

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
 Data File : BM001962.D
 Acq On : 17 Jul 2015 00:45
 Operator : TP/UM
 Sample : G2998-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01H0

Manual Integrations
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Quant Time: Jul 17 03:15:02 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 17 01:40:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	87537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	373775	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	232051	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	525650	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	520568	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	406897	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3837	2.14	ng/uL	0.00
5) Phenol-d5	6.82	99	94948	13.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	53965	13.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	76518	13.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	79987	13.63	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	38048	13.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	42795	13.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	85327	13.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	61428	9.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	251960	13.46	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	304279	13.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	37165	11.73	ng/ul	0.00
57) Fluorene-d10	15.30	176	215789	13.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	16980	4.99	ng/ul	0.00
70) Anthracene-d10	17.16	188	317118	12.85	ng/ul	0.00
78) Pyrene-d10	19.46	212	335207	14.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	218645	10.63	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	6.80	77	5419	1.57 ng/ul#	81
6) Phenol	6.85	94	15426	2.09 ng/ul	92
14) Acetophenone	8.47	105	83091	8.96 ng/ul	99
34) 2-Methylnaphthalene	12.11	142	16522	1.18 ng/ul	96
44) Dimethylphthalate	13.77	163	134028	7.04 ng/ul	99
49) Acenaphthene	14.37	153	23453	1.52 ng/ul	98
58) Fluorene	15.36	166	19941	1.07 ng/ul	99
69) Phenanthrene	17.10	178	326995	11.48 ng/ul	100
71) Anthracene	17.19	178	66759	2.27 ng/ul	98
76) Fluoranthene	19.12	202	516005	15.50 ng/ul	99
79) Pyrene	19.49	202	602869	19.36 ng/ul	99
82) Benzo(a)anthracene	21.23	228	257129	8.30 ng/ul	97
84) Chrysene	21.29	228	269883	9.30 ng/ul	97
87) Benzo(b)fluoranthene	22.80	252	267404	10.72 ng/ul	98
88) Benzo(k)fluoranthene	22.84	252	69905m	2.92 ng/ul	
90) Benzo(a)pyrene	23.37	252	193012	8.24 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.71	276	110716	4.50 ng/ul	97
92) Dibenzo(a,h)anthracene	25.71	278	30520	1.47 ng/ul#	85
93) Benzo(g,h,i)perylene	26.40	276	76134	3.77 ng/ul	99

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

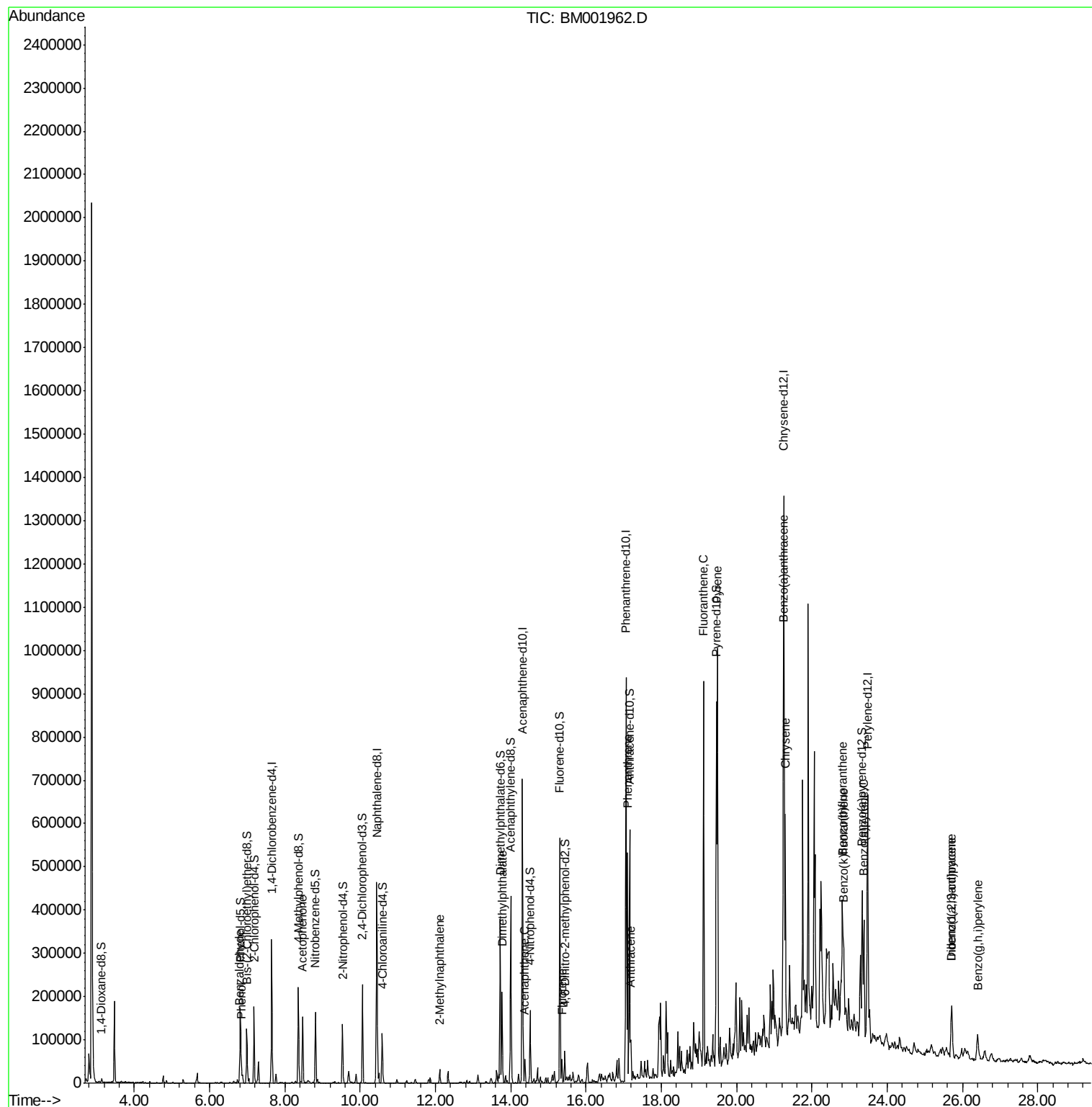
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001962.D
Acq On : 17 Jul 2015 00:45
Operator : TP/UM
Sample : G2998-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

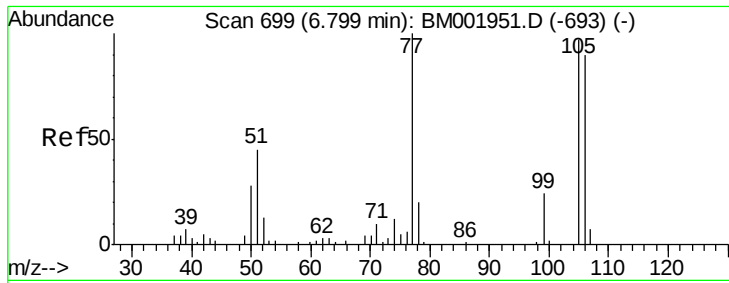
Instrument :
BNA_M
ClientSampleId :
C01H0

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Quant Time: Jul 17 03:15:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 17 01:40:19 2015
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.57 ng/ul

RT: 6.80 min Scan# 699

Delta R.T. -0.00 min

Lab File: BM001962.D

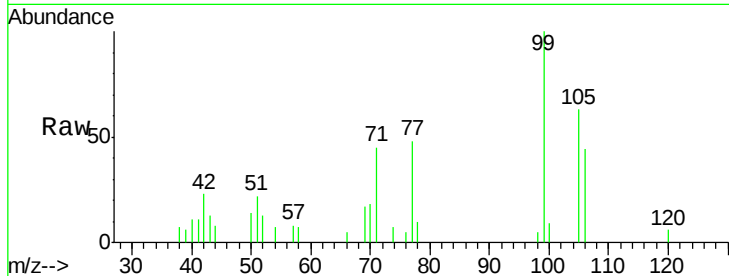
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Instrument :

BNA_M

ClientSampleId :

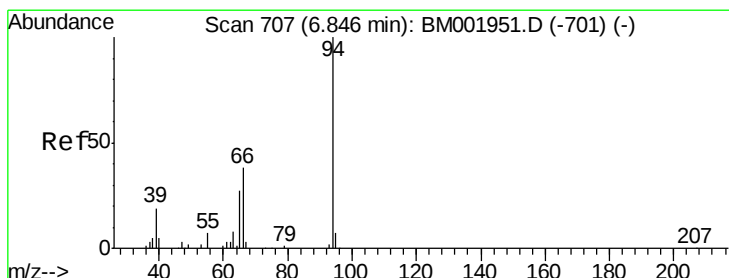
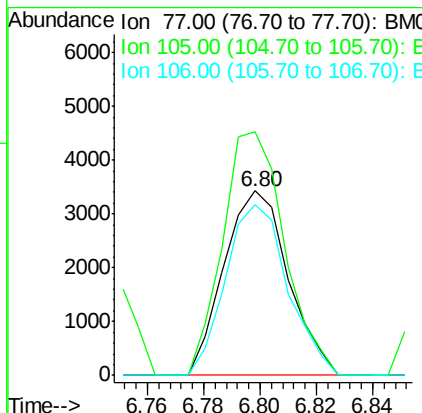
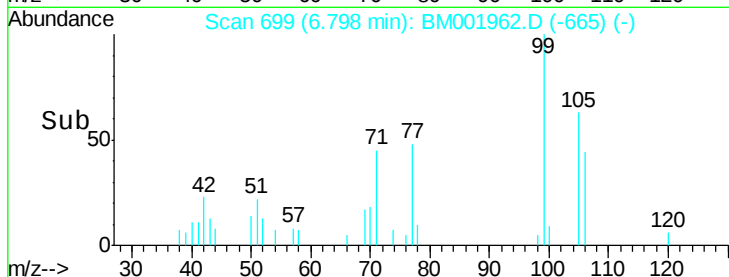
C01H0



Tgt Ion:	77	Resp:	5419
Ion	Ratio	Lower	Upper
77	100		
105	131.9	77.1	115.7#
106	92.2	73.1	109.7

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#6

Phenol

Concen: 2.09 ng/ul

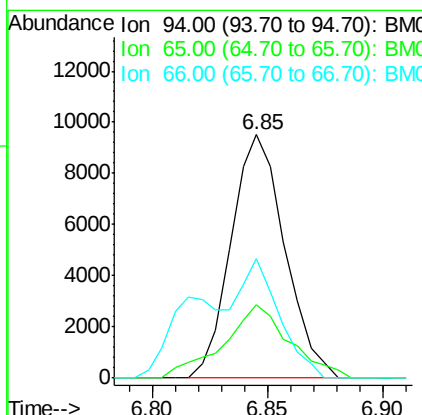
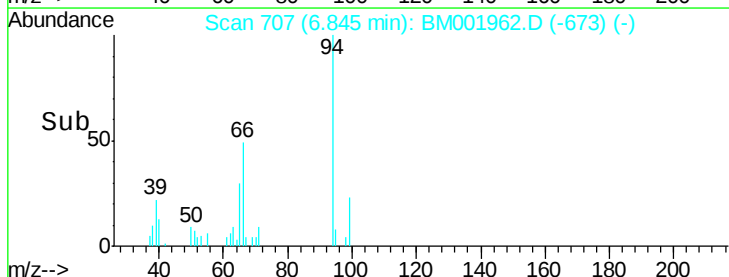
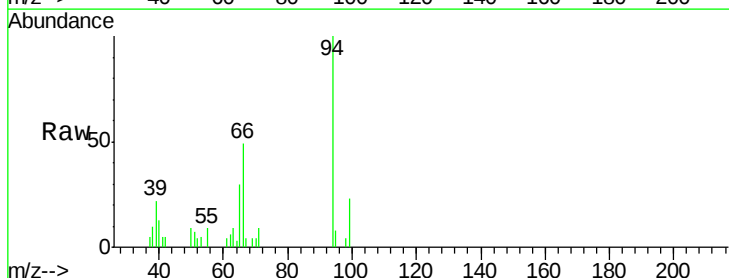
RT: 6.85 min Scan# 707

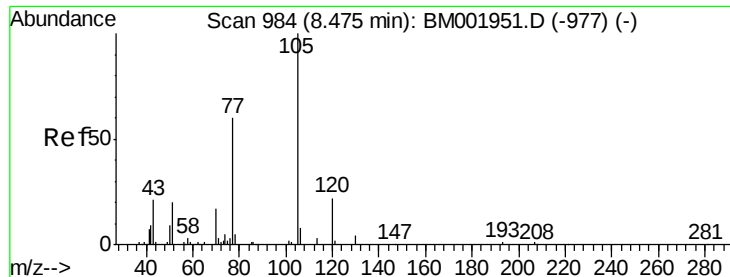
Delta R.T. -0.00 min

Lab File: BM001962.D

Acq: 17 Jul 2015 00:45

Tgt Ion:	94	Resp:	15426
Ion	Ratio	Lower	Upper
94	100		
65	30.2	23.6	35.4
66	49.1	33.0	49.6





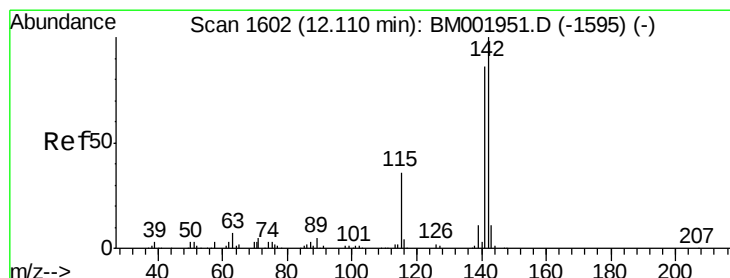
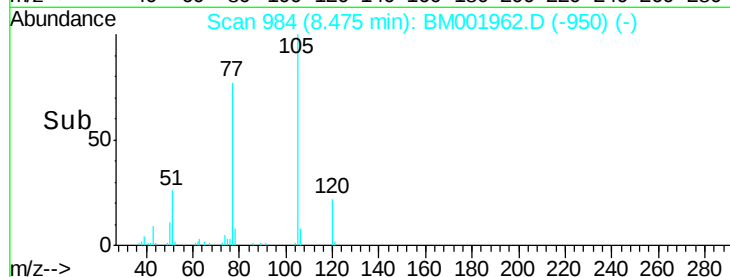
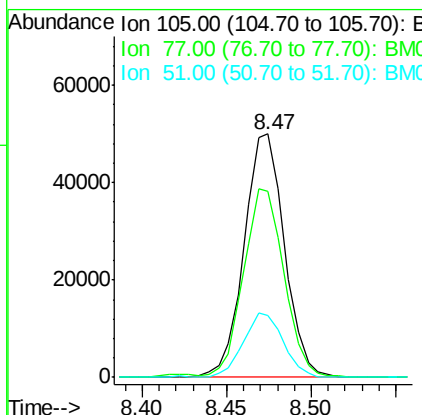
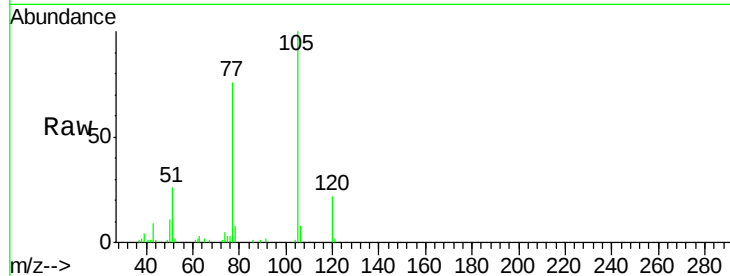
#14
Acetophenone
Concen: 8.96 ng/ul
RT: 8.47 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001962.D
Acq: 17 Jul 2015 00:45

Instrument :
BNA_M
ClientSampleId :
C01H0

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	83091		
77	76.4	61.7	92.5	
51	25.6	20.2	30.4	

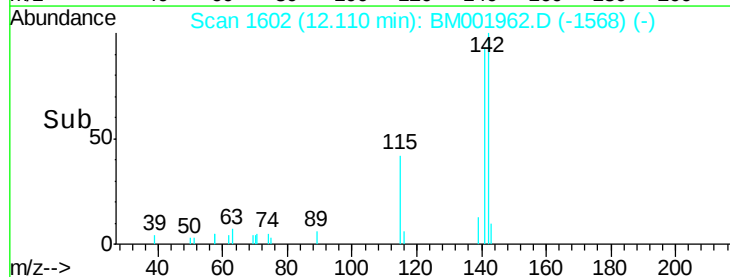
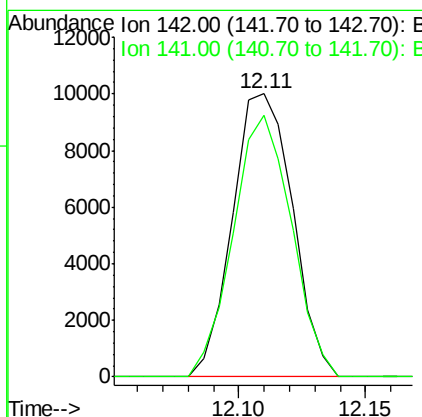
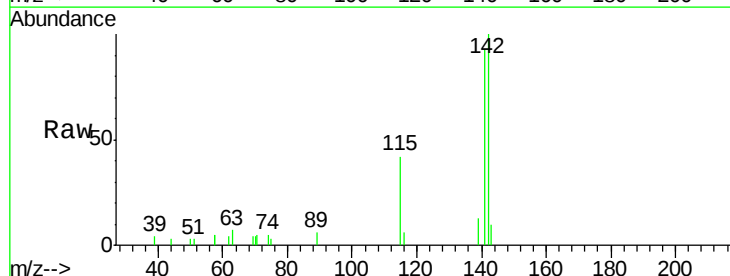
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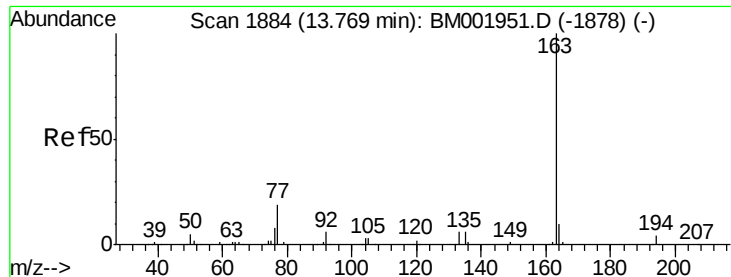
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#34
2-Methylnaphthalene
Concen: 1.18 ng/ul
RT: 12.11 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM001962.D
Acq: 17 Jul 2015 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	16522		
141	92.6	71.3	106.9	





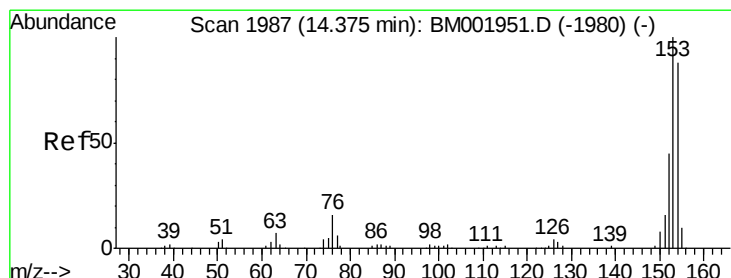
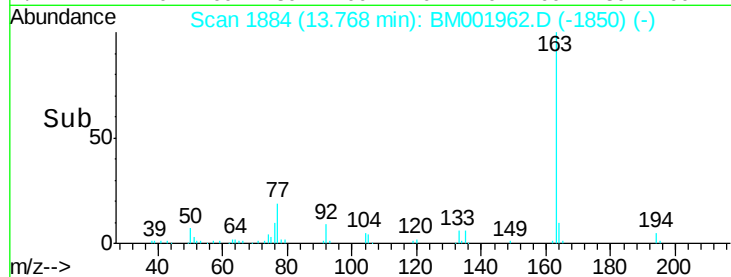
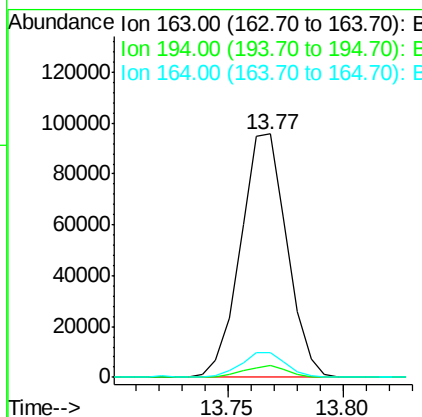
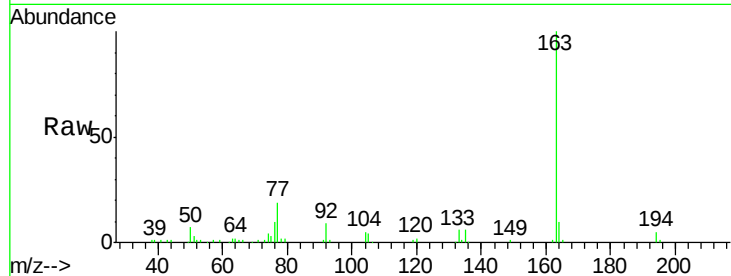
#44
Dimethylphthalate
Concen: 7.04 ng/ul
RT: 13.77 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BM001962.D
Acq: 17 Jul 2015 00:45

Instrument :
BNA_M
ClientSampleId :
C01H0

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	9.9	7.6	11.4

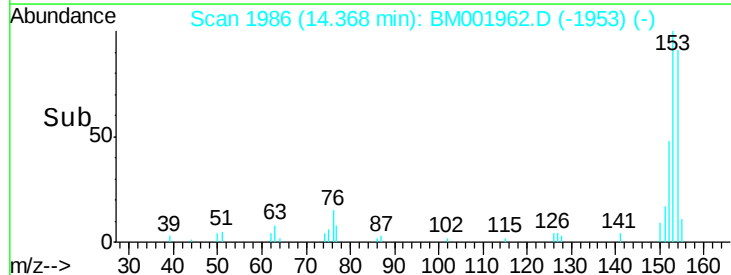
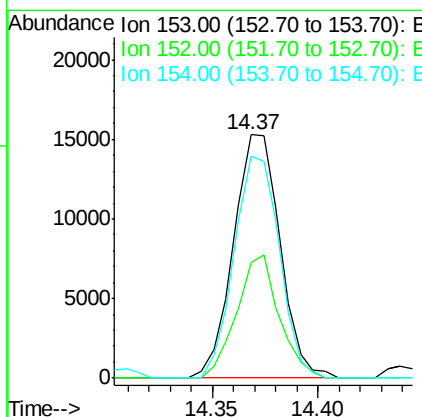
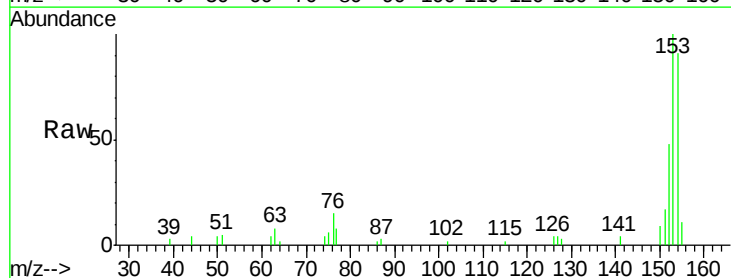
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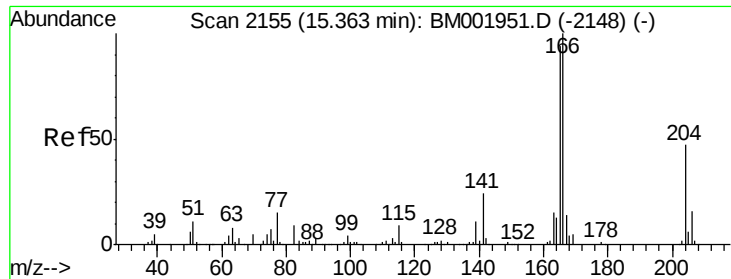
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#49
Acenaphthene
Concen: 1.52 ng/ul
RT: 14.37 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM001962.D
Acq: 17 Jul 2015 00:45

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.6	36.6	55.0
154	91.1	71.1	106.7





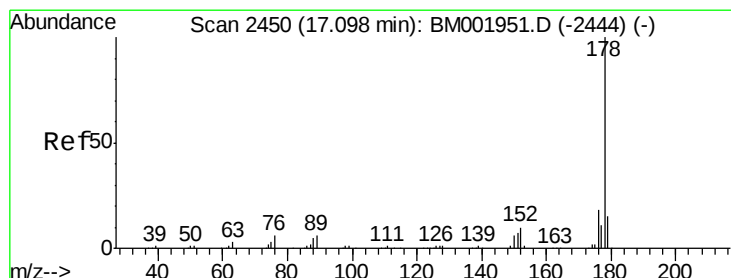
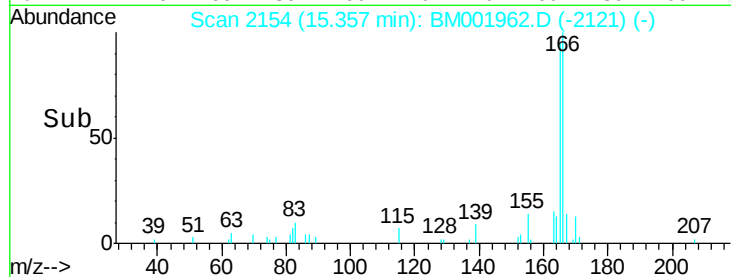
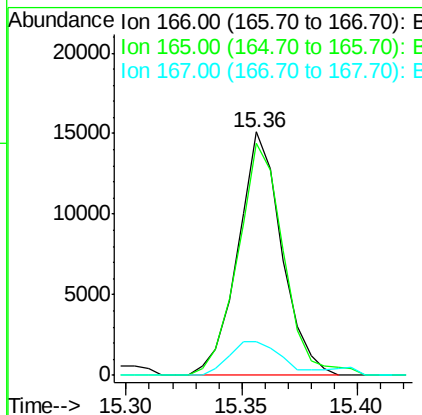
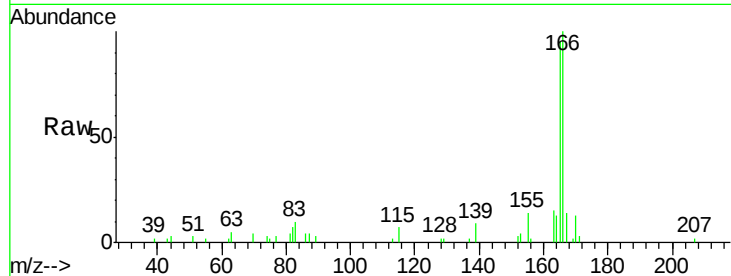
#58
 Fluorene
 Concen: 1.07 ng/ul
 RT: 15.36 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BM001962.D
 Acq: 17 Jul 2015 00:45

Instrument :
 BNA_M
 ClientSampleId :
 C01H0

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	75.8	113.8
167	14.0	10.7	16.1

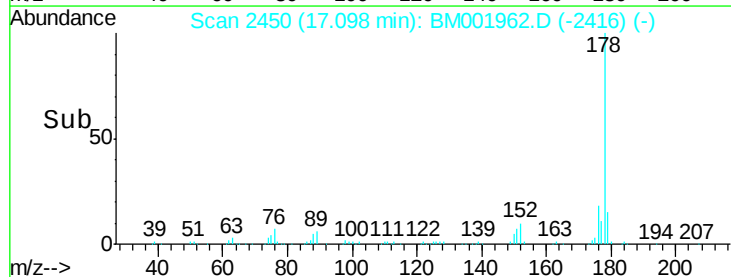
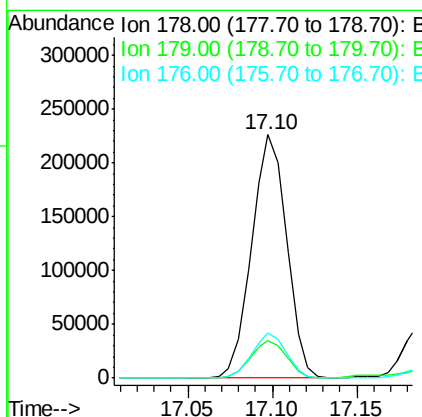
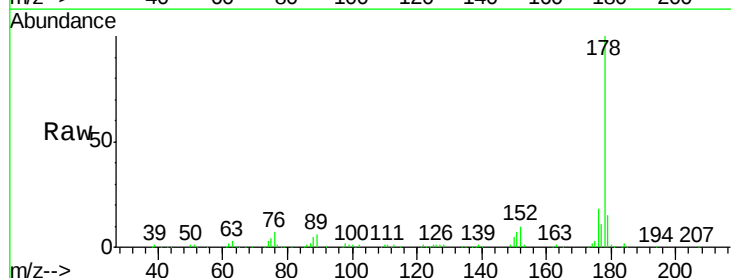
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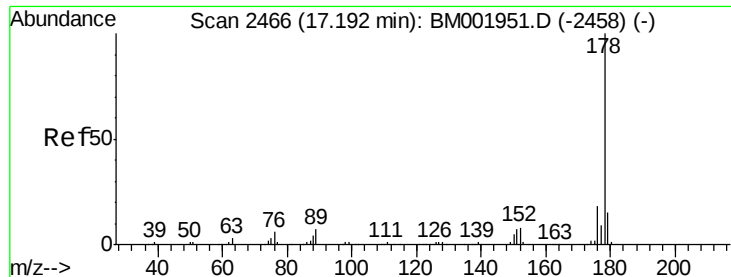
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#69
 Phenanthrene
 Concen: 11.48 ng/ul
 RT: 17.10 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BM001962.D
 Acq: 17 Jul 2015 00:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.4	14.5	21.7





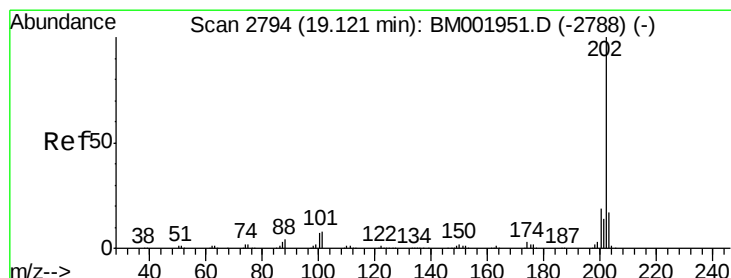
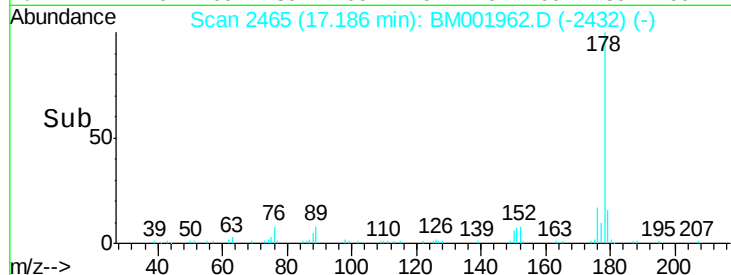
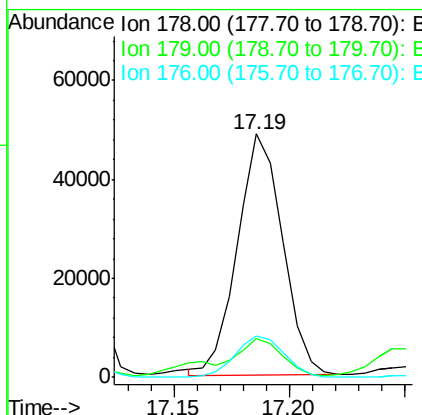
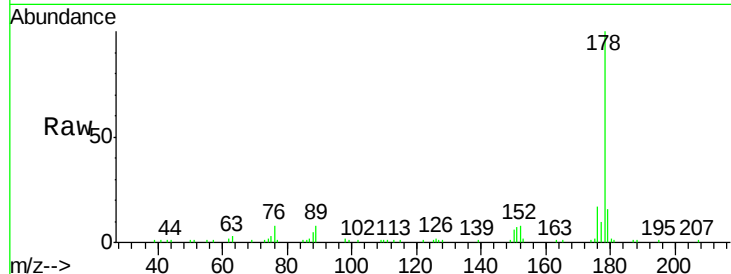
#71
 Anthracene
 Concen: 2.27 ng/ul
 RT: 17.19 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM001962.D
 Acq: 17 Jul 2015 00:45

Instrument :
 BNA_M
 ClientSampleId :
 C01H0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	16.8	14.2	21.4

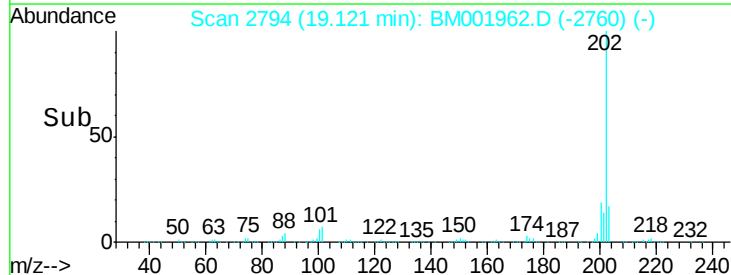
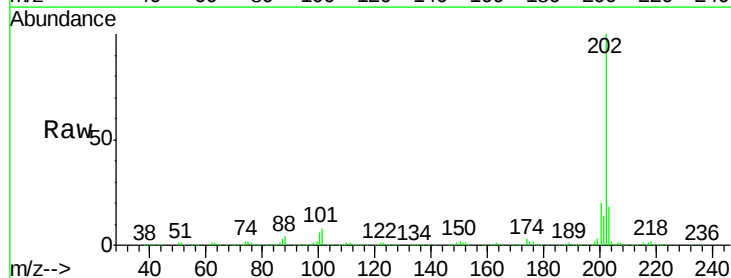
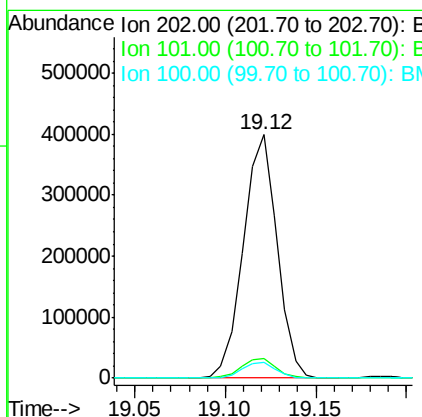
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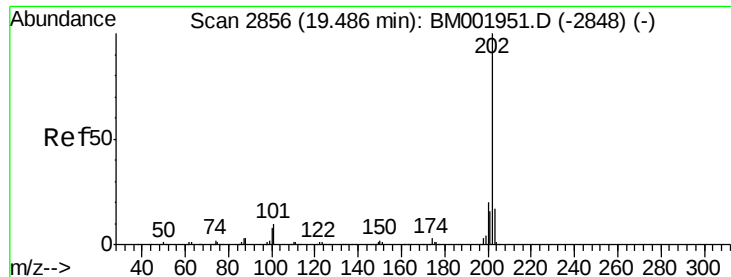
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#76
 Fluoranthene
 Concen: 15.50 ng/ul
 RT: 19.12 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: BM001962.D
 Acq: 17 Jul 2015 00:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.6	9.8
100	6.2	5.2	7.8





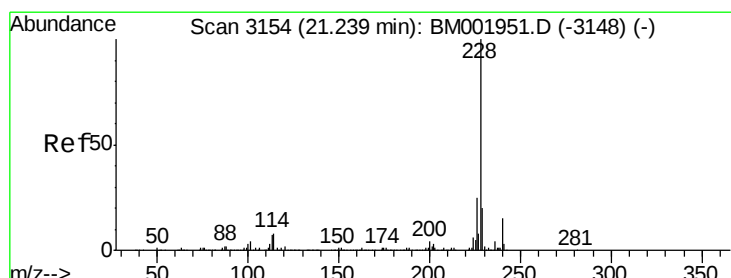
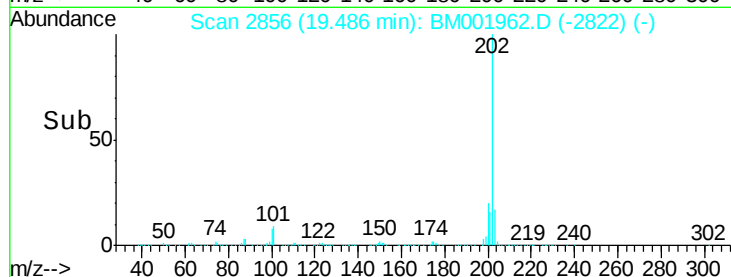
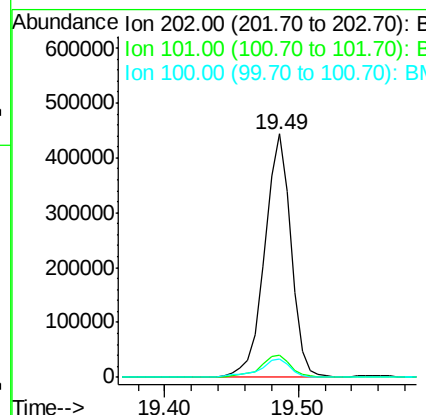
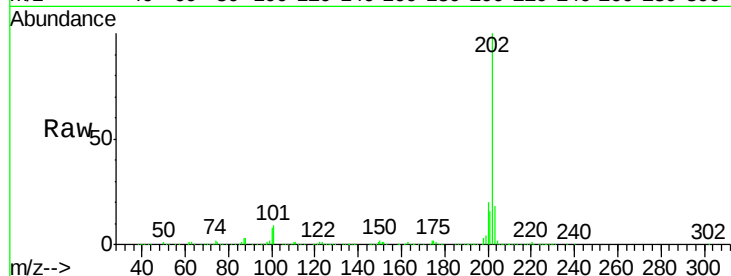
#79
 Pyrene
 Concen: 19.36 ng/ul
 RT: 19.49 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BM001962.D
 Acq: 17 Jul 2015 00:45

Instrument :
 BNA_M
 ClientSampleId :
 C01H0

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	602869		
101	9.3	7.4	11.0	
100	7.7	5.9	8.9	

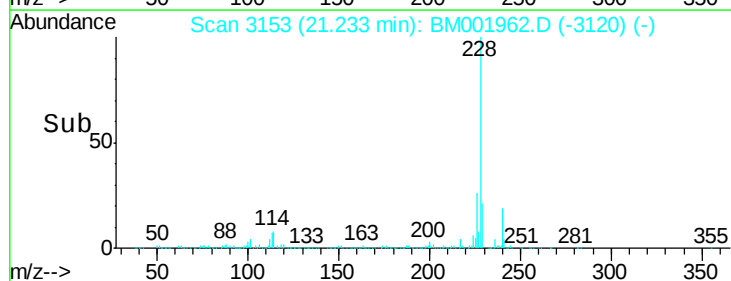
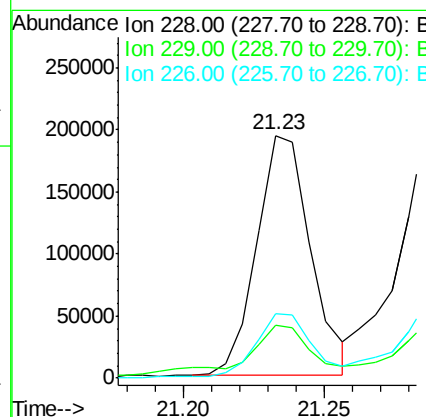
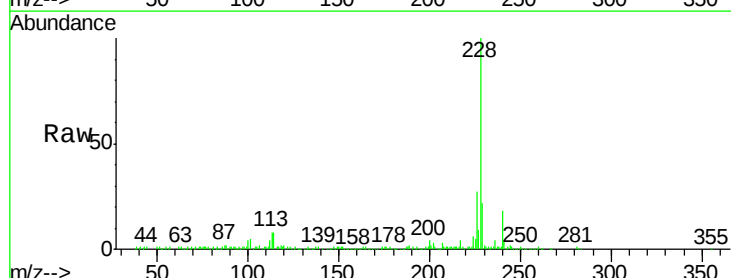
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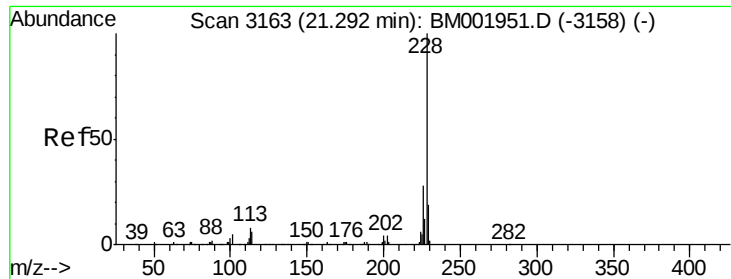
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#82
 Benzo(a)anthracene
 Concen: 8.30 ng/ul
 RT: 21.23 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BM001962.D
 Acq: 17 Jul 2015 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	257129		
229	21.9	15.2	22.8	
226	26.6	20.8	31.2	





#84

Chrysene

Concen: 9.30 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BM001962.D

Acq: 17 Jul 2015 00:45

Instrument :

BNA_M

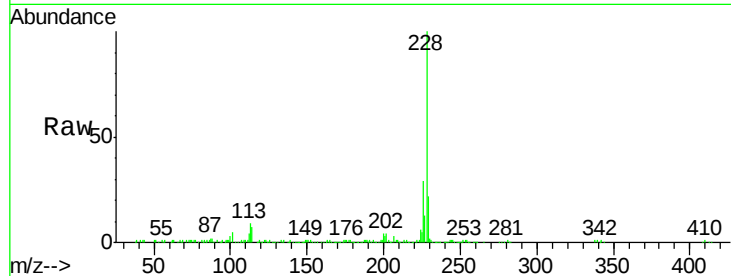
ClientSampleId :

C01H0

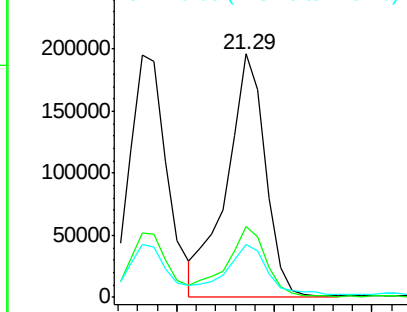
Tgt Ion:	228	Resp:	269883
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.6	33.8
229	21.9	15.4	23.0

Manual Integrations
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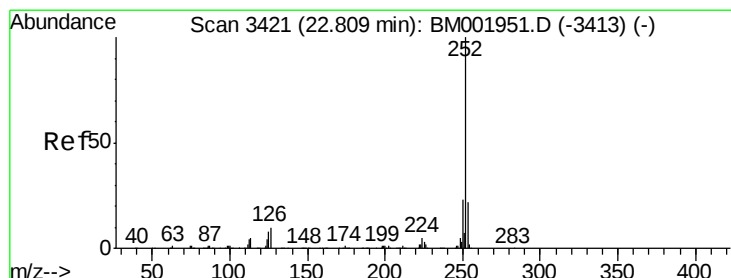
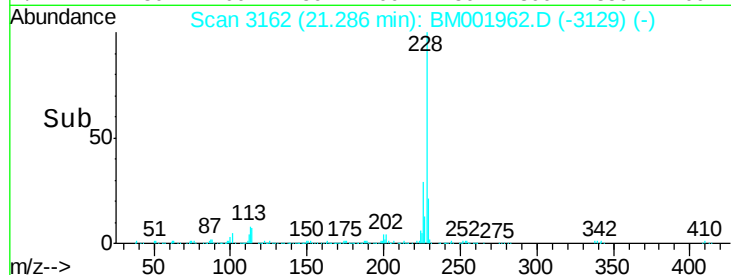
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 10.72 ng/ul

RT: 22.80 min Scan# 3420

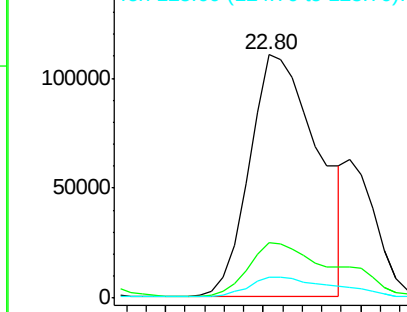
Delta R.T. -0.01 min

Lab File: BM001962.D

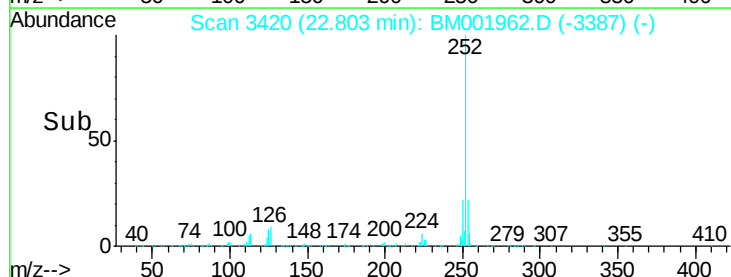
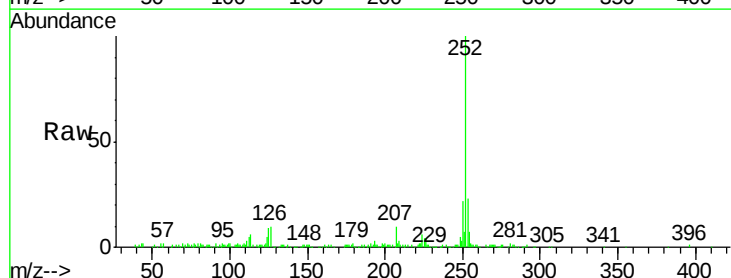
Acq: 17 Jul 2015 00:45

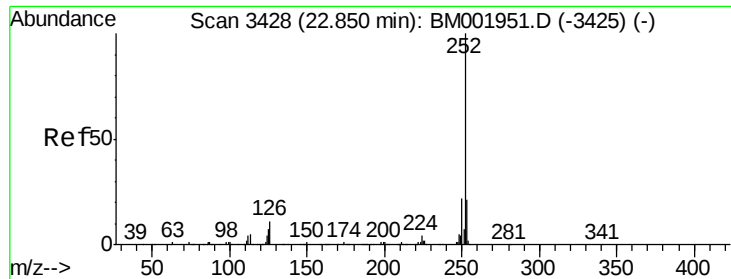
Tgt Ion:	252	Resp:	267404
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.6	26.4
125	8.6	6.1	9.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





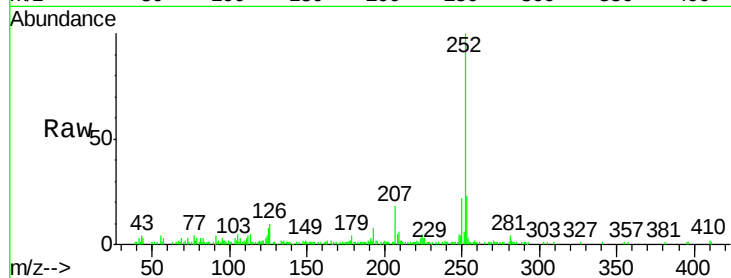
#88
Benzo(k)fluoranthene
Concen: 2.92 ng/ul m
RT: 22.84 min Scan# 3427
Delta R.T. -0.01 min
Lab File: BM001962.D
Acq: 17 Jul 2015 00:45

Instrument :
BNA_M
ClientSampled :
C01H0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	7.9	5.6	8.4

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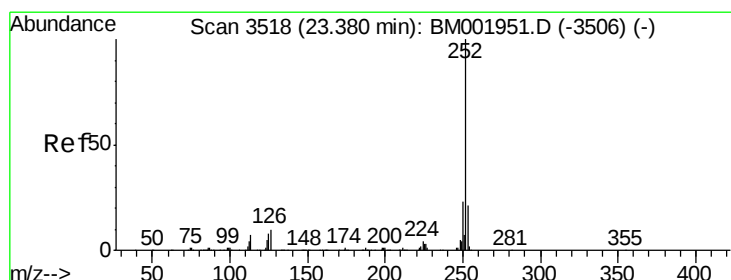
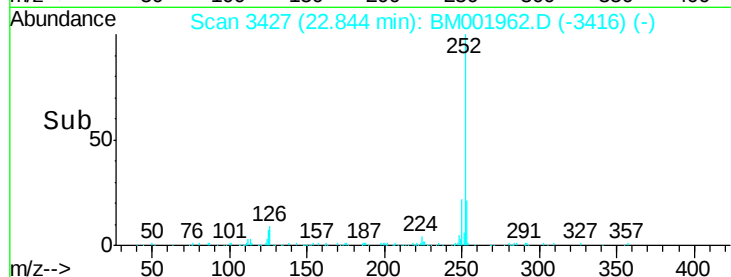
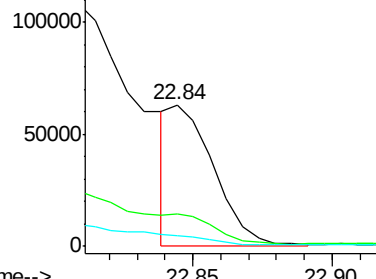


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 8.24 ng/ul
RT: 23.37 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM001962.D
Acq: 17 Jul 2015 00:45

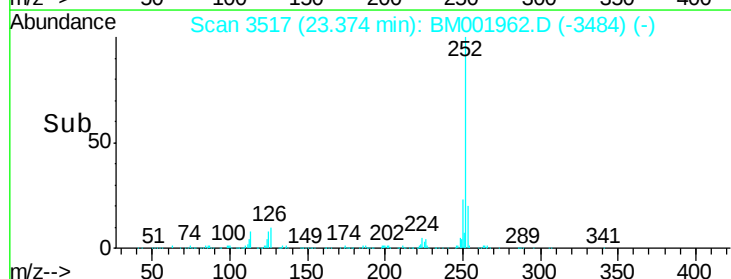
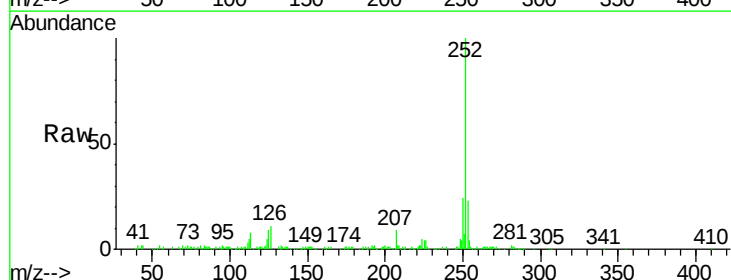
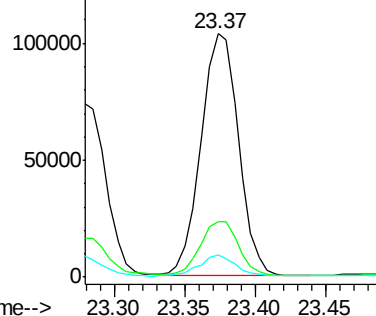
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	8.9	6.4	9.6

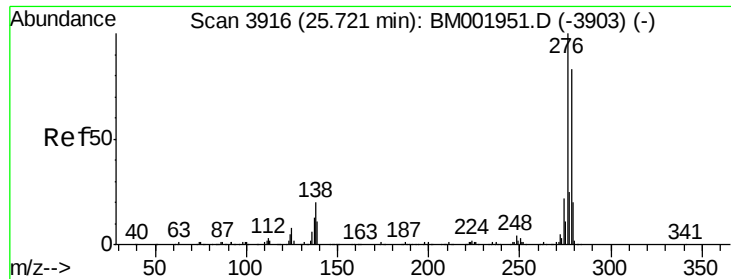
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





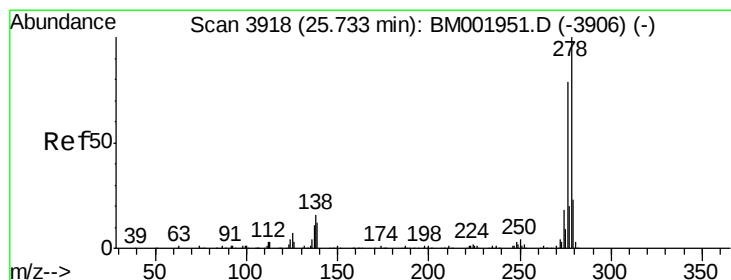
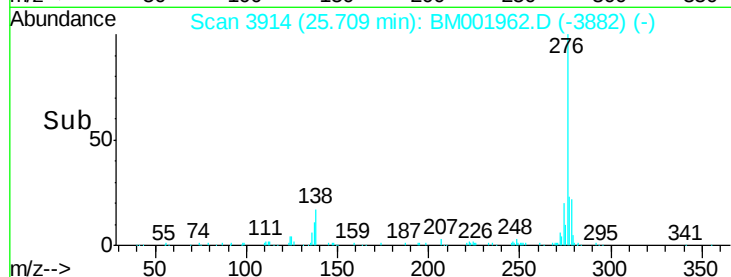
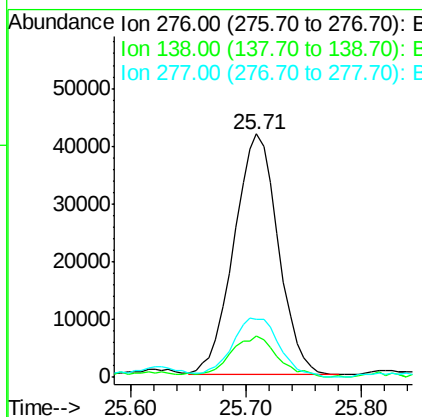
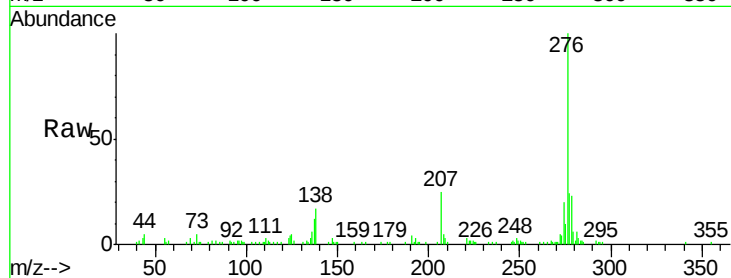
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 4.50 ng/ul
 RT: 25.71 min Scan# 3914
 Delta R.T. -0.01 min
 Lab File: BM001962.D
 Acq: 17 Jul 2015 00:45

Instrument :
 BNA_M
 ClientSampleId :
 C01H0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.4	23.0
277	23.7	19.9	29.9

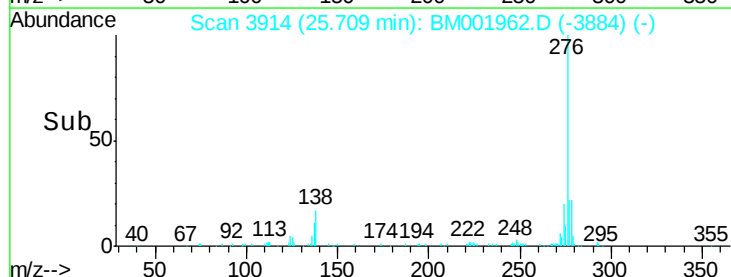
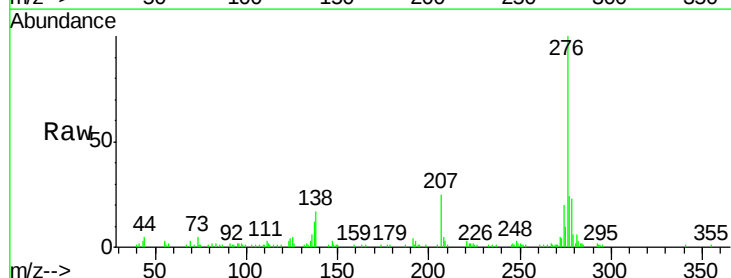
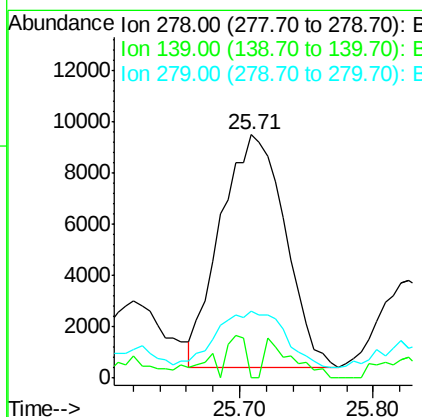
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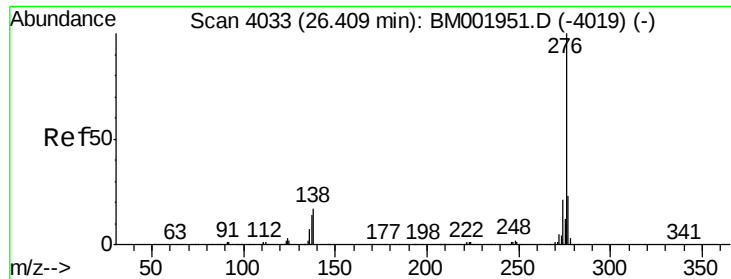
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#92
 Dibenzo(a,h)anthracene
 Concen: 1.47 ng/ul
 RT: 25.71 min Scan# 3914
 Delta R.T. -0.02 min
 Lab File: BM001962.D
 Acq: 17 Jul 2015 00:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.6	14.4#
279	27.7	19.4	29.2





#93
 Benzo(g,h,i)perylene
 Concen: 3.77 ng/ul
 RT: 26.40 min Scan# 4031
 Delta R.T. -0.01 min
 Lab File: BM001962.D
 Acq: 17 Jul 2015 00:45

Instrument :
 BNA_M
 ClientSampleId :
 C01H0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.3	19.9
277	24.2	18.6	27.8

Manual Integrations
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