Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008831.D
Acq On : 24 Jan 2017 08:56
Operator : UM/SJ
Sample : I1323-22DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL

Quant Time: Jan 24 11:55:50 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	7.93	152	69312	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	304219	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	256802	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	560358	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	644823	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	510307	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	7.08	99	1543	0.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	17046	3.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	9750	2.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	7051	1.53	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	7010	3.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	8349	3.55	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.36	165	16613	3.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	845	0.16	ng/ul	0.01
43) Dimethylphthalate-d6	13.99	166	65666	3.90	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	72931	3.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	7126	2.53	ng/ul	0.01
57) Fluorene-d10	15.56	176	58161	3.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.42	188	92046	3.76	ng/ul	0.00
76) Pyrene-d10	19.70	212	112490	3.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	79894	3.70	ng/ul	-0.01
Target Compounds						Qvalue
21) Isophorone	9.67	82	145850	10.59	ng/ul#	86
28) Naphthalene	10.80	128	2649920	188.67	ng/ul	99
34) 2-Methylnaphthalene	12.40	142	337310	29.58	ng/ul	100
39) 2,4,5-Trichlorophenol	13.07	196	647897	126.69	ng/ul	97
40) 1,1'-Biphenyl	13.40	154	55721	3.51	ng/ul#	94
49) Acenaphthene	14.64	153	110261	8.17	ng/ul	97
53) Dibenzofuran	14.97	168	154118	7.43	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.19	232	76875	14.97	ng/ul#	93
58) Fluorene	15.62	166	84167	4.85	ng/ul	95
68) Pentachlorophenol	16.96	266	850648	196.38	ng/ul	97
69) Phenanthrene	17.36	178	227990	8.26	ng/ul	98
72) Carbazole	17.72	167	416982	16.84	ng/ul	99

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

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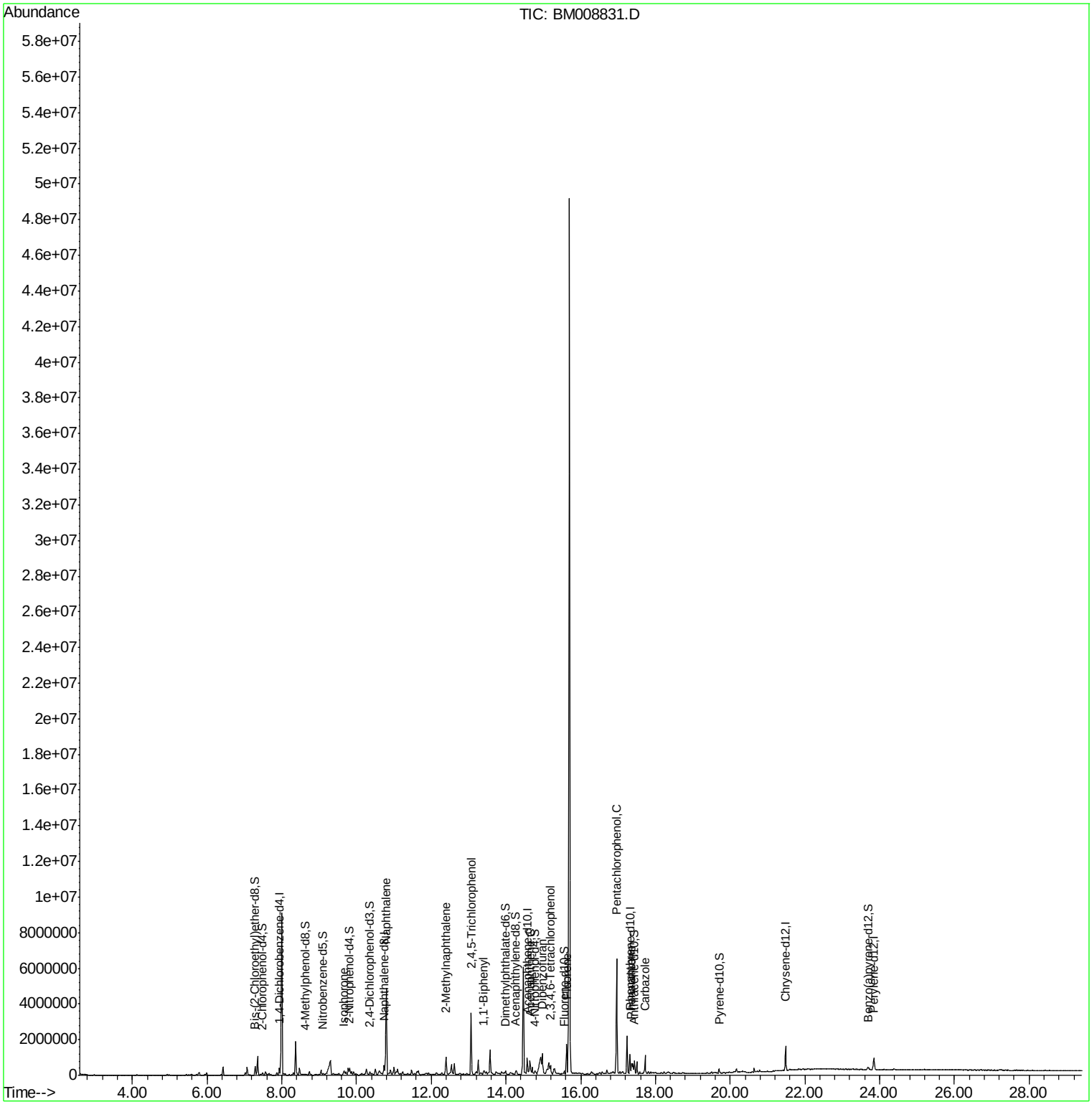
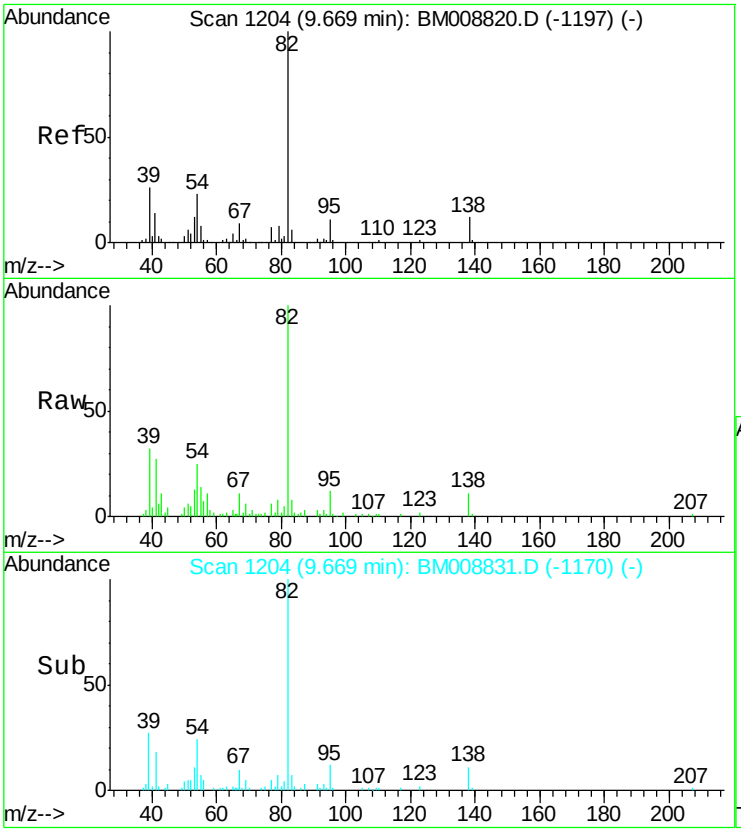


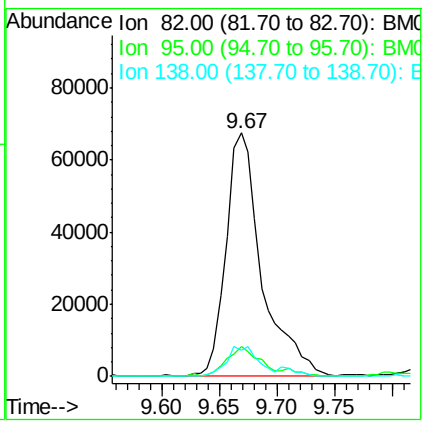


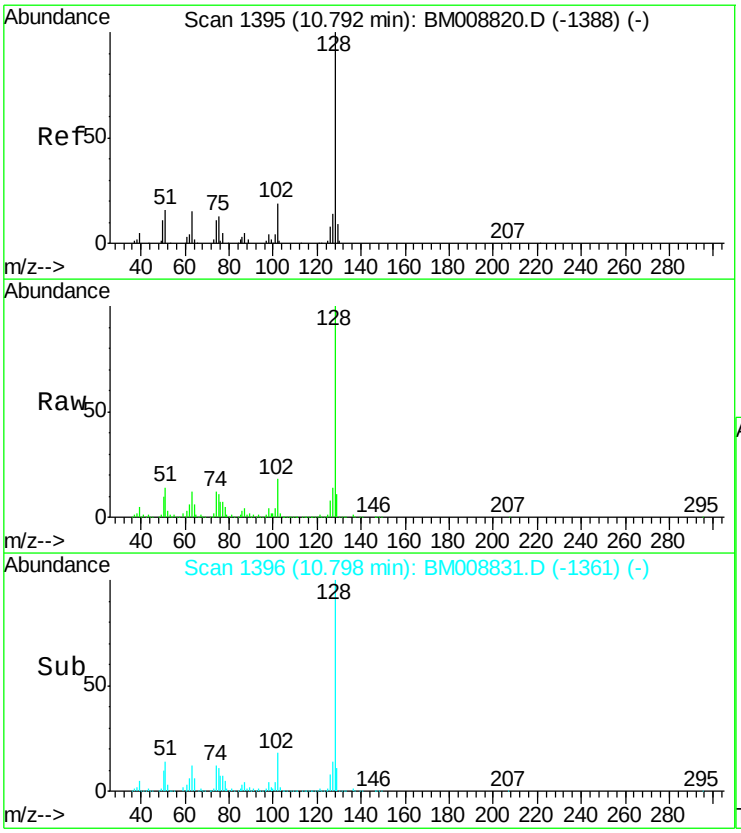
#21
Isophorone
Concen: 10.59 ng/ul
RT: 9.67 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BM008831.D
Acq: 24 Jan 2017 08:56

Instrument :
BNA_M
ClientSampleId :
DA9R7DL

Tgt Ion: 82 Resp: 145850

Ion	Ratio	Lower	Upper
82	100		
95	12.3	6.1	9.1#
138	10.9	13.4	20.2#

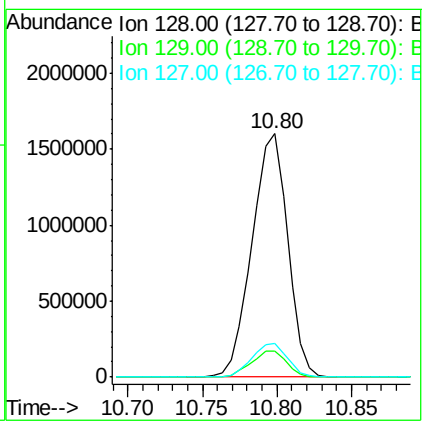


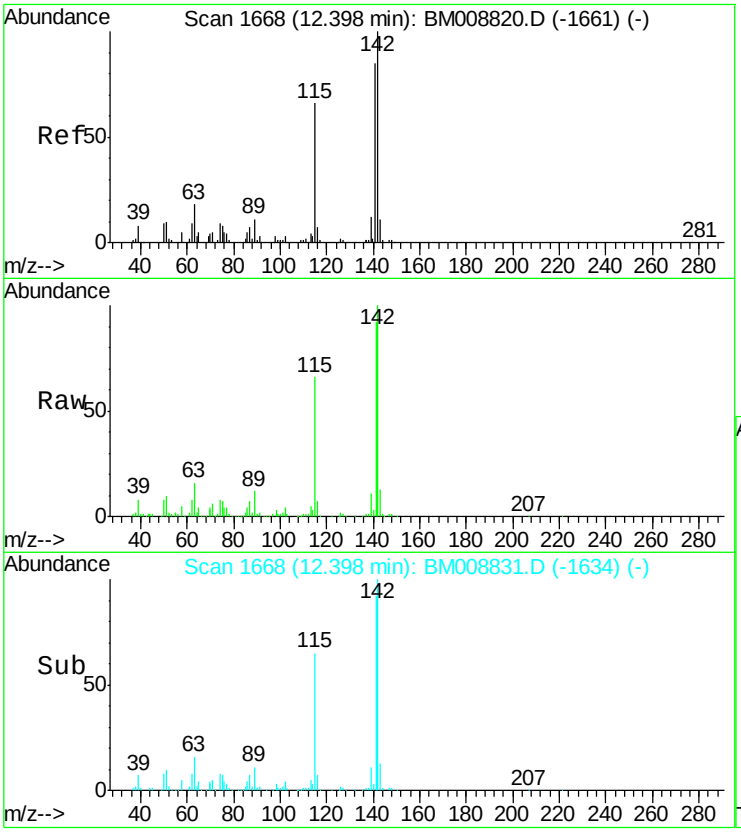


#28
Naphthalene
Concen: 188.67 ng/ul
RT: 10.80 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BM008831.D
Acq: 24 Jan 2017 08:56

Tgt Ion:128 Resp: 2649920

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.3	12.5
127	13.7	10.6	16.0



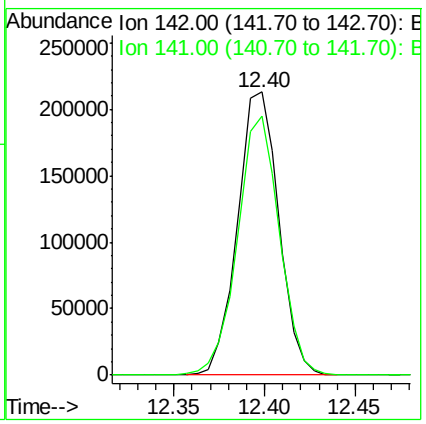


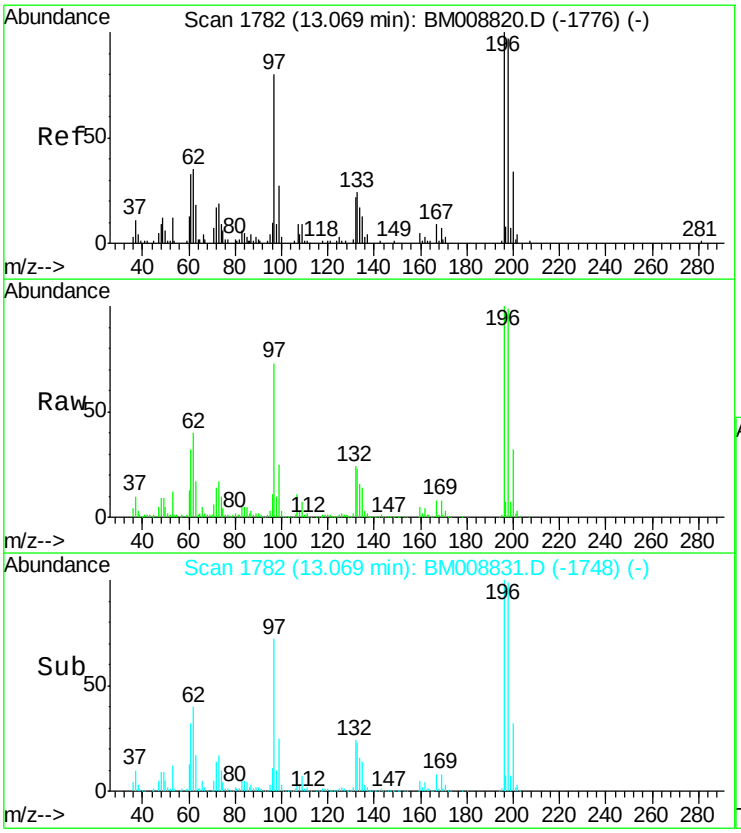
#34
2-Methylnaphthalene
Concen: 29.58 ng/ul
RT: 12.40 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BM008831.D
Acq: 24 Jan 2017 08:56

Instrument :
BNA_M
ClientSampleId :
DA9R7DL

Tgt Ion:142 Resp: 337310

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.0	109.4

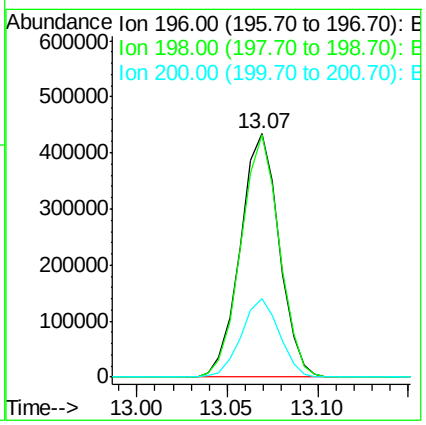


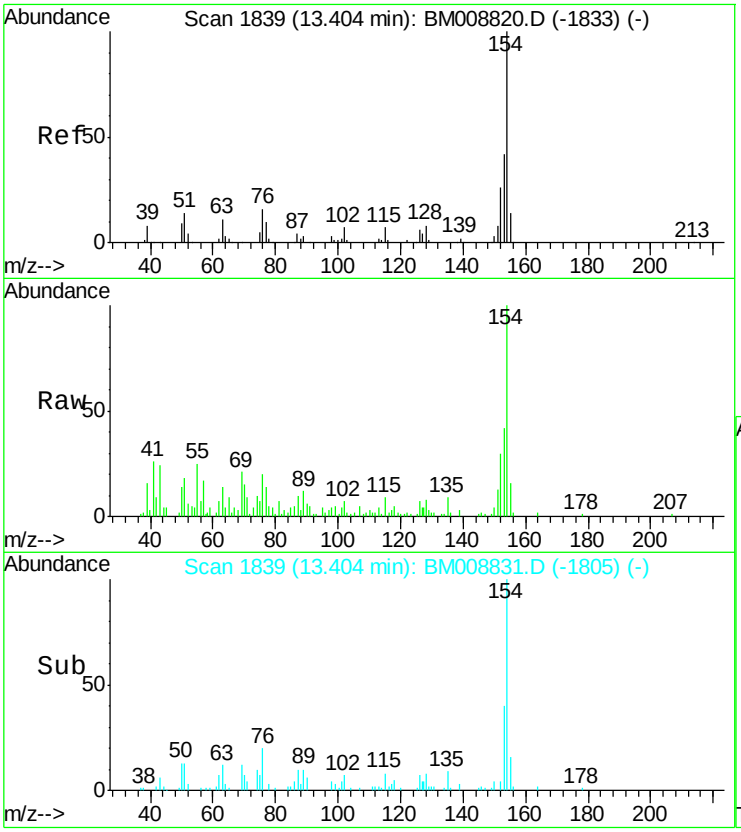


#39
2,4,5-Trichlorophenol
Concen: 126.69 ng/ul
RT: 13.07 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BM008831.D
Acq: 24 Jan 2017 08:56

Tgt Ion:196 Resp: 647897

Ion	Ratio	Lower	Upper
196	100		
198	99.5	77.8	116.6
200	32.5	23.6	35.4



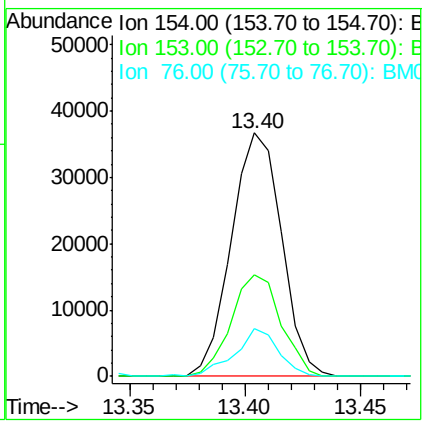


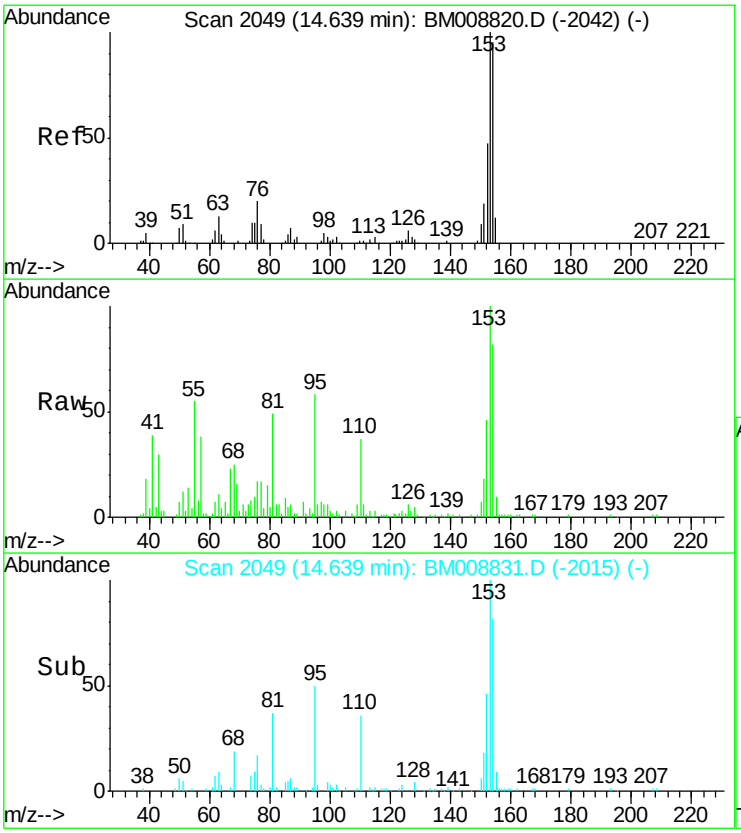
#40
1,1'-Biphenyl
Concen: 3.51 ng/ul
RT: 13.40 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BM008831.D
Acq: 24 Jan 2017 08:56

Instrument :
BNA_M
ClientSampleId :
DA9R7DL

Tgt Ion:154 Resp: 55721

Ion	Ratio	Lower	Upper
154	100		
153	41.7	32.2	48.4
76	19.8	9.8	14.6#

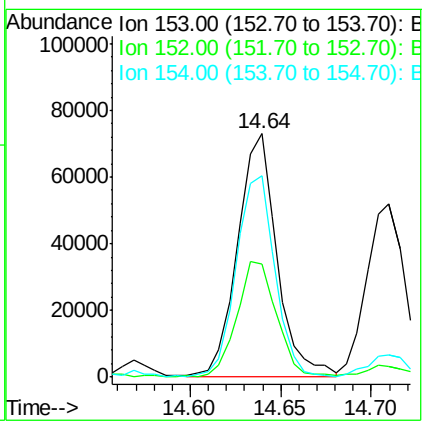


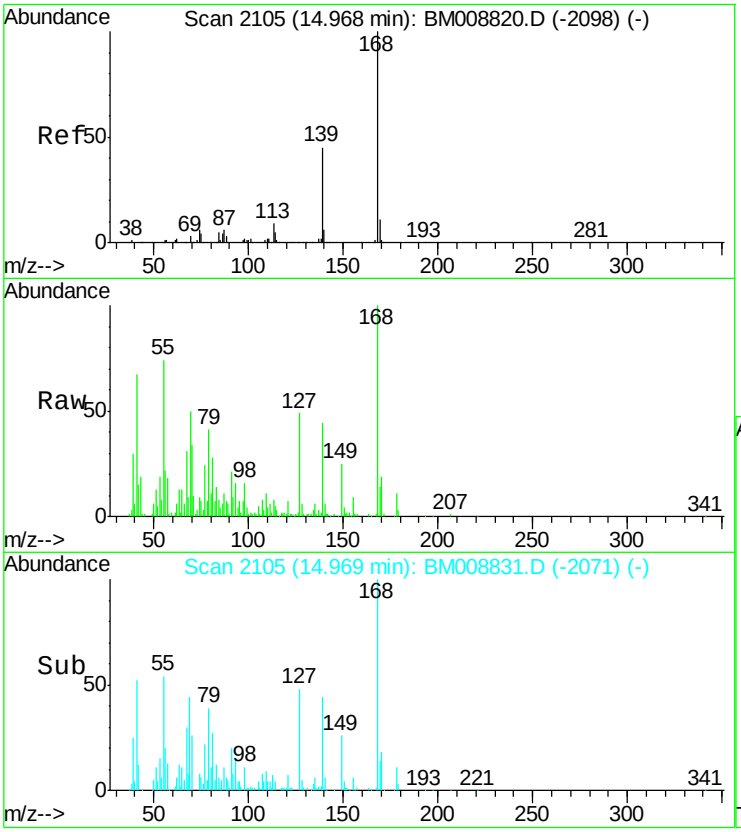


#49
Acenaphthene
Concen: 8.17 ng/ul
RT: 14.64 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BM008831.D
Acq: 24 Jan 2017 08:56

Tgt Ion:153 Resp: 110261

Ion	Ratio	Lower	Upper
153	100		
152	46.4	36.4	54.6
154	82.5	68.7	103.1



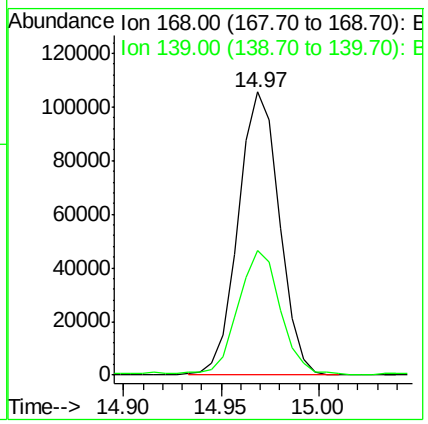


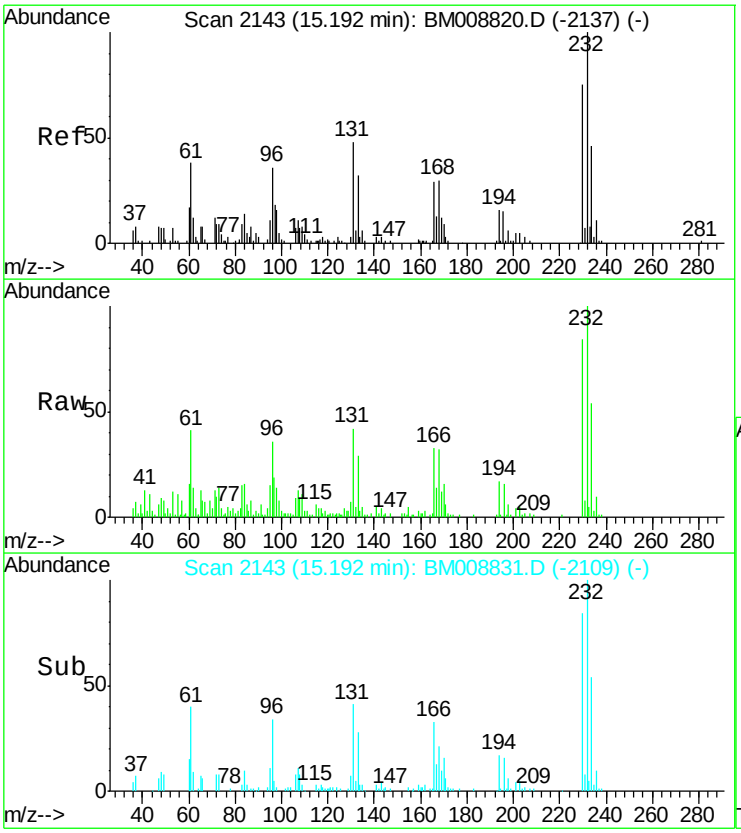
#53
Dibenzofuran
Concen: 7.43 ng/ul
RT: 14.97 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM008831.D
Acq: 24 Jan 2017 08:56

Instrument :
BNA_M
ClientSampleId :
DA9R7DL

Tgt Ion:168 Resp: 154118

Ion	Ratio	Lower	Upper
168	100		
139	44.2	30.3	45.5

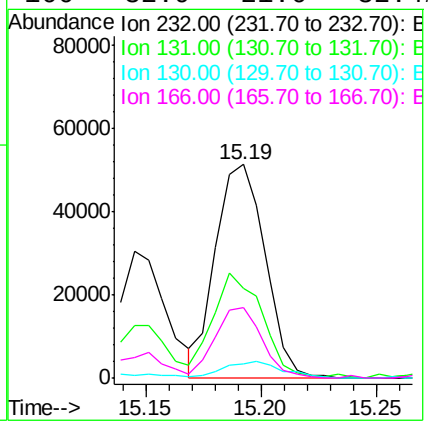


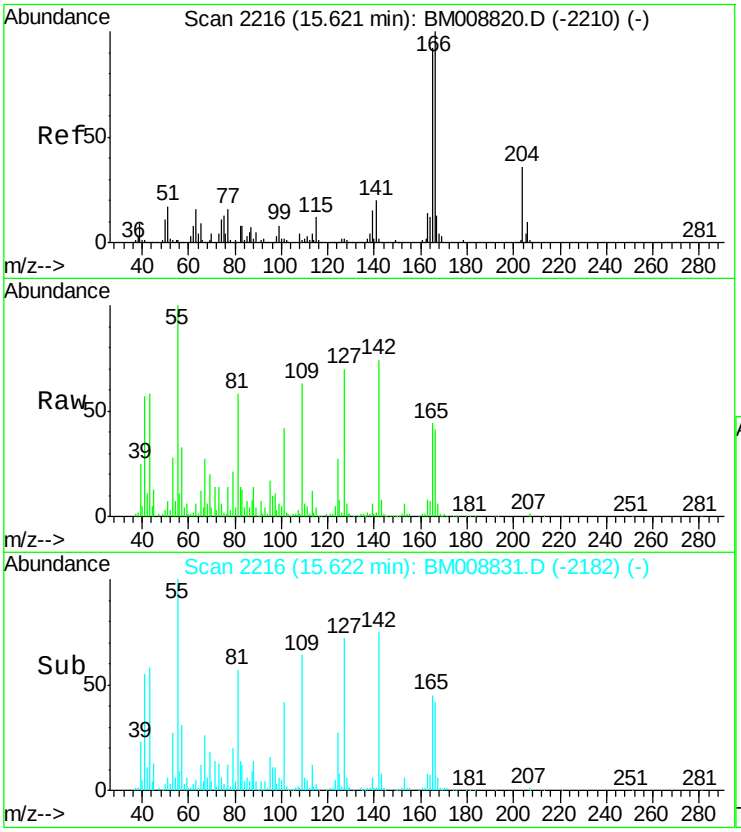


#55
2,3,4,6-Tetrachlorophenol
Concen: 14.97 ng/ul
RT: 15.19 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BM008831.D
Acq: 24 Jan 2017 08:56

Tgt Ion:232 Resp: 76875

Ion	Ratio	Lower	Upper
232	100		
131	41.7	31.8	47.8
130	6.5	1.8	2.6#
166	32.9	21.6	32.4#



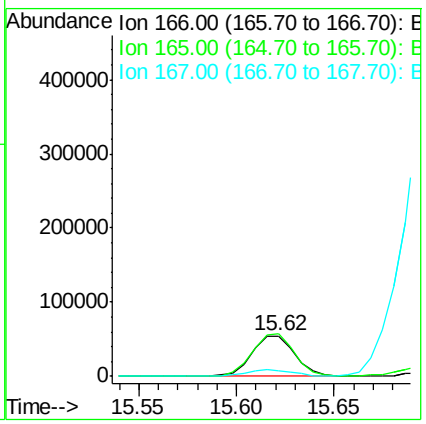


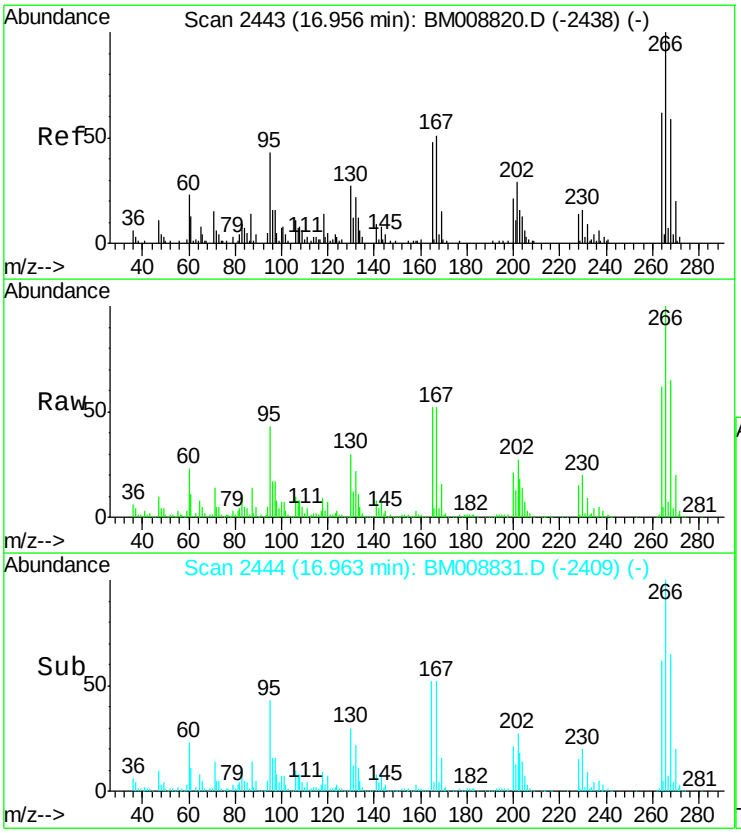
#58
Fluorene
Concen: 4.85 ng/ul
RT: 15.62 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BM008831.D
Acq: 24 Jan 2017 08:56

Instrument :
BNA_M
ClientSampleId :
DA9R7DL

Tgt Ion:166 Resp: 84167

Ion	Ratio	Lower	Upper
166	100		
165	105.7	80.2	120.2
167	15.0	10.9	16.3

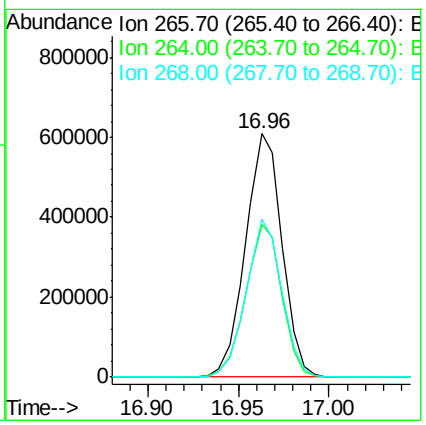


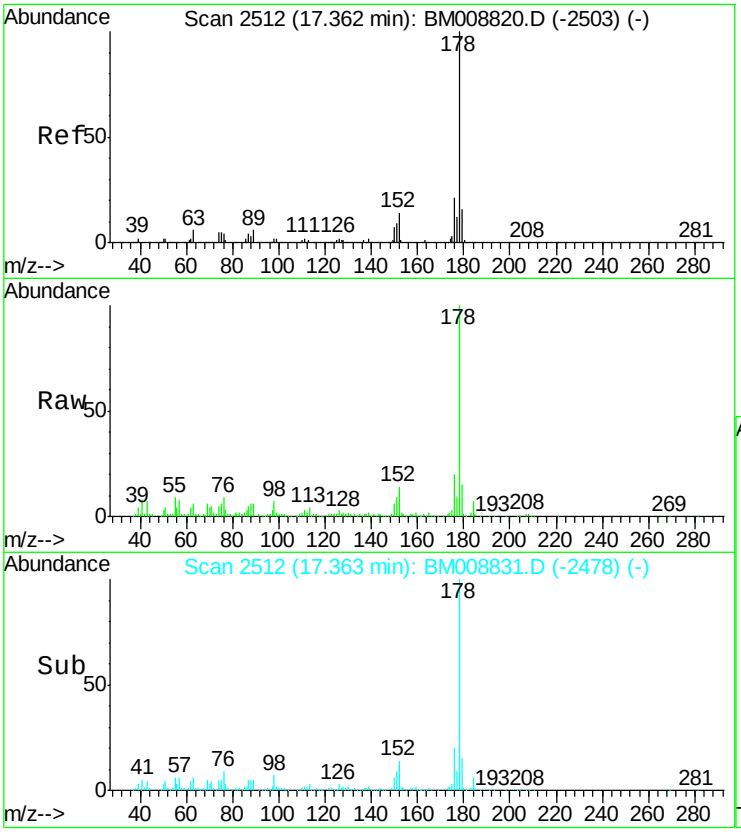


#68
Pentachlorophenol
Concen: 196.38 ng/ul
RT: 16.96 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BM008831.D
Acq: 24 Jan 2017 08:56

Tgt Ion:266 Resp: 850648

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.6	75.8
268	64.6	49.1	73.7



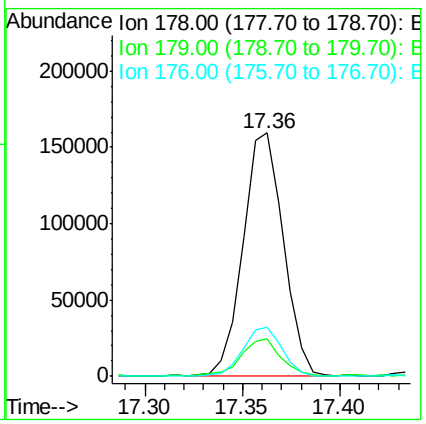


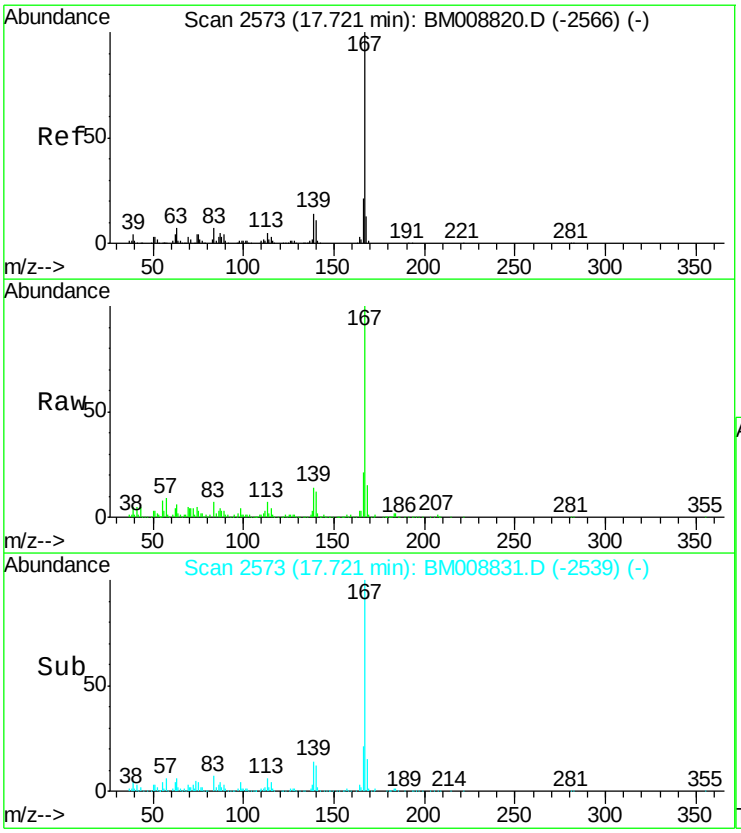
#69
Phenanthrene
Concen: 8.26 ng/ul
RT: 17.36 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BM008831.D
Acq: 24 Jan 2017 08:56

Instrument :
BNA_M
ClientSampleId :
DA9R7DL

Tgt Ion:178 Resp: 227990

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	20.0	14.7	22.1





#72
Carbazole
Concen: 16.84 ng/ul
RT: 17.72 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BM008831.D
Acq: 24 Jan 2017 08:56

Tgt Ion:167 Resp: 416982

Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.8	25.2
139	13.9	10.4	15.6