

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003674.D
 Acq On : 21 Dec 2015 03:00
 Operator : UM/SJ
 Sample : G4867-09MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA5MS

Manual Integrations
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 12/22/2015 12:20:03 PM

Quant Time: Dec 21 05:53:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	17252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	87816	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	59201	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	154656	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	222912	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	230157	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	6.87	99	12918	8.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	24063	31.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	34735	29.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	26118	20.74	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	21926	34.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	25372	35.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	46932	35.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	1403	0.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	175863	35.94	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	211167	37.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	9443	9.91	ng/ul	0.00
58) Fluorene-d10	15.35	176	157701	38.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	29606	33.97	ng/ul	0.00
71) Anthracene-d10	17.20	188	274509	39.01	ng/ul	0.00
79) Pyrene-d10	19.50	212	346544	35.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	439141	38.41	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.90	94	14599	9.53	ng/ul	98
10) 2-Chlorophenol	7.26	128	34387	27.88	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	31336	32.89	ng/ul	98
33) 4-Chloro-3-methylphenol	11.78	107	54304	34.04	ng/ul	99
45) Dimethylphthalate	13.80	163	23895	4.77	ng/ul	99
48) Acenaphthylene	14.07	152	124871	20.50	ng/ul	99
50) Acenaphthene	14.42	153	142477	35.03	ng/ul	99
53) 4-Nitrophenol	14.57	109	8829	10.95	ng/ul	92
55) 2,4-Dinitrotoluene	14.72	165	56569	38.19	ng/ul	99
69) Pentachlorophenol	16.75	266	39188	40.56	ng/ul	98
70) Phenanthrene	17.14	178	10875	1.27	ng/ul	96
72) Anthracene	17.23	178	33840	3.88	ng/ul	98
77) Fluoranthene	19.16	202	54800	5.57	ng/ul	99
80) Pyrene	19.53	202	546679	42.61	ng/ul	98
83) Benzo(a)anthracene	21.28	228	81272	6.05	ng/ul#	72
85) Chrysene	21.33	228	98540m	7.60	ng/ul	
88) Benzo(b)fluoranthene	22.87	252	163813m	11.81	ng/ul	
89) Benzo(k)fluoranthene	22.90	252	50017m	3.80	ng/ul	
91) Benzo(a)pyrene	23.45	252	215023	16.20	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.80	276	108605	7.60	ng/ul	96
93) Dibenzo(a,h)anthracene	25.81	278	35216	2.94	ng/ul#	79
94) Benzo(a,h,i)perylene	26.50	276	128652	10.97	ng/ul	99

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

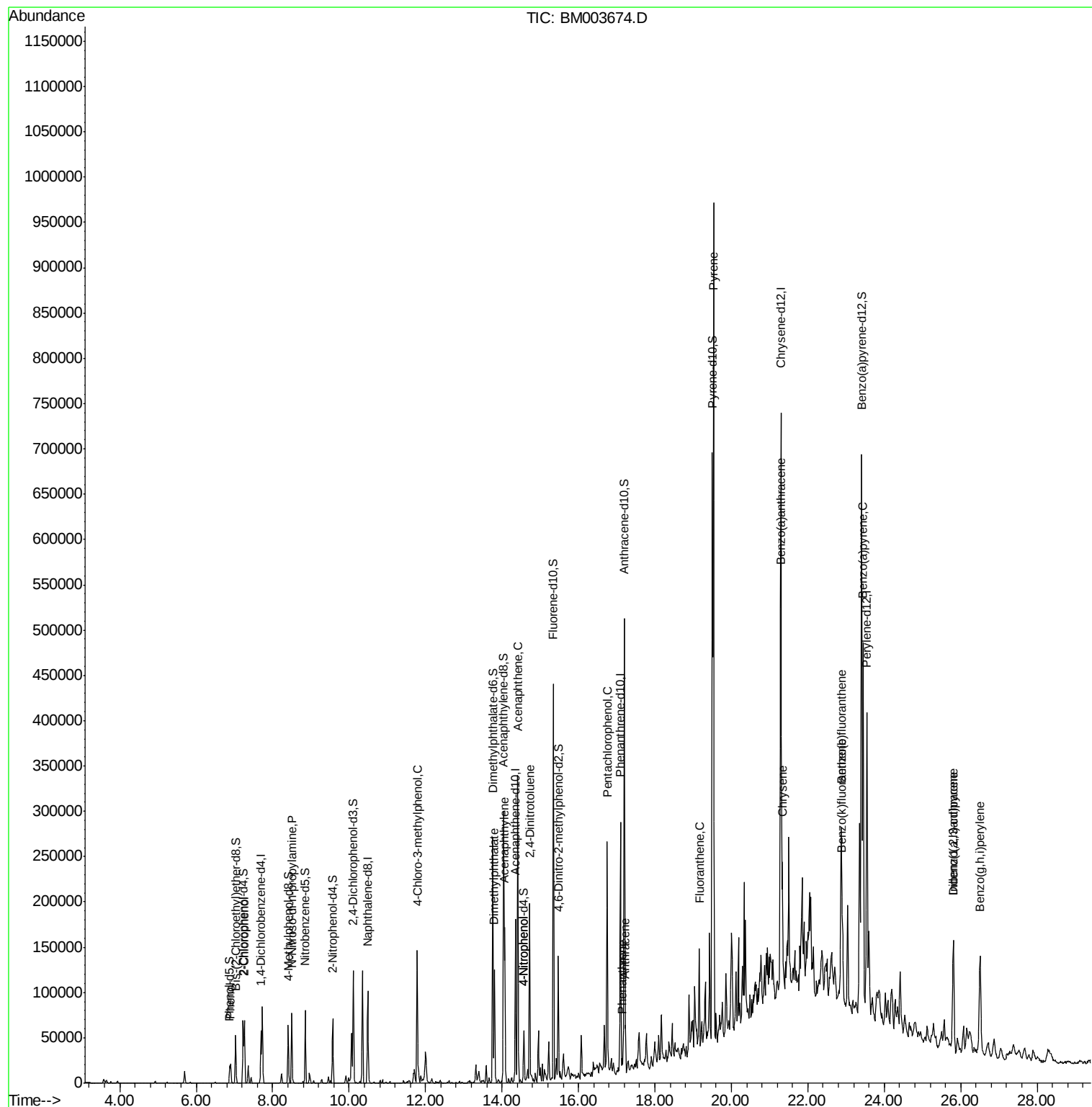
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
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Sample : G4867-09MS
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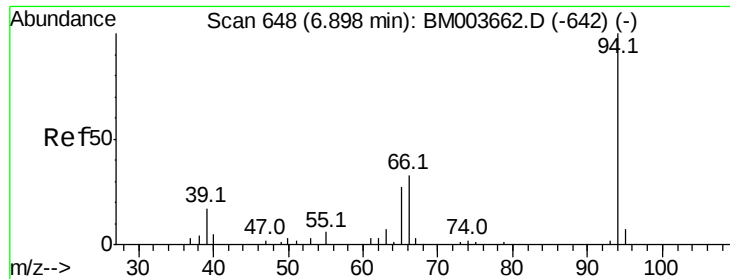
Instrument :
BNA_M
ClientSampleId :
G9DA5MS

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#6

Phenol

Concen: 9.53 ng/ul

RT: 6.90 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM003674.D

Acq: 21 Dec 2015 03:00

Instrument :

BNA_M

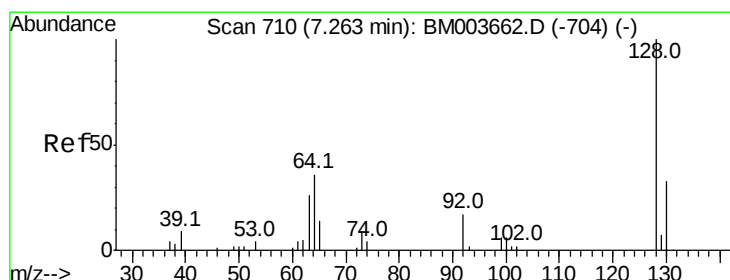
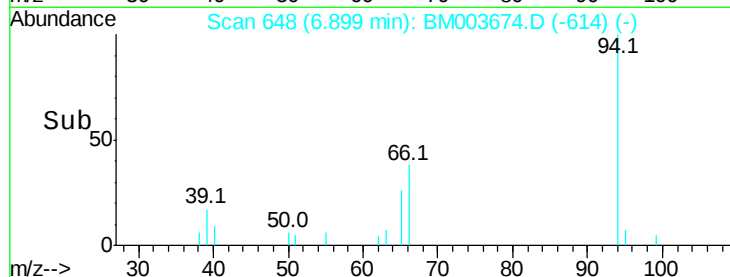
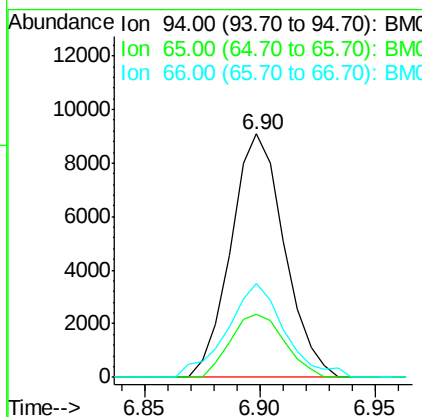
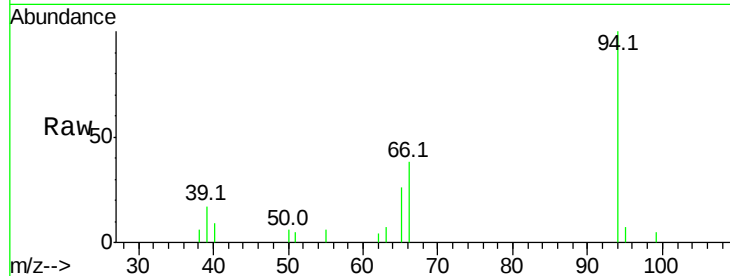
ClientSampleId :

G9DA5MS

Tot Ion:	94	Resp:	14599
Ion Ratio	Lower	Upper	
94	100		
65	26.0	21.0	31.6
66	38.3	29.3	43.9

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#10

2-Chlorophenol

Concen: 27.88 ng/ul

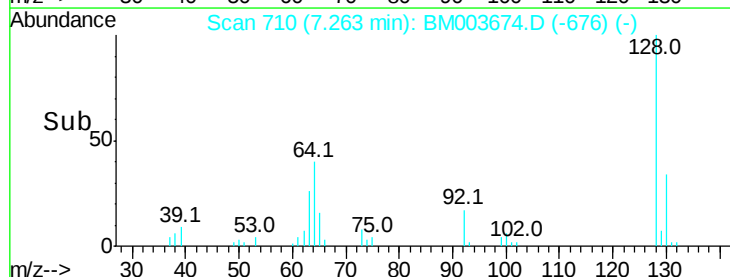
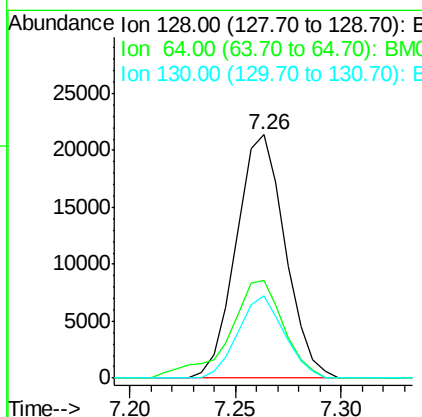
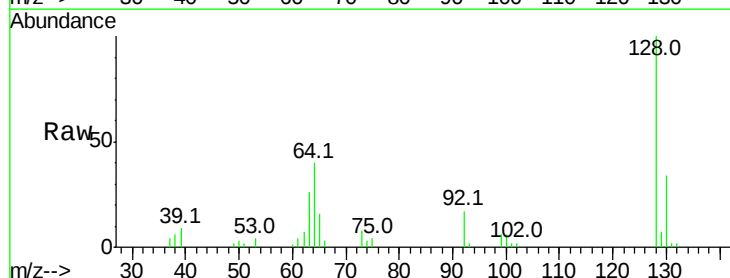
RT: 7.26 min Scan# 710

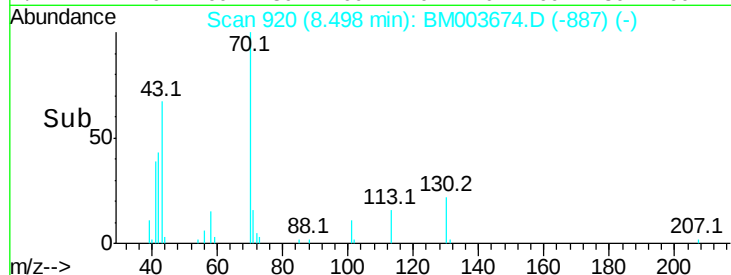
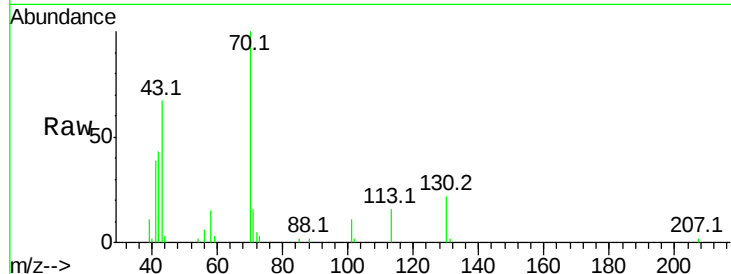
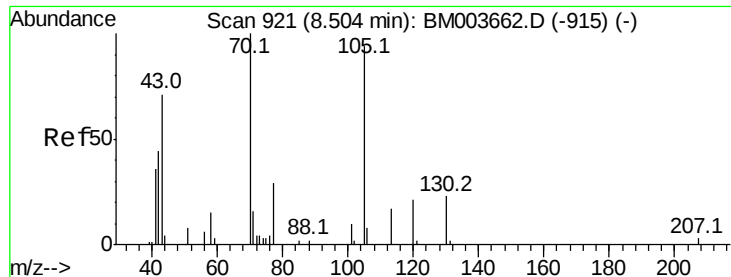
Delta R.T. 0.00 min

Lab File: BM003674.D

Acq: 21 Dec 2015 03:00

Tgt Ion:	128	Resp:	34387
Ion Ratio	Lower	Upper	
128	100		
64	40.1	31.9	47.9
130	33.6	25.6	38.4





#15

N-Nitroso-di-n-propylamine

Concen: 32.89 ng/ul

RT: 8.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BM003674.D

Acq: 21 Dec 2015 03:00

Instrument :

BNA_M

ClientSampleId :

G9DA5MS

Tot Ion: 70 Resp: 31336

Ion Ratio Lower Upper

70 100

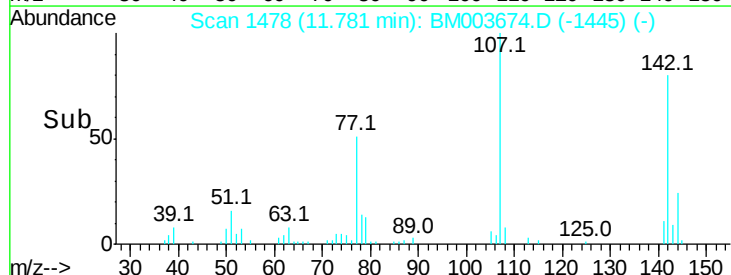
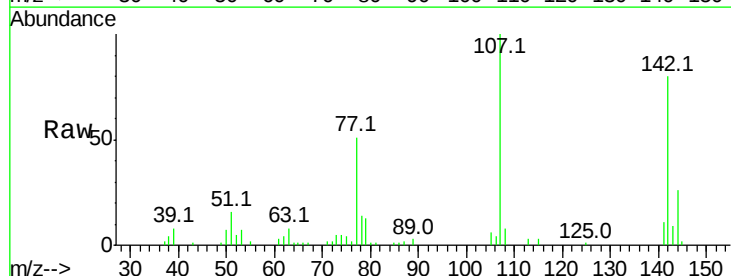
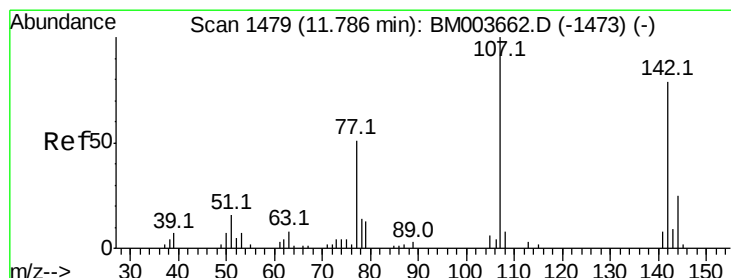
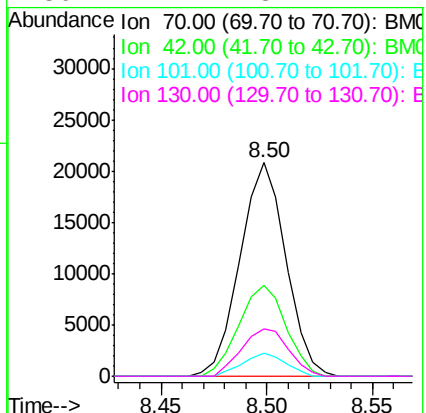
42 42.6 35.4 53.0

101 10.5 8.4 12.6

130 22.4 18.2 27.4

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#33

4-Chloro-3-methylphenol

Concen: 34.04 ng/ul

RT: 11.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BM003674.D

Acq: 21 Dec 2015 03:00

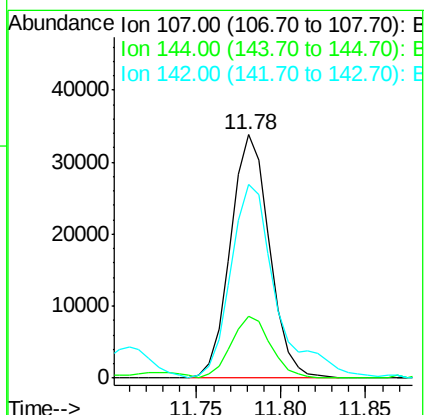
Tgt Ion: 107 Resp: 54304

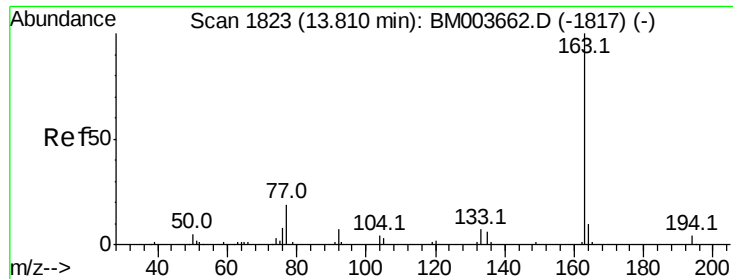
Ion Ratio Lower Upper

107 100

144 25.5 20.4 30.6

142 79.7 62.5 93.7





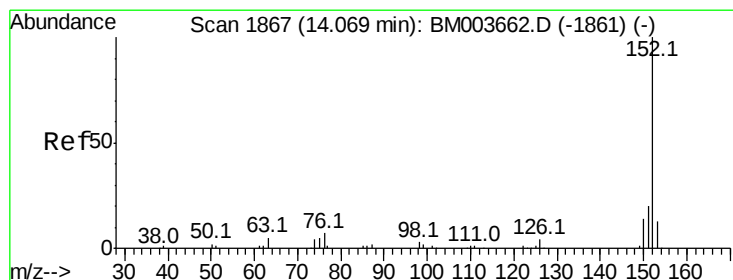
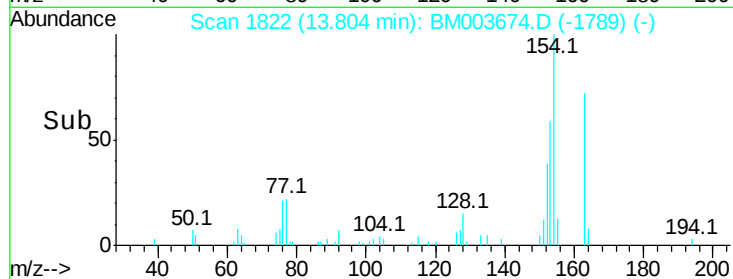
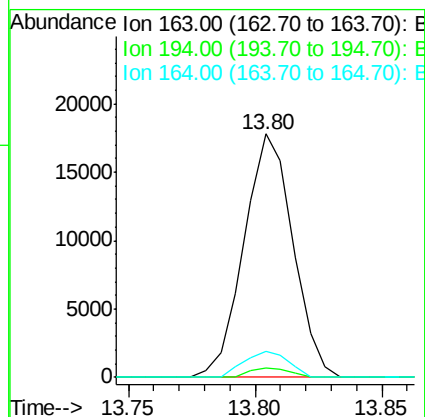
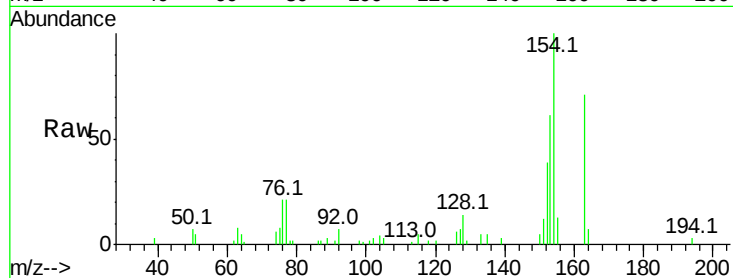
#45
Dimethylphthalate
Concen: 4.77 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	23895		
194	4.0		3.2	4.8
164	10.5		7.8	11.8

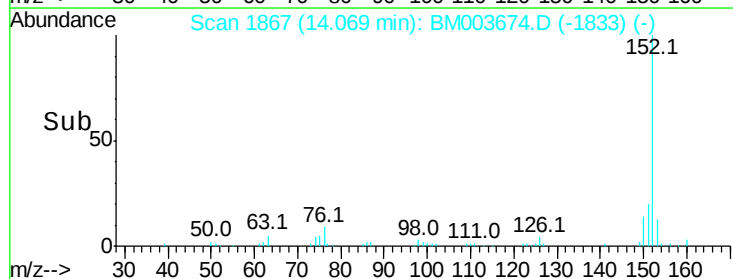
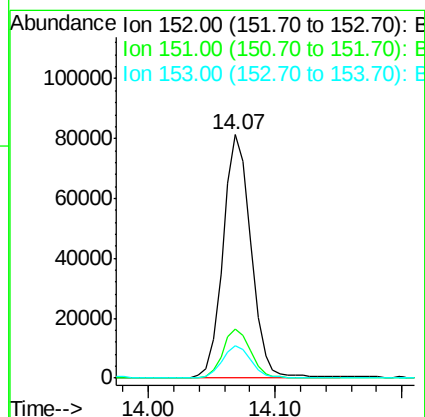
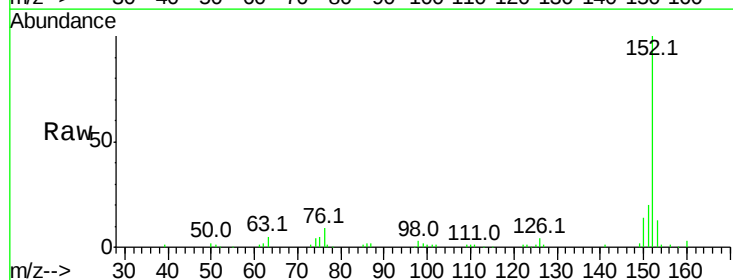
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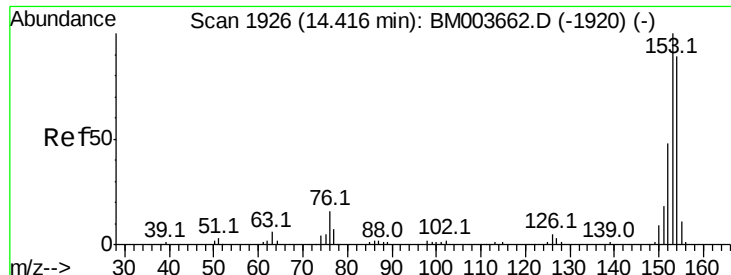
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#48
Acenaphthylene
Concen: 20.50 ng/ul
RT: 14.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	124871		
151	20.0		15.7	23.5
153	13.2		10.5	15.7





#50

Acenaphthene

Concen: 35.03 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BM003674.D

Acq: 21 Dec 2015 03:00

Instrument :

BNA_M

ClientSampleId :

G9DA5MS

Tot Ion:153 Resp: 142477

Ion Ratio Lower Upper

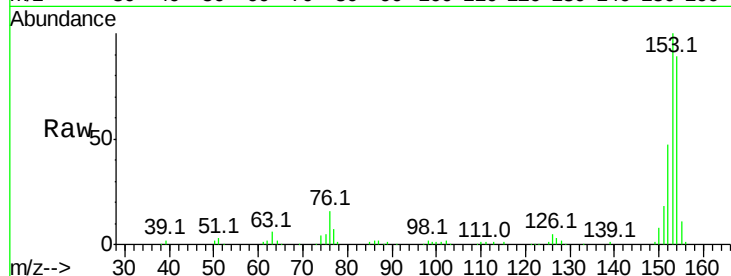
153 100

152 47.0 38.3 57.5

154 88.5 71.8 107.8

Manual Integrations
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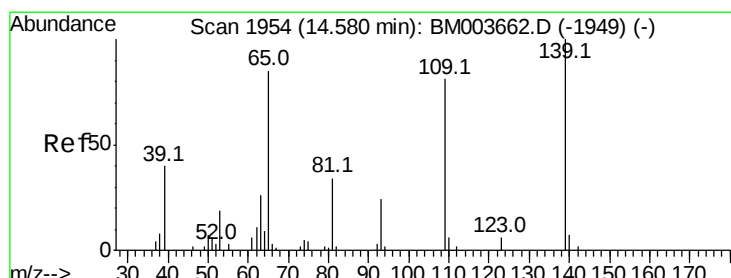
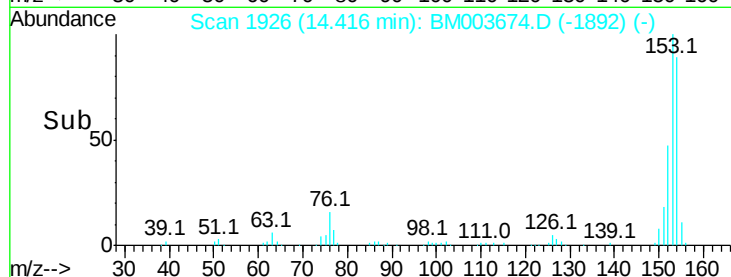
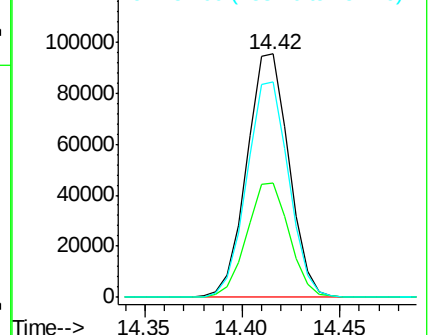
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 10.95 ng/ul

RT: 14.57 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM003674.D

Acq: 21 Dec 2015 03:00

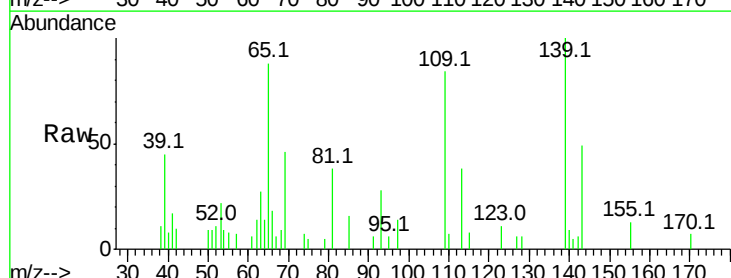
Tgt Ion:109 Resp: 8829

Ion Ratio Lower Upper

109 100

139 119.1 103.7 155.5

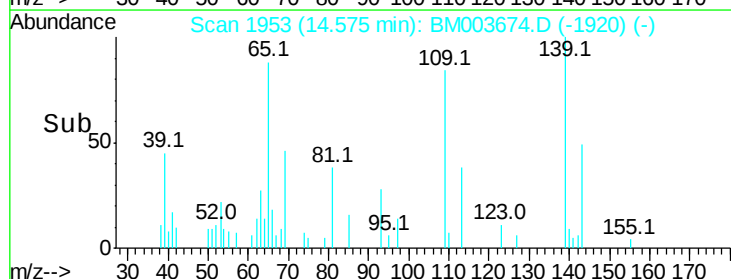
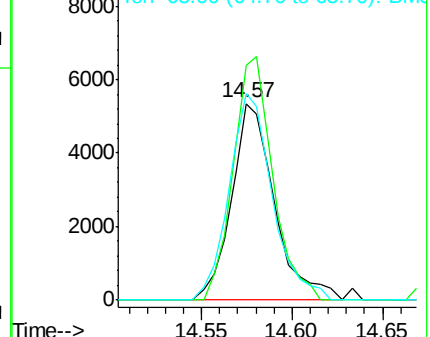
65 104.9 89.4 134.2

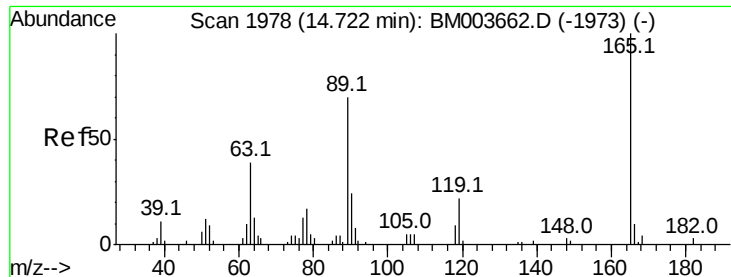


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





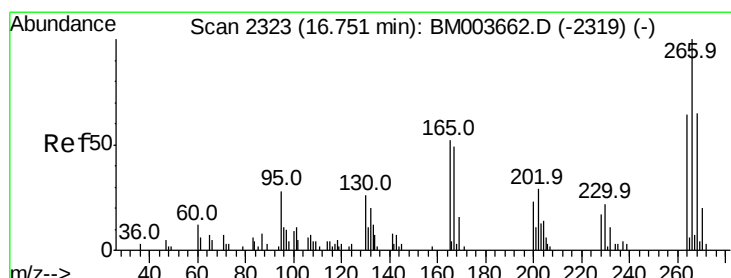
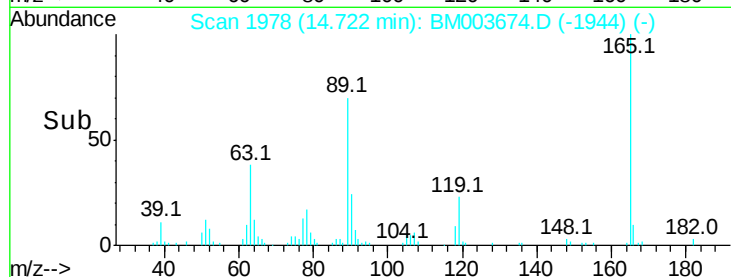
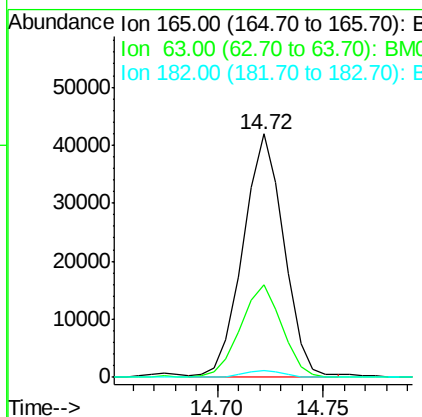
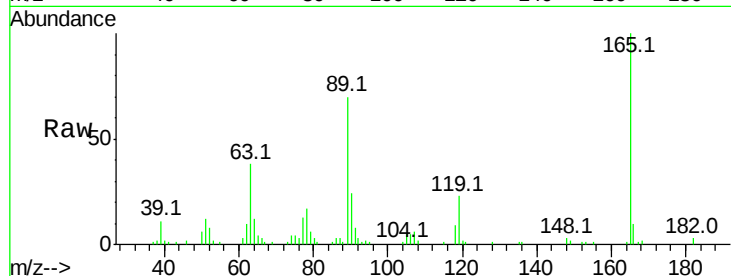
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 2,4-Dinitrotoluene
 Concen: 38.19 ng/ul
 RT: 14.72 min Scan# 1978
 Delta R.T. 0.00 min
 Lab File: BM003674.D
 Acq: 21 Dec 2015 03:00

Instrument :
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Tot Ion	Ratio	Lower	Upper
165	100		
63	37.9	29.8	44.6
182	2.7	2.2	3.4

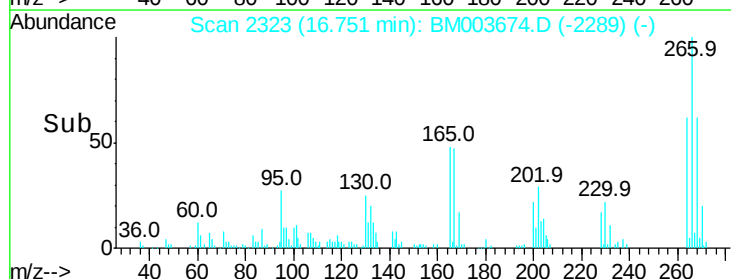
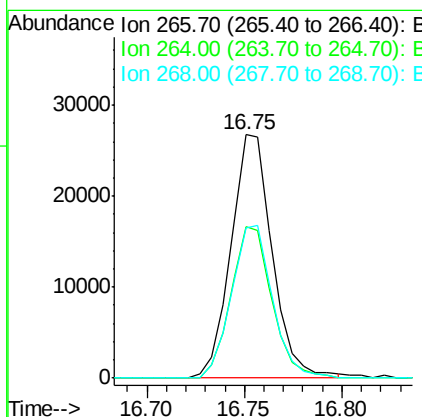
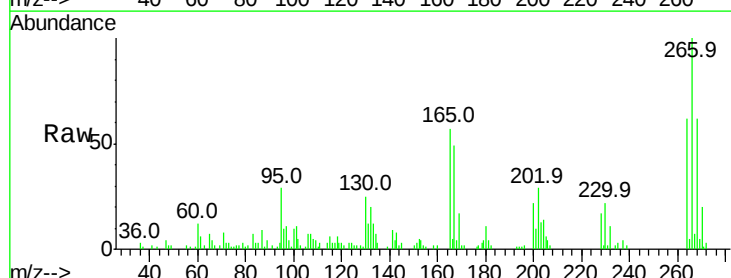
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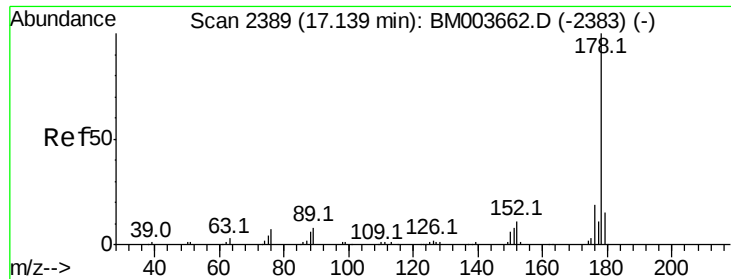
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#69
 Pentachlorophenol
 Concen: 40.56 ng/ul
 RT: 16.75 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BM003674.D
 Acq: 21 Dec 2015 03:00

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.5	75.7
268	61.9	50.9	76.3





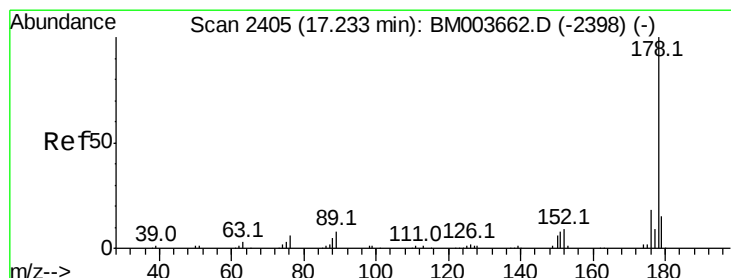
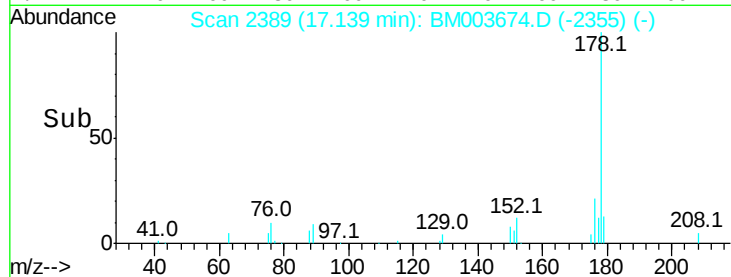
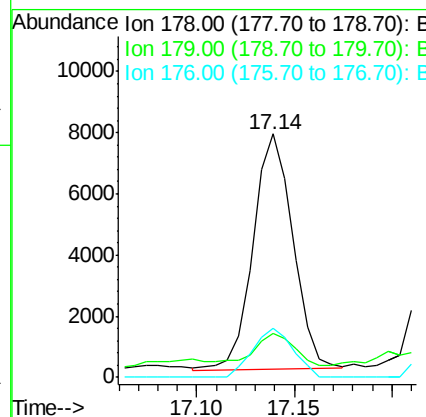
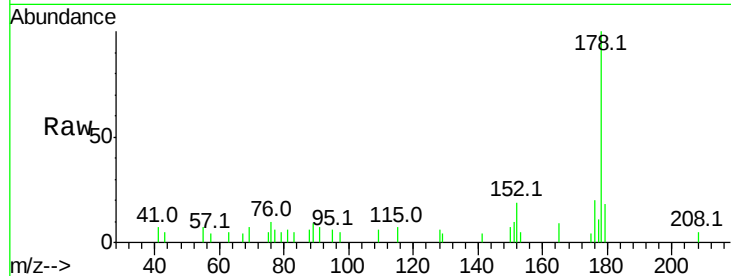
#70
Phenanthrene
Concen: 1.27 ng/ul
RT: 17.14 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampled :
G9DA5MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.2	18.4
176	19.9	15.6	23.4

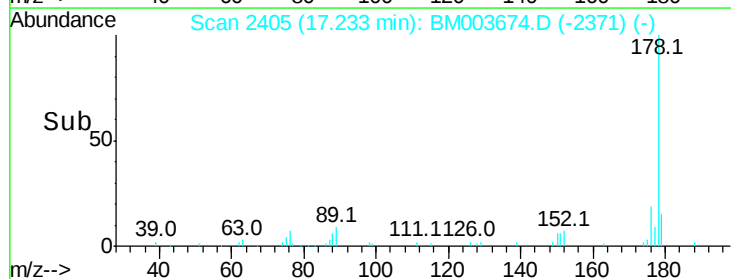
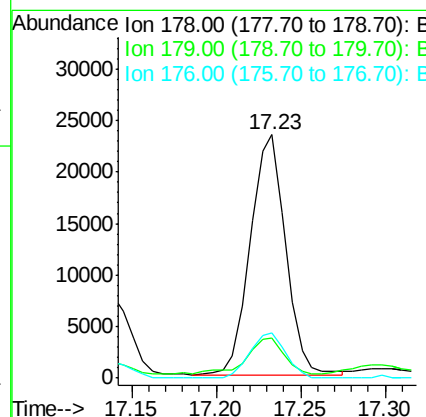
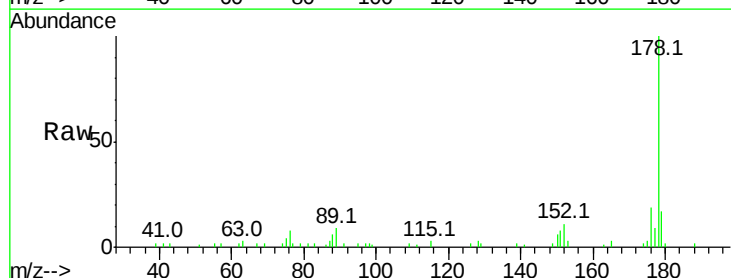
Manual Integrations
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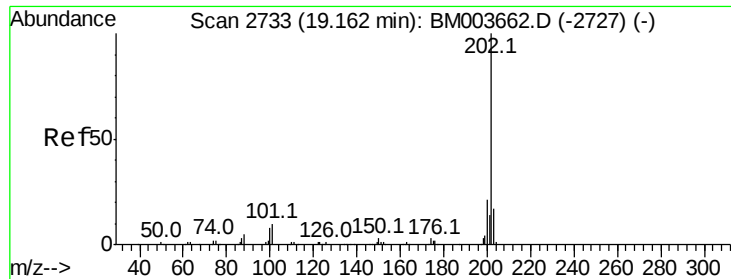
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#72
Anthracene
Concen: 3.88 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.1	18.1
176	18.7	14.8	22.2





#77

Fluoranthene

Concen: 5.57 ng/ul

RT: 19.16 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM003674.D

Acq: 21 Dec 2015 03:00

Instrument :

BNA_M

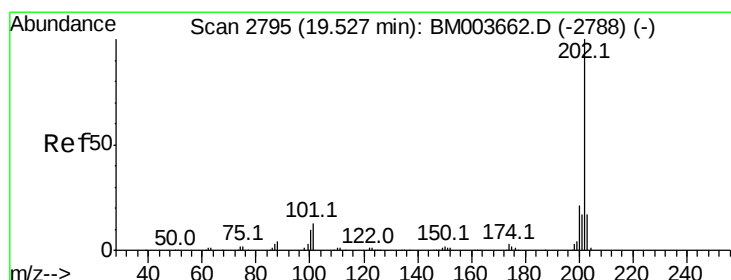
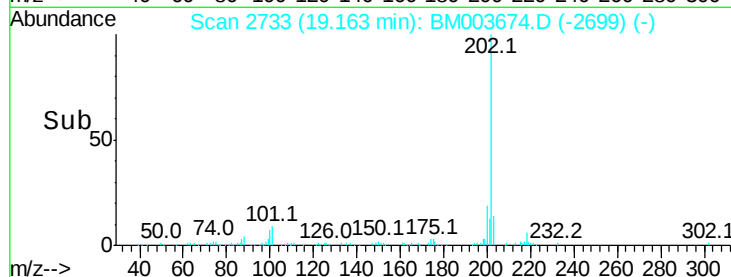
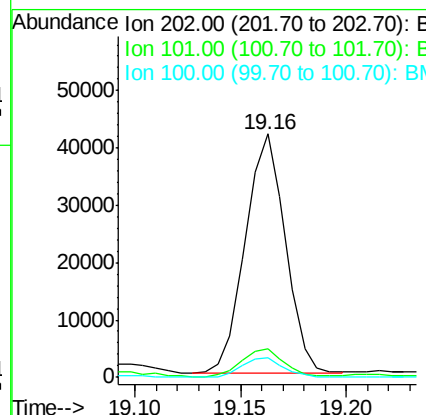
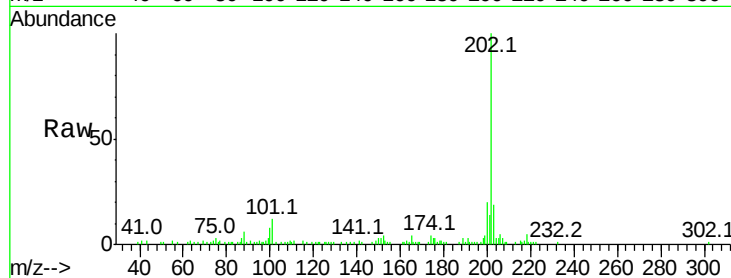
ClientSampleId :

G9DA5MS

Tot Ion:	202	Resp:	54800
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.8	13.2
100	8.3	6.6	9.8

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#80

Pyrene

Concen: 42.61 ng/ul

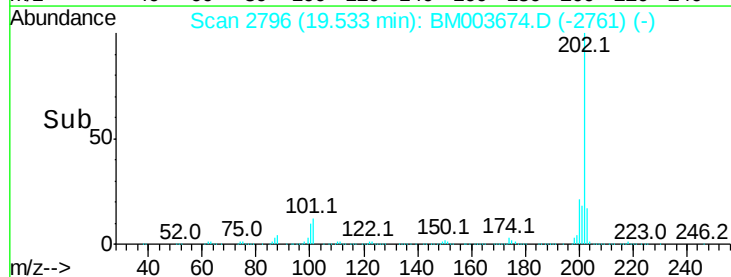
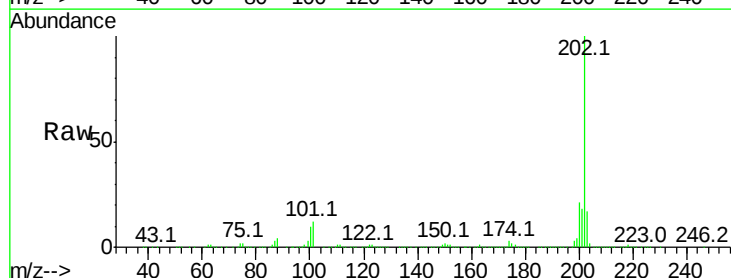
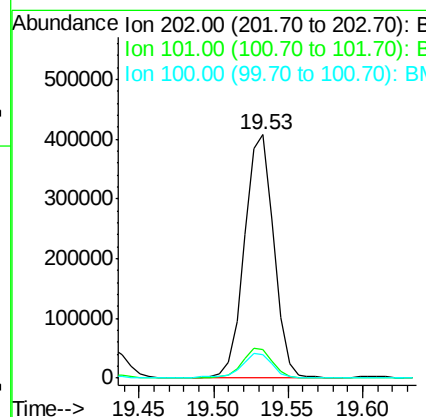
RT: 19.53 min Scan# 2796

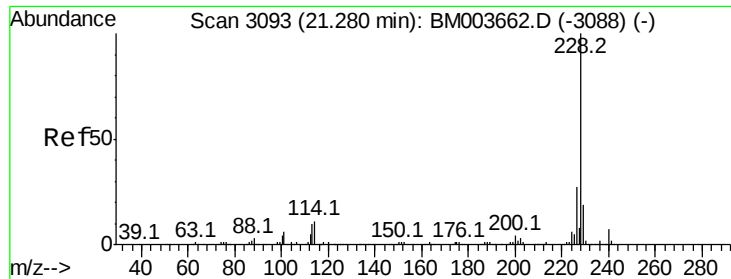
Delta R.T. 0.01 min

Lab File: BM003674.D

Acq: 21 Dec 2015 03:00

Tgt Ion:	202	Resp:	546679
Ion Ratio	Lower	Upper	
202	100		
101	11.9	10.2	15.2
100	9.7	8.5	12.7





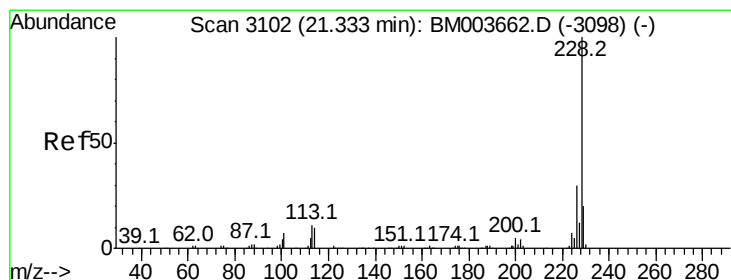
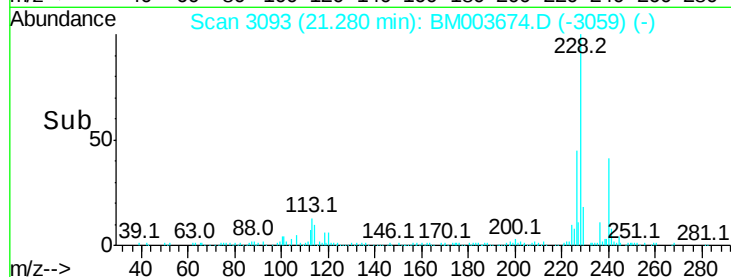
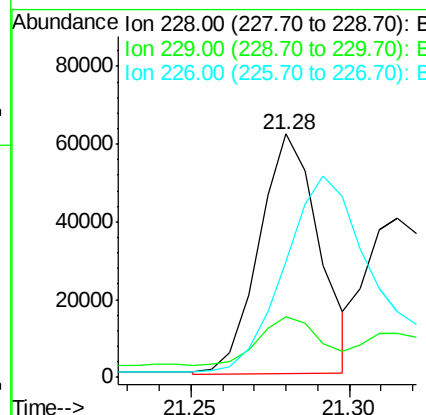
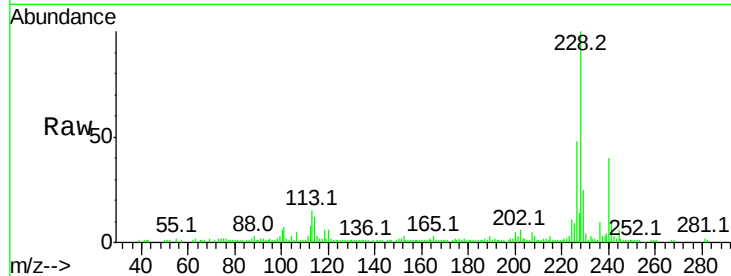
#83
Benzo(a)anthracene
Concen: 6.05 ng/ul
RT: 21.28 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.1	15.7	23.5#
226	47.6	21.8	32.6#

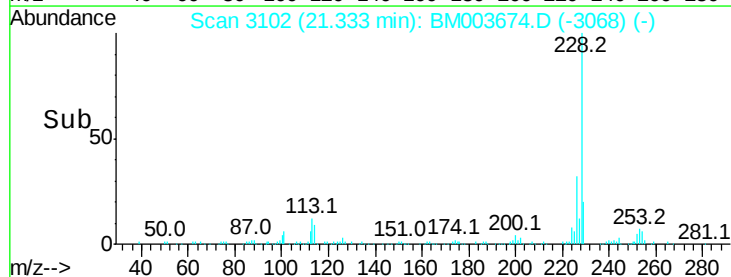
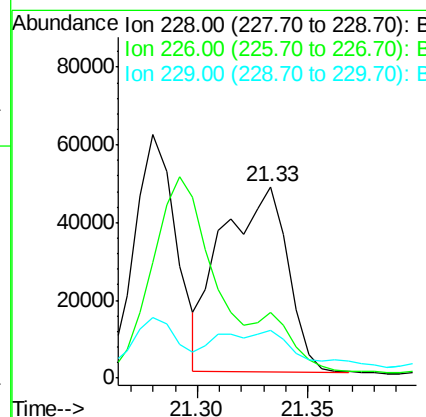
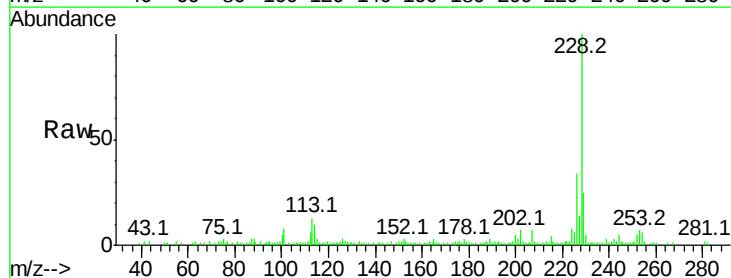
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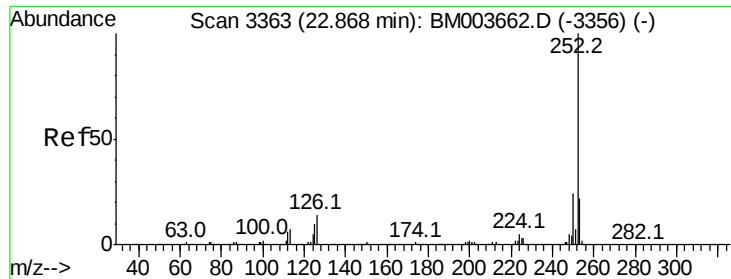
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#85
Chrysene
Concen: 7.60 ng/ul m
RT: 21.33 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.0	36.0
229	24.9	15.6	23.4#





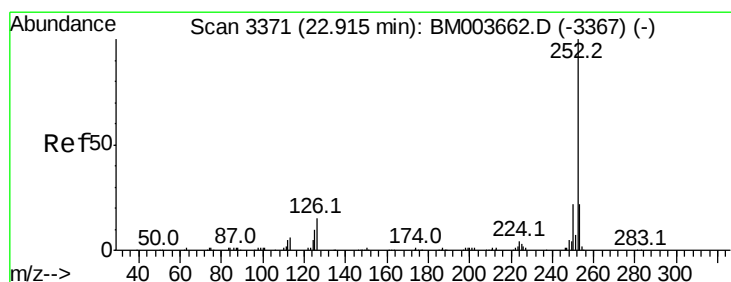
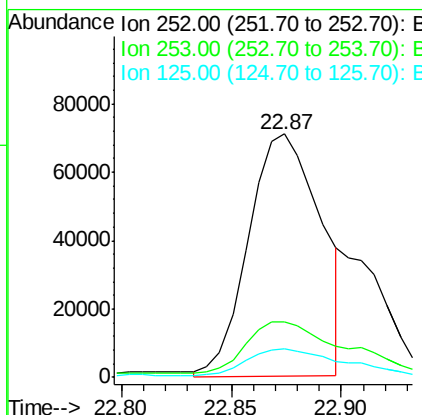
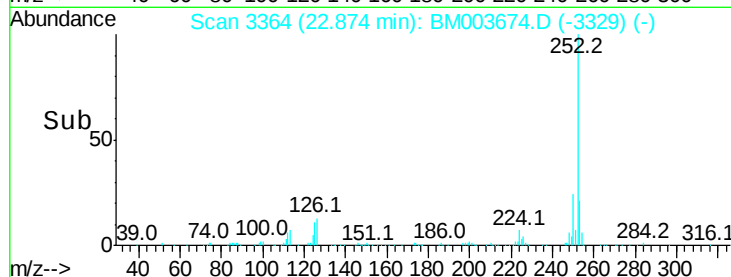
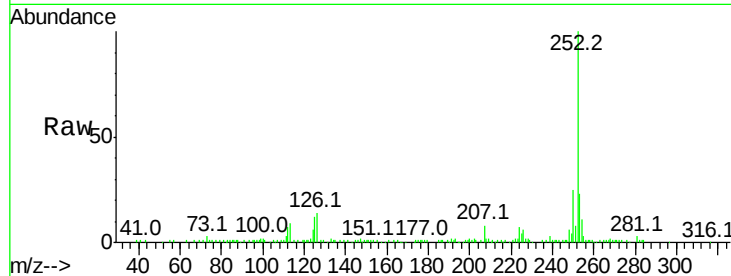
#88
Benzo(b)fluoranthene
Concen: 11.81 ng/ul m
RT: 22.87 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.7	8.5	12.7

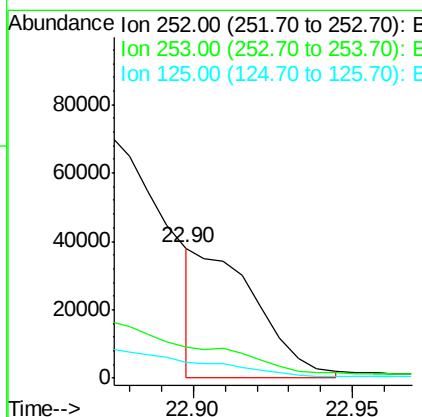
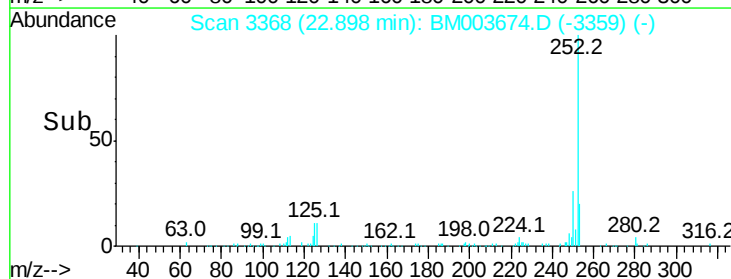
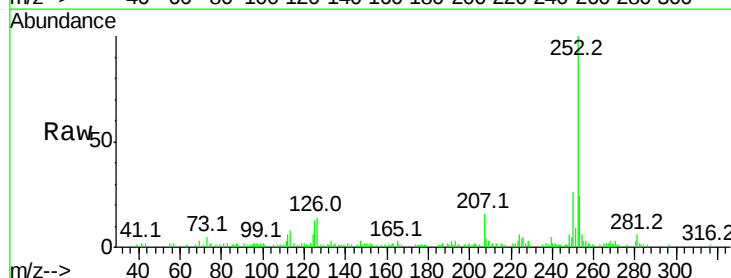
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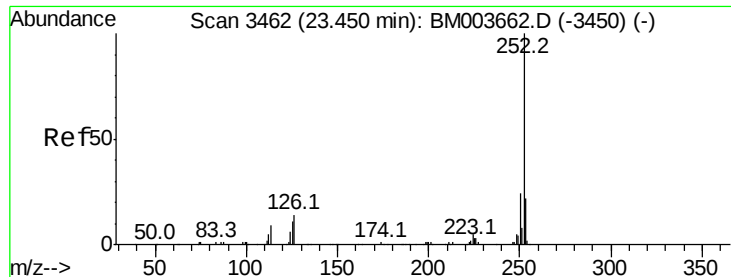
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#89
Benzo(k)fluoranthene
Concen: 3.80 ng/ul m
RT: 22.90 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	12.5	8.2	12.2#





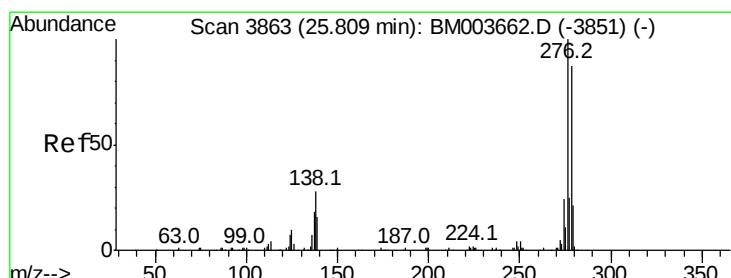
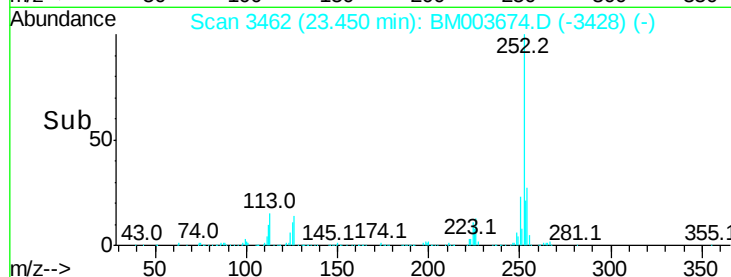
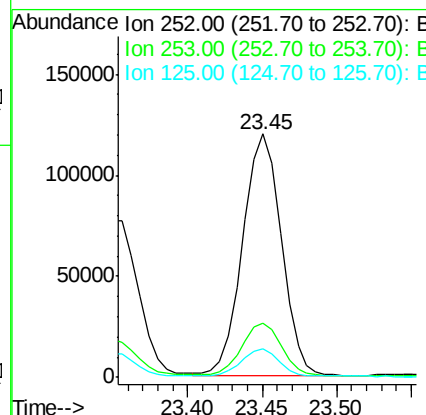
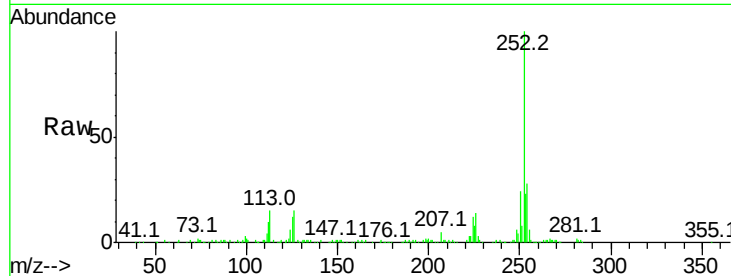
#91
Benzo(a)pyrene
Concen: 16.20 ng/ul
RT: 23.45 min Scan# 3462
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.6	9.0	13.6

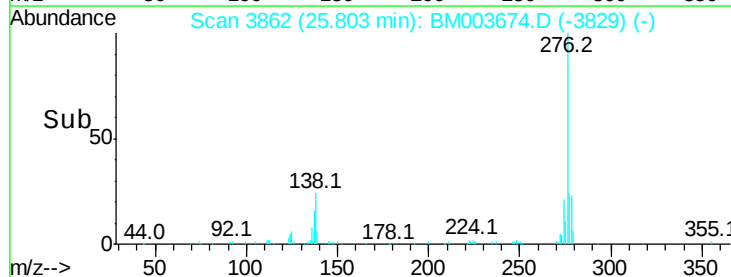
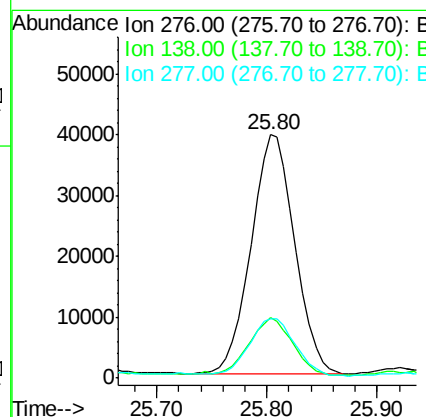
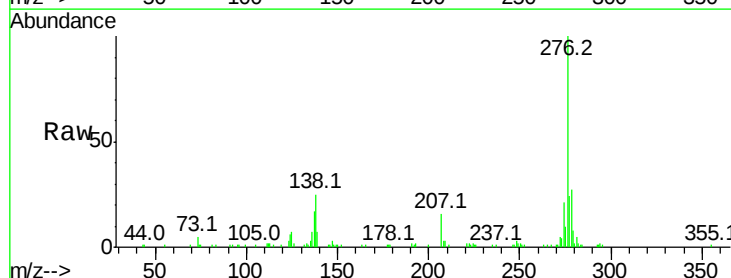
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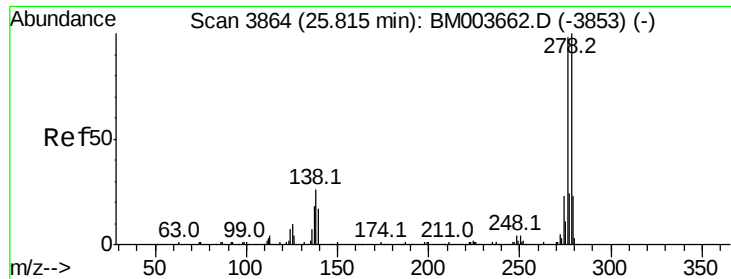
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#92
Indeno(1,2,3-cd)pyrene
Concen: 7.60 ng/ul
RT: 25.80 min Scan# 3862
Delta R.T. -0.01 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	22.3	33.5
277	24.5	20.2	30.2





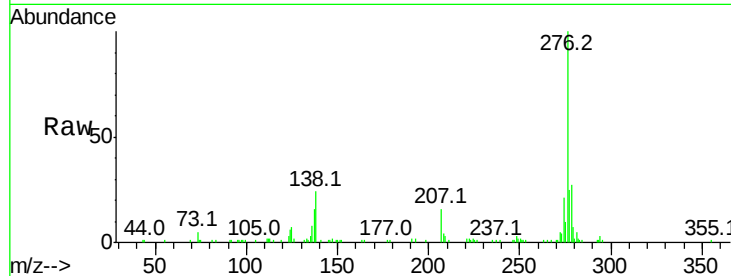
#93
Dibenzo(a,h)anthracene
Concen: 2.94 ng/ul
RT: 25.81 min Scan# 3863
Delta R.T. -0.01 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

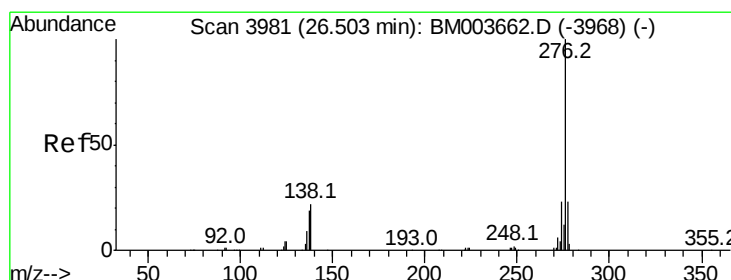
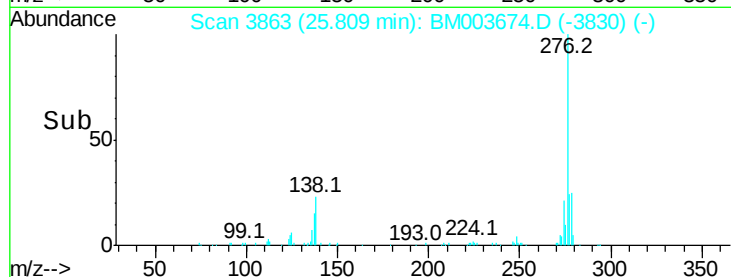
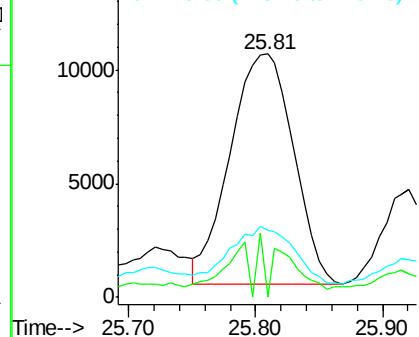
Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	27.5	19.0	28.4

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#94
Benzo(g,h,i)perylene
Concen: 10.97 ng/ul
RT: 26.50 min Scan# 3981
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.9	28.3
277	23.5	19.2	28.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

