

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
 Data File : BM002816.D
 Acq On : 01 Oct 2015 22:39
 Operator : UM/IZ
 Sample : G3831-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AP3

Quant Time: Oct 02 05:58:37 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 05:57:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	57168	20.00	ng/ul	0.04
18) Naphthalene-d8	11.56	136	291676	20.00	ng/ul	0.02
36) Acenaphthene-d10	15.28	164	145673	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.99	188	297391	20.00	ng/ul	0.00
78) Chrysene-d12	22.08	240	321404	20.00	ng/ul	0.00
86) Perylene-d12	24.66	264	326177	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.76	96	2005	1.63	ng/uL	0.00
5) Phenol-d5	7.81	99	37921	8.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	91653	37.61	ng/ul	0.00
9) 2-Chlorophenol-d4	8.21	132	124278	30.82	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	72475	20.29	ng/ul	0.01
19) Nitrobenzene-d5	9.90	128	71654	32.21	ng/ul	0.02
22) 2-Nitrophenol-d4	10.62	143	76211	32.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	120477	29.37	ng/ul	0.01
29) 4-Chloroaniline-d4	11.68	131	10936	2.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.66	166	371470	33.90	ng/ul	0.00
47) Acenaphthylene-d8	14.99	160	483459	33.06	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	11532	5.93	ng/ul	0.00
58) Fluorene-d10	16.26	176	319740	32.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.38	200	40919	28.21	ng/ul	0.00
71) Anthracene-d10	18.09	188	481707	33.94	ng/ul	0.00
79) Pyrene-d10	20.32	212	503647	33.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.50	264	570216	34.17	ng/ul	0.00

Target Compounds

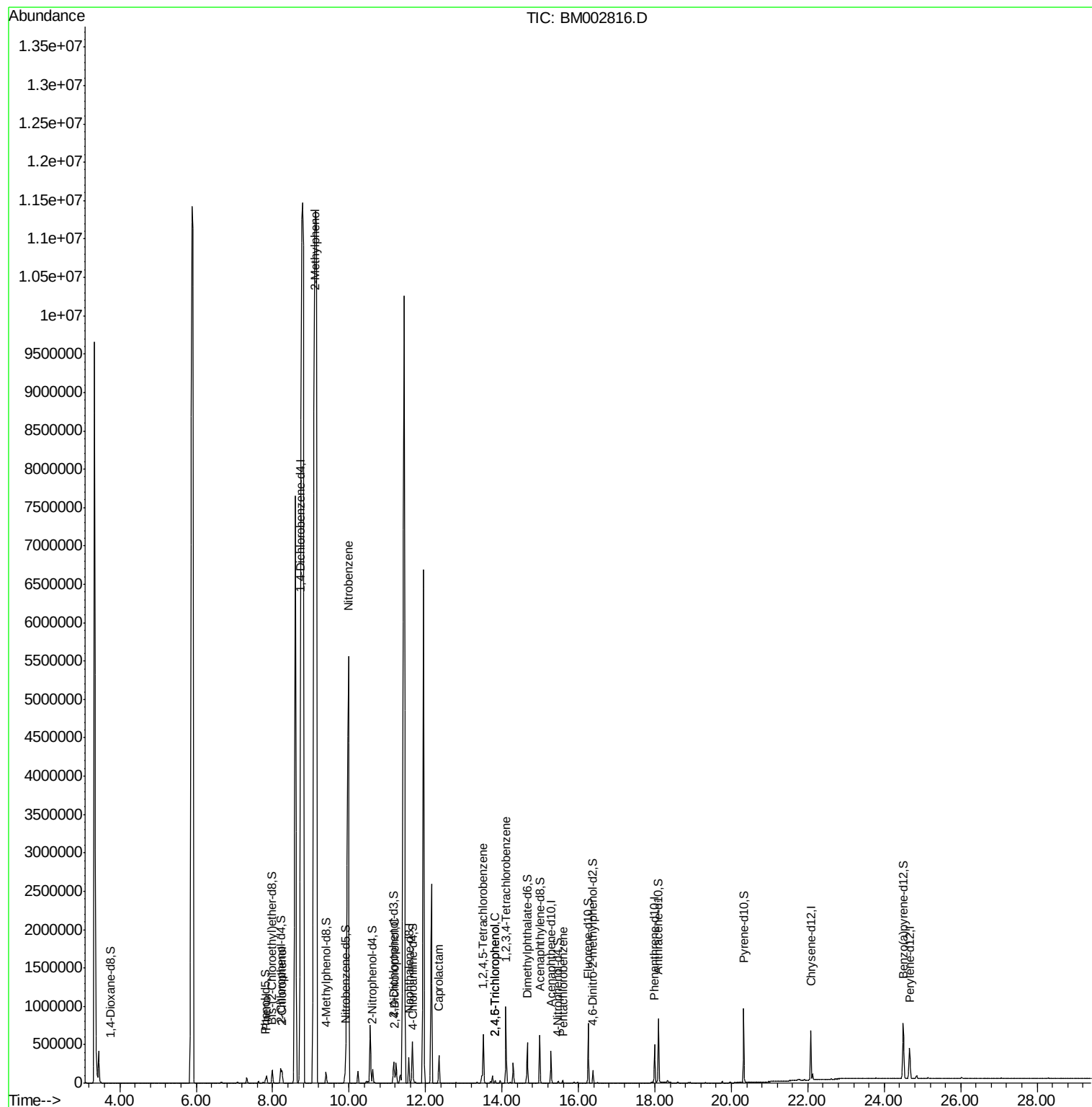
						Qvalue
6) Phenol	7.84	94	68378	15.27	ng/ul	98
10) 2-Chlorophenol	8.25	128	103755	25.36	ng/ul	99
11) 2-Methylphenol	9.13	108	96665	27.97	ng/ul	99
20) Nitrobenzene	9.98	77	5139177	1166.94	ng/ul	97
27) 2,4-Dichlorophenol	11.19	162	40710	9.86	ng/ul	96
32) Caprolactam	12.35	113	30284	23.17	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	13.51	216	173234	38.08	ng/ul	99
39) 2,4,6-Trichlorophenol	13.82	196	11874	4.17	ng/ul	98
40) 2,4,5-Trichlorophenol	13.82	196	11874	3.90	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	14.10	216	320557	71.49	ng/uL	99
74) Pentachlorobenzene	15.59	250	11431	2.74	ng/uL	99

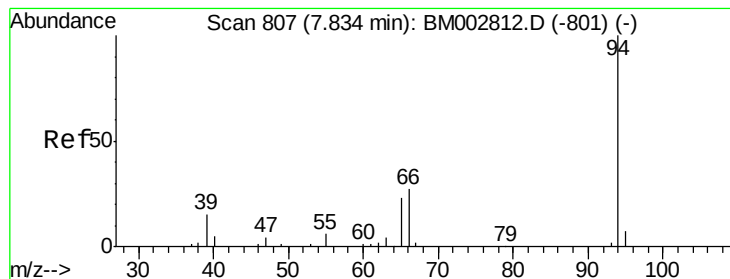
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 15.27 ng/ul

RT: 7.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BM002816.D

Acq: 01 Oct 2015 22:39

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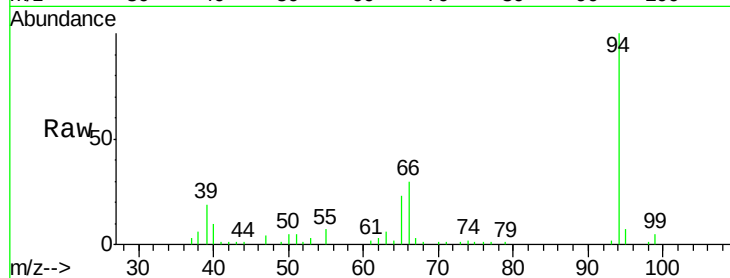
Tgt Ion: 94 Resp: 68378

Ion Ratio Lower Upper

94 100

65 23.1 19.4 29.2

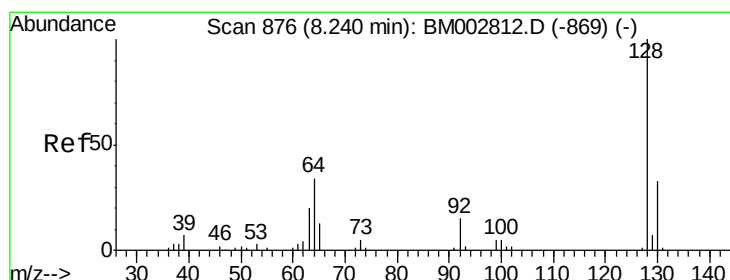
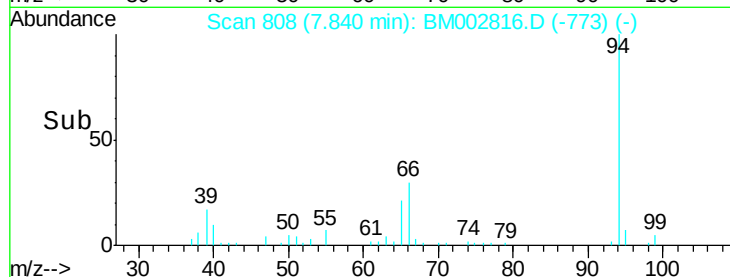
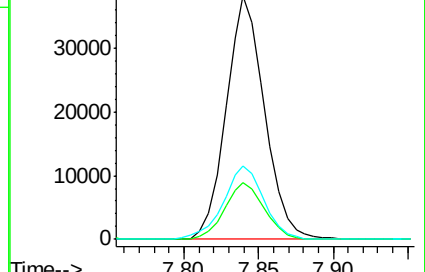
66 30.1 25.2 37.8



Abundance Ion 94.00 (93.70 to 94.70): BM002812.D (-801) (-)

Ion 65.00 (64.70 to 65.70): BM002812.D (-801) (-)

Ion 66.00 (65.70 to 66.70): BM002812.D (-801) (-)



#10

2-Chlorophenol

Concen: 25.36 ng/ul

RT: 8.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BM002816.D

Acq: 01 Oct 2015 22:39

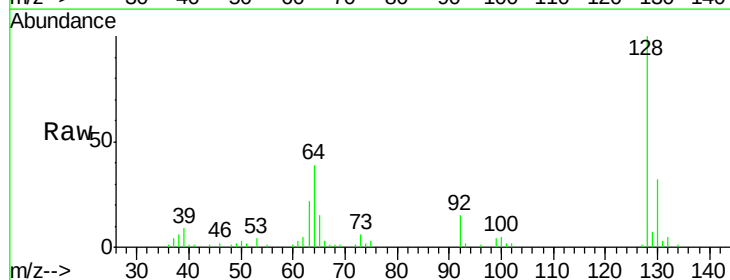
Tgt Ion: 128 Resp: 103755

Ion Ratio Lower Upper

128 100

64 39.0 32.1 48.1

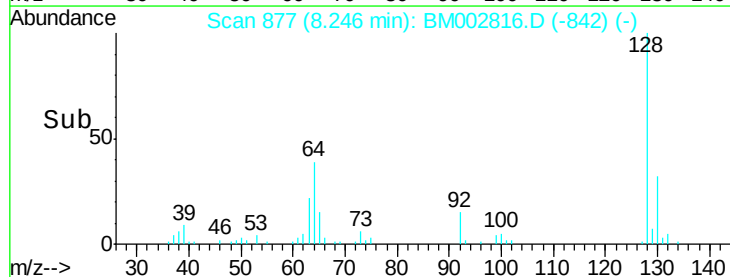
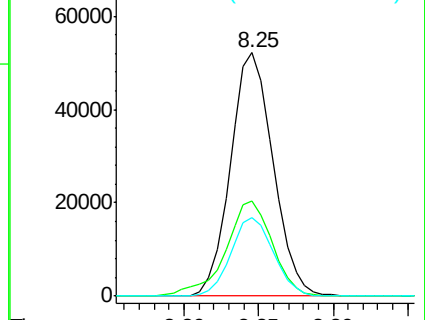
130 32.0 25.8 38.6

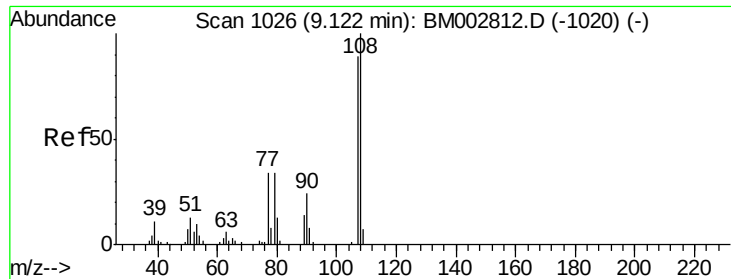


Abundance Ion 128.00 (127.70 to 128.70): BM002812.D (-869) (-)

Ion 64.00 (63.70 to 64.70): BM002812.D (-869) (-)

Ion 130.00 (129.70 to 130.70): BM002812.D (-869) (-)

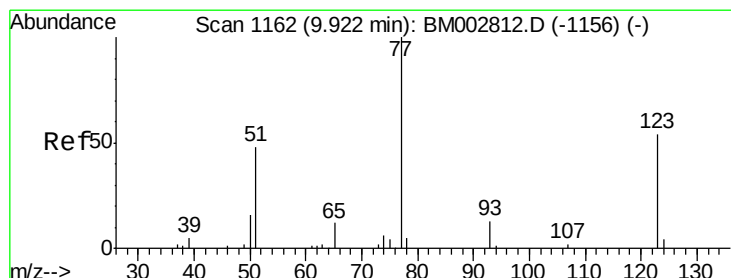
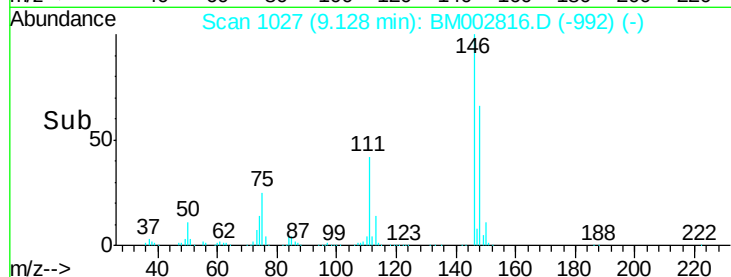
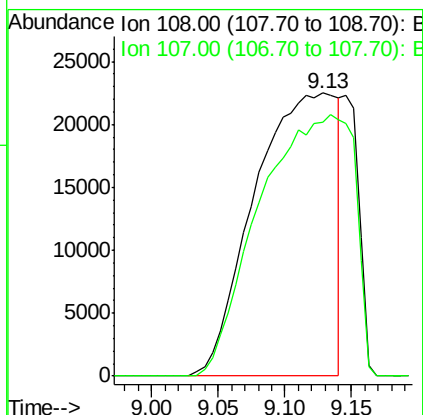
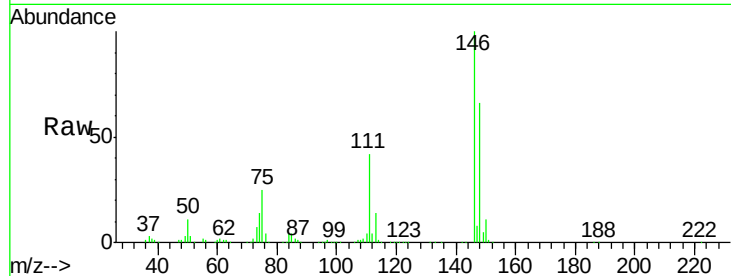




#11
2-Methylphenol
Concen: 27.97 ng/ul
RT: 9.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BM002816.D
Acq: 01 Oct 2015 22:39

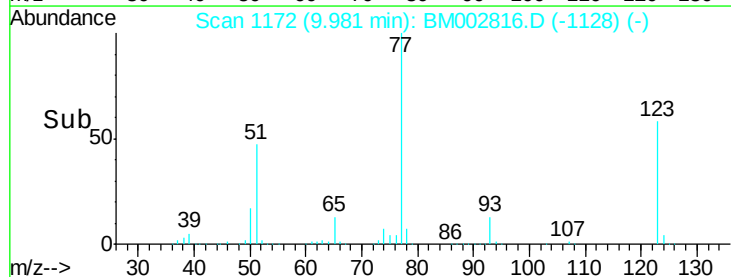
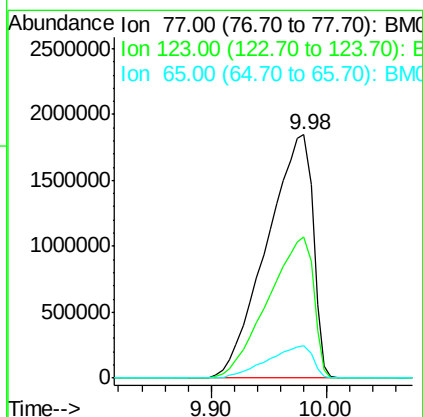
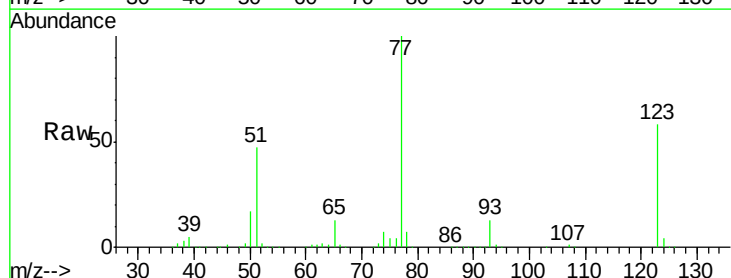
Instrument :
BNA_M
ClientSampleId :
C0AP3

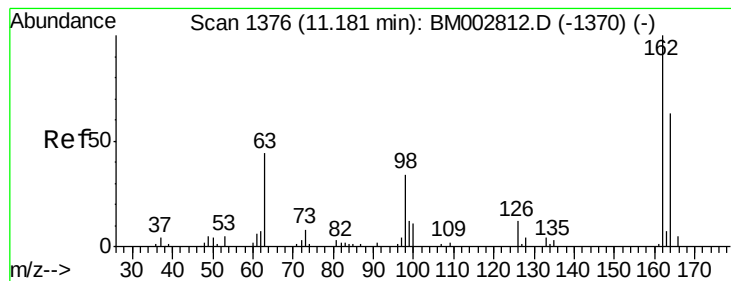
Tgt Ion: 108 Resp: 96665
Ion Ratio Lower Upper
108 100
107 89.5 70.7 106.1



#20
Nitrobenzene
Concen: 1166.94 ng/ul
RT: 9.98 min Scan# 1172
Delta R.T. 0.06 min
Lab File: BM002816.D
Acq: 01 Oct 2015 22:39

Tgt Ion: 77 Resp: 5139177
Ion Ratio Lower Upper
77 100
123 58.1 44.3 66.5
65 13.2 10.1 15.1

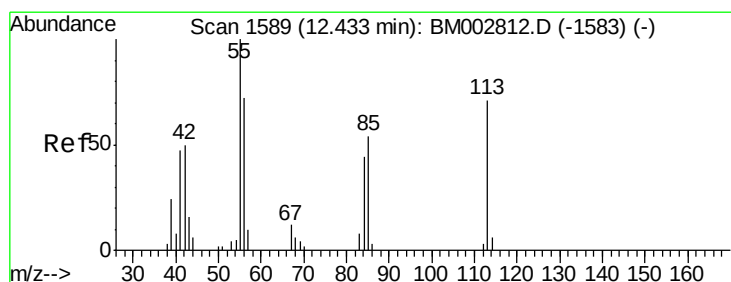
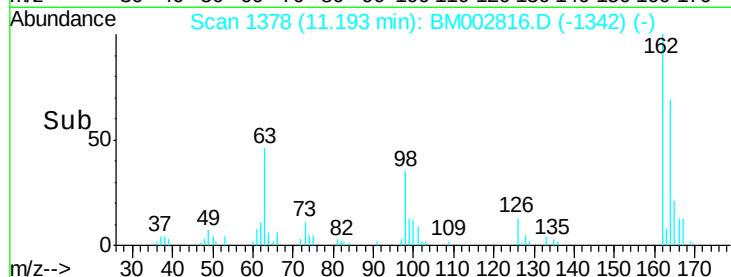
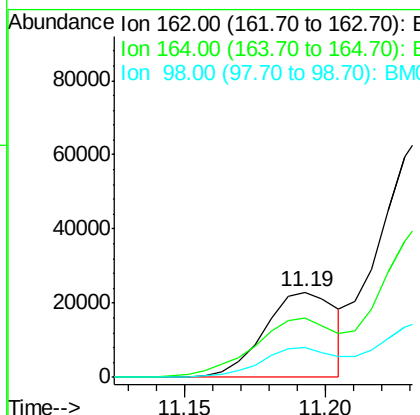
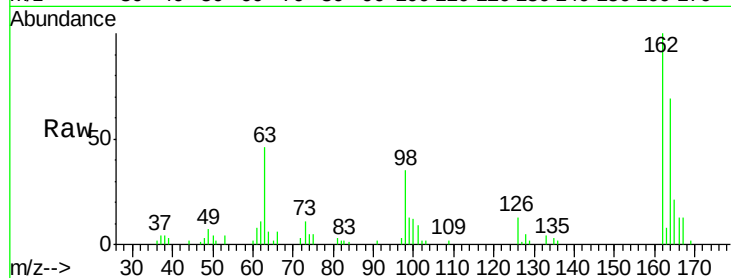




#27
 2,4-Dichlorophenol
 Concen: 9.86 ng/ul
 RT: 11.19 min Scan# 1378
 Delta R.T. 0.01 min
 Lab File: BM002816.D
 Acq: 01 Oct 2015 22:39

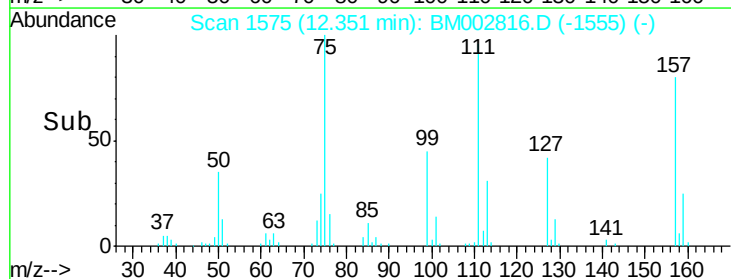
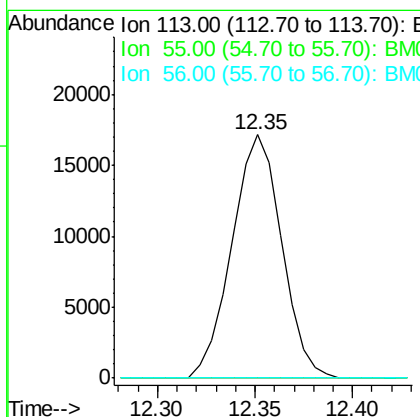
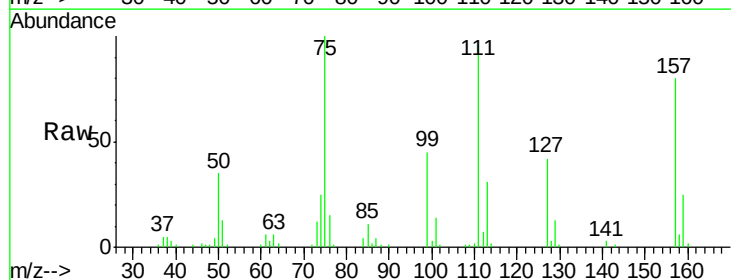
Instrument :
 BNA_M
 ClientSampleId :
 C0AP3

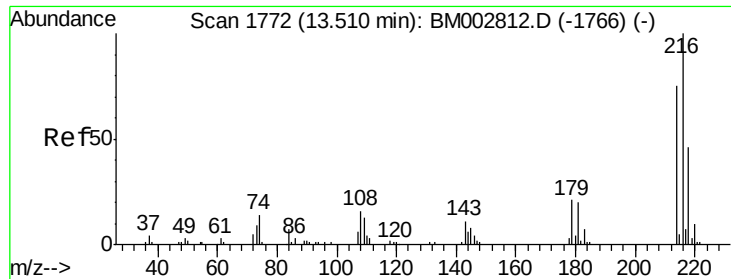
Tgt Ion:162 Resp: 40710
 Ion Ratio Lower Upper
 162 100
 164 69.0 52.2 78.4
 98 34.9 28.6 42.8



#32
 Caprolactam
 Concen: 23.17 ng/ul
 RT: 12.35 min Scan# 1575
 Delta R.T. -0.08 min
 Lab File: BM002816.D
 Acq: 01 Oct 2015 22:39

Tgt Ion:113 Resp: 30284
 Ion Ratio Lower Upper
 113 100
 55 0.0 118.3 177.5#
 56 0.0 87.4 131.0#

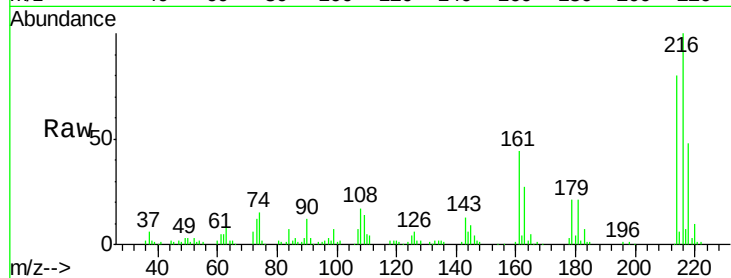




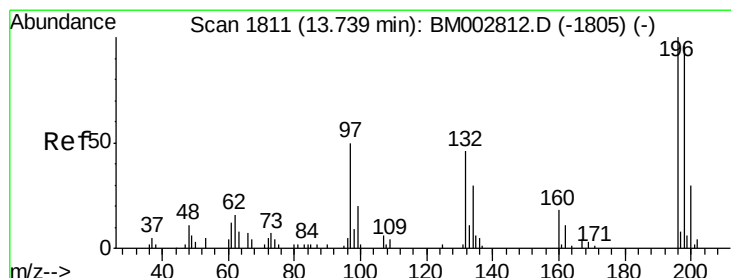
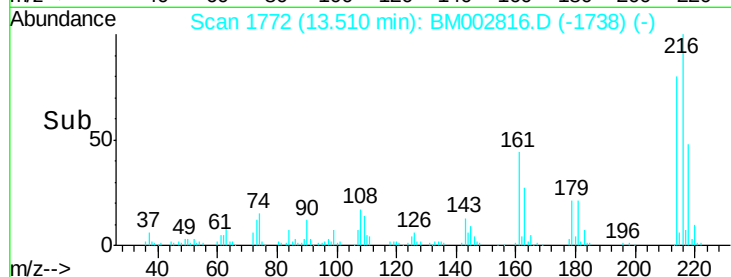
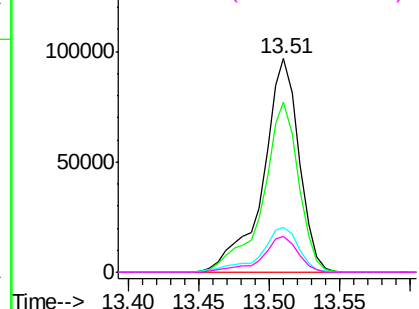
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.08 ng/ul
 RT: 13.51 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BM002816.D
 Acq: 01 Oct 2015 22:39

Instrument :
 BNA_M
 ClientSampled :
 C0AP3

Tgt Ion:	216	Resp:	173234
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	21.2	17.8	26.6
108	16.5	13.3	19.9

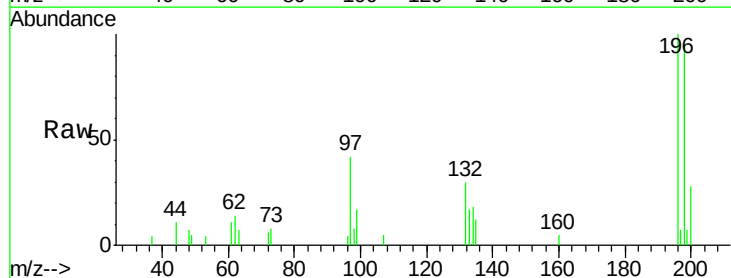


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

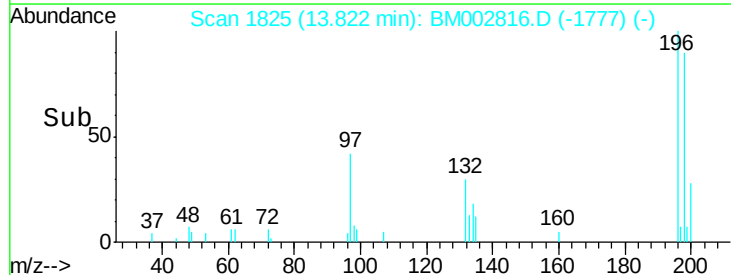
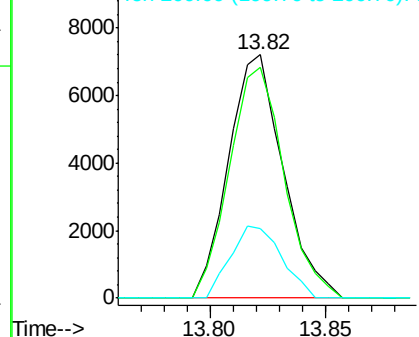


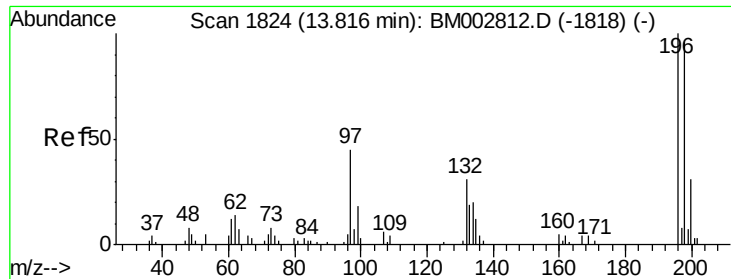
#39
 2,4,6-Trichlorophenol
 Concen: 4.17 ng/ul
 RT: 13.82 min Scan# 1825
 Delta R.T. 0.08 min
 Lab File: BM002816.D
 Acq: 01 Oct 2015 22:39

Tgt Ion:	196	Resp:	11874
Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.6	113.4
200	28.3	25.0	37.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

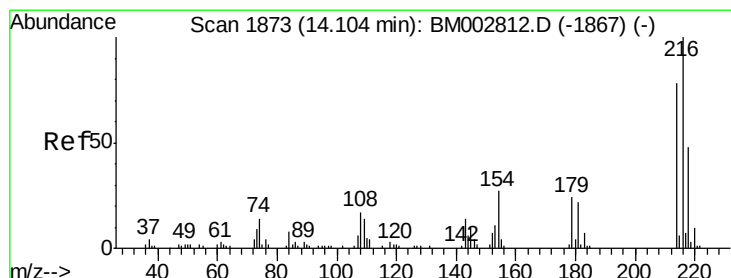
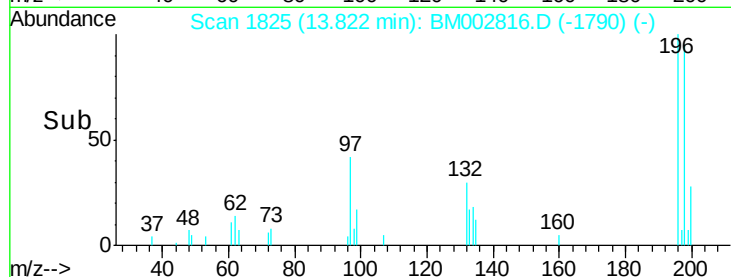
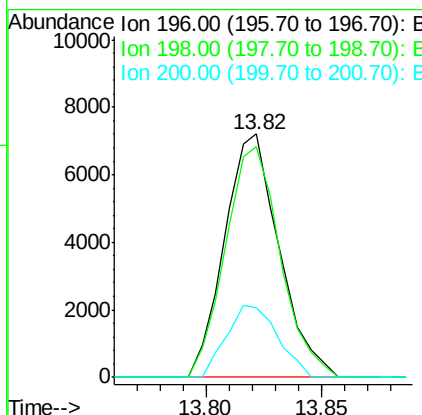
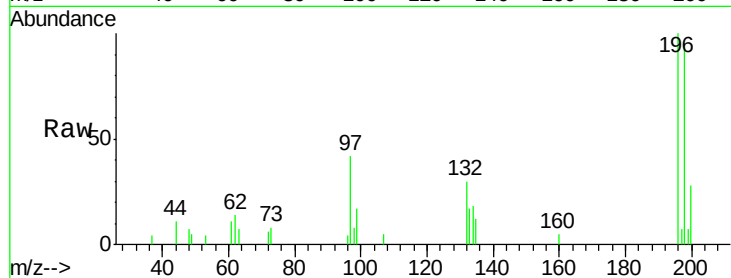




#40
 2,4,5-Trichlorophenol
 Concen: 3.90 ng/ul
 RT: 13.82 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BM002816.D
 Acq: 01 Oct 2015 22:39

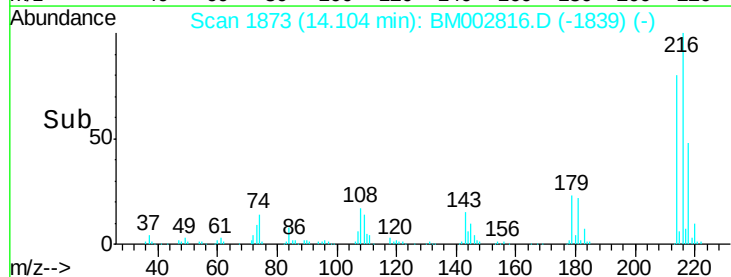
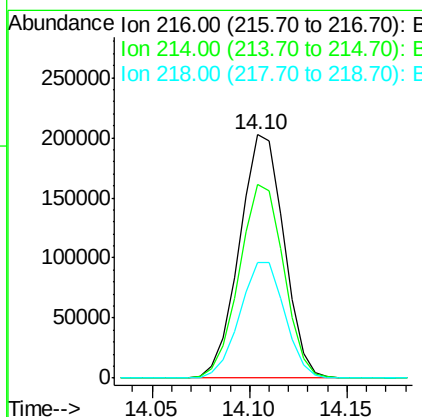
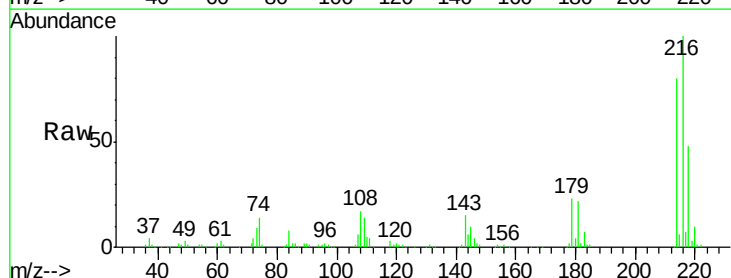
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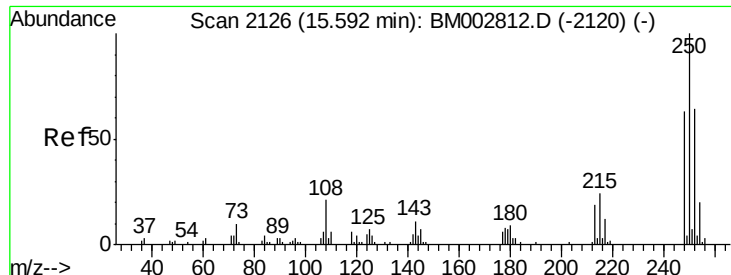
Tgt Ion:196 Resp: 11874
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.1 115.7
 200 28.3 24.1 36.1



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 71.49 ng/uL
 RT: 14.10 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BM002816.D
 Acq: 01 Oct 2015 22:39

Tgt Ion:216 Resp: 320557
 Ion Ratio Lower Upper
 216 100
 214 79.8 63.0 94.6
 218 47.6 37.0 55.6





#74

Pentachlorobenzene

Concen: 2.74 ng/uL

RT: 15.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BM002816.D

Acq: 01 Oct 2015 22:39

Instrument :

BNA_M

ClientSampleId :

C0AP3

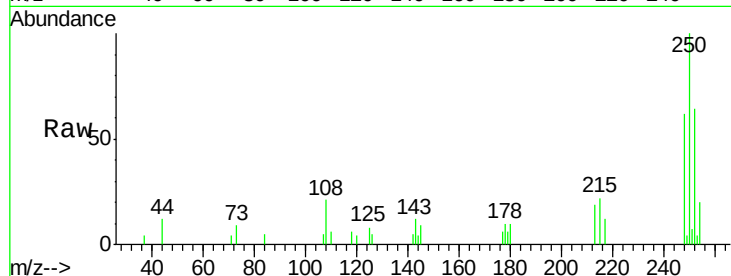
Tgt Ion:250 Resp: 11431

Ion Ratio Lower Upper

250 100

248 61.6 50.5 75.7

252 64.2 51.0 76.4



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

