Quantitation Report (LSC Reviewed)

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

Manual Integrations APPROVED
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10/2/2015 6:07:44 PM

Quant Time: Oct 02 07:27:48 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	59848m	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	1.56	ng/uL	0.00
5) Phenol-d5	7.81	99	37921	8.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	91653	35.93	ng/ul	0.00
9) 2-Chlorophenol-d4	8.21	132	124278	29.44	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	72475	19.38	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	14.59	ng/ul	98
10) 2-Chlorophenol	8.25	128	103755	24.22	ng/ul	99
11) 2-Methylphenol	9.13	108	116276m	32.13	ng/ul	
20) Nitrobenzene	9.98	77	5139177	1166.94	ng/ul	97
27) 2,4-Dichlorophenol	11.19	162	40710	9.86	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.51	216	173234	38.08	ng/ul	99
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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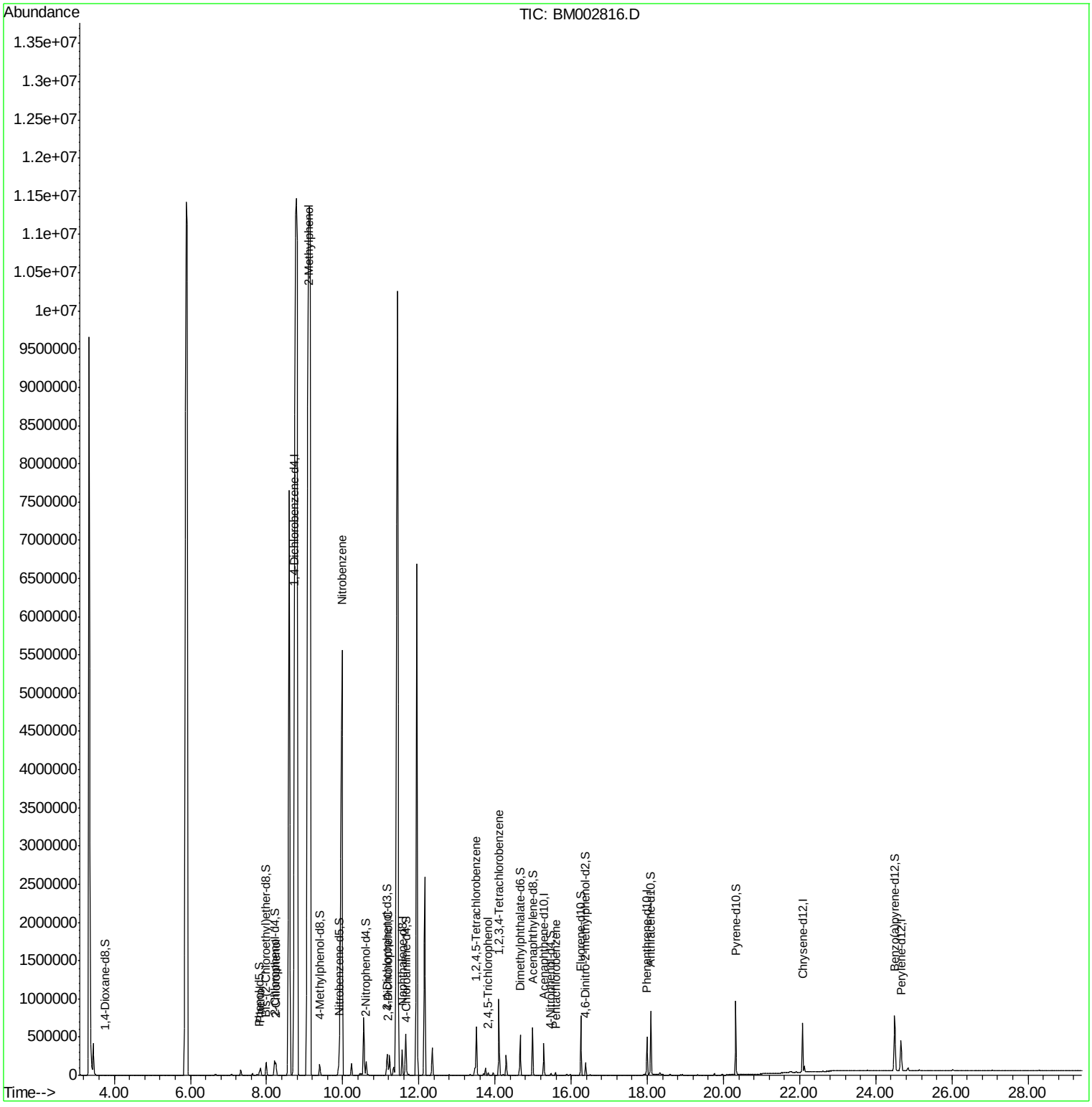
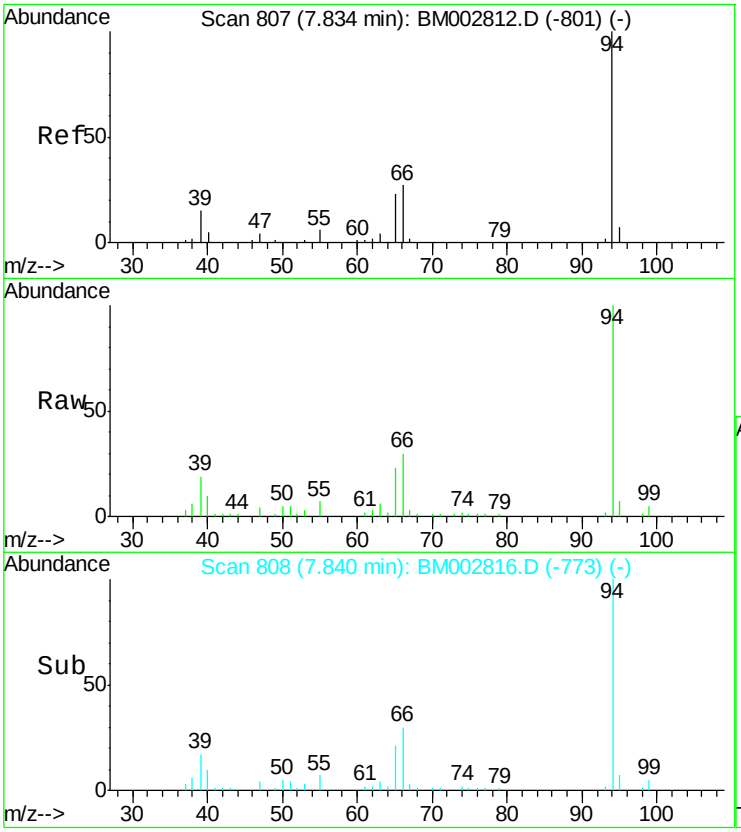
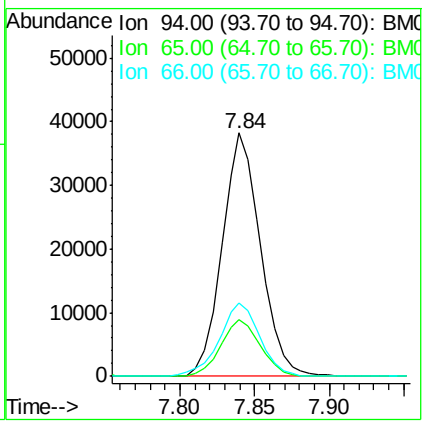




#6
Phenol
Concen: 14.59 ng/ul
RT: 7.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BM002816.D
Acq: 01 Oct 2015 22:39

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



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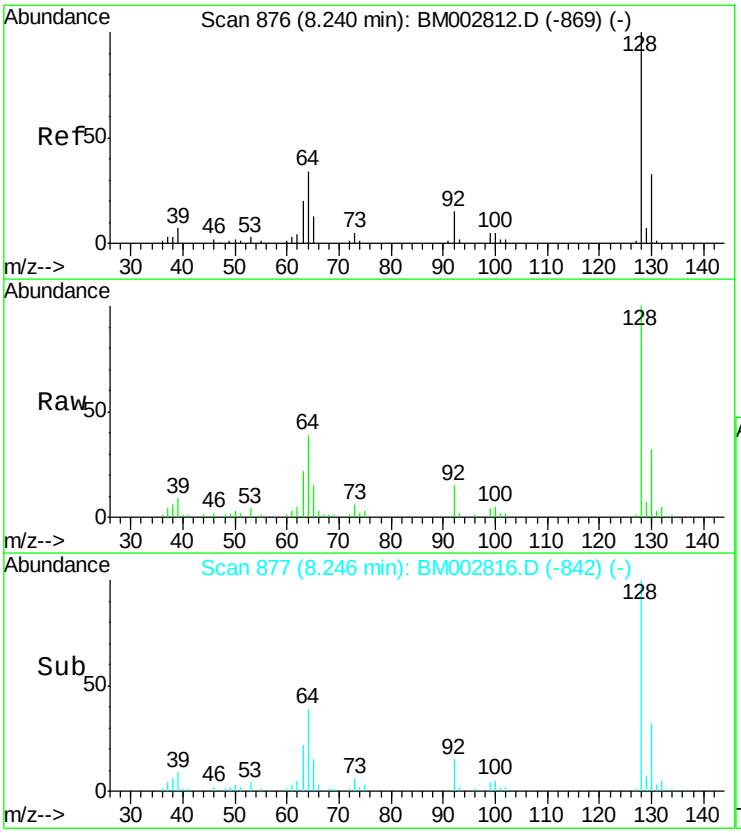
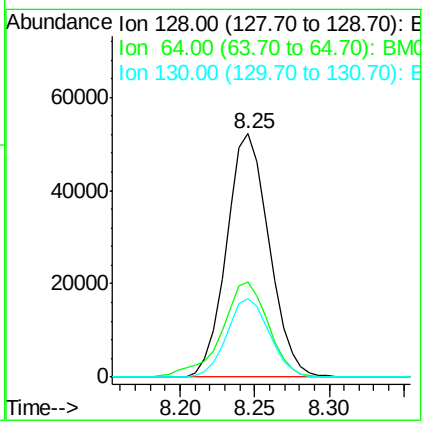
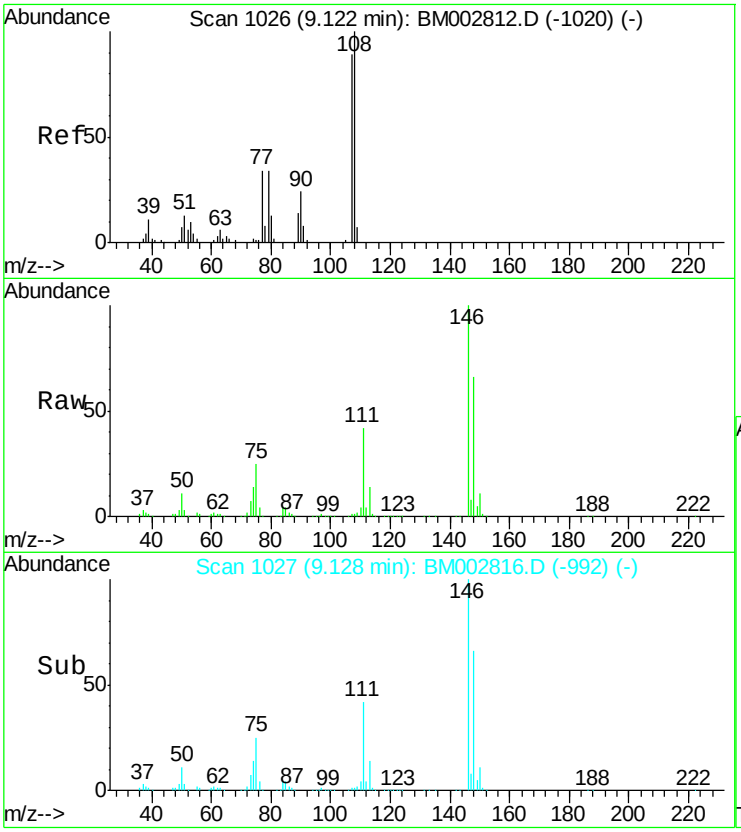


#10
2-Chlorophenol
Concen: 24.22 ng/ul
RT: 8.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BM002816.D
Acq: 01 Oct 2015 22:39

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





#11
2-Methylphenol
Concen: 32.13 ng/ul m
RT: 9.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BM002816.D
Acq: 01 Oct 2015 22:39

Tgt Ion:108 Resp: 116276

Ion	Ratio	Lower	Upper
108	100		
107	89.5	70.7	106.1

Instrument :
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ClientSampleId :
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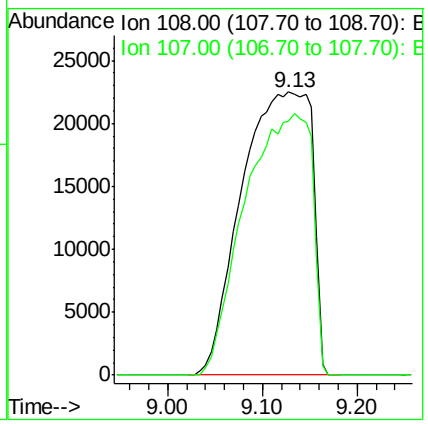
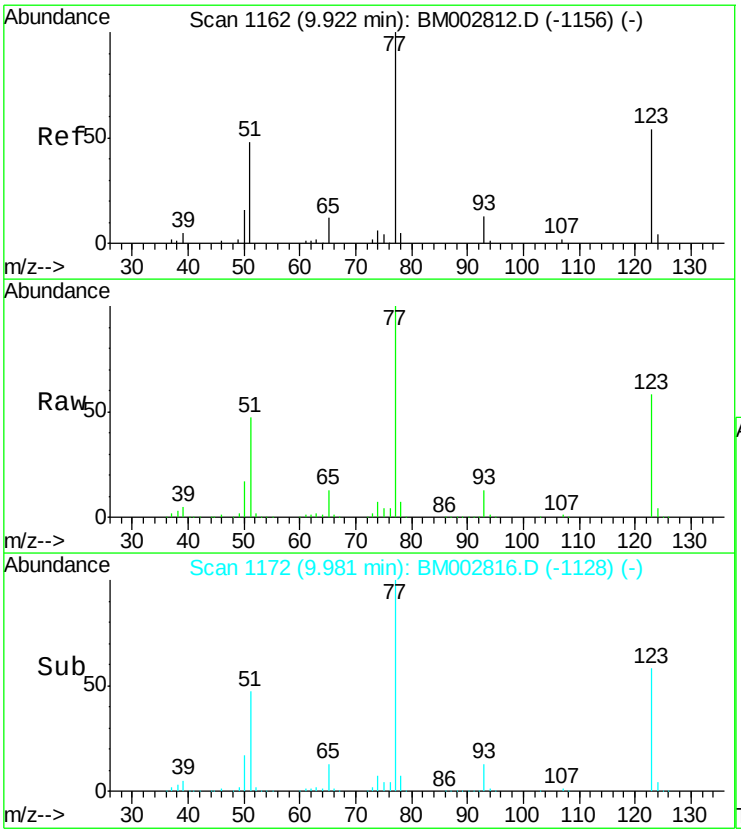
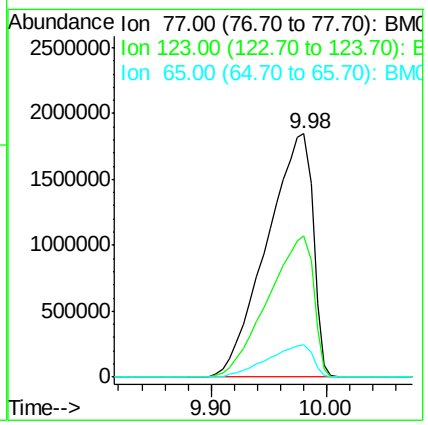


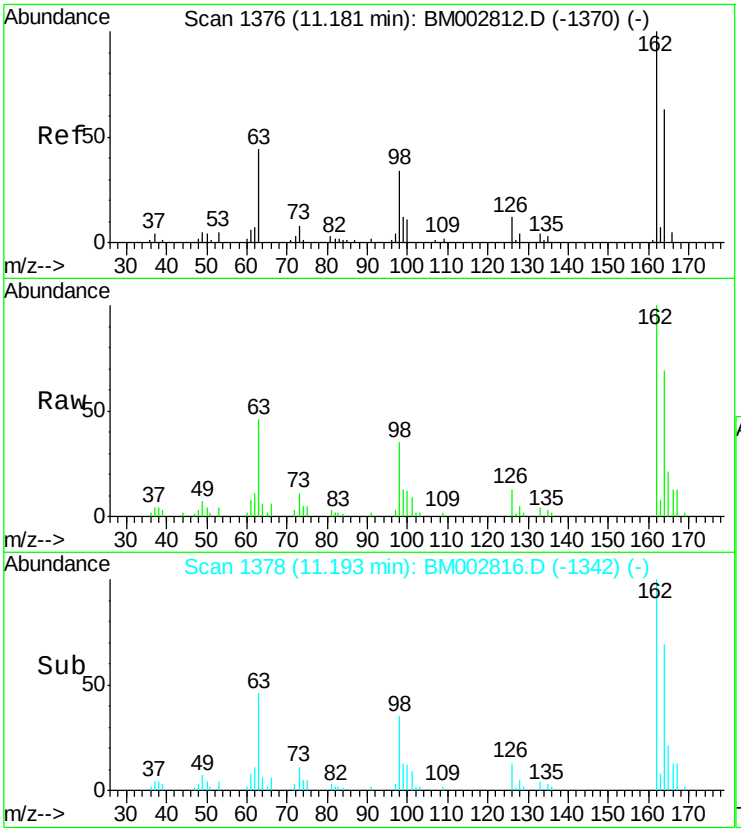


#20
Nitrobenzene
Concen: 1166.94 ng/ul
RT: 9.98 min Scan# 1172
Delta R.T. 0.06 min
Lab File: BM002816.D
Acq: 01 Oct 2015 22:39

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

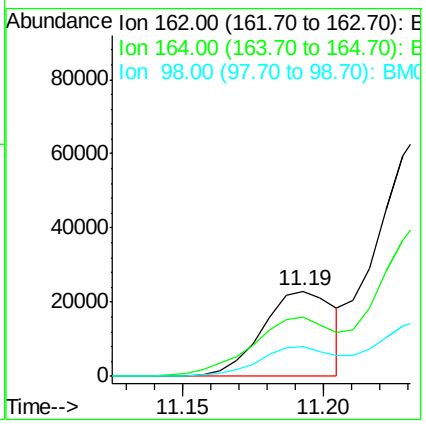




#27
2,4-Dichlorophenol
Concen: 9.86 ng/ul
RT: 11.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BM002816.D
Acq: 01 Oct 2015 22:39

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



Instrument :
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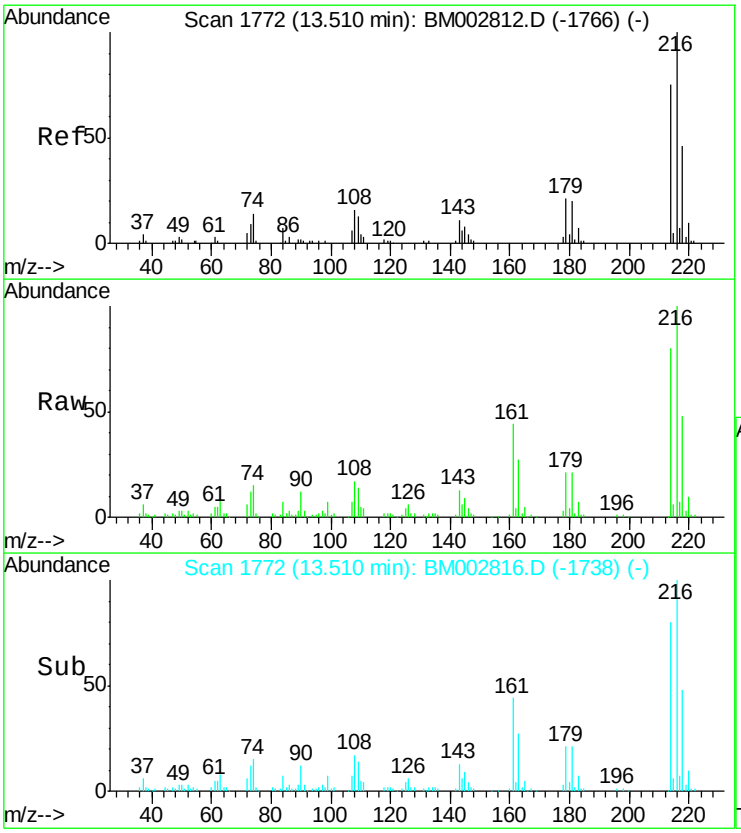
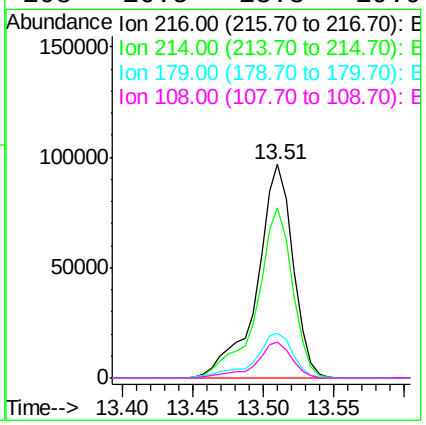
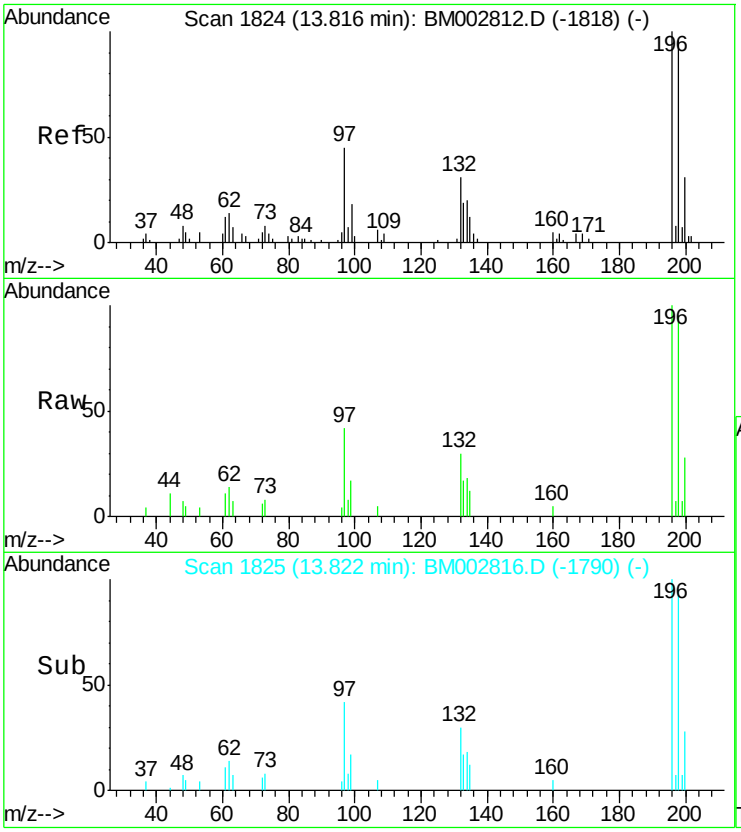


#37
1,2,4,5-Tetrachlorobenzene
Concen: 38.08 ng/ul
RT: 13.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BM002816.D
Acq: 01 Oct 2015 22:39

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

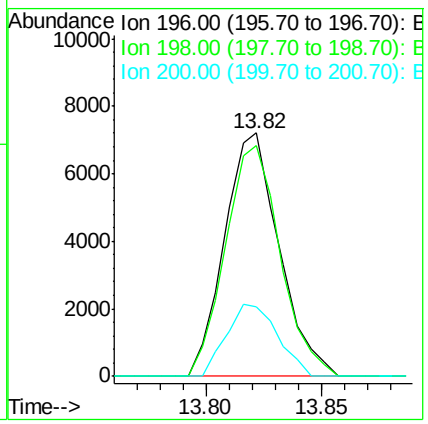




#40
2,4,5-Trichlorophenol
Concen: 3.90 ng/ul
RT: 13.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BM002816.D
Acq: 01 Oct 2015 22:39

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



Instrument :
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ClientSampleId :
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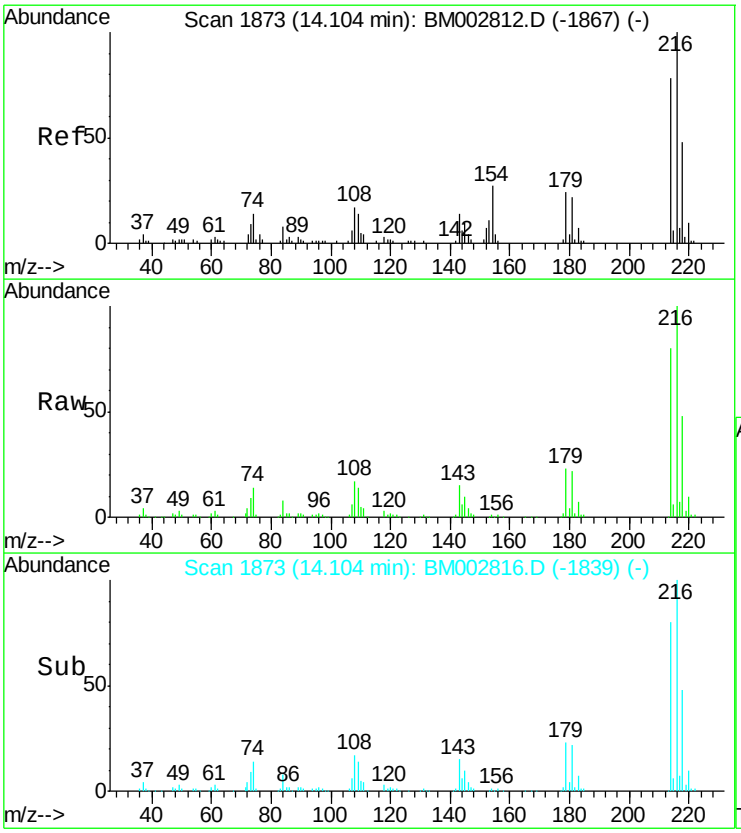
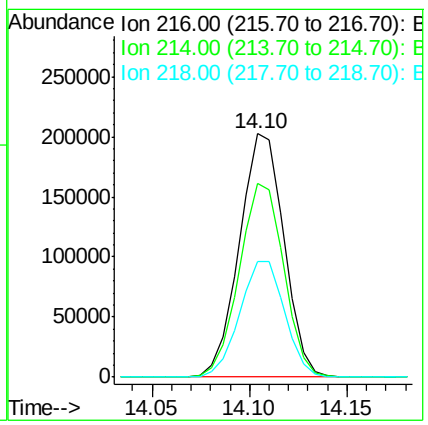
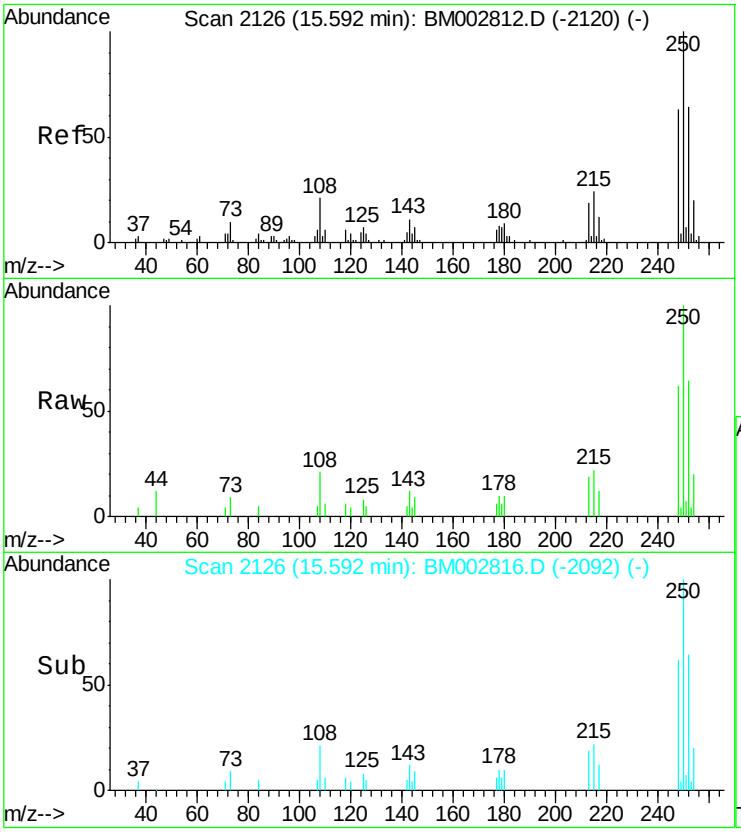


#73
1,2,3,4-Tetrachlorobenzene
Concen: 71.49 ng/uL
RT: 14.10 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BM002816.D
Acq: 01 Oct 2015 22:39

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

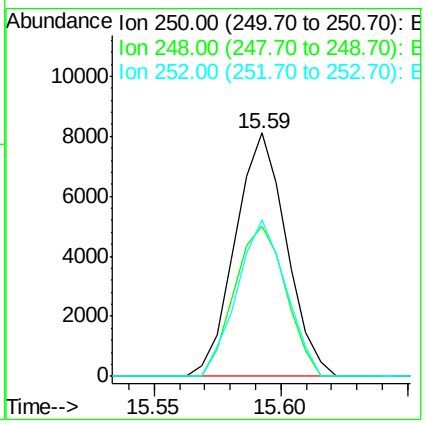




#74
Pentachlorobenzene
Concen: 2.74 ng/uL
RT: 15.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BM002816.D
Acq: 01 Oct 2015 22:39

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



Instrument :
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