

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
 Data File : BM012421.D
 Acq On : 24 Oct 2017 17:32
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

Quant Time: Oct 25 00:05:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 24 14:58:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	357656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1603785	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1114121	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2841979	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	3408515	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	3457957	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	54581	7.79	ng/uL	0.00
5) Phenol-d5	7.04	99	562007	18.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	342283	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	423306	18.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	488600	19.13	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	197769	19.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	202086	19.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	517308	18.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	628225	21.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1813675	18.63	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2148141	18.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	276215	19.09	ng/ul	0.00
57) Fluorene-d10	15.50	176	1537699	18.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	230751	16.78	ng/ul	0.00
70) Anthracene-d10	17.34	188	2504668	18.49	ng/ul	0.00
76) Pyrene-d10	19.63	212	2923666	18.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	3058574	18.62	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.40	88	57463	7.68	ng/uL# 70
4) Benzaldehyde	7.02	77	396037	24.38	ng/ul 96
6) Phenol	7.07	94	581477	18.69	ng/ul 90
8) Bis(2-Chloroethyl)ether	7.30	93	440634	19.26	ng/ul 97
10) 2-Chlorophenol	7.45	128	439905	19.21	ng/ul 96
11) 2-Methylphenol	8.32	108	445227	18.98	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.42	45	496048	19.73	ng/ul# 79
14) Acetophenone	8.70	105	779141	19.42	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.69	70	432820	19.77	ng/ul# 66
16) 4-Methylphenol	8.65	108	489678	19.07	ng/ul 93
17) Hexachloroethane	8.96	117	181714	18.72	ng/ul 86
20) Nitrobenzene	9.07	77	582500	20.13	ng/ul 98
21) Isophorone	9.60	82	1153693	18.84	ng/ul 95
23) 2-Nitrophenol	9.79	139	228675	19.89	ng/ul# 84
24) 2,4-Dimethylphenol	9.85	107	608074	18.80	ng/ul 90
25) Bis(2-Chloroethoxy)methane	10.09	93	648940	18.86	ng/ul 95
27) 2,4-Dichlorophenol	10.32	162	506690	18.95	ng/ul# 87
28) Naphthalene	10.72	128	1478569	18.59	ng/ul 100
30) 4-Chloroaniline	10.83	127	621716	21.36	ng/ul 94
31) Hexachlorobutadiene	11.02	225	377610	18.41	ng/ul 95
32) Caprolactam	11.59	113	93666	10.82	ng/ul# 40
33) 4-Chloro-3-methylphenol	11.95	107	575024	19.14	ng/ul 98
34) 2-Methylnaphthalene	12.33	142	1213398	18.79	ng/ul 94

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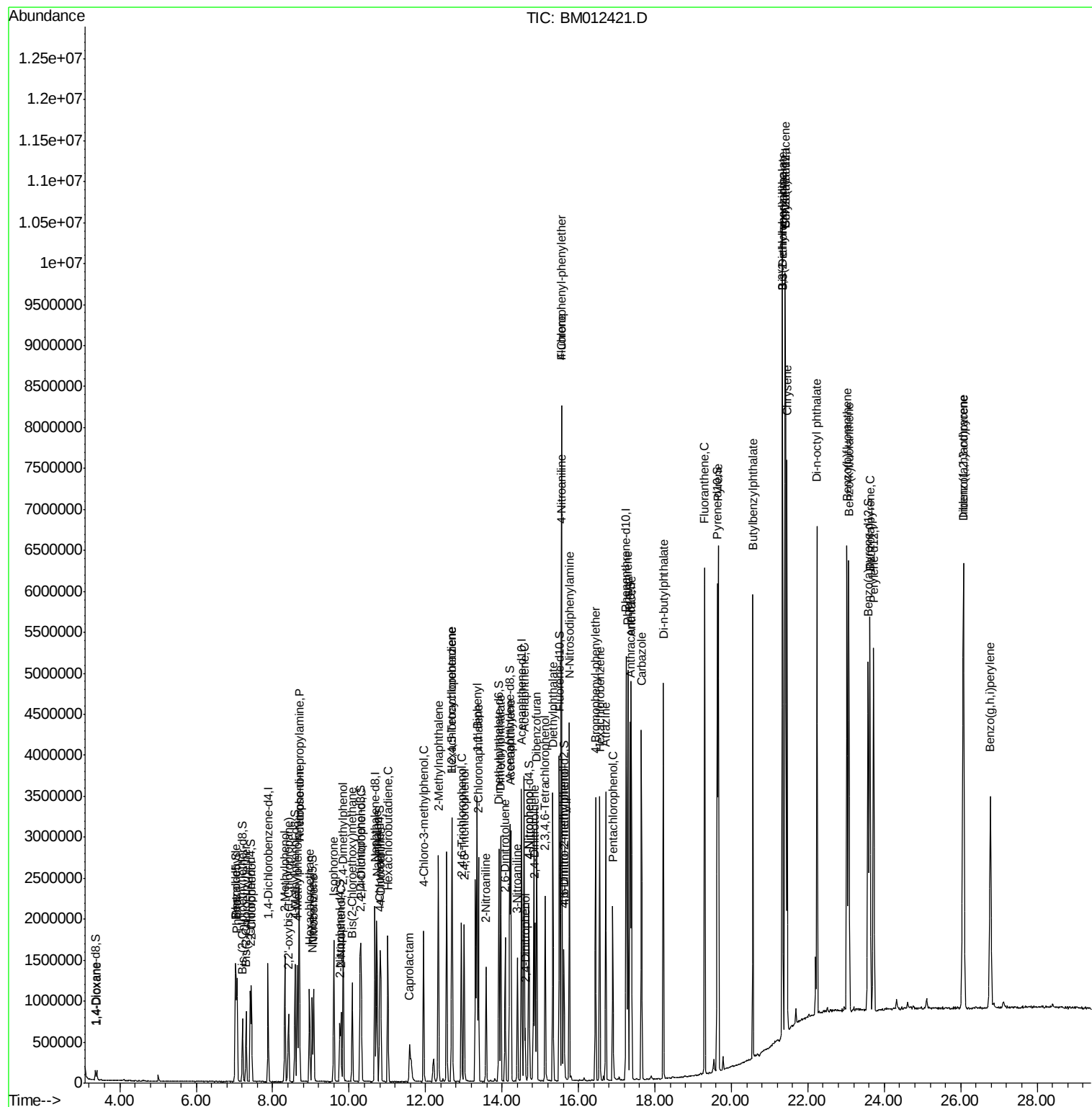
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36) 1,2,4,5-Tetrachlorobenzene	12.70	216	730877	18.52	ng/ul	97
37) Hexachlorocyclopentadiene	12.69	237	435966	17.11	ng/ul	100
38) 2,4,6-Trichlorophenol	12.94	196	455786	19.29	ng/ul	97
39) 2,4,5-Trichlorophenol	13.01	196	490268	19.58	ng/ul	98
40) 1,1'-Biphenyl	13.34	154	1659245	18.67	ng/ul	99
41) 2-Chloronaphthalene	13.39	162	1298911	18.63	ng/ul	98
42) 2-Nitroaniline	13.58	65	345778	21.32	ng/ul	97
44) Dimethylphthalate	13.97	163	1787009	18.56	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	311563	20.36	ng/ul#	96
47) Acenaphthylene	14.23	152	2067791	18.82	ng/ul	100
48) 3-Nitroaniline	14.40	138	295704	20.63	ng/ul#	98
49) Acenaphthene	14.57	153	1400282	18.61	ng/ul	99
50) 2,4-Dinitrophenol	14.61	184	143898	16.76	ng/ul	89
52) 4-Nitrophenol	14.71	109	285573	19.45	ng/ul#	83
53) Dibenzofuran	14.91	168	2085696	18.73	ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	486633	21.24	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.13	232	444723	19.19	ng/ul	95
56) Diethylphthalate	15.33	149	1835527	18.70	ng/ul	94
58) Fluorene	15.56	166	1746025	18.54	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.55	204	943310	18.40	ng/ul	96
60) 4-Nitroaniline	15.57	138	352131	19.59	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.63	198	257447	17.02	ng/ul#	90
64) N-Nitrosodiphenylamine	15.76	169	1536278	18.60	ng/ul	100
65) 4-Bromophenyl-phenylether	16.44	248	629388	18.49	ng/ul	97
66) Hexachlorobenzene	16.56	284	692636	18.39	ng/ul	93
67) Atrazine	16.71	200	660992	18.61	ng/ul	94
68) Pentachlorophenol	16.90	266	364729	17.71	ng/ul	99
69) Phenanthrene	17.29	178	2847838	18.53	ng/ul	99
71) Anthracene	17.38	178	2959940	18.63	ng/ul	99
72) Carbazole	17.64	167	2586078	19.65	ng/ul	99
73) Di-n-butylphthalate	18.22	149	3136652	18.69	ng/ul	98
74) Fluoranthene	19.30	202	3625958	20.82	ng/ul#	94
77) Pyrene	19.66	202	3723124	19.21	ng/ul#	94
78) Butylbenzylphthalate	20.56	149	1439804	18.85	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.33	252	1393679	18.63	ng/ul	97
80) Benzo(a)anthracene	21.40	228	3917024	19.19	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.34	149	2193332	18.88	ng/ul	99
82) Chrysene	21.46	228	3480550	19.18	ng/ul	99
84) Di-n-octyl phthalate	22.24	149	3683809	20.54	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	4105333	19.21	ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	3789668	18.84	ng/ul#	98
88) Benzo(a)pyrene	23.62	252	3805886	18.67	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	4258666	17.75	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.08	278	3613993	17.77	ng/ul#	96
91) Benzo(g,h,i)perylene	26.78	276	3375298	17.36	ng/ul#	97

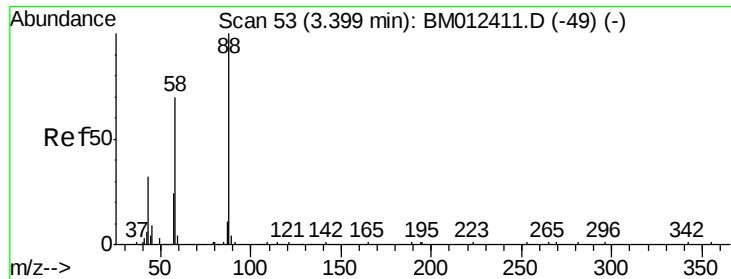
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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#2

1,4-Dioxane

Concen: 7.68 ng/uL

RT: 3.40 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

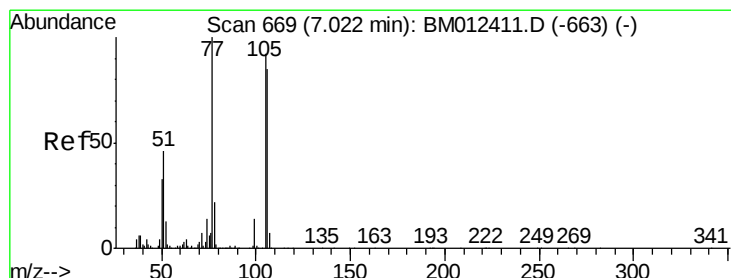
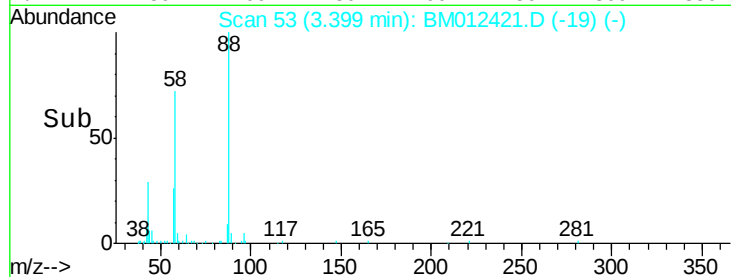
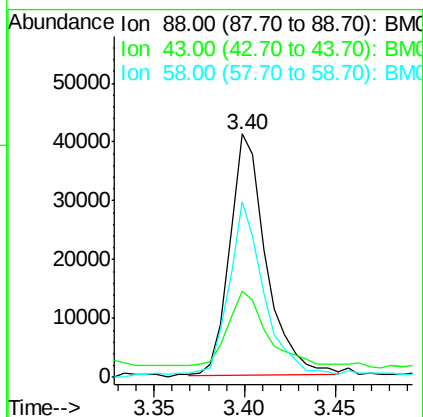
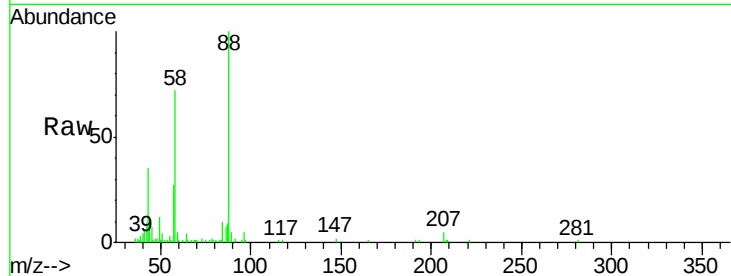
Tot Ion: 88 Resp: 57463

Ion Ratio Lower Upper

88 100

43 35.2 48.0 72.0#

58 71.7 80.0 120.0#



#4

Benzaldehyde

Concen: 24.38 ng/uL

RT: 7.02 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

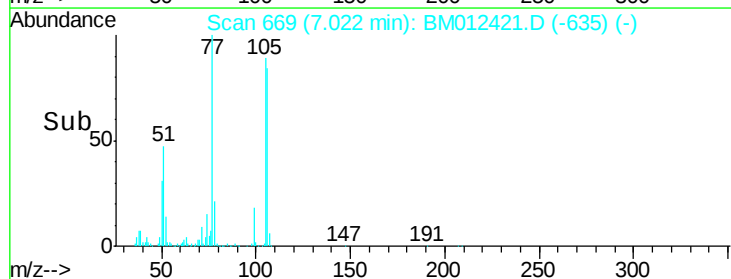
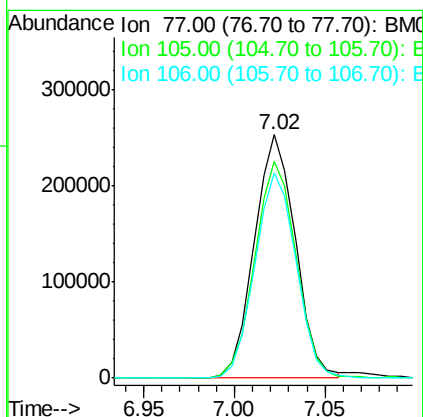
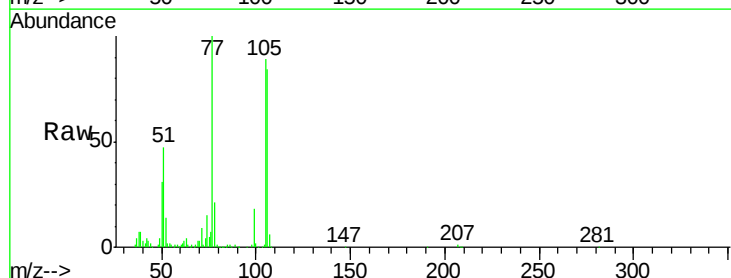
Tgt Ion: 77 Resp: 396037

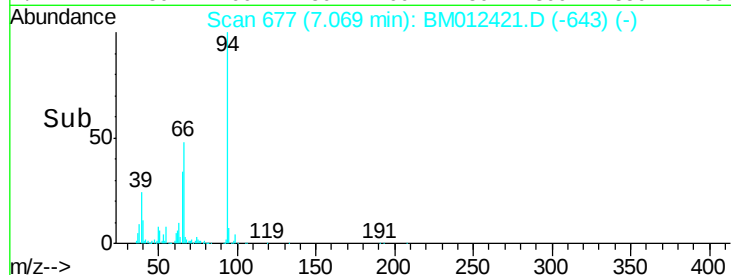
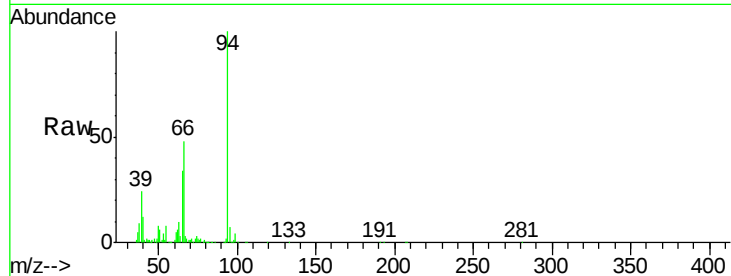
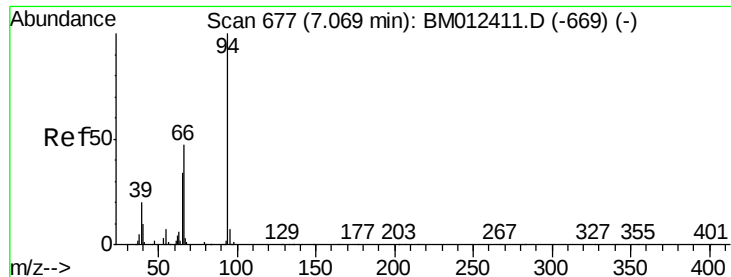
Ion Ratio Lower Upper

77 100

105 89.0 66.1 99.1

106 84.3 67.8 101.6





#6

Phenol

Concen: 18.69 ng/ul

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

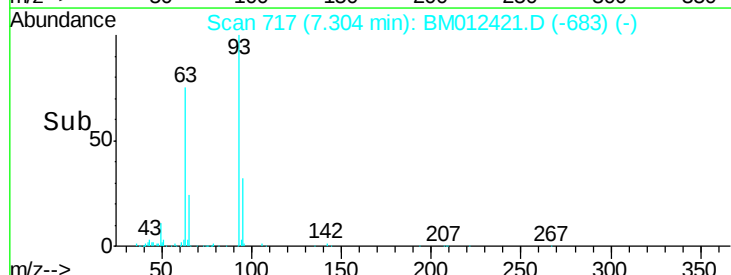
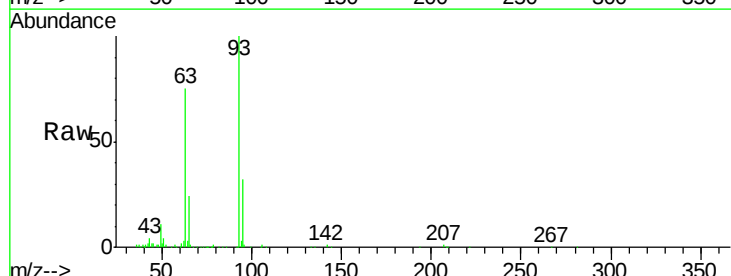
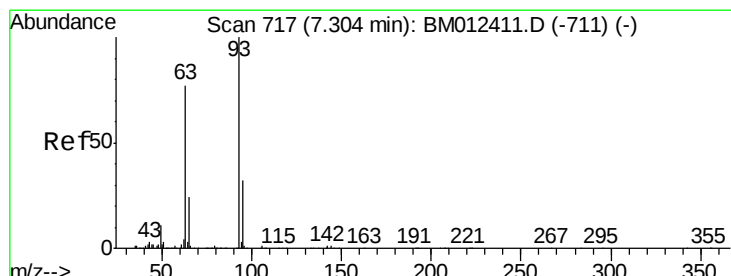
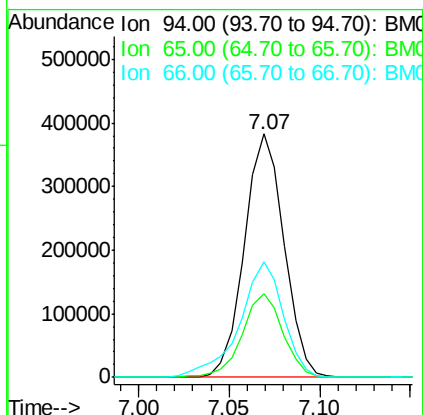
Tot Ion: 94 Resp: 581477

Ion Ratio Lower Upper

94 100

65 34.3 28.2 42.4

66 47.7 47.2 70.8



#8

Bis(2-Chloroethyl)ether

Concen: 19.26 ng/ul

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

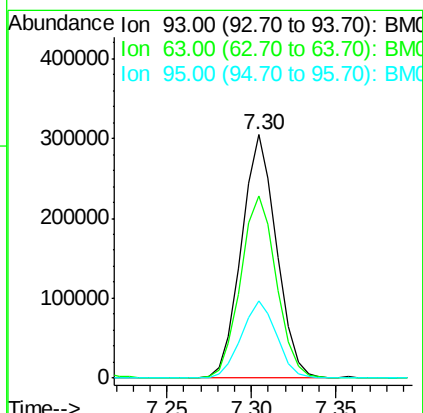
Tgt Ion: 93 Resp: 440634

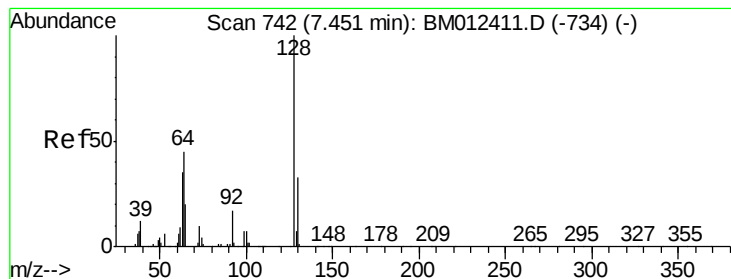
Ion Ratio Lower Upper

93 100

63 74.7 57.3 85.9

95 31.7 26.6 39.8





#10

2-Chlorophenol

Concen: 19.21 ng/ul

RT: 7.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

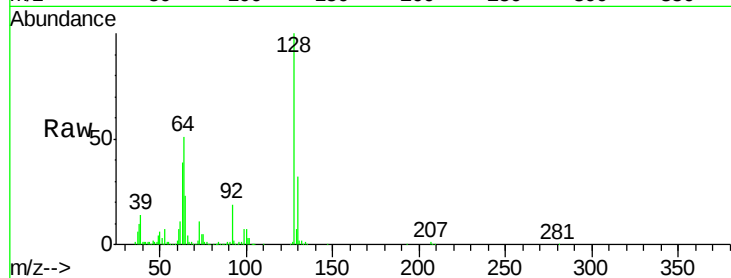
Tot Ion:128 Resp: 439905

Ion Ratio Lower Upper

128 100

64 50.7 38.0 57.0

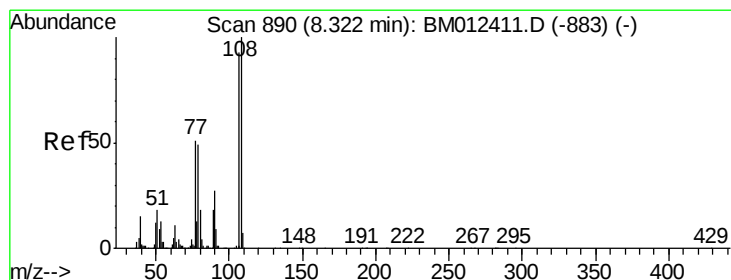
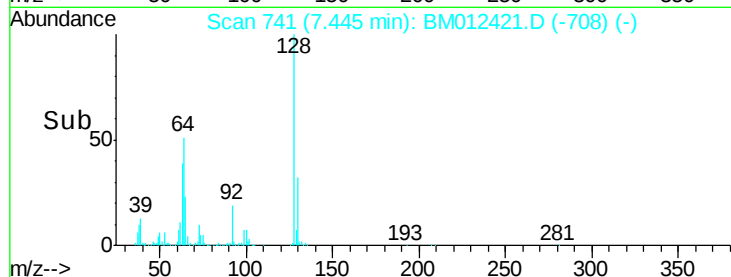
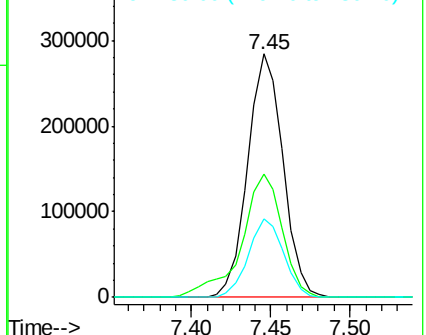
130 32.1 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.98 ng/ul

RT: 8.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM012421.D

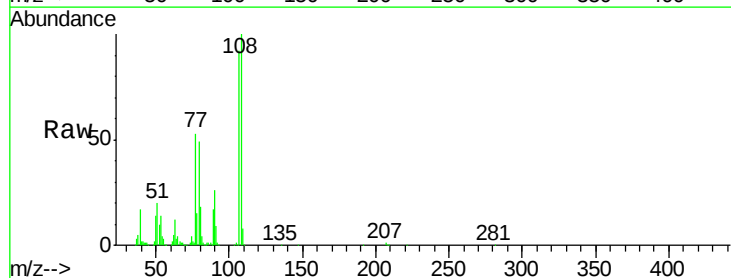
Acq: 24 Oct 2017 17:32

Tgt Ion:108 Resp: 445227

Ion Ratio Lower Upper

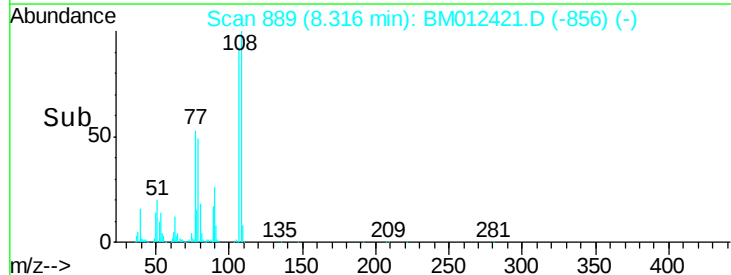
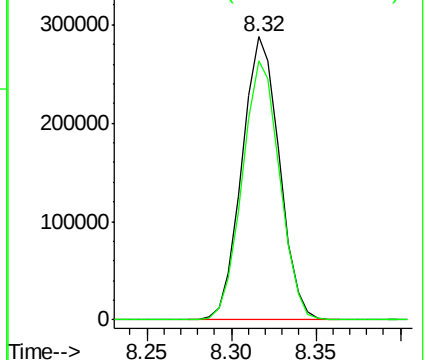
108 100

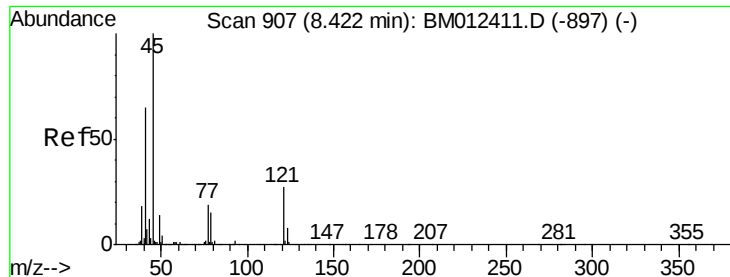
107 91.5 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

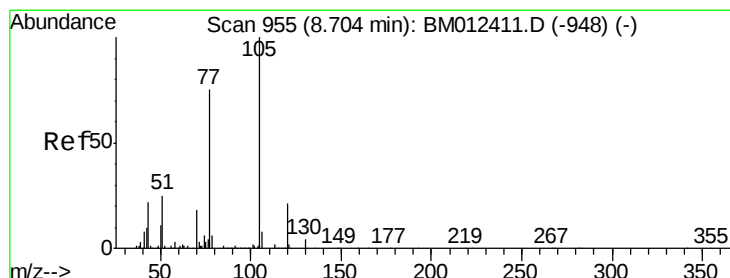
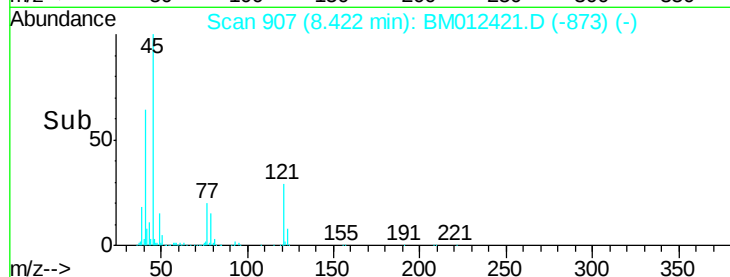
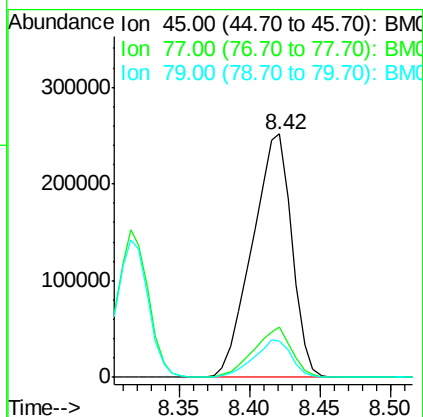
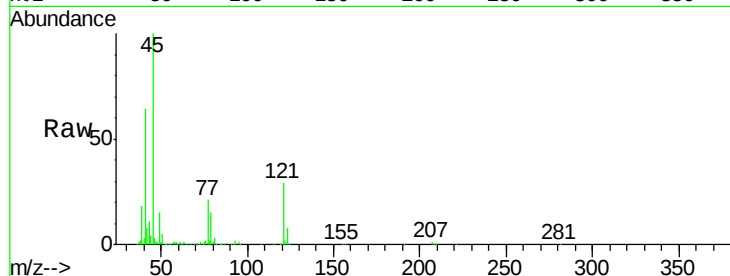




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.73 ng/ul
RT: 8.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

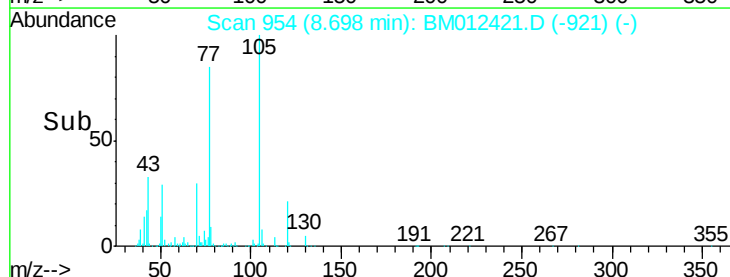
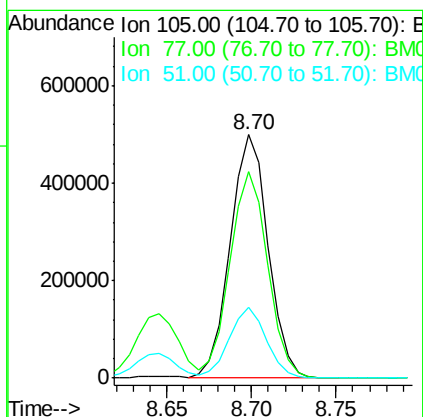
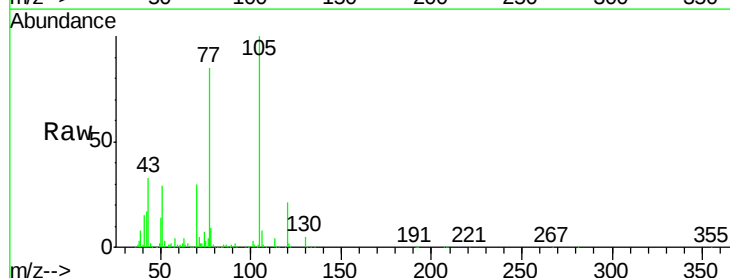
Instrument :
BNA_M
ClientSampleId :
SSTD02056

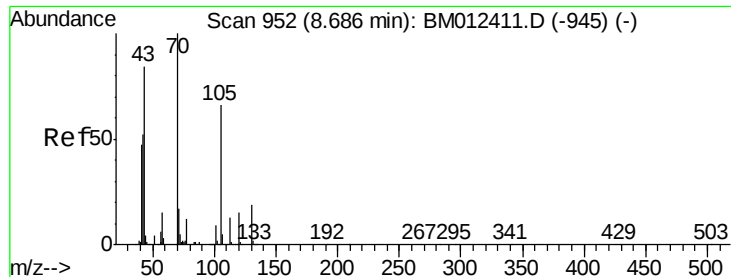
Tot Ion	Ratio	Lower	Upper
45	100		
77	20.5	8.0	12.0#
79	15.0	8.0	12.0#



#14
Acetophenone
Concen: 19.42 ng/ul
RT: 8.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Tgt Ion	Ratio	Lower	Upper
105	100		
77	85.1	74.2	111.4
51	29.2	23.4	35.2

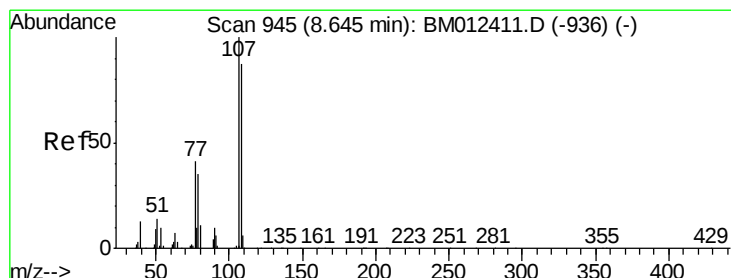
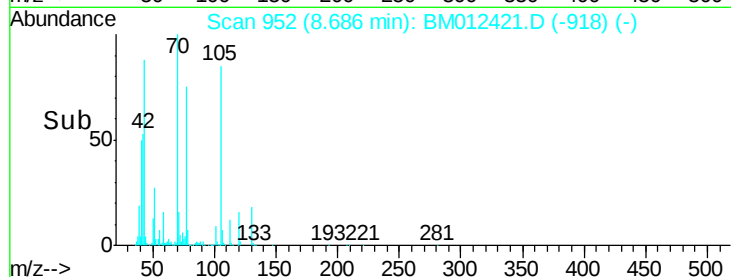
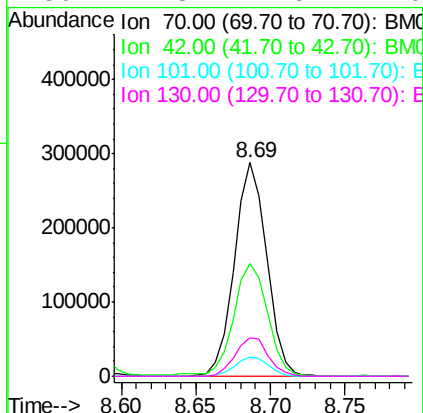
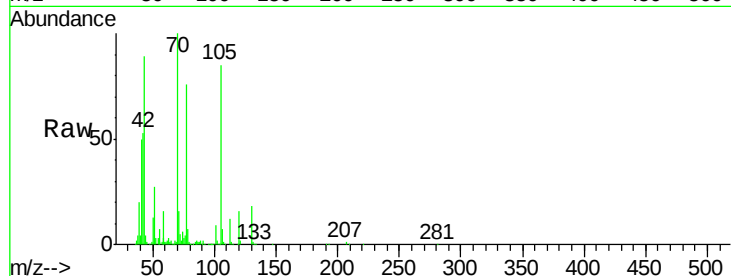




#15
N-Nitroso-di-n-propylamine
Concen: 19.77 ng/ul
RT: 8.69 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM012421.D
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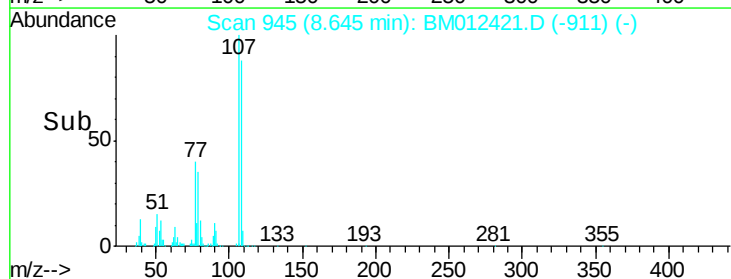
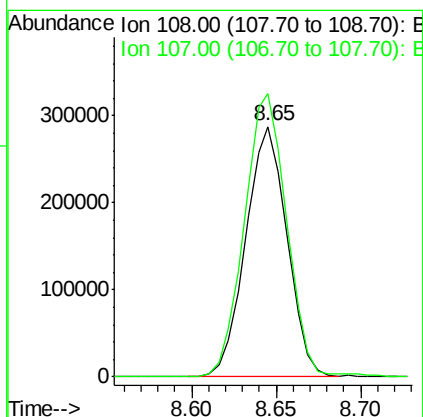
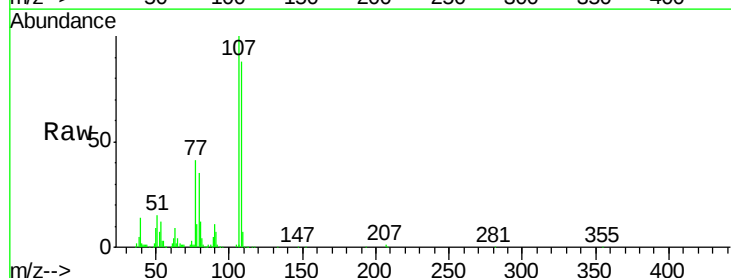
Instrument :
BNA_M
ClientSampleId :
SSTD02056

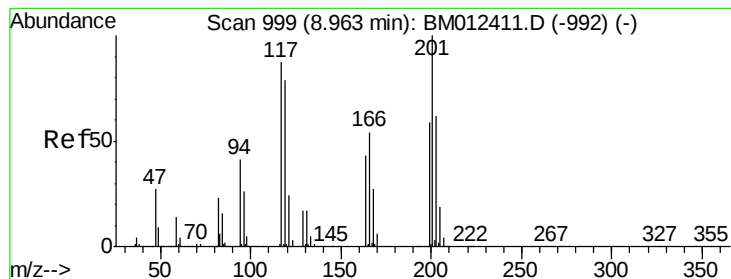
Tot Ion: 70 Resp: 432820
Ion Ratio Lower Upper
70 100
42 53.0 76.0 114.0#
101 8.8 6.7 10.1
130 17.8 14.6 22.0



#16
4-Methylphenol
Concen: 19.07 ng/ul
RT: 8.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Tgt Ion: 108 Resp: 489678
Ion Ratio Lower Upper
108 100
107 113.0 84.9 127.3





#17

Hexachloroethane

Concen: 18.72 ng/ul

RT: 8.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

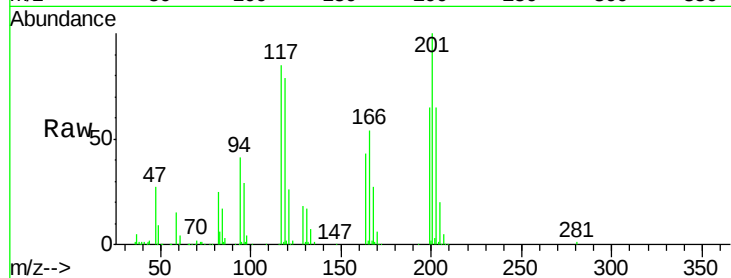
Tot Ion:117 Resp: 181714

Ion Ratio Lower Upper

117 100

201 118.1 111.6 167.4

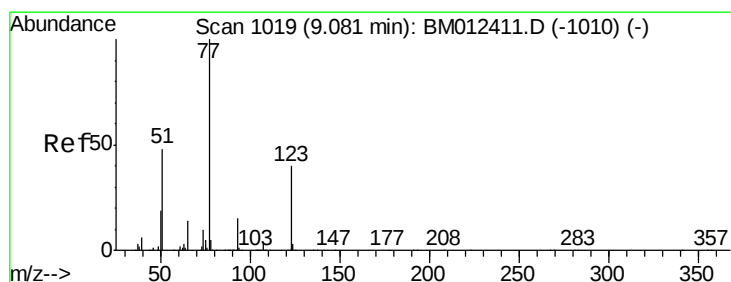
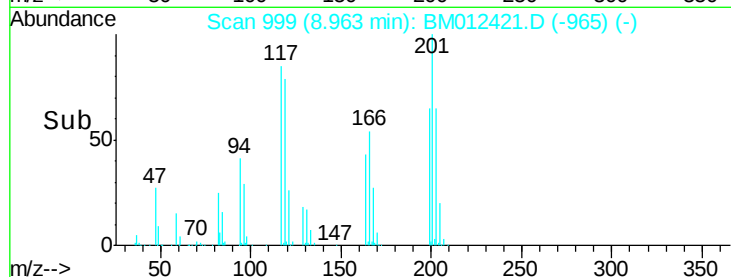
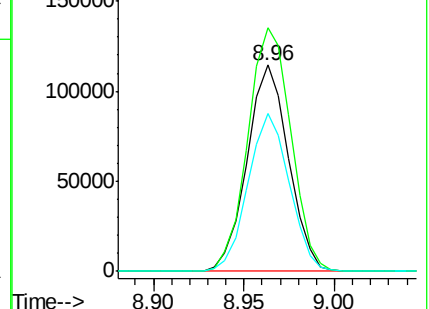
199 76.6 67.8 101.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 20.13 ng/ul

RT: 9.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

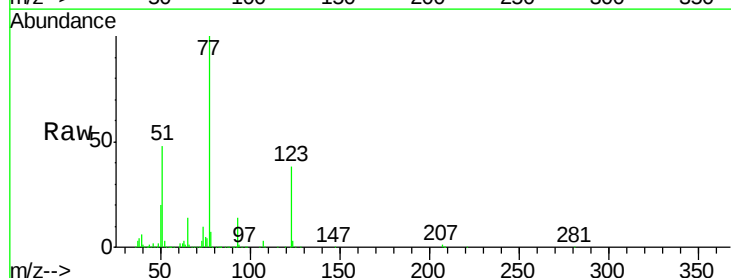
Tgt Ion: 77 Resp: 582500

Ion Ratio Lower Upper

77 100

123 37.7 31.0 46.6

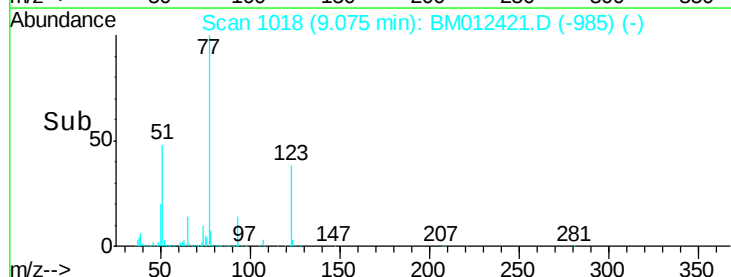
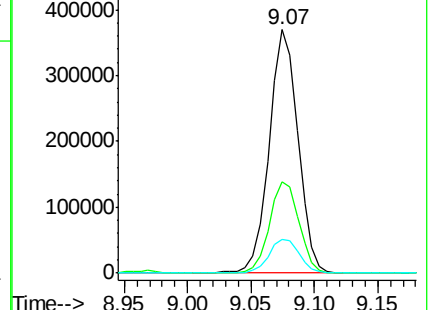
65 14.1 12.2 18.2

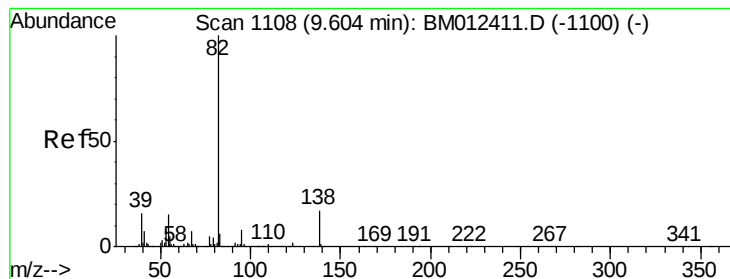


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 18.84 ng/ul

RT: 9.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

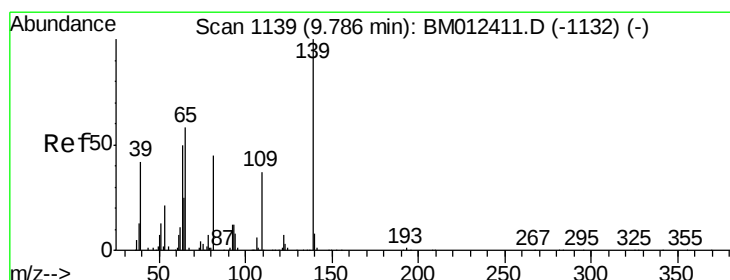
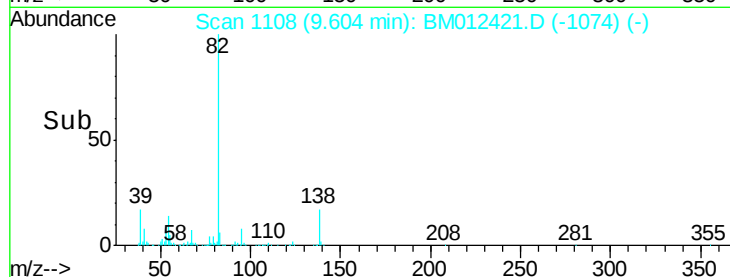
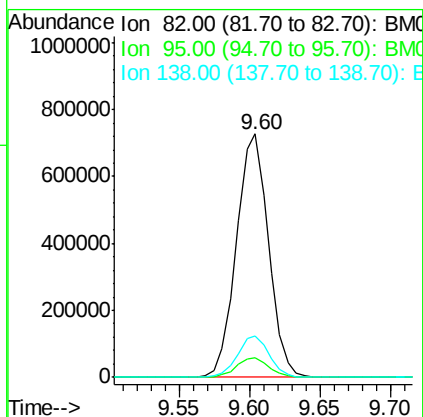
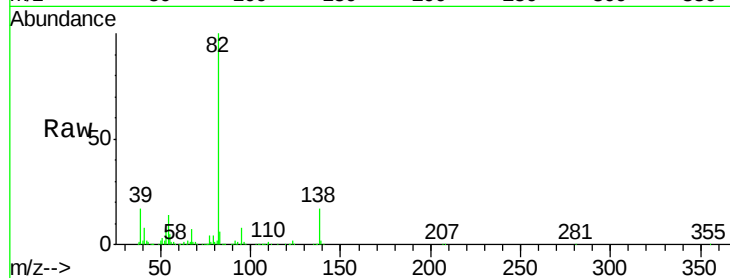
Tot Ion: 82 Resp: 1153693

Ion Ratio Lower Upper

82 100

95 8.0 7.8 11.8

138 17.0 11.9 17.9



#23

2-Nitrophenol

Concen: 19.89 ng/ul

RT: 9.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

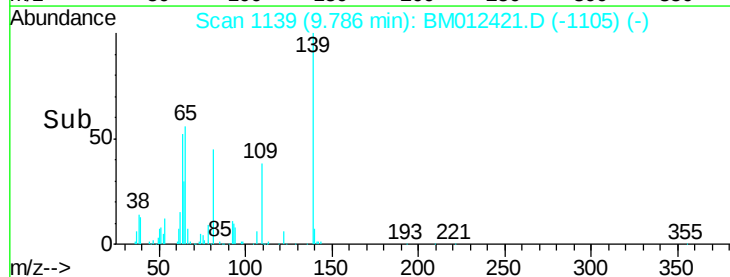
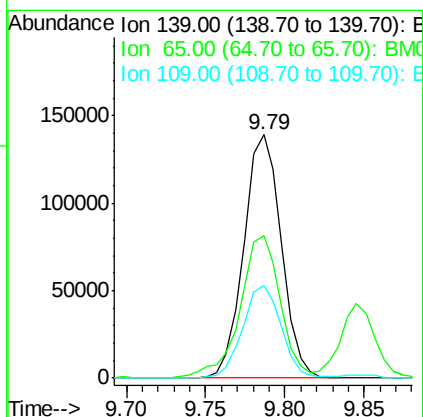
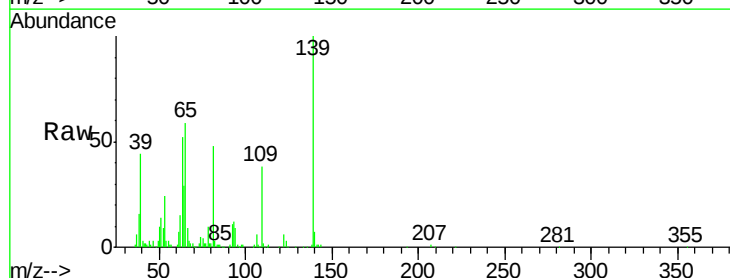
Tgt Ion: 139 Resp: 228675

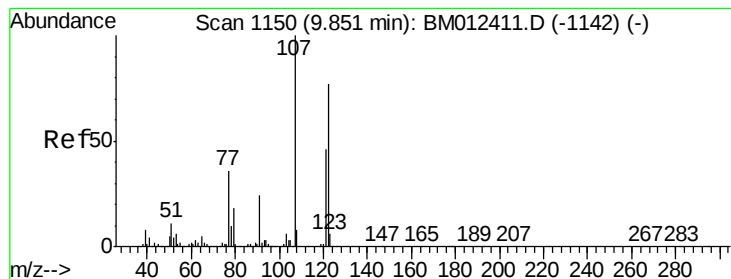
Ion Ratio Lower Upper

139 100

65 58.7 55.4 83.0

109 38.0 42.2 63.2#





#24

2,4-Dimethylphenol

Concen: 18.80 ng/ul

RT: 9.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

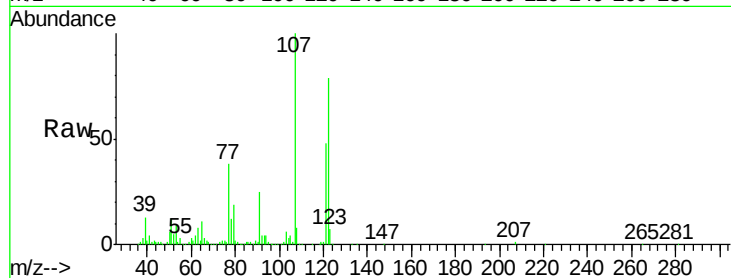
Tot Ion:107 Resp: 608074

Ion Ratio Lower Upper

107 100

121 47.7 31.9 47.9

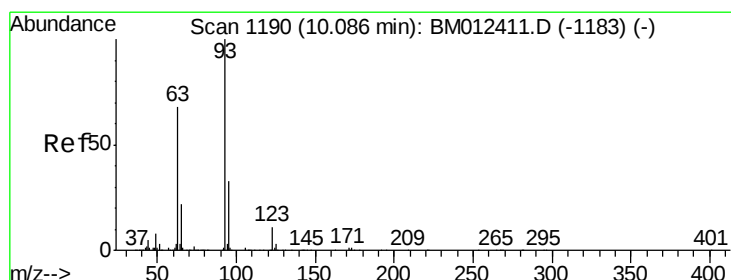
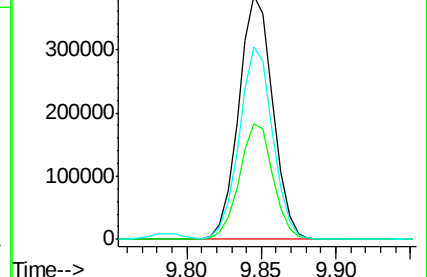
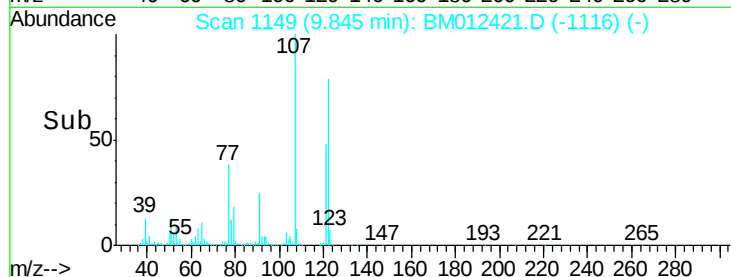
122 78.8 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 18.86 ng/ul

RT: 10.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

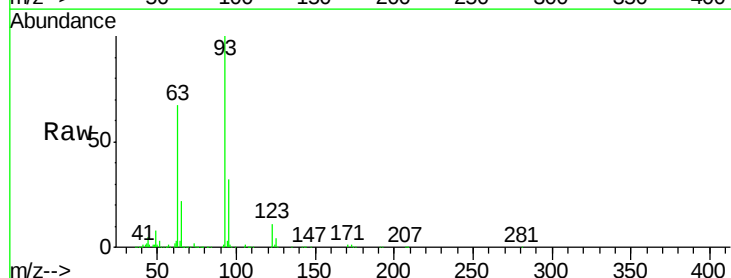
Tgt Ion: 93 Resp: 648940

Ion Ratio Lower Upper

93 100

95 31.8 28.5 42.7

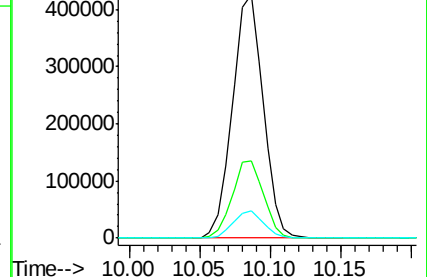
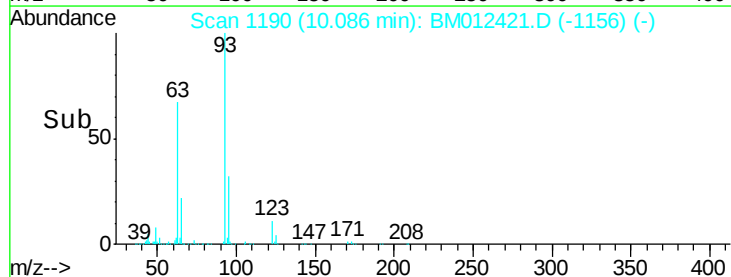
123 11.1 8.9 13.3

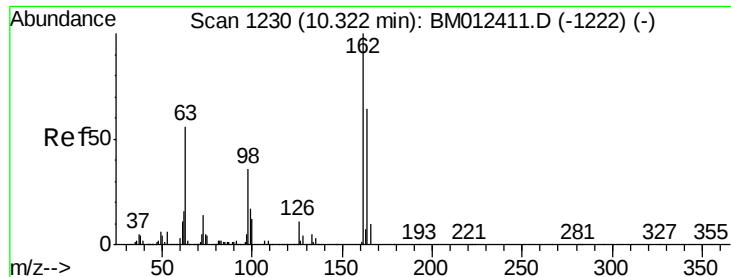


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

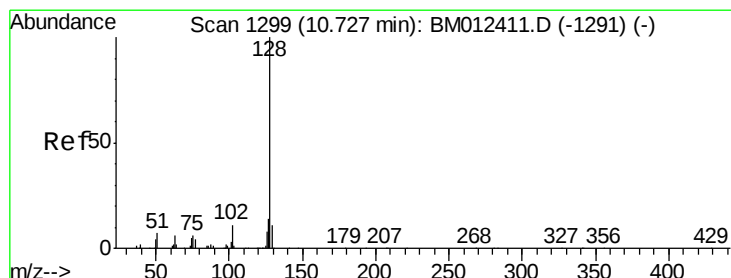
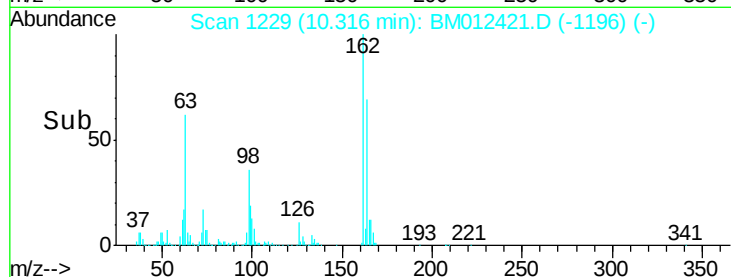
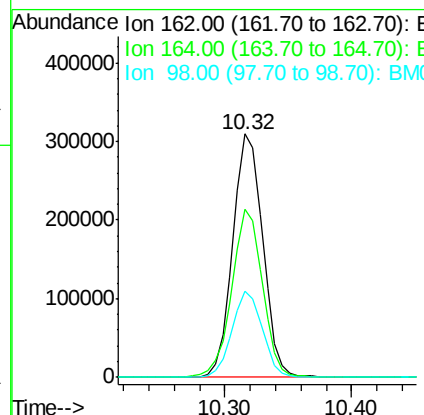
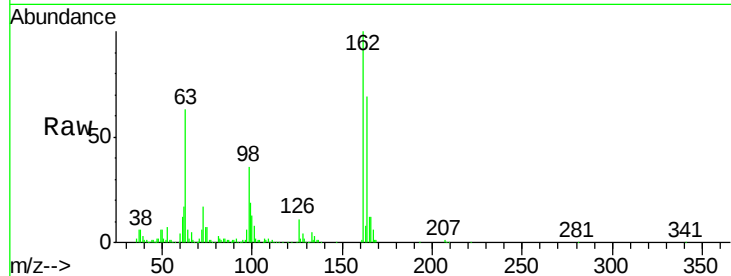




#27
 2,4-Dichlorophenol
 Concen: 18.95 ng/ul
 RT: 10.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BM012421.D
 Acq: 24 Oct 2017 17:32

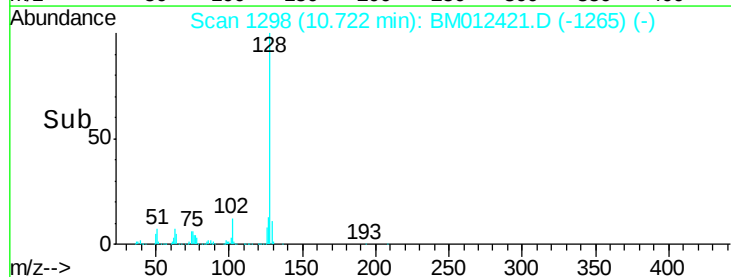
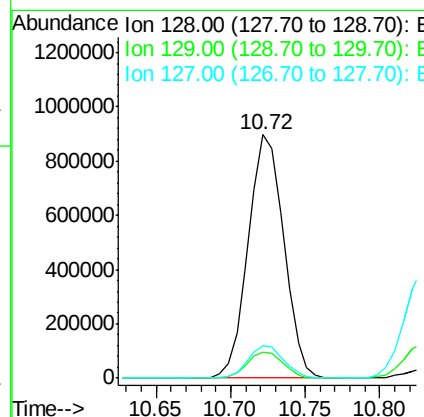
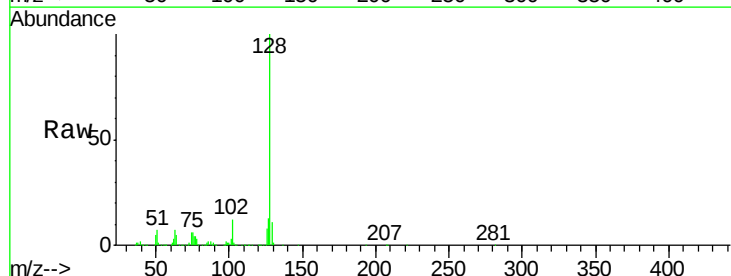
Instrument :
 BNA_M
 ClientSampleId :
 SST02056

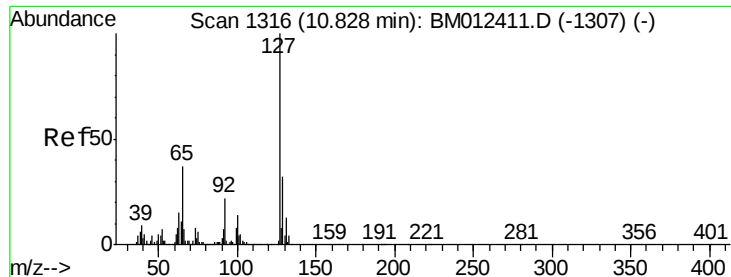
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.0	47.8	71.6
98	35.6	23.0	34.4



#28
 Naphthalene
 Concen: 18.59 ng/ul
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BM012421.D
 Acq: 24 Oct 2017 17:32

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.6	16.0

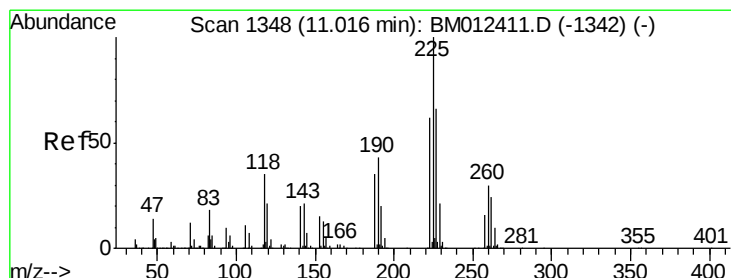
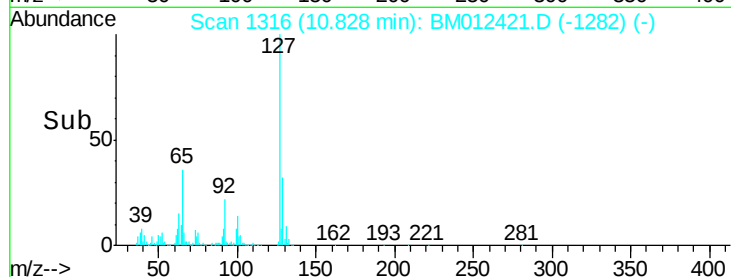
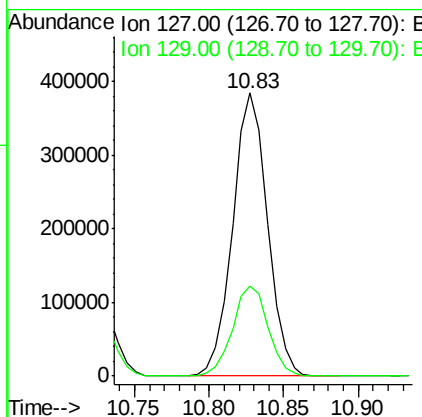
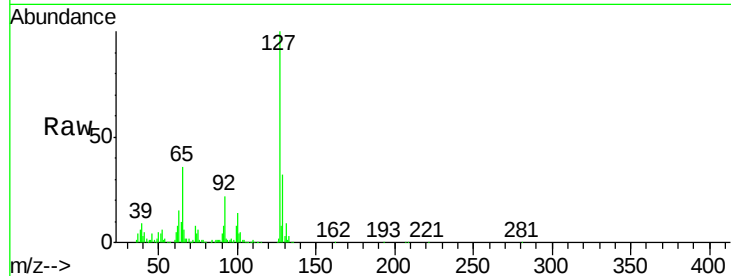




#30
4-Chloroaniline
Concen: 21.36 ng/ul
RT: 10.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

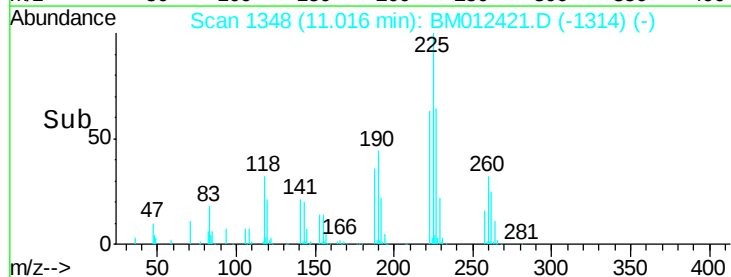
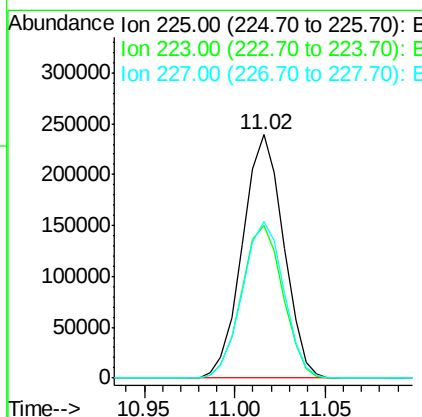
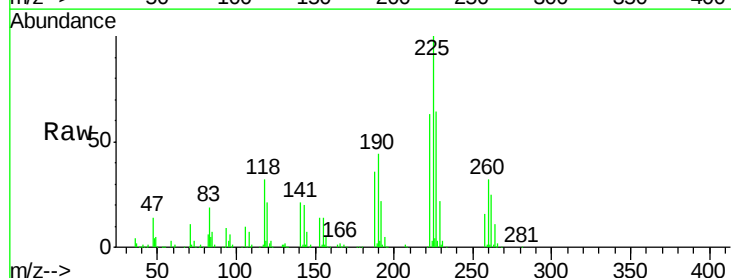
Instrument :
BNA_M
ClientSampleId :
SSTD02056

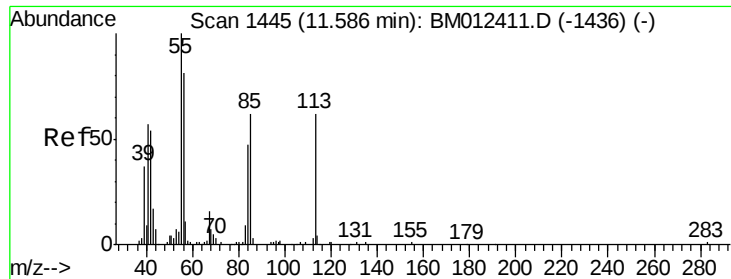
Tot Ion:127 Resp: 621716
Ion Ratio Lower Upper
127 100
129 31.8 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.41 ng/ul
RT: 11.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Tgt Ion:225 Resp: 377610
Ion Ratio Lower Upper
225 100
223 62.8 49.4 74.2
227 64.1 45.4 68.2





#32

Caprolactam

Concen: 10.82 ng/ul

RT: 11.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

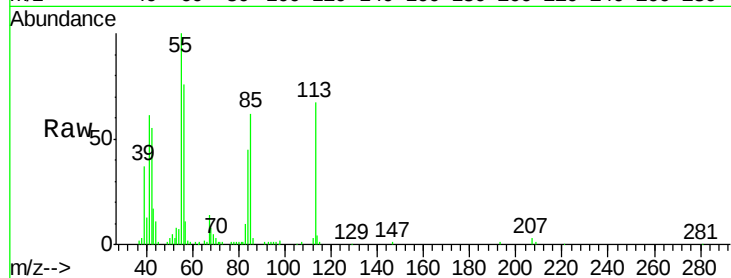
Tot Ion:113 Resp: 93666

Ion Ratio Lower Upper

113 100

55 150.0 208.0 312.0#

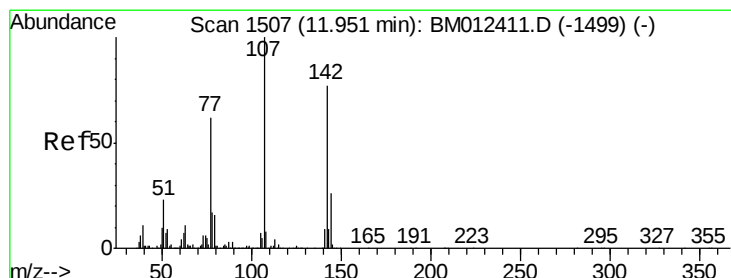
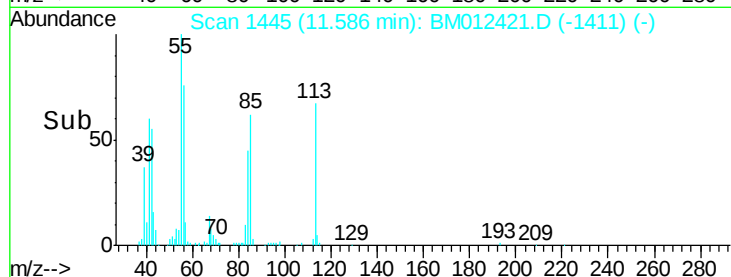
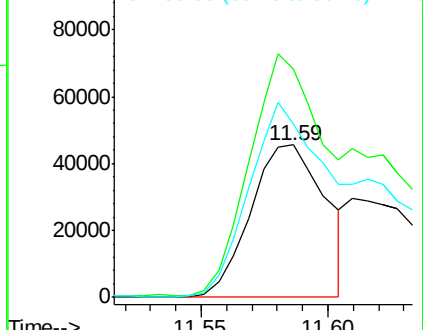
56 113.6 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.14 ng/ul

RT: 11.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

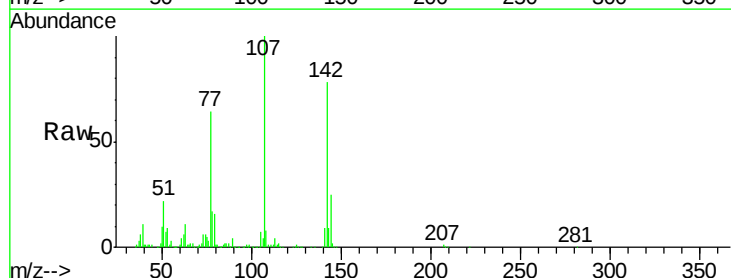
Tgt Ion:107 Resp: 575024

Ion Ratio Lower Upper

107 100

144 25.3 20.4 30.6

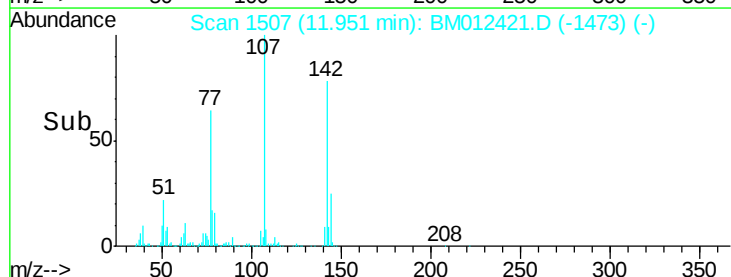
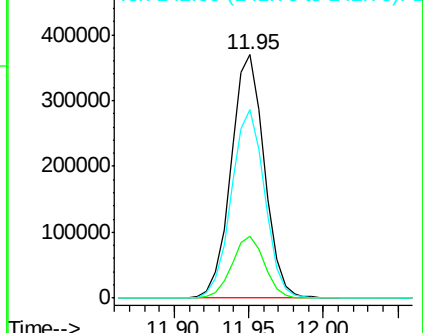
142 77.6 60.5 90.7

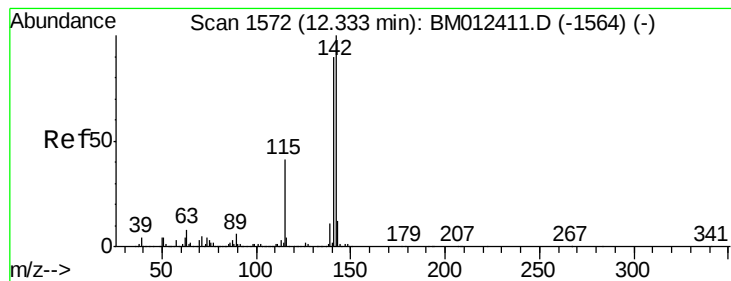


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 18.79 ng/ul

RT: 12.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

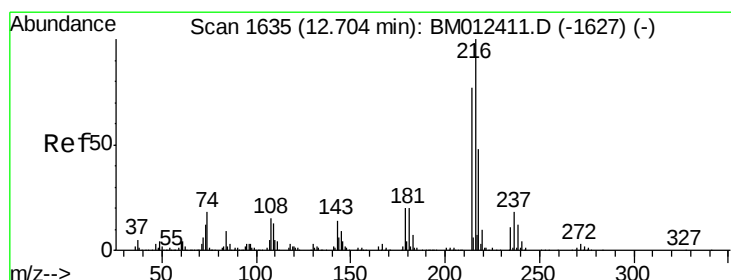
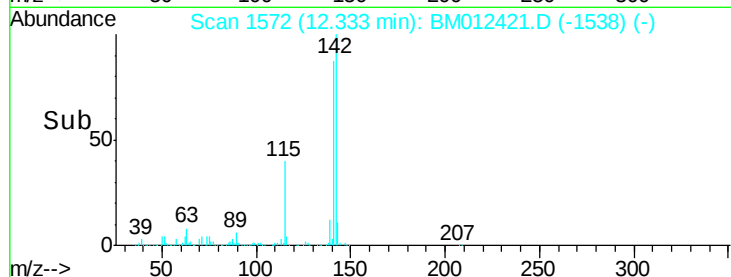
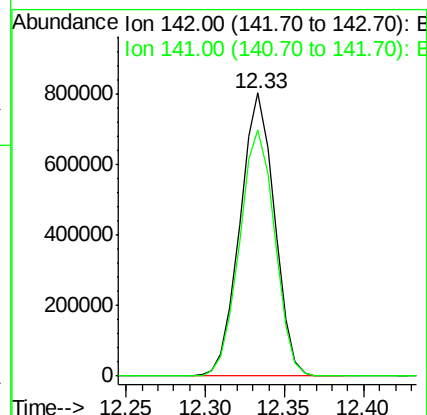
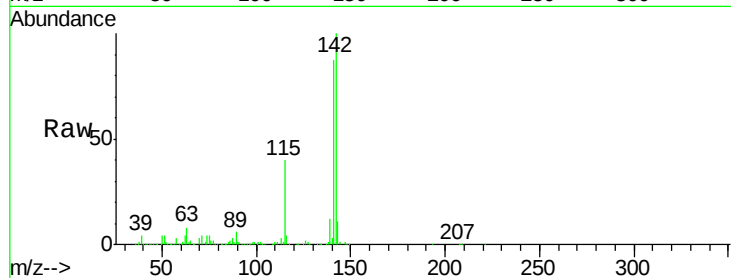
SSTD02056

Tot Ion:142 Resp: 1213398

Ion Ratio Lower Upper

142 100

141 86.9 74.1 111.1



#36

1,2,4,5-Tetrachlorobenzene

Concen: 18.52 ng/ul

RT: 12.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Tgt Ion:216 Resp: 730877

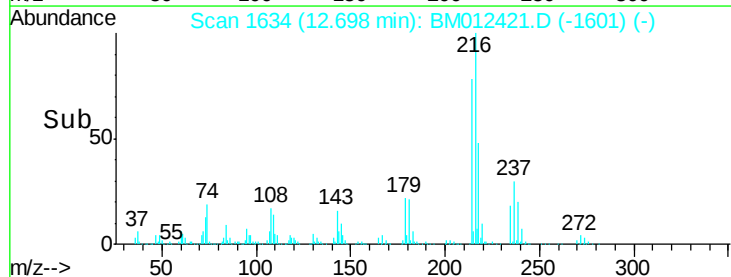
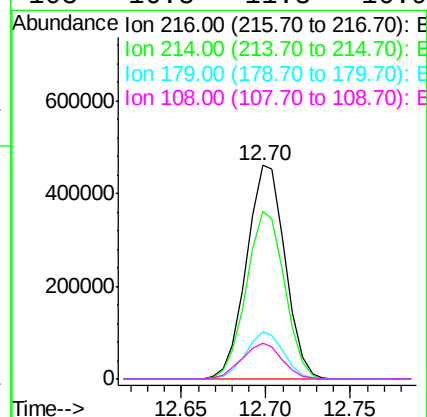
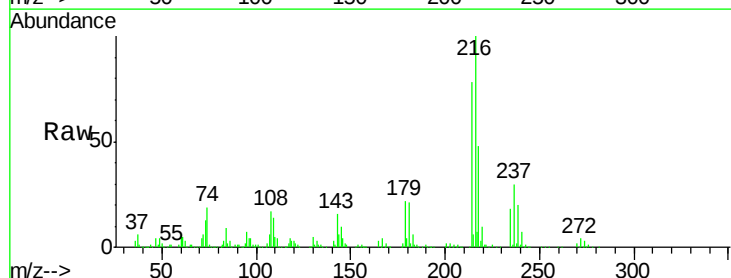
Ion Ratio Lower Upper

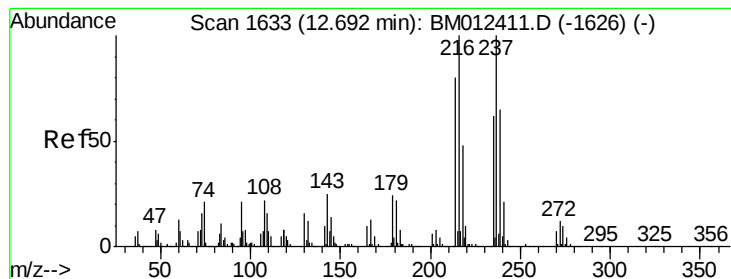
216 100

214 78.4 60.6 90.8

179 22.2 17.5 26.3

108 16.8 11.3 16.9





#37

Hexachlorocyclopentadiene

Concen: 17.11 ng/ul

RT: 12.69 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

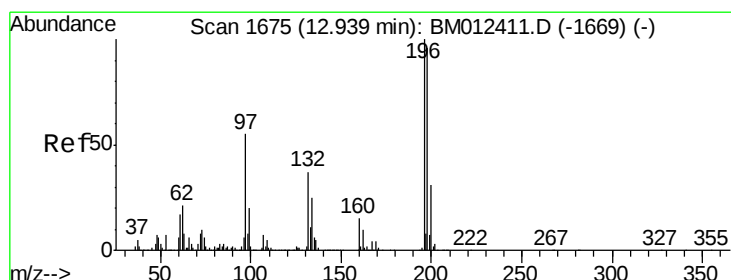
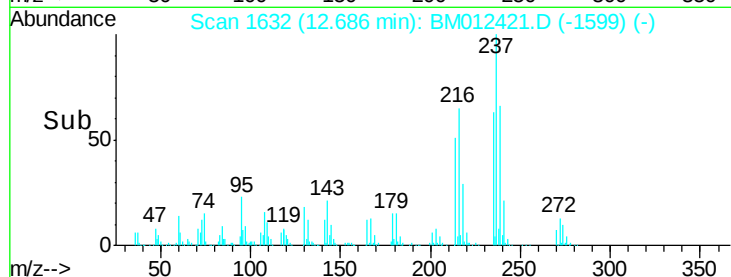
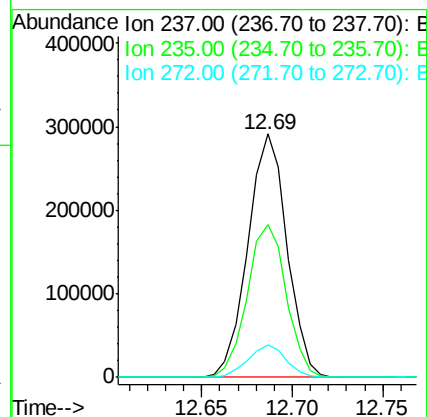
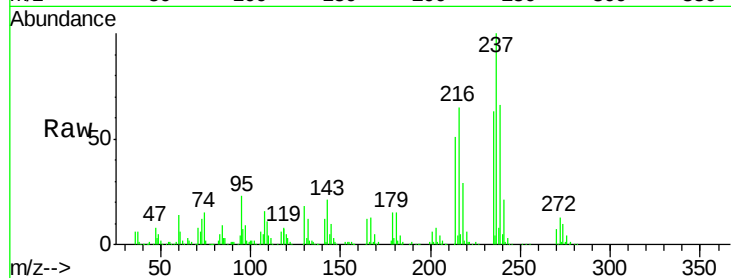
Tot Ion:237 Resp: 435966

Ion Ratio Lower Upper

237 100

235 62.5 50.2 75.4

272 13.5 11.0 16.6



#38

2,4,6-Trichlorophenol

Concen: 19.29 ng/ul

RT: 12.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

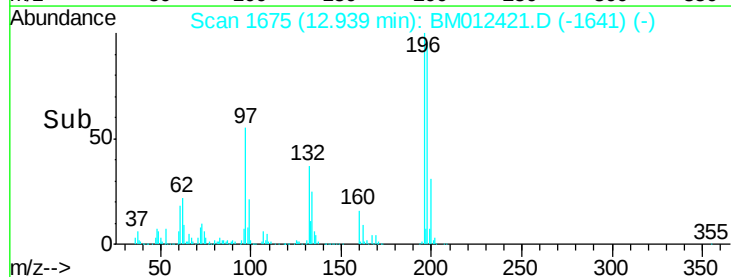
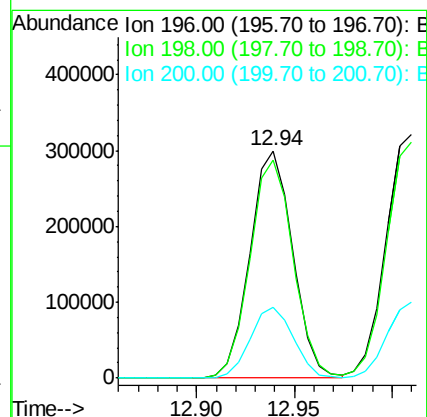
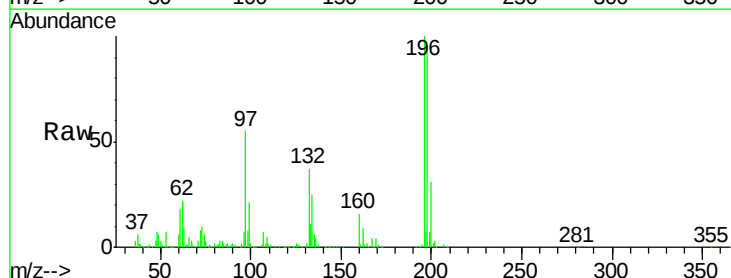
Tgt Ion:196 Resp: 455786

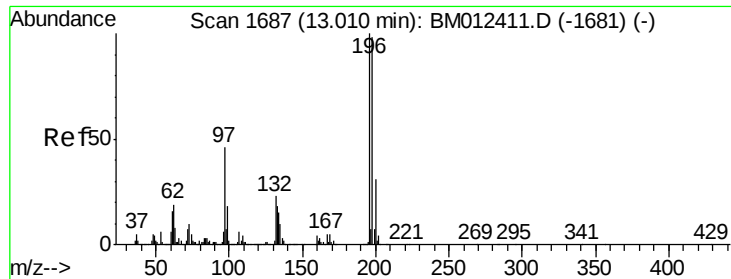
Ion Ratio Lower Upper

196 100

198 96.2 74.1 111.1

200 31.0 25.2 37.8

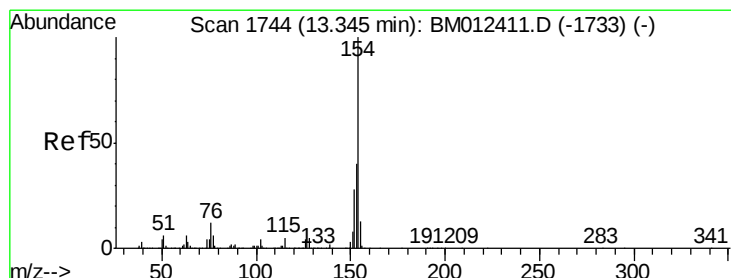
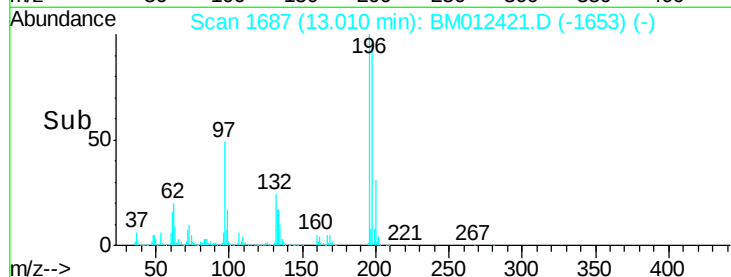
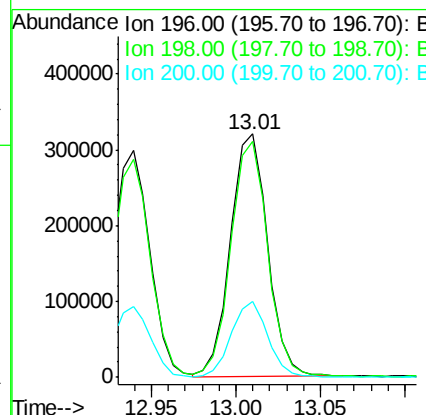
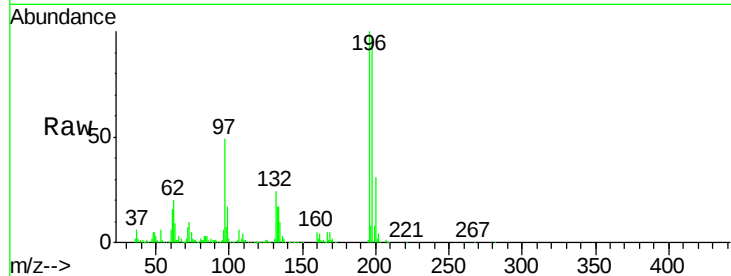




#39
 2,4,5-Trichlorophenol
 Concen: 19.58 ng/ul
 RT: 13.01 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BM012421.D
 Acq: 24 Oct 2017 17:32

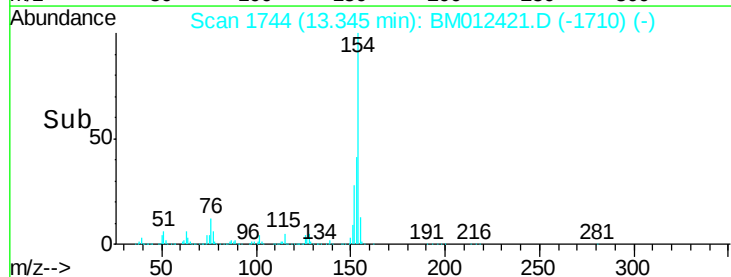
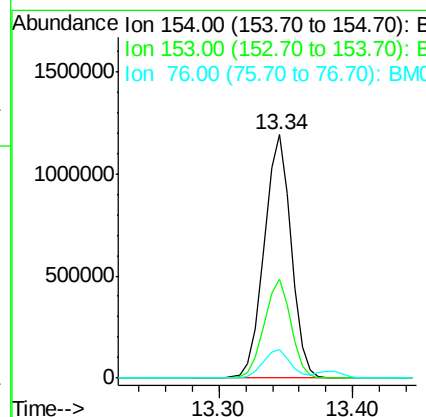
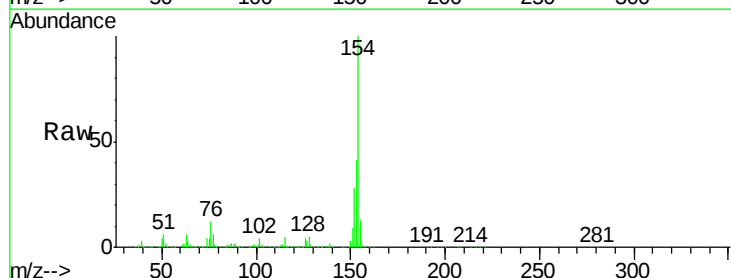
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

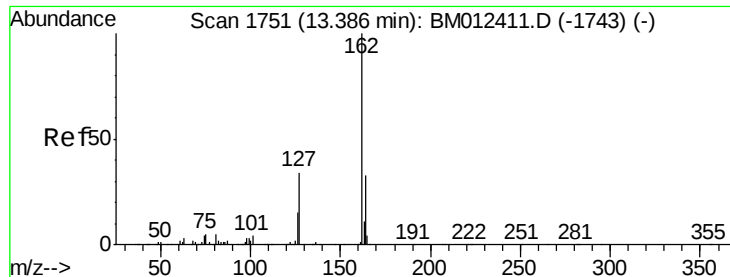
Tot Ion:196 Resp: 490268
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.6 113.4
 200 31.1 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 18.67 ng/ul
 RT: 13.34 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BM012421.D
 Acq: 24 Oct 2017 17:32

Tgt Ion:154 Resp: 1659245
 Ion Ratio Lower Upper
 154 100
 153 40.8 32.6 48.8
 76 11.6 8.5 12.7

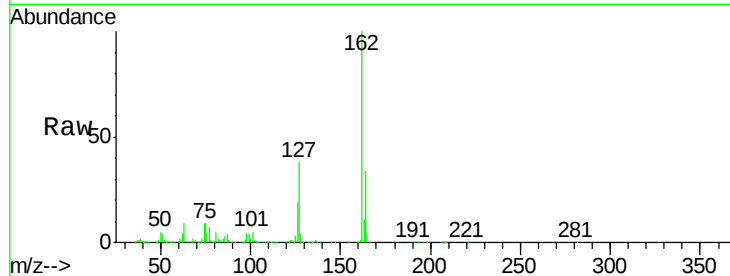




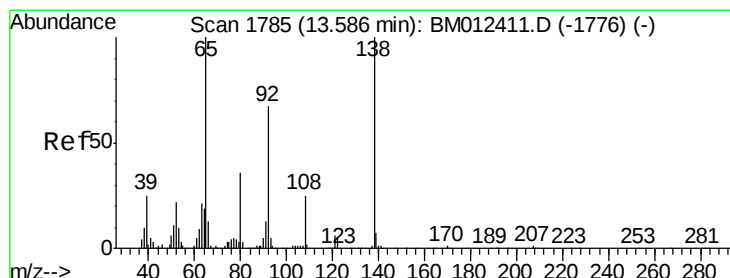
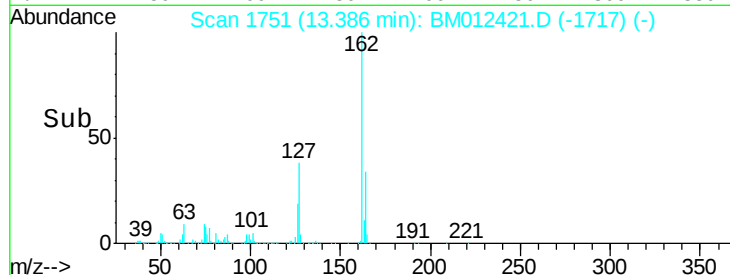
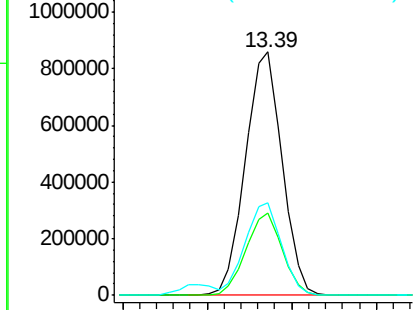
#41
2-Chloronaphthalene
Concen: 18.63 ng/ul
RT: 13.39 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tot Ion:162 Resp: 1298911
Ion Ratio Lower Upper
162 100
164 33.7 25.9 38.9
127 37.8 29.4 44.2

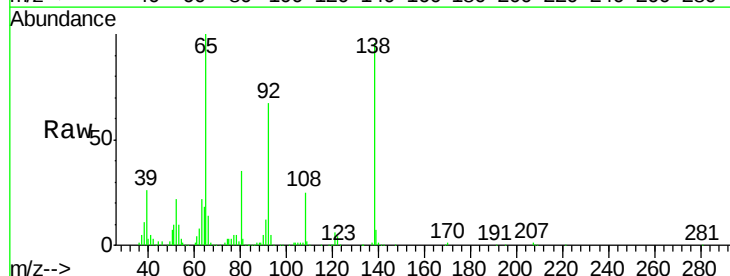


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

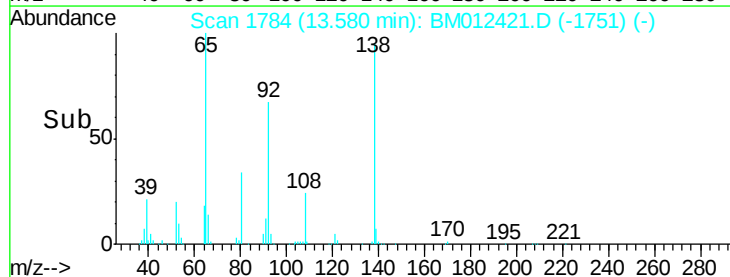
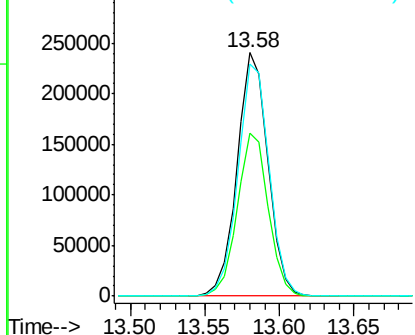


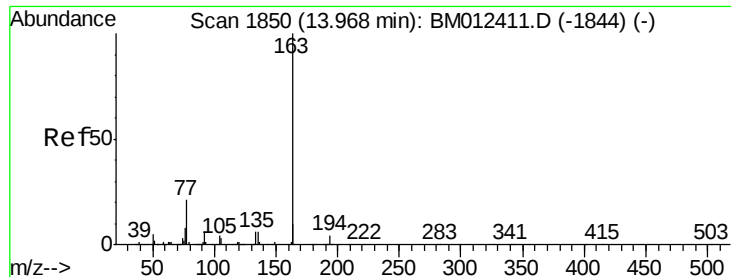
#42
2-Nitroaniline
Concen: 21.32 ng/ul
RT: 13.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Tgt Ion: 65 Resp: 345778
Ion Ratio Lower Upper
65 100
92 66.8 51.8 77.6
138 95.6 74.2 111.4



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 18.56 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

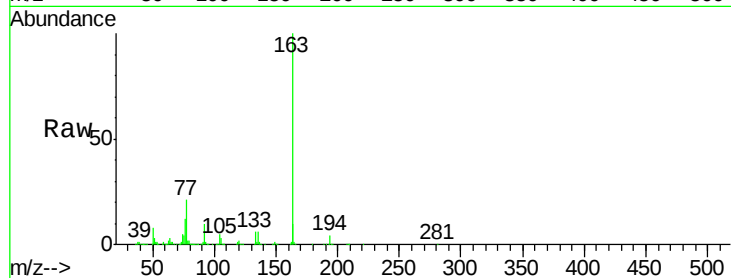
Tot Ion:163 Resp: 1787009

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

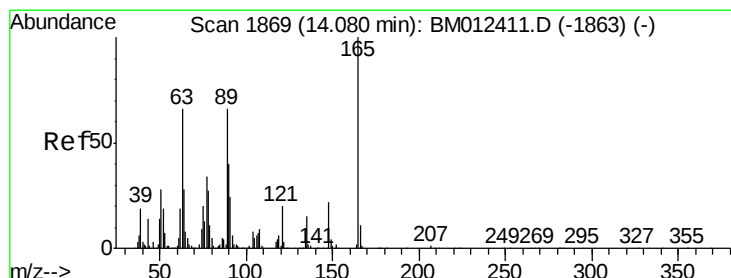
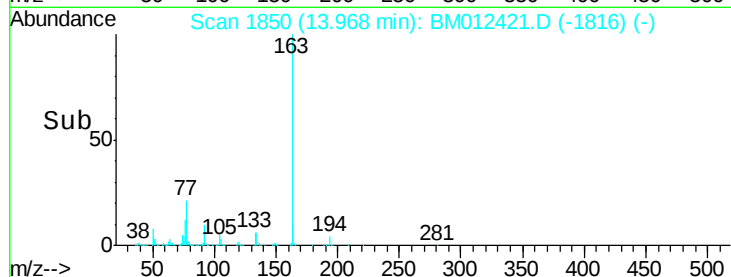
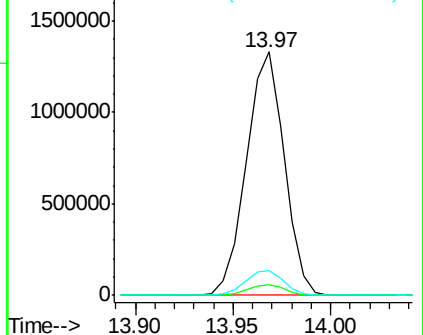
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 20.36 ng/ul

RT: 14.08 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

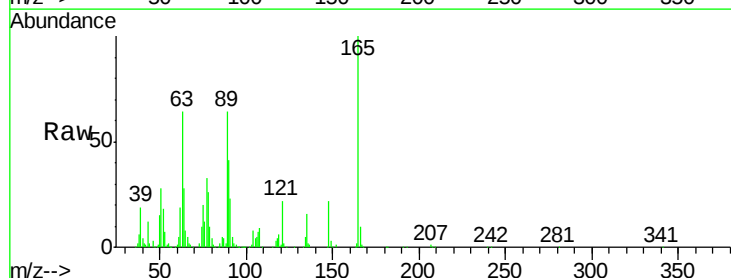
Tgt Ion:165 Resp: 311563

Ion Ratio Lower Upper

165 100

89 63.5 52.6 79.0

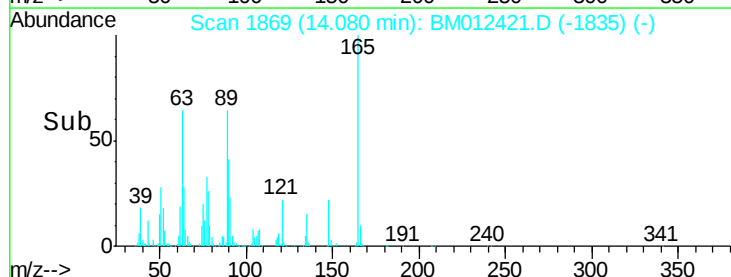
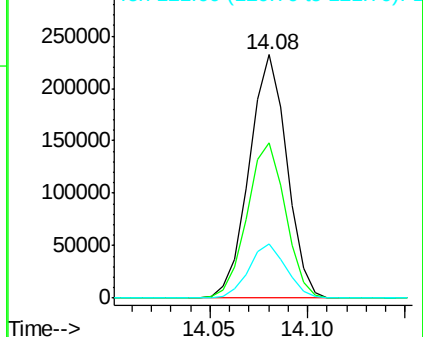
121 22.2 14.6 22.0#

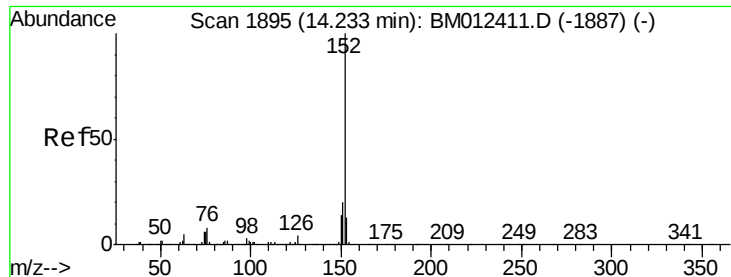


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 18.82 ng/ul

RT: 14.23 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

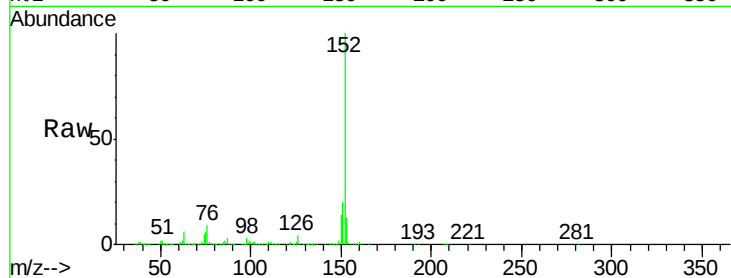
BNA_M

ClientSampleId :

SSTD02056

Tot Ion:152 Resp: 2067791

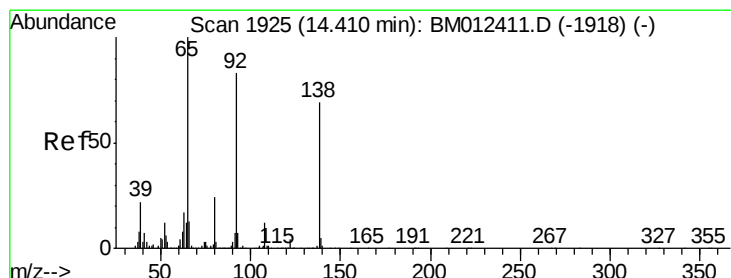
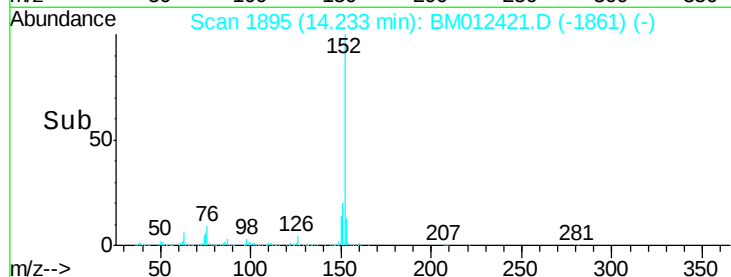
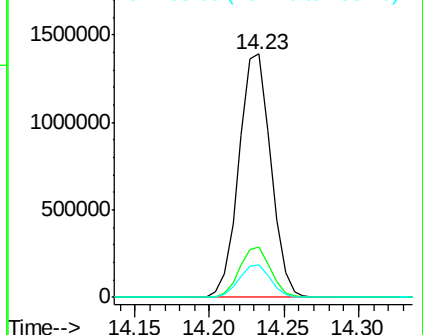
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.2	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 20.63 ng/ul

RT: 14.40 min Scan# 1924

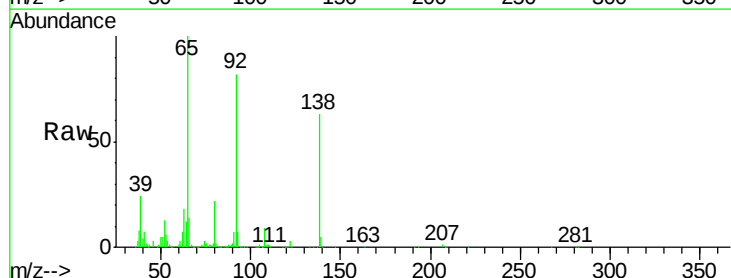
Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Tgt Ion:138 Resp: 295704

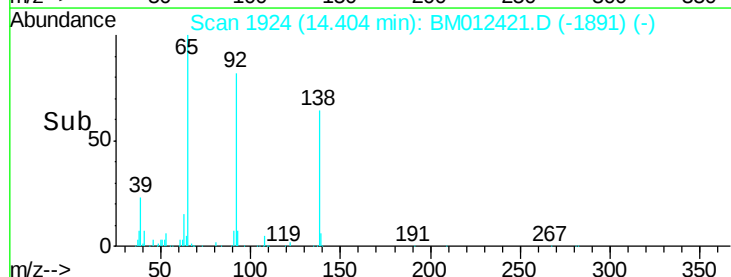
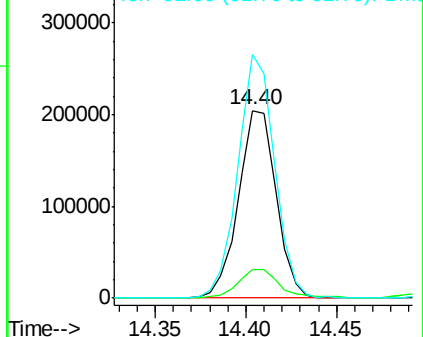
Ion	Ratio	Lower	Upper
138	100		
108	14.9	9.9	14.9#
92	129.7	105.0	157.4

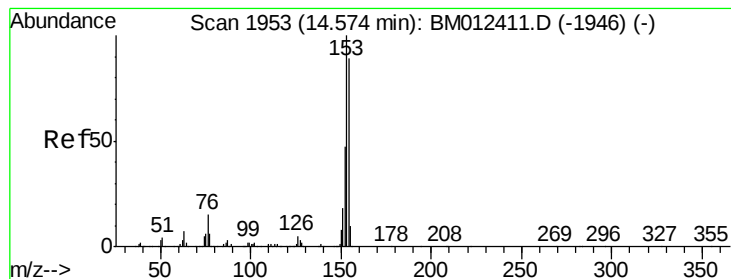


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 18.61 ng/ul

RT: 14.57 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

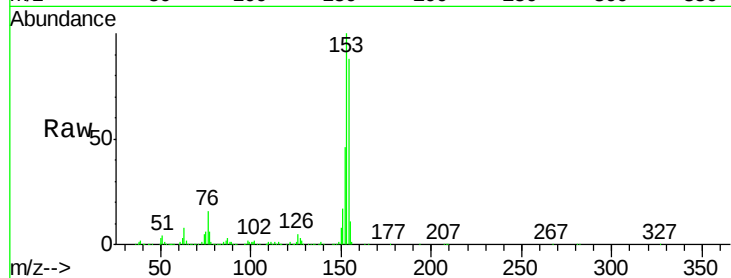
Tot Ion:153 Resp: 1400282

Ion Ratio Lower Upper

153 100

152 46.2 37.6 56.4

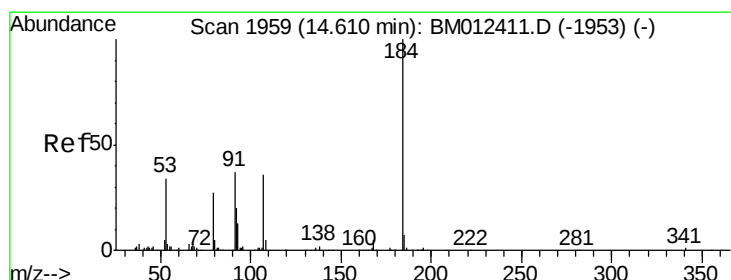
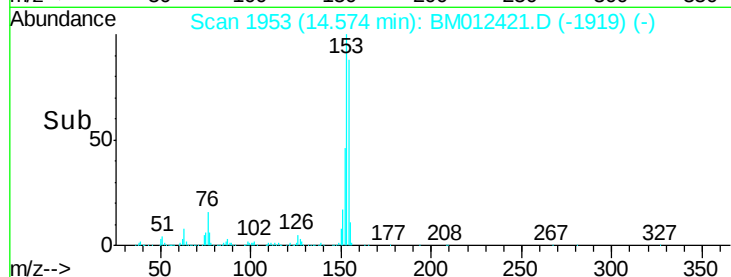
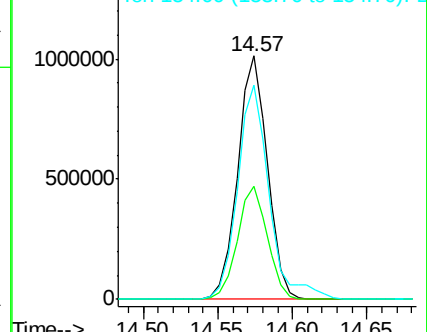
154 87.9 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 16.76 ng/ul

RT: 14.61 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

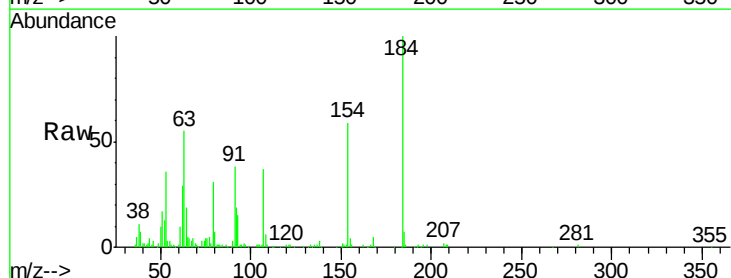
Tgt Ion:184 Resp: 143898

Ion Ratio Lower Upper

184 100

63 54.6 50.1 75.1

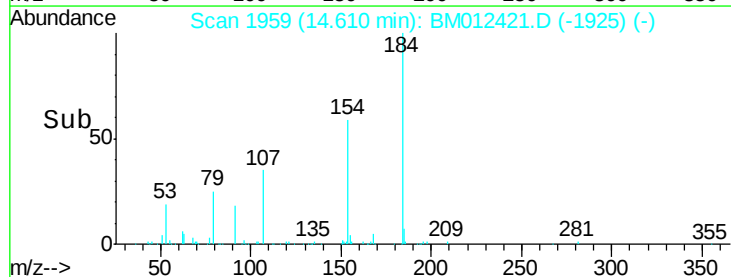
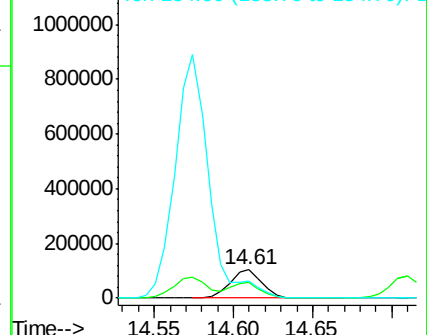
154 58.6 54.5 81.7

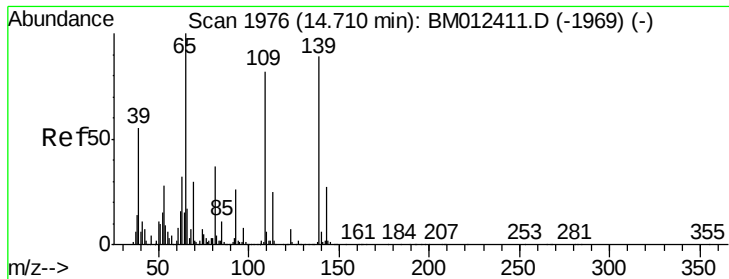


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

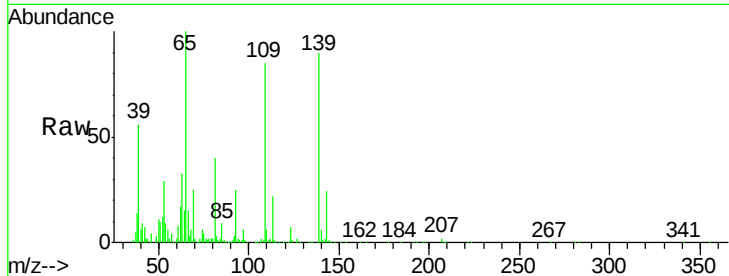




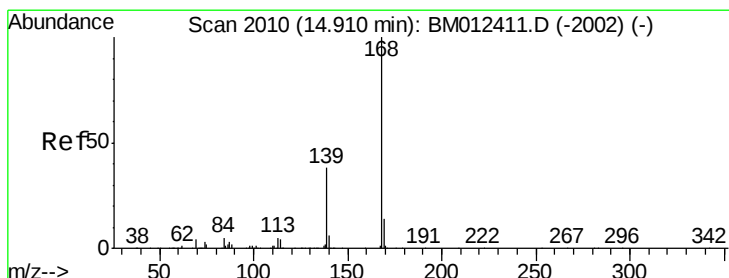
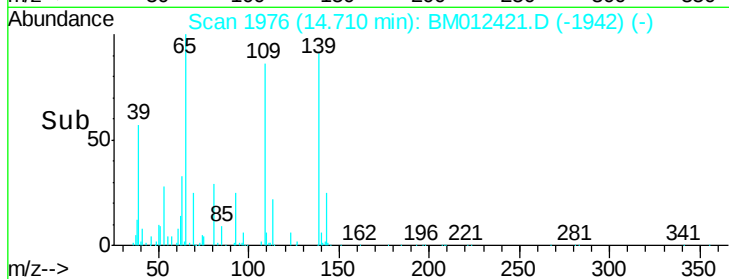
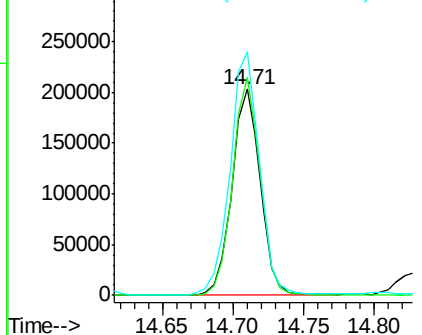
#52
4-Nitrophenol
Concen: 19.45 ng/ul
RT: 14.71 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tot Ion	Ratio	Lower	Upper
109	100		
139	105.8	80.0	120.0
65	118.0	120.0	180.0

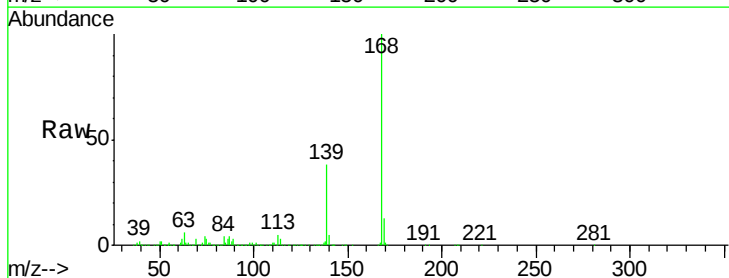


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

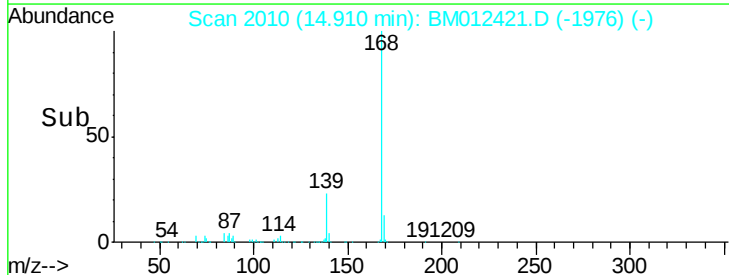
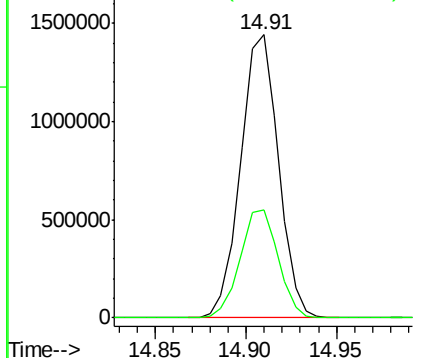


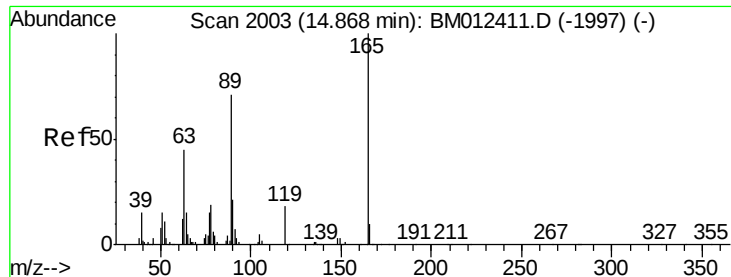
#53
Dibenzofuran
Concen: 18.73 ng/ul
RT: 14.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.8	46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

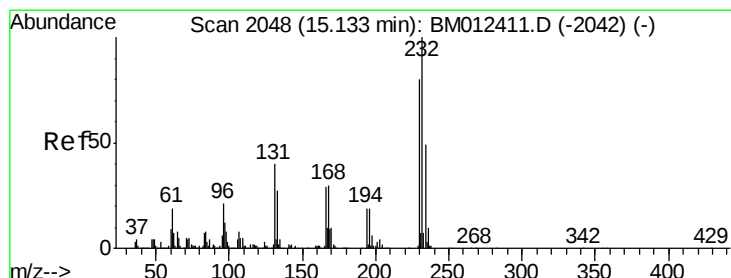
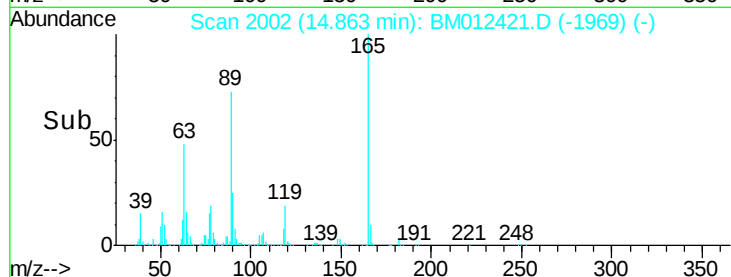
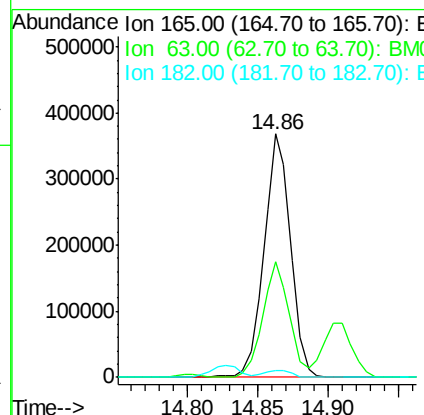
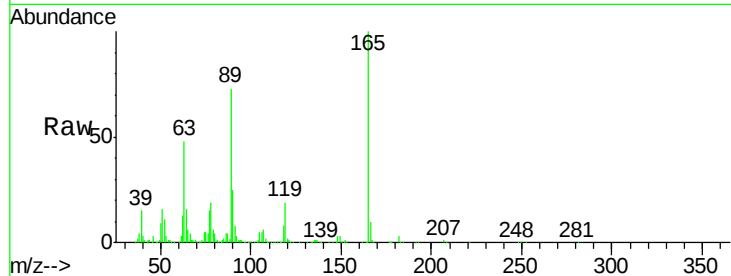




#54
2,4-Dinitrotoluene
Concen: 21.24 ng/ul
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

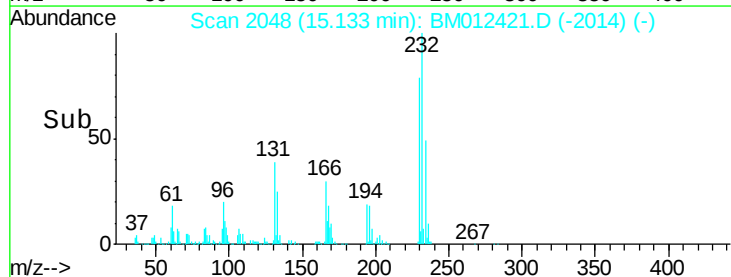
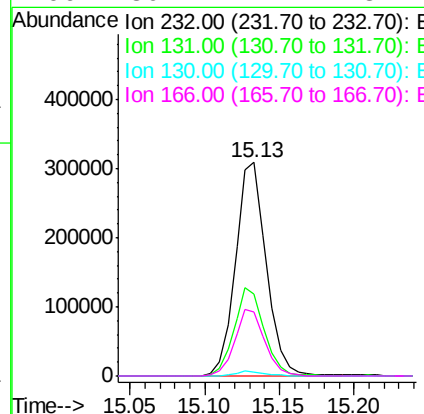
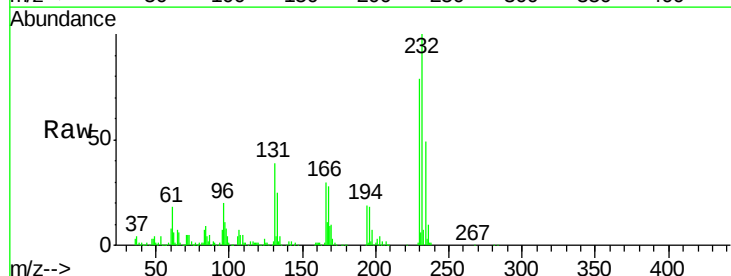
Instrument :
BNA_M
ClientSampleId :
SSTD02056

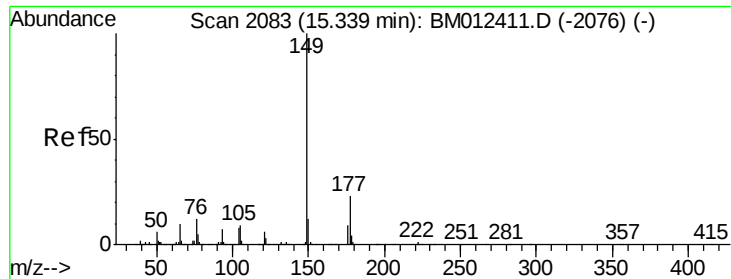
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	45.8	68.8
182	2.9	2.6	4.0



#55
2,3,4,6-Tetrachlorophenol
Concen: 19.19 ng/ul
RT: 15.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.6	29.0	43.4
130	2.0	2.0	3.0
166	30.1	21.4	32.2

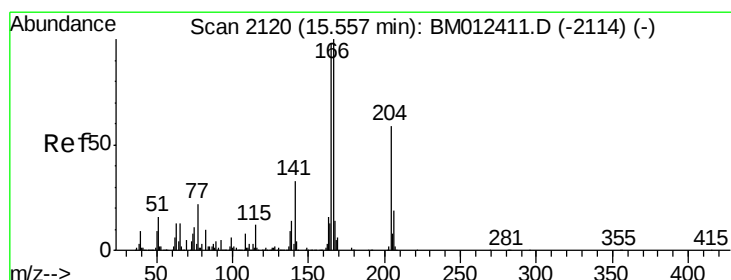
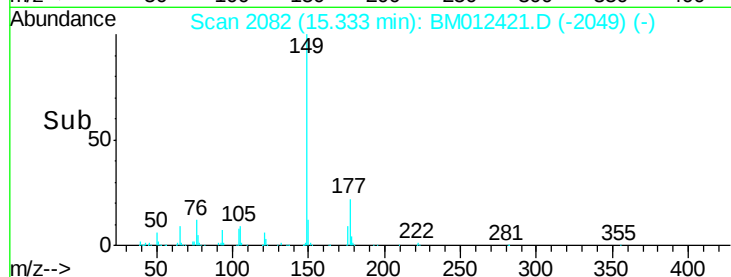
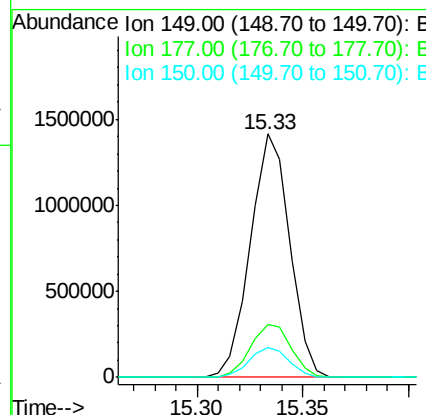
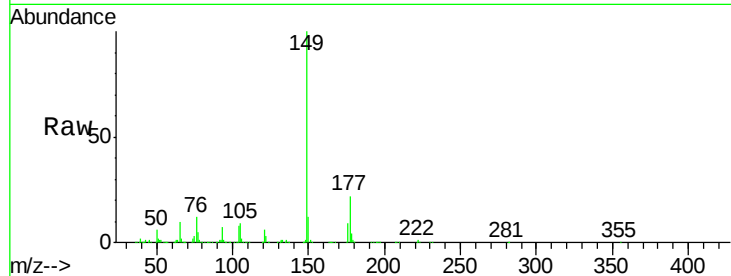




#56
Diethylphthalate
Concen: 18.70 ng/ul
RT: 15.33 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

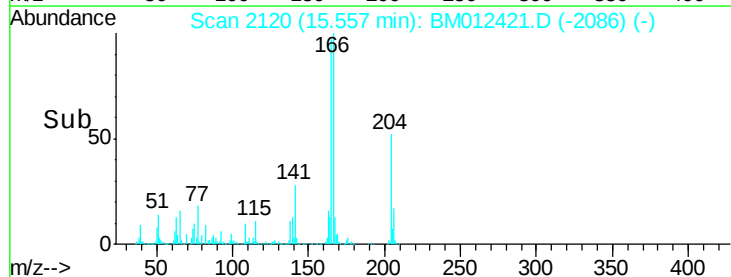
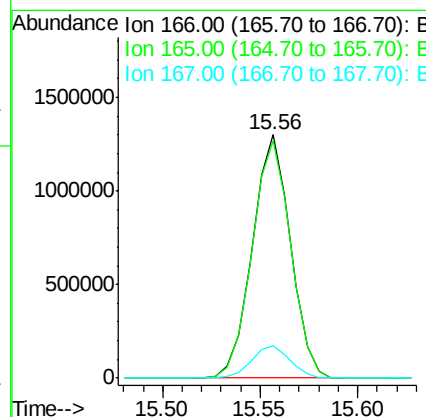
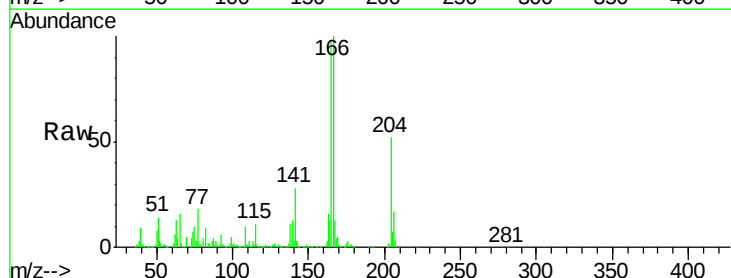
Instrument :
BNA_M
ClientSampleId :
SSTD02056

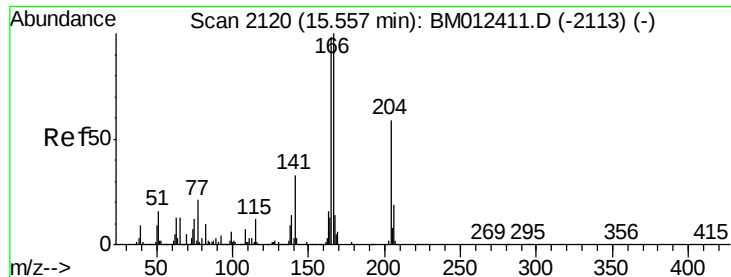
Tot Ion:149 Resp: 1835527
Ion Ratio Lower Upper
149 100
177 21.8 20.5 30.7
150 12.5 10.6 15.8



#58
Fluorene
Concen: 18.54 ng/ul
RT: 15.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Tgt Ion:166 Resp: 1746025
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 13.3 10.6 16.0

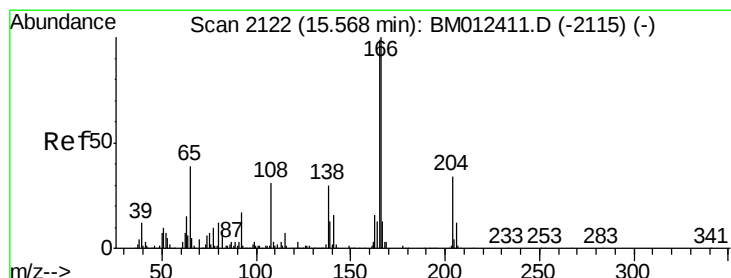
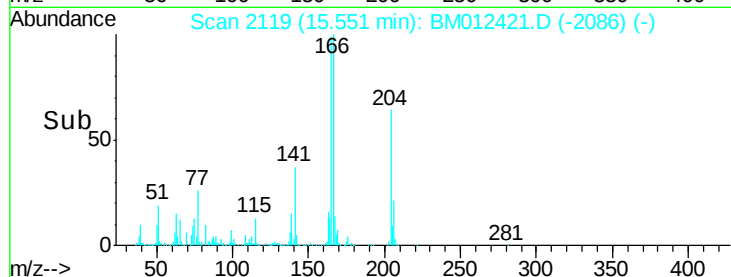
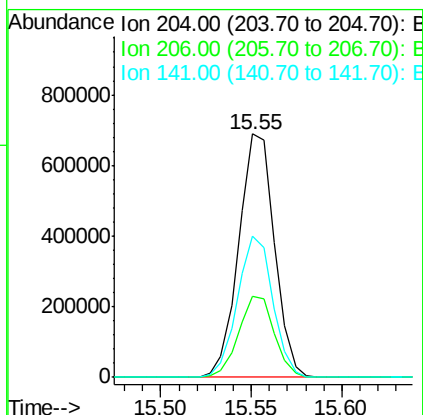
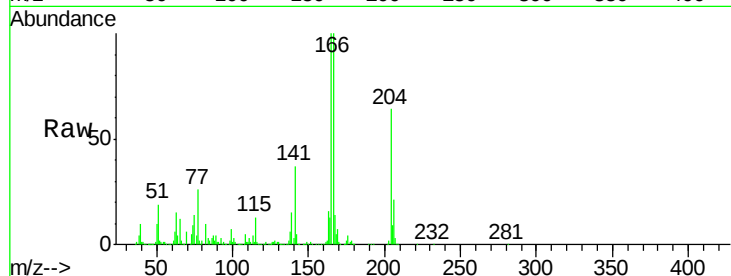




#59
4-Chlorophenyl-phenylether
Concen: 18.40 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

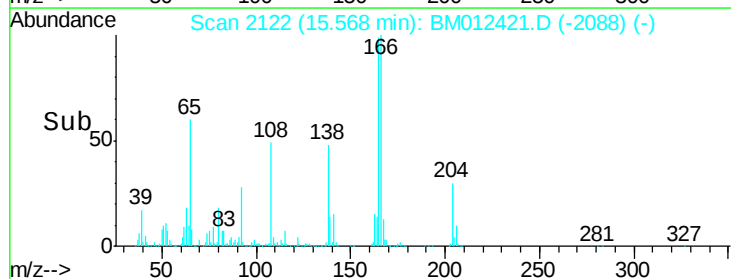
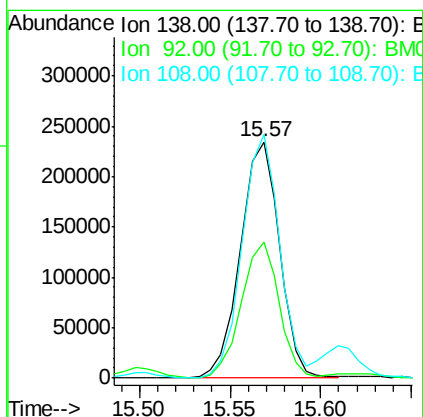
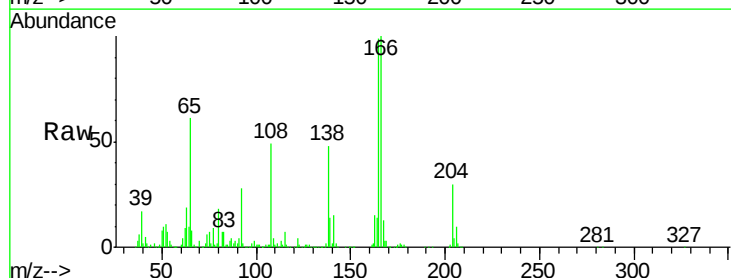
Instrument :
BNA_M
ClientSampleId :
SSTD02056

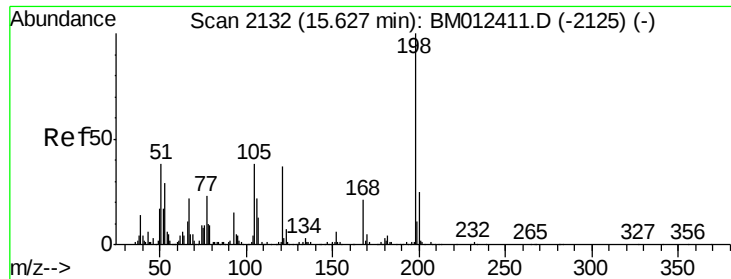
Tot Ion:204 Resp: 943310
Ion Ratio Lower Upper
204 100
206 33.4 24.8 37.2
141 58.2 44.3 66.5



#60
4-Nitroaniline
Concen: 19.59 ng/ul
RT: 15.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Tgt Ion:138 Resp: 352131
Ion Ratio Lower Upper
138 100
92 57.8 40.0 60.0
108 103.0 80.0 120.0

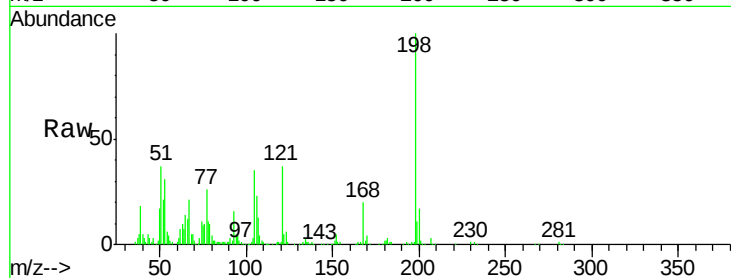




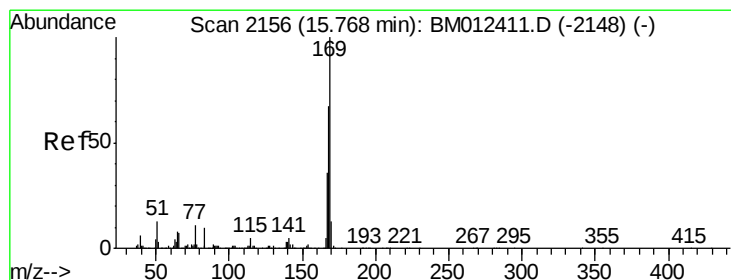
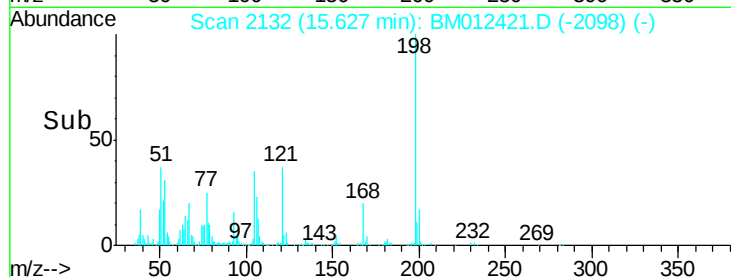
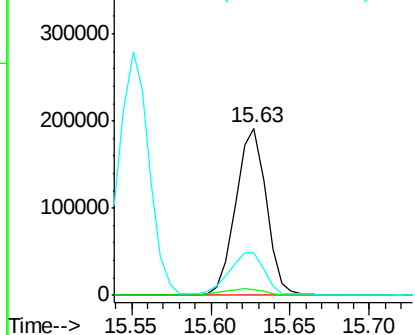
#63
 4,6-Dinitro-2-methylphenol
 Concen: 17.02 ng/ul
 RT: 15.63 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BM012421.D
 Acq: 24 Oct 2017 17:32

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02056

Tot Ion:198 Resp: 257447
 Ion Ratio Lower Upper
 198 100
 182 3.4 3.8 5.6#
 77 25.7 25.2 37.8

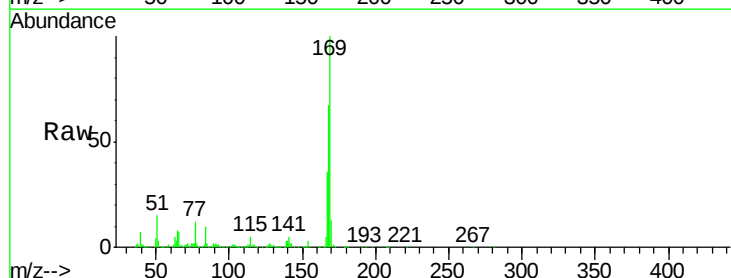


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

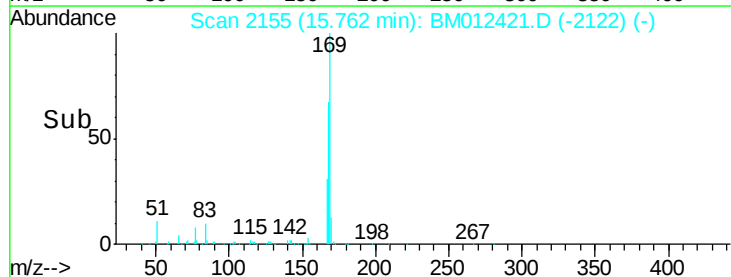
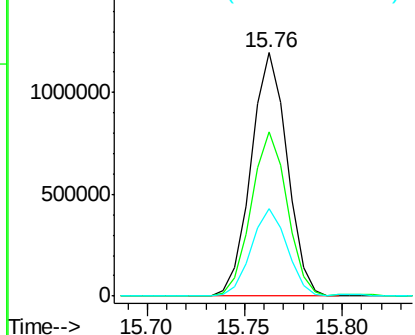


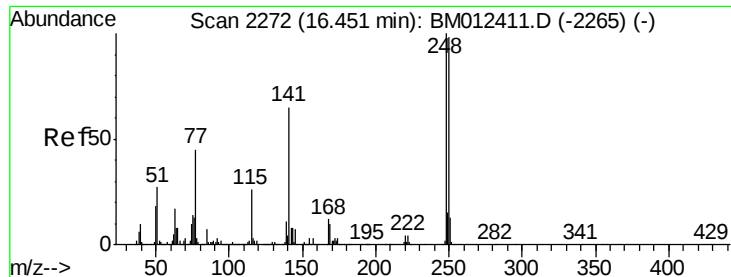
#64
 N-Nitrosodiphenylamine
 Concen: 18.60 ng/ul
 RT: 15.76 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM012421.D
 Acq: 24 Oct 2017 17:32

Tgt Ion:169 Resp: 1536278
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.0 81.0
 167 36.0 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

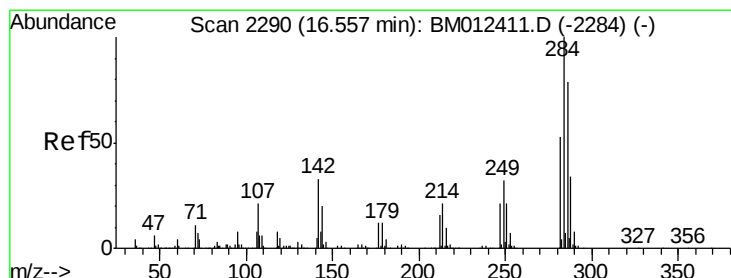
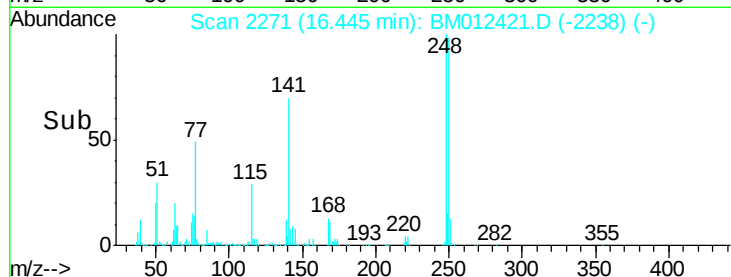
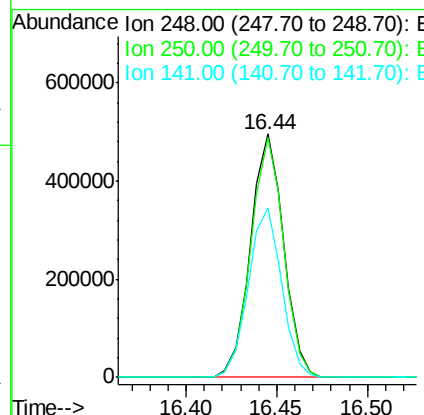
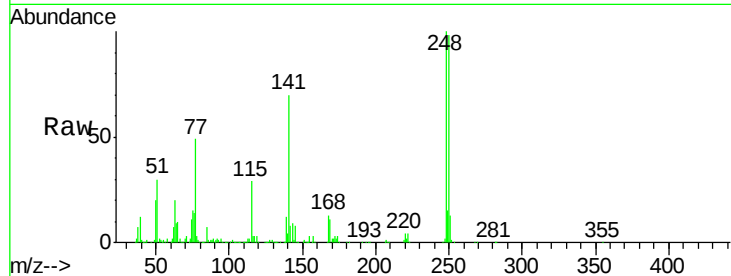




#65
4-Bromophenyl-phenylether
Concen: 18.49 ng/ul
RT: 16.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

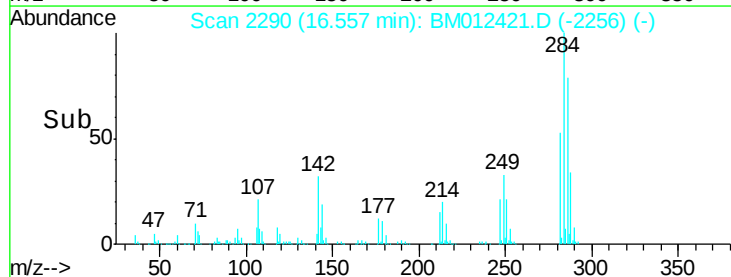
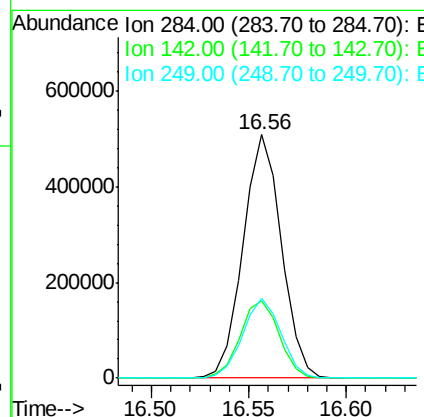
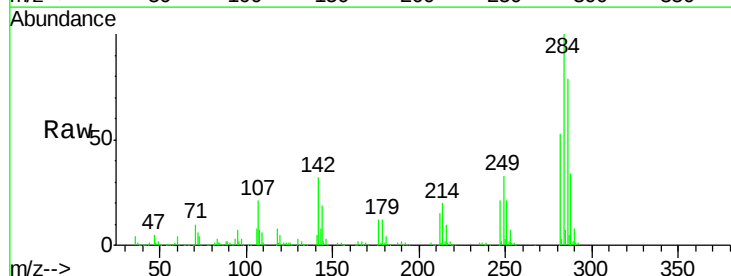
Instrument :
BNA_M
ClientSampleId :
SSTD02056

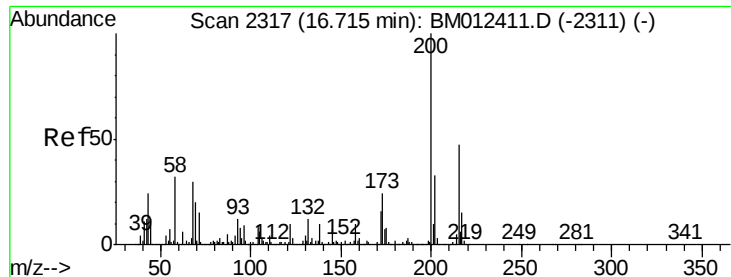
Tot Ion:248 Resp: 629388
Ion Ratio Lower Upper
248 100
250 98.5 80.5 120.7
141 69.8 53.6 80.4



#66
Hexachlorobenzene
Concen: 18.39 ng/ul
RT: 16.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Tgt Ion:284 Resp: 692636
Ion Ratio Lower Upper
284 100
142 31.8 21.2 31.8
249 32.5 24.5 36.7

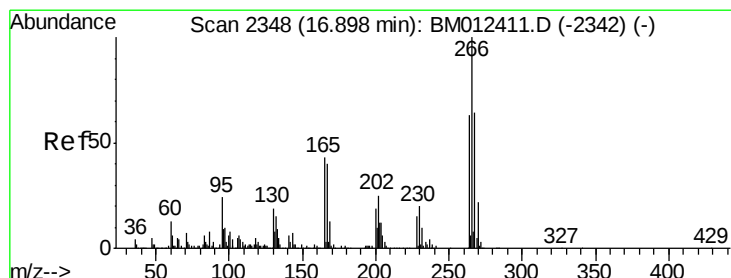
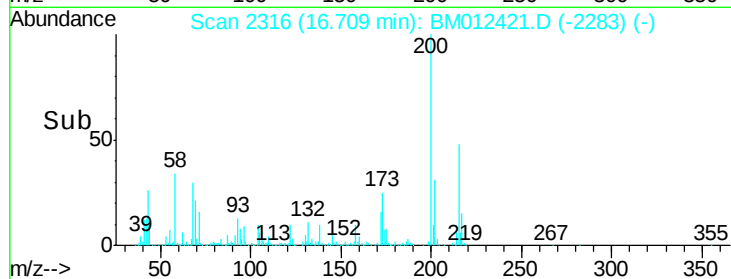
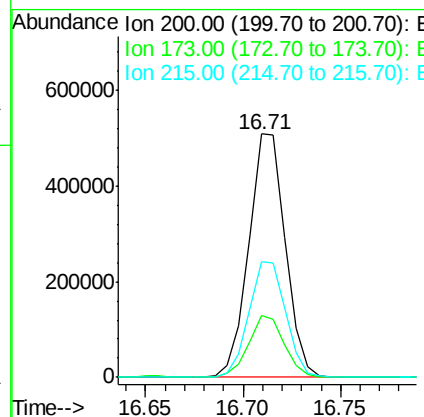
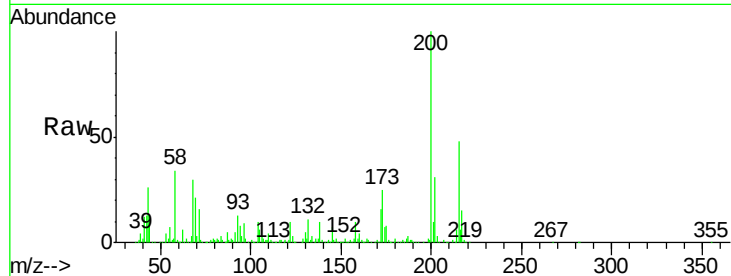




#67
Atrazine
Concen: 18.61 ng/ul
RT: 16.71 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

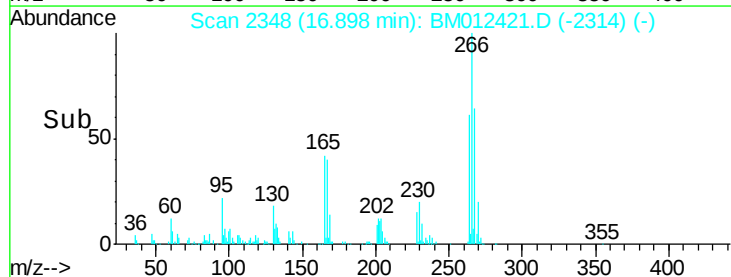
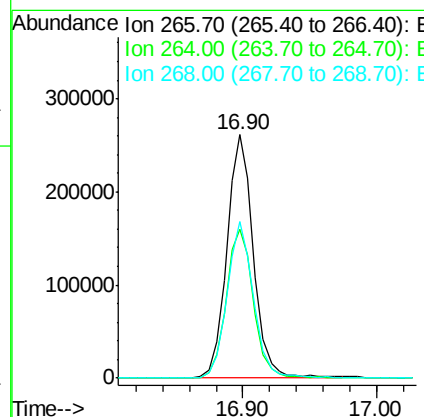
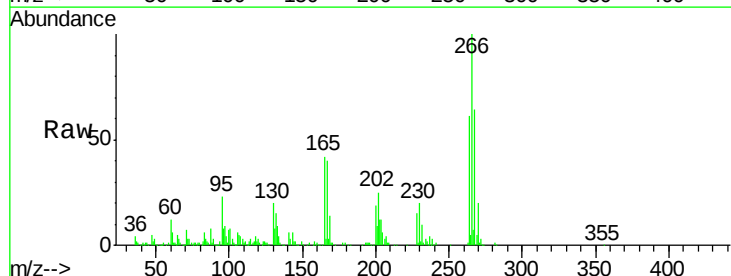
Instrument :
BNA_M
ClientSampleId :
SSTD02056

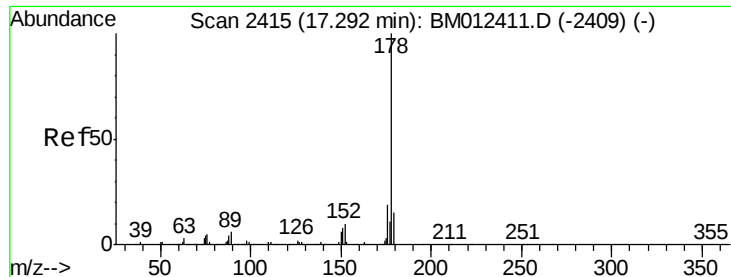
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	18.2	27.2
215	47.6	35.0	52.4



#68
Pentachlorophenol
Concen: 17.71 ng/ul
RT: 16.90 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.3	49.3	73.9
268	64.4	52.6	78.8





#69

Phenanthrene

Concen: 18.53 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

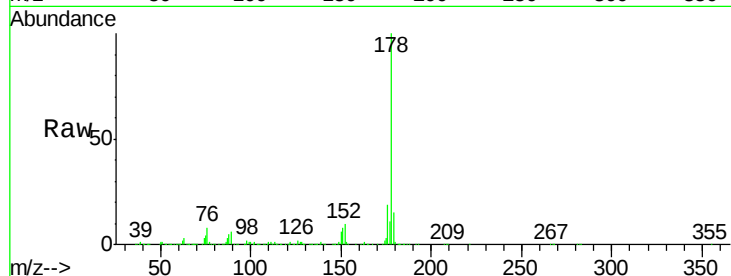
Tot Ion:178 Resp: 2847838

Ion Ratio Lower Upper

178 100

179 14.9 12.6 19.0

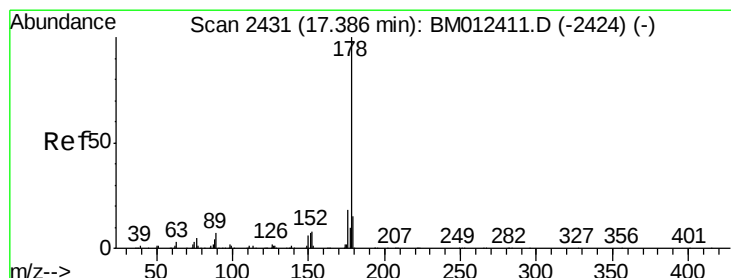
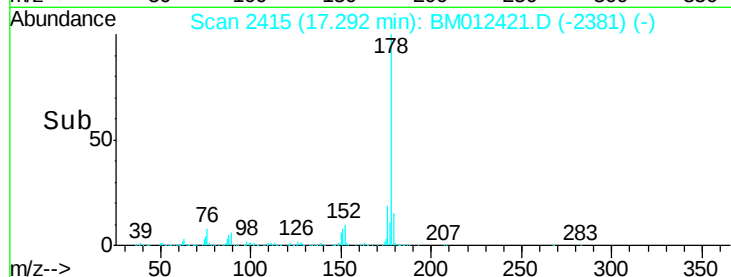
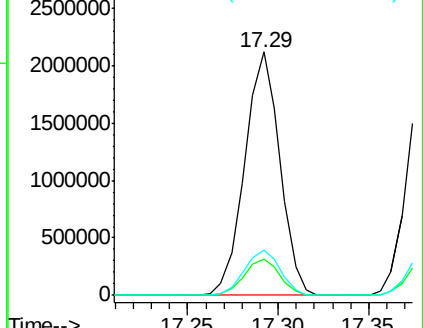
176 18.7 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 18.63 ng/ul

RT: 17.38 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

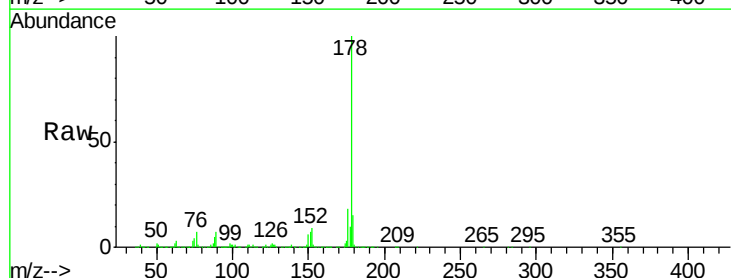
Tgt Ion:178 Resp: 2959940

Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

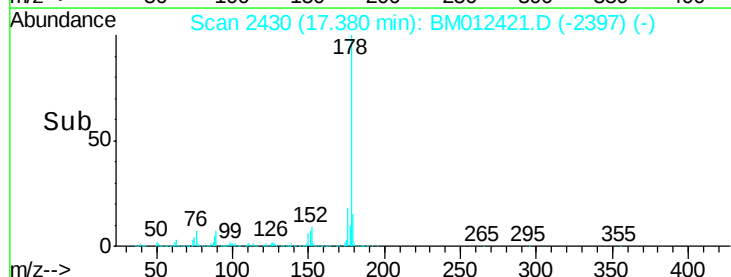
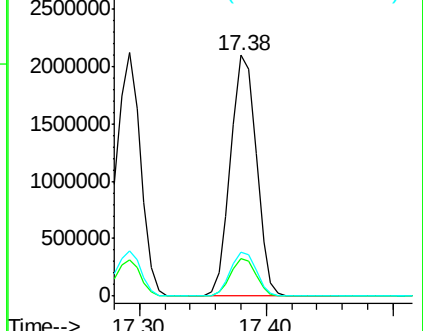
176 18.3 14.6 21.8

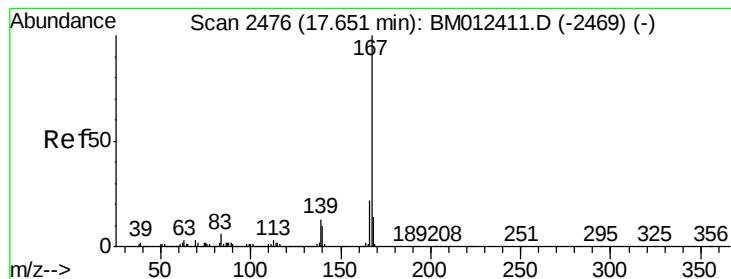


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 19.65 ng/ul

RT: 17.64 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

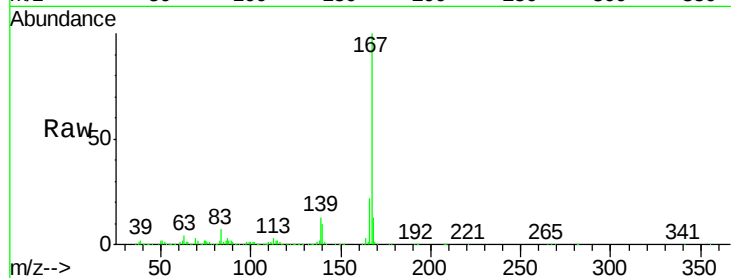
Tot Ion:167 Resp: 2586078

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

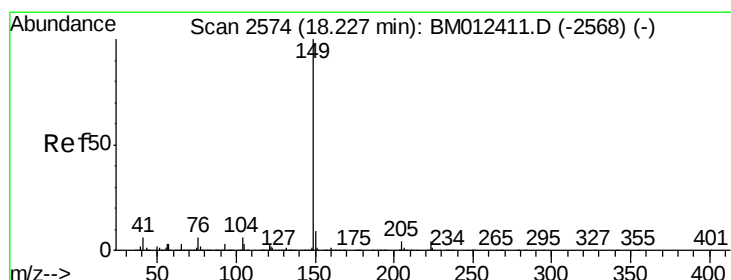
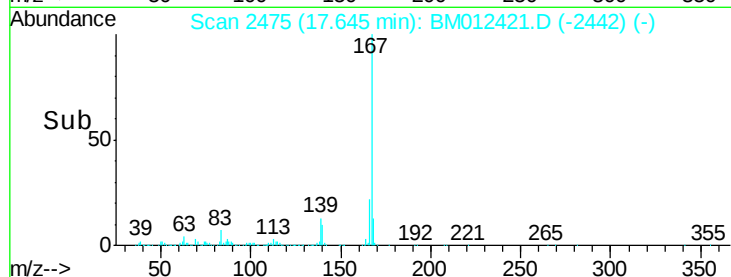
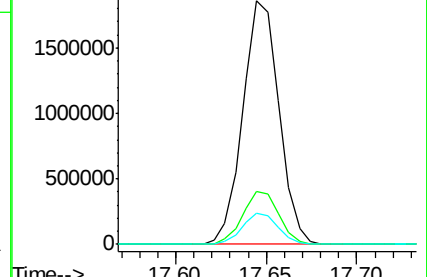
139 12.8 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 18.69 ng/ul

RT: 18.22 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

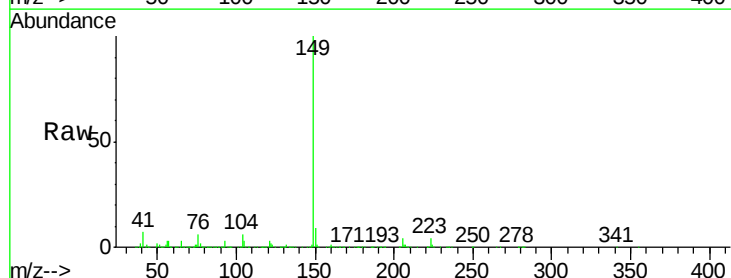
Tgt Ion:149 Resp: 3136652

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

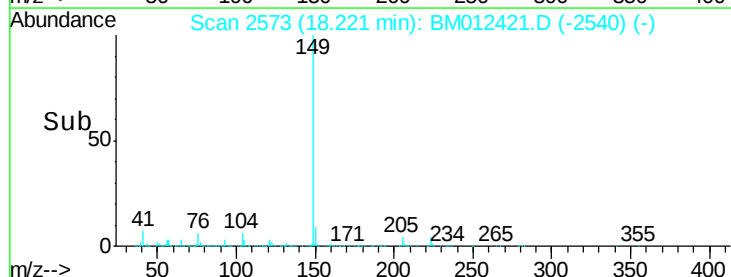
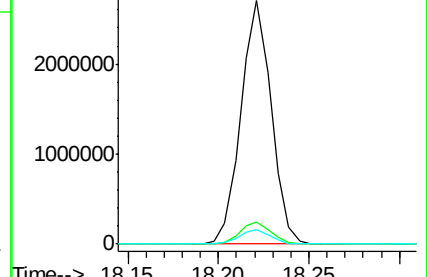
104 5.9 5.6 8.4

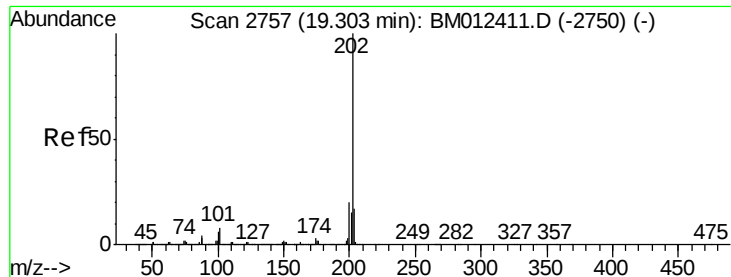


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.82 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

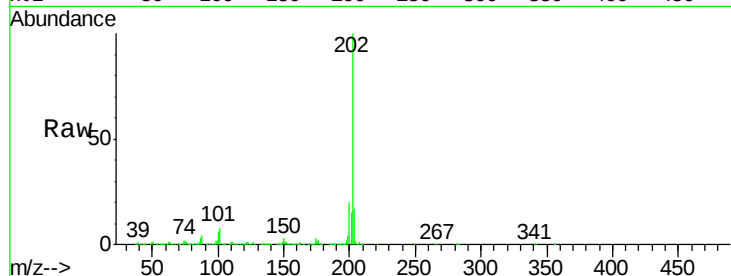
Tot Ion:202 Resp: 3625958

Ion Ratio Lower Upper

202 100

101 7.9 4.6 7.0#

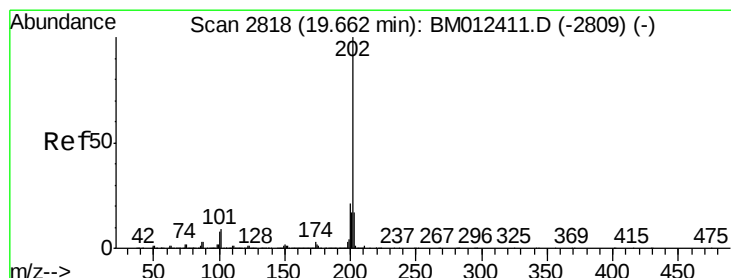
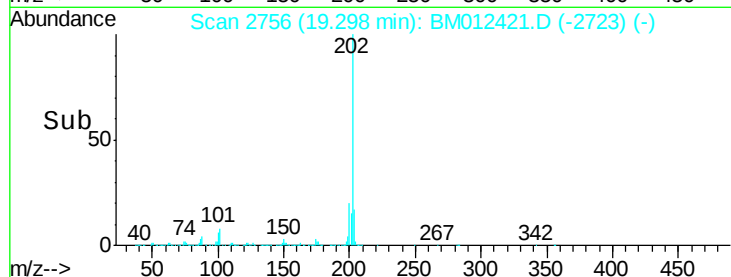
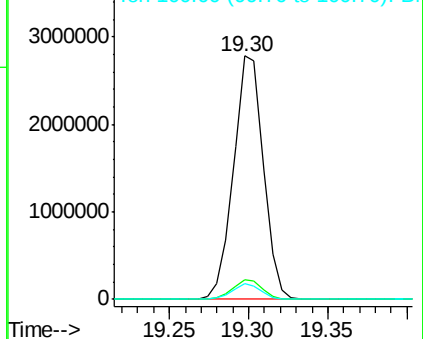
100 6.4 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 19.21 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

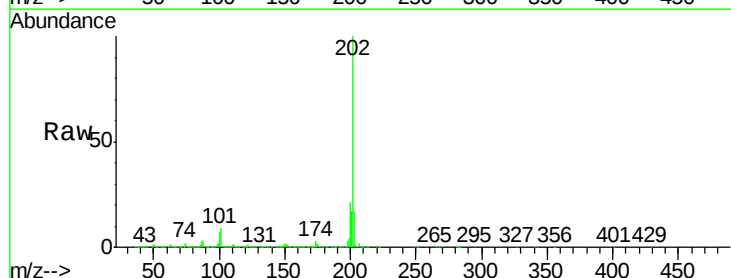
Tgt Ion:202 Resp: 3723124

Ion Ratio Lower Upper

202 100

101 9.1 5.1 7.7#

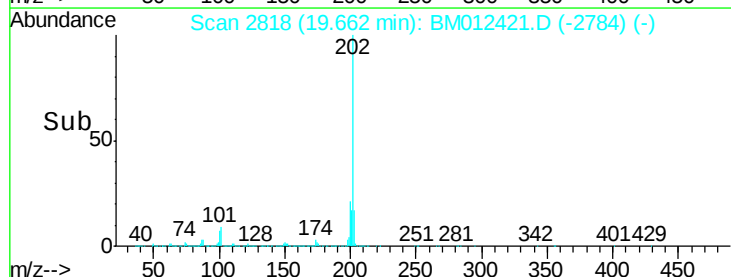
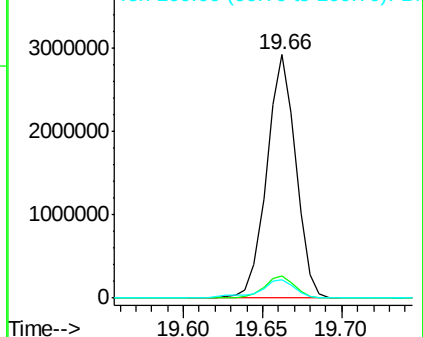
100 7.4 4.9 7.3#

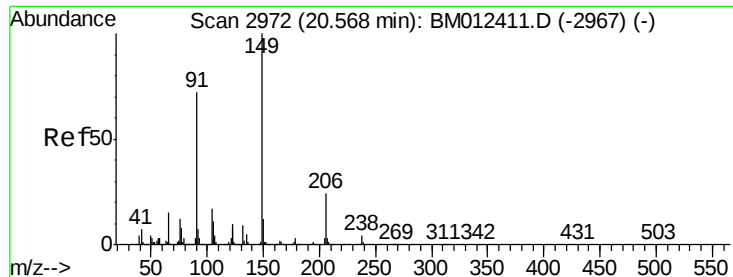


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 18.85 ng/ul

RT: 20.56 min Scan# 2971

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

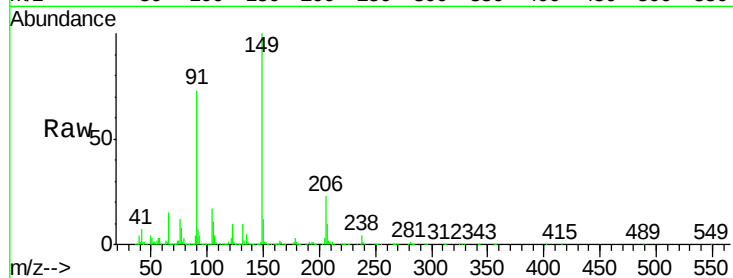
Tot Ion:149 Resp: 1439804

Ion Ratio Lower Upper

149 100

91 72.8 62.7 94.1

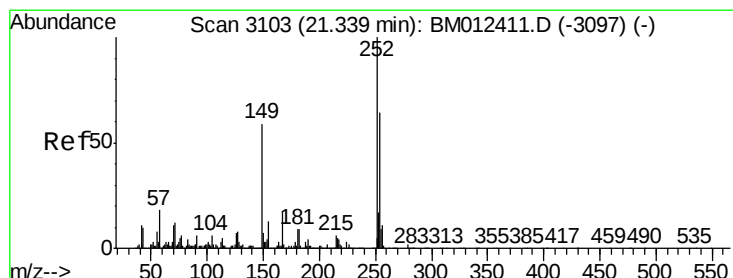
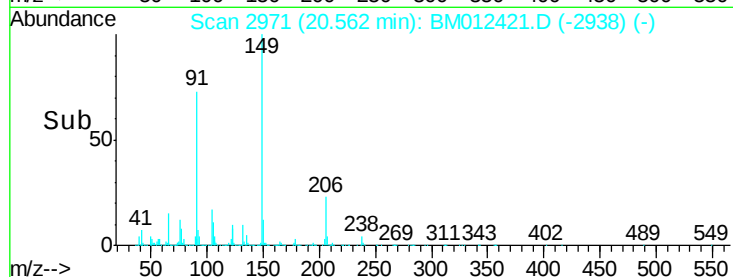
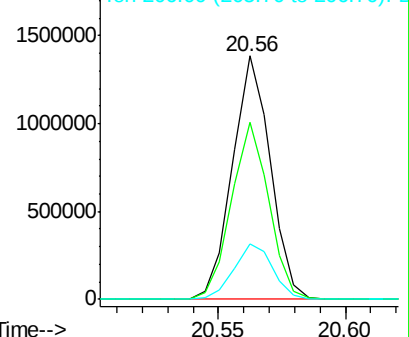
206 22.5 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 18.63 ng/ul

RT: 21.33 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

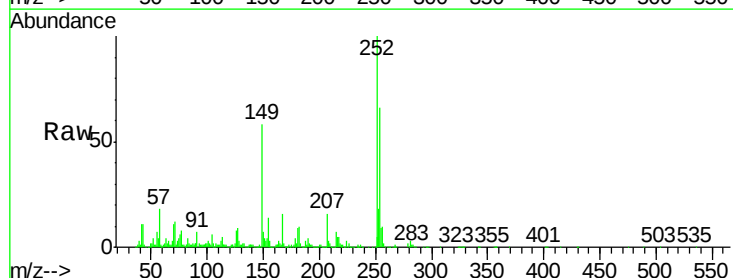
Tgt Ion:252 Resp: 1393679

Ion Ratio Lower Upper

252 100

254 65.5 54.5 81.7

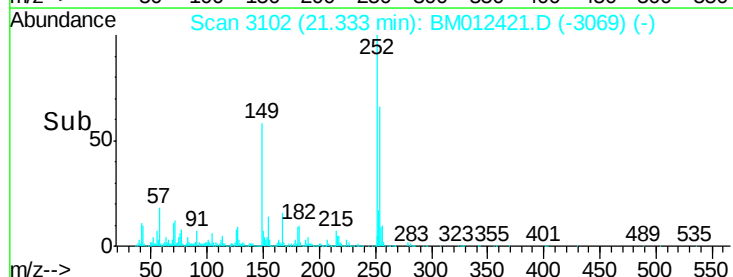
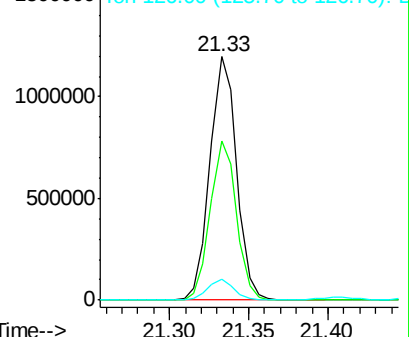
126 8.5 5.8 8.8

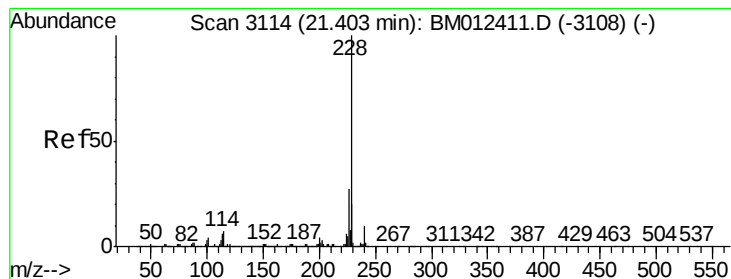


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.19 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

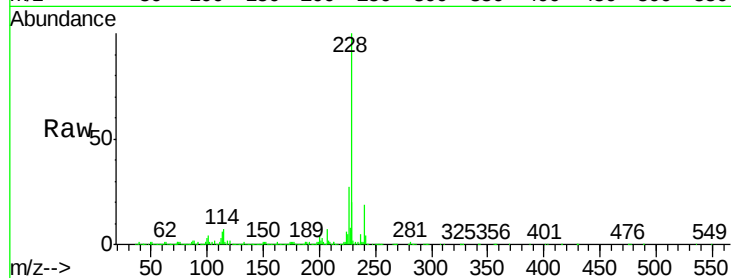
Tot Ion:228 Resp: 3917024

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.4	23.0
226	27.4	21.4	32.0

228 100

229 19.6 15.4 23.0

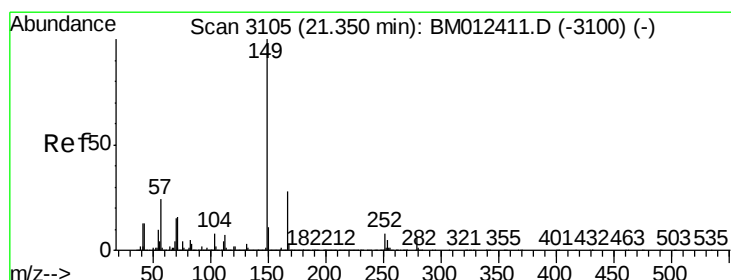
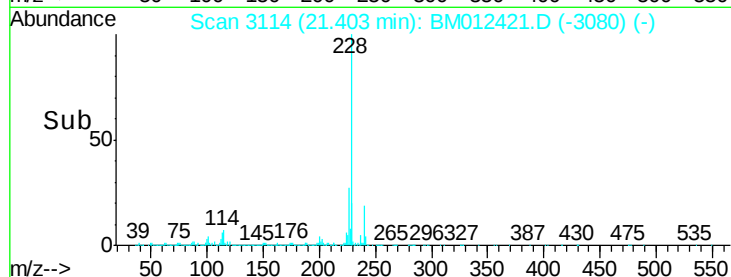
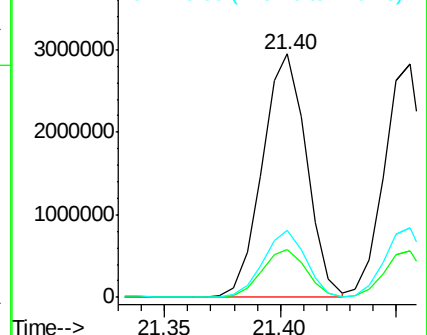
226 27.4 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 18.88 ng/ul

RT: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

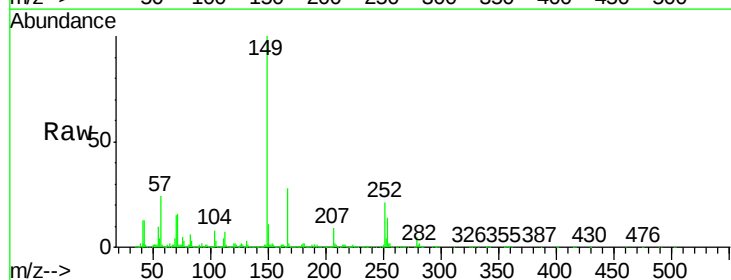
Tgt Ion:149 Resp: 2193332

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.8	34.2
279	5.5	4.9	7.3

149 100

167 28.3 22.8 34.2

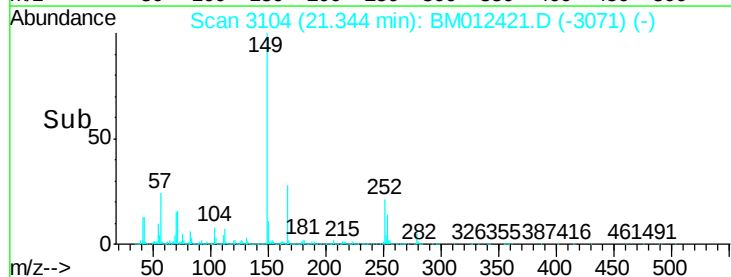
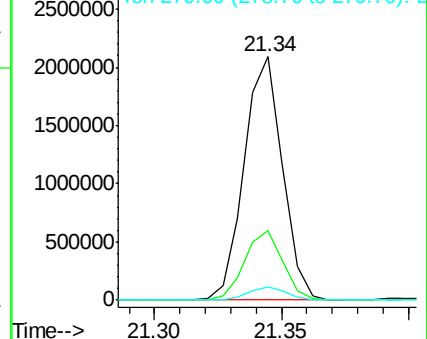
279 5.5 4.9 7.3

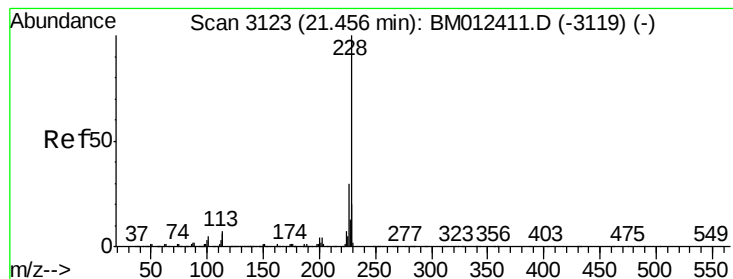


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.18 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

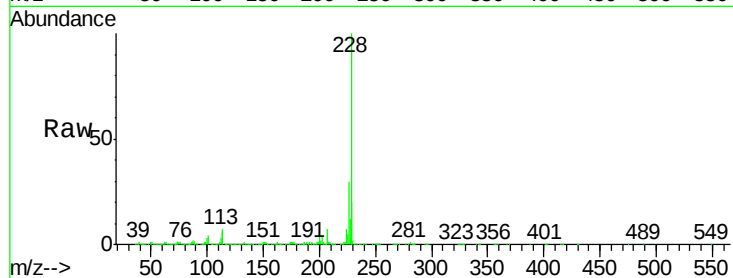
BNA_M

ClientSampleId :

SSTD02056

Tot Ion:228 Resp: 3480550

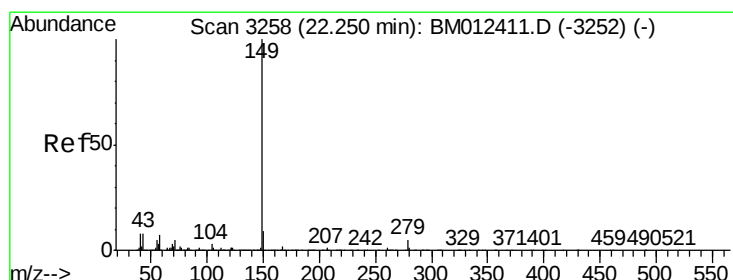
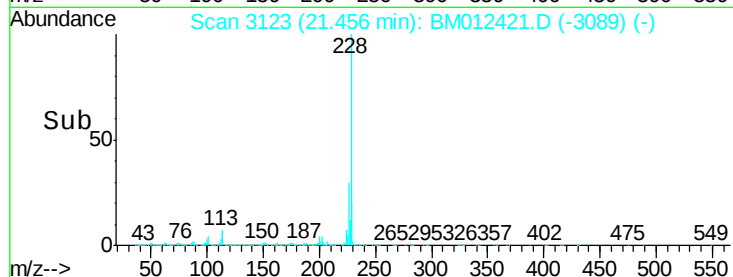
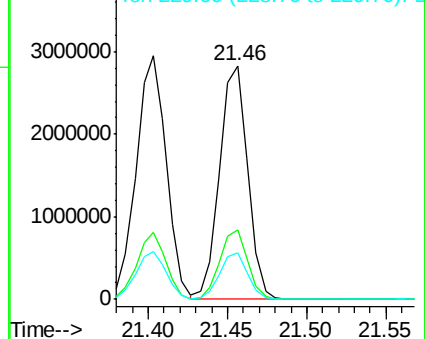
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	19.8	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 20.54 ng/ul

RT: 22.24 min Scan# 3257

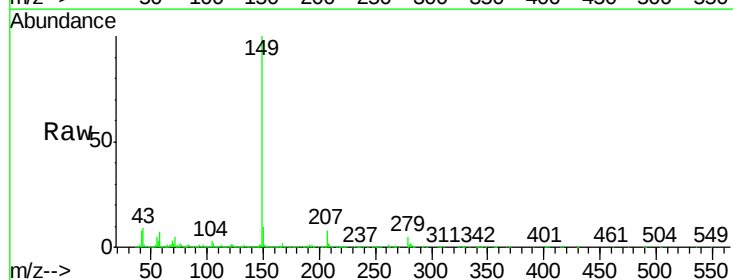
Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Tgt Ion:149 Resp: 3683809

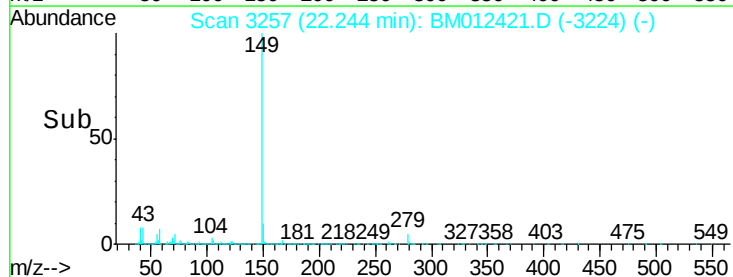
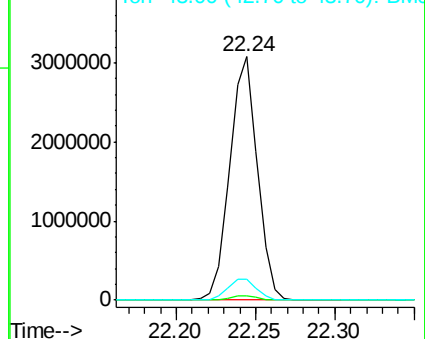
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	7.3	10.9

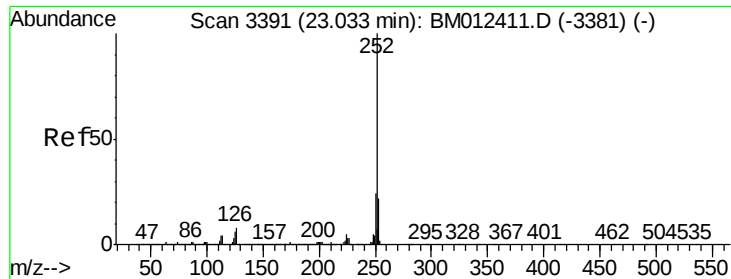


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

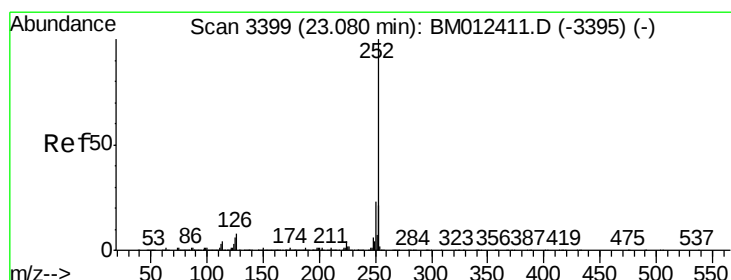
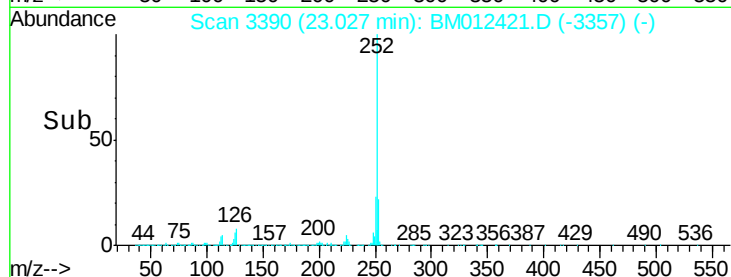
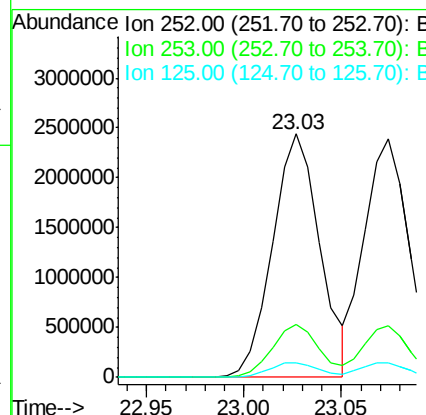
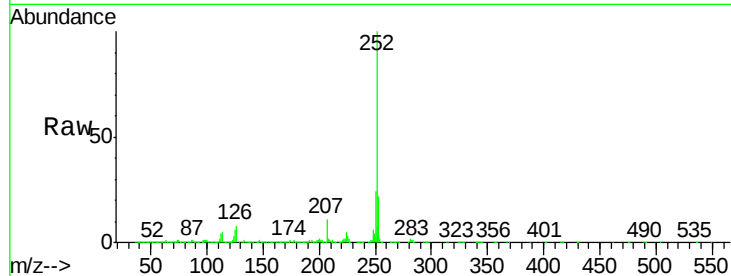




#85
Benzo(b)fluoranthene
Concen: 19.21 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.01 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

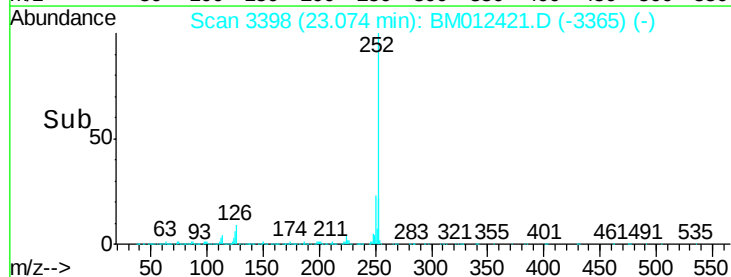
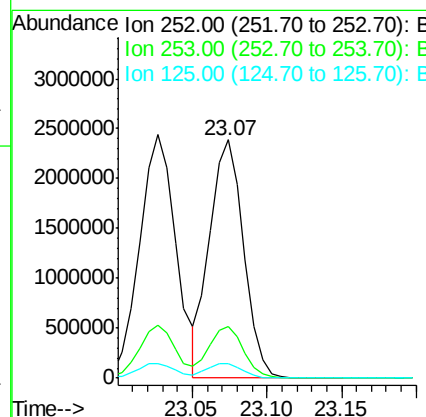
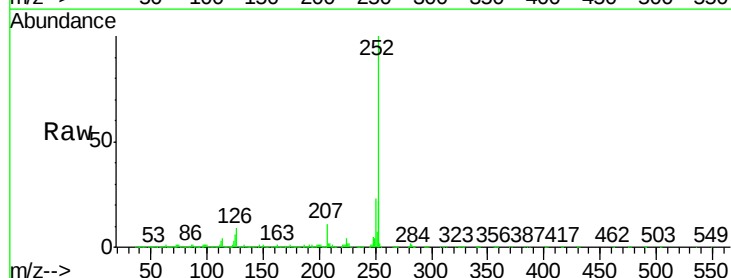
Instrument :
BNA_M
ClientSampleId :
SSTD02056

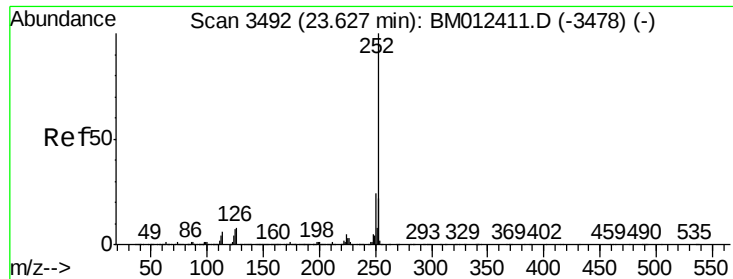
Tot Ion:252 Resp: 4105333
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 6.1 3.6 5.4#



#86
Benzo(k)fluoranthene
Concen: 18.84 ng/ul
RT: 23.07 min Scan# 3398
Delta R.T. -0.01 min
Lab File: BM012421.D
Acq: 24 Oct 2017 17:32

Tgt Ion:252 Resp: 3789668
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.2 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 18.67 ng/ul

RT: 23.62 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

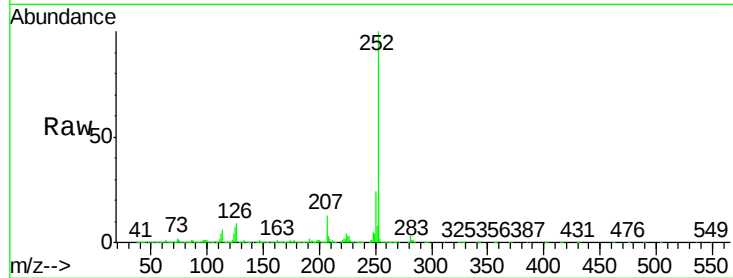
Tot Ion:252 Resp: 3805886

Ion Ratio Lower Upper

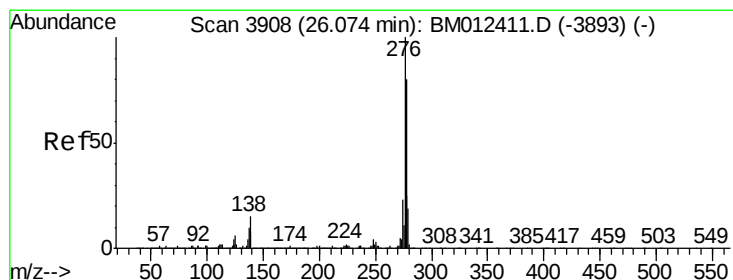
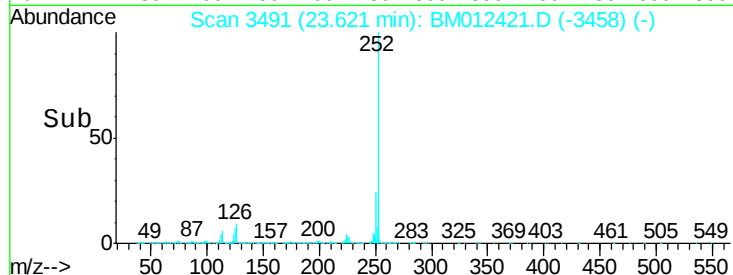
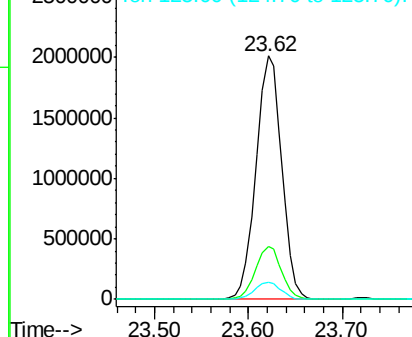
252 100

253 21.8 18.2 27.2

125 7.0 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 17.75 ng/ul

RT: 26.06 min Scan# 3906

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

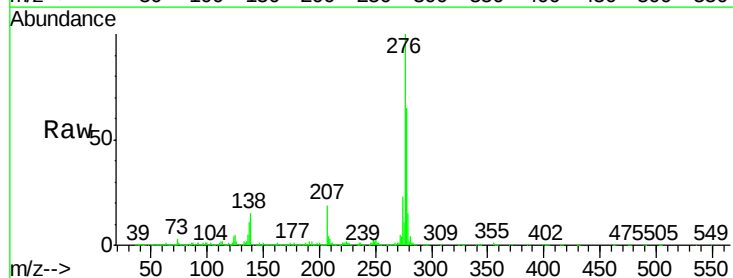
Tgt Ion:276 Resp: 4258666

Ion Ratio Lower Upper

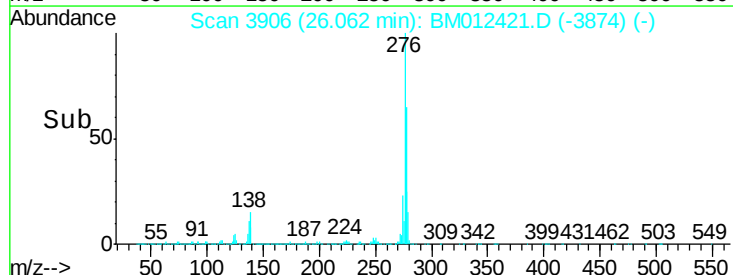
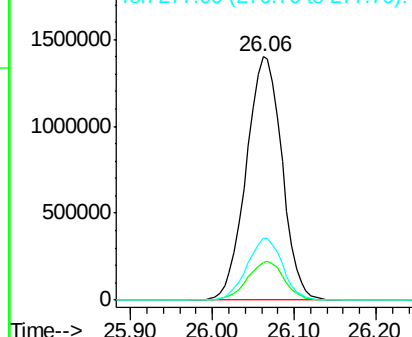
276 100

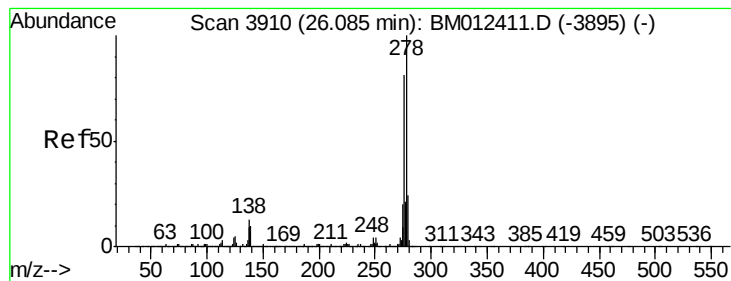
138 15.5 9.3 13.9#

277 25.2 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 17.77 ng/ul

RT: 26.08 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD02056

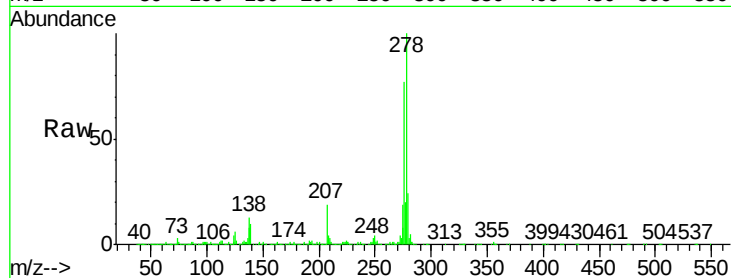
Tot Ion:278 Resp: 3613993

Ion Ratio Lower Upper

278 100

139 10.3 5.8 8.8#

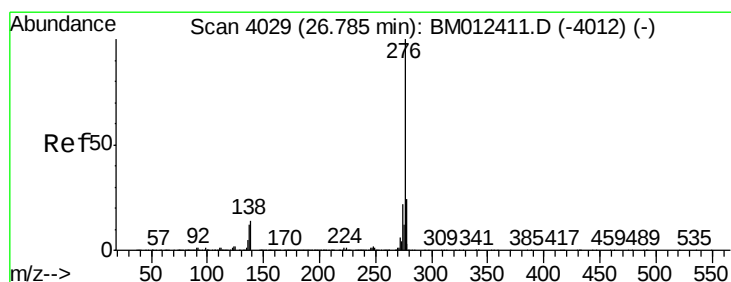
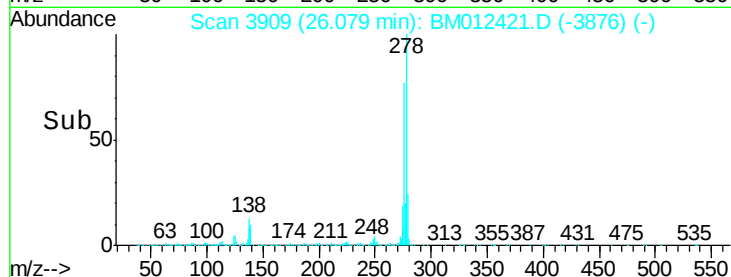
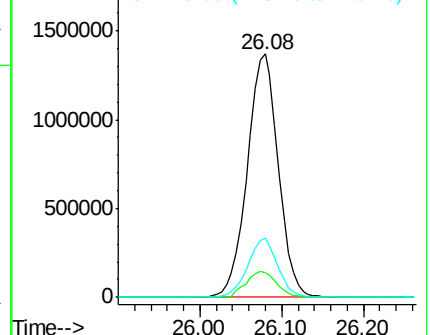
279 24.5 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 17.36 ng/ul

RT: 26.78 min Scan# 4028

Delta R.T. -0.01 min

Lab File: BM012421.D

Acq: 24 Oct 2017 17:32

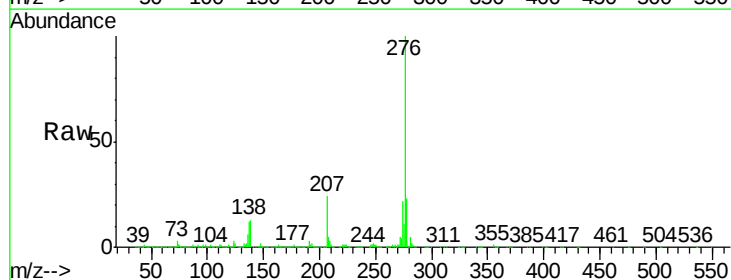
Tgt Ion:276 Resp: 3375298

Ion Ratio Lower Upper

276 100

138 13.3 8.5 12.7#

277 23.1 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

