

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042516\
 Data File : BM005064.D
 Acq On : 26 Apr 2016 02:31
 Operator : UM/SJ
 Sample : H2584-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q0

Manual Integrations
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Quant Time: Apr 29 06:42:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 26 00:45:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	38172	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	209971	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	158705	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	382439	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	456280	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	424746	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	3760	5.01	ng/uL	0.00
5) Phenol-d5	6.96	99	74058	23.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	97409	54.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	124641	49.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	106476	39.77	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	71451	49.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	83085	51.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	141137	45.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	666	0.18	ng/ul	0.02
43) Dimethylphthalate-d6	13.85	166	490611	39.14	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	547312	36.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	41009m	18.72	ng/ul	0.00
57) Fluorene-d10	15.43	176	410956	37.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	95258	43.79	ng/ul	0.00
70) Anthracene-d10	17.29	188	670537	39.10	ng/ul	0.00
76) Pyrene-d10	19.58	212	792422	38.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	765303	40.21	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.66	128	2899073	273.75	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	147103	18.77	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	21163	1.69	ng/ul	100
49) Acenaphthene	14.50	153	102844	9.90	ng/ul	98
53) Dibenzofuran	14.84	168	75973	4.96	ng/ul	99
58) Fluorene	15.49	166	92708	7.79	ng/ul	99
69) Phenanthrene	17.23	178	177301	8.71	ng/ul	99
71) Anthracene	17.32	178	30786	1.50	ng/ul	99
72) Carbazole	17.59	167	33123	1.88	ng/ul	98
74) Fluoranthene	19.24	202	33460	1.49	ng/ul	97

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

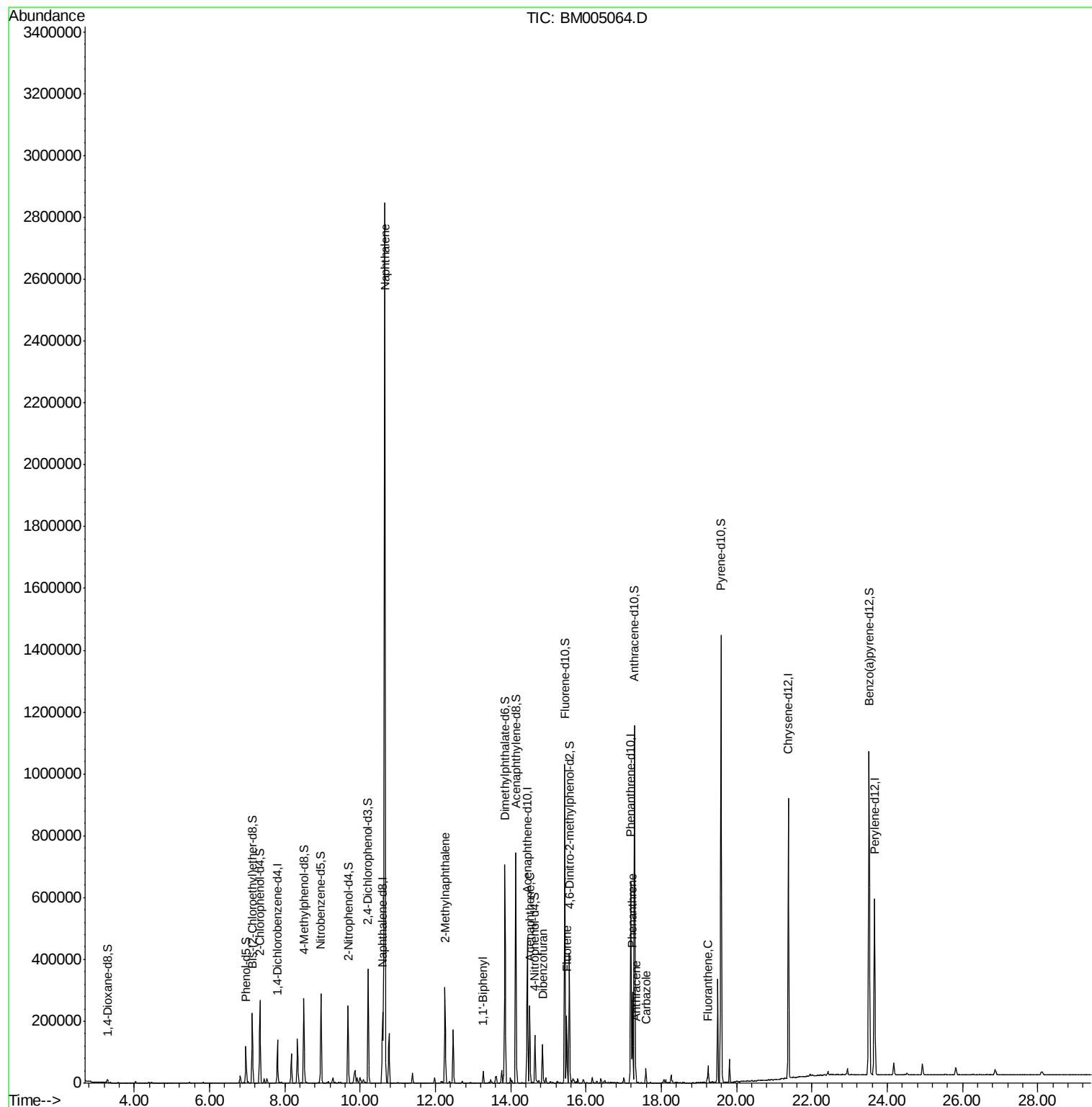
Data Path : Z:\HPCHEM1\BNA_M\Data\BM042516\
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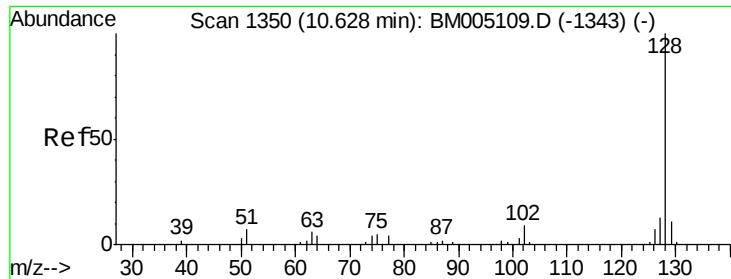
Instrument :
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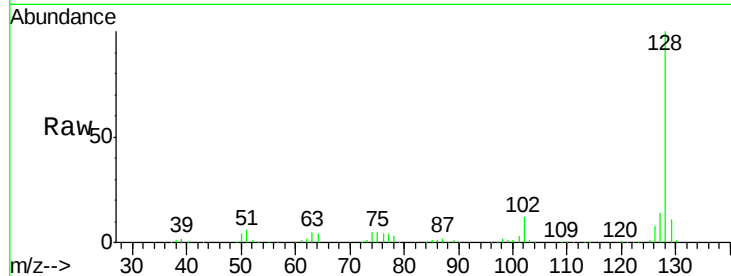
#28
Naphthalene
Concen: 273.75 ng/ul
RT: 10.66 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BM005064.D
Acq: 26 Apr 2016 02:31

Instrument :
BNA_M
ClientSampleId :
BC7Q0

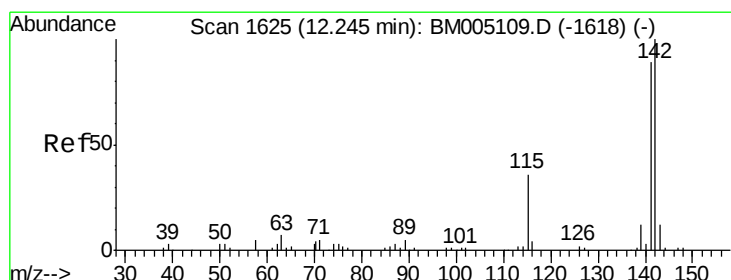
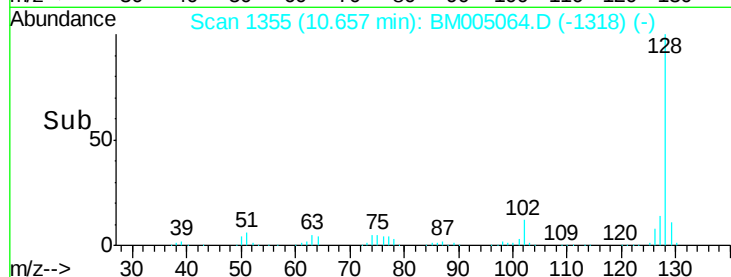
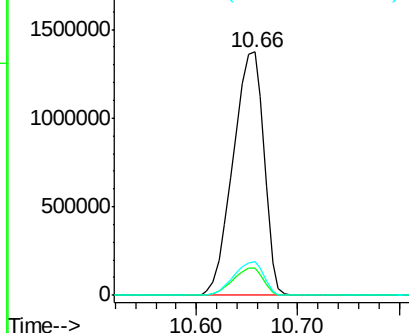
Tgt Ion:128 Resp: 2899073
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 14.0 10.6 15.8

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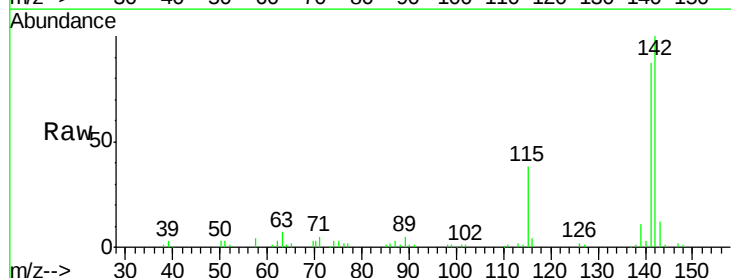


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

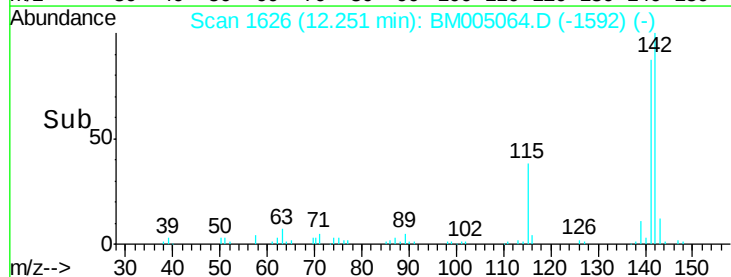
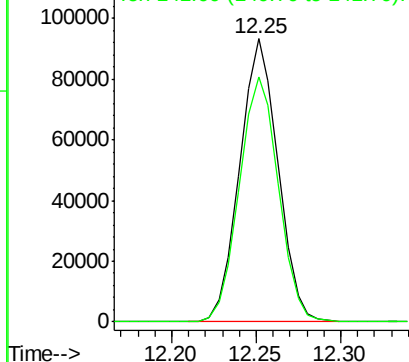


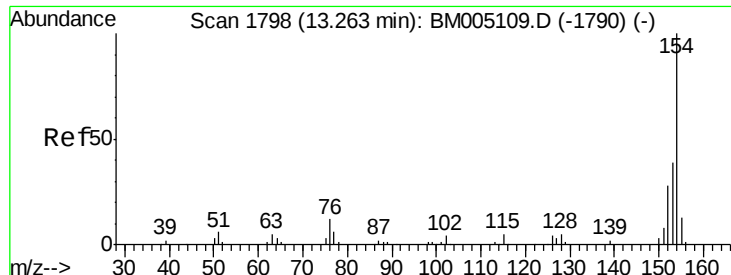
#34
2-Methylnaphthalene
Concen: 18.77 ng/ul
RT: 12.25 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BM005064.D
Acq: 26 Apr 2016 02:31

Tgt Ion:142 Resp: 147103
Ion Ratio Lower Upper
142 100
141 86.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





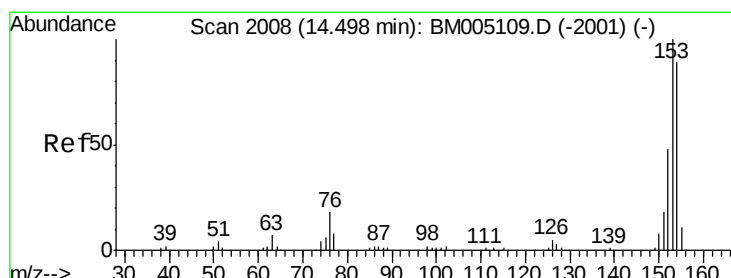
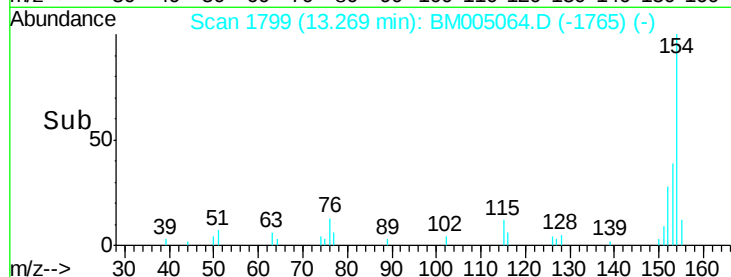
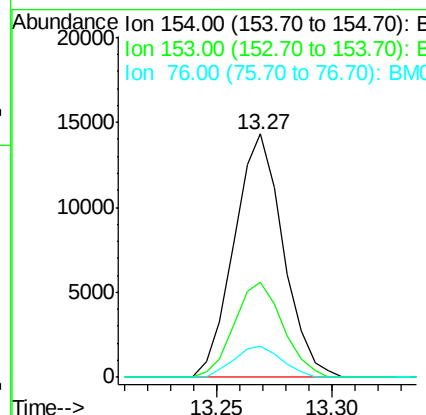
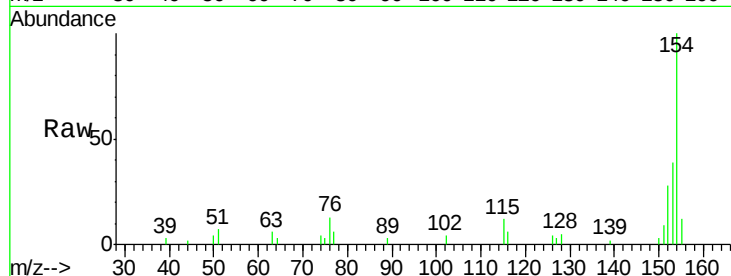
#40
 1,1'-Biphenyl
 Concen: 1.69 ng/ul
 RT: 13.27 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: BM005064.D
 Acq: 26 Apr 2016 02:31

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q0

Tgt Ion:	154	Resp:	21163
Ion Ratio	Lower	Upper	
154	100		
153	39.2	31.5	47.3
76	12.8	10.1	15.1

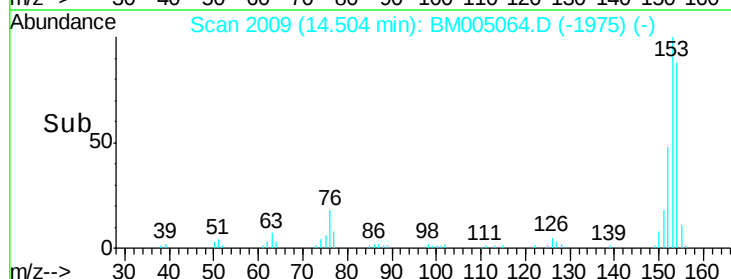
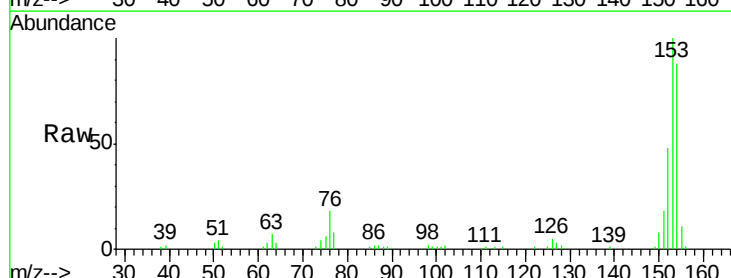
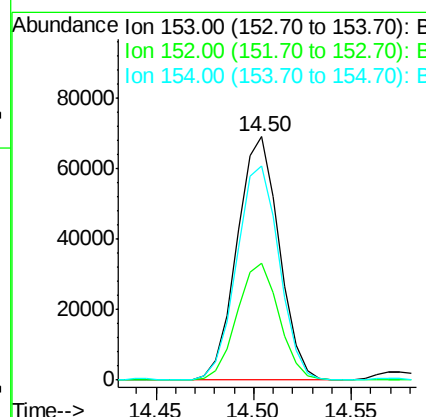
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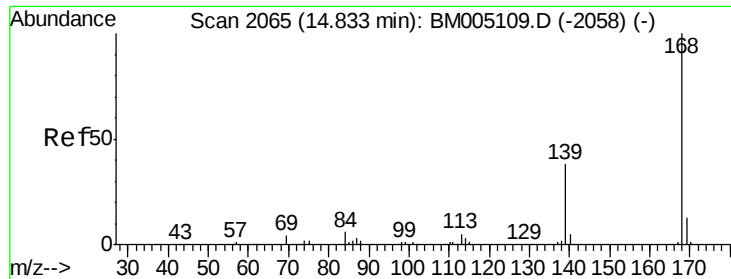
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#49
 Acenaphthene
 Concen: 9.90 ng/ul
 RT: 14.50 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BM005064.D
 Acq: 26 Apr 2016 02:31

Tgt Ion:	153	Resp:	102844
Ion Ratio	Lower	Upper	
153	100		
152	48.1	37.7	56.5
154	87.8	71.4	107.2





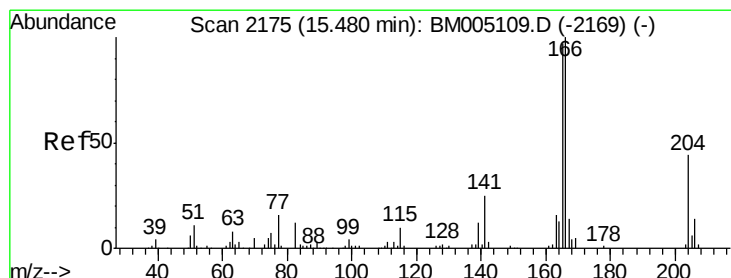
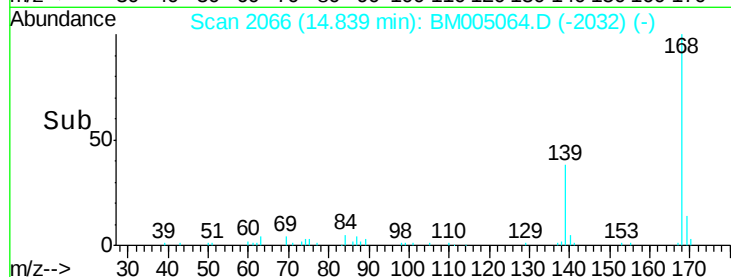
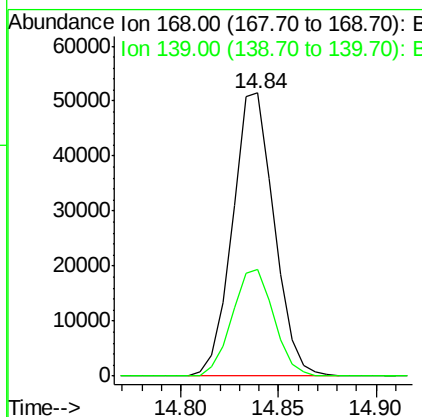
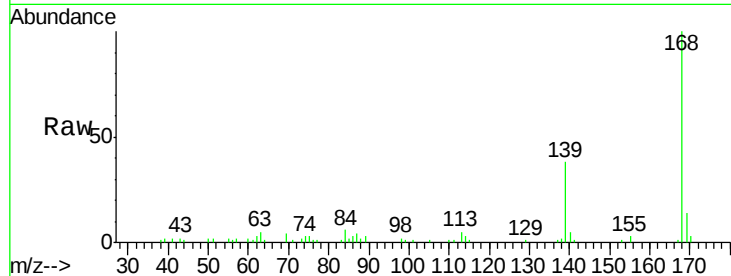
#53
Dibenzenofuran
Concen: 4.96 ng/ul
RT: 14.84 min Scan# 2066
Delta R.T. 0.00 min
Lab File: BM005064.D
Acq: 26 Apr 2016 02:31

Instrument :
BNA_M
ClientSampled :
BC7Q0

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.9	44.9

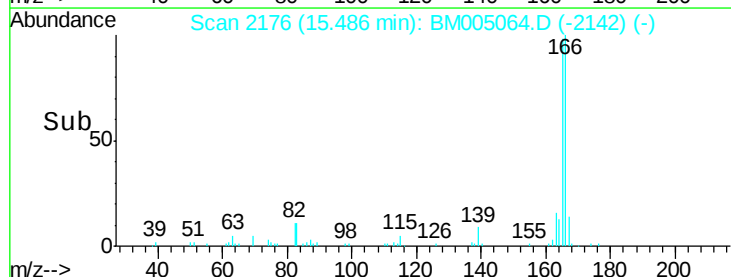
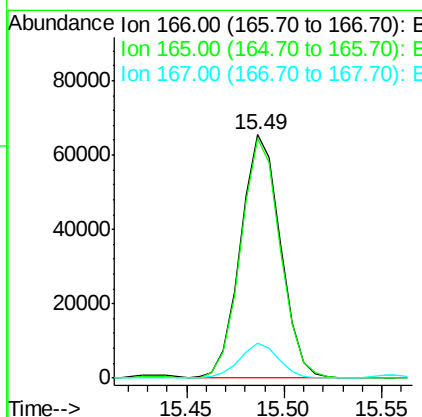
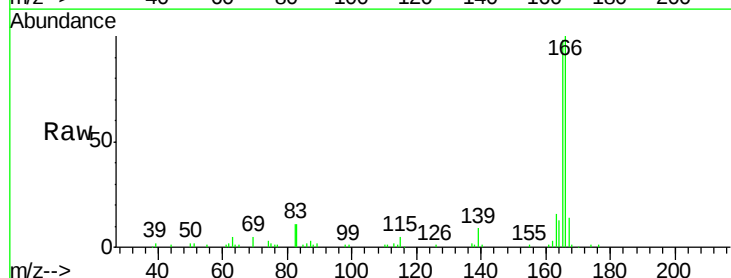
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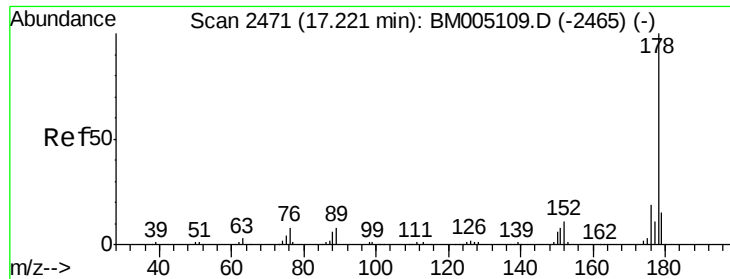
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#58
Fluorene
Concen: 7.79 ng/ul
RT: 15.49 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BM005064.D
Acq: 26 Apr 2016 02:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.7	116.5
167	14.3	10.9	16.3





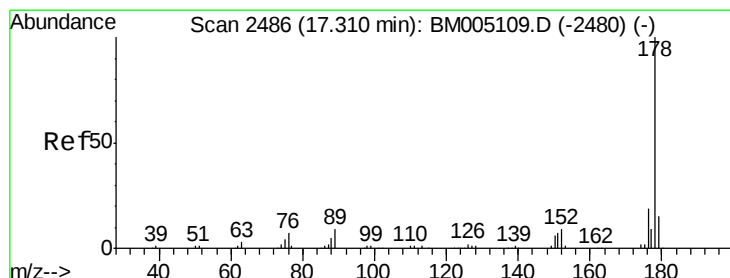
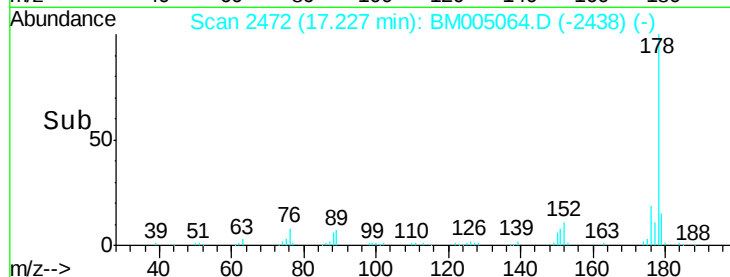
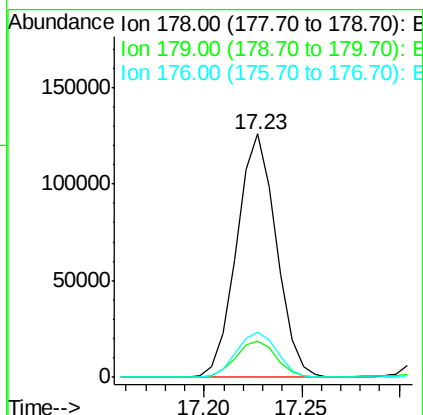
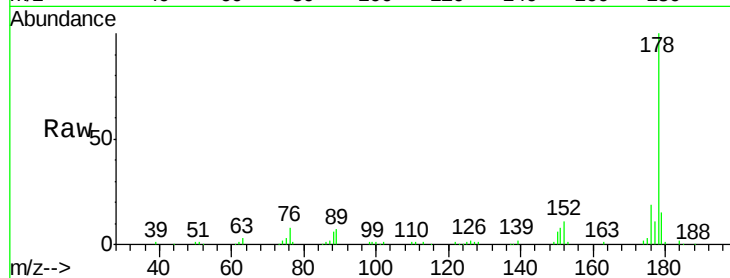
#69
 Phenanthrene
 Concen: 8.71 ng/ul
 RT: 17.23 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BM005064.D
 Acq: 26 Apr 2016 02:31

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	18.6	15.2	22.8

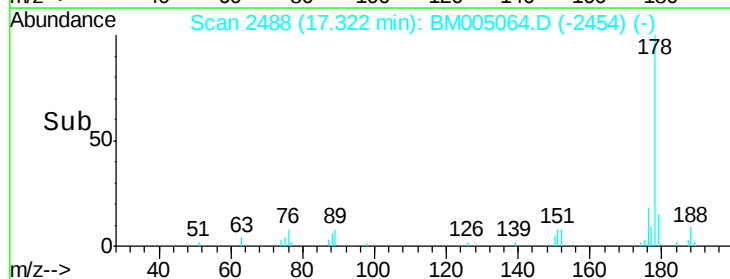
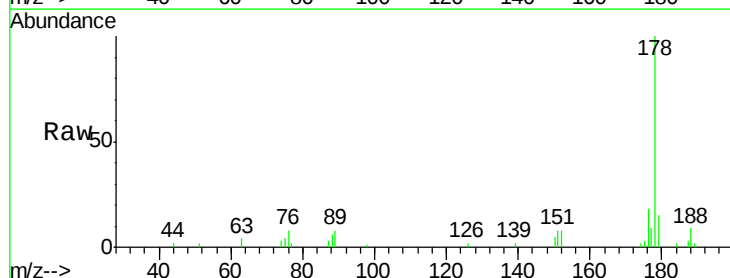
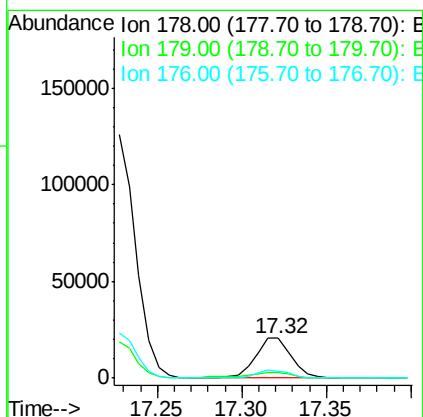
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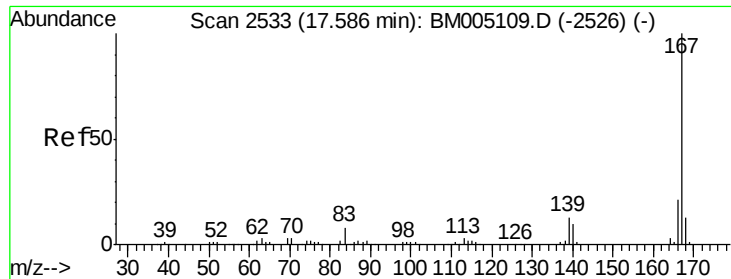
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#71
 Anthracene
 Concen: 1.50 ng/ul
 RT: 17.32 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BM005064.D
 Acq: 26 Apr 2016 02:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.1	18.1
176	17.6	14.6	22.0





#72

Carbazole

Concen: 1.88 ng/ul

RT: 17.59 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BM005064.D

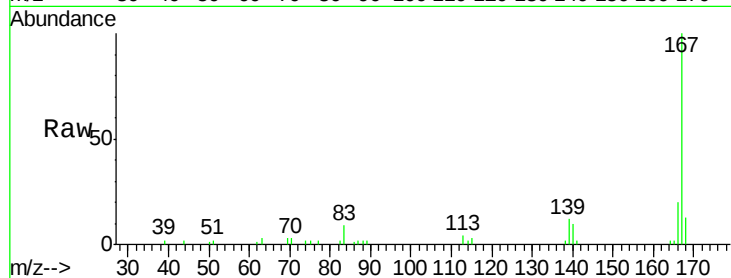
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Instrument :

BNA_M

ClientSampleId :

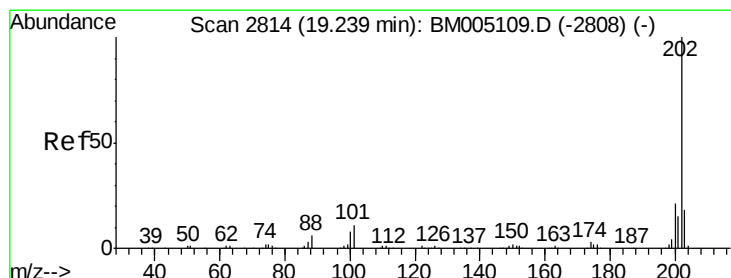
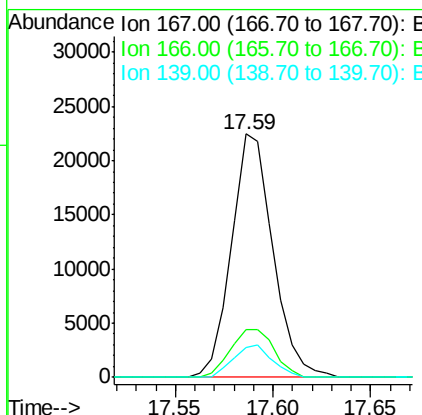
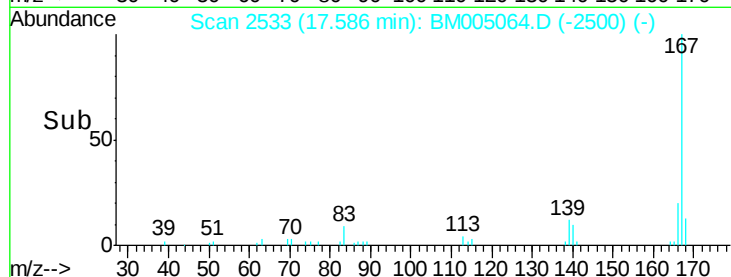
BC7Q0



Tgt Ion:	167	Resp:	33123
Ion Ratio	Lower	Upper	
167	100		
166	19.8	16.6	25.0
139	12.3	10.2	15.4

Manual Integrations
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#74

Fluoranthene

Concen: 1.49 ng/ul

RT: 19.24 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM005064.D

Acq: 26 Apr 2016 02:31

Tgt Ion:	202	Resp:	33460
Ion Ratio	Lower	Upper	
202	100		
101	10.0	9.0	13.4
100	7.2	6.6	10.0

