

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042016\
 Data File : BM005028.D
 Acq On : 21 Apr 2016 17:25
 Operator : UM/SJ
 Sample : H2567-22DL 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7L9DL

Quant Time: Apr 27 07:18:17 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 22:59:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	40420	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	170970	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	99059	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	225001	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	275959	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	266573	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.98	99	1197	0.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	5070	3.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	5334	2.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	2966	1.24	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	2686	2.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	2753	2.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	5592	2.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	3753	1.44	ng/ul	0.04
43) Dimethylphthalate-d6	13.85	166	22388	3.32	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	26683	3.23	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.43	176	22440	3.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	848	0.87	ng/ul	0.00
70) Anthracene-d10	17.29	188	34062	3.81	ng/ul	0.00
76) Pyrene-d10	19.58	212	38272	3.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	35427	3.45	ng/ul	0.00

Target Compounds

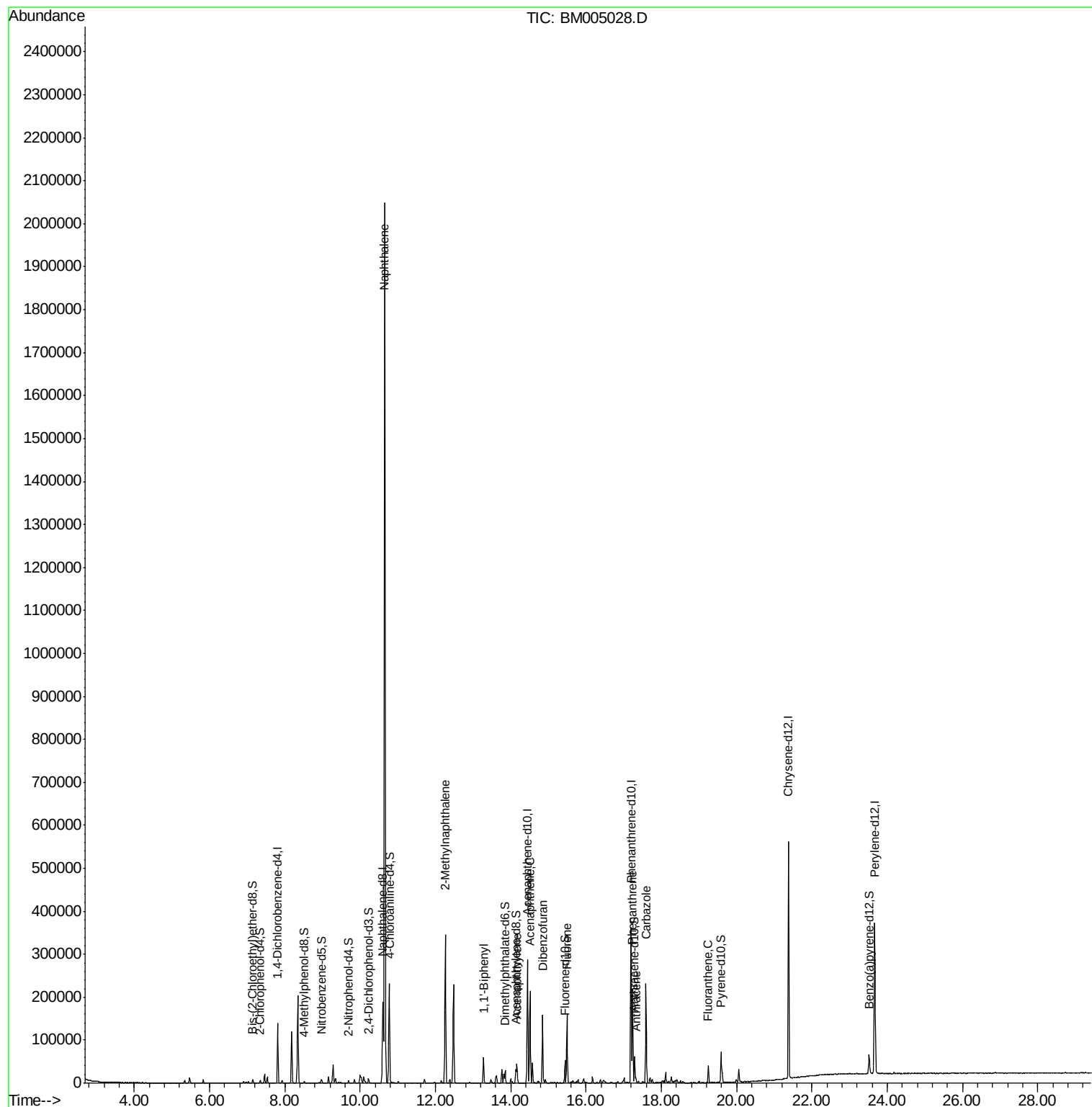
						Qvalue
28) Naphthalene	10.66	128	1930068	253.37	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	167019	30.09	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	34337	4.83	ng/ul	98
47) Acenaphthylene	14.16	152	26190	2.98	ng/ul	97
49) Acenaphthene	14.51	153	92960	16.27	ng/ul	99
53) Dibenzofuran	14.84	168	108230	13.09	ng/ul	98
58) Fluorene	15.49	166	73581	11.57	ng/ul	100
69) Phenanthrene	17.23	178	134131	12.77	ng/ul	99
71) Anthracene	17.32	178	13319	1.25	ng/ul	98
72) Carbazole	17.59	167	144007	16.10	ng/ul	99
74) Fluoranthene	19.24	202	26229	2.42	ng/ul	99

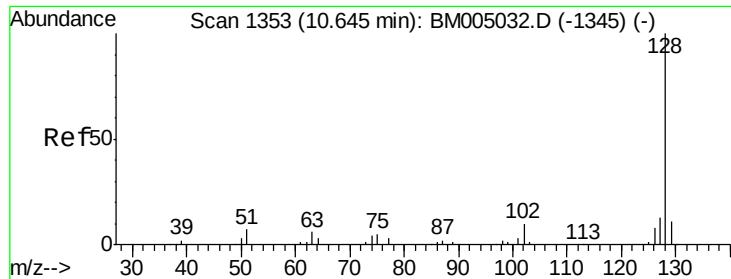
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 253.37 ng/ul

RT: 10.66 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BM005028.D

Acq: 21 Apr 2016 17:25

Instrument :

BNA_M

ClientSampleId :

BC7L9DL

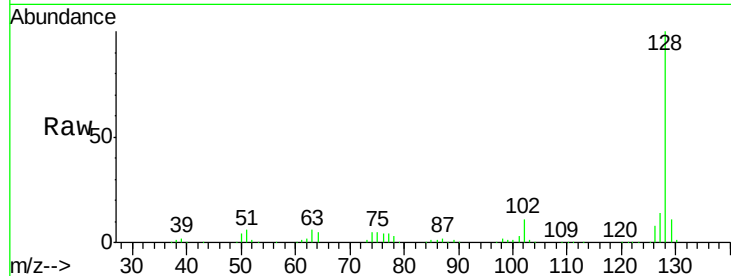
Tgt Ion:128 Resp: 1930068

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

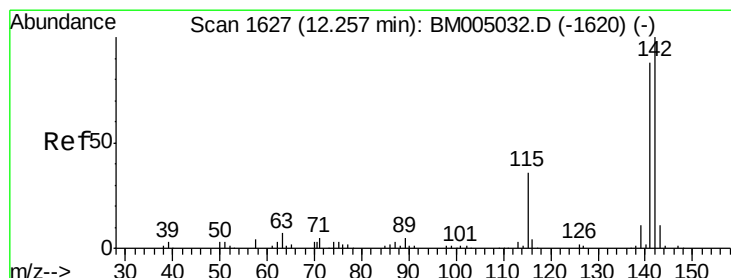
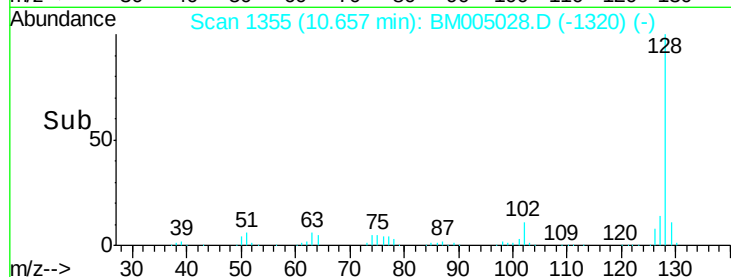
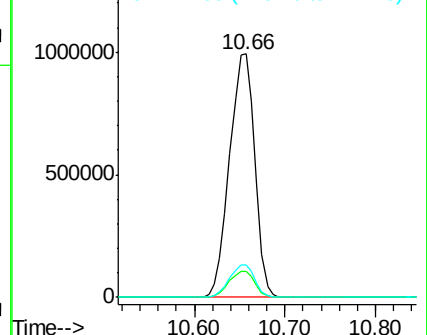
127 13.5 10.6 15.8



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



#34

2-Methylnaphthalene

Concen: 30.09 ng/ul

RT: 12.26 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BM005028.D

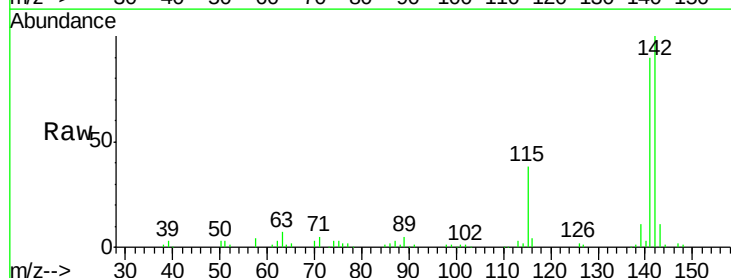
Acq: 21 Apr 2016 17:25

Tgt Ion:142 Resp: 167019

Ion Ratio Lower Upper

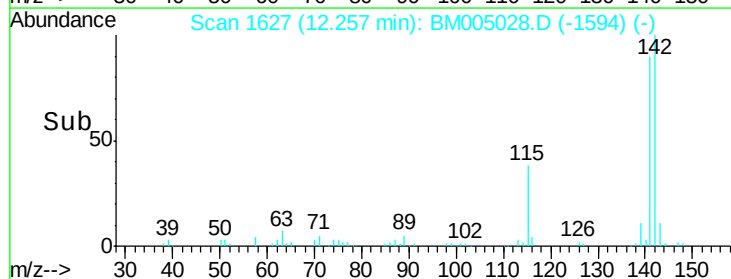
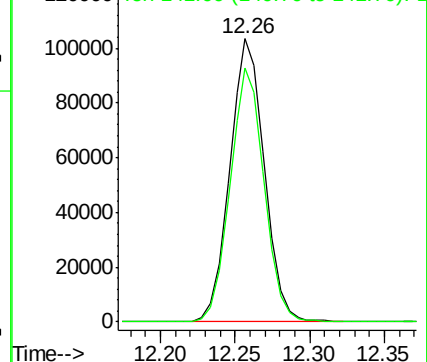
142 100

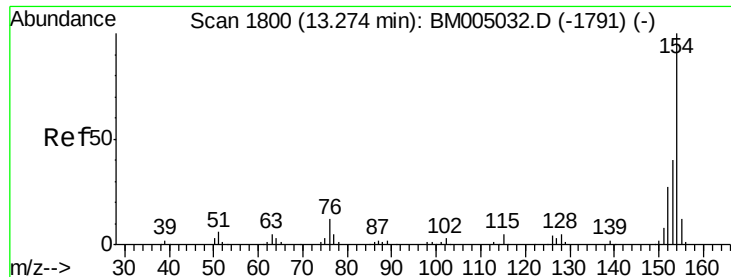
141 89.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

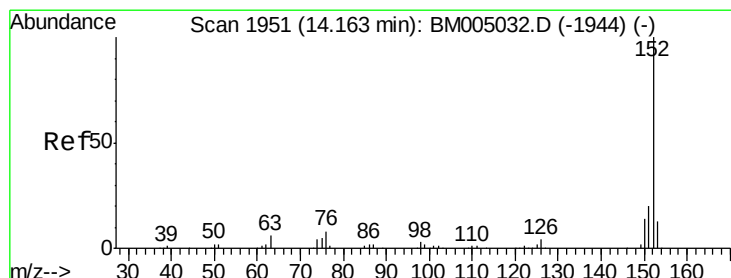
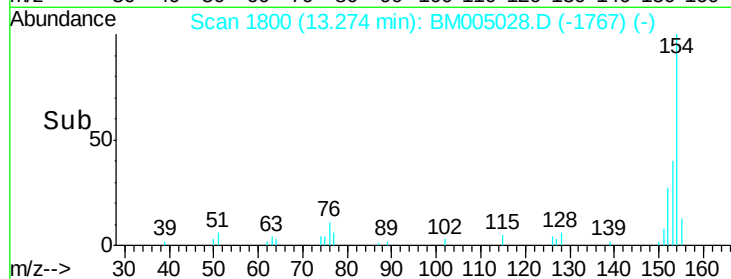
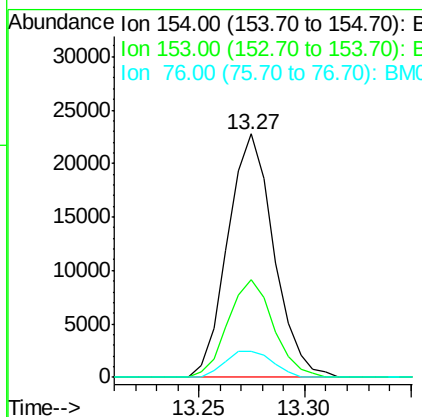
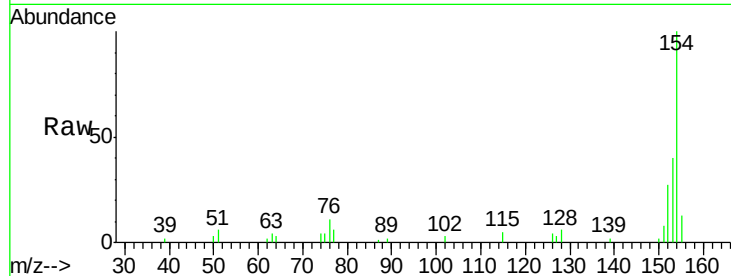




#40
 1,1'-Biphenyl
 Concen: 4.83 ng/ul
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BM005028.D
 Acq: 21 Apr 2016 17:25

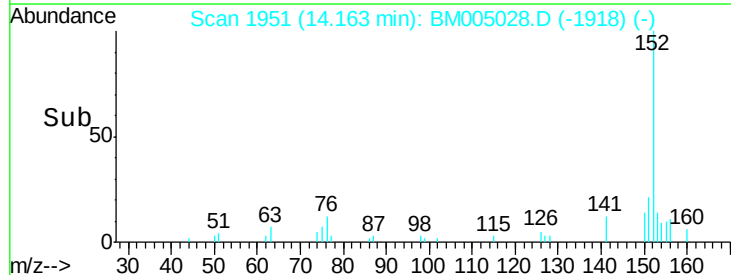
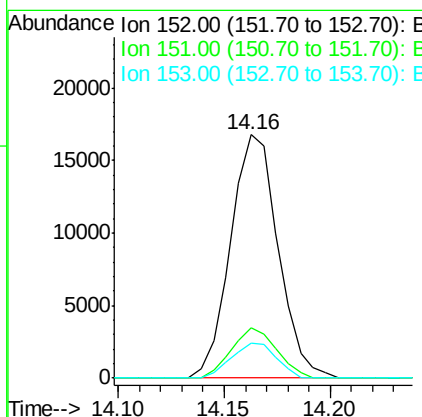
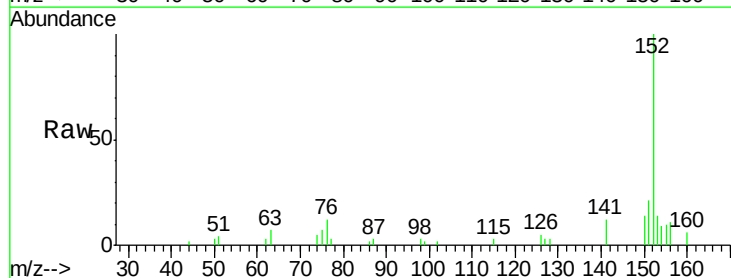
Instrument :
 BNA_M
 ClientSampleId :
 BC7L9DL

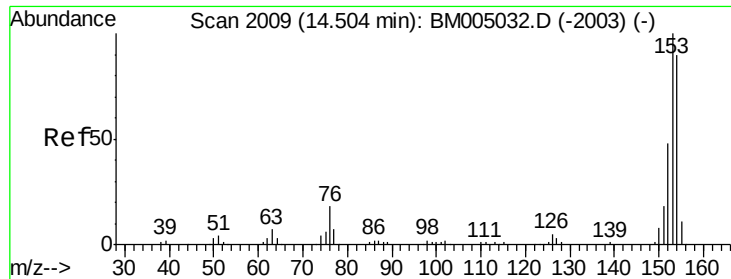
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	31.5	47.3
76	10.8	10.1	15.1



#47
 Acenaphthylene
 Concen: 2.98 ng/ul
 RT: 14.16 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BM005028.D
 Acq: 21 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	14.3	10.3	15.5





#49

Acenaphthene

Concen: 16.27 ng/ul

RT: 14.51 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BM005028.D

Acq: 21 Apr 2016 17:25

Instrument :

BNA_M

ClientSampleId :

BC7L9DL

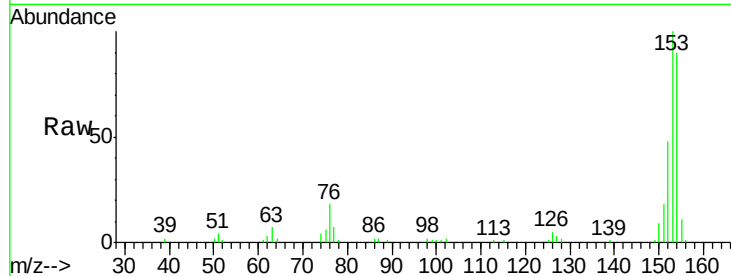
Tgt Ion:153 Resp: 92960

Ion Ratio Lower Upper

153 100

152 47.8 37.7 56.5

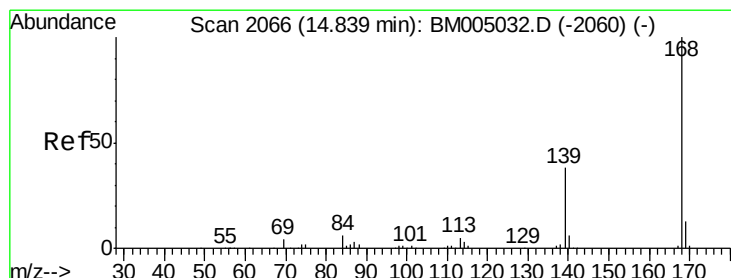
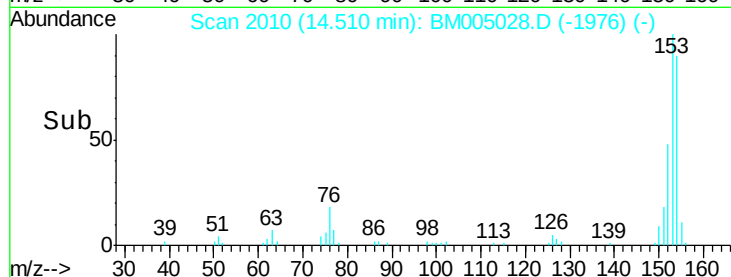
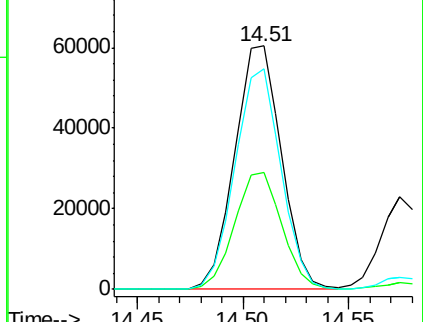
154 90.4 71.4 107.2



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: 13.09 ng/ul

RT: 14.84 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BM005028.D

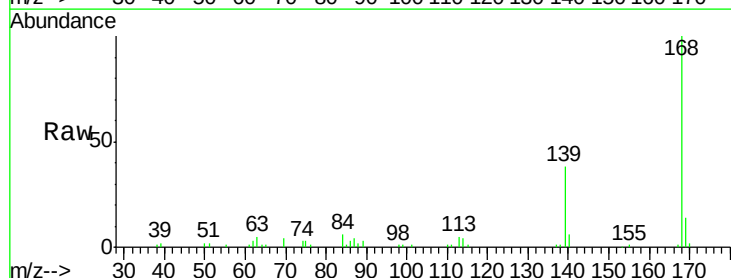
Acq: 21 Apr 2016 17:25

Tgt Ion:168 Resp: 108230

Ion Ratio Lower Upper

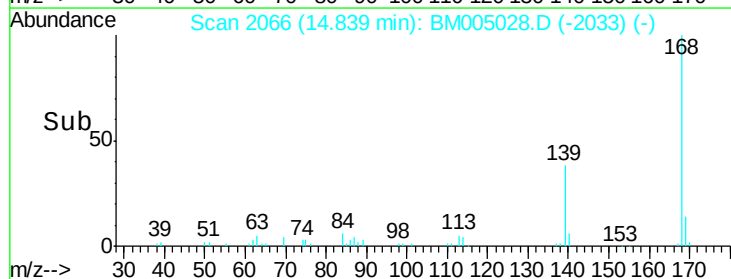
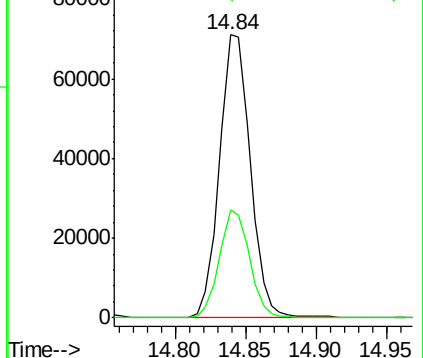
168 100

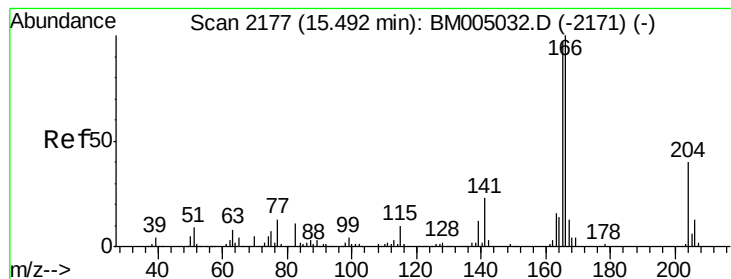
139 38.4 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 11.57 ng/ul

RT: 15.49 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BM005028.D

Acq: 21 Apr 2016 17:25

Instrument :

BNA_M

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BC7L9DL

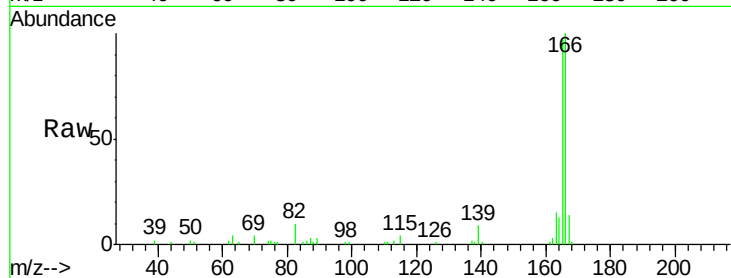
Tgt Ion:166 Resp: 73581

Ion Ratio Lower Upper

166 100

165 96.7 77.7 116.5

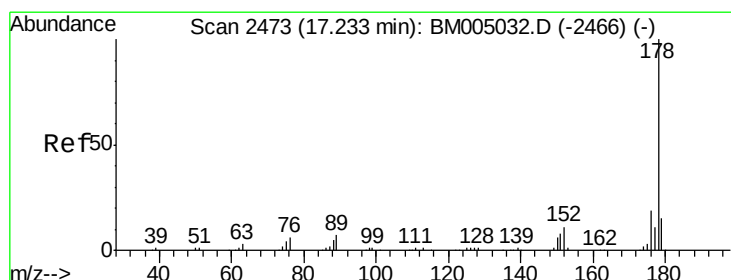
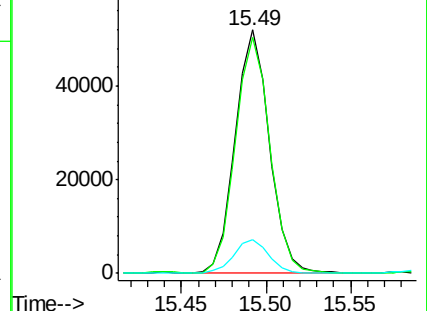
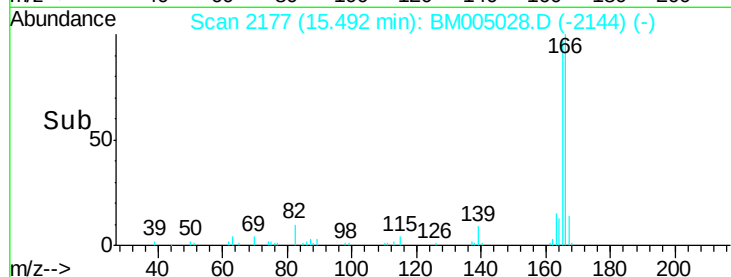
167 13.8 10.9 16.3



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: 12.77 ng/ul

RT: 17.23 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BM005028.D

Acq: 21 Apr 2016 17:25

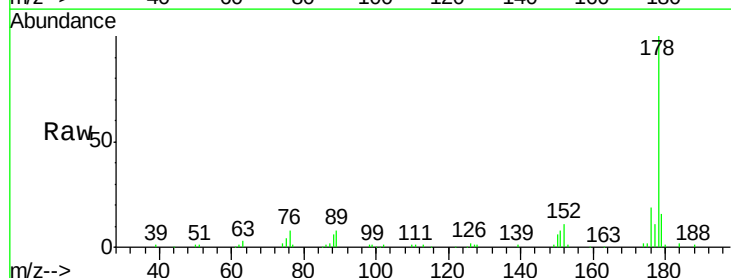
Tgt Ion:178 Resp: 134131

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.8

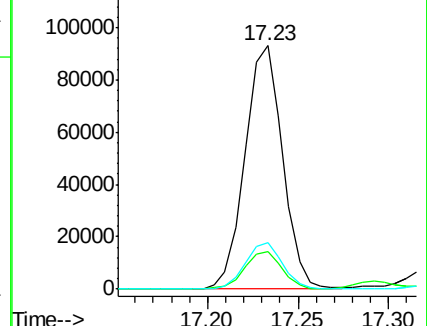
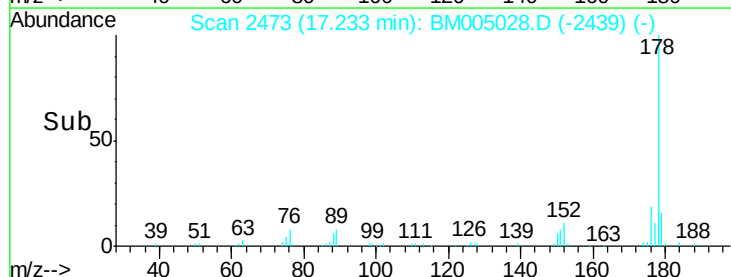
176 19.1 15.2 22.8

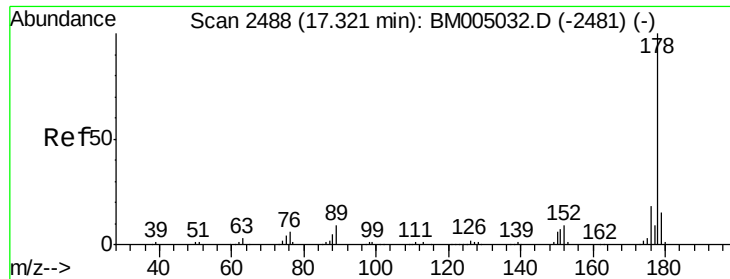


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

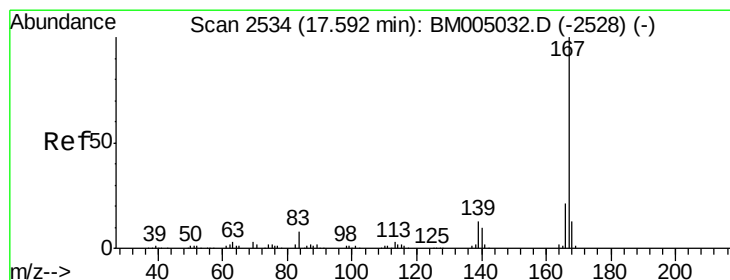
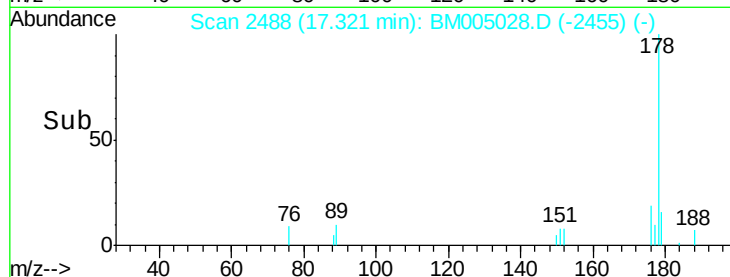
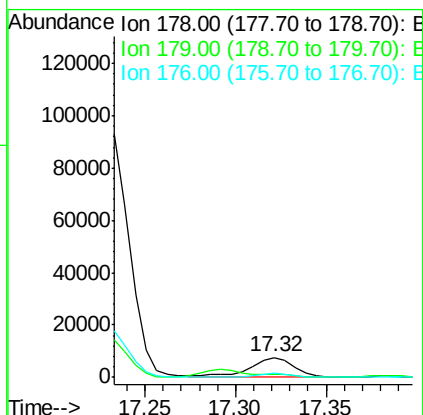
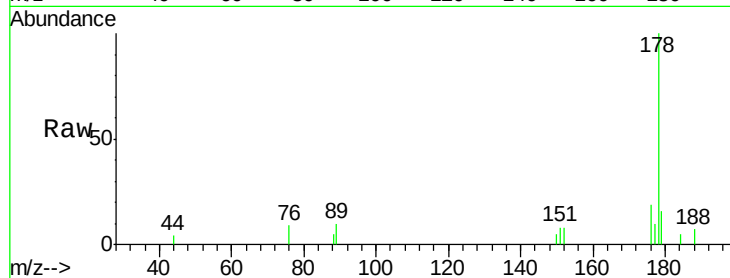




#71
 Anthracene
 Concen: 1.25 ng/ul
 RT: 17.32 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BM005028.D
 Acq: 21 Apr 2016 17:25

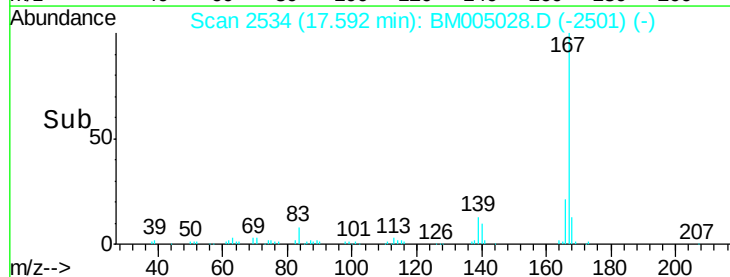
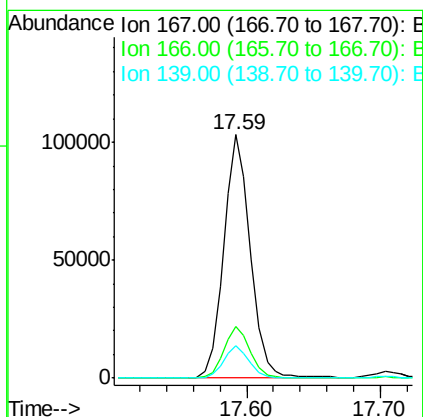
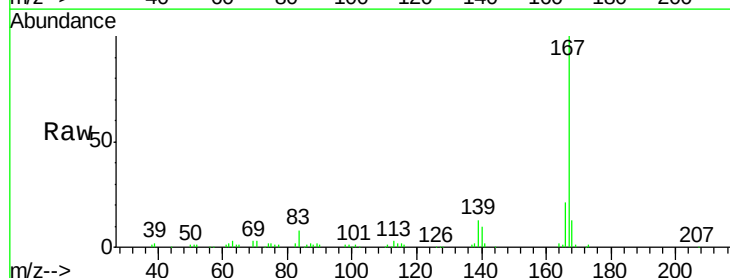
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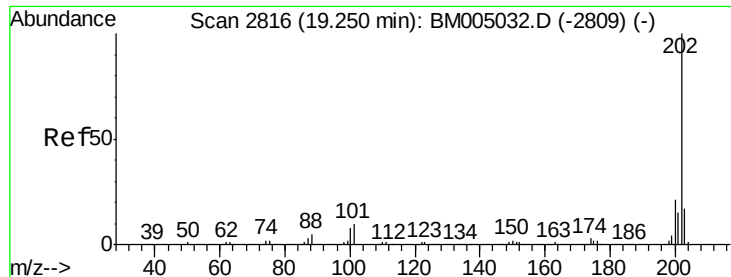
Tgt Ion:178 Resp: 13319
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.1 18.1
 176 19.2 14.6 22.0



#72
 Carbazole
 Concen: 16.10 ng/ul
 RT: 17.59 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BM005028.D
 Acq: 21 Apr 2016 17:25

Tgt Ion:167 Resp: 144007
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.6 25.0
 139 13.2 10.2 15.4





#74
 Fluoranthene
 Concen: 2.42 ng/ul
 RT: 19.24 min Scan# 2815
 Delta R.T. -0.01 min
 Lab File: BM005028.D
 Acq: 21 Apr 2016 17:25

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.0	13.4
100	8.5	6.6	10.0

