Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008404.D
Acq On : 17 Dec 2016 10:29
Operator : UM/SJ
Sample : H6067-24
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA939

Quant Time: Dec 18 02:34:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 02:31:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	109048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	418667	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	265025	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	541899	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	694471	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	720641	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	10864	4.69	ng/uL	0.00
5) Phenol-d5	6.85	99	225154	26.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	134424	27.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	179355	28.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	176893	27.00	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	87903	29.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	93711	27.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	189571	30.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	170236	24.17	ng/ul	0.01
43) Dimethylphthalate-d6	13.72	166	578929	32.86	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	668849	32.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	63405	24.43	ng/ul	0.02
57) Fluorene-d10	15.30	176	495686	32.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	86846	26.92	ng/ul	0.00
70) Anthracene-d10	17.16	188	844069	35.75	ng/ul	0.00
76) Pyrene-d10	19.46	212	1010608	37.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1071448	35.41	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.82	77	402508	71.89	ng/ul	96
6) Phenol	6.88	94	12151	1.38	ng/ul	93
10) 2-Chlorophenol	7.23	128	387519	60.28	ng/ul	97
14) Acetophenone	8.49	105	506241	47.26	ng/ul	98
16) 4-Methylphenol	8.43	108	240497	34.49	ng/ul	91
17) Hexachloroethane	8.71	117	136444	46.54	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	418064	67.52	ng/ul	97
28) Naphthalene	10.48	128	1152248	58.14	ng/ul	99
30) 4-Chloroaniline	10.49	127	151473	21.34	ng/ul#	14
32) Caprolactam	11.44	113	3290	1.69	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	829348	57.91	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	899687	66.38	ng/ul	98
44) Dimethylphthalate	13.77	163	81138	4.70	ng/ul	99
49) Acenaphthene	14.37	153	523499	35.95	ng/ul	98
58) Fluorene	15.36	166	673563	38.64	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.47	198	267665	80.97	ng/ul#	94
67) Atrazine	16.53	200	375171	62.06	ng/ul	98
69) Phenanthrene	17.10	178	1339038	48.22	ng/ul	99
71) Anthracene	17.10	178	1339038	47.50	ng/ul	98
72) Carbazole	17.47	167	1891727	76.21	ng/ul	99
77) Pyrene	19.49	202	2208539	64.77	ng/ul	100
78) Butylbenzylphthalate	20.39	149	796235	65.11	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.16	149	1114793	62.25	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008404.D
Acq On : 17 Dec 2016 10:29
Operator : UM/SJ
Sample : H6067-24
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA939

Quant Time: Dec 18 02:34:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 02:31:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	25.73	276	3105115	68.23	ng/ul	99
90) Dibenzo(a,h)anthracene	25.73	278	2047978	53.59	ng/ul	100
91) Benzo(g,h,i)perylene	26.41	276	1944049	51.07	ng/ul	99

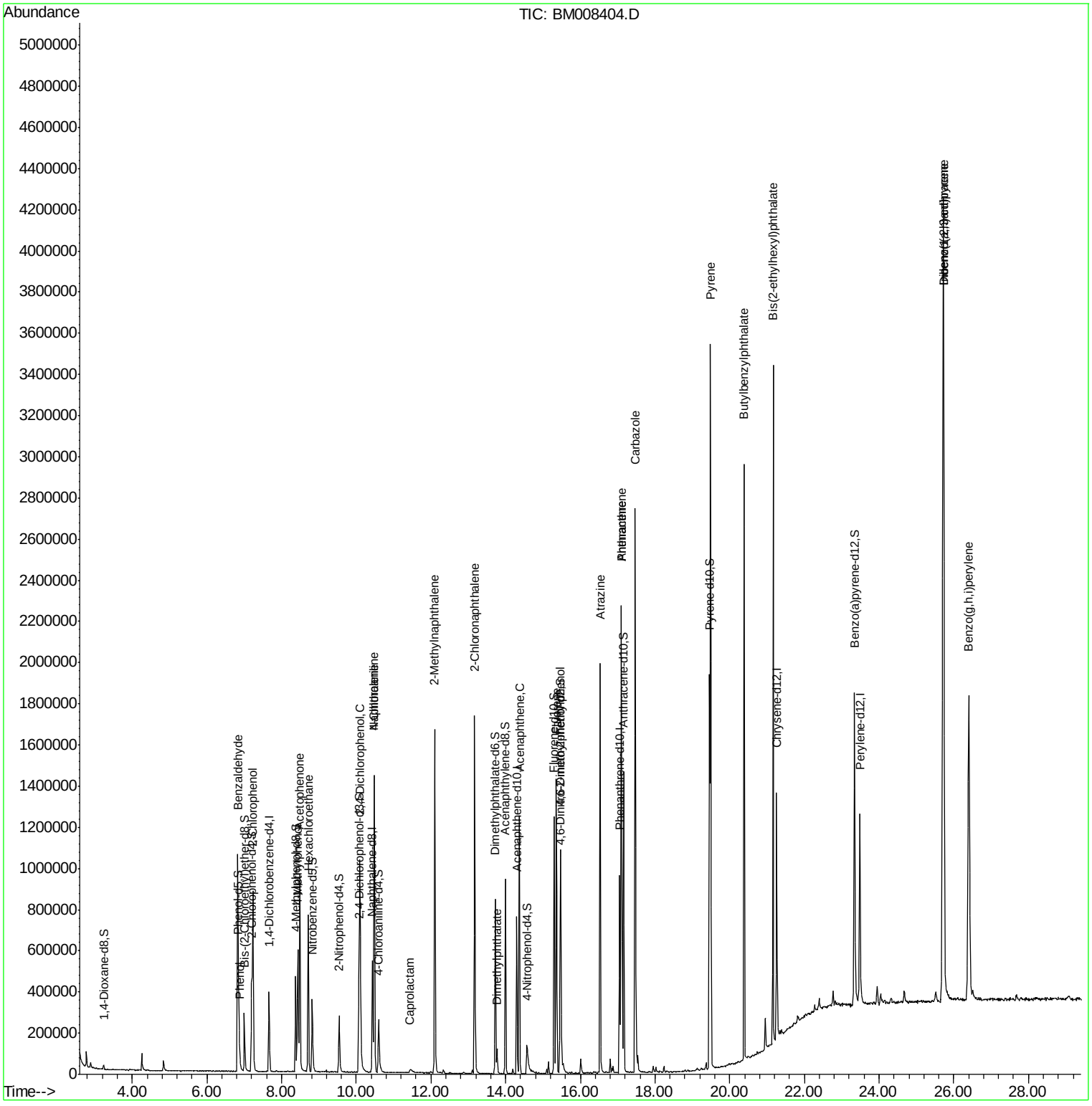
(#) = qualifier out of range (m) = manual integration (+) = signals summed

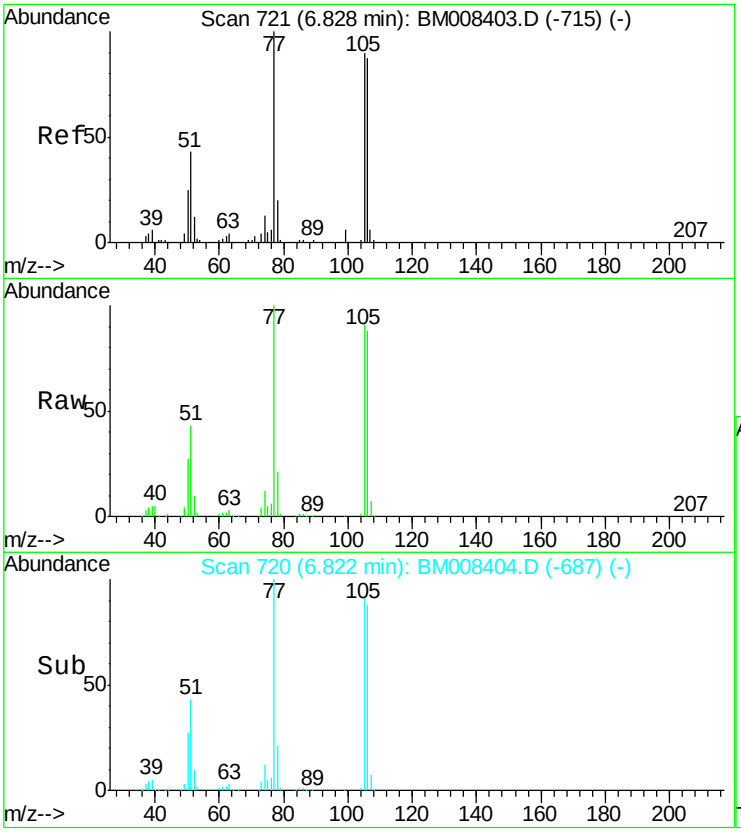
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008404.D
Acq On : 17 Dec 2016 10:29
Operator : UM/SJ
Sample : H6067-24
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA939

Quant Time: Dec 18 02:34:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 02:31:56 2016
Response via : Initial Calibration



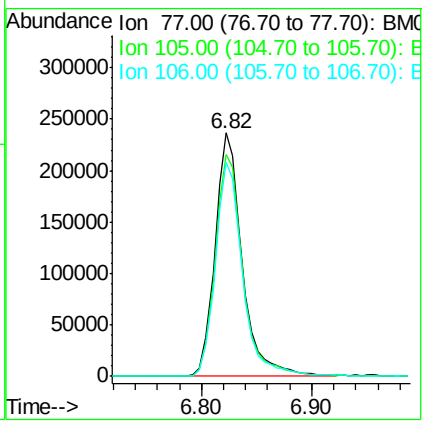


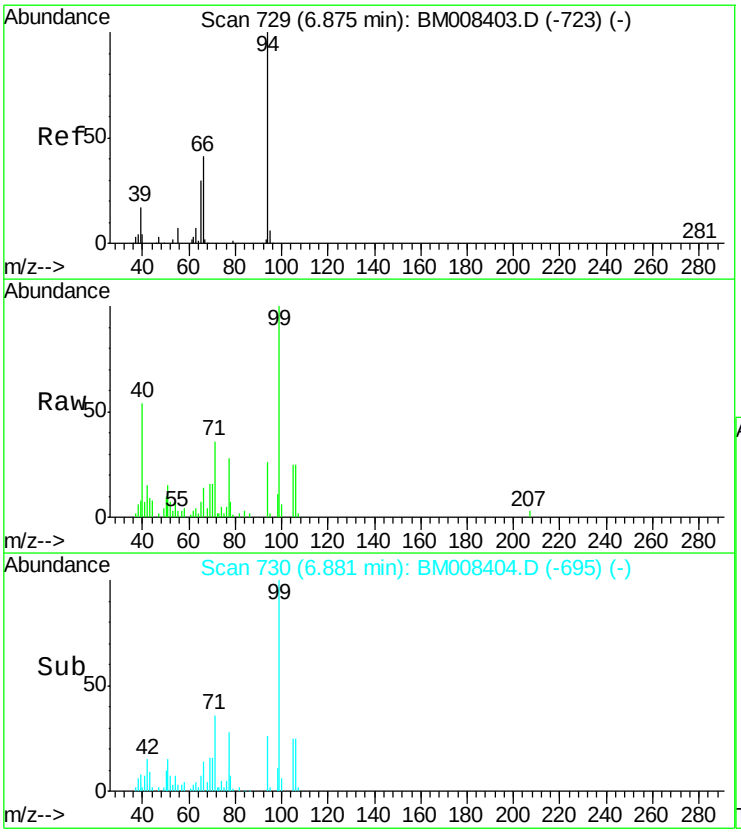
#4
Benzaldehyde
Concen: 71.89 ng/ul
RT: 6.82 min Scan# 720
Delta R.T. -0.01 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion: 77 Resp: 402508

Ion	Ratio	Lower	Upper
77	100		
105	91.0	70.2	105.4
106	87.8	66.6	99.8

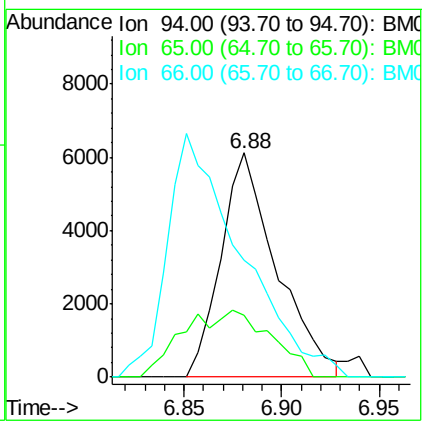


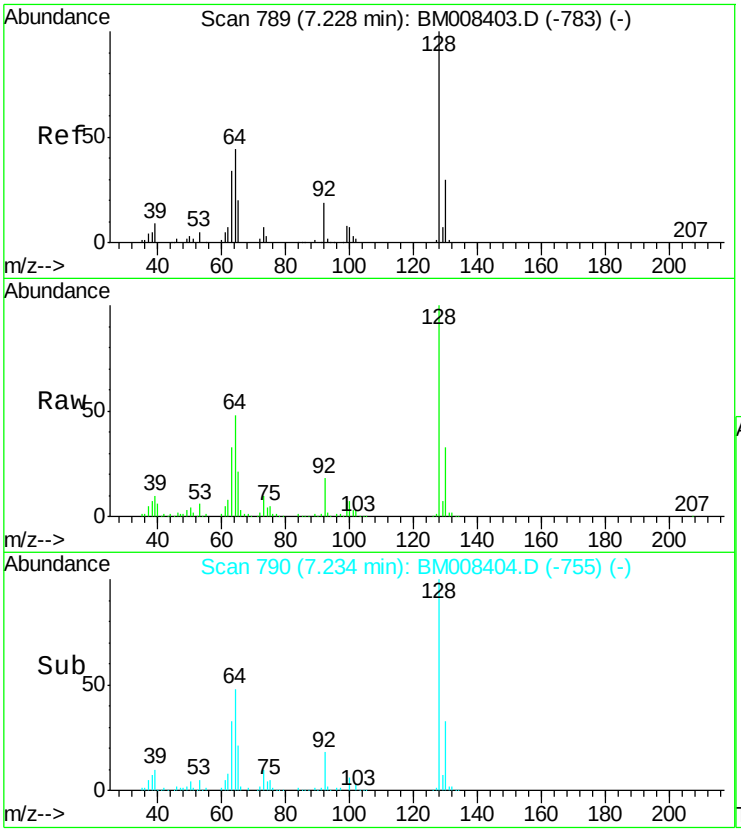


#6
Phenol
Concen: 1.38 ng/ul
RT: 6.88 min Scan# 730
Delta R.T. 0.01 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion: 94 Resp: 12151

Ion	Ratio	Lower	Upper
94	100		
65	27.9	22.6	34.0
66	52.2	35.8	53.8



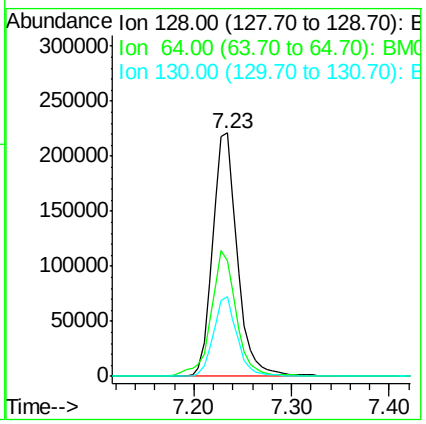


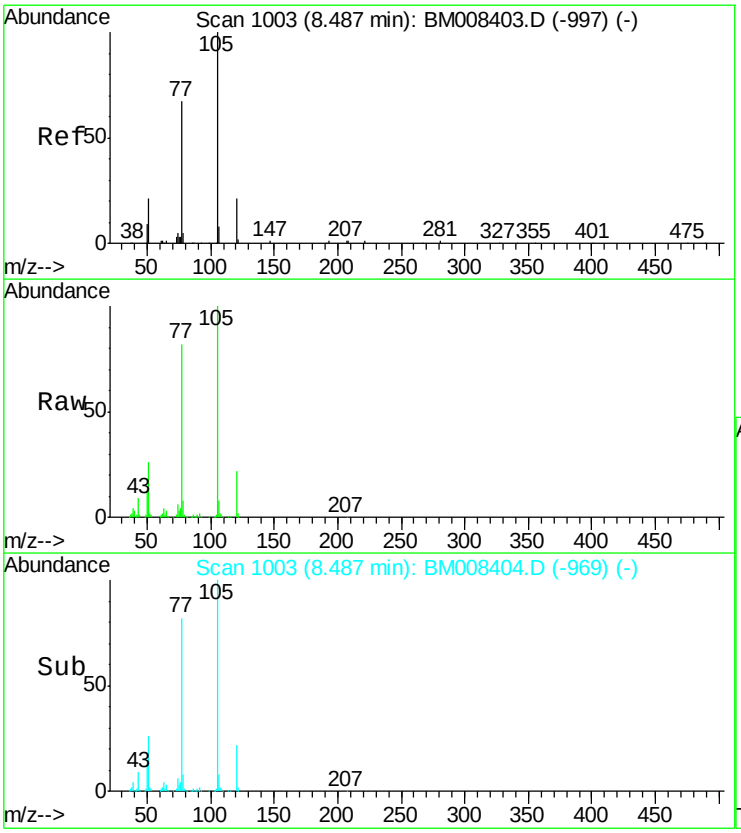
#10
2-Chlorophenol
Concen: 60.28 ng/ul
RT: 7.23 min Scan# 790
Delta R.T. 0.01 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion:128 Resp: 387519

Ion	Ratio	Lower	Upper
128	100		
64	47.6	40.0	60.0
130	32.8	25.6	38.4

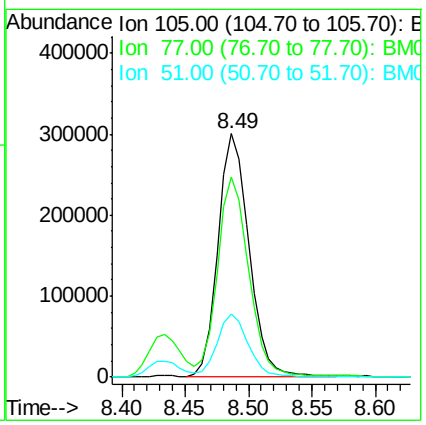


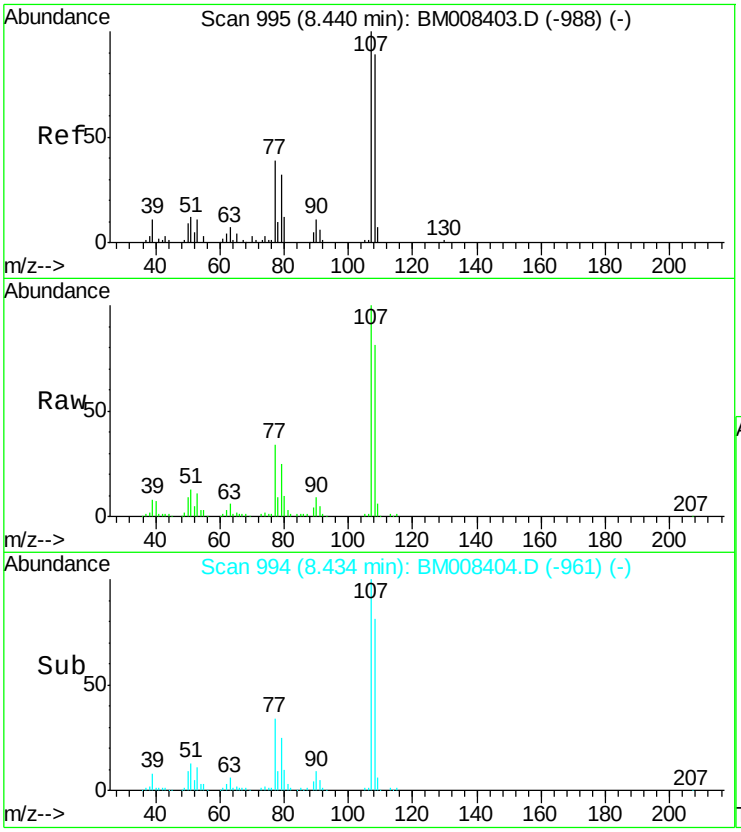


#14
Acetophenone
Concen: 47.26 ng/ul
RT: 8.49 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion:105 Resp: 506241

Ion	Ratio	Lower	Upper
105	100		
77	82.0	64.6	97.0
51	25.9	22.1	33.1



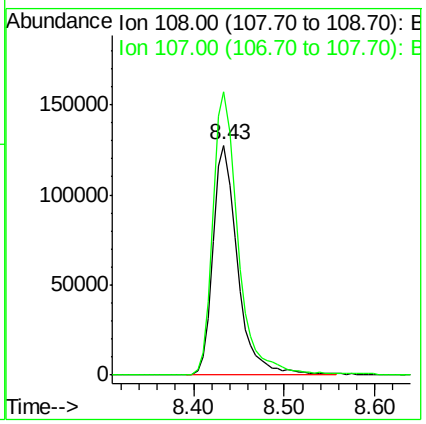


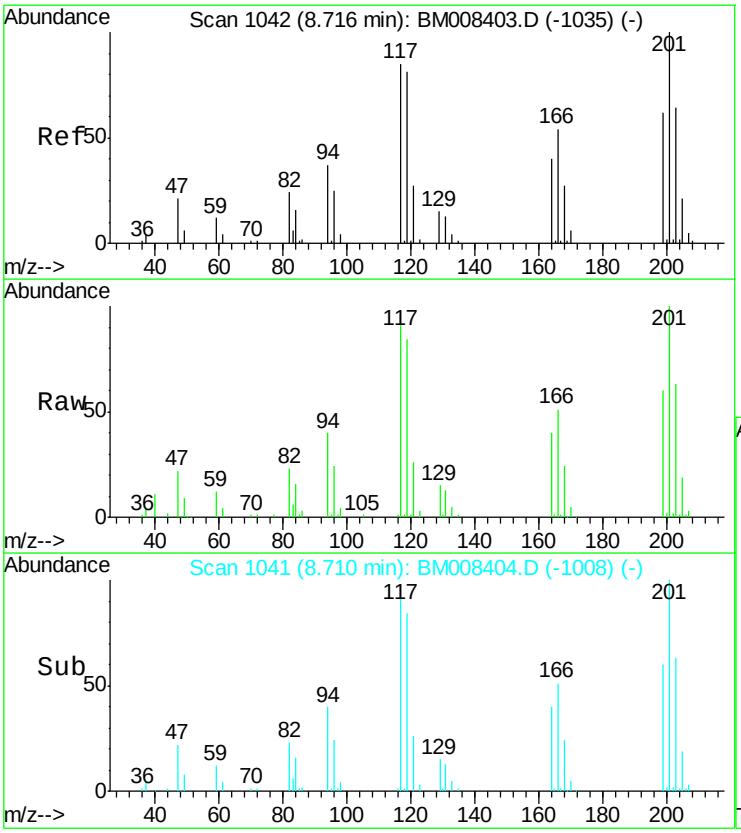
#16
4-Methylphenol
Concen: 34.49 ng/ul
RT: 8.43 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion:108 Resp: 240497

Ion	Ratio	Lower	Upper
108	100		
107	123.0	90.6	135.8

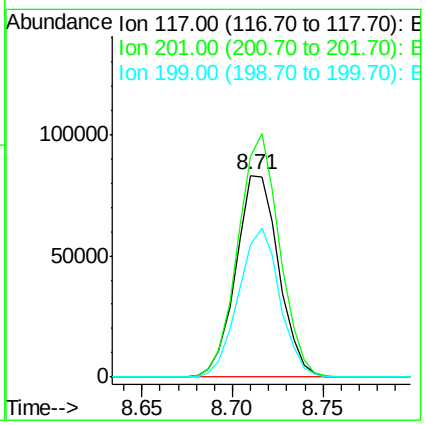


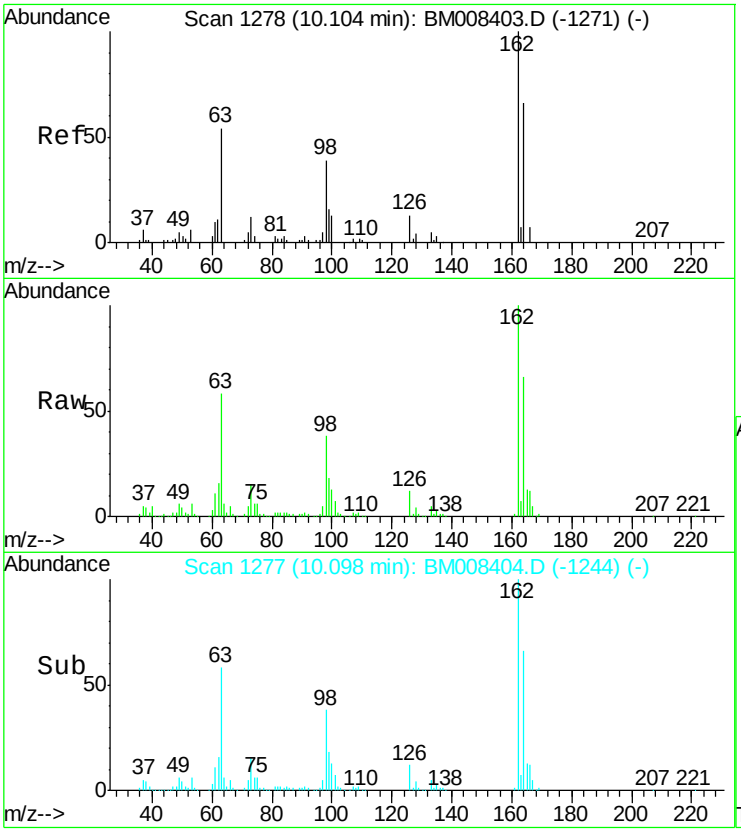


#17
Hexachloroethane
Concen: 46.54 ng/ul
RT: 8.71 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion:117 Resp: 136444

Ion	Ratio	Lower	Upper
117	100		
201	109.7	88.1	132.1
199	65.9	54.9	82.3



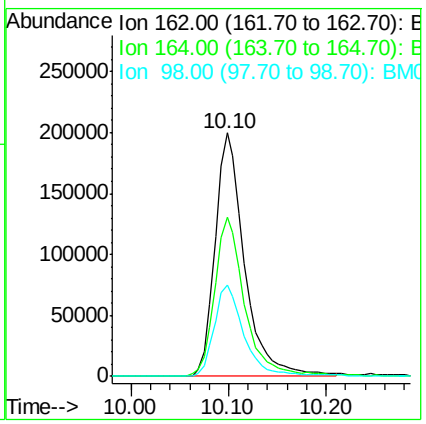


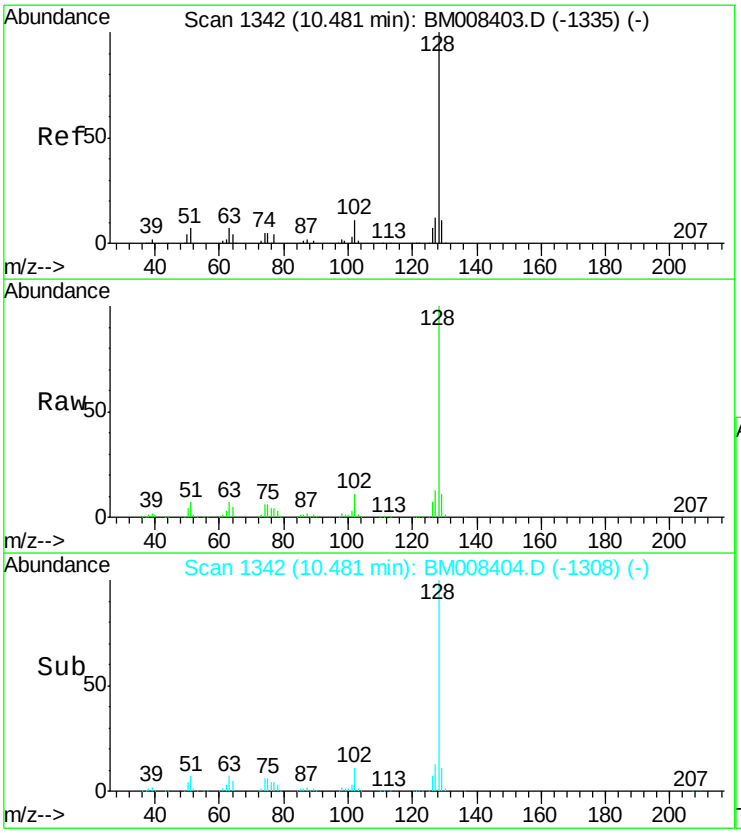
#27
2,4-Dichlorophenol
Concen: 67.52 ng/ul
RT: 10.10 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion:162 Resp: 418064

Ion	Ratio	Lower	Upper
162	100		
164	65.6	50.4	75.6
98	37.5	29.1	43.7

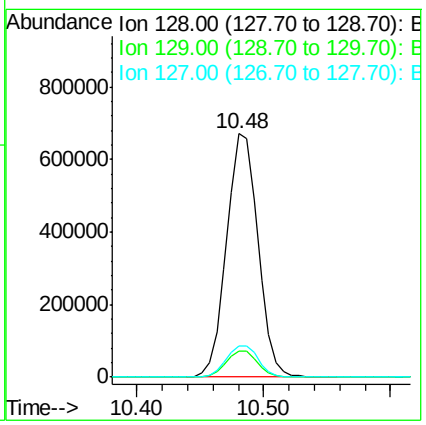


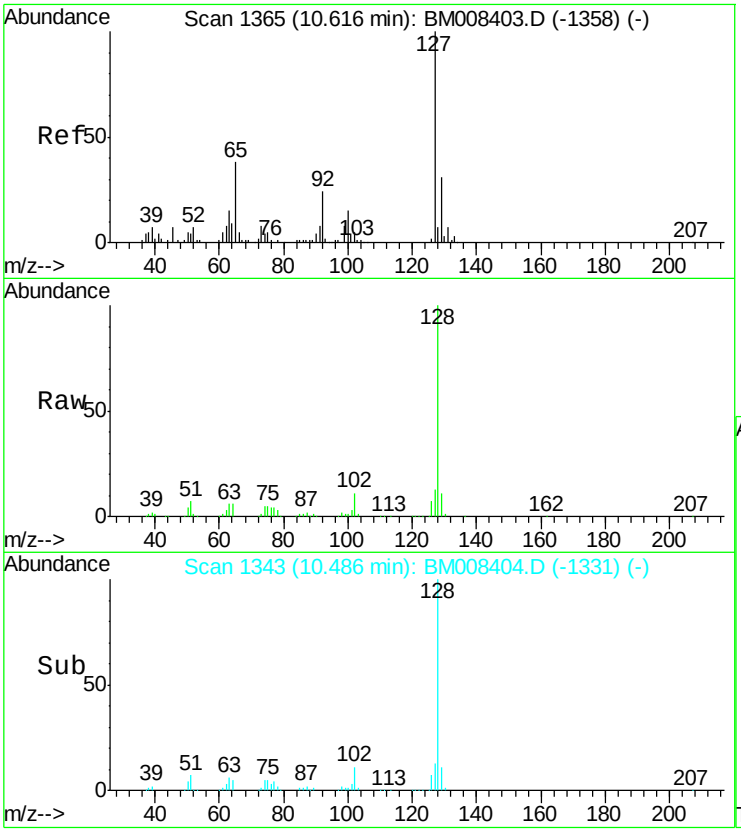


#28
Naphthalene
Concen: 58.14 ng/ul
RT: 10.48 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion:128 Resp: 1152248

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.4	12.6
127	12.9	10.4	15.6



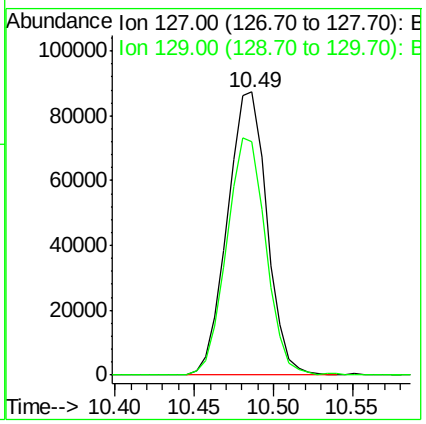


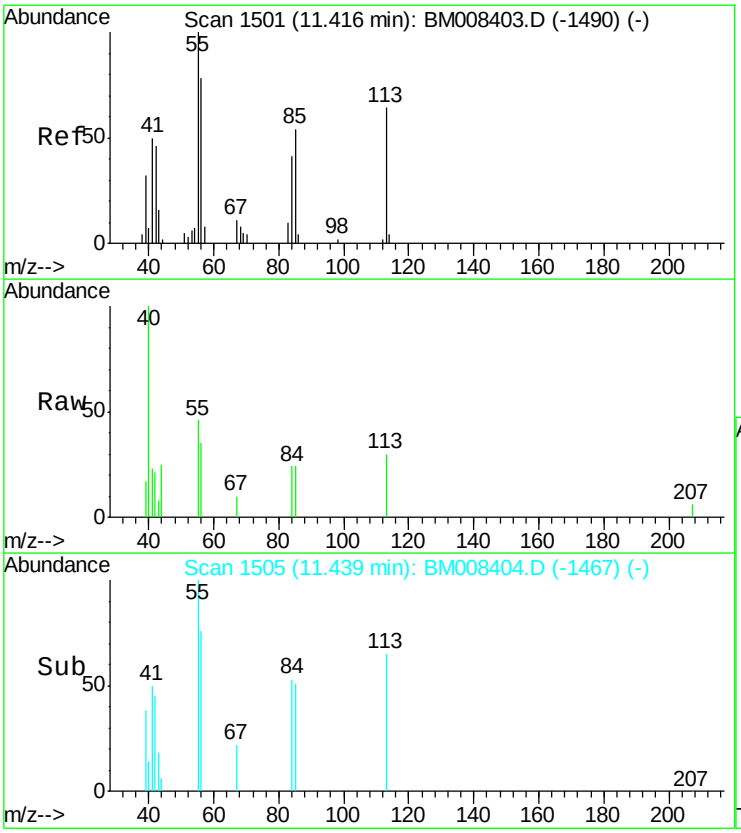
#30
4-Chloroaniline
Concen: 21.34 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. -0.13 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion:127 Resp: 151473

Ion	Ratio	Lower	Upper
127	100		
129	82.6	26.8	40.2#

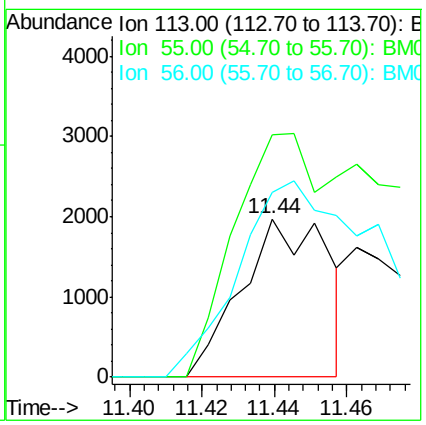


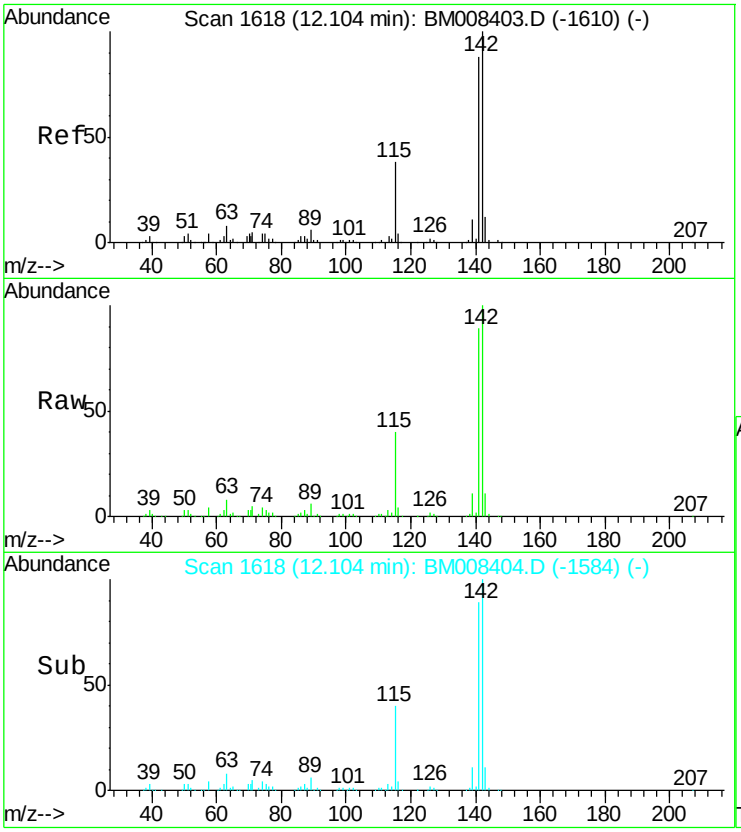


#32
Caprolactam
Concen: 1.69 ng/ul
RT: 11.44 min Scan# 1505
Delta R.T. 0.02 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion:113 Resp: 3290

Ion	Ratio	Lower	Upper
113	100		
55	153.3	126.1	189.1
56	116.8	91.3	136.9



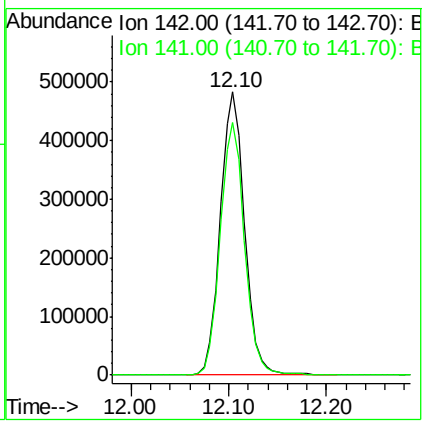


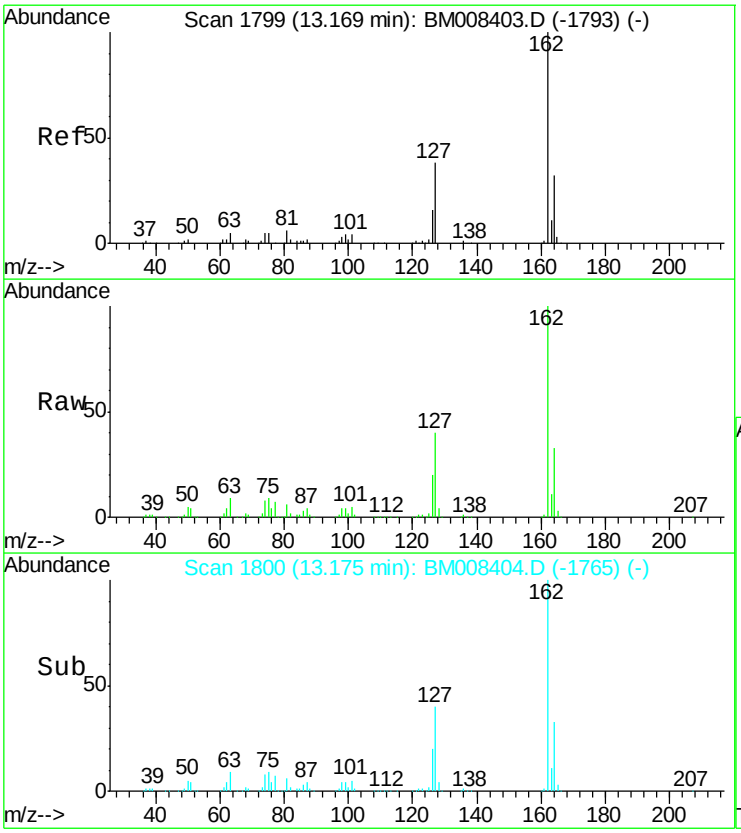
#34
2-Methylnaphthalene
Concen: 57.91 ng/ul
RT: 12.10 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion:142 Resp: 829348

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.1	106.7

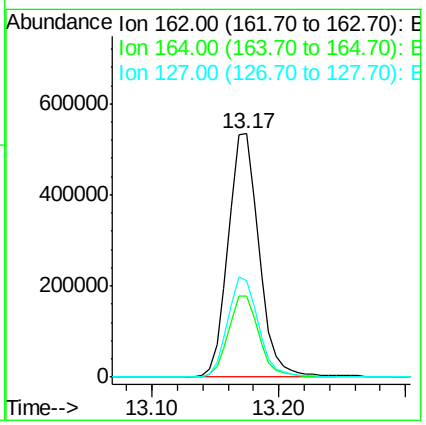


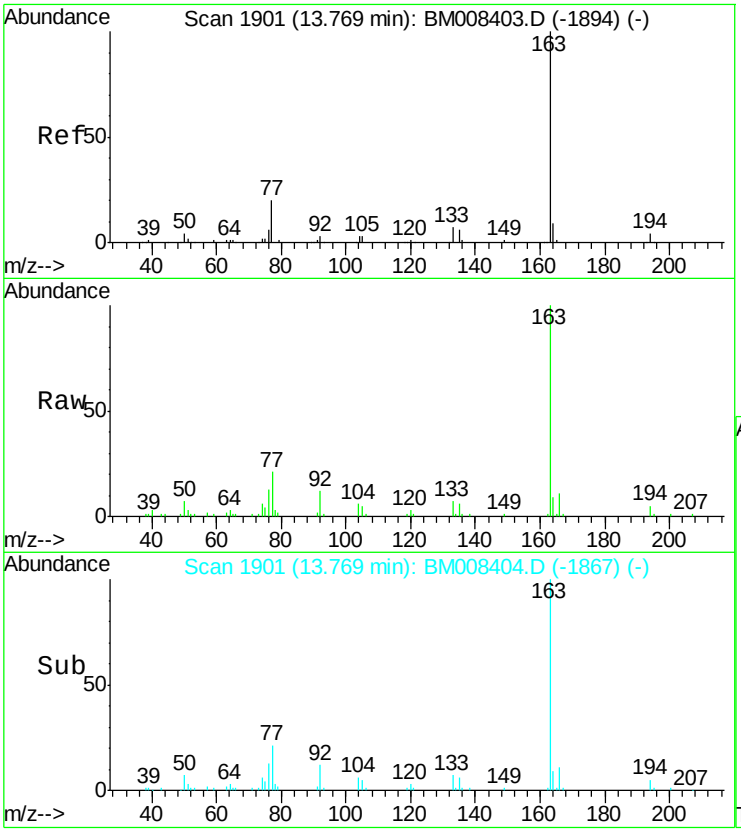


#41
2-Chloronaphthalene
Concen: 66.38 ng/ul
RT: 13.17 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion:162 Resp: 899687

Ion	Ratio	Lower	Upper
162	100		
164	33.1	25.2	37.8
127	39.8	31.6	47.4



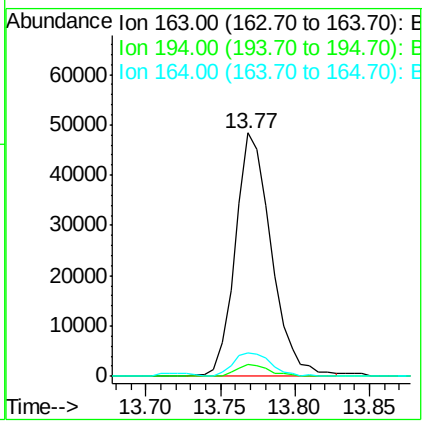


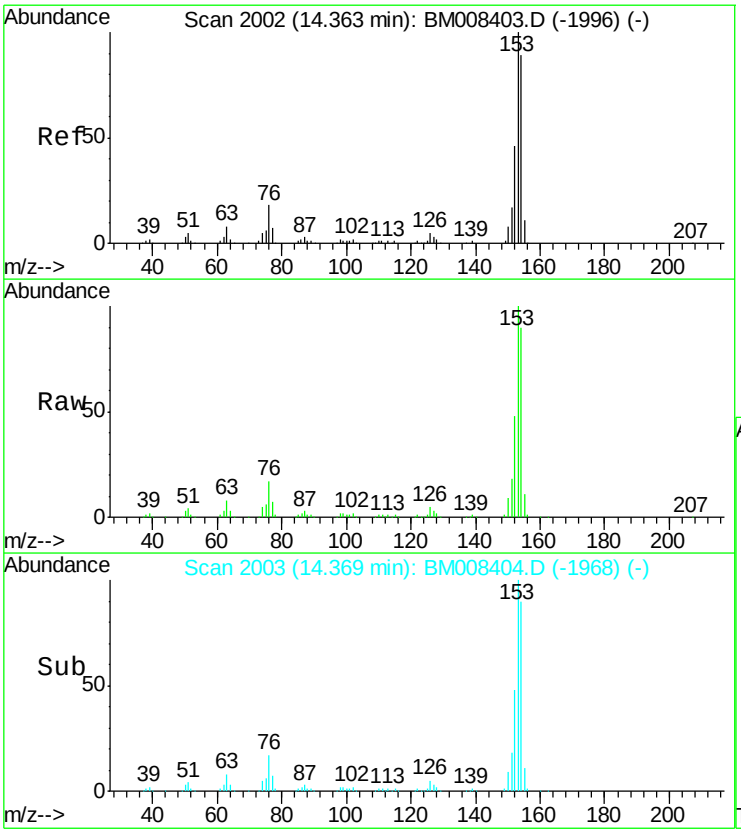
#44
Dimethylphthalate
Concen: 4.70 ng/ul
RT: 13.77 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion:163 Resp: 81138

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	9.4	7.8	11.8

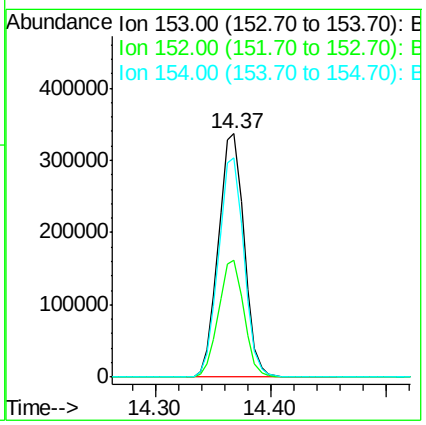


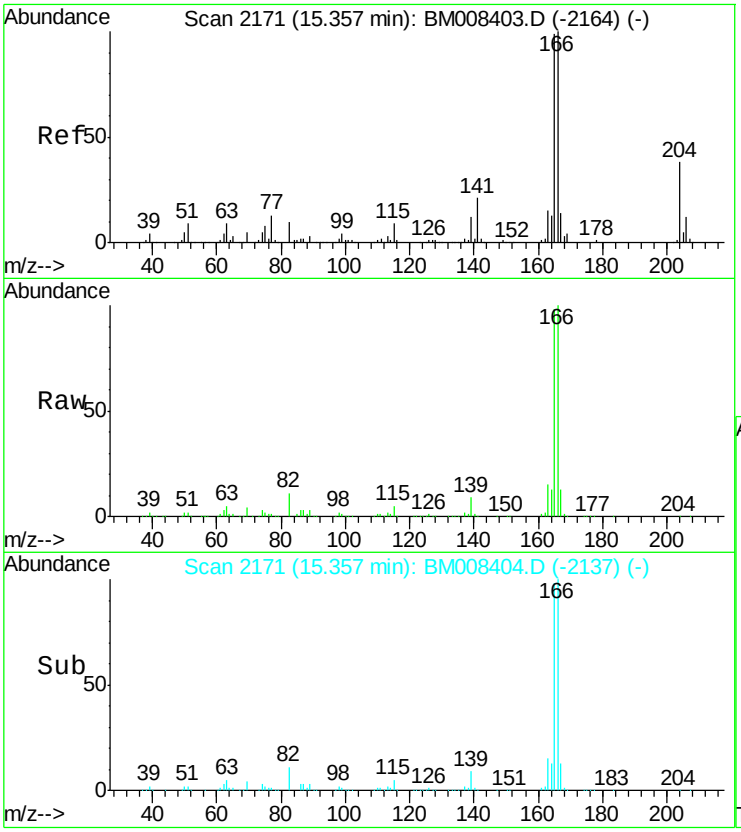


#49
Acenaphthene
Concen: 35.95 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion:153 Resp: 523499

Ion	Ratio	Lower	Upper
153	100		
152	48.1	36.6	54.8
154	90.3	71.4	107.2



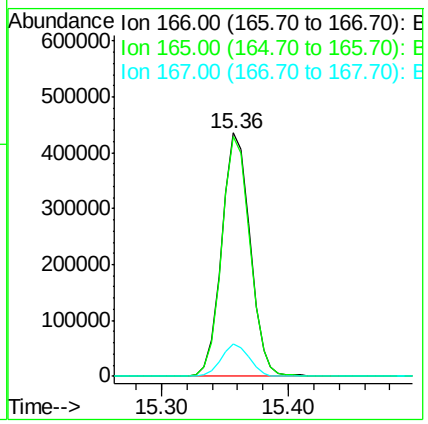


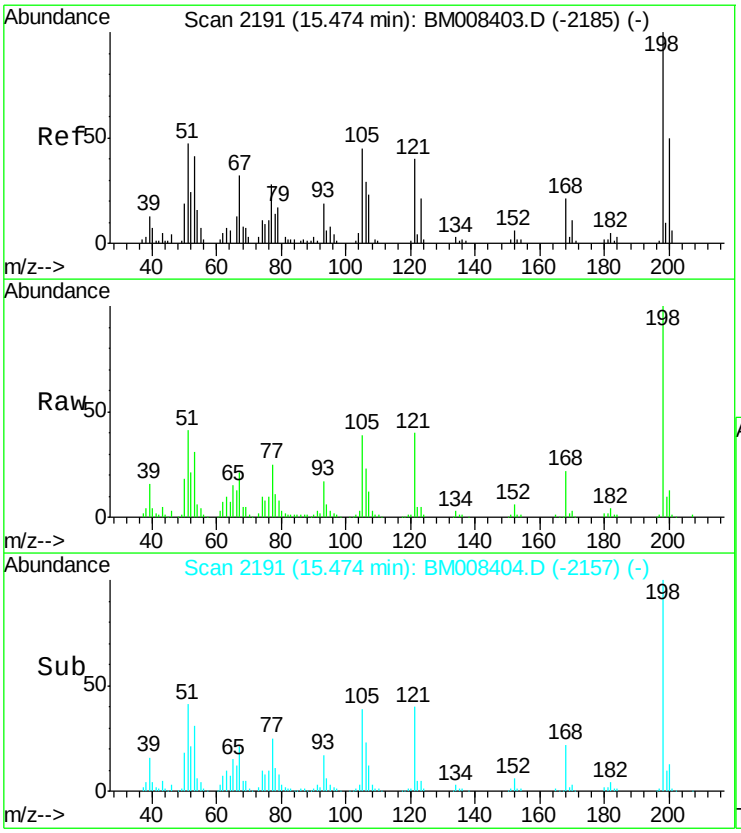
#58
Fluorene
Concen: 38.64 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion:166 Resp: 673563

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.3	118.9
167	13.4	10.7	16.1

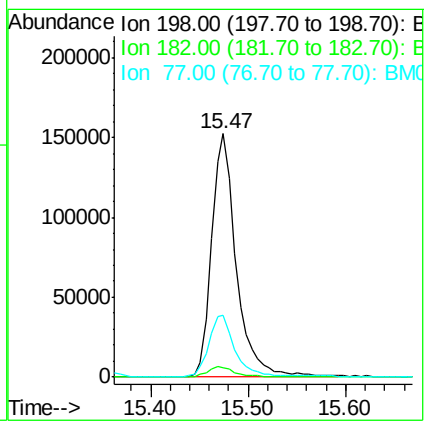


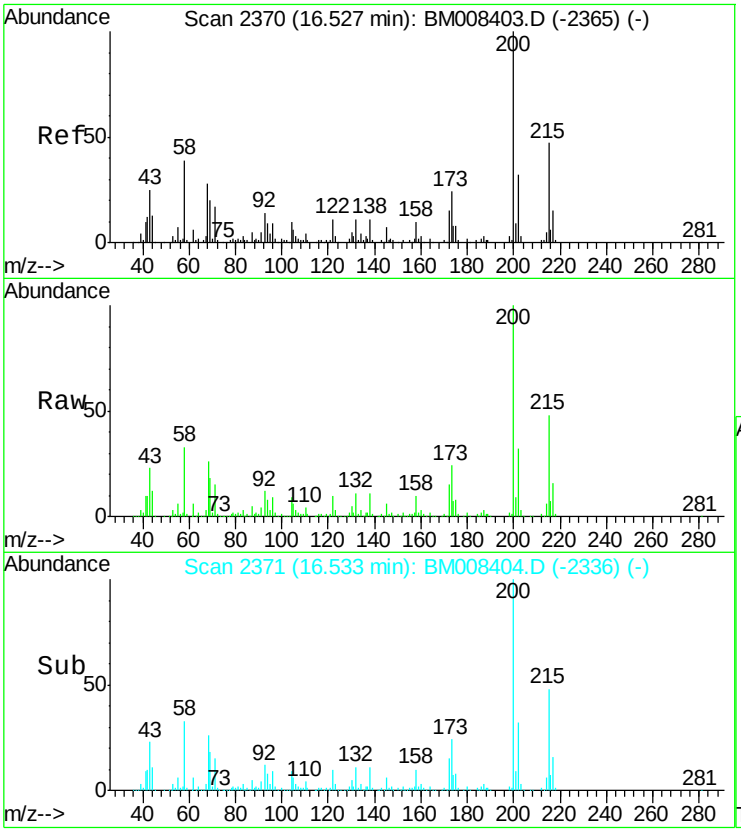


#63
4,6-Dinitro-2-methylphenol
Concen: 80.97 ng/ul
RT: 15.47 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion:198 Resp: 267665

Ion	Ratio	Lower	Upper
198	100		
182	3.8	4.2	6.2#
77	25.3	23.0	34.4



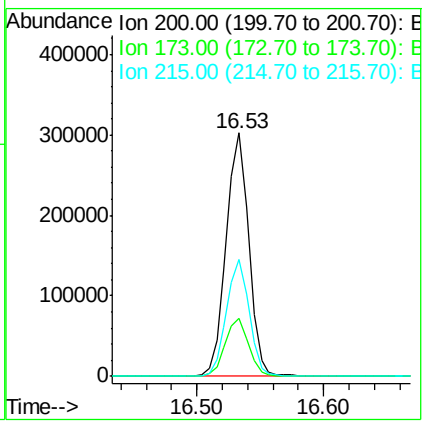


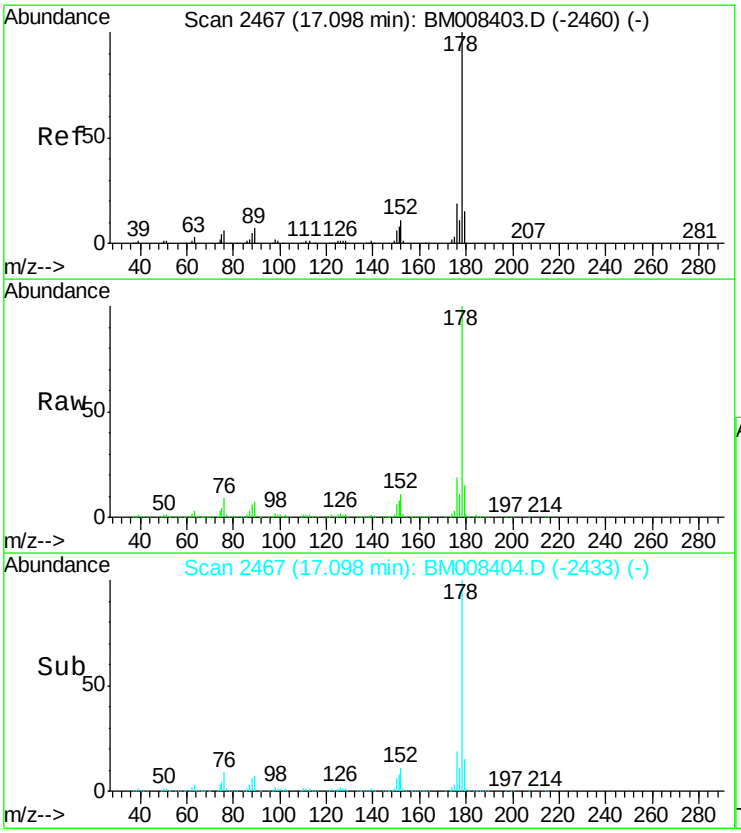
#67
Atrazine
Concen: 62.06 ng/ul
RT: 16.53 min Scan# 2371
Delta R.T. 0.01 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion:200 Resp: 375171

Ion	Ratio	Lower	Upper
200	100		
173	23.9	20.1	30.1
215	47.9	39.0	58.6

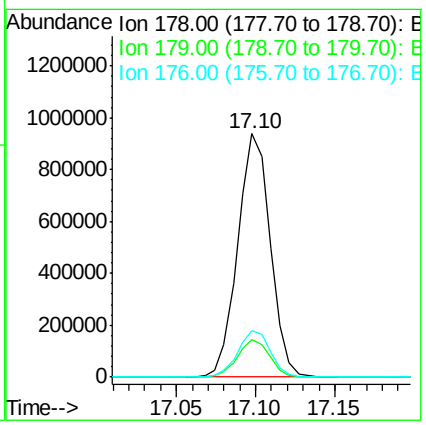


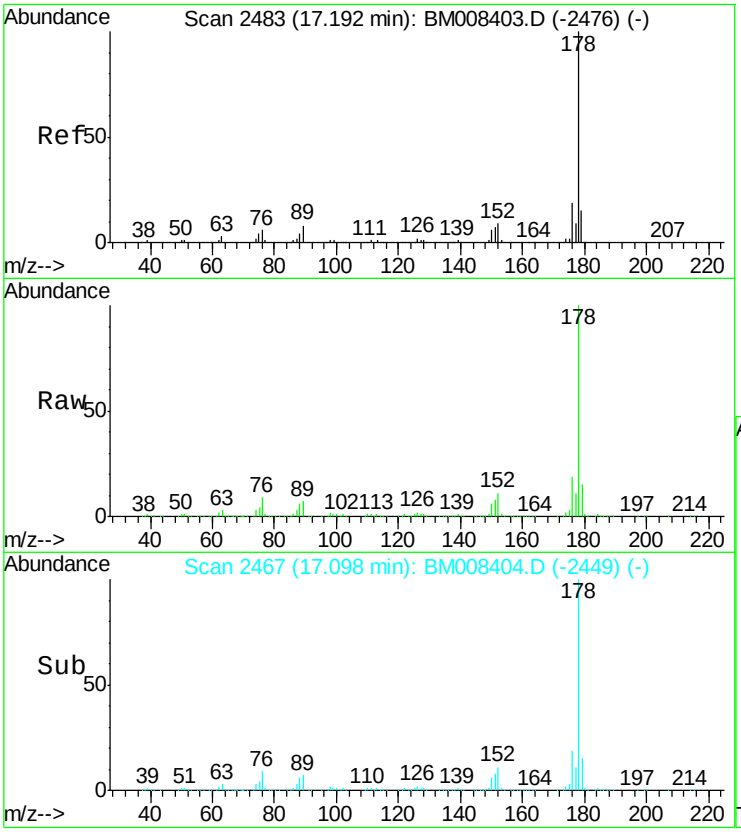


#69
Phenanthrene
Concen: 48.22 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion:178 Resp: 1339038

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	19.0	14.6	21.8



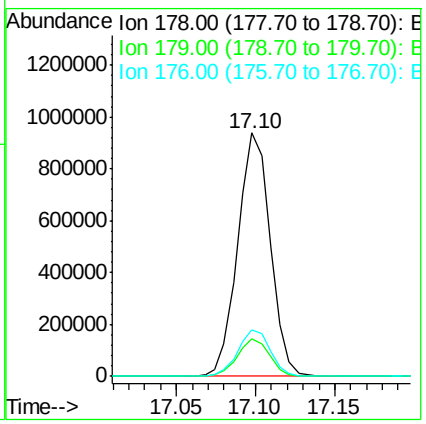


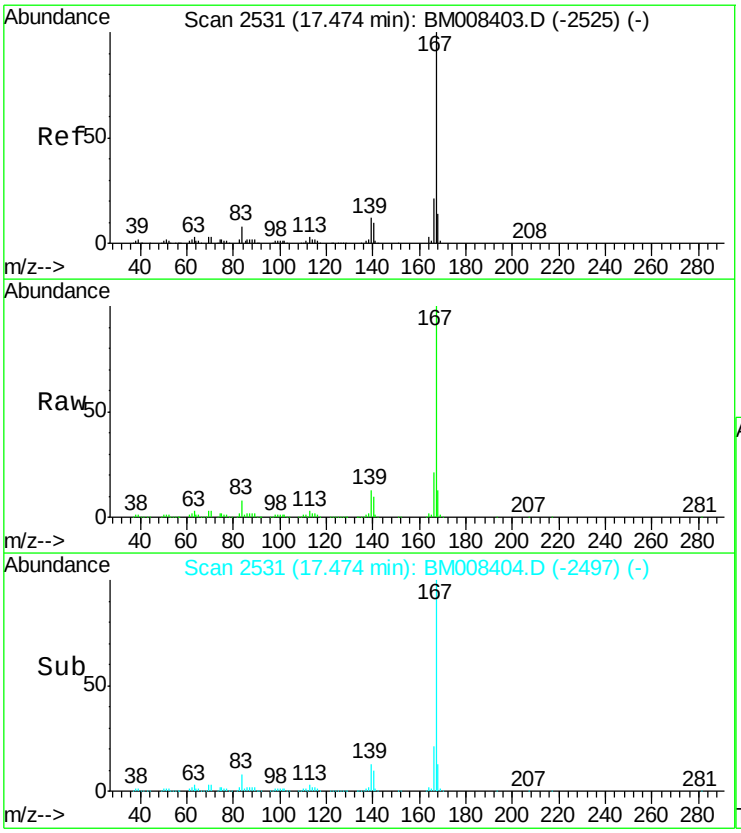
#71
Anthracene
Concen: 47.50 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.09 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion:178 Resp: 1339038

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	19.0	14.3	21.5

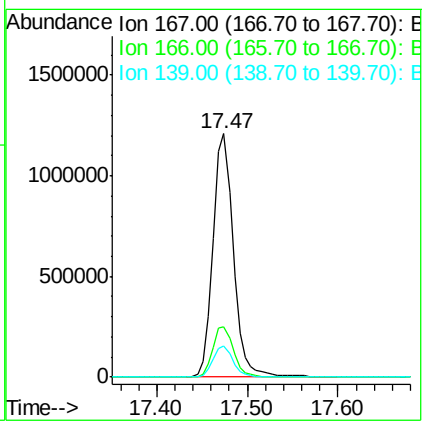


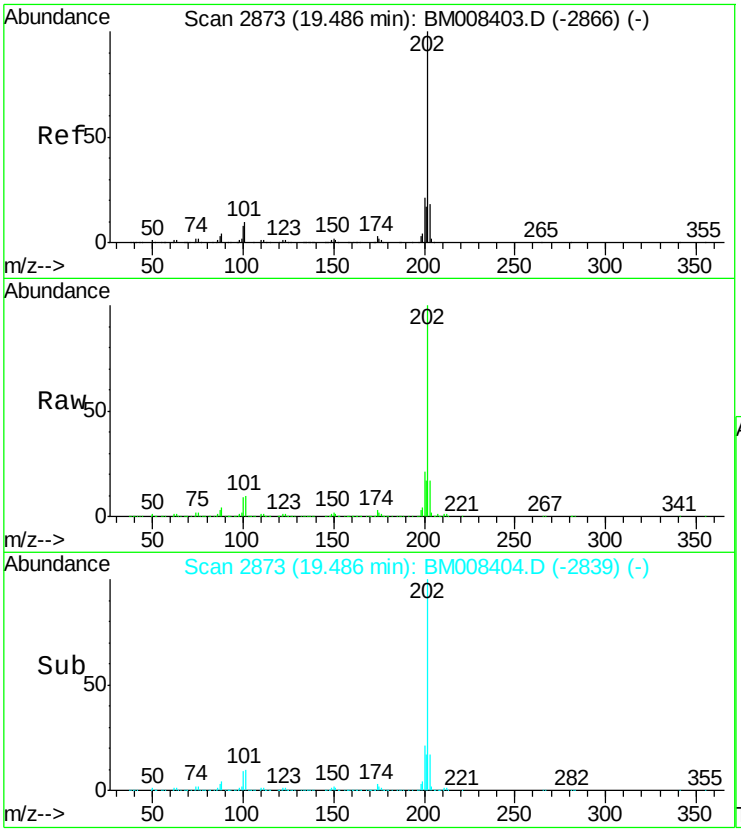


#72
Carbazole
Concen: 76.21 ng/ul
RT: 17.47 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion:167 Resp: 1891727

Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.4	24.6
139	12.6	10.2	15.4



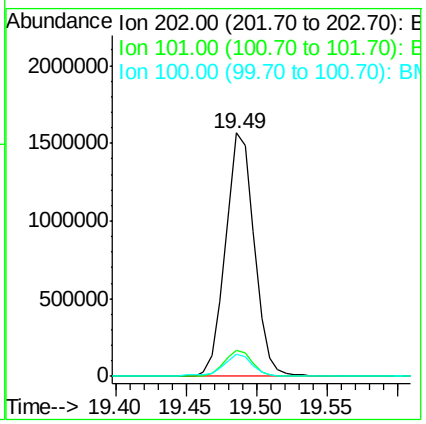


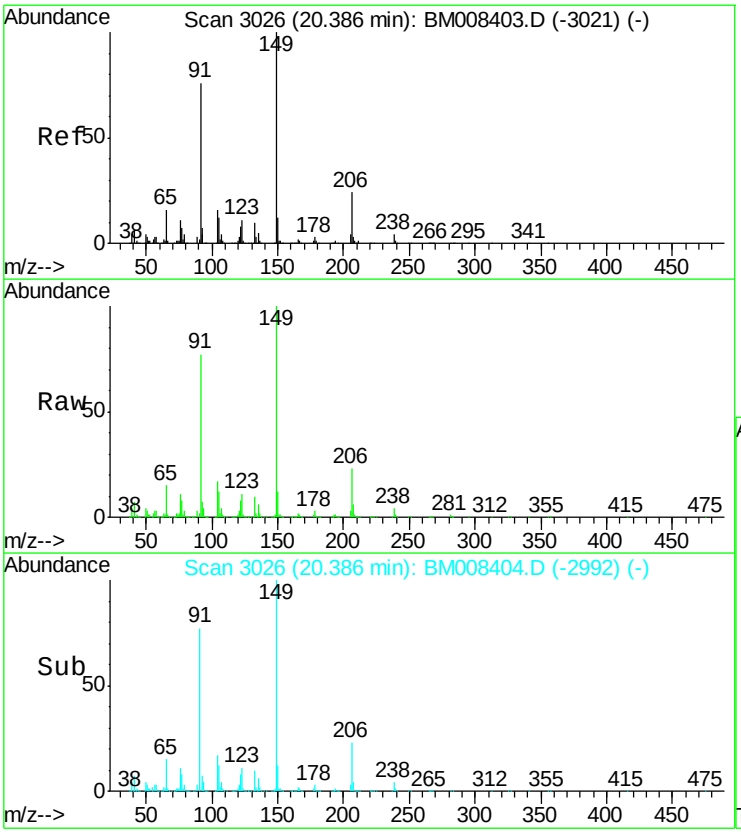
#77
Pyrene
Concen: 64.77 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. -0.00 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion:202 Resp: 2208539

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.2	12.4
100	8.9	7.0	10.6

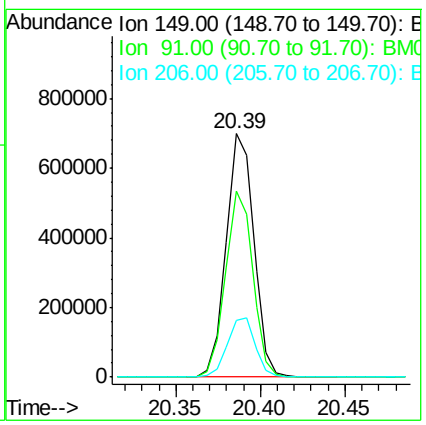


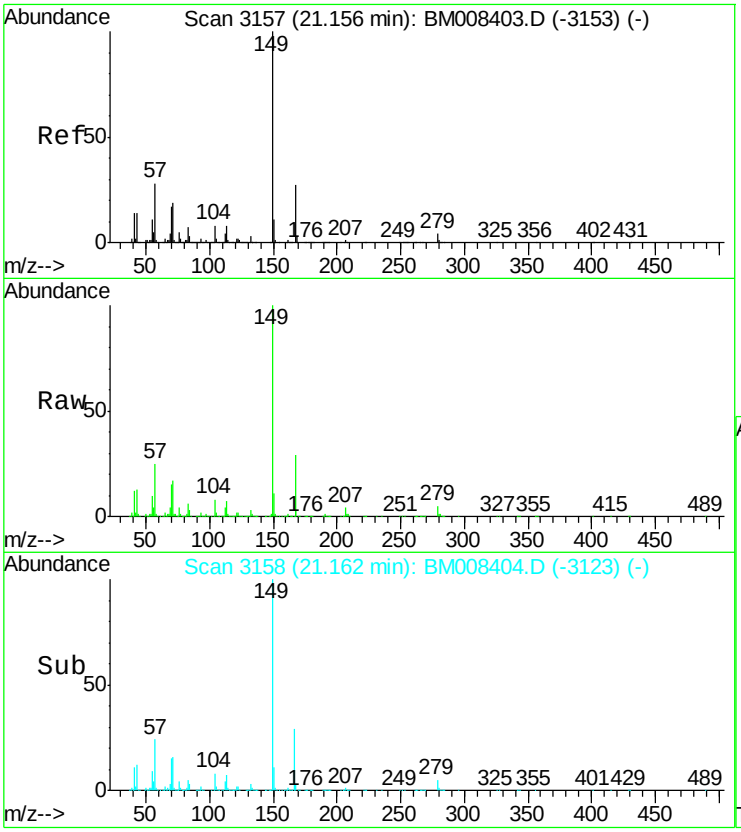


#78
Butylbenzylphthalate
Concen: 65.11 ng/ul
RT: 20.39 min Scan# 3026
Delta R.T. -0.00 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion:149 Resp: 796235

Ion	Ratio	Lower	Upper
149	100		
91	76.6	59.3	88.9
206	23.5	20.0	30.0



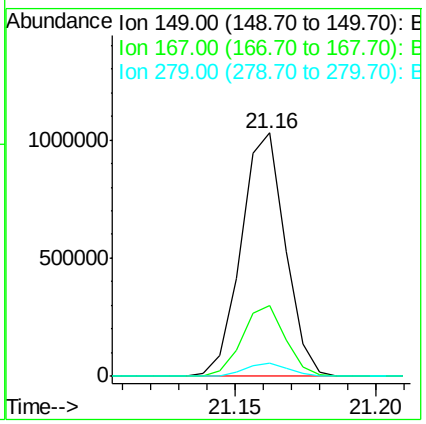


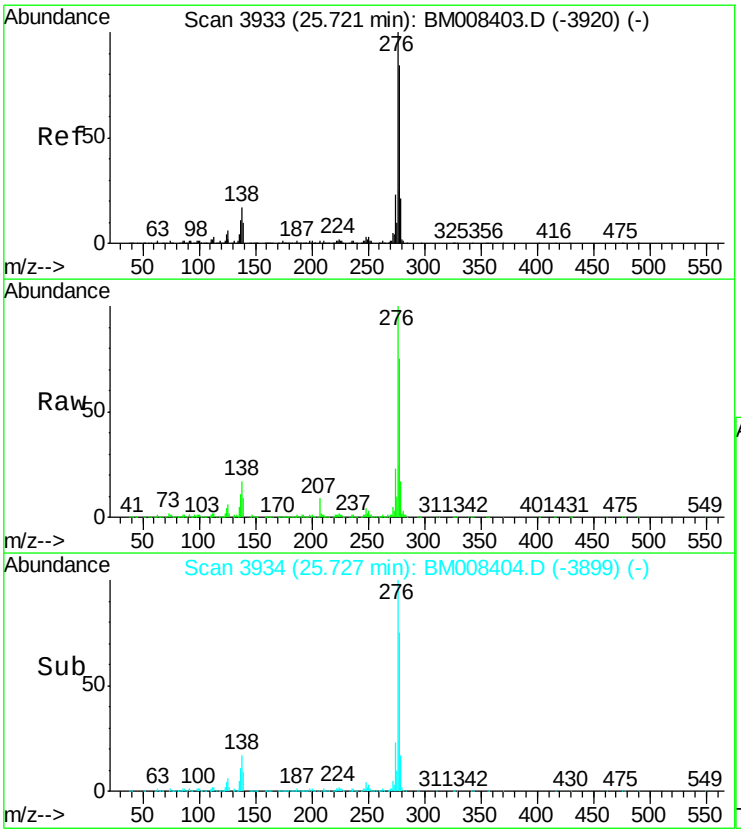
#81
Bis(2-ethylhexyl)phthalate
Concen: 62.25 ng/ul
RT: 21.16 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion:149 Resp: 1114793

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.6	34.0
279	5.4	4.2	6.4

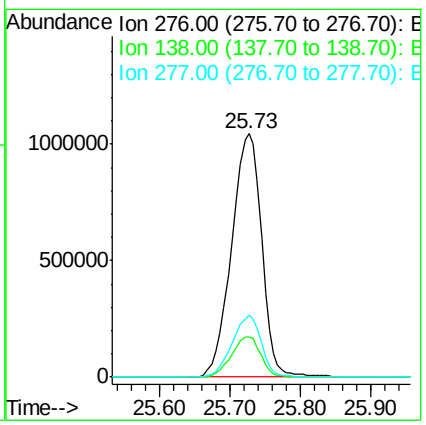


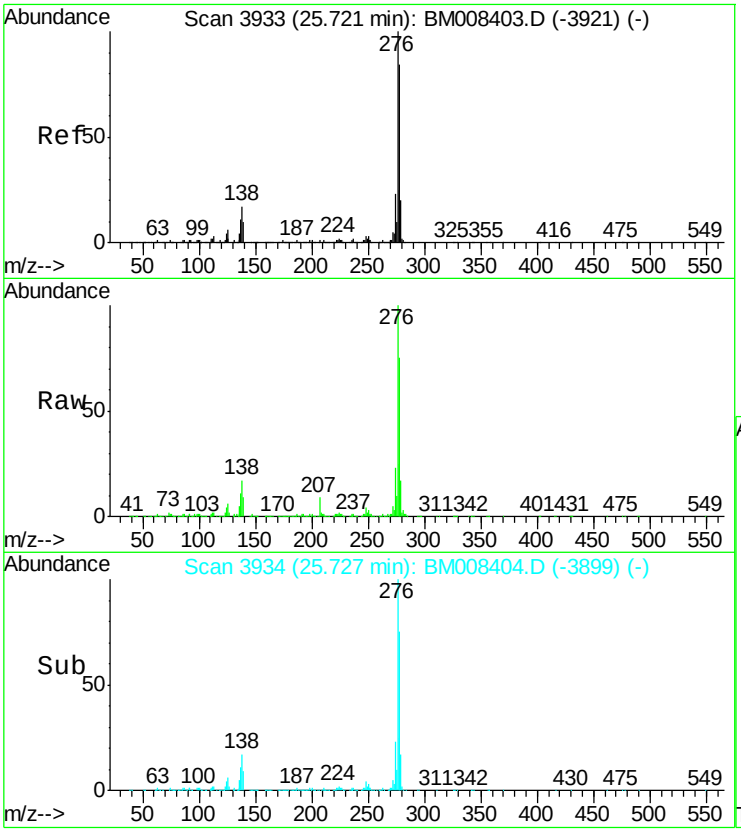


#89
Indeno(1,2,3-cd)pyrene
Concen: 68.23 ng/ul
RT: 25.73 min Scan# 3934
Delta R.T. 0.01 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion:276 Resp: 3105115

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.4	20.2
277	25.3	19.7	29.5



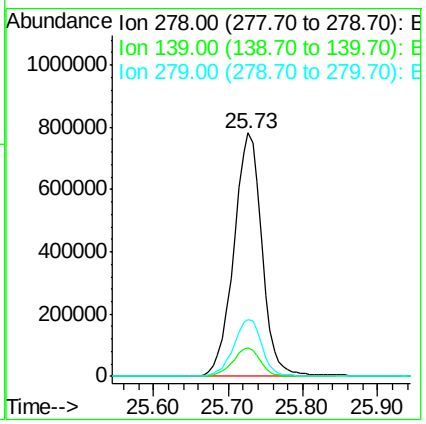


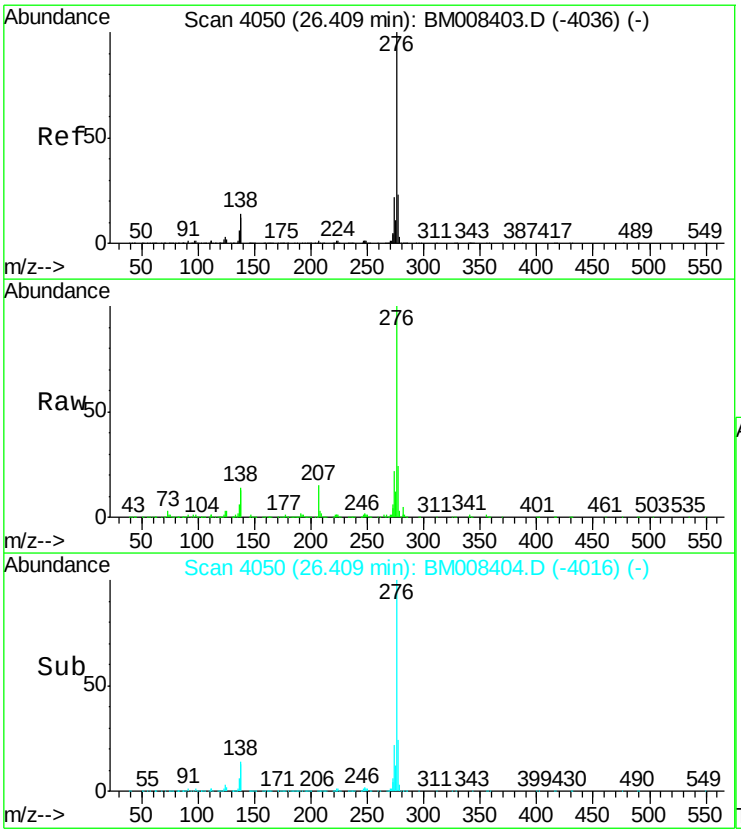
#90
Dibenzo(a,h)anthracene
Concen: 53.59 ng/ul
RT: 25.73 min Scan# 3934
Delta R.T. 0.01 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Instrument :
BNA_M
ClientSampleId :
DA939

Tgt Ion:278 Resp: 2047978

Ion	Ratio	Lower	Upper
278	100		
139	11.6	9.4	14.0
279	23.1	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 51.07 ng/ul
RT: 26.41 min Scan# 4050
Delta R.T. -0.00 min
Lab File: BM008404.D
Acq: 17 Dec 2016 10:29

Tgt Ion:276 Resp: 1944049

Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.0	18.0
277	24.2	19.4	29.0