

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001858.D
 Acq On : 07 Jul 2015 05:34
 Operator : TP/UM
 Sample : G2860-08 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93J3

Manual Integrations
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Quant Time: Jul 08 07:39:27 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 07 04:02:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	56525	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	217459	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	127137	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	290651	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	350386	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	355522	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	6.83	99	4565	1.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	2644	1.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	3710	1.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	3707	1.06	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	1585	1.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	1749	1.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	4347	1.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	5499	1.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	11893	1.26	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	15031	1.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	1344	0.77	ng/ul	0.00
57) Fluorene-d10	15.31	176	12138	1.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	744	0.42	ng/ul	0.00
70) Anthracene-d10	17.16	188	17691	1.31	ng/ul	0.00
78) Pyrene-d10	19.46	212	19757	1.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	20434	1.30	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.86	94	25254	5.64 ng/ul	98
11) 2-Methylphenol	8.10	108	18561	5.60 ng/ul	96
16) 4-Methylphenol	8.43	108	37692	10.46 ng/ul	98
24) 2,4-Dimethylphenol	9.63	107	20980	5.04 ng/ul	96
28) Naphthalene	10.51	128	2924572	266.36 ng/ul	99
34) 2-Methylnaphthalene	12.12	142	619140	77.97 ng/ul	96
40) 1,1'-Biphenyl	13.14	154	132951	12.81 ng/ul	98
47) Acenaphthylene	14.04	152	400458	31.78 ng/ul	98
49) Acenaphthene	14.38	153	58367	6.93 ng/ul	97
53) Dibenzofuran	14.72	168	213301	17.69 ng/ul	96
58) Fluorene	15.37	166	262397	26.15 ng/ul	98
69) Phenanthrene	17.11	178	1600038	101.52 ng/ul	99
71) Anthracene	17.20	178	341051	21.08 ng/ul	99
74) Carbazole	17.47	167	100434	7.07 ng/ul	99
76) Fluoranthene	19.13	202	969756	51.45 ng/ul	99
79) Pyrene	19.49	202	1015775	52.25 ng/ul	98
82) Benzo(a)anthracene	21.24	228	369601	18.05 ng/ul	93
84) Chrysene	21.29	228	286666	14.77 ng/ul	97
87) Benzo(b)fluoranthene	22.81	252	339864	16.42 ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	104778m	5.24 ng/ul	
90) Benzo(a)pyrene	23.38	252	324057	16.10 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.71	276	182310	7.64 ng/ul#	94
92) Dibenzo(a,h)anthracene	25.71	278	39776	1.97 ng/ul	95

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 04:02:33 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.40	276	110709	5.51	ng/ul	96

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

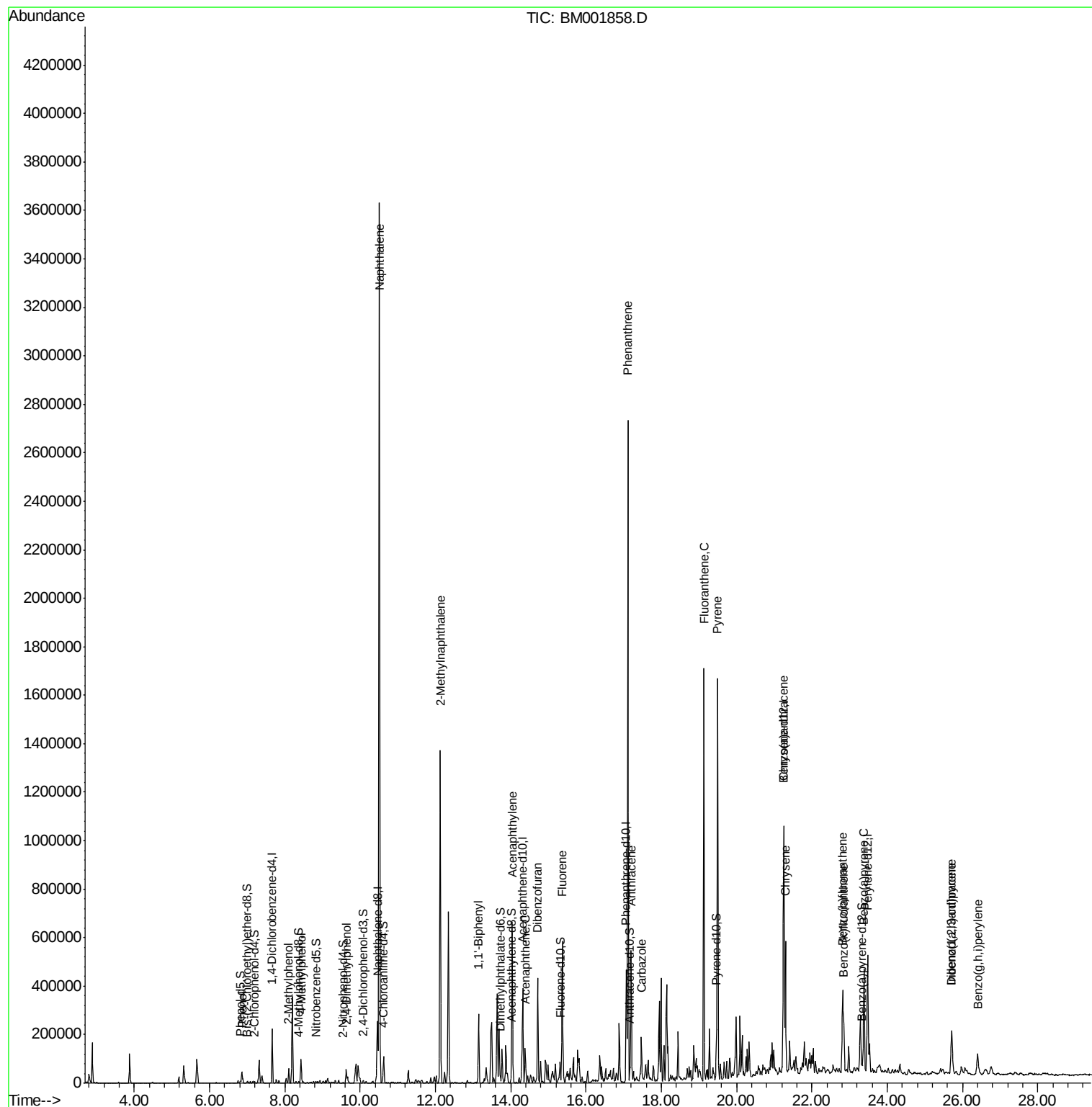
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001858.D
Acq On : 07 Jul 2015 05:34
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Sample : G2860-08 10X
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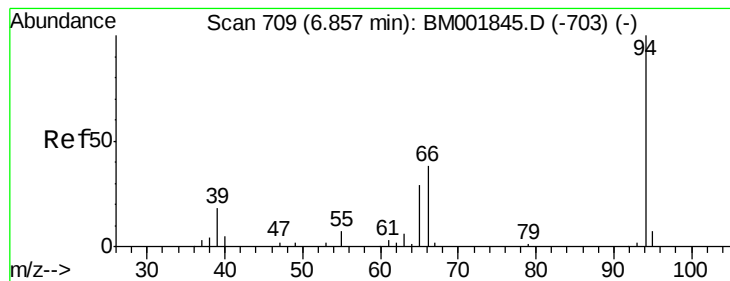
Instrument :
BNA_M
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G93J3

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#6

Phenol

Concen: 5.64 ng/ul

RT: 6.86 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM001858.D

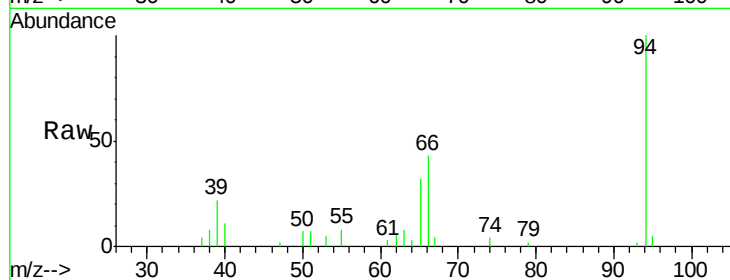
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Instrument :

BNA_M

ClientSampleId :

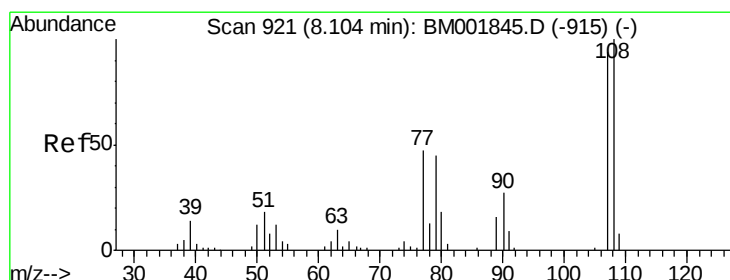
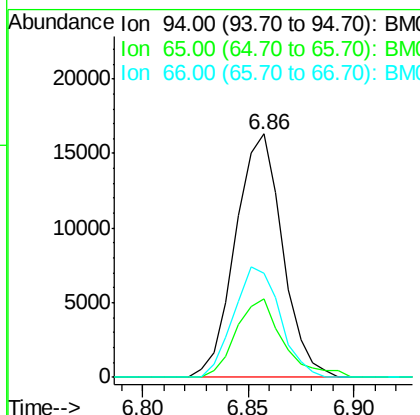
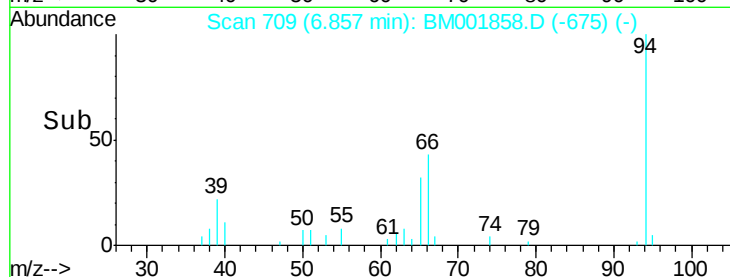
G93J3



Tgt Ion:	94	Resp:	25254
Ion Ratio	Lower	Upper	
94	100		
65	32.0	26.1	39.1
66	42.6	35.9	53.9

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#11

2-Methylphenol

Concen: 5.60 ng/ul

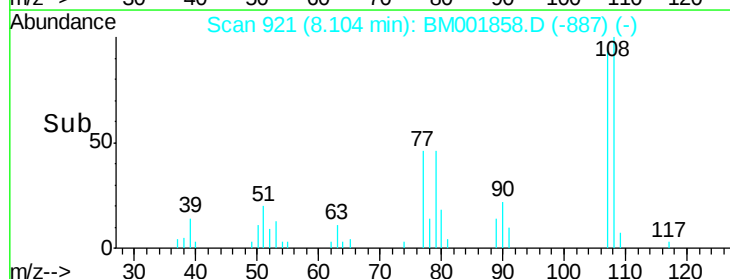
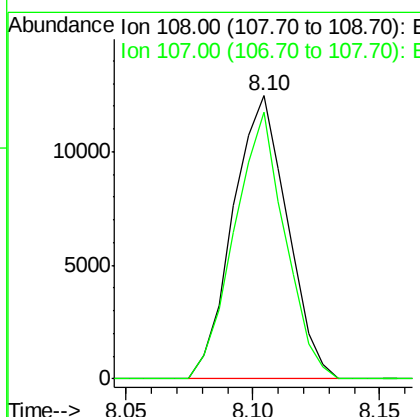
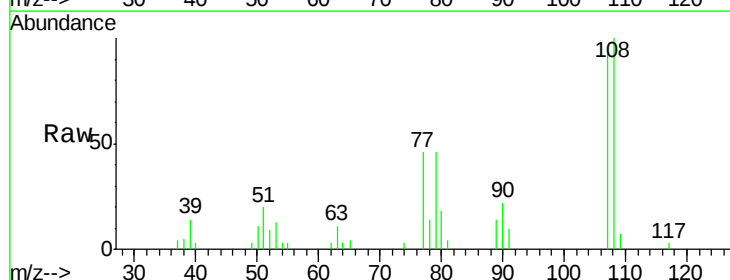
RT: 8.10 min Scan# 921

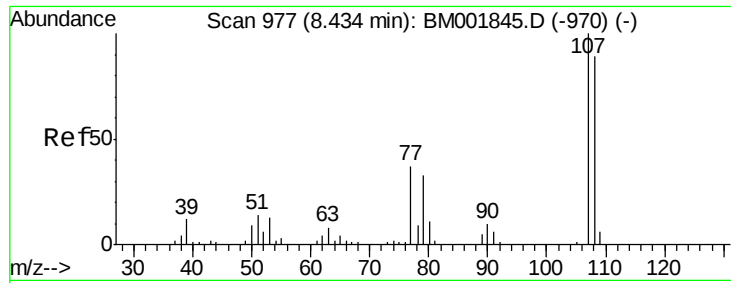
Delta R.T. 0.00 min

Lab File: BM001858.D

Acq: 07 Jul 2015 05:34

Tgt Ion:	108	Resp:	18561
Ion Ratio	Lower	Upper	
108	100		
107	94.0	72.1	108.1





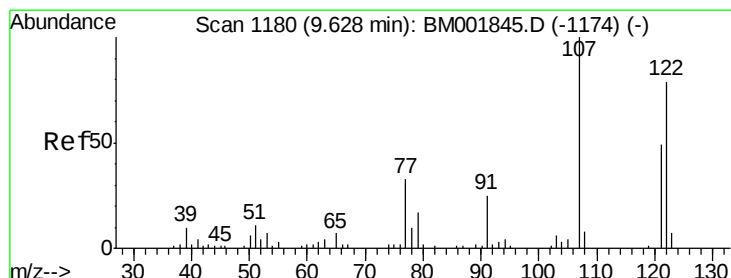
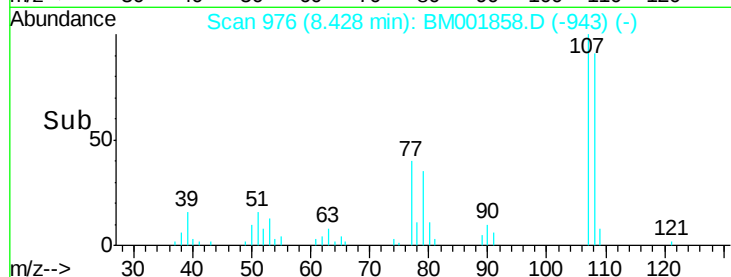
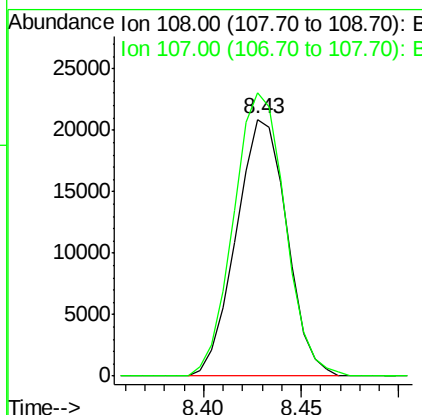
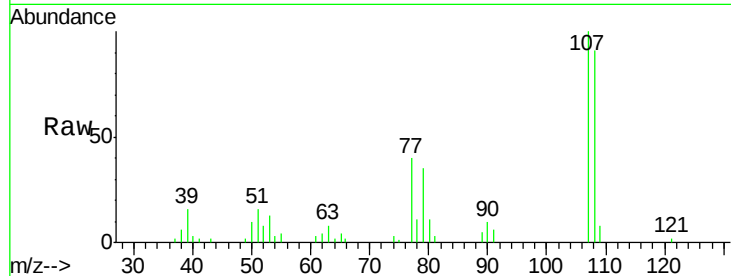
#16
 4-Methylphenol
 Concen: 10.46 ng/ul
 RT: 8.43 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BM001858.D
 Acq: 07 Jul 2015 05:34

Instrument :
 BNA_M
 ClientSampled :
 G93J3

Tgt Ion:108 Resp: 37692
 Ion Ratio Lower Upper
 108 100
 107 110.3 89.9 134.9

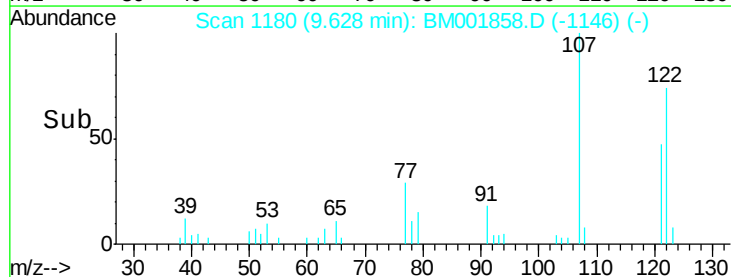
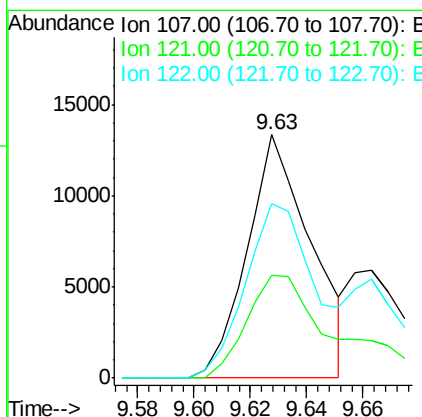
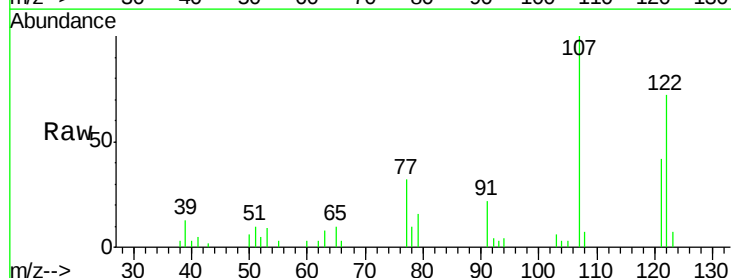
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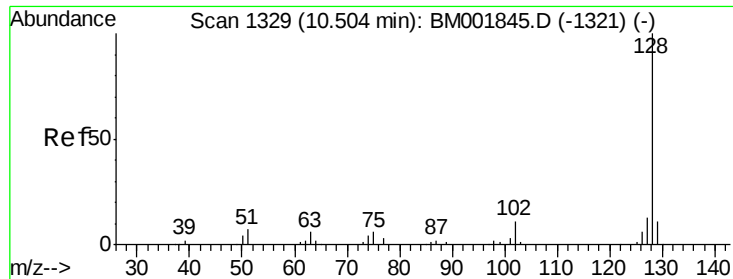
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#24
 2,4-Dimethylphenol
 Concen: 5.04 ng/ul
 RT: 9.63 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BM001858.D
 Acq: 07 Jul 2015 05:34

Tgt Ion:107 Resp: 20980
 Ion Ratio Lower Upper
 107 100
 121 42.4 37.4 56.2
 122 71.8 59.2 88.8





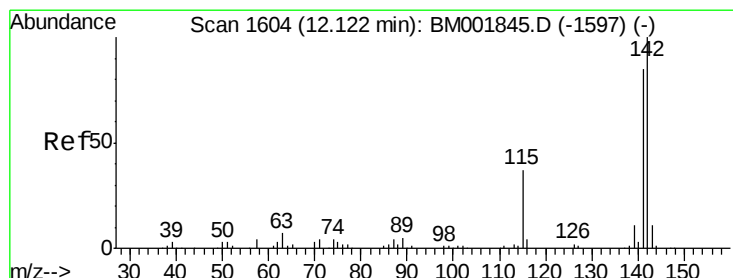
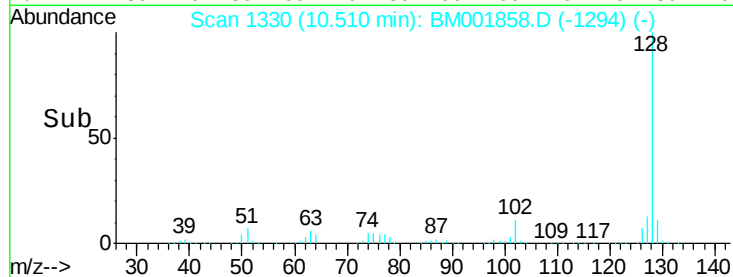
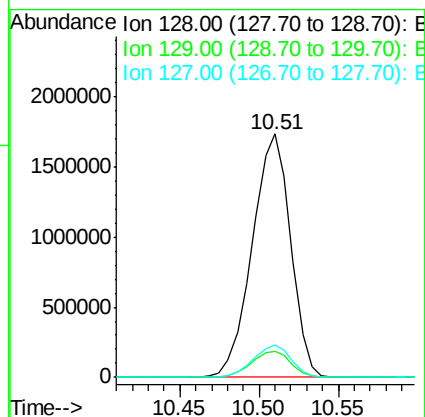
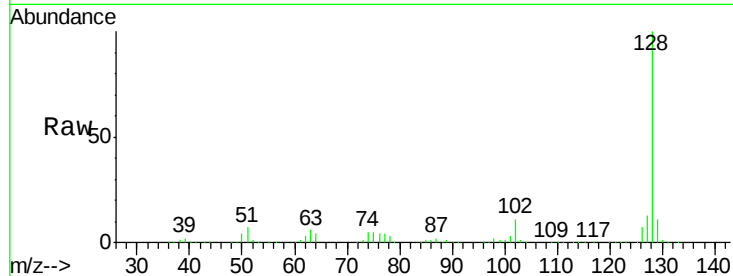
#28
Naphthalene
Concen: 266.36 ng/ul
RT: 10.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BM001858.D
Acq: 07 Jul 2015 05:34

Instrument :
BNA_M
ClientSampleId :
G93J3

Tgt Ion:128 Resp: 2924572
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.0 15.0

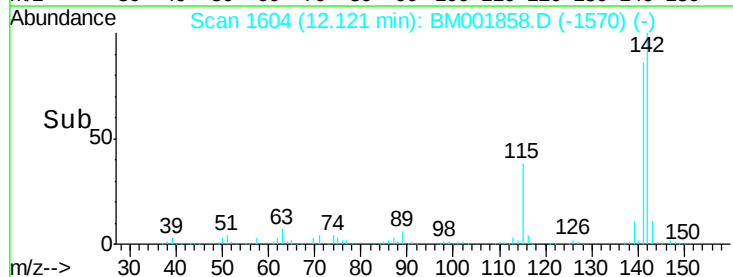
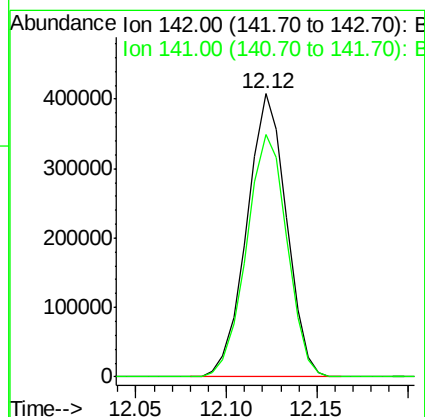
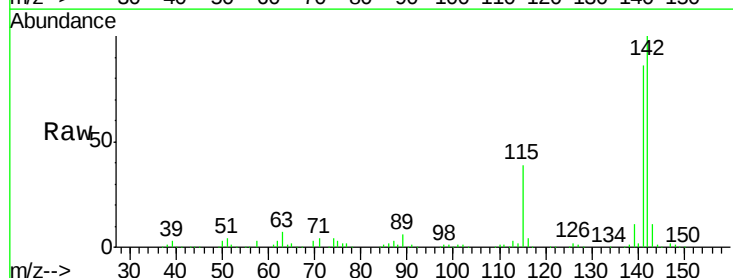
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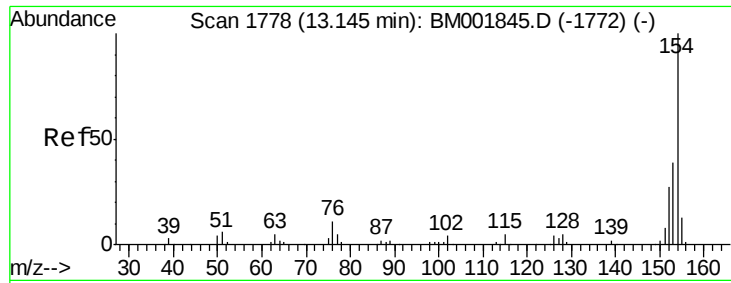
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#34
2-Methylnaphthalene
Concen: 77.97 ng/ul
RT: 12.12 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BM001858.D
Acq: 07 Jul 2015 05:34

Tgt Ion:142 Resp: 619140
Ion Ratio Lower Upper
142 100
141 85.7 71.6 107.4





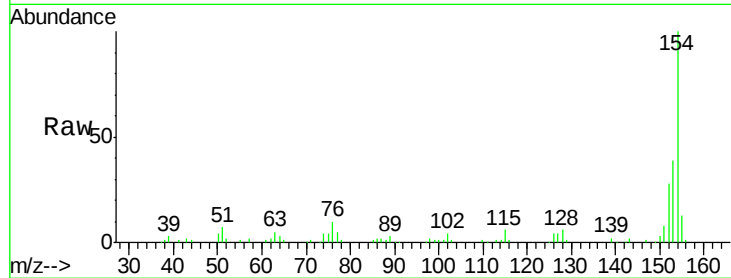
#40
 1,1'-Biphenyl
 Concen: 12.81 ng/ul
 RT: 13.14 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BM001858.D
 Acq: 07 Jul 2015 05:34

Instrument :
 BNA_M
 ClientSampleId :
 G93J3

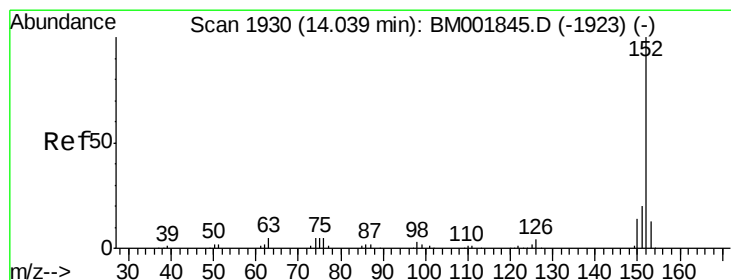
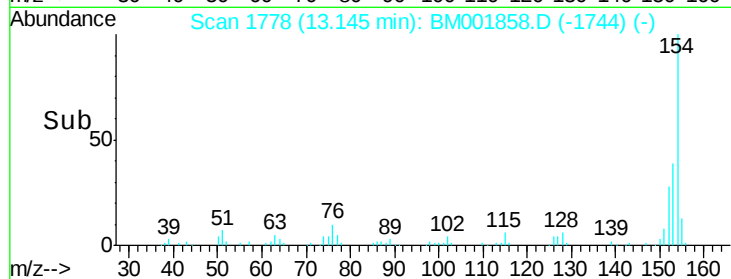
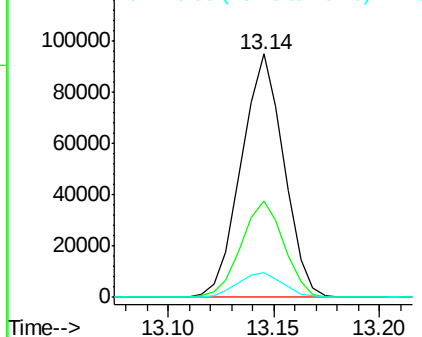
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	132951		
153	39.3	32.5	48.7	
76	10.3	9.0	13.6	

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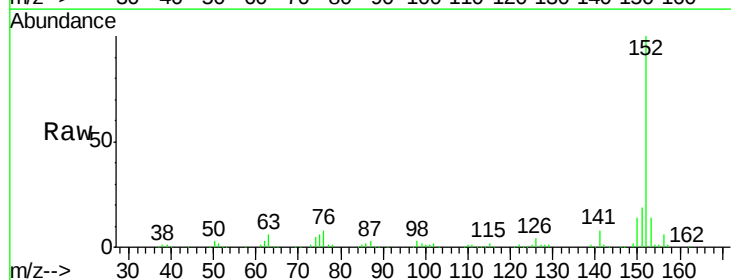


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

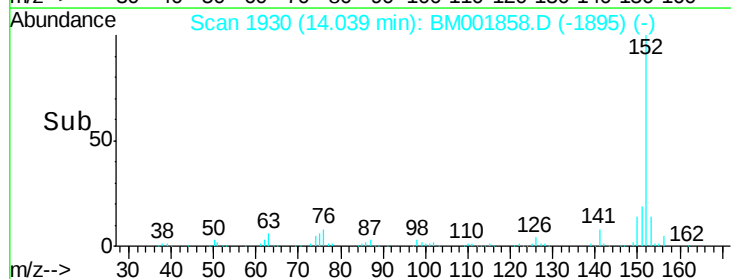
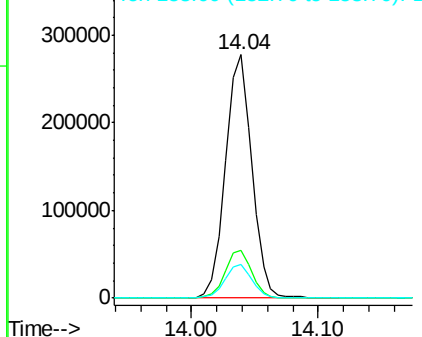


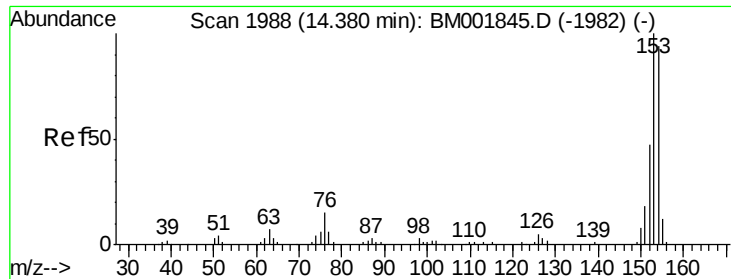
#47
 Acenaphthylene
 Concen: 31.78 ng/ul
 RT: 14.04 min Scan# 1930
 Delta R.T. 0.01 min
 Lab File: BM001858.D
 Acq: 07 Jul 2015 05:34

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	400458		
151	19.4	15.9	23.9	
153	13.8	10.0	15.0	



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 6.93 ng/ul

RT: 14.38 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BM001858.D

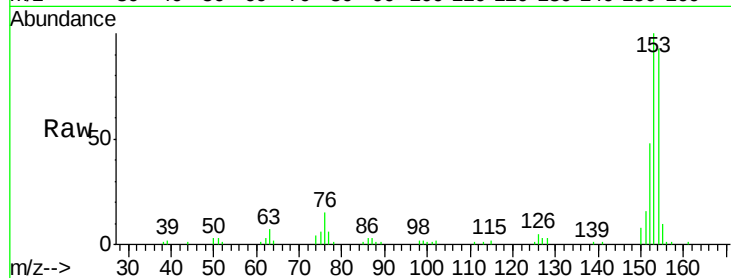
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Instrument :

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ClientSampleId :

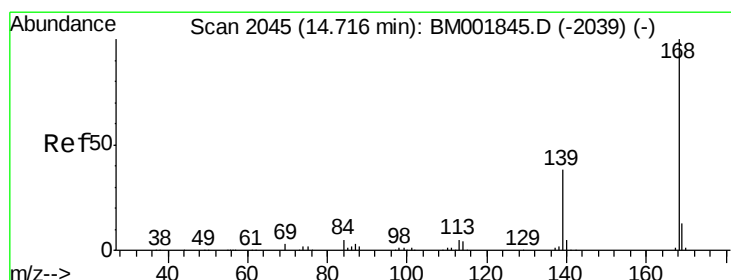
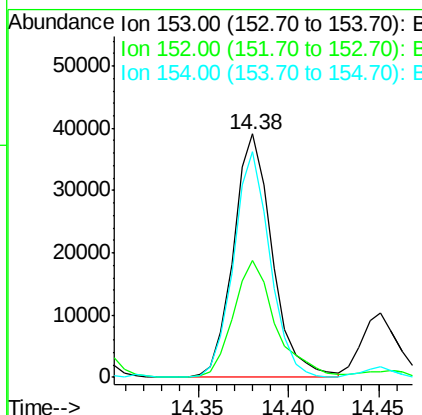
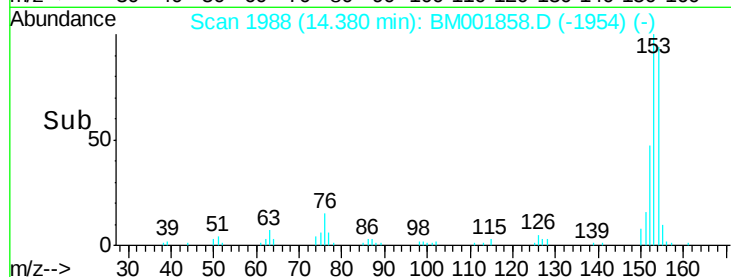
G93J3



Tgt Ion:	153	Resp:	58367
Ion Ratio	Lower	Upper	
153	100		
152	48.1	36.6	55.0
154	92.6	72.6	108.8

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#53

Dibenzofuran

Concen: 17.69 ng/ul

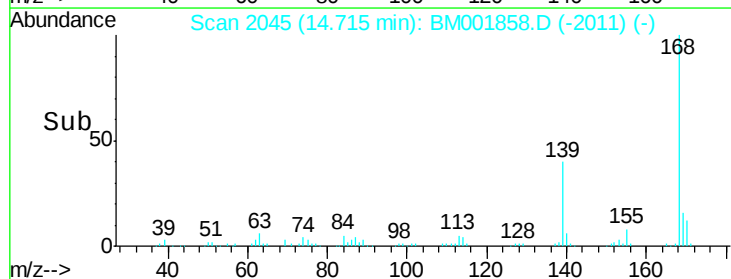
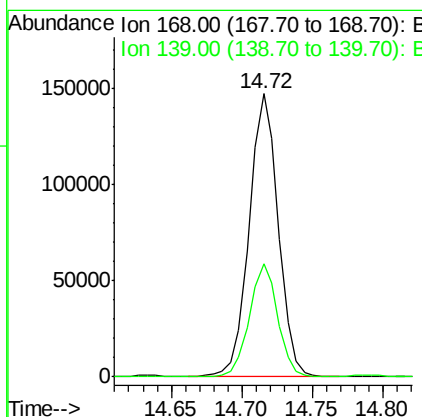
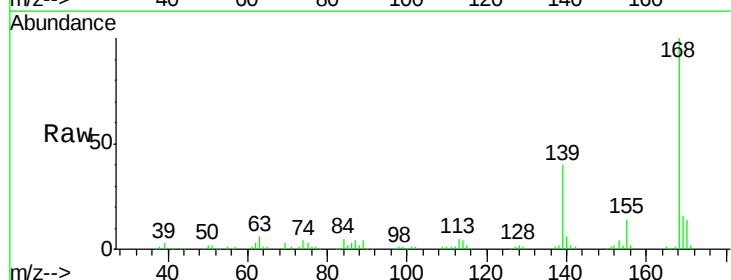
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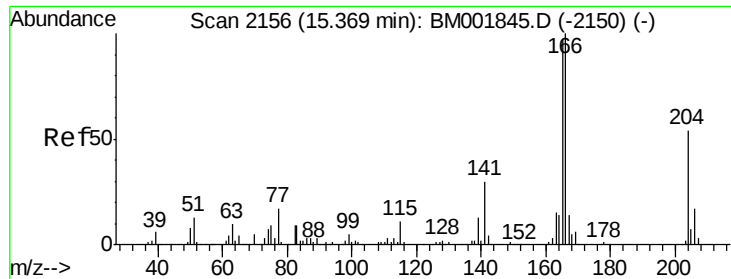
Delta R.T. 0.00 min

Lab File: BM001858.D

Acq: 07 Jul 2015 05:34

Tgt Ion:	168	Resp:	213301
Ion Ratio	Lower	Upper	
168	100		
139	40.1	30.1	45.1





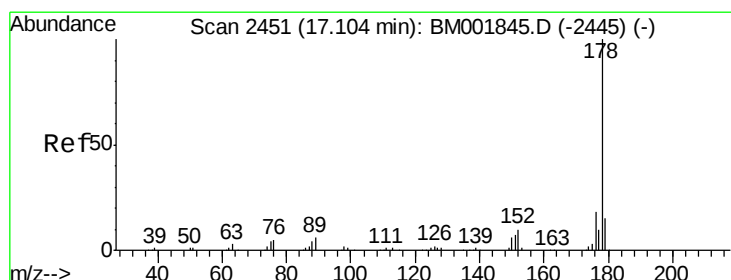
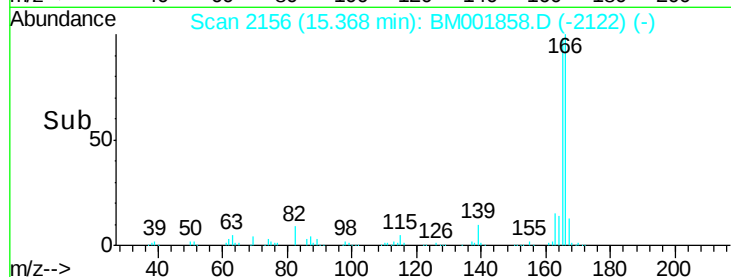
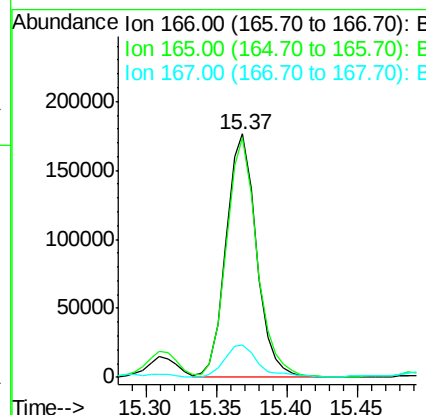
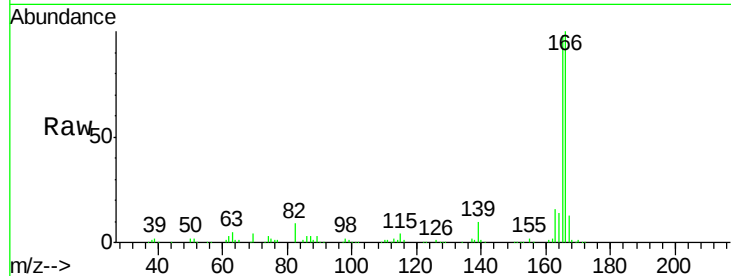
#58
 Fluorene
 Concen: 26.15 ng/ul
 RT: 15.37 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BM001858.D
 Acq: 07 Jul 2015 05:34

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	262397		
165	98.4	77.4	116.2	
167	13.2	11.3	16.9	

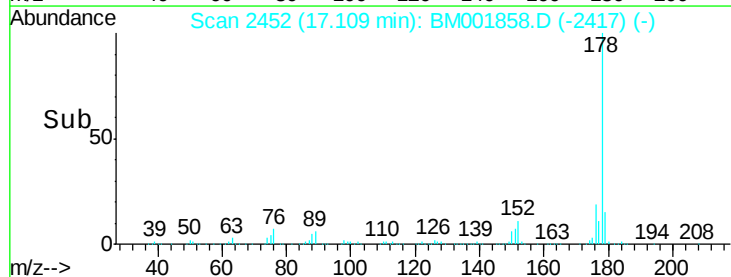
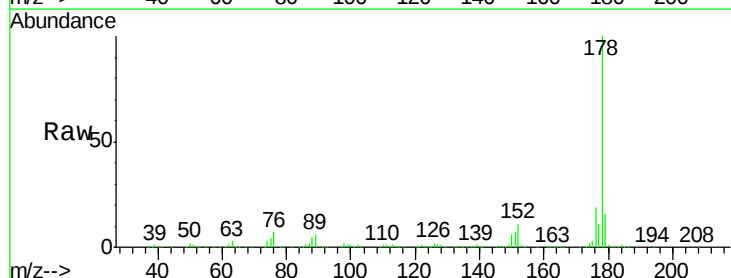
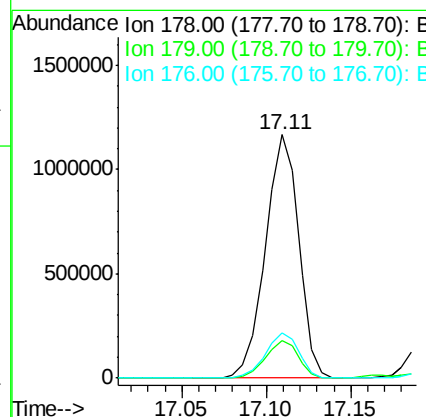
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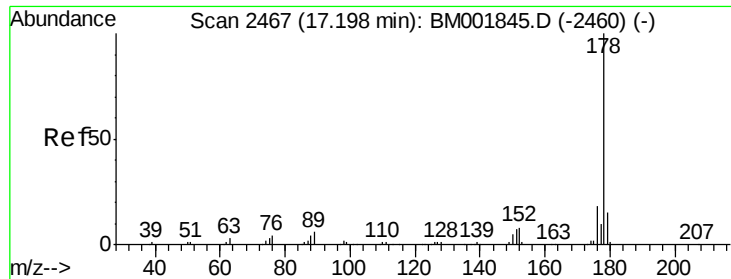
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#69
 Phenanthrene
 Concen: 101.52 ng/ul
 RT: 17.11 min Scan# 2452
 Delta R.T. 0.01 min
 Lab File: BM001858.D
 Acq: 07 Jul 2015 05:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1600038		
179	15.5	11.9	17.9	
176	18.6	15.2	22.8	





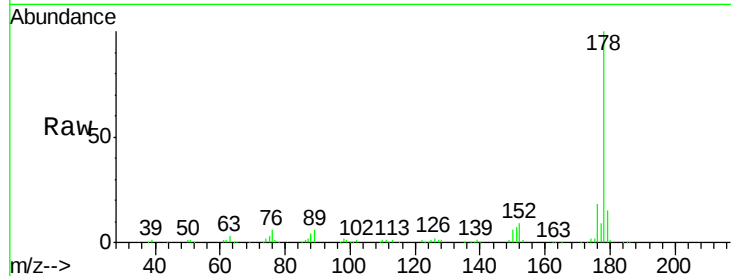
#71
 Anthracene
 Concen: 21.08 ng/ul
 RT: 17.20 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BM001858.D
 Acq: 07 Jul 2015 05:34

Instrument :
 BNA_M
 ClientSampleId :
 G93J3

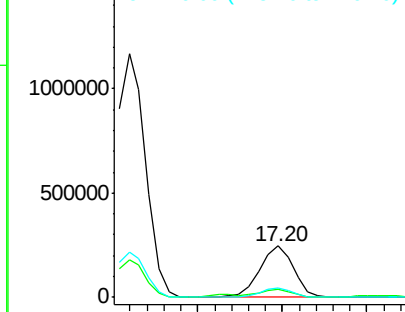
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	17.7	14.4	21.6

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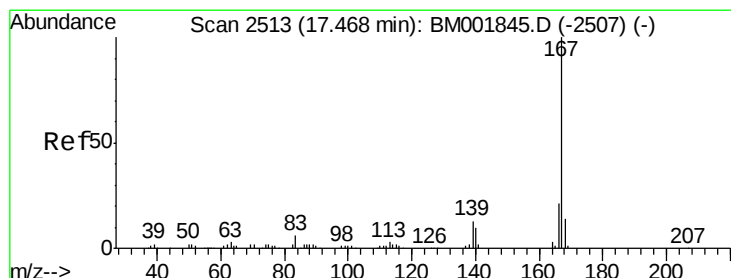
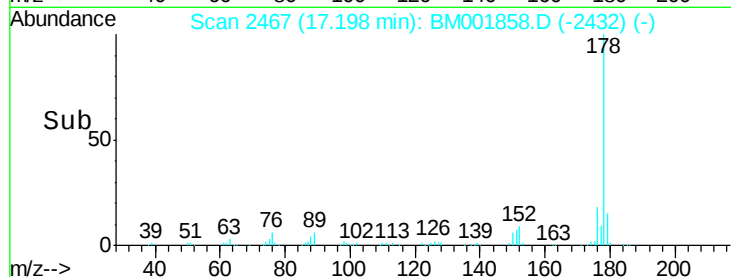
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Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



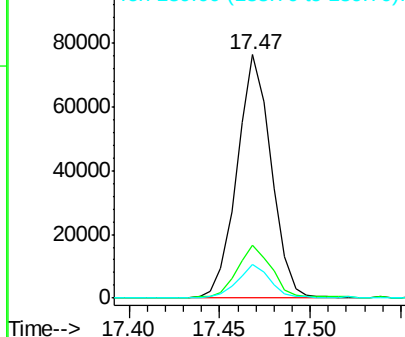
Time-->



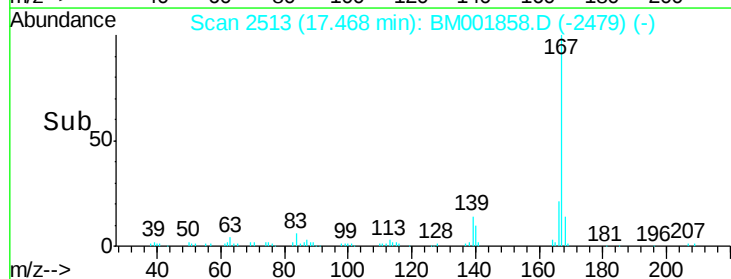
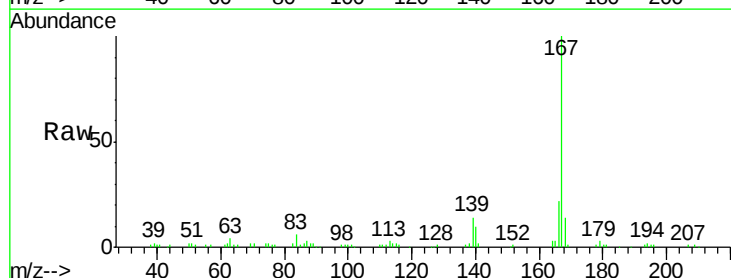
#74
 Carbazole
 Concen: 7.07 ng/ul
 RT: 17.47 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BM001858.D
 Acq: 07 Jul 2015 05:34

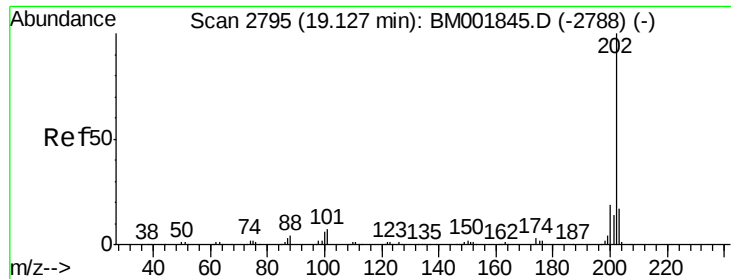
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	13.6	10.1	15.1

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





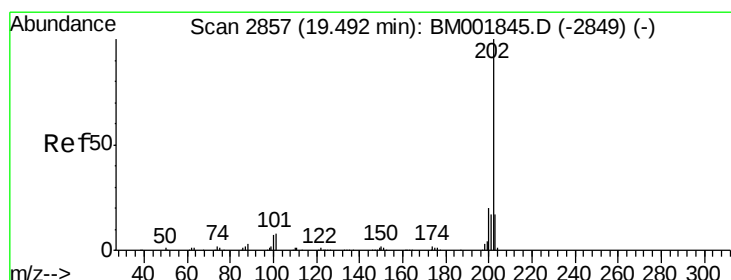
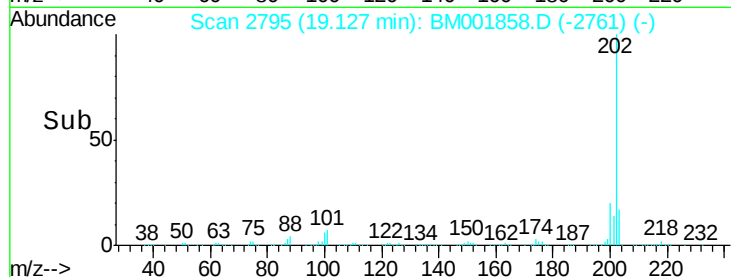
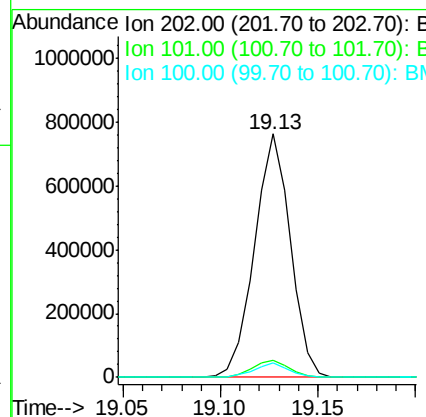
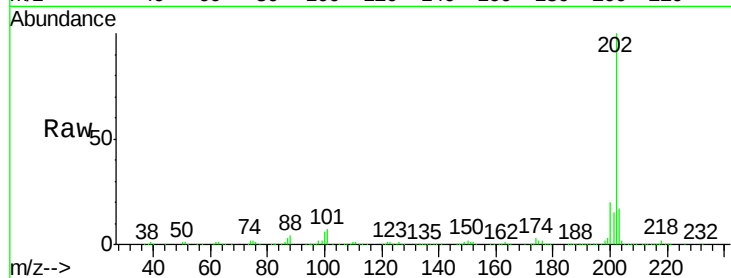
#76
 Fluoranthene
 Concen: 51.45 ng/ul
 RT: 19.13 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BM001858.D
 Acq: 07 Jul 2015 05:34

Instrument :
 BNA_M
 ClientSampleId :
 G93J3

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	969756		
101	7.0	6.1	9.1	
100	5.7	4.8	7.2	

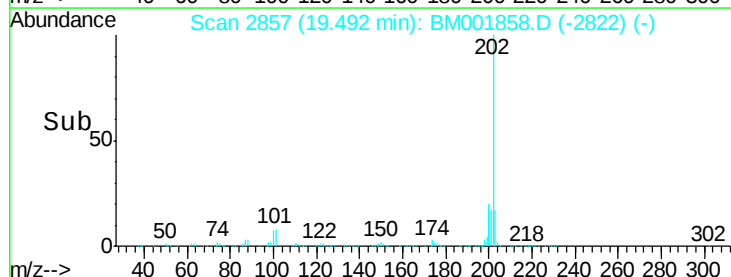
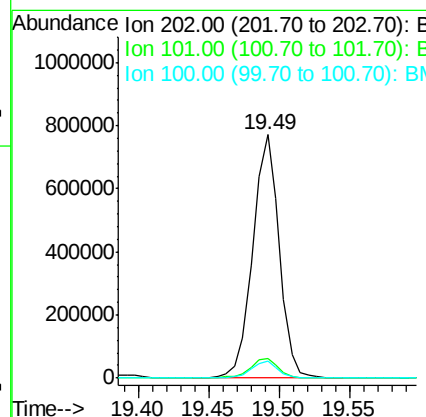
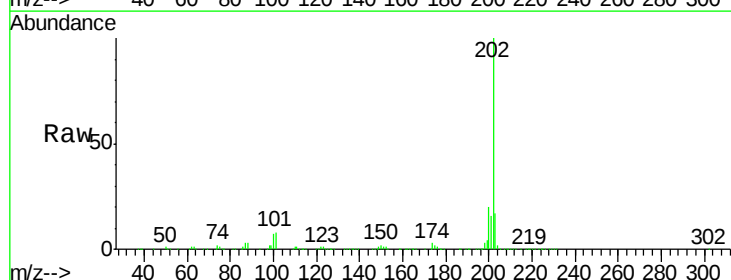
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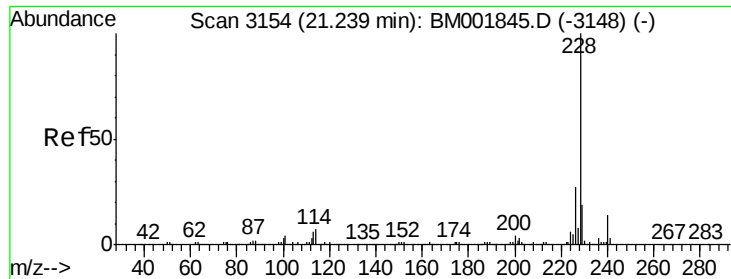
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#79
 Pyrene
 Concen: 52.25 ng/ul
 RT: 19.49 min Scan# 2857
 Delta R.T. 0.01 min
 Lab File: BM001858.D
 Acq: 07 Jul 2015 05:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1015775		
101	8.0	6.9	10.3	
100	7.0	6.2	9.2	





#82

Benzo(a)anthracene

Concen: 18.05 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BM001858.D

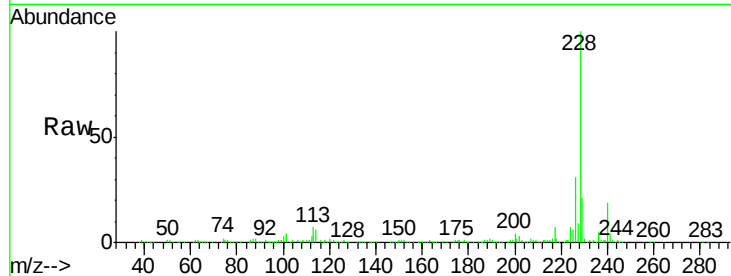
Acq: 07 Jul 2015 05:34

Instrument :

BNA_M

ClientSampleId :

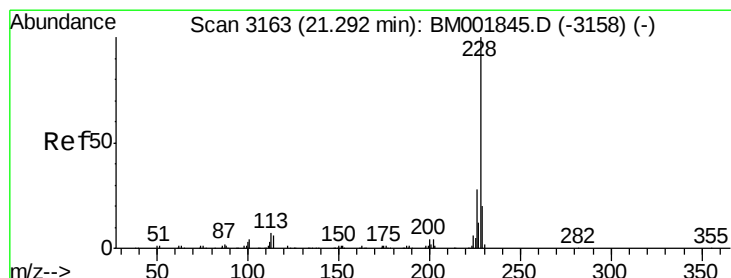
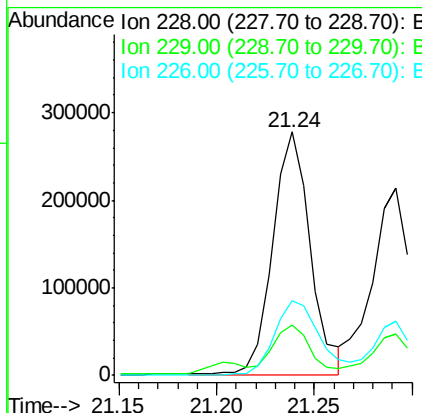
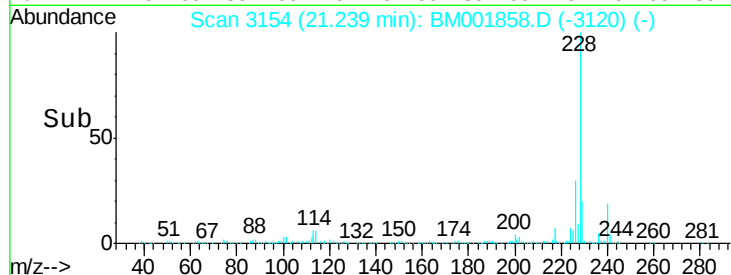
G93J3



Tgt Ion:	228	Resp:	369601
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.4	23.0
226	30.5	20.6	30.8

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#84

Chrysene

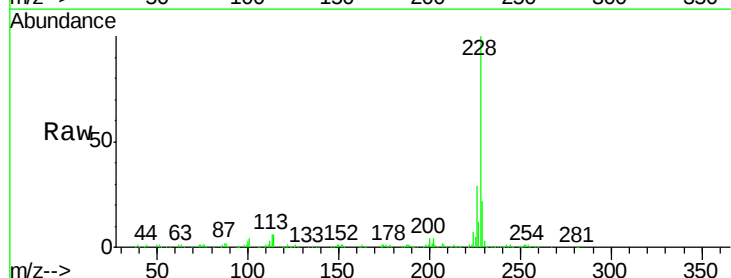
Concen: 14.77 ng/ul

RT: 21.29 min Scan# 3163

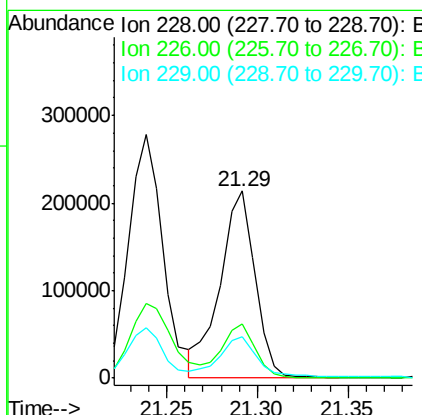
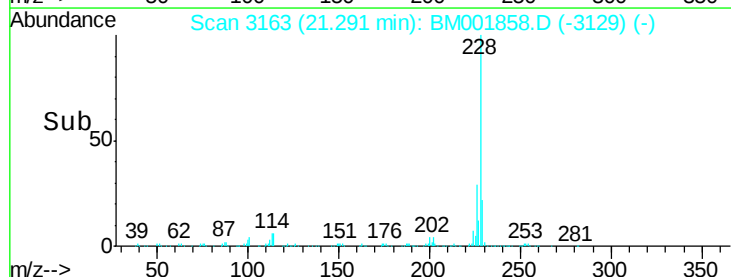
Delta R.T. 0.00 min

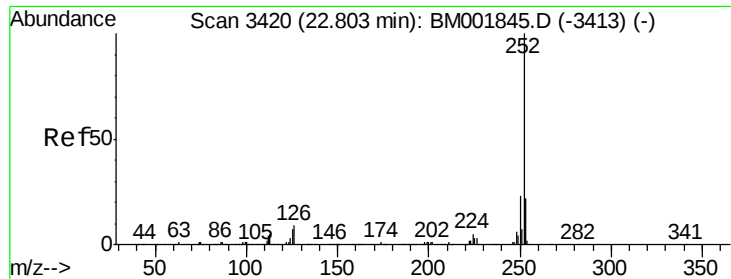
Lab File: BM001858.D

Acq: 07 Jul 2015 05:34



Tgt Ion:	228	Resp:	286666
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.0	34.4
229	22.3	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 16.42 ng/ul

RT: 22.81 min Scan# 3421

Delta R.T. 0.00 min

Lab File: BM001858.D

Acq: 07 Jul 2015 05:34

Instrument :

BNA_M

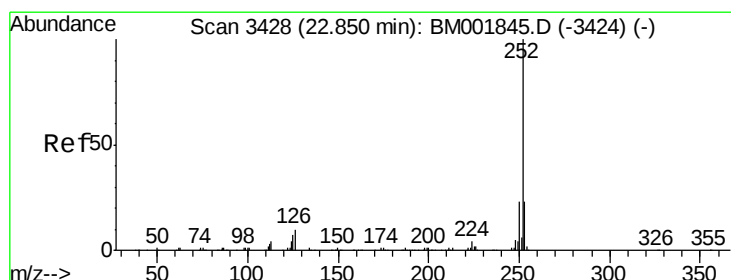
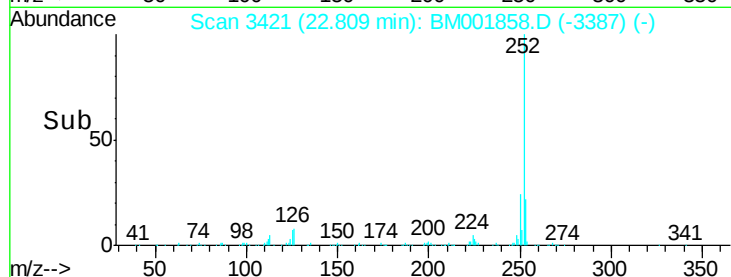
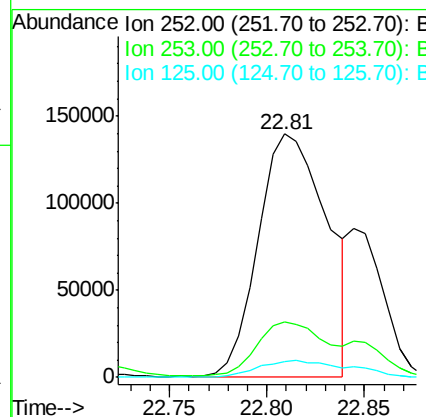
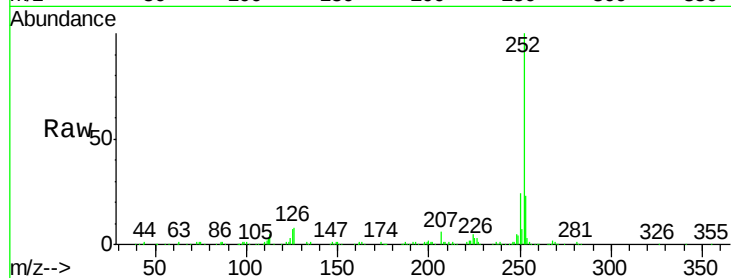
ClientSampleId :

G93J3

Tgt Ion:	252	Resp:	339864
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	6.6	5.3	7.9

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#88

Benzo(k)fluoranthene

Concen: 5.24 ng/ul m

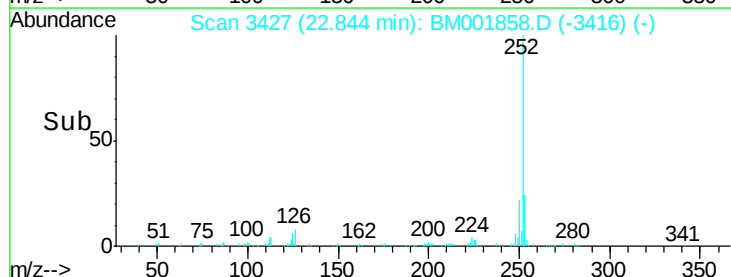
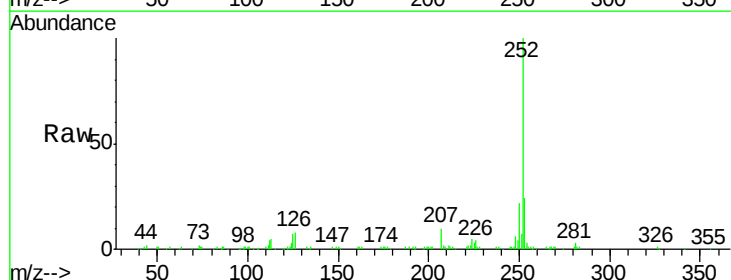
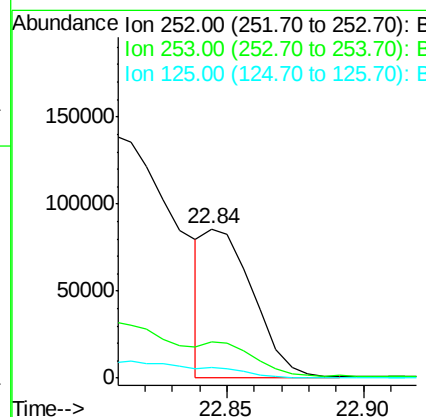
RT: 22.84 min Scan# 3427

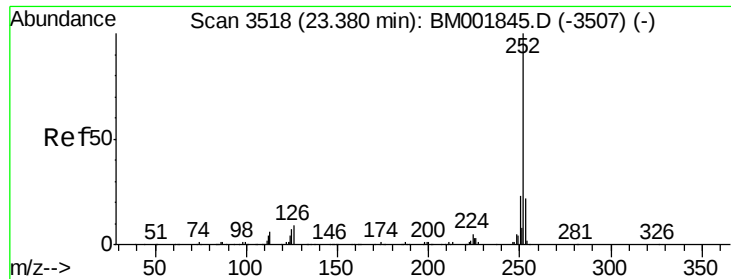
Delta R.T. -0.01 min

Lab File: BM001858.D

Acq: 07 Jul 2015 05:34

Tgt Ion:	252	Resp:	104778
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.1	25.7
125	7.0	5.3	7.9





#90

Benzo(a)pyrene

Concen: 16.10 ng/ul

RT: 23.38 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BM001858.D

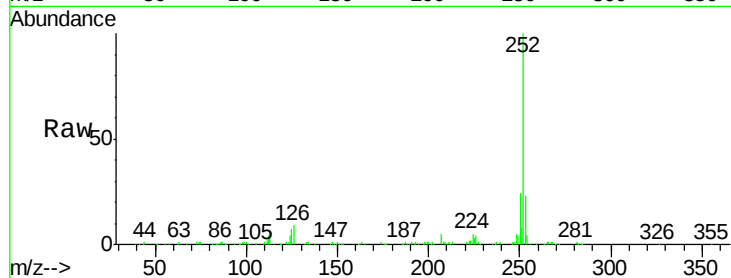
Acq: 07 Jul 2015 05:34

Instrument :

BNA_M

ClientSampled :

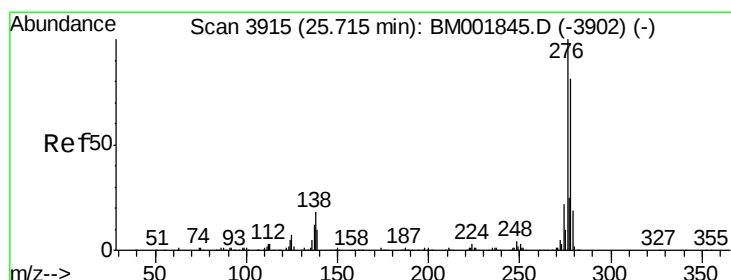
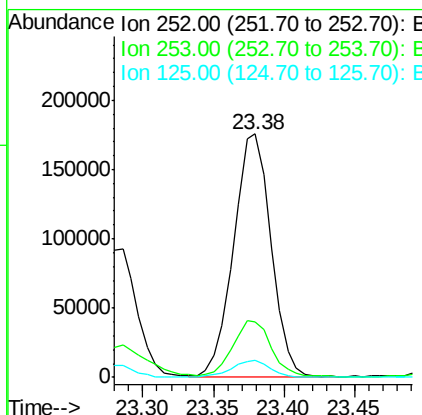
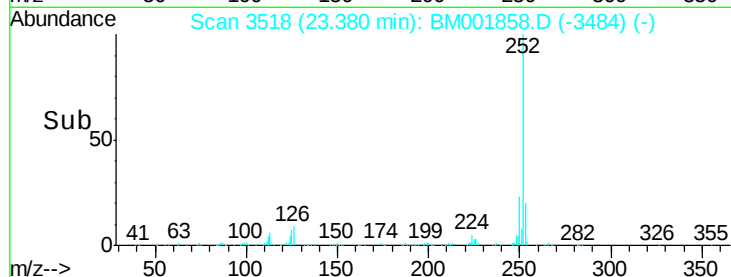
G93J3



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	324057		
253	22.8	17.4	26.0	
125	6.8	6.0	9.0	

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#91

Indeno(1,2,3-cd)pyrene

Concen: 7.64 ng/ul

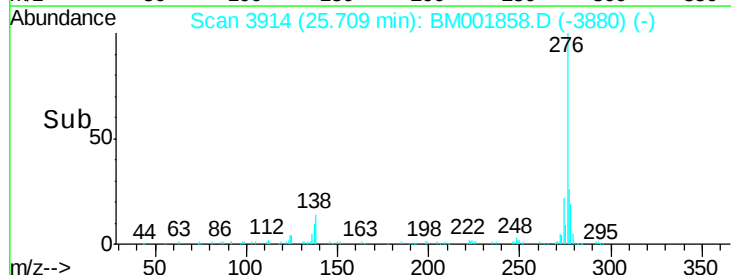
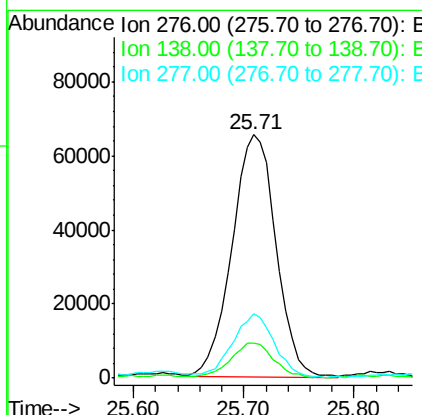
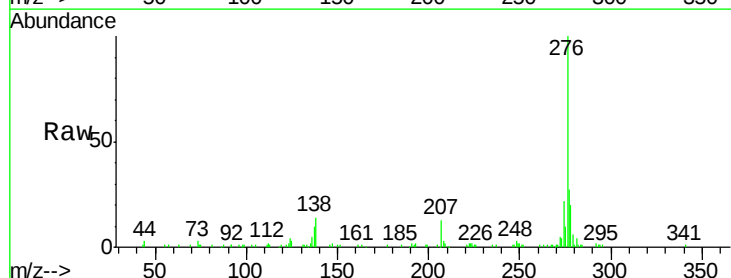
RT: 25.71 min Scan# 3914

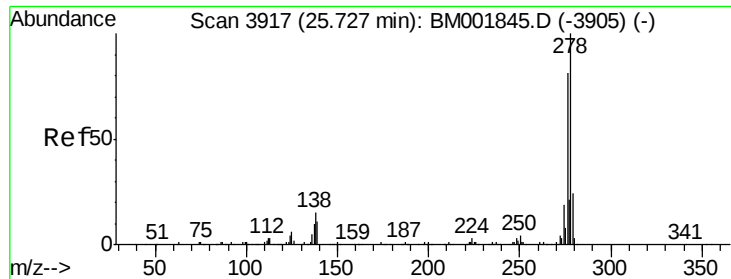
Delta R.T. 0.00 min

Lab File: BM001858.D

Acq: 07 Jul 2015 05:34

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	182310		
138	14.3	14.7	22.1#	
277	26.6	19.7	29.5	





#92

Dibenzo(a,h)anthracene

Concen: 1.97 ng/ul

RT: 25.71 min Scan# 3915

Delta R.T. -0.01 min

Lab File: BM001858.D

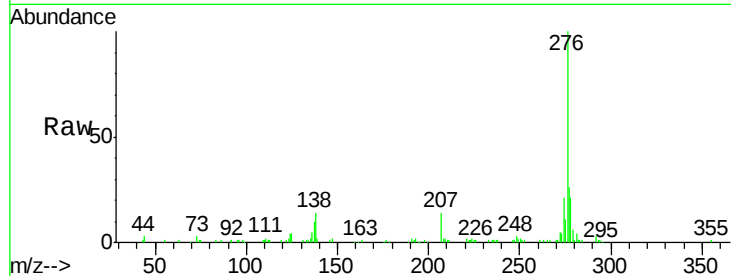
Acq: 07 Jul 2015 05:34

Instrument :

BNA_M

ClientSampleId :

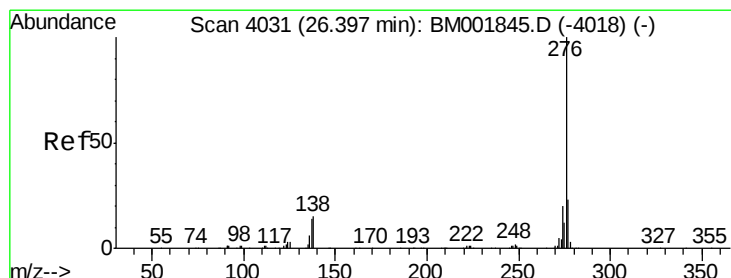
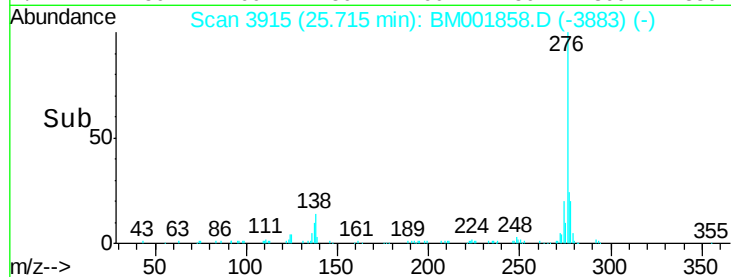
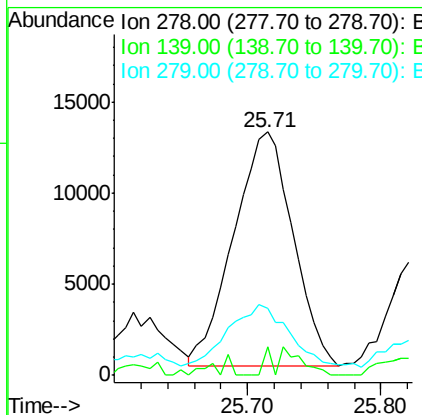
G93J3



Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.8	9.2	13.8
279	27.3	19.1	28.7

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#93

Benzo(g,h,i)perylene

Concen: 5.51 ng/ul

RT: 26.40 min Scan# 4031

Delta R.T. -0.01 min

Lab File: BM001858.D

Acq: 07 Jul 2015 05:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.2	12.6	19.0
277	24.4	18.7	28.1

