

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
 Data File : BM005022.D
 Acq On : 21 Apr 2016 13:48
 Operator : UM/SJ
 Sample : H2567-17DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BC7J1DL

Manual Integrations
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Quant Time: Apr 21 17:45:46 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	42573	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	183910	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	105607	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	232121	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	262042	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	258620	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	6.97	99	6750	2.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	4744	2.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	5847	2.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	5554	2.21	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	2391	1.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	2201	1.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	5512	2.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	8318	2.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	22940	3.19	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	26425	3.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	584	0.48	ng/ul	0.01
57) Fluorene-d10	15.44	176	22232	3.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	33611	3.64	ng/ul	0.00
76) Pyrene-d10	19.59	212	39262	3.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	37530	3.77	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.65	128	425174	51.89	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	96451	16.15	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	30984	4.09	ng/ul	98
47) Acenaphthylene	14.16	152	27943	2.99	ng/ul	96
49) Acenaphthene	14.51	153	105245	17.28	ng/ul	99
53) Dibenzofuran	14.84	168	148795	16.88	ng/ul	99
58) Fluorene	15.49	166	156485	23.09	ng/ul	100
69) Phenanthrene	17.23	178	683607	63.11	ng/ul	99
71) Anthracene	17.32	178	202262	18.46	ng/ul	99
72) Carbazole	17.59	167	95356	10.34	ng/ul	98
74) Fluoranthene	19.25	202	485879	43.54	ng/ul	98
77) Pyrene	19.62	202	351117	25.35	ng/ul	98
80) Benzo(a)anthracene	21.36	228	131286	10.17	ng/ul	99
82) Chrysene	21.42	228	107511	8.79	ng/ul	97
85) Benzo(b)fluoranthene	22.98	252	93971	7.32	ng/ul	100
86) Benzo(k)fluoranthene	23.02	252	30470m	2.46	ng/ul	
88) Benzo(a)pyrene	23.56	252	56552	4.60	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.97	276	24322	1.78	ng/ul#	94
91) Benzo(g,h,i)perylene	26.68	276	17800	1.55	ng/ul	97

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

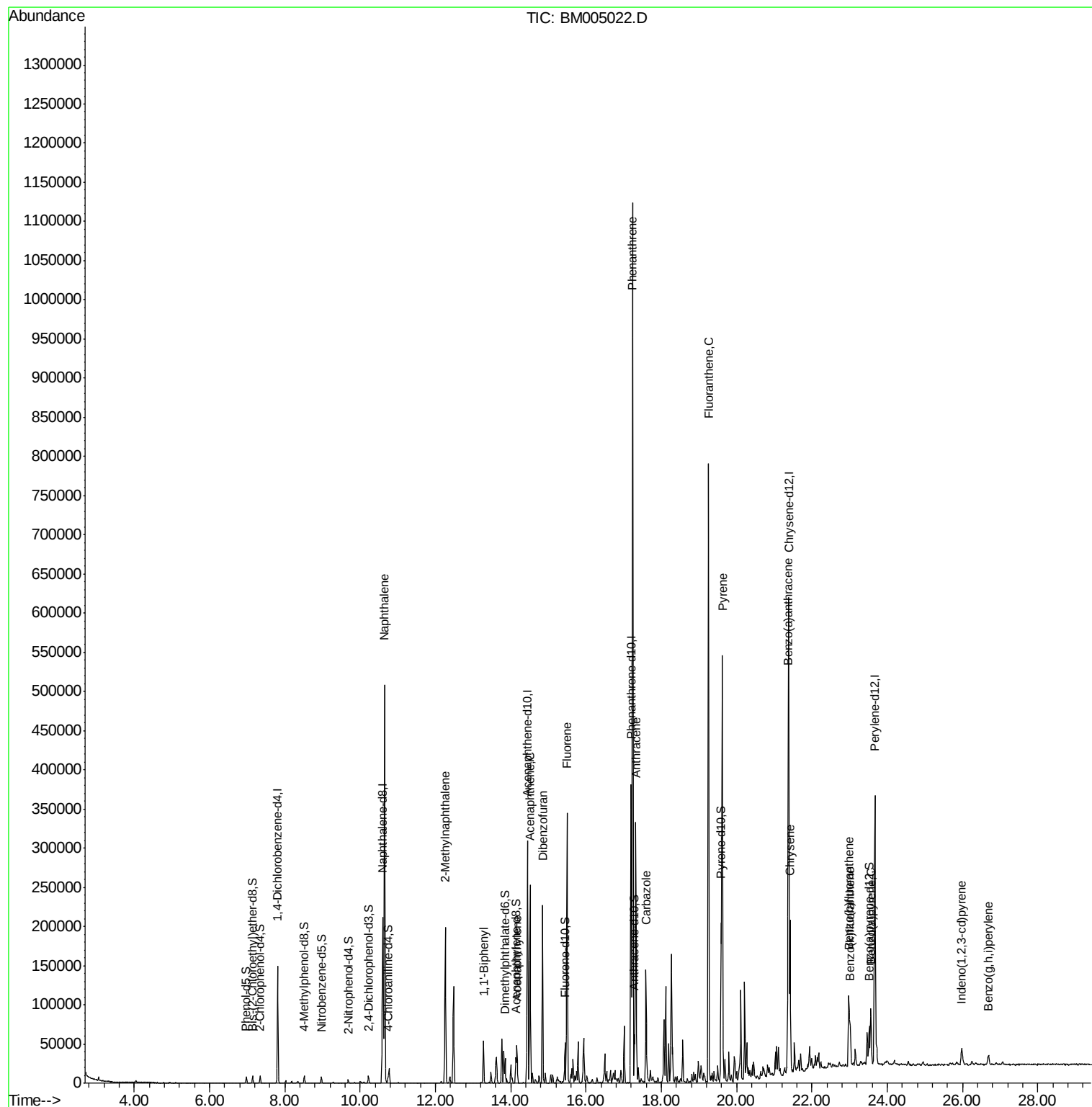
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005022.D
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Sample : H2567-17DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

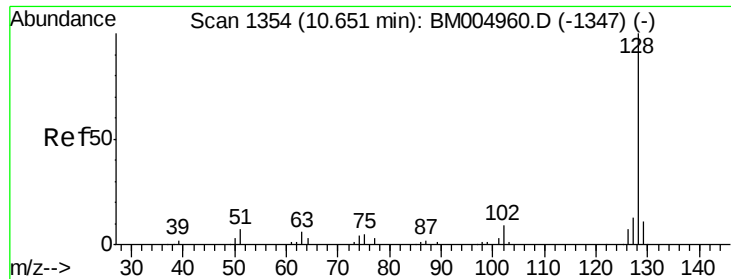
Instrument :
BNA_M
ClientSampleId :
BC7J1DL

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Quant Time: Apr 21 17:45:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
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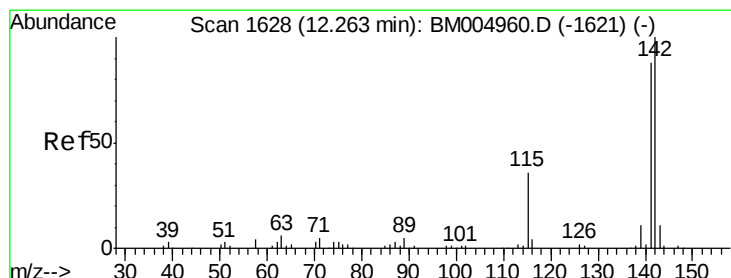
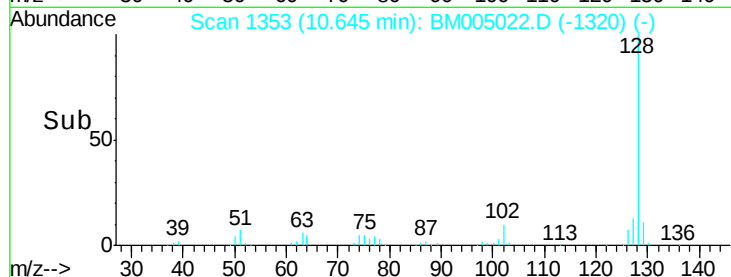
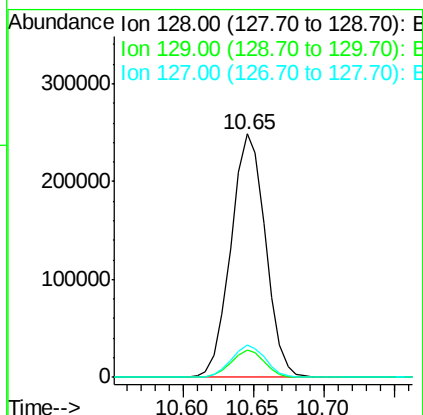
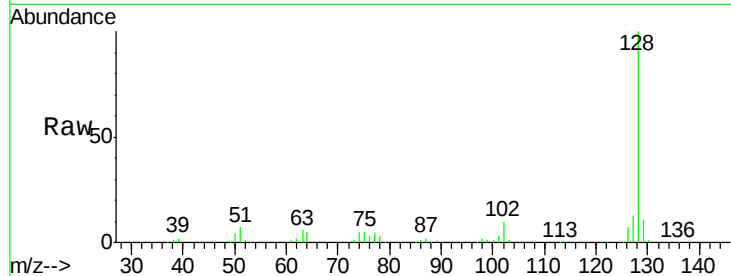
#28
Naphthalene
Concen: 51.89 ng/ul
RT: 10.65 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM005022.D
Acq: 21 Apr 2016 13:48

Instrument :
BNA_M
ClientSampleId :
BC7J1DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.2	10.6	15.8

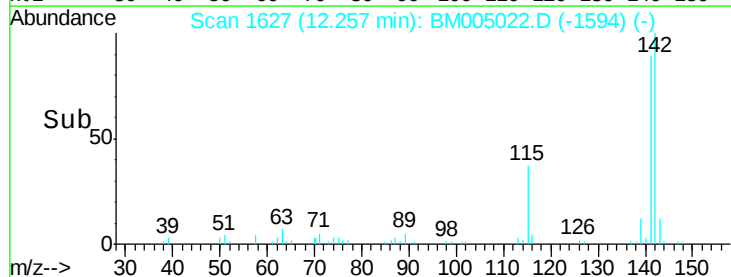
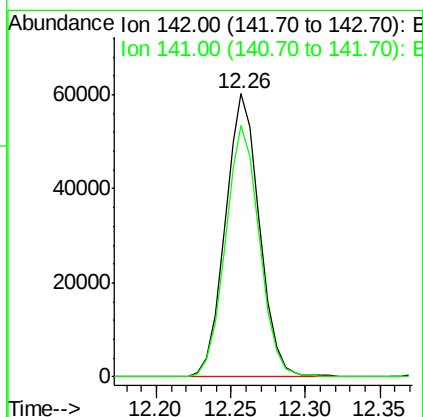
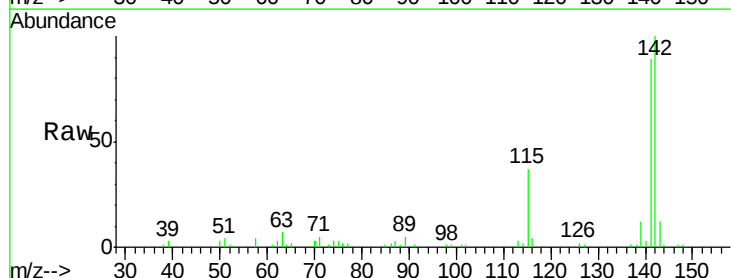
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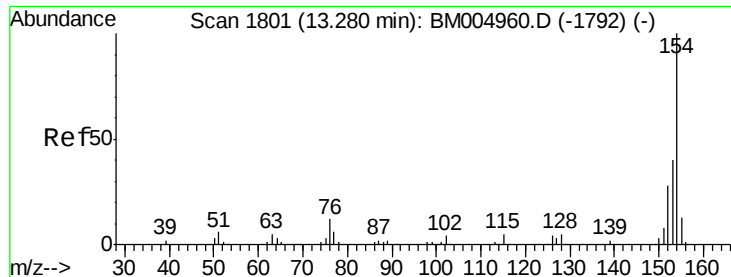
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#34
2-Methylnaphthalene
Concen: 16.15 ng/ul
RT: 12.26 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BM005022.D
Acq: 21 Apr 2016 13:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5





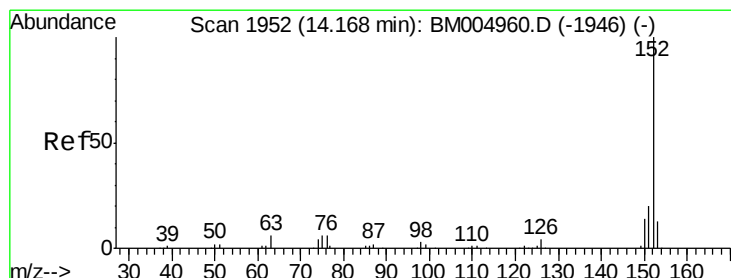
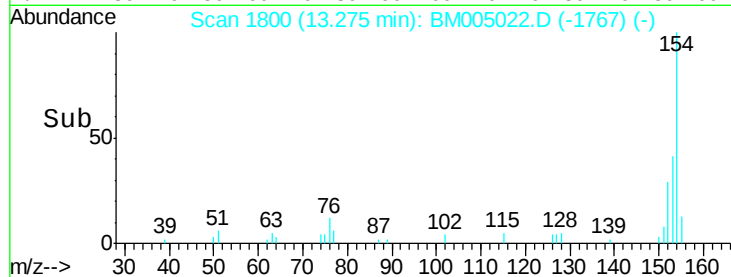
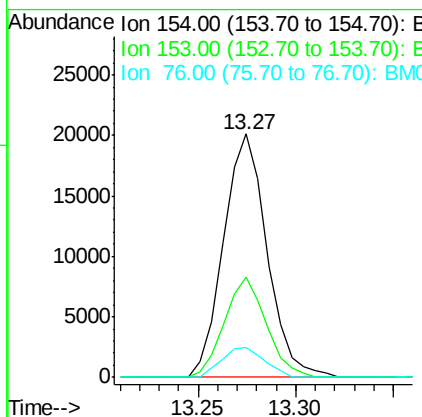
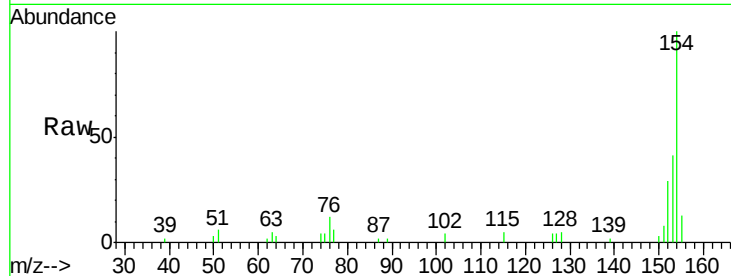
#40
 1,1'-Biphenyl
 Concen: 4.09 ng/ul
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BM005022.D
 Acq: 21 Apr 2016 13:48

Instrument :
 BNA_M
 ClientSampled :
 BC7J1DL

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	30984		
153	41.0		31.5	47.3
76	12.5		10.1	15.1

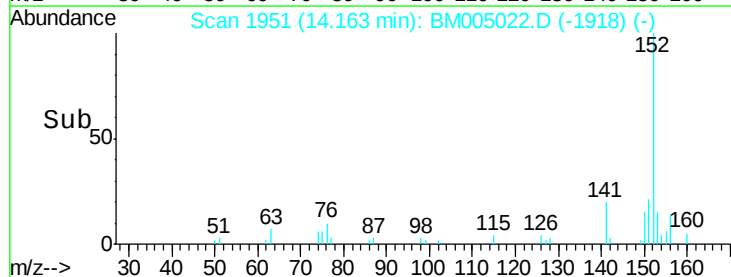
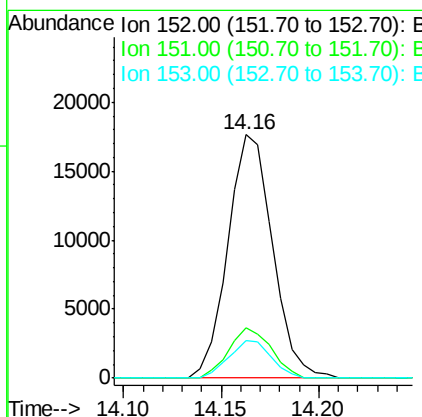
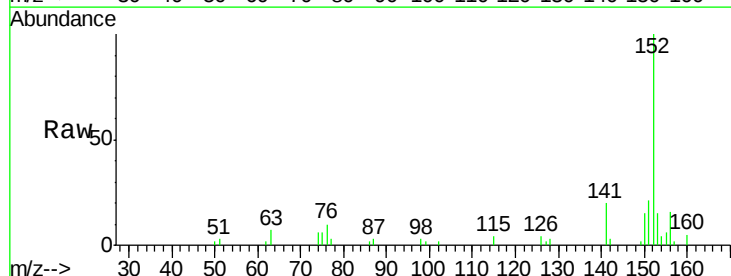
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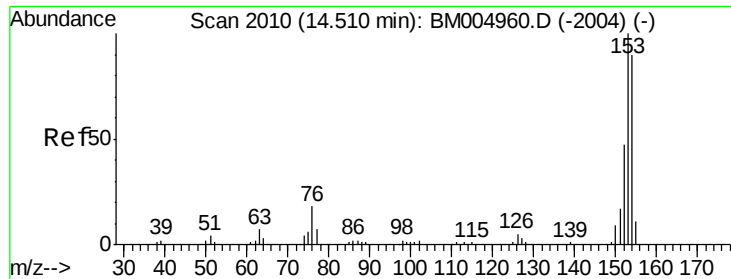
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#47
 Acenaphthylene
 Concen: 2.99 ng/ul
 RT: 14.16 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BM005022.D
 Acq: 21 Apr 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	27943		
151	20.7		15.8	23.8
153	15.4		10.3	15.5





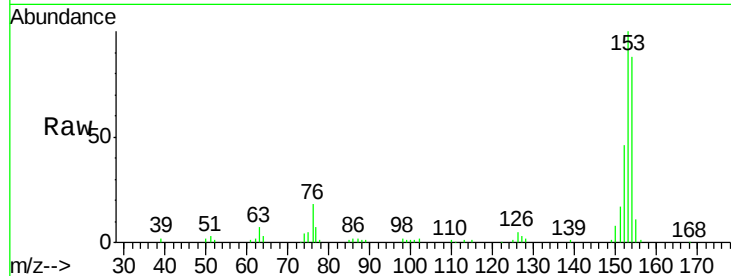
#49
Acenaphthene
Concen: 17.28 ng/ul
RT: 14.51 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BM005022.D
Acq: 21 Apr 2016 13:48

Instrument :
BNA_M
ClientSampleId :
BC7J1DL

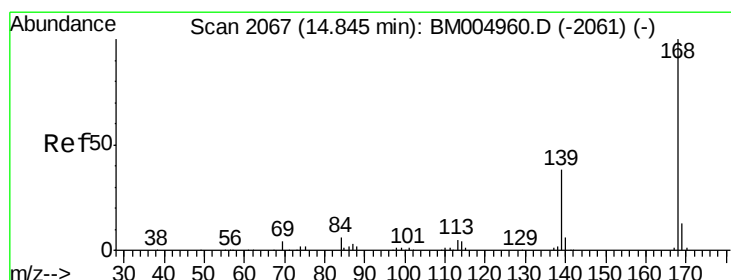
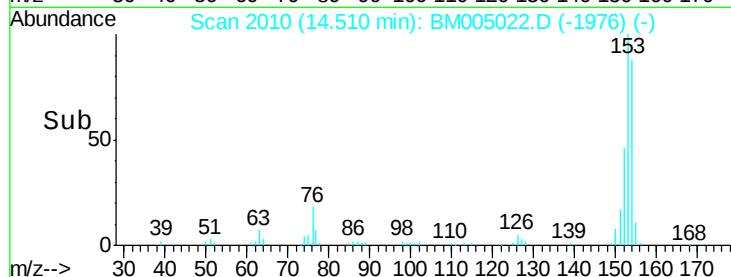
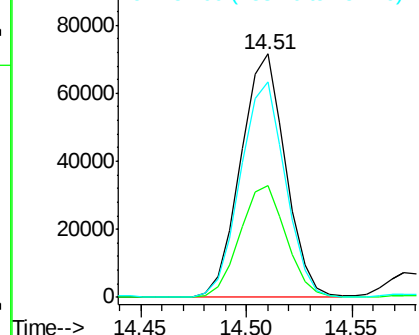
Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.7	37.7	56.5
154	88.3	71.4	107.2

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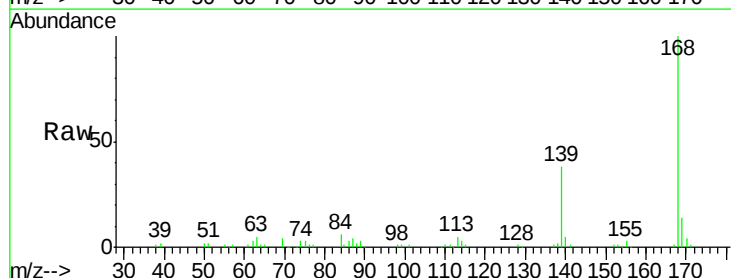


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

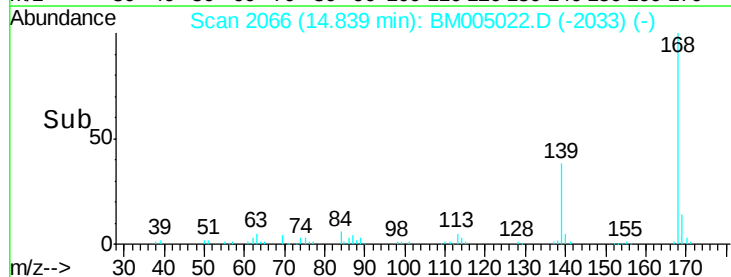
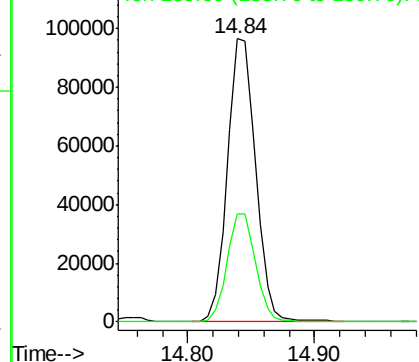


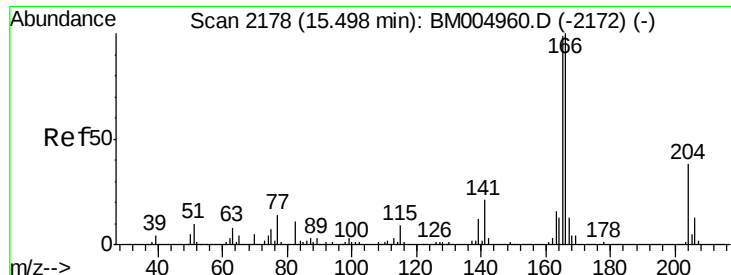
#53
Dibenzofuran
Concen: 16.88 ng/ul
RT: 14.84 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BM005022.D
Acq: 21 Apr 2016 13:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.9	44.9



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





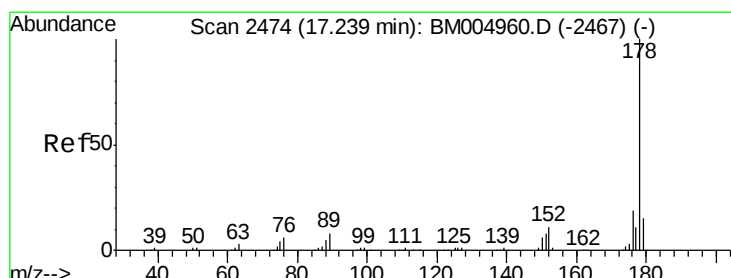
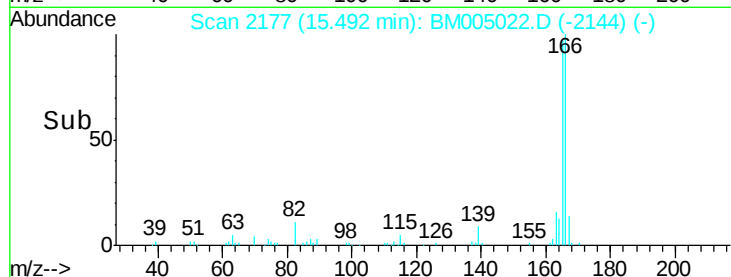
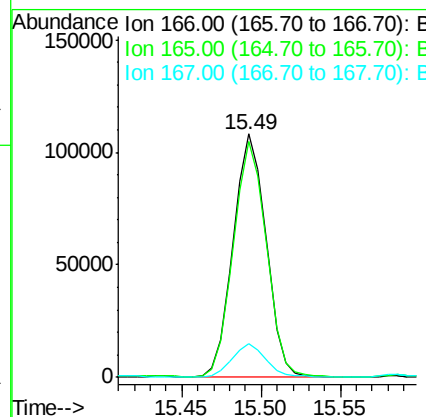
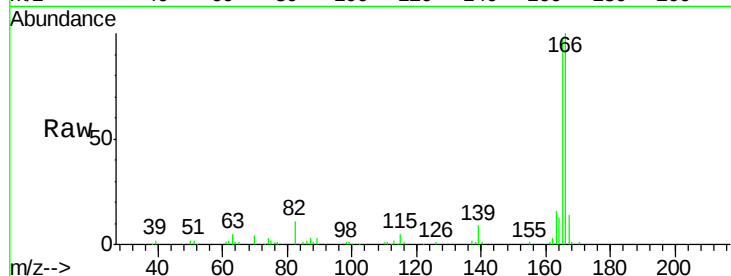
#58
Fluorene
 Concen: 23.09 ng/ul
 RT: 15.49 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM005022.D
 Acq: 21 Apr 2016 13:48

Instrument :
 BNA_M
 ClientSampleID :
 BC7J1DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	156485		
165	96.9	77.7	116.5	
167	13.6	10.9	16.3	

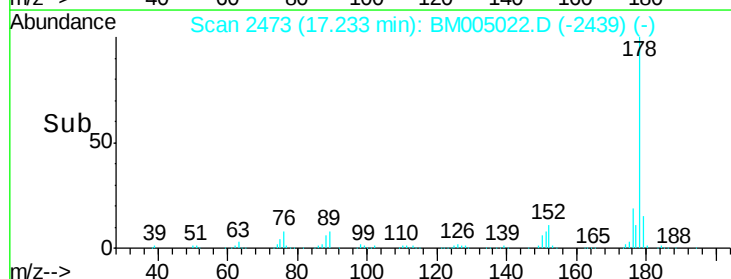
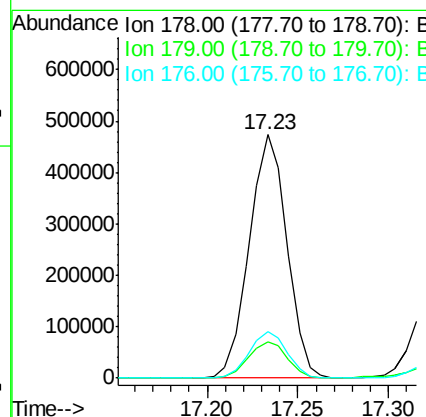
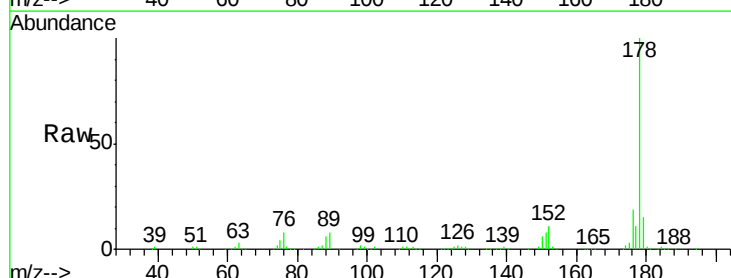
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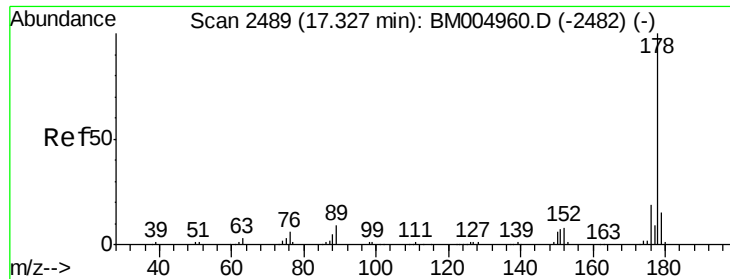
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#69
Phenanthrene
 Concen: 63.11 ng/ul
 RT: 17.23 min Scan# 2473
 Delta R.T. 0.00 min
 Lab File: BM005022.D
 Acq: 21 Apr 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	683607		
179	15.1	11.8	17.8	
176	19.2	15.2	22.8	





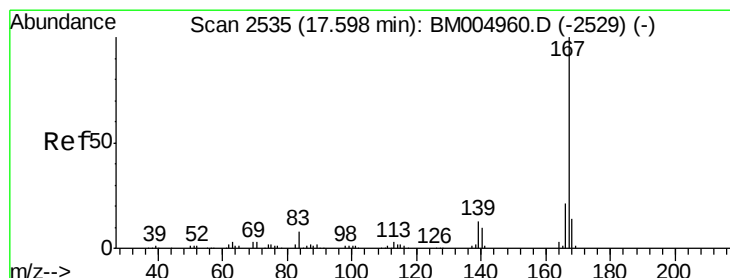
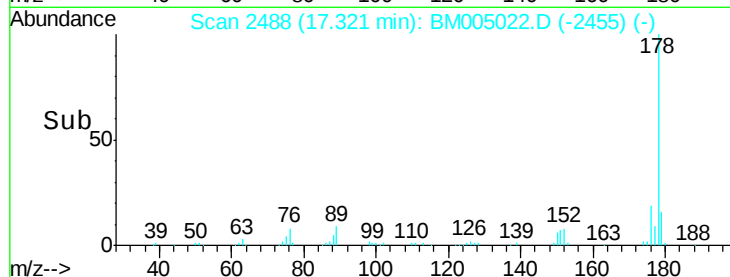
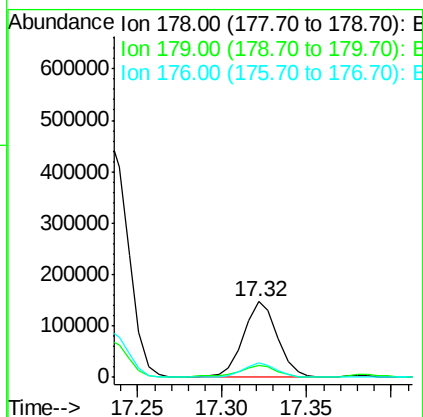
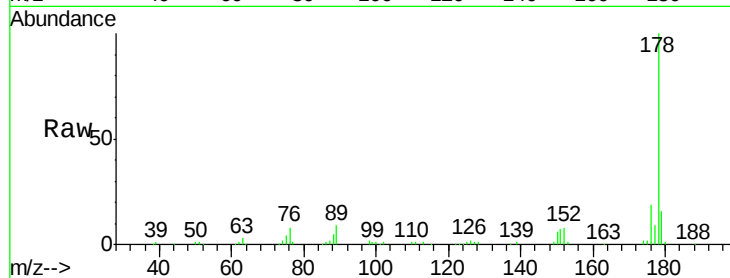
#71
 Anthracene
 Concen: 18.46 ng/ul
 RT: 17.32 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BM005022.D
 Acq: 21 Apr 2016 13:48

Instrument :
 BNA_M
 ClientSampleId :
 BC7J1DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.6	14.6	22.0

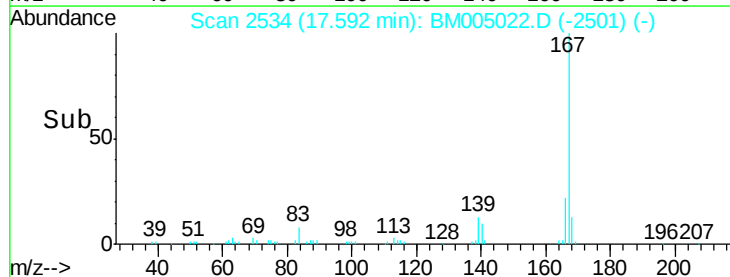
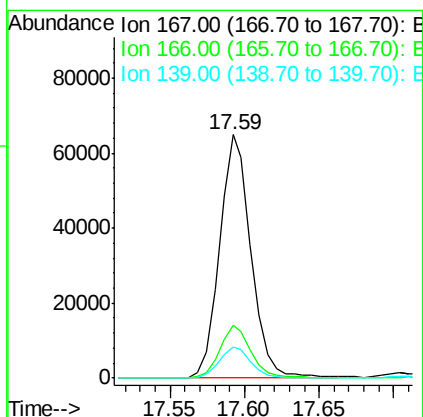
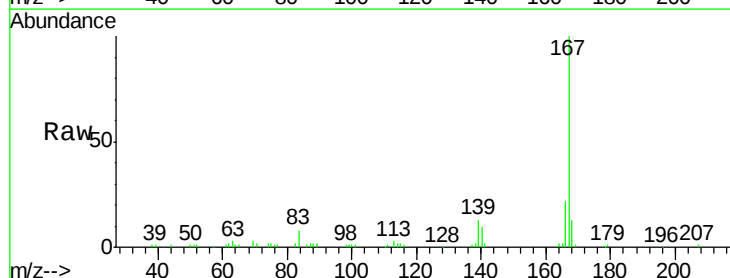
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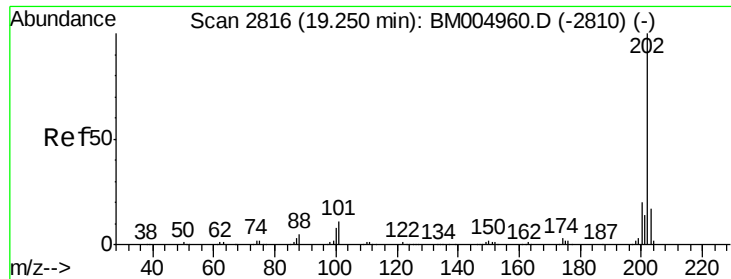
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#72
 Carbazole
 Concen: 10.34 ng/ul
 RT: 17.59 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BM005022.D
 Acq: 21 Apr 2016 13:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.6	25.0
139	12.6	10.2	15.4





#74

Fluoranthene

Concen: 43.54 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM005022.D

Acq: 21 Apr 2016 13:48

Instrument :

BNA_M

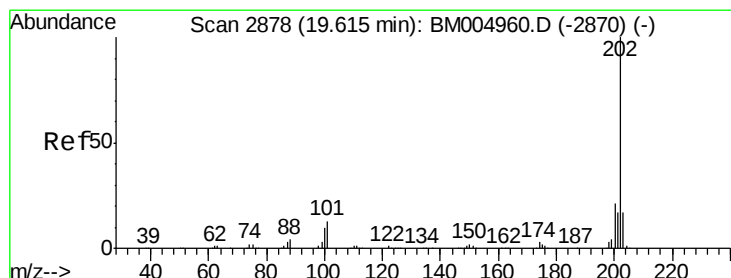
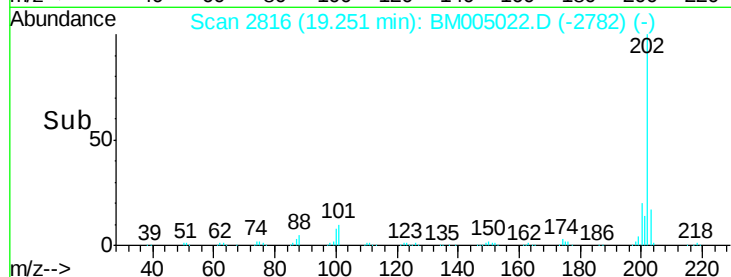
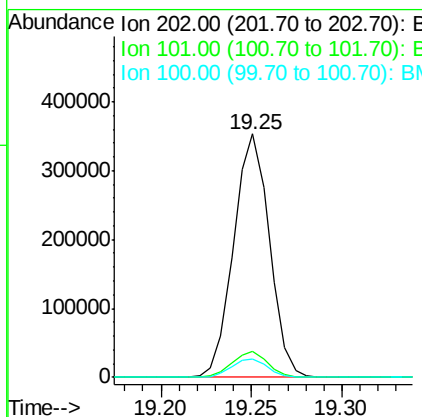
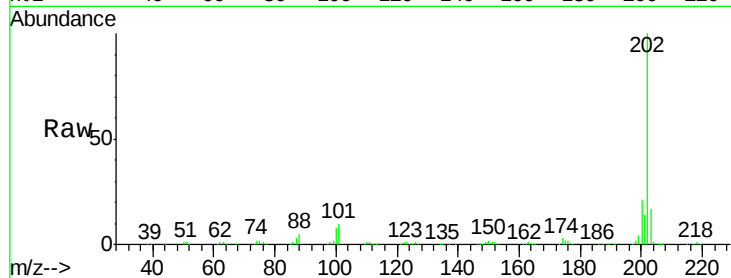
ClientSampleId :

BC7J1DL

Tgt Ion:	202	Resp:	485879
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.0	13.4
100	7.7	6.6	10.0

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#77

Pyrene

Concen: 25.35 ng/ul

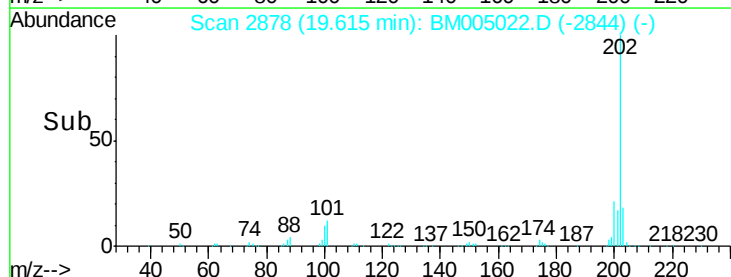
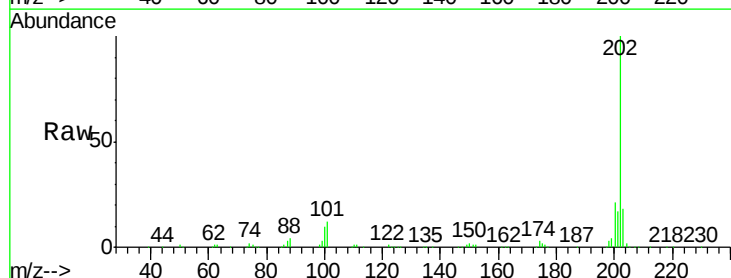
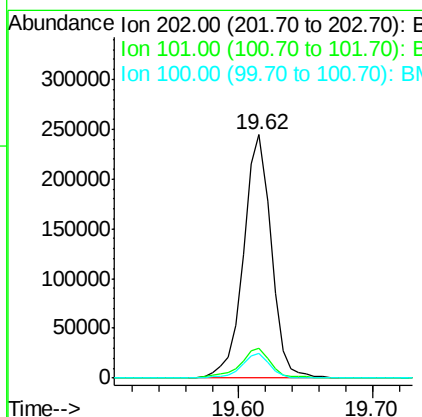
RT: 19.62 min Scan# 2878

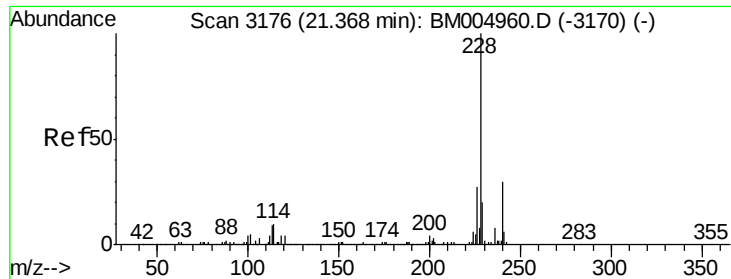
Delta R.T. 0.00 min

Lab File: BM005022.D

Acq: 21 Apr 2016 13:48

Tgt Ion:	202	Resp:	351117
Ion Ratio	Lower	Upper	
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101	12.1	10.5	15.7
100	9.9	8.2	12.2





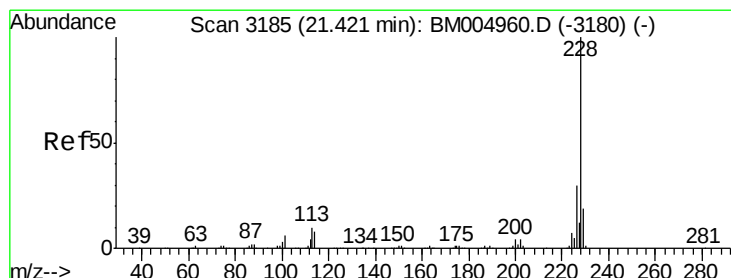
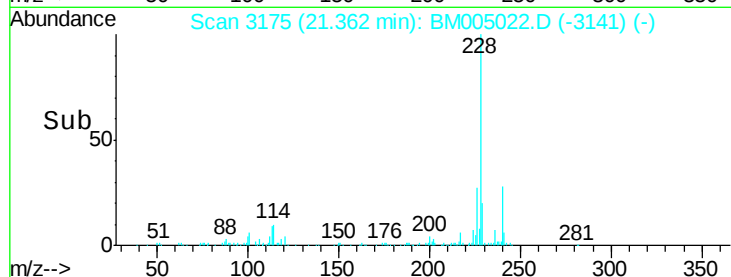
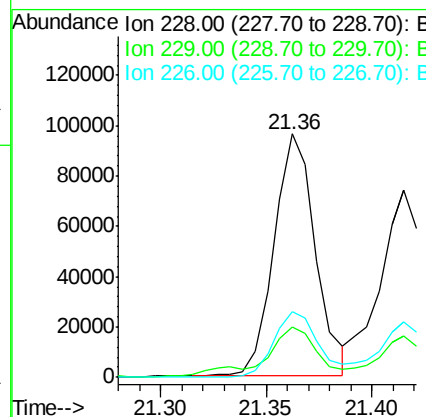
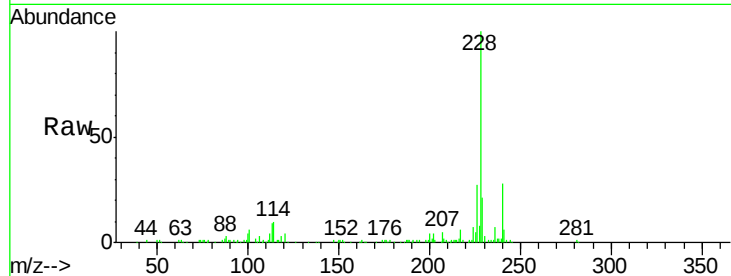
#80
Benzo(a)anthracene
Concen: 10.17 ng/ul
RT: 21.36 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BM005022.D
Acq: 21 Apr 2016 13:48

Instrument :
BNA_M
ClientSampleId :
BC7J1DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	131286		
229	20.6	15.8	23.6	
226	27.0	21.5	32.3	

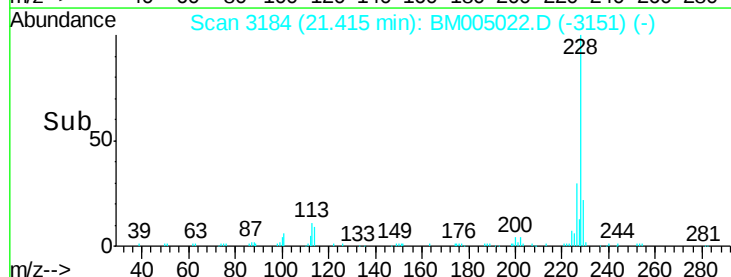
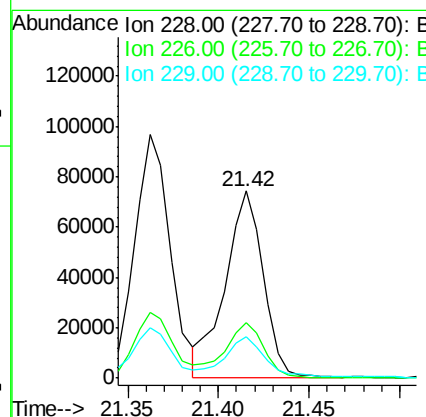
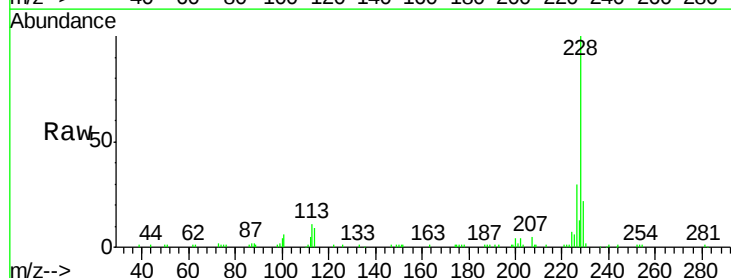
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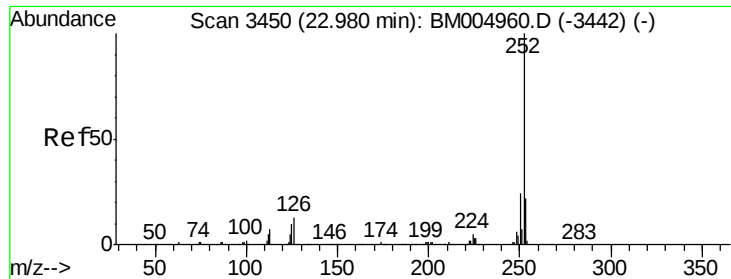
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#82
Chrysene
Concen: 8.79 ng/ul
RT: 21.42 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BM005022.D
Acq: 21 Apr 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	107511		
226	29.8	24.2	36.2	
229	22.3	15.5	23.3	





#85

Benzo(b)fluoranthene

Concen: 7.32 ng/ul

RT: 22.98 min Scan# 3450

Delta R.T. 0.00 min

Lab File: BM005022.D

Acq: 21 Apr 2016 13:48

Instrument :

BNA_M

ClientSampleId :

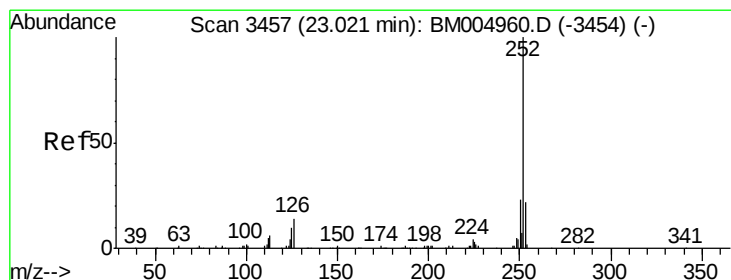
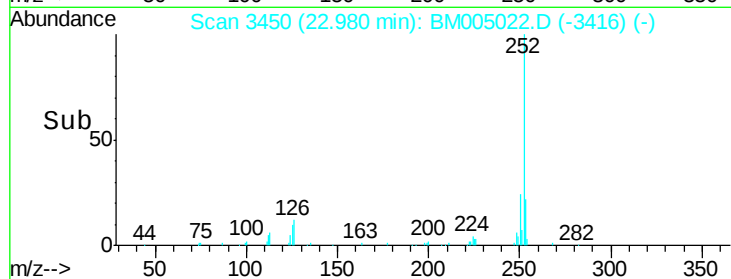
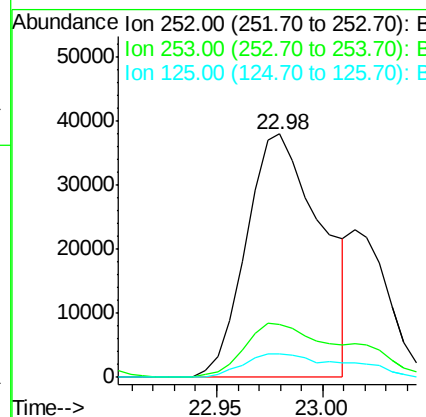
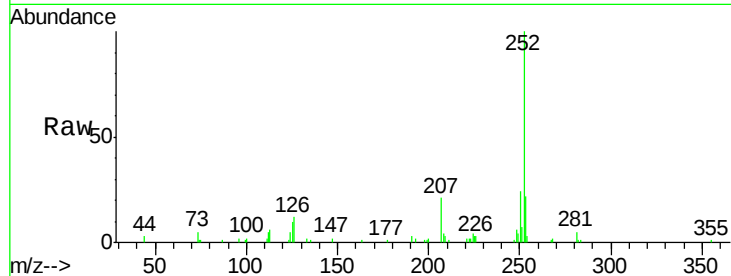
BC7J1DL

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Tgt Ion:	252	Resp:	93971
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.0
125	9.5	7.8	11.6



#86

Benzo(k)fluoranthene

Concen: 2.46 ng/ul m

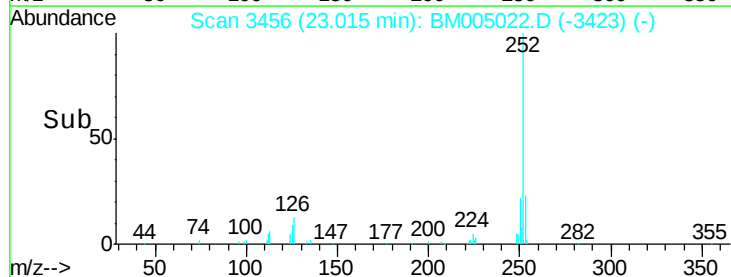
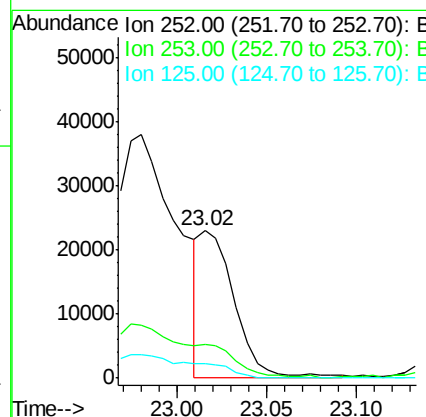
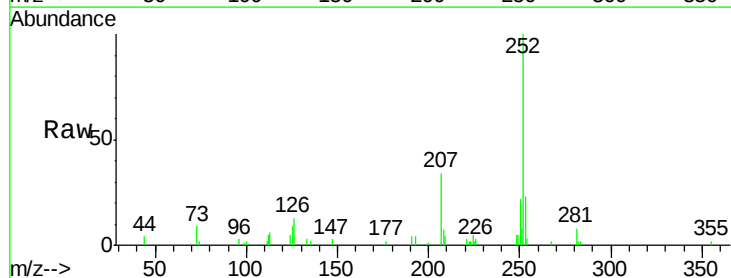
RT: 23.02 min Scan# 3456

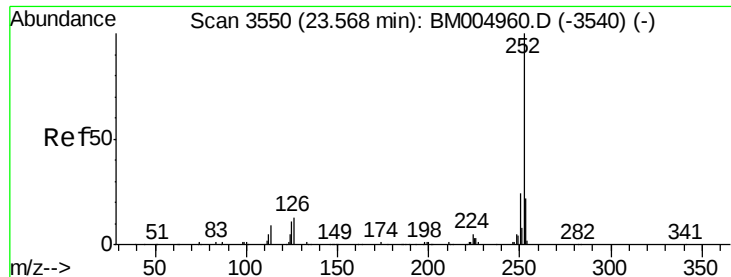
Delta R.T. -0.01 min

Lab File: BM005022.D

Acq: 21 Apr 2016 13:48

Tgt Ion:	252	Resp:	30470
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	9.5	7.9	11.9





#88

Benzo(a)pyrene

Concen: 4.60 ng/ul

RT: 23.56 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BM005022.D

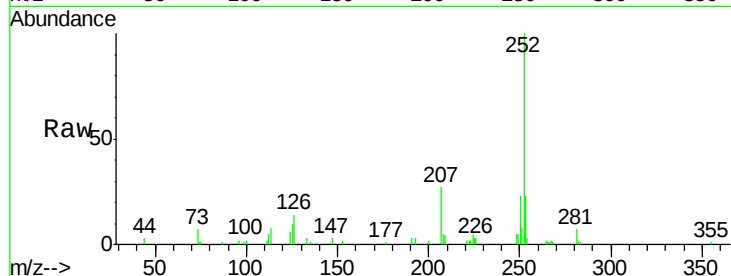
Acq: 21 Apr 2016 13:48

Instrument :

BNA_M

ClientSampleId :

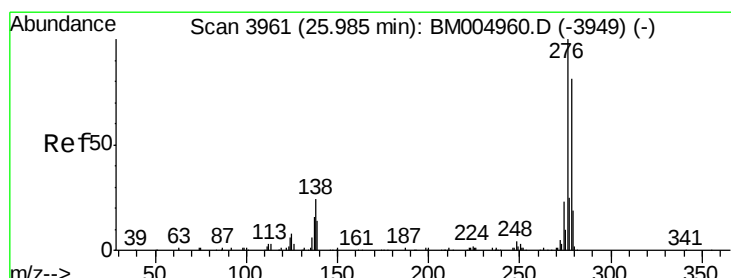
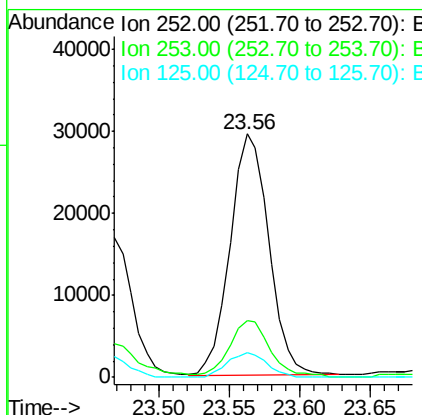
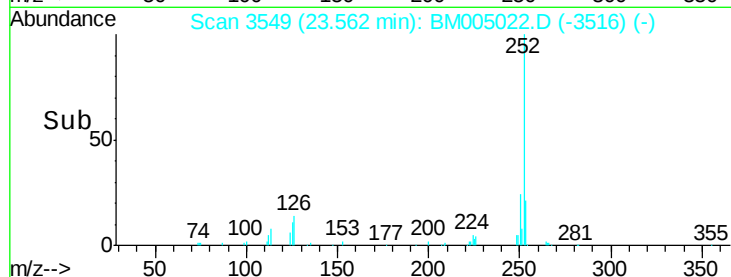
BC7J1DL



Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	17.5	26.3
125	10.4	8.3	12.5

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.78 ng/ul

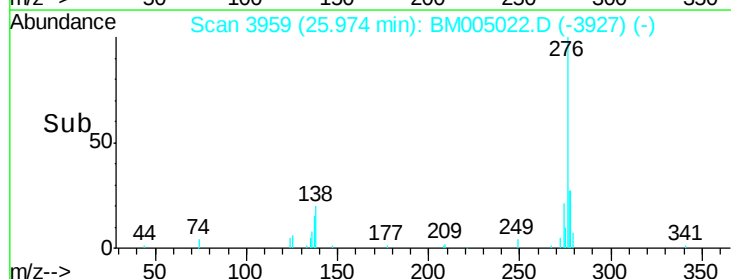
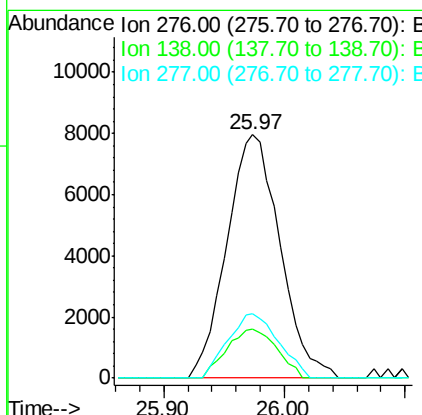
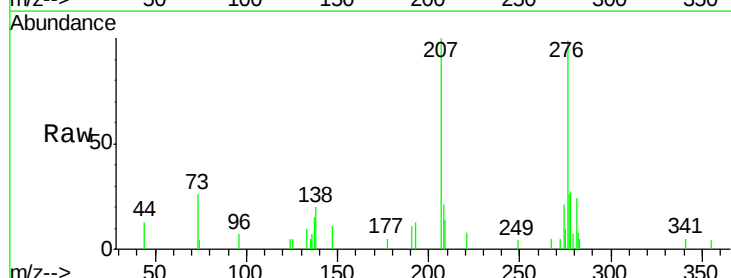
RT: 25.97 min Scan# 3959

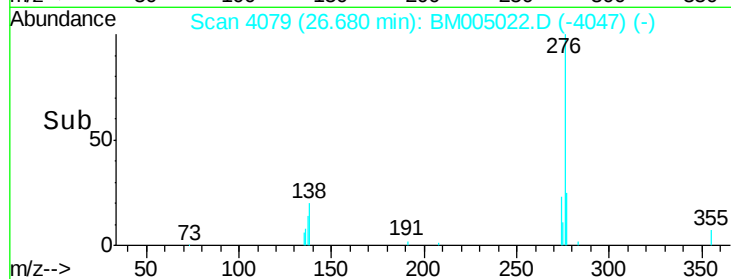
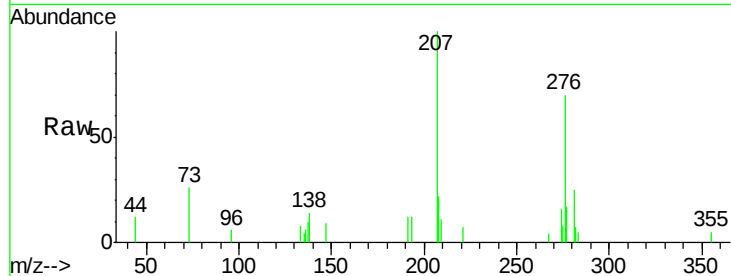
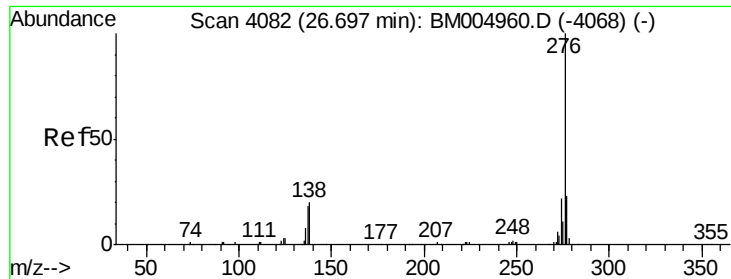
Delta R.T. -0.01 min

Lab File: BM005022.D

Acq: 21 Apr 2016 13:48

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	20.0	20.2	30.4#
277	26.5	20.4	30.6





#91

Benzo(g,h,i)perylene

Concen: 1.55 ng/ul

RT: 26.68 min Scan# 4079

Delta R.T. -0.01 min

Lab File: BM005022.D

Acq: 21 Apr 2016 13:48

Instrument :

BNA_M

ClientSampleId :

BC7J1DL

Tgt Ion:	276	Resp:	17800
Ion Ratio	Lower	Upper	
276	100		
138	20.2	17.4	26.2
277	25.0	19.0	28.4

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