

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
 Data File : BM008823.D
 Acq On : 24 Jan 2017 04:07
 Operator : UM/SJ
 Sample : I1323-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 DA9Q5

Manual Integrations
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Quant Time: Jan 24 10:34:23 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 04:28:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	70525	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	359159	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.57	164	289649	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	625180	20.00	ng/ul	0.01
75) Chrysene-d12	21.49	240	678919	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	593514	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	2727	1.91	ng/uL	0.00
5) Phenol-d5	7.10	99	42811	7.17	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.27	67	182866	38.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	110445	28.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	81668	17.46	ng/ul	0.01
19) Nitrobenzene-d5	9.10	128	83378	36.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	98542	35.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	183602	31.56	ng/ul	0.02
29) 4-Chloroaniline-d4	10.89	131	3204	0.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	729125	38.42	ng/ul	0.11
46) Acenaphthylene-d8	14.27	160	898818	40.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.82	143	22815m	7.19	ng/ul	0.06
57) Fluorene-d10	15.57	176	646524	35.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.43	188	1097101	40.13	ng/ul	0.02
76) Pyrene-d10	19.71	212	1205997	40.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1017633	40.49	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.13	94	26086	4.01	ng/ul#	39
14) Acetophenone	8.77	105	41777	4.87	ng/ul#	51
16) 4-Methylphenol	8.71	108	27518	5.47	ng/ul#	74
28) Naphthalene	10.81	128	24447714m	1474.39	ng/ul	
34) 2-Methylnaphthalene	12.41	142	4146343	307.99	ng/ul	97
39) 2,4,5-Trichlorophenol	13.08	196	3176735	550.74	ng/ul	99
40) 1,1'-Biphenyl	13.41	154	663229	37.05	ng/ul#	97
47) Acenaphthylene	14.30	152	98389	4.55	ng/ul#	83
49) Acenaphthene	14.64	153	809452	53.19	ng/ul	97
53) Dibenzofuran	14.97	168	1867872m	79.81	ng/ul	
55) 2,3,4,6-Tetrachlorophenol	15.20	232	452591	78.13	ng/ul#	92
58) Fluorene	15.62	166	592841	30.32	ng/ul	96
68) Pentachlorophenol	17.01	266	13395301	2771.74	ng/ul	97
69) Phenanthrene	17.38	178	2542959	82.58	ng/ul	98
71) Anthracene	17.46	178	298053m	9.46	ng/ul	
72) Carbazole	17.74	167	4048577	146.57	ng/ul	98
74) Fluoranthene	19.37	202	125337	3.13	ng/ul	97
77) Pyrene	19.73	202	56397	1.55	ng/ul#	96

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

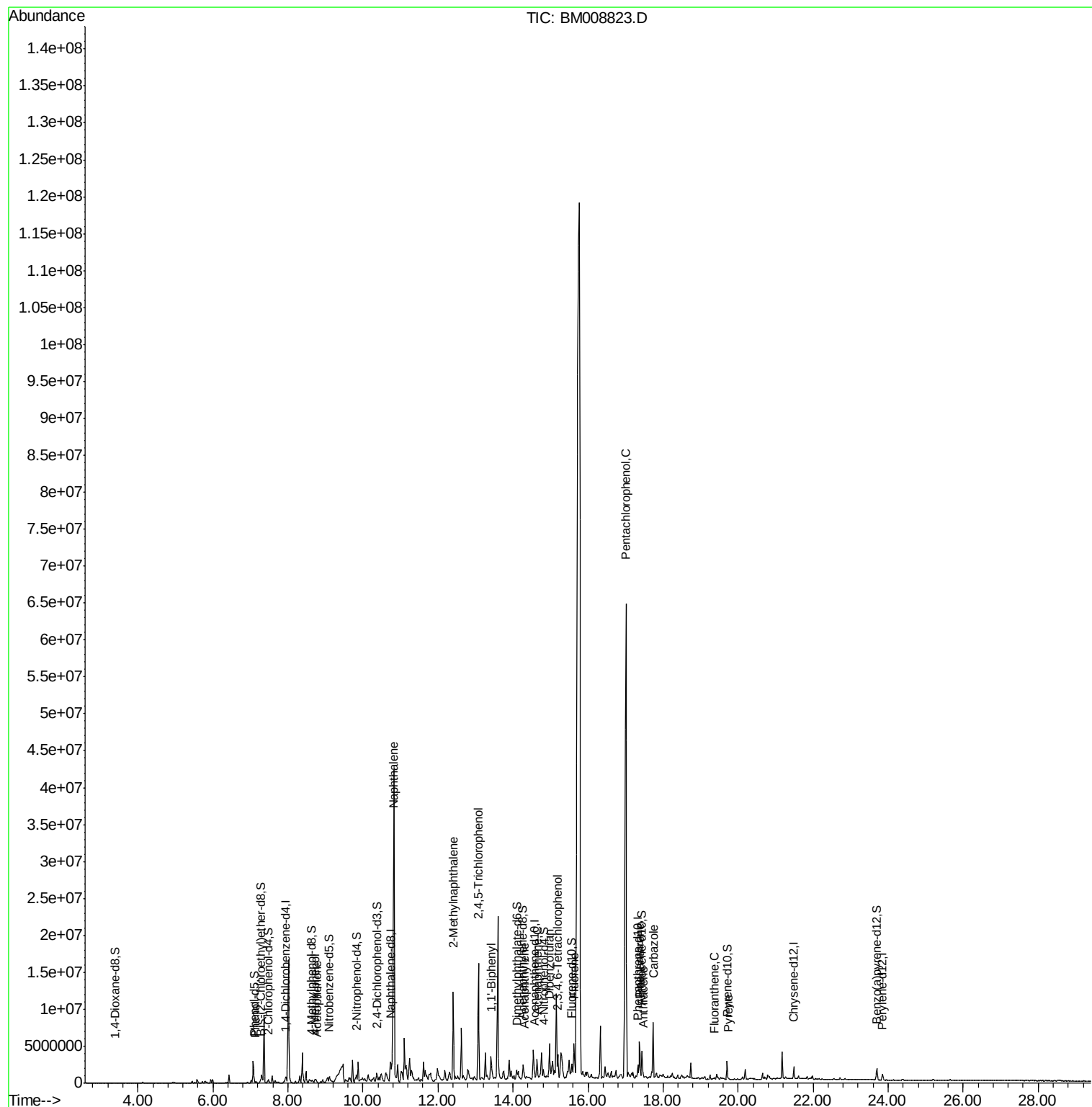
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008823.D
Acq On : 24 Jan 2017 04:07
Operator : UM/SJ
Sample : I1323-12
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ALS Vial : 23 Sample Multiplier: 1

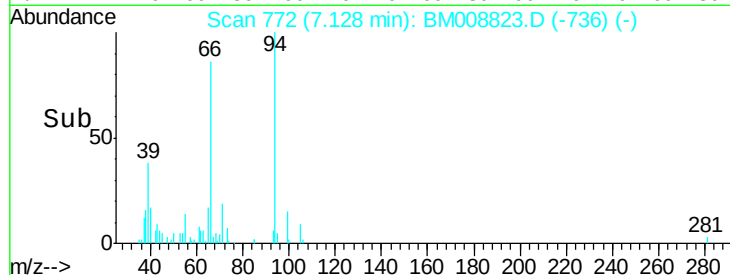
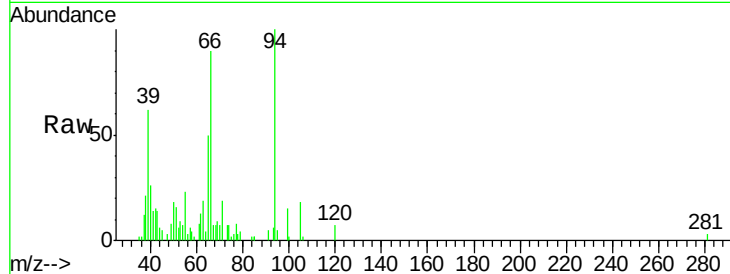
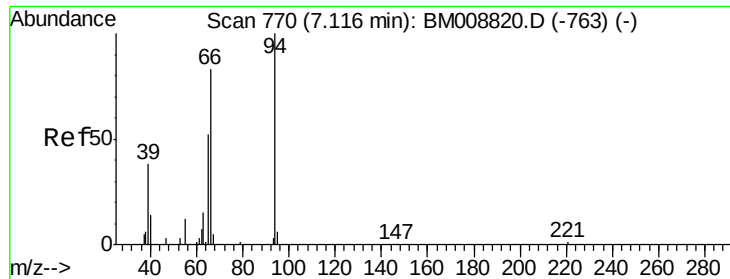
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:28:48 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.01 ng/ul

RT: 7.13 min Scan# 772

Delta R.T. 0.01 min

Lab File: BM008823.D

Acq: 24 Jan 2017 04:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	50.2	23.1	34.7#
66	90.2	33.7	50.5#

Instrument :

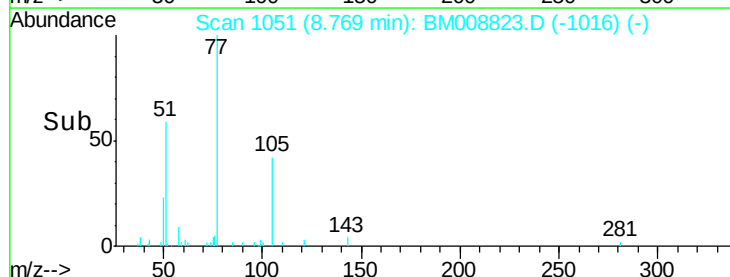
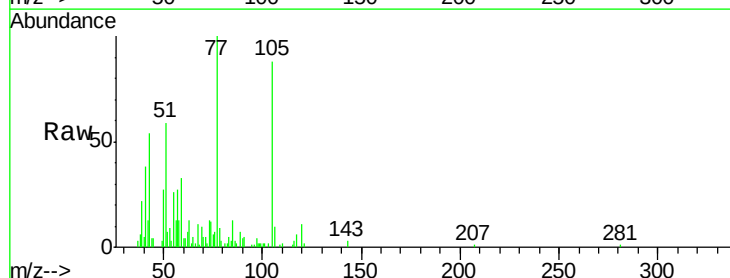
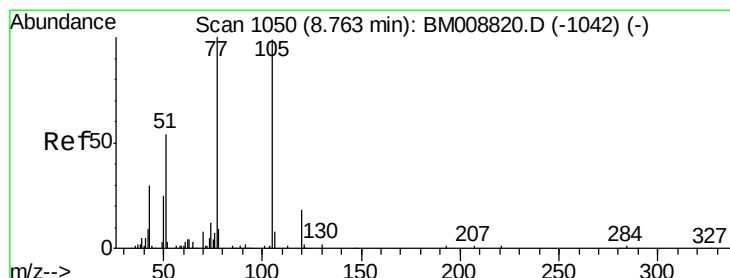
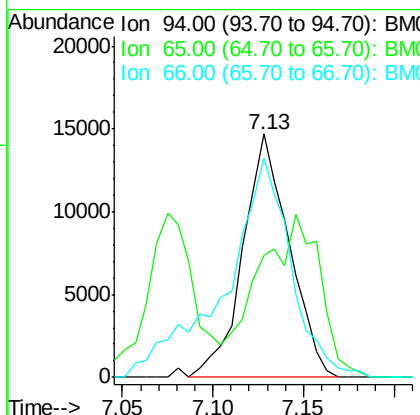
BNA_M

ClientSampleId :

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#14

Acetophenone

Concen: 4.87 ng/ul

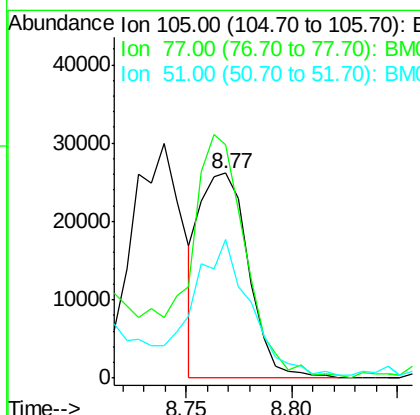
RT: 8.77 min Scan# 1051

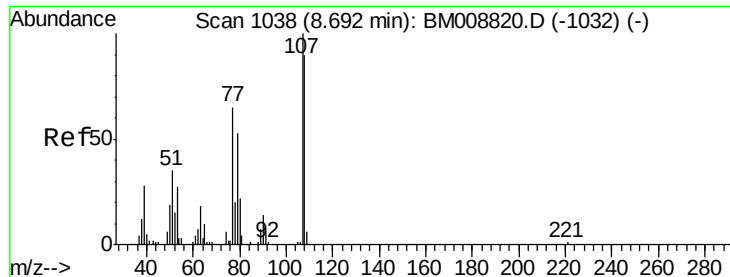
Delta R.T. 0.01 min

Lab File: BM008823.D

Acq: 24 Jan 2017 04:07

Tgt Ion	Ratio	Lower	Upper
105	100		
77	114.0	64.2	96.4#
51	67.7	19.8	29.6#





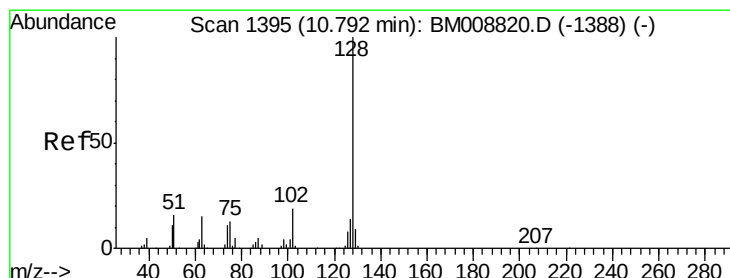
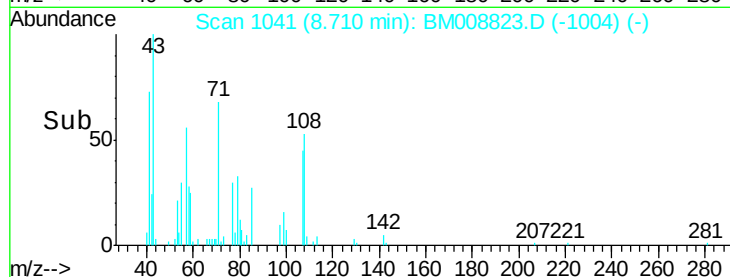
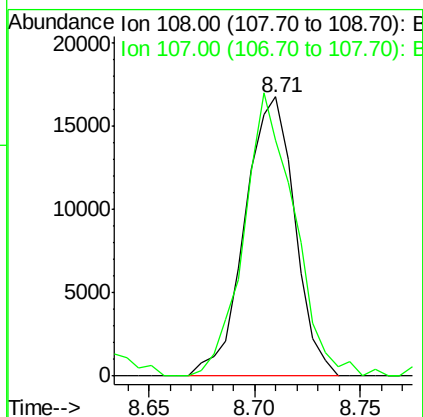
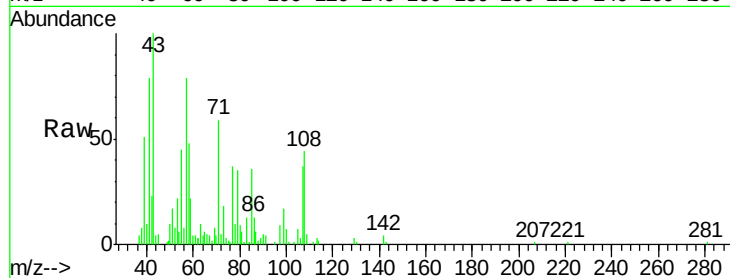
#16
4-Methylphenol
Concen: 5.47 ng/ul
RT: 8.71 min Scan# 1041
Delta R.T. 0.02 min
Lab File: BM008823.D
Acq: 24 Jan 2017 04:07

Instrument :
BNA_M
ClientSampleId :
DA9Q5

Tgt Ion:108 Resp: 27518
Ion Ratio Lower Upper
108 100
107 84.5 90.3 135.5#

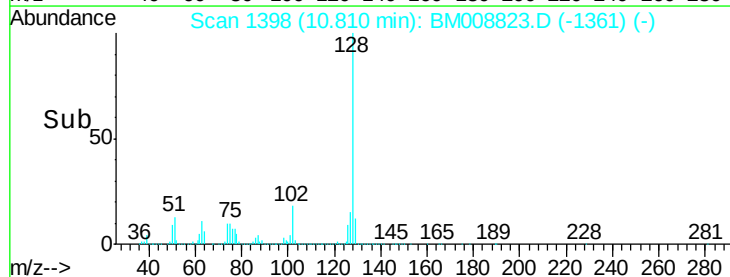
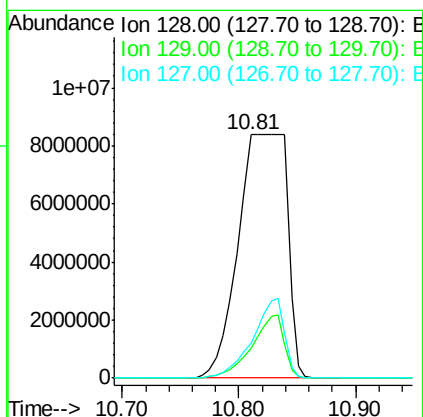
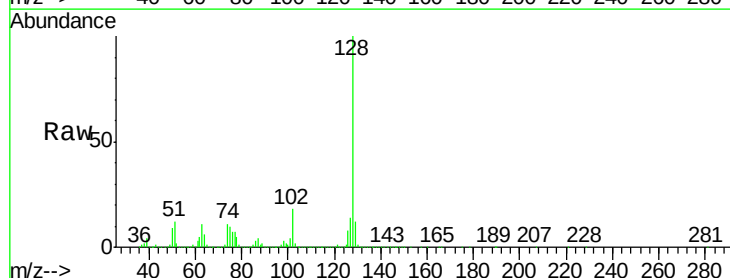
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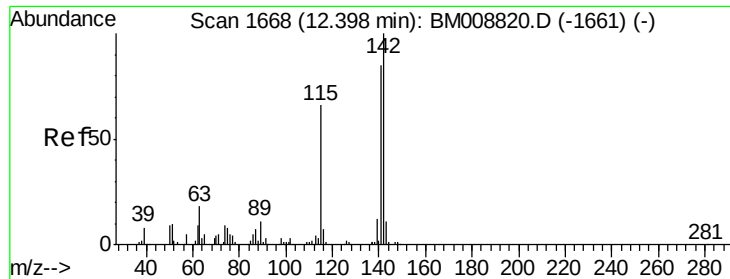
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#28
Naphthalene
Concen: 1474.39 ng/ul m
RT: 10.81 min Scan# 1398
Delta R.T. 0.02 min
Lab File: BM008823.D
Acq: 24 Jan 2017 04:07

Tgt Ion:128 Resp:24447714
Ion Ratio Lower Upper
128 100
129 12.3 8.3 12.5
127 14.4 10.6 16.0





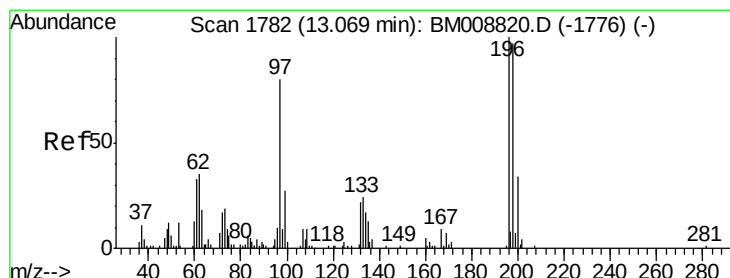
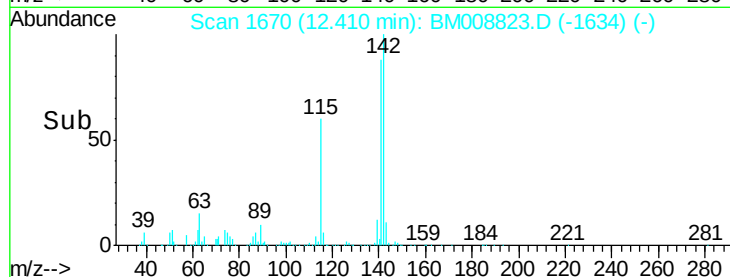
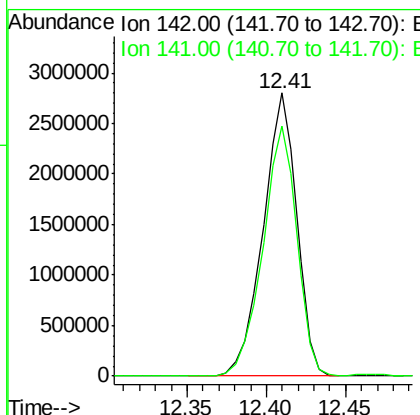
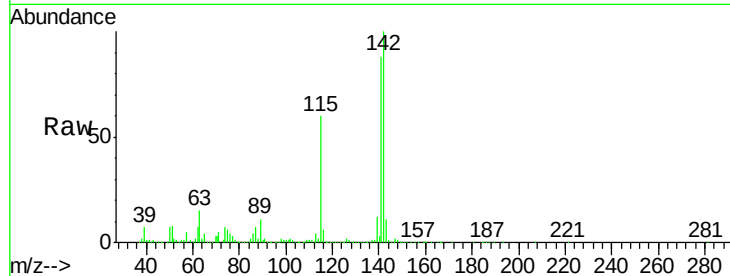
#34
 2-Methylnaphthalene
 Concen: 307.99 ng/ul
 RT: 12.41 min Scan# 1670
 Delta R.T. 0.01 min
 Lab File: BM008823.D
 Acq: 24 Jan 2017 04:07

Instrument :
 BNA_M
 ClientSampleId :
 DA9Q5

Tgt Ion:142 Resp: 4146343
 Ion Ratio Lower Upper
 142 100
 141 88.2 73.0 109.4

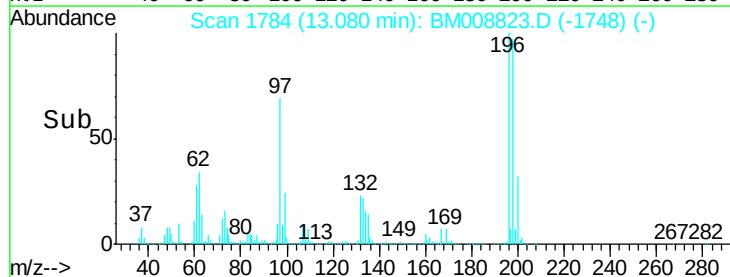
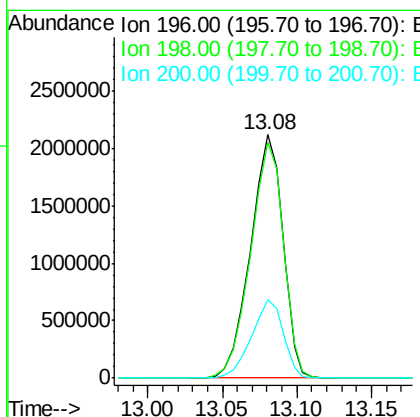
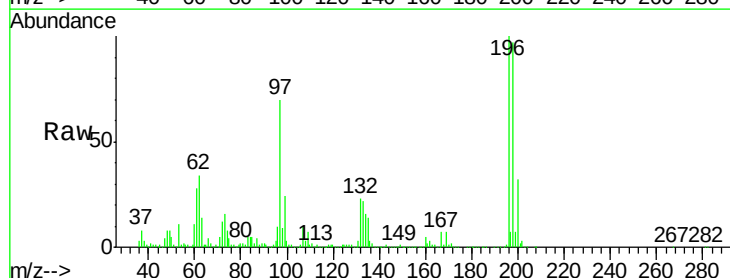
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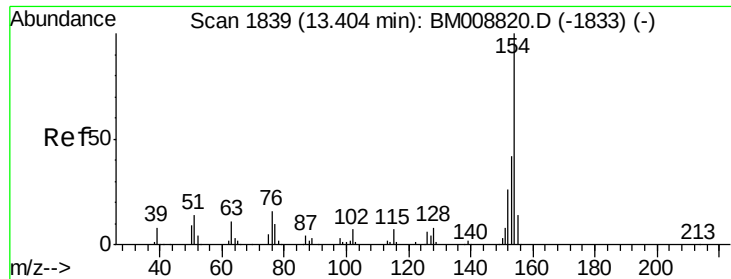
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#39
 2,4,5-Trichlorophenol
 Concen: 550.74 ng/ul
 RT: 13.08 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BM008823.D
 Acq: 24 Jan 2017 04:07

Tgt Ion:196 Resp: 3176735
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.8 116.6
 200 32.4 23.6 35.4





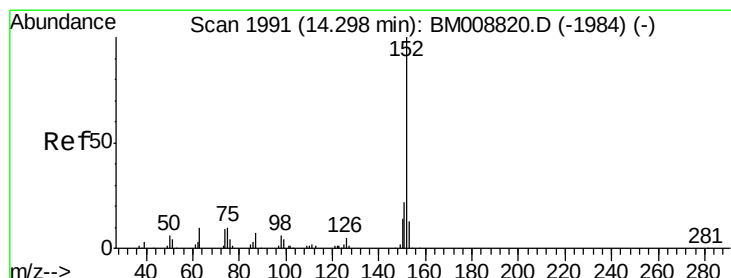
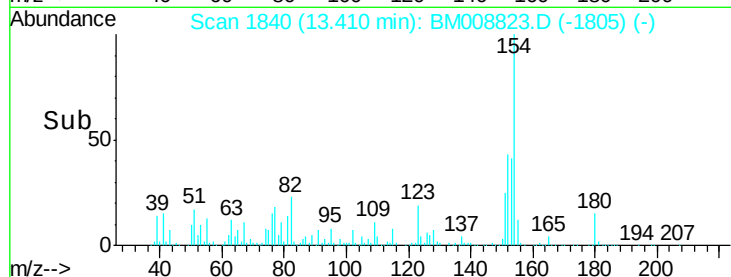
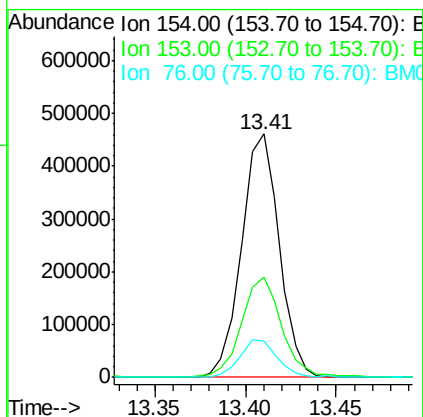
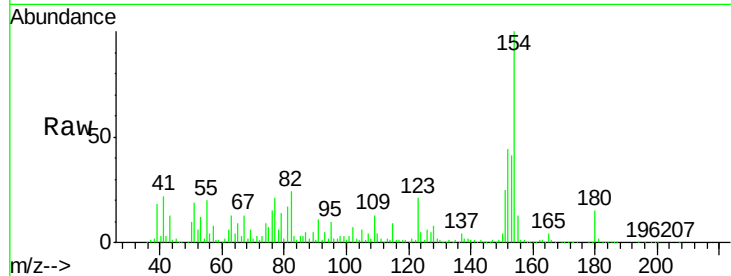
#40
 1,1'-Biphenyl
 Concen: 37.05 ng/ul
 RT: 13.41 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BM008823.D
 Acq: 24 Jan 2017 04:07

Instrument :
 BNA_M
 ClientSampleId :
 DA9Q5

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	32.2	48.4
76	15.0	9.8	14.6

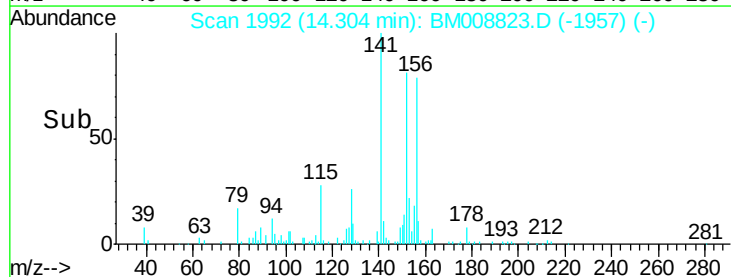
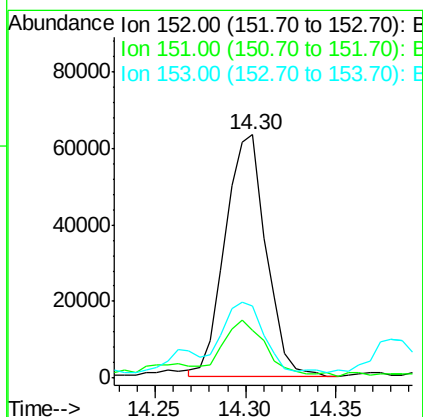
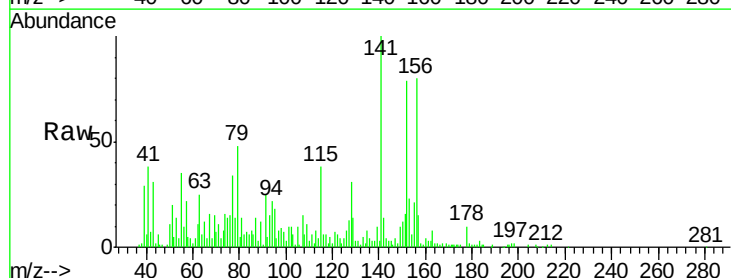
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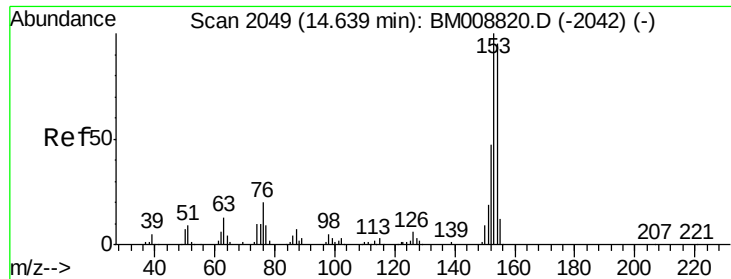
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#47
 Acenaphthylene
 Concen: 4.55 ng/ul
 RT: 14.30 min Scan# 1992
 Delta R.T. 0.01 min
 Lab File: BM008823.D
 Acq: 24 Jan 2017 04:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	29.4	10.4	15.6





#49

Acenaphthene

Concen: 53.19 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM008823.D

Acq: 24 Jan 2017 04:07

Instrument :

BNA_M

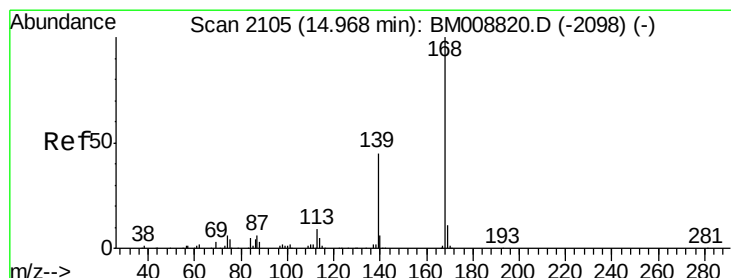
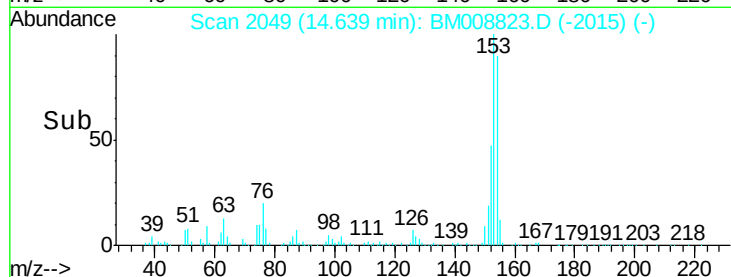
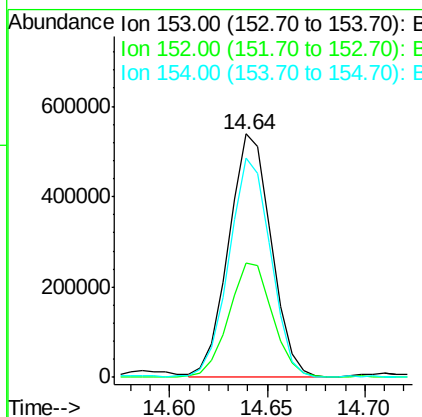
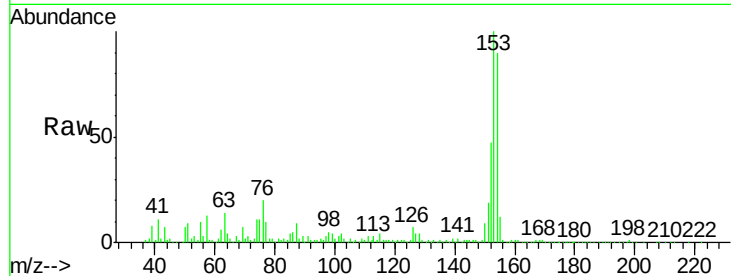
ClientSampleId :

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Tgt Ion:	153	Resp:	809452
Ion Ratio		Lower	Upper
153	100		
152	46.7	36.4	54.6
154	89.8	68.7	103.1

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#53

Dibenzofuran

Concen: 79.81 ng/ul m

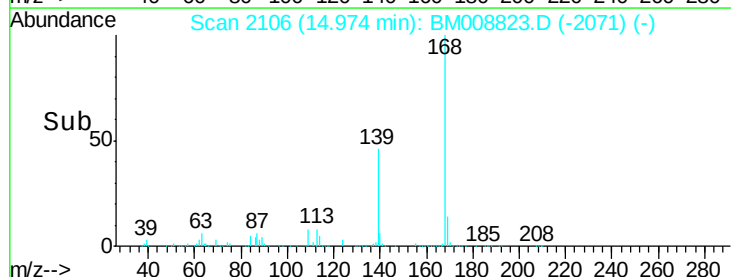
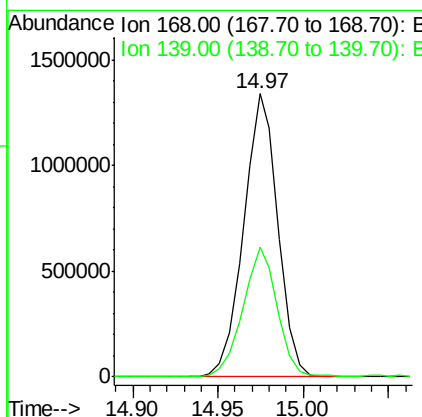
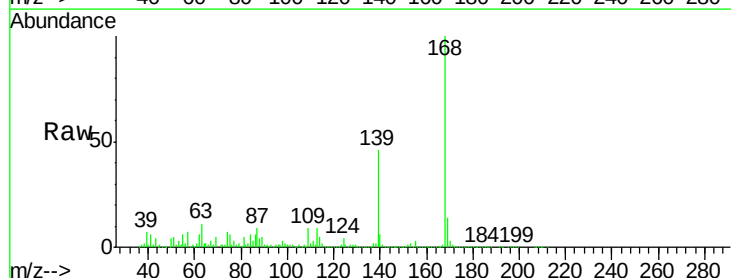
RT: 14.97 min Scan# 2106

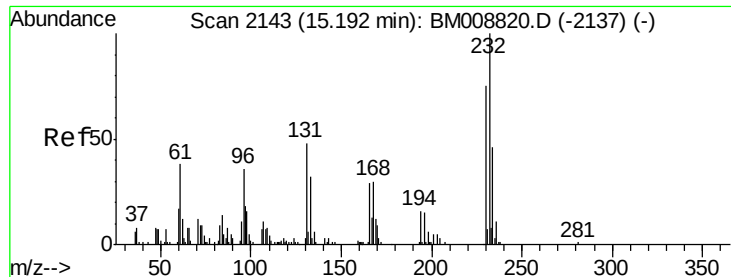
Delta R.T. 0.01 min

Lab File: BM008823.D

Acq: 24 Jan 2017 04:07

Tgt Ion:	168	Resp:	1867872
Ion Ratio		Lower	Upper
168	100		
139	46.0	30.3	45.5#





#55

2,3,4,6-Tetrachlorophenol

Concen: 78.13 ng/ul

RT: 15.20 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BM008823.D

Acq: 24 Jan 2017 04:07

Instrument :

BNA_M

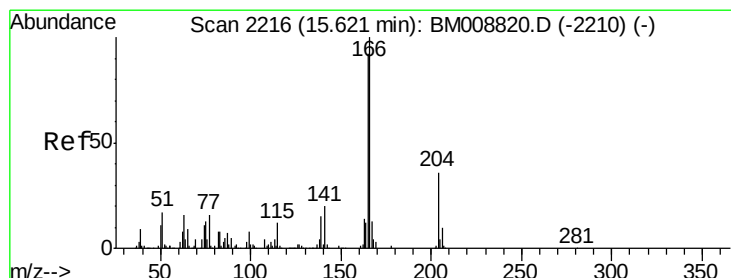
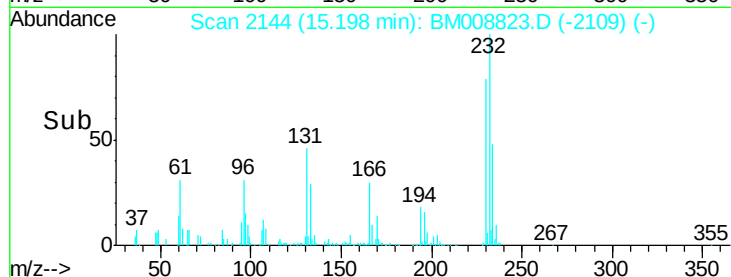
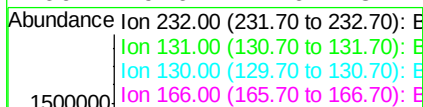
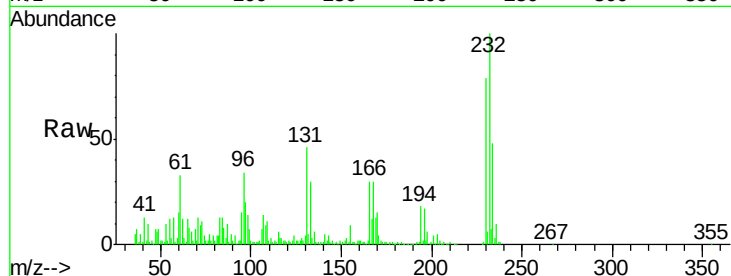
ClientSampleId :

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Tgt Ion:	232	Resp:	452591
Ion Ratio	Lower	Upper	
232	100		
131	45.8	31.8	47.8
130	4.2	1.8	2.6
166	29.6	21.6	32.4

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#58

Fluorene

Concen: 30.32 ng/ul

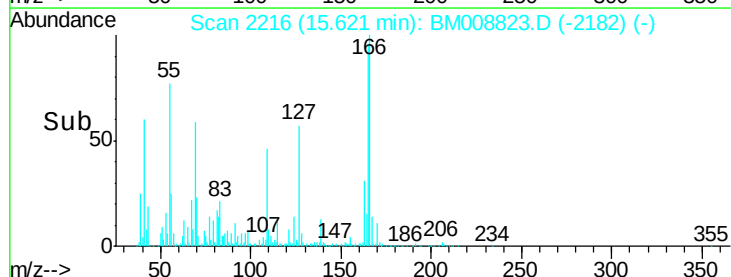
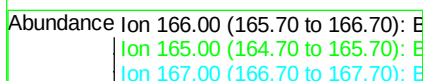
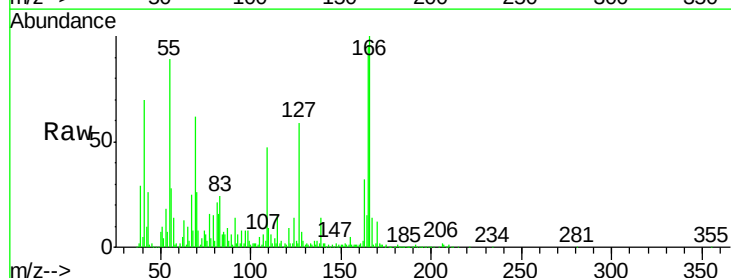
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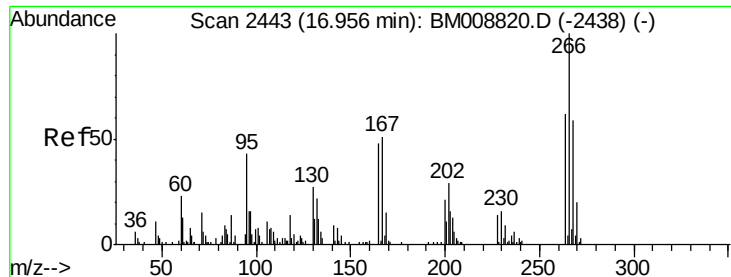
Delta R.T. 0.00 min

Lab File: BM008823.D

Acq: 24 Jan 2017 04:07

Tgt Ion:	166	Resp:	592841
Ion Ratio	Lower	Upper	
166	100		
165	96.0	80.2	120.2
167	14.5	10.9	16.3





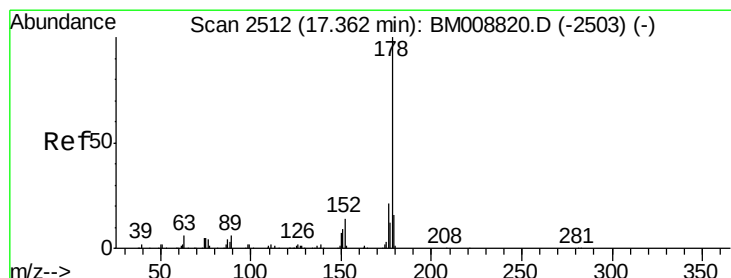
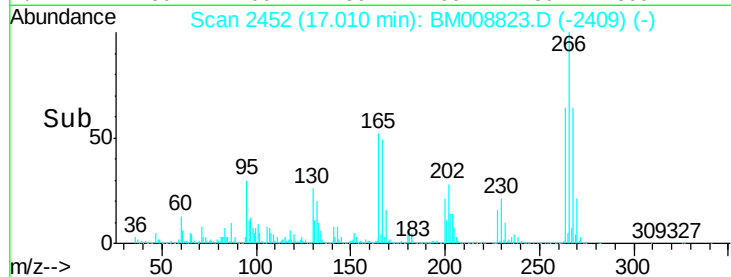
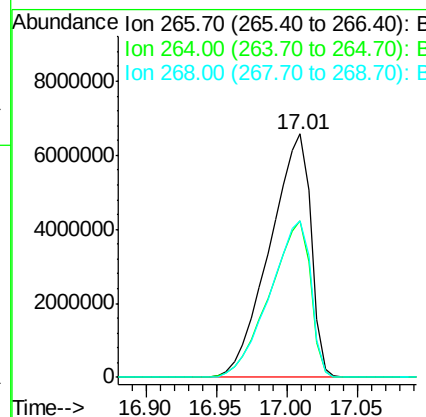
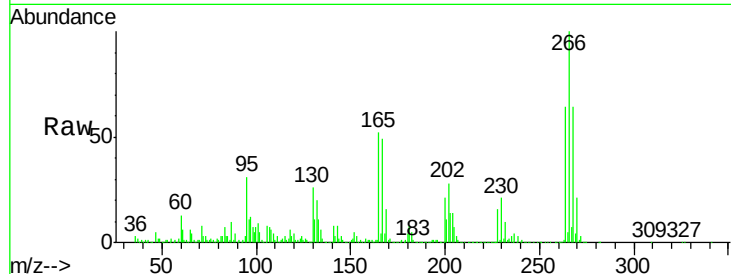
#68
 Pentachlorophenol
 Concen: 2771.74 ng/ul
 RT: 17.01 min Scan# 2452
 Delta R.T. 0.05 min
 Lab File: BM008823.D
 Acq: 24 Jan 2017 04:07

Instrument :
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Tgt Ion:266 Resp:13395301
 Ion Ratio Lower Upper
 266 100
 264 64.4 50.6 75.8
 268 64.4 49.1 73.7

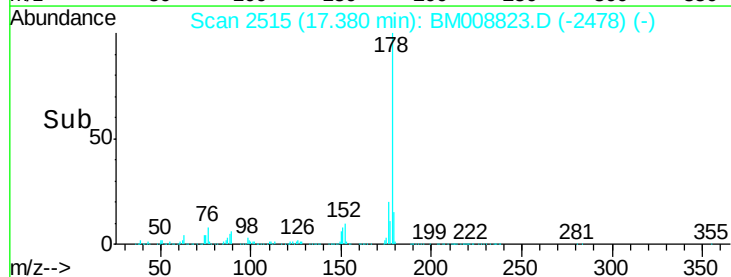
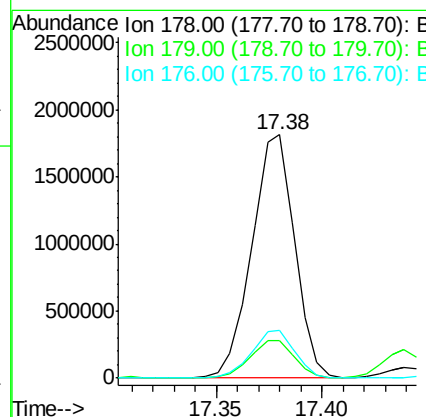
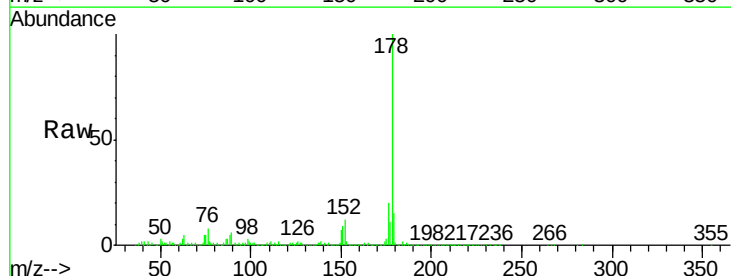
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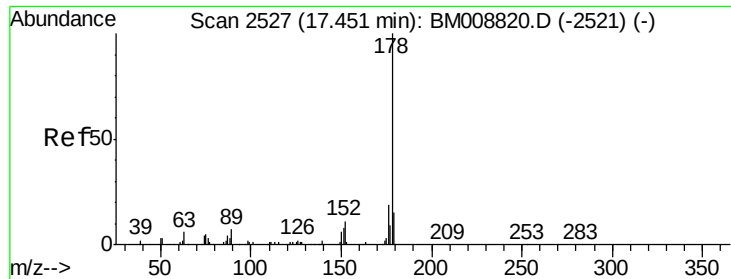
mohammad
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#69
 Phenanthrene
 Concen: 82.58 ng/ul
 RT: 17.38 min Scan# 2515
 Delta R.T. 0.02 min
 Lab File: BM008823.D
 Acq: 24 Jan 2017 04:07

Tgt Ion:178 Resp: 2542959
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.2 18.2
 176 19.8 14.7 22.1





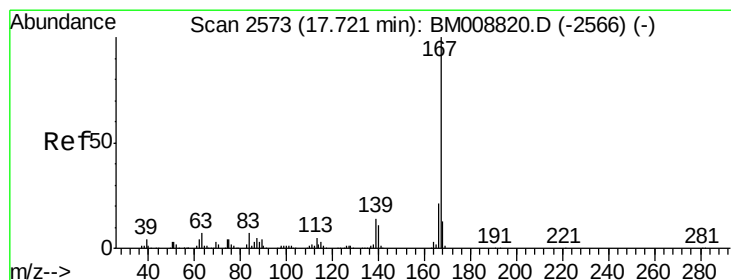
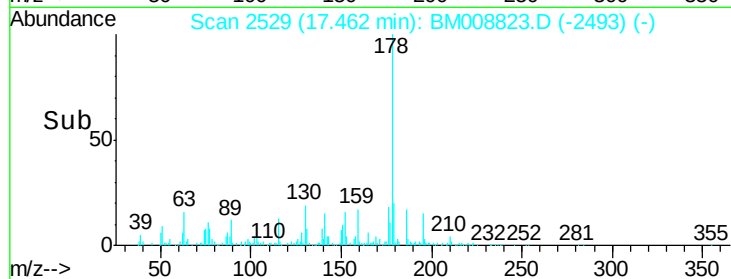
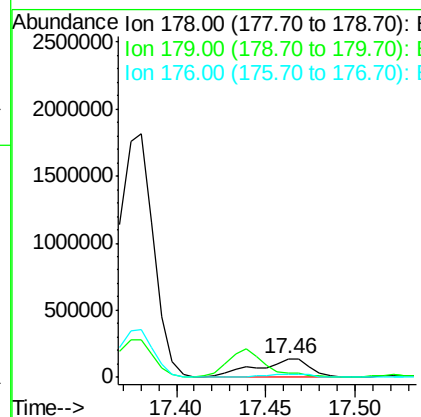
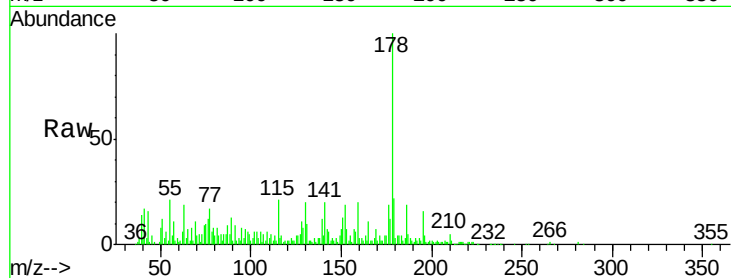
#71
 Anthracene
 Concen: 9.46 ng/ul m
 RT: 17.46 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BM008823.D
 Acq: 24 Jan 2017 04:07

Instrument :
 BNA_M
 ClientSampleId :
 DA9Q5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.6	11.8	17.8#
176	19.3	14.6	21.8

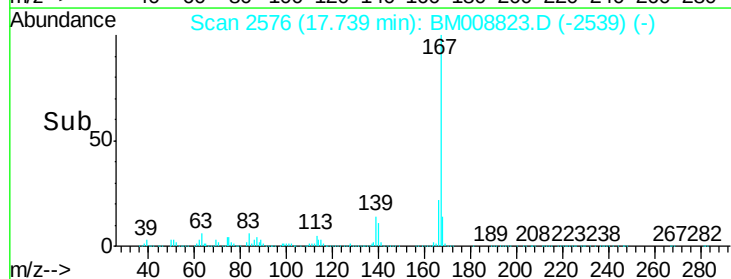
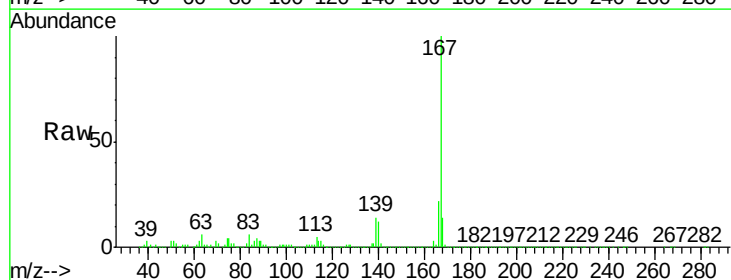
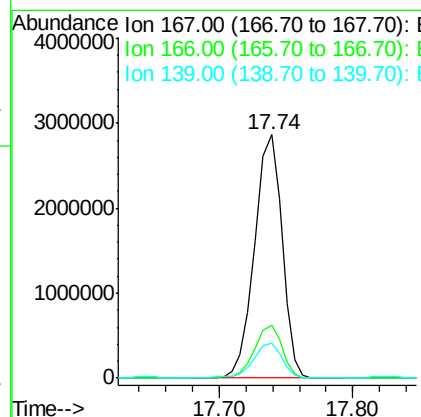
Manual Integrations
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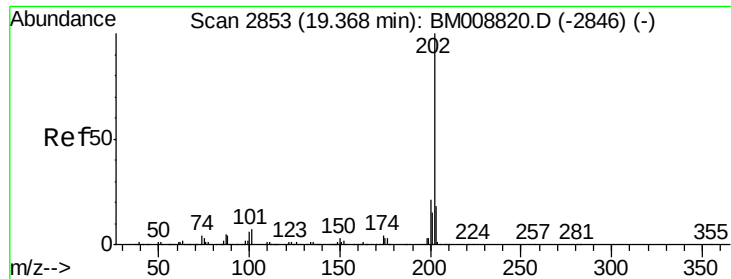
mohammad
 1/24/2017 5:17:47 PM



#72
 Carbazole
 Concen: 146.57 ng/ul
 RT: 17.74 min Scan# 2576
 Delta R.T. 0.02 min
 Lab File: BM008823.D
 Acq: 24 Jan 2017 04:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.8	25.2
139	14.3	10.4	15.6





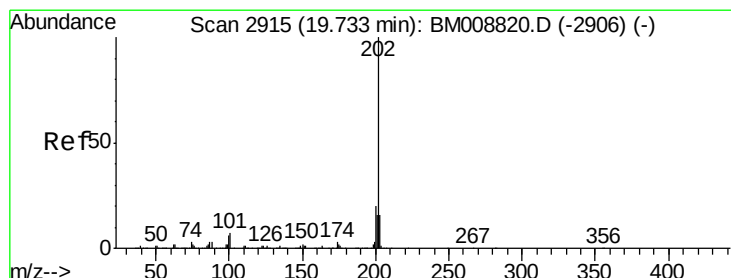
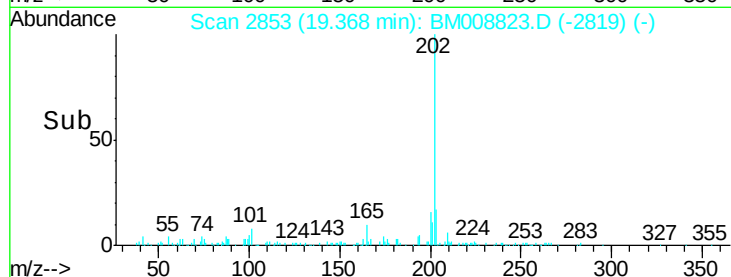
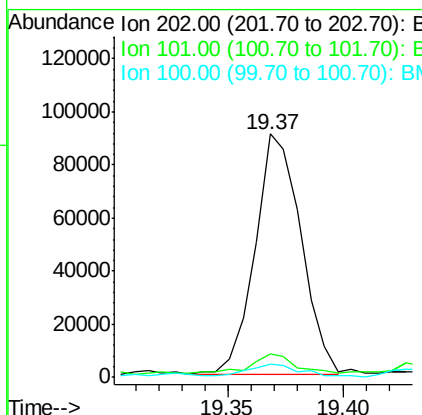
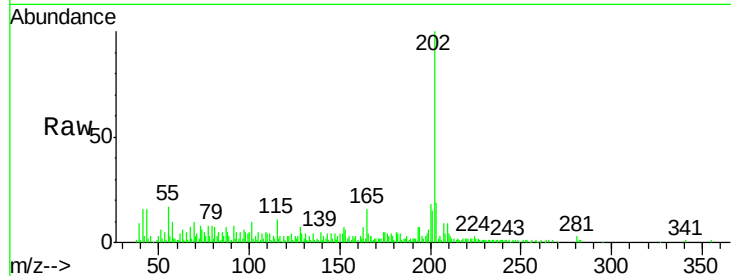
#74
Fluoranthene
Concen: 3.13 ng/ul
RT: 19.37 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BM008823.D
Acq: 24 Jan 2017 04:07

Instrument :
BNA_M
ClientSampleId :
DA9Q5

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	125337		
101	9.6	7.1	10.7	
100	5.5	5.4	8.0	

Manual Integrations
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1/24/2017 5:17:47 PM



#77
Pyrene
Concen: 1.55 ng/ul
RT: 19.73 min Scan# 2915
Delta R.T. 0.00 min
Lab File: BM008823.D
Acq: 24 Jan 2017 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	56397		
101	9.7	8.6	12.8	
100	10.2	6.5	9.7#	

