

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003661.D
 Acq On : 20 Dec 2015 19:04
 Operator : UM/SJ
 Sample : G4867-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA4

Manual Integrations
 APPROVED

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 12/22/2015 12:19:26 PM

Quant Time: Dec 21 03:51:10 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 02:19:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	21555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	104434	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	67220	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	167317	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	216209	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	198972	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	417	1.04	ng/uL	0.00
5) Phenol-d5	6.87	99	14290	7.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	32823	33.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	41749	28.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	30150	19.16	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	27975	36.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	31735	37.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	52682	33.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	8565m	4.13	ng/ul	0.05
44) Dimethylphthalate-d6	13.76	166	204057	36.73	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	238125	37.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	8519	7.87	ng/ul	0.00
58) Fluorene-d10	15.35	176	175197	38.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	32023	33.96	ng/ul	0.00
71) Anthracene-d10	17.20	188	287098	37.71	ng/ul	0.00
79) Pyrene-d10	19.50	212	349096	36.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	373204	37.76	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.90	94	271087	141.68	ng/ul	99
11) 2-Methylphenol	8.15	108	159069	105.02	ng/ul	99
16) 4-Methylphenol	8.48	108	391188	231.70	ng/ul	94
24) 2,4-Dimethylphenol	9.67	107	171783m	88.77	ng/ul	
28) Naphthalene	10.55	128	1600123	297.39	ng/ul	100
34) 2-Methylnaphthalene	12.16	142	153437	38.19	ng/ul	99
35) 1-Methylnaphthalene	12.38	142	166943	43.74	ng/ul	99
41) 1,1'-Biophenyl	13.17	154	38600	7.07	ng/ul	99
48) Acenaphthylene	14.07	152	175910	25.44	ng/ul	99
50) Acenaphthene	14.42	153	27489	5.95	ng/ul	96
54) Dibenzofuran	14.75	168	83031	12.59	ng/ul	99
59) Fluorene	15.40	166	72929	13.78	ng/ul	99
70) Phenanthrene	17.14	178	153487	16.58	ng/ul	100
72) Anthracene	17.23	178	36943	3.91	ng/ul	99
75) Carbazole	17.50	167	101874	11.83	ng/ul	99
77) Fluoranthene	19.16	202	42276	3.97	ng/ul	99
80) Pyrene	19.53	202	39394	3.17	ng/ul	98

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

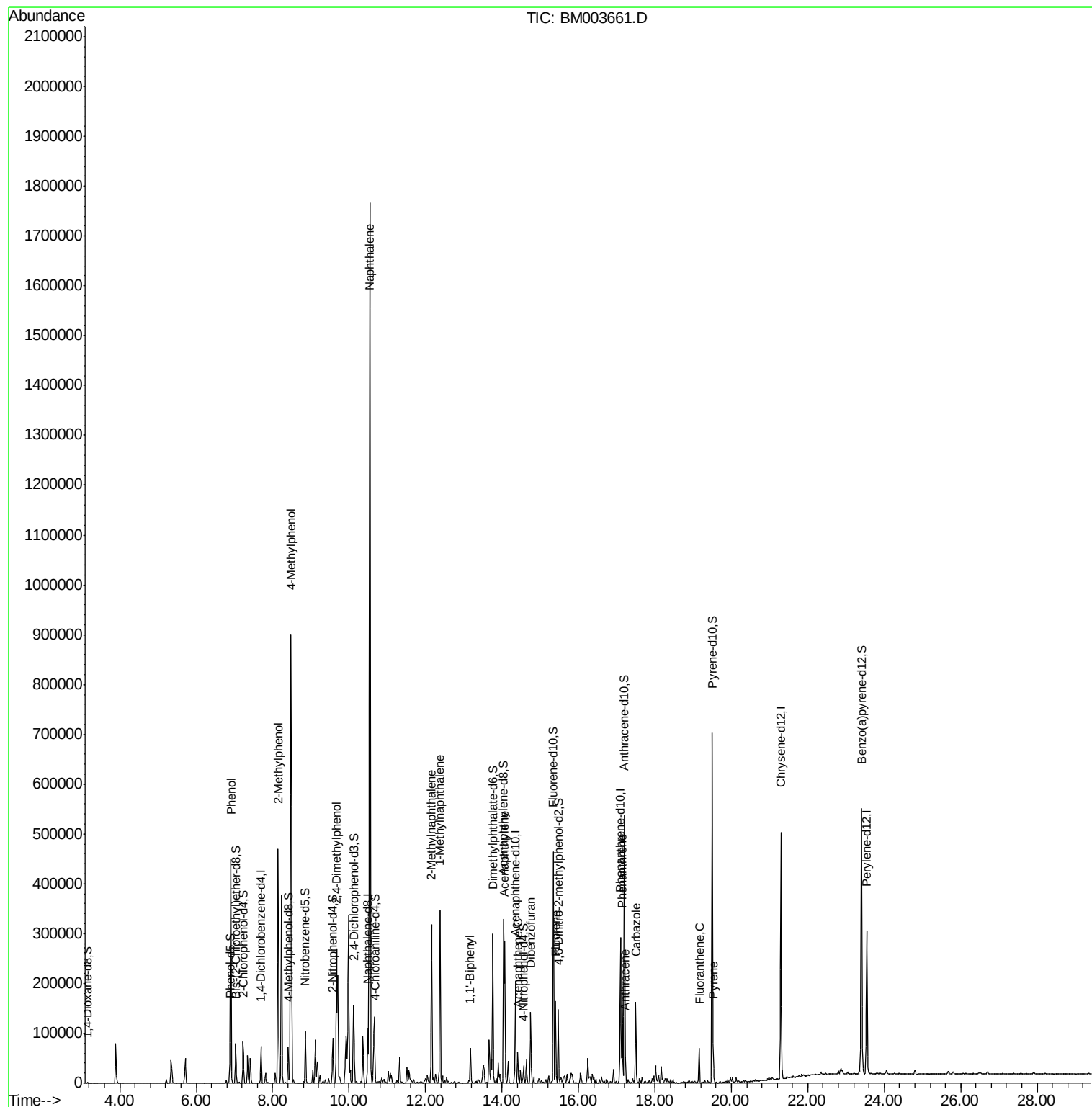
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

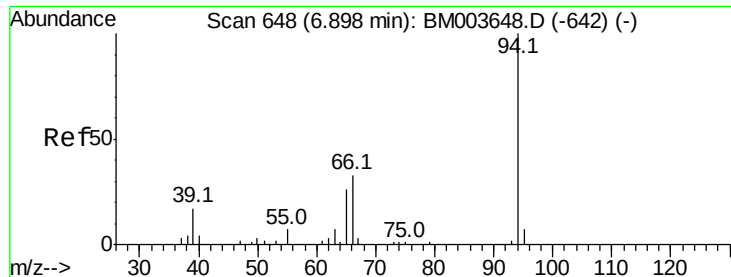
Instrument :
BNA_M
ClientSampleId :
G9DA4

Manual Integrations
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Quant Time: Dec 21 03:51:10 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:19:57 2015
Response via : Initial Calibration





#6

Phenol

Concen: 141.68 ng/ul

RT: 6.90 min Scan# 649

Delta R.T. 0.01 min

Lab File: BM003661.D

Acq: 20 Dec 2015 19:04

Instrument :

BNA_M

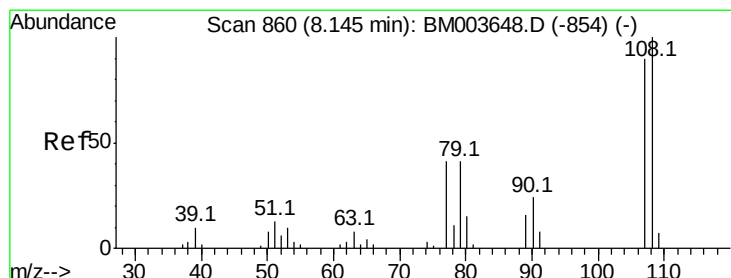
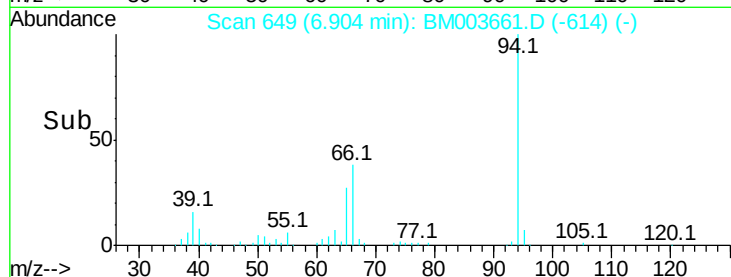
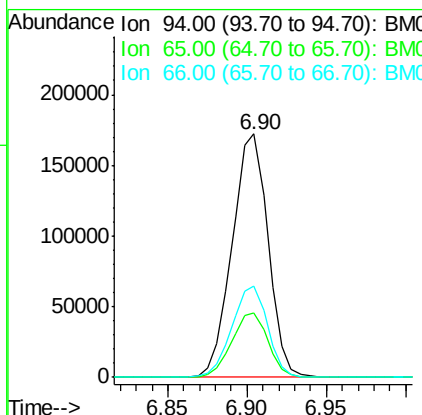
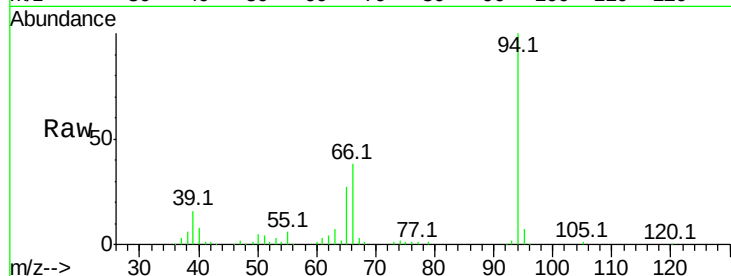
ClientSampleId :

G9DA4

Tot Ion:	94	Resp:	271087
Ion Ratio	Lower	Upper	
94	100		
65	26.6	21.0	31.6
66	37.6	29.3	43.9

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#11

2-Methylphenol

Concen: 105.02 ng/ul

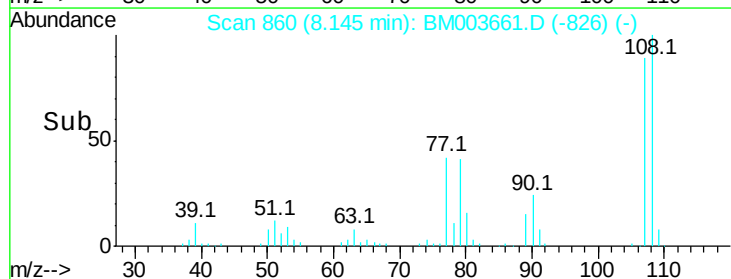
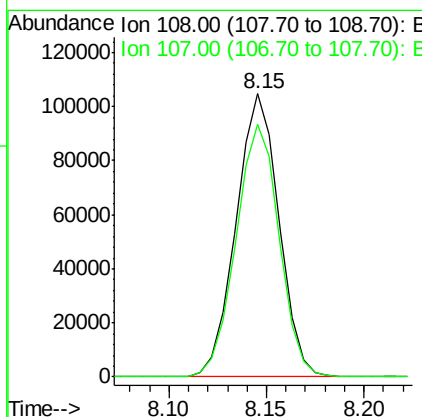
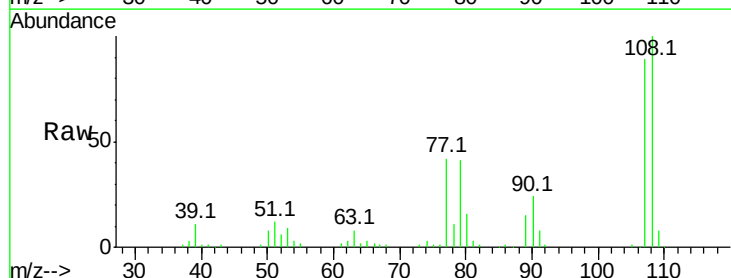
RT: 8.15 min Scan# 860

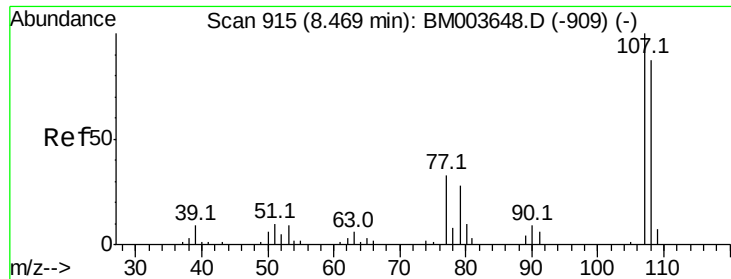
Delta R.T. 0.00 min

Lab File: BM003661.D

Acq: 20 Dec 2015 19:04

Tgt Ion:	108	Resp:	159069
Ion Ratio	Lower	Upper	
108	100		
107	89.2	72.4	108.6





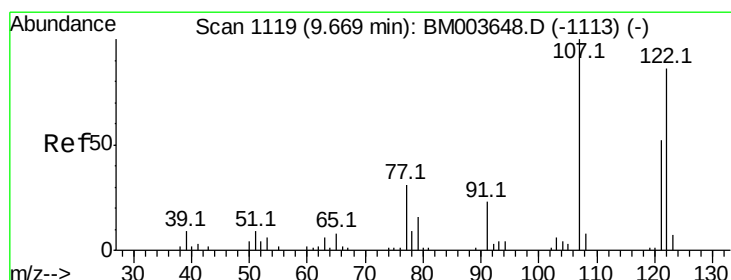
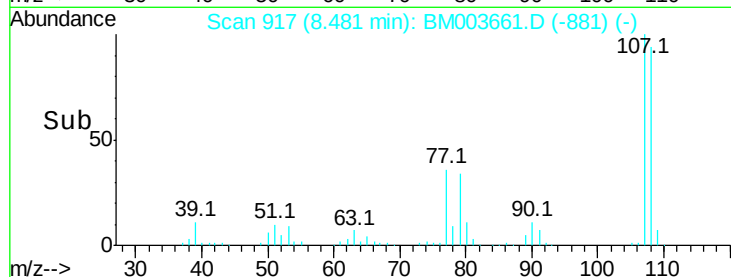
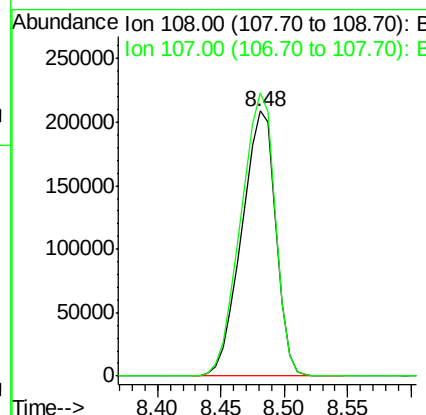
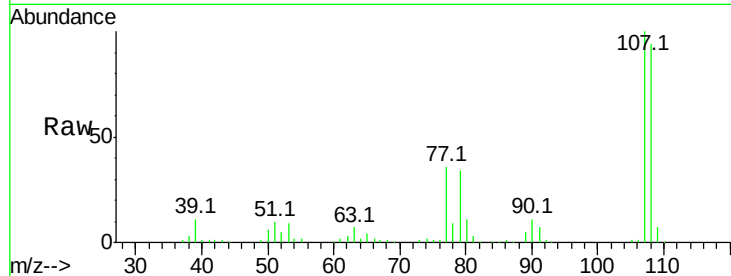
#16
4-Methylphenol
Concen: 231.70 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampled :
G9DA4

Tot Ion	Ratio	Lower	Upper
108	100		
107	106.7	90.3	135.5

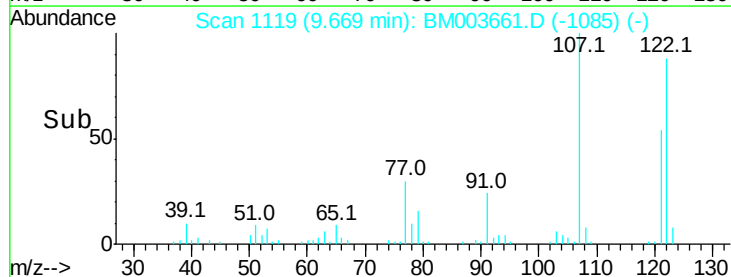
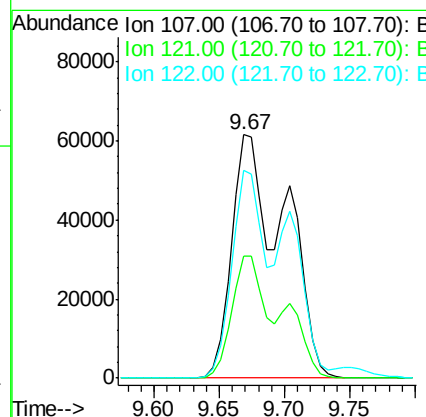
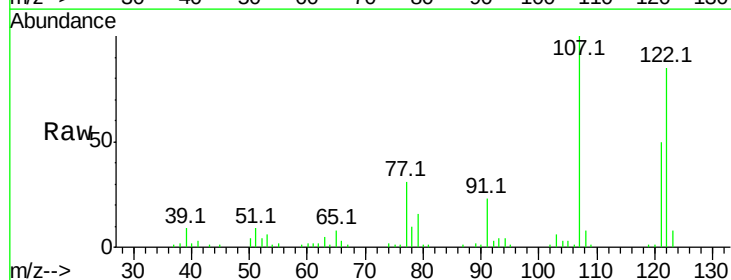
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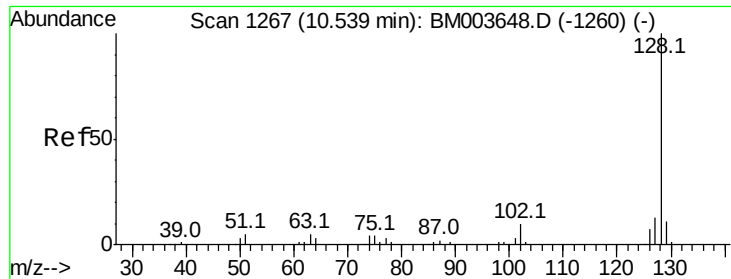
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#24
2,4-Dimethylphenol
Concen: 88.77 ng/ul m
RT: 9.67 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Tgt Ion	Ratio	Lower	Upper
107	100		
121	50.1	40.6	61.0
122	85.1	67.8	101.6





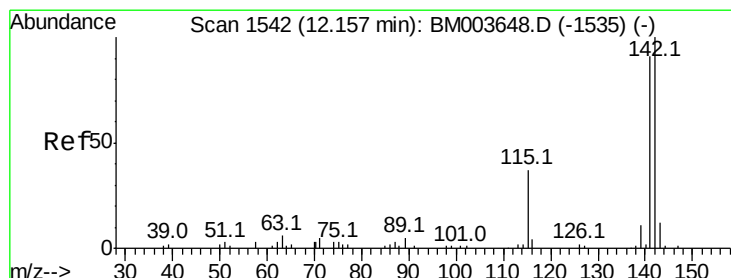
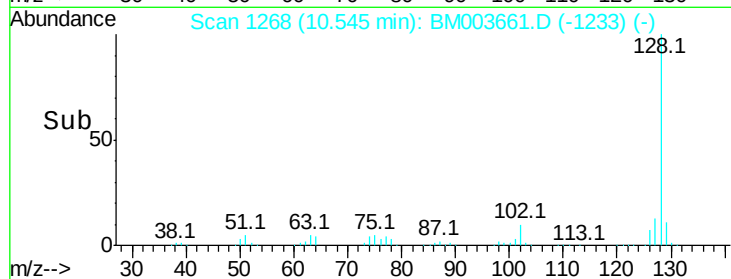
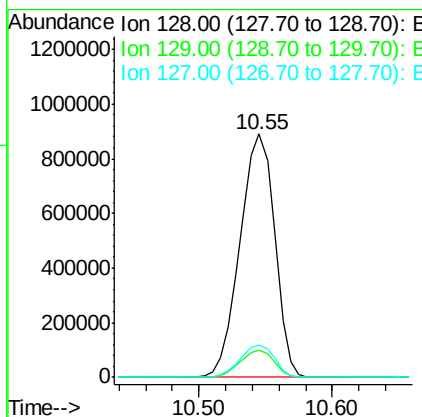
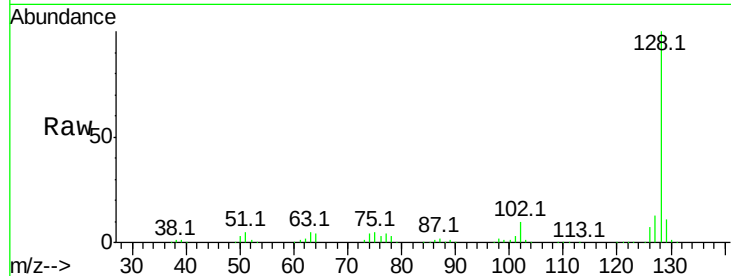
#28
Naphthalene
Concen: 297.39 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampleId :
G9DA4

Tot Ion:128 Resp: 1600123
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.5 15.7

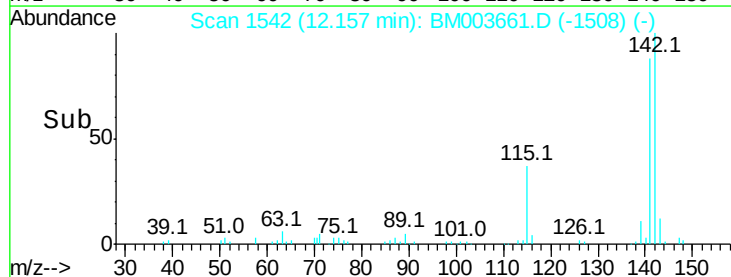
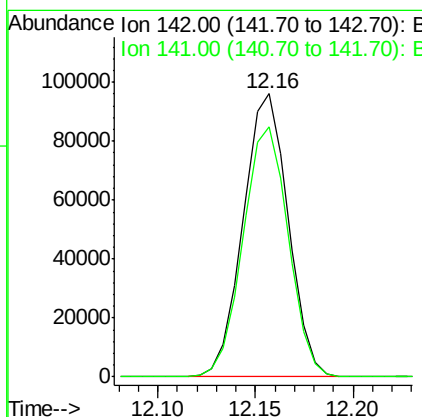
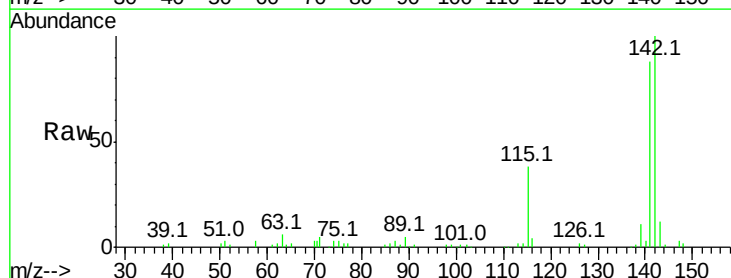
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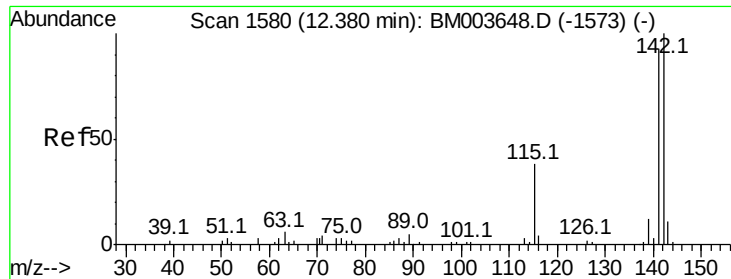
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#34
2-Methylnaphthalene
Concen: 38.19 ng/ul
RT: 12.16 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Tgt Ion:142 Resp: 153437
Ion Ratio Lower Upper
142 100
141 88.4 71.6 107.4





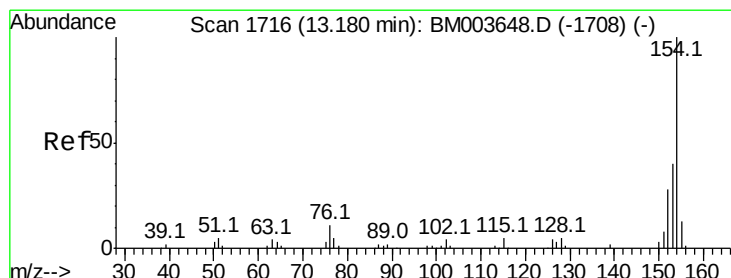
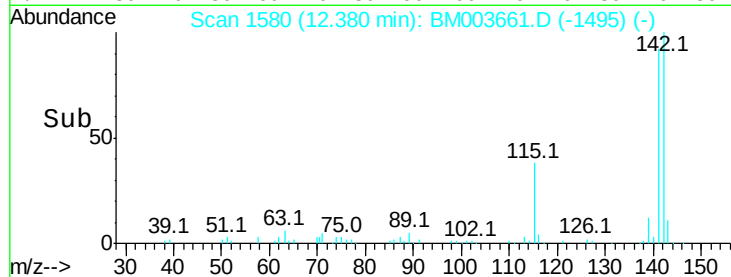
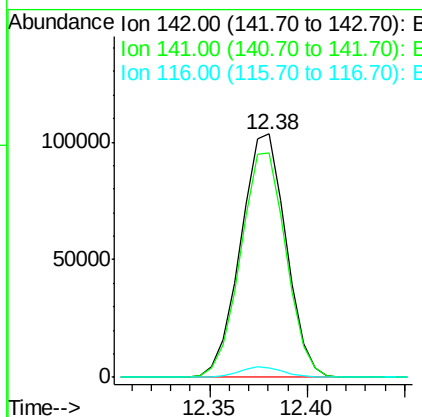
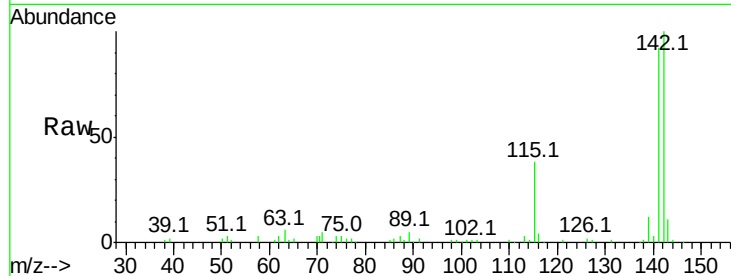
#35
 1-Methylnaphthalene
 Concen: 43.74 ng/ul
 RT: 12.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BM003661.D
 Acq: 20 Dec 2015 19:04

Instrument :
 BNA_M
 ClientSampleId :
 G9DA4

Tot Ion:	142	Resp:	166943
Ion Ratio	Lower	Upper	
142	100		
141	92.4	74.9	112.3
116	4.1	3.1	4.7

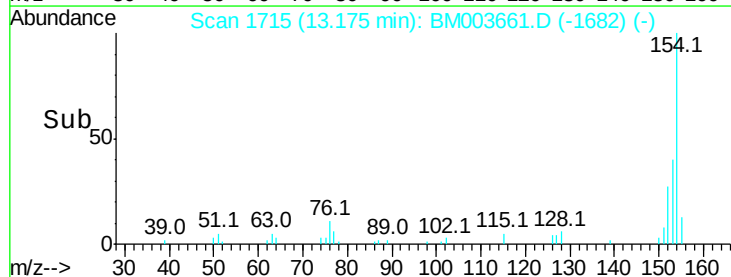
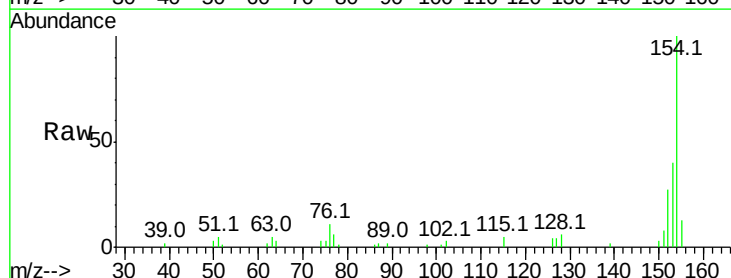
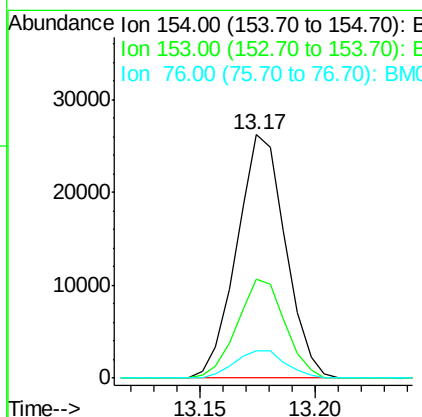
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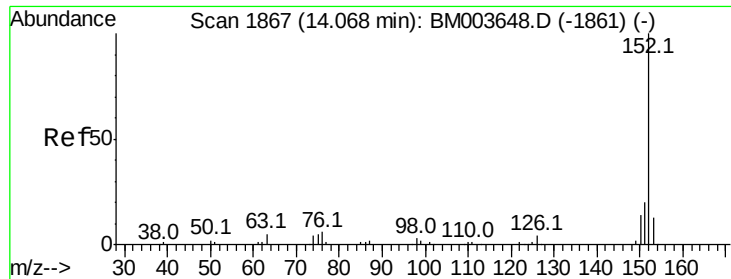
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#41
 1,1'-Biphenyl
 Concen: 7.07 ng/ul
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM003661.D
 Acq: 20 Dec 2015 19:04

Tgt Ion:	154	Resp:	38600
Ion Ratio	Lower	Upper	
154	100		
153	40.4	32.1	48.1
76	11.2	9.5	14.3





#48

Acenaphthylene

Concen: 25.44 ng/ul

RT: 14.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BM003661.D

Acq: 20 Dec 2015 19:04

Instrument :

BNA_M

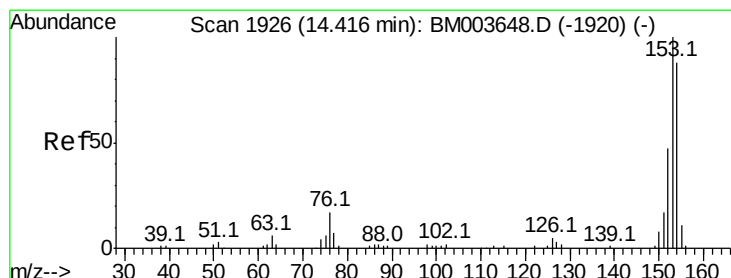
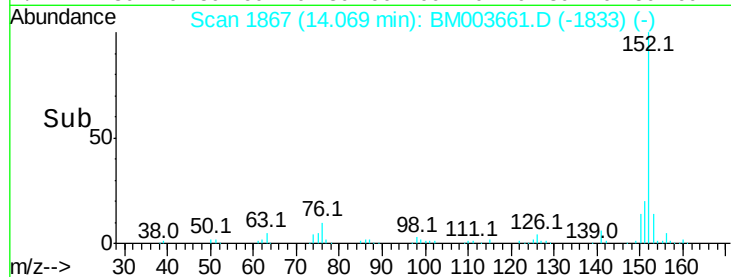
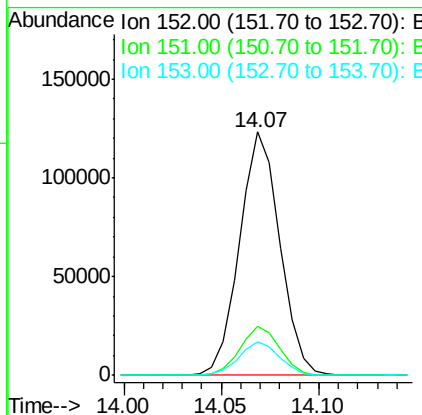
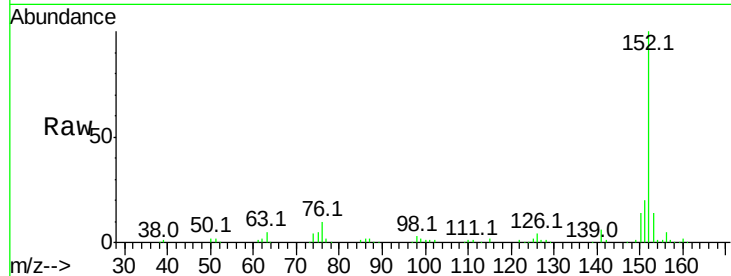
ClientSampleId :

G9DA4

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.6	10.5	15.7

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#50

Acenaphthene

Concen: 5.95 ng/ul

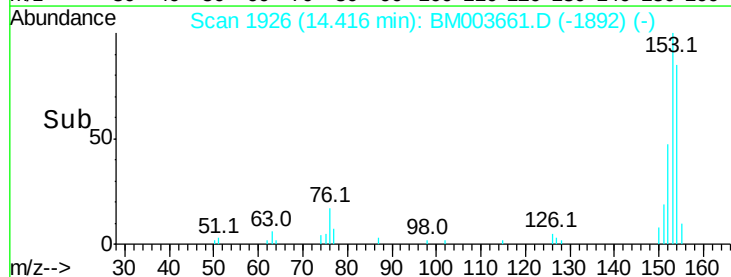
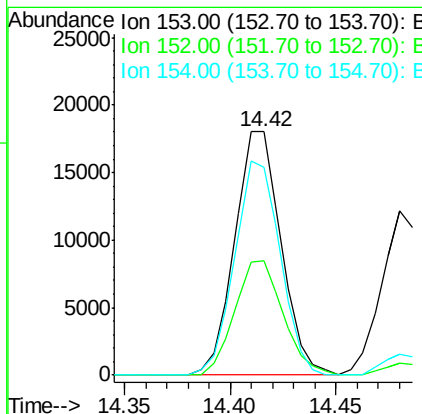
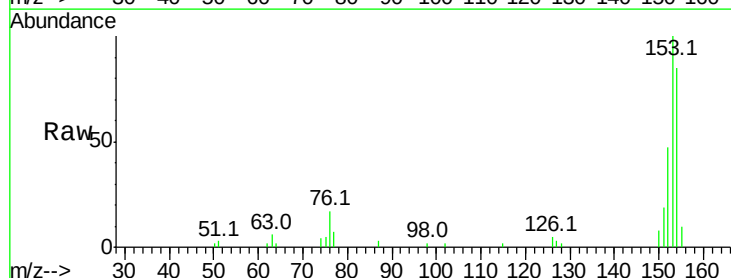
RT: 14.42 min Scan# 1926

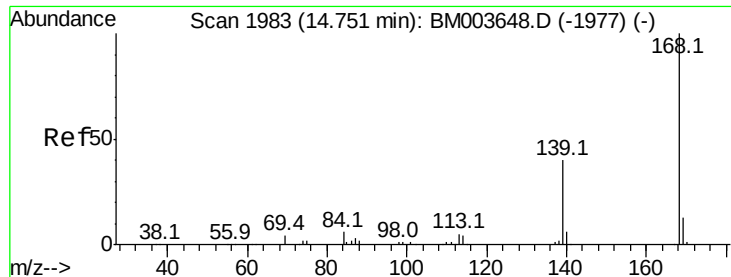
Delta R.T. 0.00 min

Lab File: BM003661.D

Acq: 20 Dec 2015 19:04

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.3	57.5
154	85.4	71.8	107.8





#54

Dibenzenofuran

Concen: 12.59 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM003661.D

Acq: 20 Dec 2015 19:04

Instrument :

BNA_M

ClientSampleId :

G9DA4

Tot Ion:168 Resp: 83031

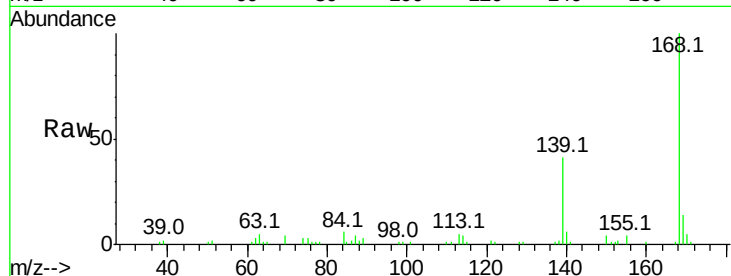
Ion Ratio Lower Upper

168 100

139 40.6 32.2 48.2

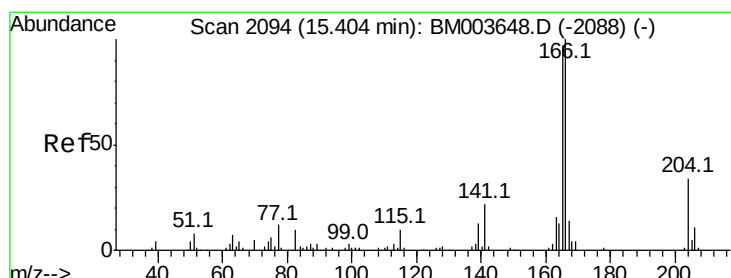
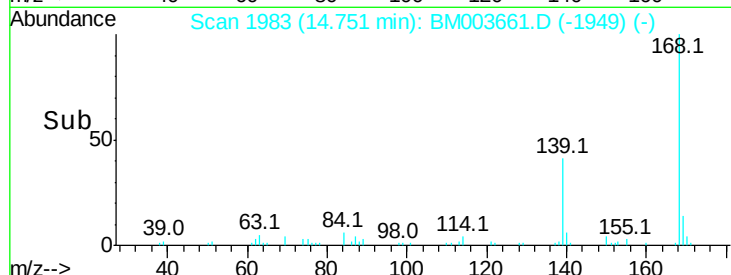
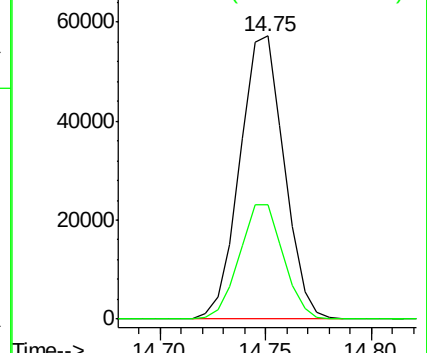
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 13.78 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BM003661.D

Acq: 20 Dec 2015 19:04

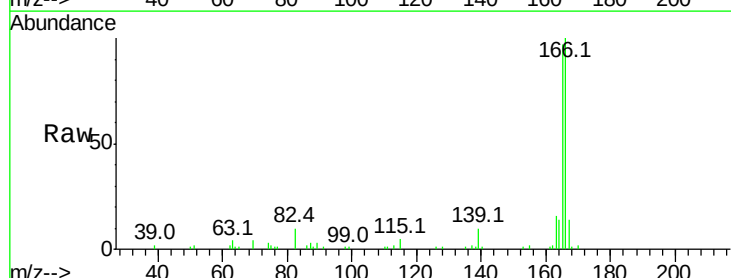
Tgt Ion:166 Resp: 72929

Ion Ratio Lower Upper

166 100

165 97.4 78.5 117.7

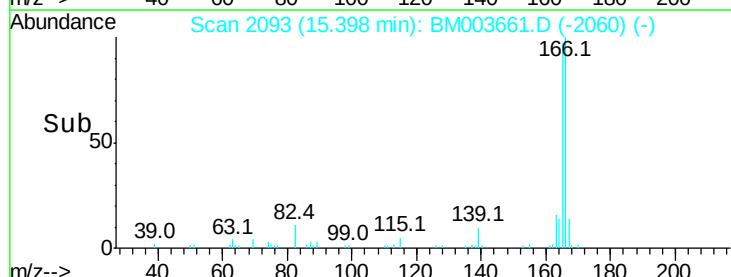
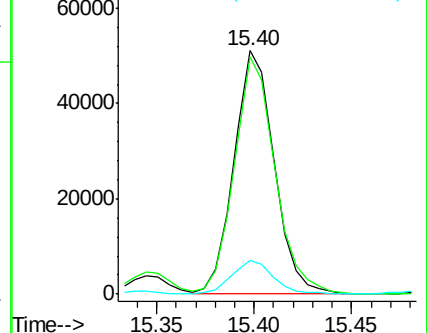
167 13.6 10.7 16.1

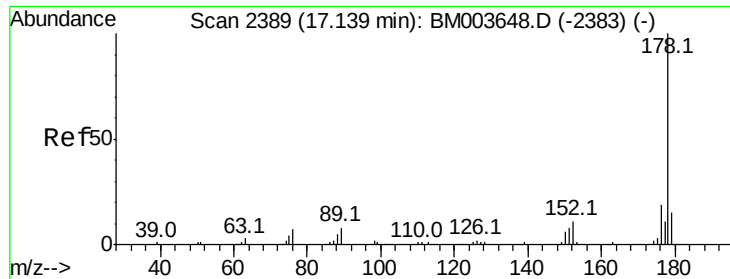


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





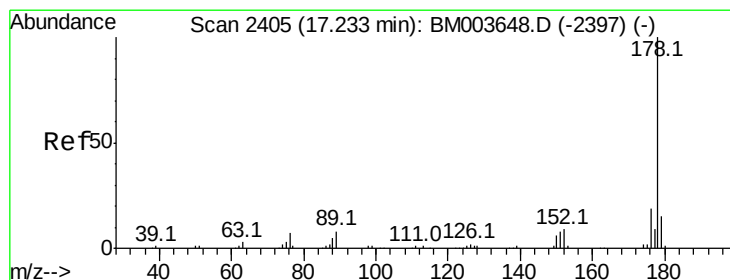
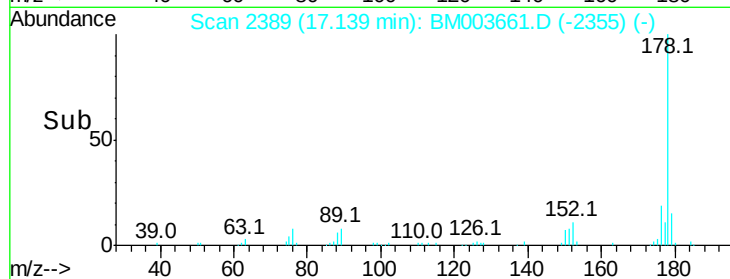
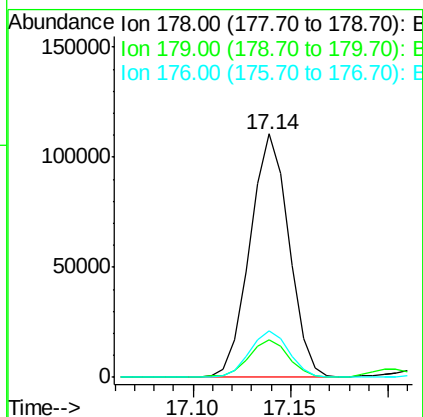
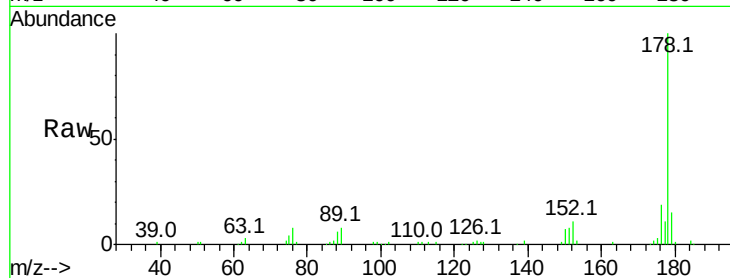
#70
Phenanthrene
Concen: 16.58 ng/ul
RT: 17.14 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampled :
G9DA4

Tot Ion	Ratio	Resp	Lower	Upper
178	100	153487		
179	15.3		12.2	18.4
176	19.2		15.6	23.4

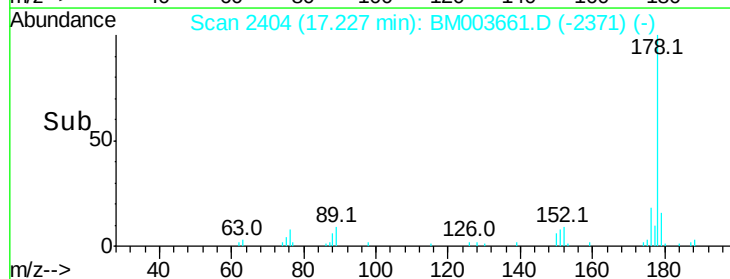
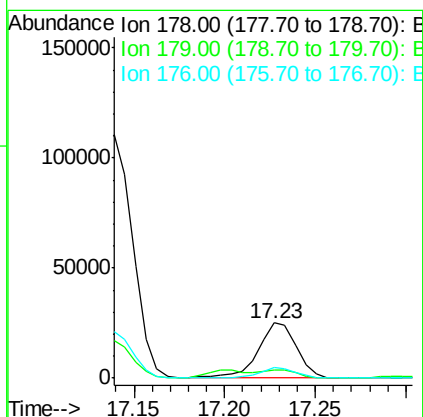
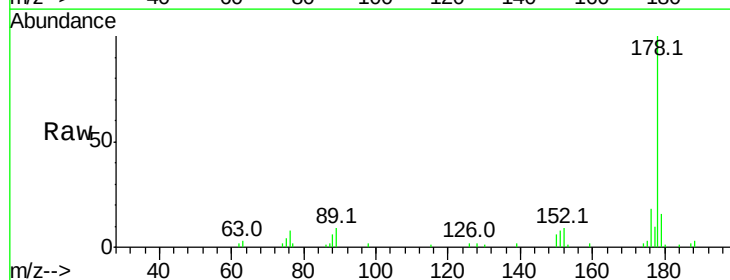
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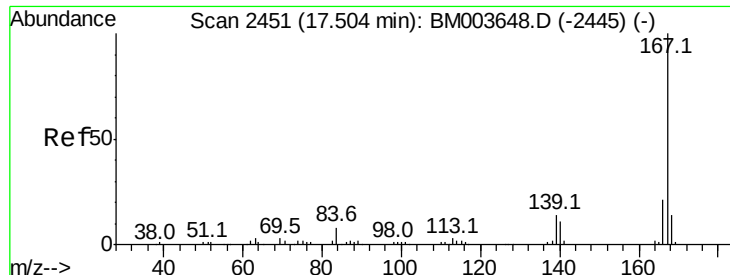
apatel
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#72
Anthracene
Concen: 3.91 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	36943		
179	15.6		12.1	18.1
176	18.3		14.8	22.2





#75

Carbazole

Concen: 11.83 ng/ul

RT: 17.50 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM003661.D

Acq: 20 Dec 2015 19:04

Instrument :

BNA_M

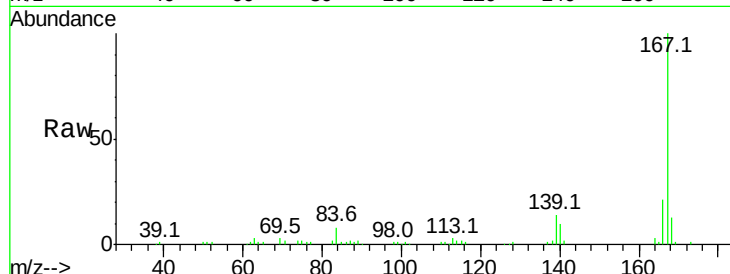
ClientSampleId :

G9DA4

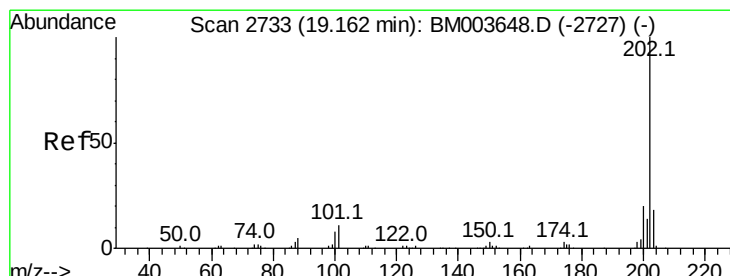
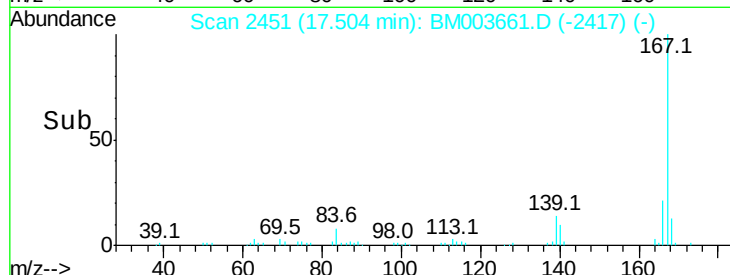
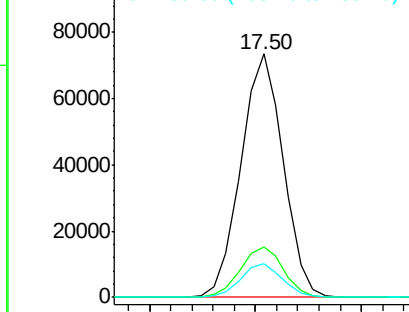
Tot Ion:	167	Resp:	101874
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.0	25.6
139	13.8	11.0	16.4

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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



#77

Fluoranthene

Concen: 3.97 ng/ul

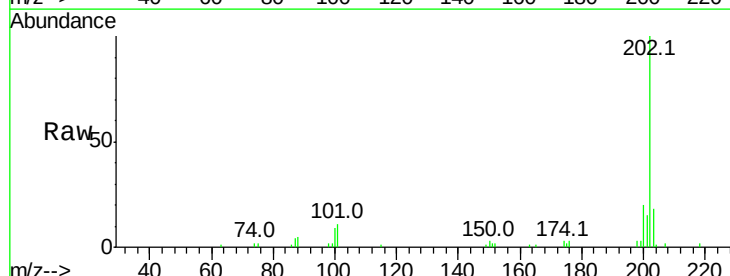
RT: 19.16 min Scan# 2733

Delta R.T. 0.00 min

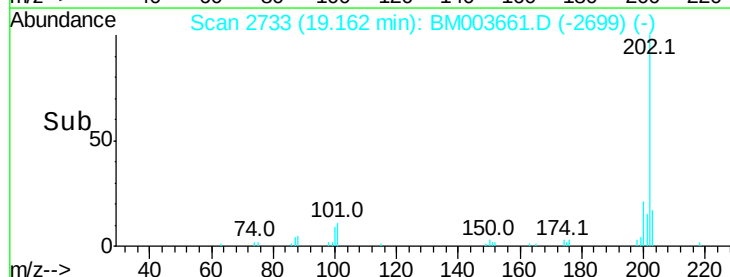
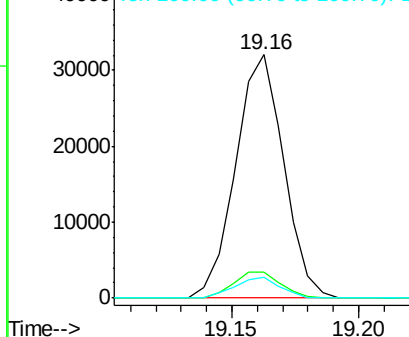
Lab File: BM003661.D

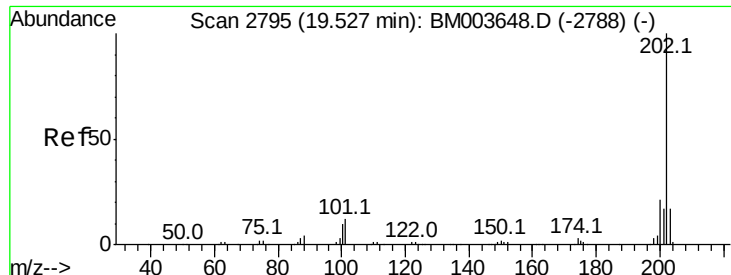
Acq: 20 Dec 2015 19:04

Tgt Ion:	202	Resp:	42276
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.8	13.2
100	8.6	6.6	9.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





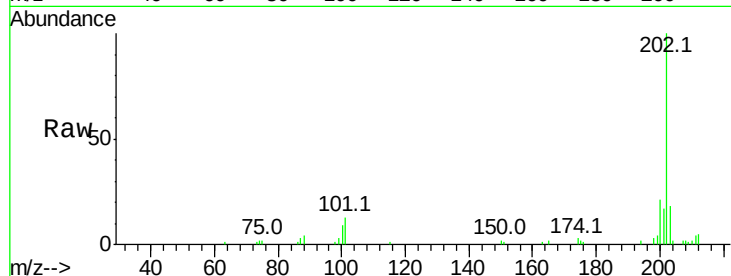
#80
 Pvrene
 Concen: 3.17 ng/ul
 RT: 19.53 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BM003661.D
 Acq: 20 Dec 2015 19:04

Instrument :
 BNA_M
 ClientSampleId :
 G9DA4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	10.2	15.2
100	9.3	8.5	12.7

Manual Integrations
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apatel
 12/22/2015 12:19:26 PM



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

