

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072616\
 Data File : BM006655.D
 Acq On : 26 Jul 2016 18:33
 Operator : UM/SJ
 Sample : H4068-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2552

Quant Time: Jul 26 19:31:28 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 26 15:24:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	106430	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	475113	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	275284	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	645953	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	740577	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	767380	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	5087	1.86	ng/uL	0.00
5) Phenol-d5	6.79	99	245683	26.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	152594	26.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	185261	25.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	197613	26.93	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	94994	25.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	77318	19.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	197195	27.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	80626	10.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	722023	32.87	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	835836	30.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	81723	21.62	ng/ul	0.00
57) Fluorene-d10	15.26	176	665318	34.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	24547	6.97	ng/ul	0.00
70) Anthracene-d10	17.12	188	1134441	37.64	ng/ul	0.00
76) Pyrene-d10	19.42	212	1281367	37.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	1331329	38.34	ng/ul	0.00

Target Compounds

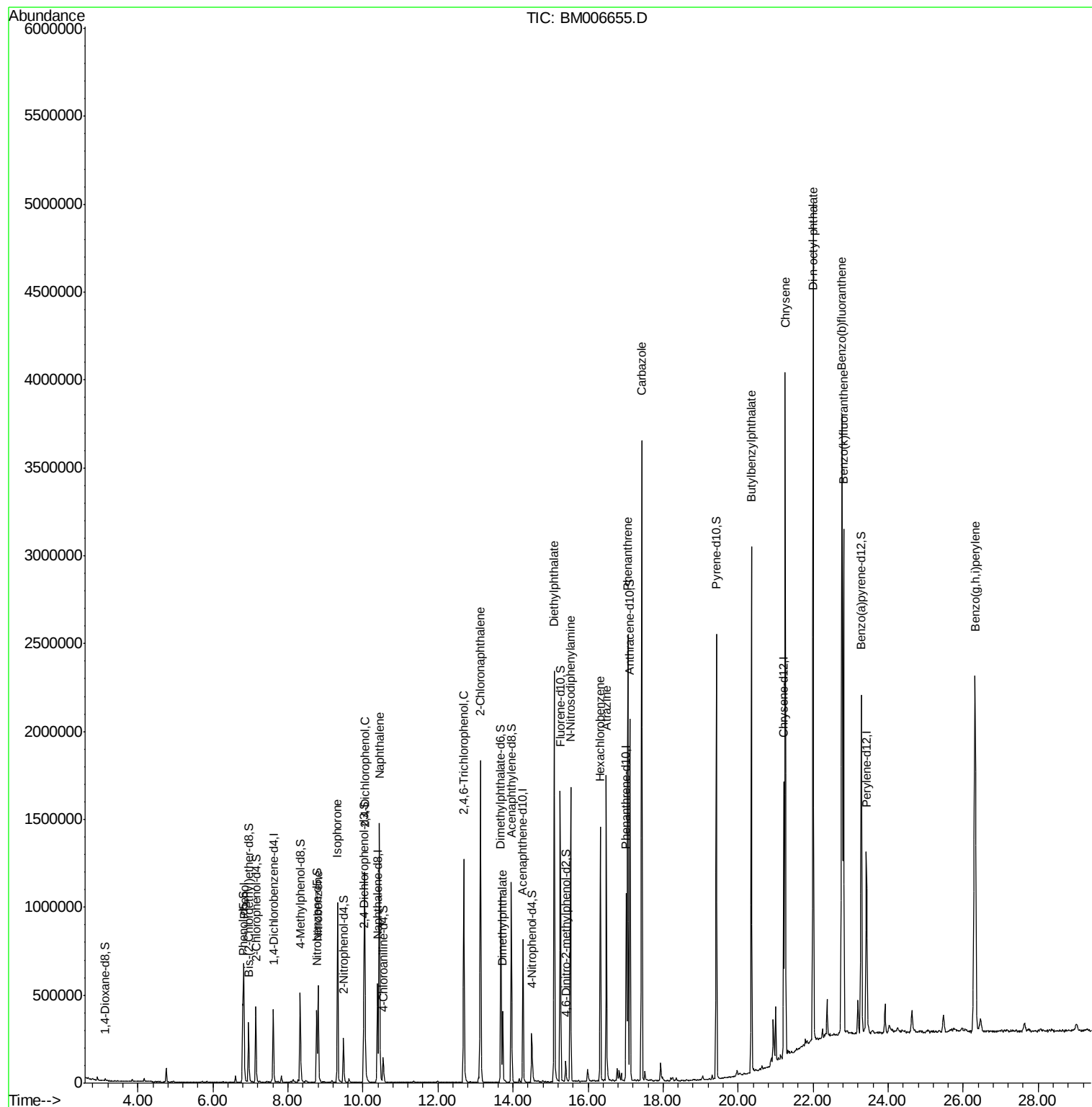
						Qvalue
6) Phenol	6.82	94	351231	35.52	ng/ul	95
20) Nitrobenzene	8.80	77	311256	33.18	ng/ul	99
21) Isophorone	9.32	82	734367	41.64	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	413694	57.43	ng/ul	100
28) Naphthalene	10.44	128	1171711	49.34	ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	312950	52.79	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	924498	53.21	ng/ul	98
44) Dimethylphthalate	13.72	163	256942	11.69	ng/ul	100
56) Diethylphthalate	15.10	149	1342317	57.75	ng/ul	99
64) N-Nitrosodiphenylamine	15.53	169	639056	33.04	ng/ul	99
66) Hexachlorobenzene	16.33	284	300432	39.99	ng/ul	100
67) Atrazine	16.49	200	310058	45.02	ng/ul	99
69) Phenanthrene	17.06	178	1578887	45.09	ng/ul	99
72) Carbazole	17.43	167	2278811	71.97	ng/ul	99
78) Butylbenzylphthalate	20.36	149	860615	41.33	ng/ul	99
82) Chrysene	21.26	228	1982947	49.26	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	3157202	64.50	ng/ul	97
85) Benzo(b)fluoranthene	22.77	252	2722199	59.99	ng/ul	99
86) Benzo(k)fluoranthene	22.81	252	1861865	44.74	ng/ul	99
91) Benzo(g,h,i)perylene	26.31	276	2615855	59.69	ng/ul	98

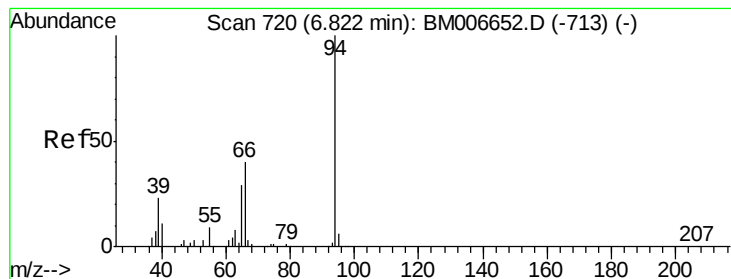
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 35.52 ng/ul

RT: 6.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM006655.D

Acq: 26 Jul 2016 18:33

Instrument :

BNA_M

ClientSampleId :

X2552

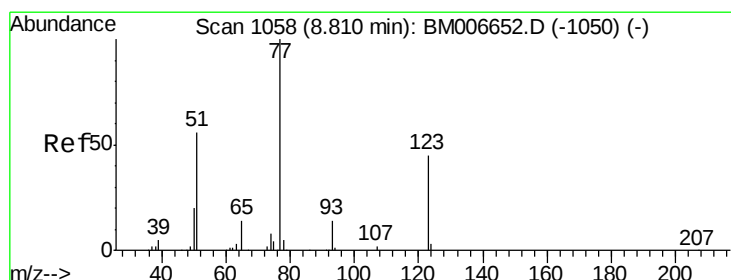
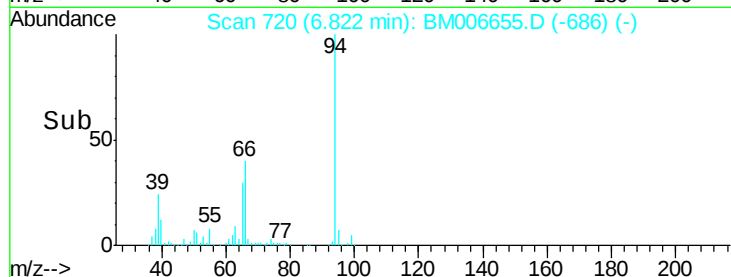
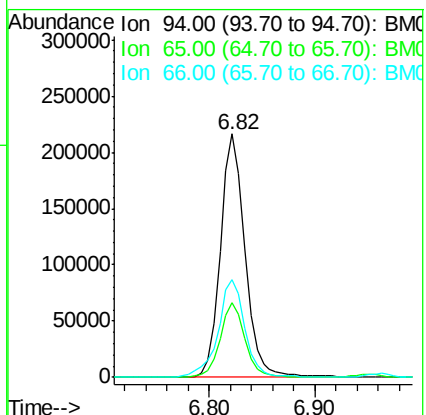
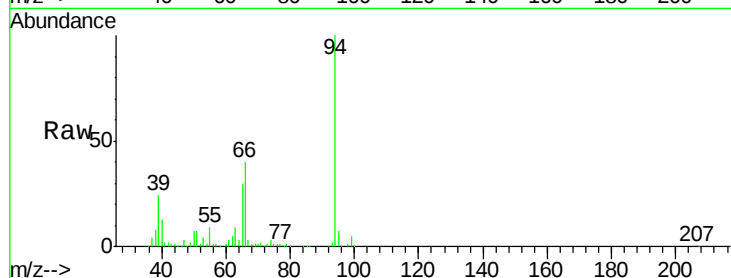
Tgt Ion: 94 Resp: 351231

Ion Ratio Lower Upper

94 100

65 30.5 25.8 38.8

66 40.1 35.7 53.5



#20

Nitrobenzene

Concen: 33.18 ng/ul

RT: 8.80 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BM006655.D

Acq: 26 Jul 2016 18:33

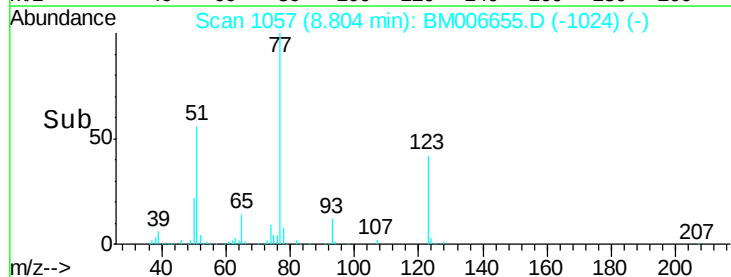
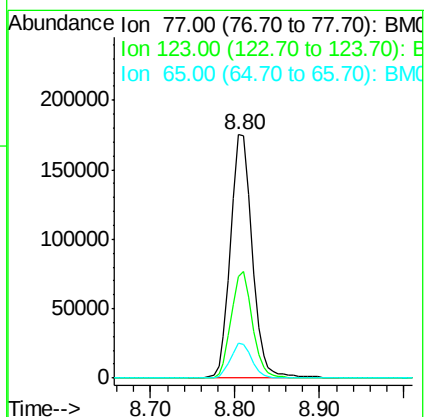
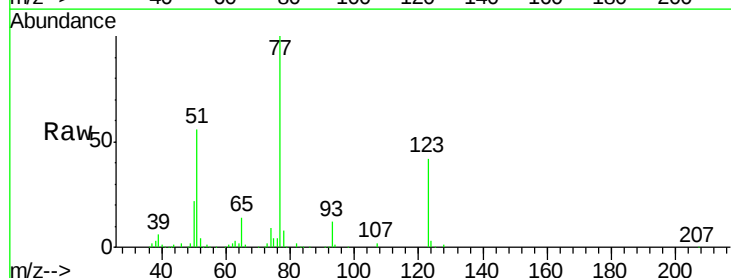
Tgt Ion: 77 Resp: 311256

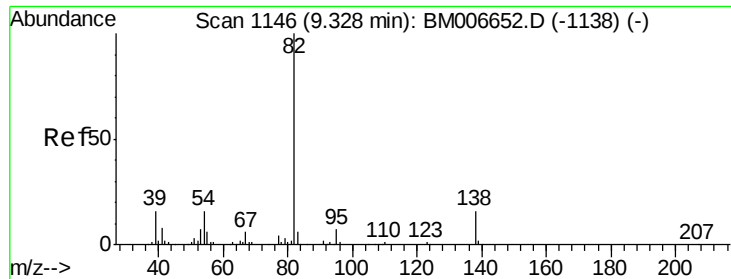
Ion Ratio Lower Upper

77 100

123 41.9 33.0 49.4

65 14.4 11.5 17.3





#21

Isophorone

Concen: 41.64 ng/ul

RT: 9.32 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BM006655.D

Acq: 26 Jul 2016 18:33

Instrument :

BNA_M

ClientSampleId :

X2552

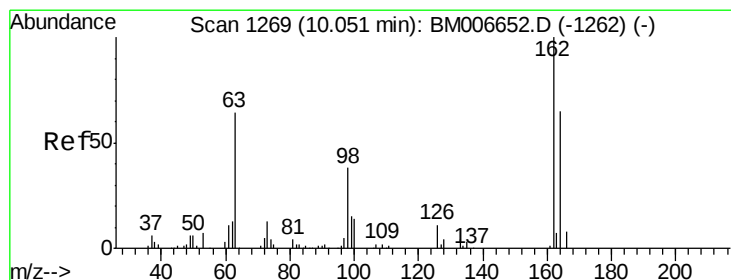
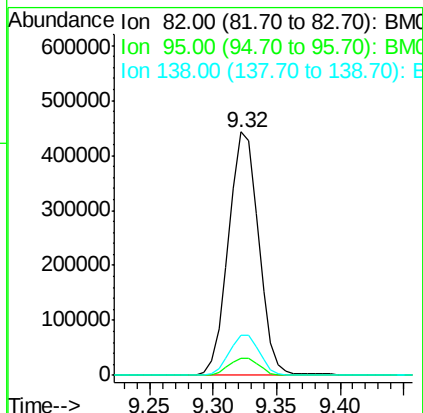
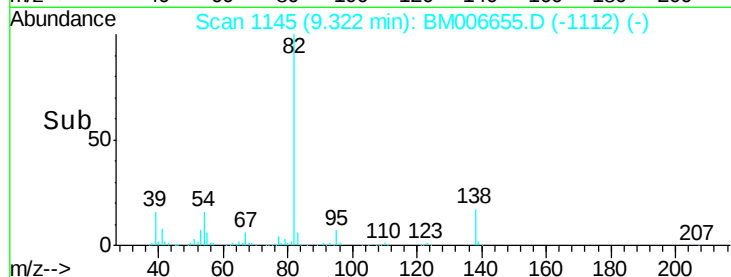
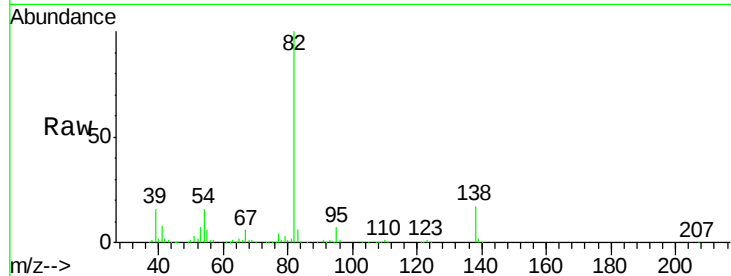
Tgt Ion: 82 Resp: 734367

Ion Ratio Lower Upper

82 100

95 7.1 6.0 9.0

138 16.6 13.0 19.4



#27

2,4-Dichlorophenol

Concen: 57.43 ng/ul

RT: 10.05 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM006655.D

Acq: 26 Jul 2016 18:33

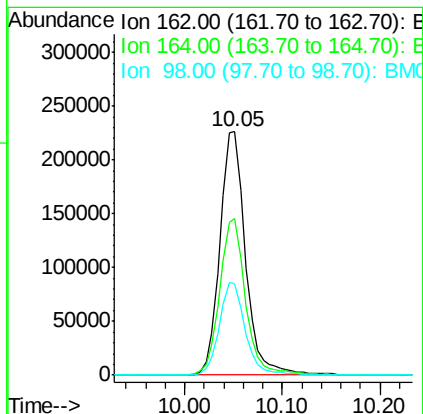
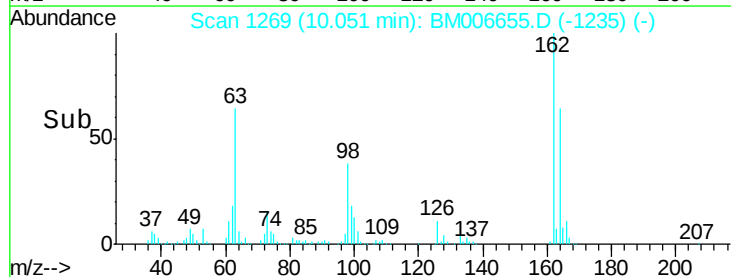
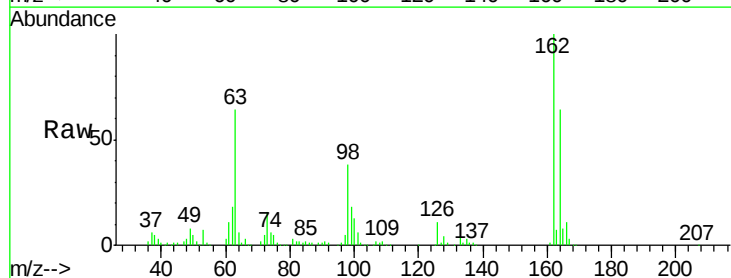
Tgt Ion: 162 Resp: 413694

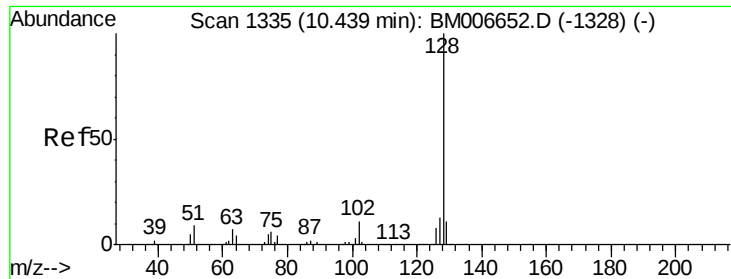
Ion Ratio Lower Upper

162 100

164 64.3 51.6 77.4

98 37.5 30.3 45.5

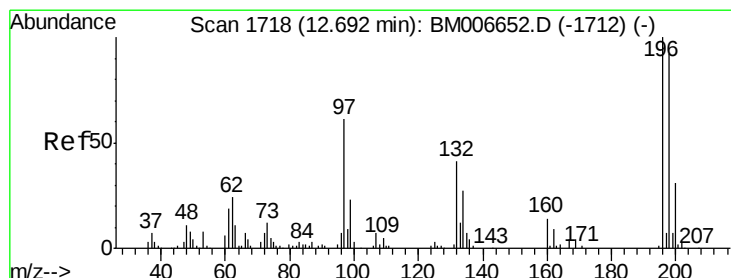
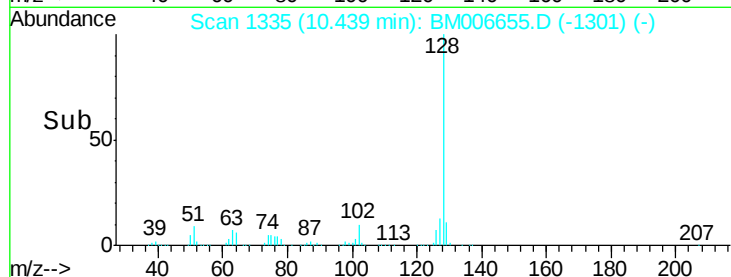
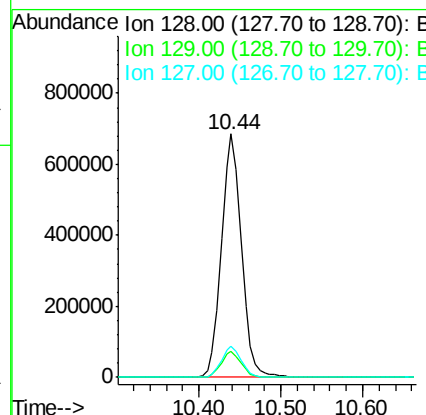
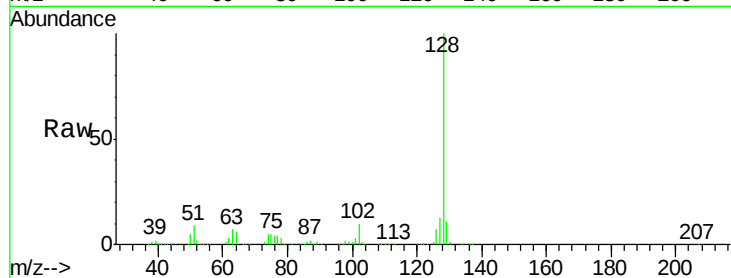




#28
Naphthalene
Concen: 49.34 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BM006655.D
Acq: 26 Jul 2016 18:33

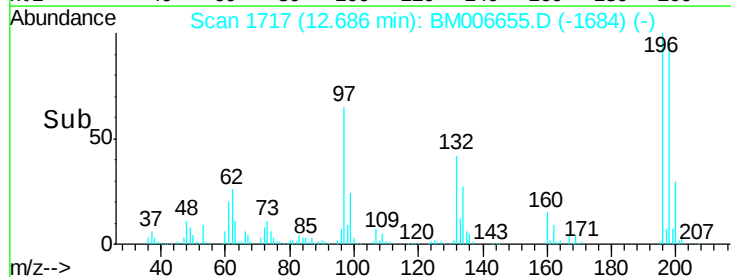
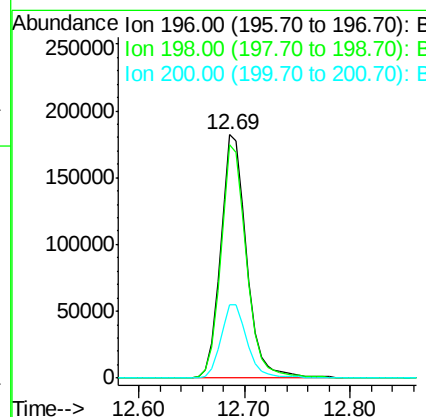
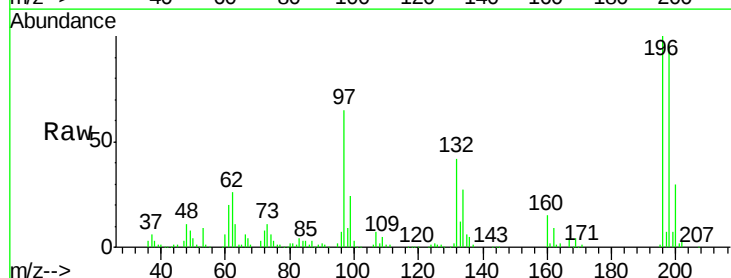
Instrument :
BNA_M
ClientSampleId :
X2552

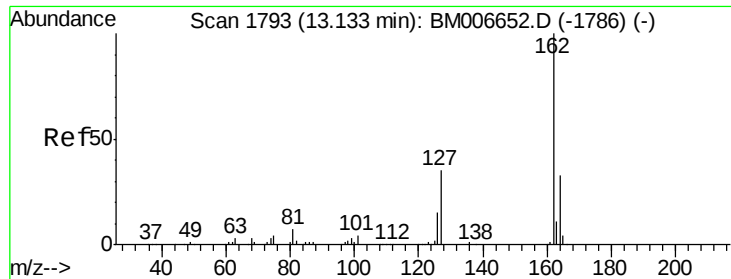
Tgt Ion:128 Resp: 1171711
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.9 16.3



#38
2,4,6-Trichlorophenol
Concen: 52.79 ng/ul
RT: 12.69 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM006655.D
Acq: 26 Jul 2016 18:33

Tgt Ion:196 Resp: 312950
Ion Ratio Lower Upper
196 100
198 96.0 75.9 113.9
200 30.0 24.8 37.2

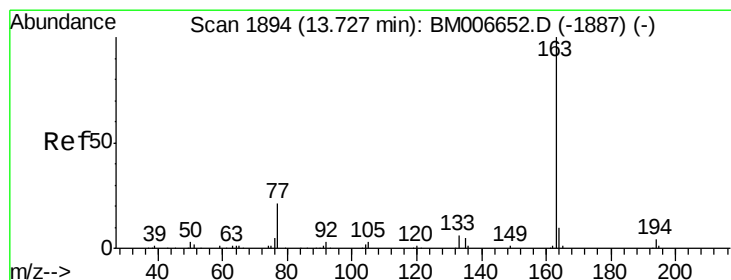
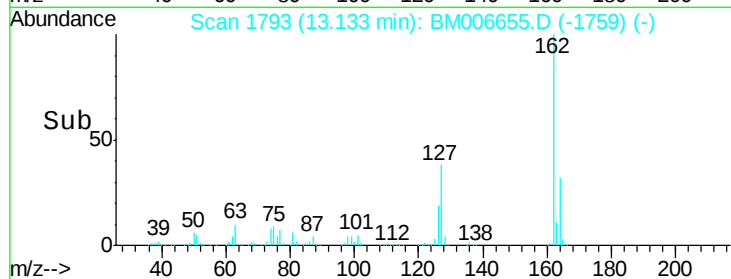
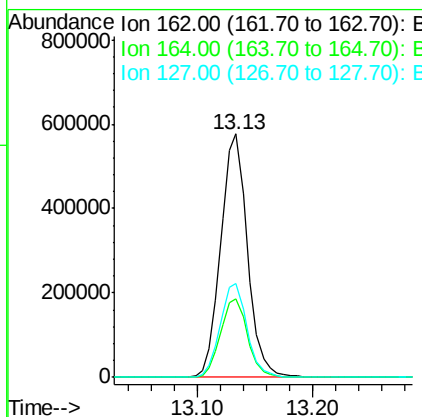
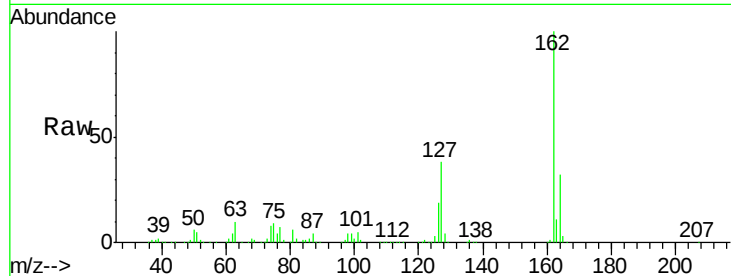




#41
 2-Chloronaphthalene
 Concen: 53.21 ng/ul
 RT: 13.13 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BM006655.D
 Acq: 26 Jul 2016 18:33

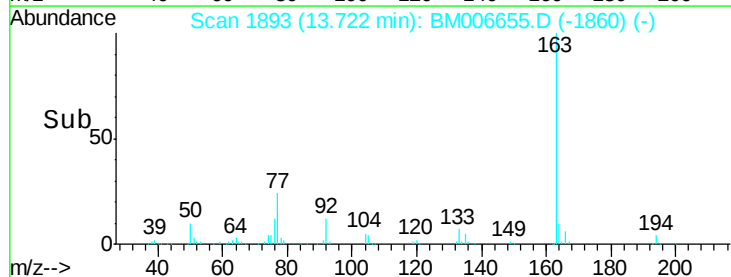
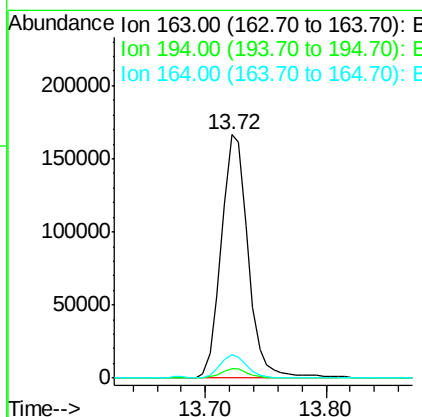
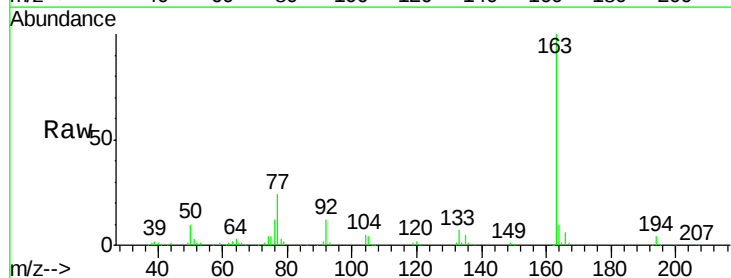
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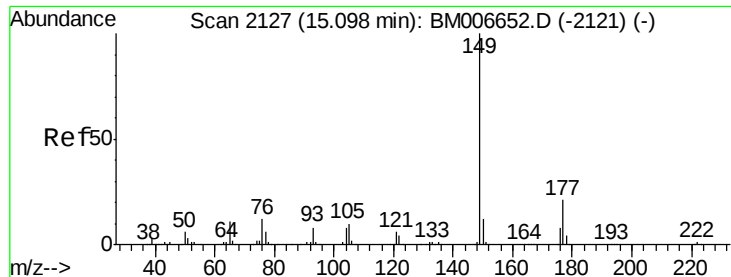
Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.5	26.3	39.5
127	38.4	32.1	48.1



#44
 Dimethylphthalate
 Concen: 11.69 ng/ul
 RT: 13.72 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BM006655.D
 Acq: 26 Jul 2016 18:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.8	7.8	11.8

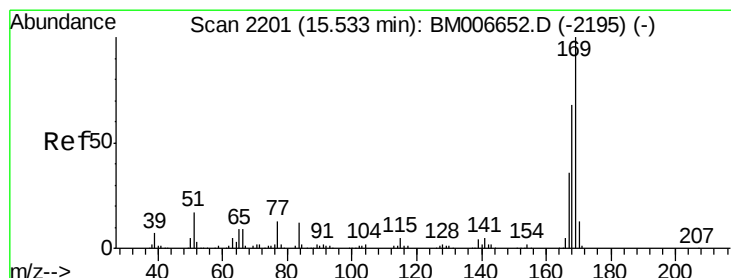
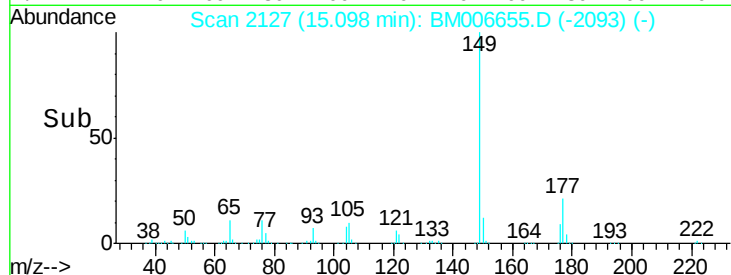
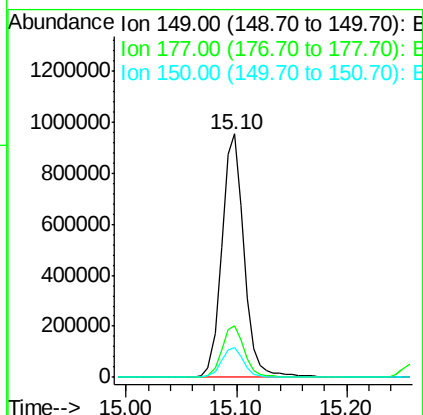
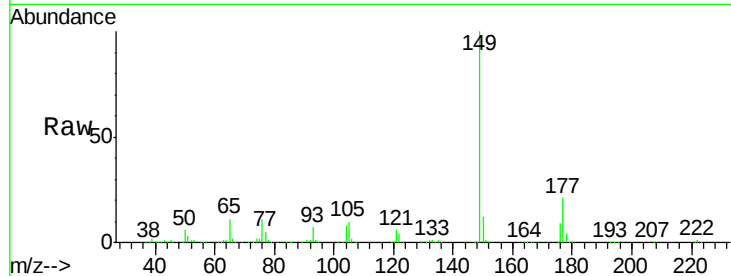




#56
Diethylphthalate
Concen: 57.75 ng/ul
RT: 15.10 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BM006655.D
Acq: 26 Jul 2016 18:33

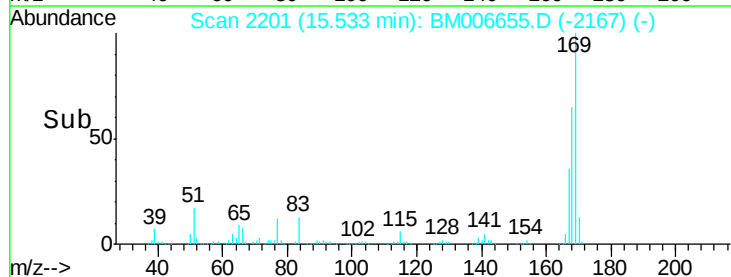
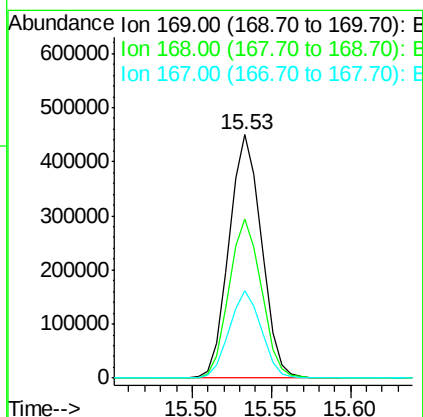
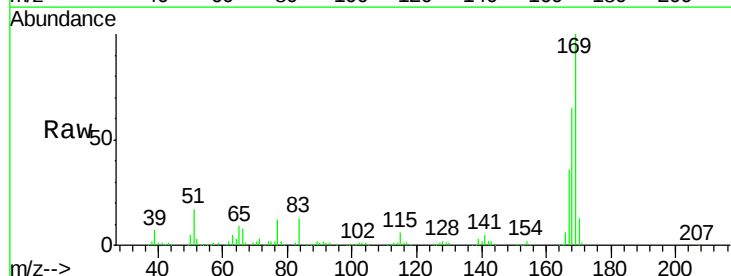
Instrument :
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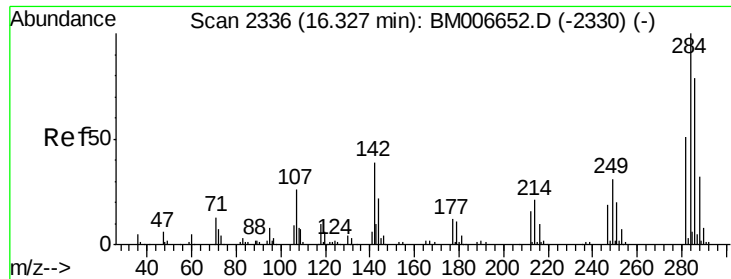
Tgt Ion:149 Resp: 1342317
Ion Ratio Lower Upper
149 100
177 21.4 17.7 26.5
150 12.2 9.8 14.8



#64
N-Nitrosodiphenylamine
Concen: 33.04 ng/ul
RT: 15.53 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BM006655.D
Acq: 26 Jul 2016 18:33

Tgt Ion:169 Resp: 639056
Ion Ratio Lower Upper
169 100
168 65.5 52.9 79.3
167 36.1 28.7 43.1





#66

Hexachlorobenzene

Concen: 39.99 ng/ul

RT: 16.33 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BM006655.D

Acq: 26 Jul 2016 18:33

Instrument :

BNA_M

ClientSampled :

X2552

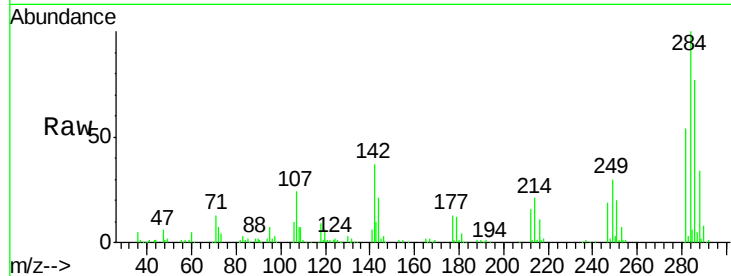
Tgt Ion:284 Resp: 300432

Ion Ratio Lower Upper

284 100

142 37.0 29.7 44.5

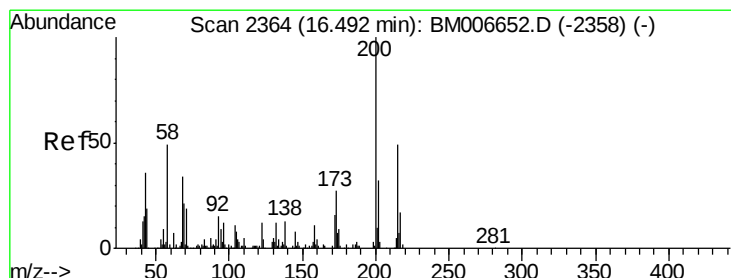
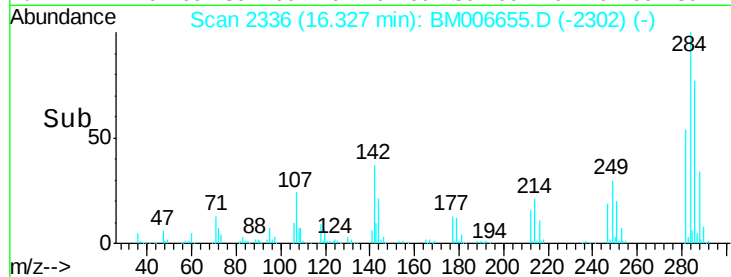
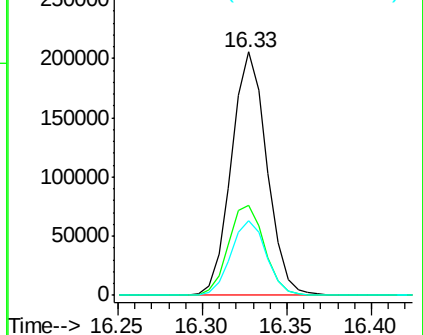
249 30.5 24.7 37.1



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: 45.02 ng/ul

RT: 16.49 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BM006655.D

Acq: 26 Jul 2016 18:33

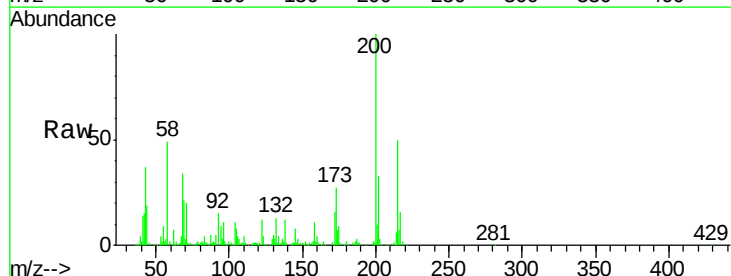
Tgt Ion:200 Resp: 310058

Ion Ratio Lower Upper

200 100

173 26.5 21.4 32.0

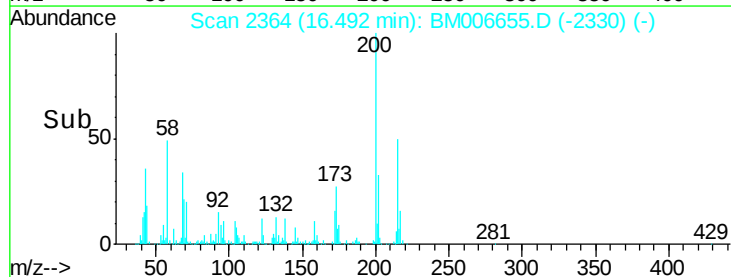
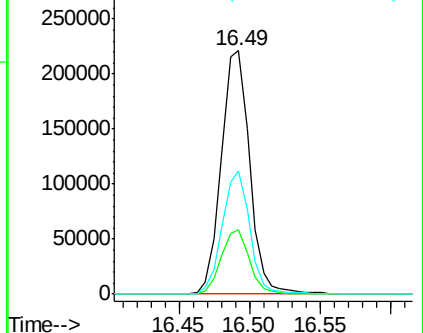
215 50.4 39.2 58.8

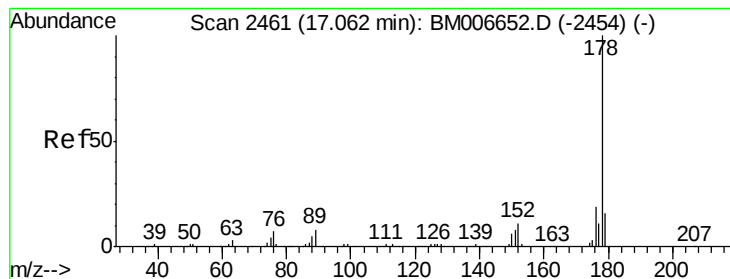


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Phenanthrene

Concen: 45.09 ng/ul

RT: 17.06 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BM006655.D

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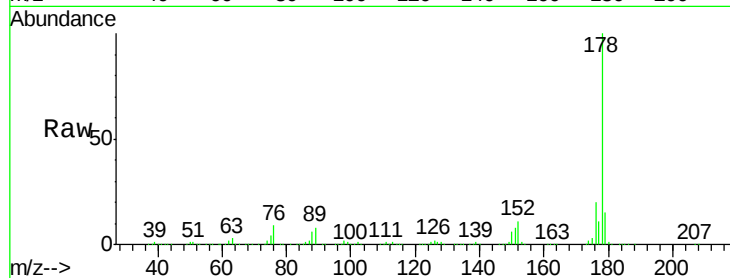
Tgt Ion:178 Resp: 1578887

Ion Ratio Lower Upper

178 100

179 15.2 11.9 17.9

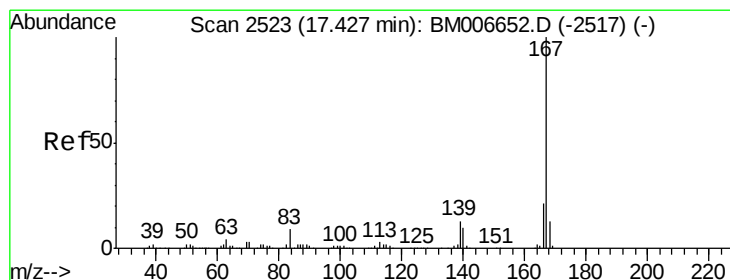
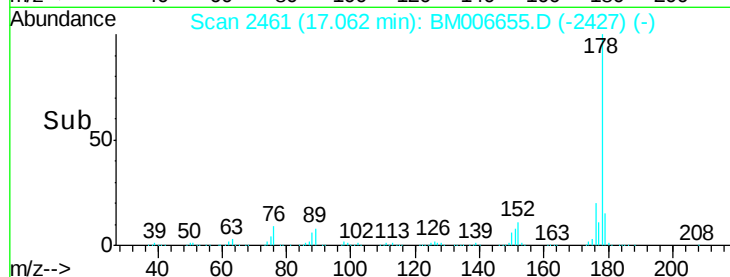
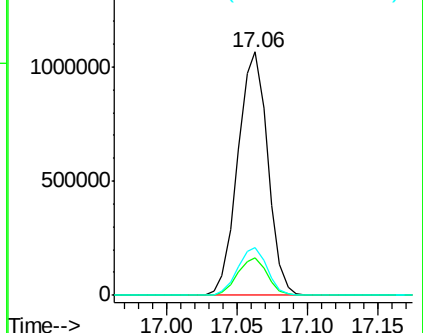
176 19.6 15.2 22.8



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



#72

Carbazole

Concen: 71.97 ng/ul

RT: 17.43 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BM006655.D

Acq: 26 Jul 2016 18:33

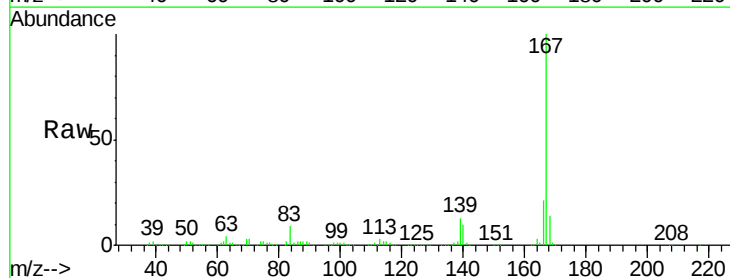
Tgt Ion:167 Resp: 2278811

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

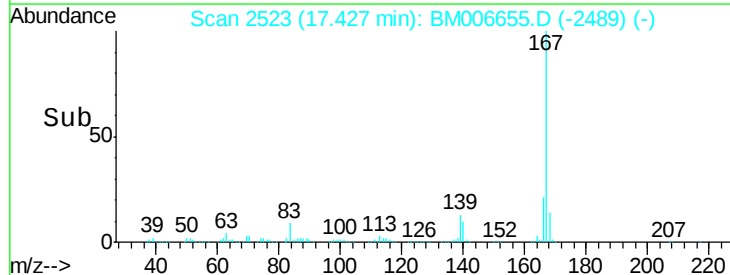
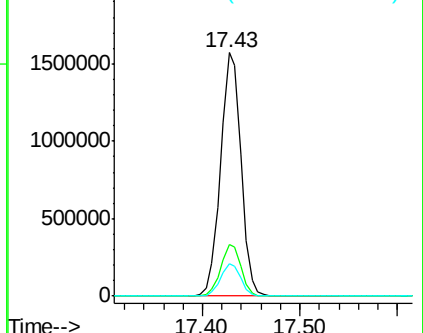
139 13.4 10.2 15.4

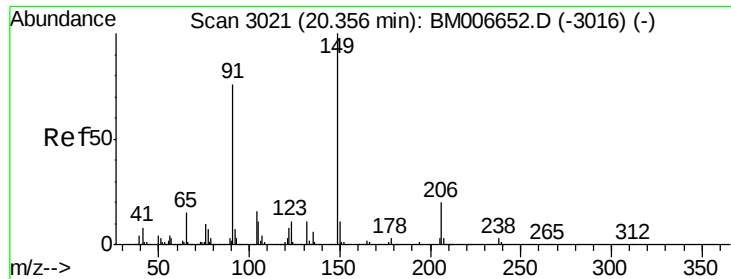


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#78

Butylbenzylphthalate

Concen: 41.33 ng/ul

RT: 20.36 min Scan# 3021

Delta R.T. 0.00 min

Lab File: BM006655.D

Acq: 26 Jul 2016 18:33

Instrument :

BNA_M

ClientSampleId :

X2552

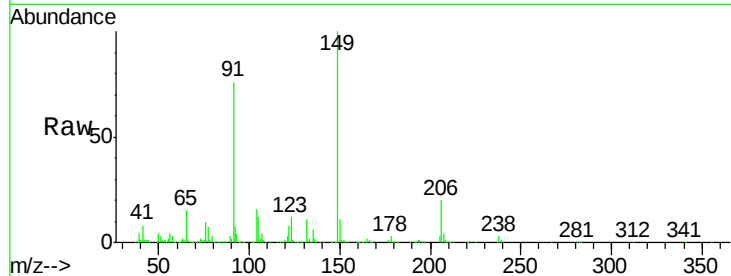
Tgt Ion:149 Resp: 860615

Ion Ratio Lower Upper

149 100

91 75.5 60.9 91.3

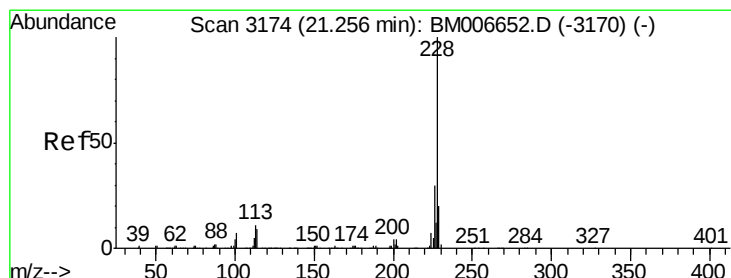
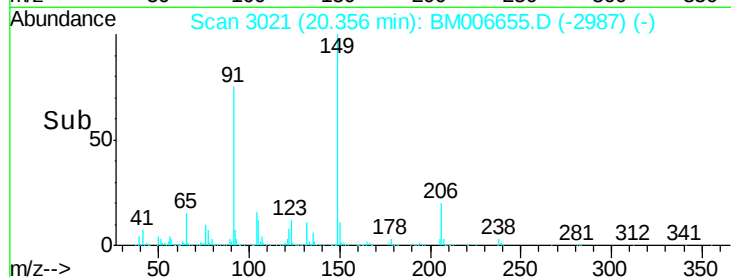
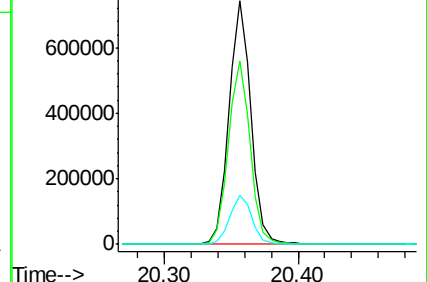
206 20.3 17.2 25.8



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



#82

Chrysene

Concen: 49.26 ng/ul

RT: 21.26 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BM006655.D

Acq: 26 Jul 2016 18:33

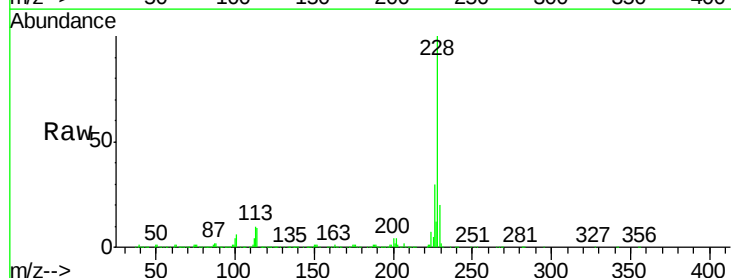
Tgt Ion:228 Resp: 1982947

Ion Ratio Lower Upper

228 100

226 30.1 23.3 34.9

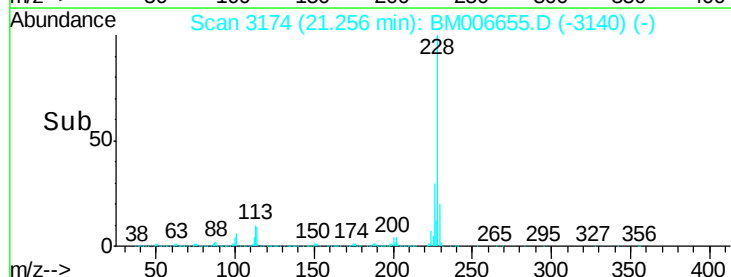
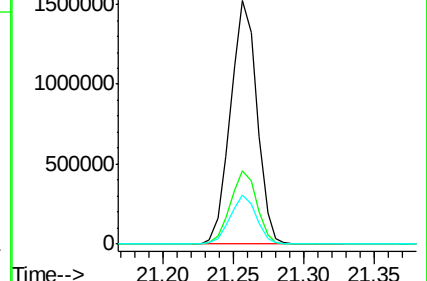
229 20.0 15.8 23.8

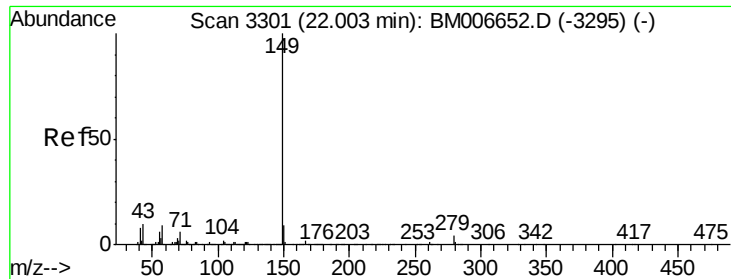


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 64.50 ng/ul

RT: 22.00 min Scan# 3301

Delta R.T. 0.00 min

Lab File: BM006655.D

Acq: 26 Jul 2016 18:33

Instrument :

BNA_M

ClientSampleId :

X2552

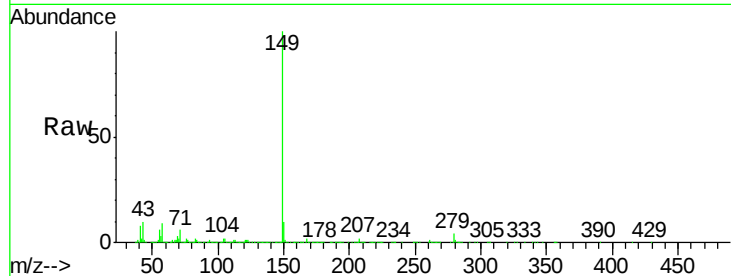
Tgt Ion:149 Resp: 3157202

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

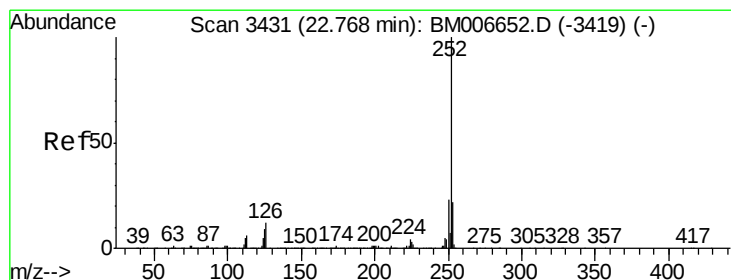
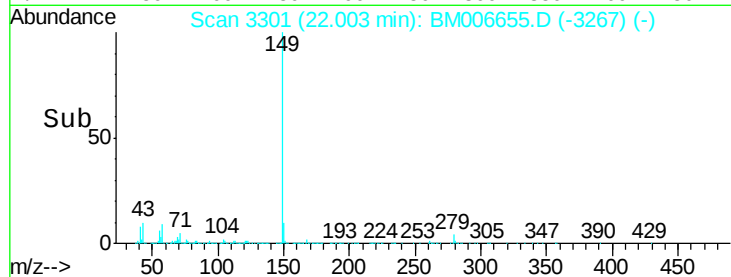
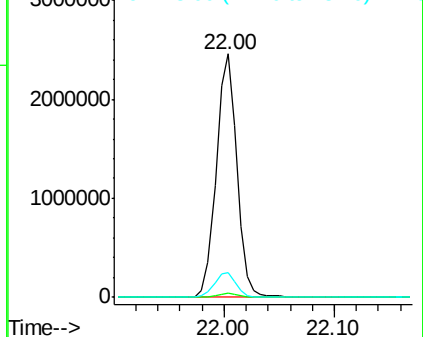
43 10.1 9.1 13.7



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): BM



#85

Benzo(b)fluoranthene

Concen: 59.99 ng/ul

RT: 22.77 min Scan# 3431

Delta R.T. 0.00 min

Lab File: BM006655.D

Acq: 26 Jul 2016 18:33

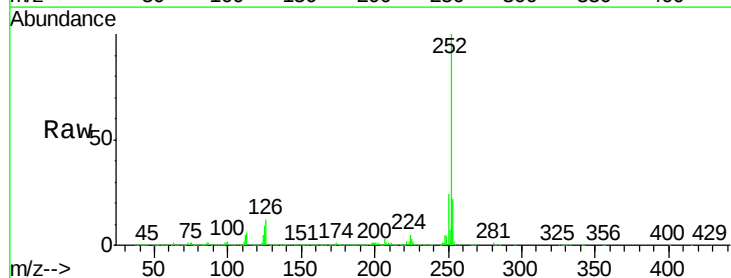
Tgt Ion:252 Resp: 2722199

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

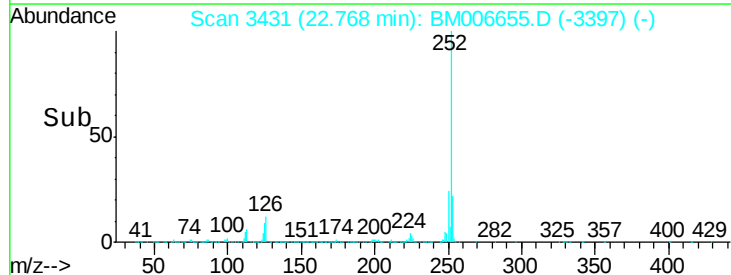
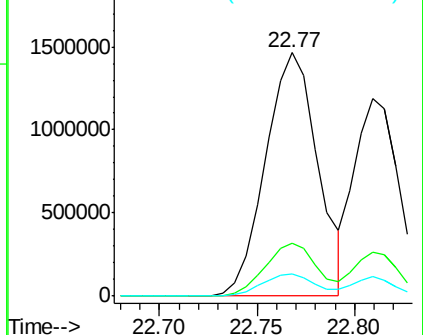
125 9.1 6.7 10.1

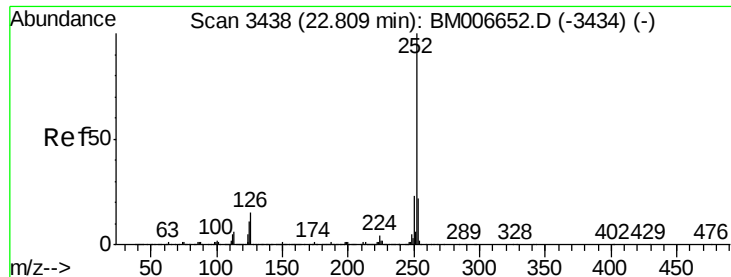


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

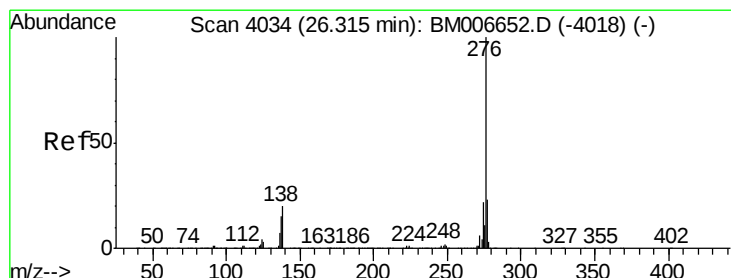
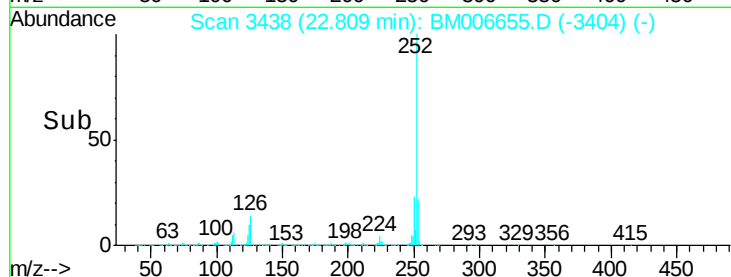
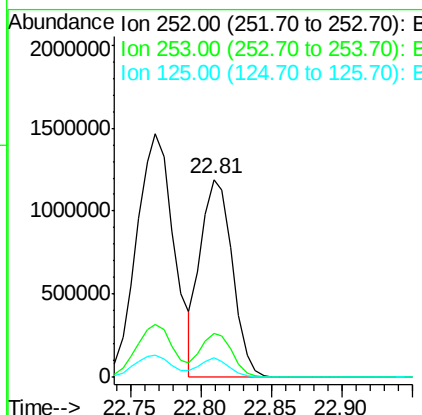
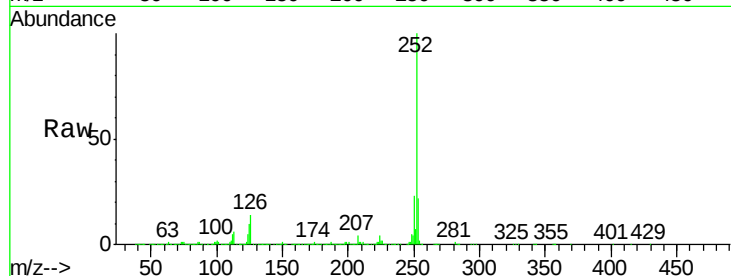




#86
Benzo(k)fluoranthene
Concen: 44.74 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. 0.00 min
Lab File: BM006655.D
Acq: 26 Jul 2016 18:33

Instrument :
BNA_M
ClientSampleId :
X2552

Tgt Ion: 252 Resp: 1861865
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.8 7.0 10.4



#91
Benzo(g,h,i)perylene
Concen: 59.69 ng/ul
RT: 26.31 min Scan# 4034
Delta R.T. 0.00 min
Lab File: BM006655.D
Acq: 26 Jul 2016 18:33

Tgt Ion: 276 Resp: 2615855
Ion Ratio Lower Upper
276 100
138 20.0 15.0 22.4
277 23.5 19.0 28.4

