

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070316\
 Data File : BM006238.D
 Acq On : 03 Jul 2016 17:23
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 04 01:32:08 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 01:30:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	265454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1208076	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	688449	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1475984	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	1235137	20.00	ng/ul	0.00
83) Perylene-d12	23.45	264	1141836	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	48950	7.88	ng/uL	0.00
5) Phenol-d5	6.82	99	493295	19.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	302980	20.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	367630	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	393031	19.54	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	188171	19.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	207820	19.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	377013	19.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	493545	24.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1101396	19.17	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1409934	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	200547	18.42	ng/ul	0.00
57) Fluorene-d10	15.29	176	942119	19.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	160584	18.57	ng/ul	0.00
70) Anthracene-d10	17.14	188	1372429	19.49	ng/ul	0.00
76) Pyrene-d10	19.44	212	1353659	22.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.31	264	1062211	20.02	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.19	88	53493	7.87 ng/uL#	33
4) Benzaldehyde	6.79	77	328277	22.83 ng/ul	98
6) Phenol	6.85	94	512806	19.85 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	403038	21.12 ng/ul	99
10) 2-Chlorophenol	7.21	128	380486	19.32 ng/ul	99
11) 2-Methylphenol	8.09	108	395997	20.01 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	577954	20.28 ng/ul	99
14) Acetophenone	8.46	105	614474	20.04 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	339017	19.36 ng/ul	98
16) 4-Methylphenol	8.42	108	428420	19.95 ng/ul	98
17) Hexachloroethane	8.71	117	156692	19.43 ng/ul	97
20) Nitrobenzene	8.84	77	484394	19.35 ng/ul	99
21) Isophorone	9.36	82	932393	19.54 ng/ul	99
23) 2-Nitrophenol	9.55	139	224981	19.14 ng/ul	96
24) 2,4-Dimethylphenol	9.62	107	476797	19.19 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	572833	20.09 ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	375609	19.20 ng/ul	97
28) Naphthalene	10.47	128	1219757	19.62 ng/ul	98
30) 4-Chloroaniline	10.59	127	510796	23.92 ng/ul	99
31) Hexachlorobutadiene	10.76	225	226988	18.56 ng/ul	99
32) Caprolactam	11.35	113	94361	12.18 ng/ul	91
33) 4-Chloro-3-methylphenol	11.73	107	446418	18.70 ng/ul	98
34) 2-Methylnaphthalene	12.10	142	906622	19.22 ng/ul	98

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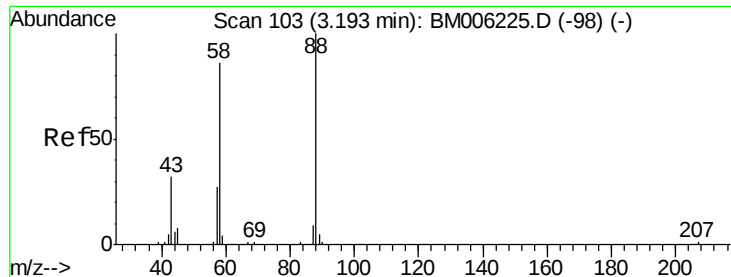
Quant Time: Jul 04 01:32:08 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 01:30:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	454426	19.85	ng/ul	99
37) Hexachlorocyclopentadiene	12.44	237	234267	18.00	ng/ul	97
38) 2,4,6-Trichlorophenol	12.72	196	313598	19.39	ng/ul	98
39) 2,4,5-Trichlorophenol	12.79	196	325190	19.25	ng/ul	98
40) 1,1'-Biphenyl	13.12	154	1180229	20.79	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	908993	20.54	ng/ul	100
42) 2-Nitroaniline	13.37	65	326082	19.31	ng/ul	97
44) Dimethylphthalate	13.76	163	1105345	19.14	ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	239046	19.10	ng/ul	99
47) Acenaphthylene	14.02	152	1481828	19.84	ng/ul	100
48) 3-Nitroaniline	14.21	138	253063	22.13	ng/ul	98
49) Acenaphthene	14.36	153	932867	19.67	ng/ul	97
50) 2,4-Dinitrophenol	14.42	184	107815	15.47	ng/ul	95
52) 4-Nitrophenol	14.53	109	184030	16.81	ng/ul	93
53) Dibenzofuran	14.70	168	1338990	19.78	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	330674	18.70	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.93	232	275908	18.11	ng/ul	98
56) Diethylphthalate	15.13	149	1140654	18.92	ng/ul	98
58) Fluorene	15.35	166	1022265	18.83	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.34	204	499988	18.76	ng/ul	98
60) 4-Nitroaniline	15.37	138	265019	19.65	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.44	198	176336	18.98	ng/ul	100
64) N-Nitrosodiphenylamine	15.56	169	929452	20.84	ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	331366	20.05	ng/ul	98
66) Hexachlorobenzene	16.35	284	356688	19.55	ng/ul	97
67) Atrazine	16.52	200	326474	19.82	ng/ul	100
68) Pentachlorophenol	16.70	266	176341	18.19	ng/ul	97
69) Phenanthrene	17.09	178	1620027	19.68	ng/ul	99
71) Anthracene	17.18	178	1657768	19.49	ng/ul	100
72) Carbazole	17.45	167	1447781	20.31	ng/ul	100
73) Di-n-butylphthalate	18.02	149	1846628	18.85	ng/ul	99
74) Fluoranthene	19.11	202	1749864	19.10	ng/ul	98
77) Pyrene	19.47	202	1778273	22.96	ng/ul	98
78) Butylbenzylphthalate	20.38	149	737813	20.85	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.16	252	485896	21.28	ng/ul	99
80) Benzo(a)anthracene	21.23	228	1491585	19.69	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.16	149	974895	20.54	ng/ul	99
82) Chrysene	21.28	228	1364611	19.73	ng/ul	100
84) Di-n-octyl phthalate	22.03	149	1649283	24.32	ng/ul	98
85) Benzo(b)fluoranthene	22.79	252	1386177	20.50	ng/ul	99
86) Benzo(k)fluoranthene	22.83	252	1372743	21.82	ng/ul	98
88) Benzo(a)pyrene	23.36	252	1341181	20.50	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.67	276	1493996	19.96	ng/ul	98
90) Dibenzo(a,h)anthracene	25.69	278	1246024	20.19	ng/ul	98
91) Benzo(g,h,i)perylene	26.35	276	1291022	19.99	ng/ul	97

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

Instrument :
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[illegible]



#2

1,4-Dioxane

Concen: 7.87 ng/uL

RT: 3.19 min Scan# 103

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampled :

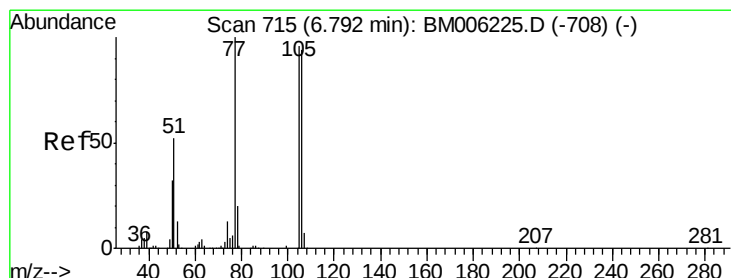
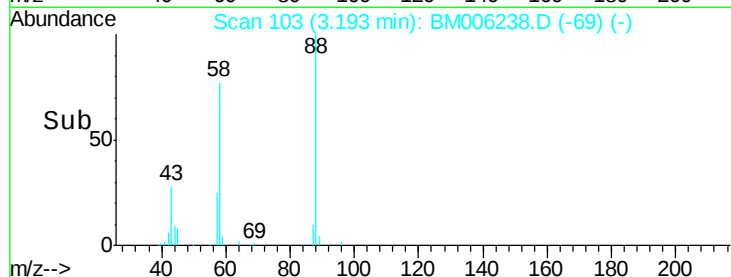
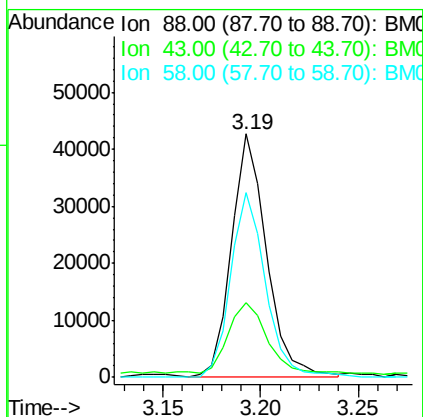
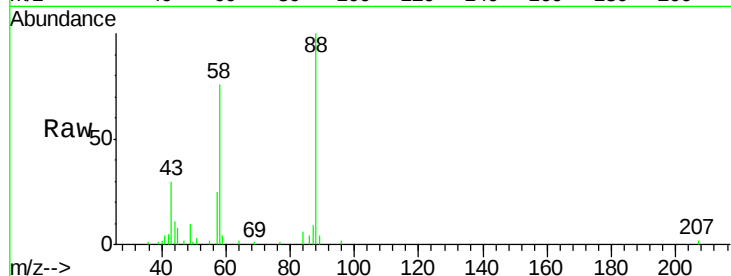
Tot Ion: 88 Resp: 53493

Ion Ratio Lower Upper

88 100

43 30.5 0.8 1.2#

58 75.3 0.0 0.0#



#4

Benzaldehyde

Concen: 22.83 ng/uL

RT: 6.79 min Scan# 715

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

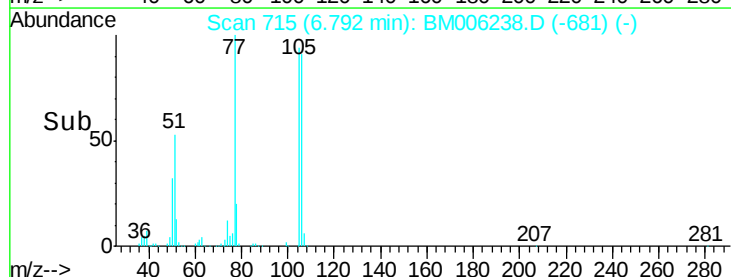
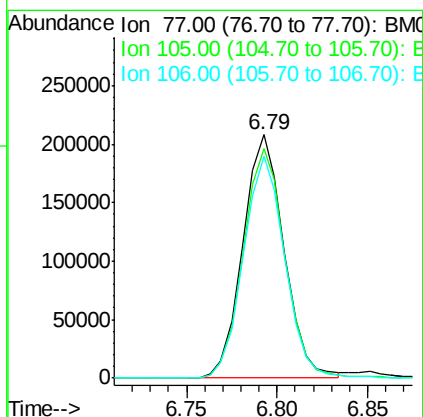
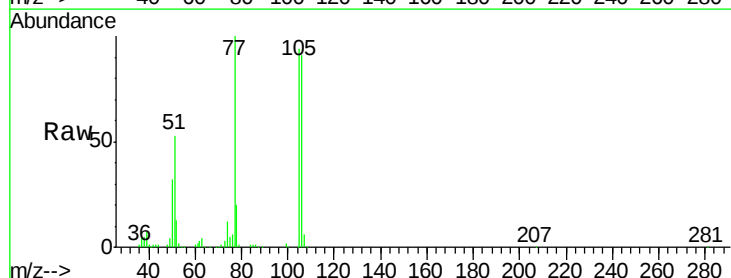
Tgt Ion: 77 Resp: 328277

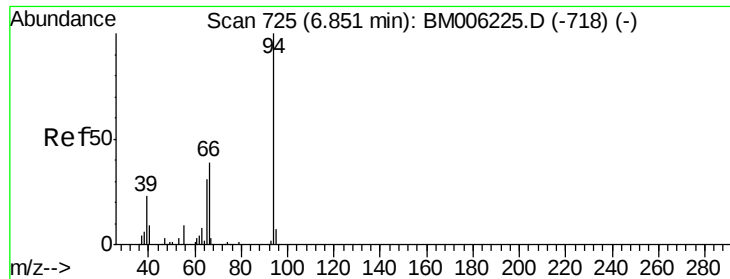
Ion Ratio Lower Upper

77 100

105 94.1 74.9 112.3

106 91.2 70.7 106.1





#6

Phenol

Concen: 19.85 ng/ul

RT: 6.85 min Scan# 725

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampled :

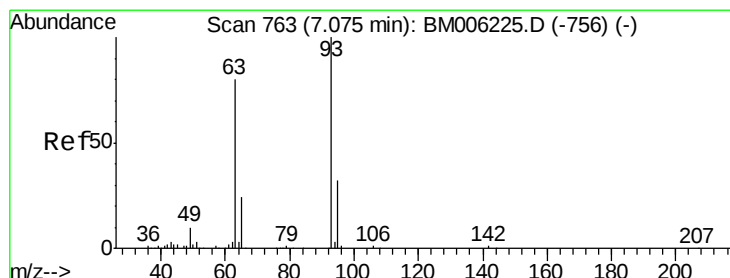
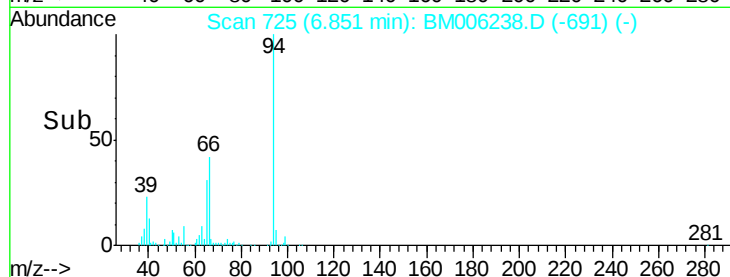
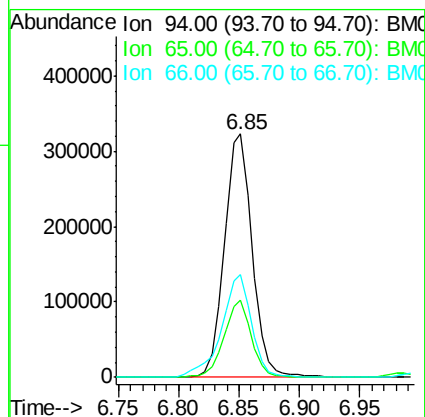
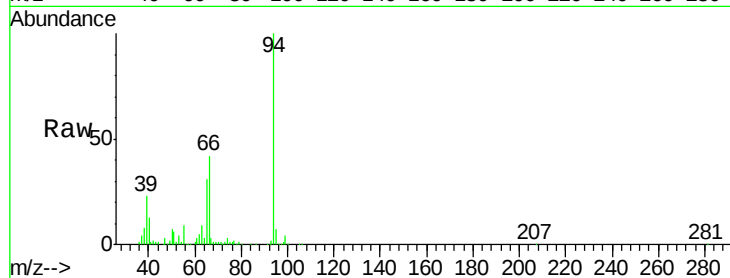
Tot Ion: 94 Resp: 512806

Ion Ratio Lower Upper

94 100

65 31.5 25.8 38.8

66 42.1 35.7 53.5



#8

Bis(2-Chloroethyl)ether

Concen: 21.12 ng/ul

RT: 7.07 min Scan# 763

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

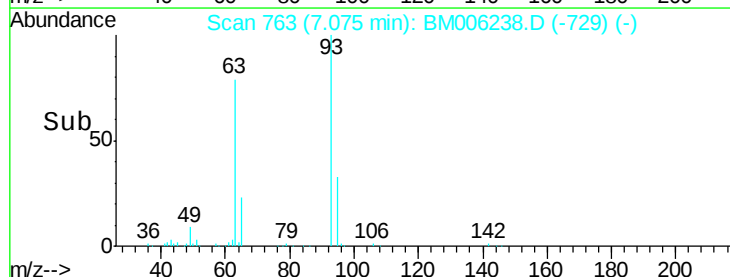
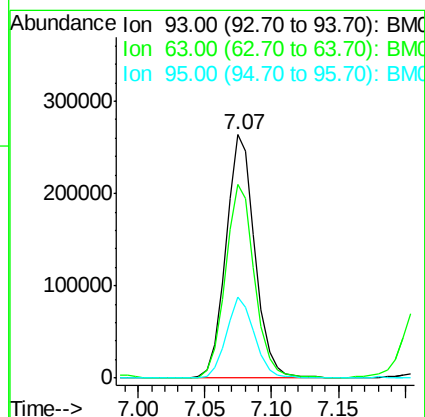
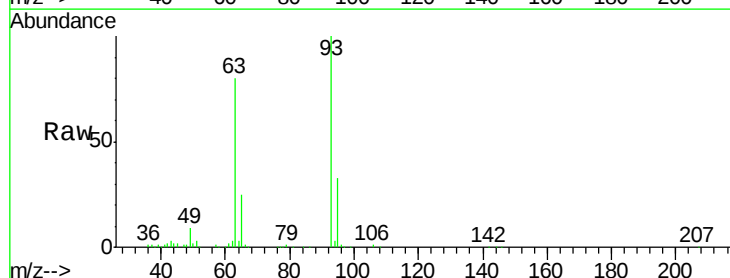
Tgt Ion: 93 Resp: 403038

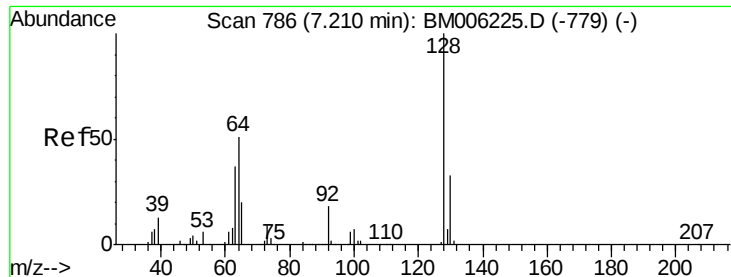
Ion Ratio Lower Upper

93 100

63 79.7 64.2 96.4

95 33.0 26.0 39.0

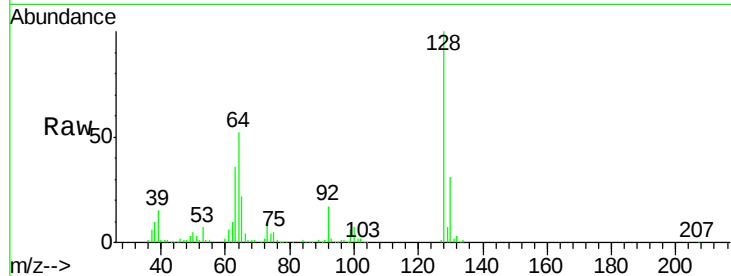




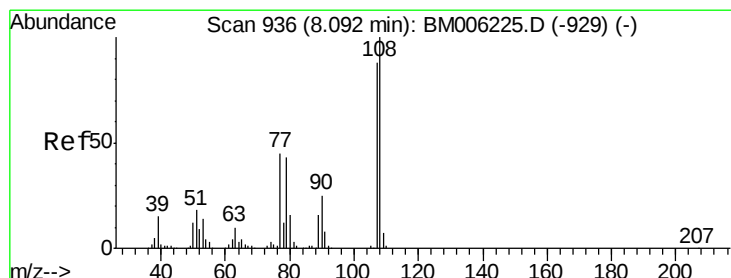
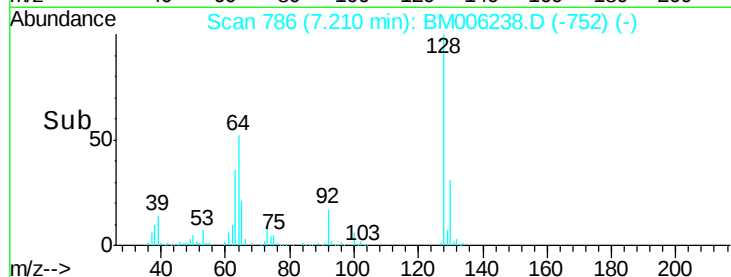
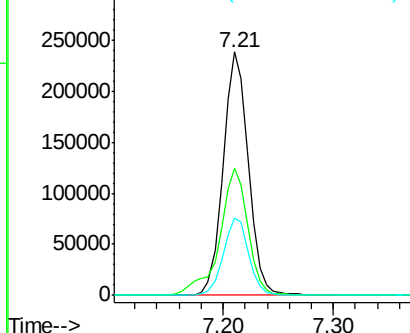
#10
2-Chlorophenol
Concen: 19.32 ng/ul
RT: 7.21 min Scan# 786
Delta R.T. -0.00 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 380486
Ion Ratio Lower Upper
128 100
64 52.3 42.6 63.8
130 31.5 25.6 38.4

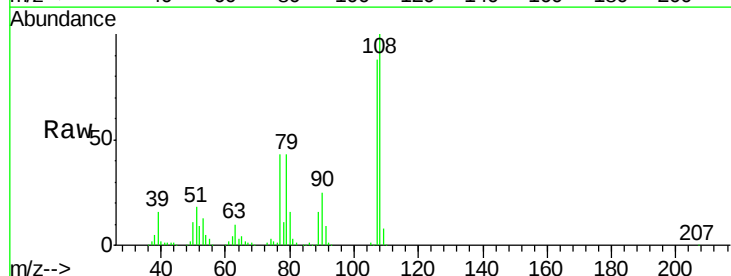


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM006238.D (-902) (-)
Ion 130.00 (129.70 to 130.70): E

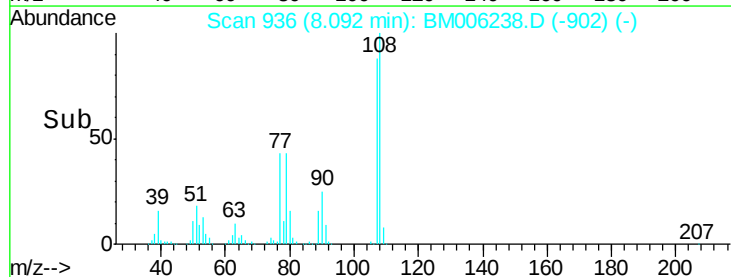
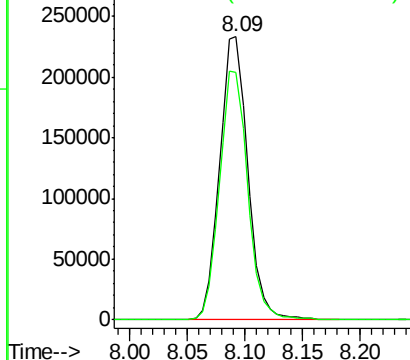


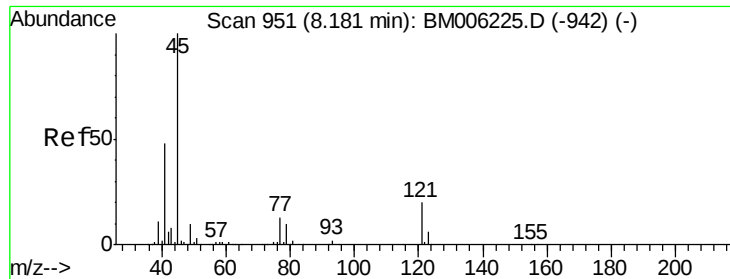
#11
2-Methylphenol
Concen: 20.01 ng/ul
RT: 8.09 min Scan# 936
Delta R.T. -0.00 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

Tgt Ion:108 Resp: 395997
Ion Ratio Lower Upper
108 100
107 87.5 71.0 106.6



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

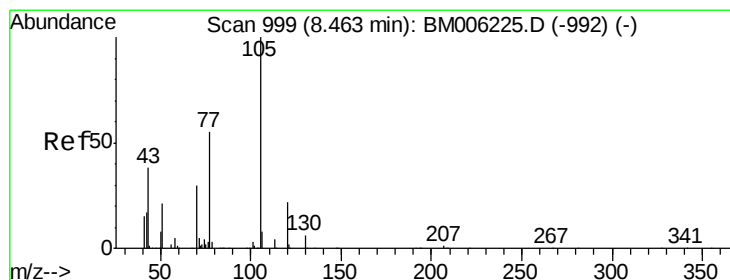
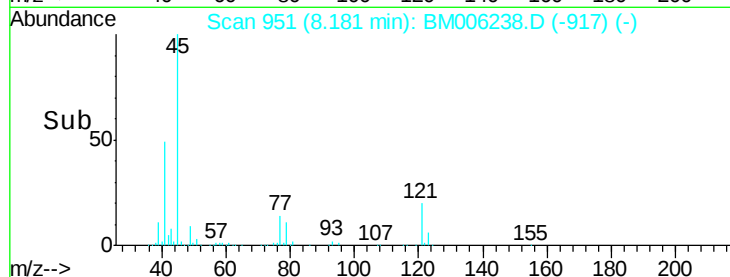
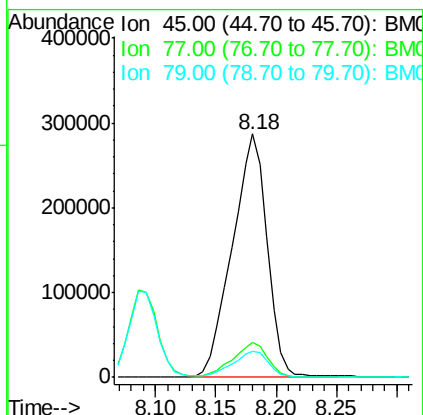
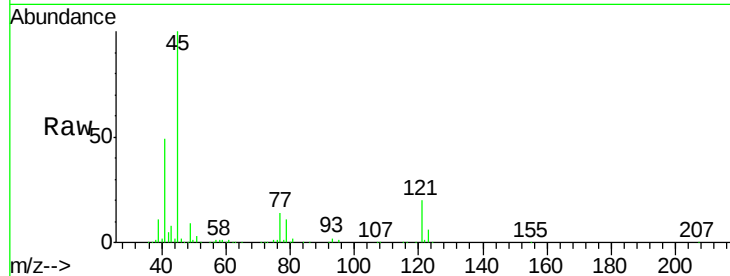




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.28 ng/ul
RT: 8.18 min Scan# 951
Delta R.T. -0.00 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

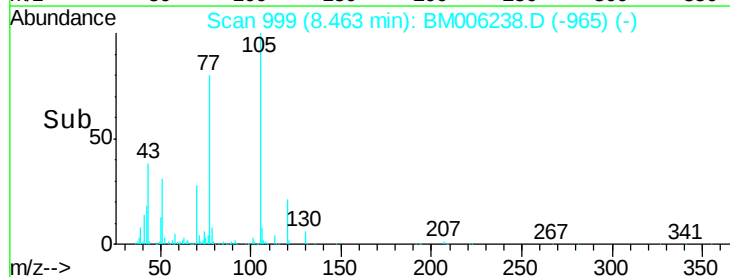
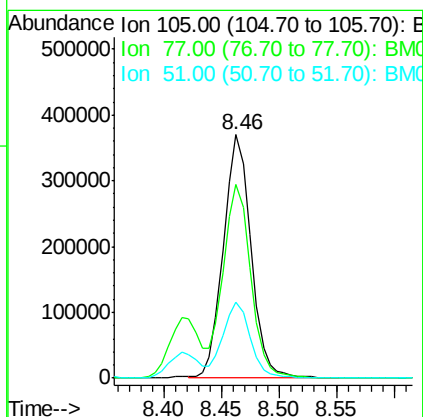
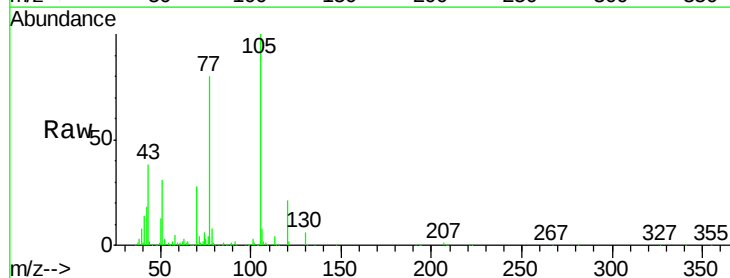
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BNA_M
ClientSampleId :

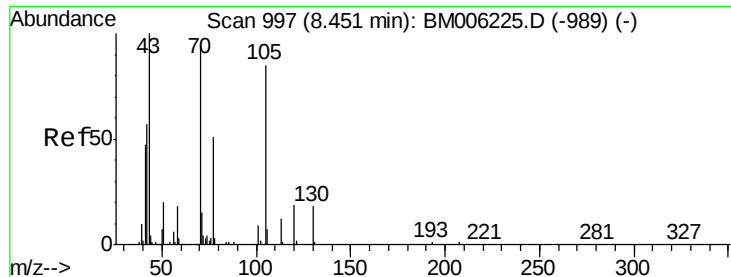
Tot Ion: 45 Resp: 577954
Ion Ratio Lower Upper
45 100
77 14.1 11.0 16.4
79 10.9 8.2 12.4



#14
Acetophenone
Concen: 20.04 ng/ul
RT: 8.46 min Scan# 999
Delta R.T. -0.00 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

Tgt Ion: 105 Resp: 614474
Ion Ratio Lower Upper
105 100
77 79.7 62.8 94.2
51 30.9 26.5 39.7





#15

N-Nitroso-di-n-propylamine

Concen: 19.36 ng/ul

RT: 8.45 min Scan# 997

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

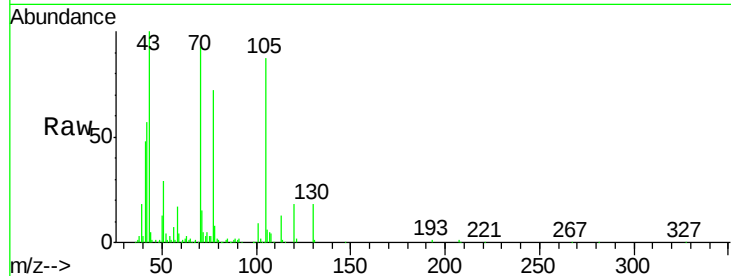
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 339017

Ion	Ratio	Lower	Upper
70	100		
42	61.4	50.6	75.8
101	9.2	7.9	11.9
130	19.3	15.8	23.6



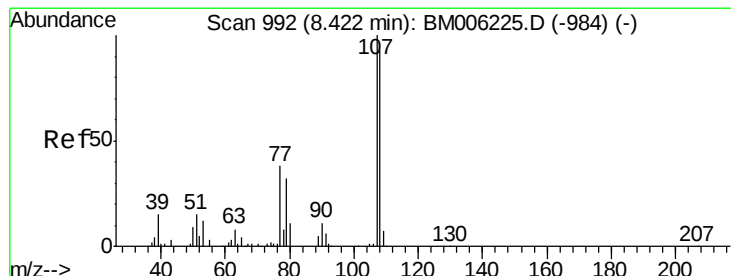
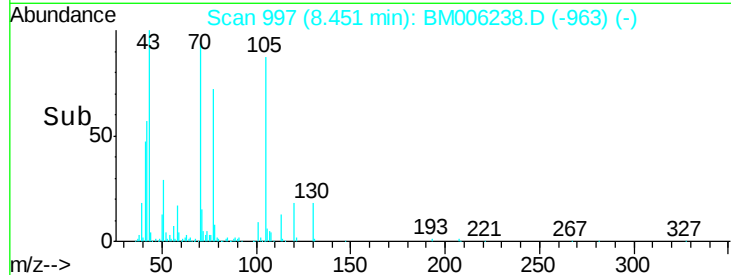
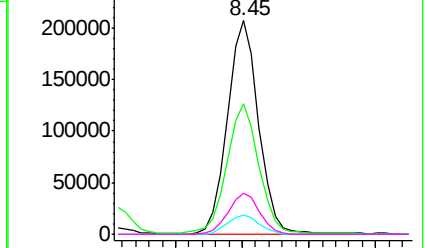
Abundance

Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 19.95 ng/ul

RT: 8.42 min Scan# 992

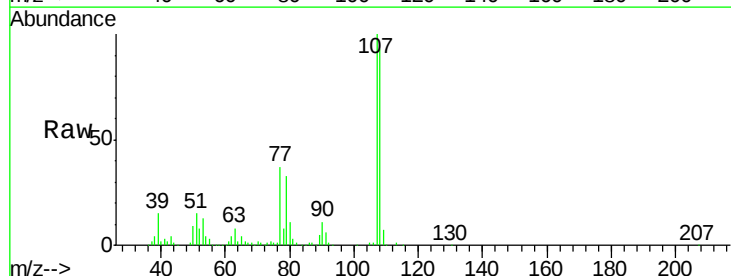
Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Tgt Ion: 108 Resp: 428420

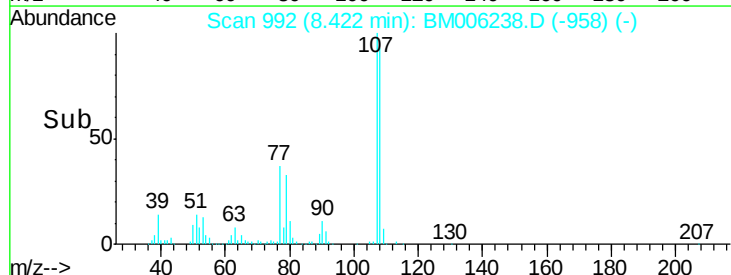
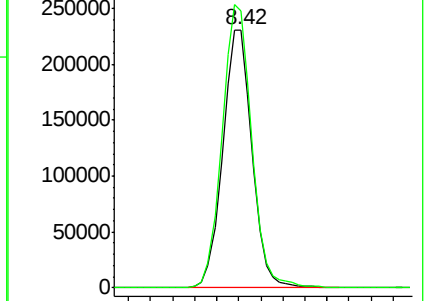
Ion	Ratio	Lower	Upper
108	100		
107	107.5	87.4	131.0

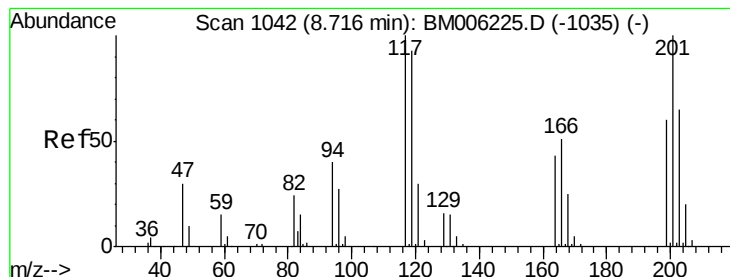


Abundance

Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 19.43 ng/ul

RT: 8.71 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampleId :

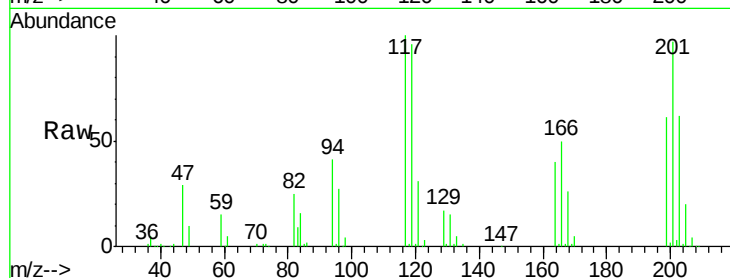
Tot Ion:117 Resp: 156692

Ion Ratio Lower Upper

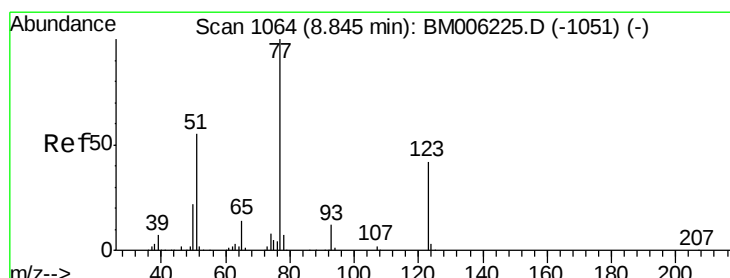
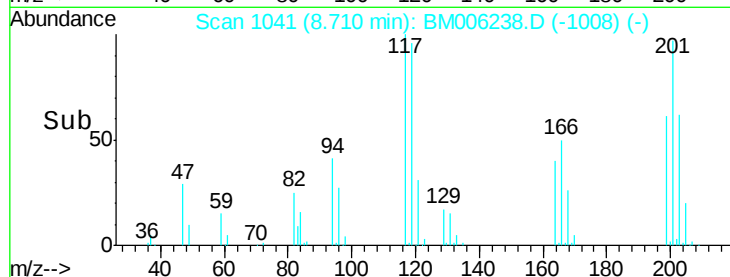
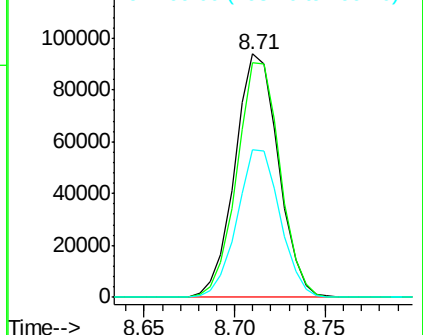
117 100

201 96.6 74.6 111.8

199 60.7 47.5 71.3



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: 19.35 ng/ul

RT: 8.84 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

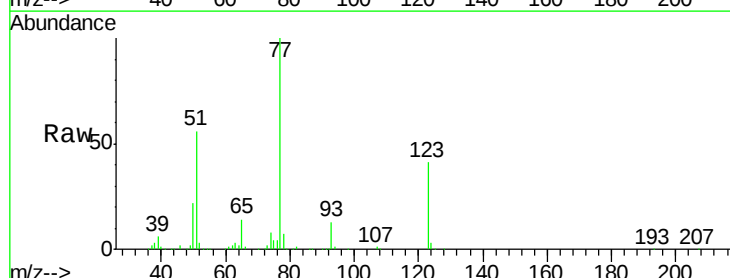
Tgt Ion: 77 Resp: 484394

Ion Ratio Lower Upper

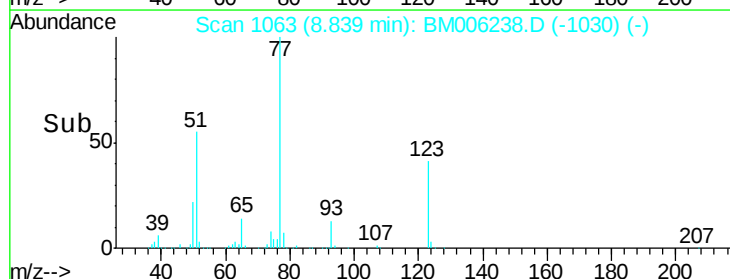
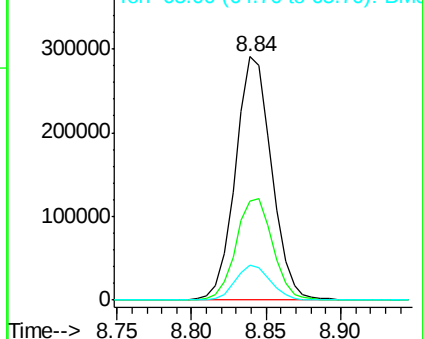
77 100

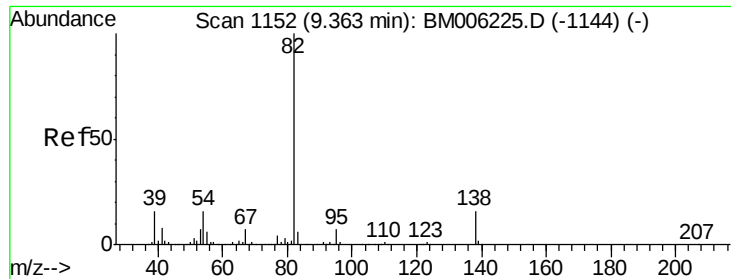
123 40.8 33.0 49.4

65 14.2 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 19.54 ng/ul

RT: 9.36 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampleId :

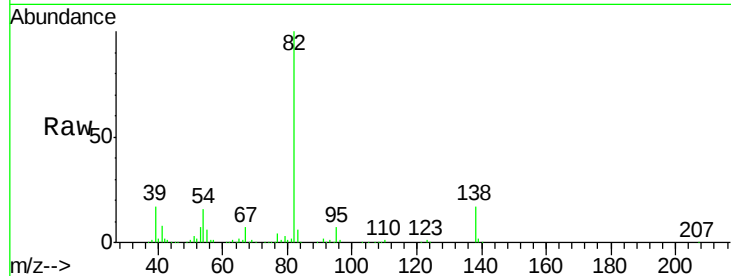
Tot Ion: 82 Resp: 932393

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

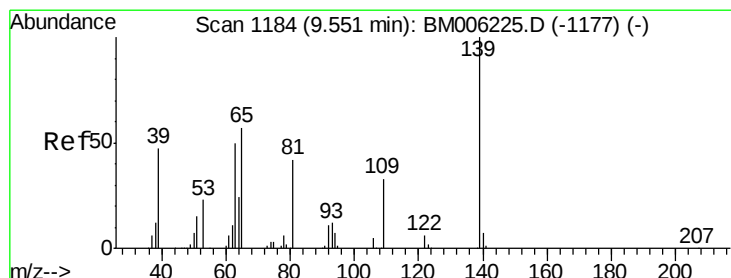
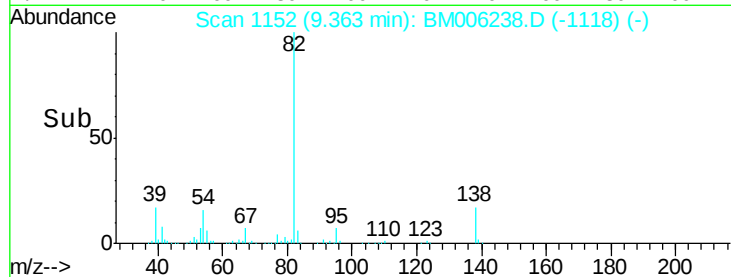
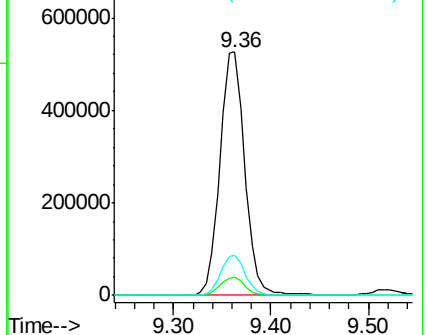
138 16.6 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BM006238.D (-1150) (-)

Ion 95.00 (94.70 to 95.70): BM006238.D (-1150) (-)

Ion 138.00 (137.70 to 138.70): BM006238.D (-1150) (-)



#23

2-Nitrophenol

Concen: 19.14 ng/ul

RT: 9.55 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

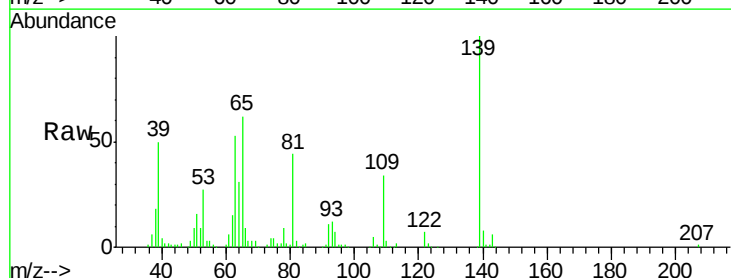
Tgt Ion: 139 Resp: 224981

Ion Ratio Lower Upper

139 100

65 61.5 47.2 70.8

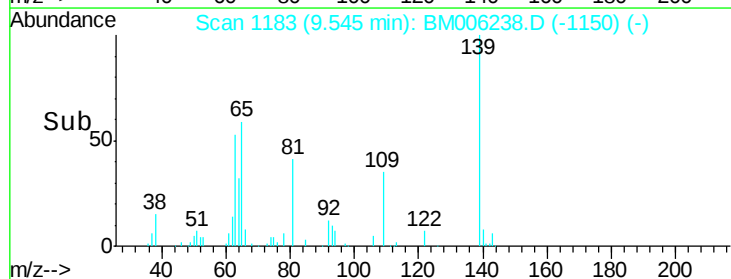
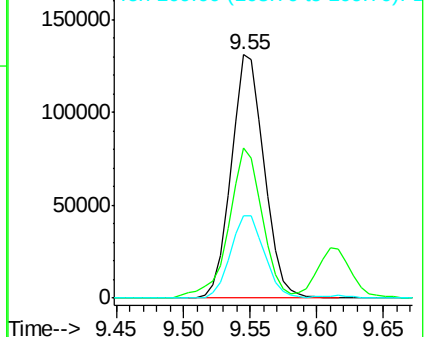
109 34.0 30.2 45.2

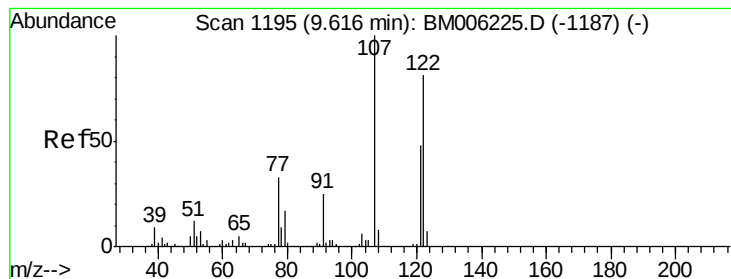


Abundance Ion 139.00 (138.70 to 139.70): BM006238.D (-1150) (-)

Ion 65.00 (64.70 to 65.70): BM006238.D (-1150) (-)

Ion 109.00 (108.70 to 109.70): BM006238.D (-1150) (-)





#24

2,4-Dimethylphenol

Concen: 19.19 ng/ul

RT: 9.62 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampleId :

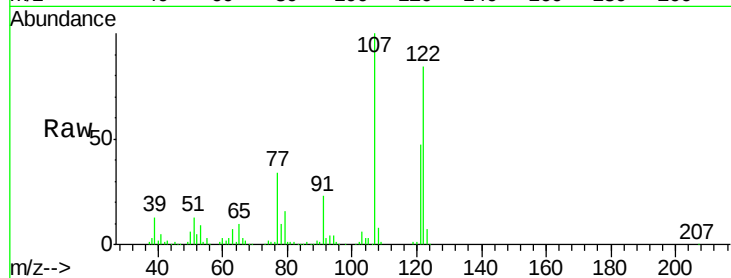
Tot Ion:107 Resp: 476797

Ion Ratio Lower Upper

107 100

121 47.0 39.2 58.8

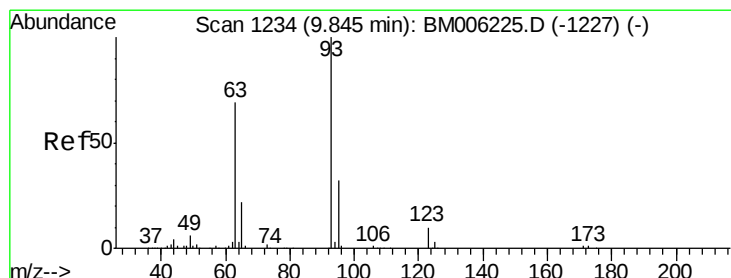
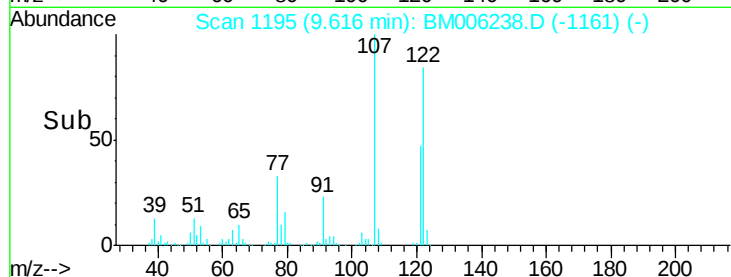
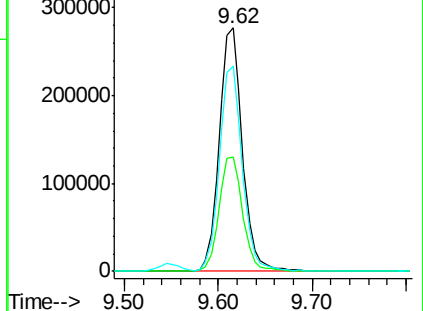
122 84.0 66.4 99.6



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: 20.09 ng/ul

RT: 9.85 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

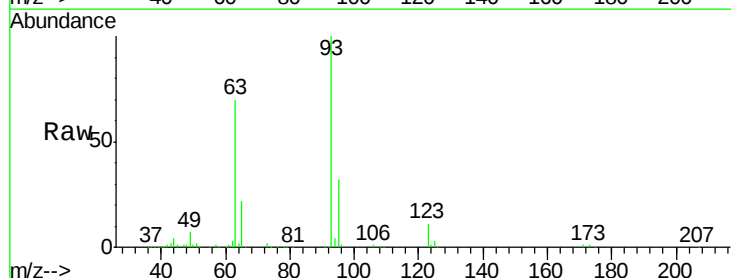
Tgt Ion: 93 Resp: 572833

Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.6

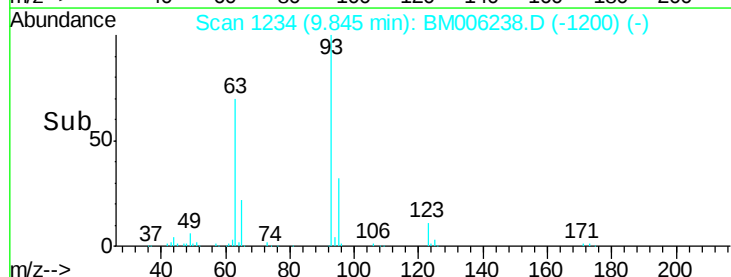
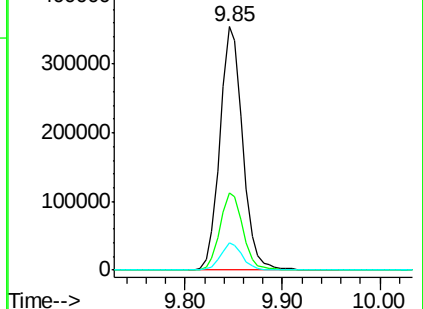
123 11.1 8.3 12.5

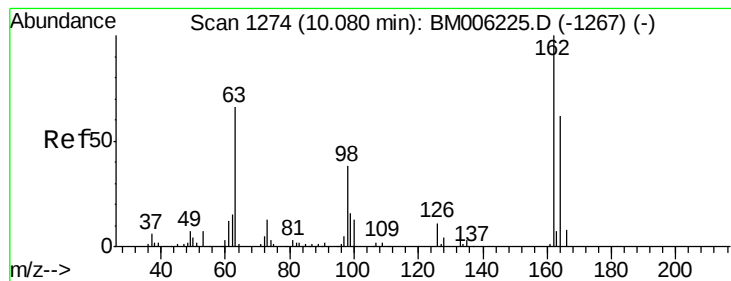


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.20 ng/ul

RT: 10.08 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampled :

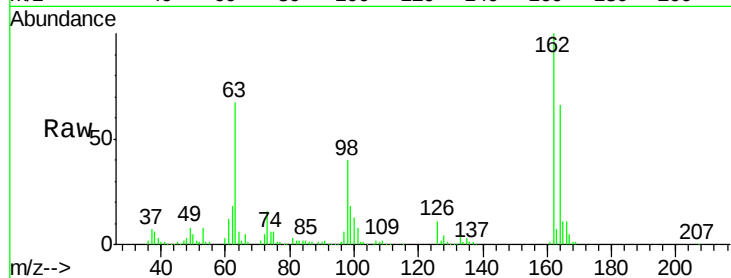
Tot Ion:162 Resp: 375609

Ion Ratio Lower Upper

162 100

164 66.4 51.6 77.4

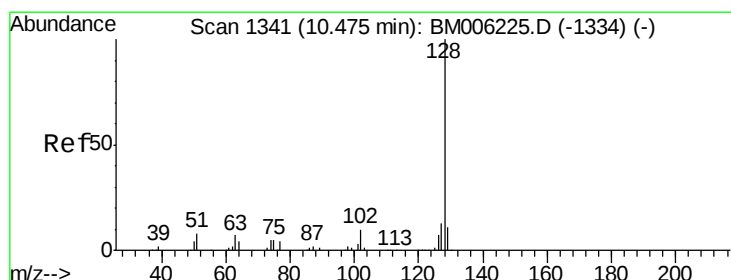
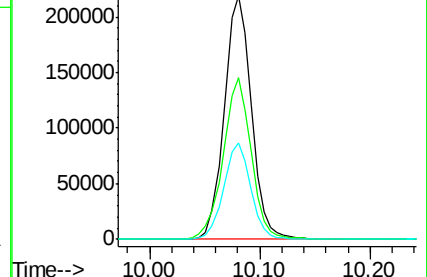
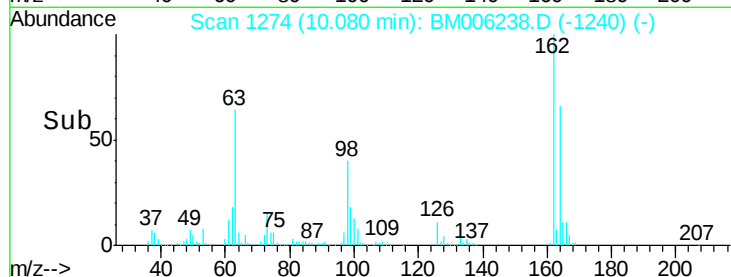
98 39.5 30.3 45.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 19.62 ng/ul

RT: 10.47 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

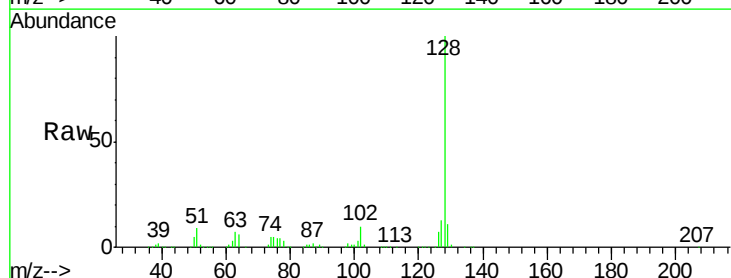
Tgt Ion:128 Resp: 1219757

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

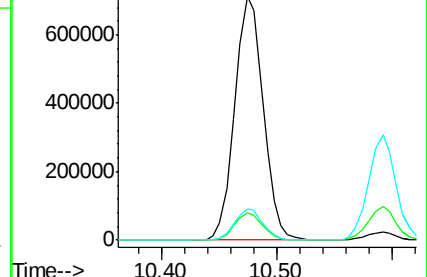
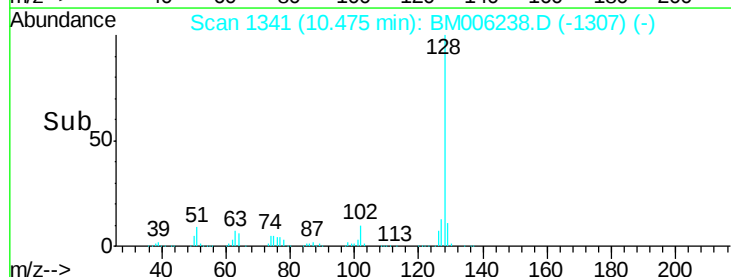
127 12.9 10.9 16.3

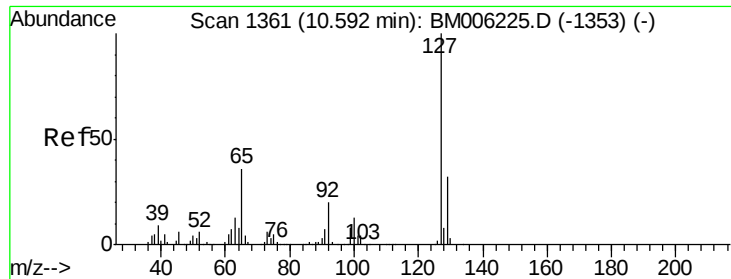


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

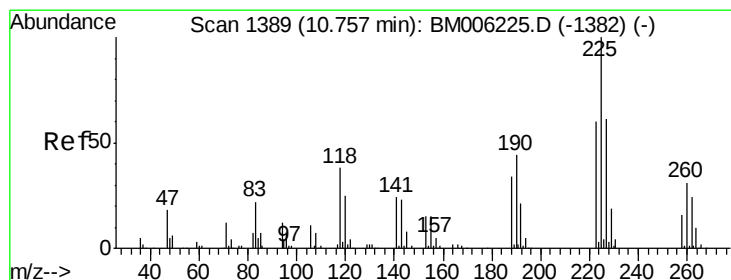
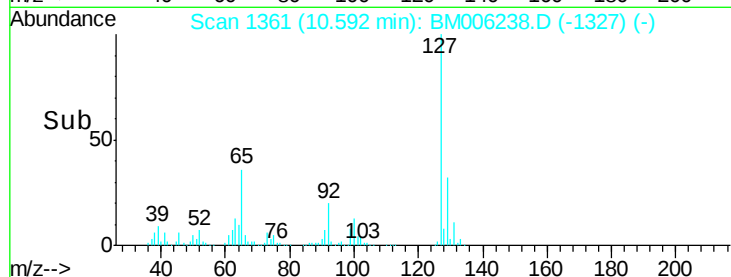
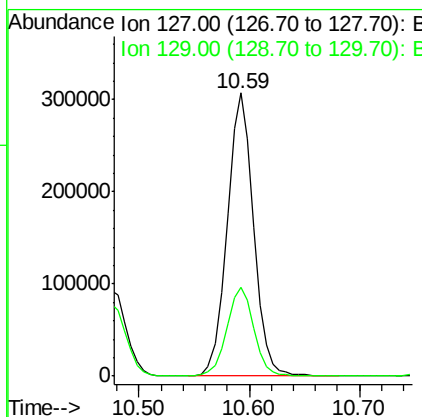
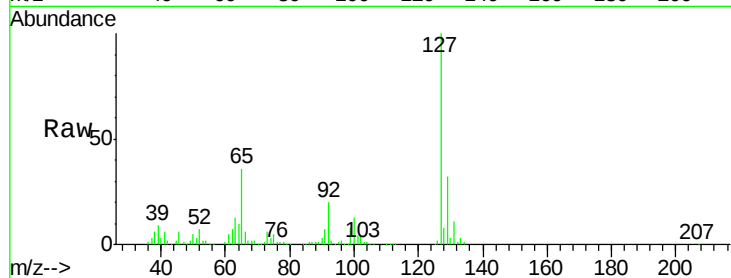




#30
4-Chloroaniline
Concen: 23.92 ng/ul
RT: 10.59 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

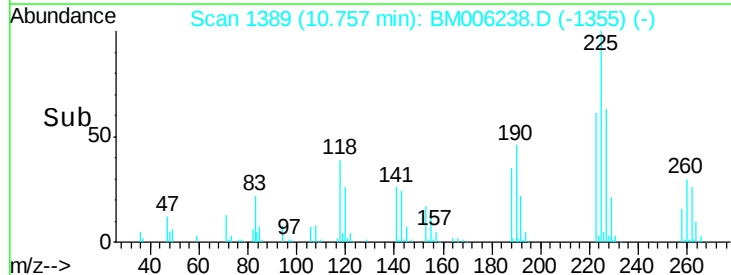
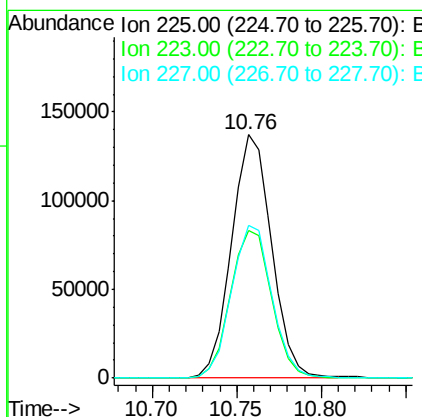
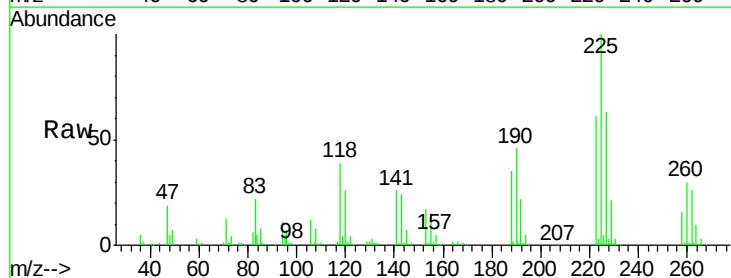
Instrument :
BNA_M
ClientSampleId :

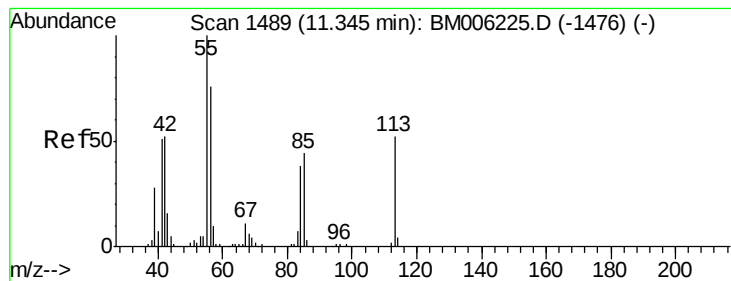
Tot Ion:127 Resp: 510796
Ion Ratio Lower Upper
127 100
129 31.5 24.6 37.0



#31
Hexachlorobutadiene
Concen: 18.56 ng/ul
RT: 10.76 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

Tgt Ion:225 Resp: 226988
Ion Ratio Lower Upper
225 100
223 60.8 49.4 74.2
227 62.7 49.9 74.9





#32

Caprolactam

Concen: 12.18 ng/ul

RT: 11.35 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampled :

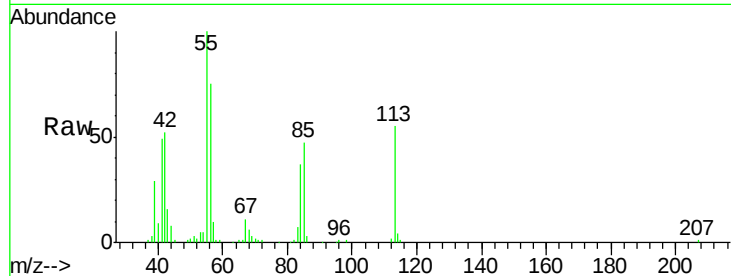
Tot Ion:113 Resp: 94361

Ion Ratio Lower Upper

113 100

55 183.4 155.8 233.8

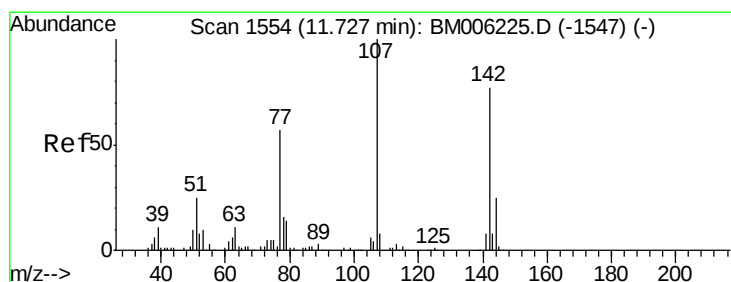
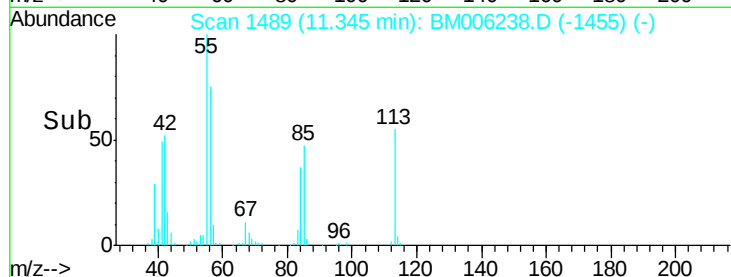
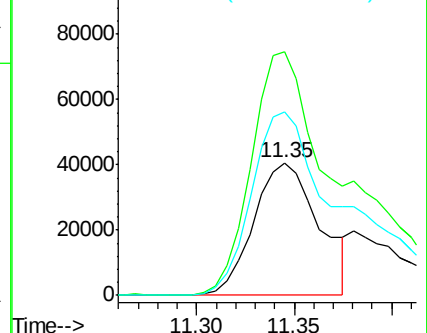
56 138.1 120.5 180.7



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: 18.70 ng/ul

RT: 11.73 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

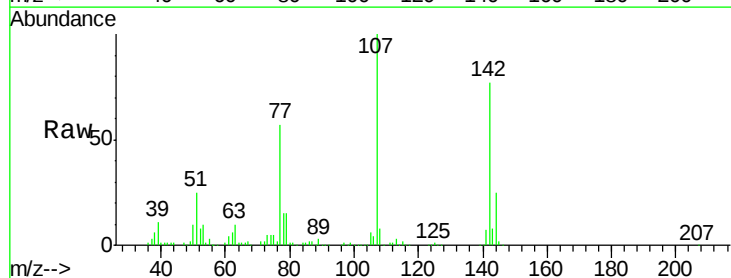
Tgt Ion:107 Resp: 446418

Ion Ratio Lower Upper

107 100

144 25.0 20.2 30.4

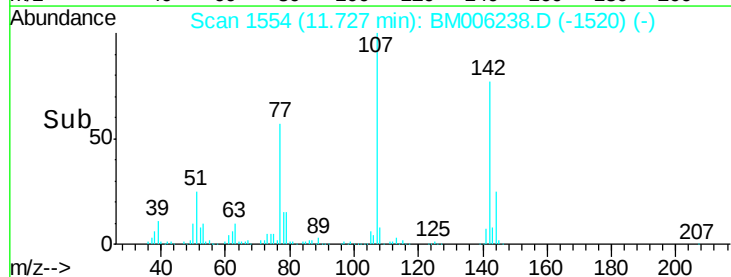
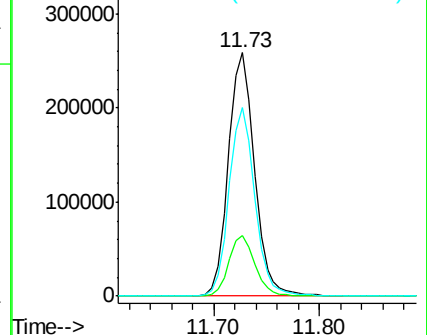
142 77.4 63.4 95.2

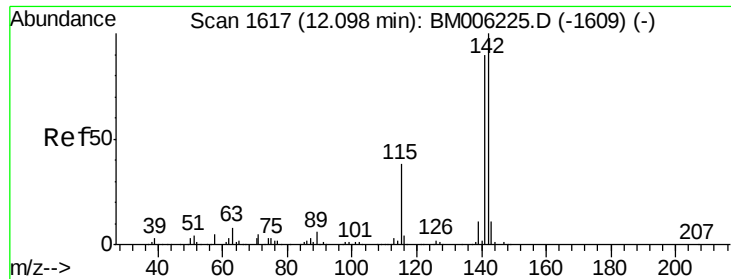


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

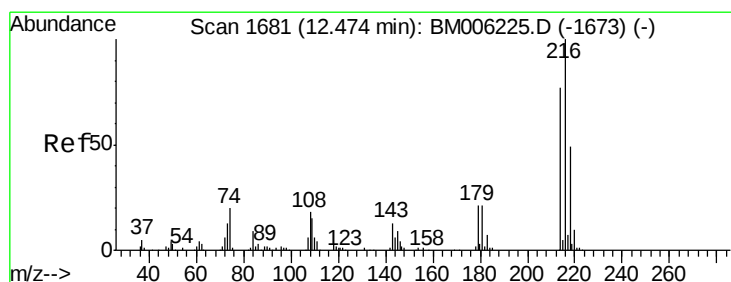
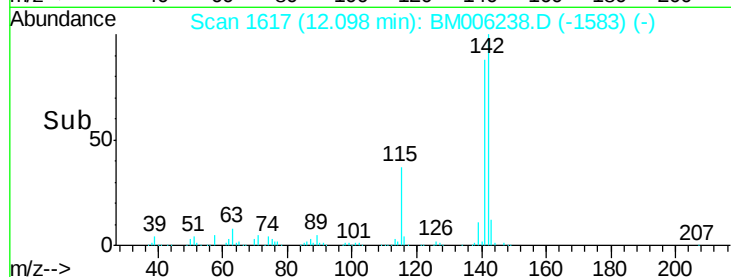
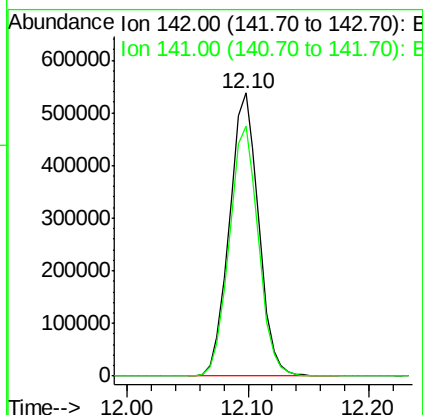
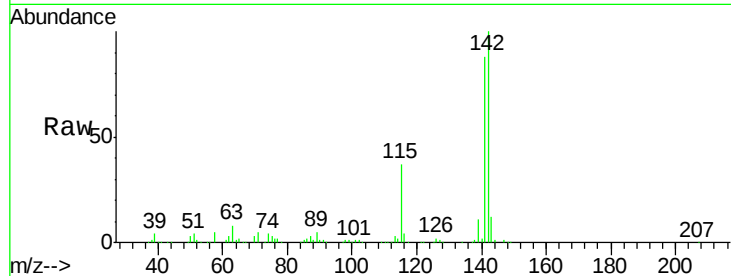




#34
 2-Methylnaphthalene
 Concen: 19.22 ng/ul
 RT: 12.10 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BM006238.D
 Acq: 03 Jul 2016 17:23

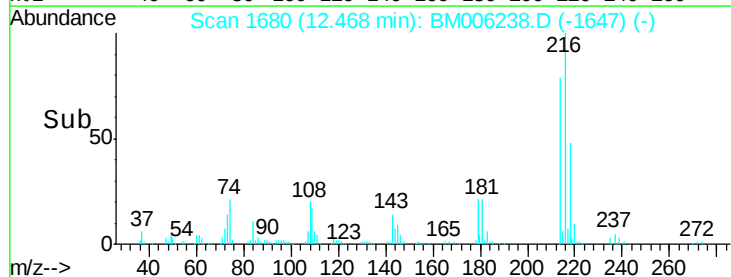
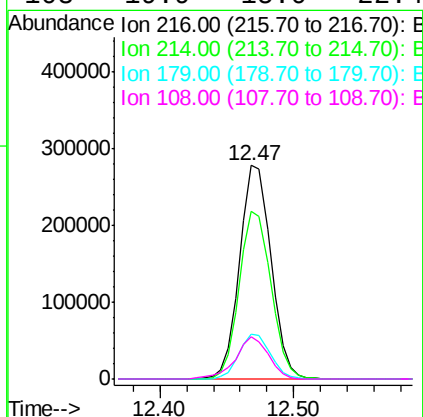
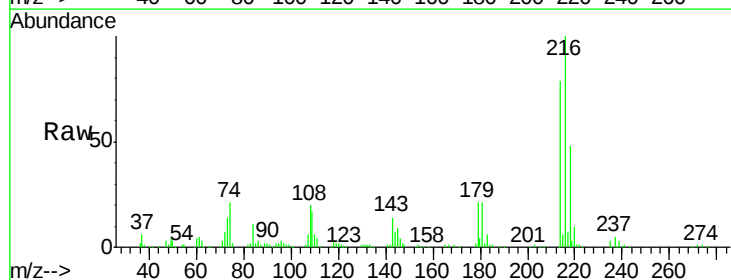
Instrument :
 BNA_M
 ClientSampleId :

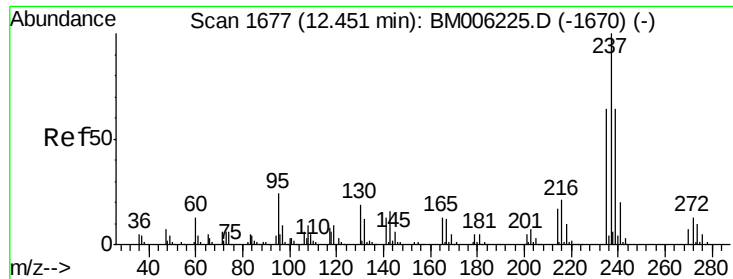
Tot Ion:142 Resp: 906622
 Ion Ratio Lower Upper
 142 100
 141 88.2 69.0 103.4



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.85 ng/ul
 RT: 12.47 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM006238.D
 Acq: 03 Jul 2016 17:23

Tgt Ion:216 Resp: 454426
 Ion Ratio Lower Upper
 216 100
 214 78.8 62.4 93.6
 179 21.3 16.8 25.2
 108 19.9 15.0 22.4





#37

Hexachlorocyclopentadiene

Concen: 18.00 ng/ul

RT: 12.44 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampleId :

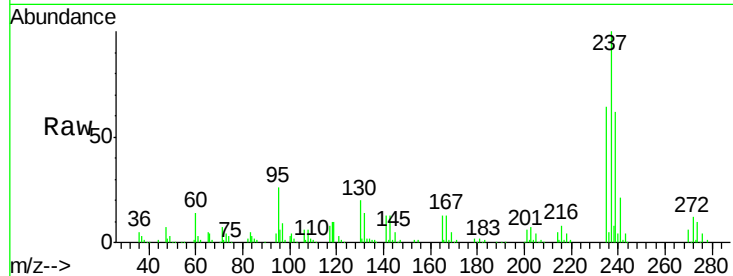
Tot Ion:237 Resp: 234267

Ion Ratio Lower Upper

237 100

235 64.3 49.2 73.8

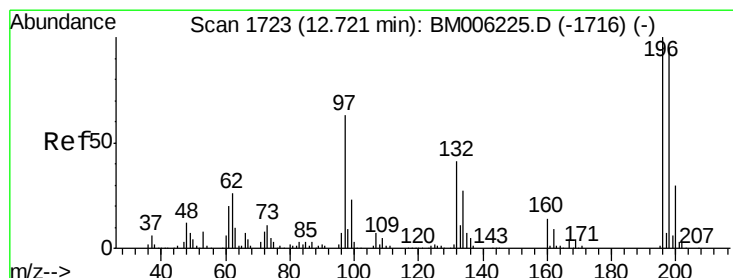
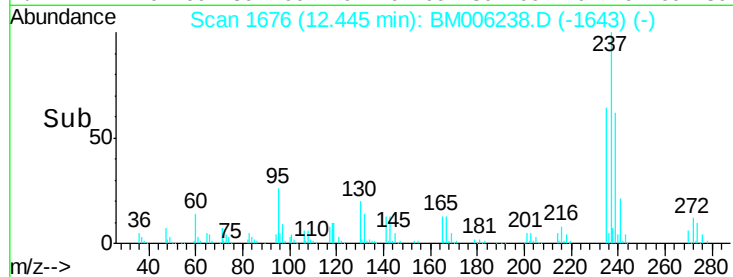
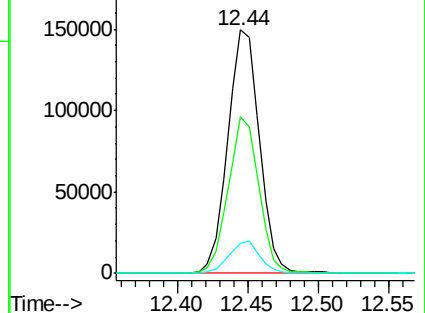
272 12.4 10.6 15.8



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: 19.39 ng/ul

RT: 12.72 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

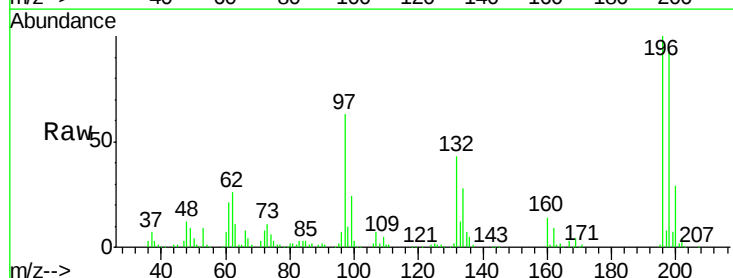
Tgt Ion:196 Resp: 313598

Ion Ratio Lower Upper

196 100

198 93.5 75.9 113.9

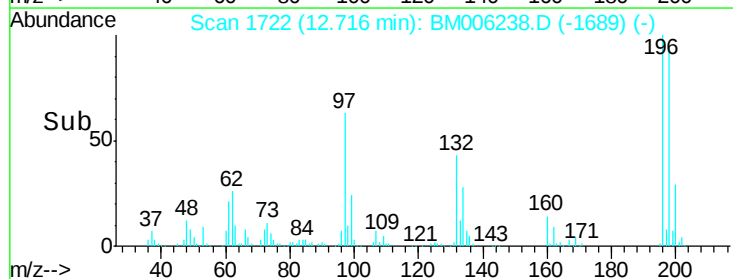
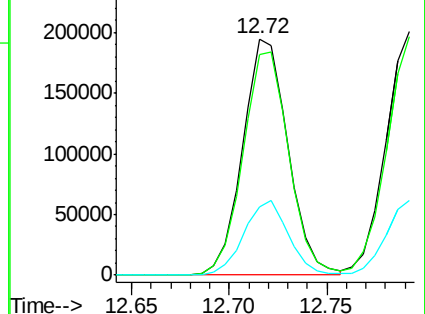
200 29.1 24.8 37.2

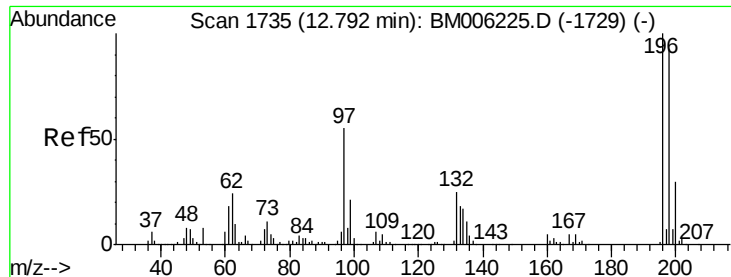


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

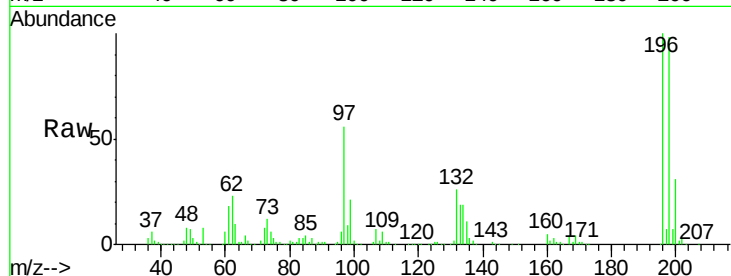




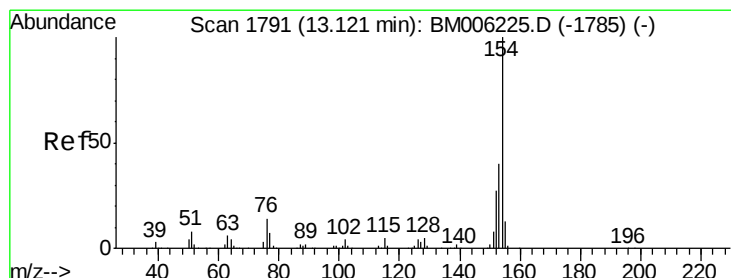
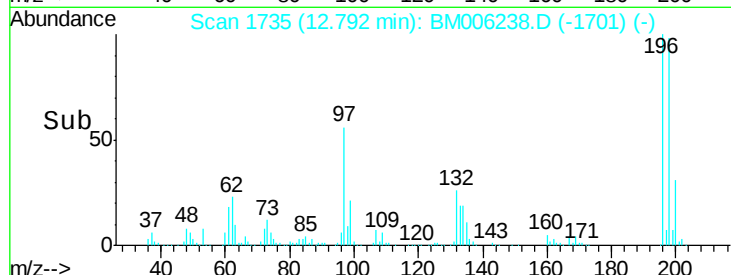
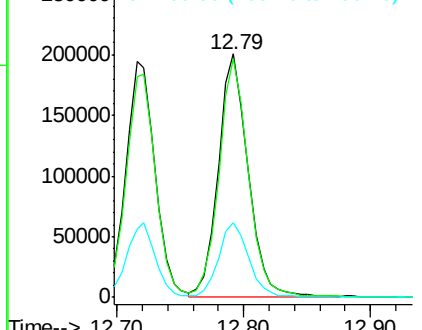
#39
 2,4,5-Trichlorophenol
 Concen: 19.25 ng/ul
 RT: 12.79 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BM006238.D
 Acq: 03 Jul 2016 17:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 325190
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.3 114.5
 200 30.8 23.8 35.8

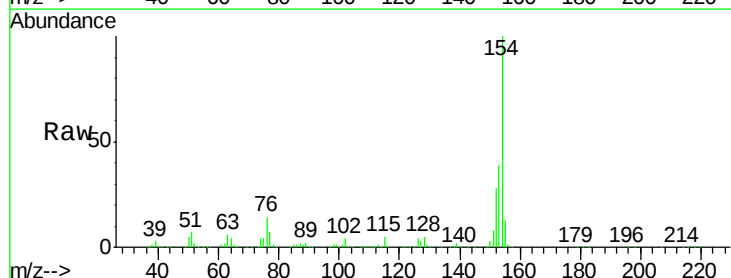


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

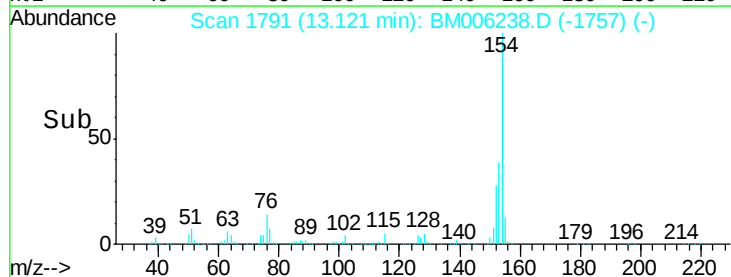
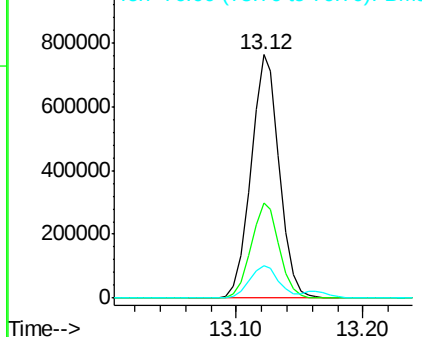


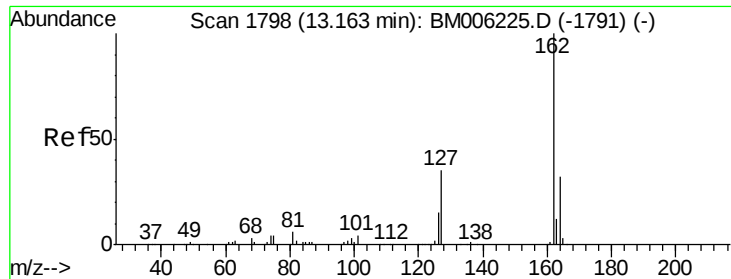
#40
 1,1'-Biphenyl
 Concen: 20.79 ng/ul
 RT: 13.12 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BM006238.D
 Acq: 03 Jul 2016 17:23

Tgt Ion:154 Resp: 1180229
 Ion Ratio Lower Upper
 154 100
 153 38.9 31.4 47.2
 76 13.5 10.4 15.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

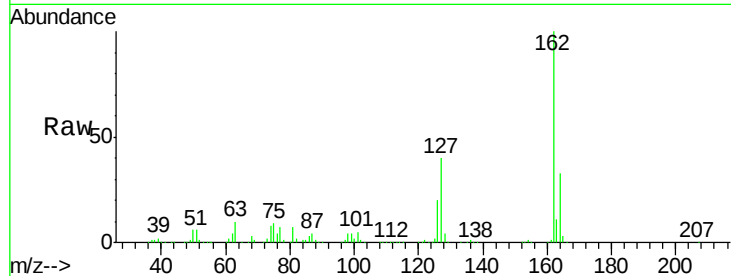




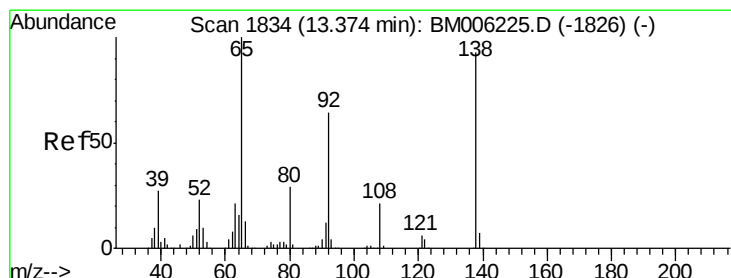
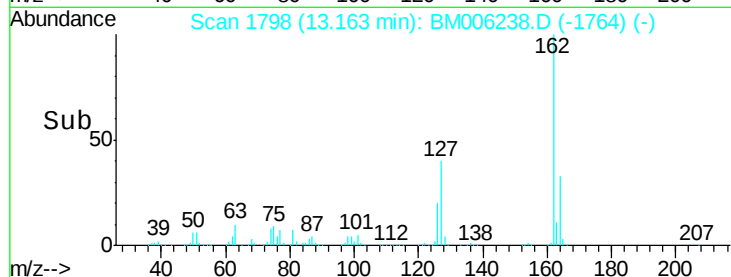
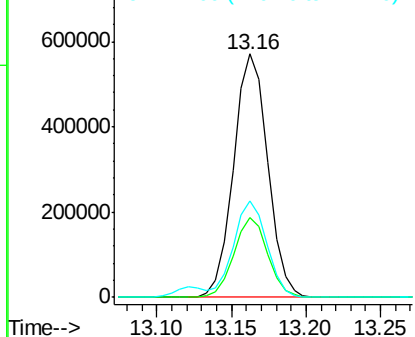
#41
 2-Chloronaphthalene
 Concen: 20.54 ng/ul
 RT: 13.16 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: BM006238.D
 Acq: 03 Jul 2016 17:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	32.8	26.3	39.5
127	39.7	32.1	48.1

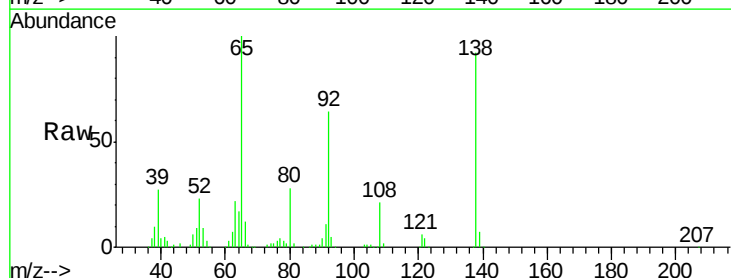


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

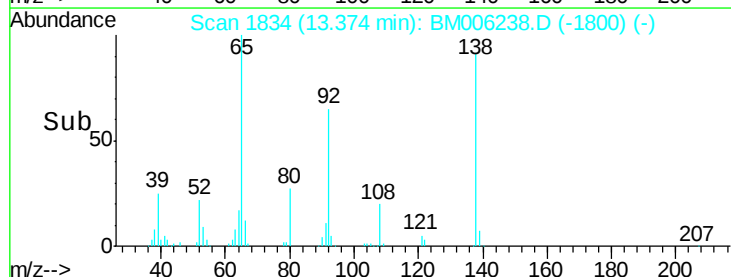
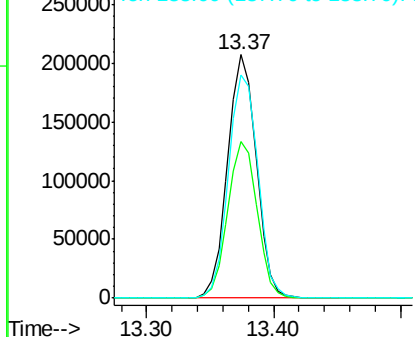


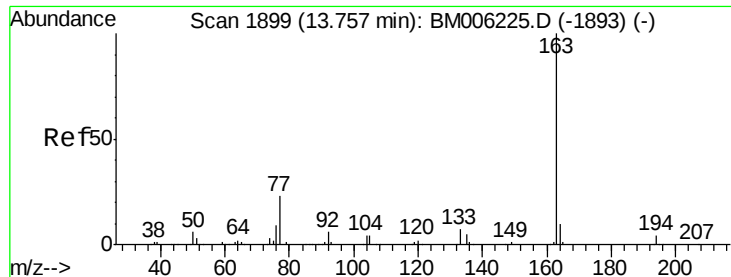
#42
 2-Nitroaniline
 Concen: 19.31 ng/ul
 RT: 13.37 min Scan# 1834
 Delta R.T. -0.00 min
 Lab File: BM006238.D
 Acq: 03 Jul 2016 17:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	49.2	73.8
138	91.7	71.5	107.3



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: 19.14 ng/ul

RT: 13.76 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampleId :

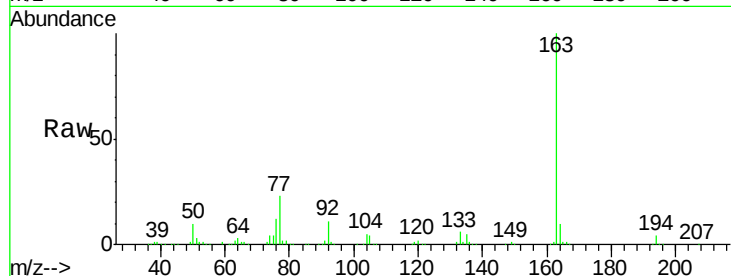
Tot Ion:163 Resp: 1105345

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

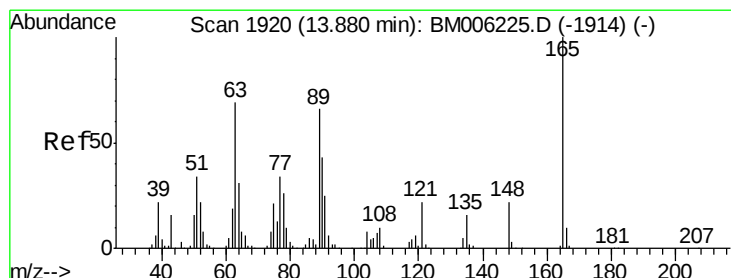
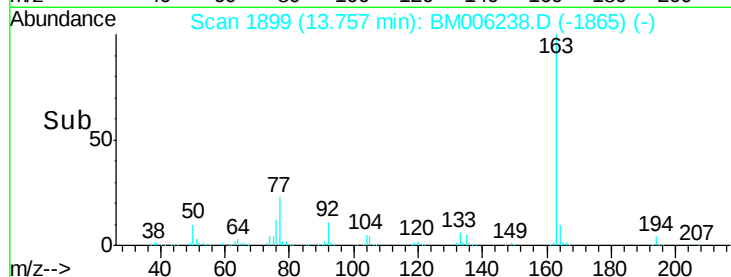
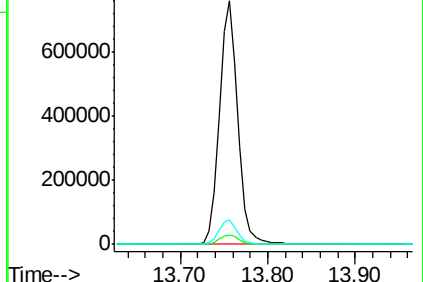
164 9.9 7.8 11.8



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: 19.10 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

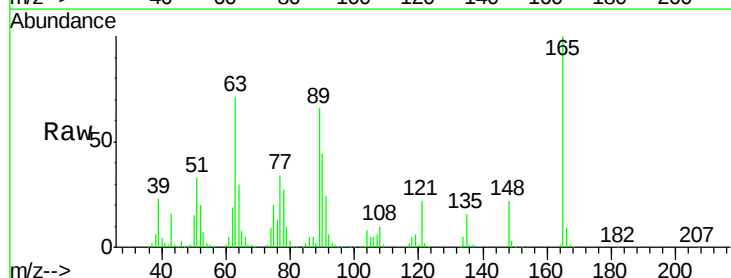
Tgt Ion:165 Resp: 239046

Ion Ratio Lower Upper

165 100

89 65.8 52.1 78.1

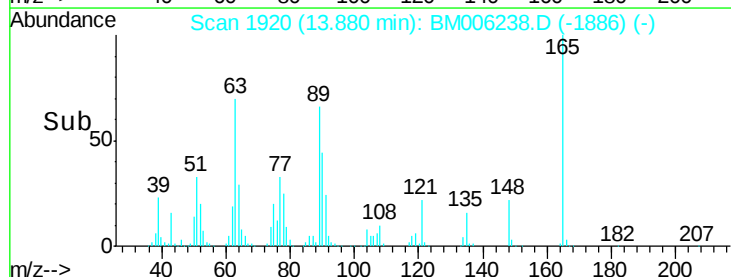
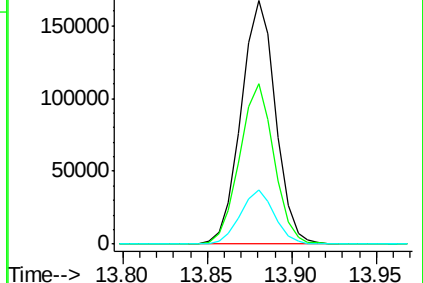
121 22.2 17.3 25.9

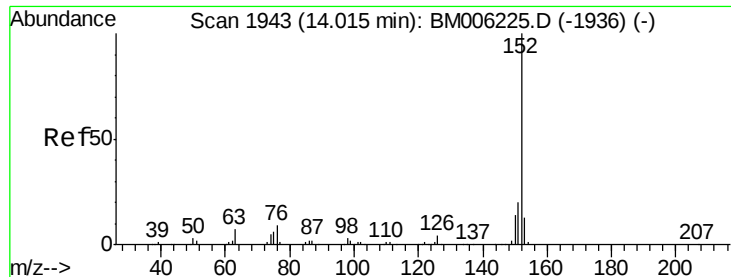


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

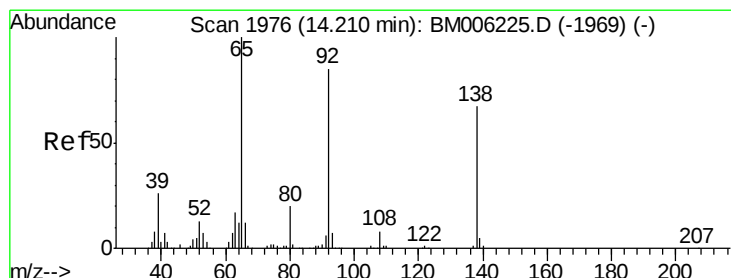
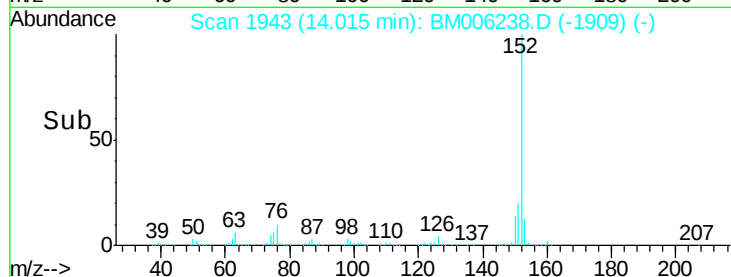
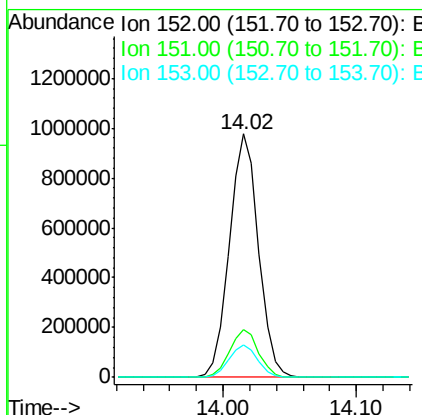
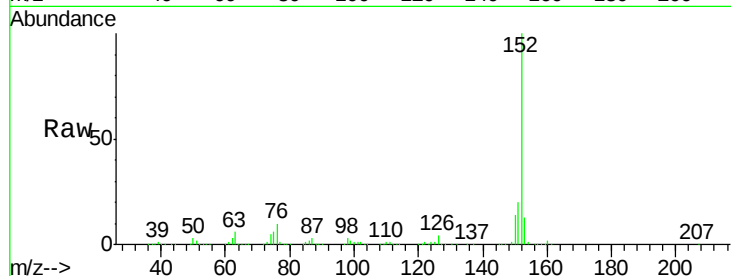




#47
Acenaphthylene
Concen: 19.84 ng/ul
RT: 14.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

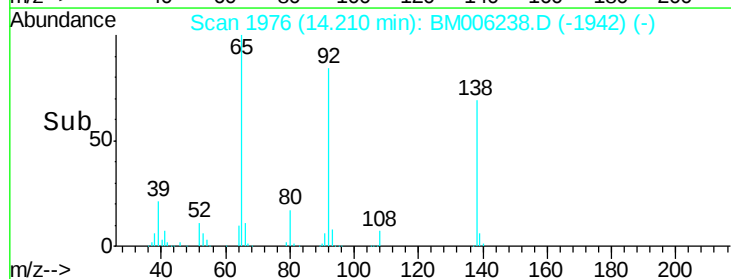
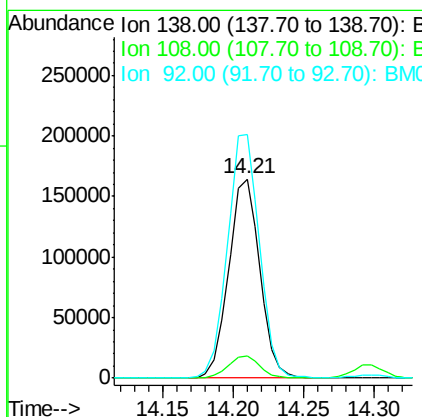
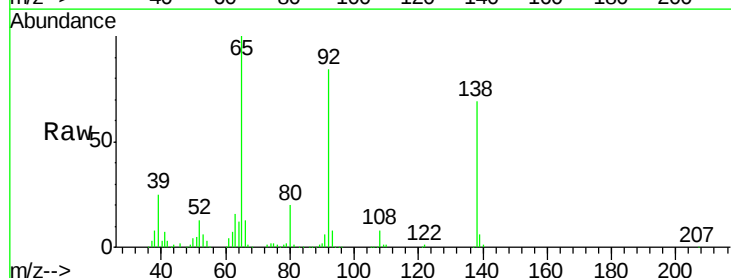
Instrument :
BNA_M
ClientSampleId :

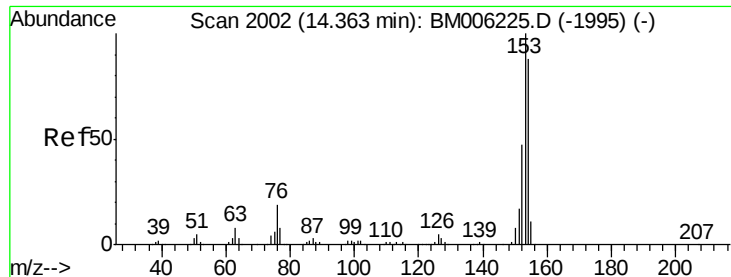
Tot Ion:152 Resp: 1481828
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.1 10.3 15.5



#48
3-Nitroaniline
Concen: 22.13 ng/ul
RT: 14.21 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

Tgt Ion:138 Resp: 253063
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 122.2 99.5 149.3





#49

Acenaphthene

Concen: 19.67 ng/ul

RT: 14.36 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampleId :

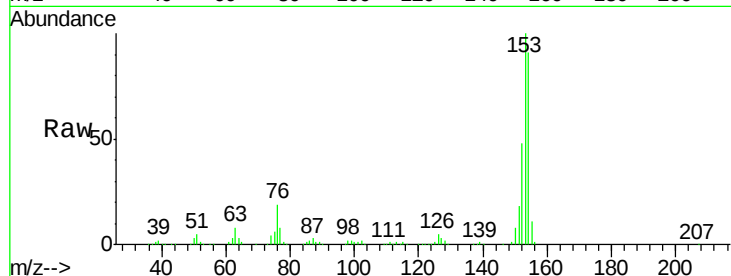
Tot Ion:153 Resp: 932867

Ion Ratio Lower Upper

153 100

152 48.0 37.7 56.5

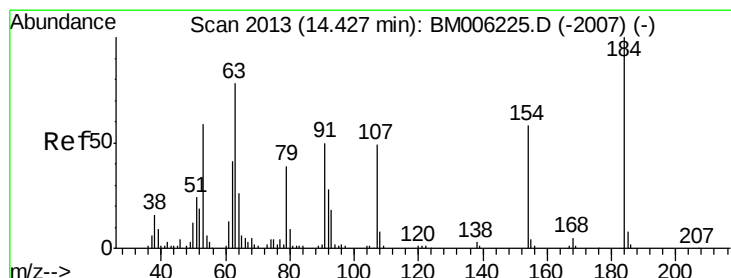
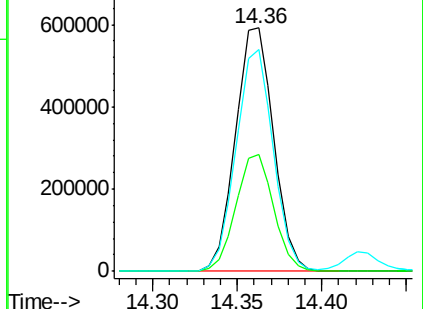
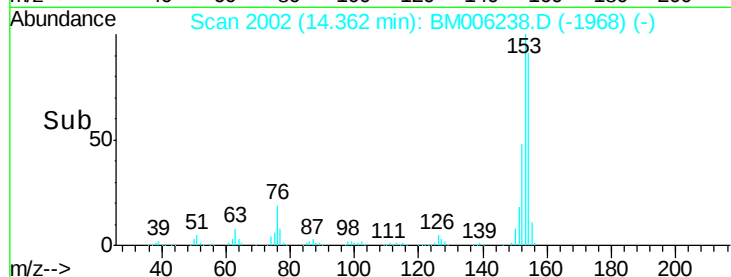
154 91.0 70.0 105.0



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: 15.47 ng/ul

RT: 14.42 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

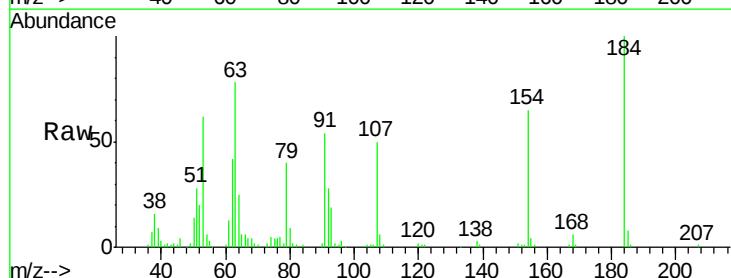
Tgt Ion:184 Resp: 107815

Ion Ratio Lower Upper

184 100

63 77.8 66.3 99.5

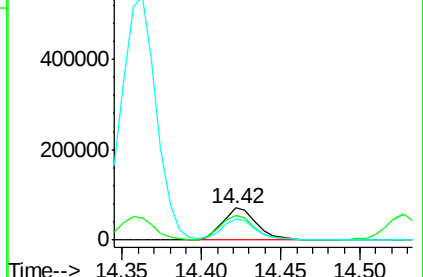
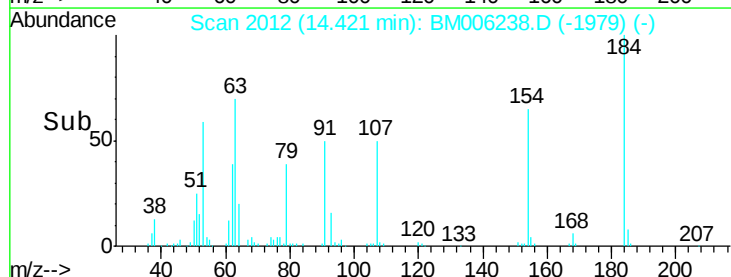
154 65.4 55.2 82.8

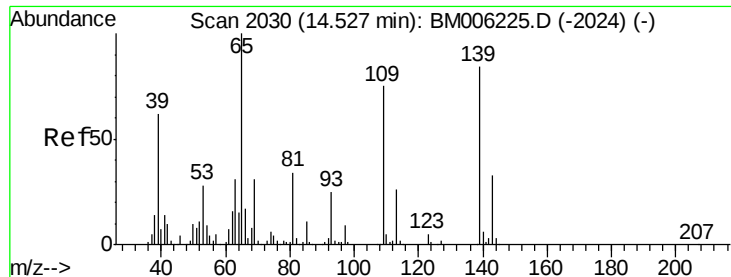


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

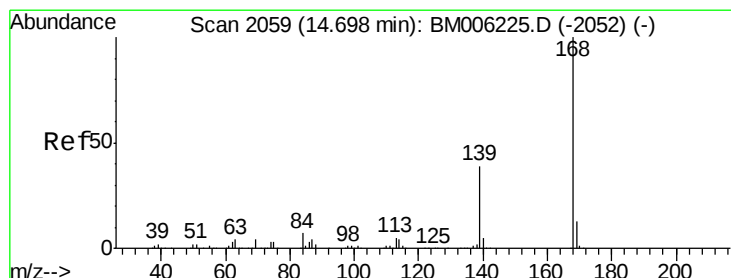
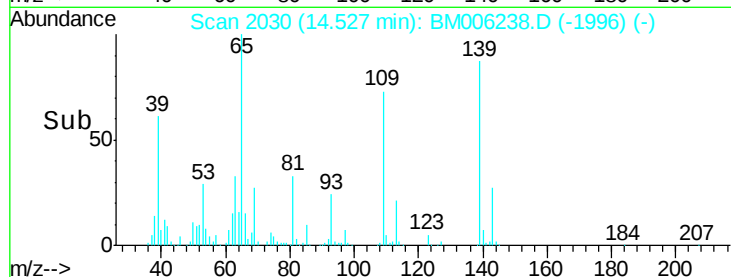
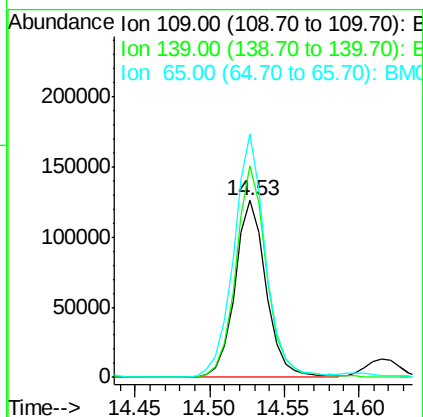
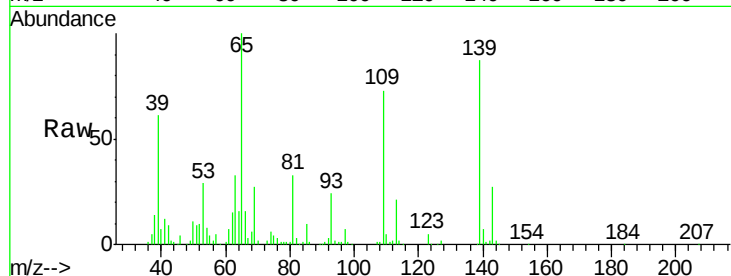




#52
4-Nitrophenol
Concen: 16.81 ng/ul
RT: 14.53 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

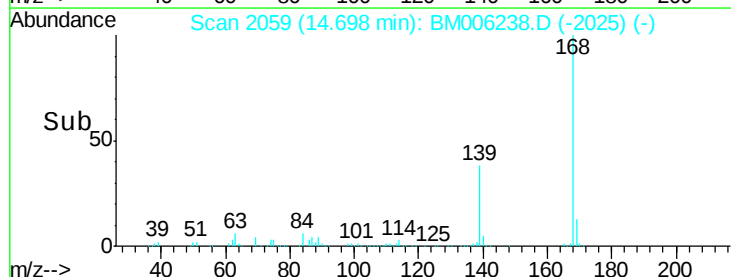
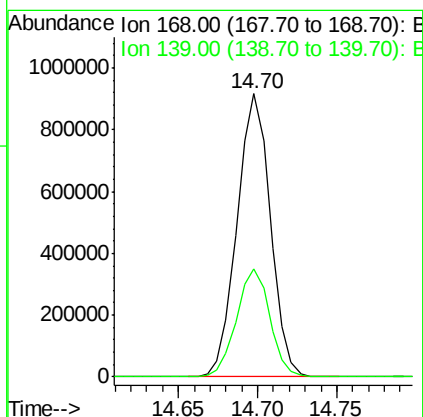
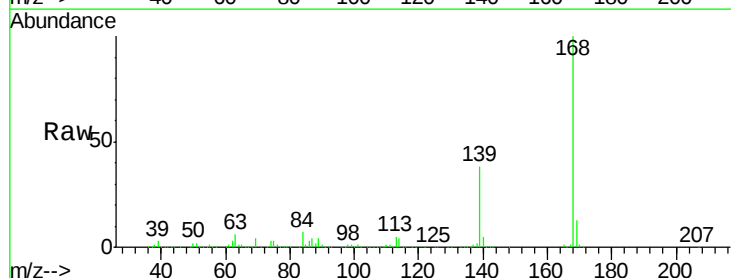
Instrument :
BNA_M
ClientSampleId :

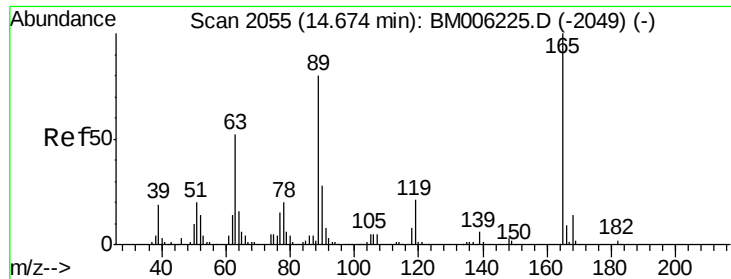
Tot Ion	Ratio	Lower	Upper
109	100		
139	119.6	87.8	131.8
65	137.9	105.7	158.5



#53
Dibenzofuran
Concen: 19.78 ng/ul
RT: 14.70 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.6	46.0

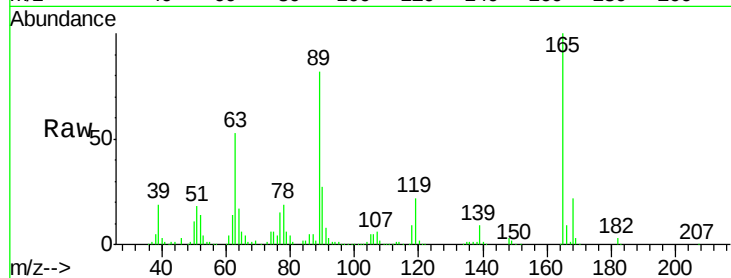




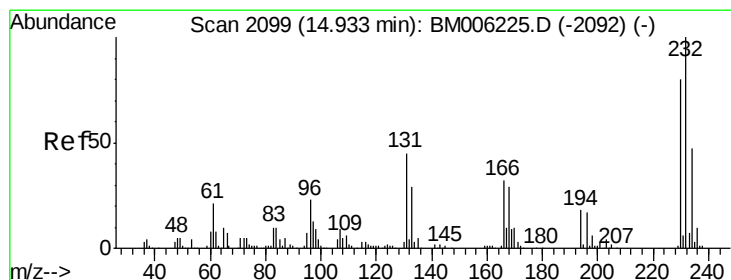
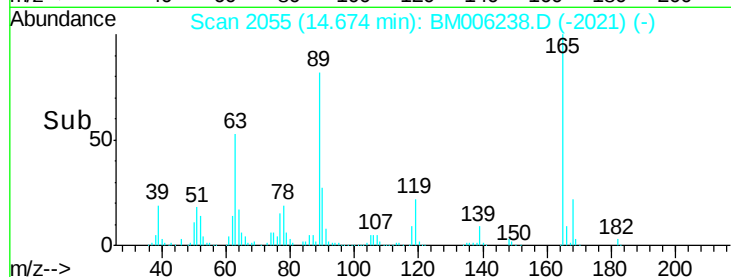
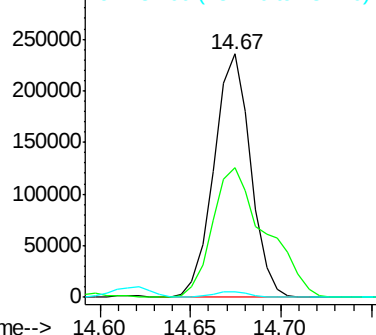
#54
 2,4-Dinitrotoluene
 Concen: 18.70 ng/ul
 RT: 14.67 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BM006238.D
 Acq: 03 Jul 2016 17:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 330674
 Ion Ratio Lower Upper
 165 100
 63 53.2 43.7 65.5
 182 2.5 2.1 3.1

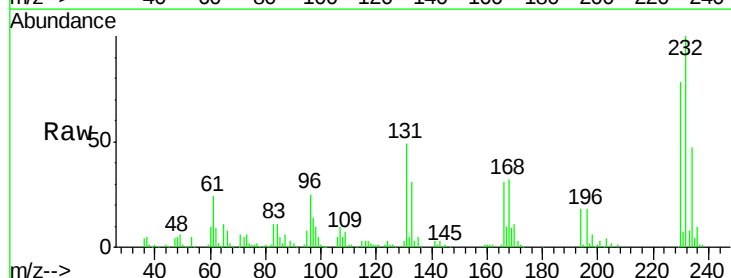


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 182.00 (181.70 to 182.70): E

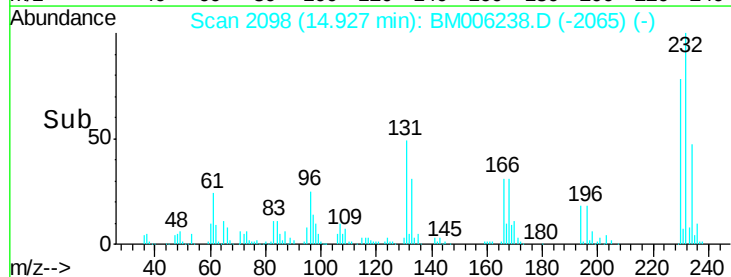
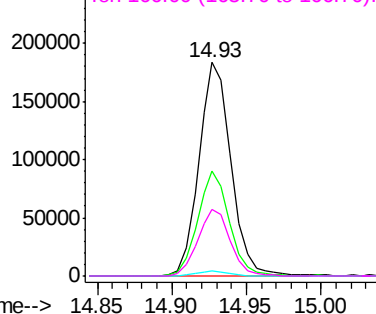


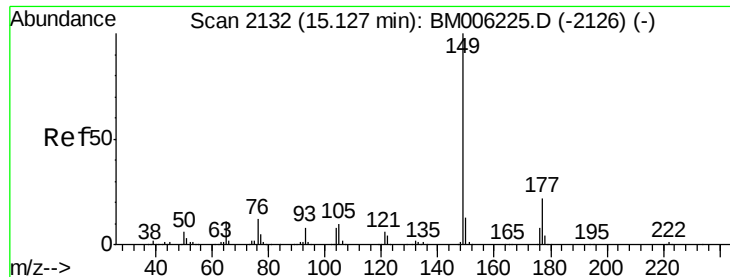
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 18.11 ng/ul
 RT: 14.93 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BM006238.D
 Acq: 03 Jul 2016 17:23

Tgt Ion:232 Resp: 275908
 Ion Ratio Lower Upper
 232 100
 131 49.1 38.2 57.2
 130 2.6 2.1 3.1
 166 31.4 26.1 39.1



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#56

Diethylphthalate

Concen: 18.92 ng/ul

RT: 15.13 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampled :

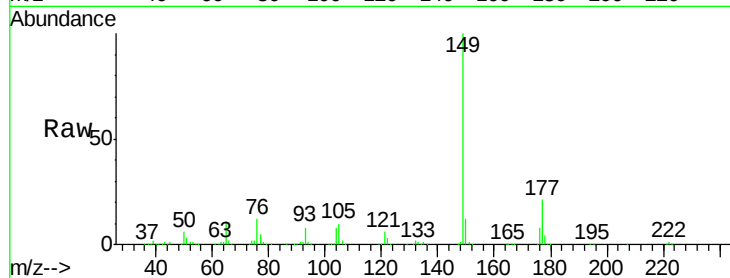
Tot Ion:149 Resp: 1140654

Ion Ratio Lower Upper

149 100

177 21.0 17.7 26.5

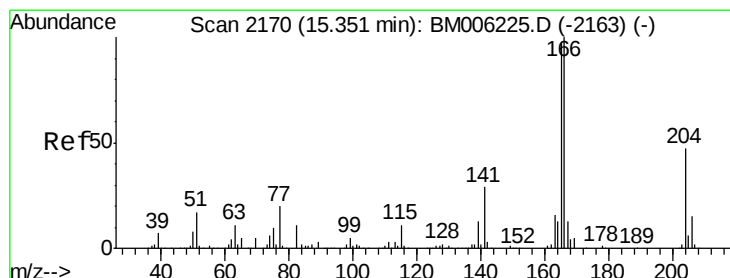
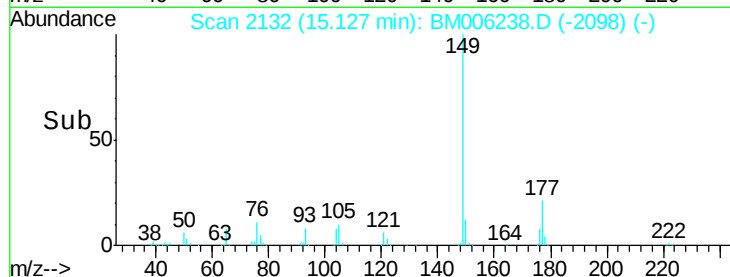
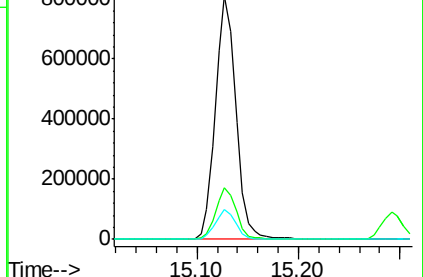
150 12.4 9.8 14.8



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: 18.83 ng/ul

RT: 15.35 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

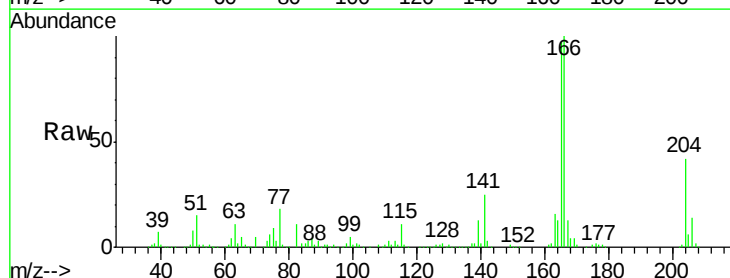
Tgt Ion:166 Resp: 1022265

Ion Ratio Lower Upper

166 100

165 97.0 77.5 116.3

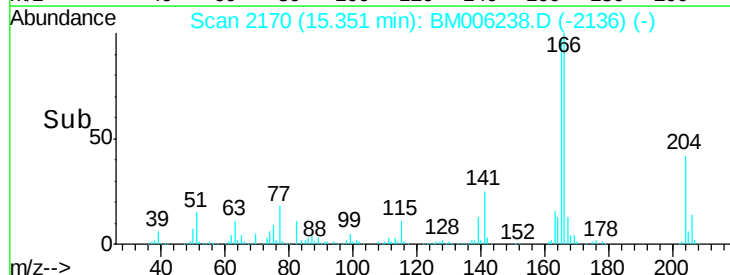
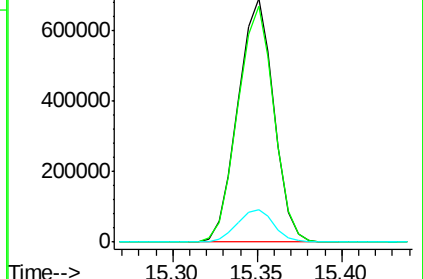
167 13.3 10.8 16.2

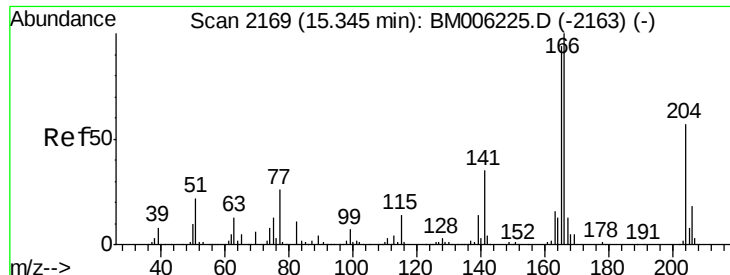


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

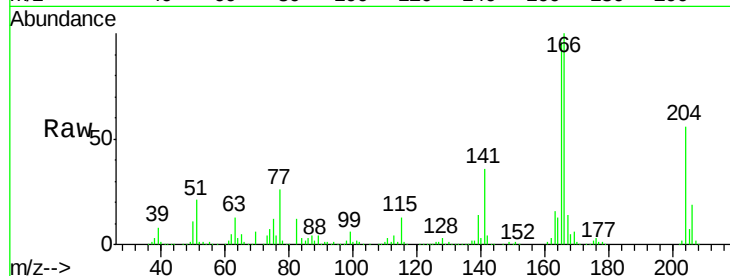




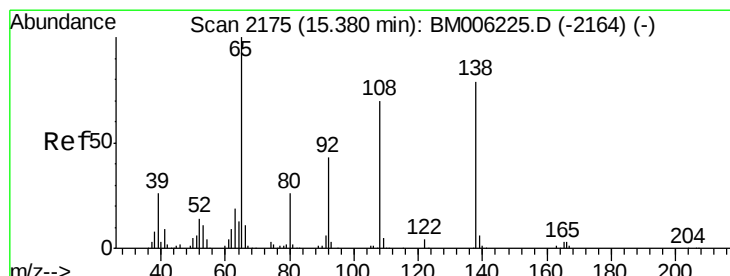
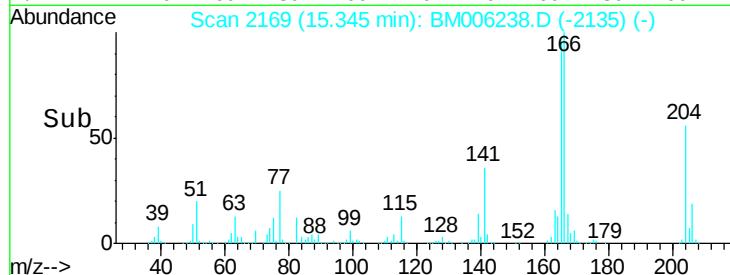
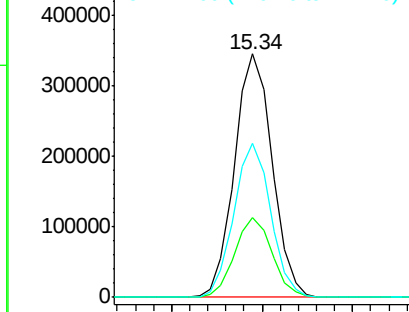
#59
 4-Chlorophenyl-phenylether
 Concen: 18.76 ng/ul
 RT: 15.34 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BM006238.D
 Acq: 03 Jul 2016 17:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 499988
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.6 38.4
 141 63.1 49.2 73.8

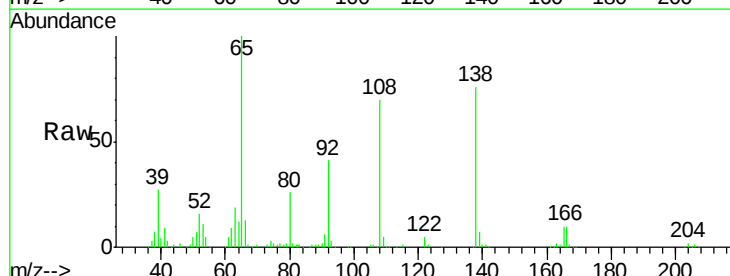


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

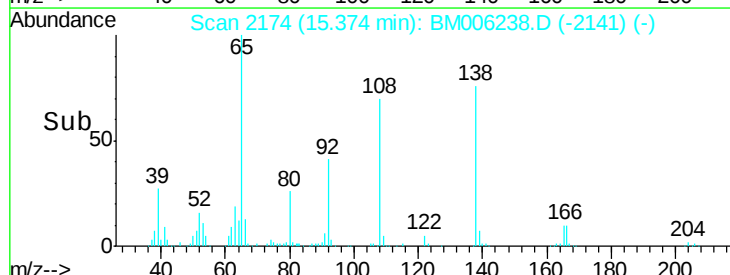
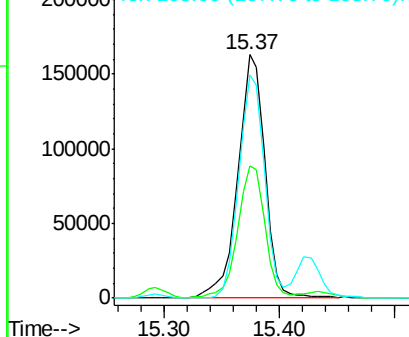


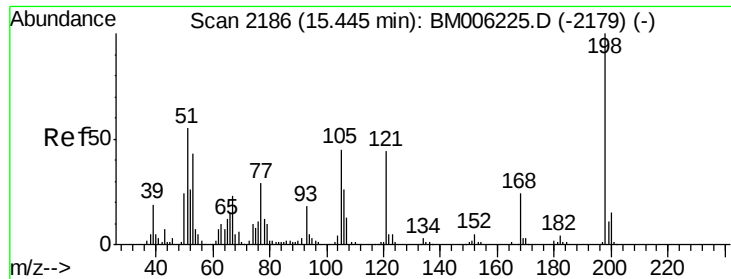
#60
 4-Nitroaniline
 Concen: 19.65 ng/ul
 RT: 15.37 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BM006238.D
 Acq: 03 Jul 2016 17:23

Tgt Ion:138 Resp: 265019
 Ion Ratio Lower Upper
 138 100
 92 54.1 43.4 65.0
 108 91.4 79.9 119.9



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

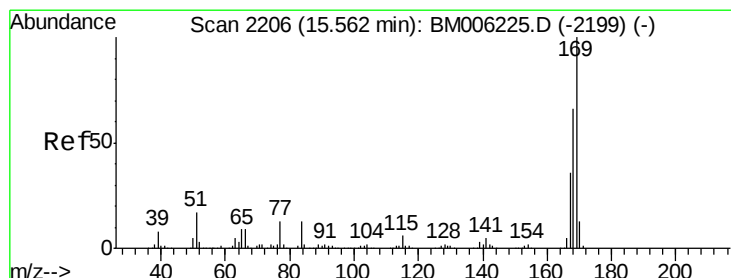
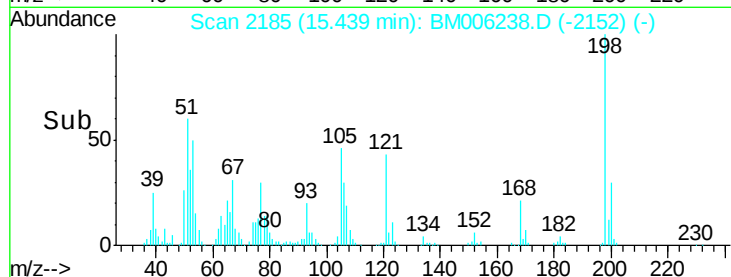
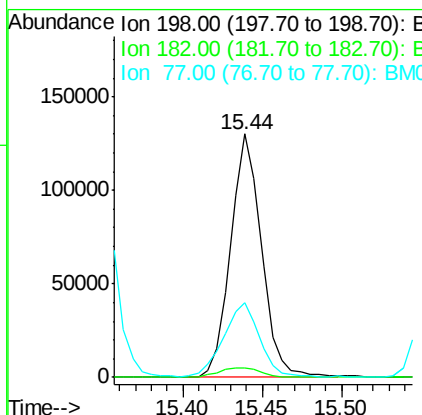
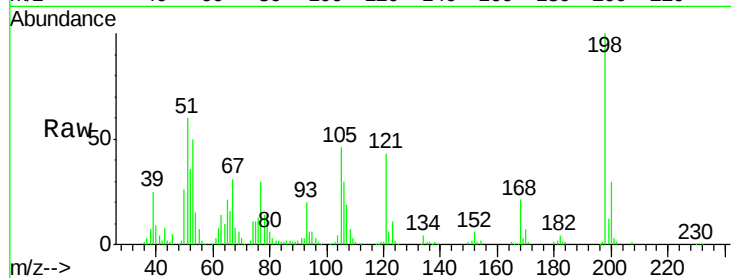




#63
4,6-Dinitro-2-methylphenol
Concen: 18.98 ng/ul
RT: 15.44 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

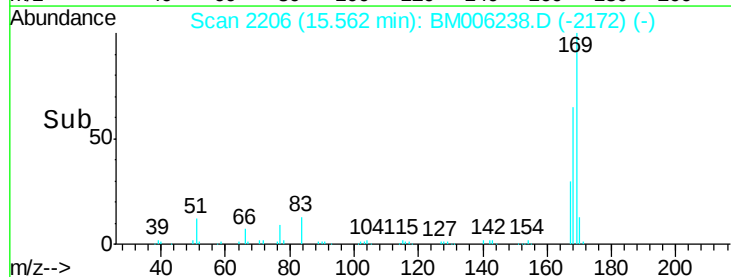
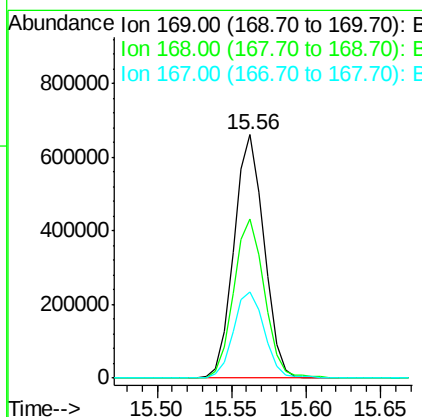
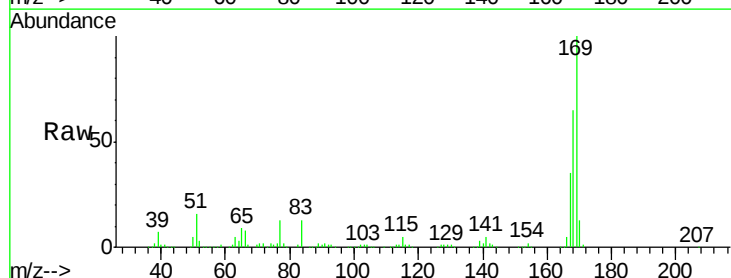
Instrument :
BNA_M
ClientSampleId :

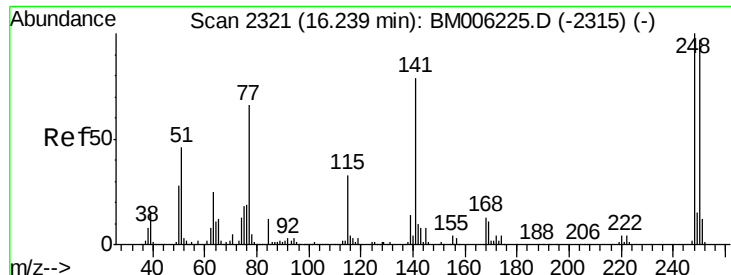
Tot Ion:198 Resp: 176336
Ion Ratio Lower Upper
198 100
182 3.8 3.0 4.6
77 30.5 24.2 36.2



#64
N-Nitrosodiphenylamine
Concen: 20.84 ng/ul
RT: 15.56 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

Tgt Ion:169 Resp: 929452
Ion Ratio Lower Upper
169 100
168 65.3 52.9 79.3
167 35.4 28.7 43.1

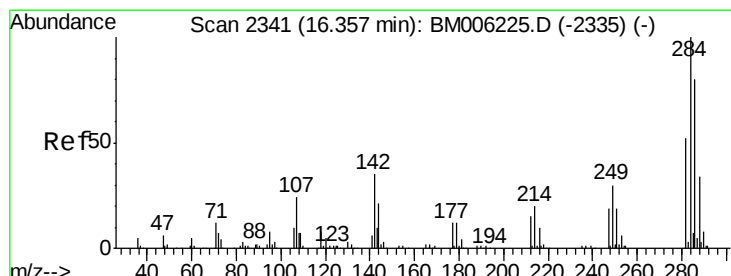
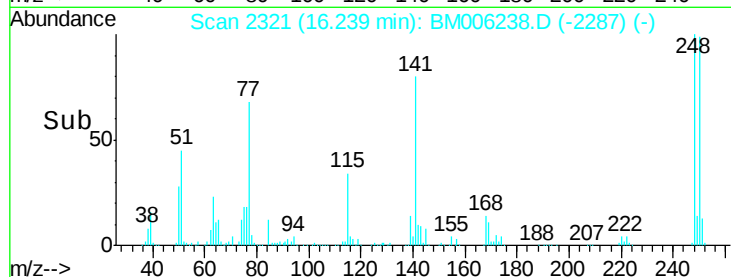
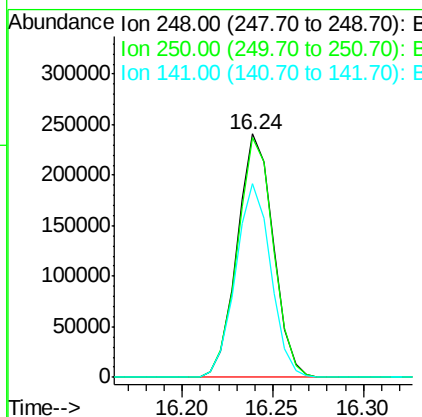
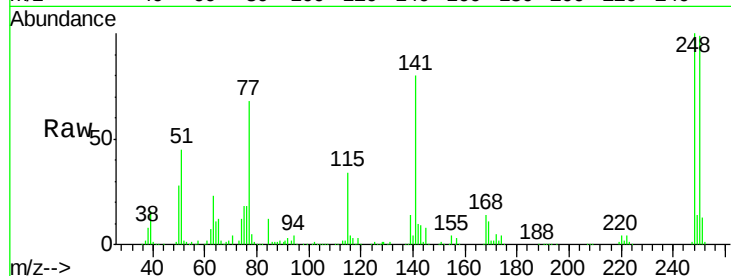




#65
4-Bromophenyl-phenylether
Concen: 20.05 ng/ul
RT: 16.24 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

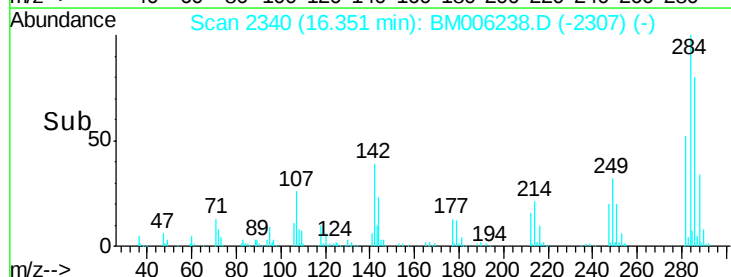
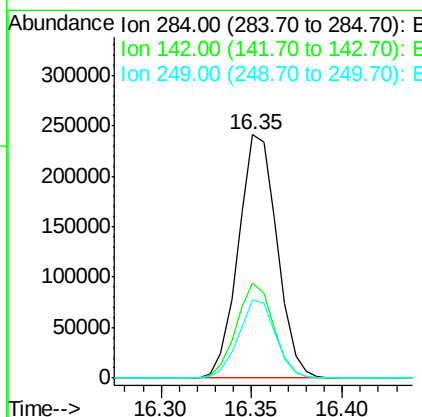
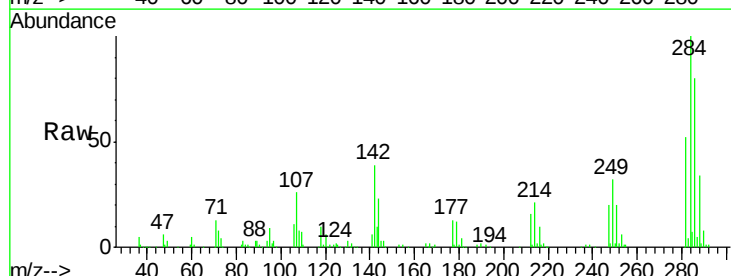
Instrument :
BNA_M
ClientSampleId :

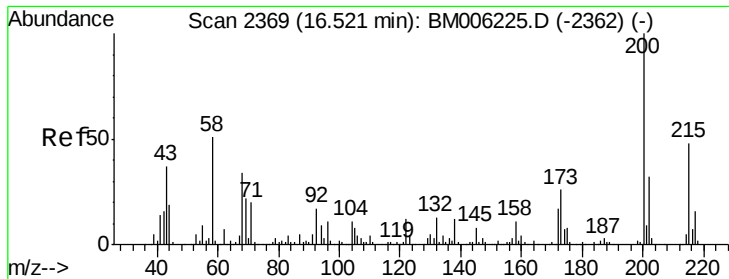
Tot Ion:248 Resp: 331366
Ion Ratio Lower Upper
248 100
250 98.6 77.4 116.2
141 79.6 61.4 92.2



#66
Hexachlorobenzene
Concen: 19.55 ng/ul
RT: 16.35 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BM006238.D
Acq: 03 Jul 2016 17:23

Tgt Ion:284 Resp: 356688
Ion Ratio Lower Upper
284 100
142 39.1 29.7 44.5
249 32.1 24.7 37.1

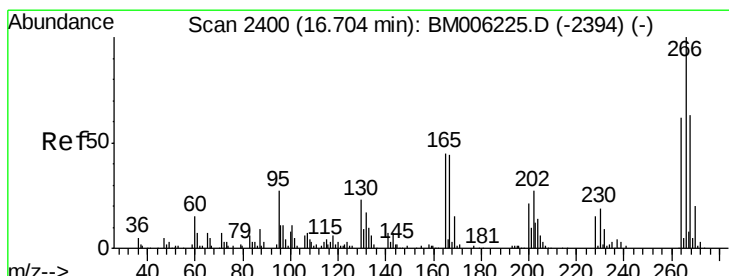
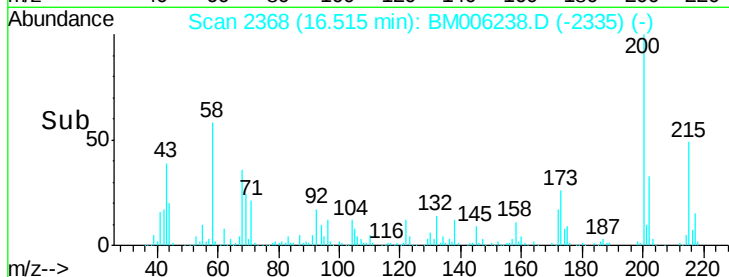
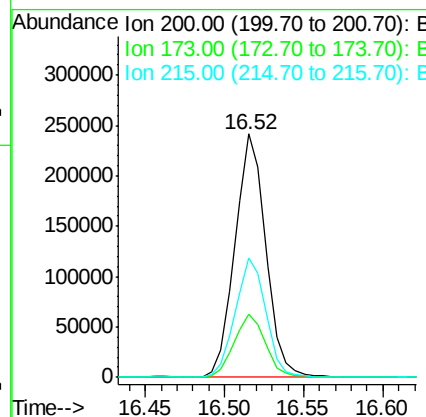
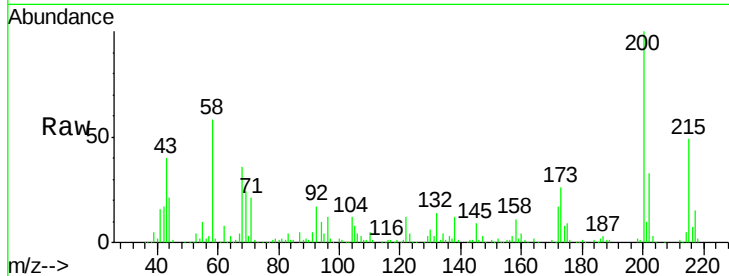




#67
 Atrazine
 Concen: 19.82 ng/ul
 RT: 16.52 min Scan# 2368
 Delta R.T. -0.01 min
 Lab File: BM006238.D
 Acq: 03 Jul 2016 17:23

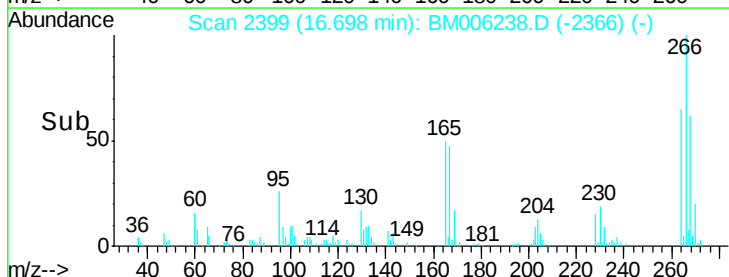
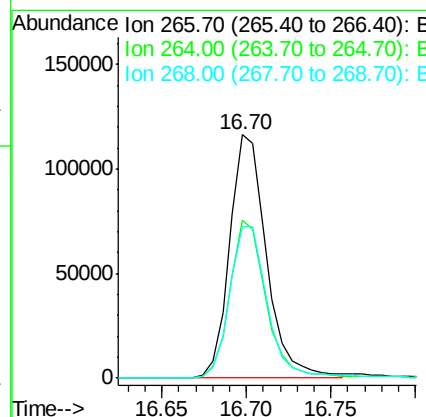
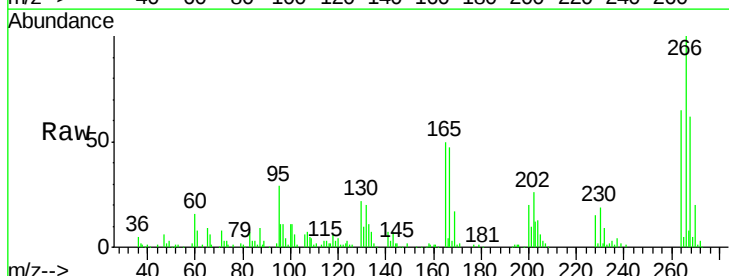
Instrument :
 BNA_M
 ClientSampleId :

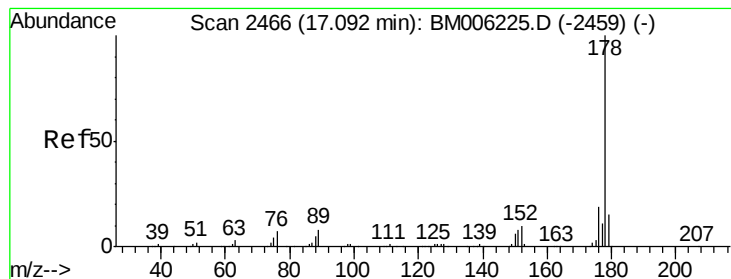
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	21.4	32.0
215	49.0	39.2	58.8



#68
 Pentachlorophenol
 Concen: 18.19 ng/ul
 RT: 16.70 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM006238.D
 Acq: 03 Jul 2016 17:23

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.9	53.7	80.5
268	62.4	51.4	77.0





#69

Phenanthrene

Concen: 19.68 ng/ul

RT: 17.09 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

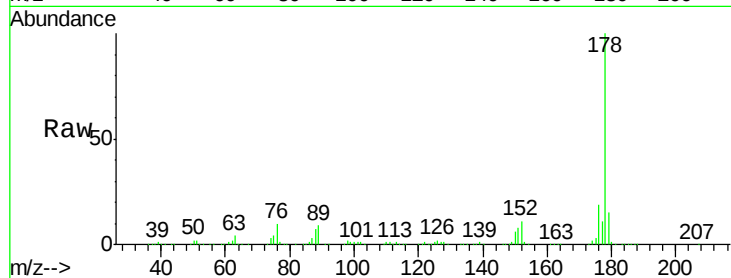
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 1620027

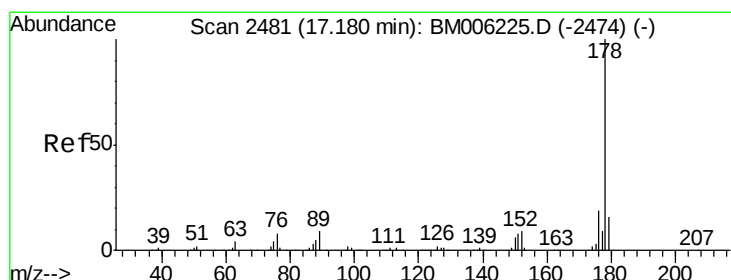
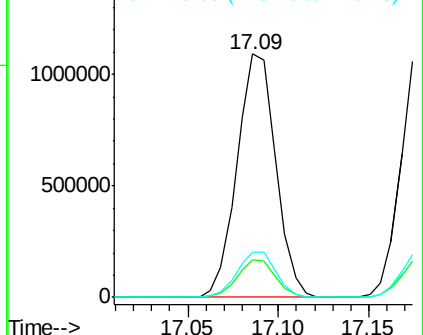
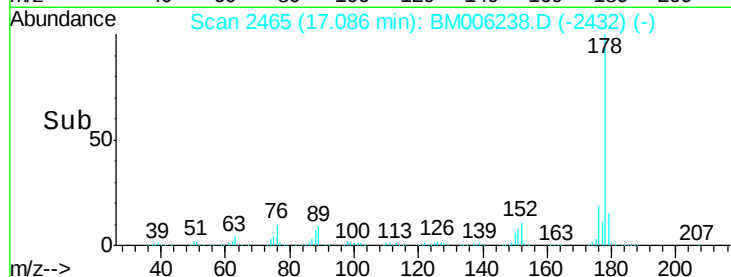
Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	18.8	15.2	22.8



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



#71

Anthracene

Concen: 19.49 ng/ul

RT: 17.18 min Scan# 2481

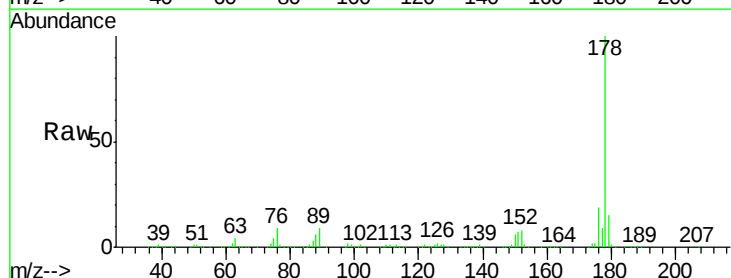
Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Tgt Ion:178 Resp: 1657768

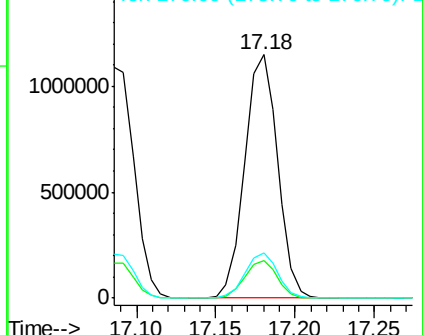
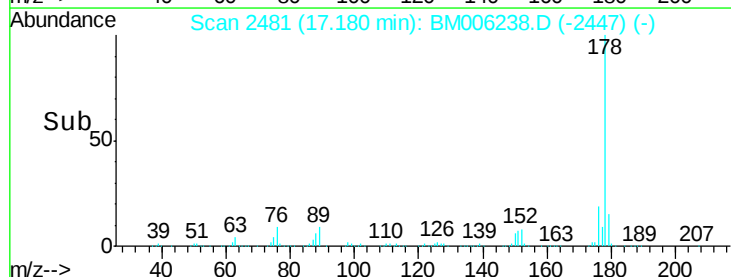
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	18.8	15.0	22.6

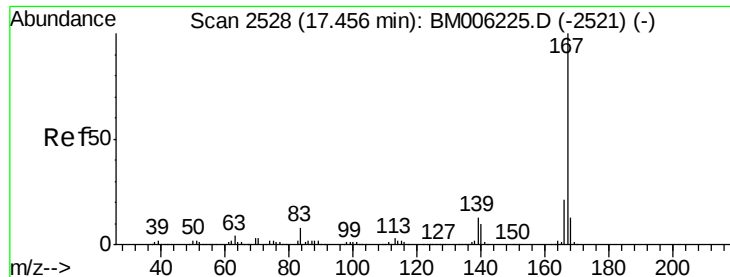


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.31 ng/ul

RT: 17.45 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampleId :

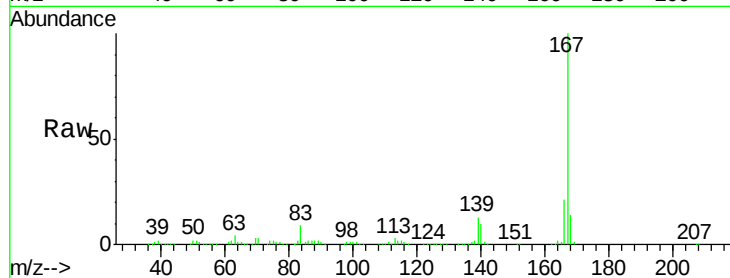
Tot Ion:167 Resp: 1447781

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

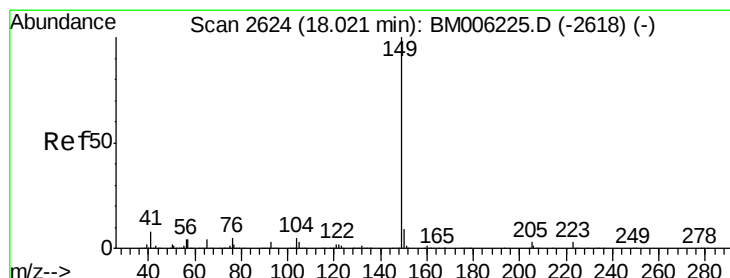
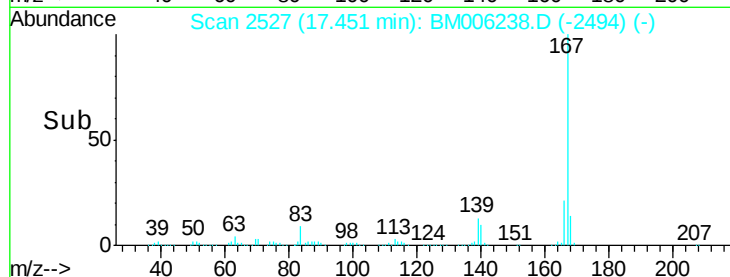
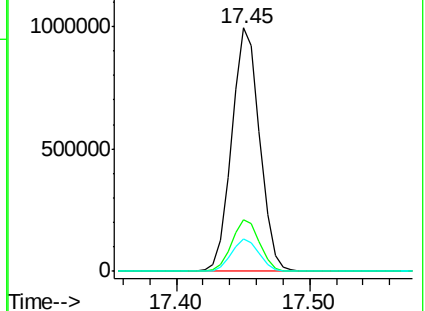
139 13.2 10.2 15.4



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: 18.85 ng/ul

RT: 18.02 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

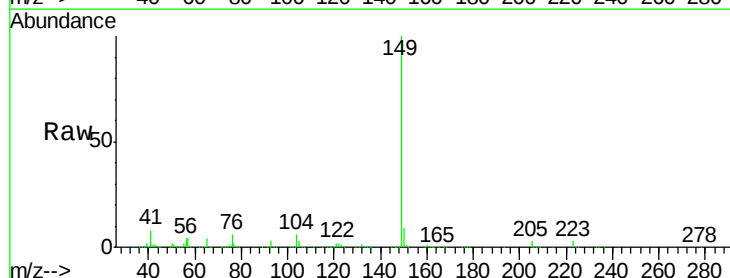
Tgt Ion:149 Resp: 1846628

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

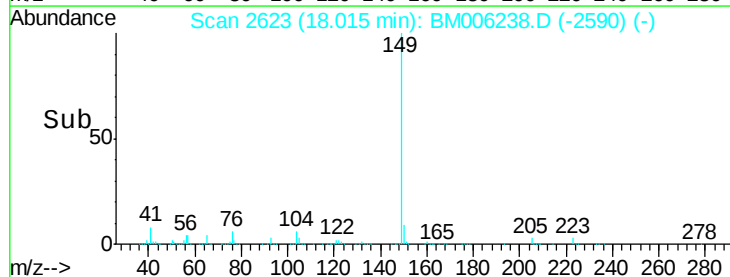
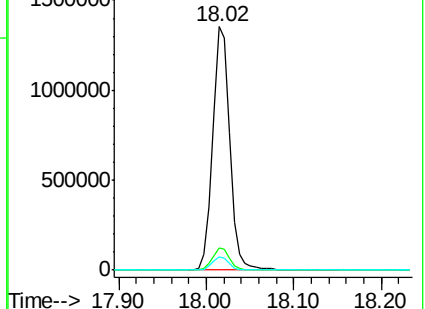
104 5.6 4.4 6.6

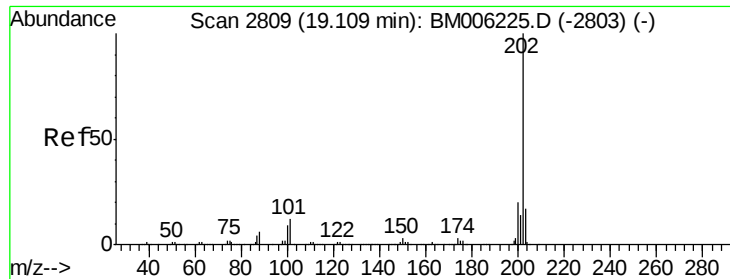


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 19.10 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampleId :

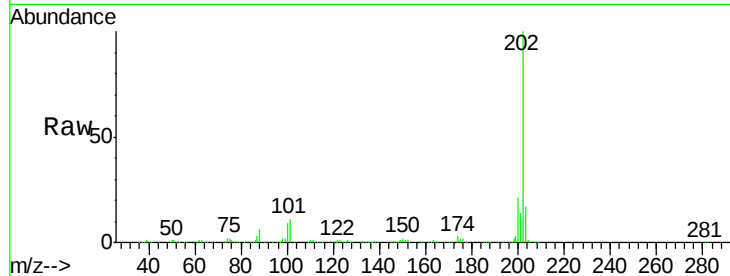
Tot Ion:202 Resp: 1749864

Ion Ratio Lower Upper

202 100

101 11.3 8.6 12.8

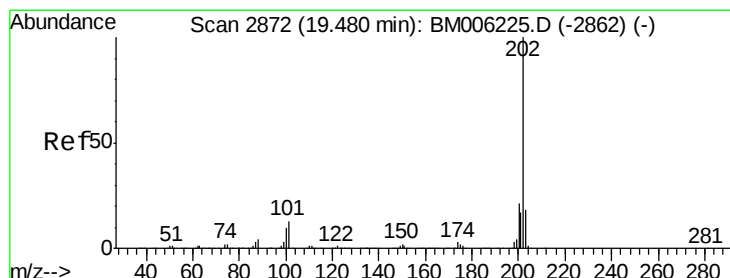
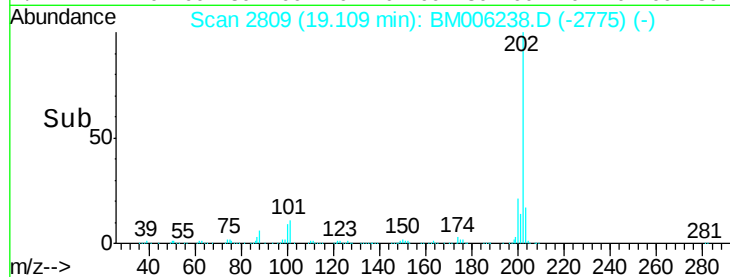
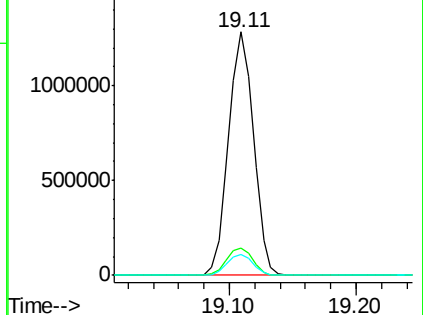
100 8.7 6.4 9.6



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: 22.96 ng/ul

RT: 19.47 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

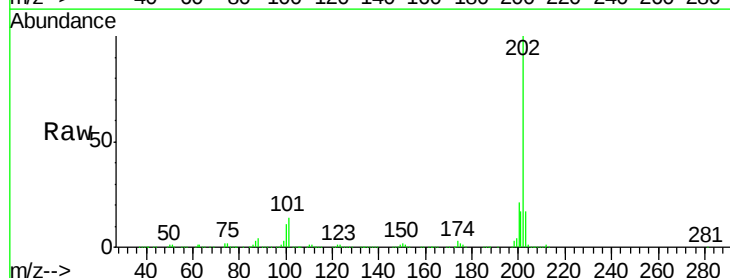
Tgt Ion:202 Resp: 1778273

Ion Ratio Lower Upper

202 100

101 13.6 10.0 15.0

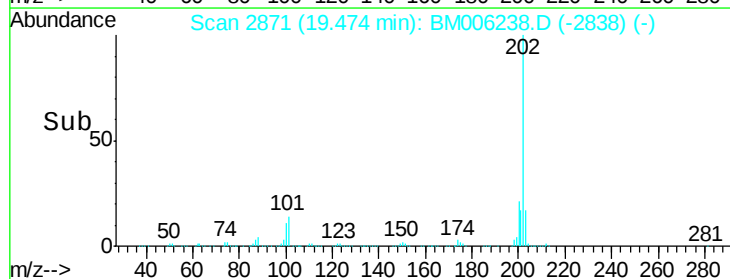
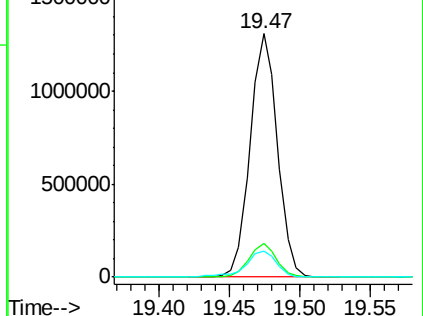
100 10.6 7.9 11.9

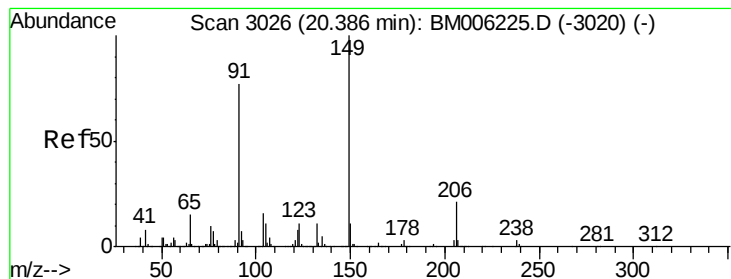


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 20.85 ng/ul

RT: 20.38 min Scan# 3025

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampleId :

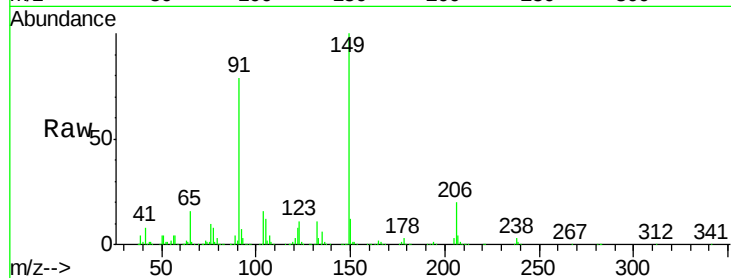
Tot Ion:149 Resp: 737813

Ion Ratio Lower Upper

149 100

91 79.2 60.9 91.3

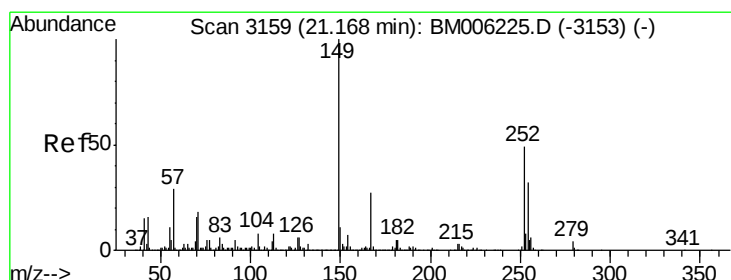
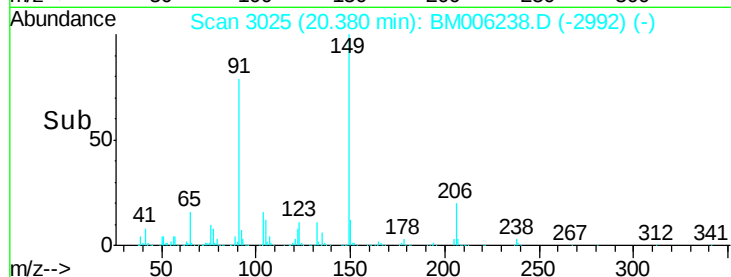
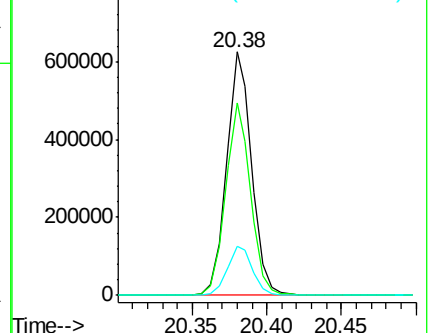
206 20.0 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM006225.D (-3020) (-)

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 21.28 ng/ul

RT: 21.16 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

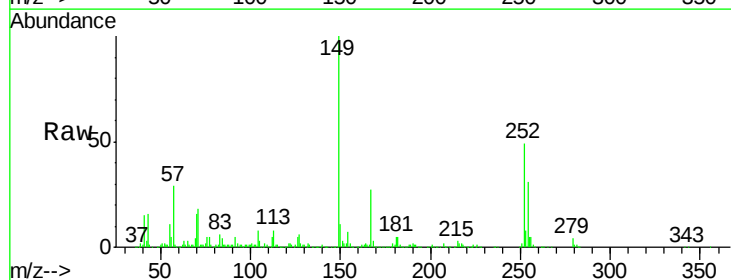
Tgt Ion:252 Resp: 485896

Ion Ratio Lower Upper

252 100

254 64.2 50.8 76.2

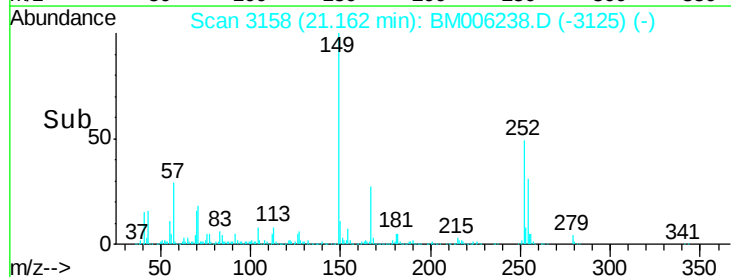
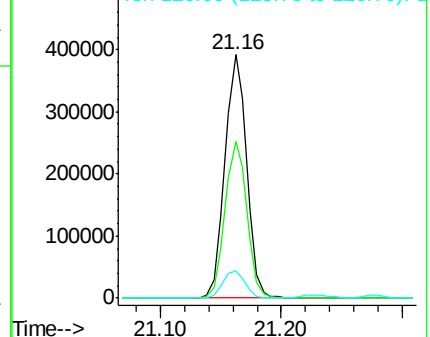
126 11.2 9.0 13.4

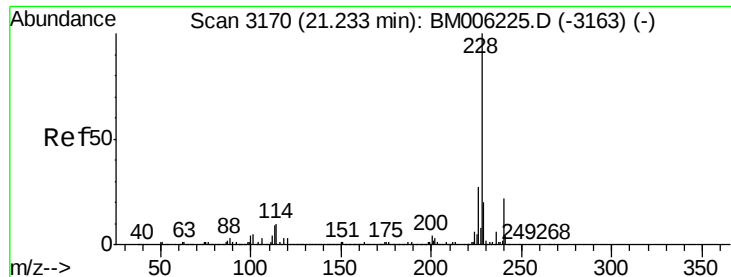


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.69 ng/ul

RT: 21.23 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampleId :

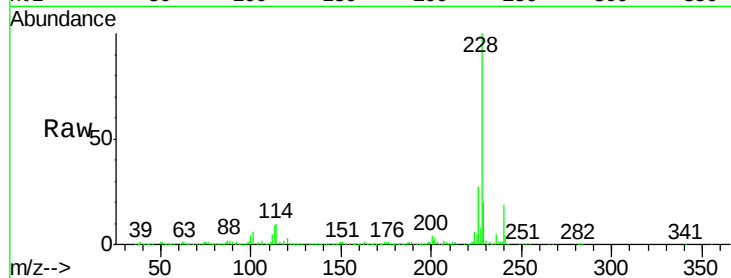
Tot Ion:228 Resp: 1491585

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	27.0	21.4	32.2

228 100

229 19.5 15.6 23.4

226 27.0 21.4 32.2

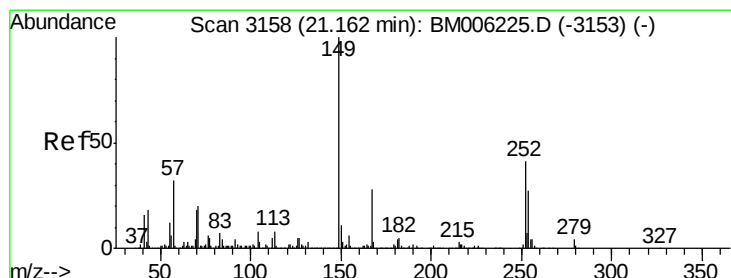
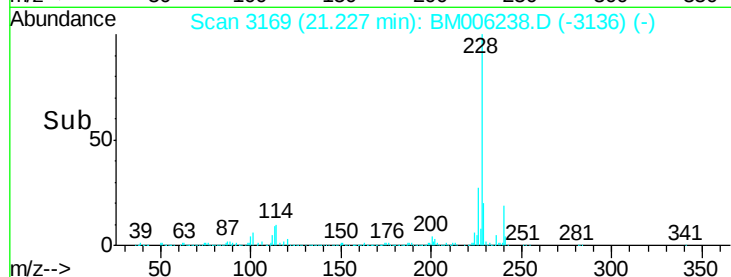
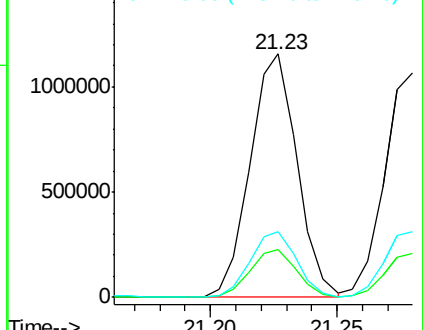


Abundance

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: 20.54 ng/ul

RT: 21.16 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

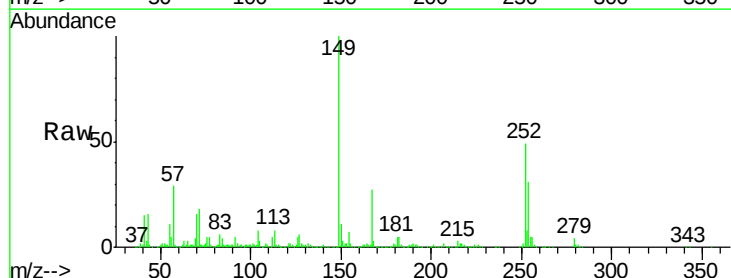
Tgt Ion:149 Resp: 974895

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.2	33.2
279	4.2	3.1	4.7

149 100

167 27.1 22.2 33.2

279 4.2 3.1 4.7

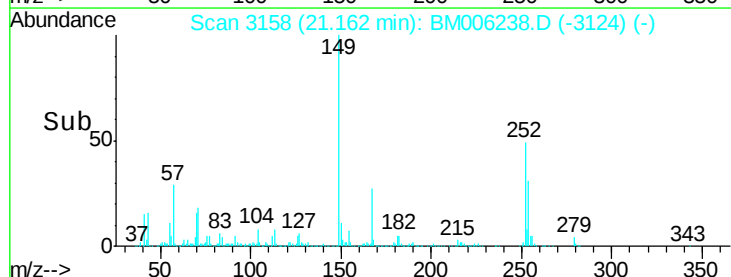
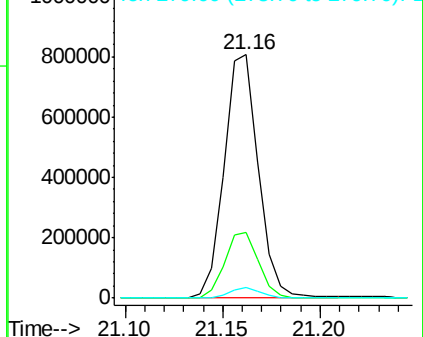


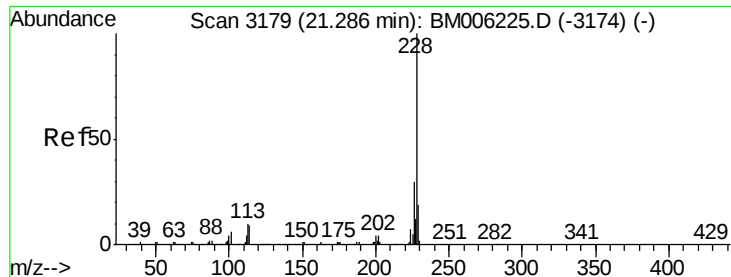
Abundance

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: 19.73 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

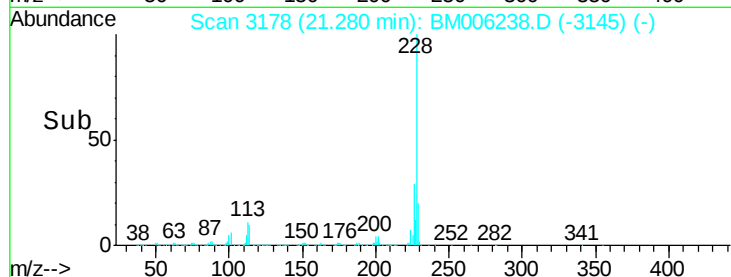
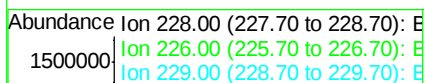
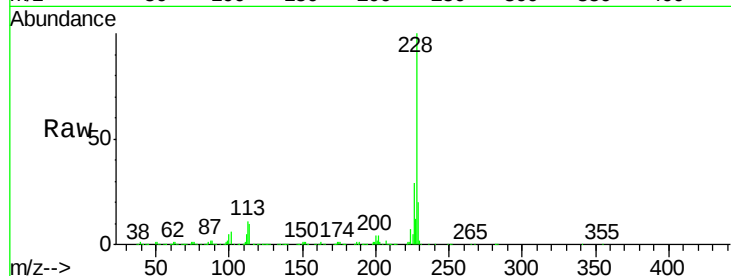
Instrument :

BNA_M

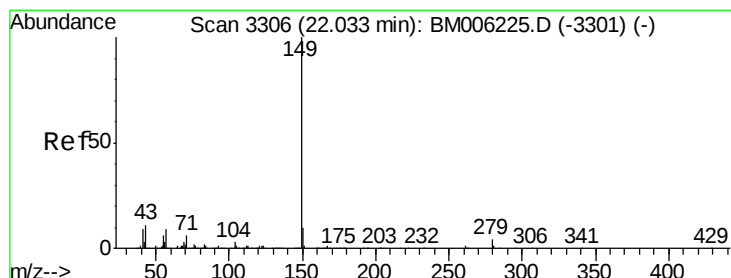
ClientSampleId :

Tot Ion:228 Resp: 1364611

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.3	34.9
229	19.8	15.8	23.8



Time-->



#84

Di-n-octyl phthalate

Concen: 24.32 ng/ul

RT: 22.03 min Scan# 3306

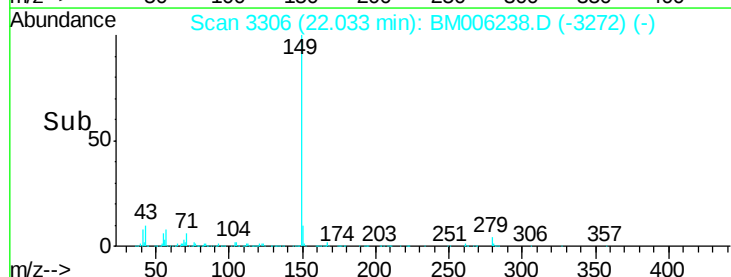
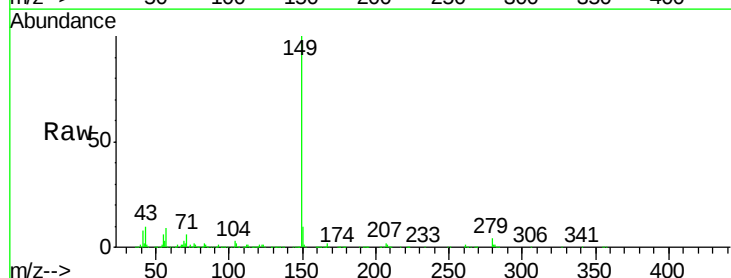
Delta R.T. -0.00 min

Lab File: BM006238.D

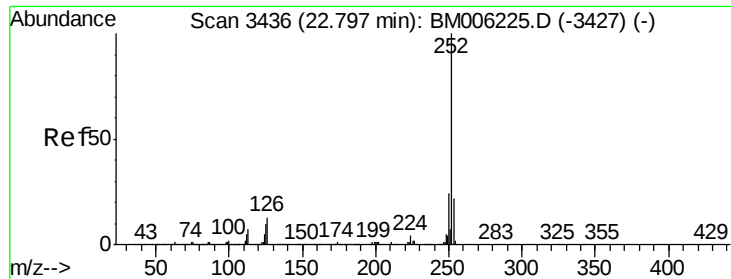
Acq: 03 Jul 2016 17:23

Tgt Ion:149 Resp: 1649283

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.4	9.1	13.7



Time-->



#85

Benzo(b)fluoranthene

Concen: 20.50 ng/ul

RT: 22.79 min Scan# 3435

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampleId :

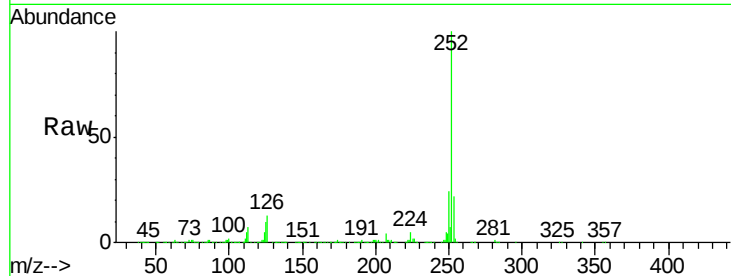
Tot Ion:252 Resp: 1386177

Ion Ratio Lower Upper

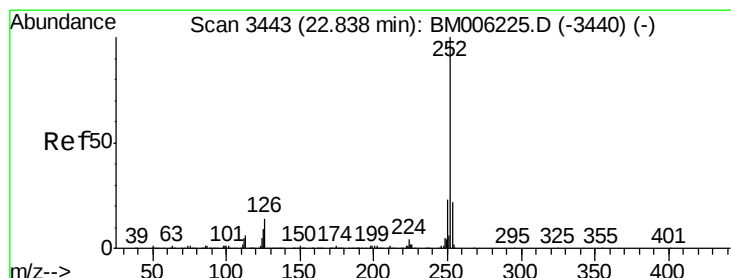
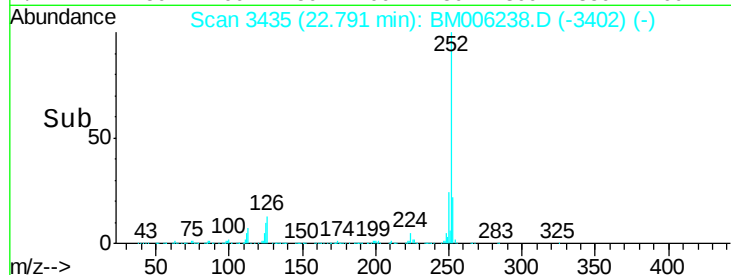
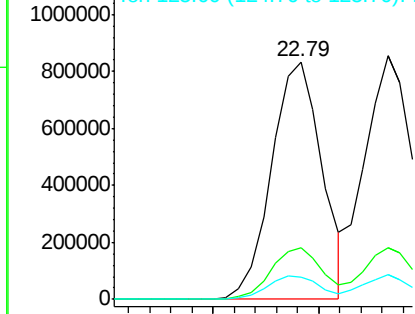
252 100

253 21.8 17.4 26.2

125 9.6 6.7 10.1



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: 21.82 ng/ul

RT: 22.83 min Scan# 3442

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

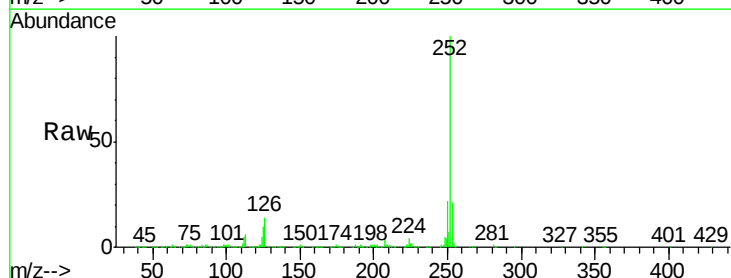
Tgt Ion:252 Resp: 1372743

Ion Ratio Lower Upper

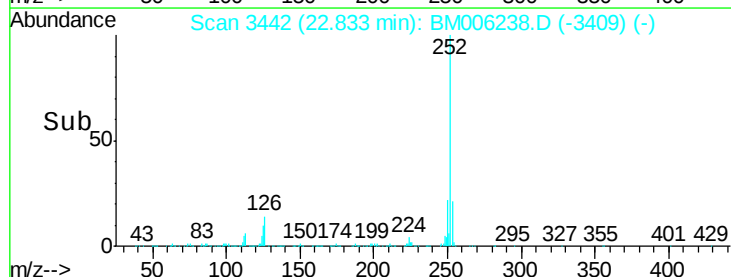
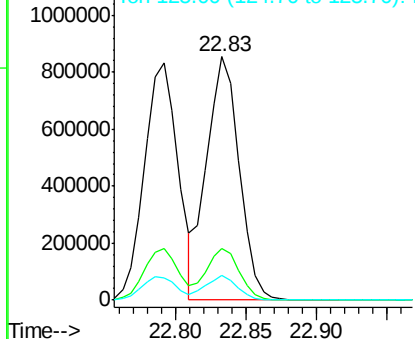
252 100

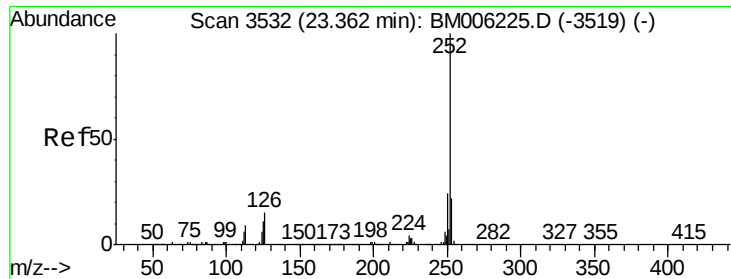
253 21.2 17.3 25.9

125 9.9 7.0 10.4



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





#88

Benzo(a)pyrene

Concen: 20.50 ng/ul

RT: 23.36 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Instrument :

BNA_M

ClientSampled :

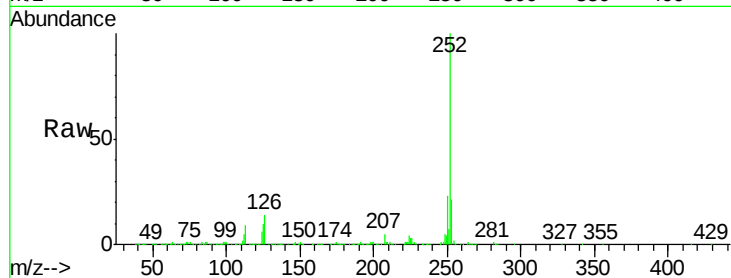
Tot Ion:252 Resp: 1341181

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

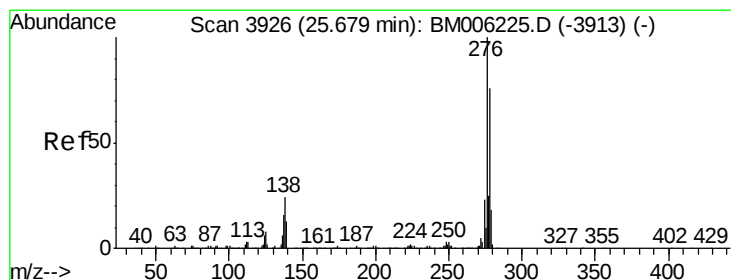
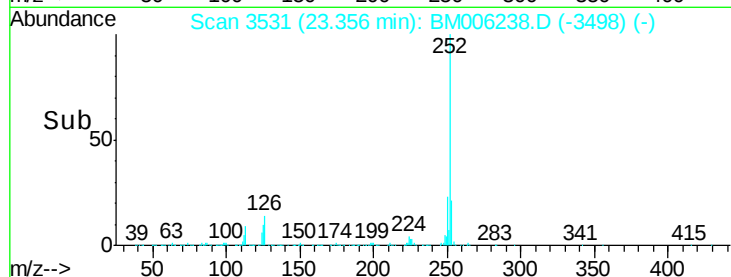
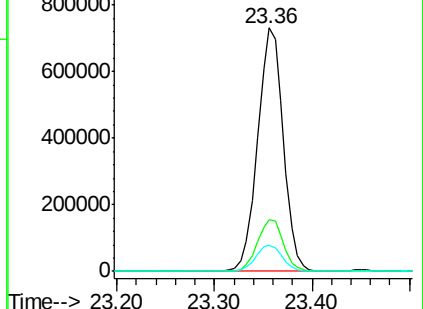
125 10.5 7.6 11.4



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 19.96 ng/ul

RT: 25.67 min Scan# 3924

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

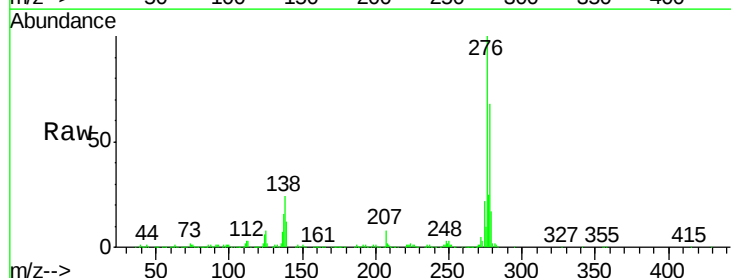
Tgt Ion:276 Resp: 1493996

Ion Ratio Lower Upper

276 100

138 24.2 17.8 26.6

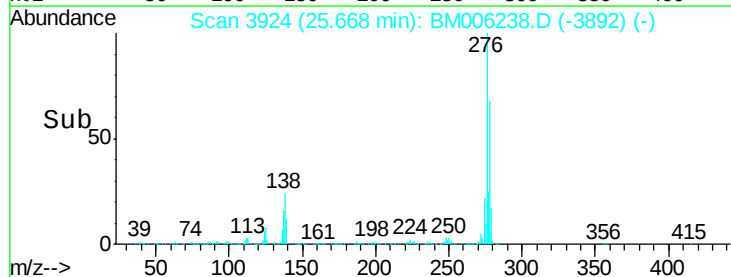
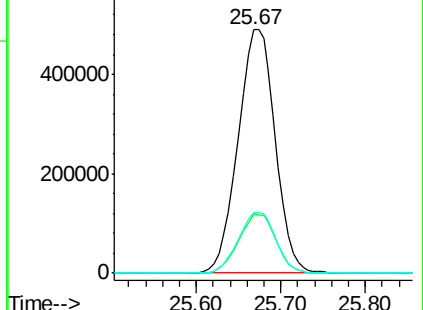
277 24.9 20.1 30.1

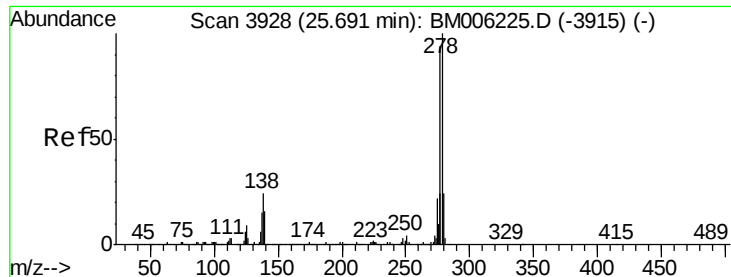


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 20.19 ng/ul

RT: 25.69 min Scan# 3927

Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

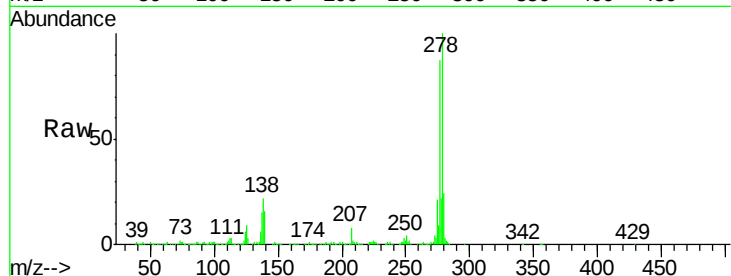
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1246024

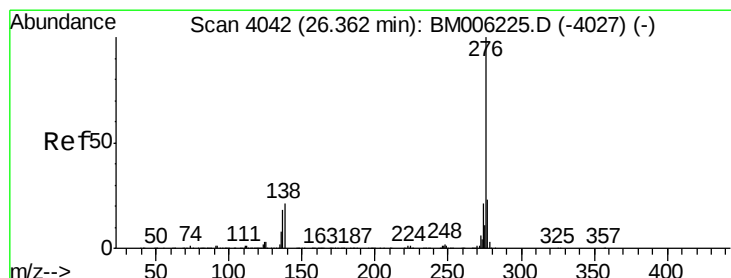
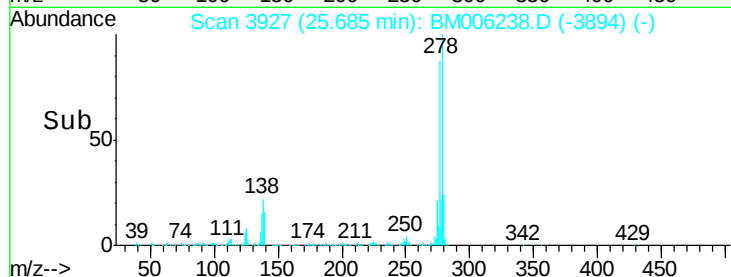
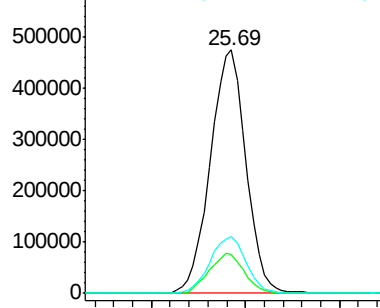
Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.7	17.5
279	23.5	19.2	28.8



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: 19.99 ng/ul

RT: 26.35 min Scan# 4040

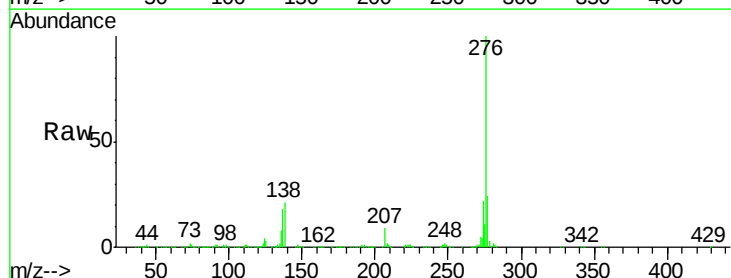
Delta R.T. -0.01 min

Lab File: BM006238.D

Acq: 03 Jul 2016 17:23

Tgt Ion:276 Resp: 1291022

Ion	Ratio	Lower	Upper
276	100		
138	21.2	15.0	22.4
277	23.8	19.0	28.4



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

