

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
 Data File : BM007452.D
 Acq On : 07 Sep 2016 23:06
 Operator : UM/SJ
 Sample : H4666-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3A5

Quant Time: Sep 08 03:13:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 08 03:10:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	246702	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1220215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	832892	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2058285	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2492053	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2205987	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	6084	1.26	ng/uL	0.00
5) Phenol-d5	6.96	99	219598	9.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	154715	12.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	193846	11.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	185222	9.11	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	118126	13.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	118311	11.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	218990	10.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	33044	1.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	830129	11.55	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1130832	13.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	13644	1.01	ng/ul	0.01
57) Fluorene-d10	15.42	176	838297	13.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	78360	6.05	ng/ul	0.00
70) Anthracene-d10	17.27	188	1329120	13.82	ng/ul	0.00
76) Pyrene-d10	19.56	212	1599818	15.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1253652	12.34	ng/ul	0.00

Target Compounds

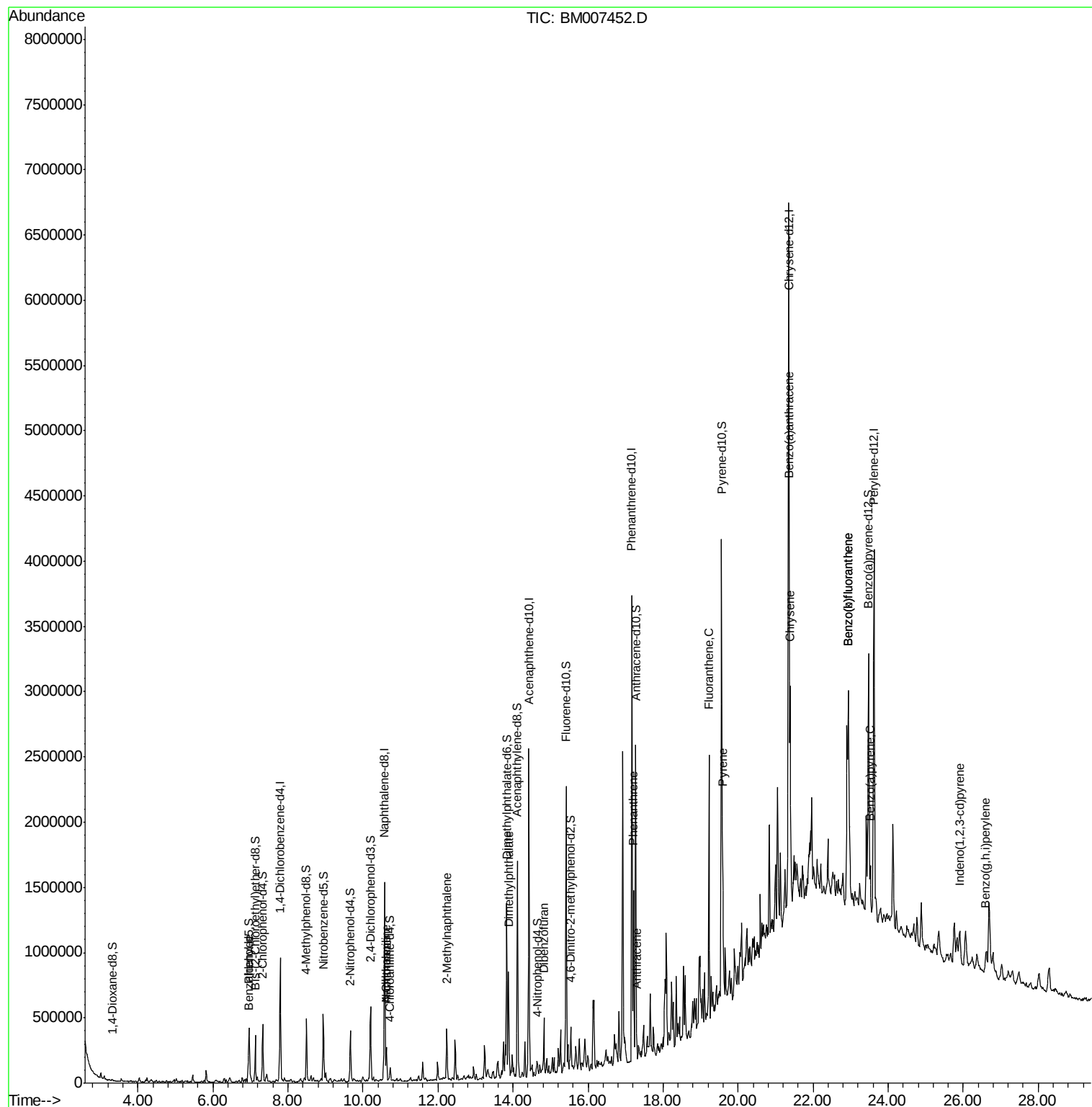
						Qvalue
4) Benzaldehyde	6.94	77	39550	2.98	ng/ul	94
28) Naphthalene	10.63	128	197557	3.26	ng/ul	98
30) 4-Chloroaniline	10.63	127	27032	1.01	ng/ul#	17
34) 2-Methylnaphthalene	12.24	142	179076	3.61	ng/ul	98
44) Dimethylphthalate	13.88	163	487438	6.81	ng/ul	99
53) Dibenzofuran	14.82	168	180255	2.16	ng/ul	97
69) Phenanthrene	17.21	178	780240	7.06	ng/ul	99
71) Anthracene	17.30	178	123112	1.08	ng/ul	95
74) Fluoranthene	19.23	202	1111375	8.01	ng/ul	99
77) Pyrene	19.59	202	758349	5.67	ng/ul	99
80) Benzo(a)anthracene	21.37	228	572786	3.90	ng/ul	93
82) Chrysene	21.39	228	720866	5.42	ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	1297841	9.95	ng/ul	98
86) Benzo(k)fluoranthene	22.94	252	1297841	10.77	ng/ul	99
88) Benzo(a)pyrene	23.52	252	252393	2.02	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.90	276	220996	1.44	ng/ul	94
91) Benzo(g,h,i)perylene	26.61	276	176894	1.36	ng/ul	95

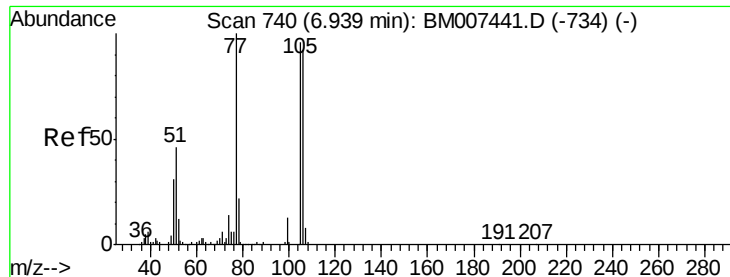
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.98 ng/ul

RT: 6.94 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM007452.D

Acq: 07 Sep 2016 23:06

Instrument :

BNA_M

ClientSampleId :

BD3A5

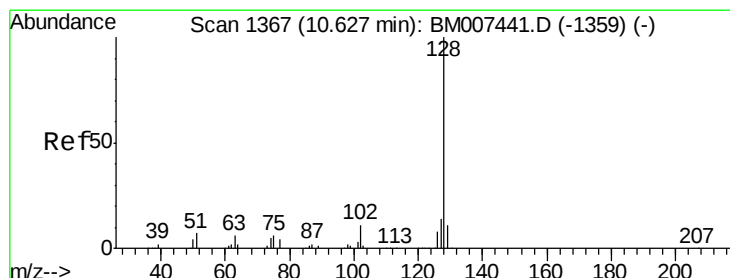
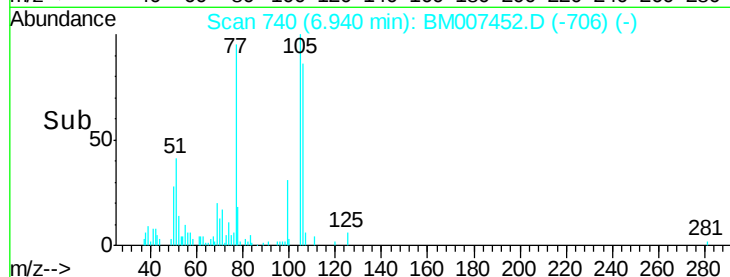
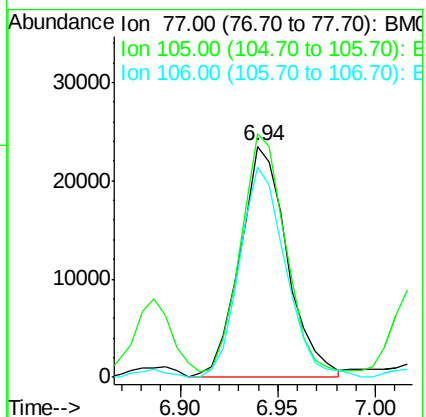
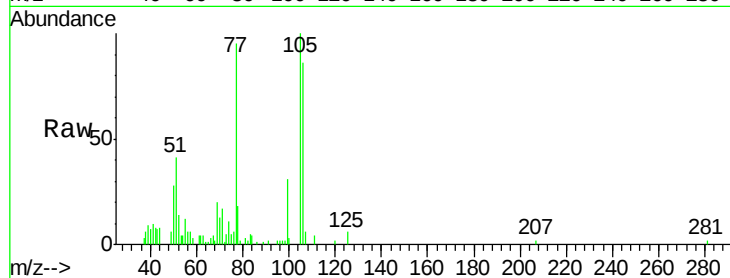
Tgt Ion: 77 Resp: 39550

Ion Ratio Lower Upper

77 100

105 105.4 76.9 115.3

106 91.2 71.8 107.8



#28

Naphthalene

Concen: 3.26 ng/ul

RT: 10.63 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BM007452.D

Acq: 07 Sep 2016 23:06

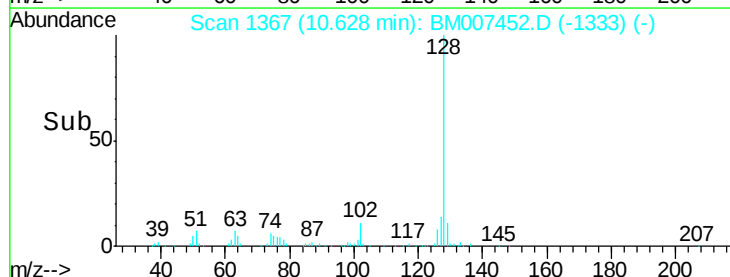
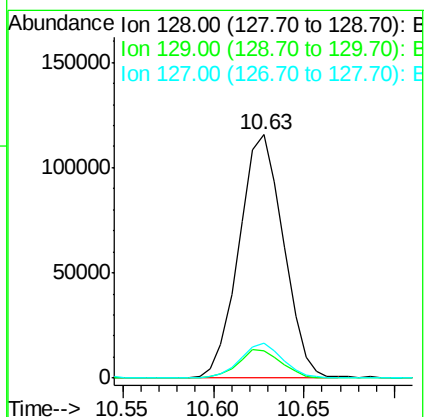
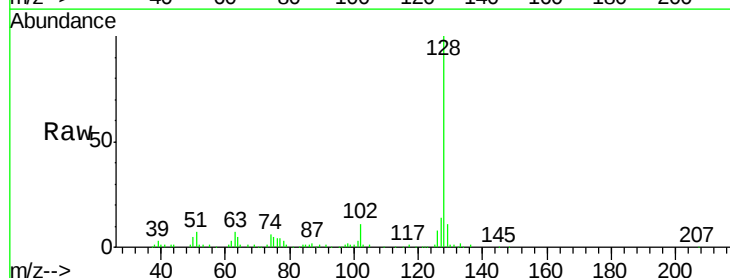
Tgt Ion: 128 Resp: 197557

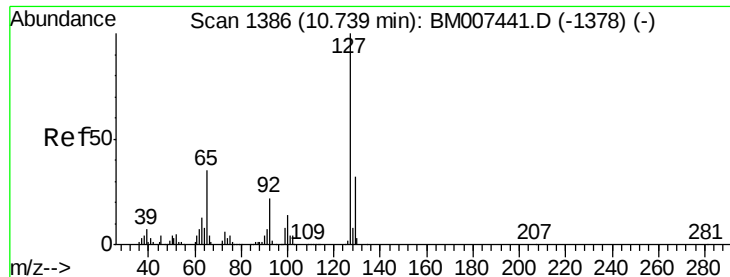
Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 14.4 10.6 15.8

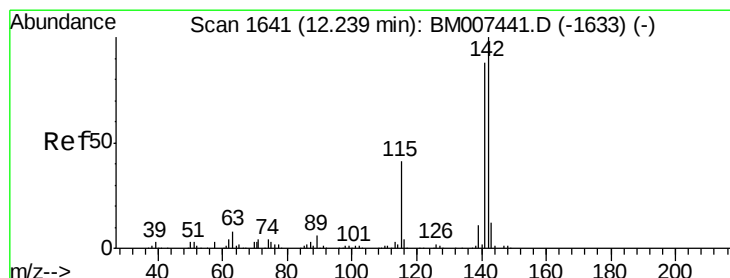
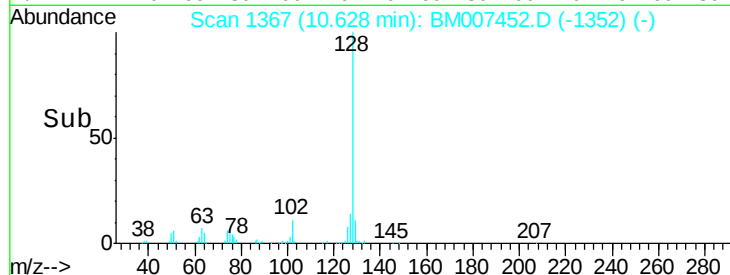
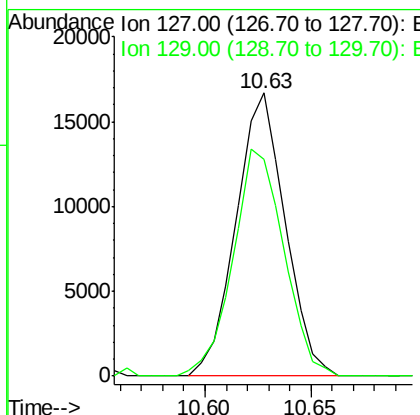
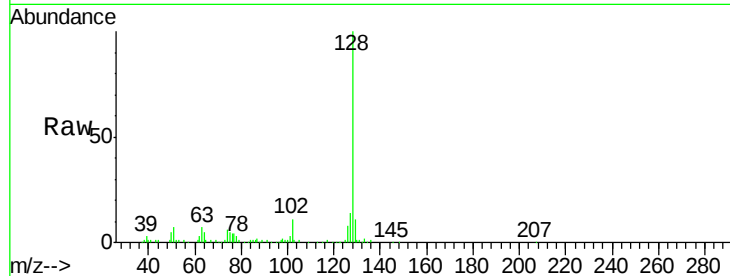




#30
 4-Chloroaniline
 Concen: 1.01 ng/ul
 RT: 10.63 min Scan# 1367
 Delta R.T. -0.11 min
 Lab File: BM007452.D
 Acq: 07 Sep 2016 23:06

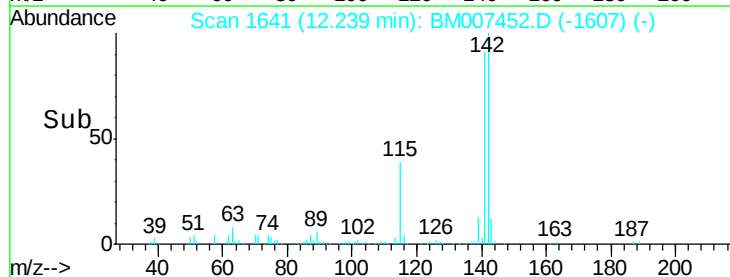
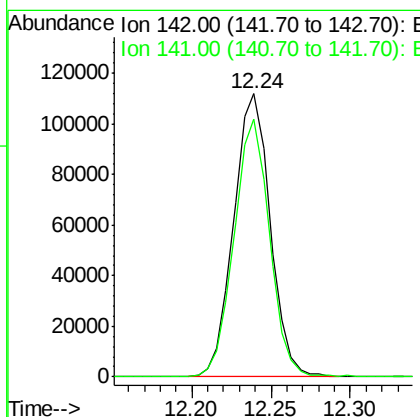
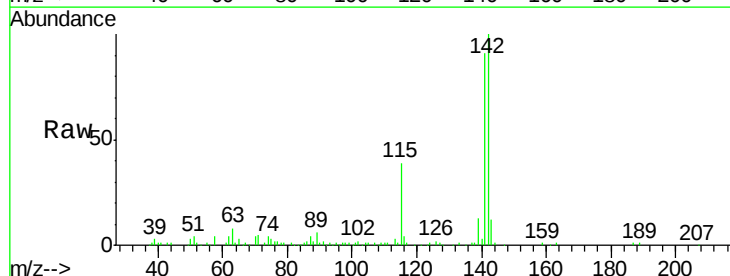
Instrument :
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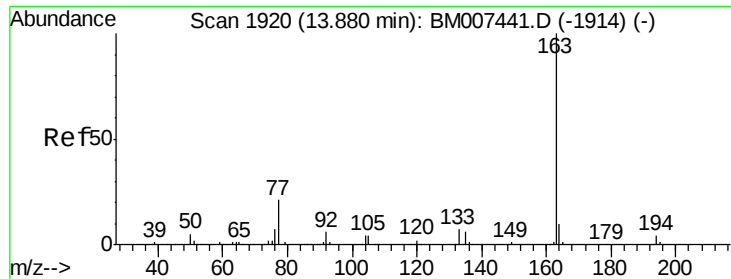
Tgt Ion:127 Resp: 27032
 Ion Ratio Lower Upper
 127 100
 129 76.5 24.6 37.0#



#34
 2-Methylnaphthalene
 Concen: 3.61 ng/ul
 RT: 12.24 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BM007452.D
 Acq: 07 Sep 2016 23:06

Tgt Ion:142 Resp: 179076
 Ion Ratio Lower Upper
 142 100
 141 91.2 71.3 106.9

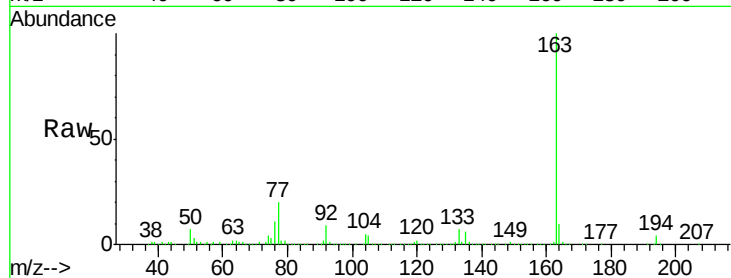




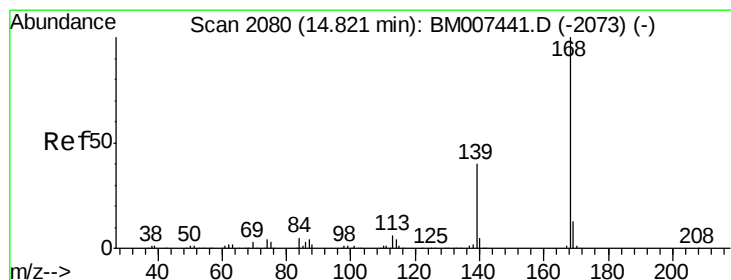
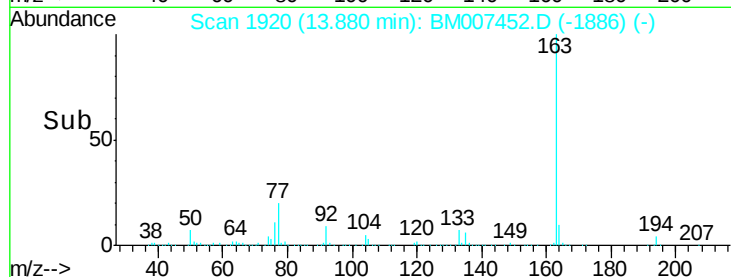
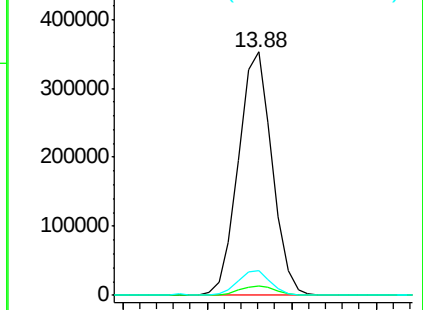
#44
Dimethylphthalate
Concen: 6.81 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM007452.D
Acq: 07 Sep 2016 23:06

Instrument :
BNA_M
ClientSampleId :
BD3A5

Tgt Ion:163 Resp: 487438
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 10.1 7.8 11.8

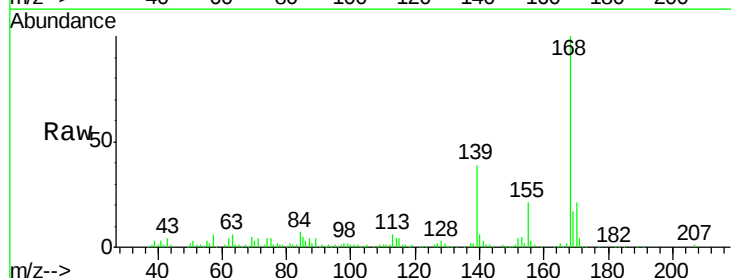


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

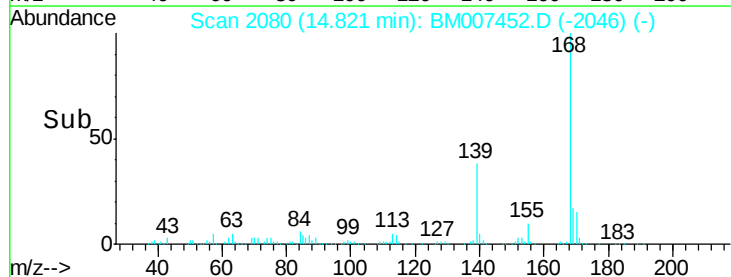
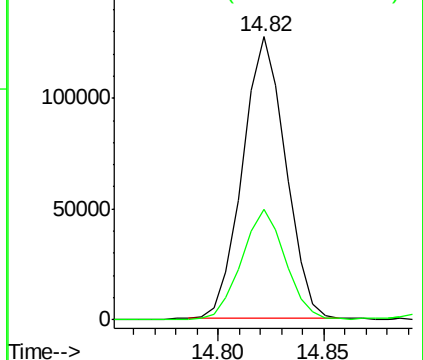


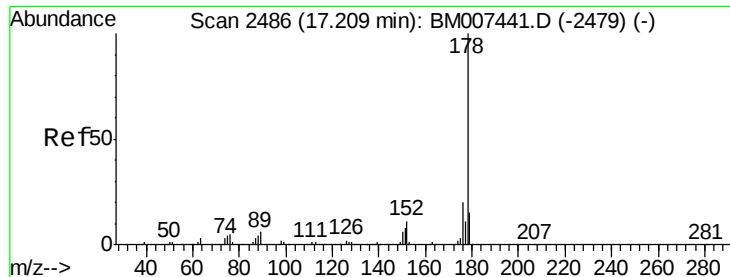
#53
Dibenzofuran
Concen: 2.16 ng/ul
RT: 14.82 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BM007452.D
Acq: 07 Sep 2016 23:06

Tgt Ion:168 Resp: 180255
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1



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





#69

Phenanthrene

Concen: 7.06 ng/ul

RT: 17.21 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BM007452.D

Acq: 07 Sep 2016 23:06

Instrument :

BNA_M

ClientSampleId :

BD3A5

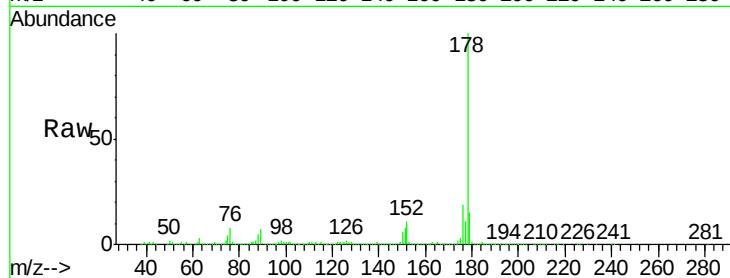
Tgt Ion:178 Resp: 780240

Ion Ratio Lower Upper

178 100

179 14.7 12.2 18.2

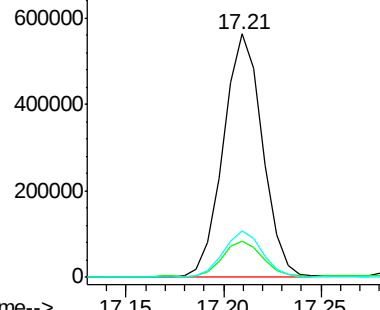
176 19.2 15.1 22.7



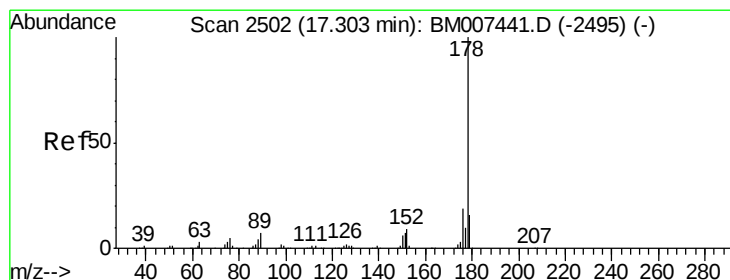
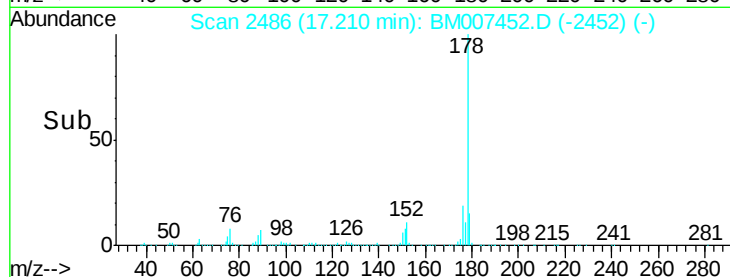
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 1.08 ng/ul

RT: 17.30 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BM007452.D

Acq: 07 Sep 2016 23:06

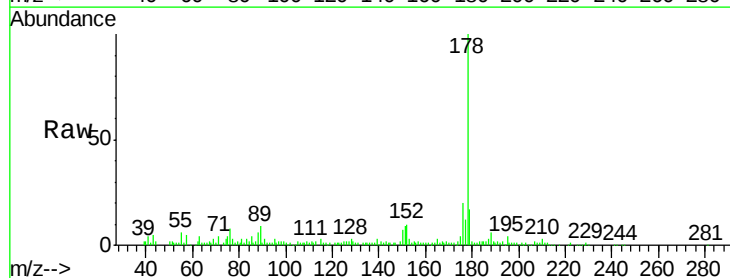
Tgt Ion:178 Resp: 123112

Ion Ratio Lower Upper

178 100

179 17.0 12.1 18.1

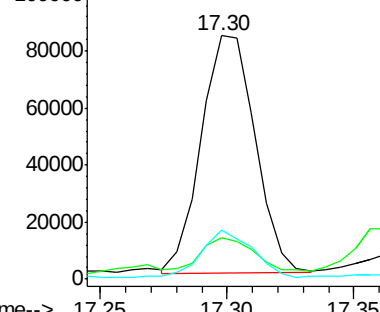
176 20.3 14.5 21.7



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



Time-->

