

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001870.D
 Acq On : 07 Jul 2015 19:08
 Operator : TP/UM
 Sample : G2860-08DL 50X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93J3DL

Manual Integrations
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Quant Time: Jul 08 05:44:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 05:33:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	71595	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	287167	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	175909	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	391630	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	386564	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	363315	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	1256	0.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	623	0.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	835	0.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	883	0.20	ng/ul	0.00
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	9.55	143	287	0.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	877	0.19	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.60	131	1252	0.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3756	0.29	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	4108	0.24	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.32	176	4719	0.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.17	188	5765	0.32	ng/ul	0.00
78) Pyrene-d10	19.47	212	5175	0.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	5252	0.33	ng/ul	-0.02

Target Compounds

						Qvalue
6) Phenol	6.86	94	6794	1.20	ng/ul	96
11) 2-Methylphenol	8.10	108	5271	1.25	ng/ul	97
16) 4-Methylphenol	8.43	108	10230	2.24	ng/ul	89
24) 2,4-Dimethylphenol	9.64	107	5627	1.02	ng/ul	92
28) Naphthalene	10.51	128	784259	54.09	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	175876	16.77	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	38446	2.68	ng/ul	100
47) Acenaphthylene	14.05	152	107694	6.18	ng/ul	97
49) Acenaphthene	14.39	153	16834	1.44	ng/ul	91
53) Dibenzofuran	14.72	168	63568	3.81	ng/ul	100
58) Fluorene	15.37	166	77264	5.56	ng/ul	98
69) Phenanthrene	17.12	178	457633	21.55	ng/ul	98
71) Anthracene	17.20	178	96203	4.41	ng/ul	99
74) Carbazole	17.47	167	26916	1.41	ng/ul	100
76) Fluoranthene	19.13	202	261096	10.28	ng/ul	98
79) Pyrene	19.50	202	270098	12.59	ng/ul	99
82) Benzo(a)anthracene	21.24	228	84727	3.75	ng/ul	94
84) Chrysene	21.30	228	69822m	3.26	ng/ul	
87) Benzo(b)fluoranthene	22.82	252	77483	3.66	ng/ul	97
88) Benzo(k)fluoranthene	22.86	252	23290m	1.14	ng/ul	
90) Benzo(a)pyrene	23.39	252	71095	3.46	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.73	276	39953	1.64	ng/ul	97
93) Benzo(g,h,i)perylene	26.43	276	25443	1.24	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

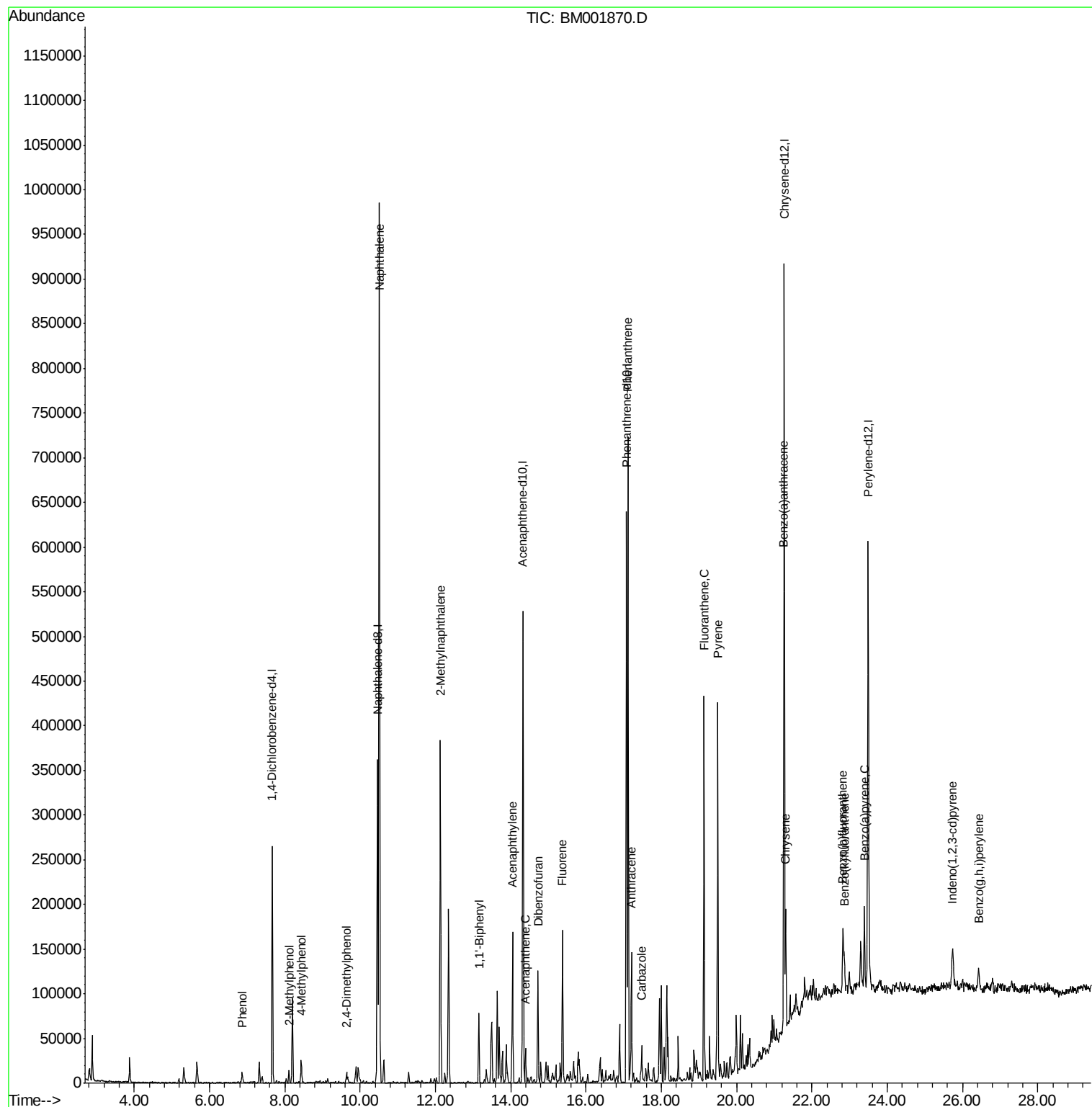
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001870.D
Acq On : 07 Jul 2015 19:08
Operator : TP/UM
Sample : G2860-08DL 50X
Misc :
ALS Vial : 38 Sample Multiplier: 1

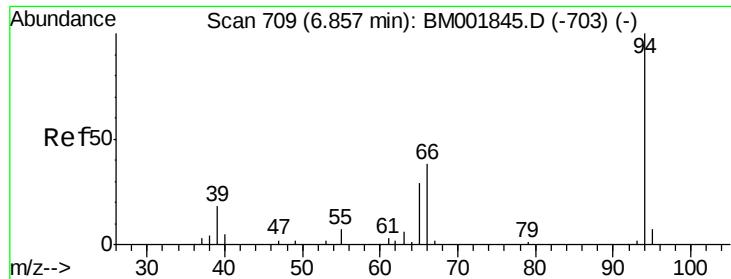
Instrument :
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G93J3DL

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Response via : Initial Calibration





#6

Phenol

Concen: 1.20 ng/ul

RT: 6.86 min Scan# 710

Delta R.T. 0.00 min

Lab File: BM001870.D

Acq: 07 Jul 2015 19:08

Instrument :

BNA_M

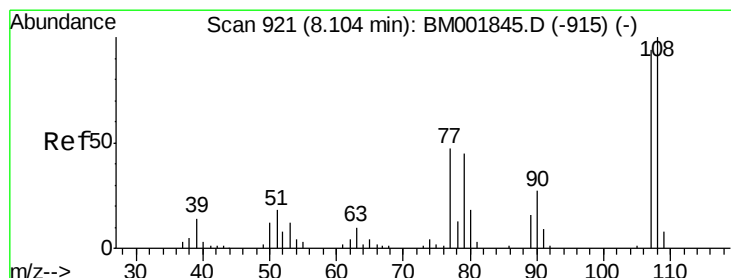
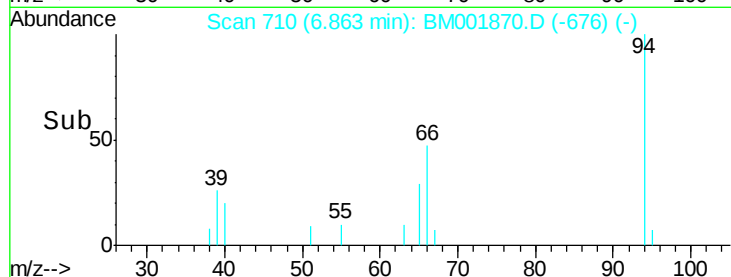
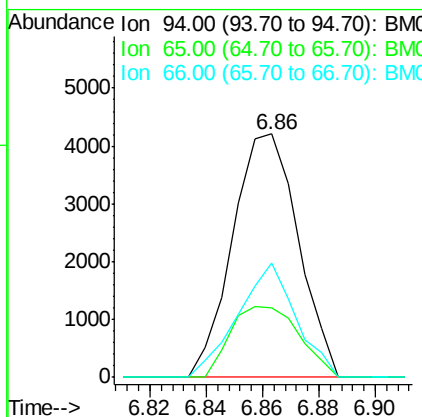
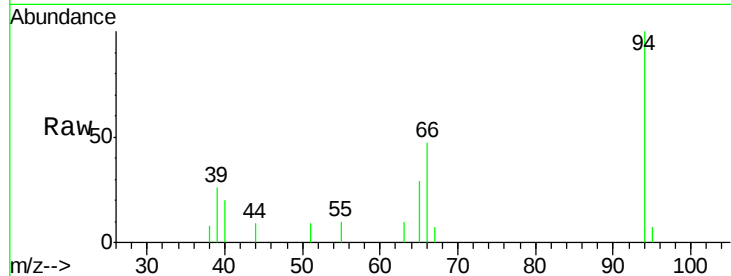
ClientSampled :

G93J3DL

Tgt Ion:	94	Resp:	6794
Ion Ratio	Lower	Upper	
94	100		
65	28.8	26.1	39.1
66	46.7	35.9	53.9

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#11

2-Methylphenol

Concen: 1.25 ng/ul

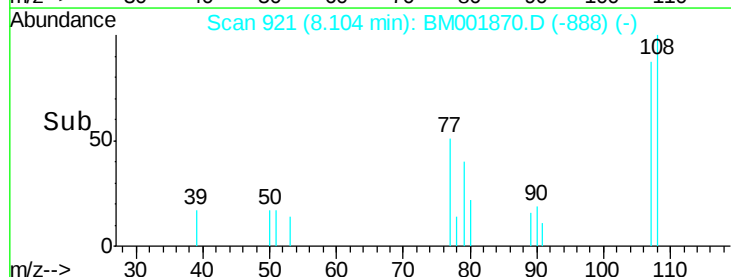
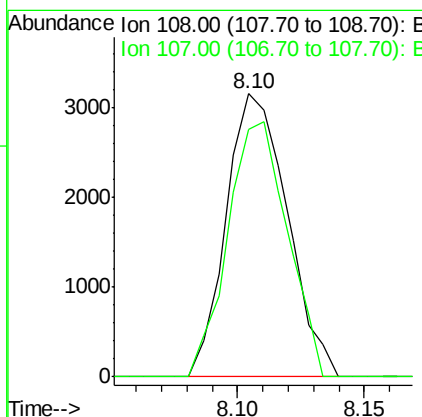
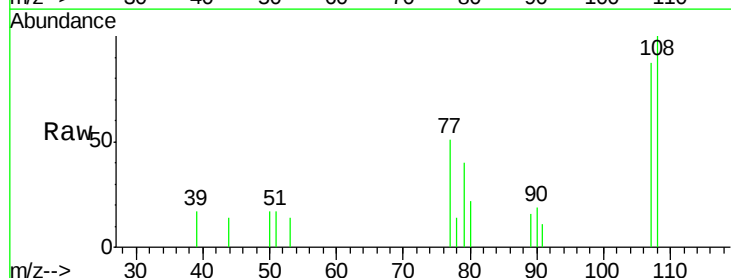
RT: 8.10 min Scan# 921

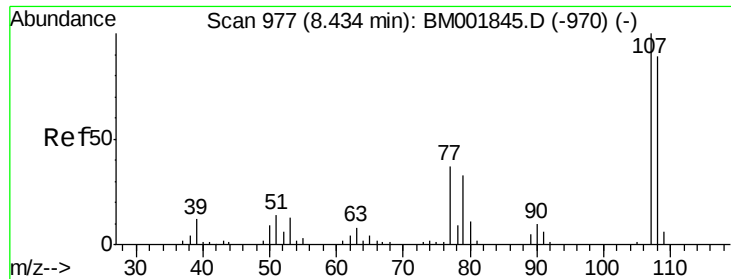
Delta R.T. -0.01 min

Lab File: BM001870.D

Acq: 07 Jul 2015 19:08

Tgt Ion:	108	Resp:	5271
Ion Ratio	Lower	Upper	
108	100		
107	87.4	72.1	108.1





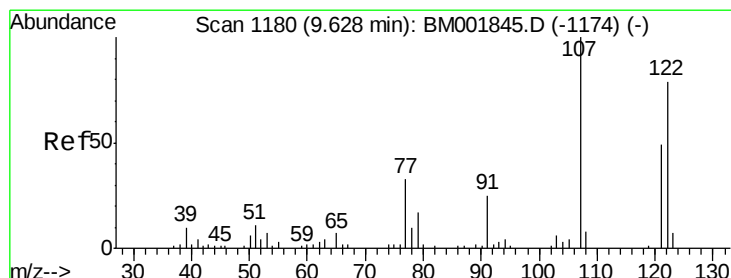
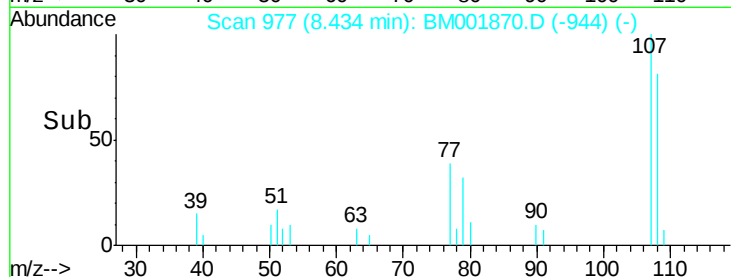
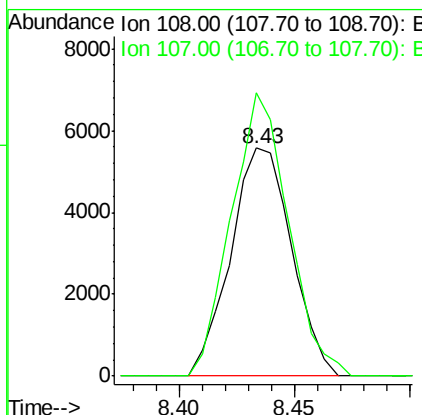
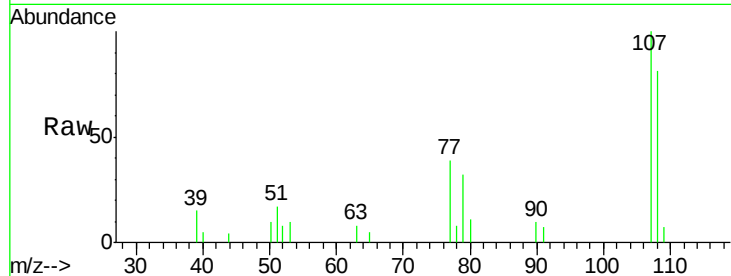
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4-Methylphenol
Concen: 2.24 ng/ul
RT: 8.43 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM001870.D
Acq: 07 Jul 2015 19:08

Instrument :
BNA_M
ClientSampleId :
G93J3DL

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	10230		
107	124.2	89.9	134.9	

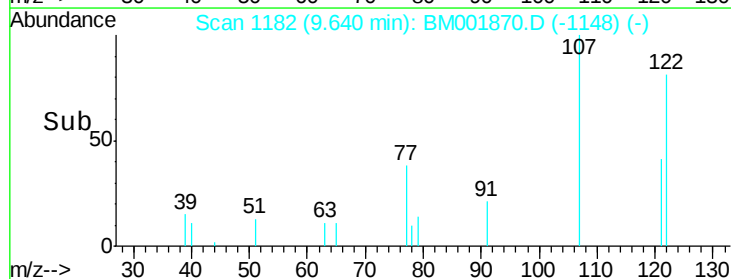
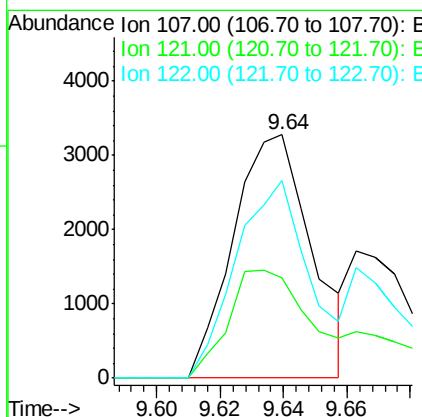
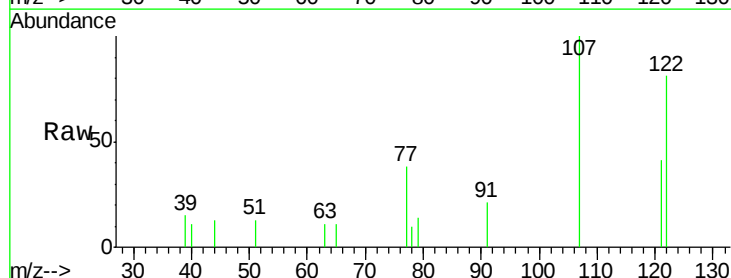
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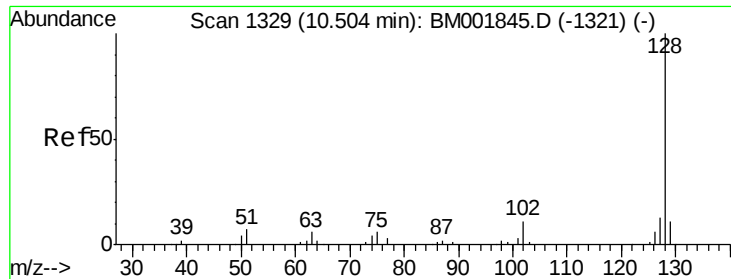
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#24
2,4-Dimethylphenol
Concen: 1.02 ng/ul
RT: 9.64 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BM001870.D
Acq: 07 Jul 2015 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	5627		
121	41.4	37.4	56.2	
122	81.2	59.2	88.8	





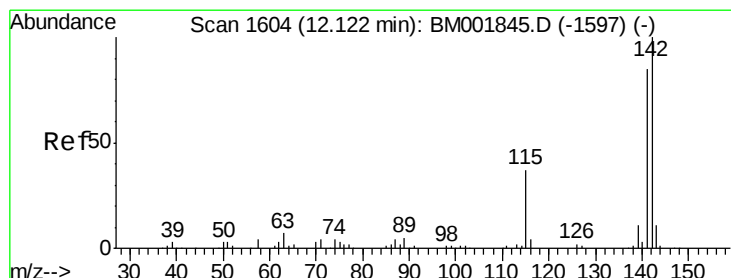
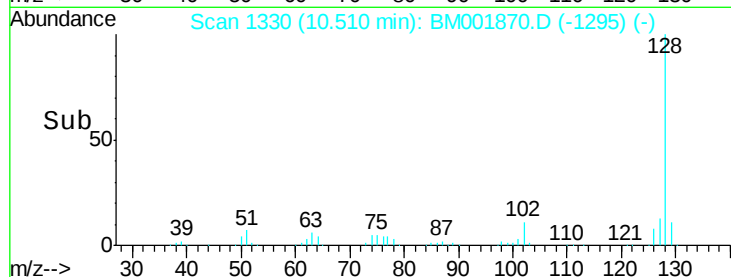
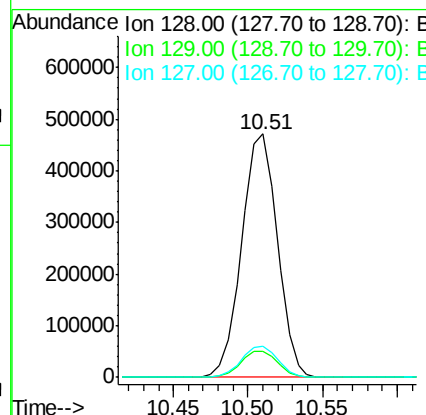
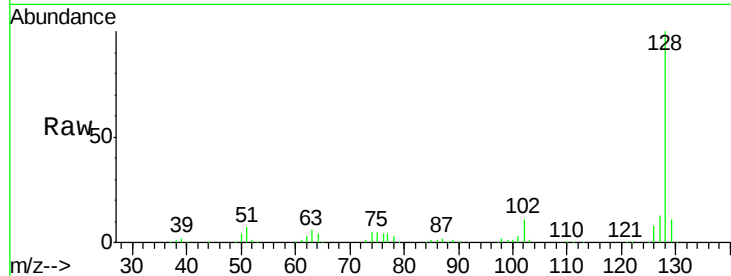
#28
Naphthalene
Concen: 54.09 ng/ul
RT: 10.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BM001870.D
Acq: 07 Jul 2015 19:08

Instrument :
BNA_M
ClientSampleId :
G93J3DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	784259		
129	10.8	8.7	13.1	
127	12.9	10.0	15.0	

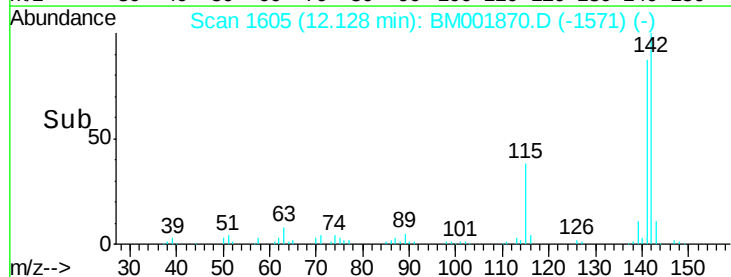
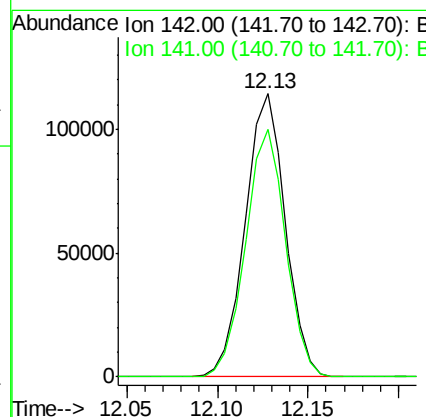
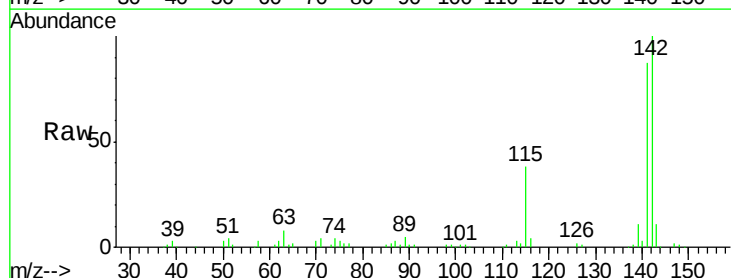
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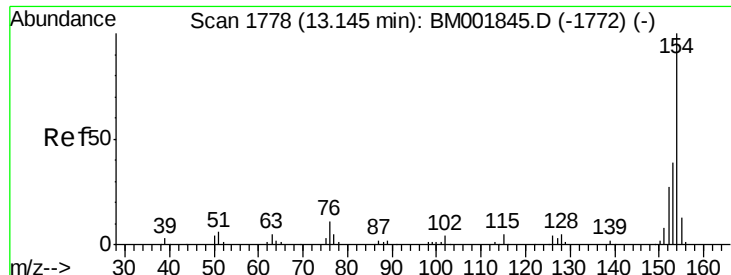
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#34
2-Methylnaphthalene
Concen: 16.77 ng/ul
RT: 12.13 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BM001870.D
Acq: 07 Jul 2015 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	175876		
141	87.5	71.6	107.4	





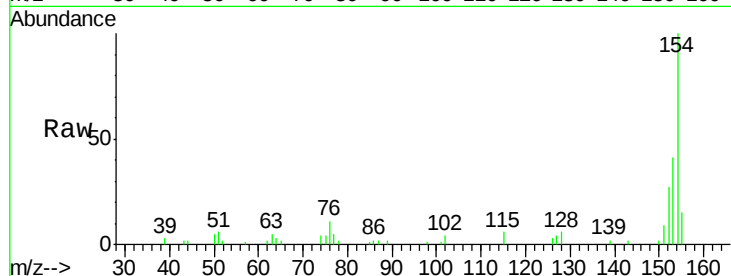
#40
 1,1'-Biphenyl
 Concen: 2.68 ng/ul
 RT: 13.15 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BM001870.D
 Acq: 07 Jul 2015 19:08

Instrument :
 BNA_M
 ClientSampleId :
 G93J3DL

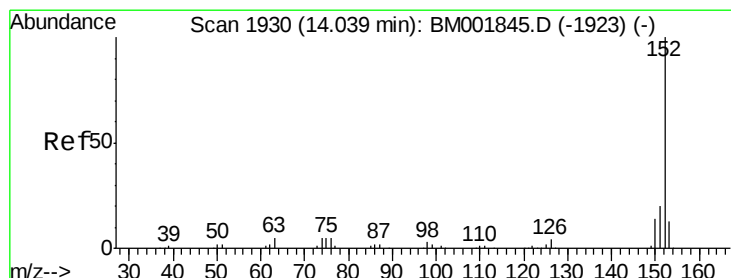
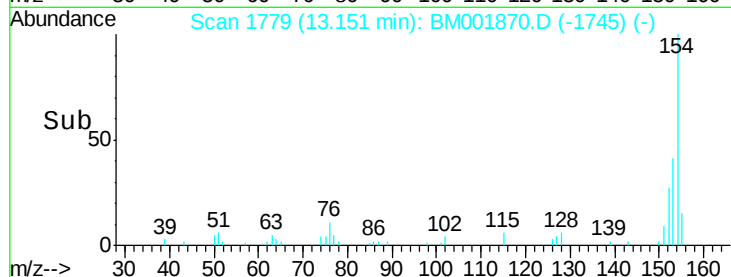
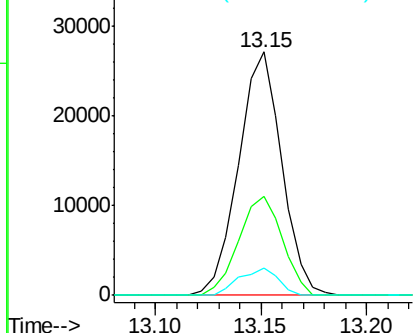
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.5	48.7
76	11.0	9.0	13.6

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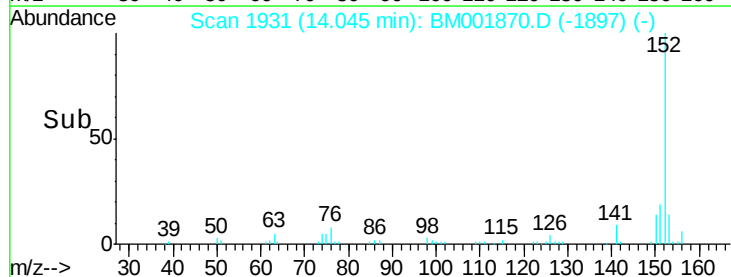
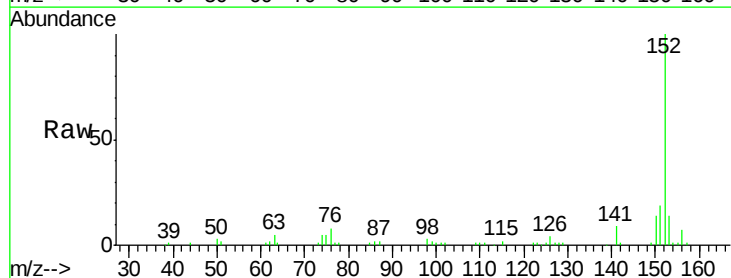
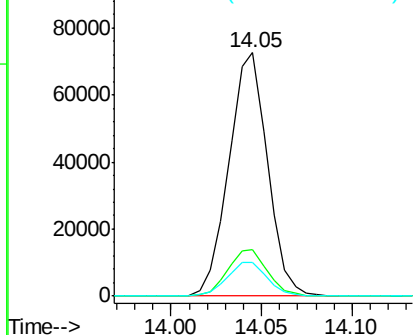
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 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

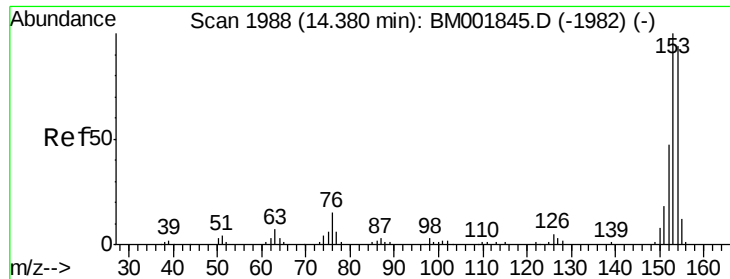


#47
 Acenaphthylene
 Concen: 6.18 ng/ul
 RT: 14.05 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: BM001870.D
 Acq: 07 Jul 2015 19:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	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: 1.44 ng/ul

RT: 14.39 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BM001870.D

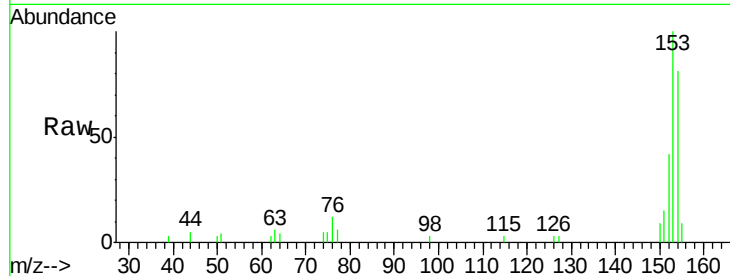
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Instrument :

BNA_M

ClientSampleId :

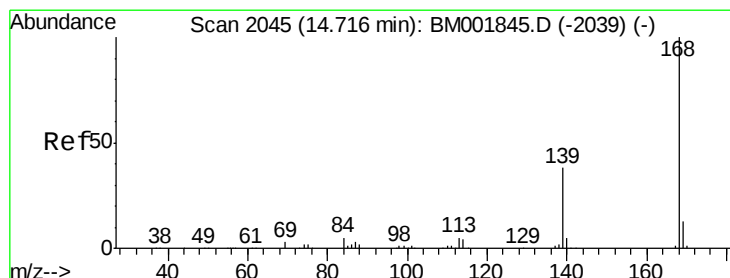
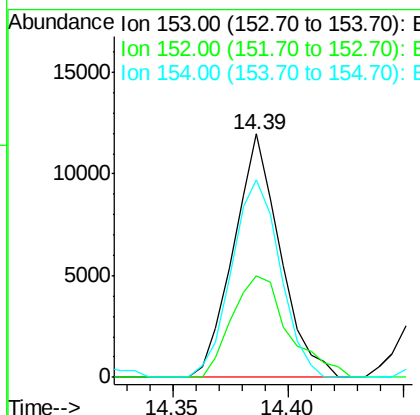
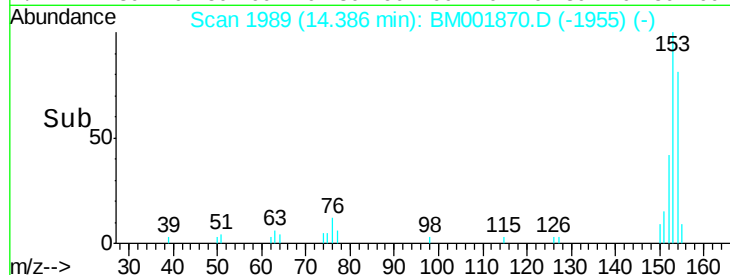
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Tgt Ion:	153	Resp:	16834
Ion Ratio	Lower	Upper	
153	100		
152	41.6	36.6	55.0
154	81.0	72.6	108.8

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#53

Dibenzofuran

Concen: 3.81 ng/ul

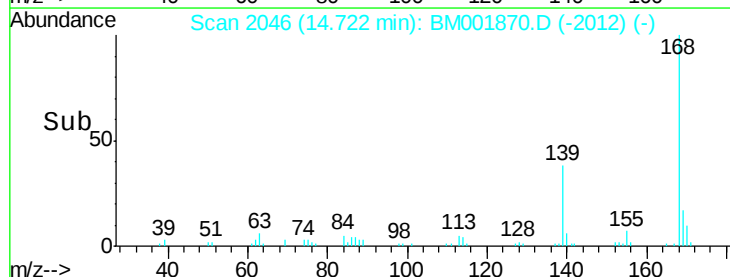
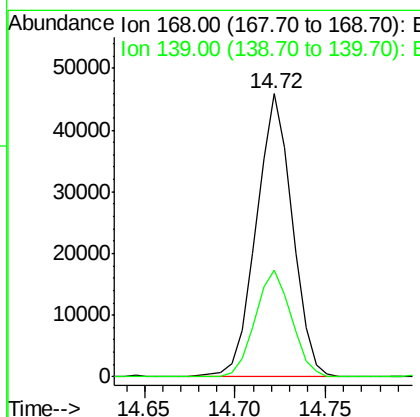
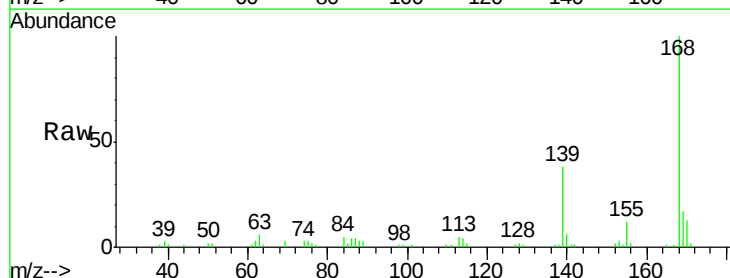
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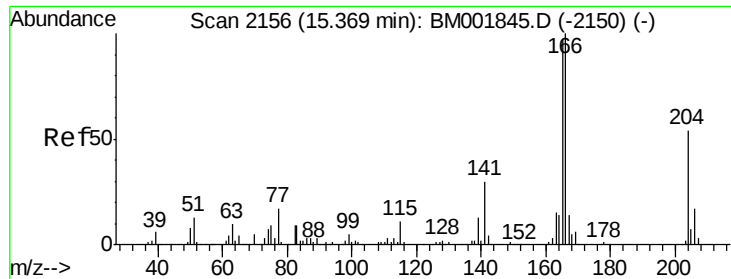
Delta R.T. 0.00 min

Lab File: BM001870.D

Acq: 07 Jul 2015 19:08

Tgt Ion:	168	Resp:	63568
Ion Ratio	Lower	Upper	
168	100		
139	37.8	30.1	45.1





#58

Fluorene

Concen: 5.56 ng/ul

RT: 15.37 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BM001870.D

Acq: 07 Jul 2015 19:08

Instrument :

BNA_M

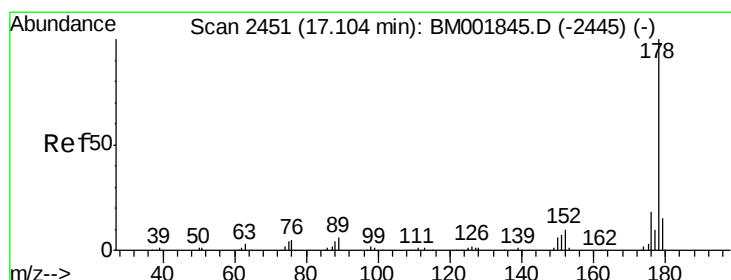
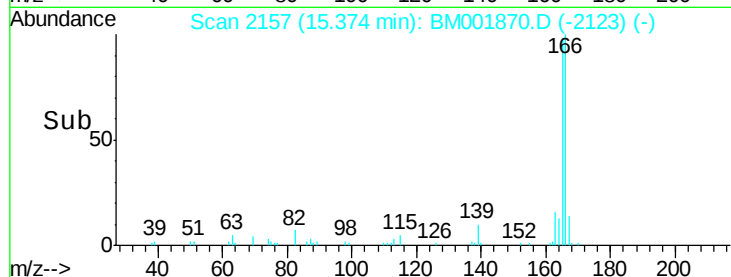
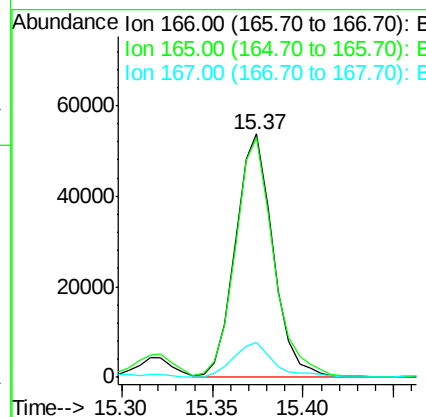
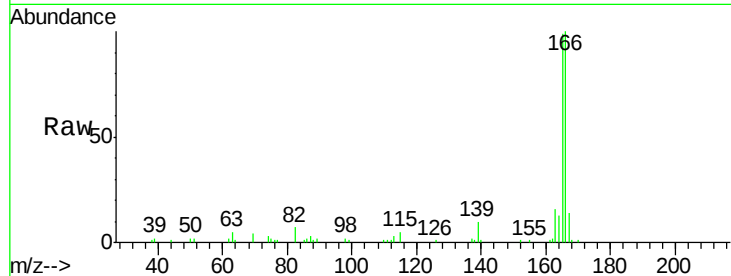
ClientSampleId :

G93J3DL

Tgt Ion:	166	Resp:	77264
Ion Ratio	Lower	Upper	
166	100		
165	98.6	77.4	116.2
167	14.3	11.3	16.9

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#69

Phenanthrene

Concen: 21.55 ng/ul

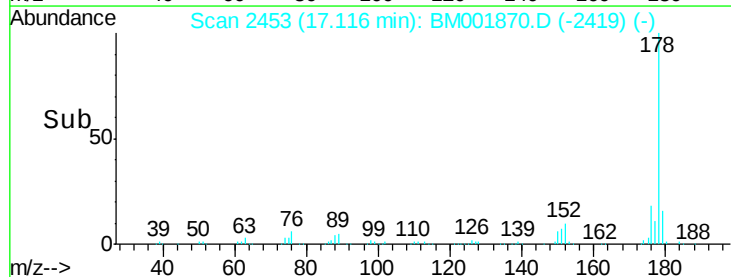
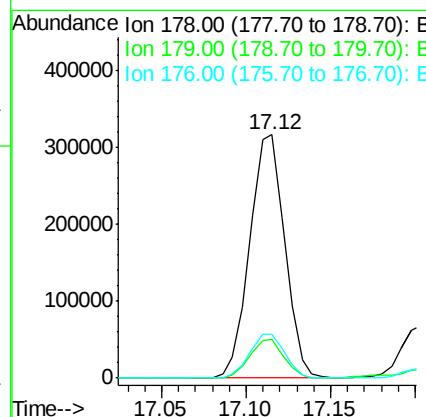
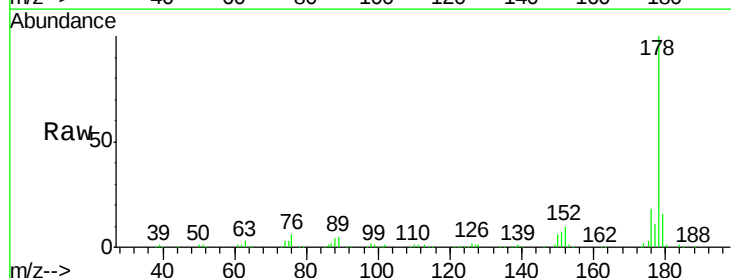
RT: 17.12 min Scan# 2453

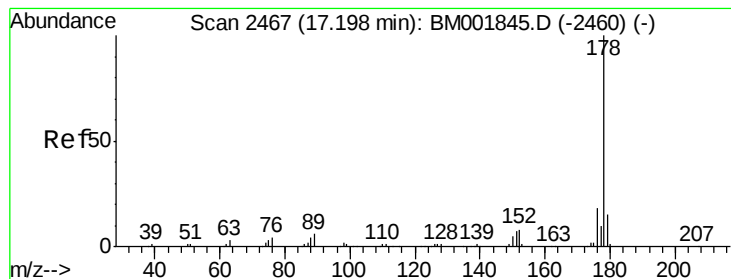
Delta R.T. 0.00 min

Lab File: BM001870.D

Acq: 07 Jul 2015 19:08

Tgt Ion:	178	Resp:	457633
Ion Ratio	Lower	Upper	
178	100		
179	15.8	11.9	17.9
176	18.0	15.2	22.8





#71

Anthracene

Concen: 4.41 ng/ul

RT: 17.20 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BM001870.D

Acq: 07 Jul 2015 19:08

Instrument :

BNA_M

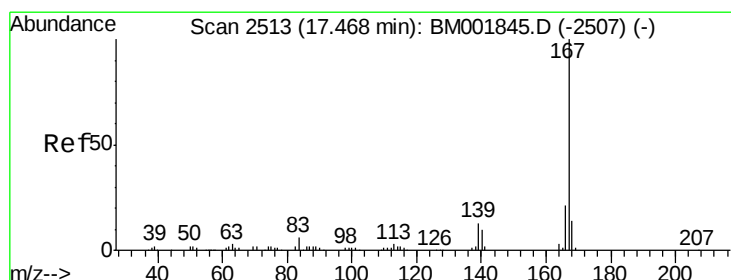
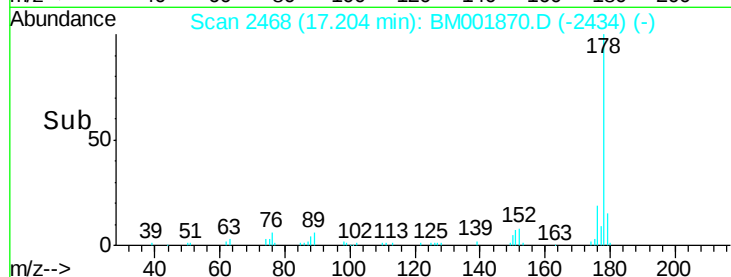
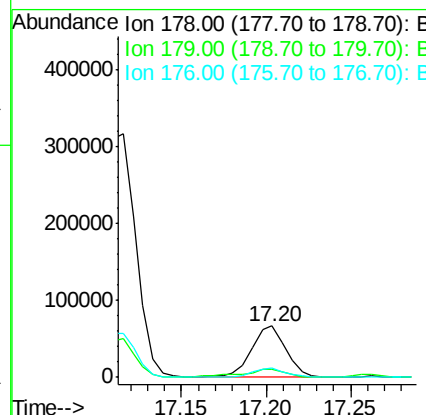
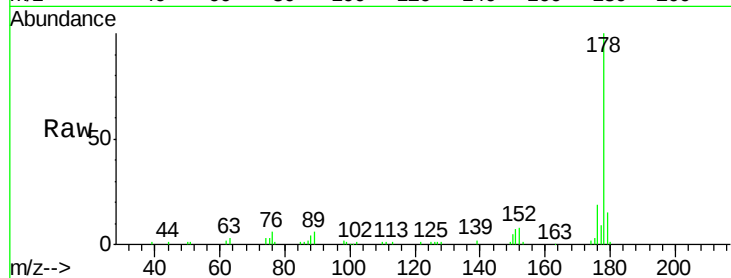
ClientSampleId :

G93J3DL

Tgt Ion:	178	Resp:	96203
Ion Ratio	Lower	Upper	
178	100		
179	15.1	11.8	17.8
176	18.6	14.4	21.6

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#74

Carbazole

Concen: 1.41 ng/ul

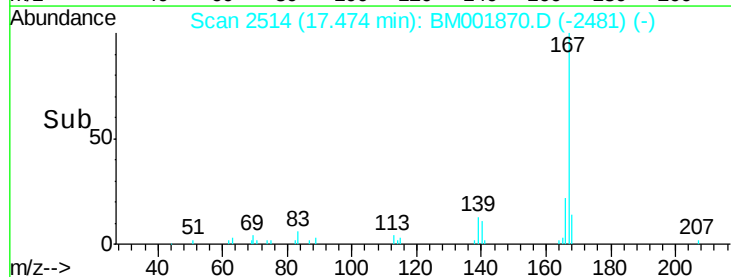
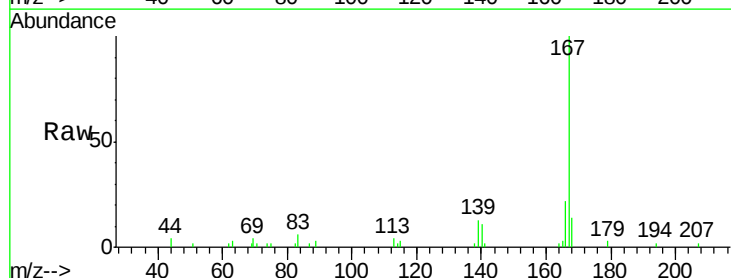
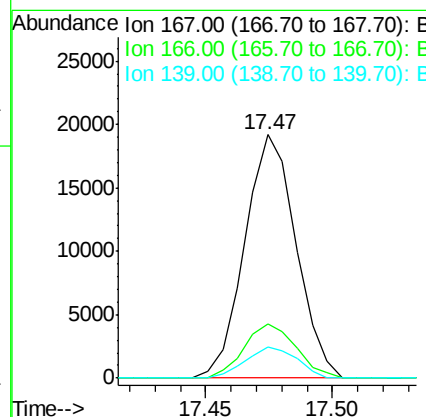
RT: 17.47 min Scan# 2514

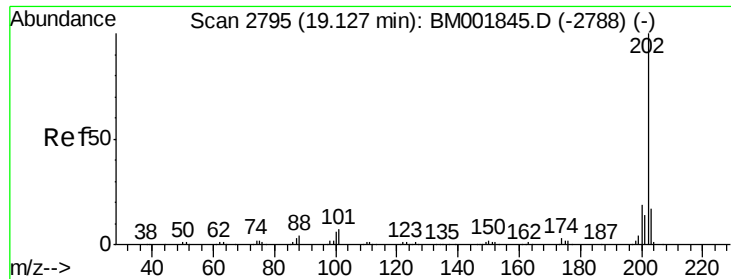
Delta R.T. -0.01 min

Lab File: BM001870.D

Acq: 07 Jul 2015 19:08

Tgt Ion:	167	Resp:	26916
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.4	26.2
139	12.7	10.1	15.1





#76

Fluoranthene

Concen: 10.28 ng/ul

RT: 19.13 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM001870.D

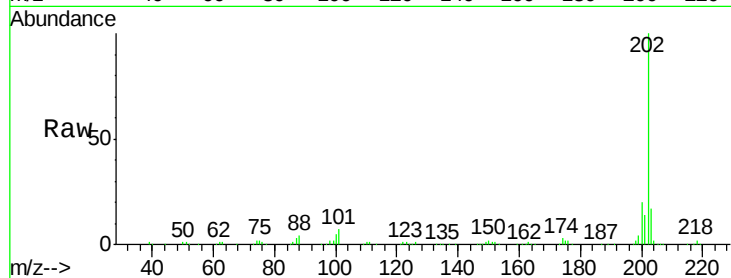
Acq: 07 Jul 2015 19:08

Instrument :

BNA_M

ClientSampleId :

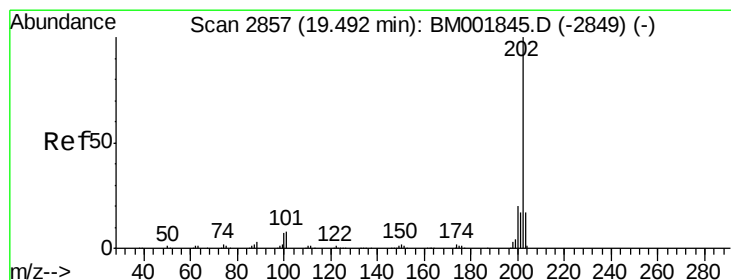
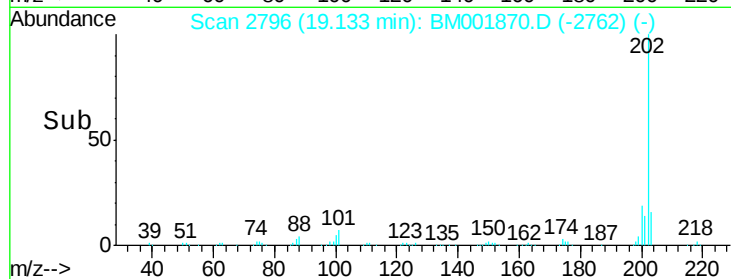
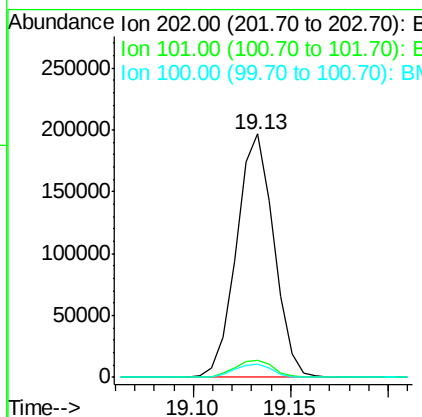
G93J3DL



Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.0	6.1	9.1
100	5.2	4.8	7.2

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#79

Pyrene

Concen: 12.59 ng/ul

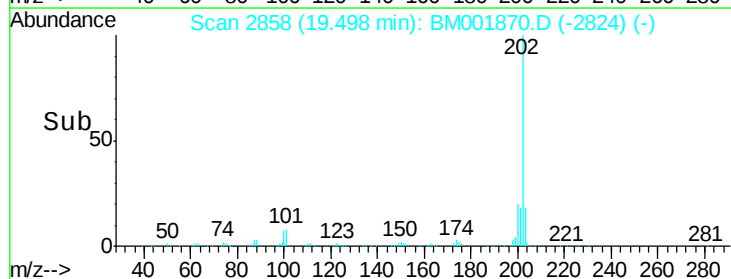
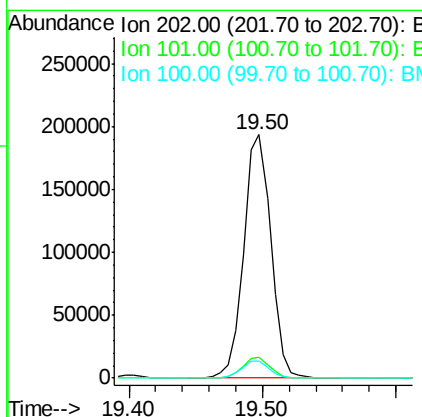
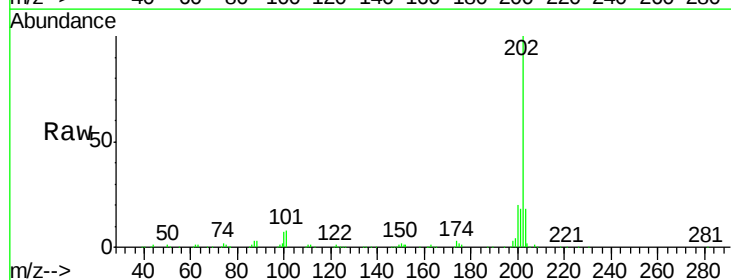
RT: 19.50 min Scan# 2858

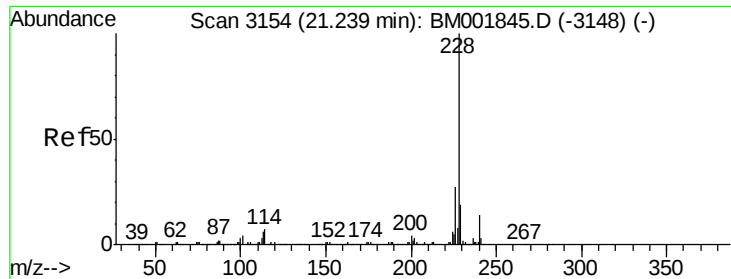
Delta R.T. 0.00 min

Lab File: BM001870.D

Acq: 07 Jul 2015 19:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.4	6.9	10.3
100	7.2	6.2	9.2





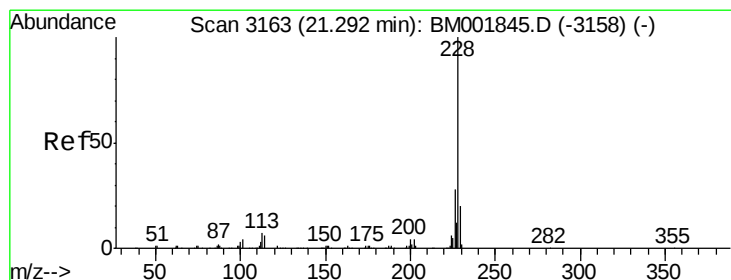
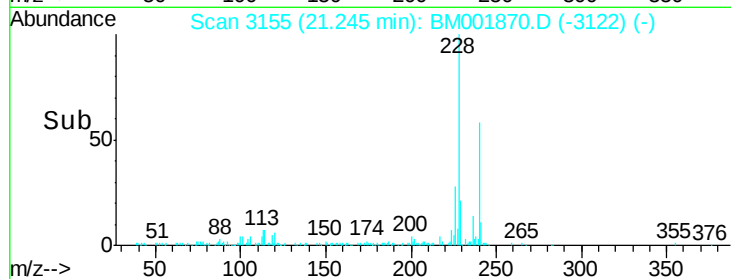
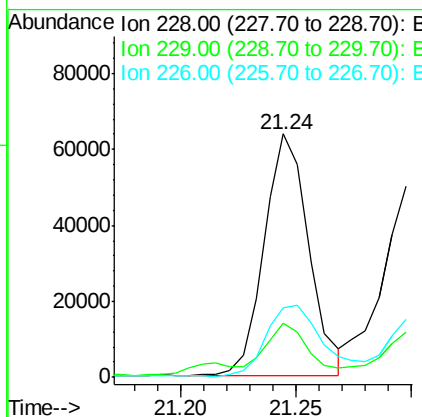
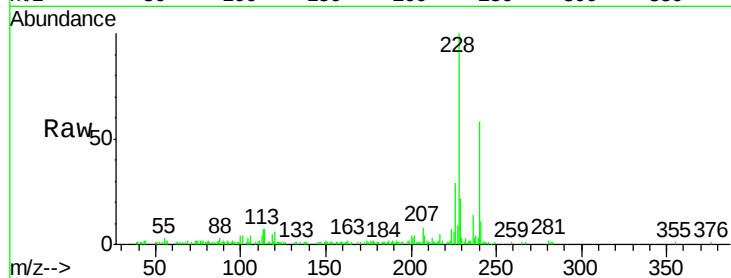
#82
Benzo(a)anthracene
Concen: 3.75 ng/ul
RT: 21.24 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BM001870.D
Acq: 07 Jul 2015 19:08

Instrument :
BNA_M
ClientSampleId :
G93J3DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.4	23.0
226	28.8	20.6	30.8

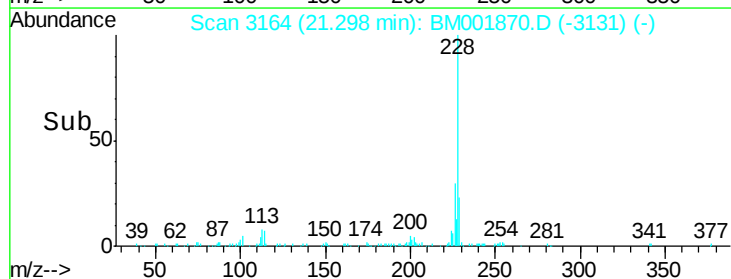
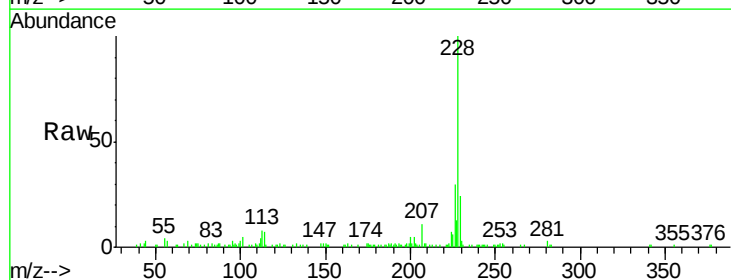
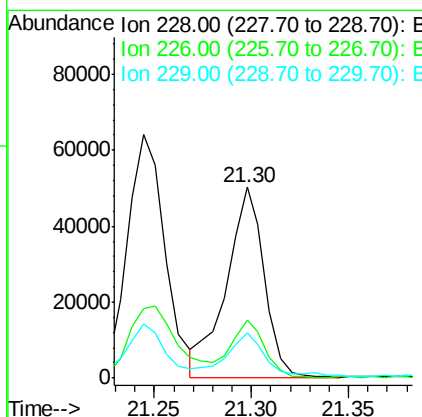
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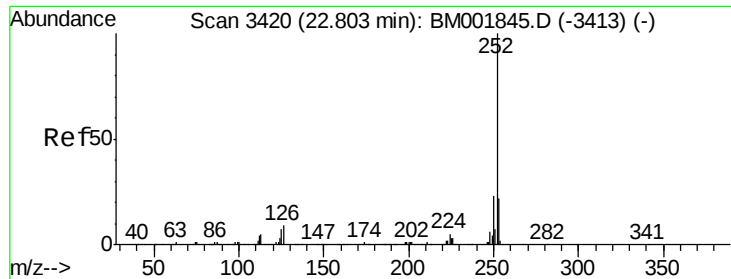
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7/8/2015 4:25:24 PM



#84
Chrysene
Concen: 3.26 ng/ul m
RT: 21.30 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BM001870.D
Acq: 07 Jul 2015 19:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.0	34.4
229	23.9	15.4	23.2#





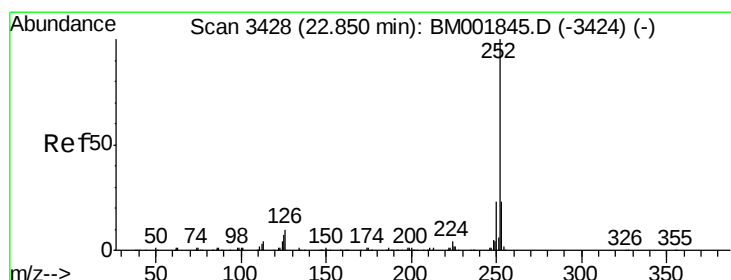
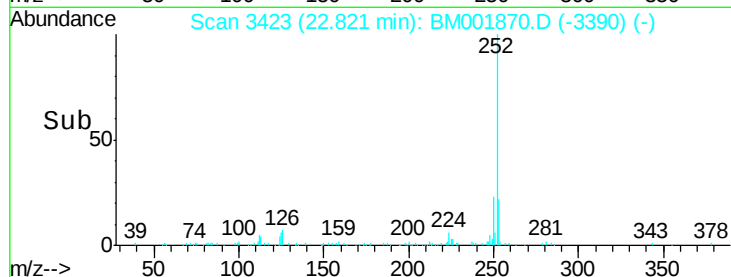
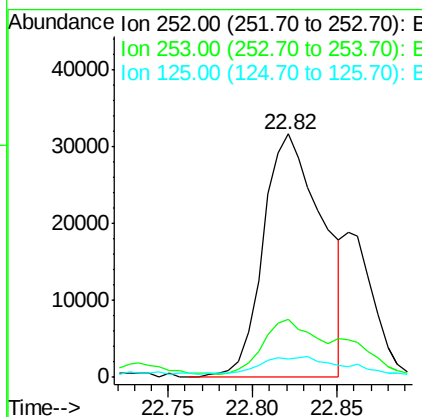
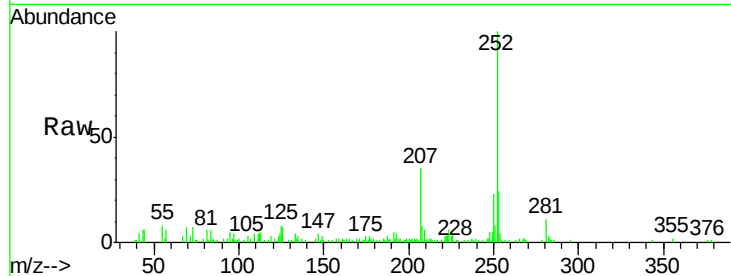
#87
Benzo(b)fluoranthene
Concen: 3.66 ng/ul
RT: 22.82 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BM001870.D
Acq: 07 Jul 2015 19:08

Instrument :
BNA_M
ClientSampleId :
G93J3DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	7.8	5.3	7.9

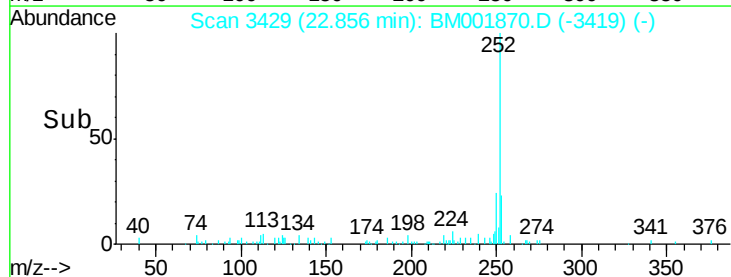
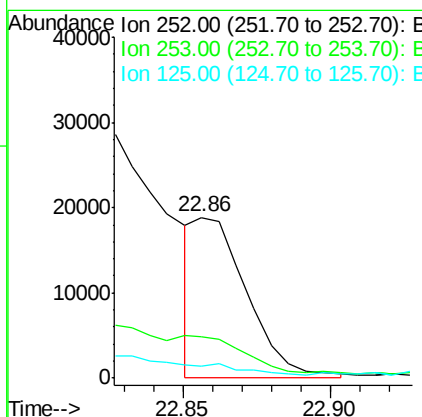
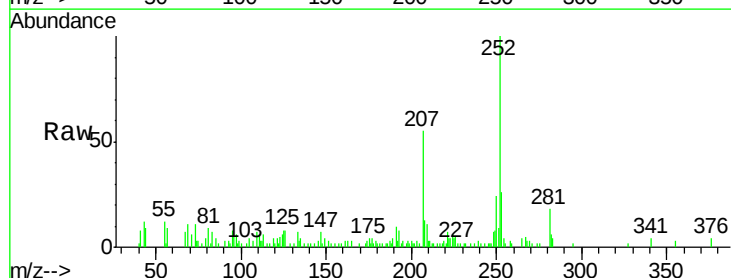
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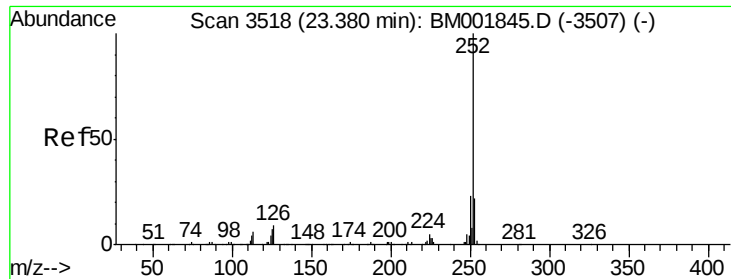
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#88
Benzo(k)fluoranthene
Concen: 1.14 ng/ul m
RT: 22.86 min Scan# 3429
Delta R.T. -0.01 min
Lab File: BM001870.D
Acq: 07 Jul 2015 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.1	25.7
125	7.7	5.3	7.9





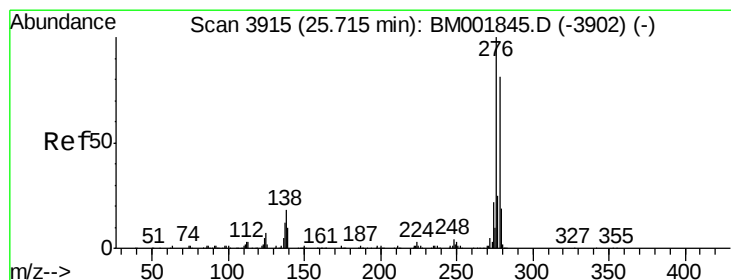
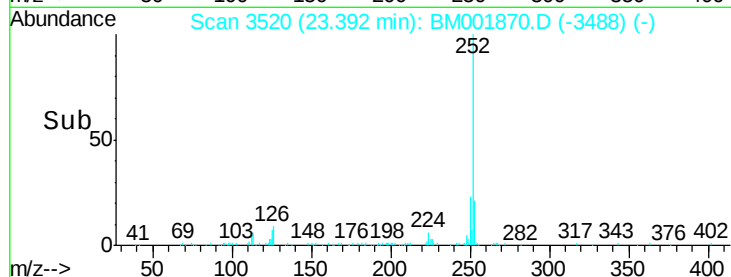
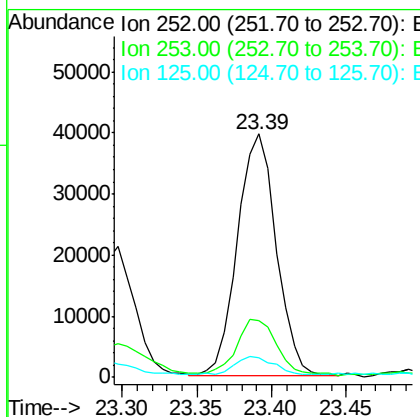
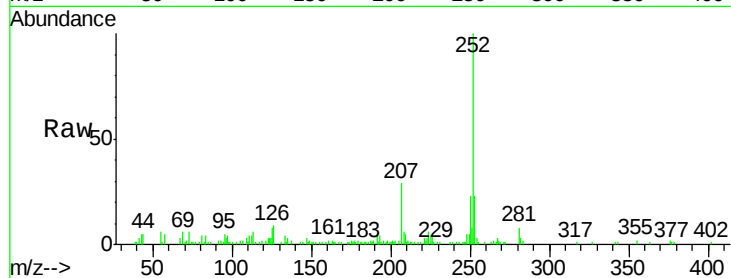
#90
Benzo(a)pyrene
Concen: 3.46 ng/ul
RT: 23.39 min Scan# 3520
Delta R.T. -0.01 min
Lab File: BM001870.D
Acq: 07 Jul 2015 19:08

Instrument :
BNA_M
ClientSampleId :
G93J3DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	17.4	26.0
125	8.2	6.0	9.0

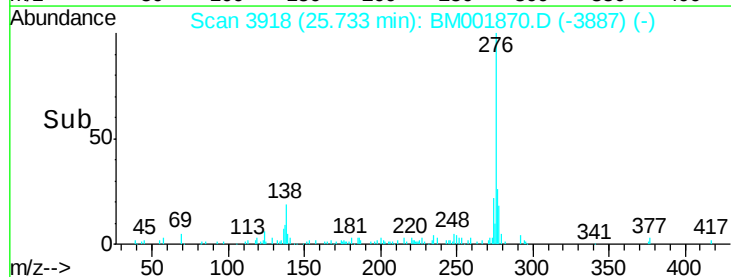
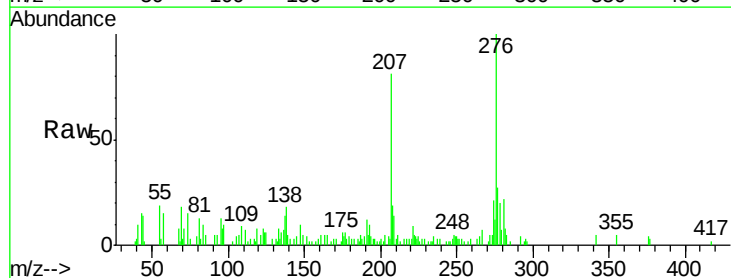
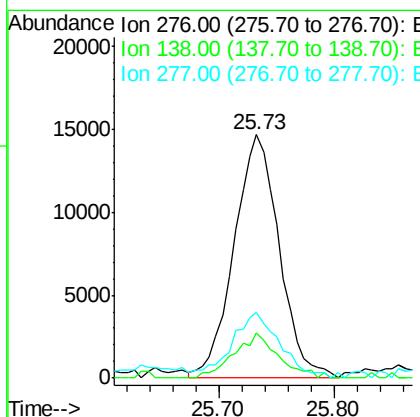
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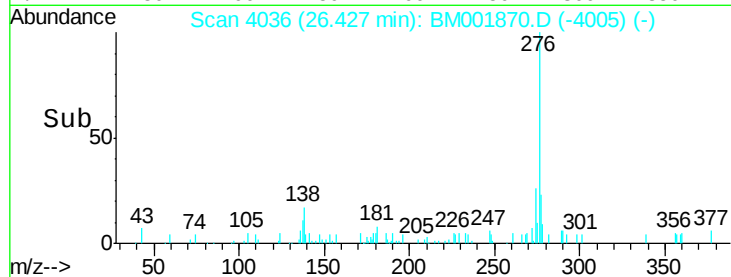
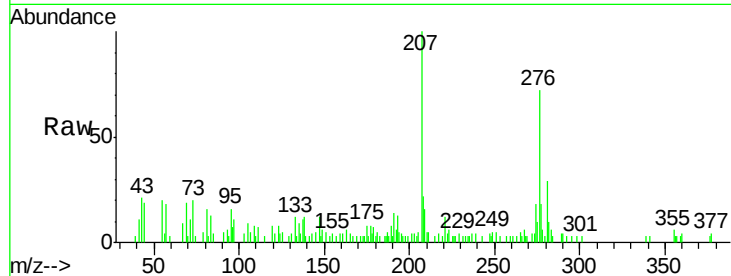
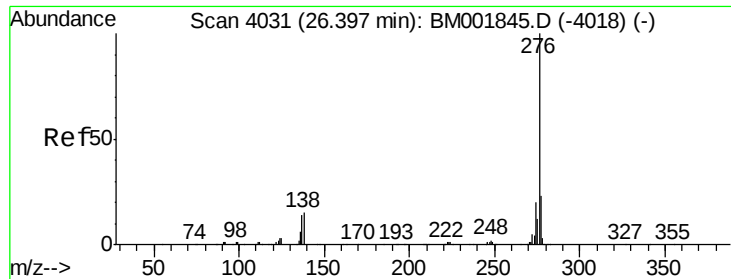
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.64 ng/ul
RT: 25.73 min Scan# 3918
Delta R.T. -0.02 min
Lab File: BM001870.D
Acq: 07 Jul 2015 19:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.4	14.7	22.1
277	27.2	19.7	29.5





#93

Benzo(g,h,i)perylene

Concen: 1.24 ng/ul

RT: 26.43 min Scan# 4036

Delta R.T. -0.02 min

Lab File: BM001870.D

Acq: 07 Jul 2015 19:08

Instrument :

BNA_M

ClientSampleId :

G93J3DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.6	19.0
277	25.2	18.7	28.1

Manual Integrations
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