

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010495.D
 Acq On : 10 Jun 2017 20:58
 Operator : SJ/MA
 Sample : I3522-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C35

Quant Time: Jun 12 07:09:56 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 07:08:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	164789	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	598360	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	413377	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	1037211	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1489045	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1567890	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.36	96	19914	4.96	ng/uL	0.00
5) Phenol-d5	7.08	99	289456	23.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	165938	23.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	256943	25.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	248378	24.65	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	117568	26.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	146649	28.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	305169	29.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	303140	30.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	1020436	29.71	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1112212	27.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	129281	25.16	ng/ul	0.00
57) Fluorene-d10	15.52	176	884159	29.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	172638	23.50	ng/ul	0.00
70) Anthracene-d10	17.38	188	1475535	29.24	ng/ul	0.00
76) Pyrene-d10	19.67	212	1871113	30.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	2093913	28.68	ng/ul	0.00

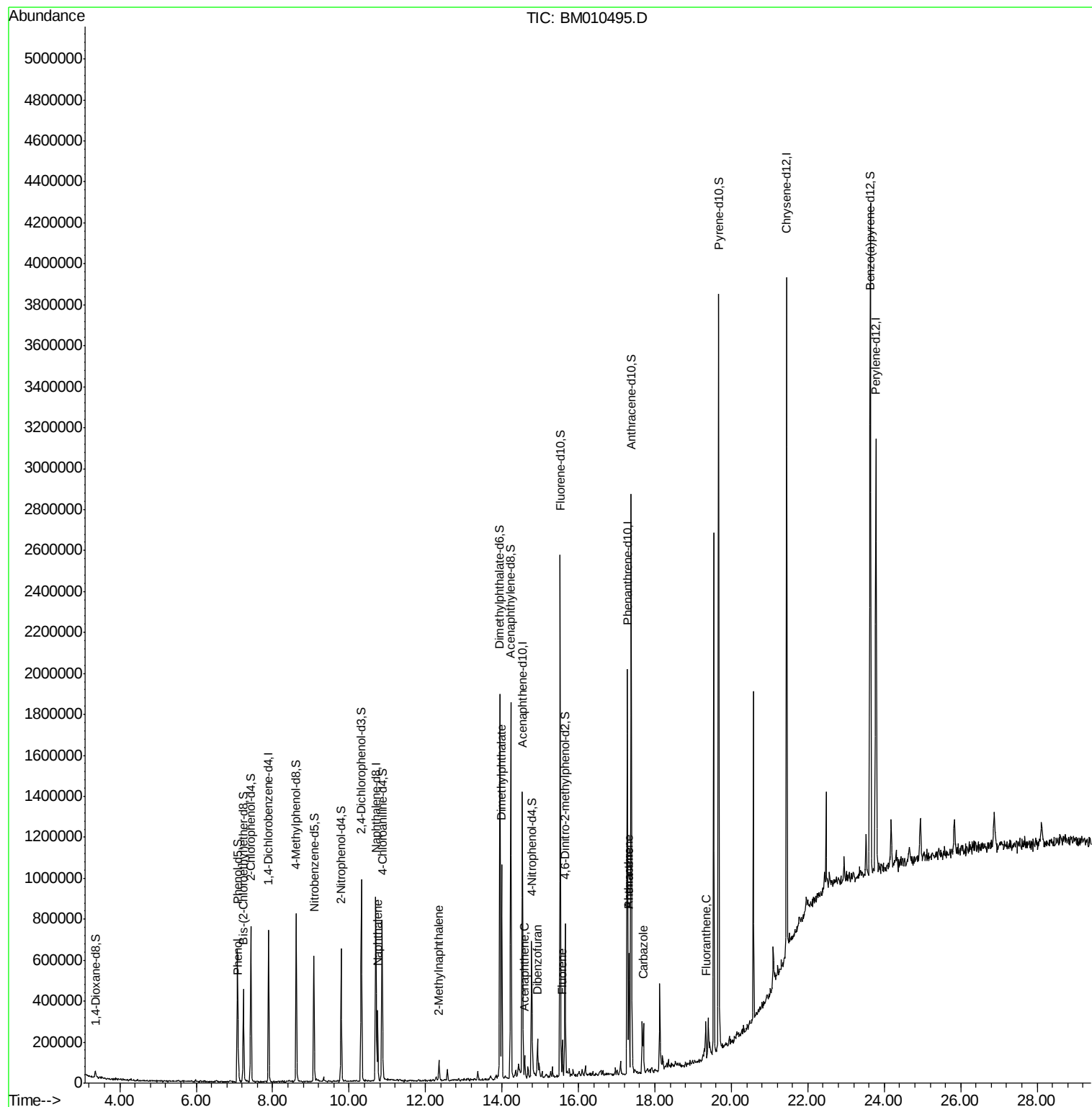
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.10	94	23719	1.853	ng/ul#	82
28) Naphthalene	10.75	128	214698	7.154	ng/ul	98
34) 2-Methylnaphthalene	12.35	142	35477	1.559	ng/ul	85
44) Dimethylphthalate	13.99	163	508405	15.052	ng/ul	99
49) Acenaphthene	14.60	153	39645	1.444	ng/ul	96
53) Dibenzofuran	14.93	168	90884	2.238	ng/ul	99
58) Fluorene	15.58	166	72954	2.190	ng/ul	97
69) Phenanthrene	17.32	178	319525	5.771	ng/ul	100
71) Anthracene	17.32	178	319525	5.528	ng/ul	98
72) Carbazole	17.70	167	125375	2.562	ng/ul	96
74) Fluoranthene	19.33	202	99303	1.458	ng/ul#	92

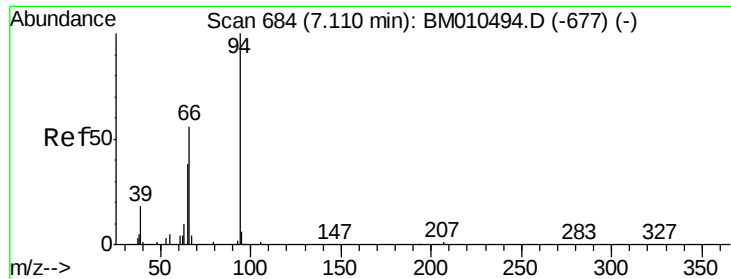
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.853 ng/ul

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM010495.D

Acq: 10 Jun 2017 20:58

Instrument :

BNA_M

ClientSampleId :

F5C35

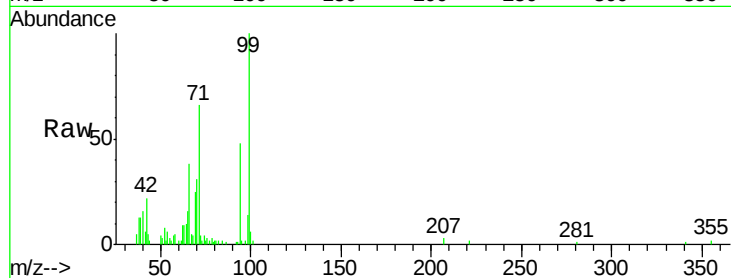
Tgt Ion: 94 Resp: 23719

Ion Ratio Lower Upper

94 100

65 32.7 28.2 42.4

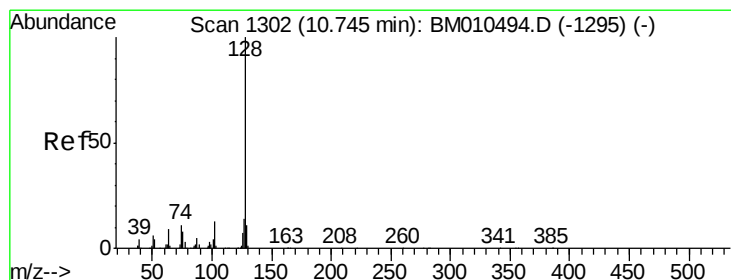
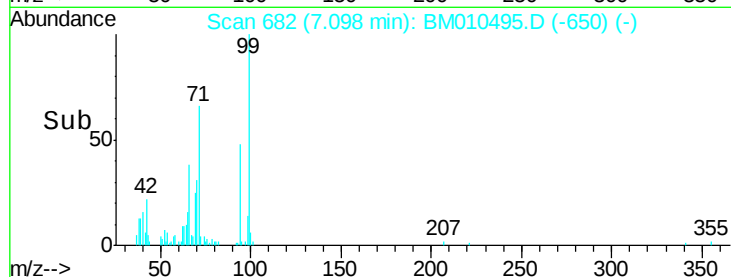
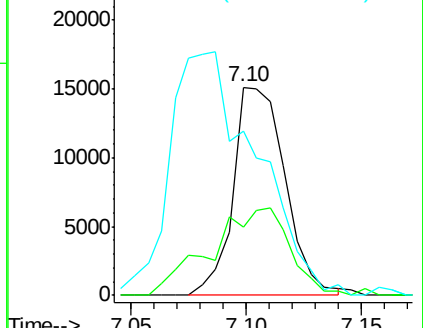
66 79.0 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM010494.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM010494.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM010494.D (-677) (-)



#28

Naphthalene

Concen: 7.154 ng/ul

RT: 10.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BM010495.D

Acq: 10 Jun 2017 20:58

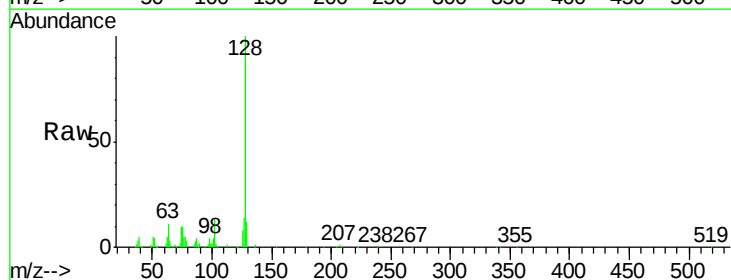
Tgt Ion: 128 Resp: 214698

Ion Ratio Lower Upper

128 100

129 12.2 8.8 13.2

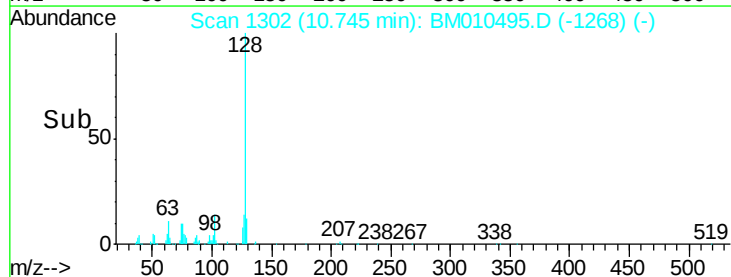
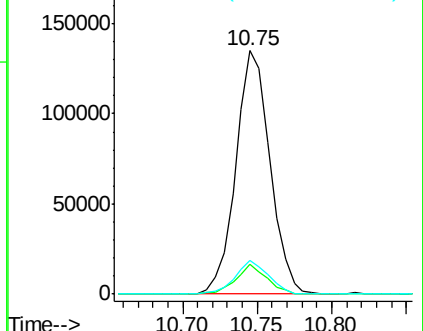
127 14.0 10.6 16.0

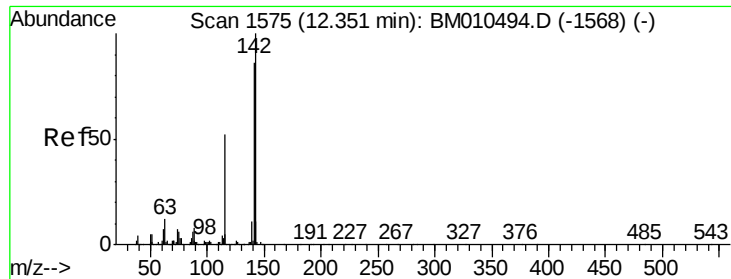


Abundance Ion 128.00 (127.70 to 128.70): BM010494.D (-1295) (-)

Ion 129.00 (128.70 to 129.70): BM010494.D (-1295) (-)

Ion 127.00 (126.70 to 127.70): BM010494.D (-1295) (-)

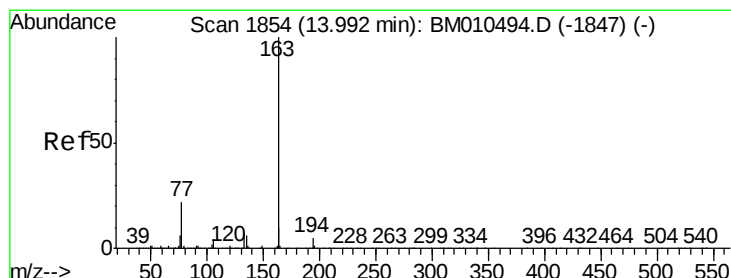
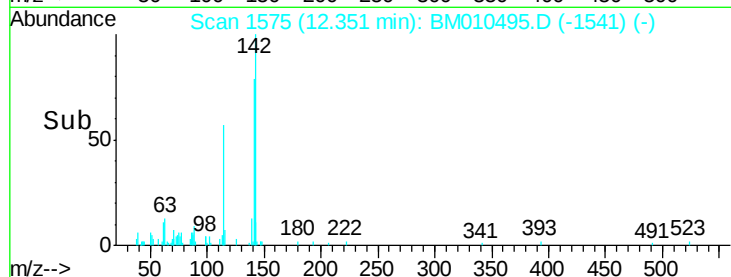
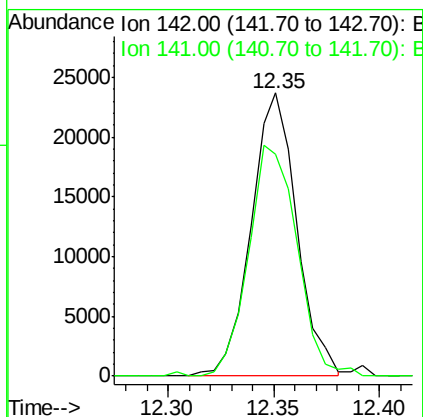
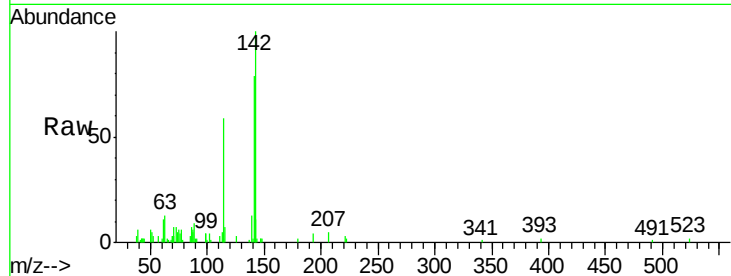




#34
2-Methylnaphthalene
Concen: 1.559 ng/ul
RT: 12.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BM010495.D
Acq: 10 Jun 2017 20:58

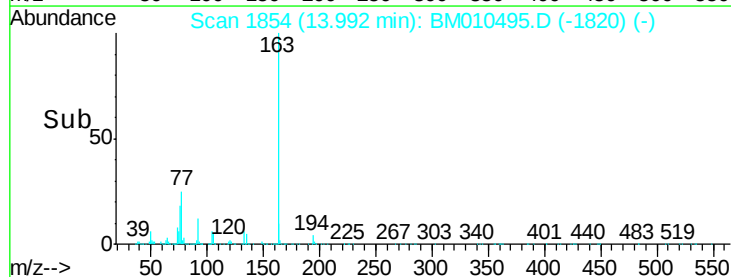
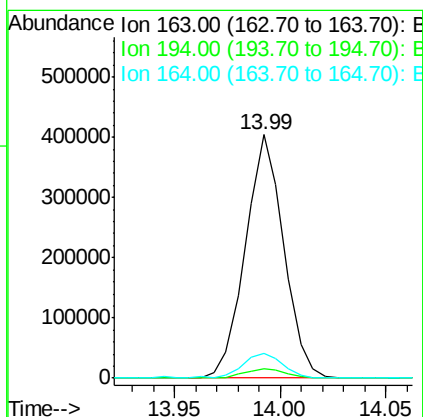
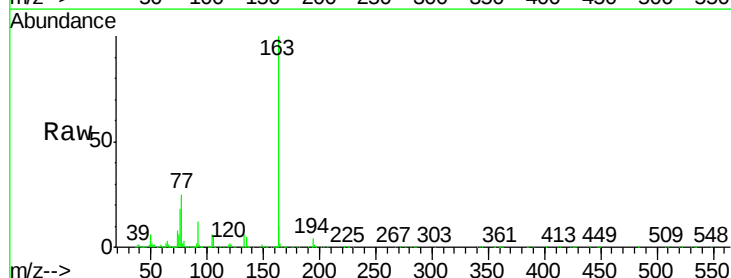
Instrument :
BNA_M
ClientSampleId :
F5C35

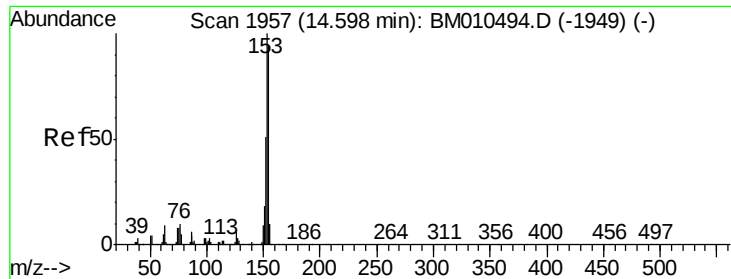
Tgt Ion:142 Resp: 35477
Ion Ratio Lower Upper
142 100
141 78.5 74.1 111.1



#44
Dimethylphthalate
Concen: 15.052 ng/ul
RT: 13.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM010495.D
Acq: 10 Jun 2017 20:58

Tgt Ion:163 Resp: 508405
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.3 8.2 12.4





#49

Acenaphthene

Concen: 1.444 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BM010495.D

Acq: 10 Jun 2017 20:58

Instrument :

BNA_M

ClientSampleId :

F5C35

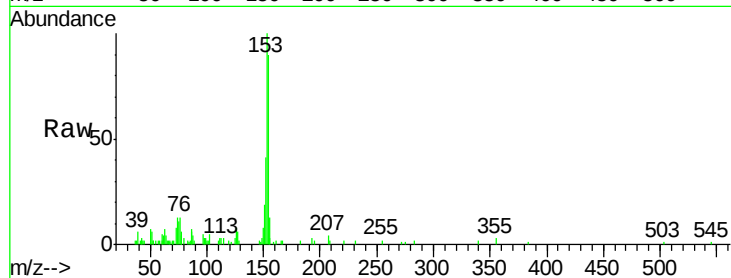
Tgt Ion:153 Resp: 39645

Ion Ratio Lower Upper

153 100

152 40.8 37.6 56.4

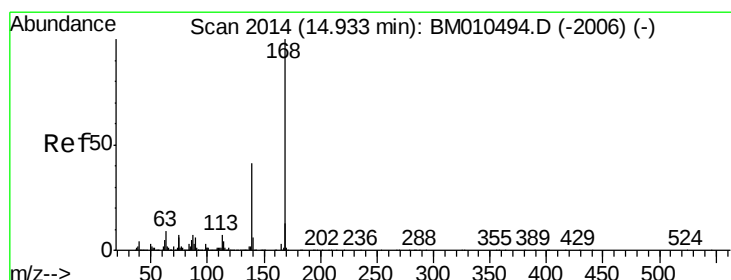
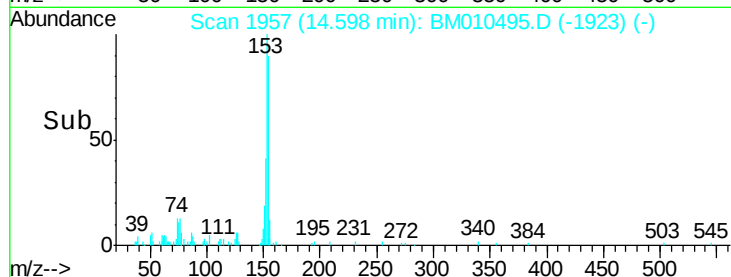
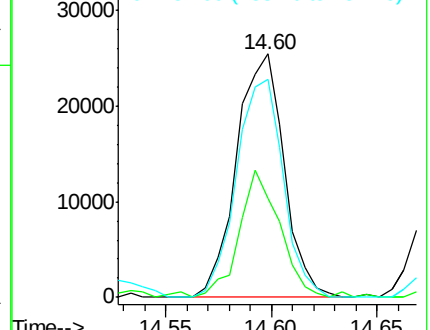
154 89.6 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 2.238 ng/ul

RT: 14.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BM010495.D

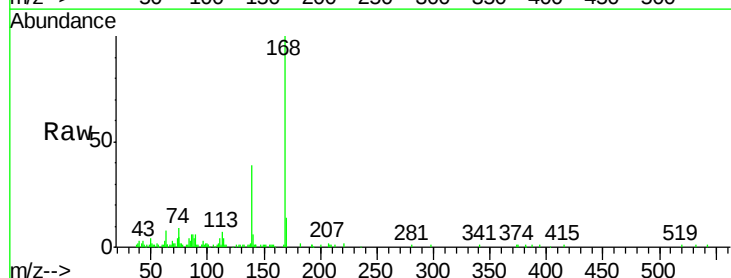
Acq: 10 Jun 2017 20:58

Tgt Ion:168 Resp: 90884

Ion Ratio Lower Upper

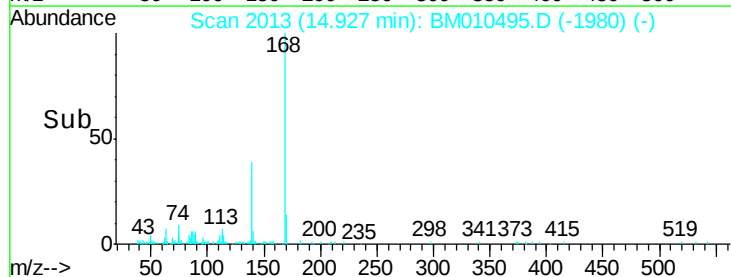
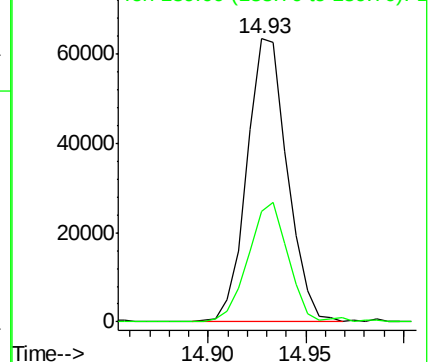
168 100

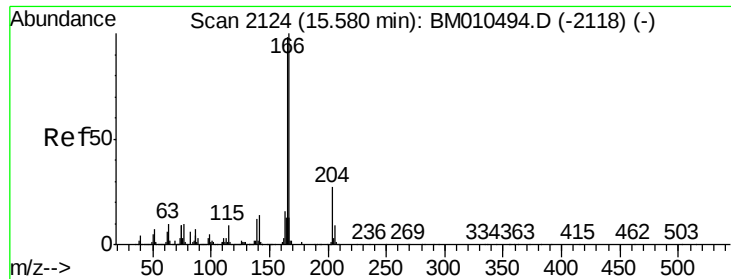
139 39.3 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.190 ng/ul

RT: 15.58 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BM010495.D

Acq: 10 Jun 2017 20:58

Instrument :

BNA_M

ClientSampleId :

F5C35

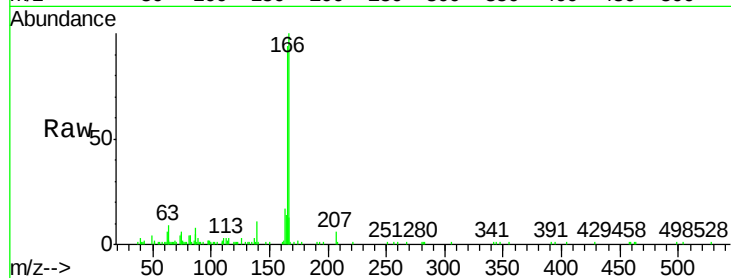
Tgt Ion:166 Resp: 72954

Ion Ratio Lower Upper

166 100

165 94.2 77.9 116.9

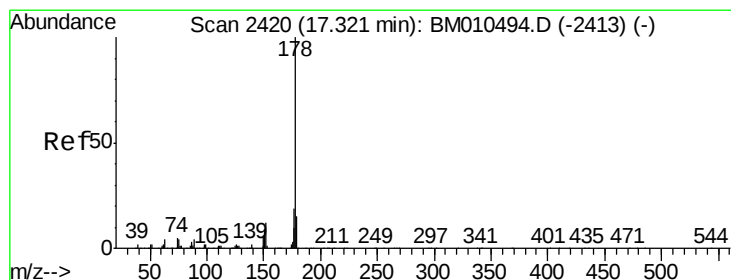
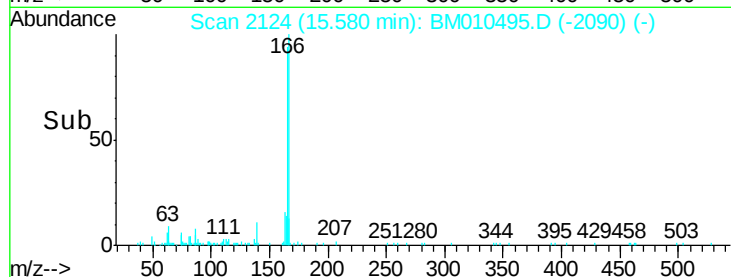
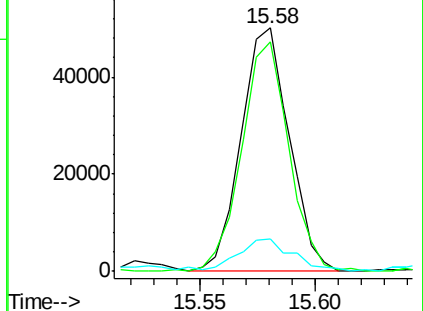
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 5.771 ng/ul

RT: 17.32 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM010495.D

Acq: 10 Jun 2017 20:58

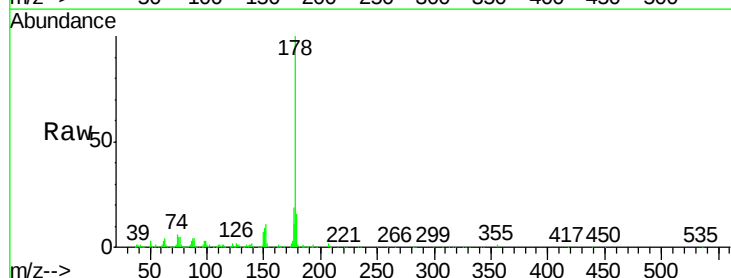
Tgt Ion:178 Resp: 319525

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

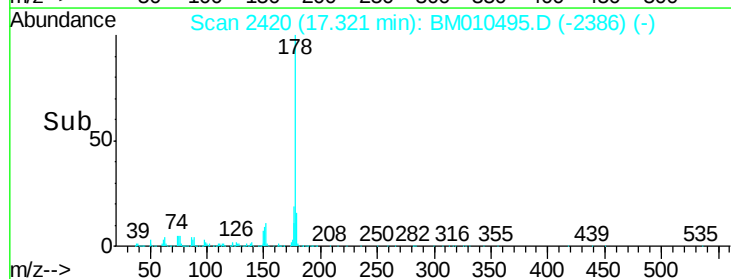
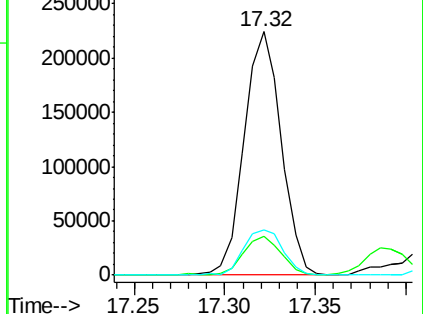
176 18.8 14.9 22.3

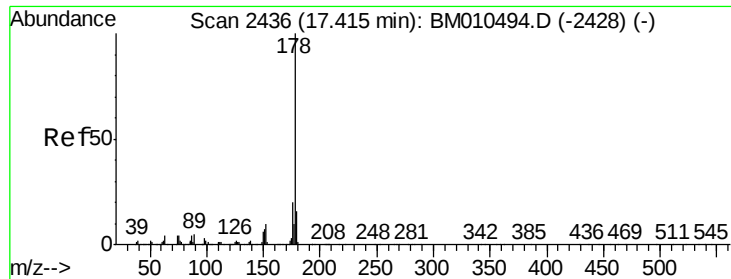


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

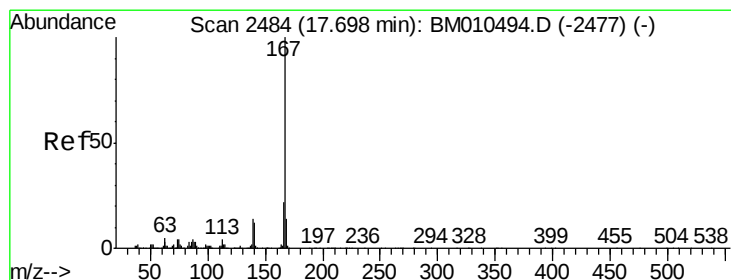
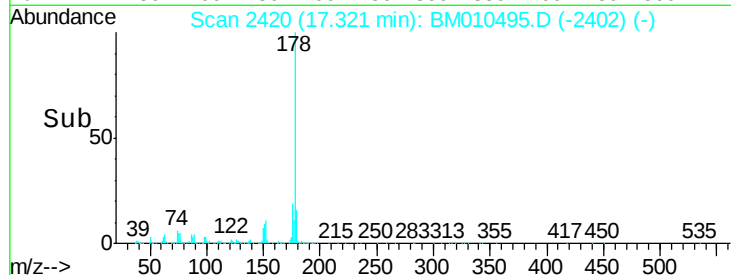
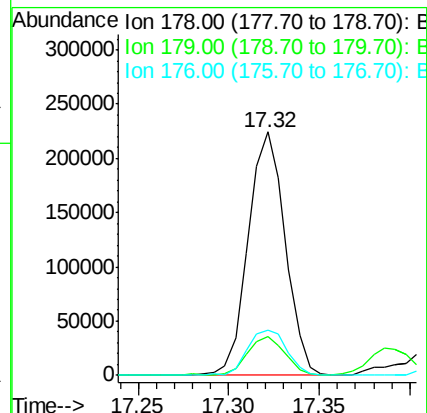
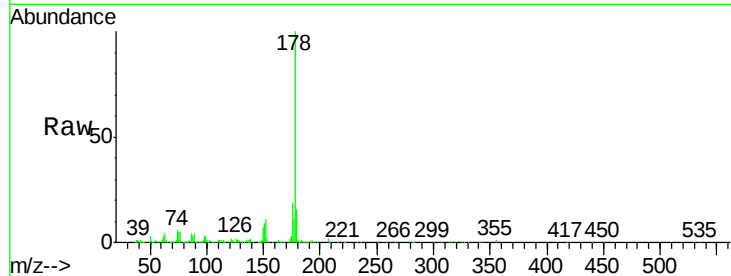




#71
 Anthracene
 Concen: 5.528 ng/ul
 RT: 17.32 min Scan# 2420
 Delta R.T. -0.09 min
 Lab File: BM010495.D
 Acq: 10 Jun 2017 20:58

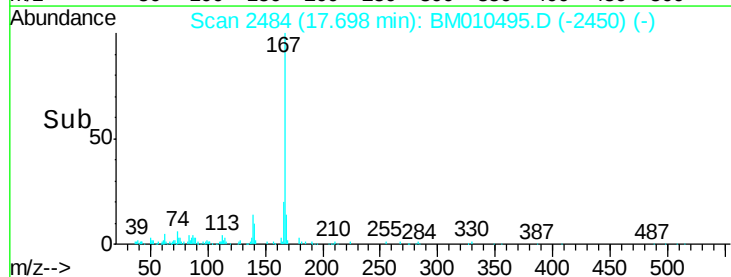
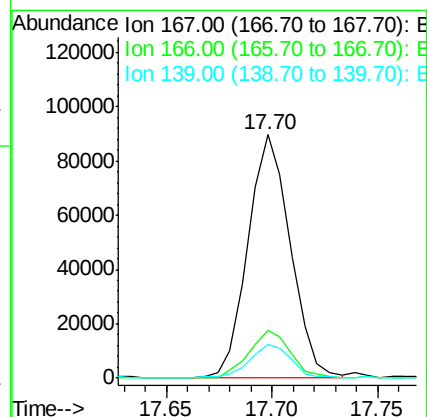
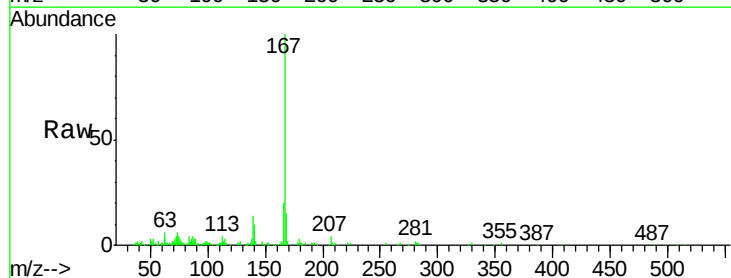
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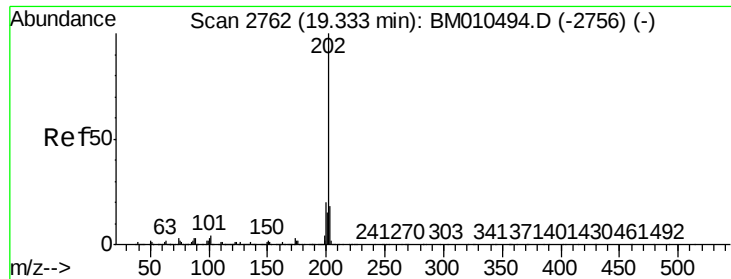
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.7	17.5
176	18.8	14.6	21.8



#72
 Carbazole
 Concen: 2.562 ng/ul
 RT: 17.70 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM010495.D
 Acq: 10 Jun 2017 20:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.5	17.1	25.7
139	14.0	10.0	15.0





#74

Fluoranthene

Concen: 1.458 ng/ul

RT: 19.33 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM010495.D

Acq: 10 Jun 2017 20:58

Instrument :

BNA_M

ClientSampleId :

F5C35

Tgt Ion: 202 Resp: 99303

Ion Ratio Lower Upper

202 100

101 4.2 4.6 7.0#

100 8.8 3.4 5.2#

