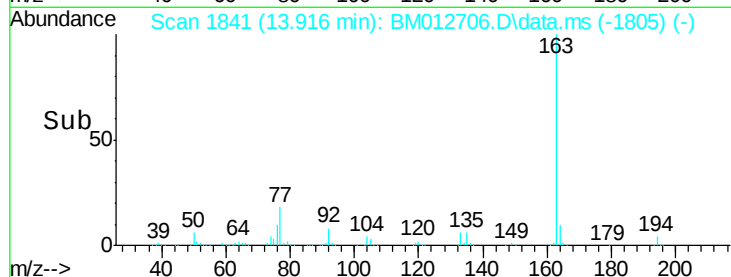
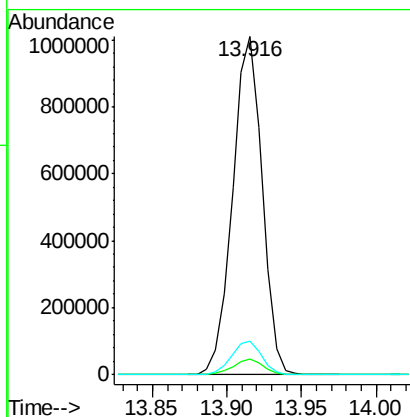
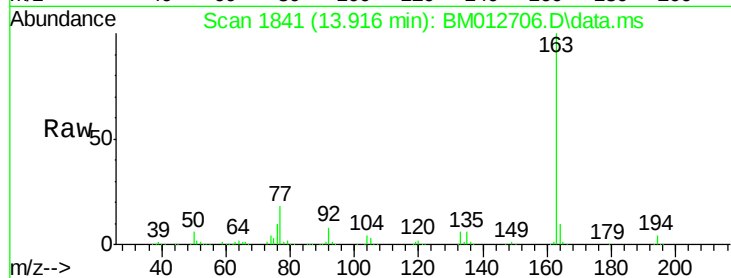
Tot Ion:163 Resp: 1398105

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 9.9 7.8 11.8



#45

2,6-Dinitrotoluene

Concen: 104.76 ng/ul

RT: 14.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

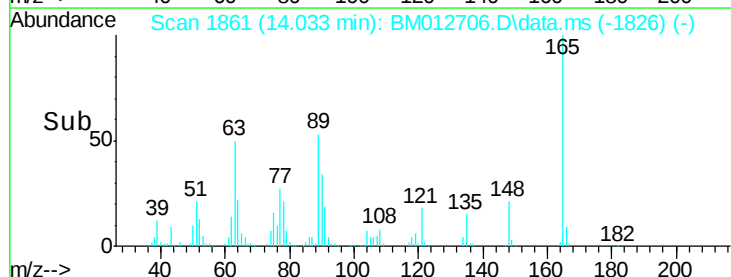
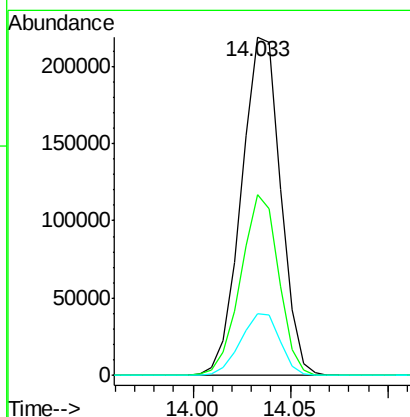
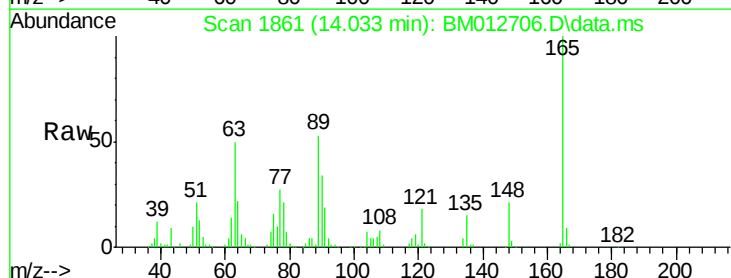
Tgt Ion:165 Resp: 304751

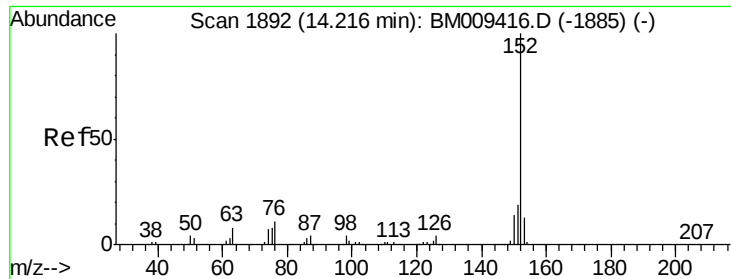
Ion Ratio Lower Upper

165 100

89 53.3 42.4 63.6

121 18.1 16.6 24.8





#47

Acenaphthylene

Concen: 92.15 ng/ul

RT: 14.174 min Scan# 18

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

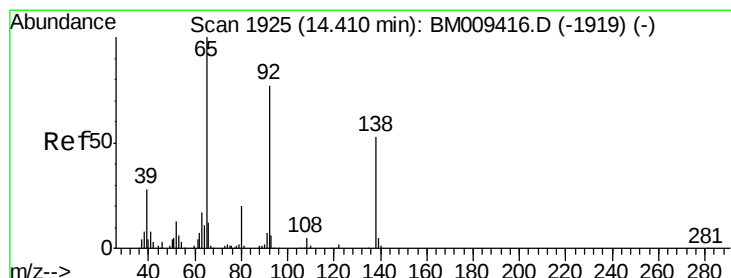
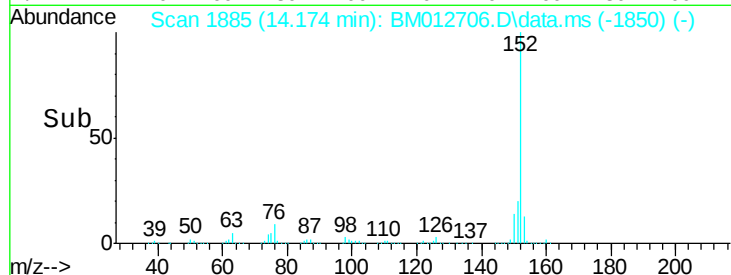
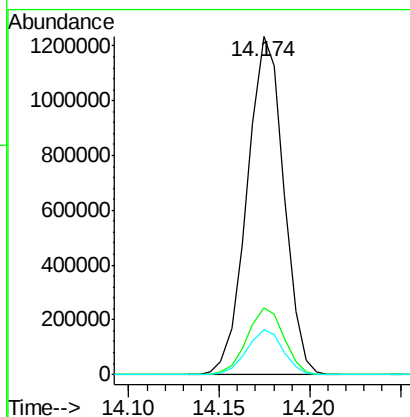
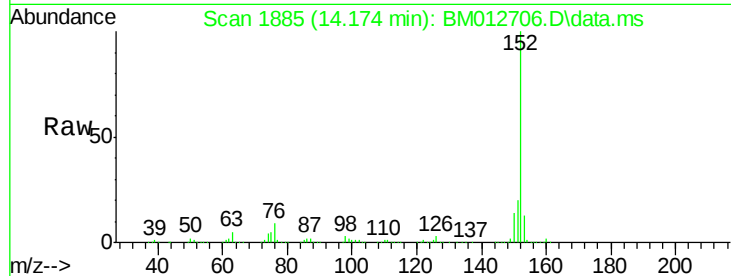
BNA_M

ClientSampleId :

SSTD08091

Tot Ion:152 Resp: 1737420

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.3	10.5	15.7



#48

3-Nitroaniline

Concen: 78.76 ng/ul

RT: 14.363 min Scan# 1917

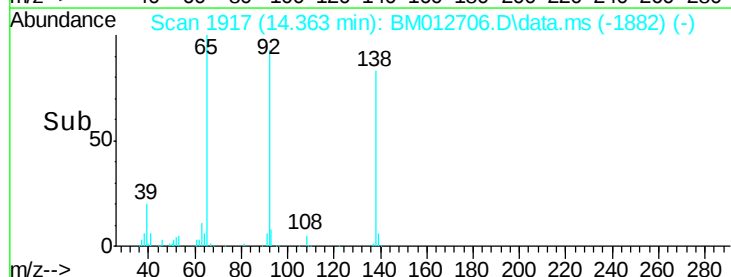
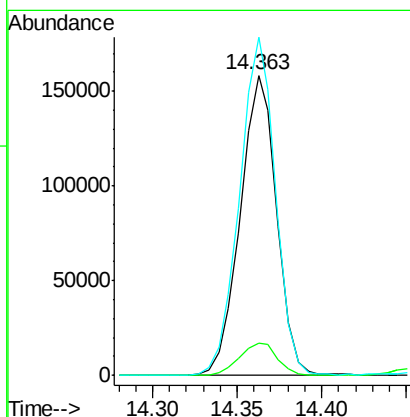
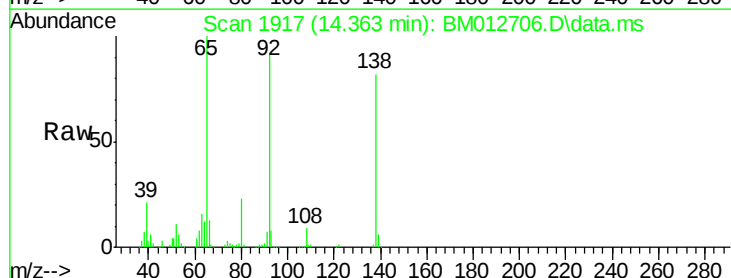
Delta R.T. 0.006 min

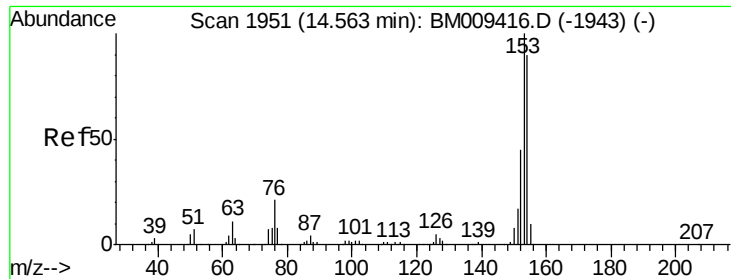
Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Tgt Ion:138 Resp: 236255

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	112.8	88.2	132.4





#49

Acenaphthene

Concen: 88.39 ng/ul

RT: 14.515 min Scan# 19

Delta R.T. -0.000 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

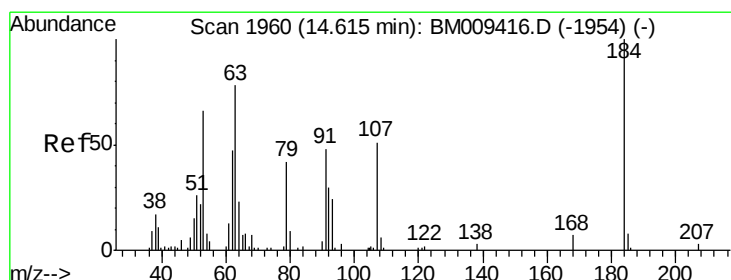
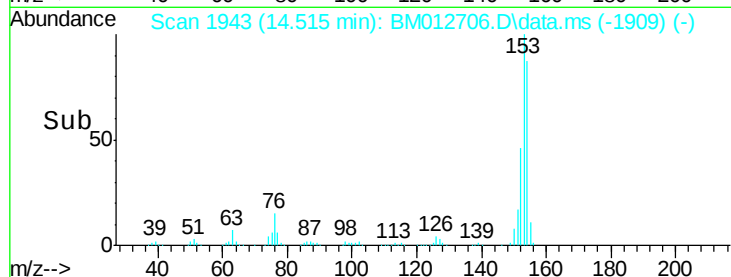
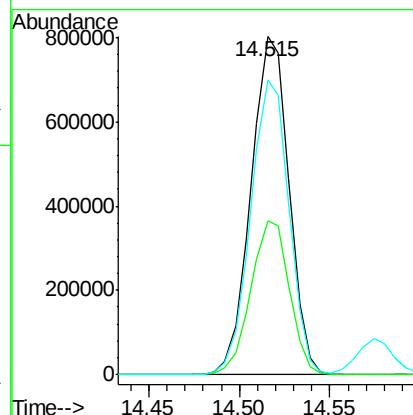
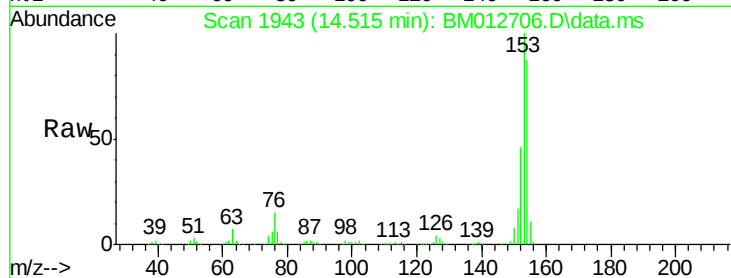
Tot Ion:153 Resp: 1170460

Ion Ratio Lower Upper

153 100

152 45.6 38.3 57.5

154 87.2 71.8 107.8



#50

2,4-Dinitrophenol

Concen: 99.49 ng/ul

RT: 14.574 min Scan# 1953

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

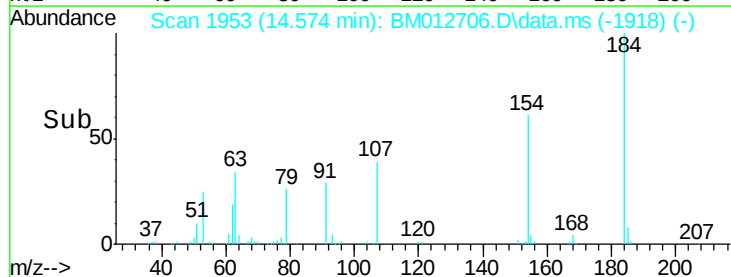
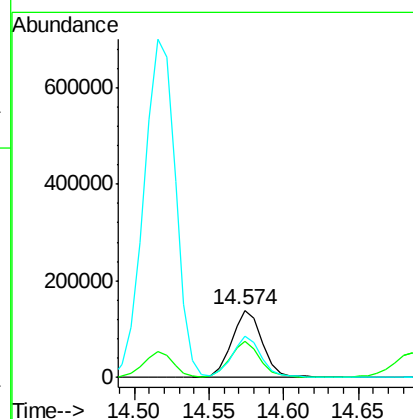
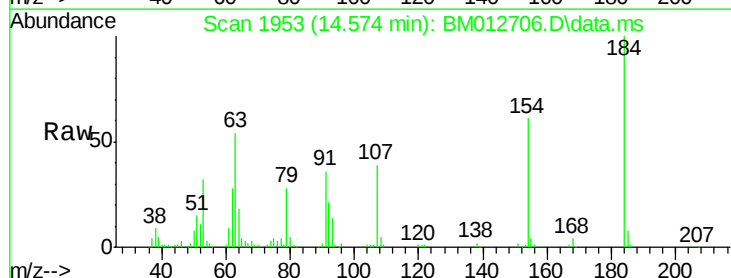
Tgt Ion:184 Resp: 198851

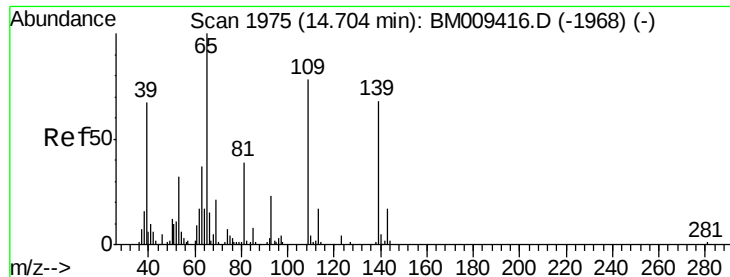
Ion Ratio Lower Upper

184 100

63 54.1 46.5 69.7

154 61.2 54.6 82.0





#52

4-Nitrophenol

Concen: 61.72 ng/ul

RT: 14.686 min Scan# 19

Delta R.T. 0.017 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

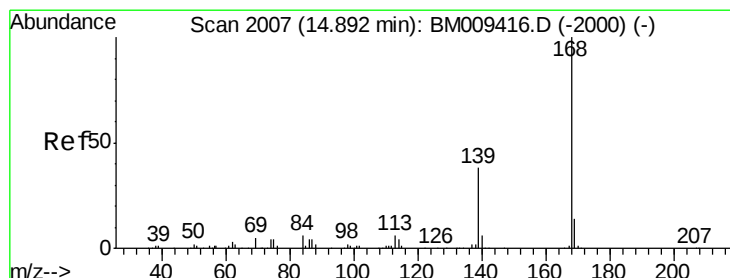
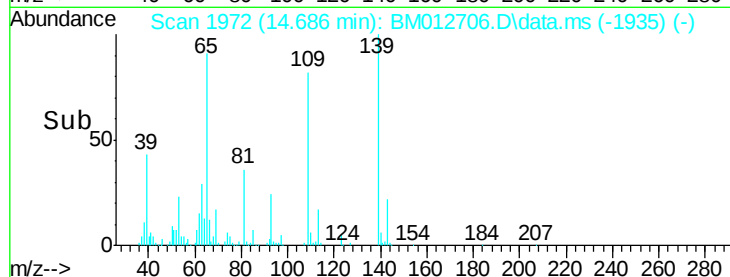
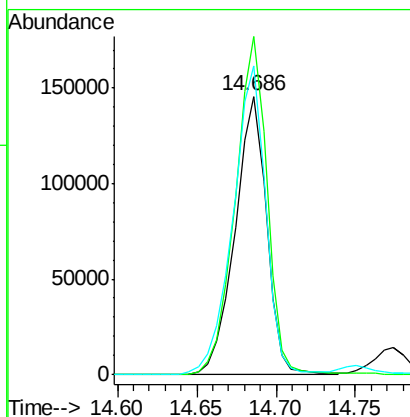
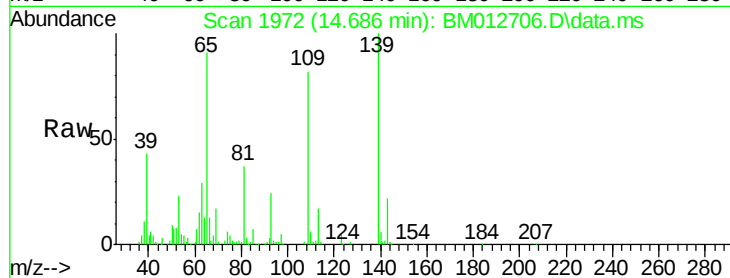
Tot Ion:109 Resp: 201233

Ion Ratio Lower Upper

109 100

139 121.6 103.7 155.5

65 111.0 89.4 134.2



#53

Dibenzofuran

Concen: 87.56 ng/ul

RT: 14.851 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BM012706.D

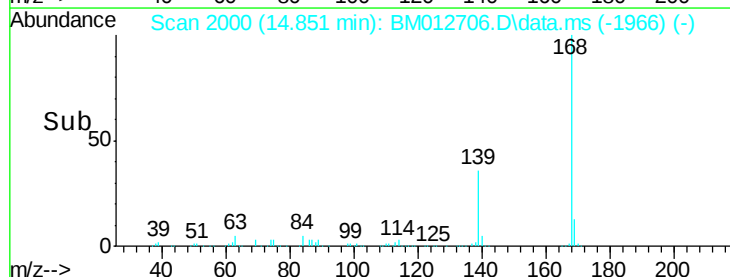
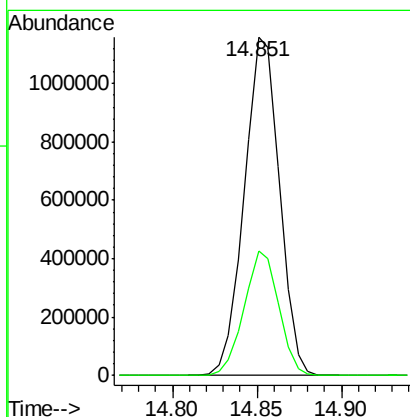
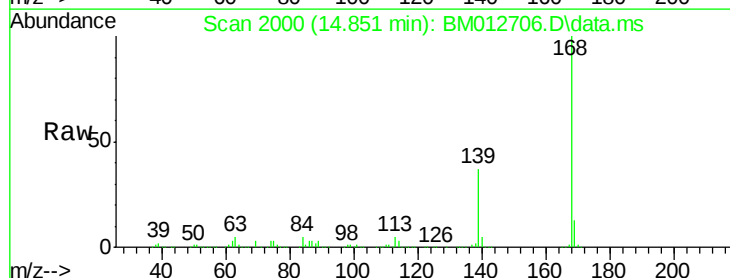
Acq: 04 Nov 2017 14:18

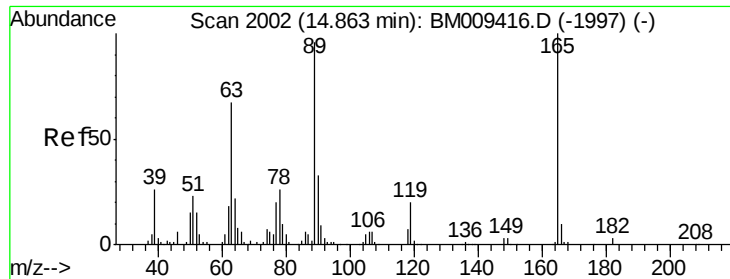
Tgt Ion:168 Resp: 1680317

Ion Ratio Lower Upper

168 100

139 36.6 32.2 48.2

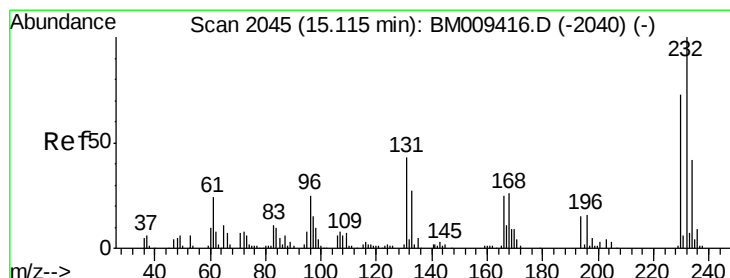
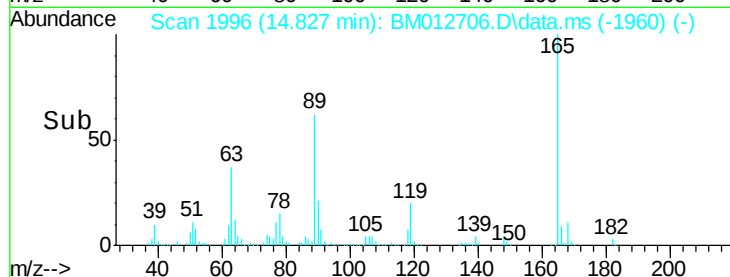
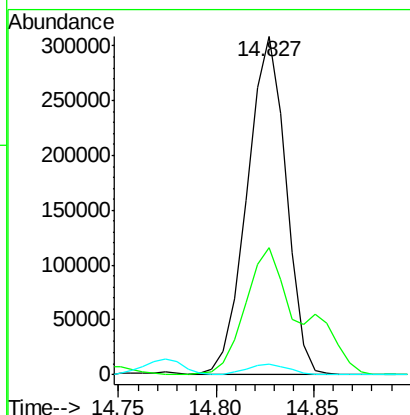
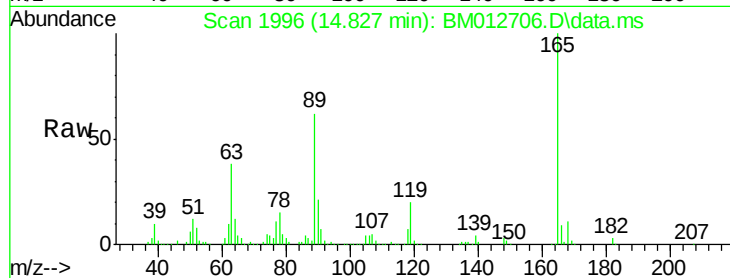




#54
2,4-Dinitrotoluene
Concen: 98.10 ng/ul
RT: 14.827 min Scan# 19
Delta R.T. 0.012 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

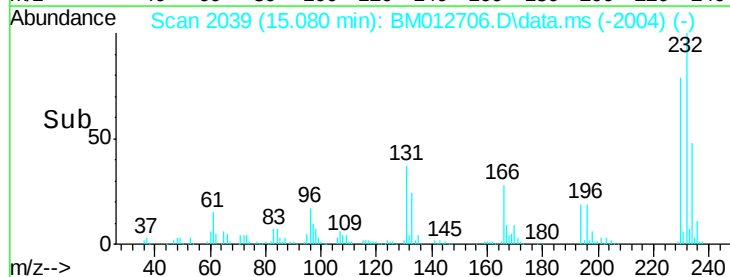
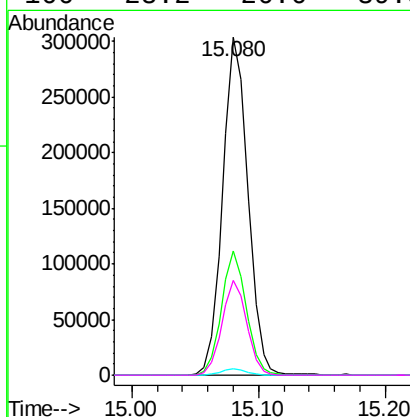
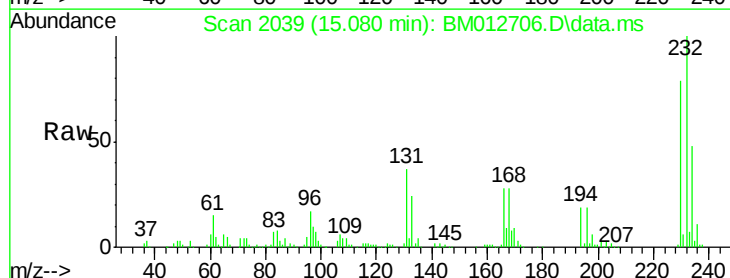
Instrument :
BNA_M
ClientSampleId :
SSTD08091

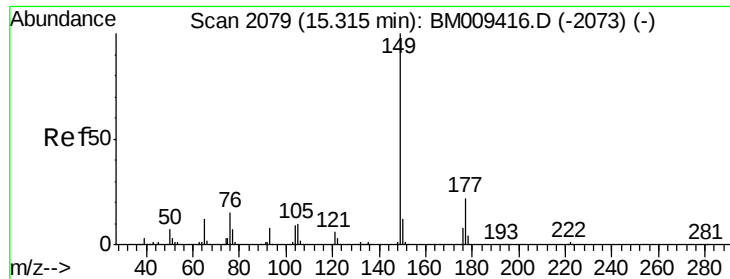
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.6	29.8	44.6
182	3.2	2.2	3.4



#55
2,3,4,6-Tetrachlorophenol
Concen: 102.43 ng/ul
RT: 15.080 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.7	39.4	59.2#
130	1.9	2.2	3.2#
166	28.2	26.6	39.8





#56

Diethylphthalate

Concen: 86.61 ng/ul

RT: 15.280 min Scan# 2079

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

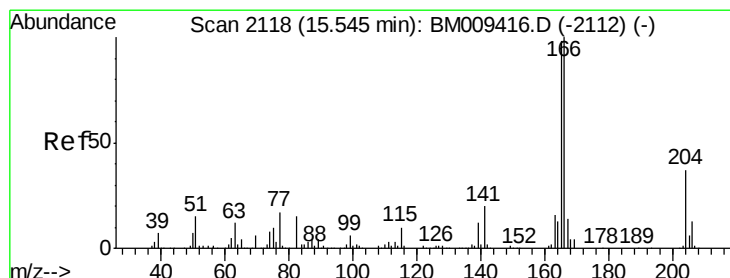
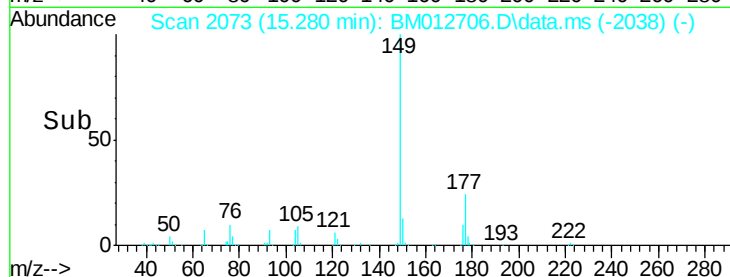
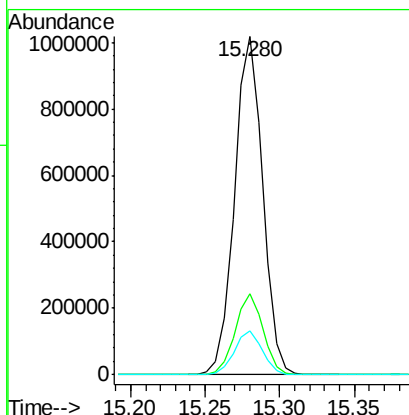
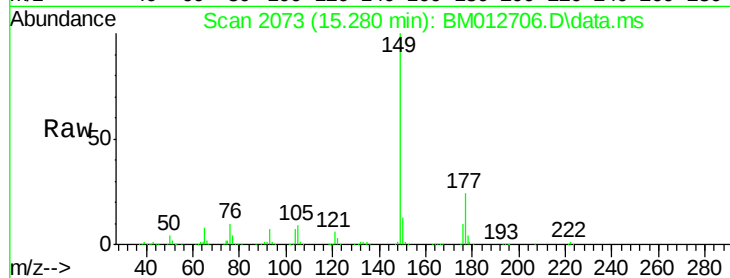
Tot Ion:149 Resp: 1337191

Ion Ratio Lower Upper

149 100

177 23.9 17.4 26.2

150 12.9 10.0 15.0



#58

Fluorene

Concen: 88.74 ng/ul

RT: 15.504 min Scan# 2111

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

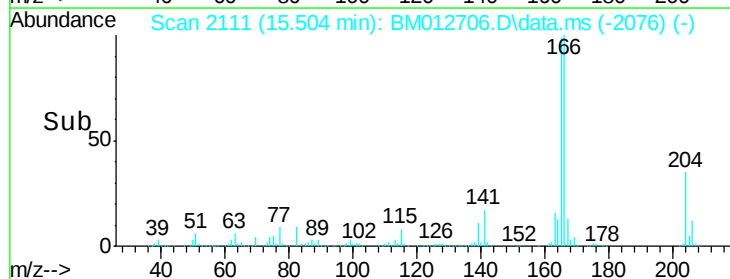
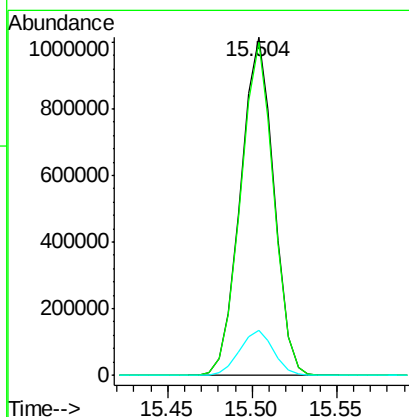
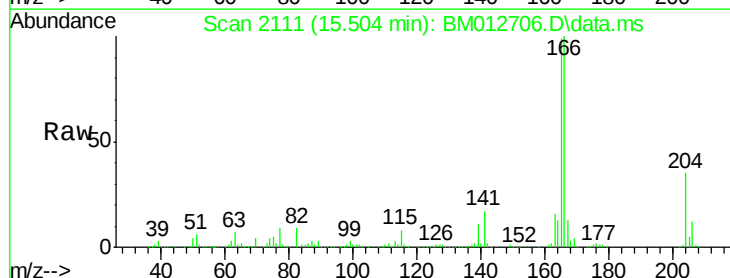
Tgt Ion:166 Resp: 1388912

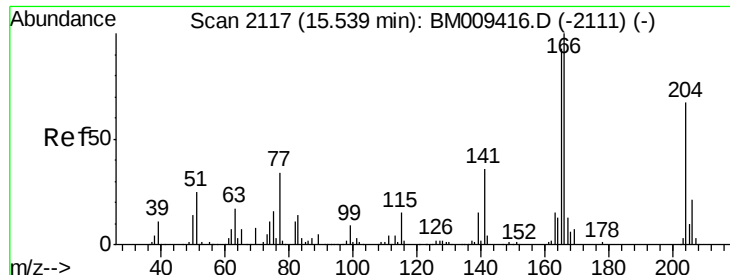
Ion Ratio Lower Upper

166 100

165 98.6 78.5 117.7

167 13.4 10.7 16.1

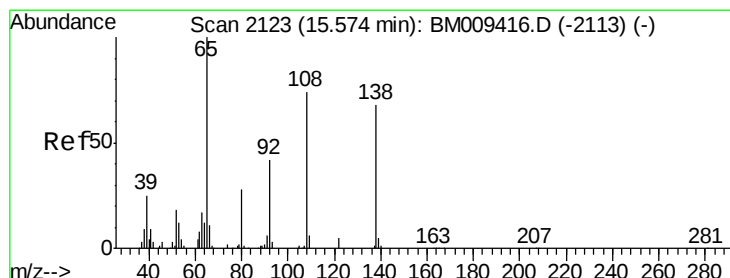
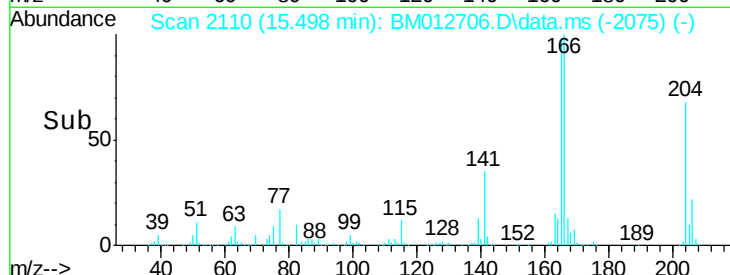
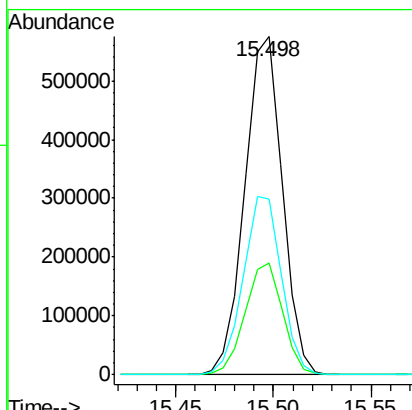
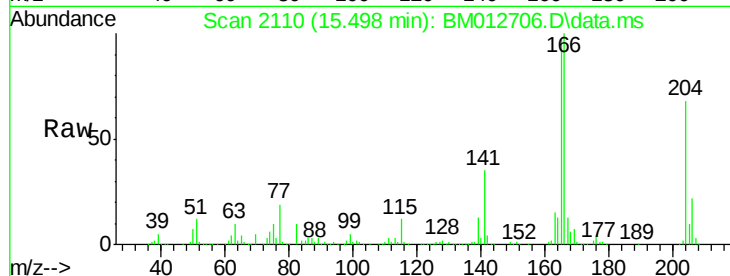




#59
4-Chlorophenyl-phenylether
Concen: 92.11 ng/ul
RT: 15.498 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

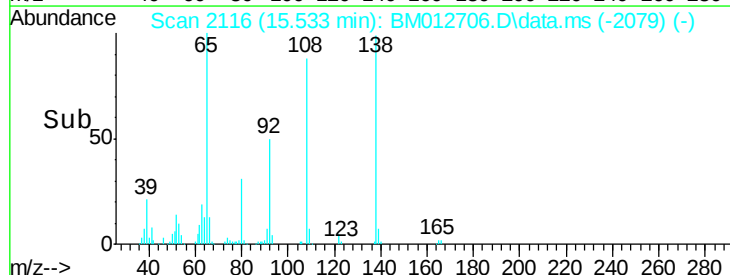
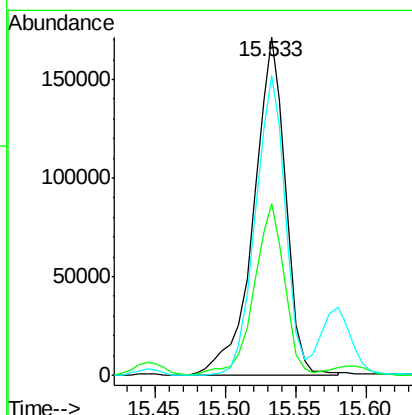
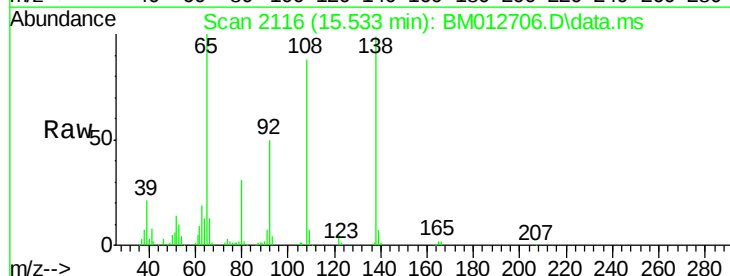
Instrument :
BNA_M
ClientSampleId :
SSTD08091

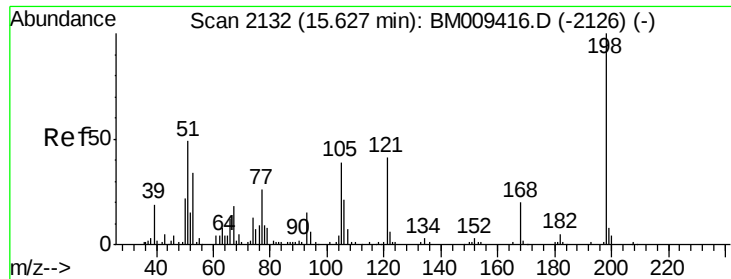
Tot Ion:204 Resp: 768746
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 52.0 54.6 81.8#



#60
4-Nitroaniline
Concen: 85.72 ng/ul
RT: 15.533 min Scan# 2116
Delta R.T. 0.017 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

Tgt Ion:138 Resp: 273101
Ion Ratio Lower Upper
138 100
92 50.7 40.6 60.8
108 88.6 67.0 100.6

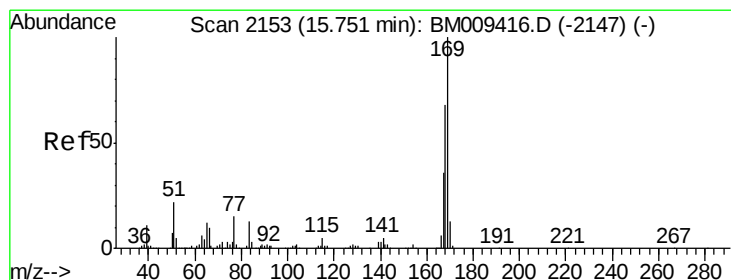
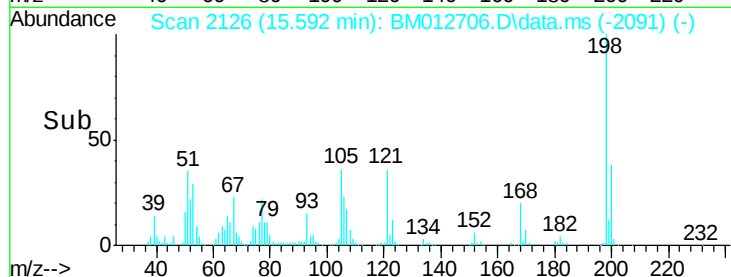
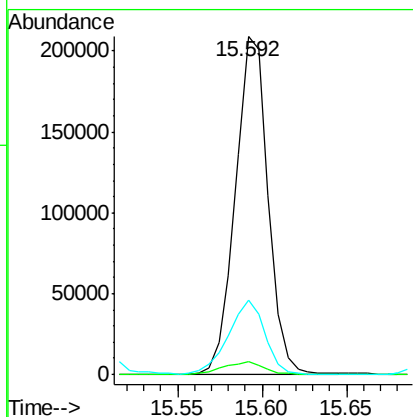
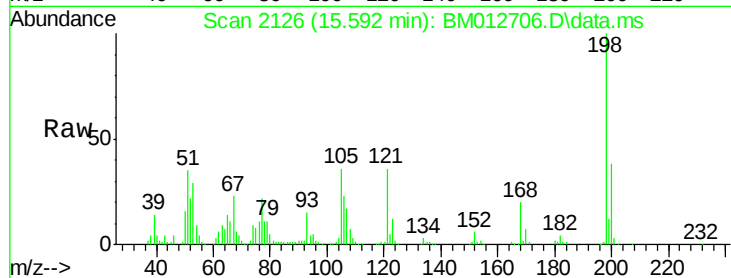




#63
 4,6-Dinitro-2-methylphenol
 Concen: 89.58 ng/ul
 RT: 15.592 min Scan# 2132
 Delta R.T. 0.006 min
 Lab File: BM012706.D
 Acq: 04 Nov 2017 14:18

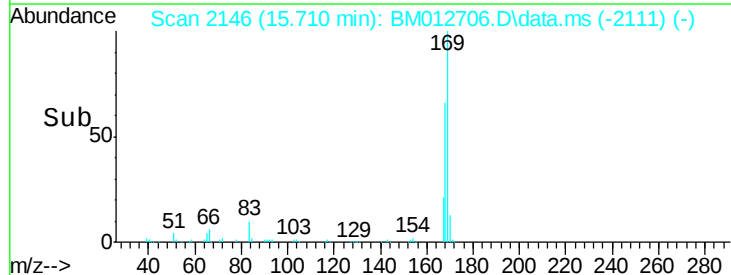
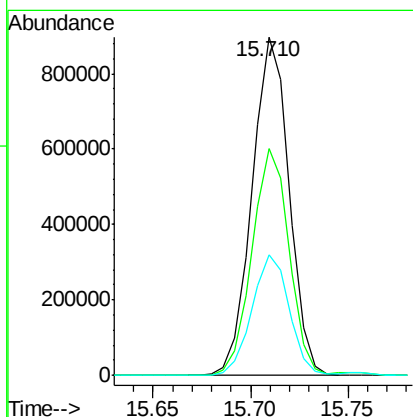
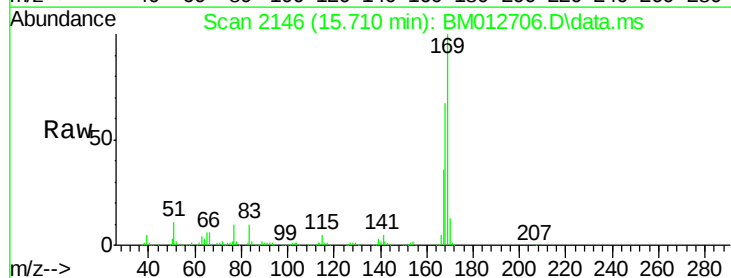
Instrument :
 BNA_M
 ClientSampleId :
 SST08091

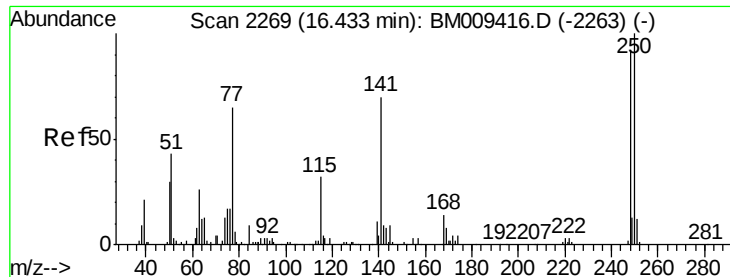
Tot Ion	Ratio	Lower	Upper
198	100		
182	3.8	3.1	4.7
77	22.1	20.1	30.1



#64
 N-Nitrosodiphenylamine
 Concen: 84.36 ng/ul
 RT: 15.710 min Scan# 2146
 Delta R.T. 0.006 min
 Lab File: BM012706.D
 Acq: 04 Nov 2017 14:18

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

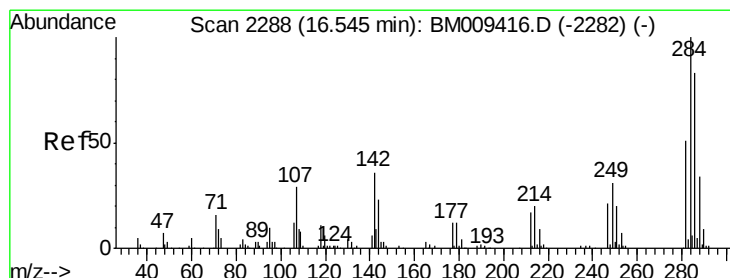
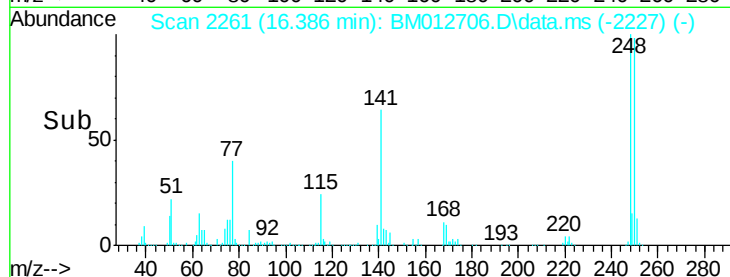
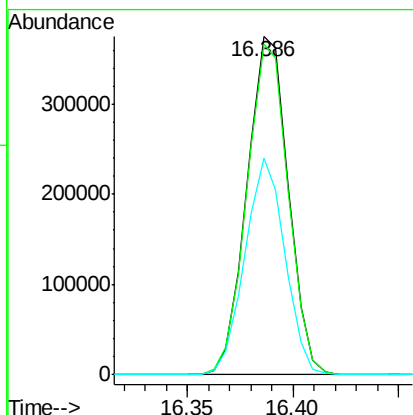
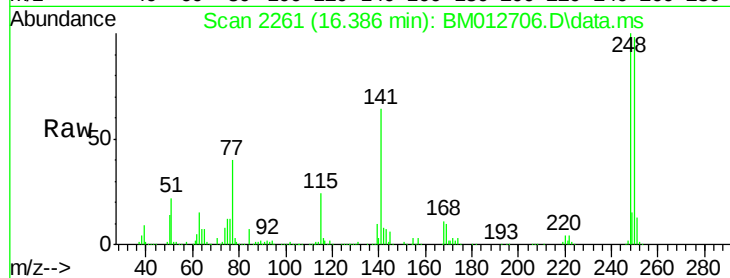




#65
4-Bromophenyl-phenylether
Concen: 98.42 ng/ul
RT: 16.386 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

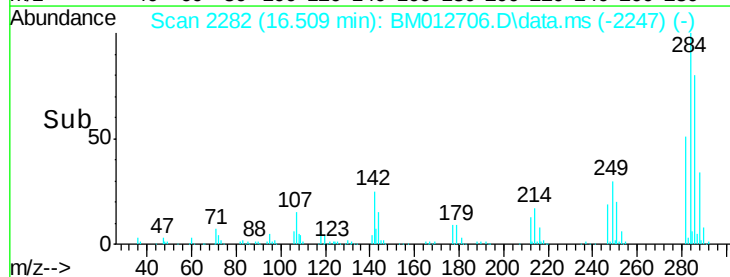
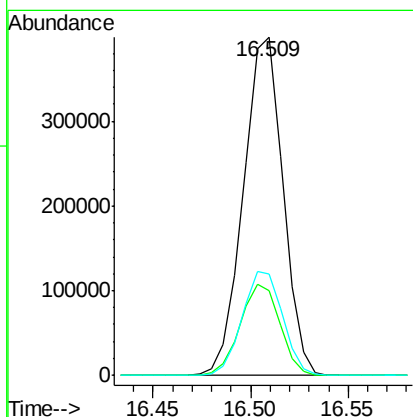
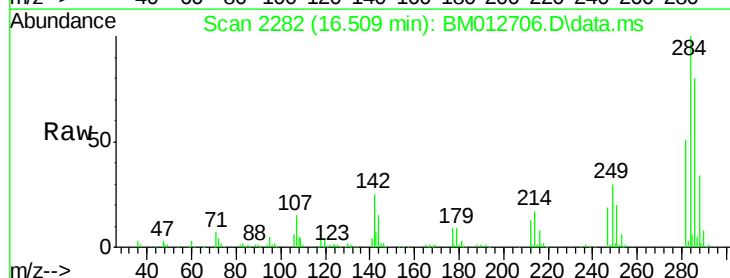
Instrument :
BNA_M
ClientSampleId :
SSTD08091

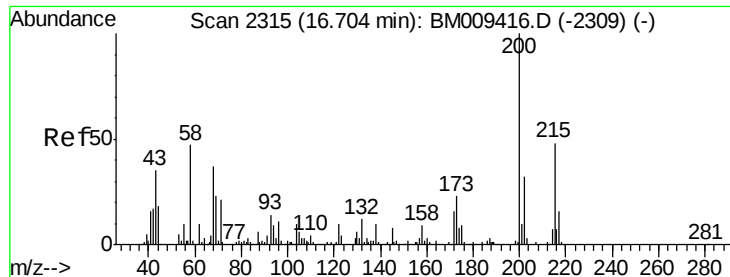
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.7	118.1
141	64.2	72.2	108.2



#66
Hexachlorobenzene
Concen: 96.46 ng/ul
RT: 16.509 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	33.1	49.7
249	30.1	27.1	40.7

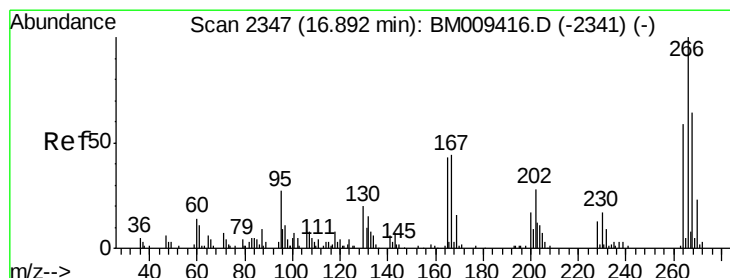
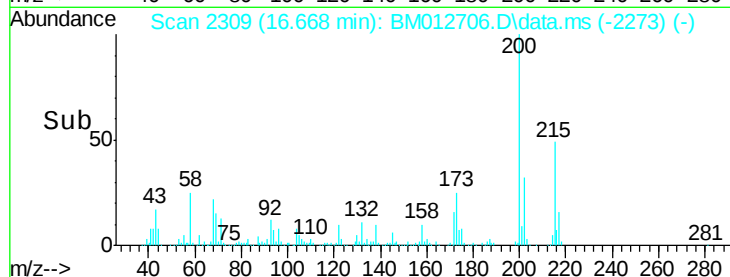
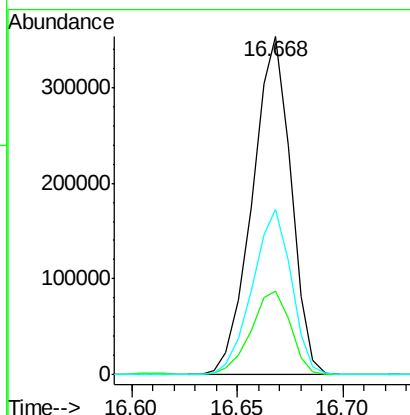
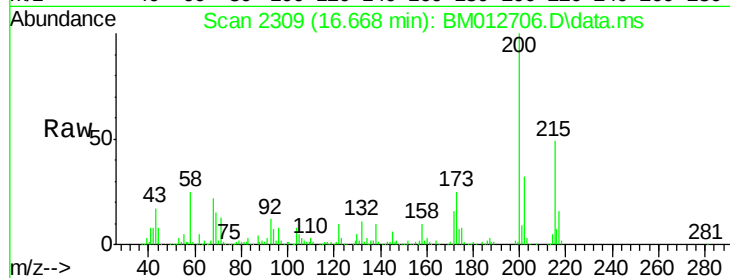




#67
 Atrazine
 Concen: 84.59 ng/ul
 RT: 16.668 min Scan# 2315
 Delta R.T. 0.012 min
 Lab File: BM012706.D
 Acq: 04 Nov 2017 14:18

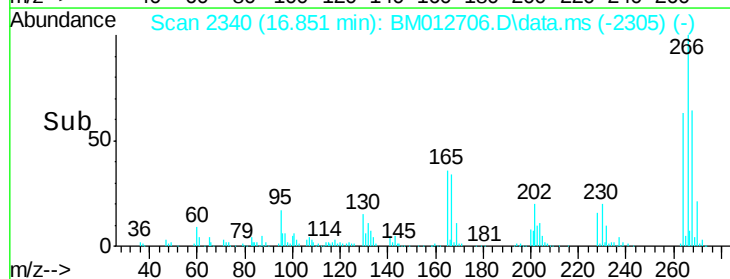
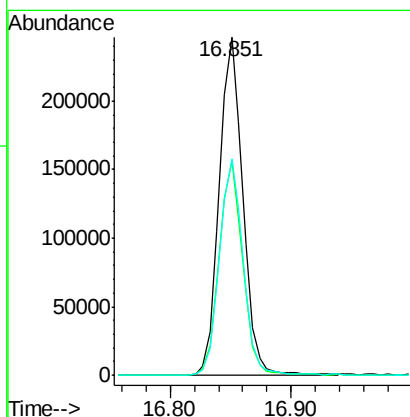
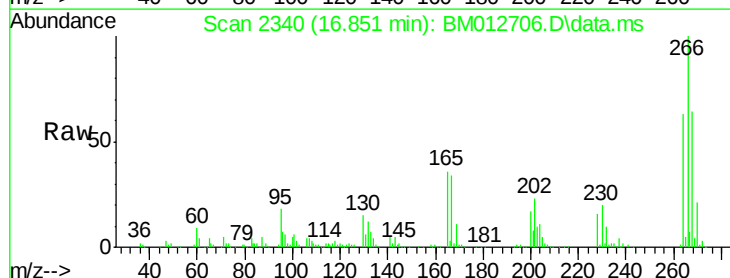
Instrument :
 BNA_M
 ClientSampleId :
 SST08091

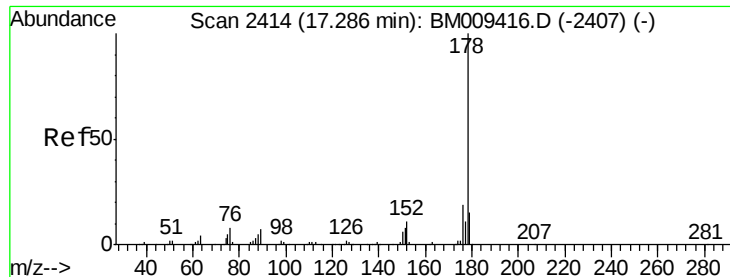
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	21.6	32.4
215	49.0	37.0	55.4



#68
 Pentachlorophenol
 Concen: 94.27 ng/ul
 RT: 16.851 min Scan# 2340
 Delta R.T. 0.006 min
 Lab File: BM012706.D
 Acq: 04 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.5	75.7
268	64.0	50.9	76.3





#69

Phenanthrene

Concen: 79.61 ng/ul

RT: 17.239 min Scan# 2414

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

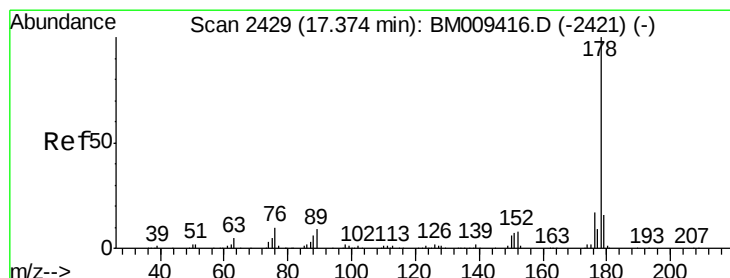
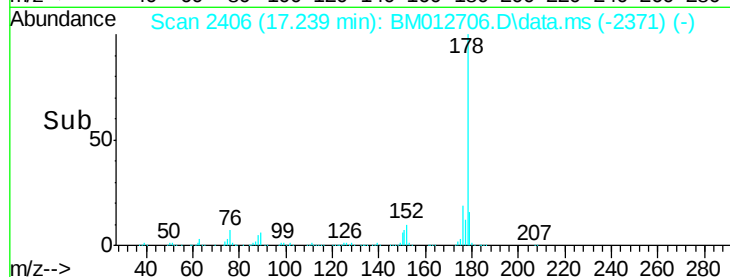
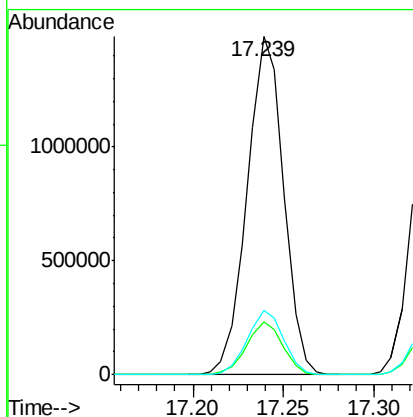
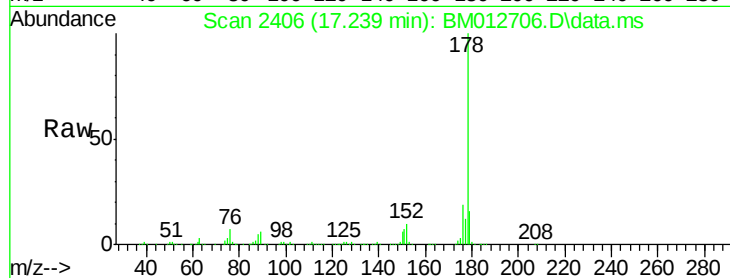
Tot Ion:178 Resp: 2072440

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.9 15.6 23.4



#71

Anthracene

Concen: 80.66 ng/ul

RT: 17.333 min Scan# 2422

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

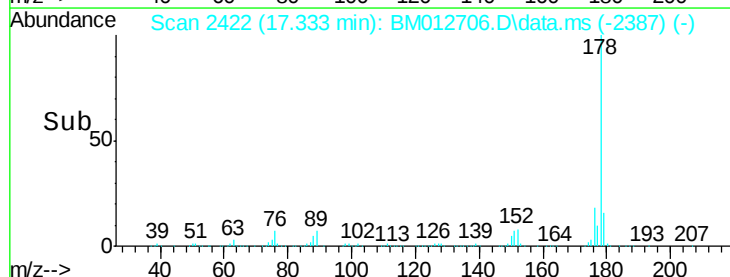
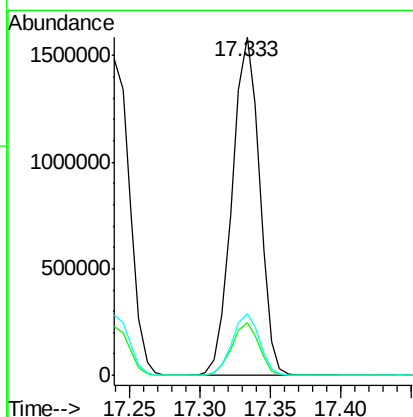
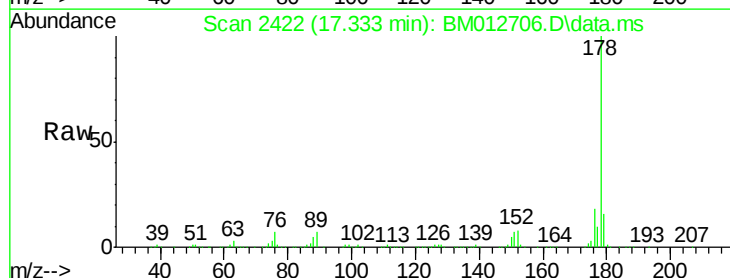
Tgt Ion:178 Resp: 2149926

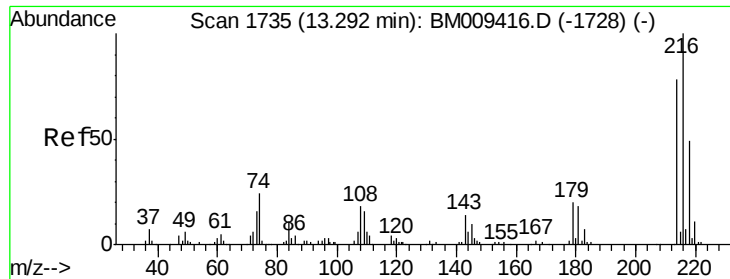
Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

176 18.3 14.8 22.2

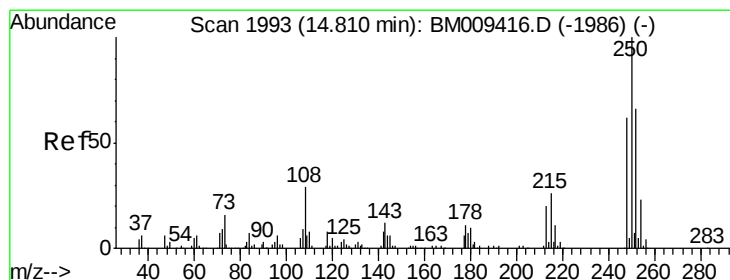
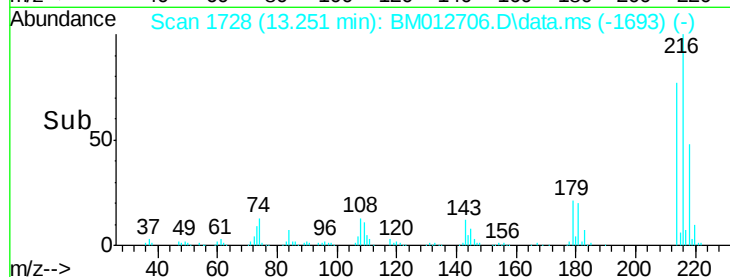
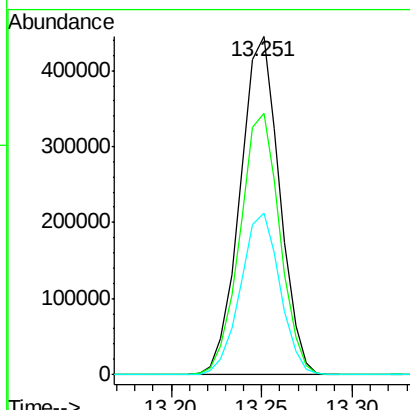
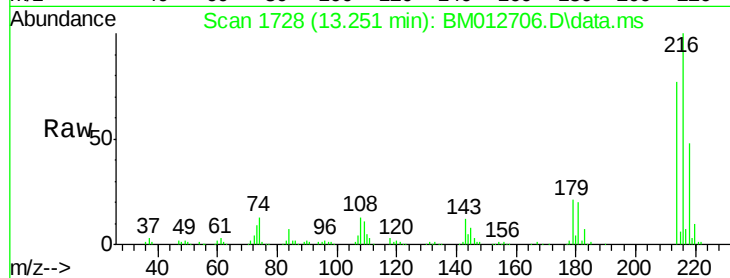




#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 98.80 ng/uL
 RT: 13.251 min Scan# 1735
 Delta R.T. 0.006 min
 Lab File: BM012706.D
 Acq: 04 Nov 2017 14:18

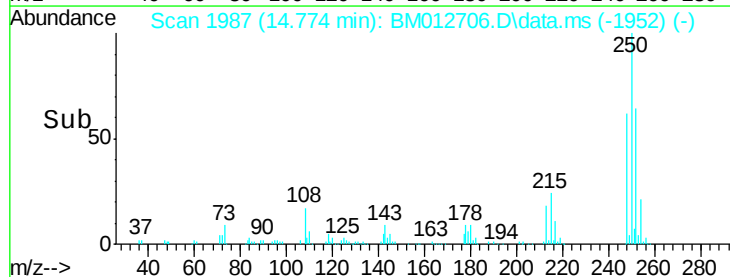
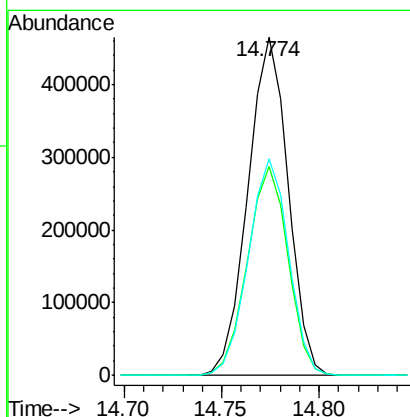
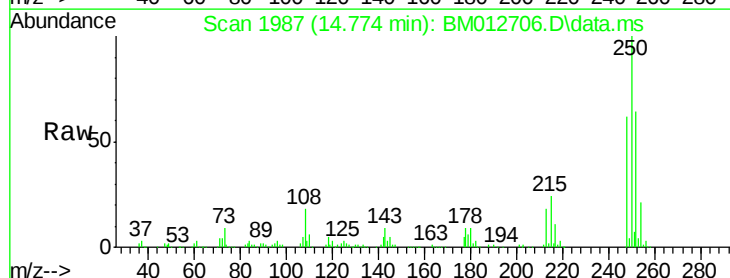
Instrument :
 BNA_M
 ClientSampleId :
 SST08091

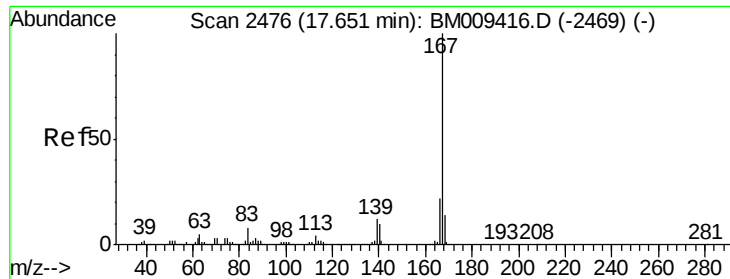
Tot Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.5	93.7
218	47.8	38.4	57.6



#73
 Pentachlorobenzene
 Concen: 98.71 ng/uL
 RT: 14.774 min Scan# 1987
 Delta R.T. 0.006 min
 Lab File: BM012706.D
 Acq: 04 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
250	100		
248	61.7	50.6	75.8
252	64.1	51.4	77.0





#74

Carbazole

Concen: 73.18 ng/ul

RT: 17.604 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

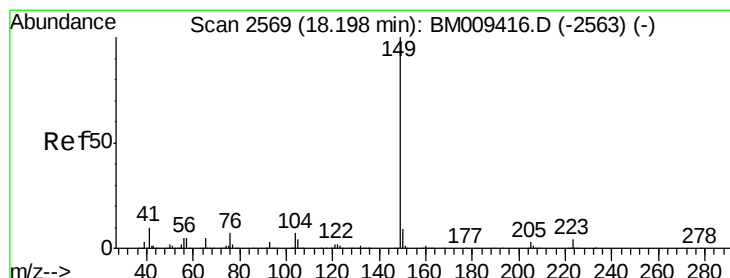
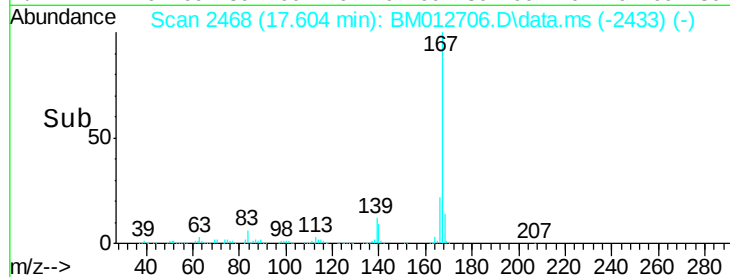
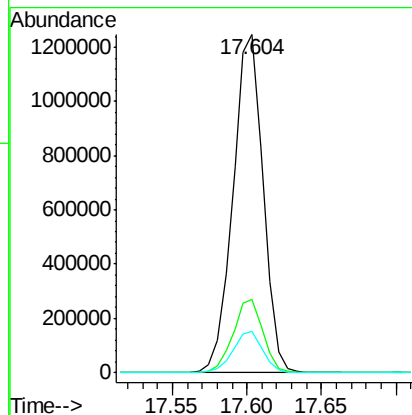
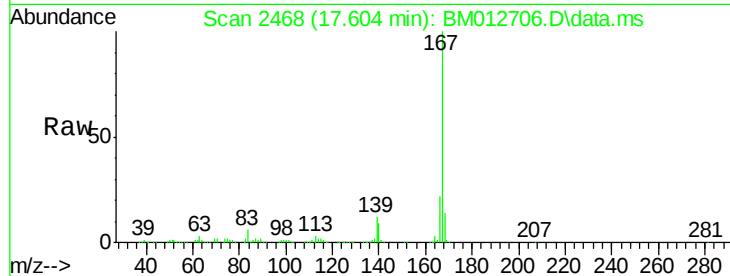
Tot Ion:167 Resp: 1758239

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 12.1 11.0 16.4



#75

Di-n-butylphthalate

Concen: 82.00 ng/ul

RT: 18.162 min Scan# 2563

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

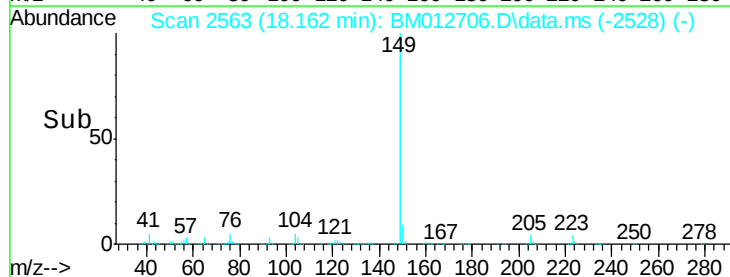
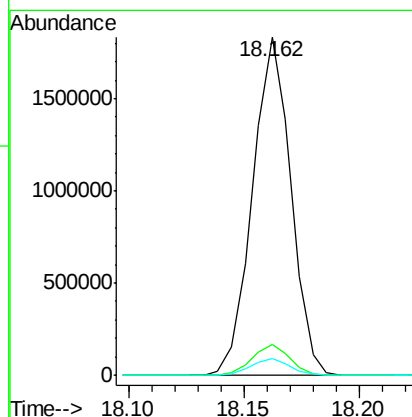
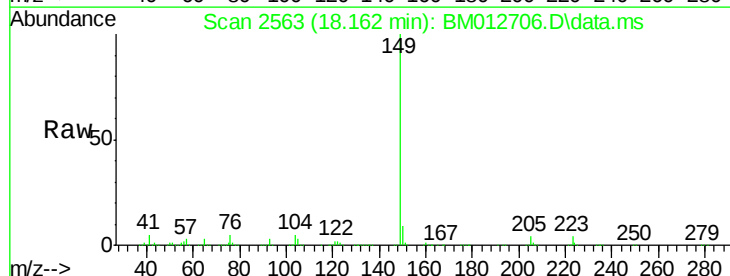
Tgt Ion:149 Resp: 2126612

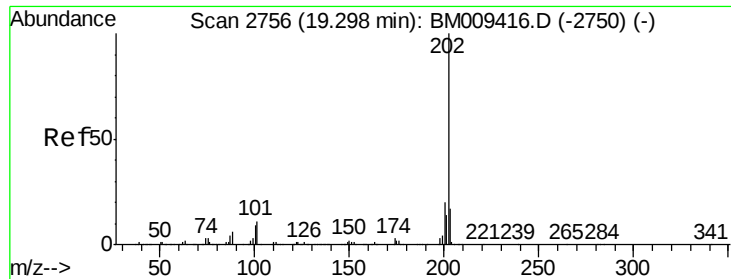
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.1 4.0 6.0

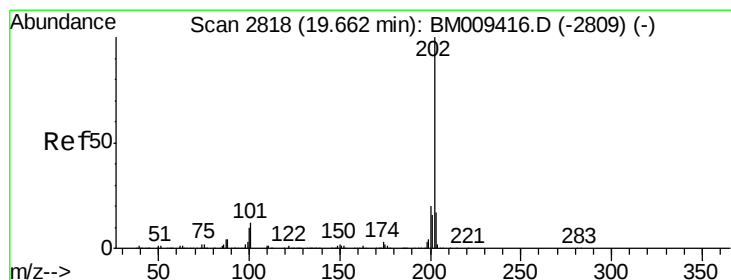
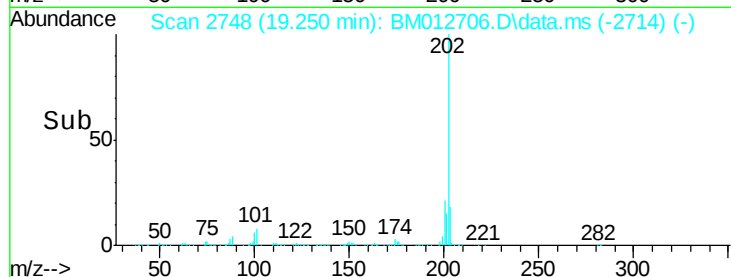
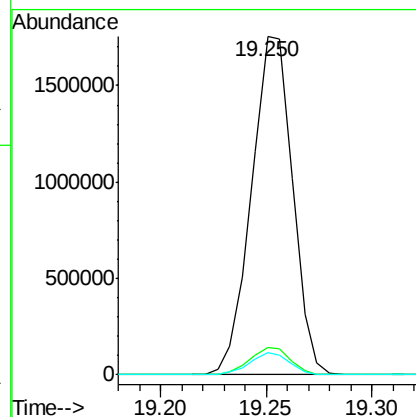
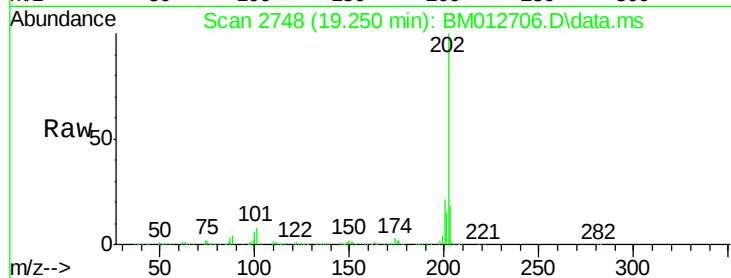




#76
Fluoranthene
Concen: 75.66 ng/ul
RT: 19.250 min Scan# 27
Delta R.T. -0.000 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

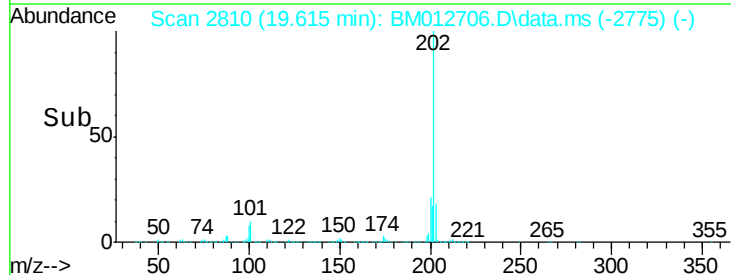
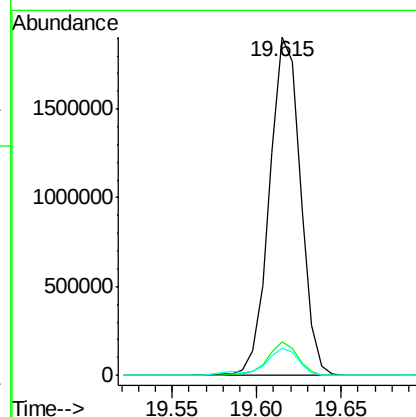
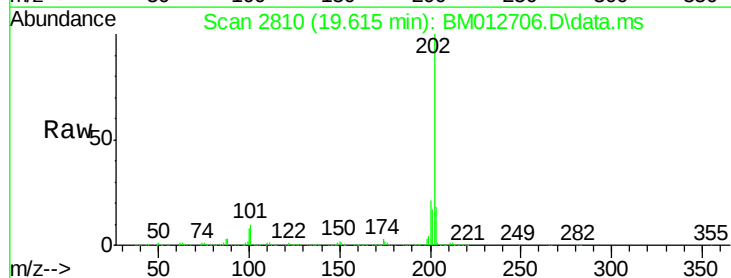
Instrument :
BNA_M
ClientSampleId :
SSTD08091

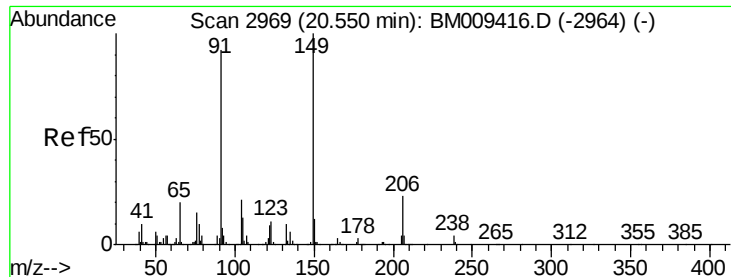
Tot Ion:202 Resp: 2380778
Ion Ratio Lower Upper
202 100
101 8.2 8.8 13.2#
100 6.4 6.6 9.8#



#79
Pyrene
Concen: 91.97 ng/ul
RT: 19.615 min Scan# 2810
Delta R.T. 0.006 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

Tgt Ion:202 Resp: 2427160
Ion Ratio Lower Upper
202 100
101 9.9 10.2 15.2#
100 8.1 8.5 12.7#

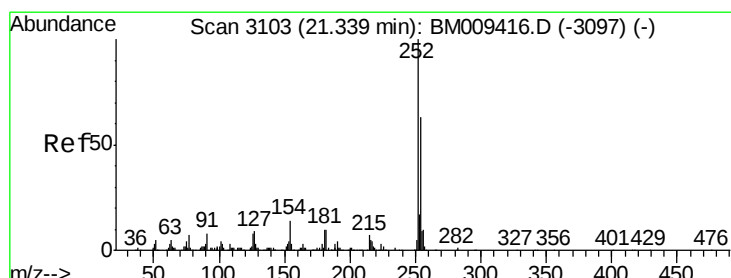
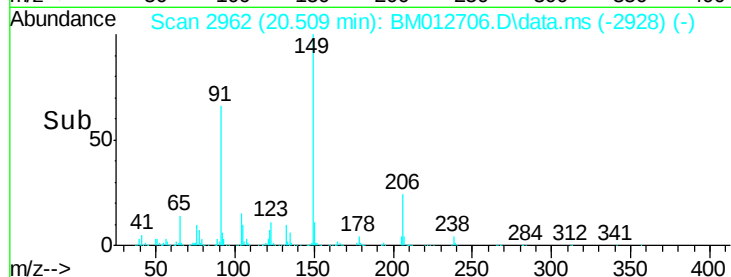
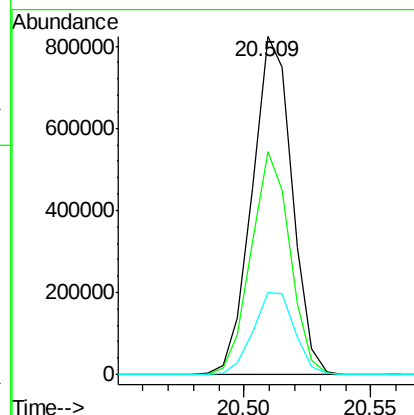
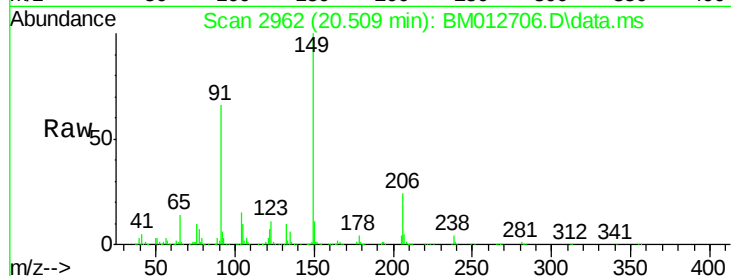




#80
Butylbenzylphthalate
Concen: 94.05 ng/ul
RT: 20.509 min Scan# 29
Delta R.T. -0.000 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

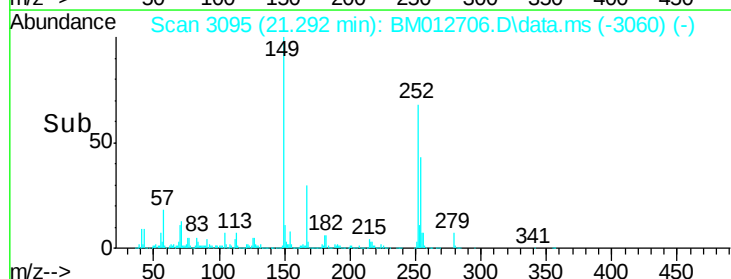
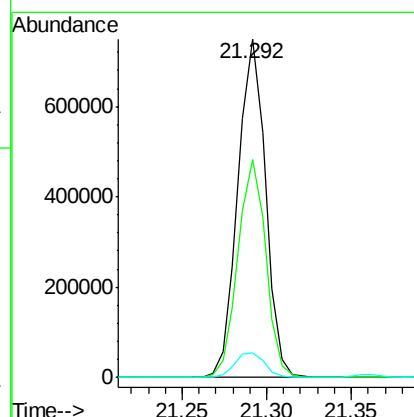
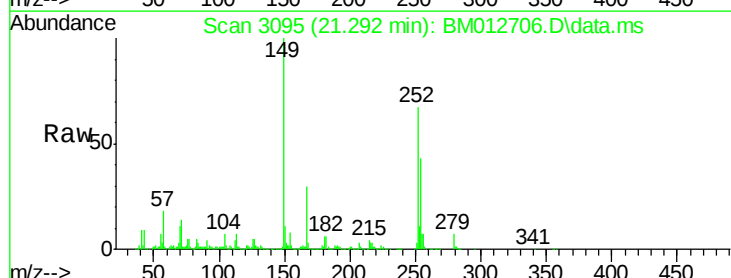
Instrument :
BNA_M
ClientSampleId :
SSTD08091

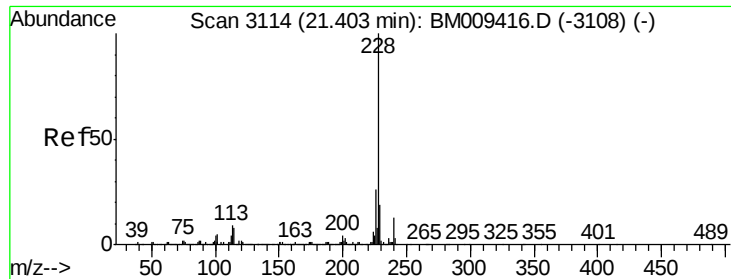
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.0	53.4	80.2
206	24.1	16.6	24.8



#81
3,3'-Dichlorobenzidine
Concen: 92.90 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BM012706.D
Acq: 04 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.2	78.2
126	7.4	9.4	14.2





#82

Benzo(a)anthracene

Concen: 87.28 ng/ul

RT: 21.362 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

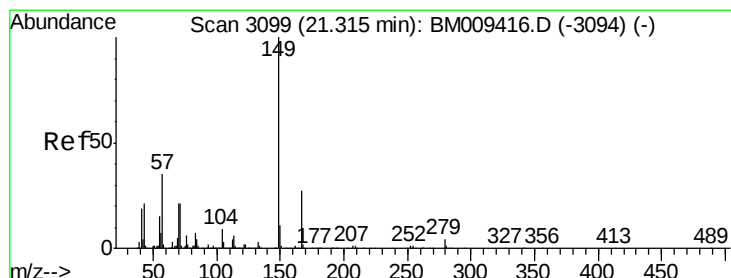
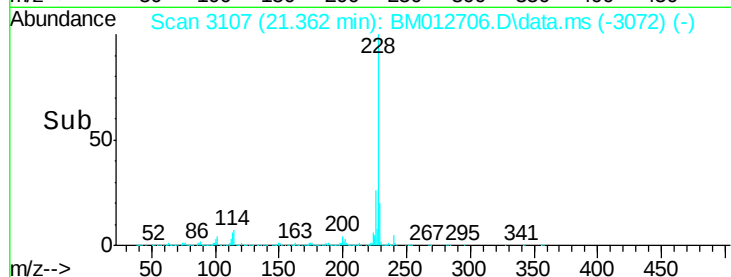
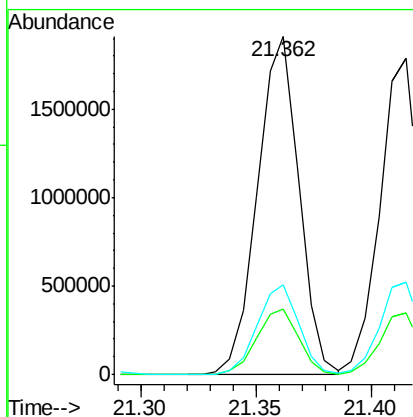
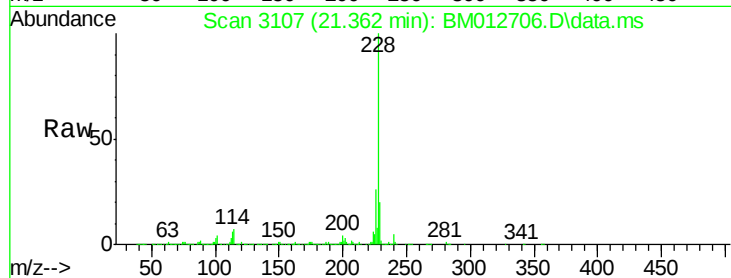
Tot Ion:228 Resp: 2384034

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

226 26.5 21.8 32.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 93.90 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

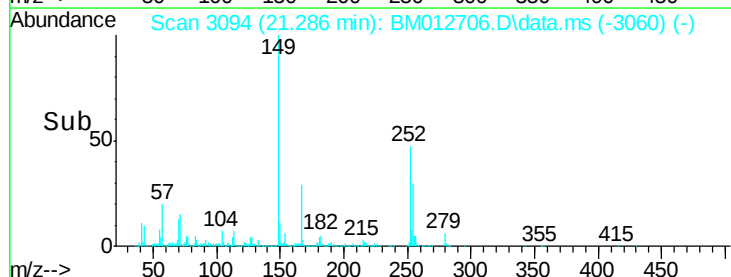
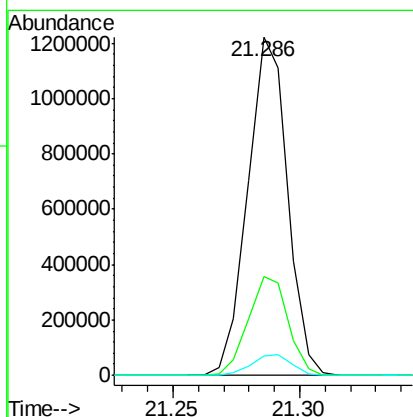
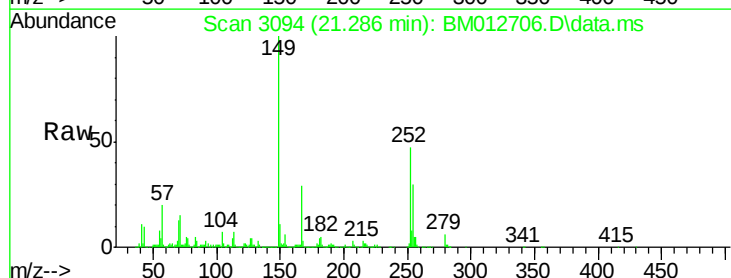
Tgt Ion:149 Resp: 1326795

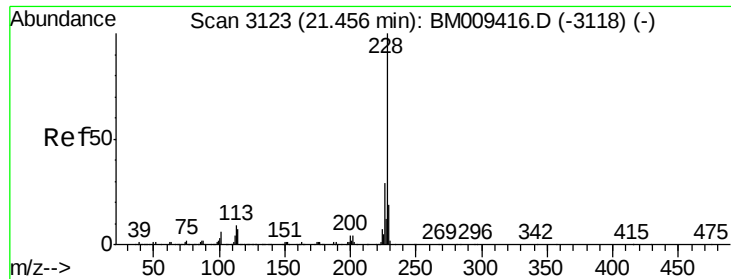
Ion Ratio Lower Upper

149 100

167 29.1 21.6 32.4

279 5.6 3.0 4.4#





#84

Chrysene

Concen: 83.01 ng/ul

RT: 21.415 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

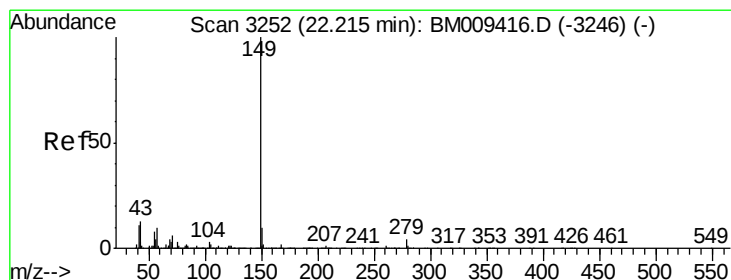
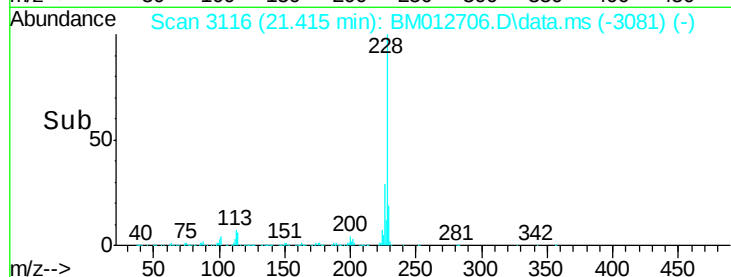
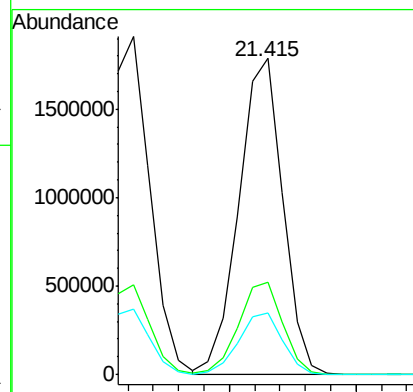
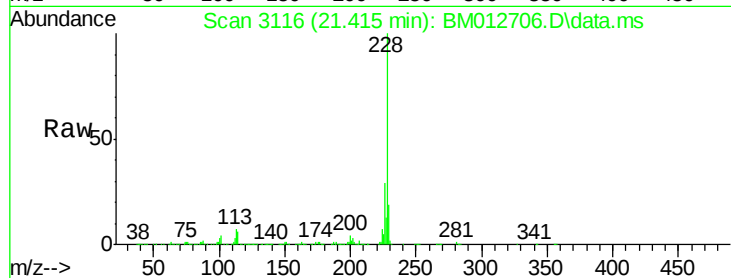
Tot Ion:228 Resp: 2148760

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

229 19.3 15.6 23.4



#86

Di-n-octyl phthalate

Concen: 77.96 ng/ul

RT: 22.180 min Scan# 3246

Delta R.T. 0.006 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

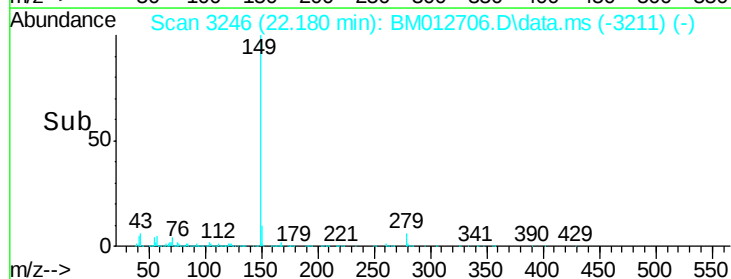
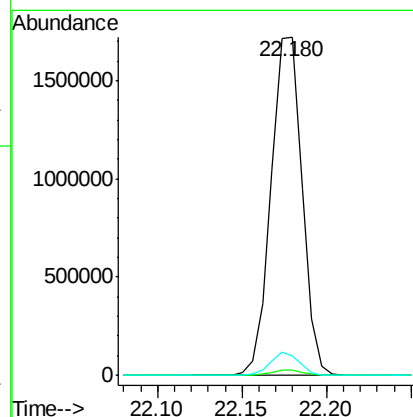
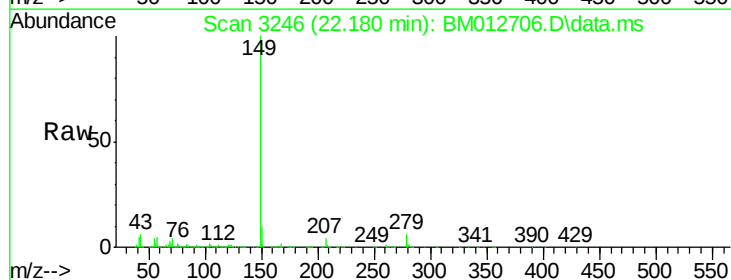
Tgt Ion:149 Resp: 2194242

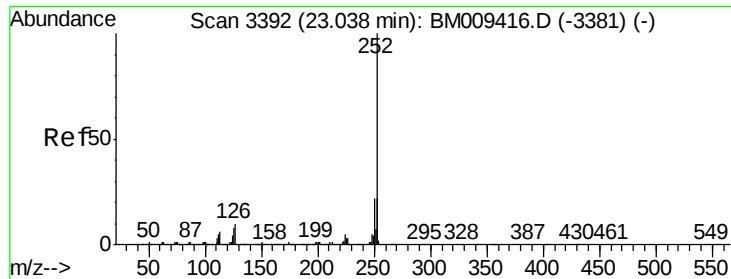
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 5.8 5.6 8.4





#87

Benzo(b)fluoranthene

Concen: 84.94 ng/ul

RT: 22.974 min Scan# 33

Delta R.T. 0.012 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

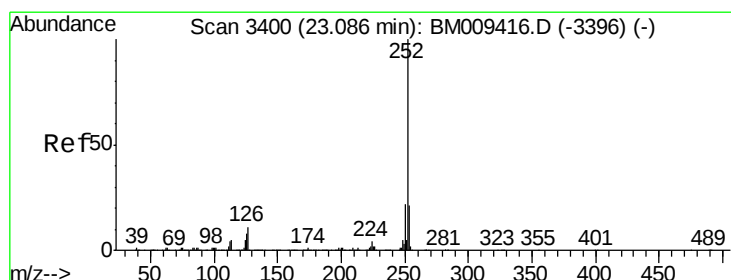
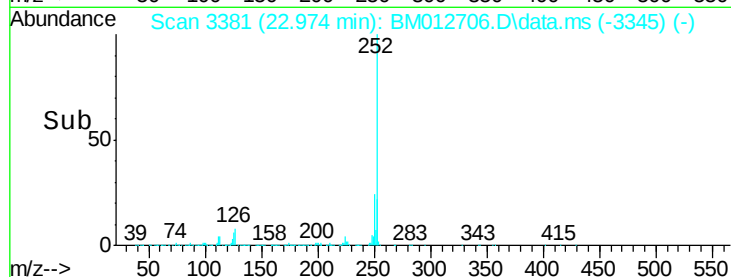
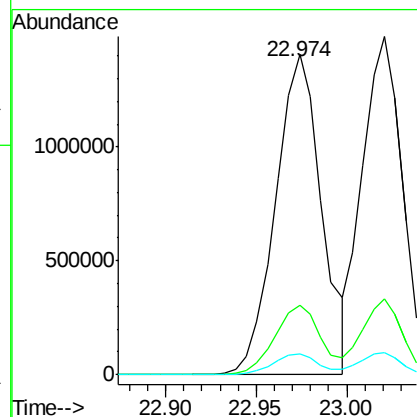
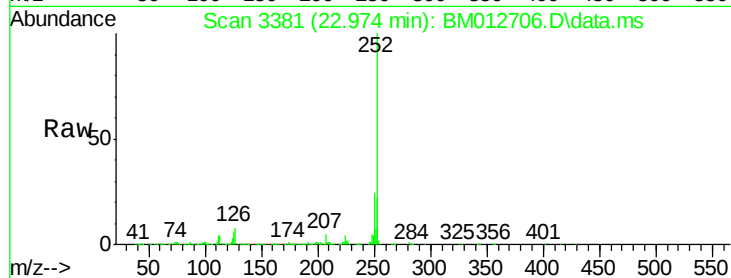
Tot Ion:252 Resp: 2487757

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 6.4 8.5 12.7#



#88

Benzo(k)fluoranthene

Concen: 81.77 ng/ul

RT: 23.021 min Scan# 3389

Delta R.T. 0.012 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

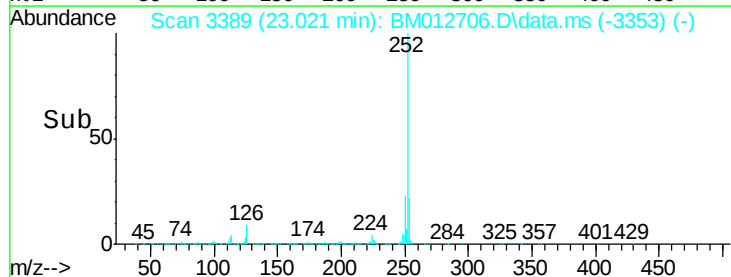
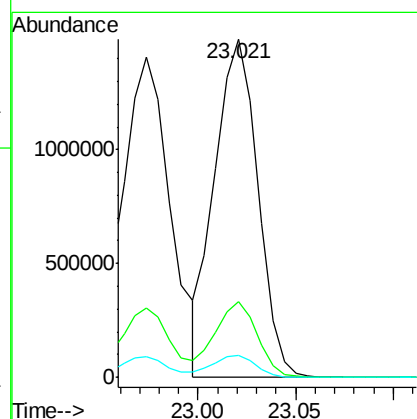
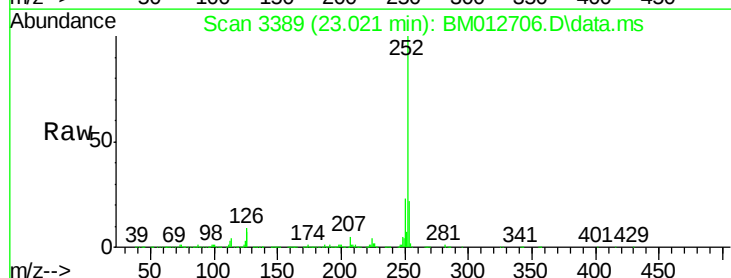
Tgt Ion:252 Resp: 2281432

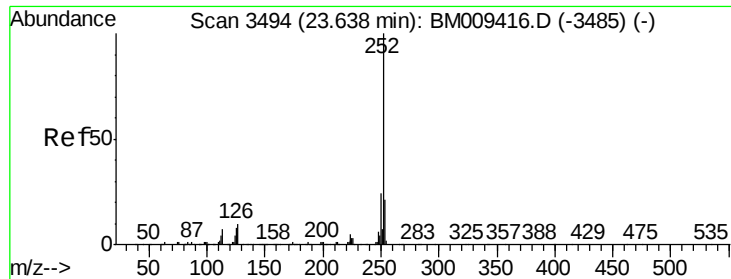
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 6.6 8.2 12.2#





#90

Benzo(a)pyrene

Concen: 82.85 ng/ul

RT: 23.568 min Scan# 34

Delta R.T. 0.017 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

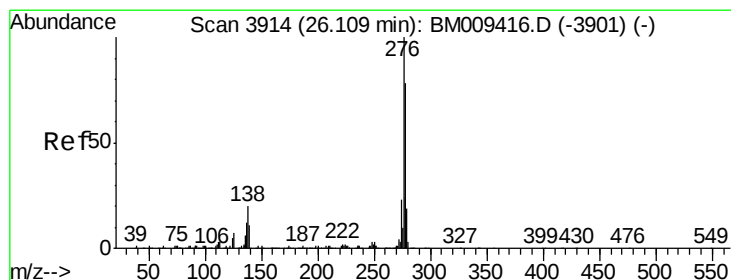
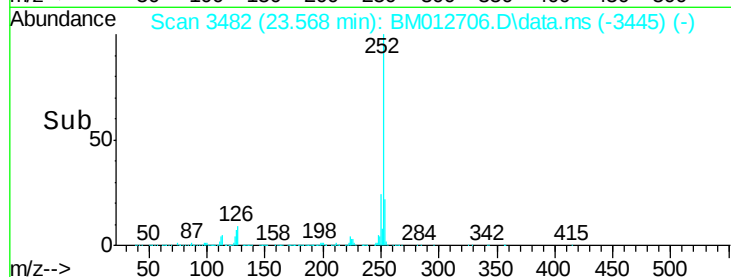
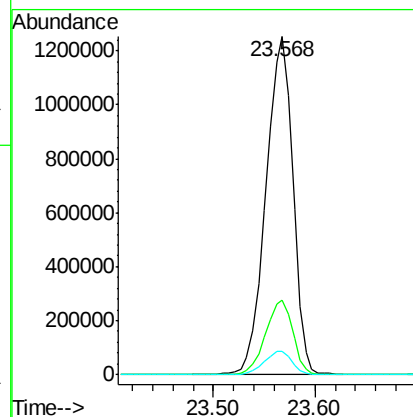
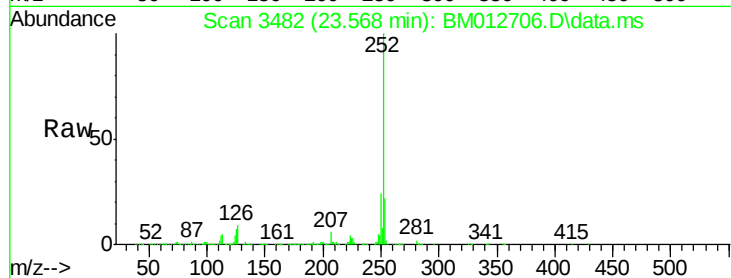
Tot Ion:252 Resp: 2313505

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 7.0 9.0 13.6#



#91

Indeno(1,2,3-cd)pyrene

Concen: 90.04 ng/ul

RT: 25.985 min Scan# 3893

Delta R.T. 0.023 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

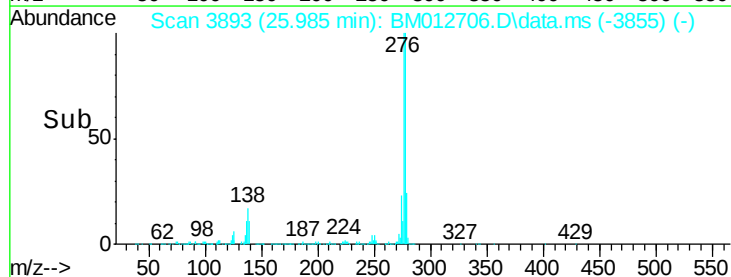
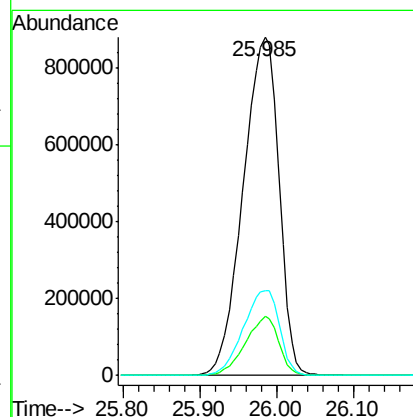
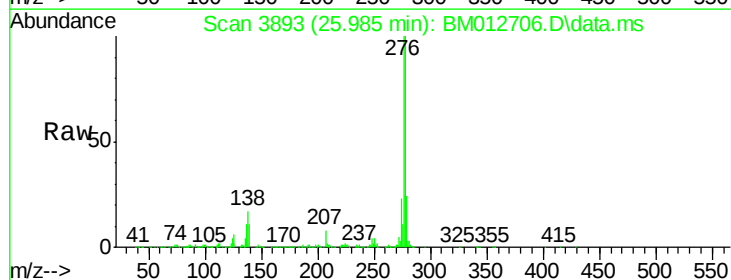
Tgt Ion:276 Resp: 2862932

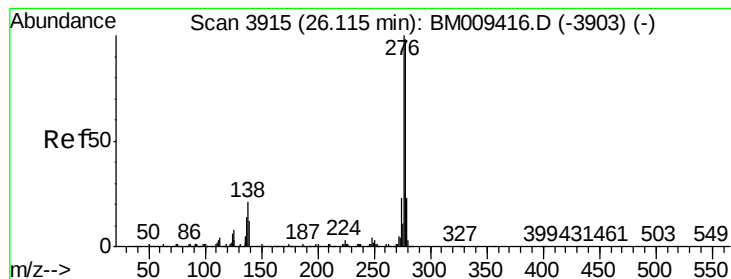
Ion Ratio Lower Upper

276 100

138 17.4 22.3 33.5#

277 25.2 20.2 30.2





#92

Dibenzo(a,h)anthracene

Concen: 88.59 ng/ul

RT: 25.991 min Scan# 38

Delta R.T. 0.017 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Instrument :

BNA_M

ClientSampleId :

SSTD08091

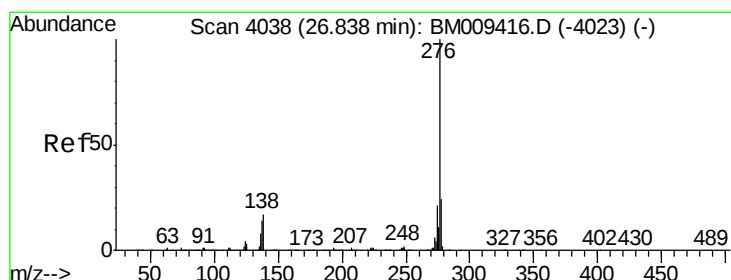
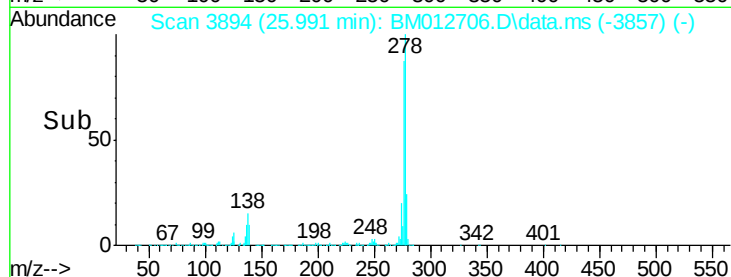
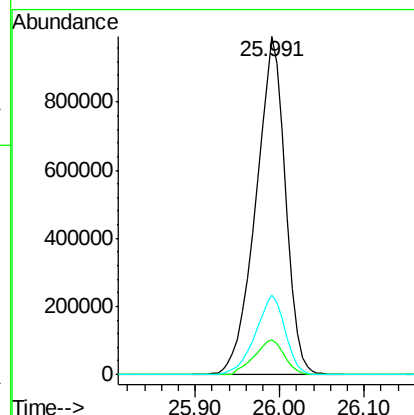
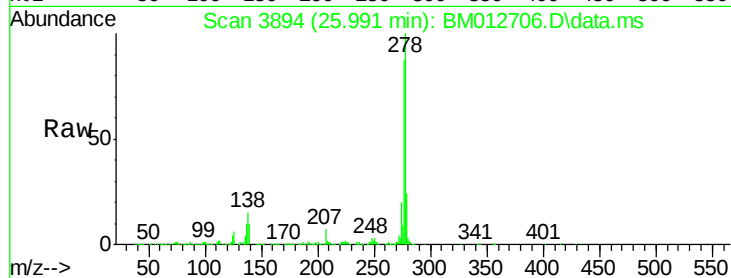
Tot Ion:278 Resp: 2413292

Ion Ratio Lower Upper

278 100

139 10.2 13.9 20.9#

279 23.7 19.0 28.4



#93

Benzo(g,h,i)perylene

Concen: 88.62 ng/ul

RT: 26.697 min Scan# 4014

Delta R.T. 0.029 min

Lab File: BM012706.D

Acq: 04 Nov 2017 14:18

Tgt Ion:276 Resp: 2347323

Ion Ratio Lower Upper

276 100

138 13.5 18.9 28.3#

277 23.2 19.2 28.8

