

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
 Data File : BM012436.D
 Acq On : 25 Oct 2017 05:12
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02057

Quant Time: Oct 25 06:49:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 25 00:51:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	264087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1191230	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	848160	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2252542	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	3140144	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3390414	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	41889	8.10	ng/uL	0.00
5) Phenol-d5	7.05	99	439312	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	253046	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	329293	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	384080	20.37	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	158026	21.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	165990	21.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	411767	20.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	482597	22.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1376490	18.58	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1621844	18.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	197196	17.90	ng/ul	0.00
57) Fluorene-d10	15.50	176	1179535	18.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	112606	10.33	ng/ul	0.00
70) Anthracene-d10	17.34	188	2018233	18.80	ng/ul	0.00
76) Pyrene-d10	19.63	212	2477034	17.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2964368	18.40	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.40	88	44103	7.99	ng/uL# 63
4) Benzaldehyde	7.02	77	293751	24.49	ng/ul 95
6) Phenol	7.07	94	459203	19.99	ng/ul# 86
8) Bis(2-Chloroethyl)ether	7.30	93	323980	19.18	ng/ul 97
10) 2-Chlorophenol	7.45	128	339123	20.06	ng/ul 97
11) 2-Methylphenol	8.32	108	336963	19.46	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.42	45	363828	19.60	ng/ul# 77
14) Acetophenone	8.70	105	577471	19.49	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.69	70	315176	19.49	ng/ul# 65
16) 4-Methylphenol	8.65	108	383426	20.23	ng/ul 91
17) Hexachloroethane	8.96	117	129654	18.09	ng/ul 87
20) Nitrobenzene	9.07	77	445213	20.72	ng/ul 98
21) Isophorone	9.60	82	850264	18.69	ng/ul 95
23) 2-Nitrophenol	9.79	139	181730	21.28	ng/ul# 85
24) 2,4-Dimethylphenol	9.85	107	464451	19.33	ng/ul 94
25) Bis(2-Chloroethoxy)methane	10.08	93	490641	19.20	ng/ul 95
27) 2,4-Dichlorophenol	10.32	162	406506	20.47	ng/ul# 92
28) Naphthalene	10.72	128	1120952	18.98	ng/ul 100
30) 4-Chloroaniline	10.83	127	491876	22.75	ng/ul 92
31) Hexachlorobutadiene	11.02	225	279275	18.33	ng/ul 95
32) Caprolactam	11.59	113	148362	23.06	ng/ul# 43
33) 4-Chloro-3-methylphenol	11.96	107	460742	20.65	ng/ul 99
34) 2-Methylnaphthalene	12.33	142	915675	19.09	ng/ul 97

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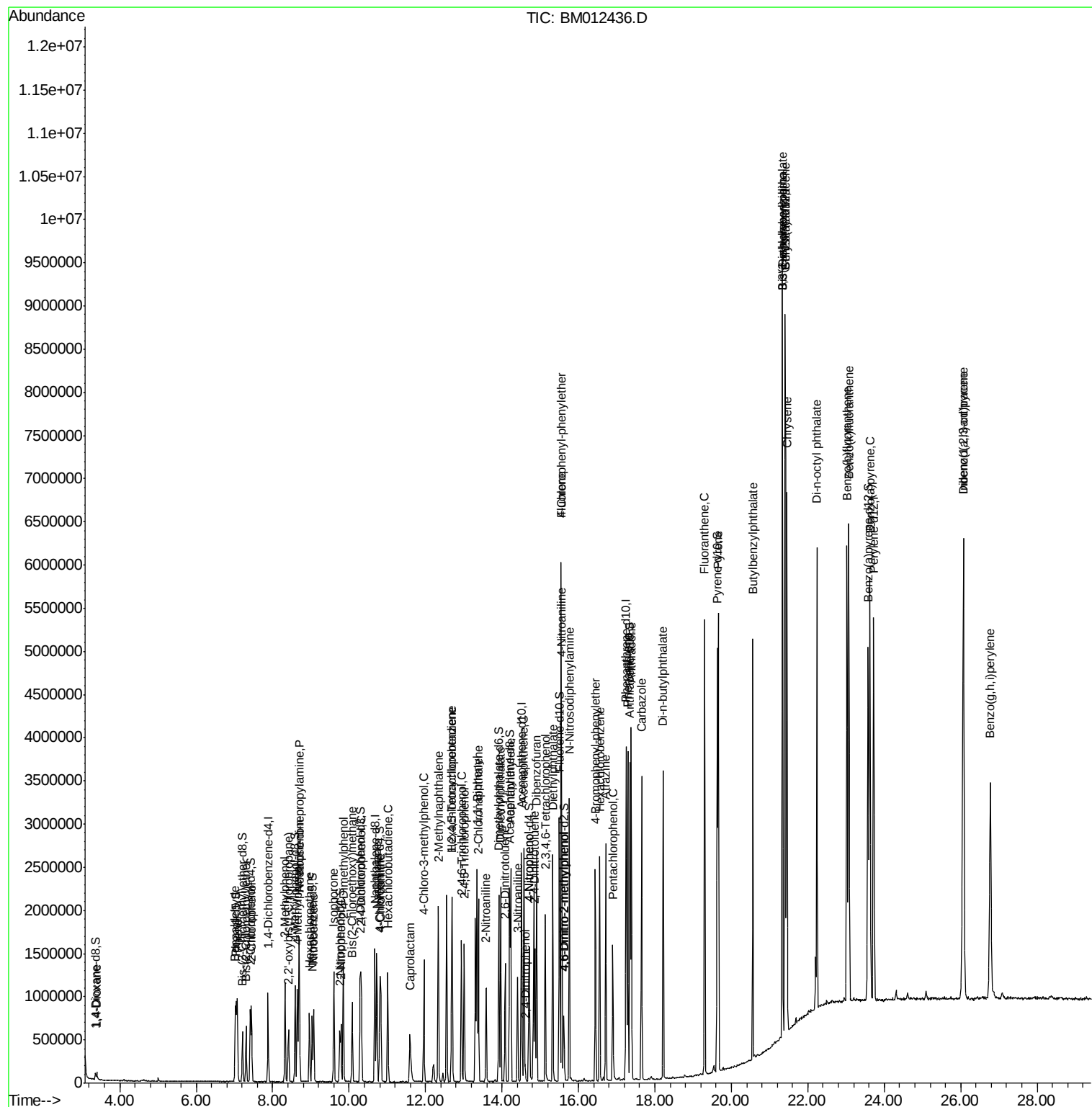
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	540037	17.98	ng/ul	95
37) Hexachlorocyclopentadiene	12.69	237	253481	13.07	ng/ul	96
38) 2,4,6-Trichlorophenol	12.94	196	370988	20.63	ng/ul	96
39) 2,4,5-Trichlorophenol	13.01	196	408265	21.42	ng/ul	97
40) 1,1'-Biphenyl	13.34	154	1250843	18.49	ng/ul	99
41) 2-Chloronaphthalene	13.38	162	1004498	18.92	ng/ul	99
42) 2-Nitroaniline	13.58	65	291722	23.63	ng/ul	99
44) Dimethylphthalate	13.96	163	1367640	18.66	ng/ul	100
45) 2,6-Dinitrotoluene	14.08	165	257042	22.07	ng/ul	95
47) Acenaphthylene	14.23	152	1588929	19.00	ng/ul	99
48) 3-Nitroaniline	14.41	138	259988	23.82	ng/ul	92
49) Acenaphthene	14.57	153	1070634	18.69	ng/ul	99
50) 2,4-Dinitrophenol	14.61	184	44206	6.76	ng/ul	95
52) 4-Nitrophenol	14.72	109	209514	18.75	ng/ul	84
53) Dibenzofuran	14.90	168	1608611	18.97	ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	379416	21.75	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.13	232	376667	21.35	ng/ul	95
56) Diethylphthalate	15.33	149	1394265	18.66	ng/ul	95
58) Fluorene	15.56	166	1366783	19.06	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.55	204	730653	18.73	ng/ul	97
60) 4-Nitroaniline	15.57	138	312338	22.83	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.63	198	123851	10.33	ng/ul#	87
64) N-Nitrosodiphenylamine	15.76	169	1201413	18.35	ng/ul	100
65) 4-Bromophenyl-phenylether	16.44	248	482533	17.88	ng/ul	99
66) Hexachlorobenzene	16.56	284	531397	17.80	ng/ul#	92
67) Atrazine	16.71	200	511125	18.16	ng/ul	94
68) Pentachlorophenol	16.90	266	276698	16.95	ng/ul	99
69) Phenanthrene	17.29	178	2287019	18.77	ng/ul	99
71) Anthracene	17.38	178	2392295	19.00	ng/ul	99
72) Carbazole	17.65	167	2179441	20.90	ng/ul	100
73) Di-n-butylphthalate	18.22	149	2497703	18.78	ng/ul	98
74) Fluoranthene	19.30	202	3024814	21.91	ng/ul#	94
77) Pyrene	19.66	202	3197593	17.91	ng/ul#	94
78) Butylbenzylphthalate	20.56	149	1253972	17.82	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.33	252	1161913	16.86	ng/ul#	97
80) Benzo(a)anthracene	21.40	228	3612947	19.21	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.34	149	1944078	18.16	ng/ul	99
82) Chrysene	21.46	228	3244603	19.41	ng/ul	99
84) Di-n-octyl phthalate	22.24	149	3273623	18.61	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	3907996	18.65	ng/ul#	99
86) Benzo(k)fluoranthene	23.07	252	3737076	18.94	ng/ul#	98
88) Benzo(a)pyrene	23.62	252	3734731	18.69	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	4197178	17.85	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.07	278	3535049	17.73	ng/ul#	97
91) Benzo(g,h,i)perylene	26.78	276	3410384	17.89	ng/ul#	97

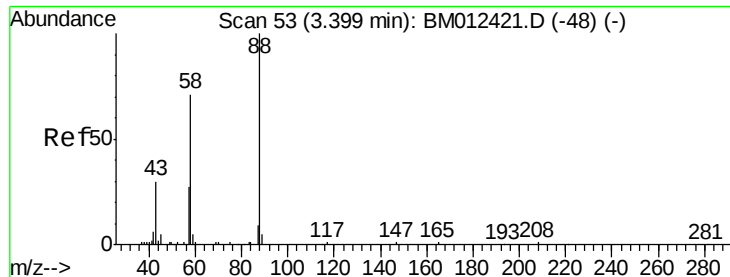
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.99 ng/uL

RT: 3.40 min Scan# 53

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

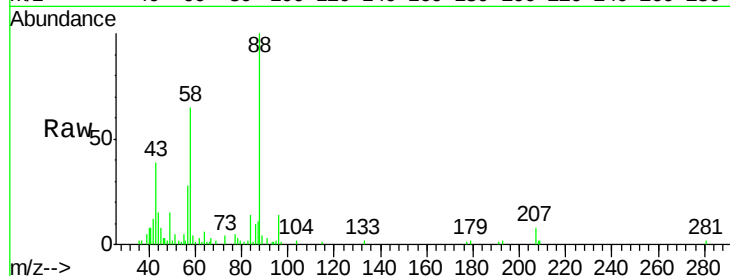
Tot Ion: 88 Resp: 44103

Ion Ratio Lower Upper

88 100

43 27.9 48.0 72.0#

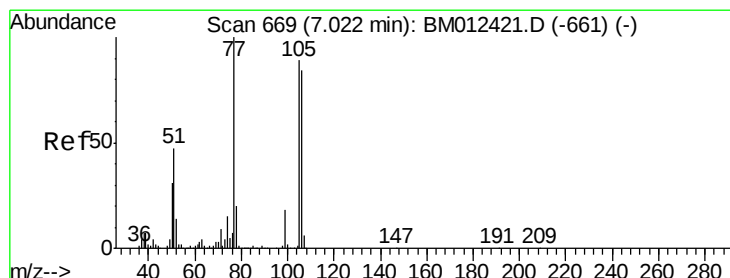
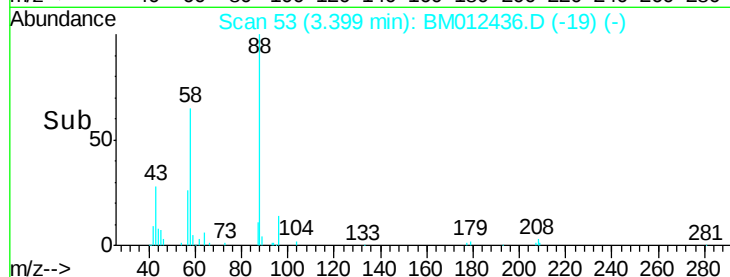
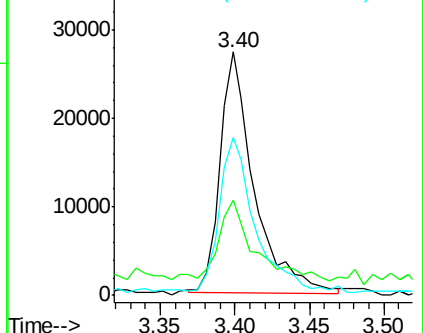
58 66.1 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM012421.D (-48) (-)

Ion 43.00 (42.70 to 43.70): BM012421.D (-48) (-)

Ion 58.00 (57.70 to 58.70): BM012421.D (-48) (-)



#4

Benzaldehyde

Concen: 24.49 ng/uL

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

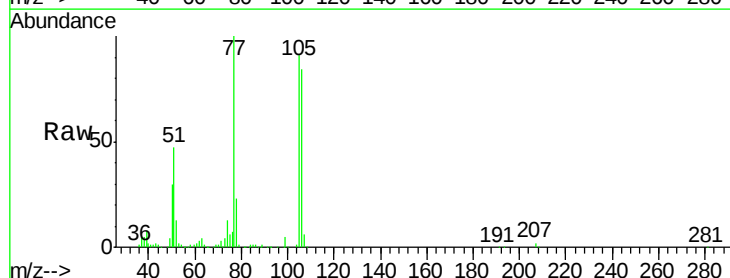
Tgt Ion: 77 Resp: 293751

Ion Ratio Lower Upper

77 100

105 91.1 66.1 99.1

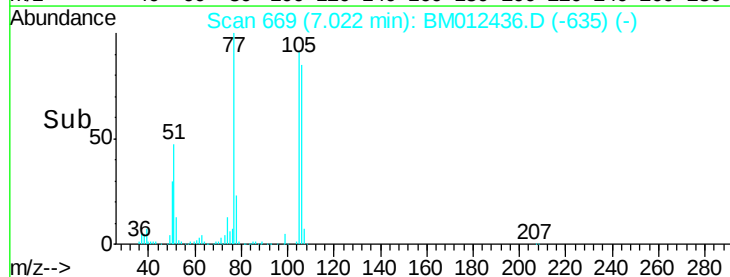
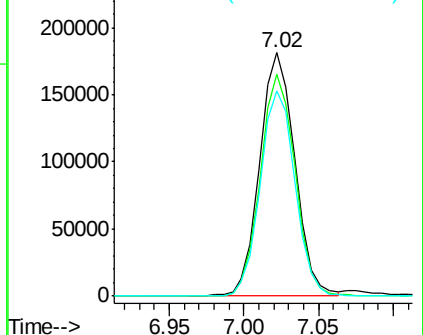
106 84.4 67.8 101.6

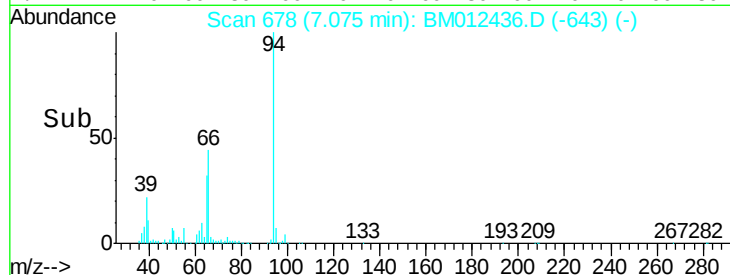
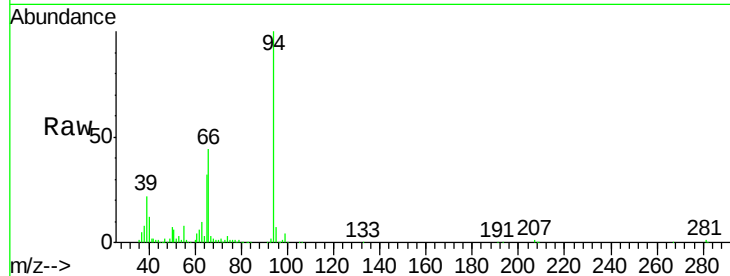
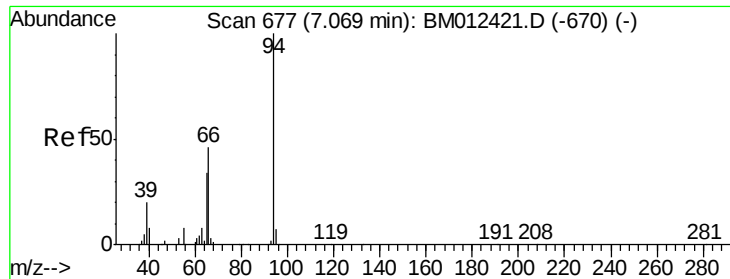


Abundance Ion 77.00 (76.70 to 77.70): BM012421.D (-661) (-)

Ion 105.00 (104.70 to 105.70): BM012421.D (-661) (-)

Ion 106.00 (105.70 to 106.70): BM012421.D (-661) (-)





#6

Phenol

Concen: 19.99 ng/ul

RT: 7.07 min Scan# 678

Delta R.T. 0.01 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

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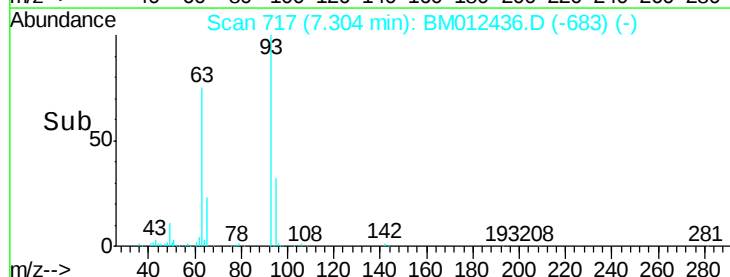
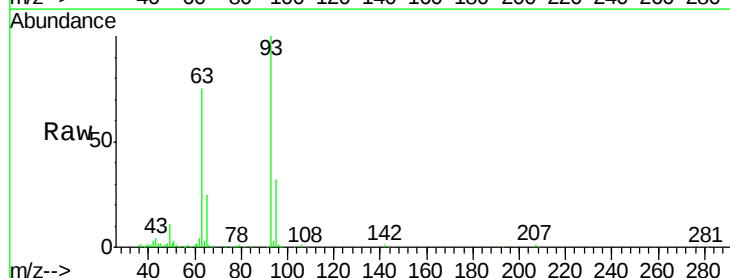
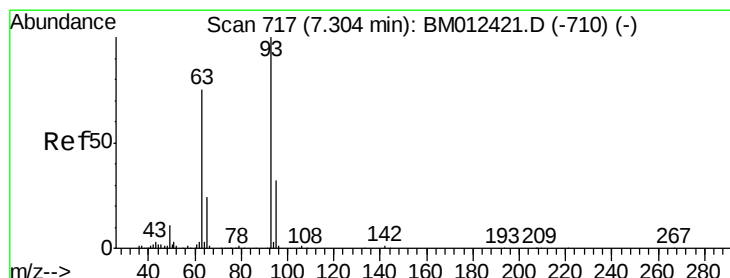
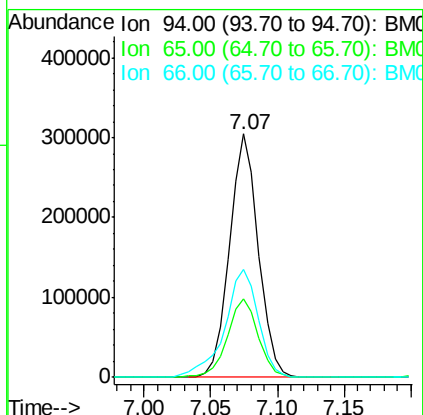
Tot Ion: 94 Resp: 459203

Ion Ratio Lower Upper

94 100

65 32.3 28.2 42.4

66 44.4 47.2 70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 19.18 ng/ul

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

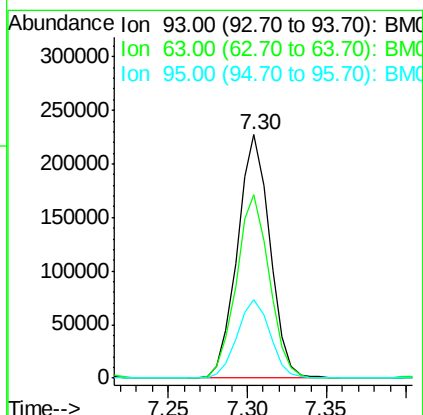
Tgt Ion: 93 Resp: 323980

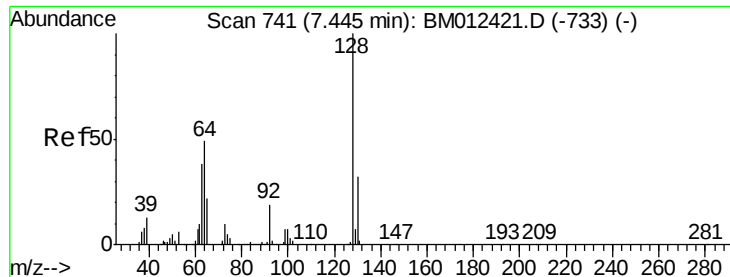
Ion Ratio Lower Upper

93 100

63 75.1 57.3 85.9

95 32.5 26.6 39.8

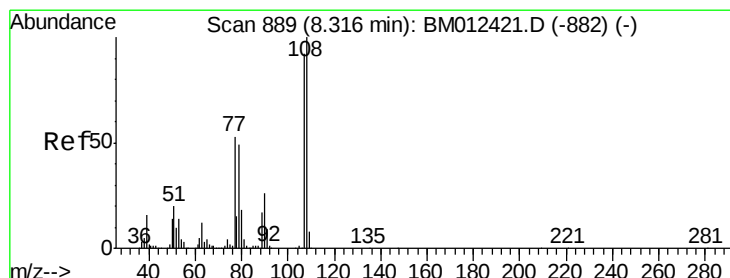
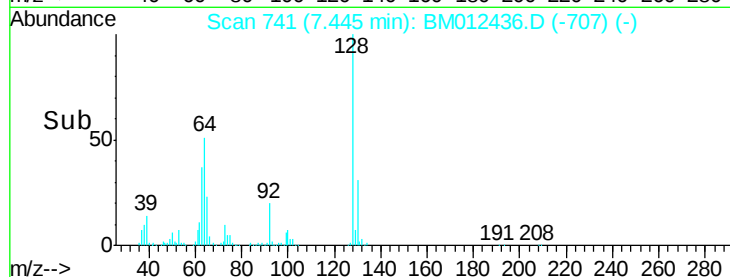
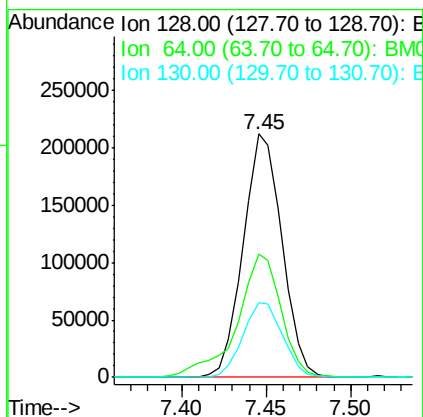
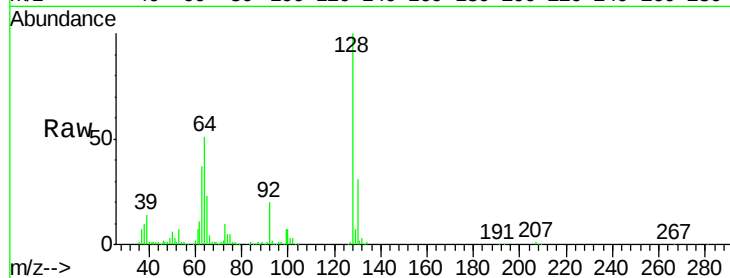




#10
 2-Chlorophenol
 Concen: 20.06 ng/ul
 RT: 7.45 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

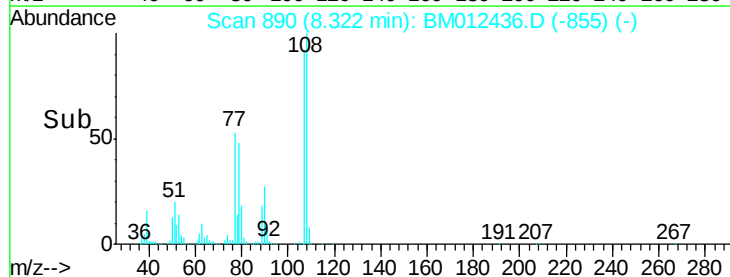
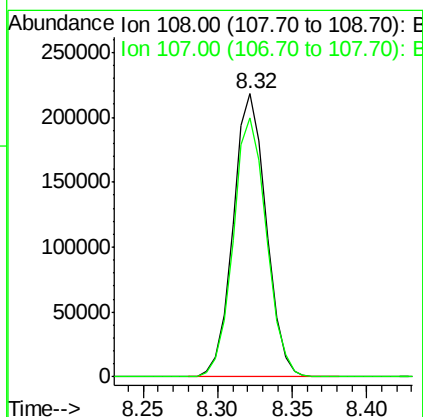
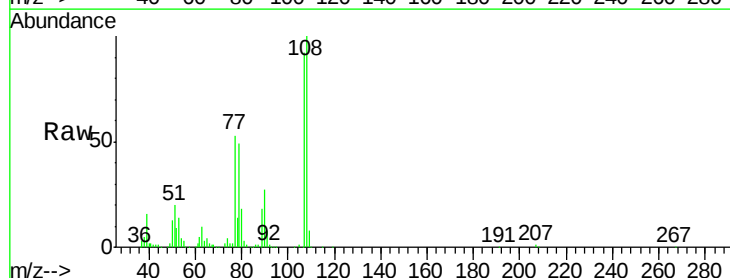
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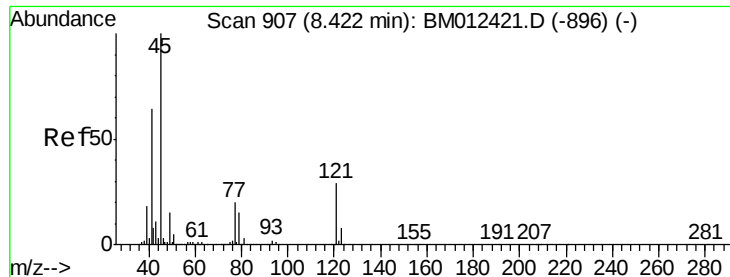
Tot Ion:128 Resp: 339123
 Ion Ratio Lower Upper
 128 100
 64 50.8 38.0 57.0
 130 30.5 24.4 36.6



#11
 2-Methylphenol
 Concen: 19.46 ng/ul
 RT: 8.32 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

Tgt Ion:108 Resp: 336963
 Ion Ratio Lower Upper
 108 100
 107 91.8 72.6 108.8

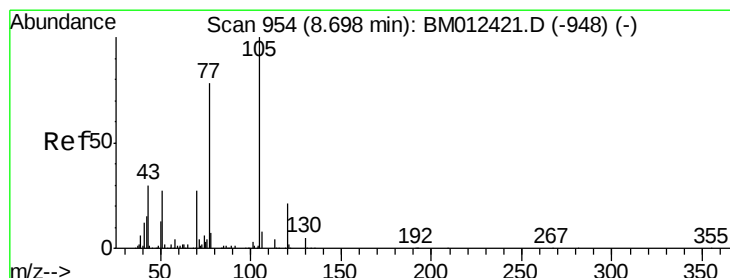
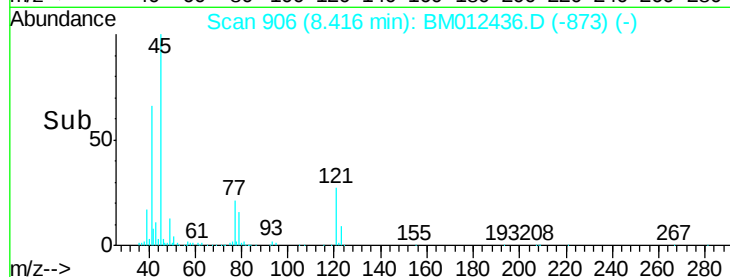
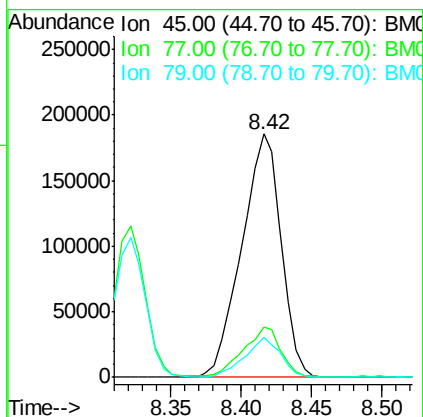
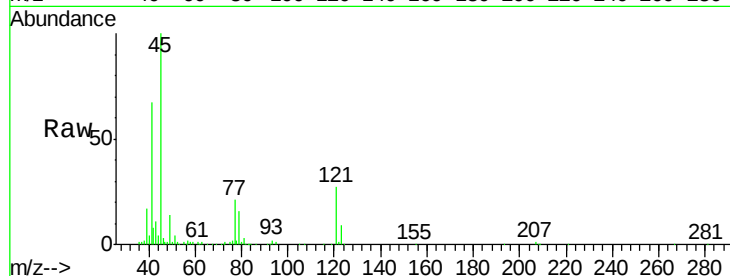




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.60 ng/ul
RT: 8.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

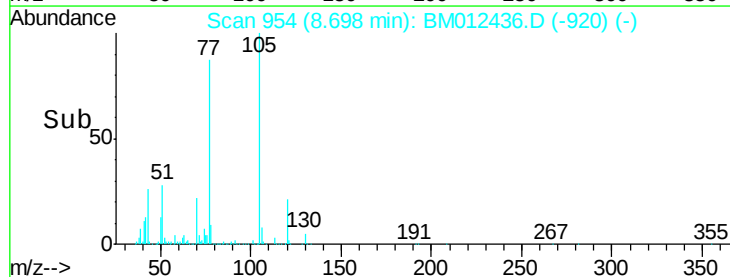
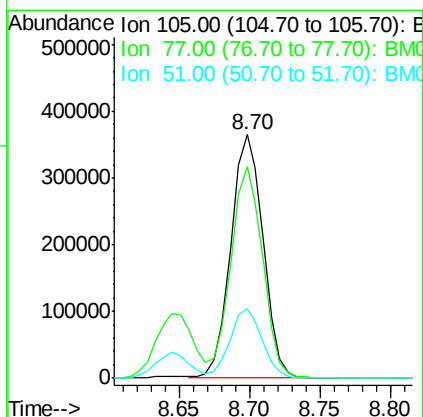
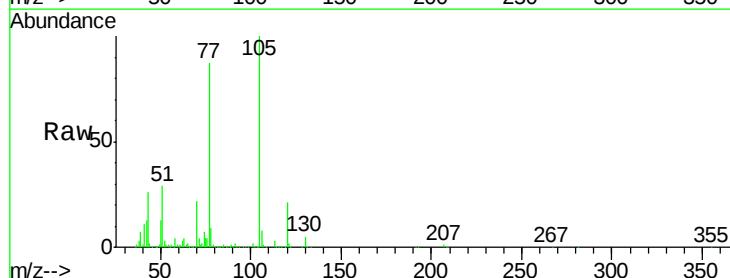
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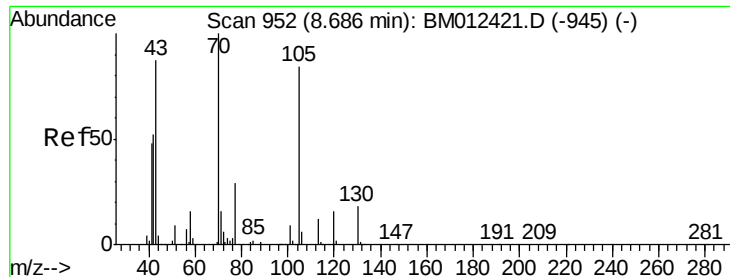
Tot Ion	Ratio	Lower	Upper
45	100		
77	20.8	8.0	12.0#
79	16.3	8.0	12.0#



#14
Acetophenone
Concen: 19.49 ng/ul
RT: 8.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Tgt Ion	Ratio	Lower	Upper
105	100		
77	86.8	74.2	111.4
51	28.6	23.4	35.2





#15

N-Nitroso-di-n-propylamine

Concen: 19.49 ng/ul

RT: 8.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

Tot Ion: 70 Resp: 315176

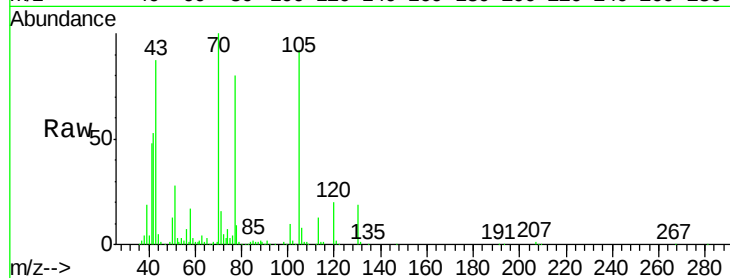
Ion Ratio Lower Upper

70 100

42 52.7 76.0 114.0#

101 10.4 6.7 10.1#

130 19.5 14.6 22.0

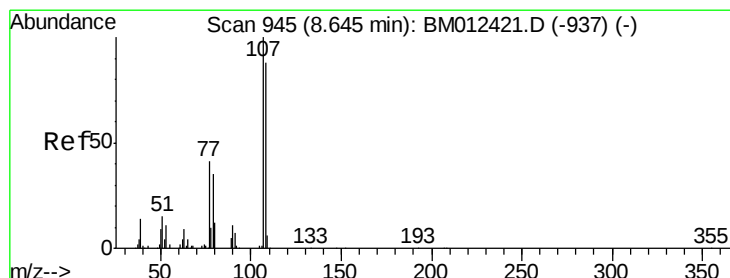
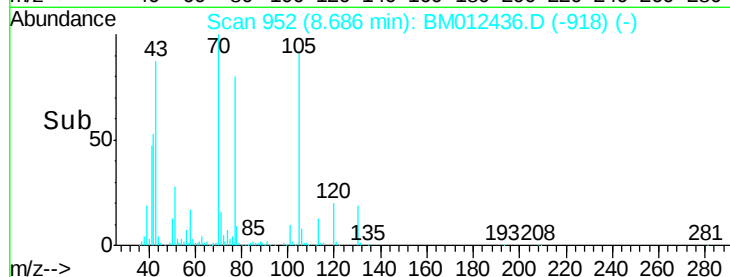
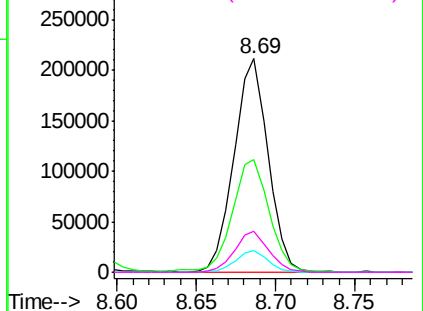


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 20.23 ng/ul

RT: 8.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM012436.D

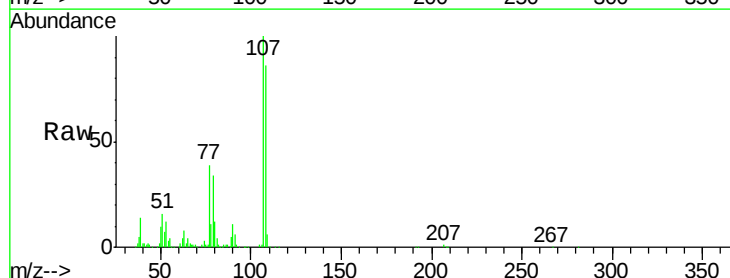
Acq: 25 Oct 2017 05:12

Tgt Ion: 108 Resp: 383426

Ion Ratio Lower Upper

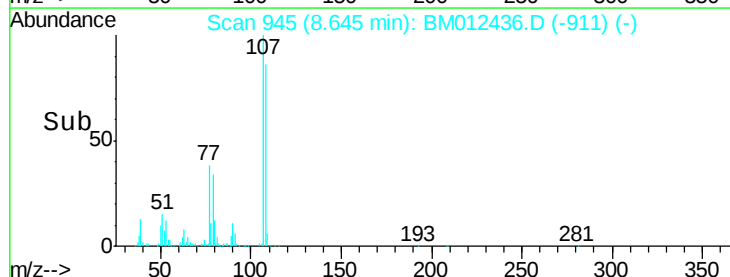
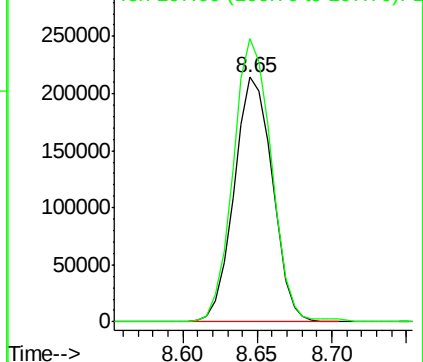
108 100

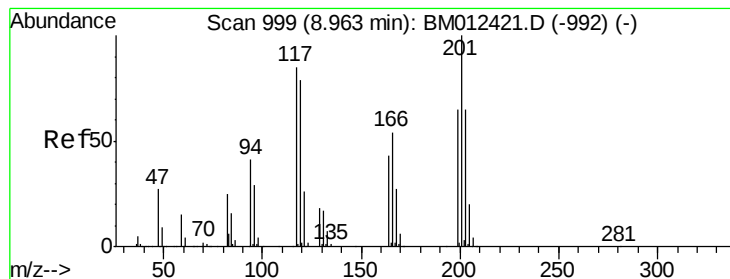
107 115.8 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 18.09 ng/ul

RT: 8.96 min Scan# 999

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

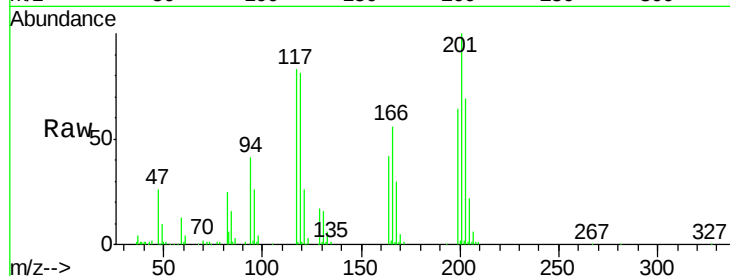
Tot Ion:117 Resp: 129654

Ion Ratio Lower Upper

117 100

201 120.9 111.6 167.4

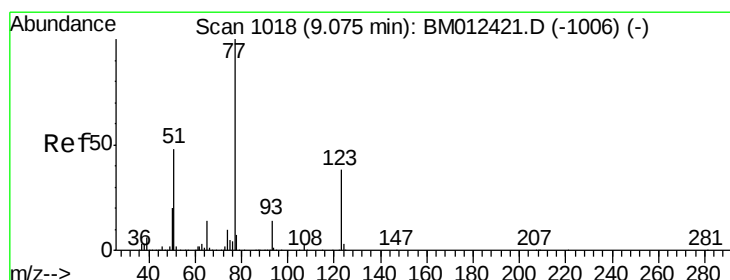
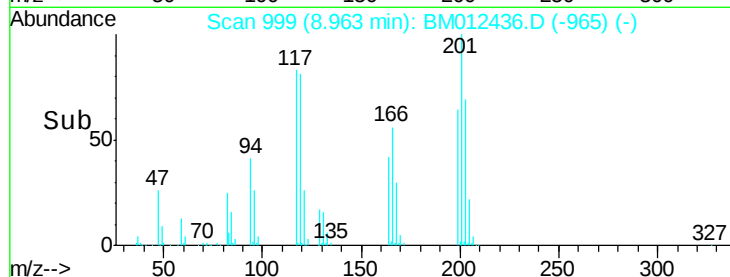
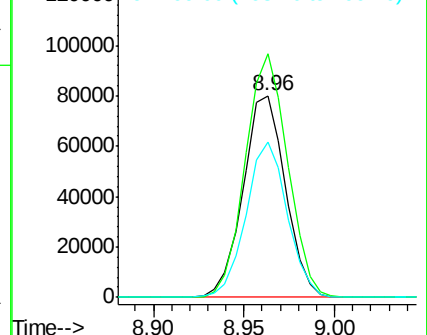
199 77.1 67.8 101.6



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: 20.72 ng/ul

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

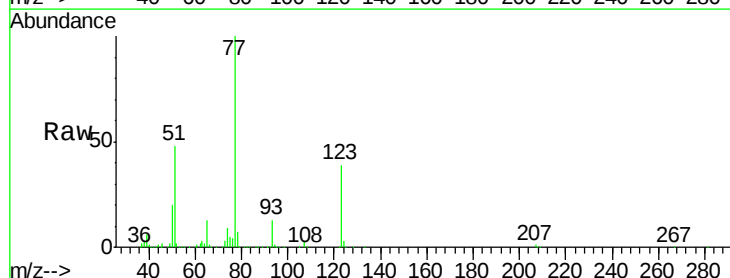
Tgt Ion: 77 Resp: 445213

Ion Ratio Lower Upper

77 100

123 38.5 31.0 46.6

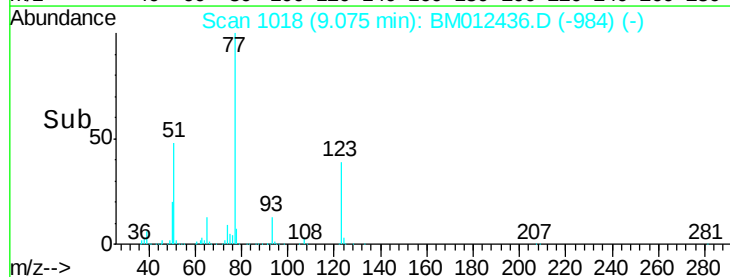
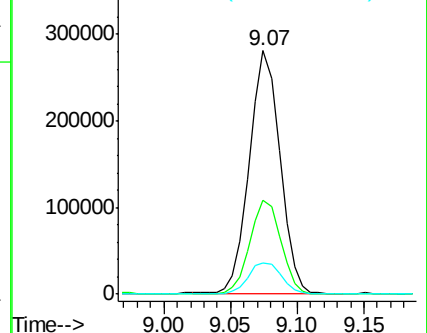
65 13.0 12.2 18.2

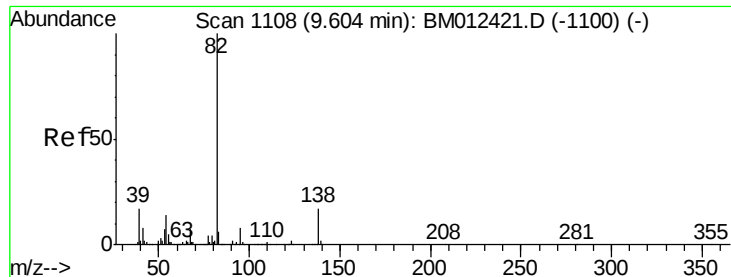


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

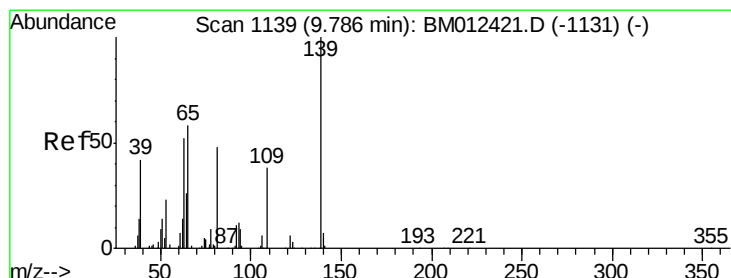
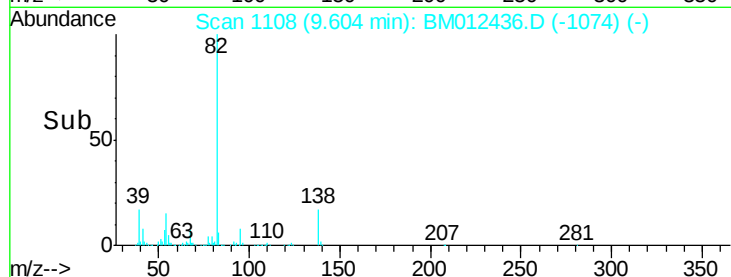
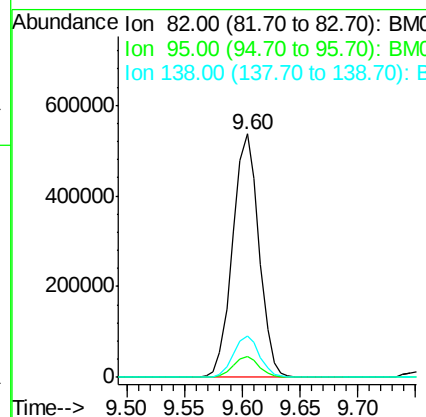
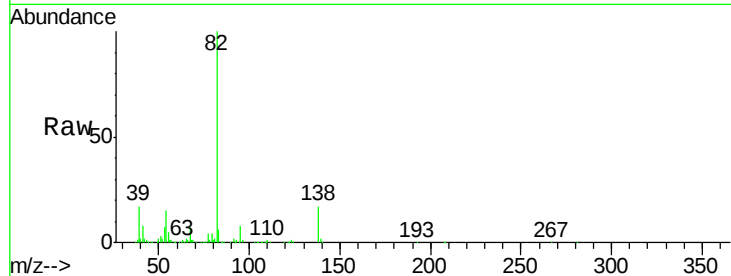




#21
Isophorone
Concen: 18.69 ng/ul
RT: 9.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

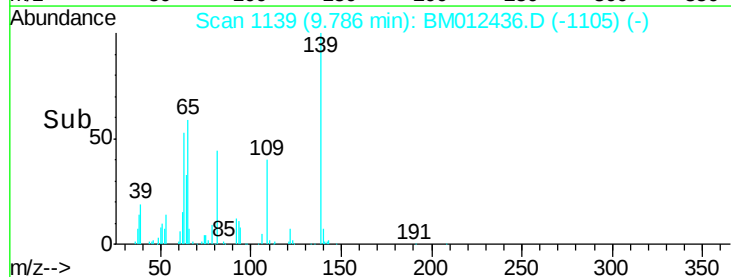
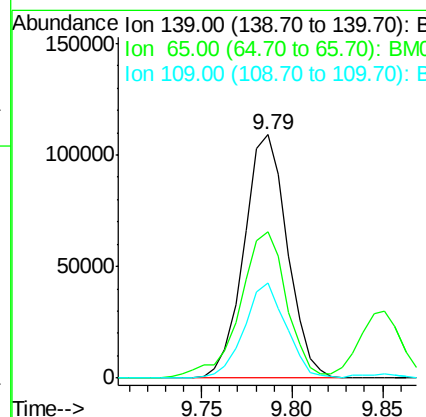
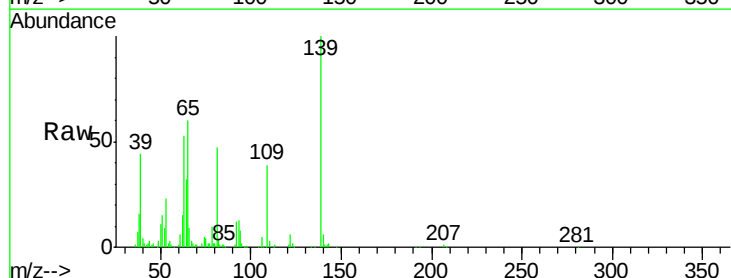
Instrument :
BNA_M
ClientSampleId :
SSTD02057

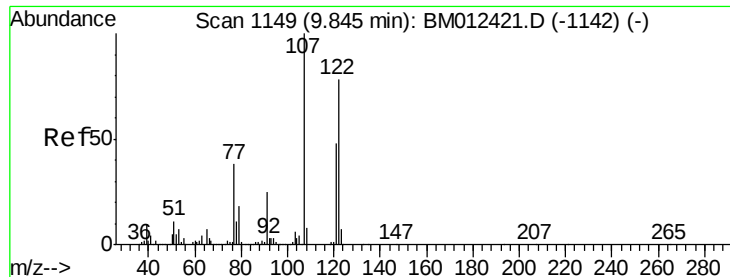
Tot Ion	82	Resp	850264
Ion Ratio	Lower	Upper	
82	100		
95	8.3	7.8	11.8
138	17.0	11.9	17.9



#23
2-Nitrophenol
Concen: 21.28 ng/ul
RT: 9.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Tgt Ion	139	Resp	181730
Ion Ratio	Lower	Upper	
139	100		
65	60.1	55.4	83.0
109	39.0	42.2	63.2

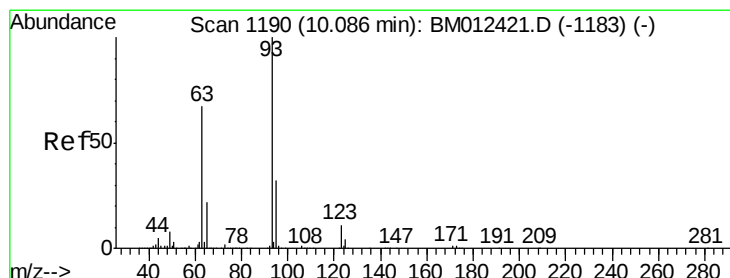
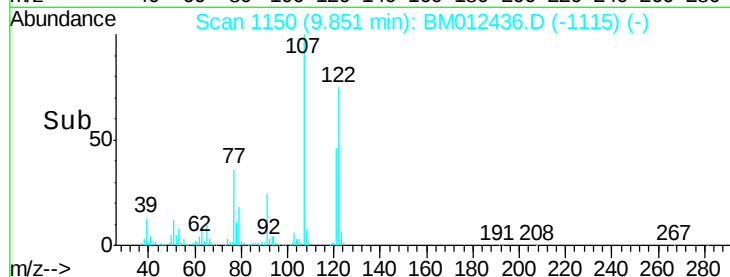
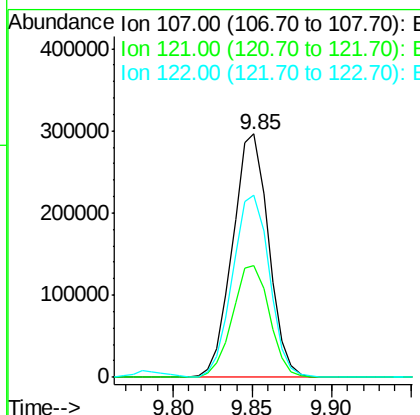
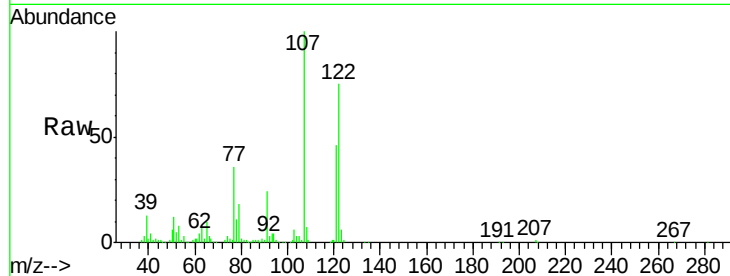




#24
 2,4-Dimethylphenol
 Concen: 19.33 ng/ul
 RT: 9.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

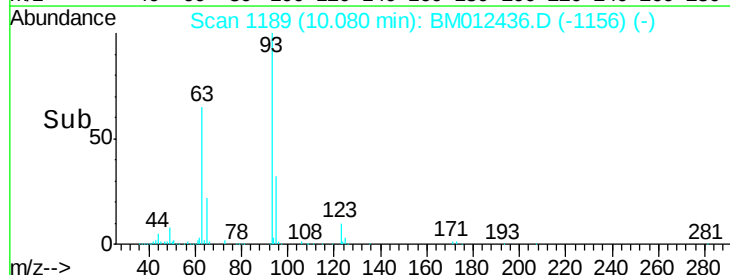
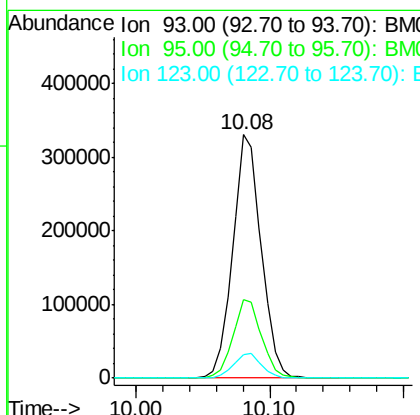
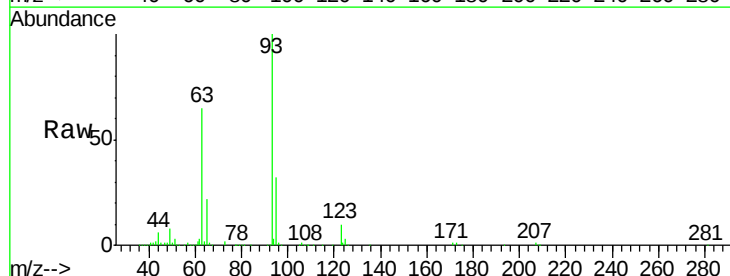
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02057

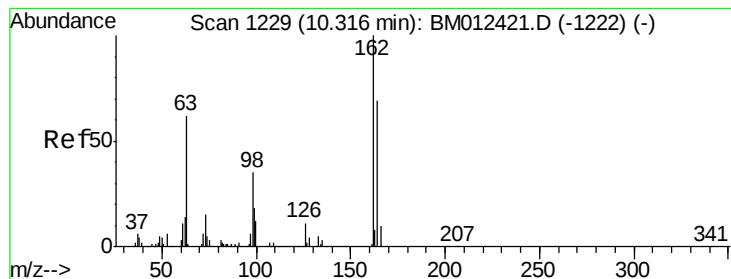
Tot Ion:107 Resp: 464451
 Ion Ratio Lower Upper
 107 100
 121 45.8 31.9 47.9
 122 75.0 57.8 86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.20 ng/ul
 RT: 10.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

Tgt Ion: 93 Resp: 490641
 Ion Ratio Lower Upper
 93 100
 95 32.4 28.5 42.7
 123 9.7 8.9 13.3

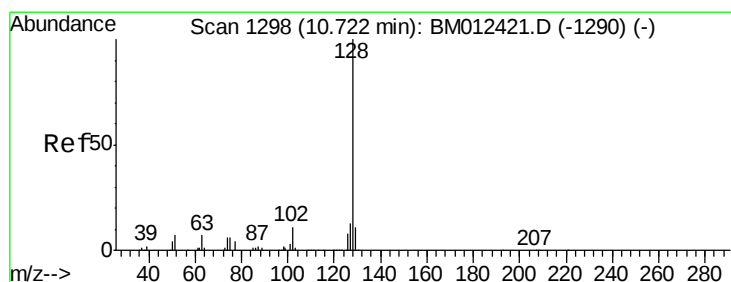
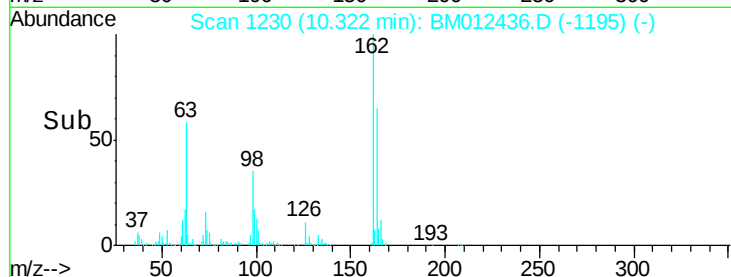
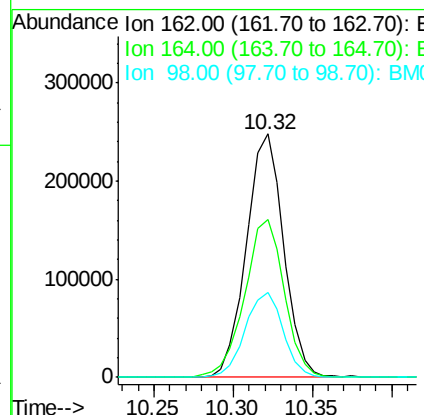
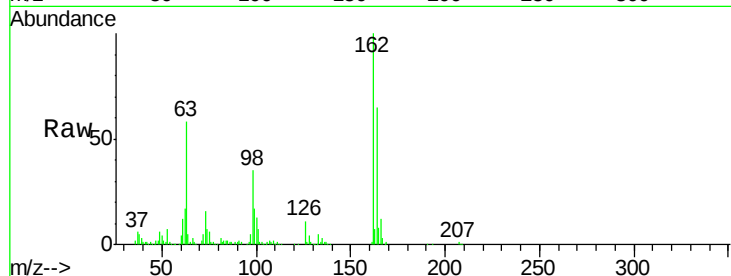




#27
 2,4-Dichlorophenol
 Concen: 20.47 ng/ul
 RT: 10.32 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

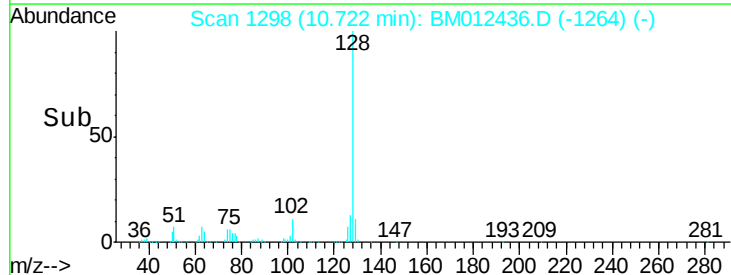
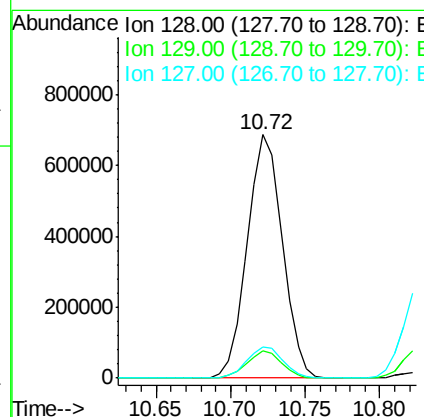
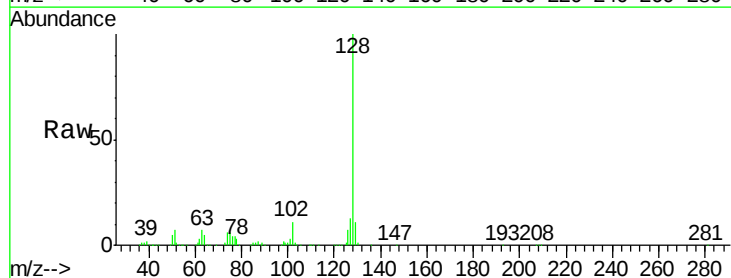
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02057

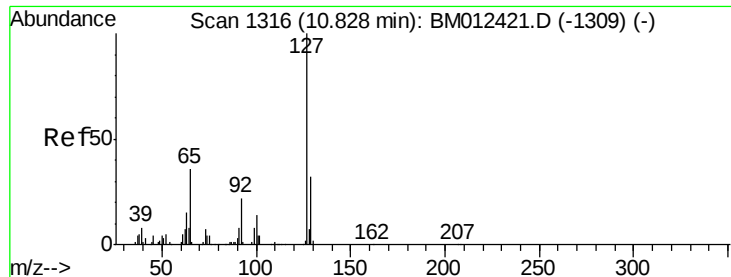
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	47.8	71.6
98	35.0	23.0	34.4



#28
 Naphthalene
 Concen: 18.98 ng/ul
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.6	16.0

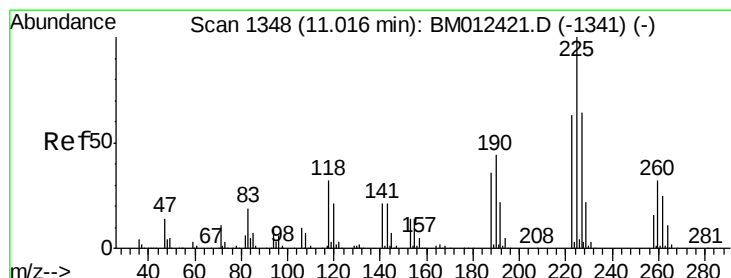
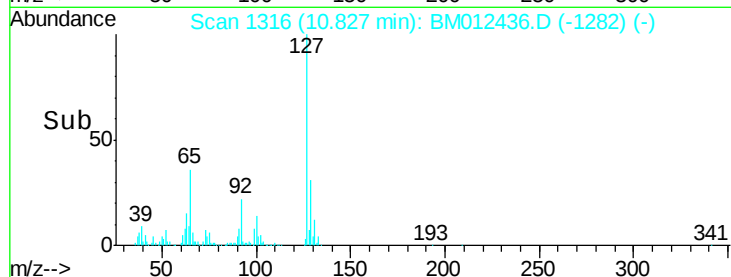
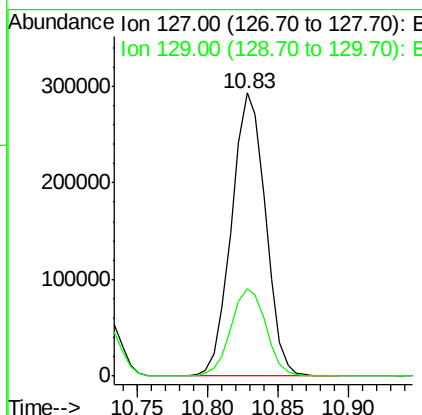
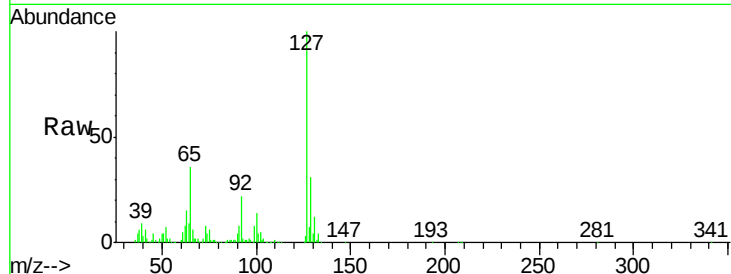




#30
4-Chloroaniline
Concen: 22.75 ng/ul
RT: 10.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

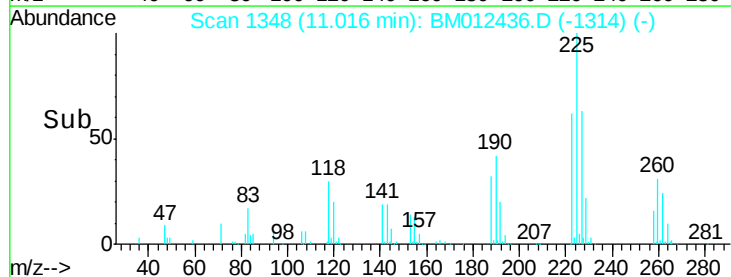
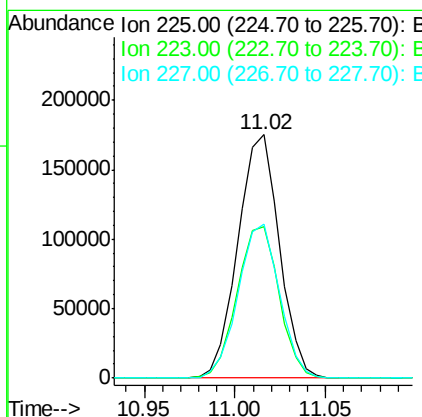
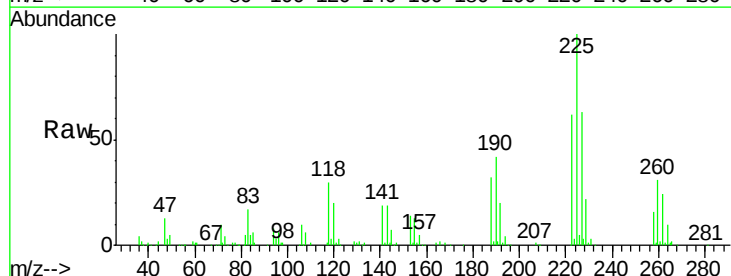
Instrument :
BNA_M
ClientSampleId :
SSTD02057

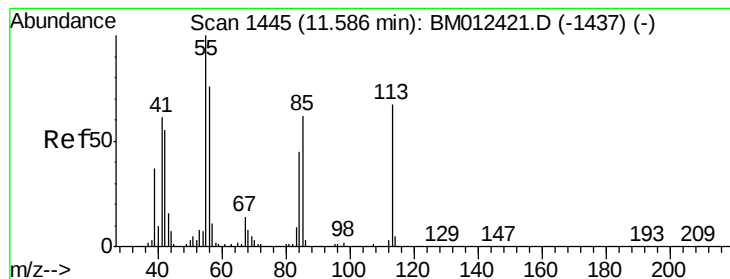
Tot Ion:127 Resp: 491876
Ion Ratio Lower Upper
127 100
129 31.1 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.33 ng/ul
RT: 11.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Tgt Ion:225 Resp: 279275
Ion Ratio Lower Upper
225 100
223 62.2 49.4 74.2
227 63.5 45.4 68.2





#32

Caprolactam

Concen: 23.06 ng/ul

RT: 11.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

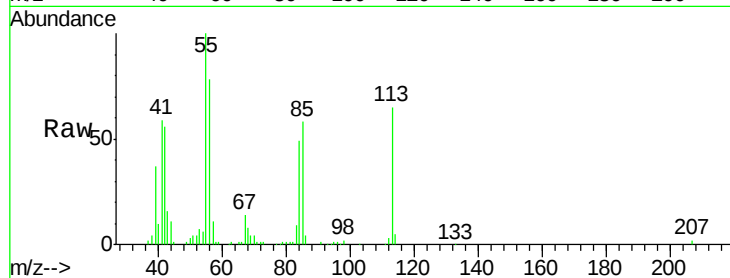
Tot Ion:113 Resp: 148362

Ion Ratio Lower Upper

113 100

55 153.4 208.0 312.0#

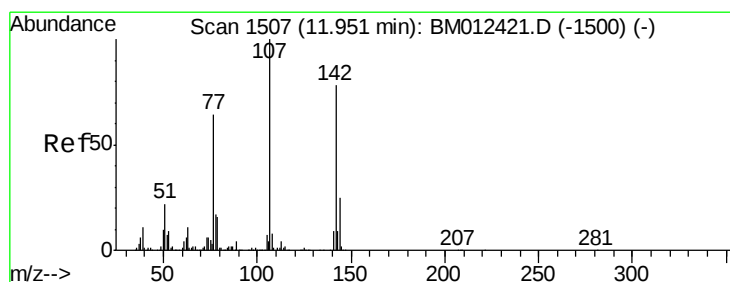
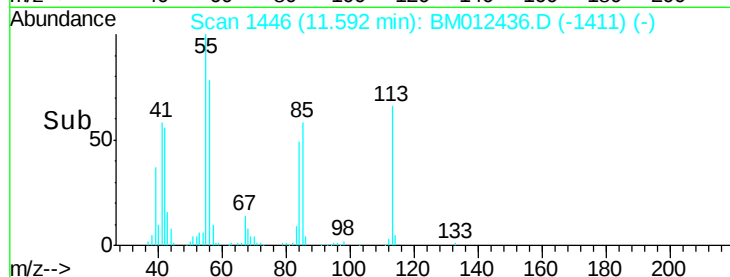
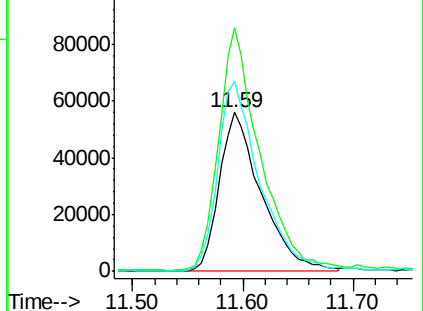
56 119.3 160.0 240.0#



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: 20.65 ng/ul

RT: 11.96 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

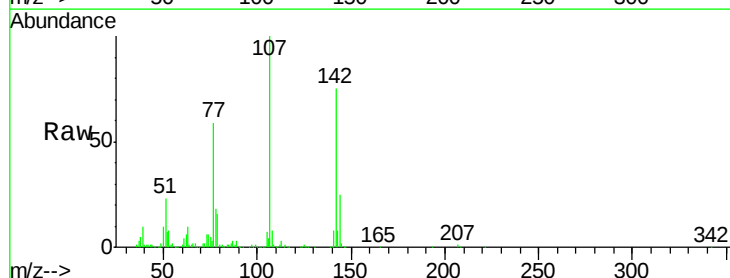
Tgt Ion:107 Resp: 460742

Ion Ratio Lower Upper

107 100

144 25.3 20.4 30.6

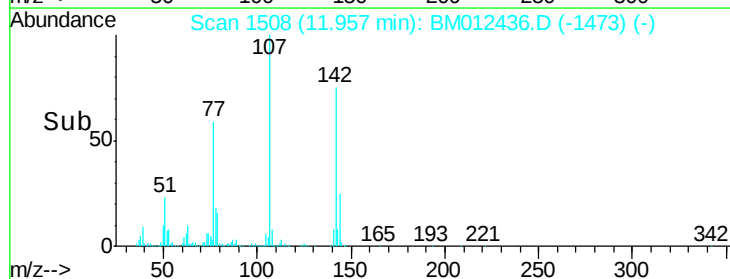
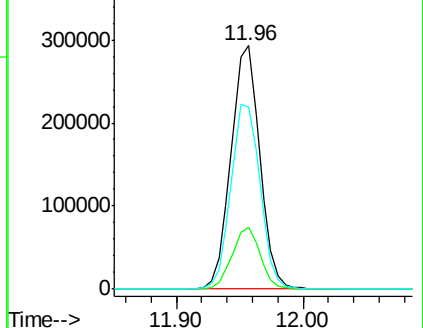
142 75.0 60.5 90.7

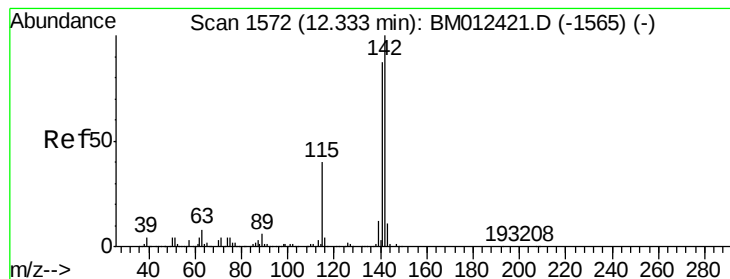


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.09 ng/ul

RT: 12.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

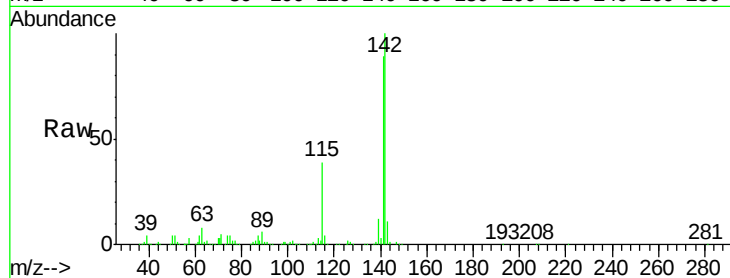
SSTD02057

Tot Ion:142 Resp: 915675

Ion Ratio Lower Upper

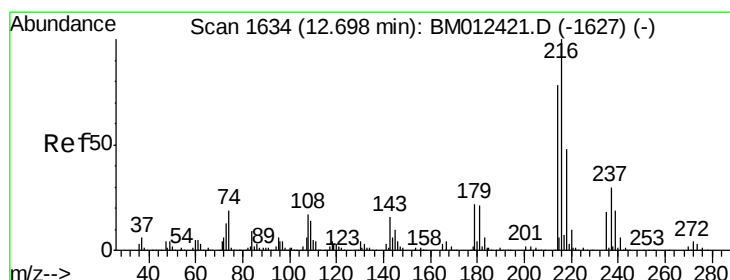
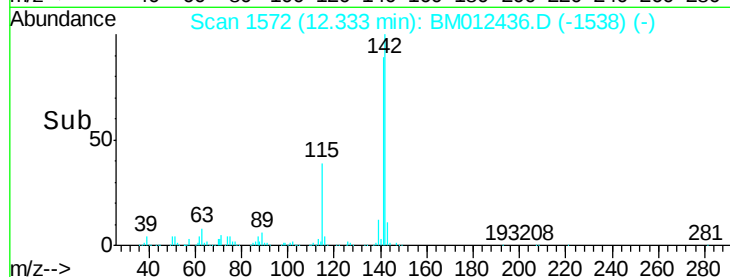
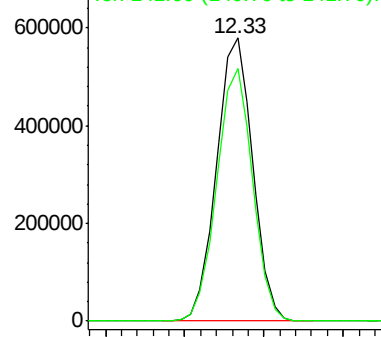
142 100

141 89.3 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 17.98 ng/ul

RT: 12.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Tgt Ion:216 Resp: 540037

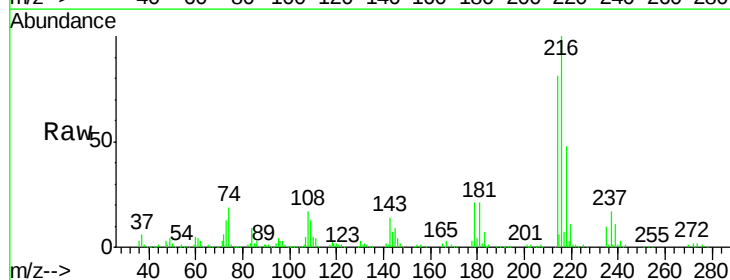
Ion Ratio Lower Upper

216 100

214 80.7 60.6 90.8

179 21.5 17.5 26.3

108 16.5 11.3 16.9

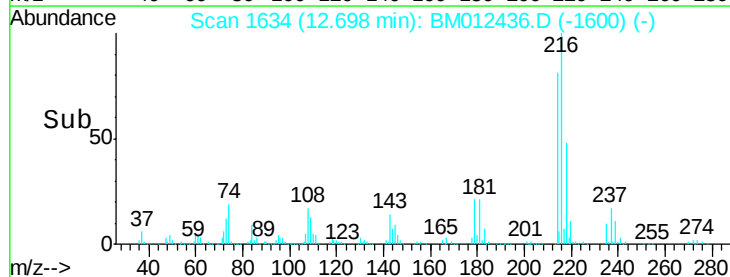
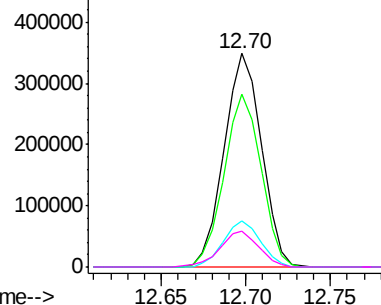


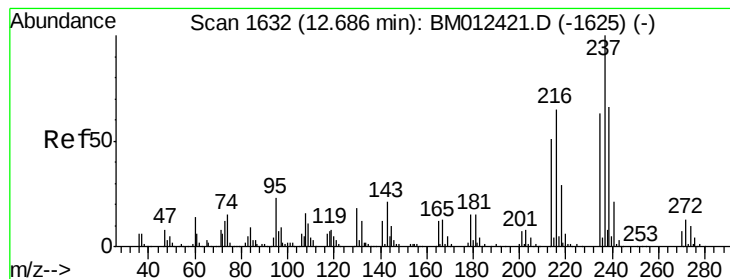
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#37

Hexachlorocyclopentadiene

Concen: 13.07 ng/ul

RT: 12.69 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

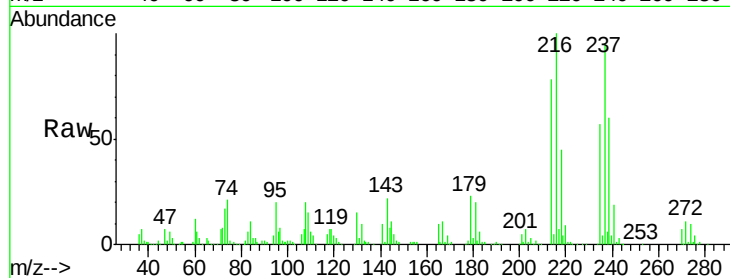
Tot Ion:237 Resp: 253481

Ion Ratio Lower Upper

237 100

235 59.9 50.2 75.4

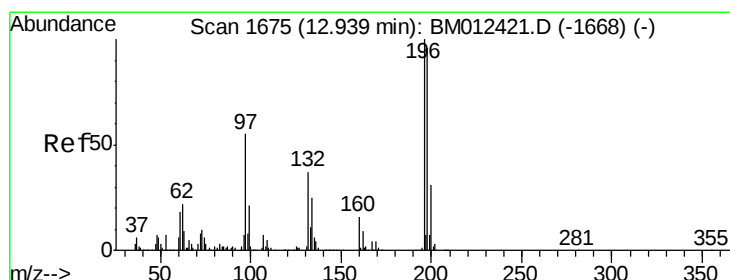
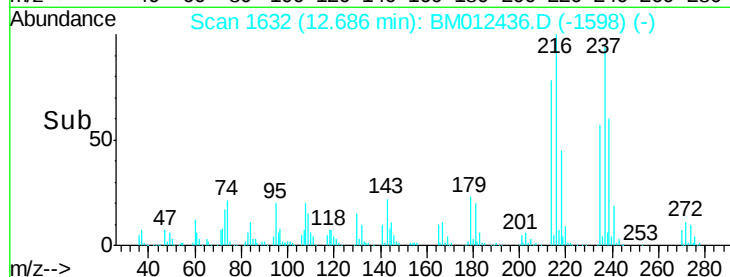
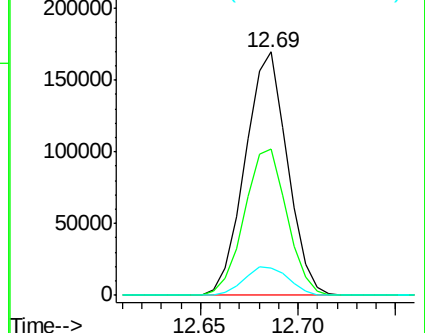
272 12.0 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 20.63 ng/ul

RT: 12.94 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

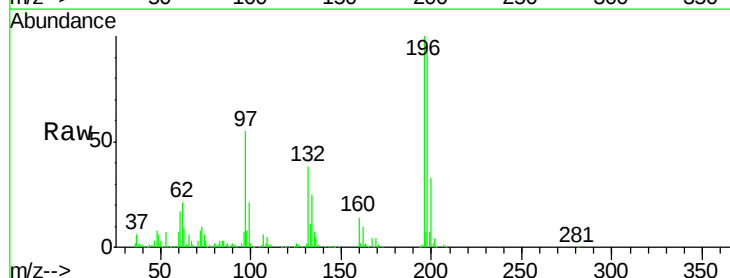
Tgt Ion:196 Resp: 370988

Ion Ratio Lower Upper

196 100

198 97.2 74.1 111.1

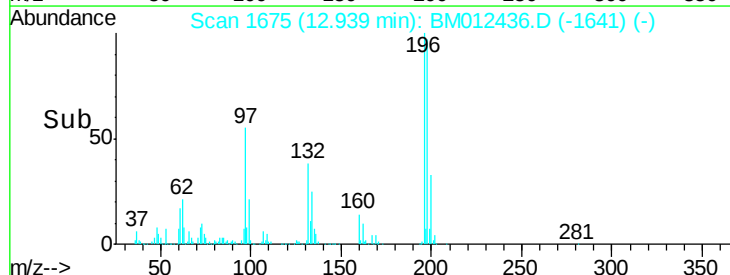
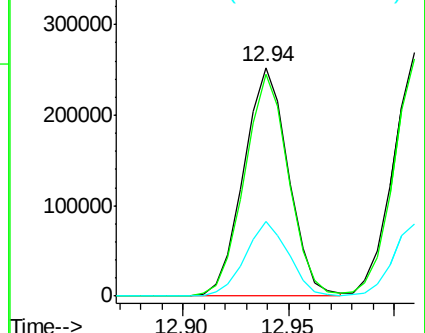
200 32.8 25.2 37.8

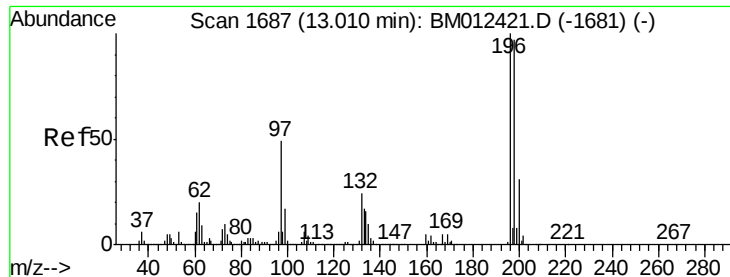


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

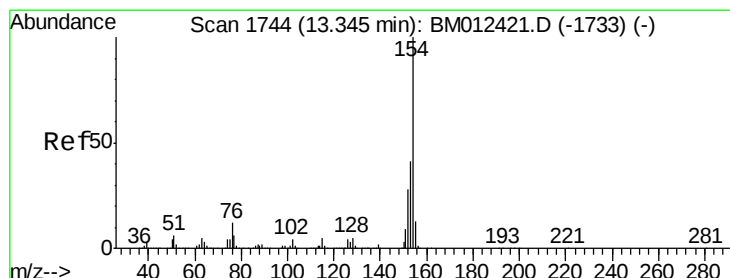
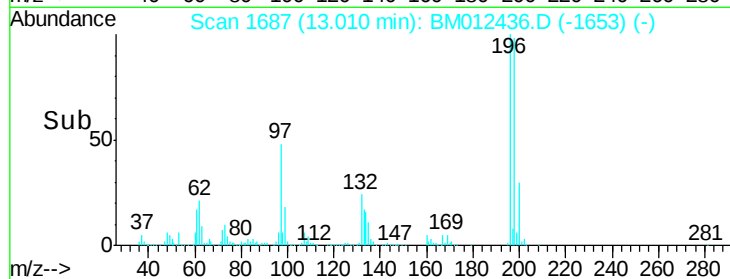
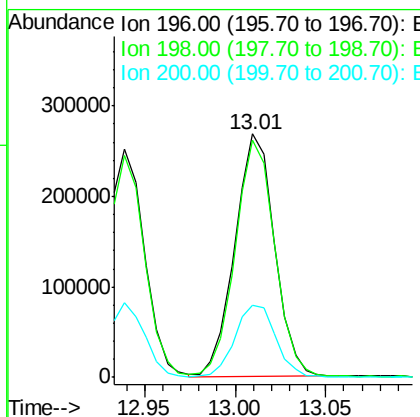
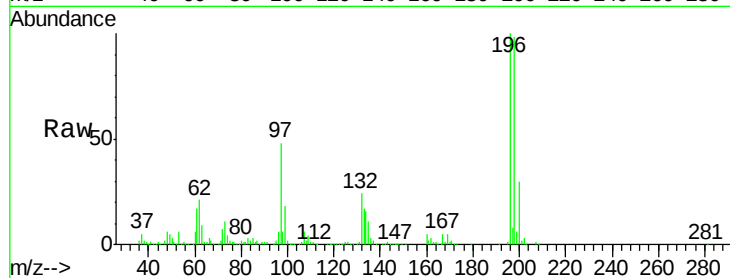




#39
 2,4,5-Trichlorophenol
 Concen: 21.42 ng/ul
 RT: 13.01 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

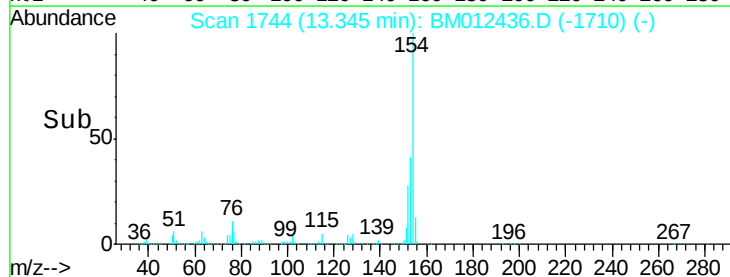
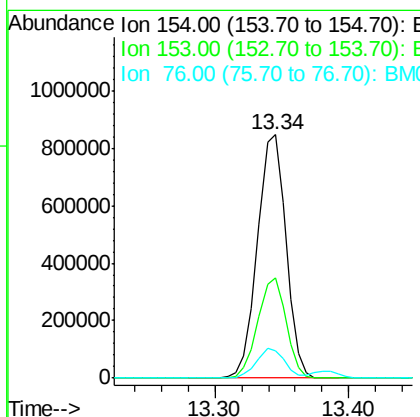
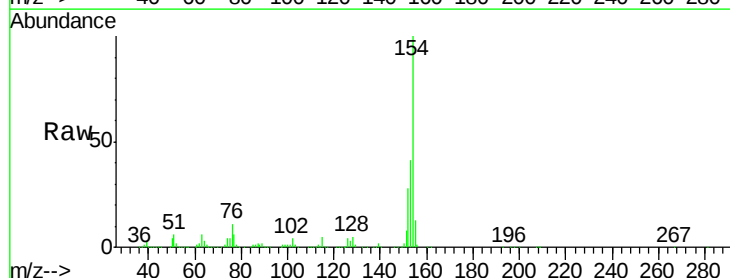
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02057

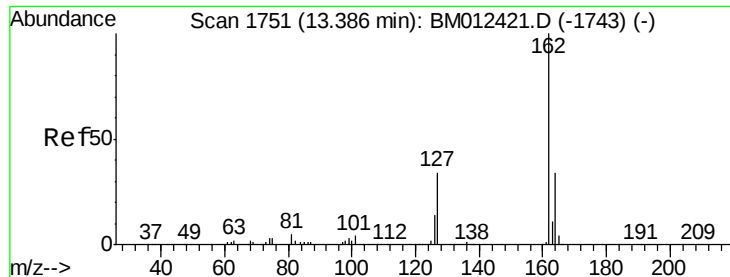
Tot Ion:196 Resp: 408265
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.6 113.4
 200 29.8 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 18.49 ng/ul
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

Tgt Ion:154 Resp: 1250843
 Ion Ratio Lower Upper
 154 100
 153 41.1 32.6 48.8
 76 11.1 8.5 12.7

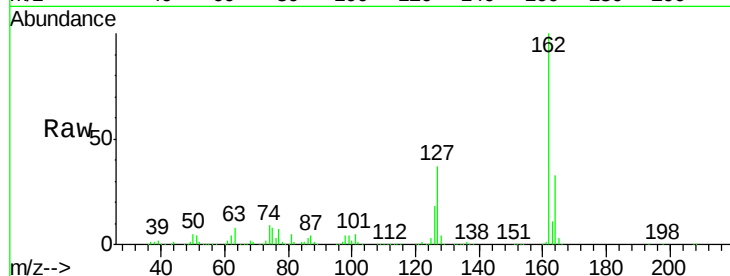




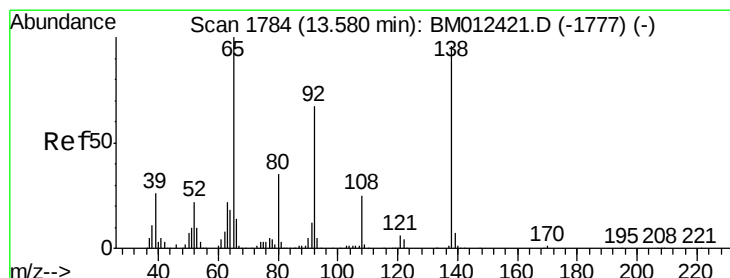
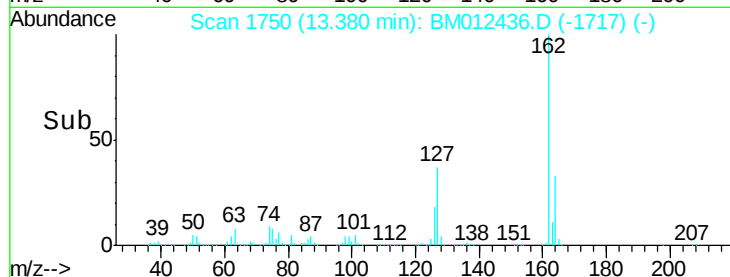
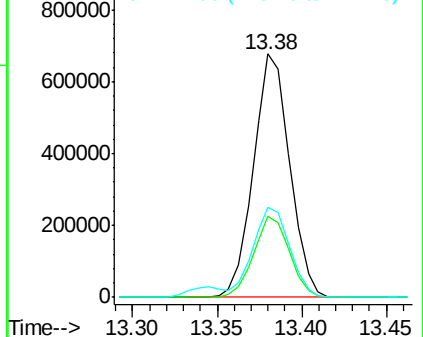
#41
2-Chloronaphthalene
Concen: 18.92 ng/ul
RT: 13.38 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tot Ion:162 Resp: 1004498
Ion Ratio Lower Upper
162 100
164 33.1 25.9 38.9
127 36.7 29.4 44.2

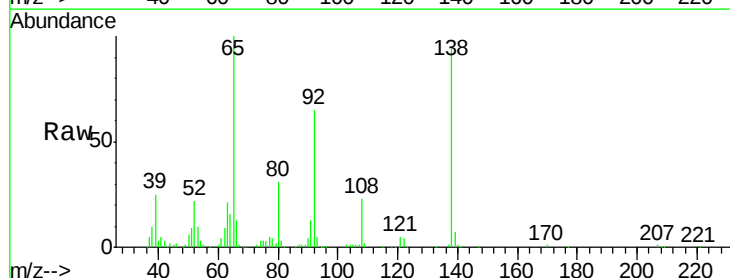


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

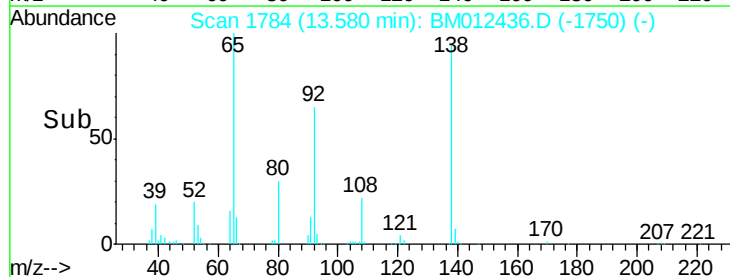
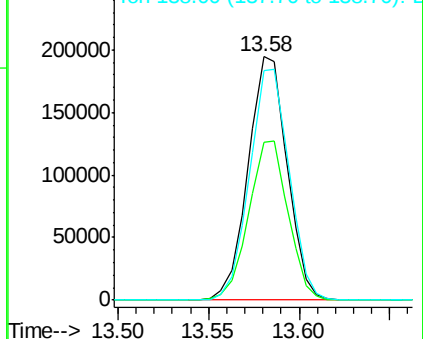


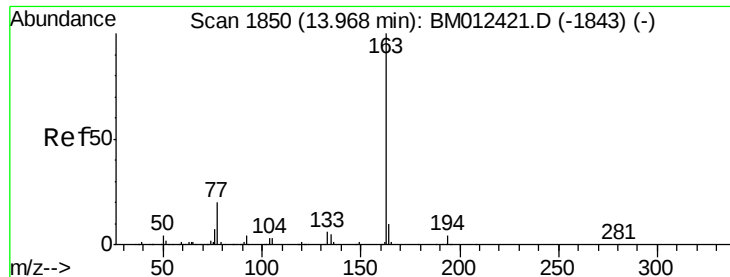
#42
2-Nitroaniline
Concen: 23.63 ng/ul
RT: 13.58 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Tgt Ion: 65 Resp: 291722
Ion Ratio Lower Upper
65 100
92 64.8 51.8 77.6
138 94.0 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

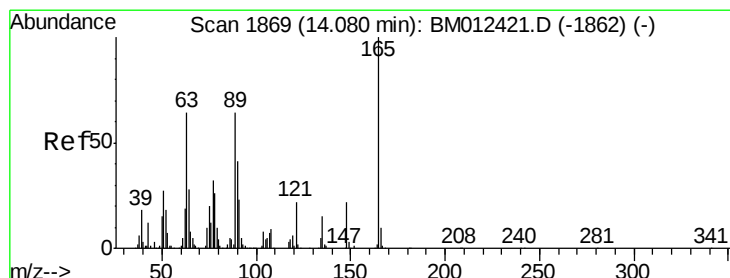
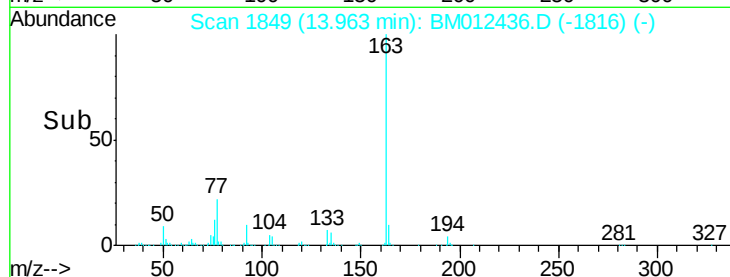
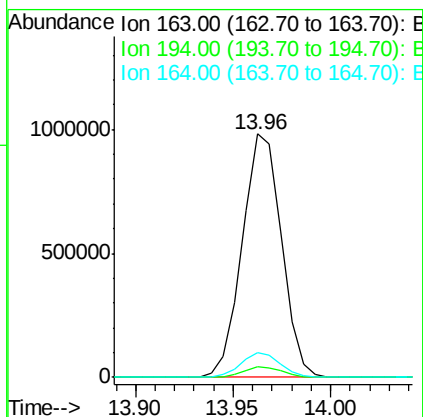
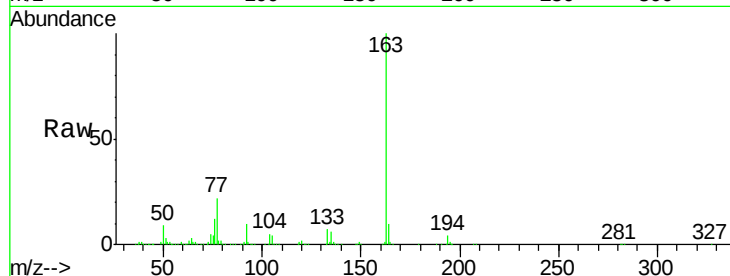




#44
Dimethylphthalate
Concen: 18.66 ng/ul
RT: 13.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

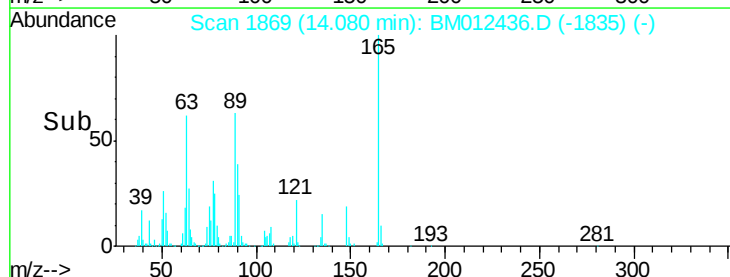
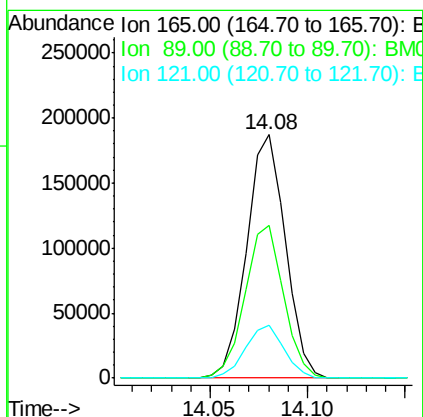
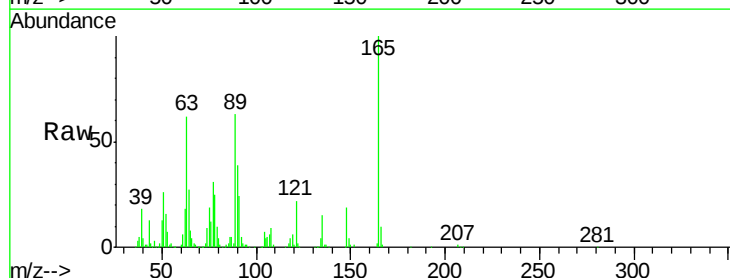
Instrument :
BNA_M
ClientSampleId :
SSTD02057

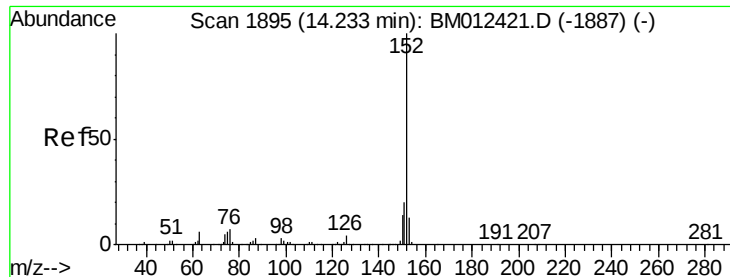
Tot Ion:163 Resp: 1367640
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.2 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 22.07 ng/ul
RT: 14.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Tgt Ion:165 Resp: 257042
Ion Ratio Lower Upper
165 100
89 62.6 52.6 79.0
121 21.8 14.6 22.0





#47

Acenaphthylene

Concen: 19.00 ng/ul

RT: 14.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

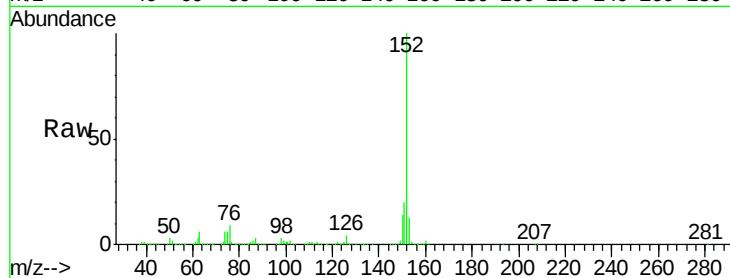
Tot Ion:152 Resp: 1588929

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

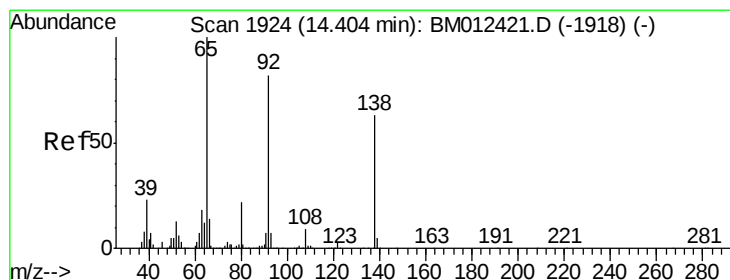
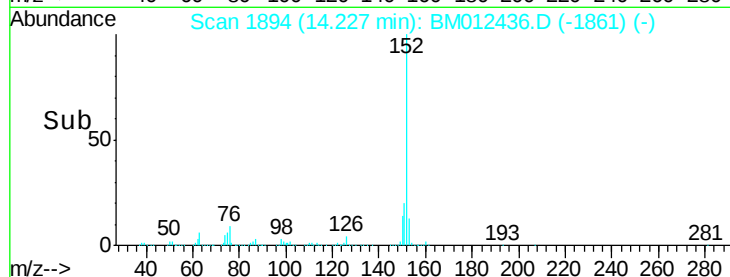
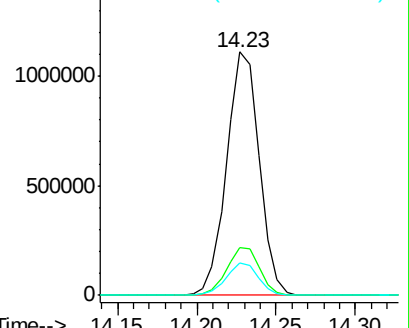
153 13.4 10.2 15.4



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: 23.82 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

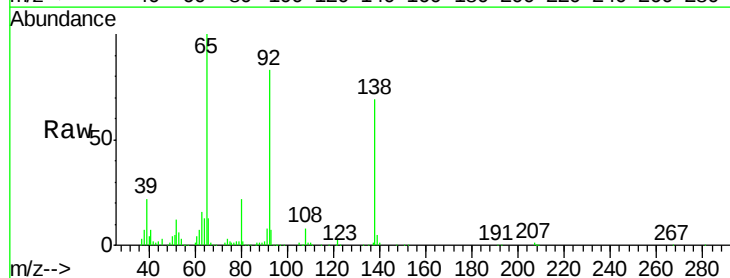
Tgt Ion:138 Resp: 259988

Ion Ratio Lower Upper

138 100

108 12.1 9.9 14.9

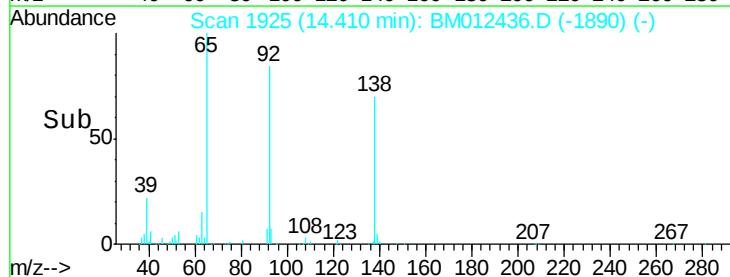
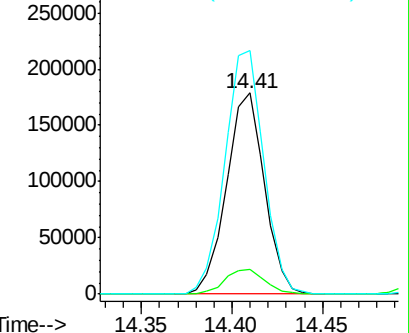
92 121.1 105.0 157.4

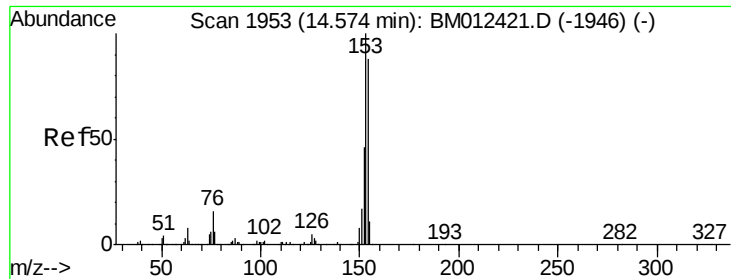


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 18.69 ng/ul

RT: 14.57 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

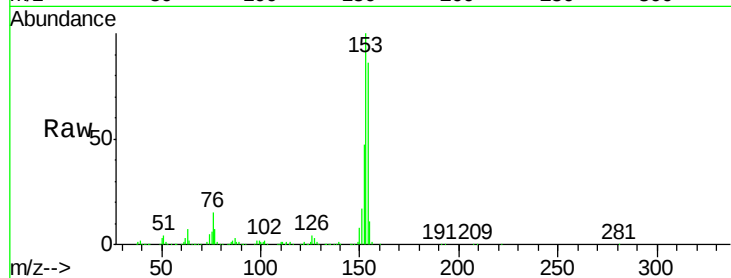
Tot Ion:153 Resp: 1070634

Ion Ratio Lower Upper

153 100

152 47.2 37.6 56.4

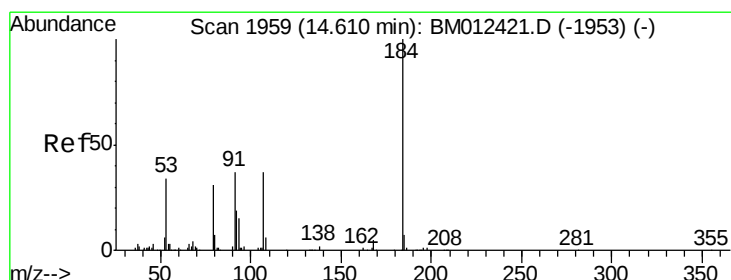
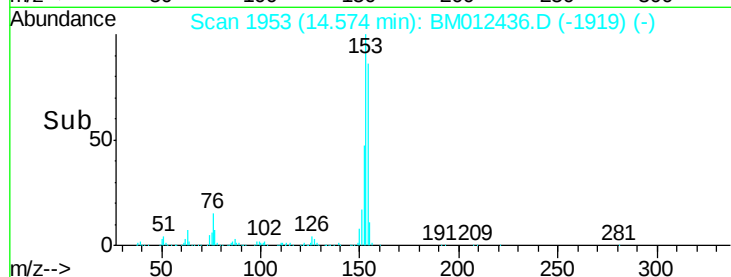
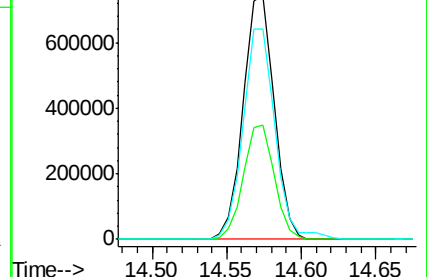
154 86.2 70.4 105.6



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: 6.76 ng/ul

RT: 14.61 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

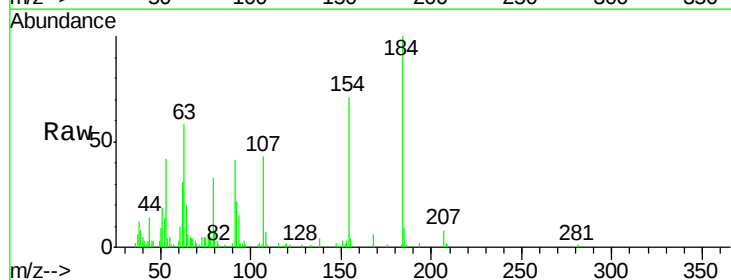
Tgt Ion:184 Resp: 44206

Ion Ratio Lower Upper

184 100

63 58.0 50.1 75.1

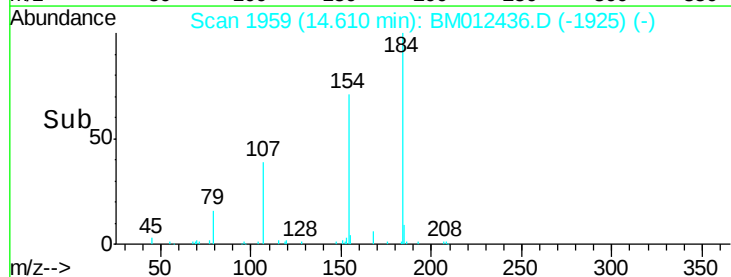
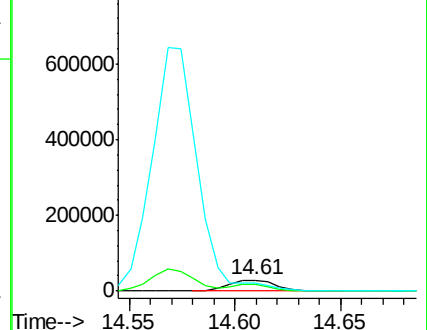
154 71.2 54.5 81.7

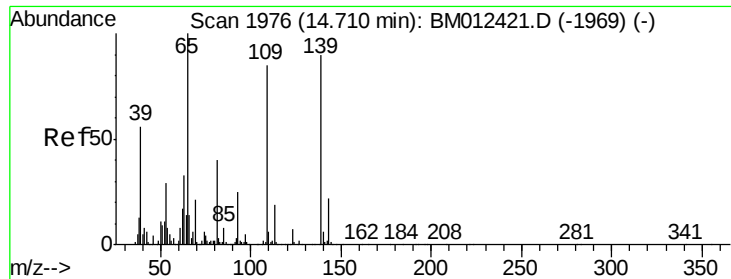


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.75 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

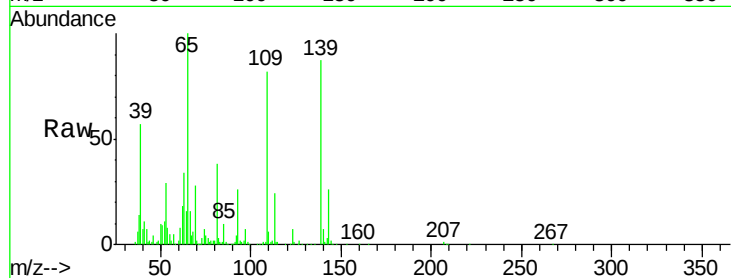
Tot Ion:109 Resp: 209514

Ion Ratio Lower Upper

109 100

139 106.2 80.0 120.0

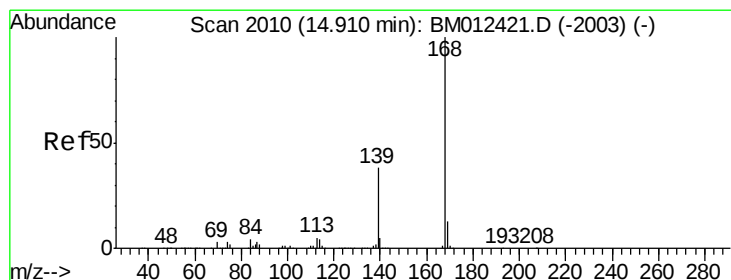
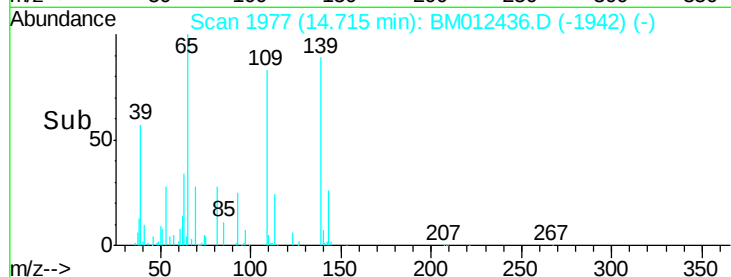
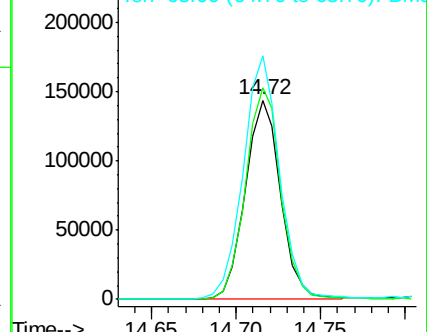
65 122.4 120.0 180.0



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: 18.97 ng/ul

RT: 14.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BM012436.D

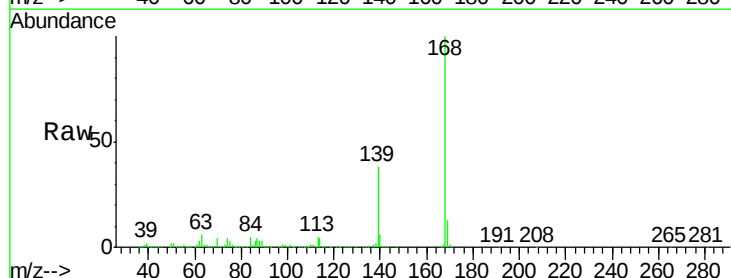
Acq: 25 Oct 2017 05:12

Tgt Ion:168 Resp: 1608611

Ion Ratio Lower Upper

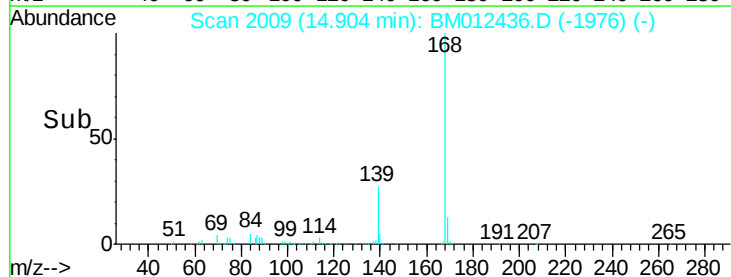
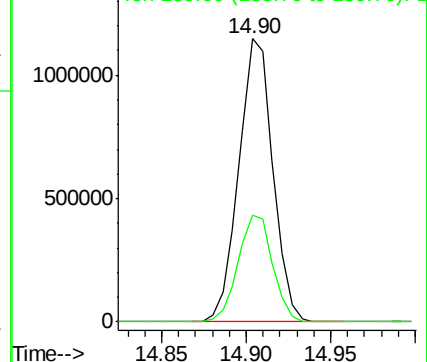
168 100

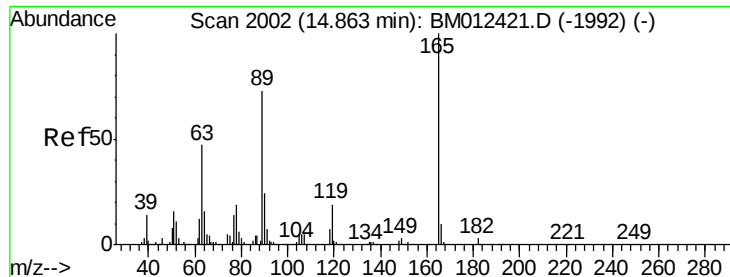
139 37.6 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

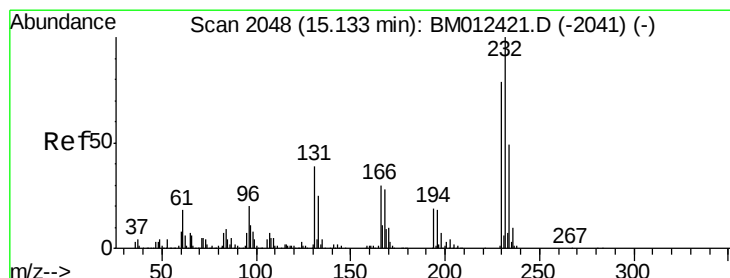
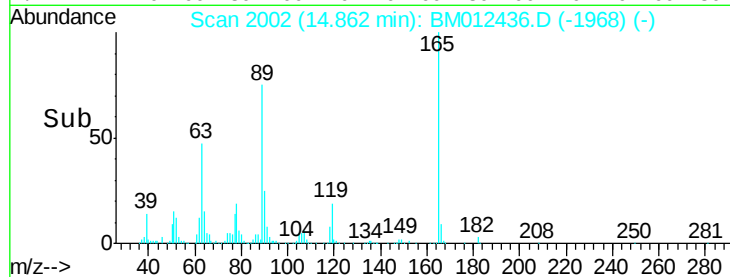
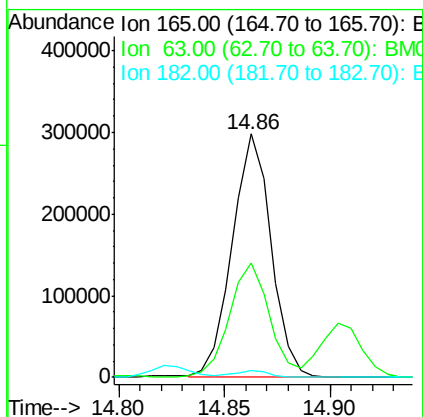
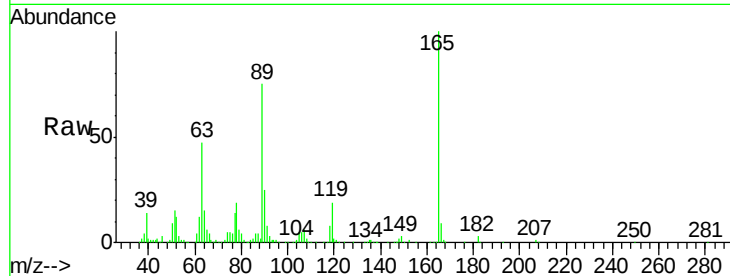




#54
 2,4-Dinitrotoluene
 Concen: 21.75 ng/ul
 RT: 14.86 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

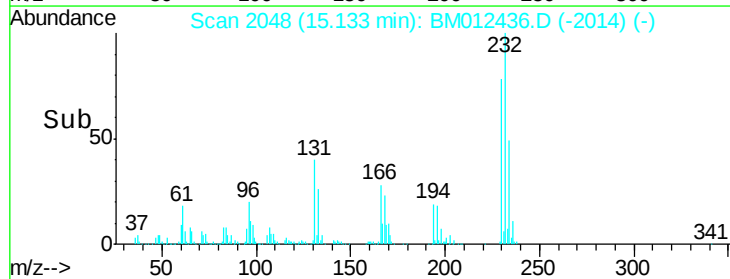
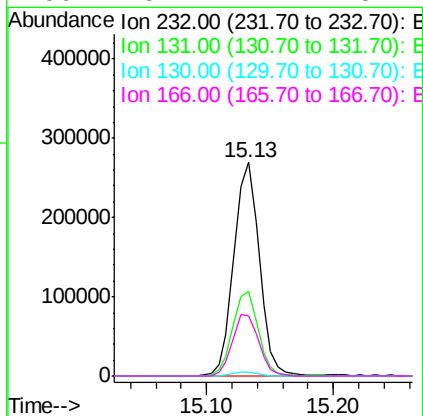
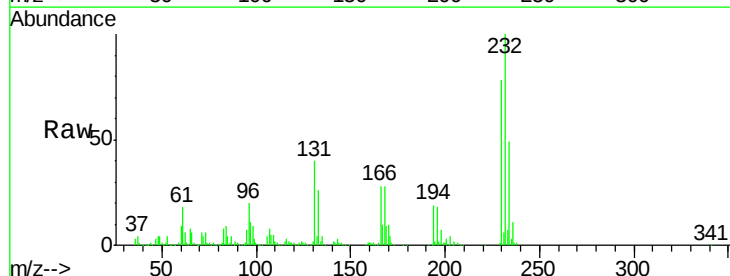
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02057

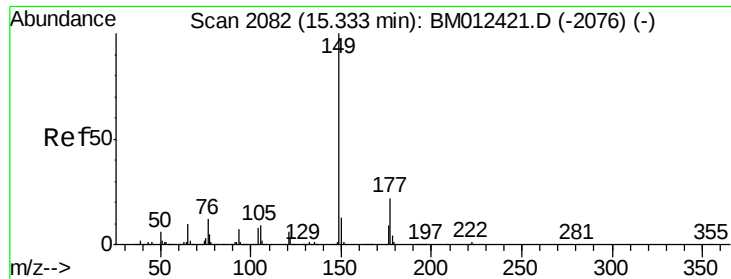
Tot Ion:165 Resp: 379416
 Ion Ratio Lower Upper
 165 100
 63 46.8 45.8 68.8
 182 2.9 2.6 4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 21.35 ng/ul
 RT: 15.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

Tgt Ion:232 Resp: 376667
 Ion Ratio Lower Upper
 232 100
 131 39.7 29.0 43.4
 130 2.1 2.0 3.0
 166 28.2 21.4 32.2

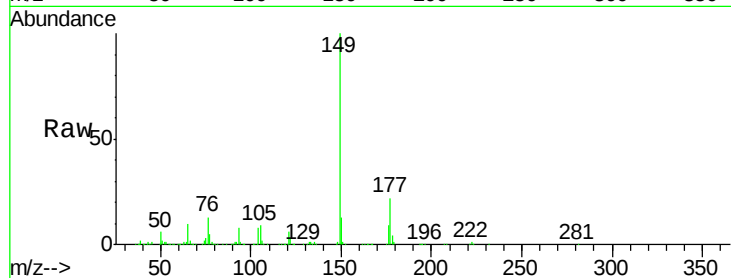




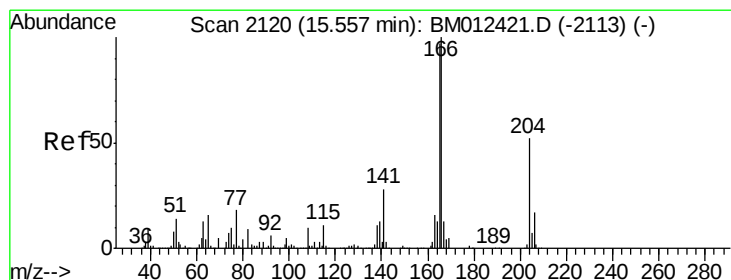
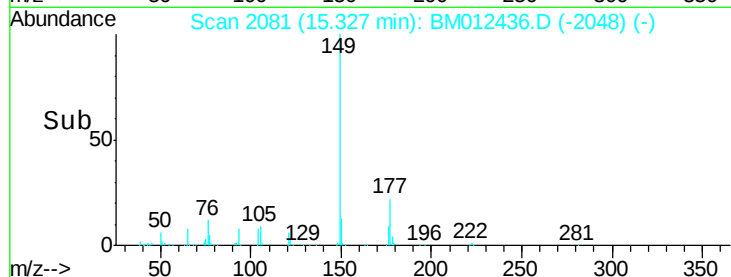
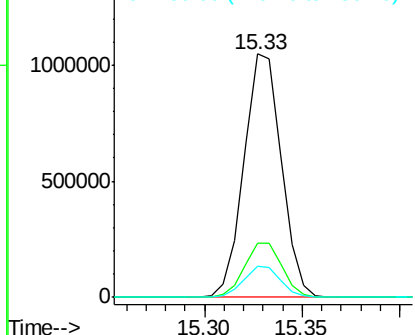
#56
Diethylphthalate
Concen: 18.66 ng/ul
RT: 15.33 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tot Ion:149 Resp: 1394265
Ion Ratio Lower Upper
149 100
177 22.2 20.5 30.7
150 13.0 10.6 15.8

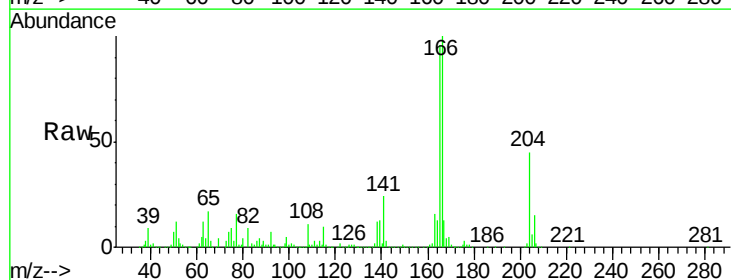


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

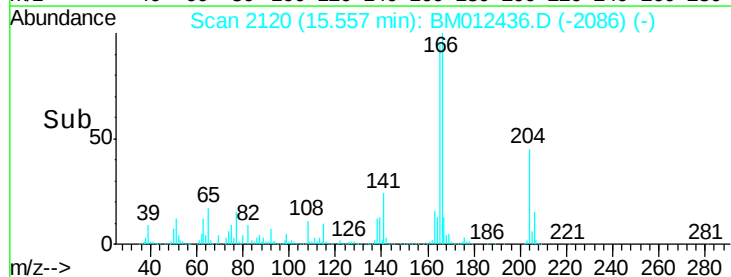
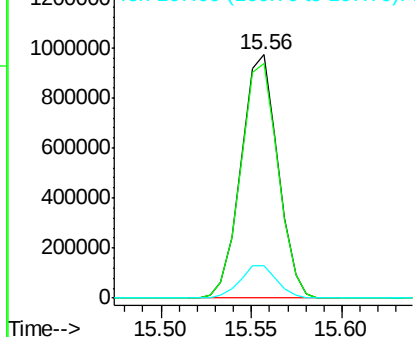


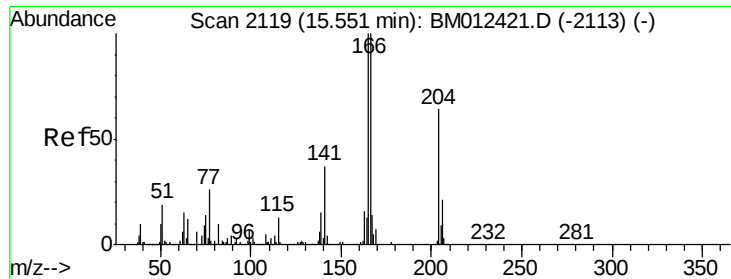
#58
Fluorene
Concen: 19.06 ng/ul
RT: 15.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Tgt Ion:166 Resp: 1366783
Ion Ratio Lower Upper
166 100
165 96.2 77.9 116.9
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

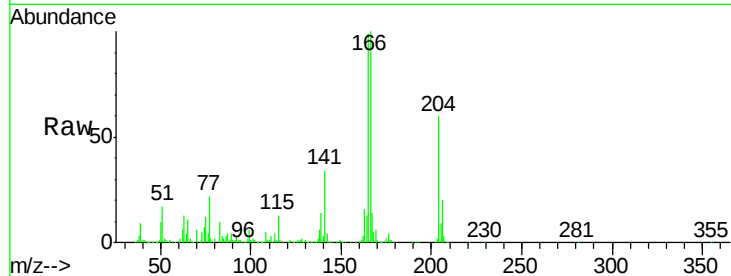




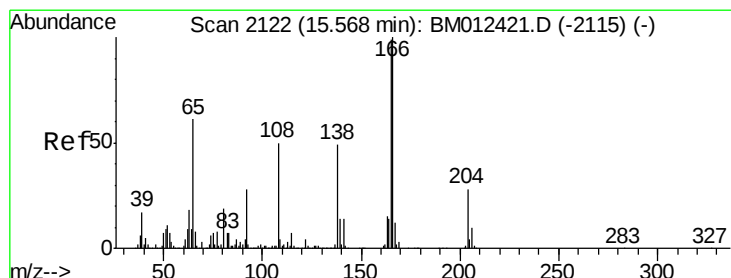
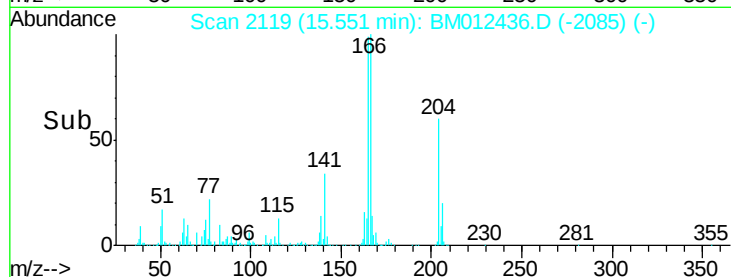
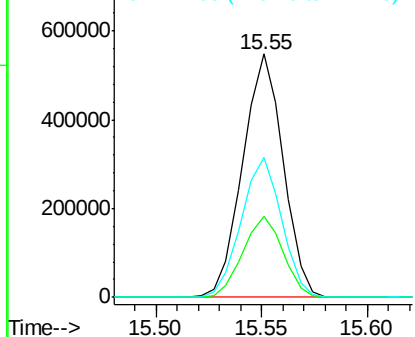
#59
4-Chlorophenyl-phenylether
Concen: 18.73 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tot Ion:204 Resp: 730653
Ion Ratio Lower Upper
204 100
206 33.1 24.8 37.2
141 57.4 44.3 66.5

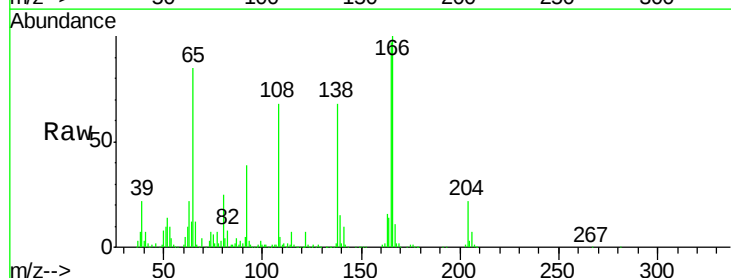


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

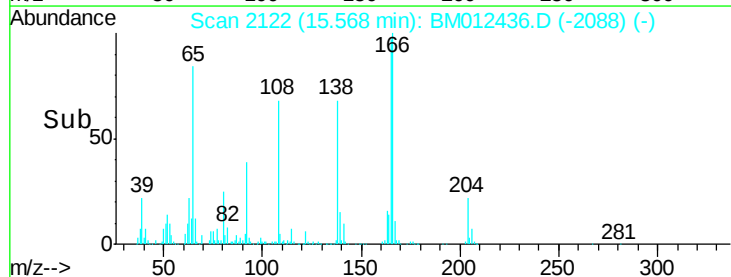
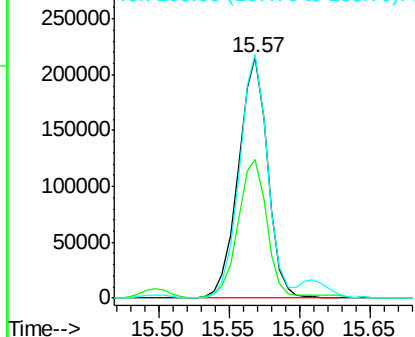


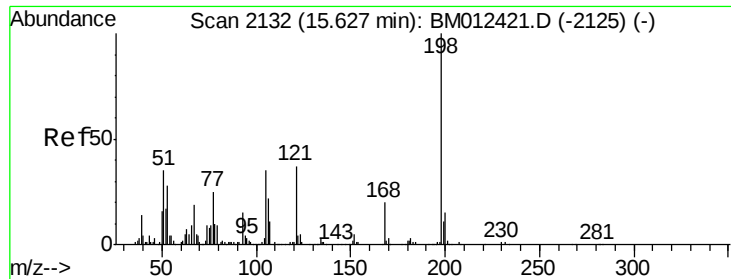
#60
4-Nitroaniline
Concen: 22.83 ng/ul
RT: 15.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Tgt Ion:138 Resp: 312338
Ion Ratio Lower Upper
138 100
92 57.3 40.0 60.0
108 101.1 80.0 120.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

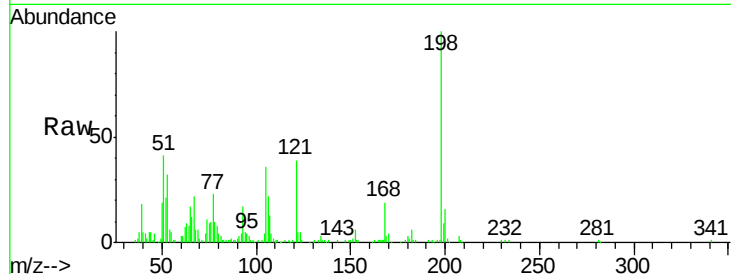




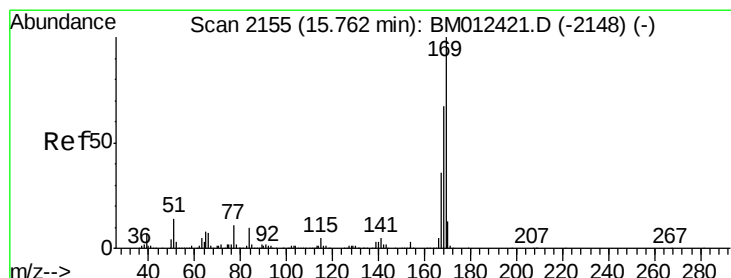
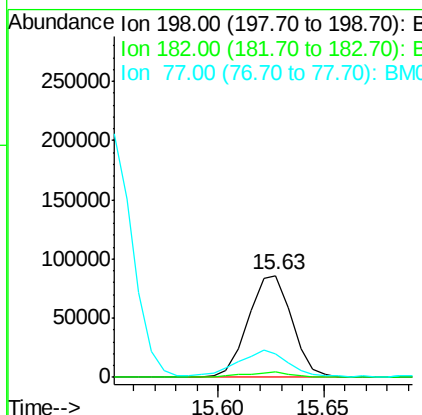
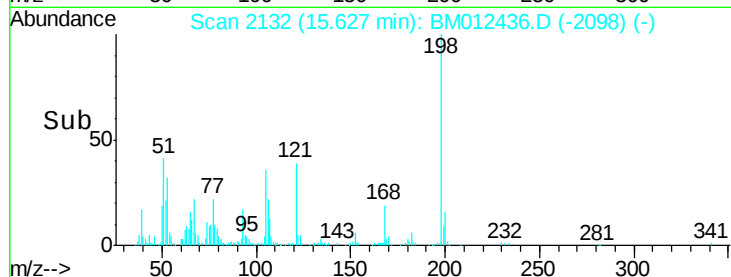
#63
 4,6-Dinitro-2-methylphenol
 Concen: 10.33 ng/ul
 RT: 15.63 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02057

Tot Ion:198 Resp: 123851
 Ion Ratio Lower Upper
 198 100
 182 5.8 3.8 5.6#
 77 23.4 25.2 37.8#

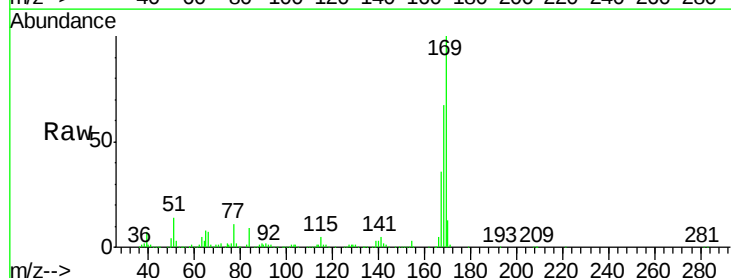


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

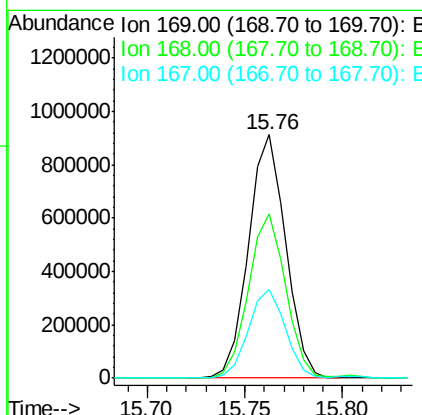
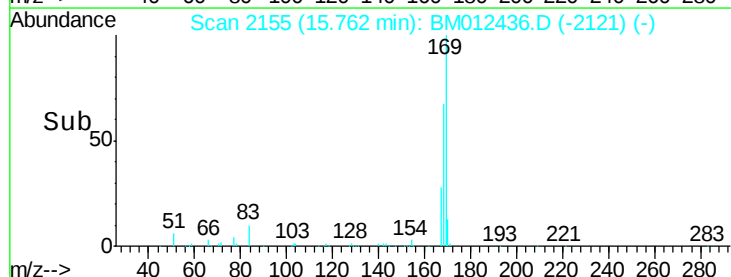


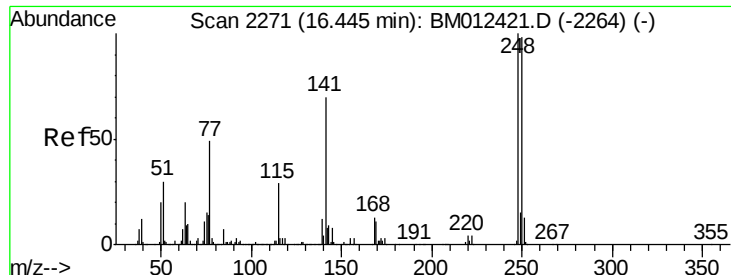
#64
 N-Nitrosodiphenylamine
 Concen: 18.35 ng/ul
 RT: 15.76 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

Tgt Ion:169 Resp: 1201413
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.0 81.0
 167 36.5 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

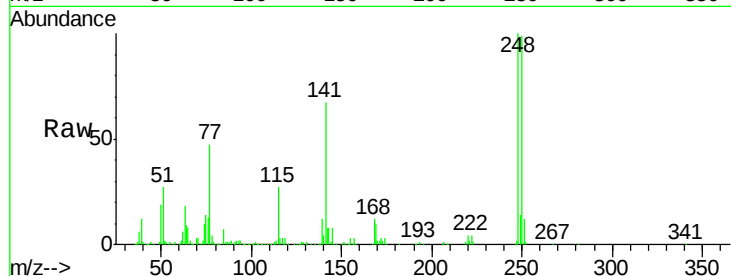




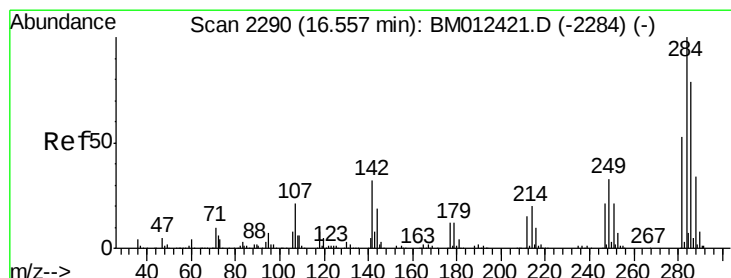
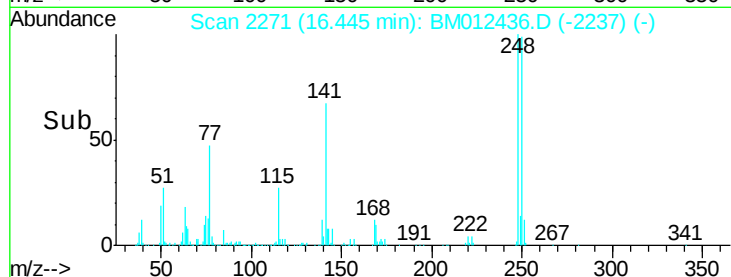
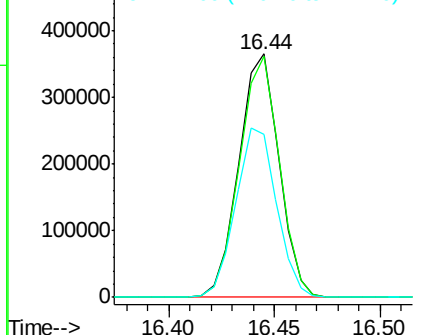
#65
4-Bromophenyl-phenylether
Concen: 17.88 ng/ul
RT: 16.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tot Ion:248 Resp: 482533
Ion Ratio Lower Upper
248 100
250 98.8 80.5 120.7
141 67.1 53.6 80.4

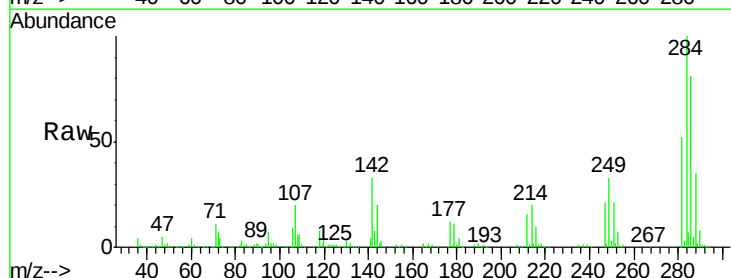


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

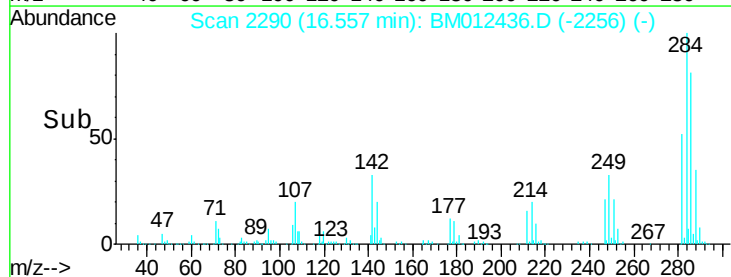
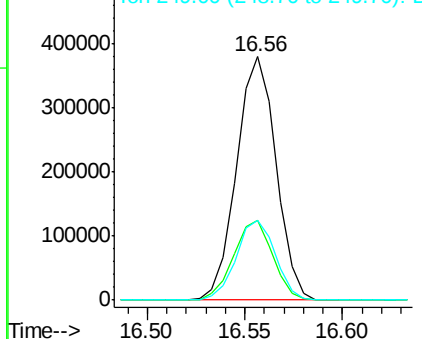


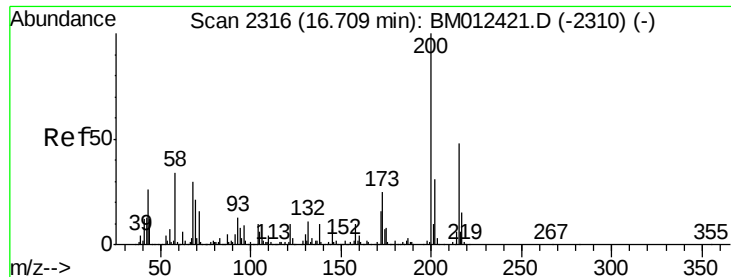
#66
Hexachlorobenzene
Concen: 17.80 ng/ul
RT: 16.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Tgt Ion:284 Resp: 531397
Ion Ratio Lower Upper
284 100
142 32.5 21.2 31.8#
249 32.8 24.5 36.7



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

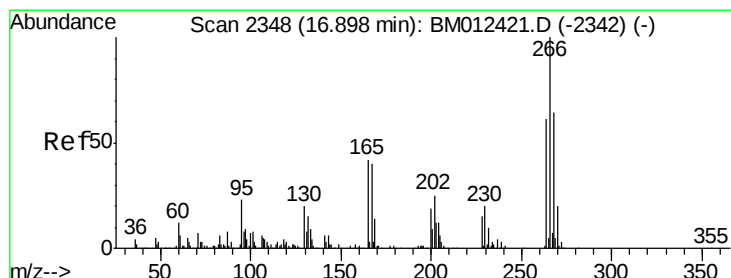
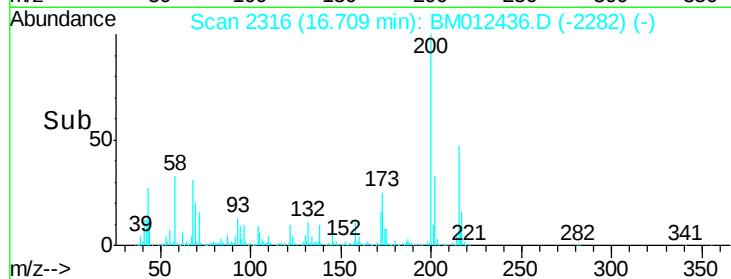
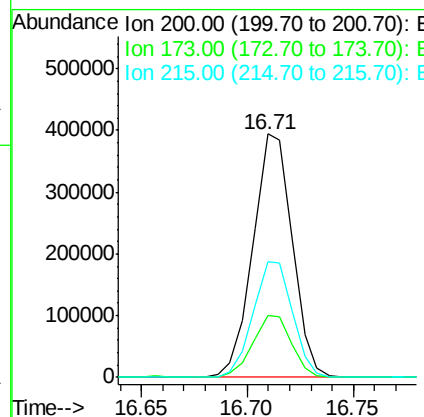
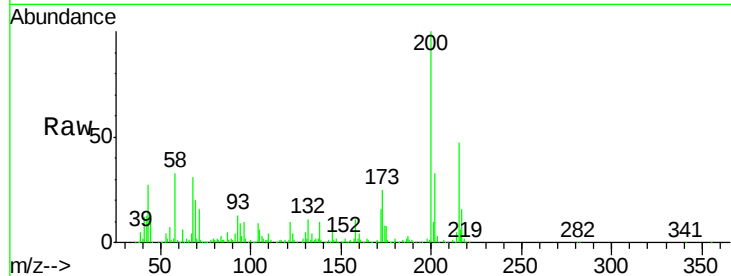




#67
Atrazine
Concen: 18.16 ng/ul
RT: 16.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

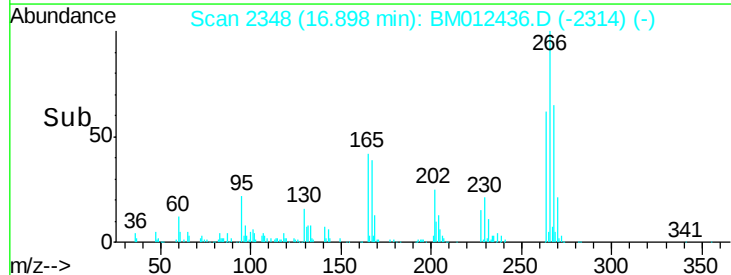
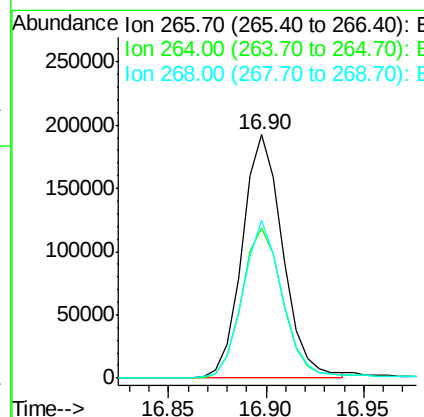
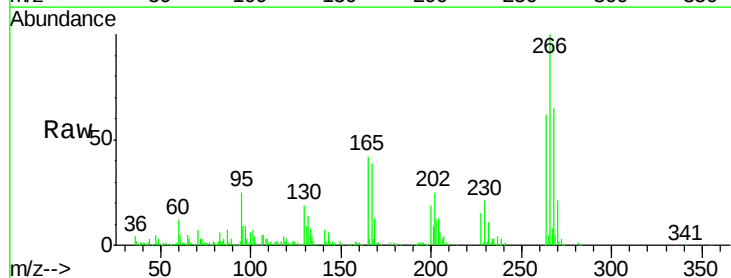
Instrument :
BNA_M
ClientSampleId :
SSTD02057

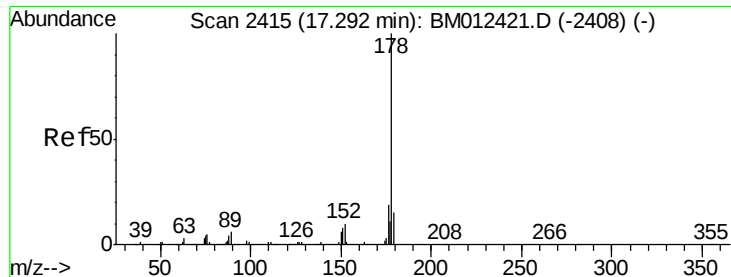
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	18.2	27.2
215	47.3	35.0	52.4



#68
Pentachlorophenol
Concen: 16.95 ng/ul
RT: 16.90 min Scan# 2348
Delta R.T. -0.00 min
Lab File: BM012436.D
Acq: 25 Oct 2017 05:12

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.3	73.9
268	64.7	52.6	78.8





#69

Phenanthrene

Concen: 18.77 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

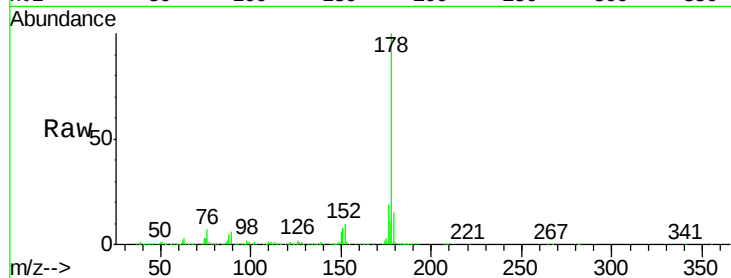
BNA_M

ClientSampleId :

SSTD02057

Tot Ion:178 Resp: 2287019

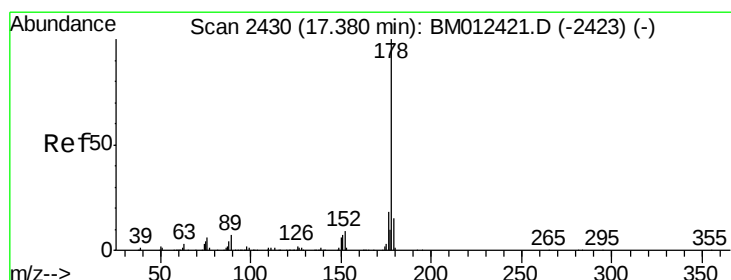
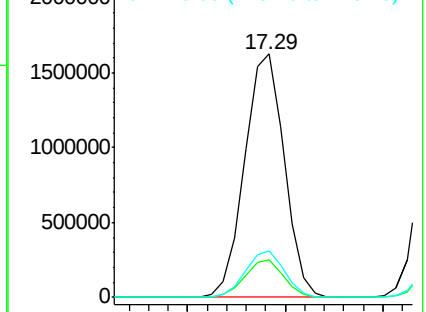
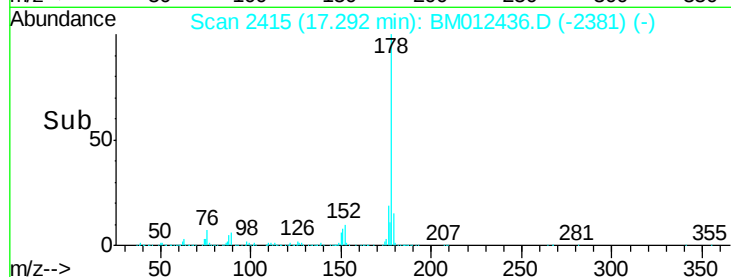
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.2	14.9	22.3



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: 19.00 ng/ul

RT: 17.38 min Scan# 2430

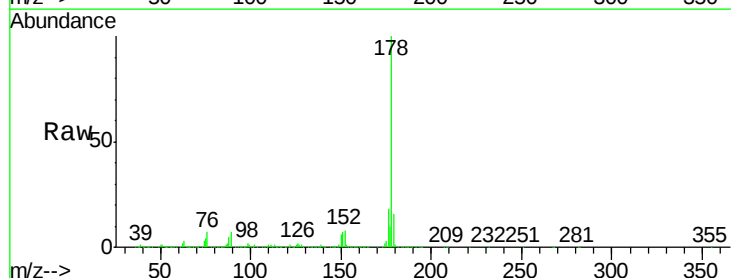
Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Tgt Ion:178 Resp: 2392295

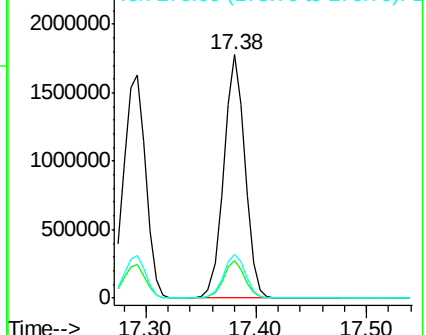
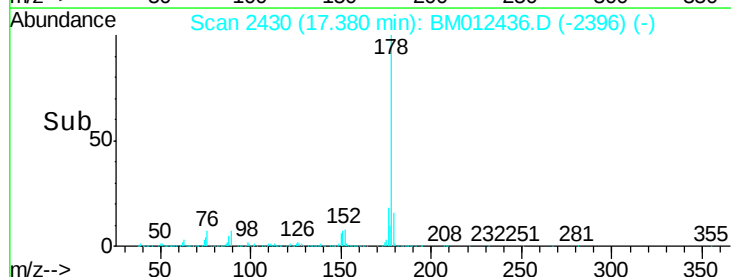
Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	18.2	14.6	21.8

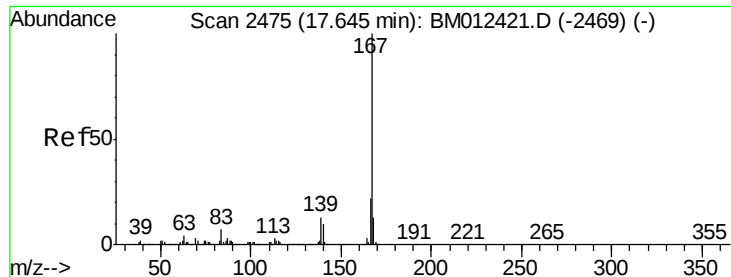


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

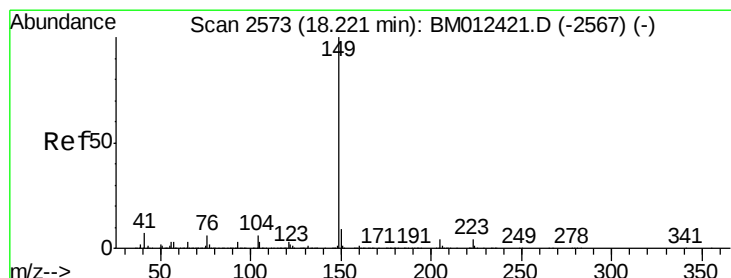
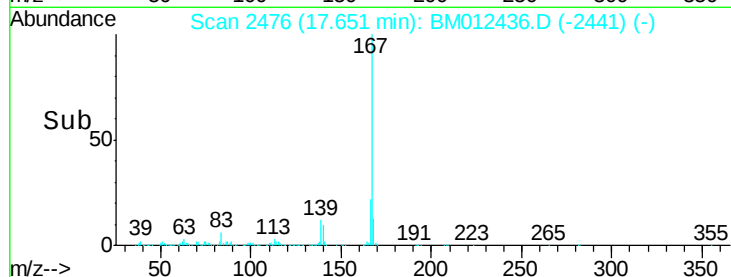
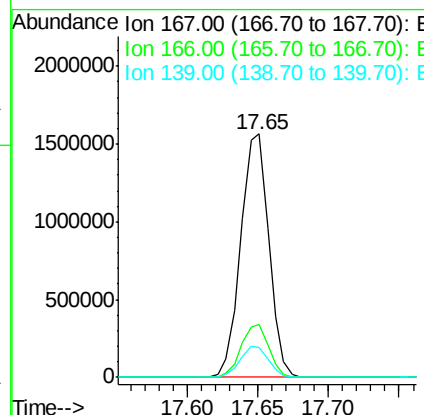
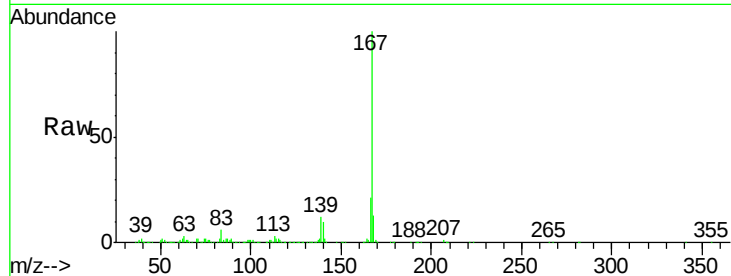




#72
 Carbazole
 Concen: 20.90 ng/ul
 RT: 17.65 min Scan# 2476
 Delta R.T. 0.01 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

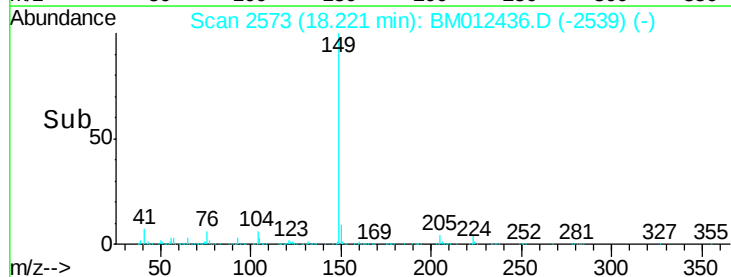
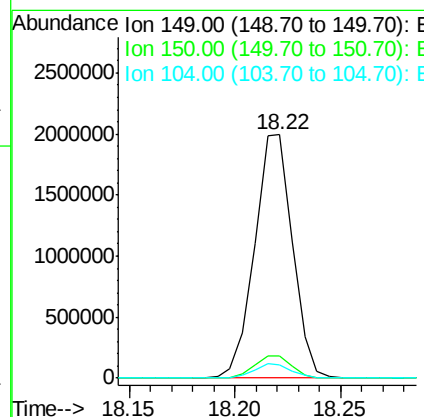
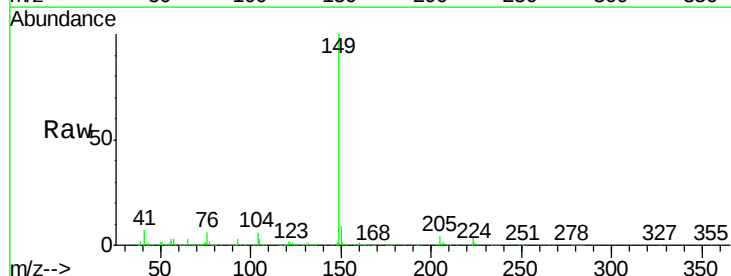
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02057

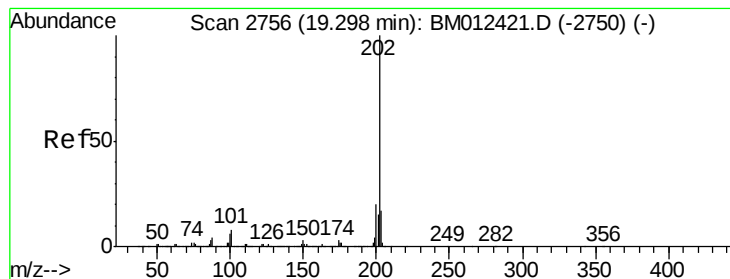
Tot Ion:167 Resp: 2179441
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.5 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 18.78 ng/ul
 RT: 18.22 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BM012436.D
 Acq: 25 Oct 2017 05:12

Tgt Ion:149 Resp: 2497703
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.1 10.7
 104 5.7 5.6 8.4





#74

Fluoranthene

Concen: 21.91 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

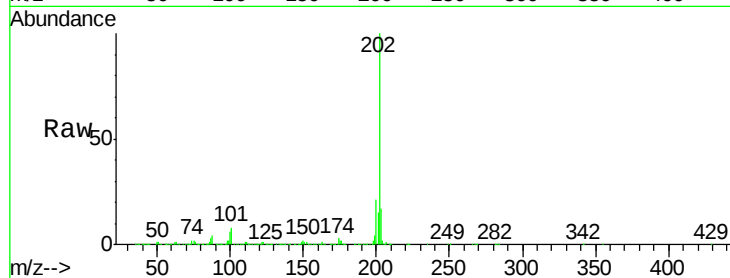
Tot Ion:202 Resp: 3024814

Ion Ratio Lower Upper

202 100

101 8.0 4.6 7.0#

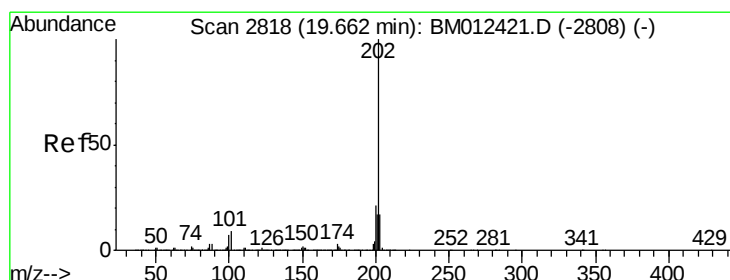
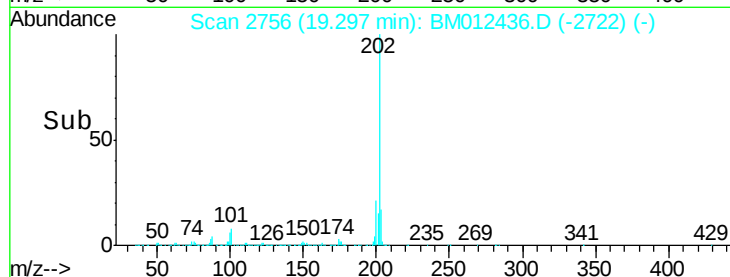
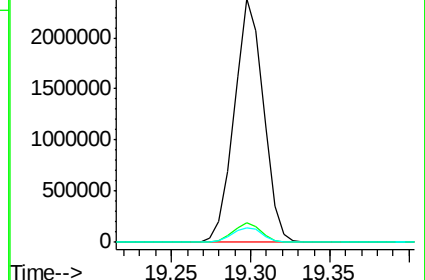
100 6.2 3.4 5.2#



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: 17.91 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

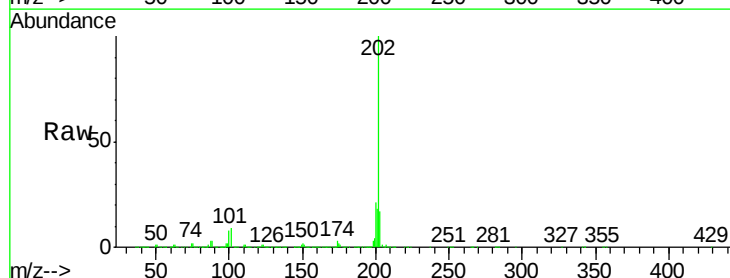
Tgt Ion:202 Resp: 3197593

Ion Ratio Lower Upper

202 100

101 8.9 5.1 7.7#

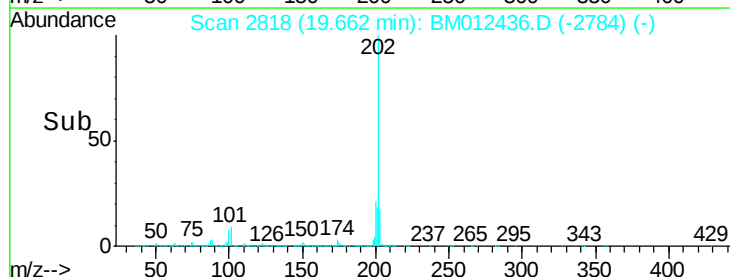
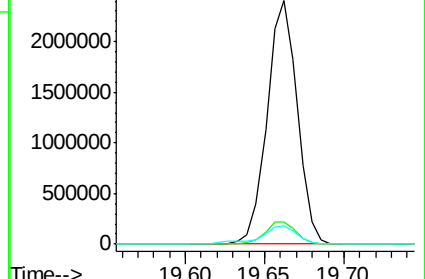
100 7.7 4.9 7.3#

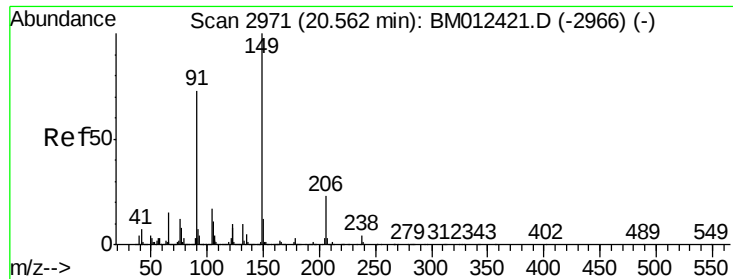


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 17.82 ng/ul

RT: 20.56 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

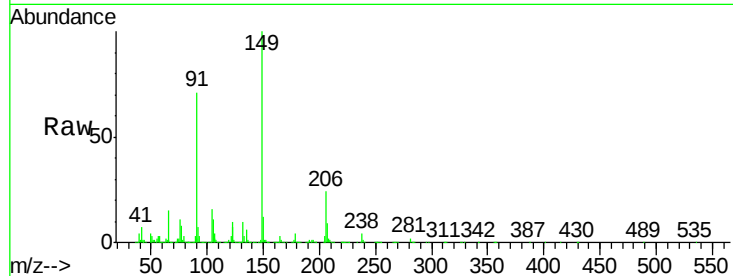
Tot Ion:149 Resp: 1253972

Ion Ratio Lower Upper

149 100

91 70.7 62.7 94.1

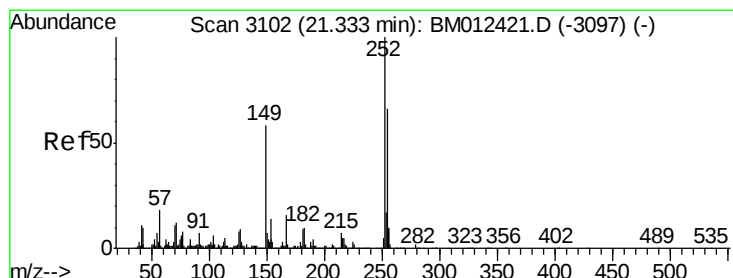
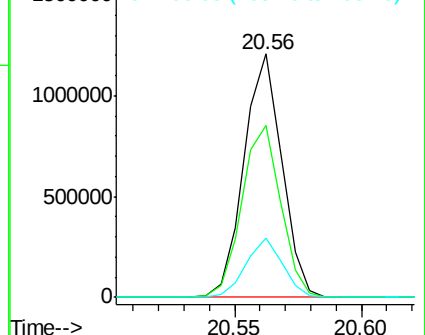
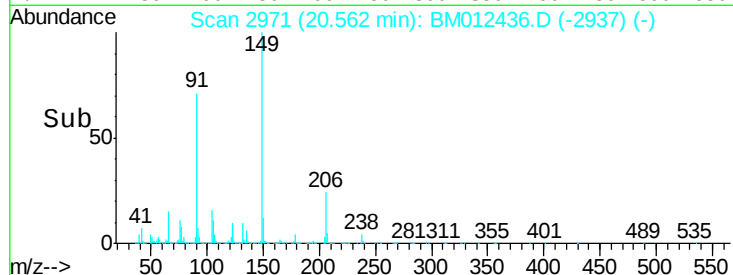
206 24.3 20.8 31.2



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: 16.86 ng/ul

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

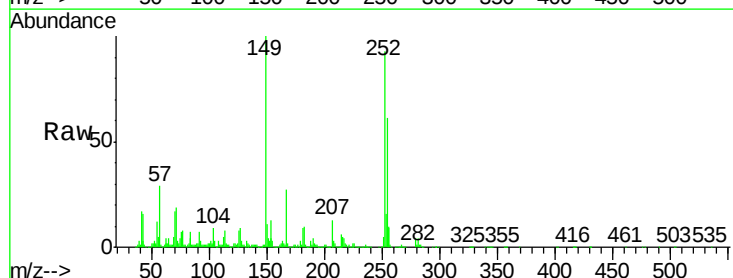
Tgt Ion:252 Resp: 1161913

Ion Ratio Lower Upper

252 100

254 65.9 54.5 81.7

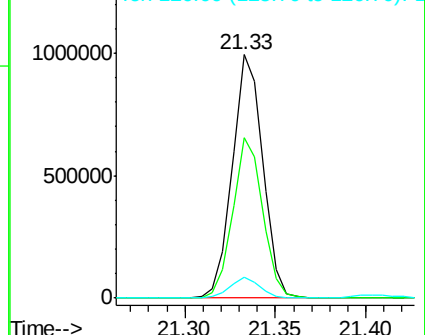
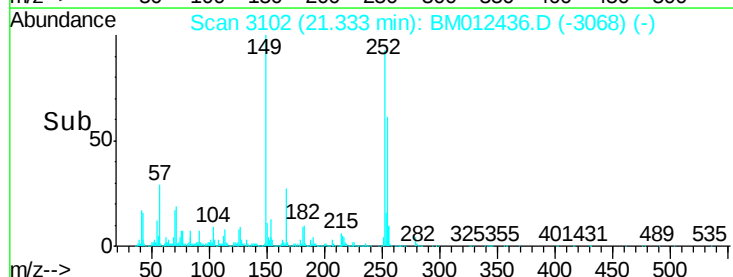
126 8.8 5.8 8.8#

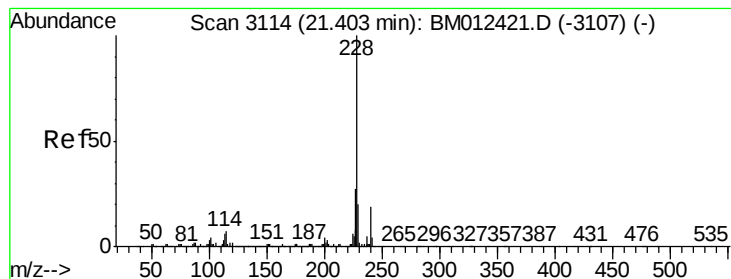


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.21 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

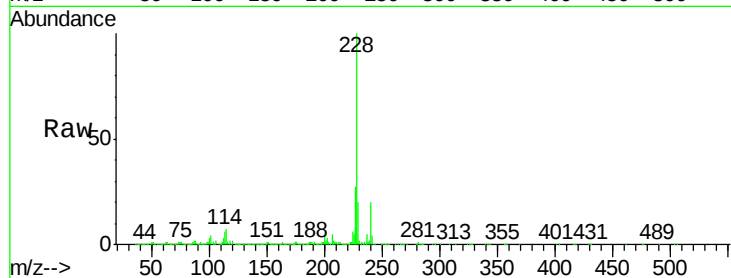
Tot Ion:228 Resp: 3612947

Ion Ratio Lower Upper

228 100

229 19.7 15.4 23.0

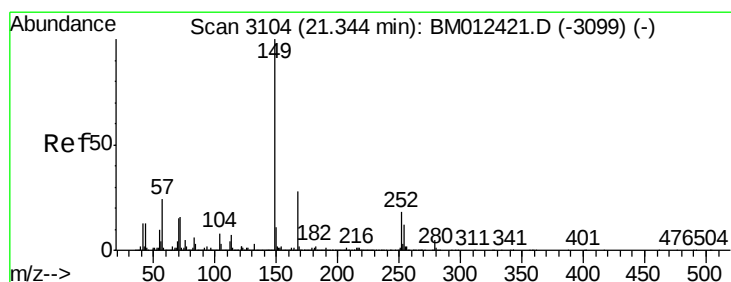
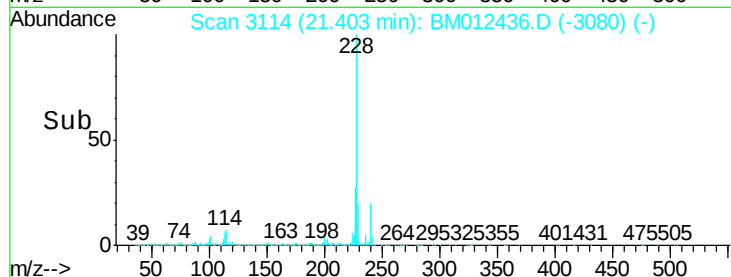
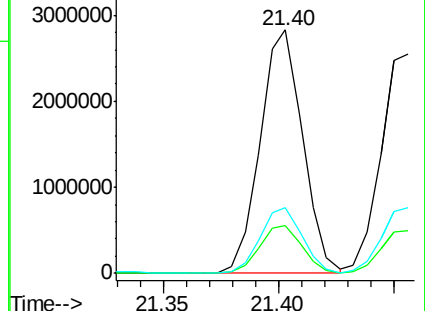
226 27.0 21.4 32.0



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: 18.16 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

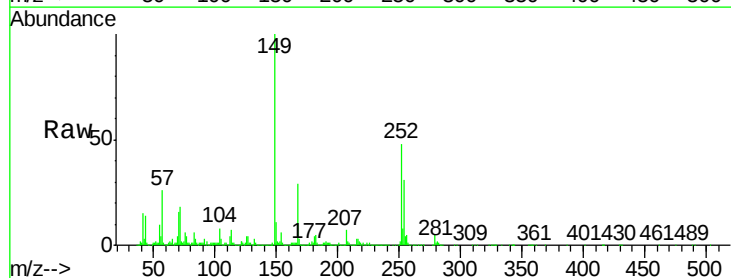
Tgt Ion:149 Resp: 1944078

Ion Ratio Lower Upper

149 100

167 28.9 22.8 34.2

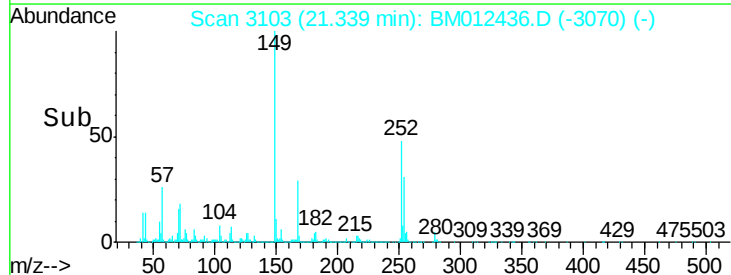
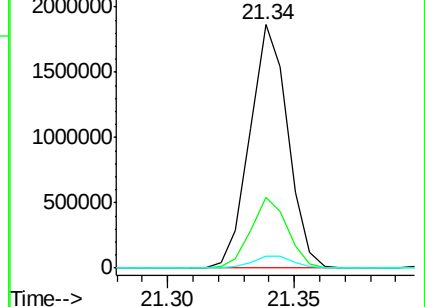
279 5.0 4.9 7.3

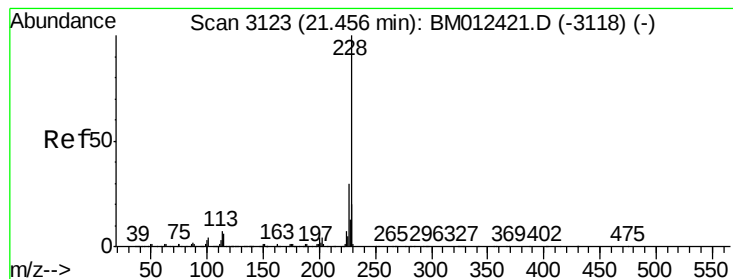


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.41 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

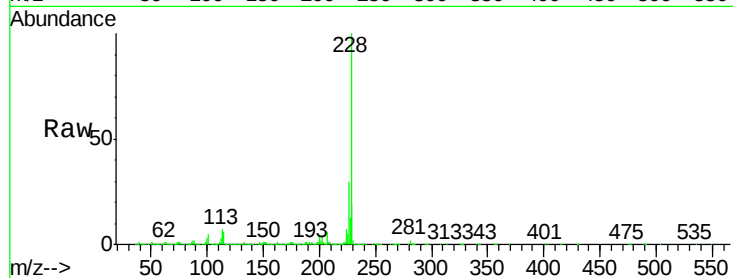
BNA_M

ClientSampleId :

SSTD02057

Tot Ion:228 Resp: 3244603

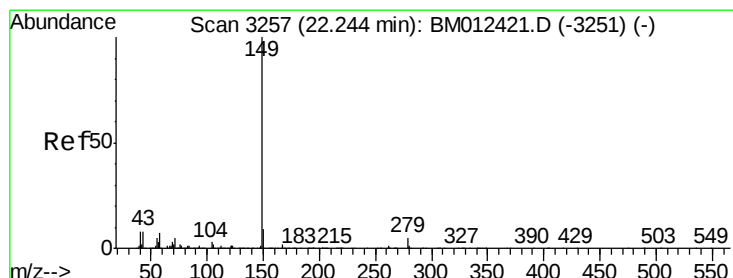
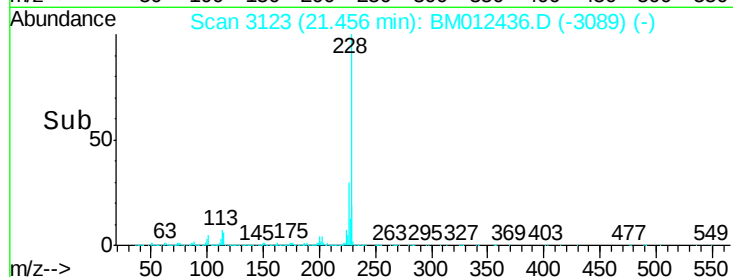
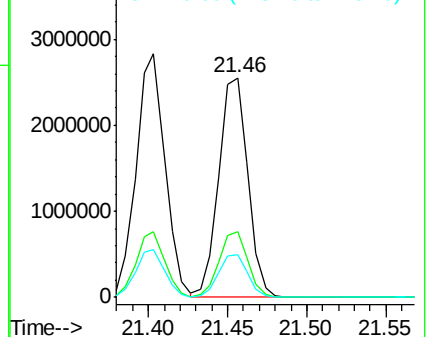
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	19.3	15.5	23.3



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: 18.61 ng/ul

RT: 22.24 min Scan# 3256

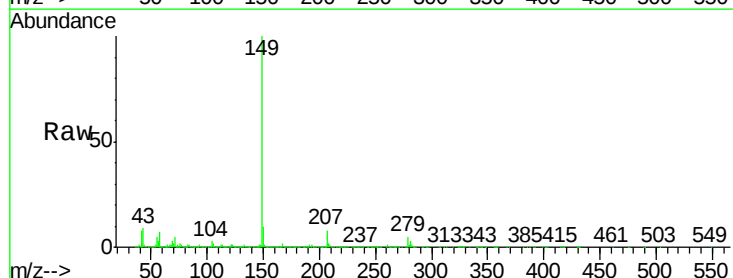
Delta R.T. -0.01 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Tgt Ion:149 Resp: 3273623

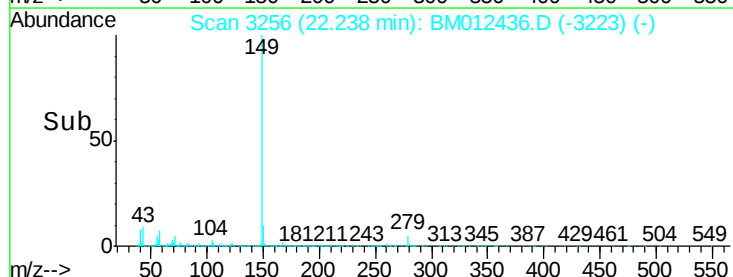
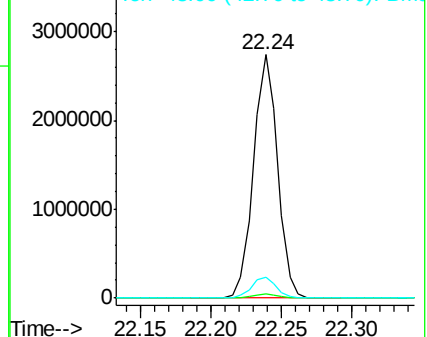
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.8	7.3	10.9

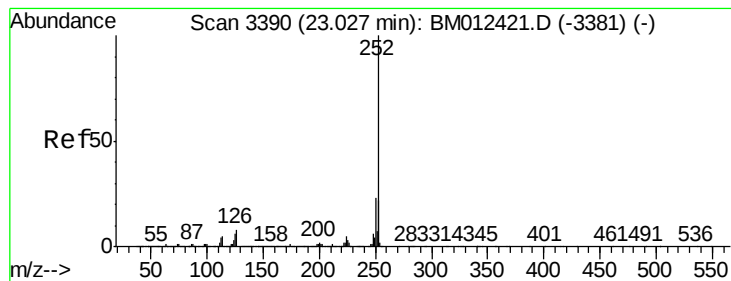


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 18.65 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

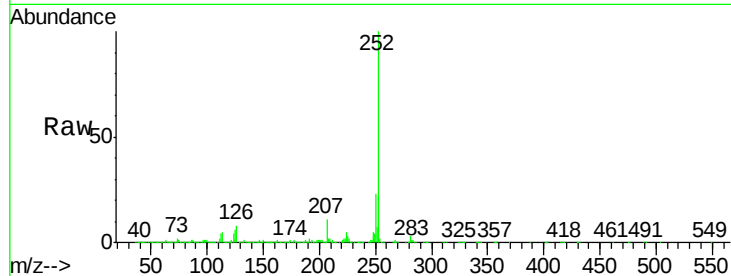
Tot Ion:252 Resp: 3907996

Ion Ratio Lower Upper

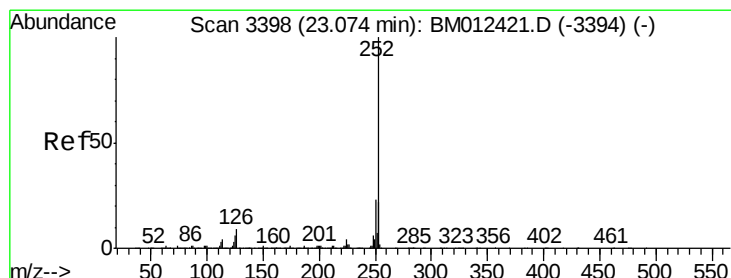
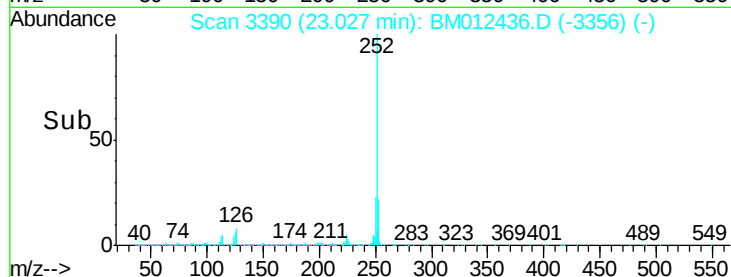
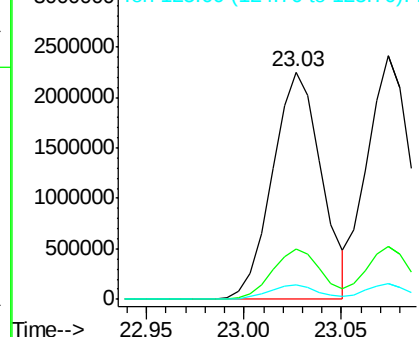
252 100

253 22.3 17.9 26.9

125 6.4 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 18.94 ng/ul

RT: 23.07 min Scan# 3398

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

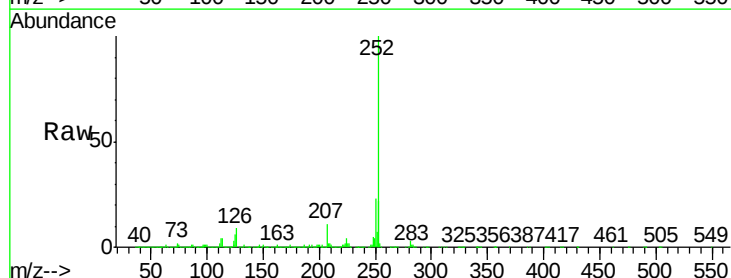
Tgt Ion:252 Resp: 3737076

Ion Ratio Lower Upper

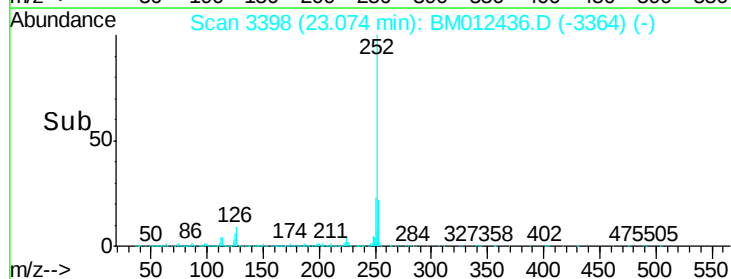
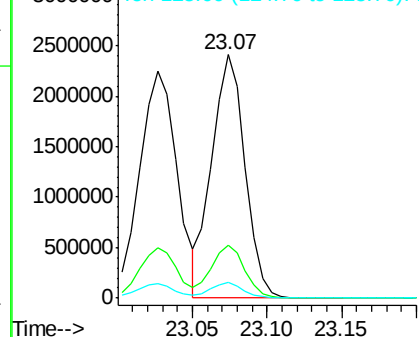
252 100

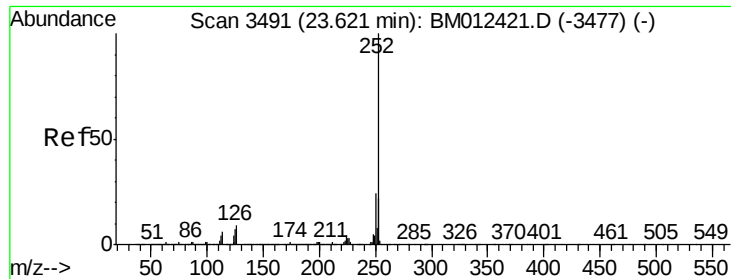
253 21.7 17.1 25.7

125 6.2 3.4 5.2#



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





#88

Benzo(a)pyrene

Concen: 18.69 ng/ul

RT: 23.62 min Scan# 3491

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

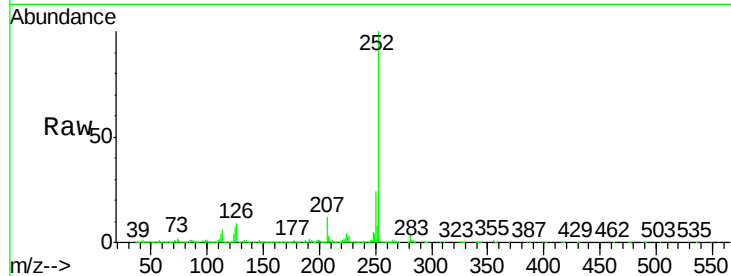
Tot Ion:252 Resp: 3734731

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

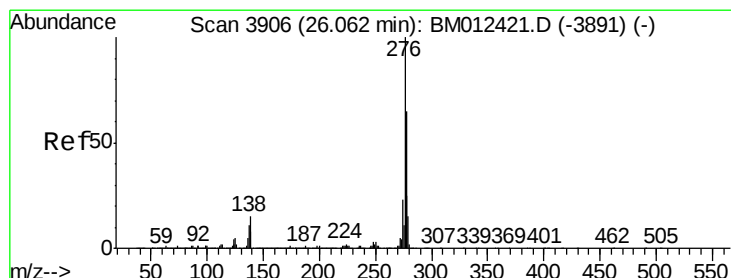
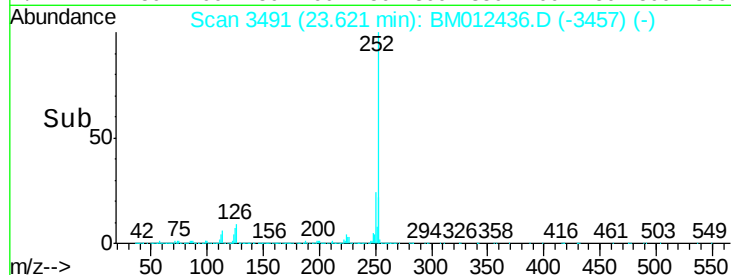
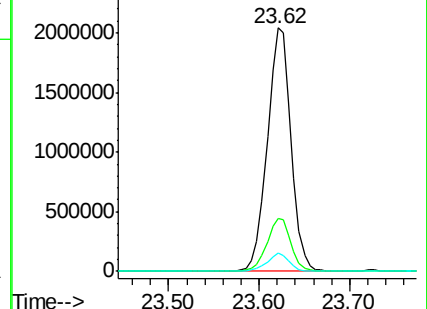
125 7.3 4.0 6.0#



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: 17.85 ng/ul

RT: 26.06 min Scan# 3906

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

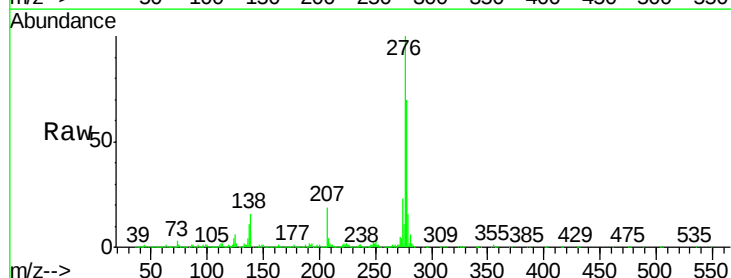
Tgt Ion:276 Resp: 4197178

Ion Ratio Lower Upper

276 100

138 15.6 9.3 13.9#

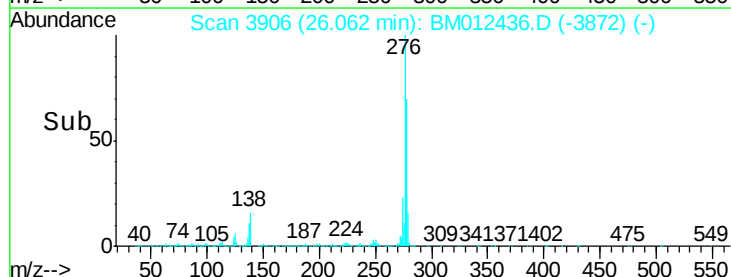
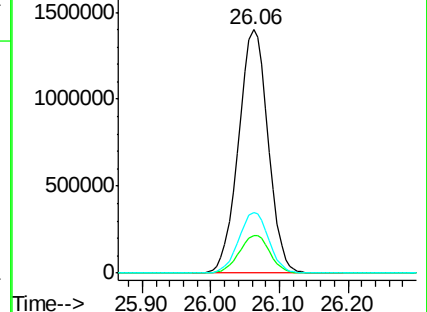
277 24.8 19.9 29.9

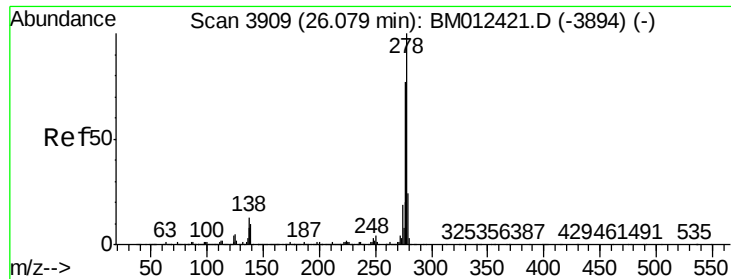


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 17.73 ng/ul

RT: 26.07 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

Instrument :

BNA_M

ClientSampleId :

SSTD02057

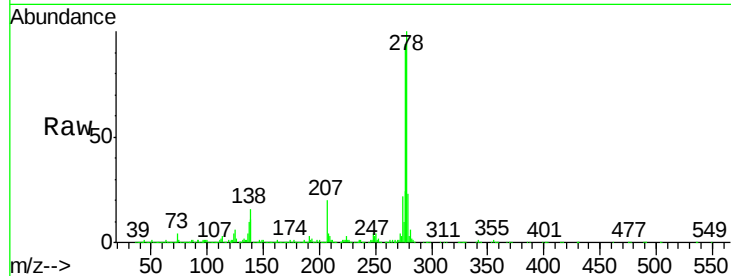
Tot Ion:278 Resp: 3535049

Ion Ratio Lower Upper

278 100

139 10.7 5.8 8.8#

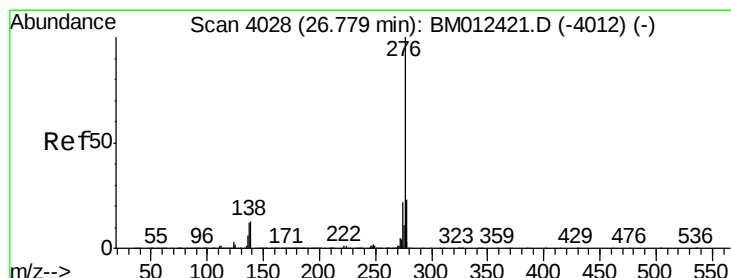
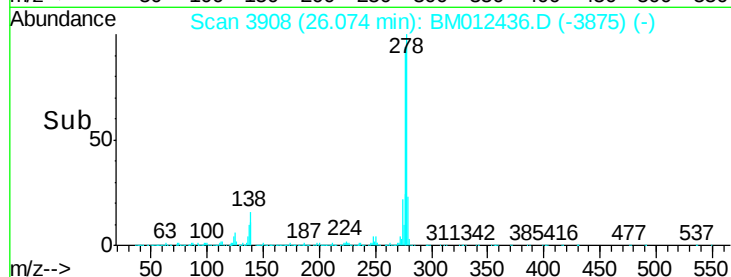
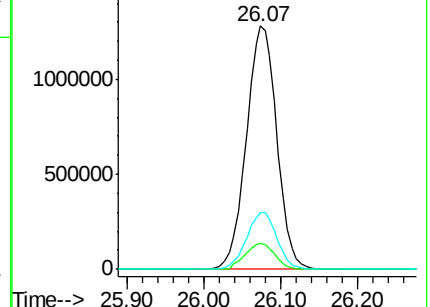
279 23.5 18.6 27.8



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: 17.89 ng/ul

RT: 26.78 min Scan# 4028

Delta R.T. -0.00 min

Lab File: BM012436.D

Acq: 25 Oct 2017 05:12

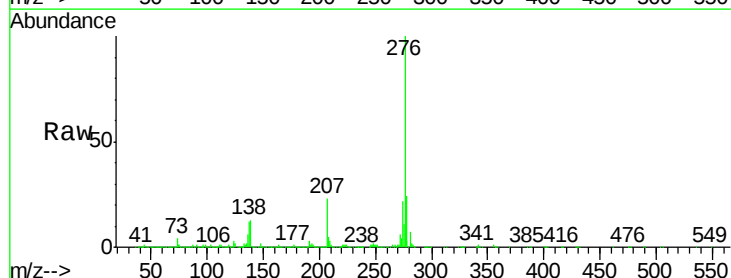
Tgt Ion:276 Resp: 3410384

Ion Ratio Lower Upper

276 100

138 13.4 8.5 12.7#

277 24.0 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

