Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043017\

Quantitation Report (Not Reviewed)

Data File : BM009809.D
Acq On : 30 Apr 2017 13:35
Operator : SJ/MA
Sample : I2849-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST4

Quant Time: May 01 01:18:20 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 01:17:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	187231	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	827288	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	559982	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1052702	20.00	ng/ul	0.01
75) Chrysene-d12	21.40	240	1116954	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1044392	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	14478	3.56	ng/uL	0.00
5) Phenol-d5	6.98	99	430545	21.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	397873	28.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	285737	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	300327	18.94	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	218513	32.45	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	180171	25.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	321736	22.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	301483	17.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1081842	22.21	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1340195	22.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	263017	27.98	ng/ul	0.00
57) Fluorene-d10	15.47	176	957685	21.78	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.60	200	144071	19.40	ng/ul	0.01
70) Anthracene-d10	17.32	188	1406319	26.02	ng/ul	0.01
76) Pyrene-d10	19.62	212	1348224	27.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1349465	26.57	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.96	77	312757	23.60	ng/ul#	1
6) Phenol	7.01	94	23674	1.13	ng/ul#	21
14) Acetophenone	8.61	105	2718145	104.21	ng/ul#	14
17) Hexachloroethane	8.92	117	1136954	184.80	ng/ul#	11
20) Nitrobenzene	9.00	77	183623	8.40	ng/ul#	13
21) Isophorone	9.52	82	246868	6.38	ng/ul#	1
24) 2,4-Dimethylphenol	9.80	107	71262	3.71	ng/ul#	46
25) Bis(2-Chloroethoxy)methane	10.02	93	43678	1.95	ng/ul#	1
28) Naphthalene	10.67	128	1651015	37.47	ng/ul#	94
30) 4-Chloroaniline	10.82	127	20002	1.17	ng/ul#	1
34) 2-Methylnaphthalene	12.29	142	3636577	107.33	ng/ul	99
40) 1,1'-Biphenyl	13.30	154	272356	5.91	ng/ul	94
44) Dimethylphthalate	13.92	163	261703	5.43	ng/ul#	90
45) 2,6-Dinitrotoluene	14.06	165	10424	1.08	ng/ul#	29
47) Acenaphthylene	14.19	152	74711	1.29	ng/ul#	1
49) Acenaphthene	14.54	153	189811	4.82	ng/ul#	56
53) Dibenzofuran	14.87	168	269162	4.66	ng/ul#	46
54) 2,4-Dinitrotoluene	14.87	165	91167	6.25	ng/ul#	98
58) Fluorene	15.52	166	423701	8.60	ng/ul#	88
64) N-Nitrosodiphenylamine	15.73	169	520768	16.12	ng/ul#	46
67) Atrazine	16.67	200	18349	1.42	ng/ul#	30
69) Phenanthrene	17.27	178	1052383	17.39	ng/ul#	92
71) Anthracene	17.36	178	66062	1.04	ng/ul#	52

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043017\

Quantitation Report (Not Reviewed)

Data File : BM009809.D
Acq On : 30 Apr 2017 13:35
Operator : SJ/MA
Sample : I2849-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST4

Quant Time: May 01 01:18:20 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 01:17:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	19.27	202	113388	1.49	ng/ul#	65
77) Pyrene	19.64	202	263946	4.18	ng/ul#	80
78) Butylbenzylphthalate	20.53	149	127828	4.89	ng/ul	88
81) Bis(2-ethylhexyl)phthalate	21.29	149	418745	10.57	ng/ul#	89

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043017\

Quantitation Report (Not Reviewed)

Data File : BM009809.D
Acq On : 30 Apr 2017 13:35
Operator : SJ/MA
Sample : I2849-09
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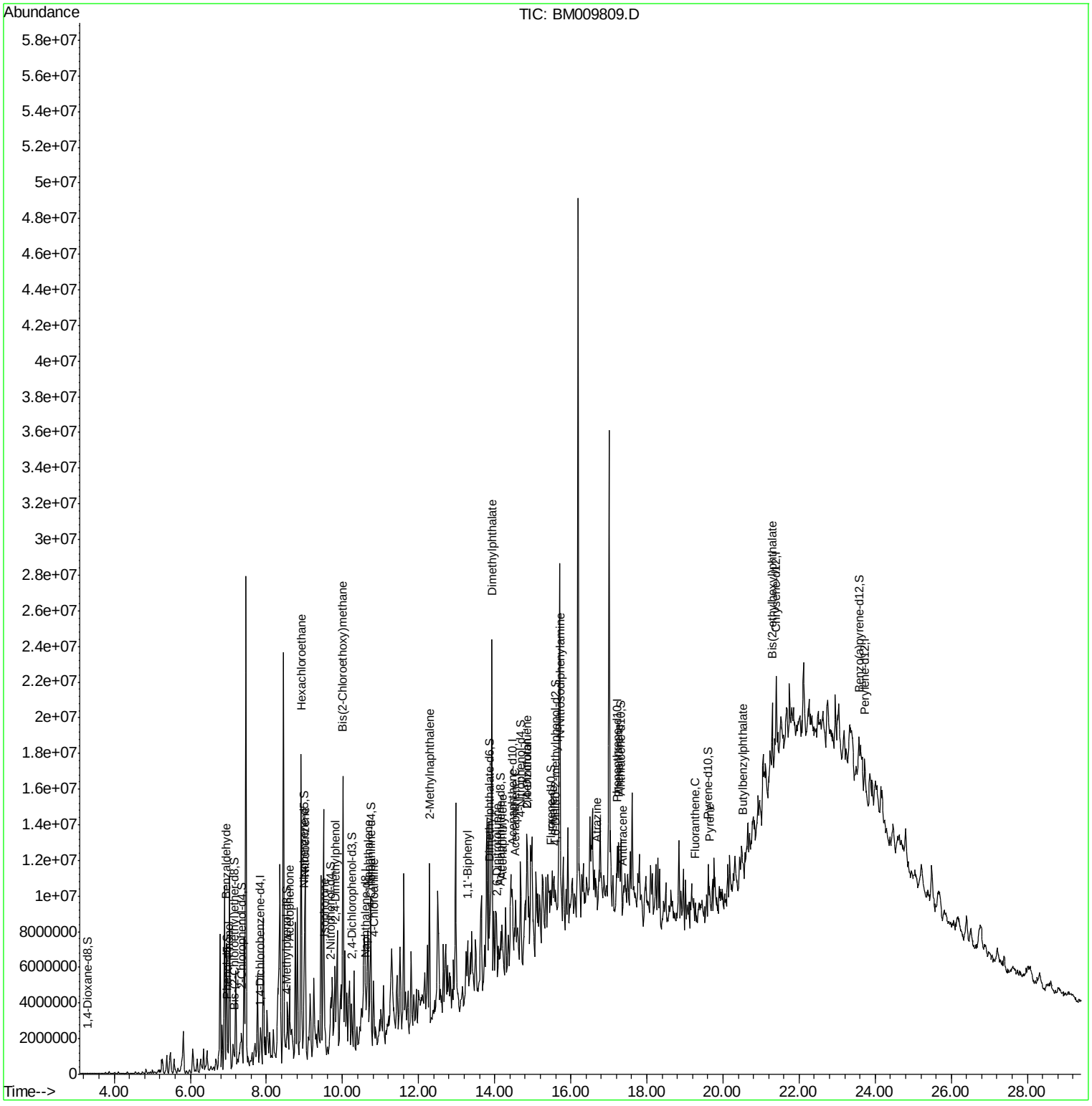
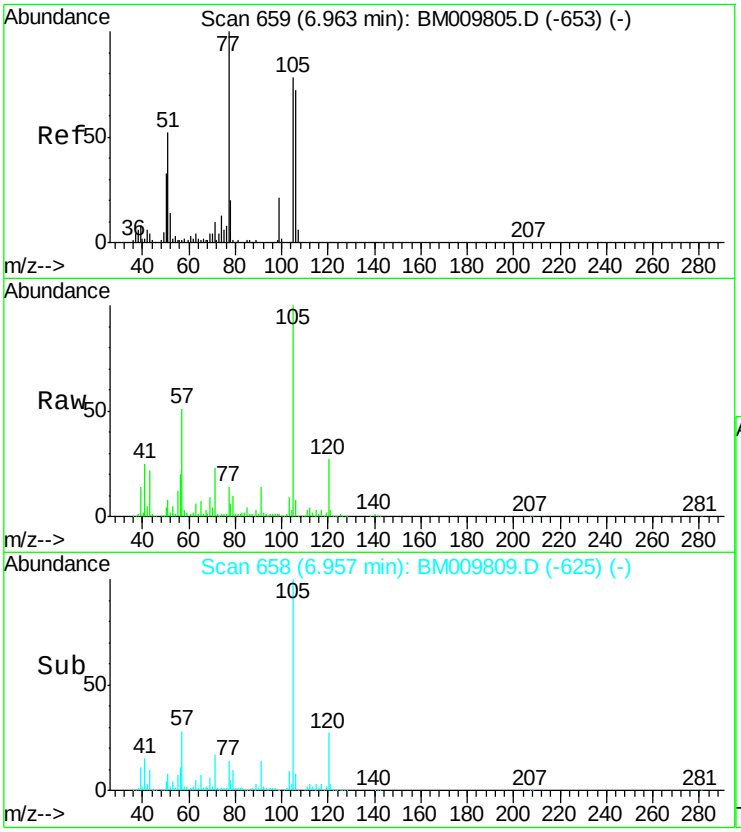
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 01:17:29 2017
Response via : Initial Calibration



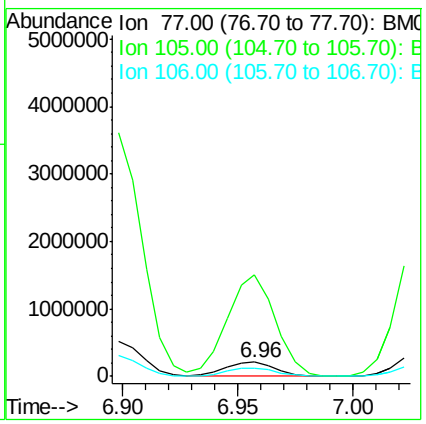


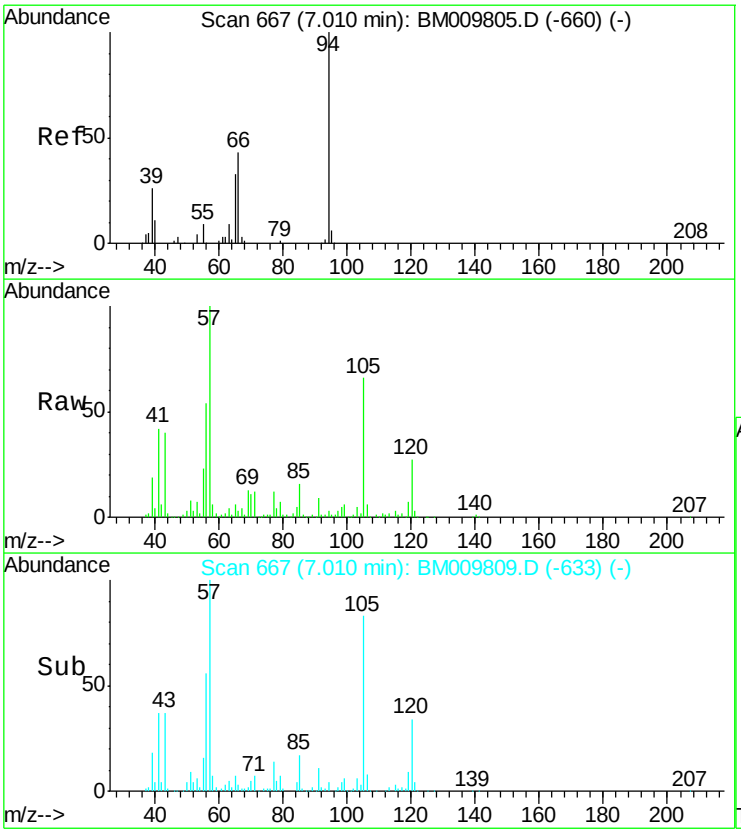
#4
Benzaldehyde
Concen: 23.60 ng/ul
RT: 6.96 min Scan# 658
Delta R.T. -0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion: 77 Resp: 312757

Ion	Ratio	Lower	Upper
77	100		
105	705.1	54.8	82.2#
106	58.4	50.2	75.4

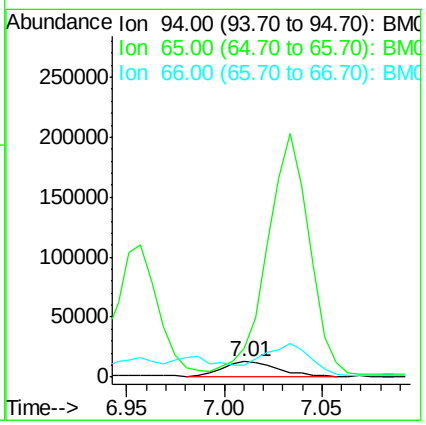


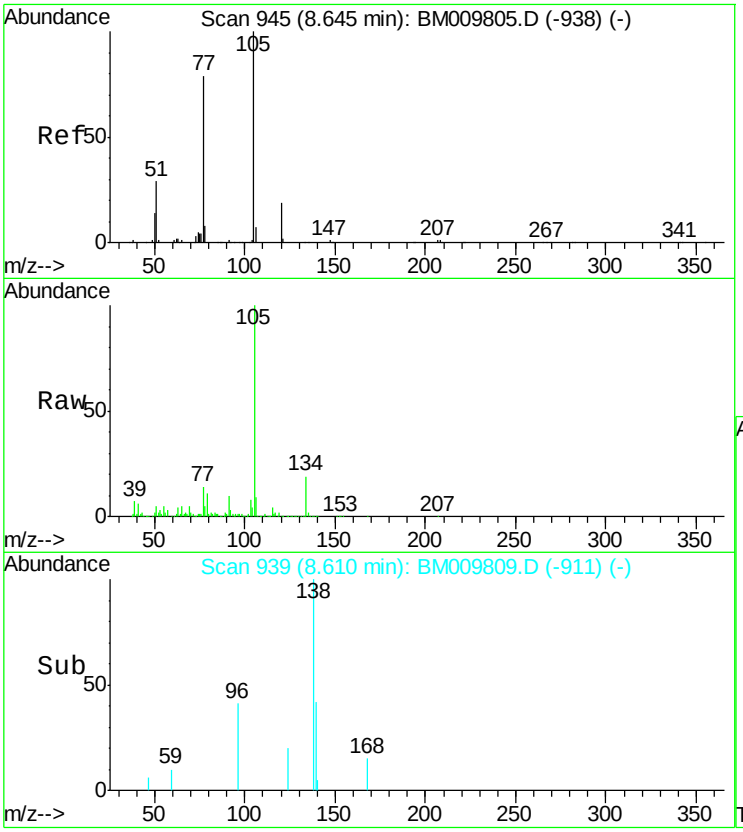


#6
Phenol
Concen: 1.13 ng/ul
RT: 7.01 min Scan# 667
Delta R.T. -0.00 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion: 94 Resp: 23674

Ion	Ratio	Lower	Upper
94	100		
65	179.0	39.8	59.6#
66	72.3	69.9	104.9



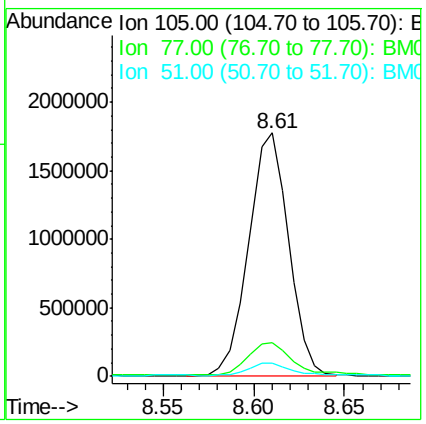


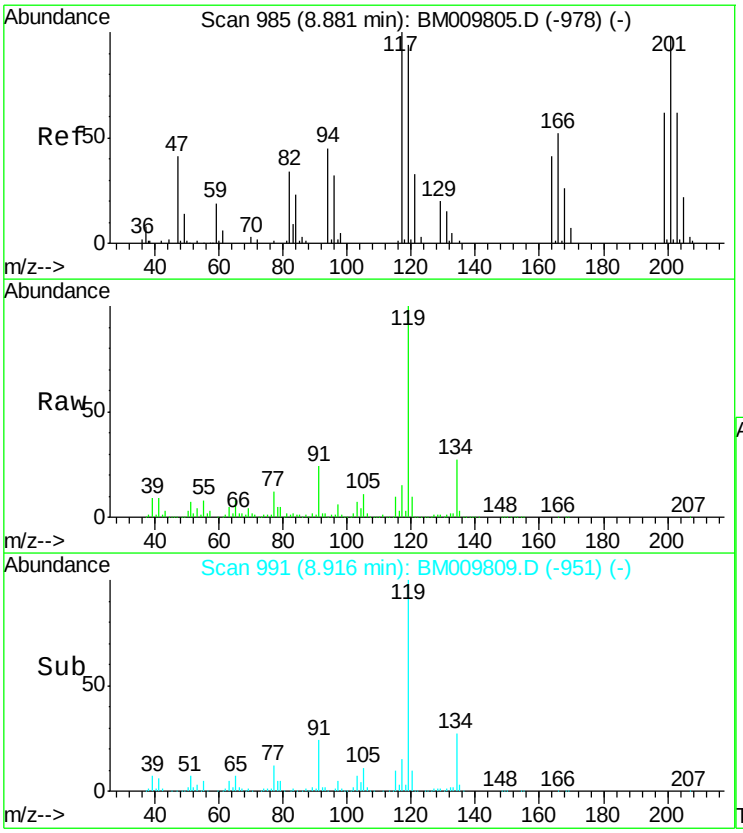
#14
Acetophenone
Concen: 104.21 ng/ul
RT: 8.61 min Scan# 939
Delta R.T. -0.04 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion:105 Resp: 2718145

Ion	Ratio	Lower	Upper
105	100		
77	14.1	91.7	137.5#
51	5.5	50.8	76.2#

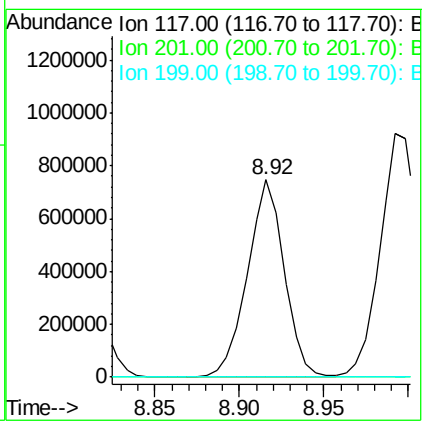


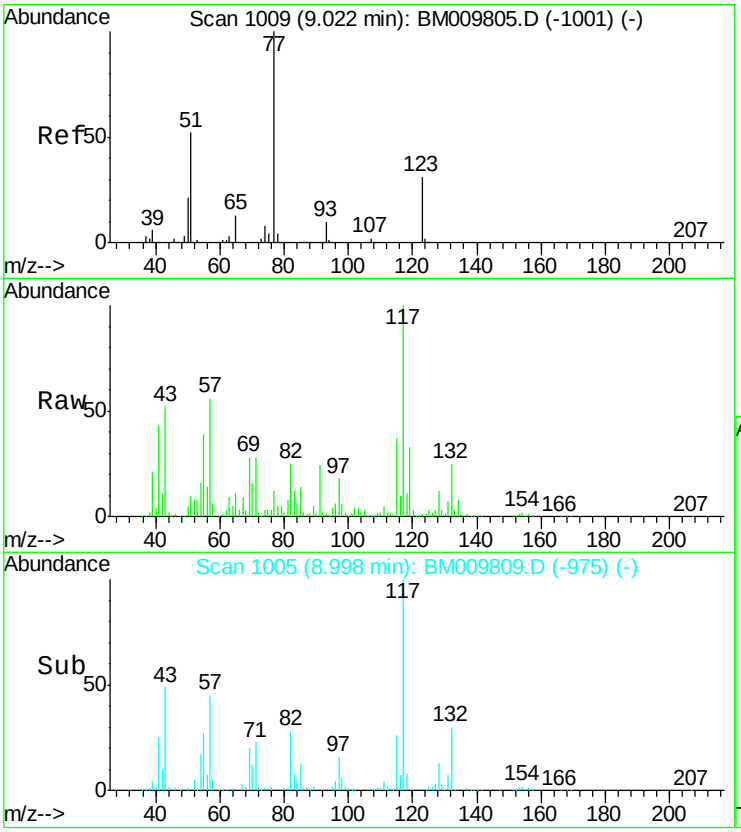


#17
Hexachloroethane
Concen: 184.80 ng/ul
RT: 8.92 min Scan# 991
Delta R.T. 0.04 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion:117 Resp: 1136954

Ion	Ratio	Lower	Upper
117	100		
201	0.0	71.0	106.6#
199	0.0	47.8	71.8#



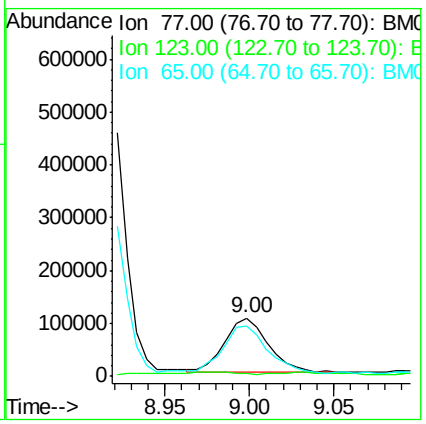


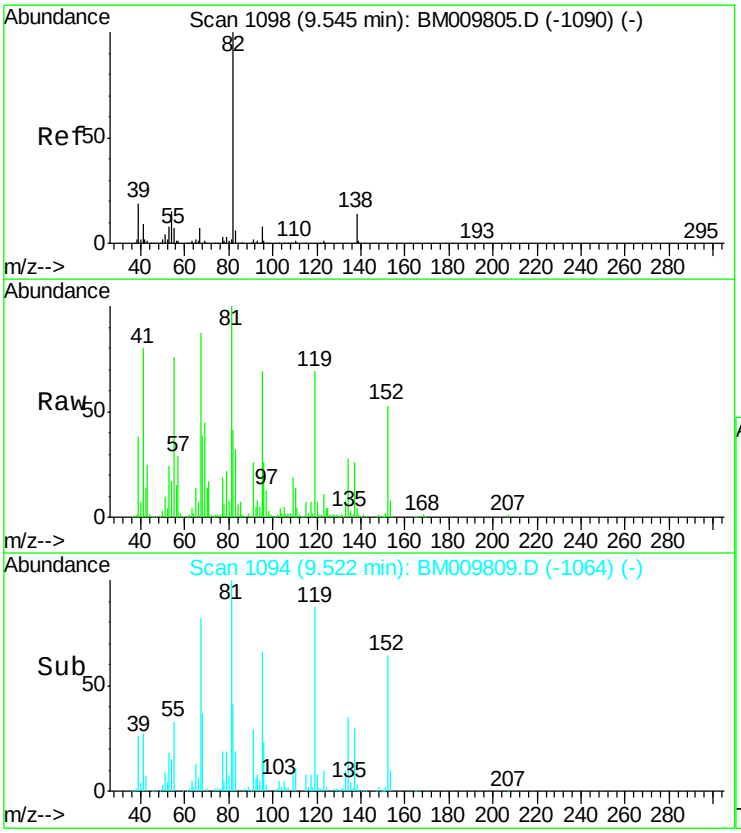
#20
Nitrobenzene
Concen: 8.40 ng/ul
RT: 9.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion: 77 Resp: 183623

Ion	Ratio	Lower	Upper
77	100		
123	5.6	20.8	31.2#
65	87.1	14.7	22.1#

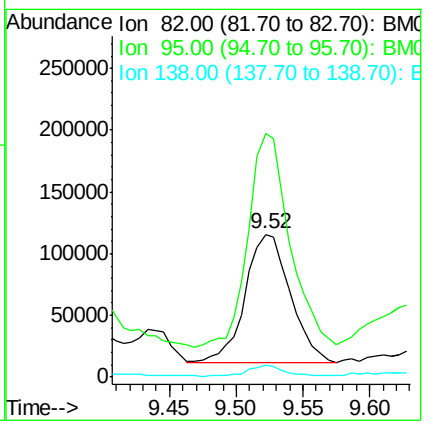


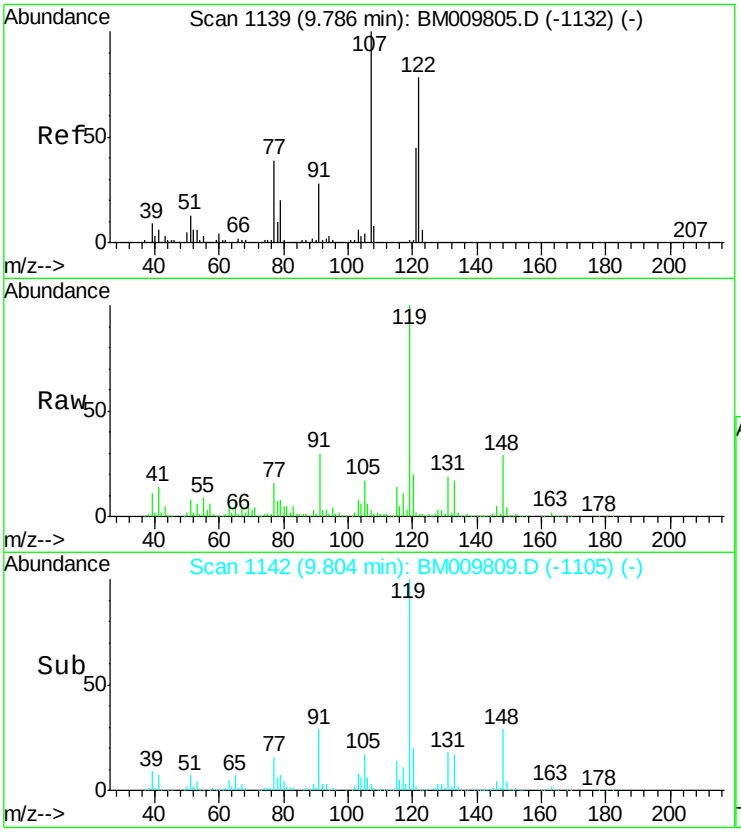


#21
Isophorone
Concen: 6.38 ng/ul
RT: 9.52 min Scan# 1094
Delta R.T. -0.02 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion: 82 Resp: 246868

Ion	Ratio	Lower	Upper
82	100		
95	170.6	7.7	11.5#
138	8.8	9.4	14.0#



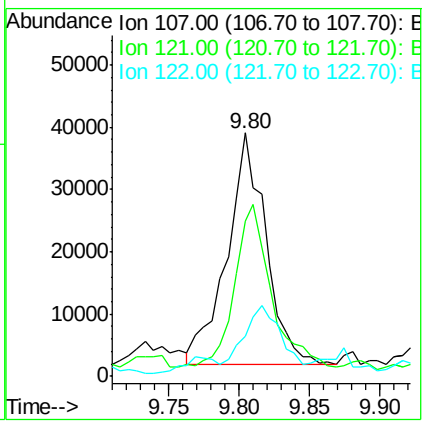


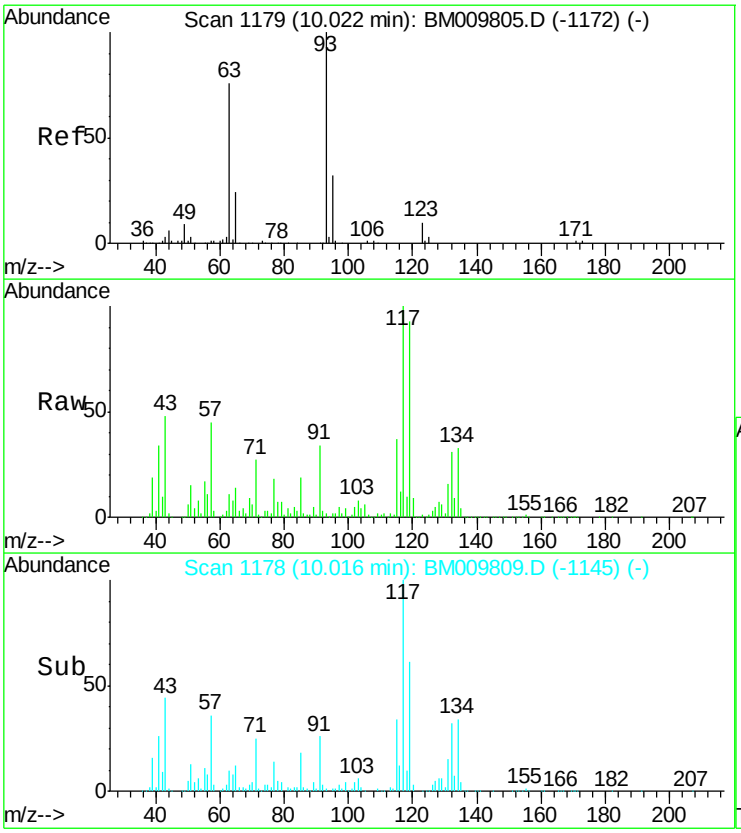
#24
2,4-Dimethylphenol
Concen: 3.71 ng/ul
RT: 9.80 min Scan# 1142
Delta R.T. 0.02 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion:107 Resp: 71262

Ion	Ratio	Lower	Upper
107	100		
121	63.9	30.0	45.0#
122	16.6	50.2	75.4#

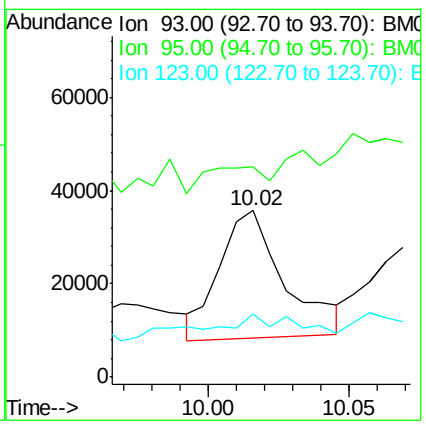


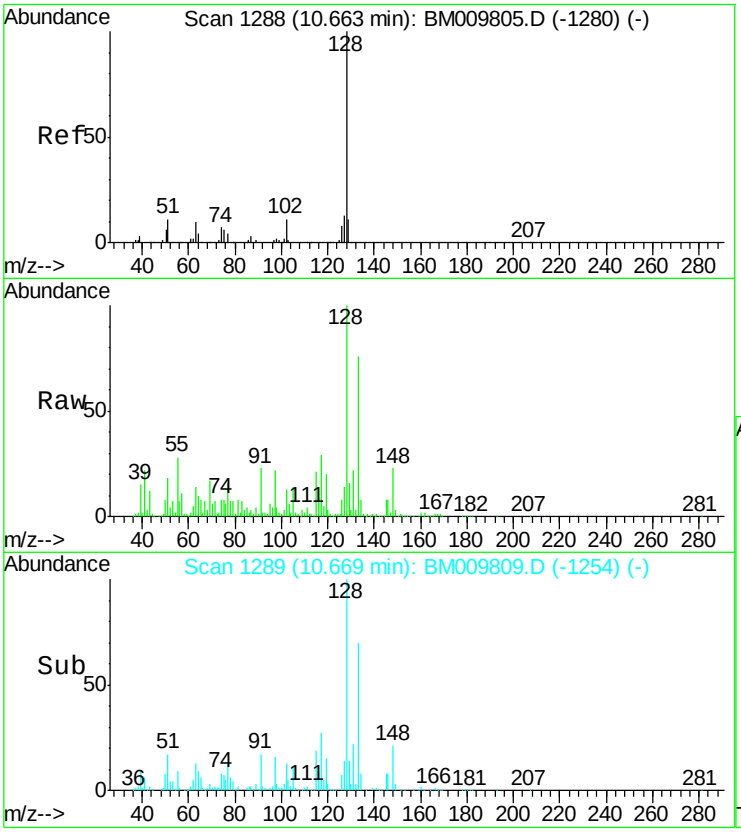


#25
Bis(2-Chloroethoxy)methane
Concen: 1.95 ng/ul
RT: 10.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion: 93 Resp: 43678

Ion	Ratio	Lower	Upper
93	100		
95	126.8	27.0	40.6#
123	37.9	7.5	11.3#



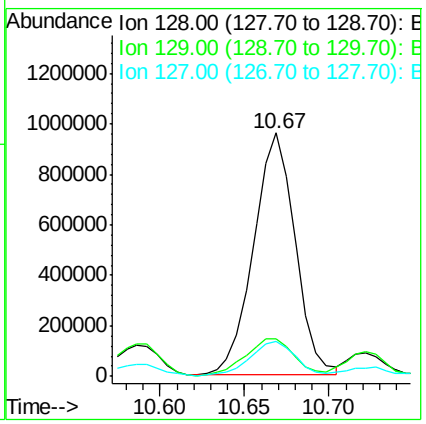


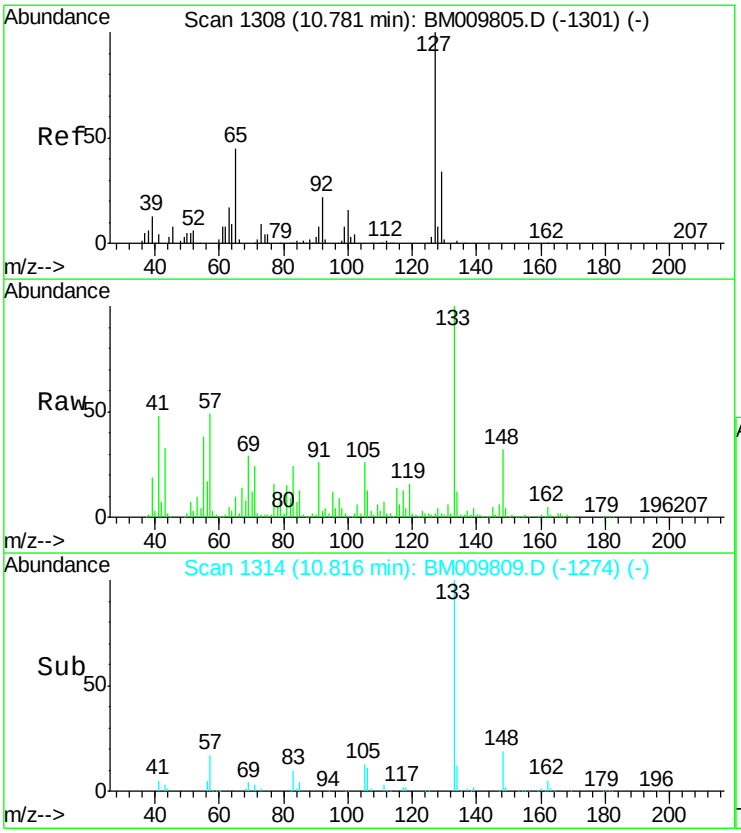
#28
Naphthalene
Concen: 37.47 ng/ul
RT: 10.67 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion:128 Resp: 1651015

Ion	Ratio	Lower	Upper
128	100		
129	15.6	9.7	14.5#
127	14.2	10.2	15.4

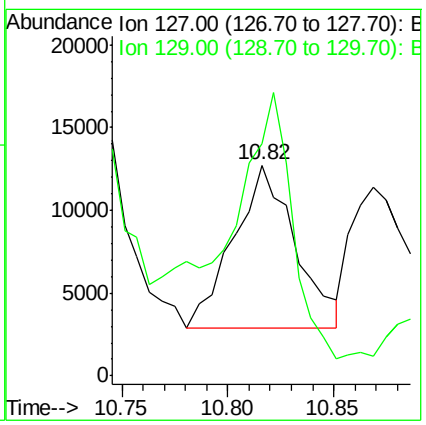


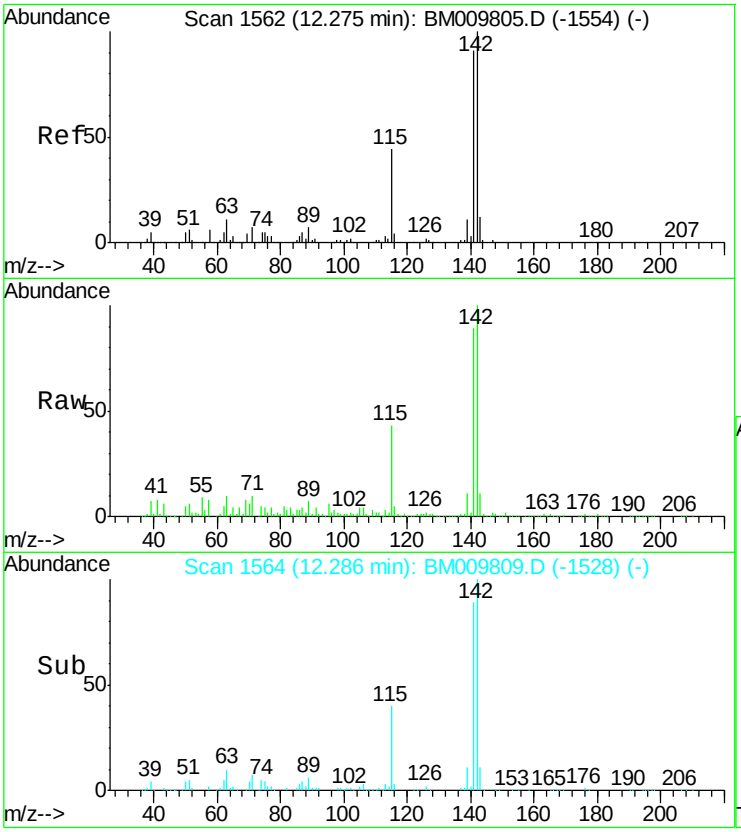


#30
4-Chloroaniline
Concen: 1.17 ng/ul
RT: 10.82 min Scan# 1314
Delta R.T. 0.04 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion:127 Resp: 20002

Ion	Ratio	Lower	Upper
127	100		
129	110.2	23.9	35.9#



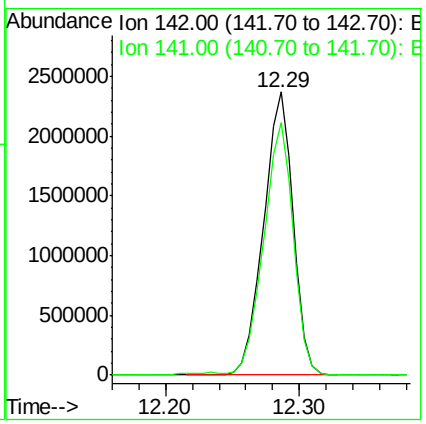


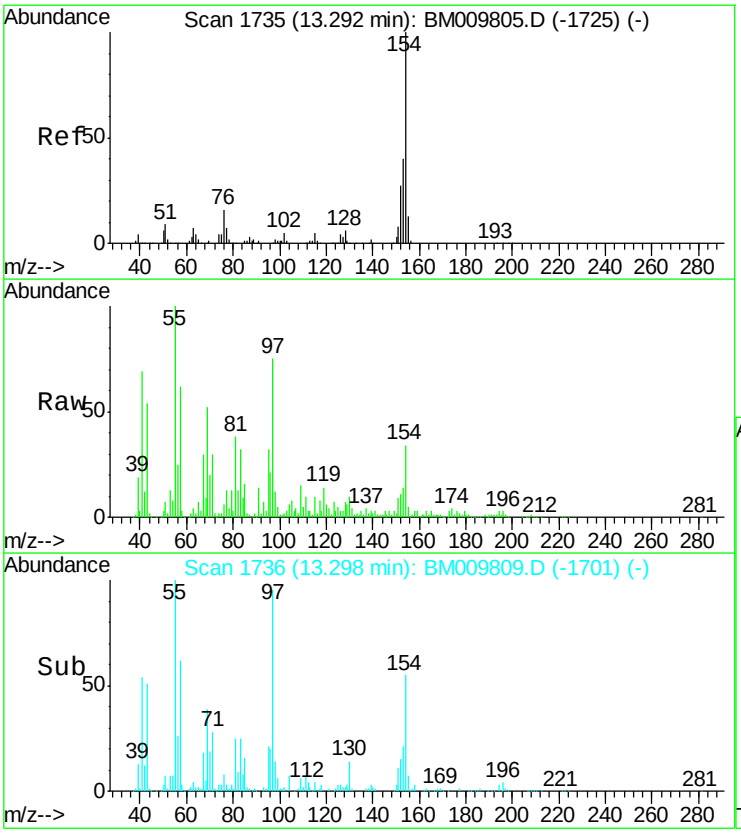
#34
2-Methylnaphthalene
Concen: 107.33 ng/ul
RT: 12.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion:142 Resp: 3636577

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	109.0

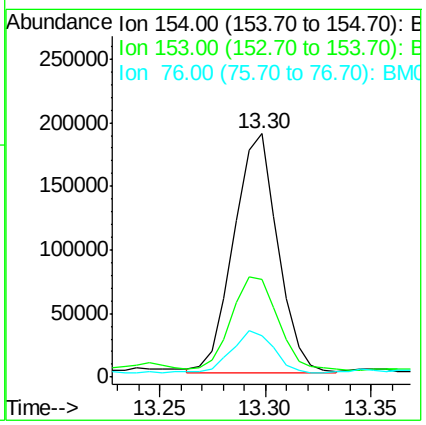


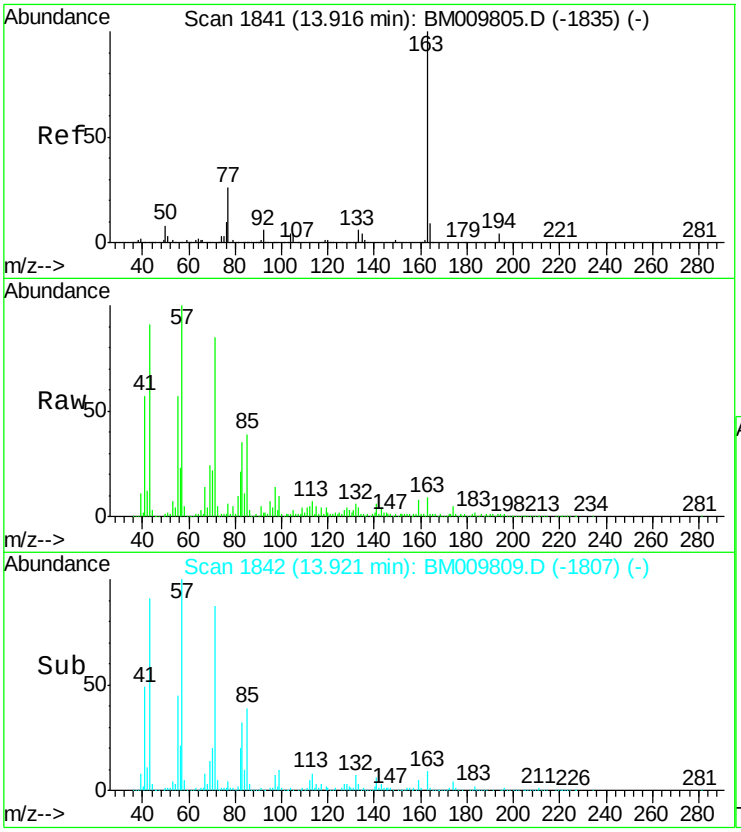


#40
1,1'-Biphenyl
Concen: 5.91 ng/ul
RT: 13.30 min Scan# 1736
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion:154 Resp: 272356

Ion	Ratio	Lower	Upper
154	100		
153	40.2	35.7	53.5
76	16.8	12.4	18.6



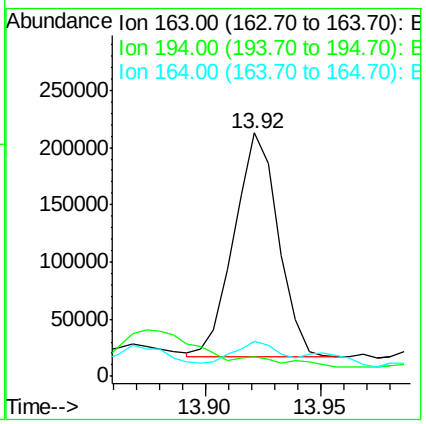


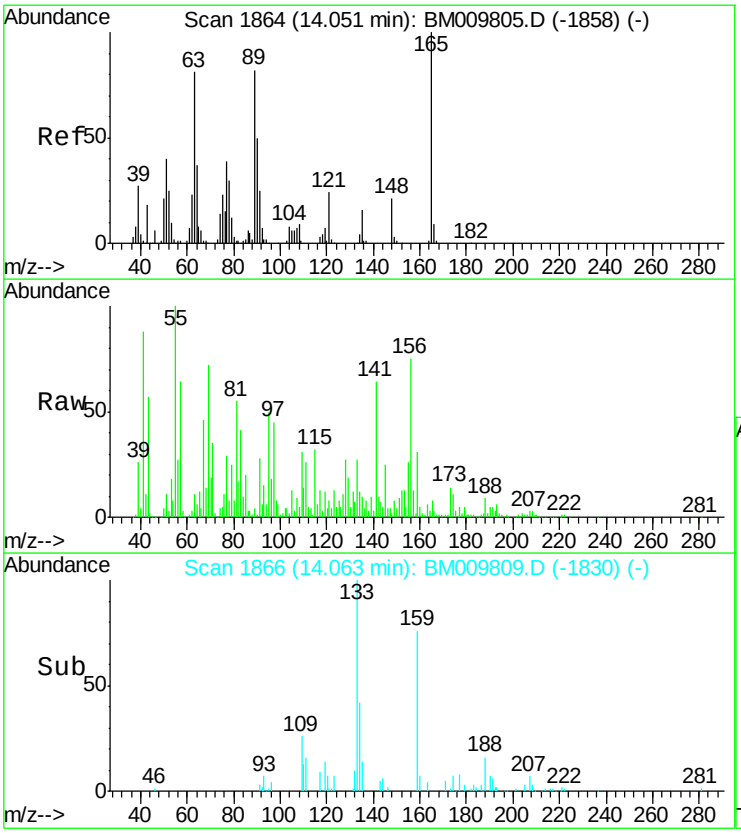
#44
Dimethylphthalate
Concen: 5.43 ng/ul
RT: 13.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion:163 Resp: 261703

Ion	Ratio	Lower	Upper
163	100		
194	7.9	3.0	4.6#
164	14.1	8.6	12.8#

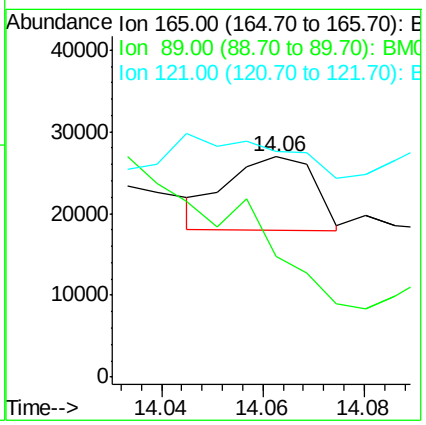


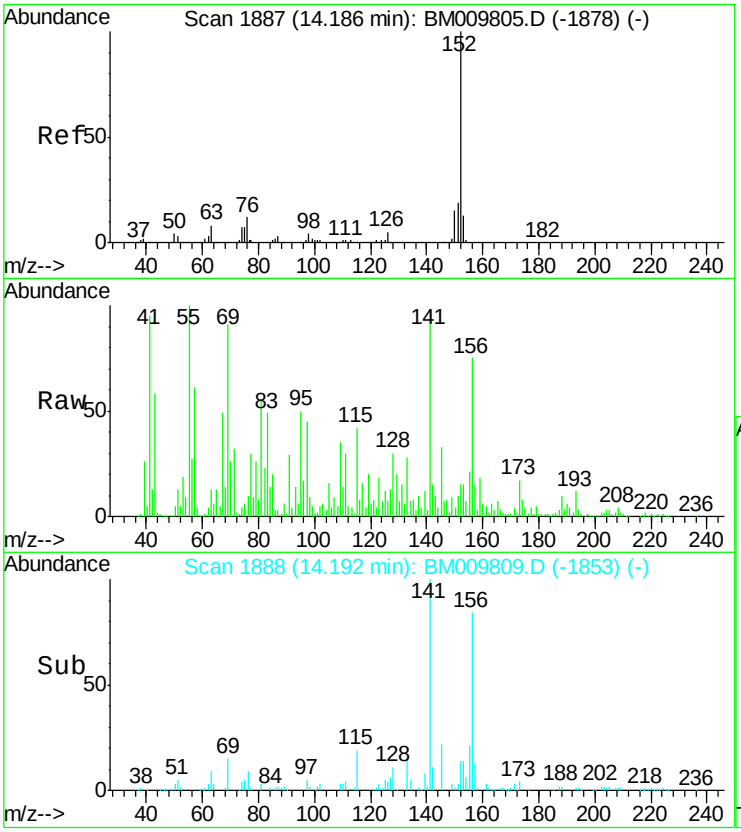


#45
2,6-Dinitrotoluene
Concen: 1.08 ng/ul
RT: 14.06 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion:165 Resp: 10424

Ion	Ratio	Lower	Upper
165	100		
89	54.8	89.4	134.0#
121	102.8	21.6	32.4#



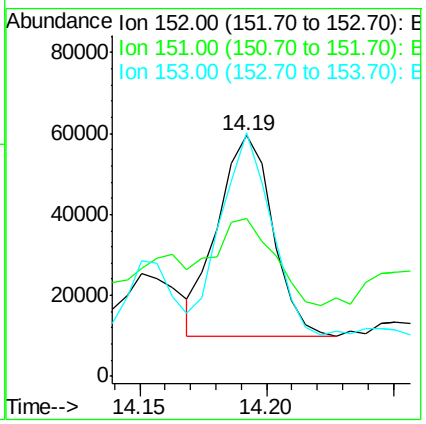


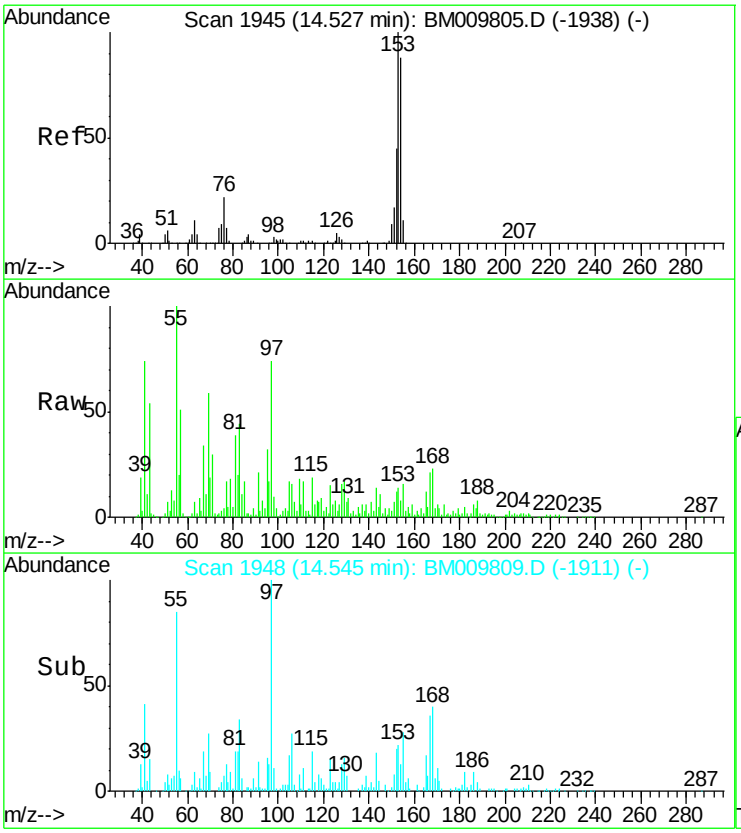
#47
Acenaphthylene
Concen: 1.29 ng/ul
RT: 14.19 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion:152 Resp: 74711

Ion	Ratio	Lower	Upper
152	100		
151	65.6	15.8	23.6#
153	101.1	10.5	15.7#

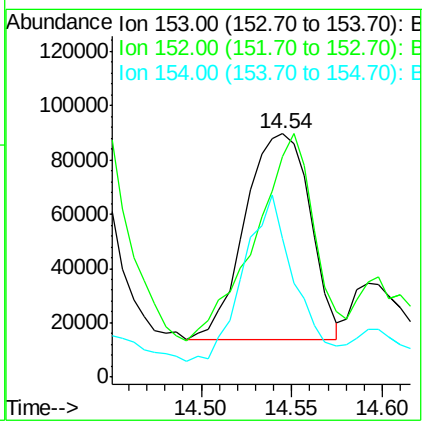


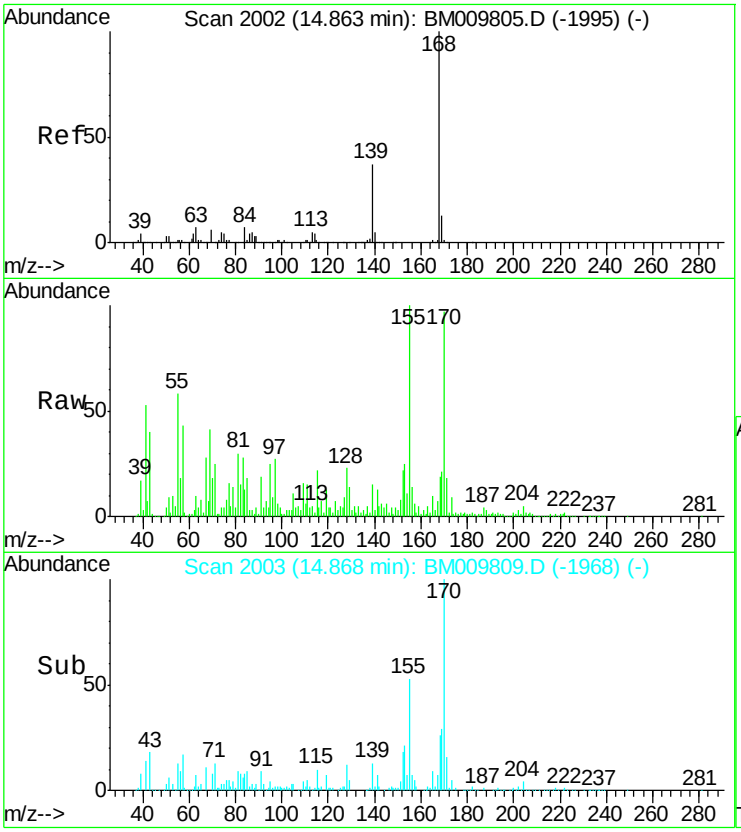


#49
Acenaphthene
Concen: 4.82 ng/ul
RT: 14.54 min Scan# 1948
Delta R.T. 0.02 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion:153 Resp: 189811

Ion	Ratio	Lower	Upper
153	100		
152	90.7	36.7	55.1#
154	56.9	68.3	102.5#



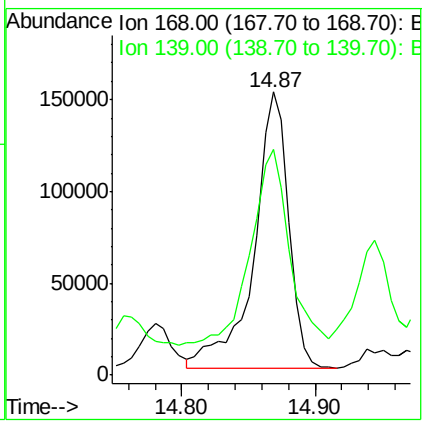


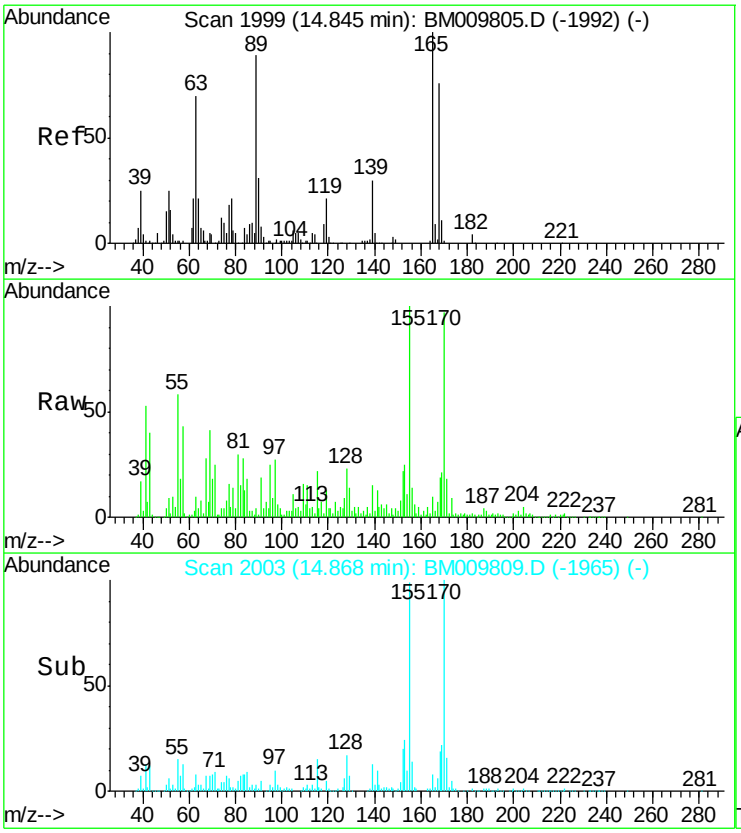
#53
Dibenzofuran
Concen: 4.66 ng/ul
RT: 14.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion:168 Resp: 269162

Ion	Ratio	Lower	Upper
168	100		
139	79.9	35.6	53.4#

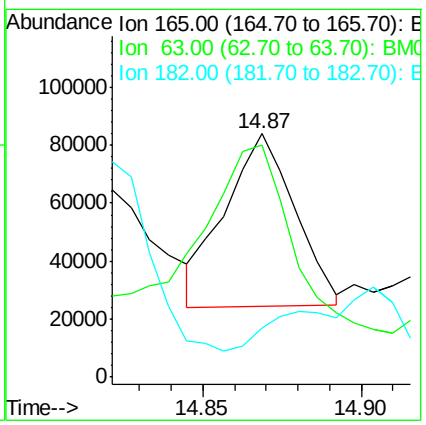


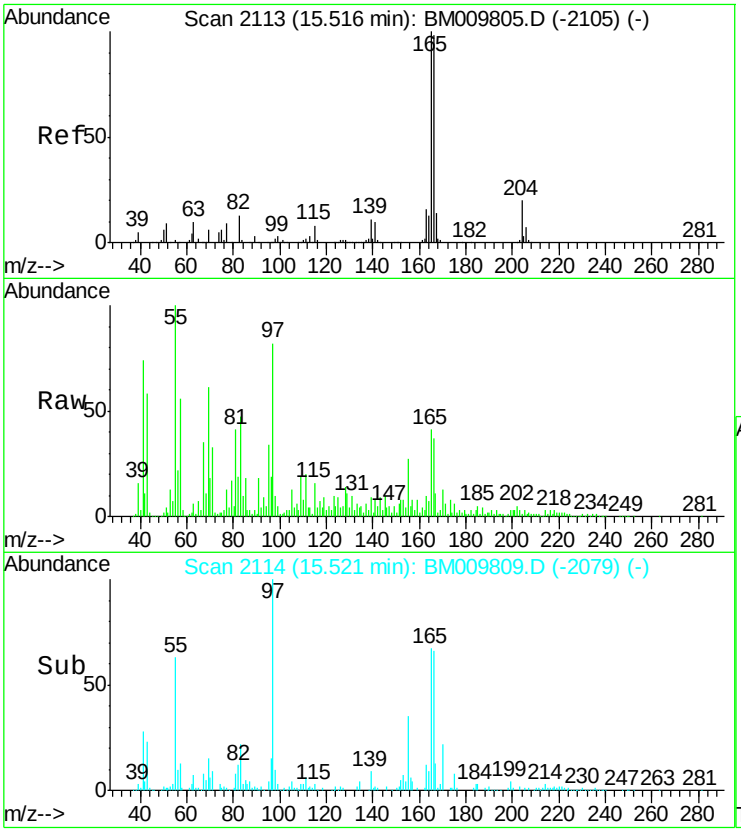


#54
2,4-Dinitrotoluene
Concen: 6.25 ng/ul
RT: 14.87 min Scan# 2003
Delta R.T. 0.02 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion:165 Resp: 91167

Ion	Ratio	Lower	Upper
165	100		
63	95.2	75.7	113.5
182	20.2	1.7	2.5#



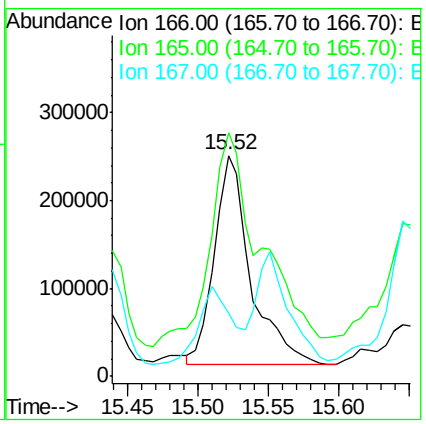


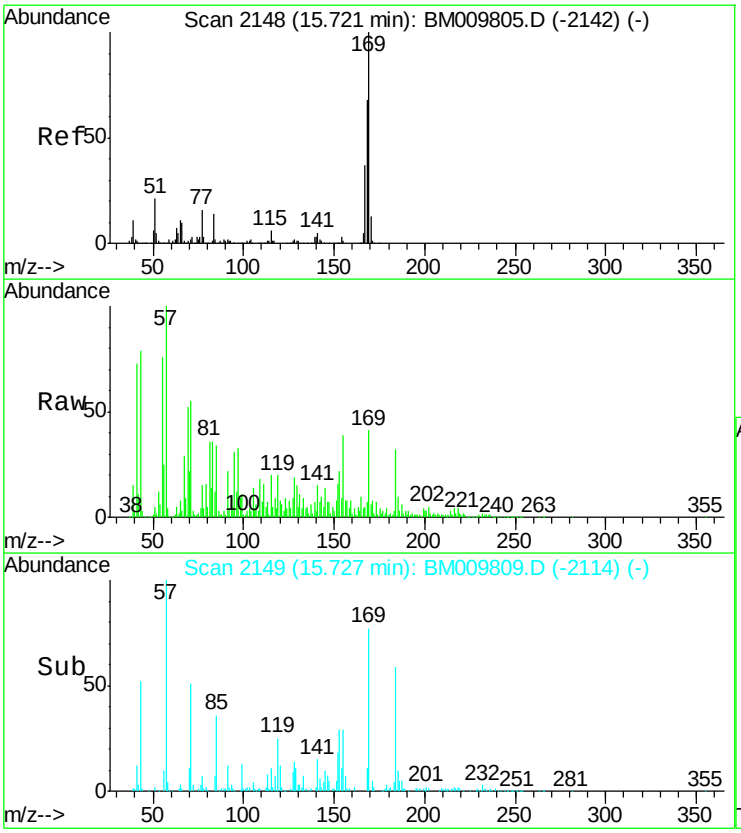
#58
Fluorene
Concen: 8.60 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion:166 Resp: 423701

Ion	Ratio	Lower	Upper
166	100		
165	110.3	81.0	121.6
167	28.6	10.5	15.7#

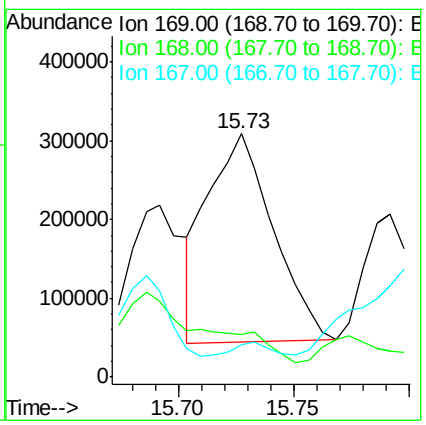


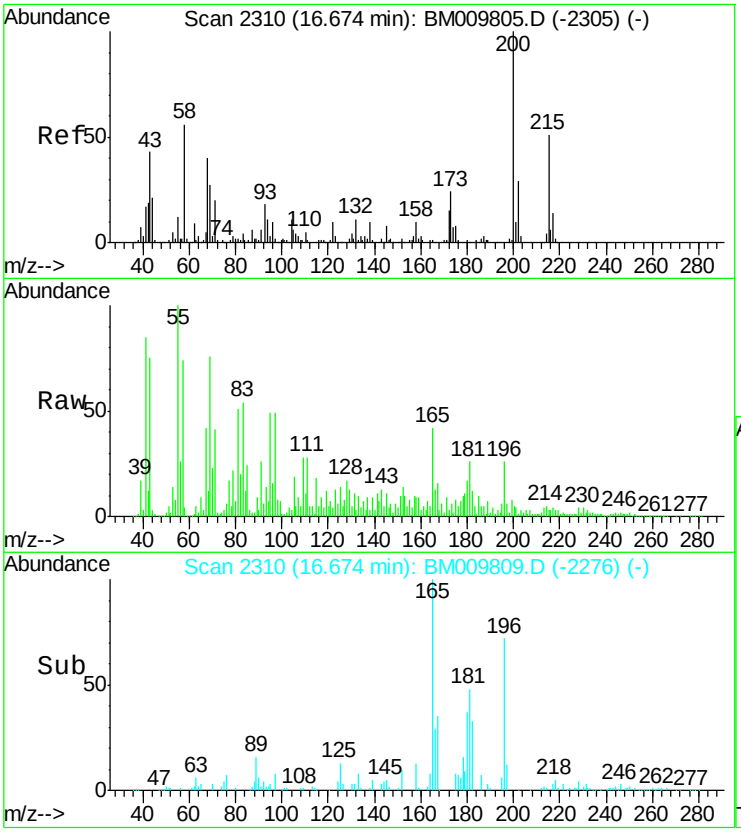


#64
N-Nitrosodiphenylamine
Concen: 16.12 ng/ul
RT: 15.73 min Scan# 2149
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion:169 Resp: 520768

Ion	Ratio	Lower	Upper
169	100		
168	17.4	53.4	80.2#
167	13.3	30.2	45.2#



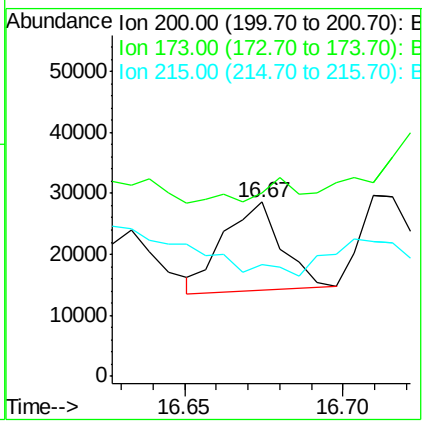


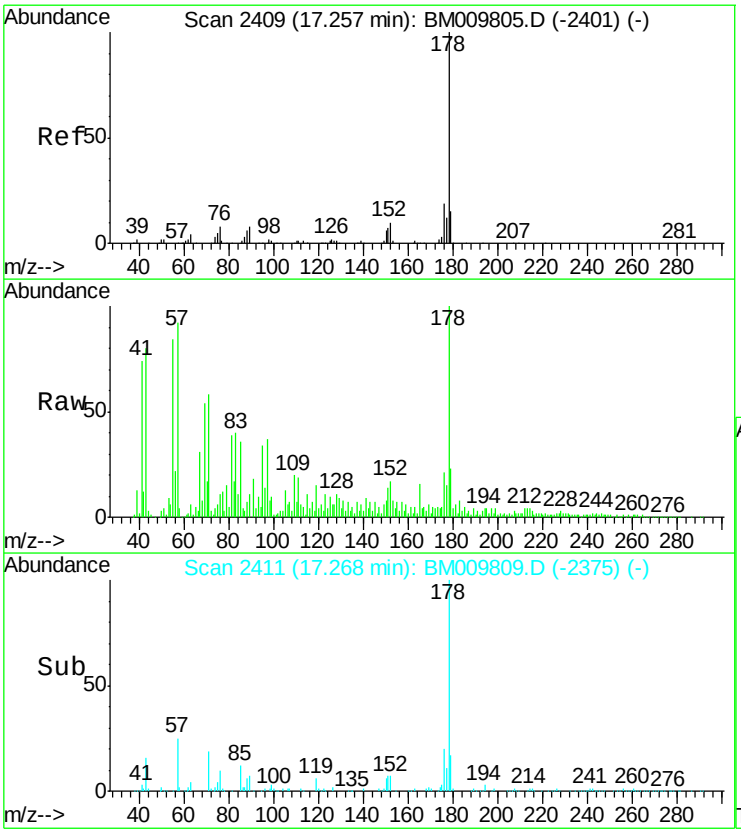
#67
Atrazine
Concen: 1.42 ng/ul
RT: 16.67 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion:200 Resp: 18349

Ion	Ratio	Lower	Upper
200	100		
173	105.4	21.4	32.0#
215	63.9	38.1	57.1#

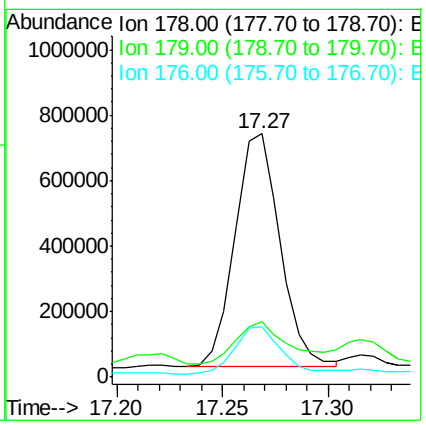


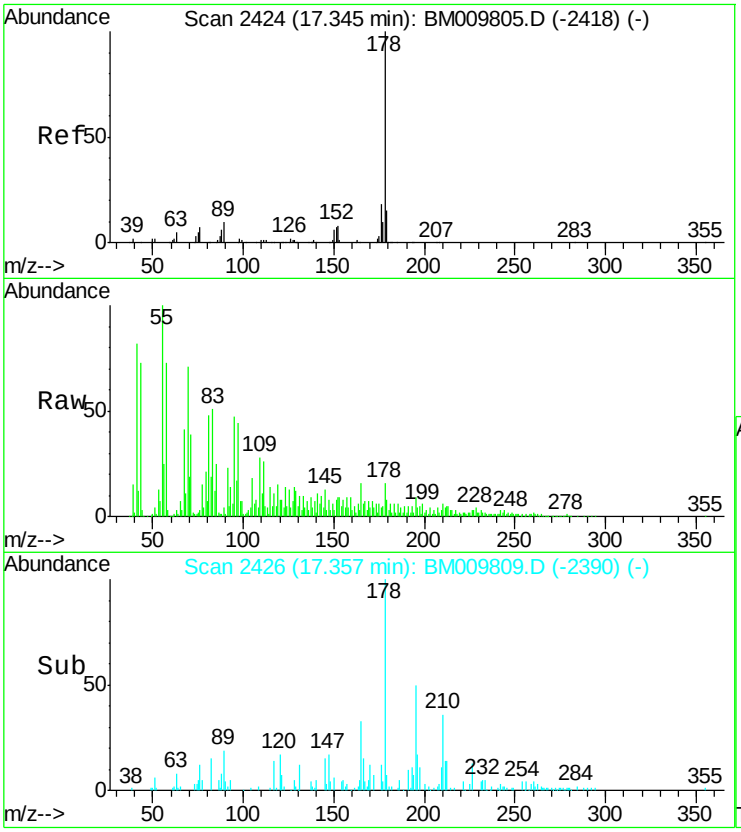


#69
Phenanthrene
Concen: 17.39 ng/ul
RT: 17.27 min Scan# 2411
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion:178 Resp: 1052383

Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.6	19.0#
176	20.6	15.8	23.6



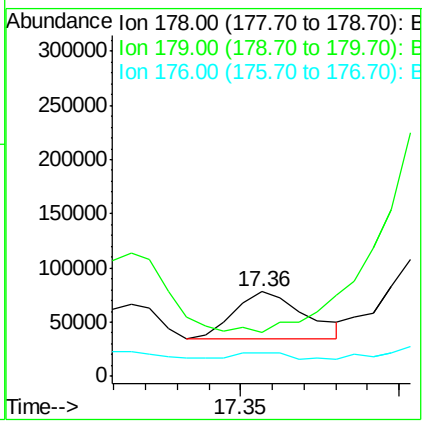


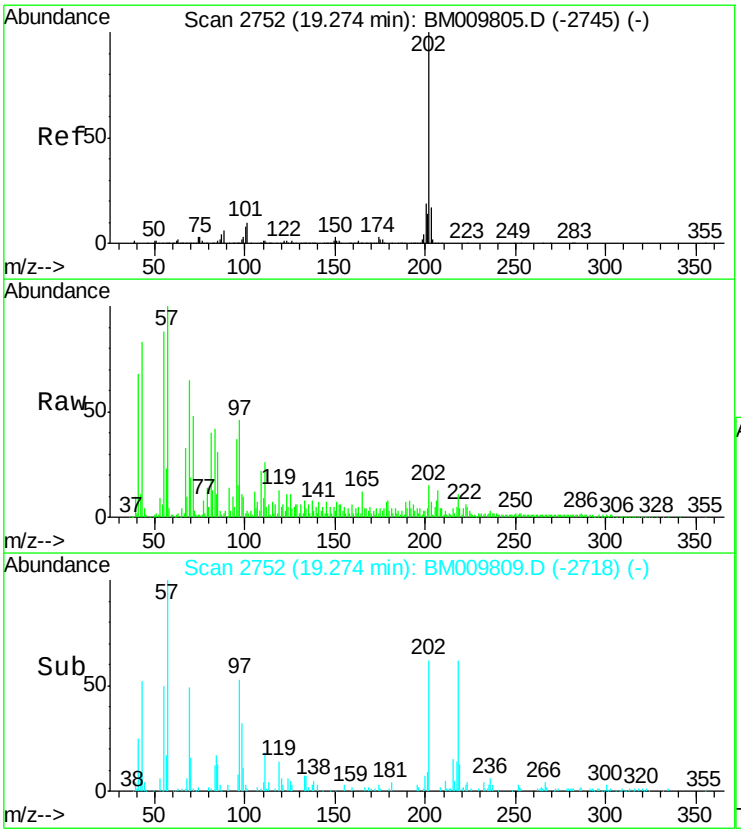
#71
Anthracene
Concen: 1.04 ng/ul
RT: 17.36 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion:178 Resp: 66062

Ion	Ratio	Lower	Upper
178	100		
179	51.9	13.1	19.7#
176	27.6	15.6	23.4#

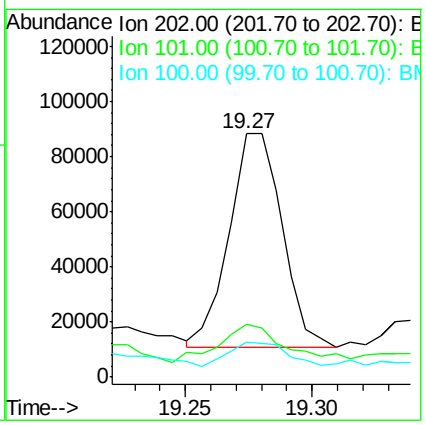


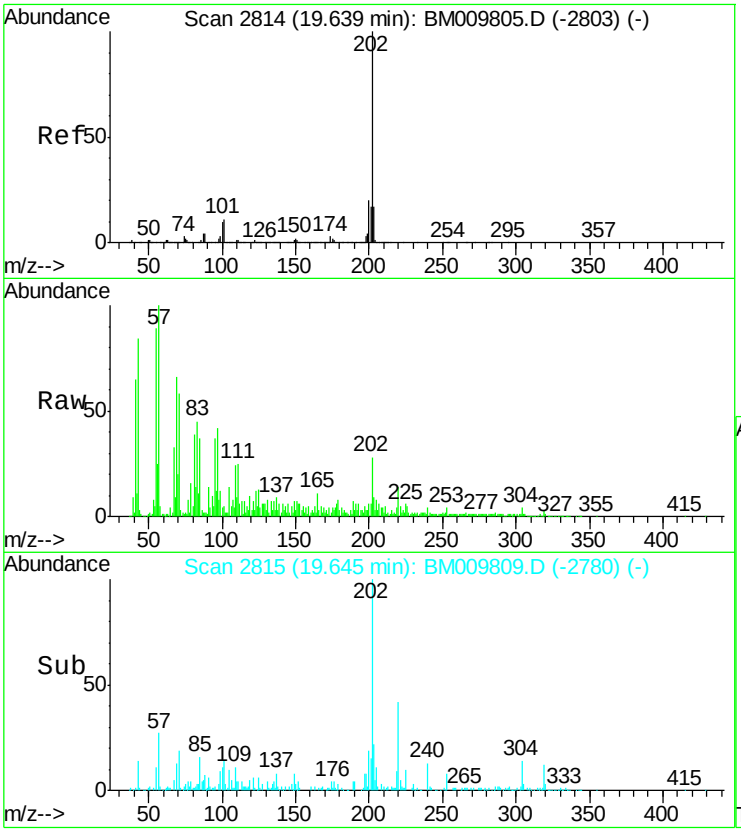


#74
Fluoranthene
Concen: 1.49 ng/ul
RT: 19.27 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion:202 Resp: 113388

Ion	Ratio	Lower	Upper
202	100		
101	21.9	5.7	8.5#
100	14.4	4.6	7.0#



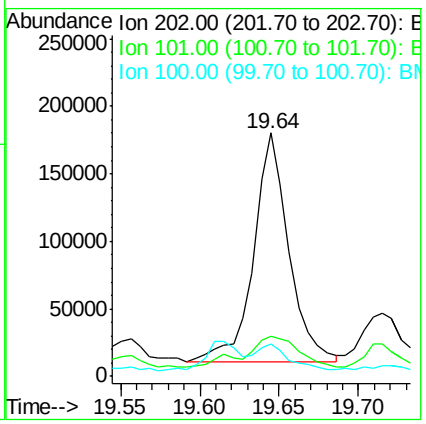


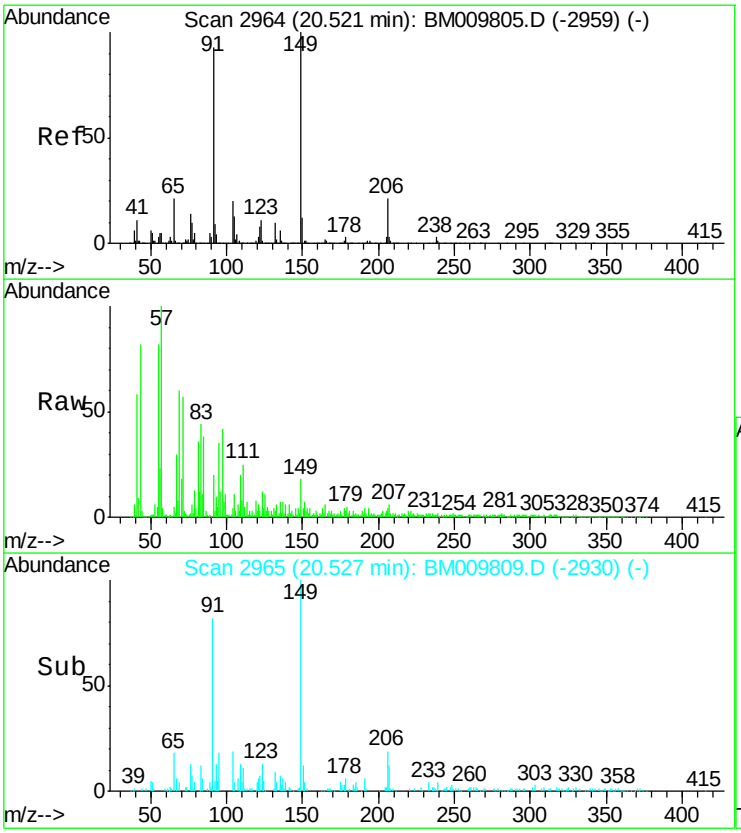
#77
Pyrene
Concen: 4.18 ng/ul
RT: 19.64 min Scan# 2815
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion:202 Resp: 263946

Ion	Ratio	Lower	Upper
202	100		
101	16.7	6.2	9.4#
100	13.1	6.4	9.6#

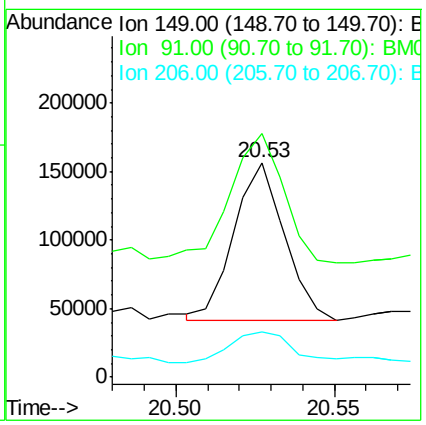


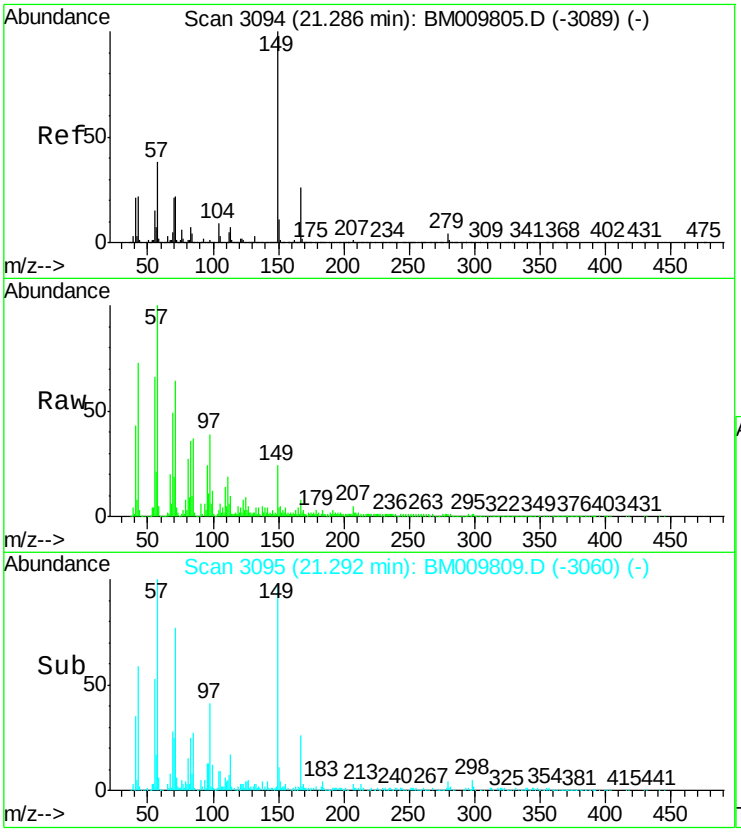


#78
Butylbenzylphthalate
Concen: 4.89 ng/ul
RT: 20.53 min Scan# 2965
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Tgt Ion:149 Resp: 127828

Ion	Ratio	Lower	Upper
149	100		
91	113.3	80.0	120.0
206	20.8	19.1	28.7





#81
Bis(2-ethylhexyl)phthalate
Concen: 10.57 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM009809.D
Acq: 30 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion:149 Resp: 418745

Ion	Ratio	Lower	Upper
149	100		
167	31.7	20.2	30.2#
279	4.6	4.0	6.0