

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM110417\
 Data File : BM012702.D
 Acq On : 04 Nov 2017 11:56
 Operator : SJ/JU
 Sample : SSTD00587
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00587

Quant Time: Nov 04 14:26:35 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	80729	20.00	ng/ul	0.00
18) Naphthalene-d8	10.604	136	323246	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.451	164	203138	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.192	188	480790	20.00	ng/ul	0.00
77) Chrysene-d12	21.368	240	507813	20.00	ng/ul	0.00
85) Perylene-d12	23.650	264	494431	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.305	96	3221	1.52	ng/uL	0.00
5) Phenol-d5	6.987	99	28706	3.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.145	67	16821	3.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.345	132	24005	4.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.516	113	24299	4.46	ng/ul	0.00
19) Nitrobenzene-d5	8.969	128	11393	4.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.692	143	12517	4.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.228	165	26784	5.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.739	131	24612	4.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.857	166	87025	6.09	ng/ul	0.00
46) Acenaphthylene-d8	14.139	160	102055	5.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.657	143	11690	4.44	ng/ul	0.00
57) Fluorene-d10	15.439	176	73413	5.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.568	200	11774	3.87	ng/ul	0.00
70) Anthracene-d10	17.292	188	118263	5.16	ng/ul	0.00
78) Pyrene-d10	19.586	212	124008	5.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.503	264	117981	5.18	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.340	88	3619	1.53	ng/uL	92
4) Benzaldehyde	6.957	77	19967	3.90	ng/ul	96
6) Phenol	7.010	94	30301	3.88	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.240	93	23612	3.88	ng/ul	93
10) 2-Chlorophenol	7.381	128	25449	4.87	ng/ul	98
11) 2-Methylphenol	8.257	108	21939	4.06	ng/ul	98
12) 2,2'-oxybis(1-Chloropr...	8.351	45	19023	1.93	ng/ul#	84
14) Acetophenone	8.634	105	39507	4.25	ng/ul	94
15) N-Nitroso-di-n-propyla...	8.616	70	19060	3.55	ng/ul	96
16) 4-Methylphenol	8.587	108	24837	4.23	ng/ul	97
17) Hexachloroethane	8.887	117	10340	4.10	ng/ul#	79
20) Nitrobenzene	9.010	77	28007	3.50	ng/ul	94
21) Isophorone	9.539	82	50197	3.77	ng/ul	97
23) 2-Nitrophenol	9.722	139	13781	5.06	ng/ul	94
24) 2,4-Dimethylphenol	9.781	107	29568	4.39	ng/ul	97
25) Bis(2-Chloroethoxy)met...	10.016	93	32377	4.19	ng/ul	98
27) 2,4-Dichlorophenol	10.251	162	26850	5.28	ng/ul	93
28) Naphthalene	10.651	128	82387	5.04	ng/ul	100
30) 4-Chloroaniline	10.763	127	23792	3.87	ng/ul	98
31) Hexachlorobutadiene	10.939	225	21894	5.50	ng/ul	93
32) Caprolactam	11.551	113	6728	4.29	ng/ul#	77
33) 4-Chloro-3-methylphenol	11.892	107	25385	4.45	ng/ul	96
34) 2-Methylnaphthalene	12.263	142	62358	5.29	ng/ul	99

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

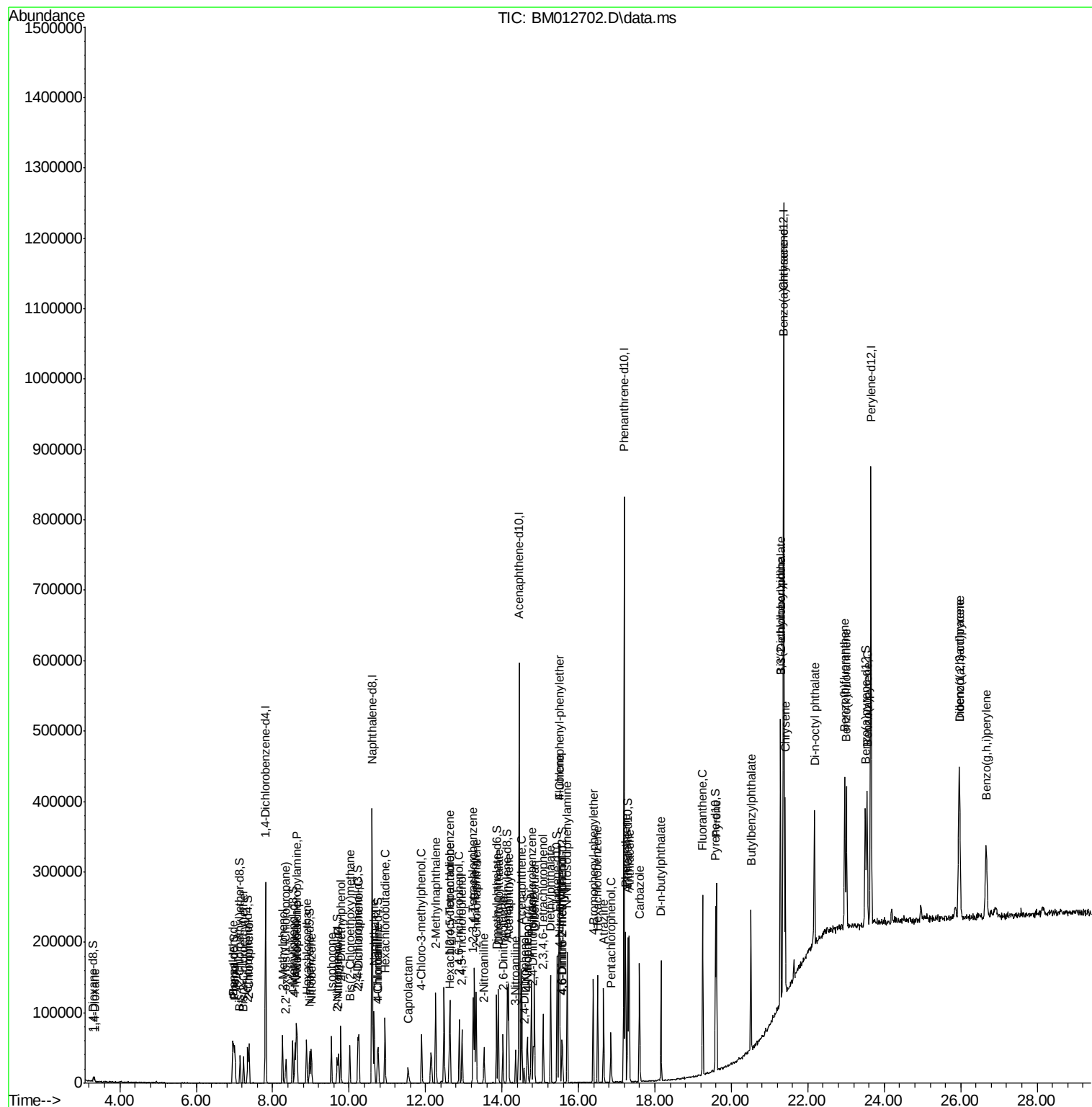
36) 1,2,4,5-Tetrachloroben...	12.633	216	39163	5.74	ng/ul#	98
37) Hexachlorocyclopentadiene	12.616	237	11370	2.66	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.880	196	24006	6.01	ng/ul	99
39) 2,4,5-Trichlorophenol	12.957	196	25293	5.87	ng/ul	97
40) 1,1'-Biphenyl	13.280	154	84989	5.66	ng/ul	97
41) 2-Chloronaphthalene	13.322	162	67654	5.79	ng/ul	93
42) 2-Nitroaniline	13.527	65	14235	3.31	ng/ul	92
44) Dimethylphthalate	13.904	163	85380	5.99	ng/ul	97
45) 2,6-Dinitrotoluene	14.027	165	15173	5.51	ng/ul	96
47) Acenaphthylene	14.169	152	100155	5.61	ng/ul	99
48) 3-Nitroaniline	14.357	138	12251	4.31	ng/ul#	88
49) Acenaphthene	14.516	153	70486	5.62	ng/ul	96
50) 2,4-Dinitrophenol	14.574	184	6846	3.62	ng/ul#	84
52) 4-Nitrophenol	14.669	109	10686	3.46	ng/ul	89
53) Dibenzofuran	14.851	168	101933	5.61	ng/ul	94
54) 2,4-Dinitrotoluene	14.816	165	23143	5.62	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.080	232	22747	5.85	ng/ul#	80
56) Diethylphthalate	15.268	149	83574	5.72	ng/ul	100
58) Fluorene	15.498	166	84801	5.72	ng/ul	99
59) 4-Chlorophenyl-phenyle...	15.492	204	48854	6.18	ng/ul#	86
60) 4-Nitroaniline	15.515	138	14492	4.80	ng/ul	93
63) 4,6-Dinitro-2-methylph...	15.586	198	12939	3.96	ng/ul#	87
64) N-Nitrosodiphenylamine	15.704	169	73574	5.07	ng/ul	96
65) 4-Bromophenyl-phenylether	16.386	248	31662	5.88	ng/ul#	86
66) Hexachlorobenzene	16.504	284	35505	5.85	ng/ul#	85
67) Atrazine	16.657	200	28391	5.13	ng/ul	91
68) Pentachlorophenol	16.851	266	16570	4.51	ng/ul	97
69) Phenanthrene	17.233	178	132603	4.90	ng/ul	98
71) Anthracene	17.327	178	133879	4.83	ng/ul	97
72) 1,2,3,4-Tetrachloroben...	13.245	216	38133	5.39	ng/uL	99
73) Pentachlorobenzene	14.768	250	40544	5.80	ng/uL	98
74) Carbazole	17.598	167	110926	4.44	ng/ul	98
75) Di-n-butylphthalate	18.162	149	127704	4.74	ng/ul	99
76) Fluoranthene	19.251	202	154301	4.72	ng/ul#	92
79) Pvrene	19.609	202	161633	5.79	ng/ul#	93
80) Butylbenzylphthalate	20.509	149	54892	5.39	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.286	252	50592	5.19	ng/ul#	98
82) Benzo(a)anthracene	21.356	228	158191	5.48	ng/ul	99
83) Bis(2-ethylhexyl)phtha...	21.286	149	78076	5.23	ng/ul#	95
84) Chrysene	21.403	228	143162	5.23	ng/ul	98
86) Di-n-octyl phthalate	22.174	149	127831	4.45	ng/ul#	99
87) Benzo(b)fluoranthene	22.962	252	151919	5.09	ng/ul#	95
88) Benzo(k)fluoranthene	23.009	252	145390	5.11	ng/ul#	97
90) Benzo(a)pyrene	23.550	252	143519	5.04	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.956	276	170574	5.26	ng/ul#	85
92) Dibenzo(a,h)anthracene	25.968	278	144016	5.19	ng/ul#	91
93) Benzo(g,h,i)perylene	26.662	276	142287	5.27	ng/ul#	89

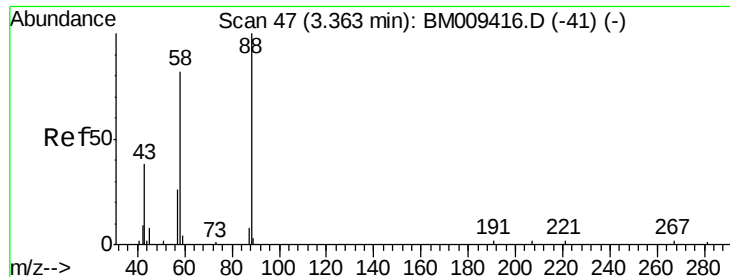
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#2

1,4-Dioxane

Concen: 1.53 ng/uL

RT: 3.340 min Scan# 43

Delta R.T. 0.006 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

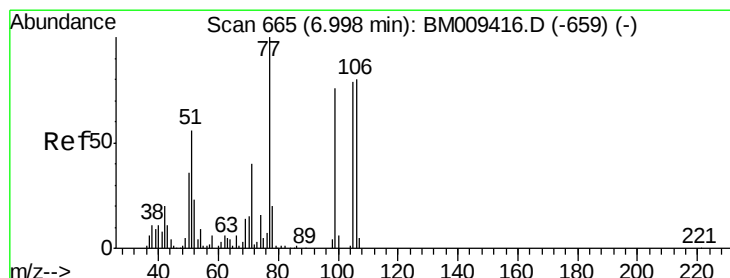
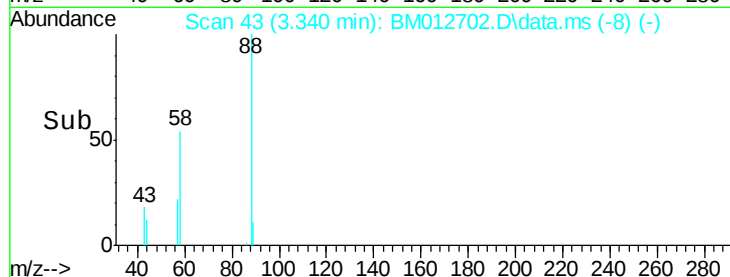
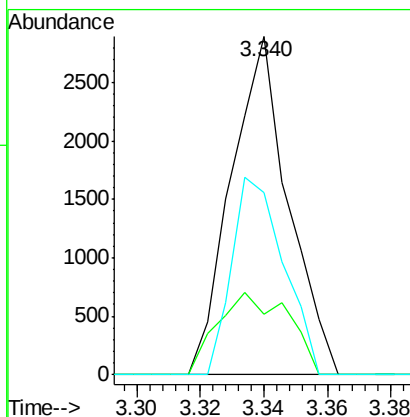
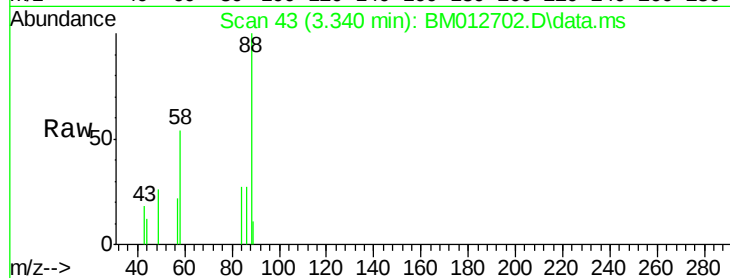
Tot Ion: 88 Resp: 3619

Ion Ratio Lower Upper

88 100

43 29.8 21.0 31.6

58 52.9 47.8 71.8



#4

Benzaldehyde

Concen: 3.90 ng/uL

RT: 6.957 min Scan# 658

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

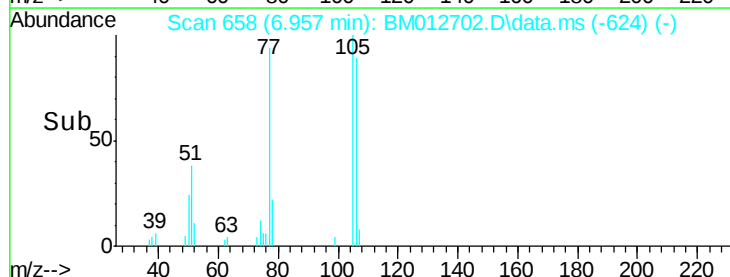
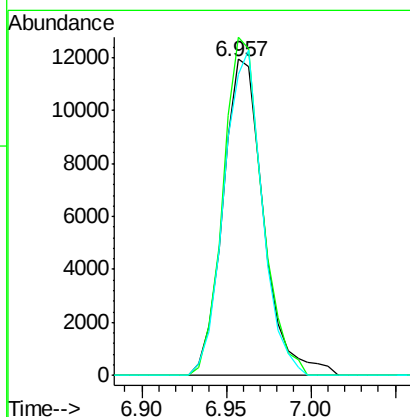
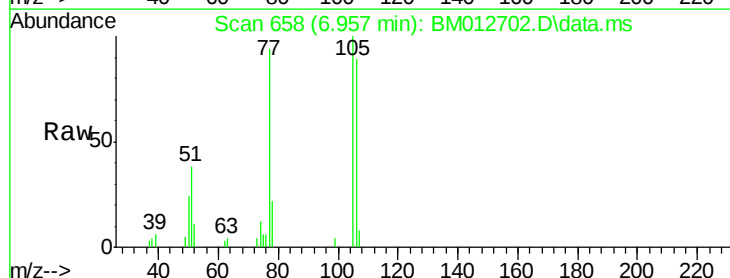
Tgt Ion: 77 Resp: 19967

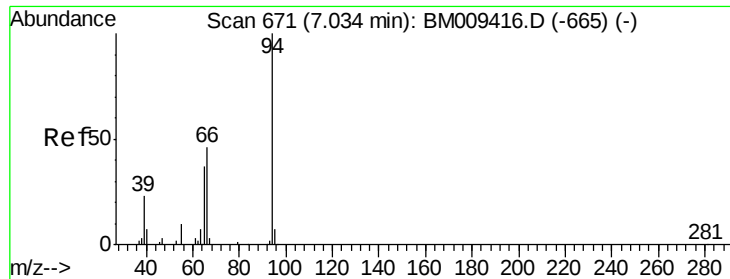
Ion Ratio Lower Upper

77 100

105 106.9 80.6 120.8

106 95.3 77.7 116.5





#6

Phenol

Concen: 3.88 ng/ul

RT: 7.010 min Scan# 66

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

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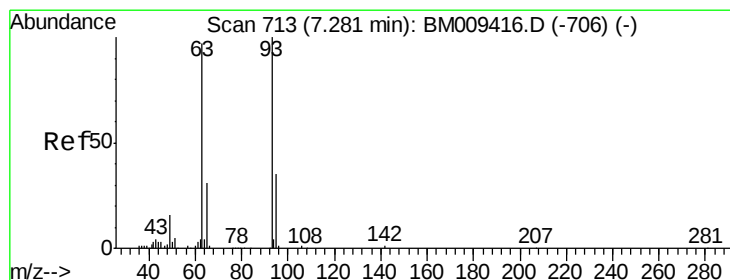
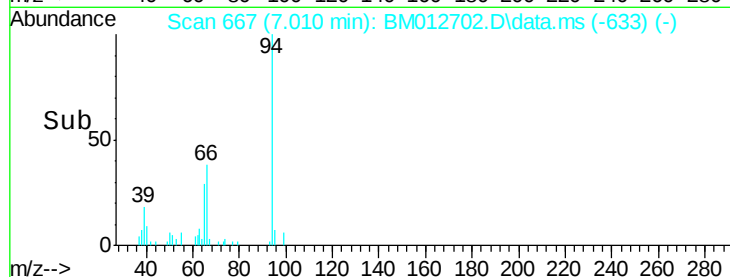
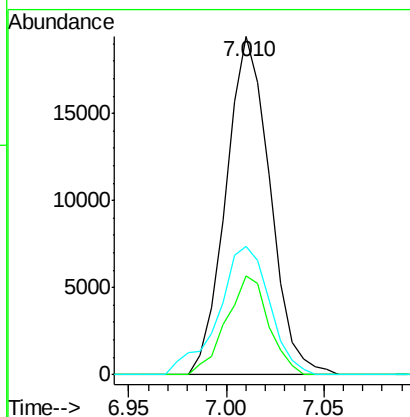
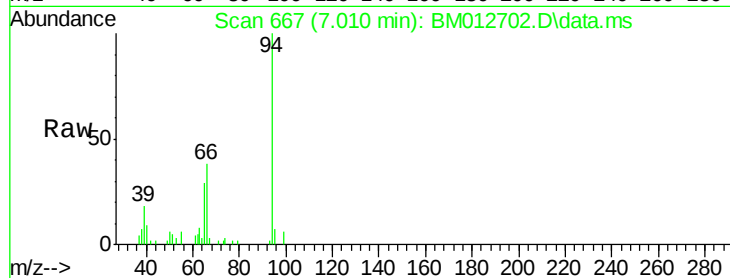
Tot Ion: 94 Resp: 30301

Ion Ratio Lower Upper

94 100

65 29.3 21.0 31.6

66 37.8 29.3 43.9



#8

Bis(2-Chloroethyl)ether

Concen: 3.88 ng/ul

RT: 7.240 min Scan# 706

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

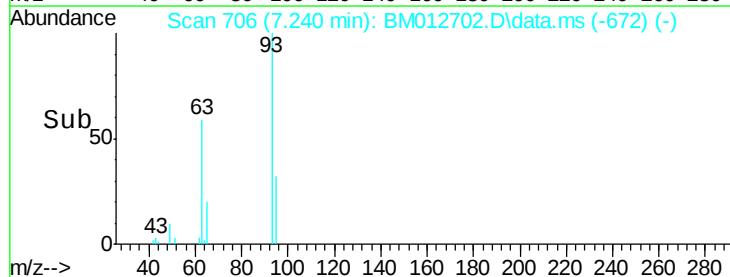
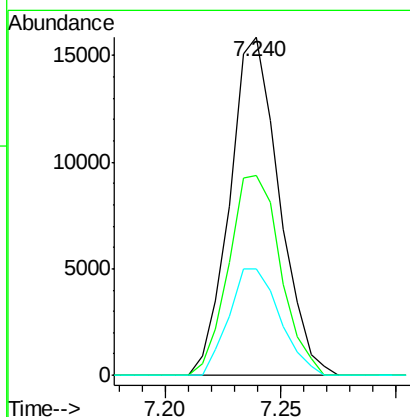
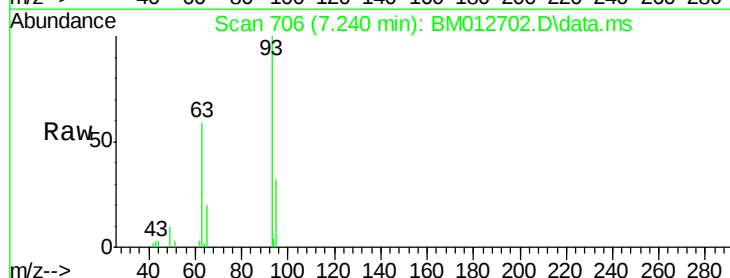
Tgt Ion: 93 Resp: 23612

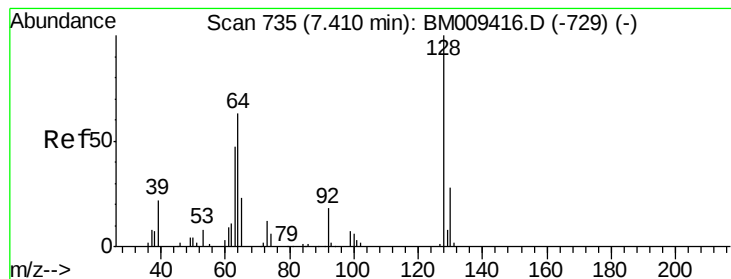
Ion Ratio Lower Upper

93 100

63 59.0 53.5 80.3

95 31.7 26.2 39.2

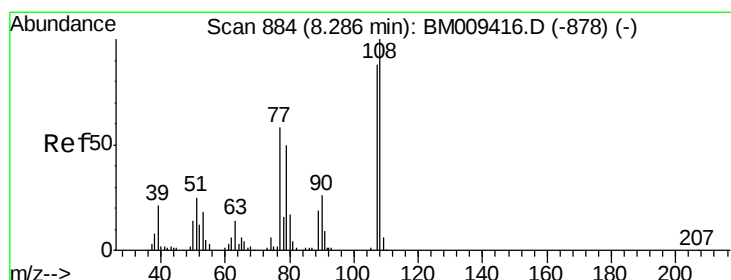
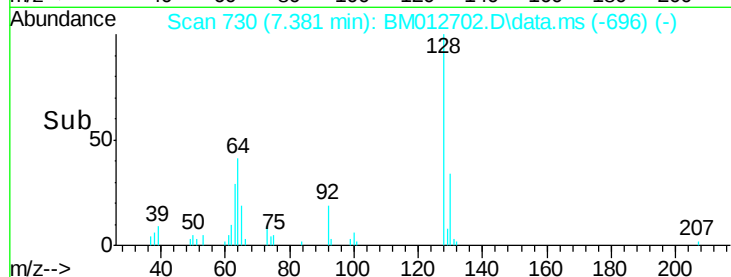
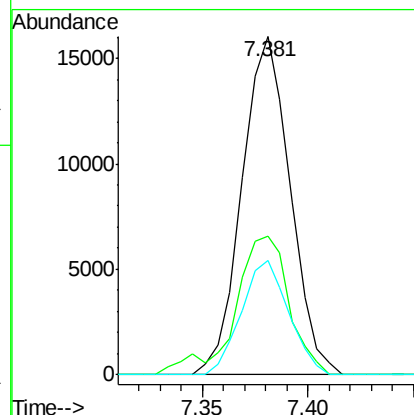
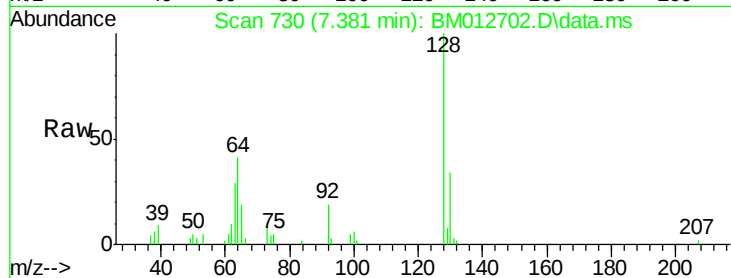




#10
2-Chlorophenol
Concen: 4.87 ng/ul
RT: 7.381 min Scan# 73
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

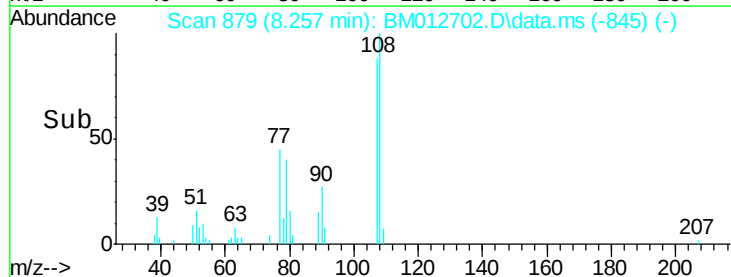
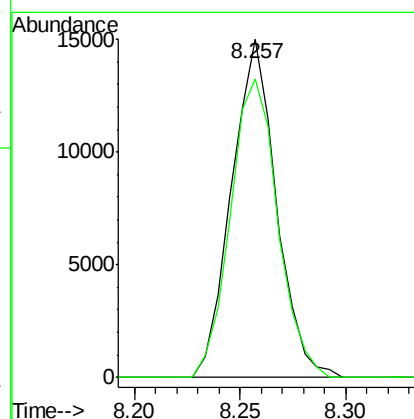
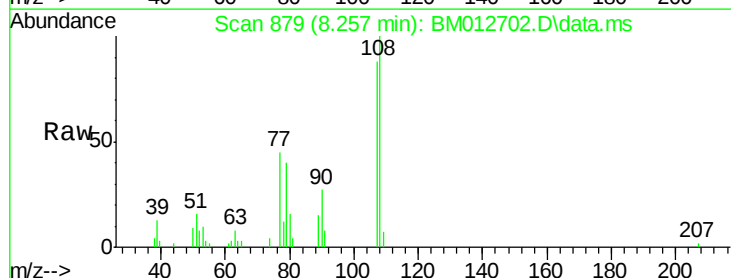
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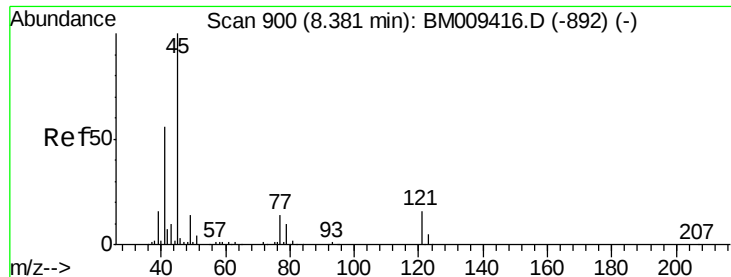
Tot Ion	Ratio	Lower	Upper
128	100		
64	41.0	31.9	47.9
130	33.8	25.6	38.4



#11
2-Methylphenol
Concen: 4.06 ng/ul
RT: 8.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

Tgt Ion	Ratio	Lower	Upper
108	100		
107	88.5	72.4	108.6





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 1.93 ng/ul

RT: 8.351 min Scan# 89

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

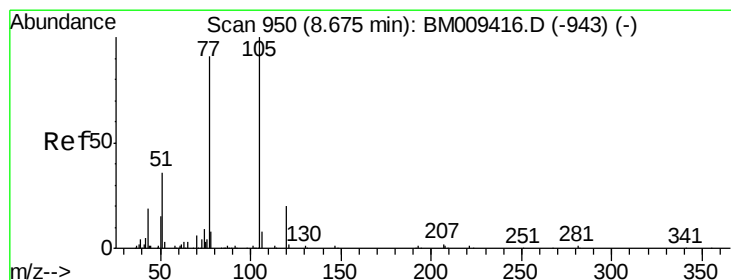
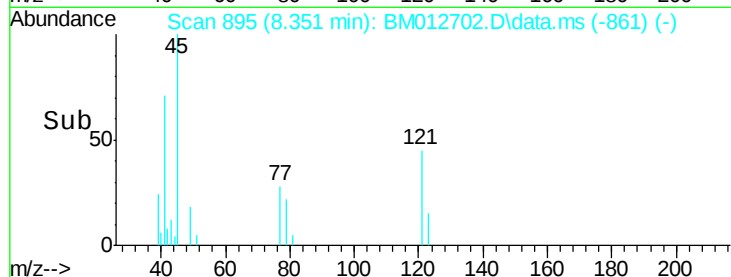
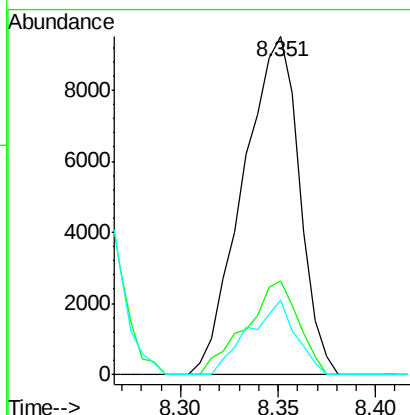
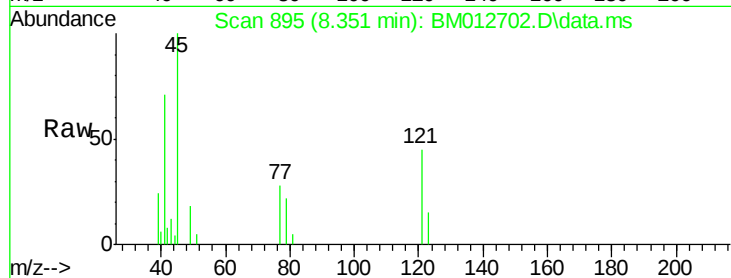
Tot Ion: 45 Resp: 19023

Ion Ratio Lower Upper

45 100

77 27.7 15.9 23.9#

79 21.9 12.5 18.7#



#14

Acetophenone

Concen: 4.25 ng/ul

RT: 8.634 min Scan# 943

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

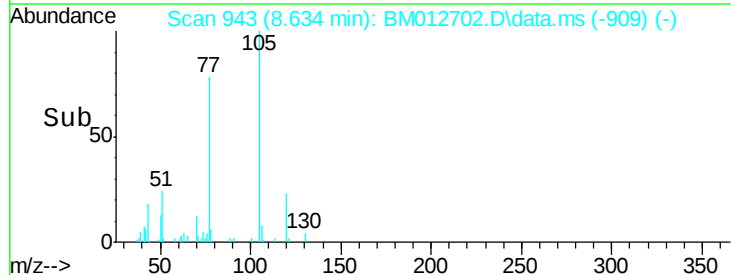
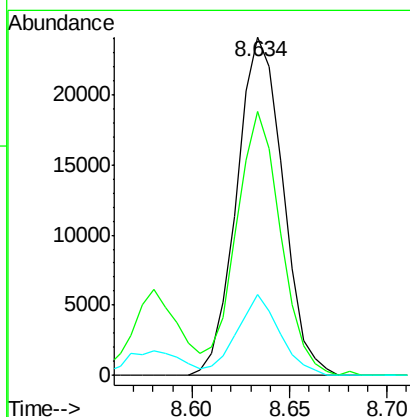
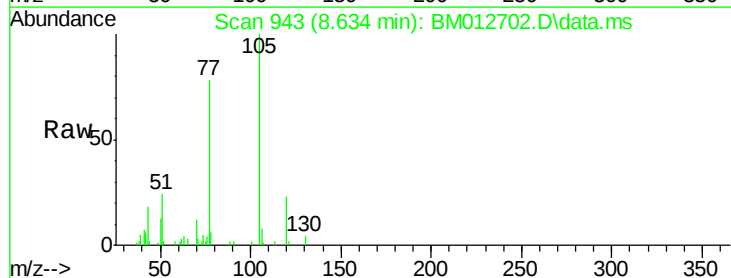
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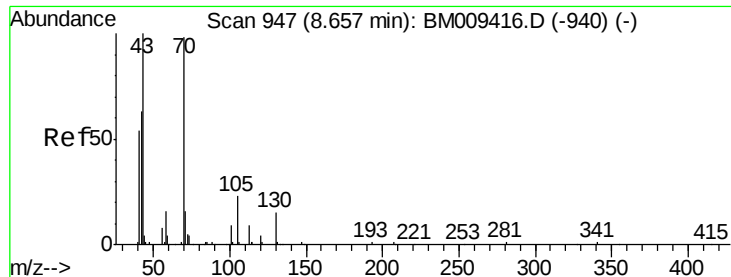
Ion Ratio Lower Upper

105 100

77 78.2 59.0 88.4

51 24.0 16.4 24.6

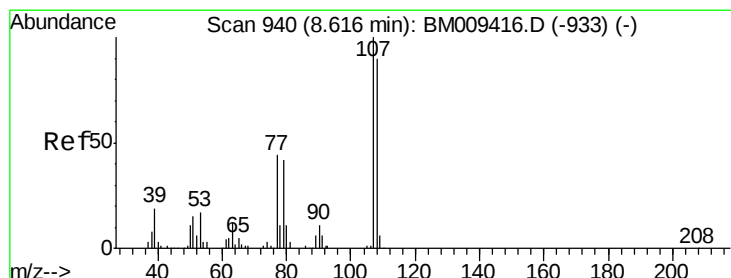
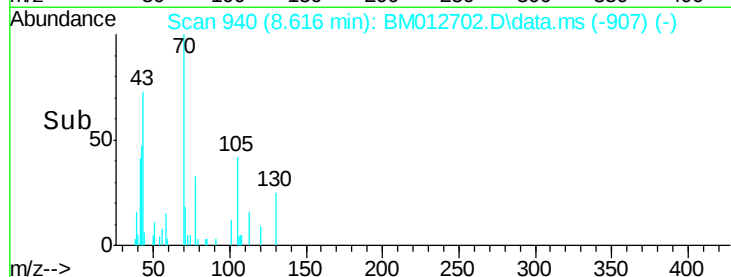
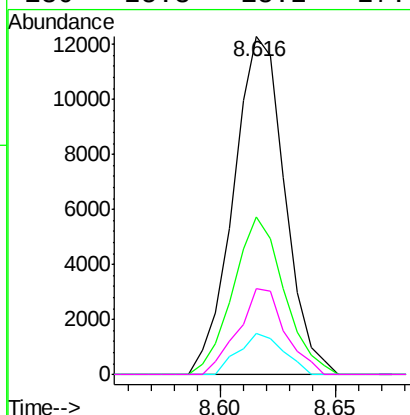
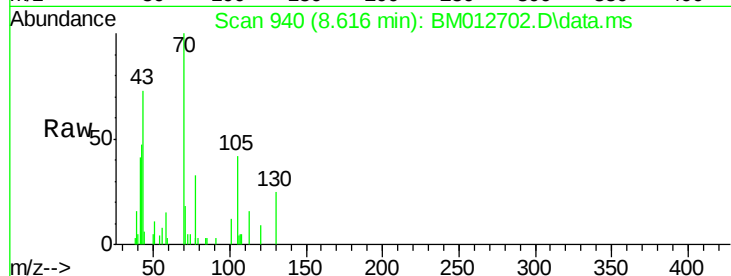




#15
N-Nitroso-di-n-propylamine
Concen: 3.55 ng/ul
RT: 8.616 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

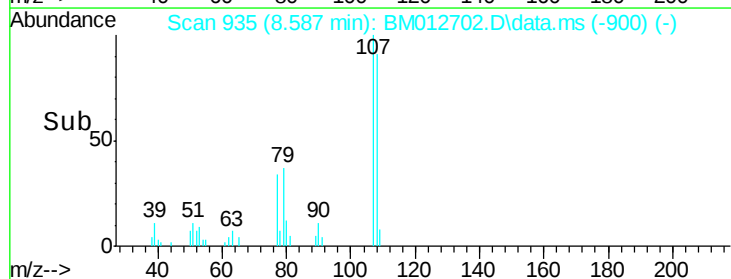
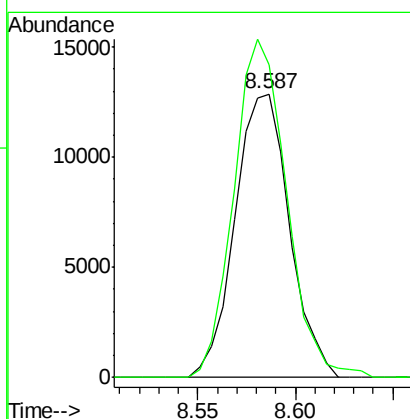
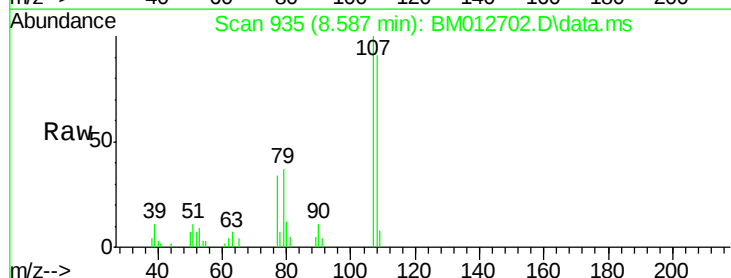
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BNA_M
ClientSampleId :
SSTD00587

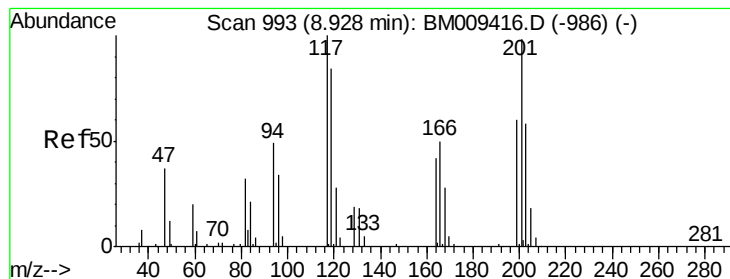
Tot Ion:	70	Resp:	19060
Ion	Ratio	Lower	Upper
70	100		
42	46.6	35.4	53.0
101	12.1	8.4	12.6
130	25.3	18.2	27.4



#16
4-Methylphenol
Concen: 4.23 ng/ul
RT: 8.587 min Scan# 935
Delta R.T. 0.006 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

Tgt Ion:	108	Resp:	24837
Ion	Ratio	Lower	Upper
108	100		
107	110.1	90.3	135.5





#17

Hexachloroethane

Concen: 4.10 ng/ul

RT: 8.887 min Scan# 98

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

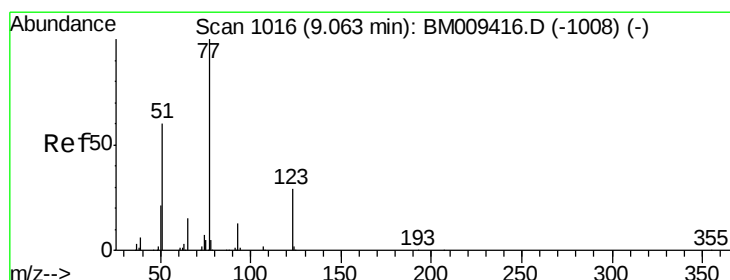
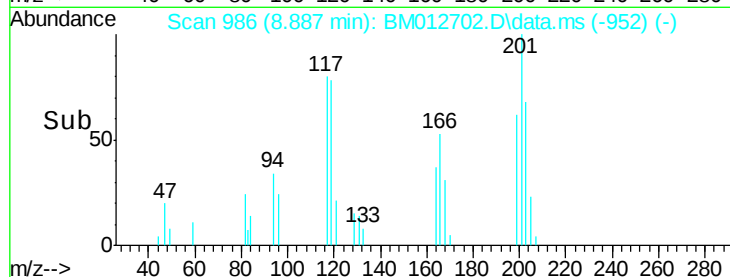
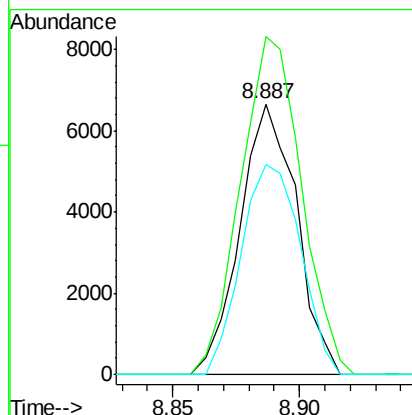
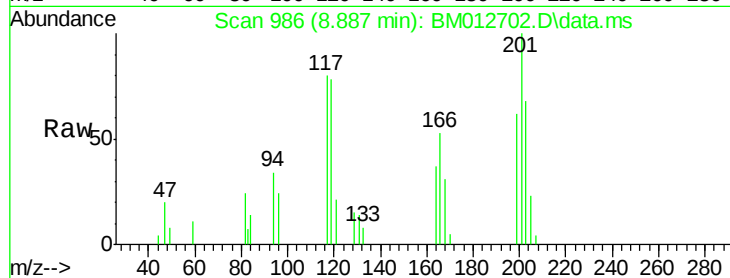
Tot Ion:117 Resp: 10340

Ion Ratio Lower Upper

117 100

201 125.0 81.5 122.3#

199 77.9 50.6 76.0#



#20

Nitrobenzene

Concen: 3.50 ng/ul

RT: 9.010 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

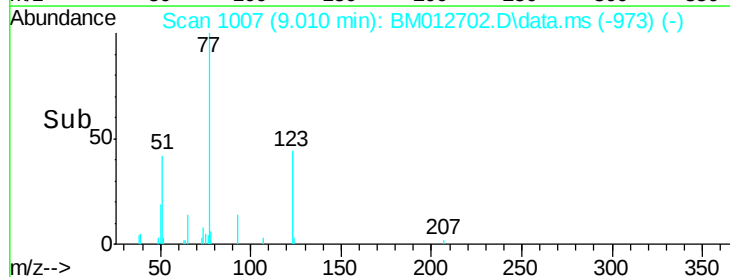
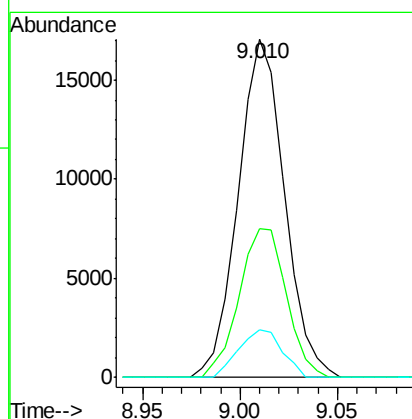
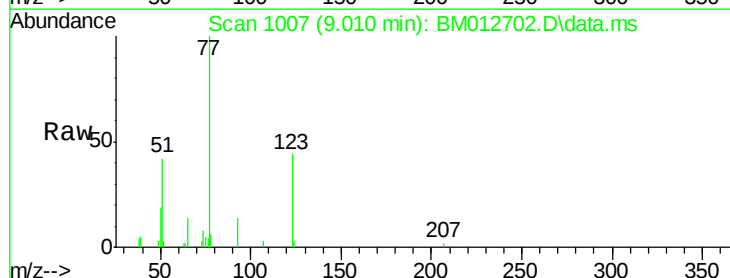
Tgt Ion: 77 Resp: 28007

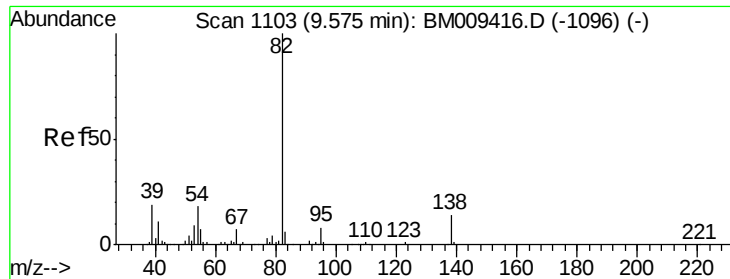
Ion Ratio Lower Upper

77 100

123 44.0 39.0 58.4

65 14.2 10.4 15.6





#21

Isophorone

Concen: 3.77 ng/ul

RT: 9.539 min Scan# 10

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

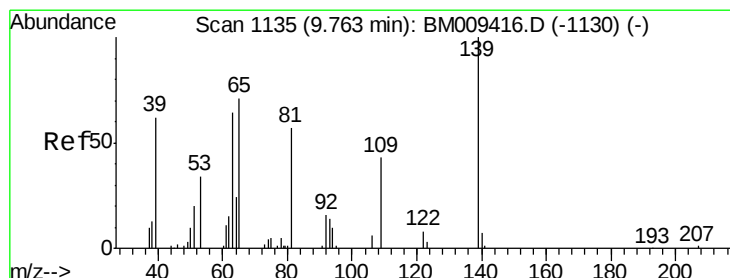
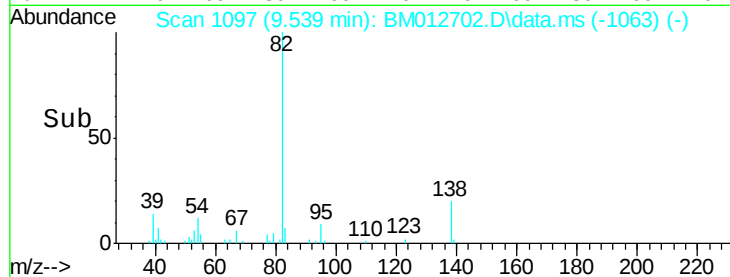
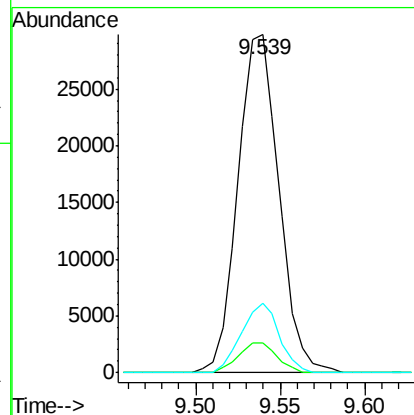
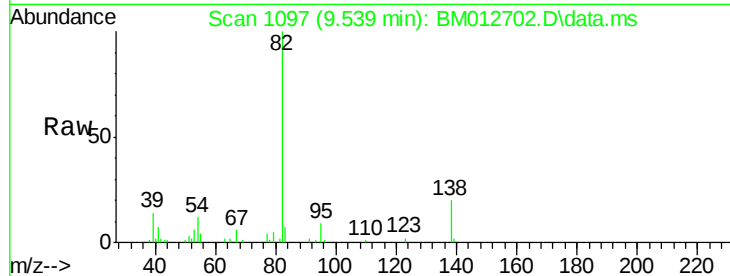
Tot Ion: 82 Resp: 50197

Ion Ratio Lower Upper

82 100

95 8.8 6.4 9.6

138 20.4 14.9 22.3



#23

2-Nitrophenol

Concen: 5.06 ng/ul

RT: 9.722 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

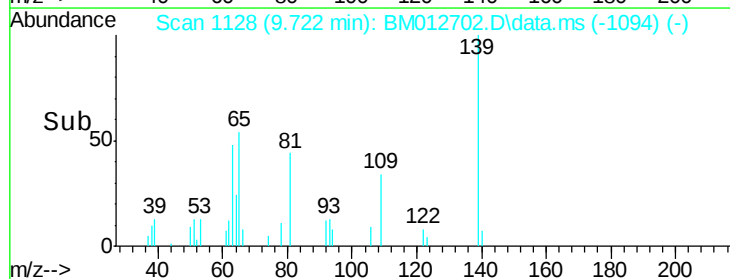
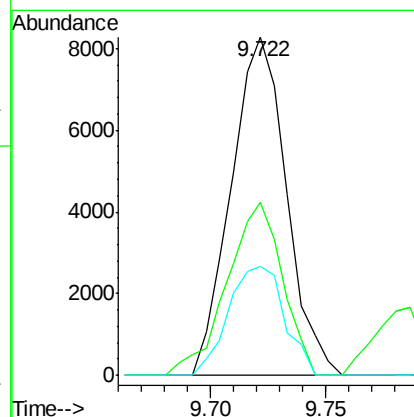
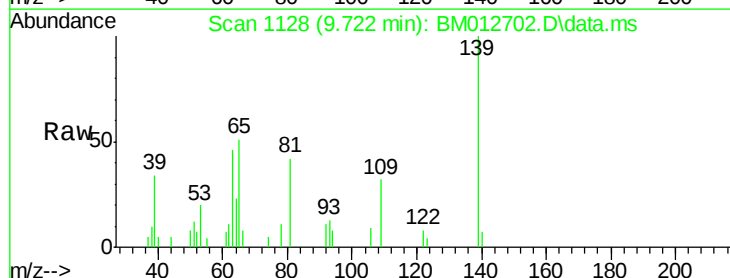
Tgt Ion: 139 Resp: 13781

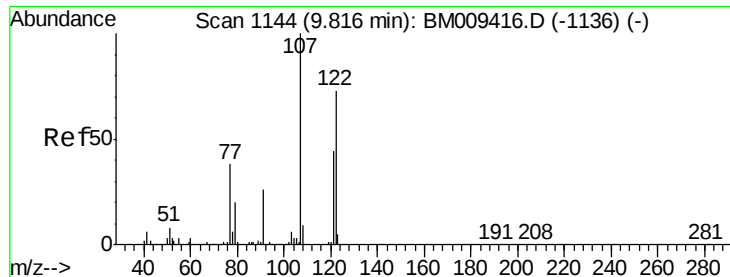
Ion Ratio Lower Upper

139 100

65 51.2 36.3 54.5

109 32.2 26.4 39.6





#24

2,4-Dimethylphenol

Concen: 4.39 ng/ul

RT: 9.781 min Scan# 111

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

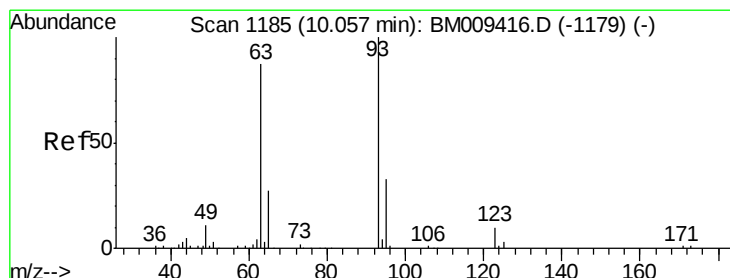
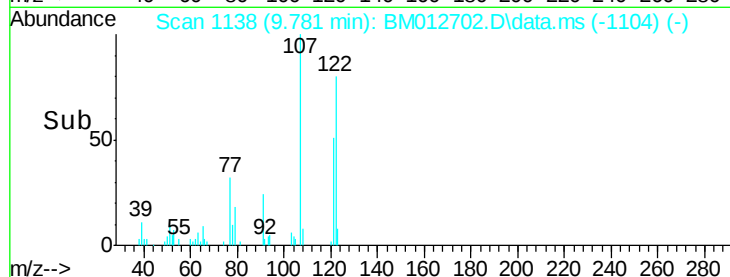
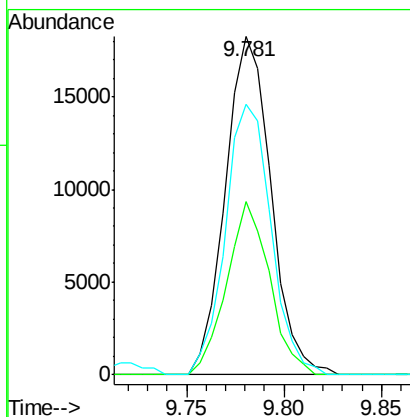
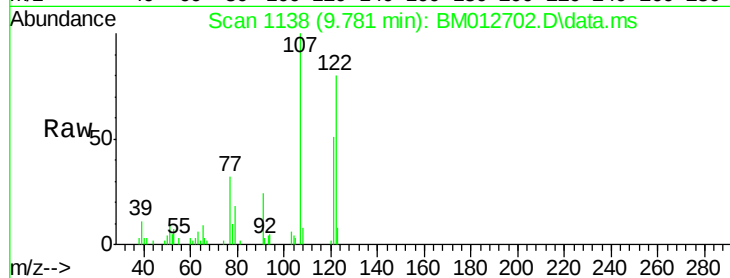
Tot Ion:107 Resp: 29568

Ion Ratio Lower Upper

107 100

121 51.2 40.6 61.0

122 80.0 67.8 101.6



#25

Bis(2-Chloroethoxy)methane

Concen: 4.19 ng/ul

RT: 10.016 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

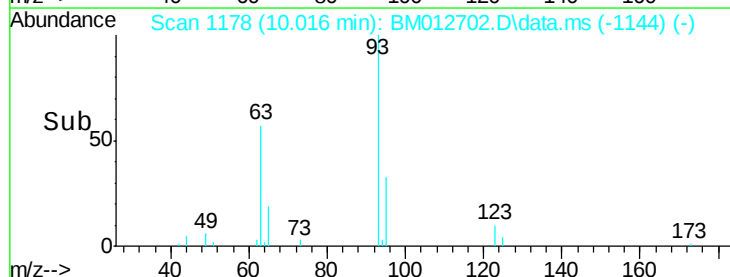
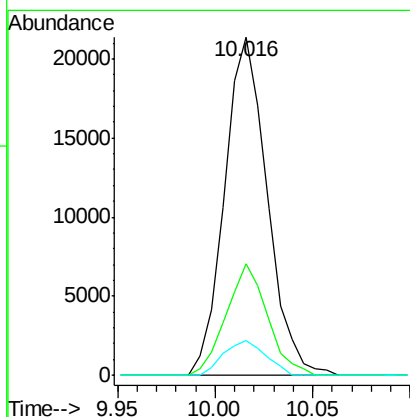
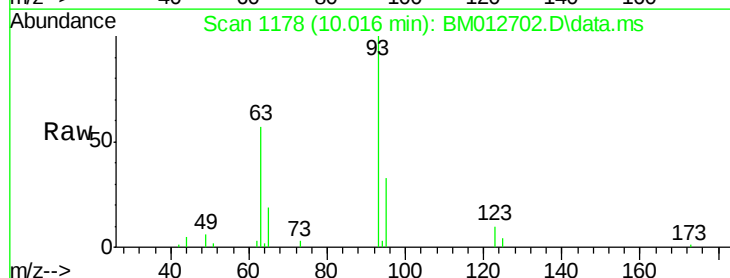
Tgt Ion: 93 Resp: 32377

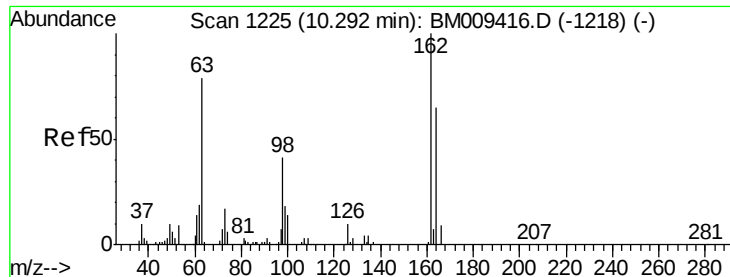
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

123 10.1 9.8 14.8

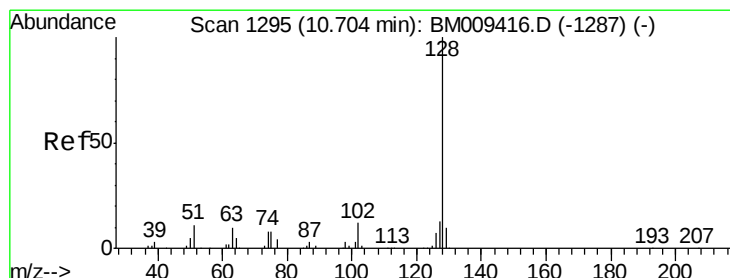
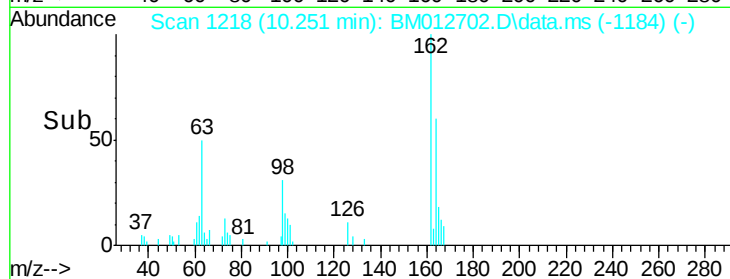
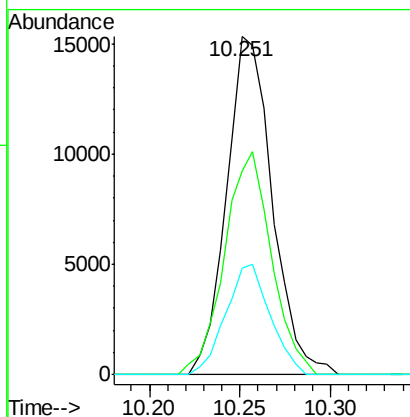
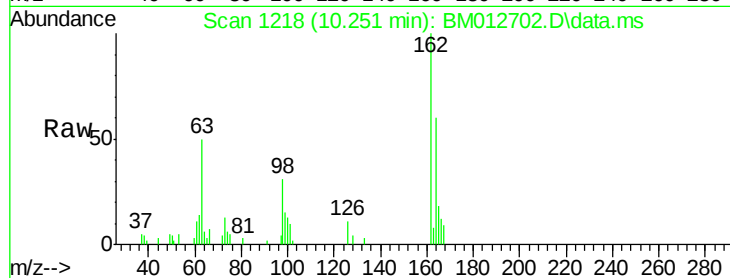




#27
 2,4-Dichlorophenol
 Concen: 5.28 ng/ul
 RT: 10.251 min Scan# 1218
 Delta R.T. -0.000 min
 Lab File: BM012702.D
 Acq: 04 Nov 2017 11:56

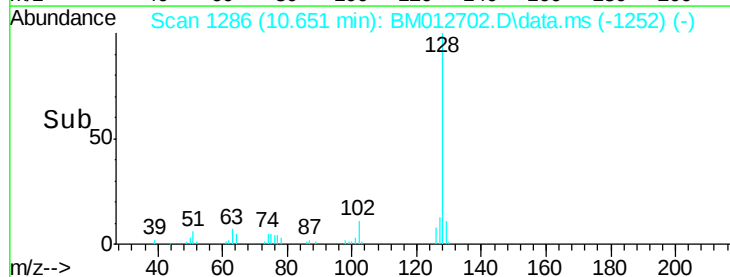
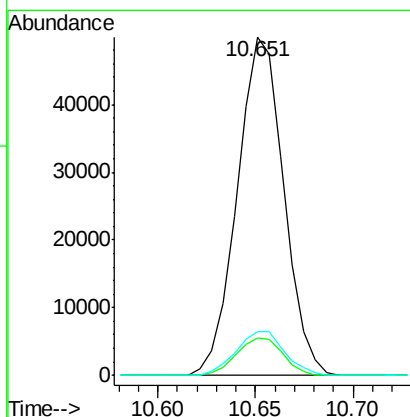
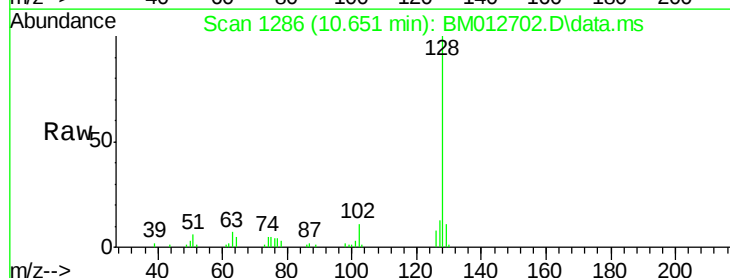
Instrument :
 BNA_M
 ClientSampleId :
 SST00587

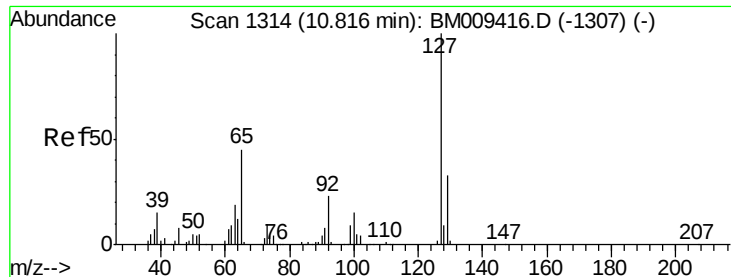
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.2	52.1	78.1
98	31.4	28.4	42.6



#28
 Naphthalene
 Concen: 5.04 ng/ul
 RT: 10.651 min Scan# 1286
 Delta R.T. -0.000 min
 Lab File: BM012702.D
 Acq: 04 Nov 2017 11:56

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

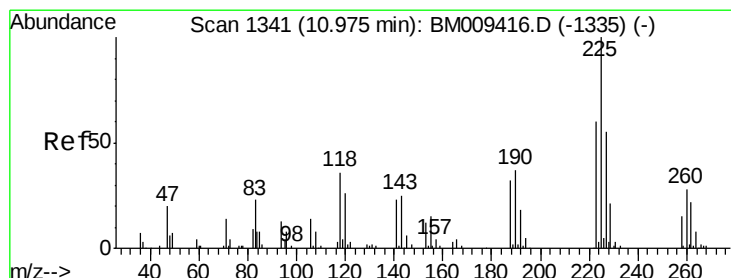
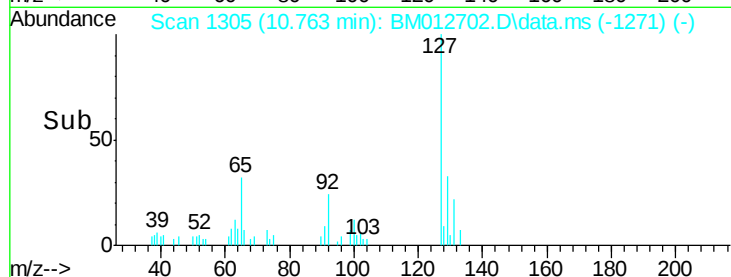
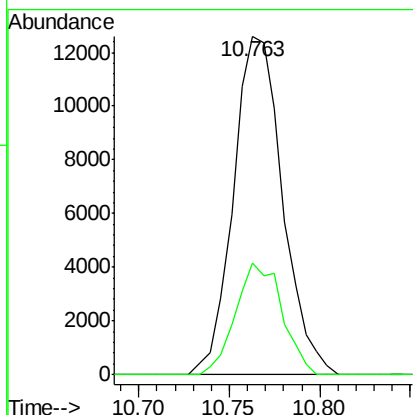
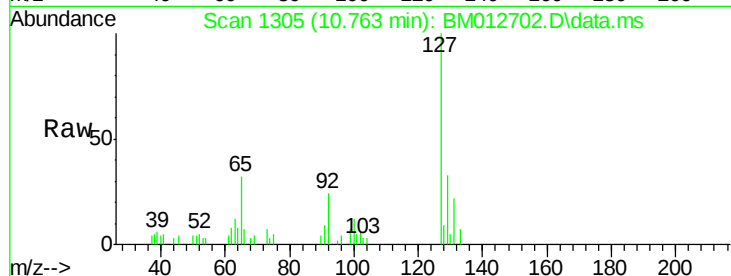




#30
4-Chloroaniline
Concen: 3.87 ng/ul
RT: 10.763 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

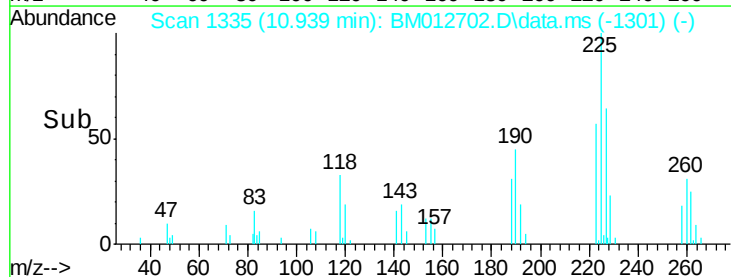
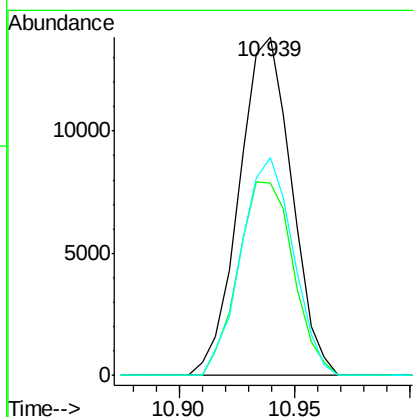
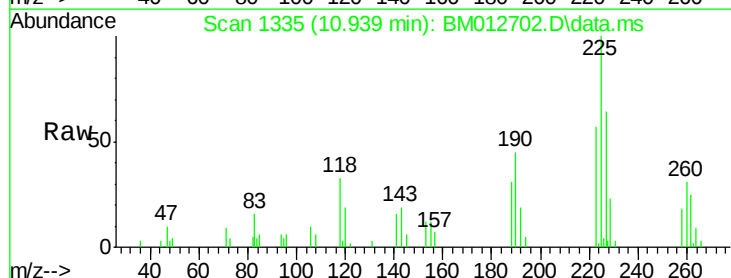
Instrument :
BNA_M
ClientSampleId :
SSTD00587

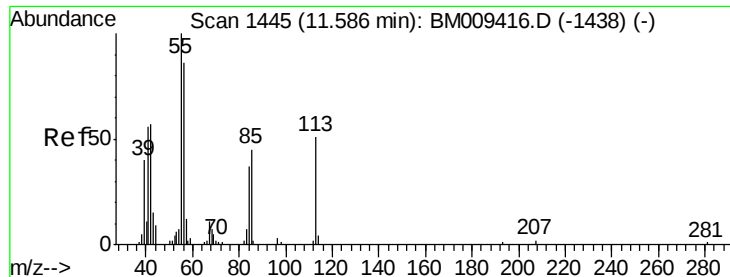
Tot Ion:127 Resp: 23792
Ion Ratio Lower Upper
127 100
129 32.8 25.4 38.2



#31
Hexachlorobutadiene
Concen: 5.50 ng/ul
RT: 10.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

Tgt Ion:225 Resp: 21894
Ion Ratio Lower Upper
225 100
223 56.9 51.4 77.2
227 67.4 50.7 76.1





#32

Caprolactam

Concen: 4.29 ng/ul

RT: 11.551 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

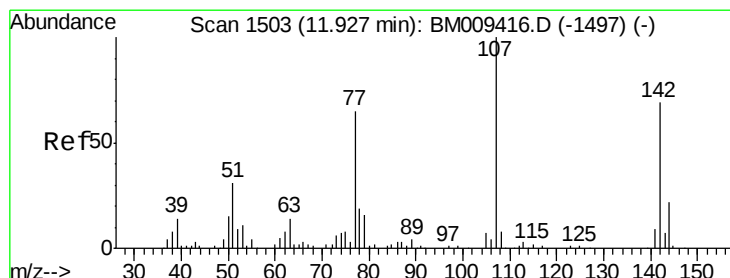
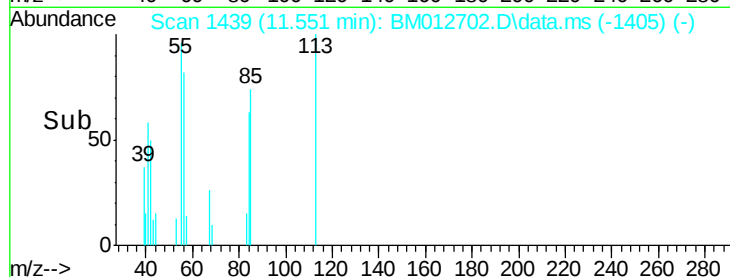
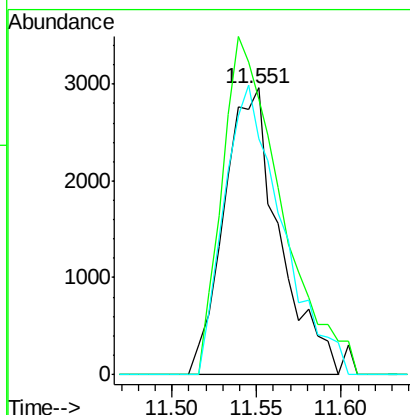
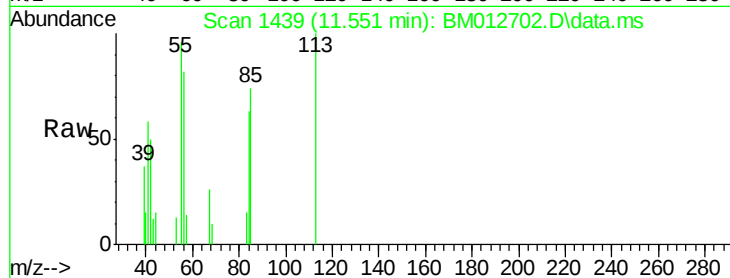
Tot Ion:113 Resp: 6728

Ion Ratio Lower Upper

113 100

55 96.3 101.9 152.9#

56 82.5 81.2 121.8



#33

4-Chloro-3-methylphenol

Concen: 4.45 ng/ul

RT: 11.892 min Scan# 1497

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

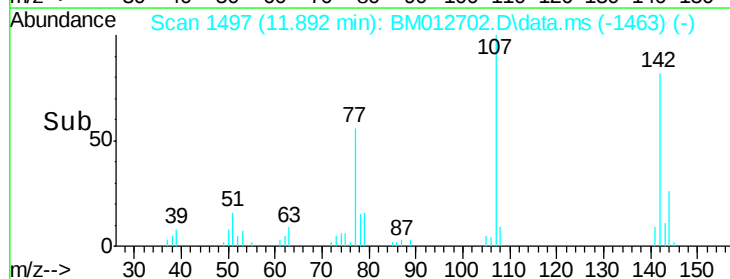
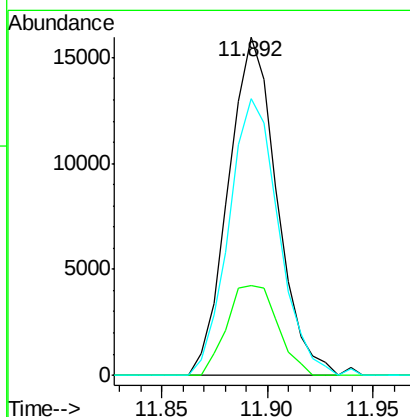
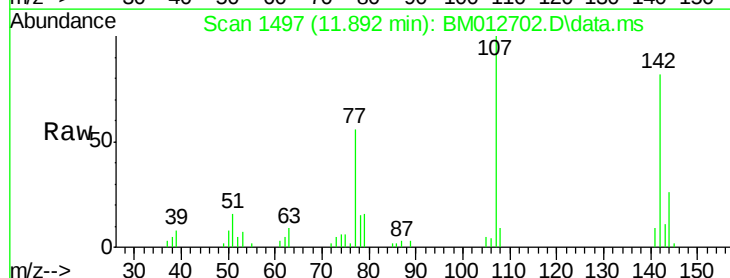
Tgt Ion:107 Resp: 25385

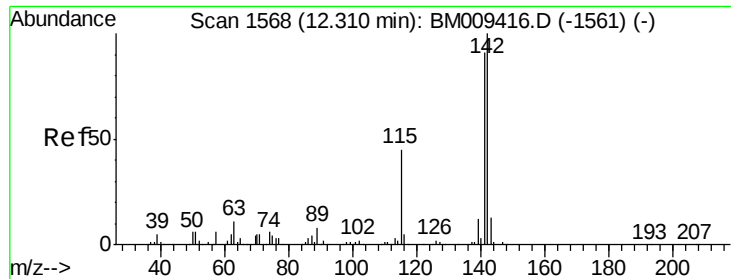
Ion Ratio Lower Upper

107 100

144 26.5 20.4 30.6

142 81.8 62.5 93.7

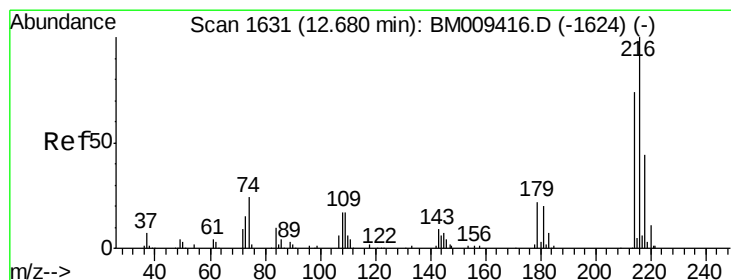
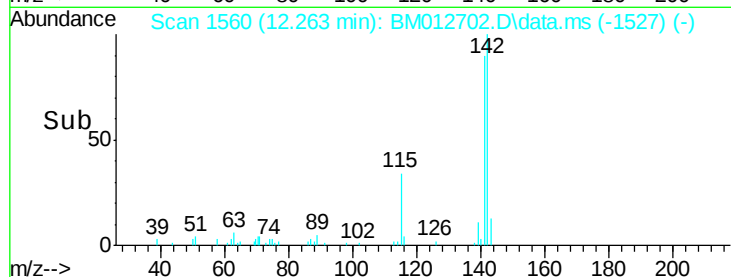
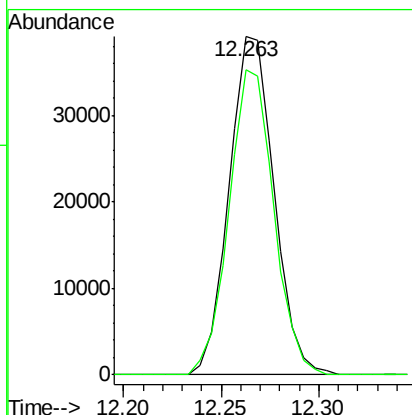
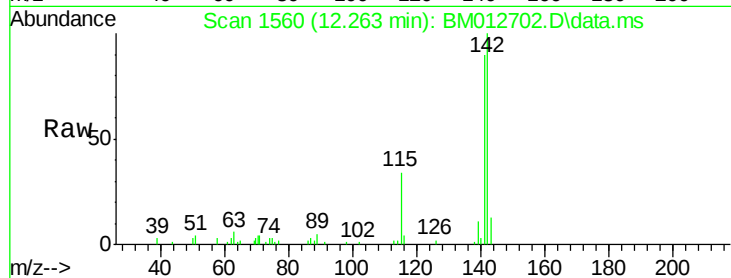




#34
2-Methylnaphthalene
Concen: 5.29 ng/ul
RT: 12.263 min Scan# 15
Delta R.T. -0.006 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

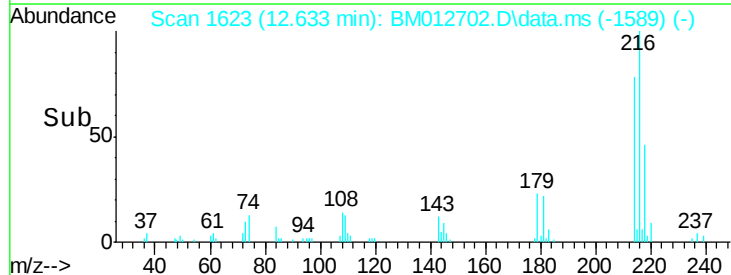
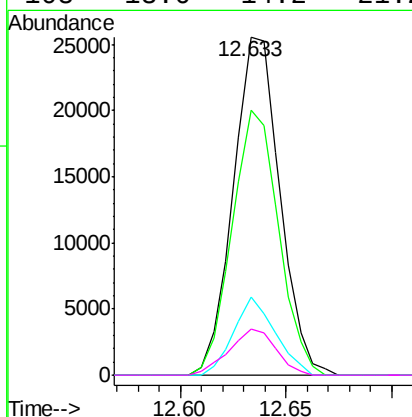
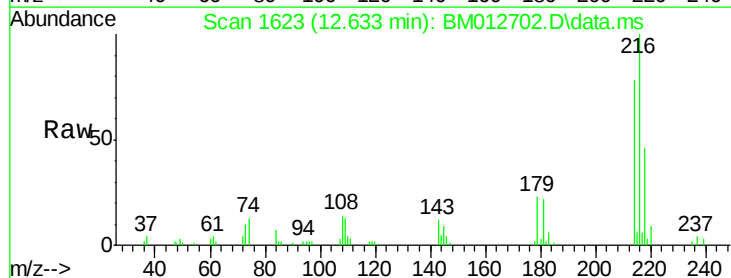
Instrument :
BNA_M
ClientSampleId :
SSTD00587

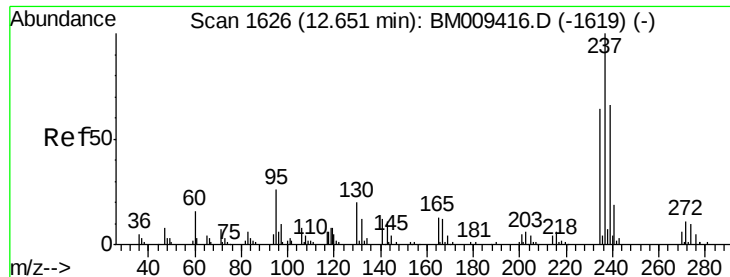
Tot Ion:142 Resp: 62358
Ion Ratio Lower Upper
142 100
141 90.2 71.6 107.4



#36
1,2,4,5-Tetrachlorobenzene
Concen: 5.74 ng/ul
RT: 12.633 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

Tgt Ion:216 Resp: 39163
Ion Ratio Lower Upper
216 100
214 78.4 62.5 93.7
179 23.1 18.2 27.2
108 13.6 14.2 21.2#

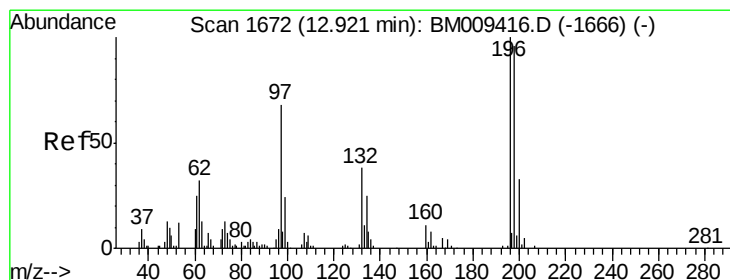
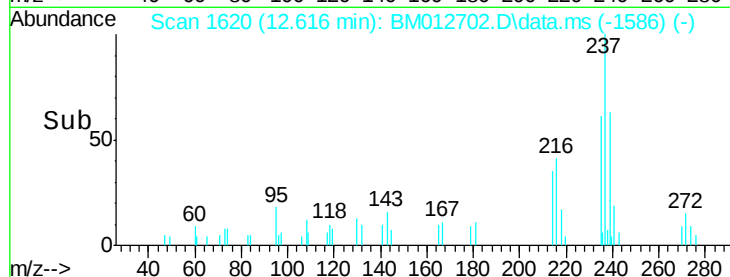
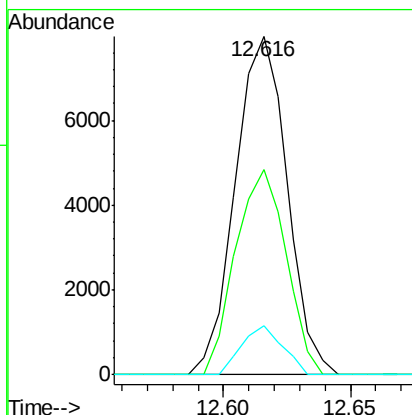
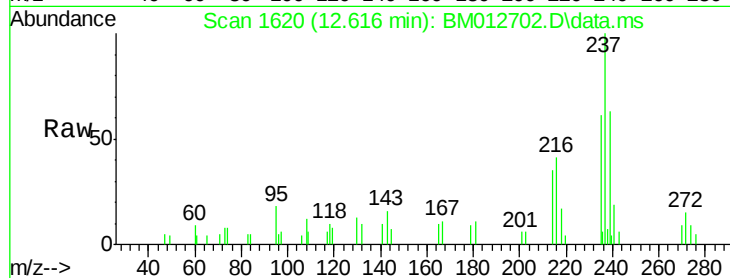




#37
Hexachlorocyclopentadiene
Concen: 2.66 ng/ul
RT: 12.616 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

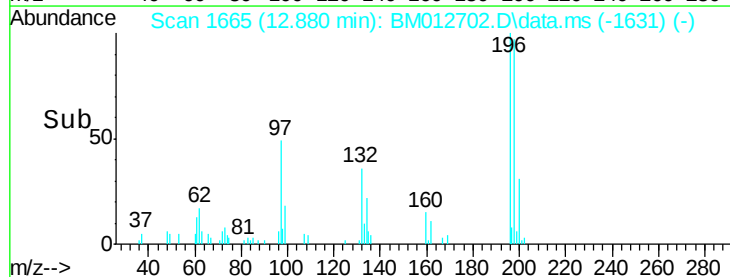
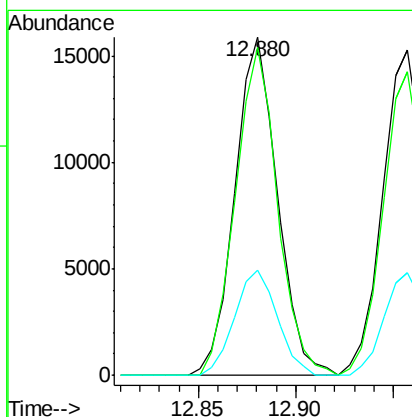
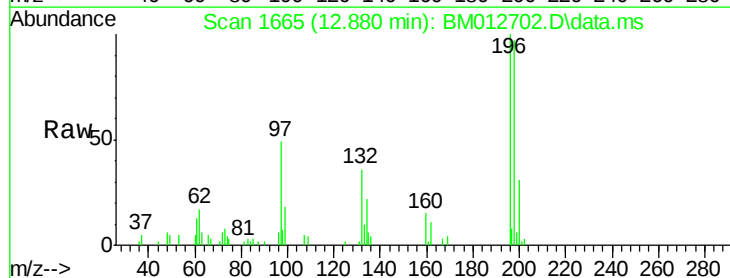
Instrument :
BNA_M
ClientSampleId :
SSTD00587

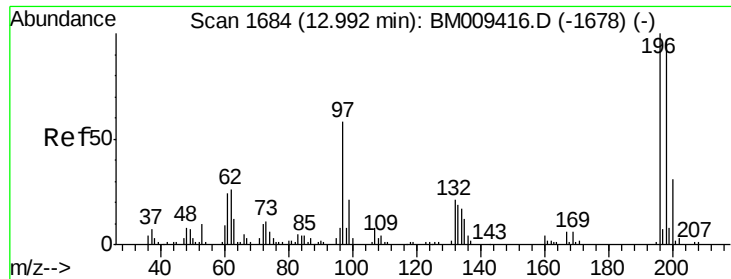
Tot Ion:237 Resp: 11370
Ion Ratio Lower Upper
237 100
235 60.6 50.4 75.6
272 14.6 9.6 14.4#



#38
2,4,6-Trichlorophenol
Concen: 6.01 ng/ul
RT: 12.880 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

Tgt Ion:196 Resp: 24006
Ion Ratio Lower Upper
196 100
198 97.1 76.6 114.8
200 31.1 24.7 37.1

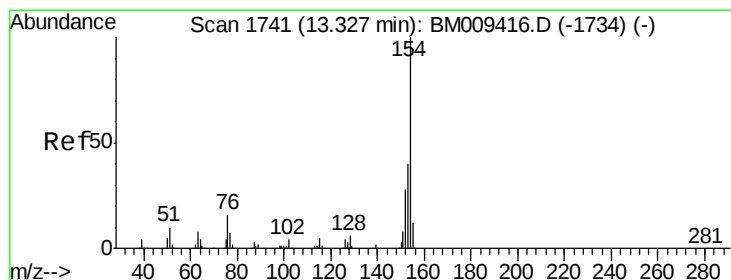
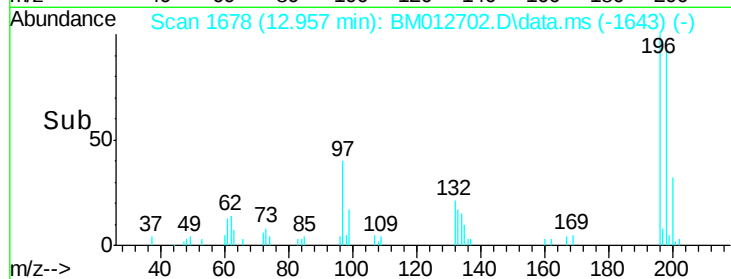
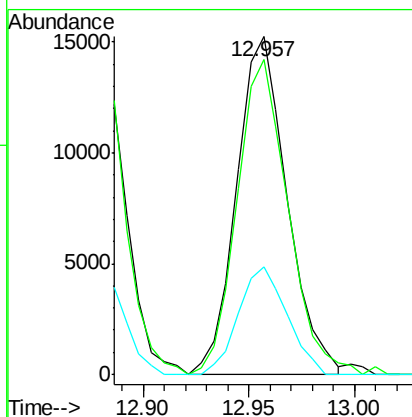
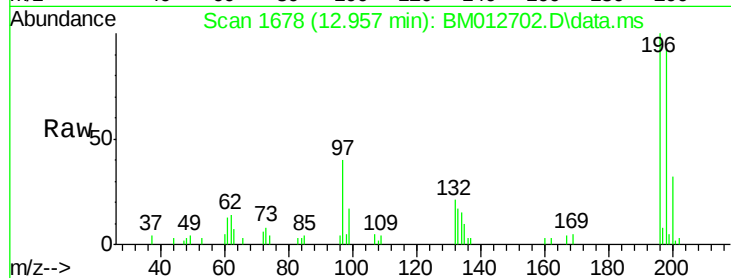




#39
 2,4,5-Trichlorophenol
 Concen: 5.87 ng/ul
 RT: 12.957 min Scan# 16
 Delta R.T. 0.006 min
 Lab File: BM012702.D
 Acq: 04 Nov 2017 11:56

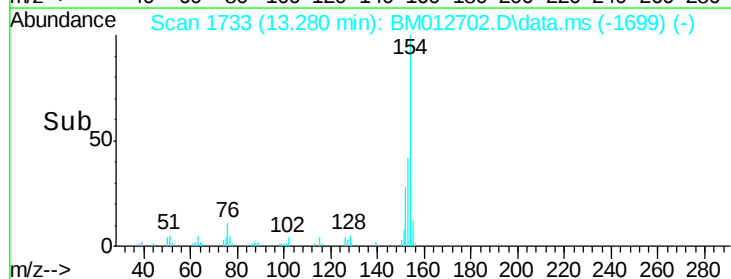
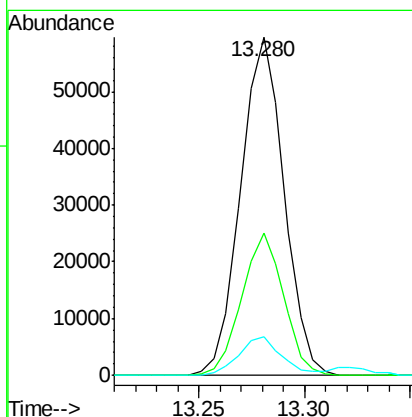
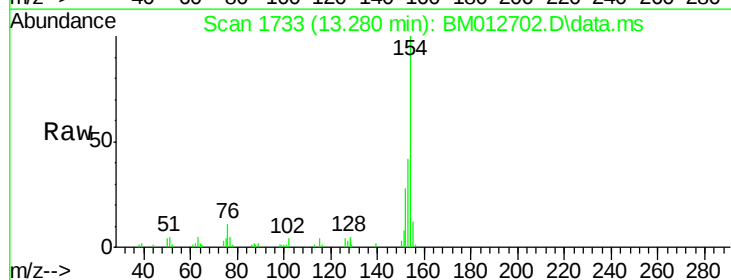
Instrument :
 BNA_M
 ClientSampleId :
 SST00587

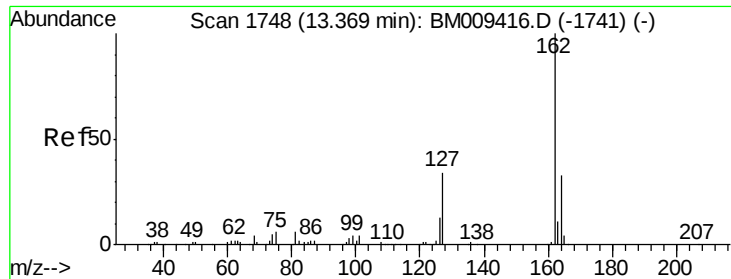
Tot Ion:196 Resp: 25293
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.9 115.3
 200 34.0 25.0 37.4



#40
 1,1'-Biphenyl
 Concen: 5.66 ng/ul
 RT: 13.280 min Scan# 1733
 Delta R.T. -0.000 min
 Lab File: BM012702.D
 Acq: 04 Nov 2017 11:56

Tgt Ion:154 Resp: 84989
 Ion Ratio Lower Upper
 154 100
 153 42.0 32.1 48.1
 76 11.3 9.5 14.3

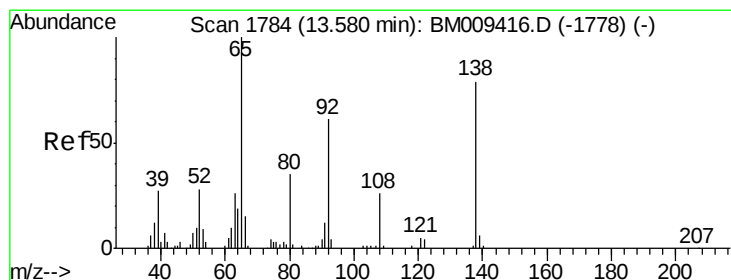
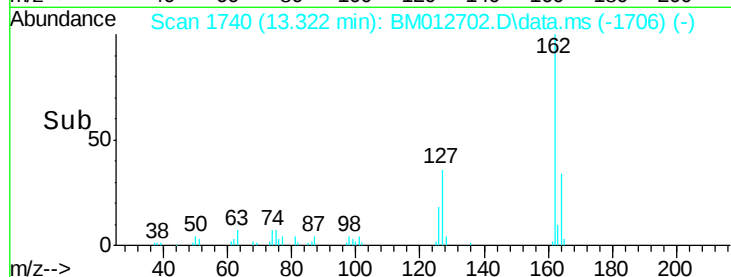
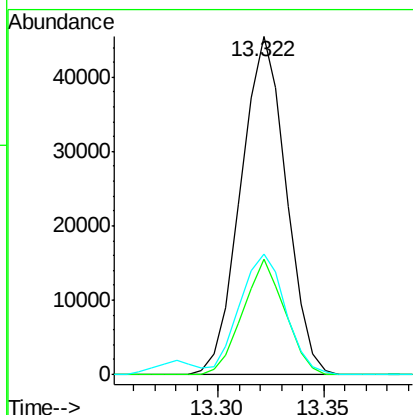
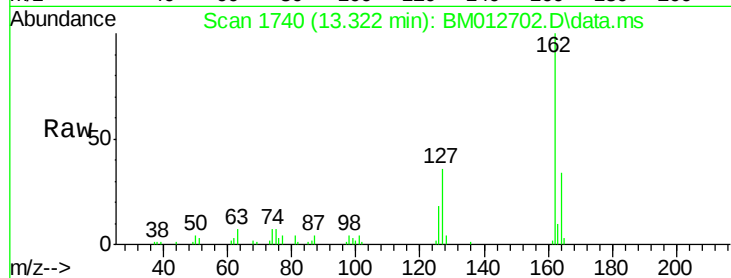




#41
2-Chloronaphthalene
Concen: 5.79 ng/ul
RT: 13.322 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

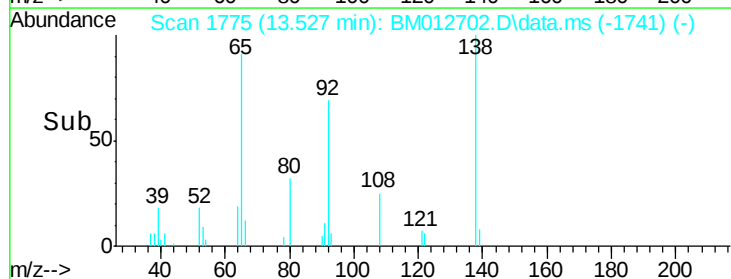
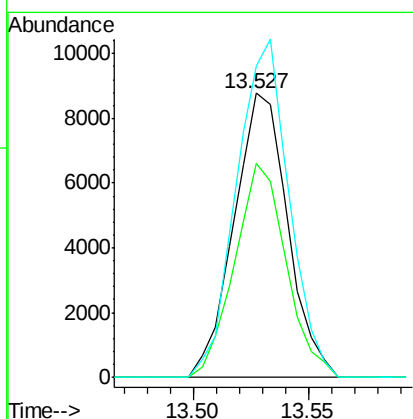
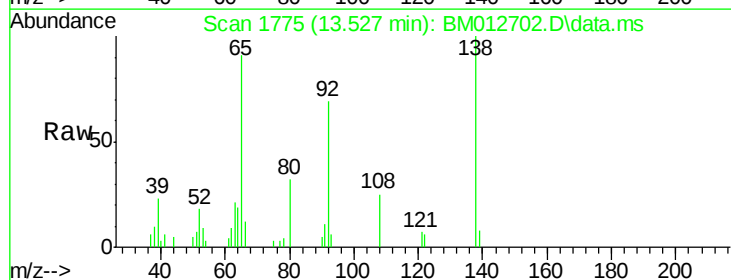
Instrument :
BNA_M
ClientSampleId :
SSTD00587

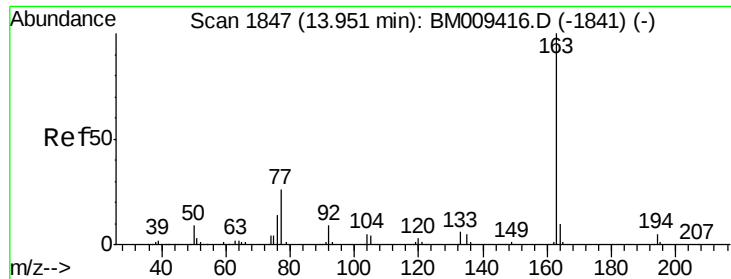
Tot Ion	Ratio	Lower	Upper
162	100		
164	34.2	25.9	38.9
127	35.8	34.1	51.1



#42
2-Nitroaniline
Concen: 3.31 ng/ul
RT: 13.527 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	60.4	90.6
138	109.8	99.8	149.6





#44

Dimethylphthalate

Concen: 5.99 ng/ul

RT: 13.904 min Scan# 18

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

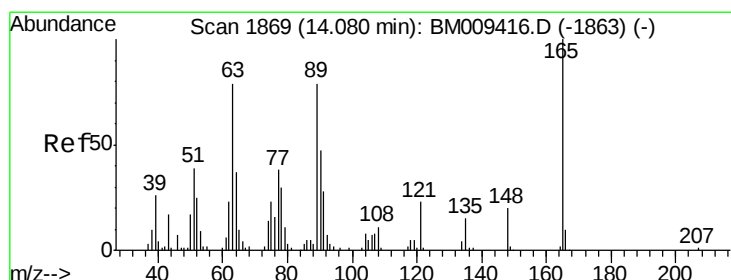
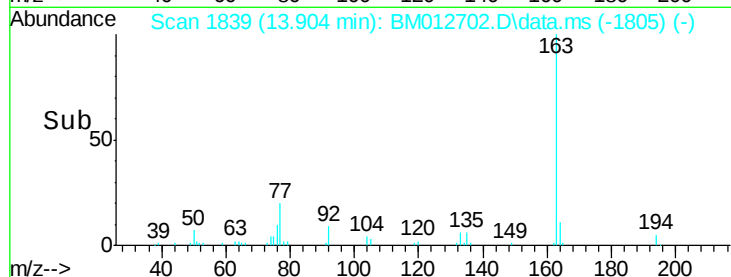
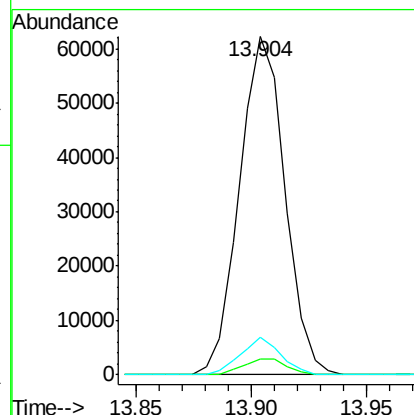
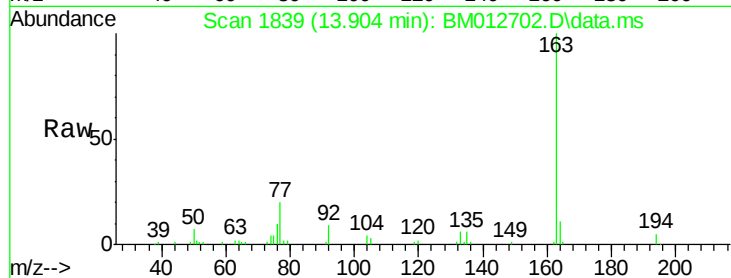
Tot Ion:163 Resp: 85380

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

164 11.1 7.8 11.8



#45

2,6-Dinitrotoluene

Concen: 5.51 ng/ul

RT: 14.027 min Scan# 1860

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

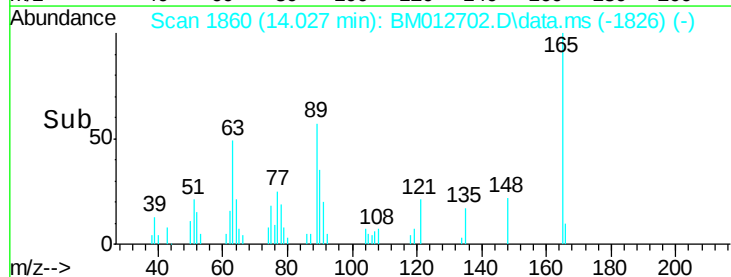
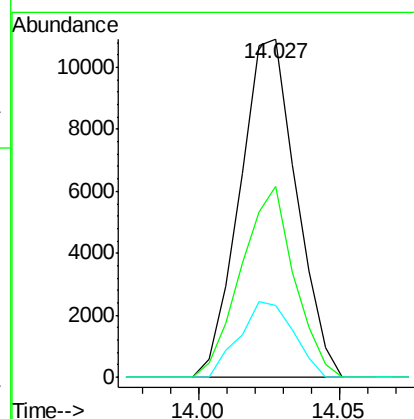
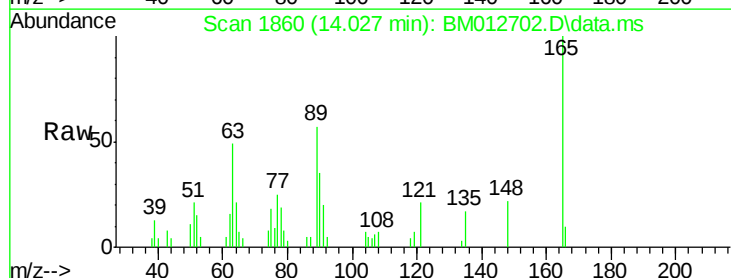
Tgt Ion:165 Resp: 15173

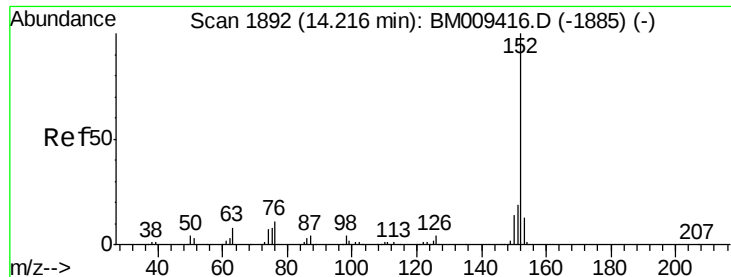
Ion Ratio Lower Upper

165 100

89 56.6 42.4 63.6

121 21.4 16.6 24.8





#47

Acenaphthylene

Concen: 5.61 ng/ul

RT: 14.169 min Scan# 18

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

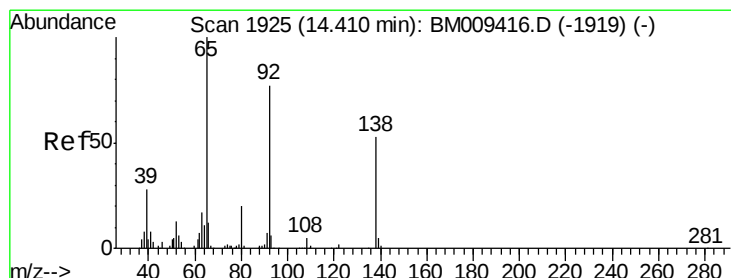
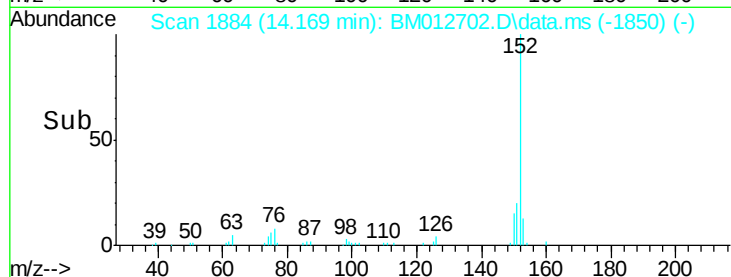
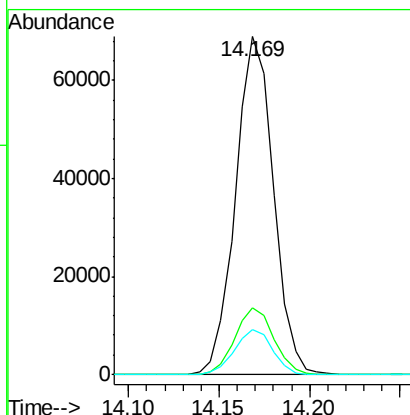
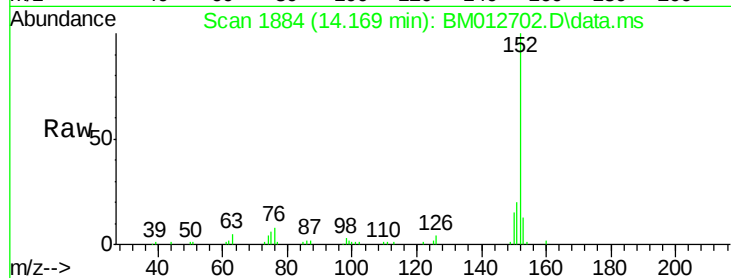
Tot Ion:152 Resp: 100155

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 13.4 10.5 15.7



#48

3-Nitroaniline

Concen: 4.31 ng/ul

RT: 14.357 min Scan# 1916

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

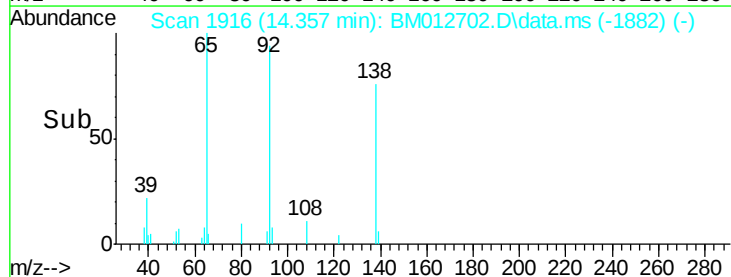
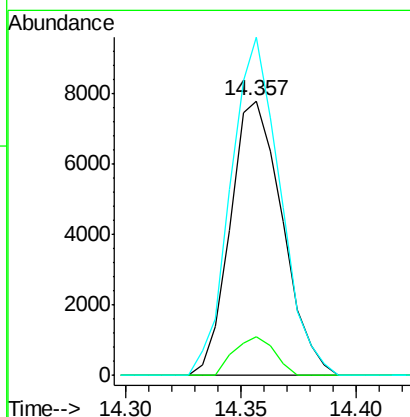
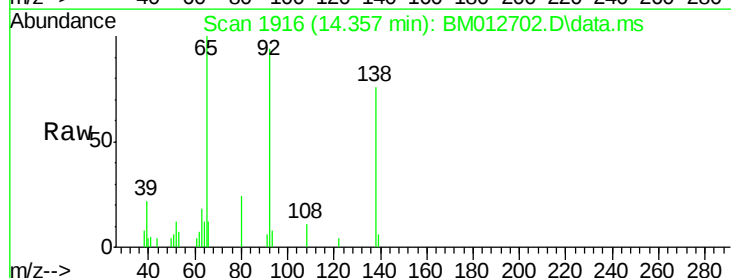
Tgt Ion:138 Resp: 12251

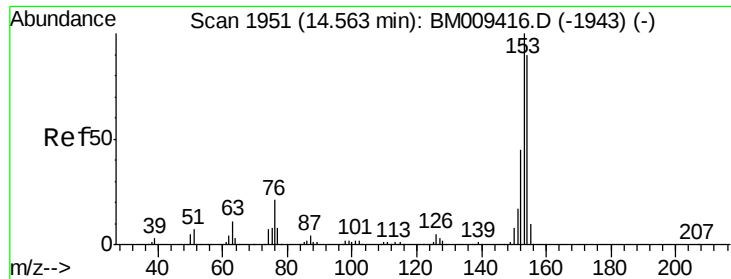
Ion Ratio Lower Upper

138 100

108 13.8 8.7 13.1#

92 123.2 88.2 132.4





#49

Acenaphthene

Concen: 5.62 ng/ul

RT: 14.516 min Scan# 19

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

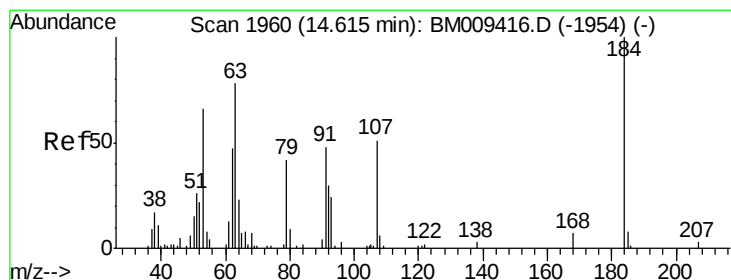
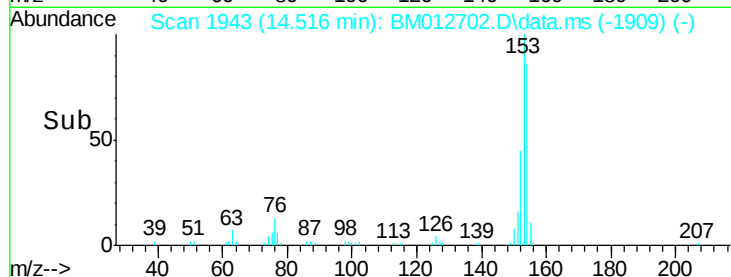
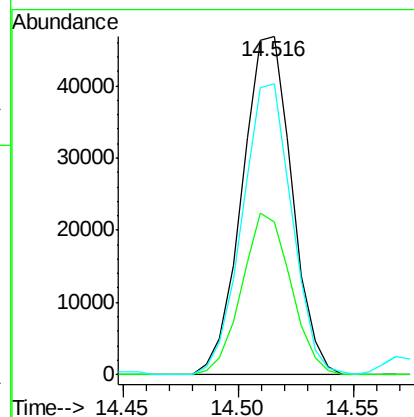
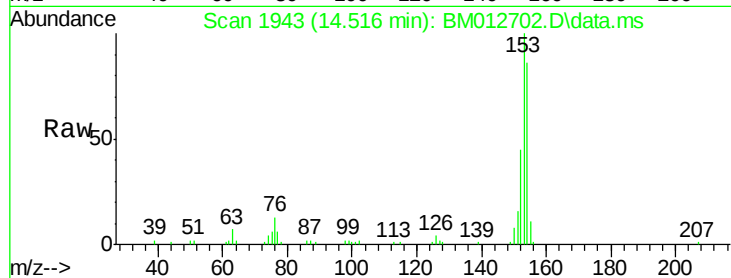
Tot Ion:153 Resp: 70486

Ion Ratio Lower Upper

153 100

152 45.2 38.3 57.5

154 86.0 71.8 107.8



#50

2,4-Dinitrophenol

Concen: 3.62 ng/ul

RT: 14.574 min Scan# 1953

Delta R.T. 0.006 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

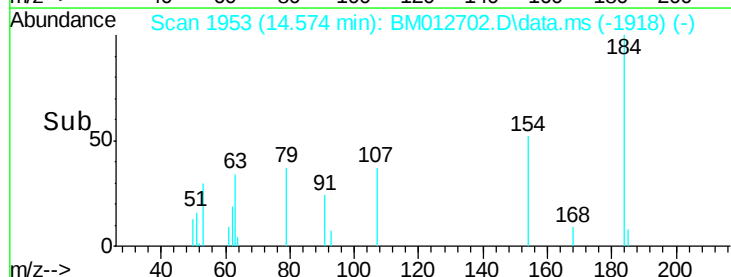
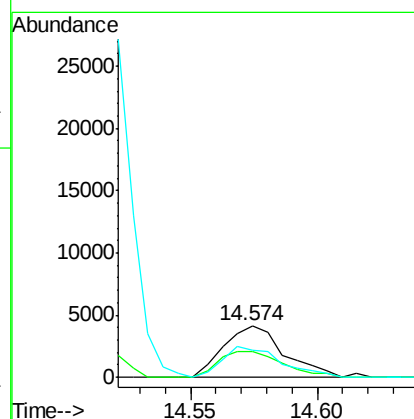
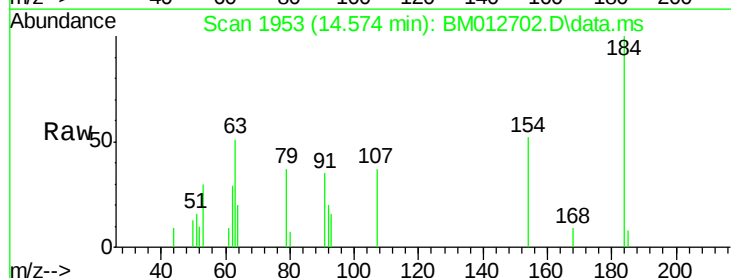
Tgt Ion:184 Resp: 6846

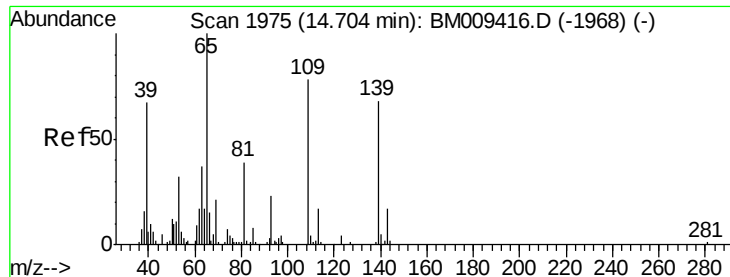
Ion Ratio Lower Upper

184 100

63 50.7 46.5 69.7

154 51.5 54.6 82.0#





#52

4-Nitrophenol

Concen: 3.46 ng/ul

RT: 14.669 min Scan# 19

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

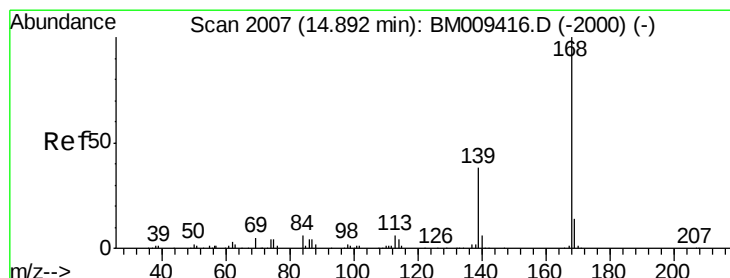
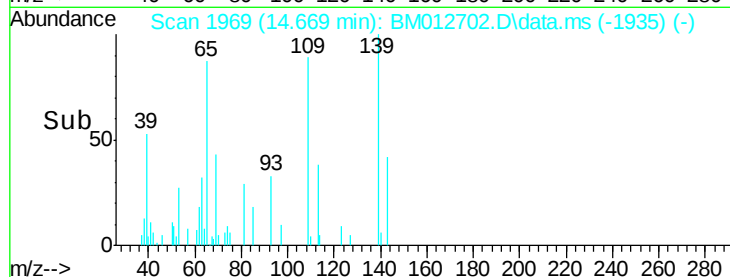
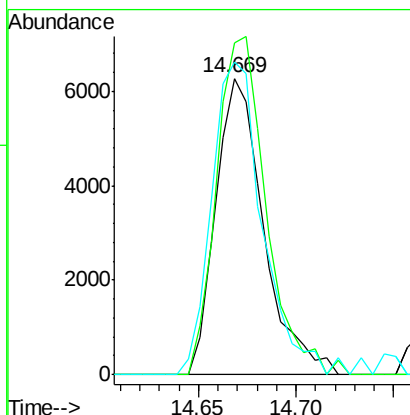
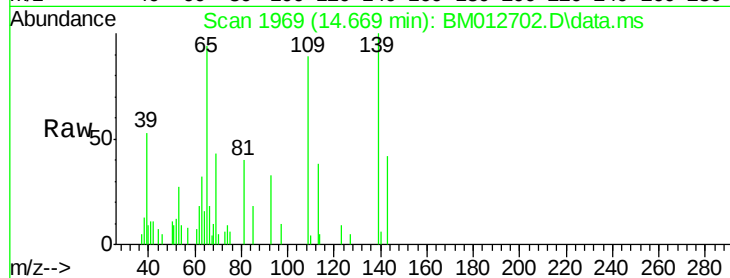
Tot Ion:109 Resp: 10686

Ion Ratio Lower Upper

109 100

139 112.2 103.7 155.5

65 105.8 89.4 134.2



#53

Dibenzofuran

Concen: 5.61 ng/ul

RT: 14.851 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BM012702.D

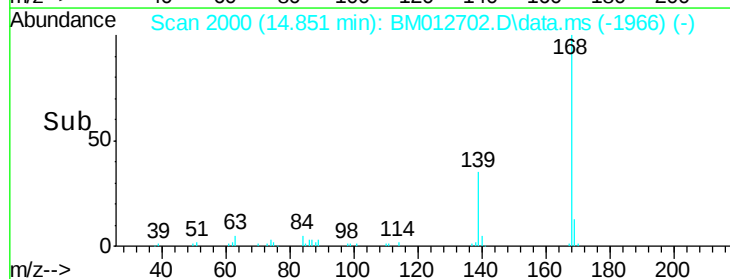
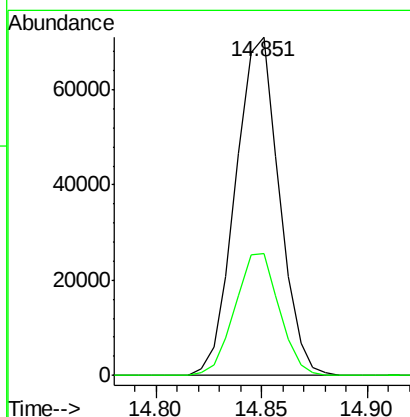
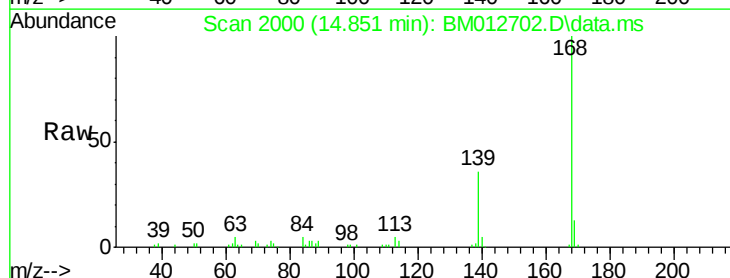
Acq: 04 Nov 2017 11:56

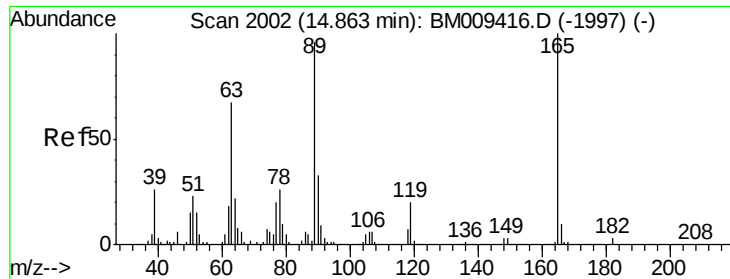
Tgt Ion:168 Resp: 101933

Ion Ratio Lower Upper

168 100

139 36.2 32.2 48.2

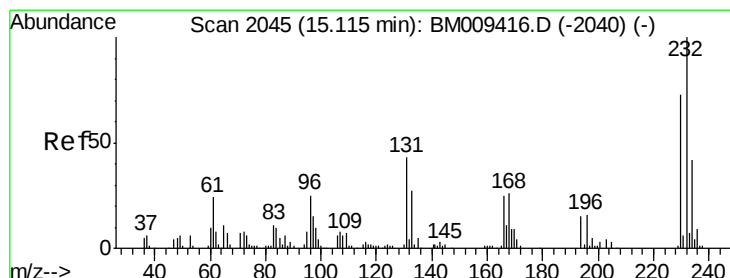
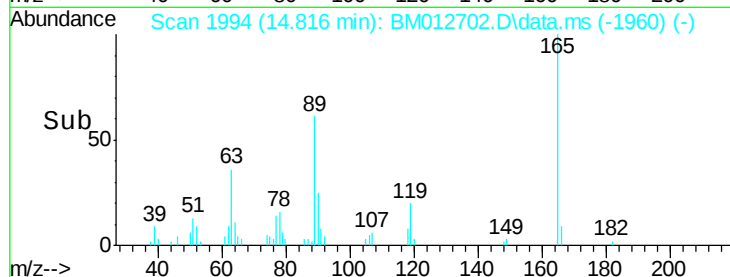
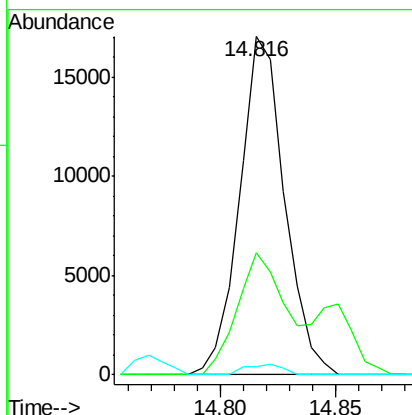
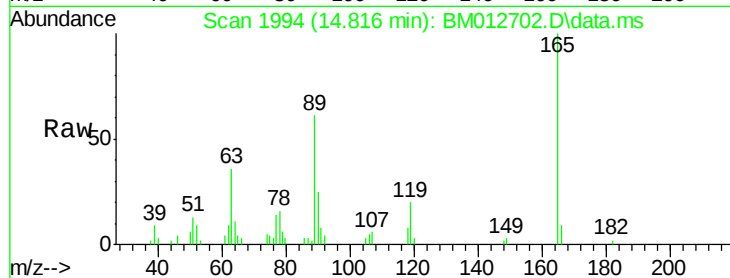




#54
 2,4-Dinitrotoluene
 Concen: 5.62 ng/ul
 RT: 14.816 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: BM012702.D
 Acq: 04 Nov 2017 11:56

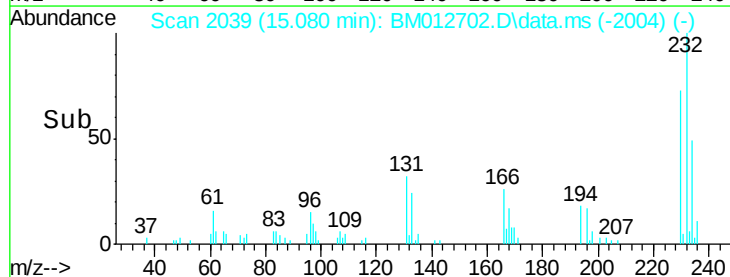
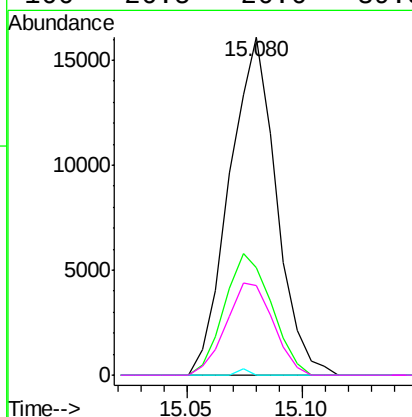
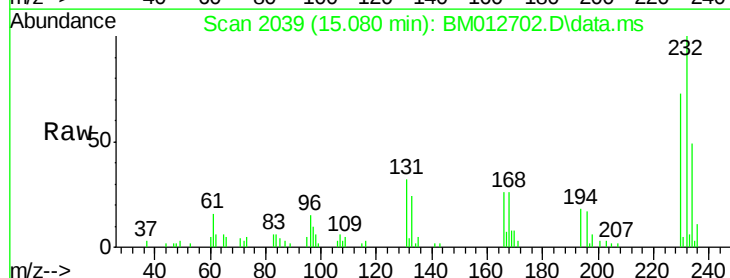
Instrument :
 BNA_M
 ClientSampleId :
 SST00587

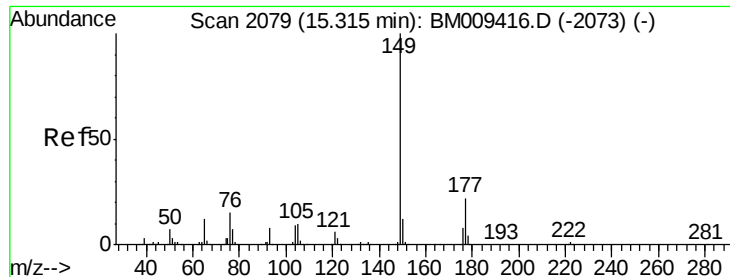
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.0	29.8	44.6
182	2.5	2.2	3.4



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 5.85 ng/ul
 RT: 15.080 min Scan# 2039
 Delta R.T. 0.006 min
 Lab File: BM012702.D
 Acq: 04 Nov 2017 11:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	31.7	39.4	59.2#
130	0.0	2.2	3.2#
166	26.5	26.6	39.8#





#56

Diethylphthalate

Concen: 5.72 ng/ul

RT: 15.268 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

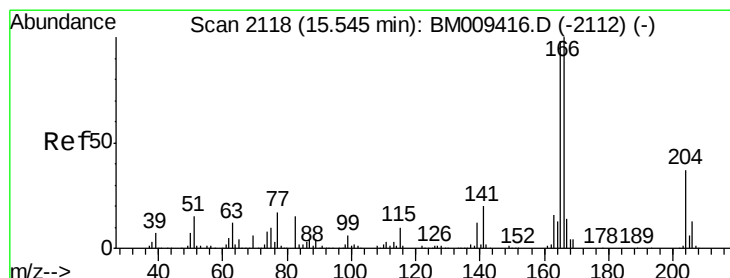
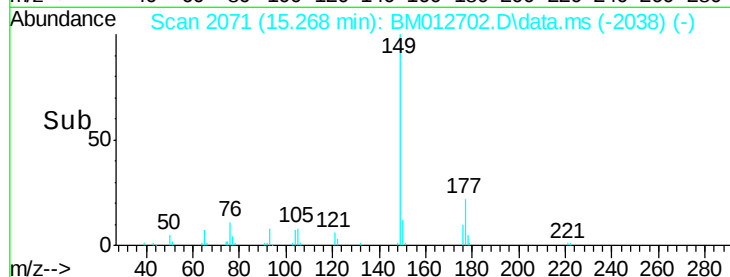
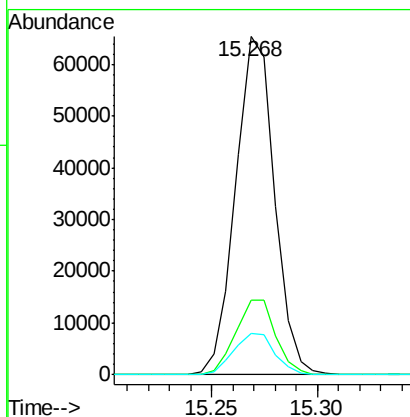
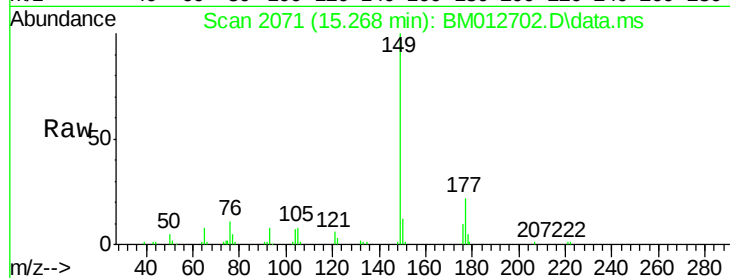
Tot Ion:149 Resp: 83574

Ion Ratio Lower Upper

149 100

177 22.0 17.4 26.2

150 12.3 10.0 15.0



#58

Fluorene

Concen: 5.72 ng/ul

RT: 15.498 min Scan# 2110

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

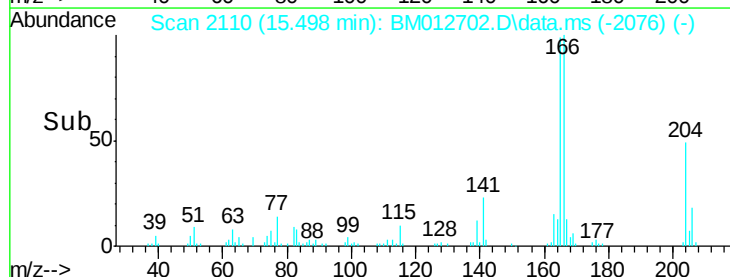
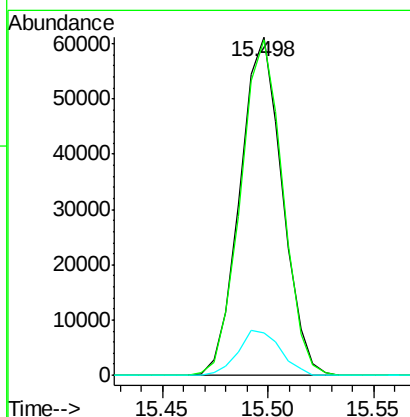
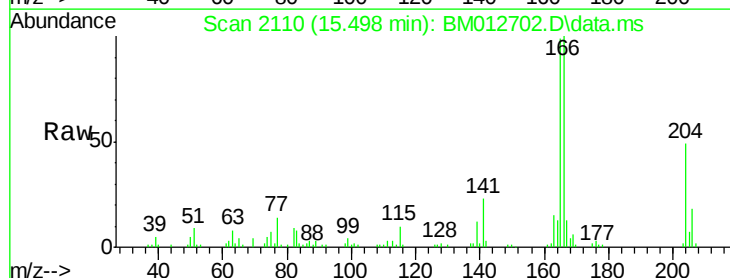
Tgt Ion:166 Resp: 84801

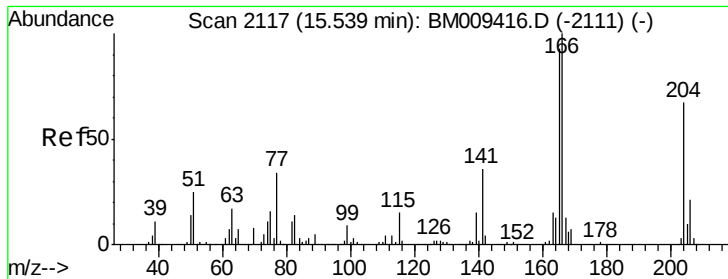
Ion Ratio Lower Upper

166 100

165 99.3 78.5 117.7

167 12.7 10.7 16.1

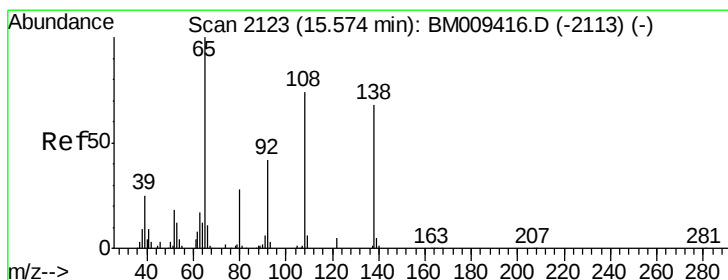
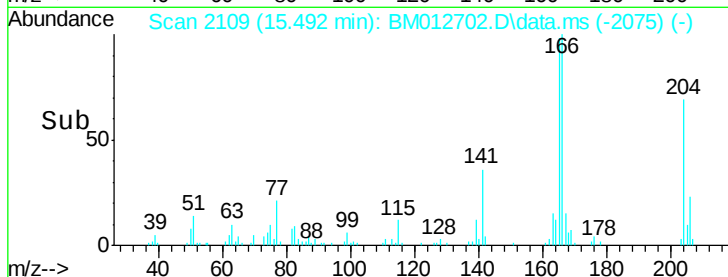
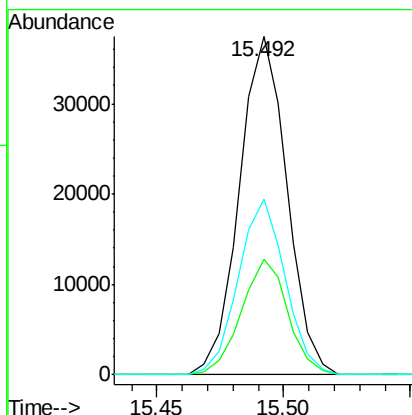
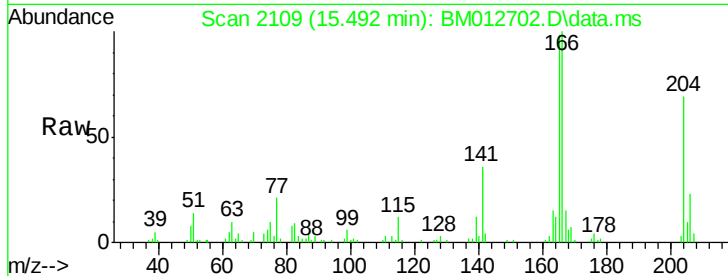




#59
4-Chlorophenyl-phenylether
Concen: 6.18 ng/ul
RT: 15.492 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

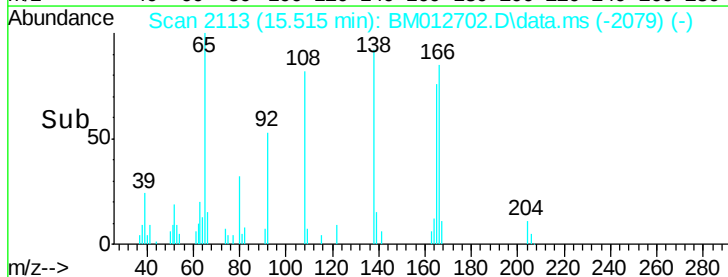
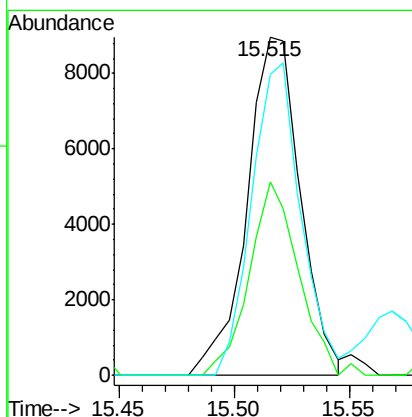
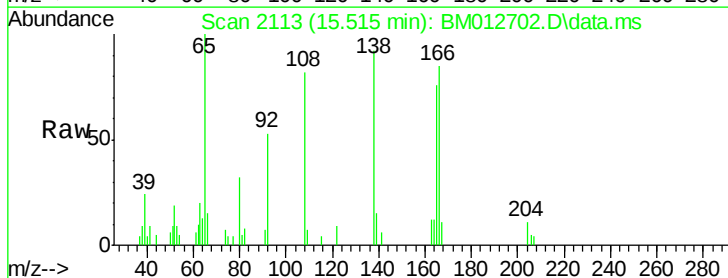
Instrument :
BNA_M
ClientSampleId :
SSTD00587

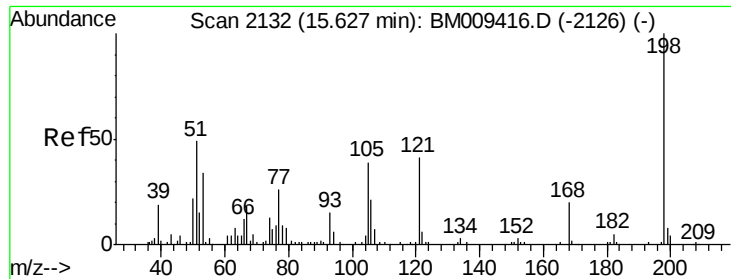
Tot Ion:204 Resp: 48854
Ion Ratio Lower Upper
204 100
206 34.1 26.2 39.4
141 51.9 54.6 81.8#



#60
4-Nitroaniline
Concen: 4.80 ng/ul
RT: 15.515 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

Tgt Ion:138 Resp: 14492
Ion Ratio Lower Upper
138 100
92 57.3 40.6 60.8
108 89.0 67.0 100.6

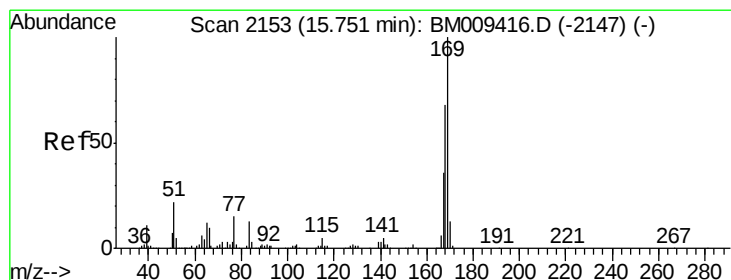
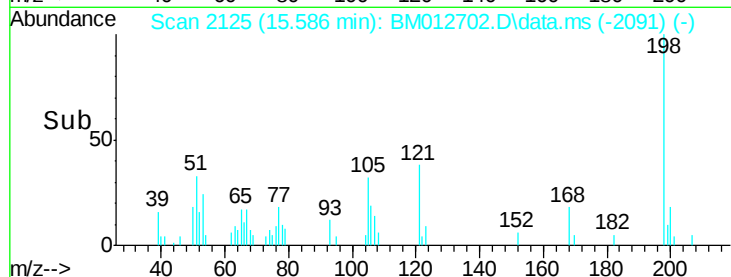
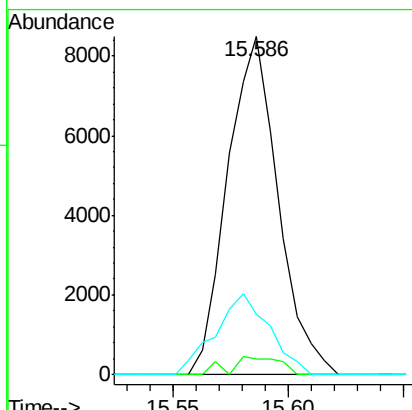
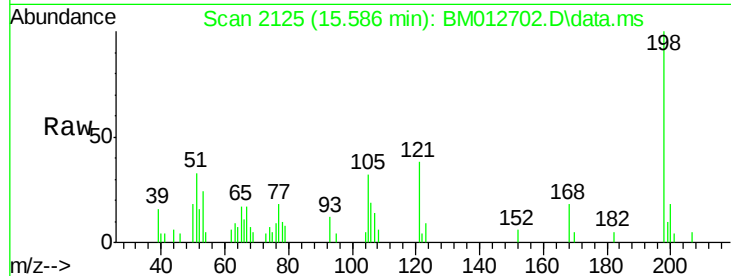




#63
 4,6-Dinitro-2-methylphenol
 Concen: 3.96 ng/ul
 RT: 15.586 min Scan# 2132
 Delta R.T. -0.000 min
 Lab File: BM012702.D
 Acq: 04 Nov 2017 11:56

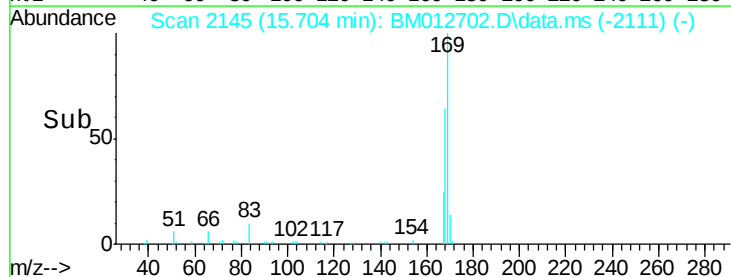
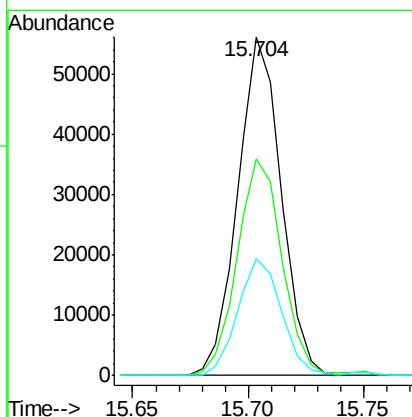
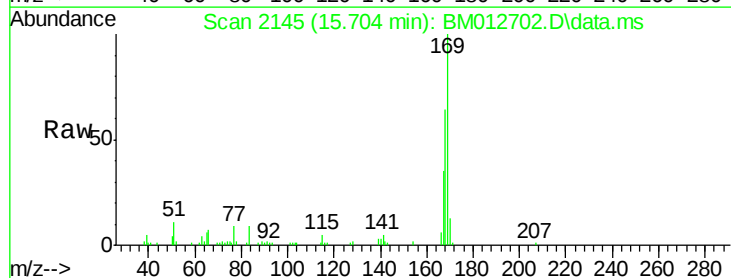
Instrument :
 BNA_M
 ClientSampleId :
 SST00587

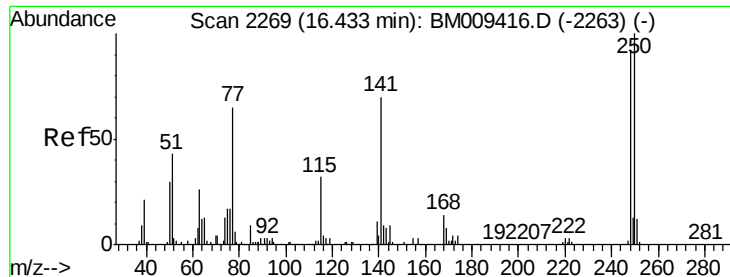
Tot Ion	Ratio	Lower	Upper
198	100		
182	4.6	3.1	4.7
77	17.8	20.1	30.1



#64
 N-Nitrosodiphenylamine
 Concen: 5.07 ng/ul
 RT: 15.704 min Scan# 2145
 Delta R.T. -0.000 min
 Lab File: BM012702.D
 Acq: 04 Nov 2017 11:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.0	53.8	80.8
167	34.6	29.3	43.9





#65

4-Bromophenyl-phenylether

Concen: 5.88 ng/ul

RT: 16.386 min Scan# 22

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

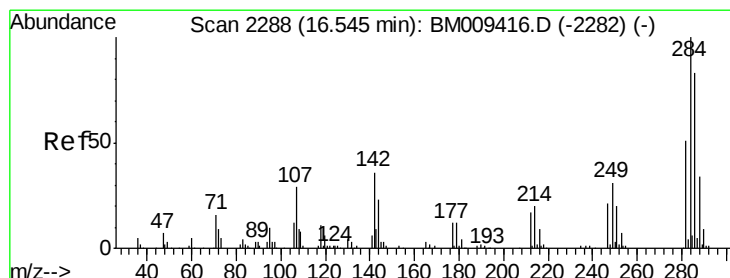
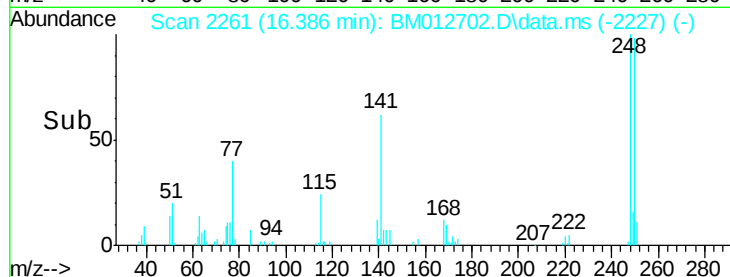
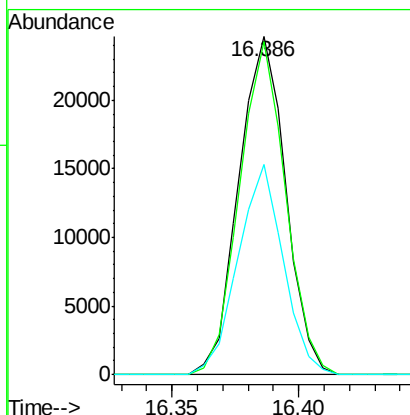
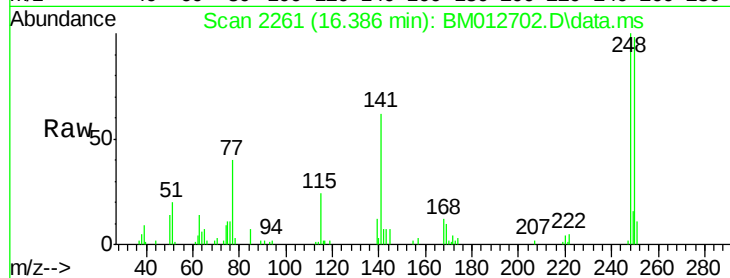
Tot Ion:248 Resp: 31662

Ion Ratio Lower Upper

248 100

250 98.3 78.7 118.1

141 62.3 72.2 108.2#



#66

Hexachlorobenzene

Concen: 5.85 ng/ul

RT: 16.504 min Scan# 2281

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

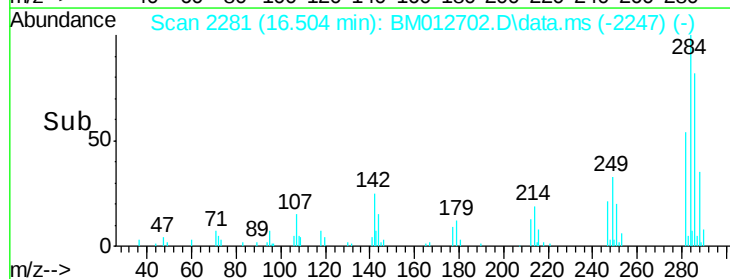
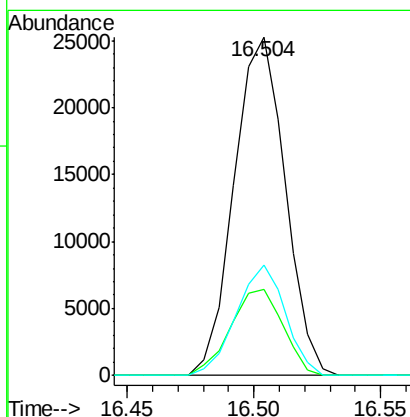
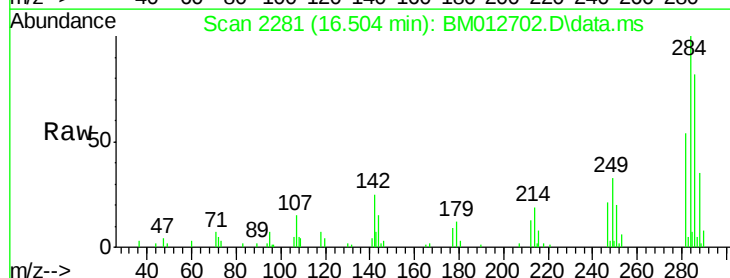
Tgt Ion:284 Resp: 35505

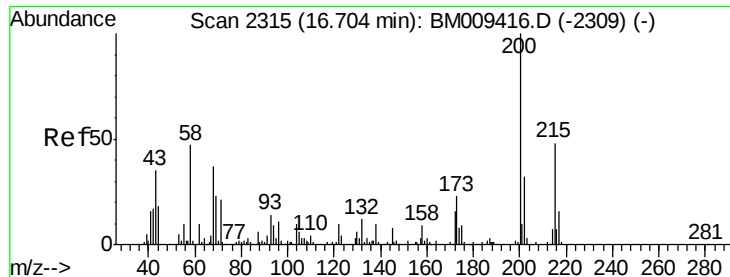
Ion Ratio Lower Upper

284 100

142 25.3 33.1 49.7#

249 35.4 27.1 40.7





#67

Atrazine

Concen: 5.13 ng/ul

RT: 16.657 min Scan# 2315

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

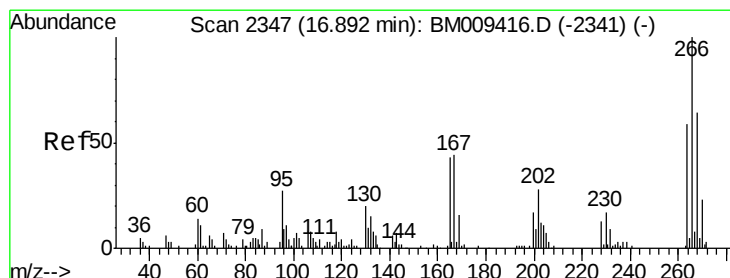
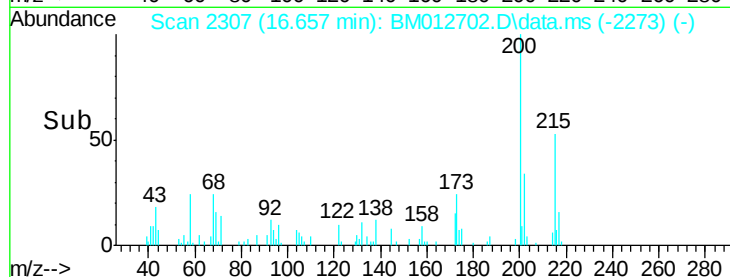
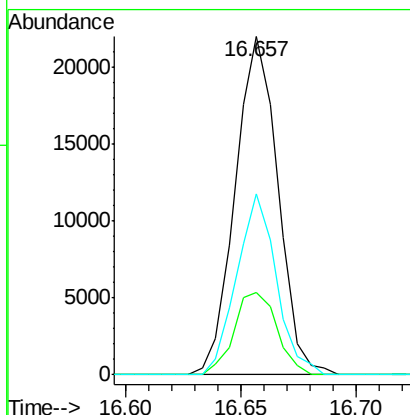
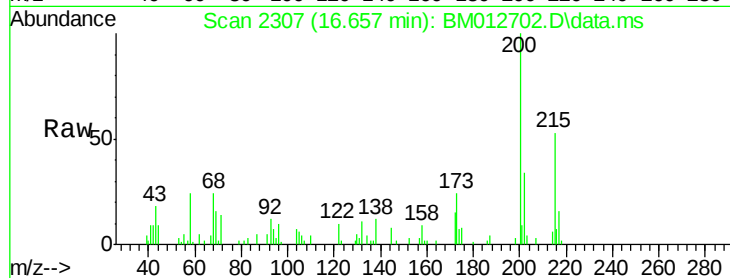
Tot Ion:200 Resp: 28391

Ion Ratio Lower Upper

200 100

173 24.1 21.6 32.4

215 53.4 37.0 55.4



#68

Pentachlorophenol

Concen: 4.51 ng/ul

RT: 16.851 min Scan# 2340

Delta R.T. 0.006 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

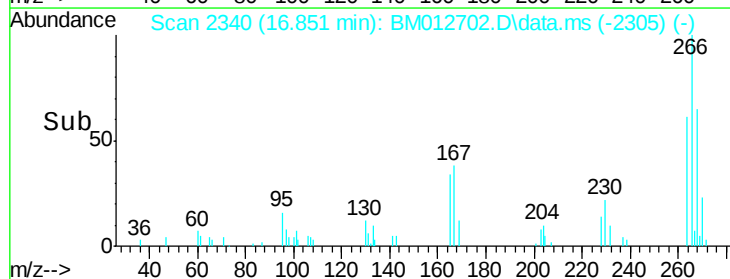
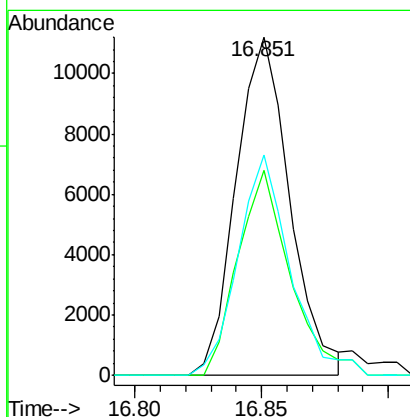
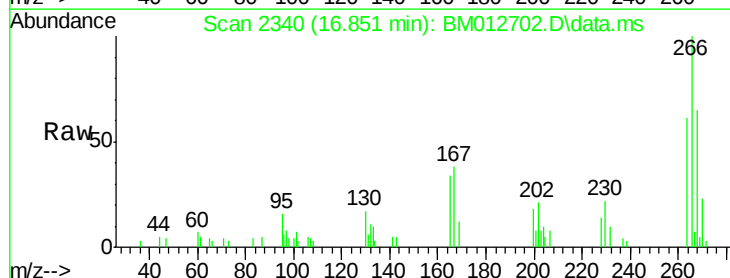
Tgt Ion:266 Resp: 16570

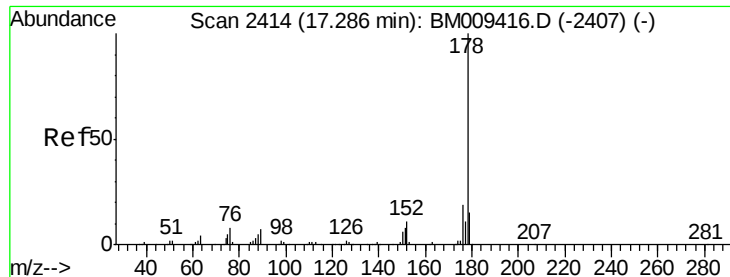
Ion Ratio Lower Upper

266 100

264 60.6 50.5 75.7

268 65.3 50.9 76.3





#69

Phenanthrene

Concen: 4.90 ng/ul

RT: 17.233 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

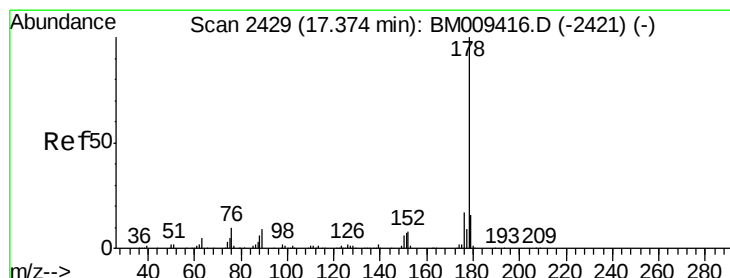
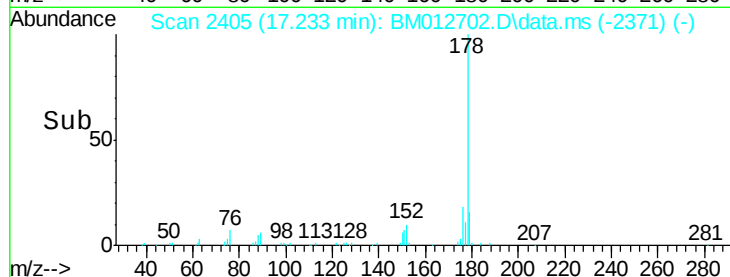
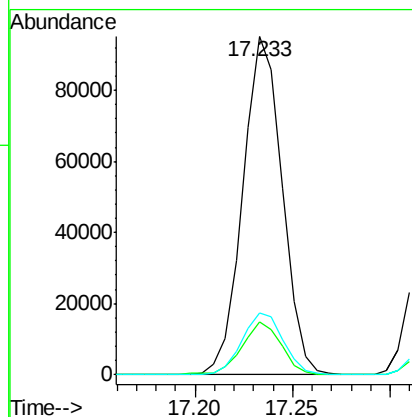
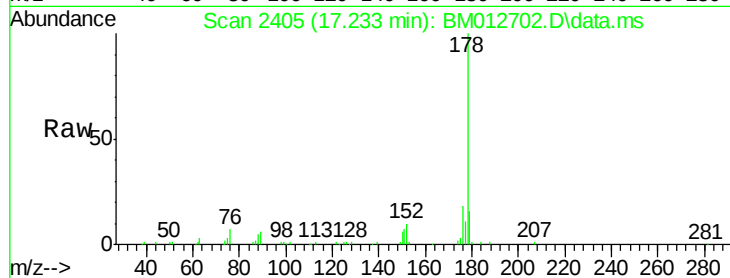
Tot Ion:178 Resp: 132603

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 18.2 15.6 23.4



#71

Anthracene

Concen: 4.83 ng/ul

RT: 17.327 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

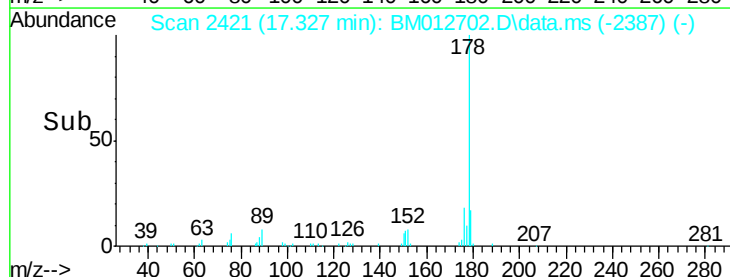
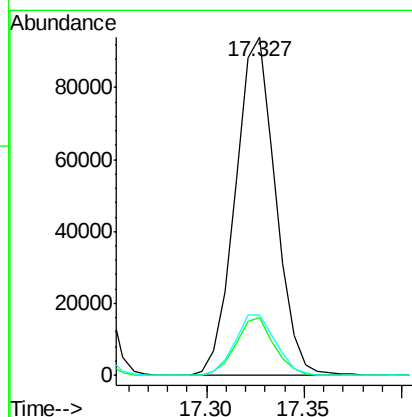
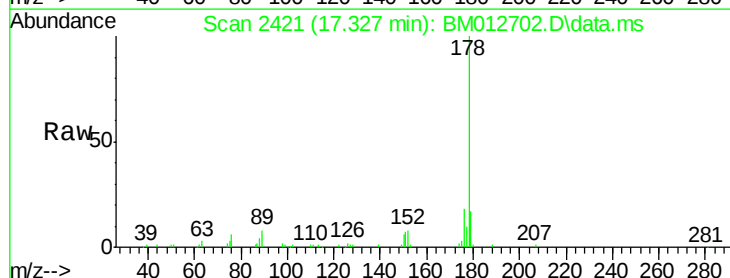
Tgt Ion:178 Resp: 133879

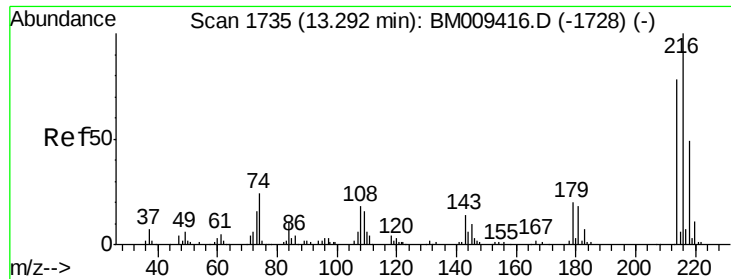
Ion Ratio Lower Upper

178 100

179 17.1 12.1 18.1

176 18.0 14.8 22.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 5.39 ng/uL

RT: 13.245 min Scan# 17

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

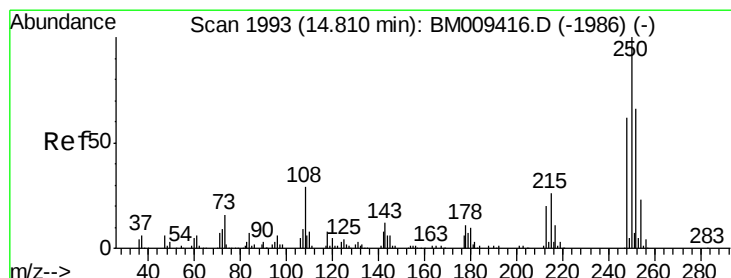
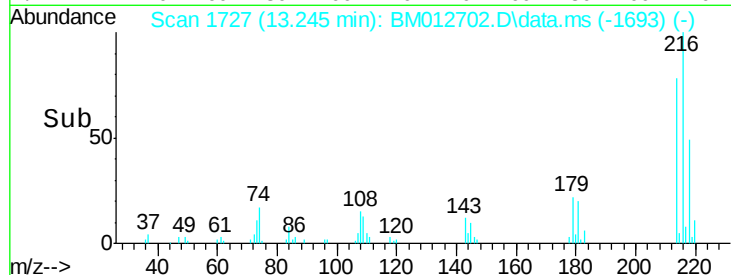
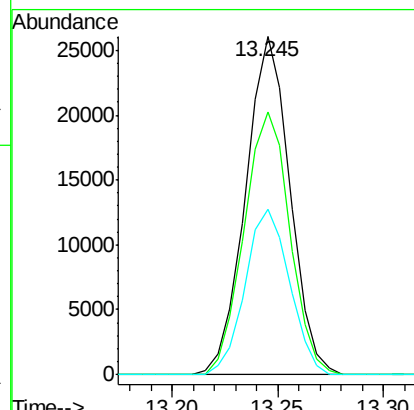
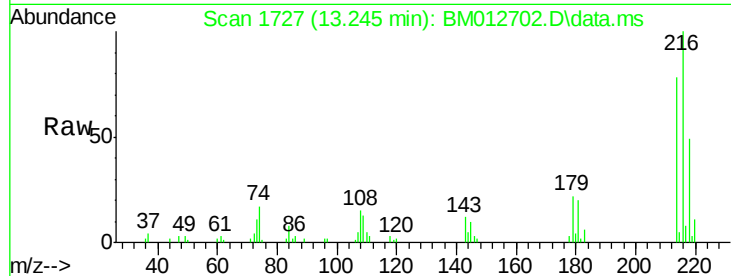
Tot Ion:216 Resp: 38133

Ion Ratio Lower Upper

216 100

214 77.6 62.5 93.7

218 49.0 38.4 57.6



#73

Pentachlorobenzene

Concen: 5.80 ng/uL

RT: 14.768 min Scan# 1986

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

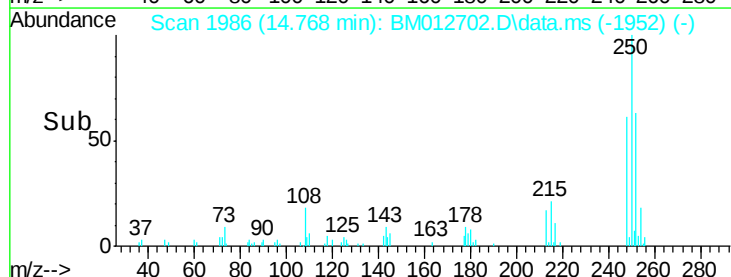
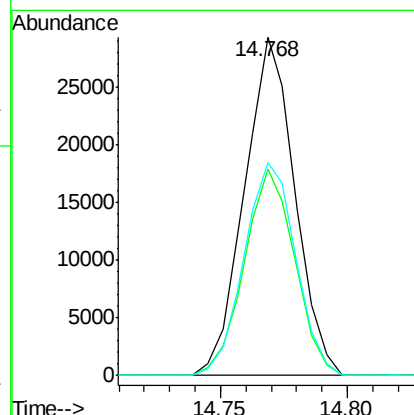
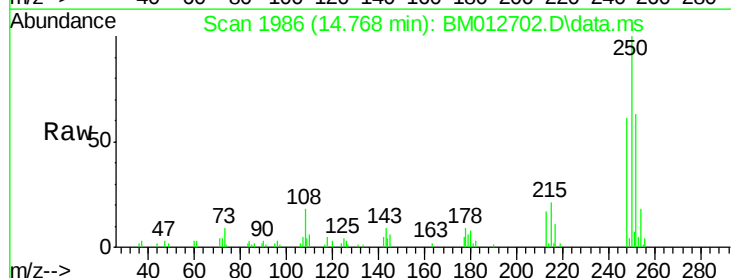
Tgt Ion:250 Resp: 40544

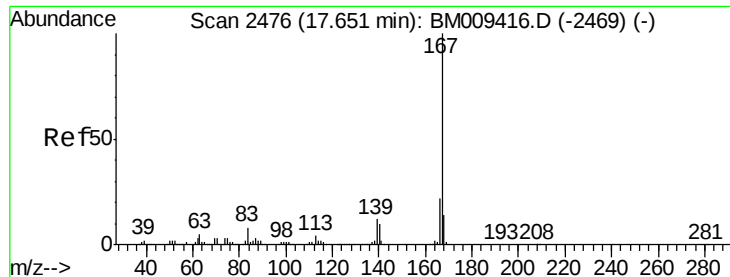
Ion Ratio Lower Upper

250 100

248 61.0 50.6 75.8

252 62.9 51.4 77.0





#74

Carbazole

Concen: 4.44 ng/ul

RT: 17.598 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

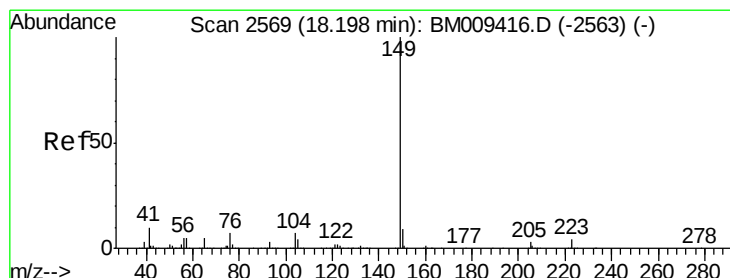
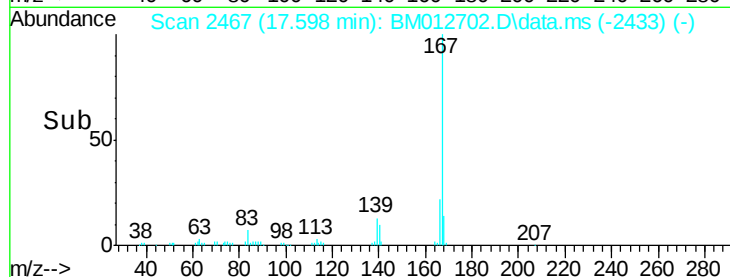
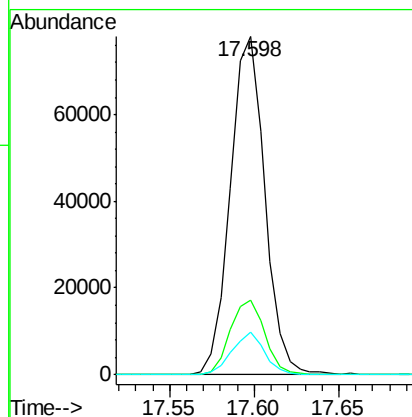
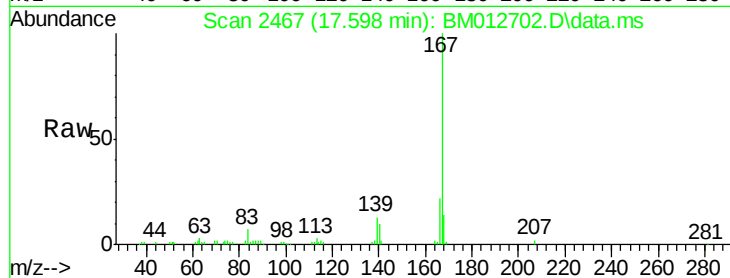
Tot Ion:167 Resp: 110926

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.6

139 12.5 11.0 16.4



#75

Di-n-butylphthalate

Concen: 4.74 ng/ul

RT: 18.162 min Scan# 2563

Delta R.T. 0.006 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

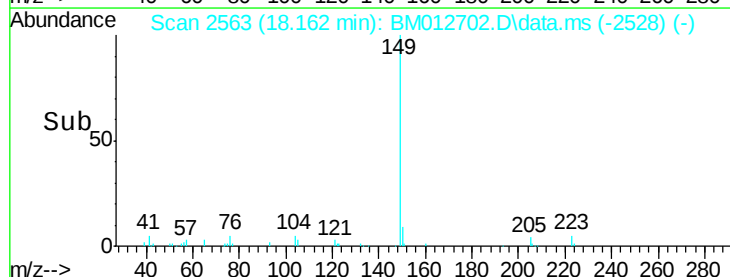
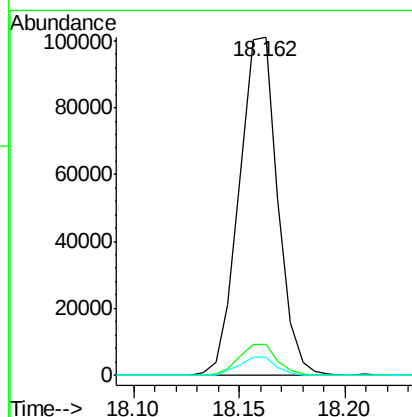
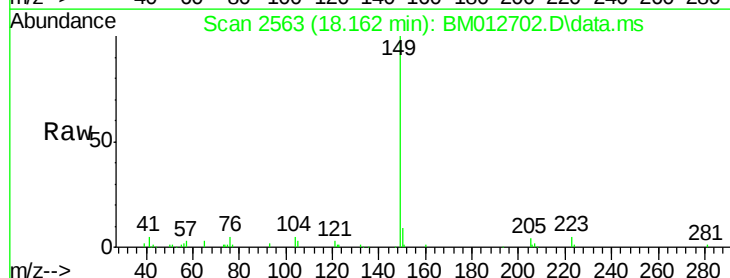
Tgt Ion:149 Resp: 127704

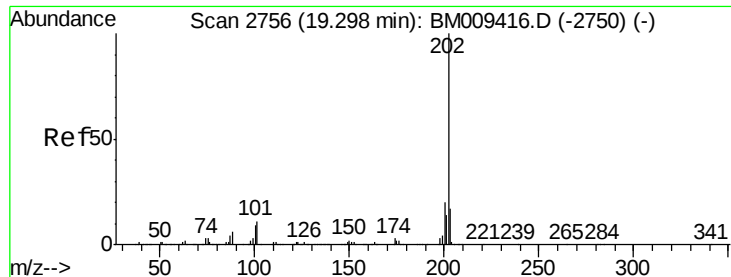
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.5 4.0 6.0

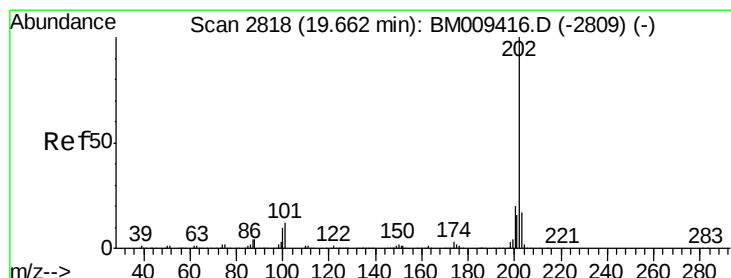
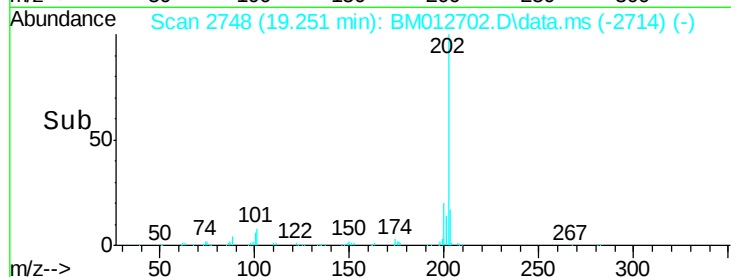
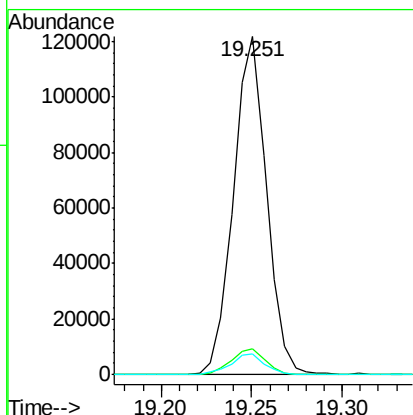
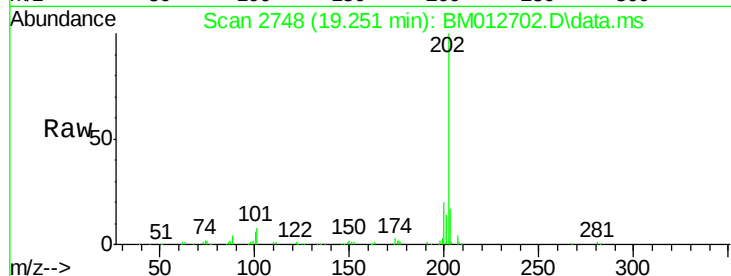




#76
Fluoranthene
Concen: 4.72 ng/ul
RT: 19.251 min Scan# 27
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

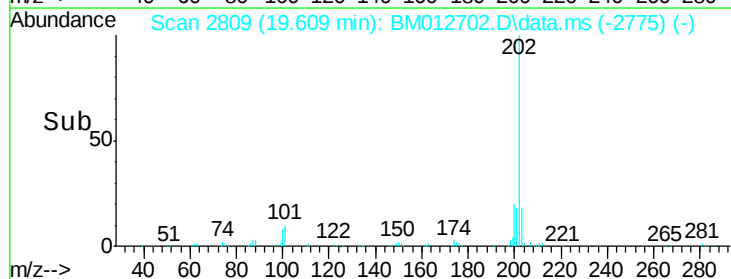
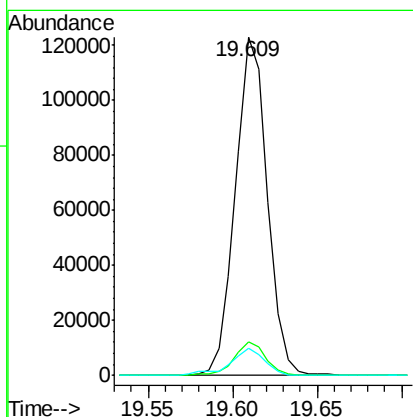
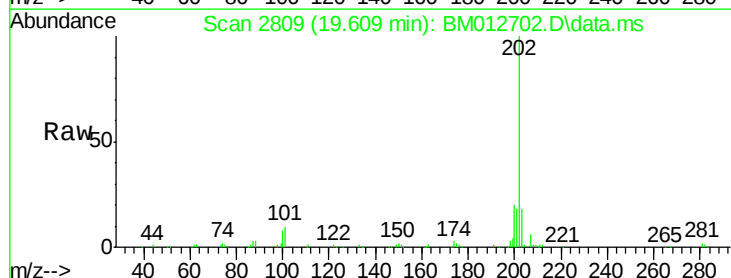
Instrument :
BNA_M
ClientSampleId :
SSTD00587

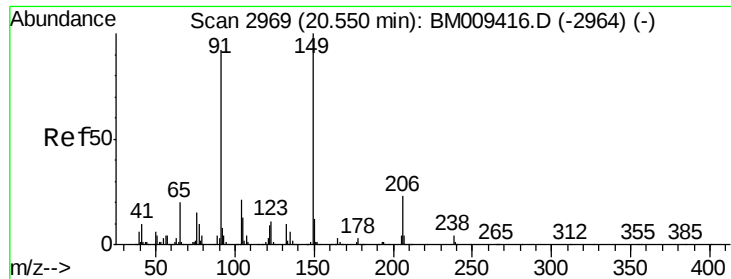
Tot Ion:	202	Resp:	154301
Ion Ratio	Lower	Upper	
202	100		
101	7.7	8.8	13.2#
100	6.1	6.6	9.8#



#79
Pyrene
Concen: 5.79 ng/ul
RT: 19.609 min Scan# 2809
Delta R.T. -0.000 min
Lab File: BM012702.D
Acq: 04 Nov 2017 11:56

Tgt Ion:	202	Resp:	161633
Ion Ratio	Lower	Upper	
202	100		
101	9.7	10.2	15.2#
100	8.0	8.5	12.7#





#80

Butylbenzylphthalate

Concen: 5.39 ng/ul

RT: 20.509 min Scan# 29

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

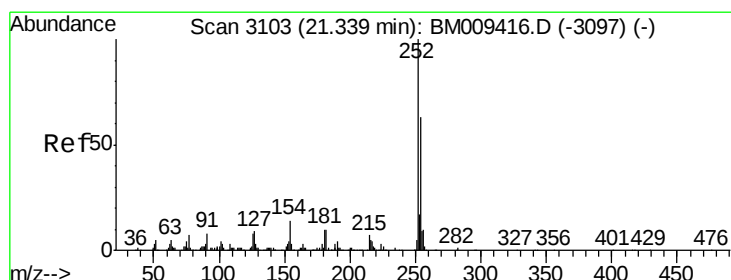
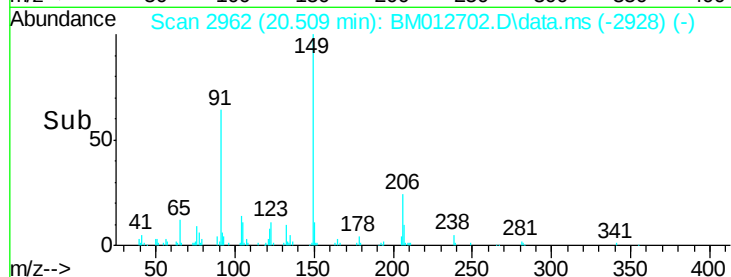
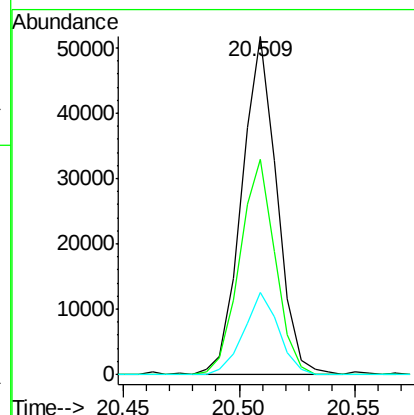
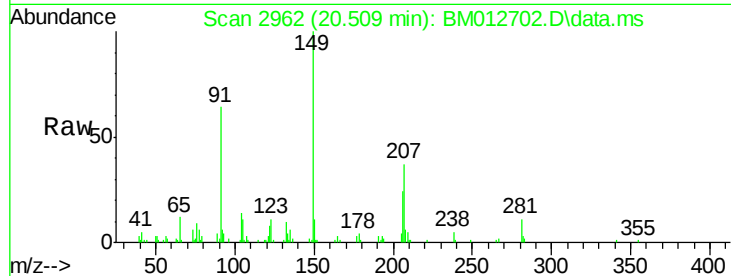
Tot Ion:149 Resp: 54892

Ion Ratio Lower Upper

149 100

91 63.8 53.4 80.2

206 24.3 16.6 24.8



#81

3,3'-Dichlorobenzidine

Concen: 5.19 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

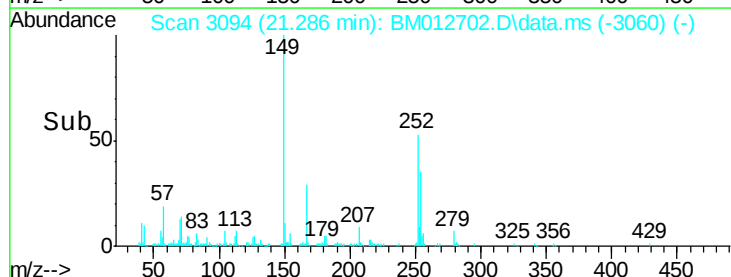
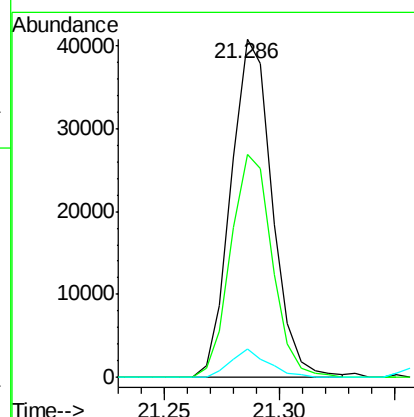
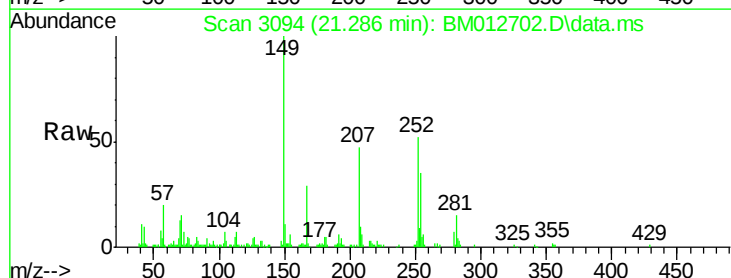
Tgt Ion:252 Resp: 50592

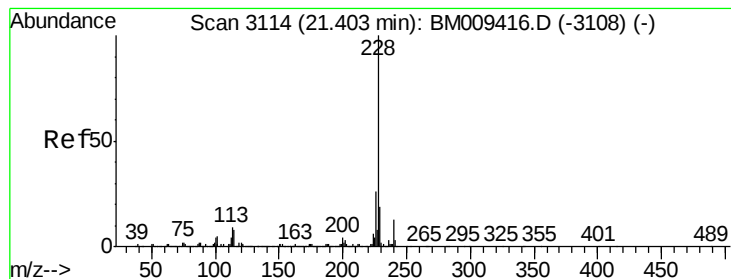
Ion Ratio Lower Upper

252 100

254 66.0 52.2 78.2

126 8.4 9.4 14.2#





#82

Benzo(a)anthracene

Concen: 5.48 ng/ul

RT: 21.356 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

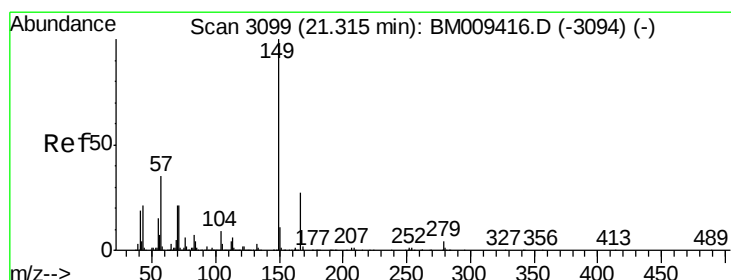
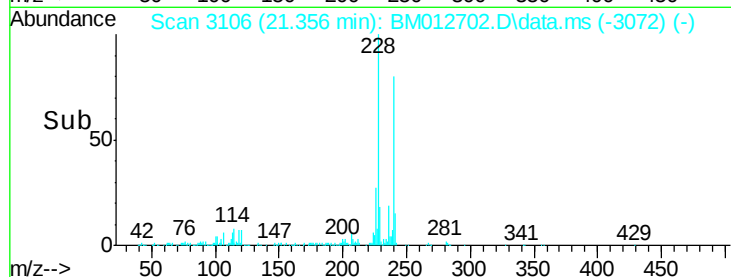
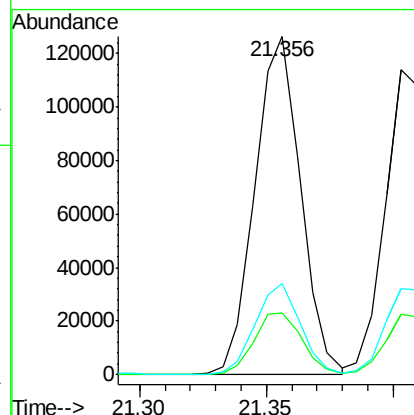
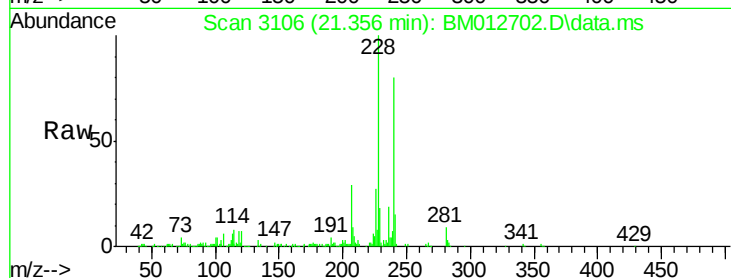
Tot Ion:228 Resp: 158191

Ion Ratio Lower Upper

228 100

229 18.1 15.7 23.5

226 27.1 21.8 32.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.23 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

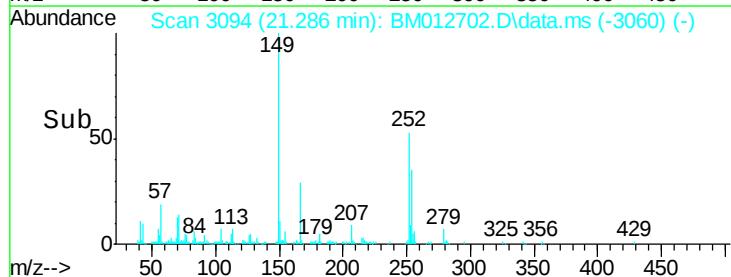
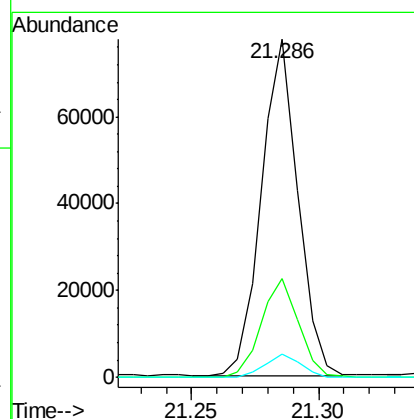
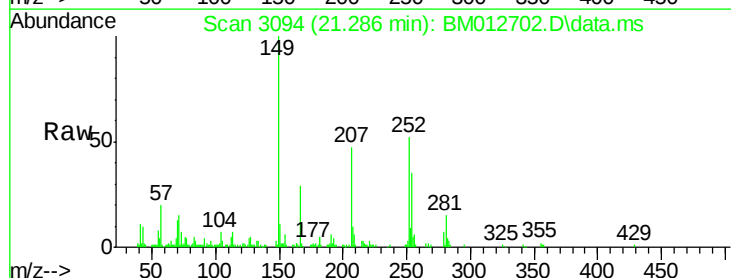
Tgt Ion:149 Resp: 78076

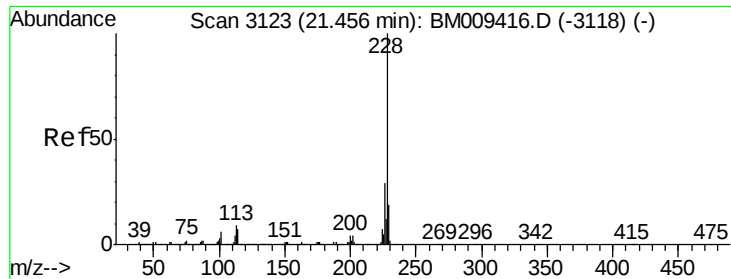
Ion Ratio Lower Upper

149 100

167 29.3 21.6 32.4

279 6.7 3.0 4.4#





#84

Chrysene

Concen: 5.23 ng/ul

RT: 21.403 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

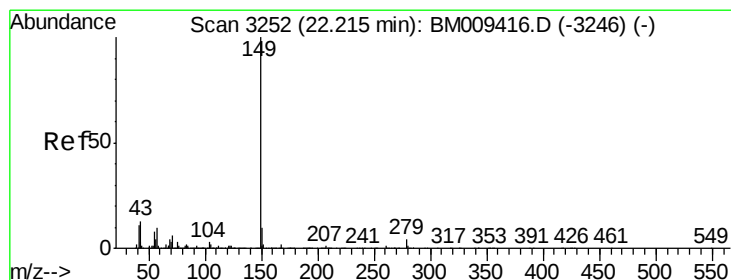
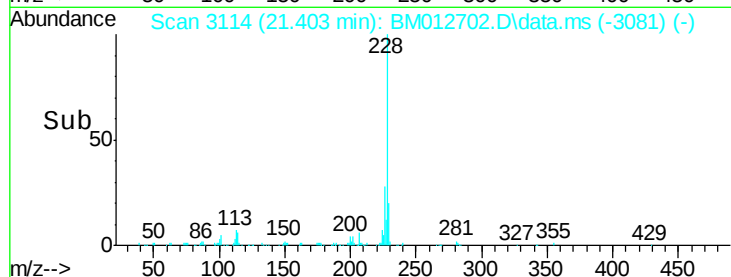
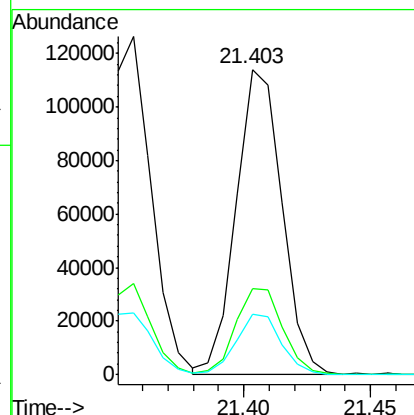
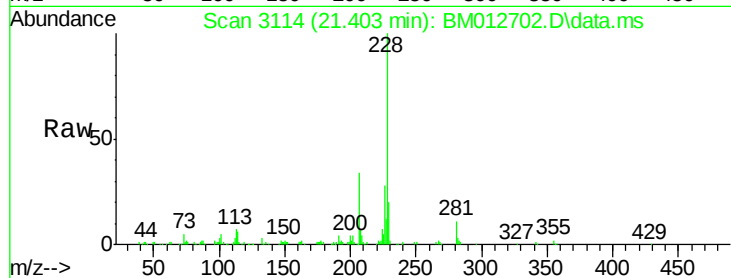
Tot Ion:228 Resp: 143162

Ion Ratio Lower Upper

228 100

226 28.2 24.0 36.0

229 19.7 15.6 23.4



#86

Di-n-octyl phthalate

Concen: 4.45 ng/ul

RT: 22.174 min Scan# 3245

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

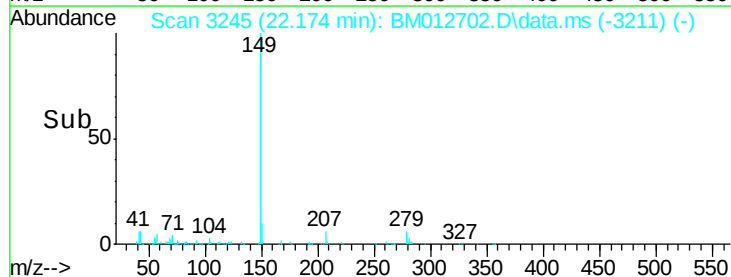
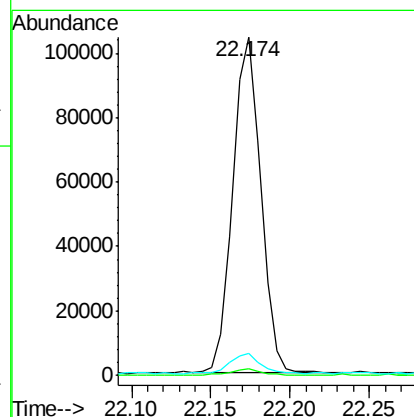
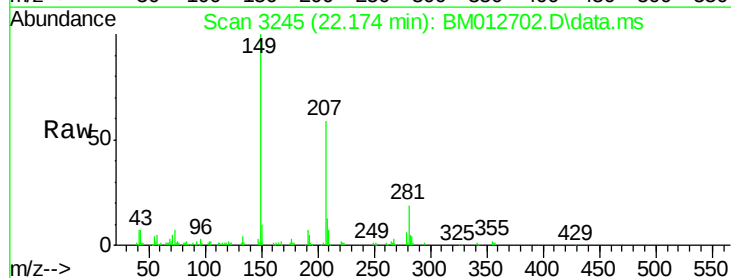
Tgt Ion:149 Resp: 127831

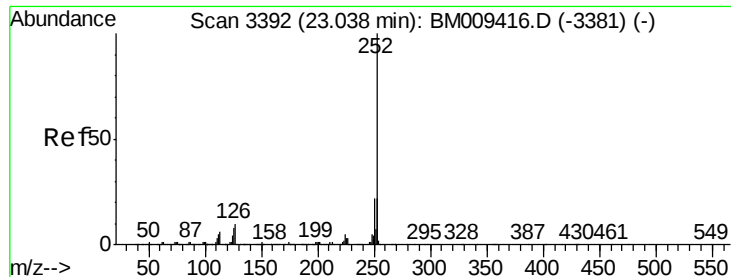
Ion Ratio Lower Upper

149 100

167 2.0 1.2 1.8#

43 6.6 5.6 8.4





#87

Benzo(b)fluoranthene

Concen: 5.09 ng/ul

RT: 22.962 min Scan# 33

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

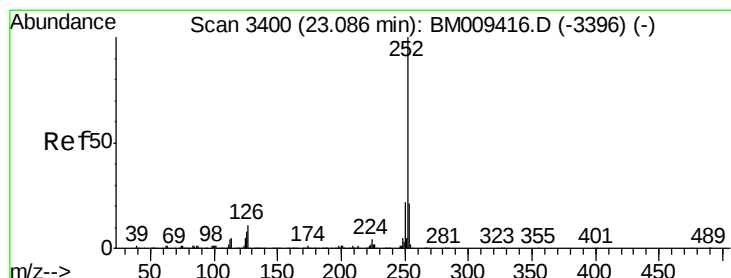
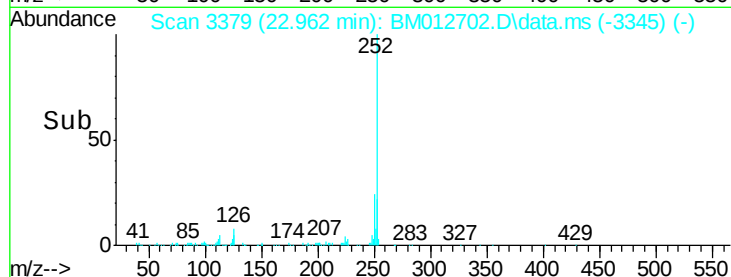
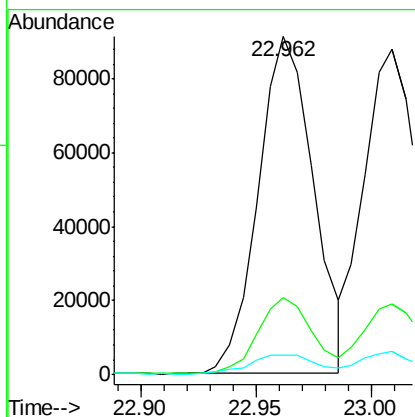
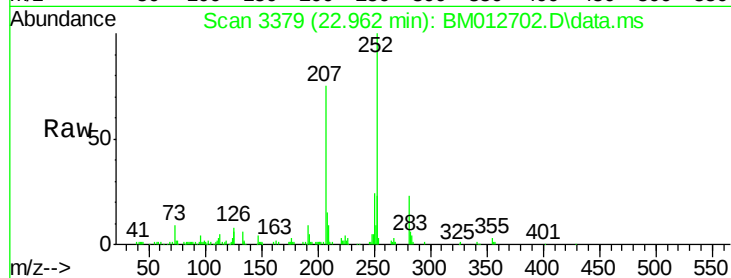
Instrument :

BNA_M

ClientSampleId :

SSTD00587

Tot Ion:	252	Resp:	151919
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.5	26.3
125	5.6	8.5	12.7#



#88

Benzo(k)fluoranthene

Concen: 5.11 ng/ul

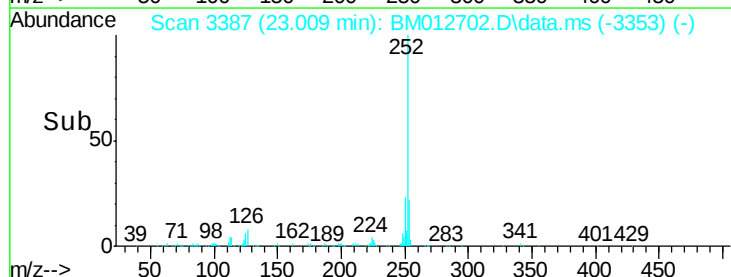
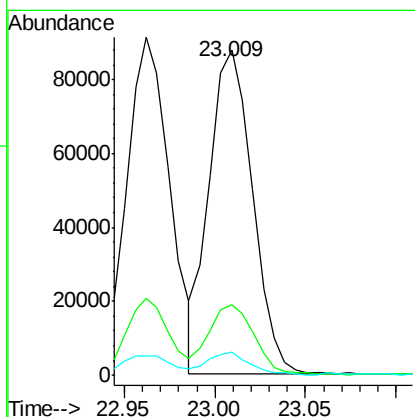
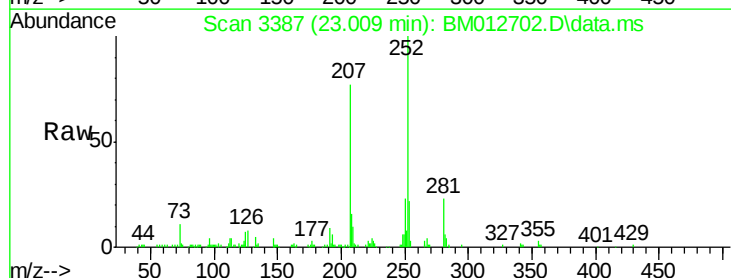
RT: 23.009 min Scan# 3387

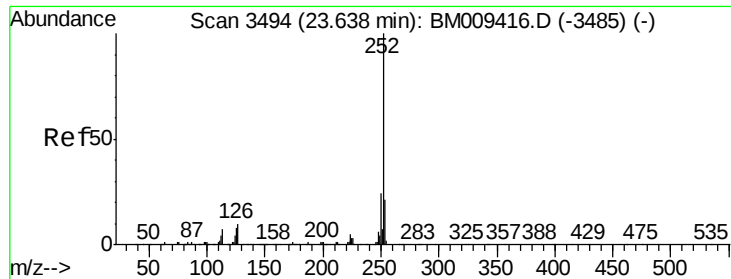
Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Tgt Ion:	252	Resp:	145390
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	7.0	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 5.04 ng/ul

RT: 23.550 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

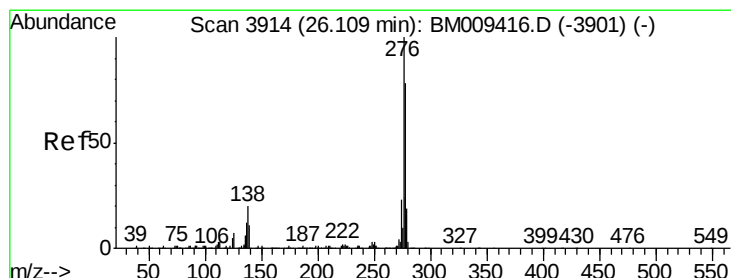
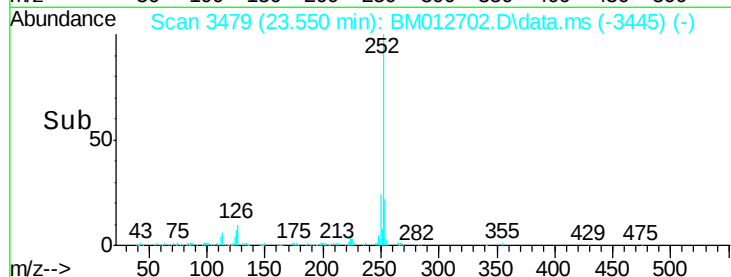
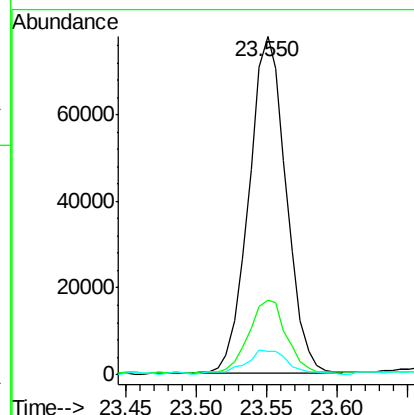
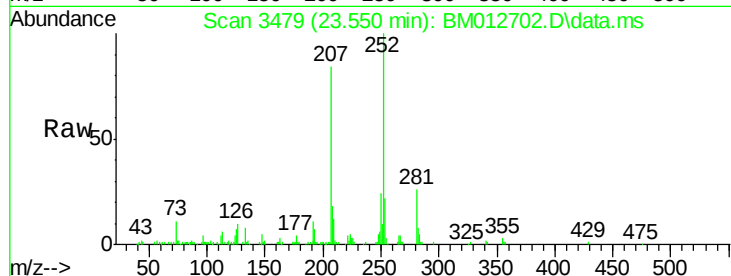
Tot Ion:252 Resp: 143519

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 6.9 9.0 13.6#



#91

Indeno(1,2,3-cd)pyrene

Concen: 5.26 ng/ul

RT: 25.956 min Scan# 3888

Delta R.T. -0.006 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

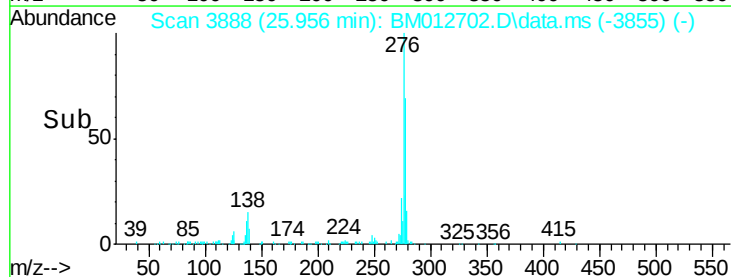
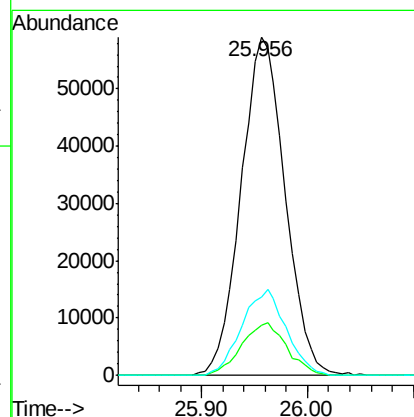
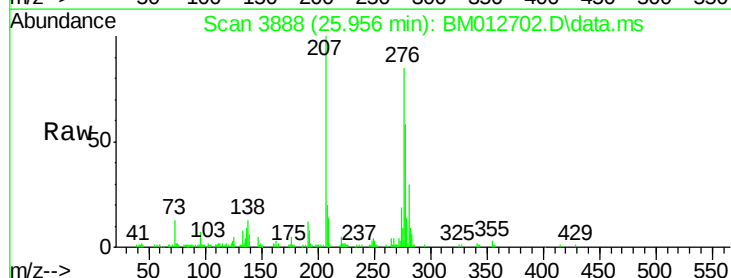
Tgt Ion:276 Resp: 170574

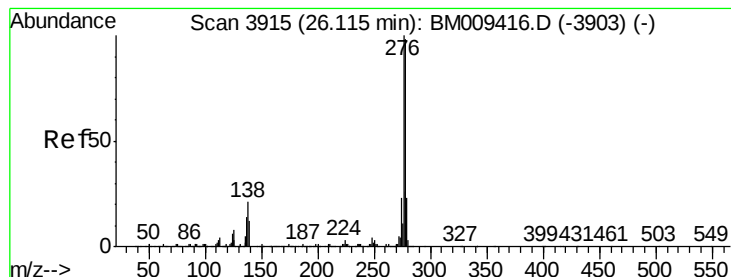
Ion Ratio Lower Upper

276 100

138 14.8 22.3 33.5#

277 23.1 20.2 30.2





#92

Dibenzo(a,h)anthracene

Concen: 5.19 ng/ul

RT: 25.968 min Scan# 38

Delta R.T. -0.006 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD00587

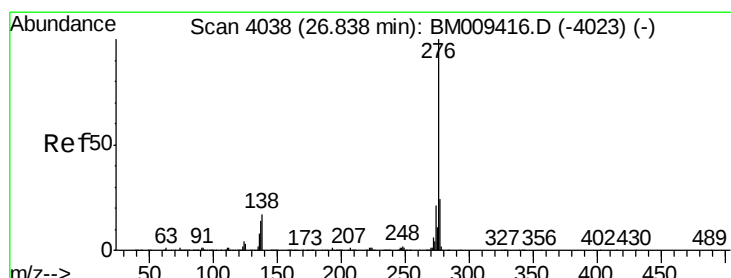
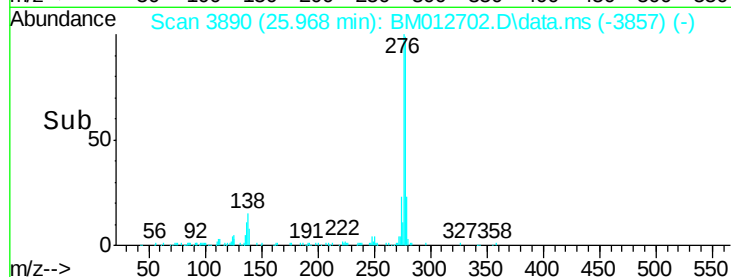
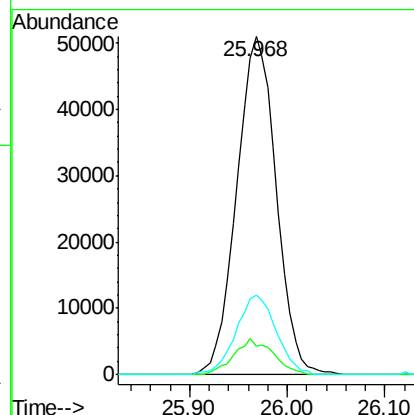
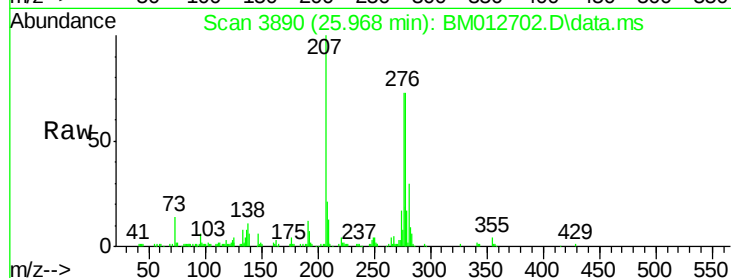
Tot Ion:278 Resp: 144016

Ion Ratio Lower Upper

278 100

139 8.4 13.9 20.9#

279 23.6 19.0 28.4



#93

Benzo(g,h,i)perylene

Concen: 5.27 ng/ul

RT: 26.662 min Scan# 4008

Delta R.T. -0.006 min

Lab File: BM012702.D

Acq: 04 Nov 2017 11:56

Tgt Ion:276 Resp: 142287

Ion Ratio Lower Upper

276 100

138 13.0 18.9 28.3#

277 23.5 19.2 28.8

