Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011996.D
Acq On : 09 Oct 2017 02:50
Operator : SJ/JU
Sample : I5522-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 09 03:58:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 03:46:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	223229	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	998974	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	640825	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1552144	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1883256	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1860715	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	29494	6.25	ng/uL	0.00
5) Phenol-d5	7.01	99	184725	9.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	432027	38.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	509587	33.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	361413	21.77	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	301466	42.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	352954	44.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	633835	39.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	28145	1.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	2261913	40.73	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2730016	41.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	89144	9.19	ng/ul	0.02
57) Fluorene-d10	15.49	176	1945235	39.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	373226	35.74	ng/ul	0.00
70) Anthracene-d10	17.34	188	3168307	41.42	ng/ul	0.00
76) Pyrene-d10	19.63	212	3842151	45.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	3749691	41.89	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.65	105	27827	1.145	ng/ul#	58
17) Hexachloroethane	8.96	117	45902	7.599	ng/ul#	1
28) Naphthalene	10.70	128	82761	1.652	ng/ul#	94
30) 4-Chloroaniline	10.82	127	19406	1.119	ng/ul	92
33) 4-Chloro-3-methylphenol	12.01	107	6120391	360.344	ng/ul#	21
34) 2-Methylnaphthalene	12.32	142	66722	1.746	ng/ul	94
42) 2-Nitroaniline	13.60	65	22836	2.244	ng/ul#	38
48) 3-Nitroaniline	14.44	138	112108	11.980	ng/ul#	1
49) Acenaphthene	14.56	153	443809	10.135	ng/ul#	84
52) 4-Nitrophenol	14.70	109	35062	4.521	ng/ul#	1
53) Dibenzofuran	14.89	168	305843	4.812	ng/ul	92
58) Fluorene	15.54	166	303014	5.709	ng/ul	92
69) Phenanthrene	17.29	178	761600	8.920	ng/ul	98
71) Anthracene	17.29	178	761600	8.767	ng/ul	97
74) Fluoranthene	19.30	202	306906	2.946	ng/ul#	81
77) Pyrene	19.66	202	197082	1.887	ng/ul#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011996.D
Acq On : 09 Oct 2017 02:50
Operator : SJ/JU
Sample : I5522-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 09 03:58:50 2017
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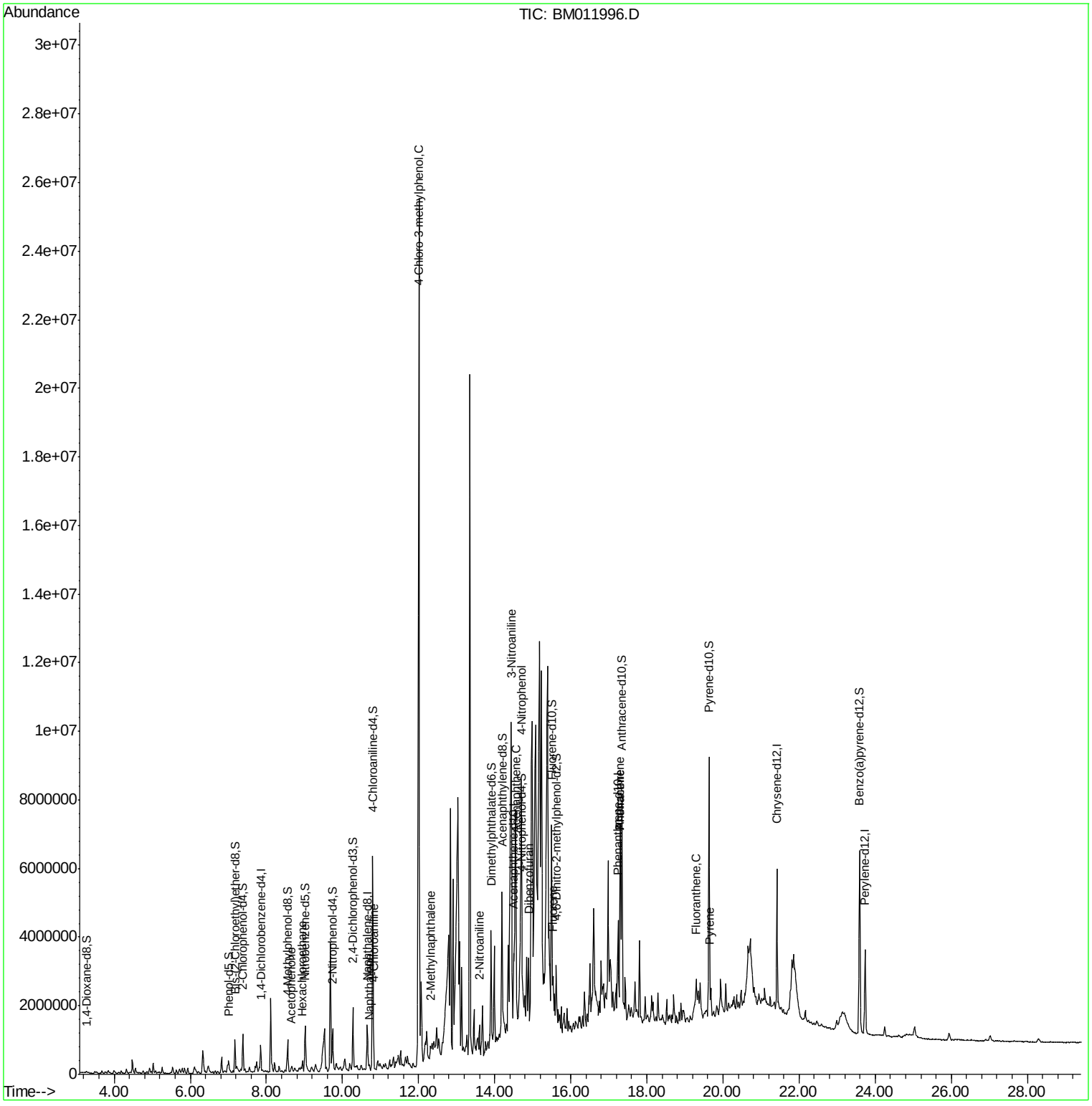
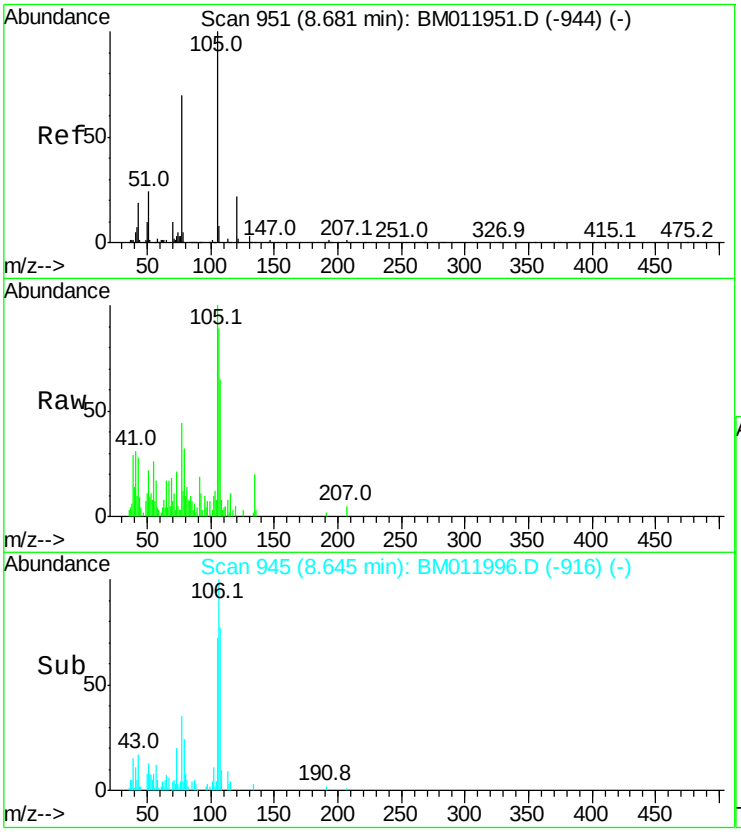
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 03:46:05 2017
Response via : Initial Calibration



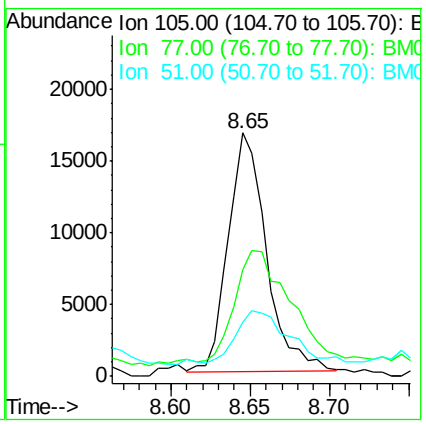


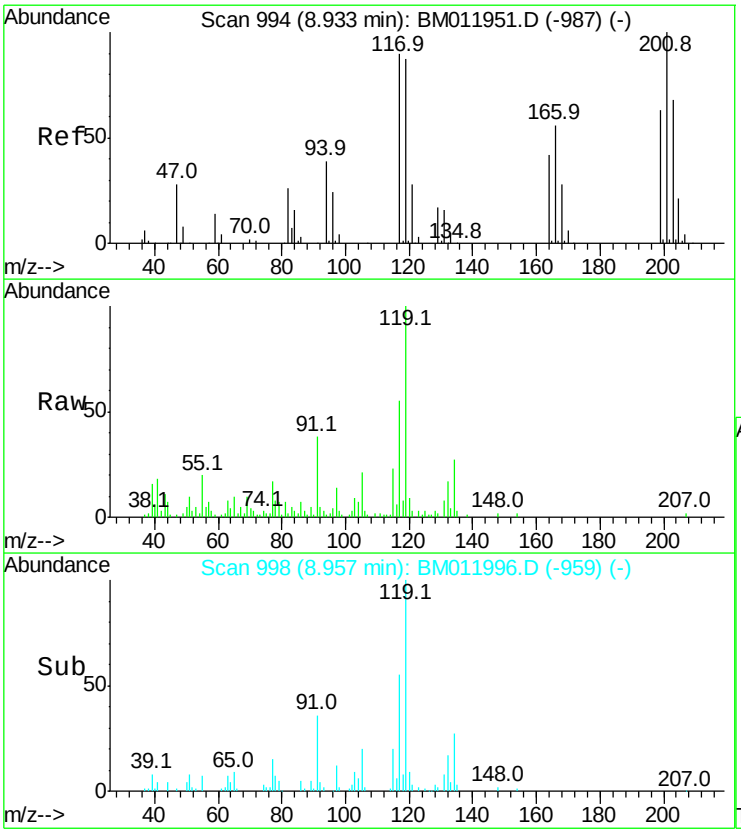
#14
Acetophenone
Concen: 1.145 ng/ul
RT: 8.65 min Scan# 945
Delta R.T. -0.03 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 27827

Ion	Ratio	Lower	Upper
105	100		
77	43.6	74.2	111.4#
51	22.4	23.4	35.2#

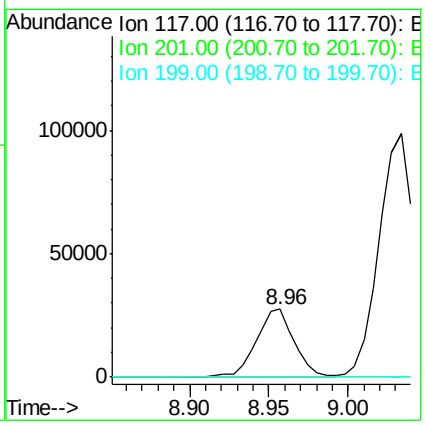


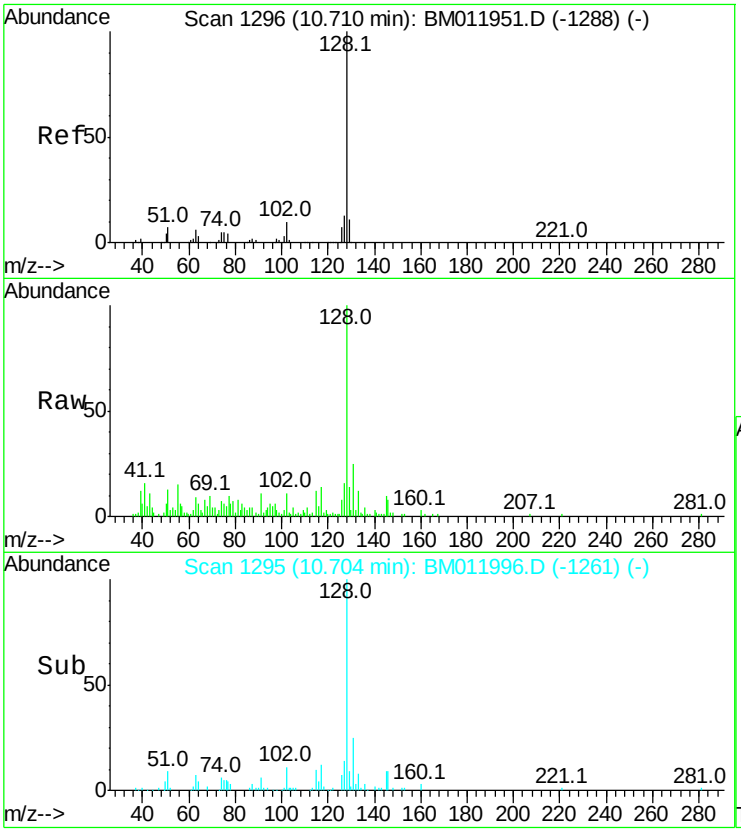


#17
Hexachloroethane
Concen: 7.599 ng/ul
RT: 8.96 min Scan# 998
Delta R.T. 0.03 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Tgt Ion:117 Resp: 45902

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#



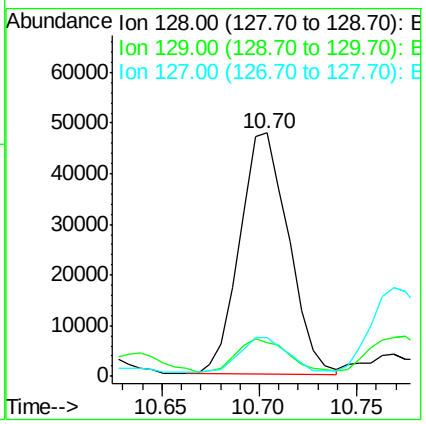


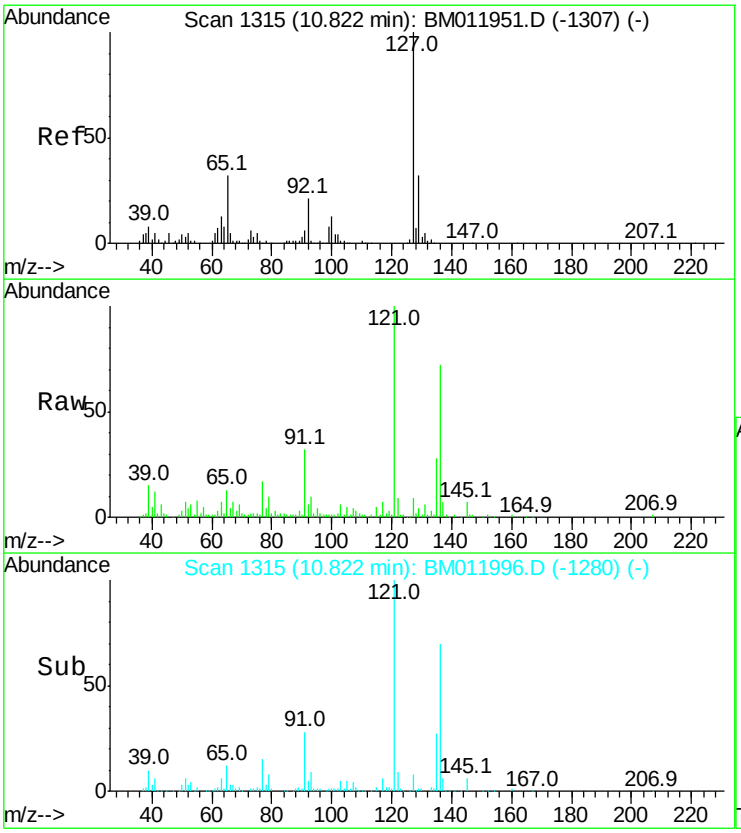
#28
Naphthalene
Concen: 1.652 ng/ul
RT: 10.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 82761

Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.8	13.2#
127	15.7	10.6	16.0

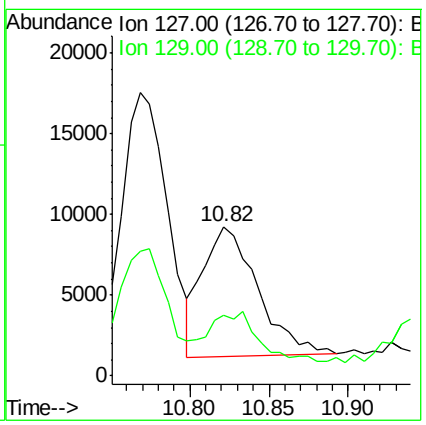


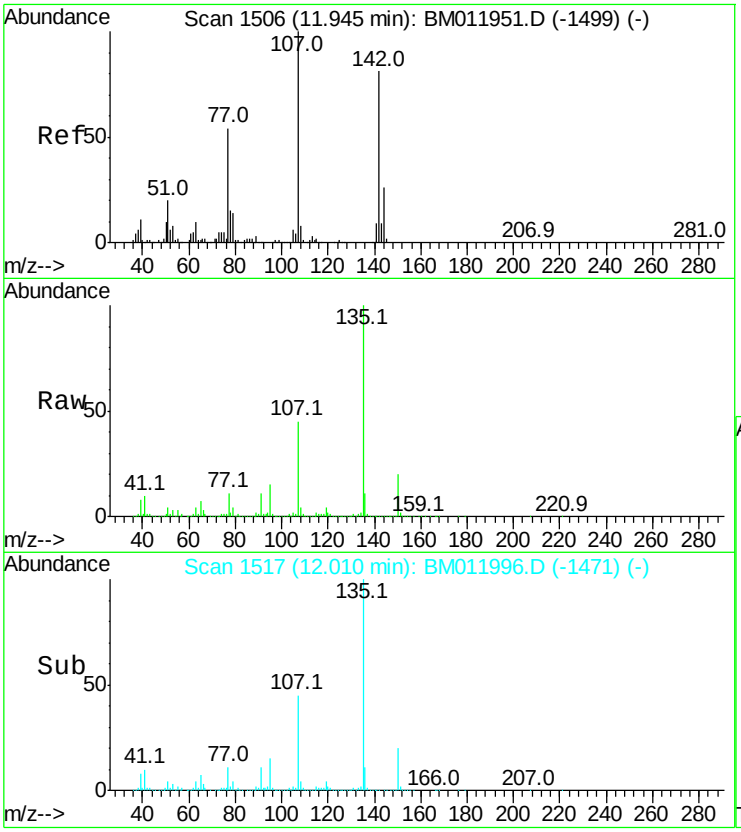


#30
4-Chloroaniline
Concen: 1.119 ng/ul
RT: 10.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Tgt Ion:127 Resp: 19406

Ion	Ratio	Lower	Upper
127	100		
129	40.5	28.4	42.6



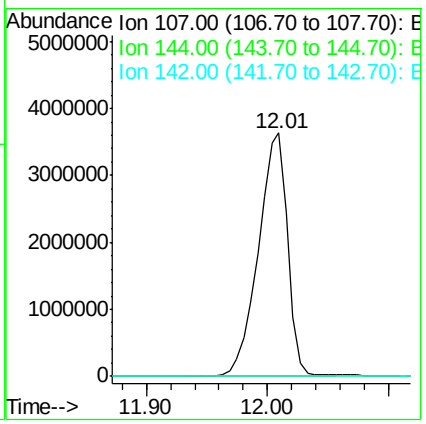


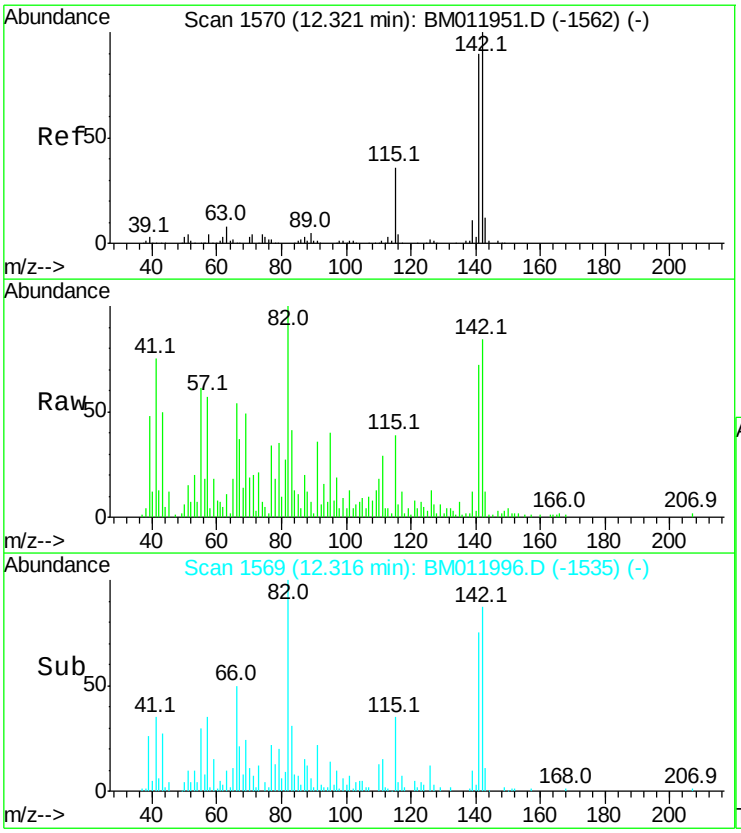
#33
4-Chloro-3-methylphenol
Concen: 360.344 ng/ul
RT: 12.01 min Scan# 1517
Delta R.T. 0.07 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 6120391

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.4	30.6#
142	0.0	60.5	90.7#

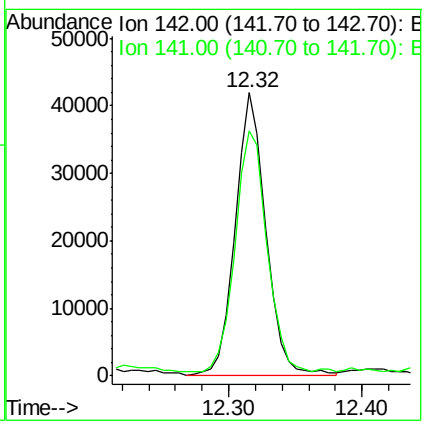


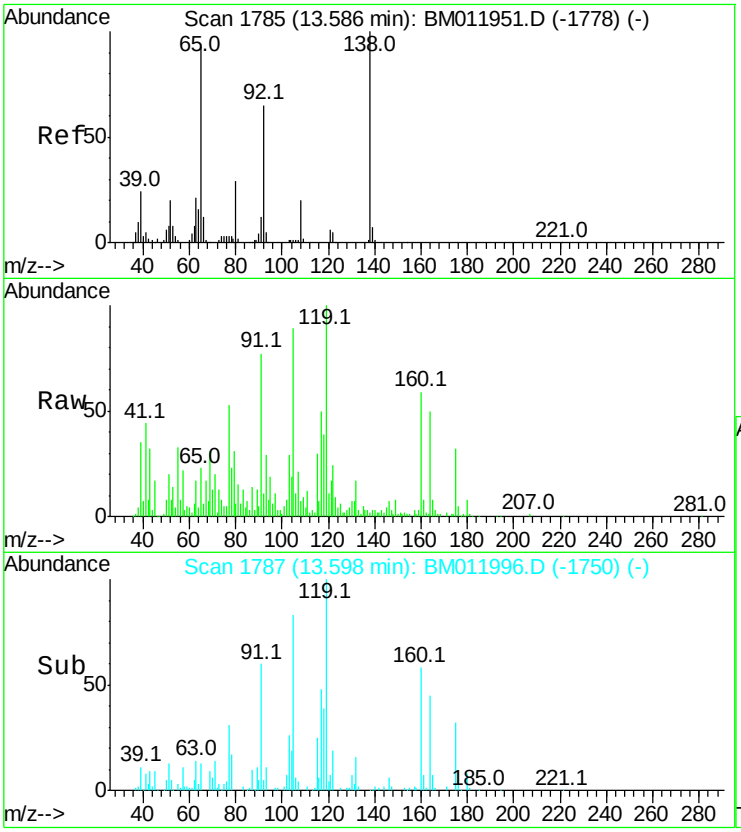


#34
2-Methylnaphthalene
Concen: 1.746 ng/ul
RT: 12.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Tgt Ion:142 Resp: 66722

Ion	Ratio	Lower	Upper
142	100		
141	86.5	74.1	111.1



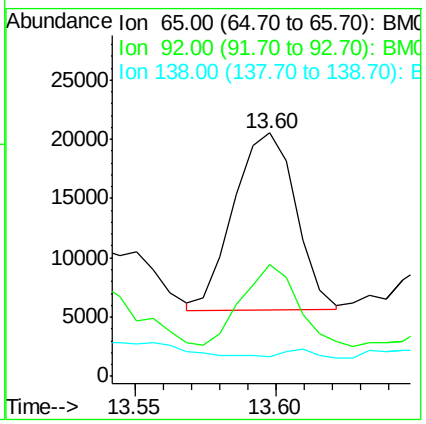


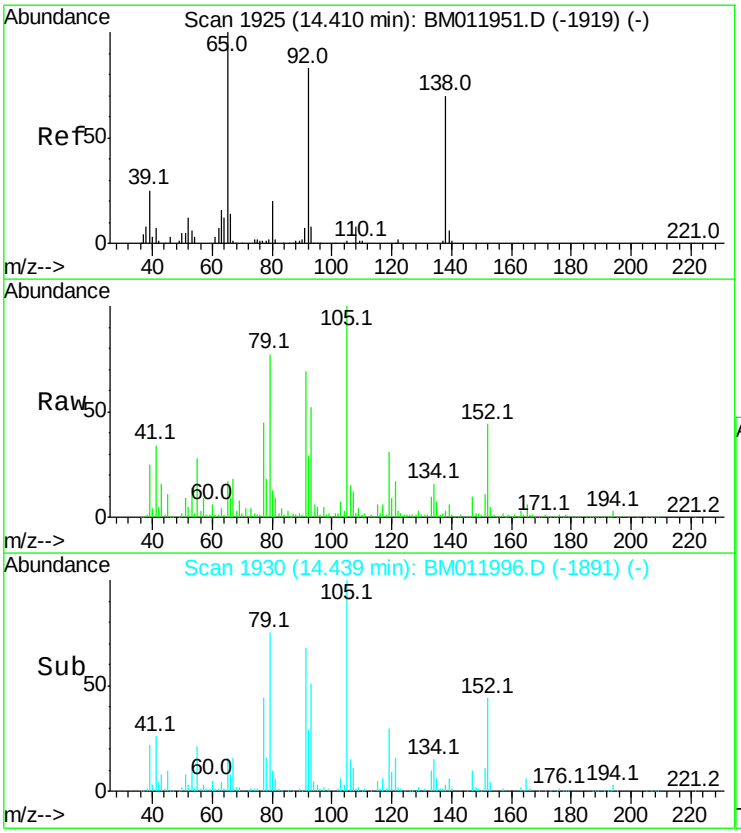
#42
2-Nitroaniline
Concen: 2.244 ng/ul
RT: 13.60 min Scan# 1787
Delta R.T. 0.02 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 22836

Ion	Ratio	Lower	Upper
65	100		
92	46.0	51.8	77.6#
138	8.1	74.2	111.4#

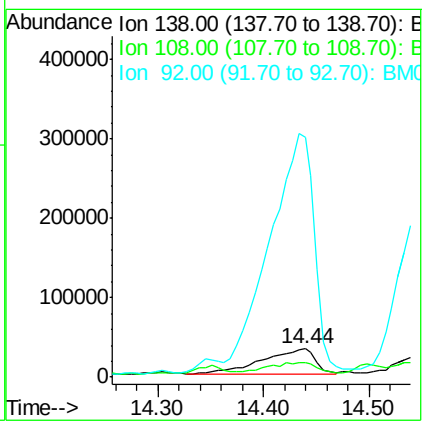


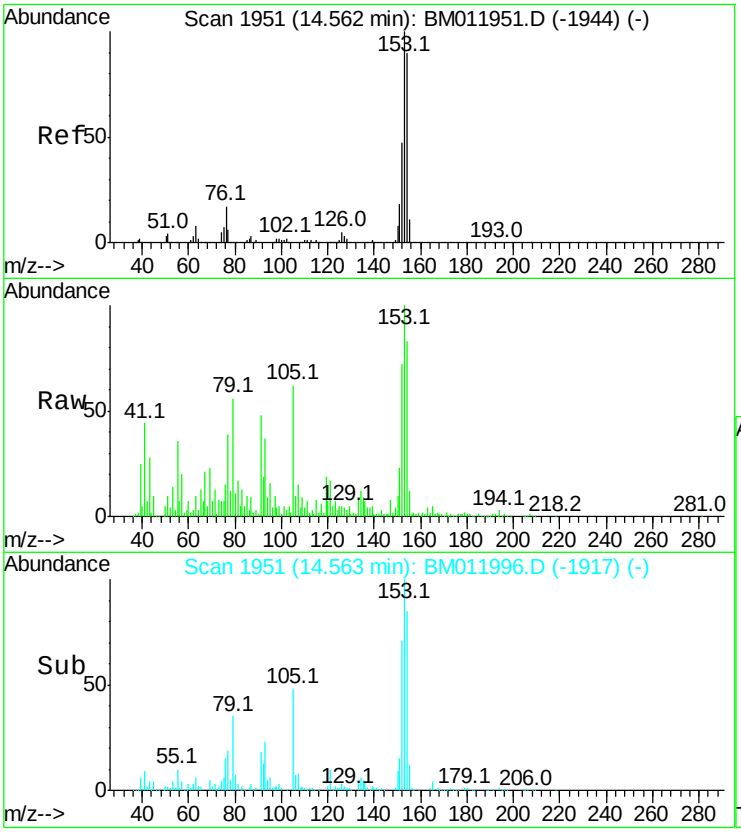


#48
3-Nitroaniline
Concen: 11.980 ng/ul
RT: 14.44 min Scan# 1930
Delta R.T. 0.03 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Tgt Ion:138 Resp: 112108

Ion	Ratio	Lower	Upper
138	100		
108	49.5	9.9	14.9#
92	847.0	105.0	157.4#



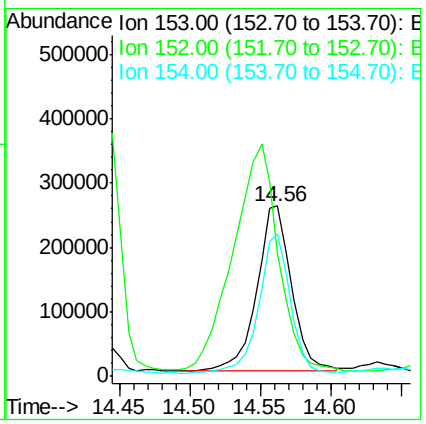


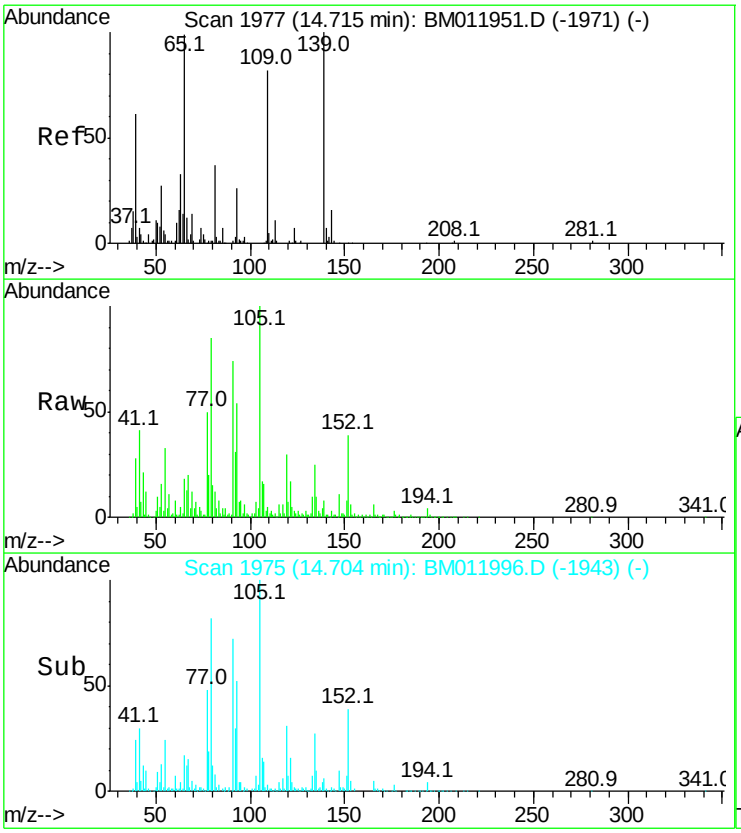
#49
Acenaphthene
Concen: 10.135 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 443809

Ion	Ratio	Lower	Upper
153	100		
152	72.0	37.6	56.4#
154	83.4	70.4	105.6

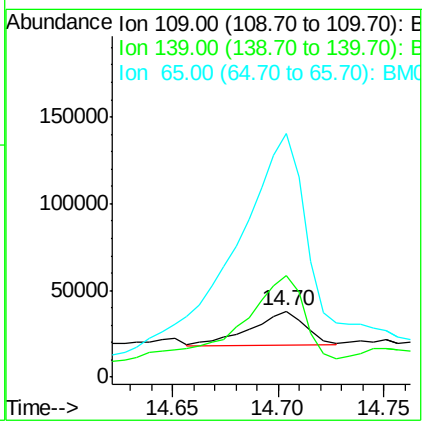


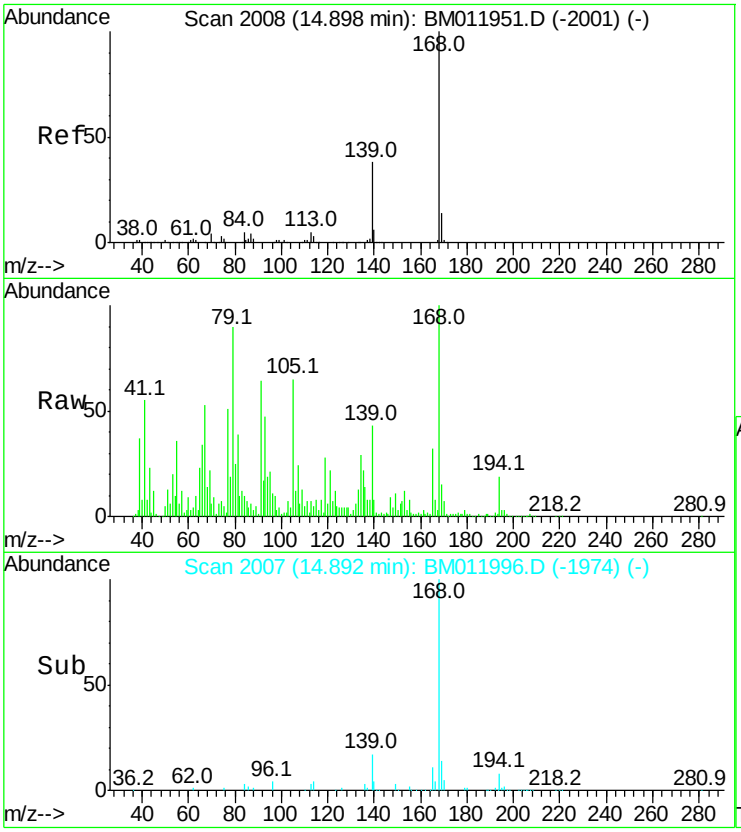


#52
4-Nitrophenol
Concen: 4.521 ng/ul
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Tgt Ion:109 Resp: 35062

Ion	Ratio	Lower	Upper
109	100		
139	154.5	80.0	120.0#
65	370.4	120.0	180.0#



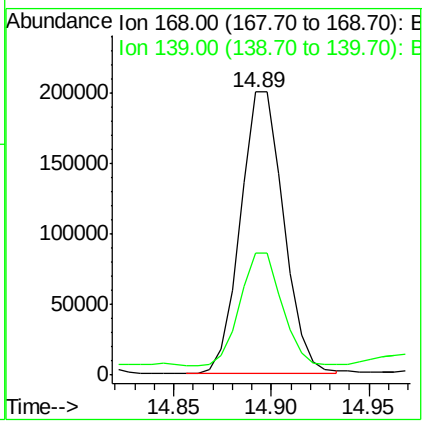


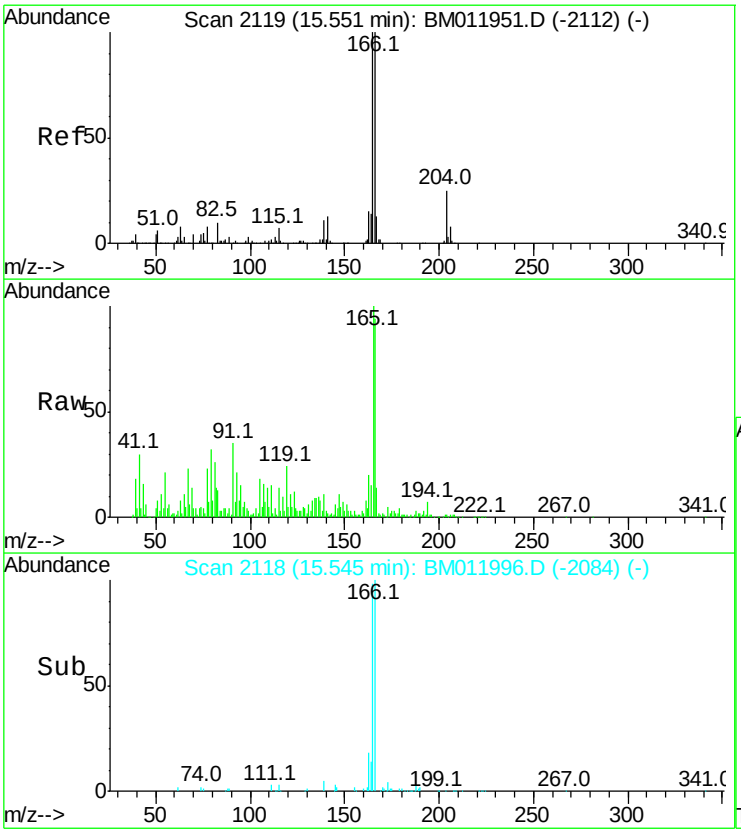
#53
Dibenzofuran
Concen: 4.812 ng/ul
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 305843

Ion	Ratio	Lower	Upper
168	100		
139	43.1	30.8	46.2

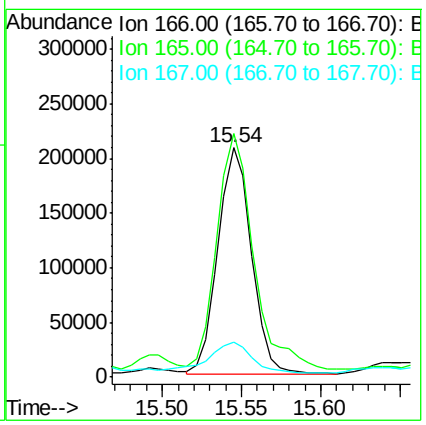


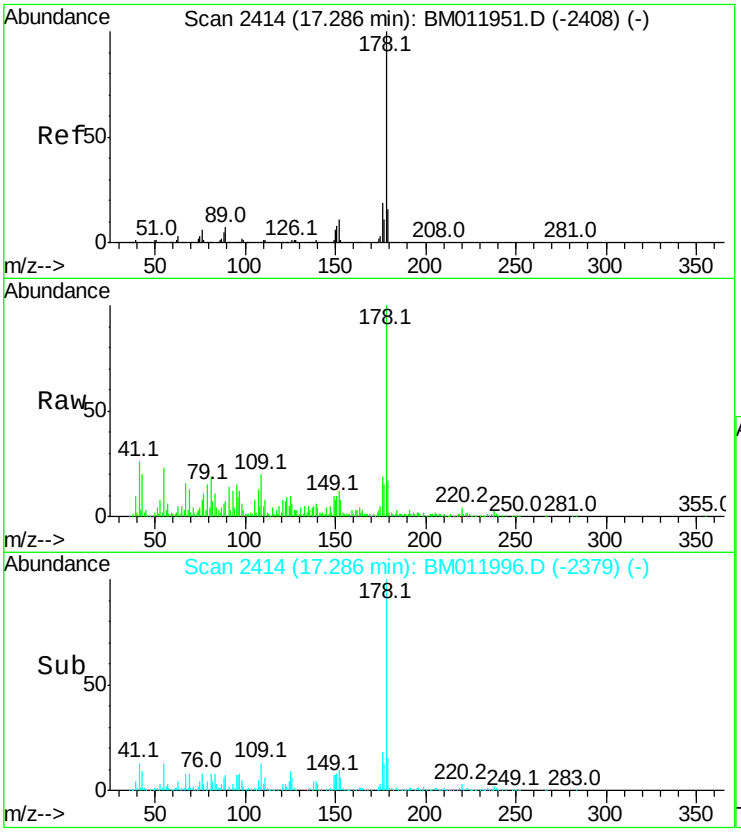


#58
Fluorene
Concen: 5.709 ng/ul
RT: 15.54 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Tgt Ion:166 Resp: 303014

Ion	Ratio	Lower	Upper
166	100		
165	106.3	77.9	116.9
167	15.2	10.6	16.0



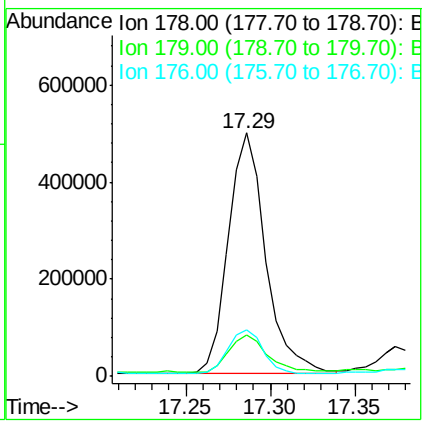


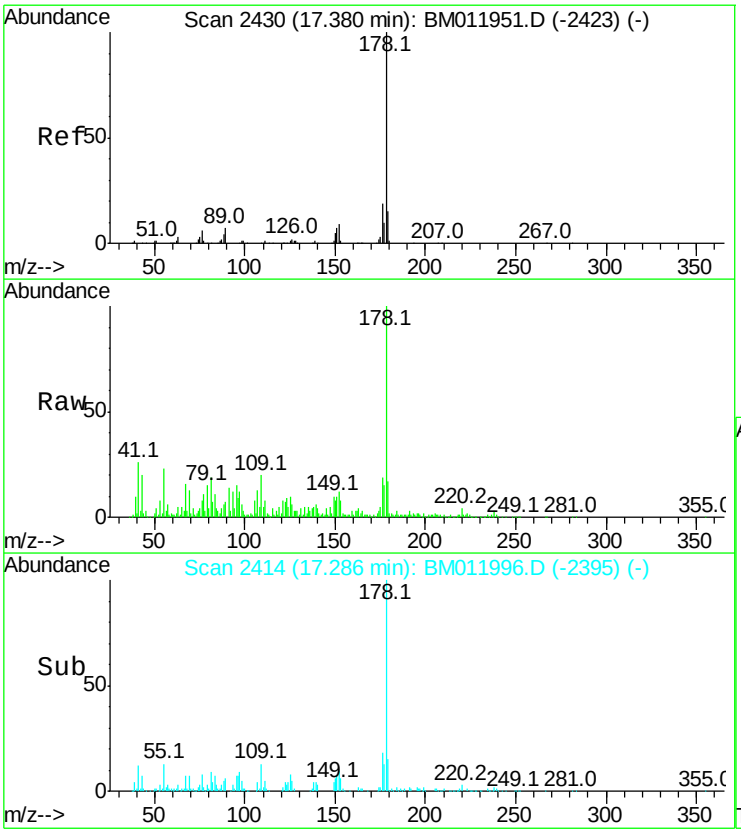
#69
Phenanthrene
Concen: 8.920 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 761600

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	19.0	14.9	22.3

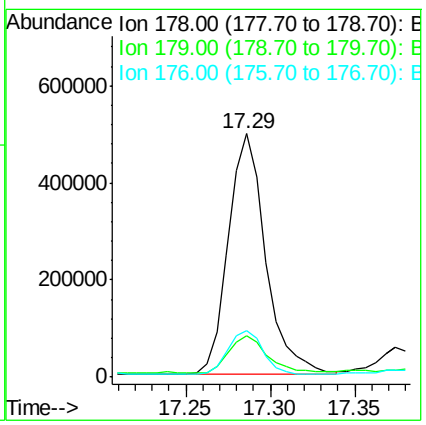


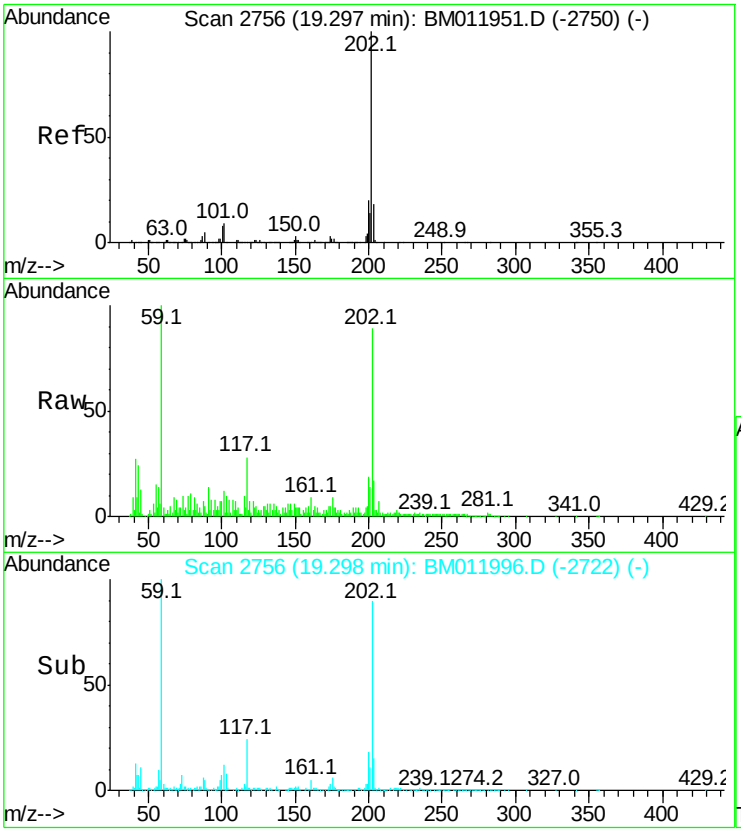


#71
Anthracene
Concen: 8.767 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. -0.09 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Tgt Ion:178 Resp: 761600

Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.7	17.5
176	19.0	14.6	21.8



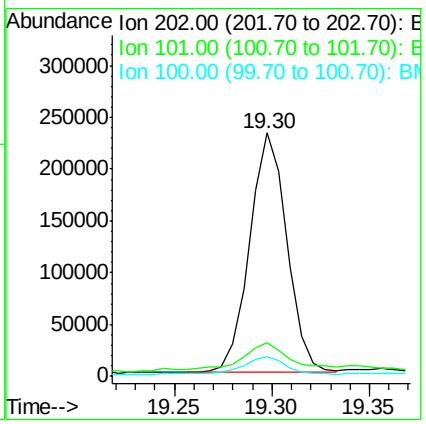


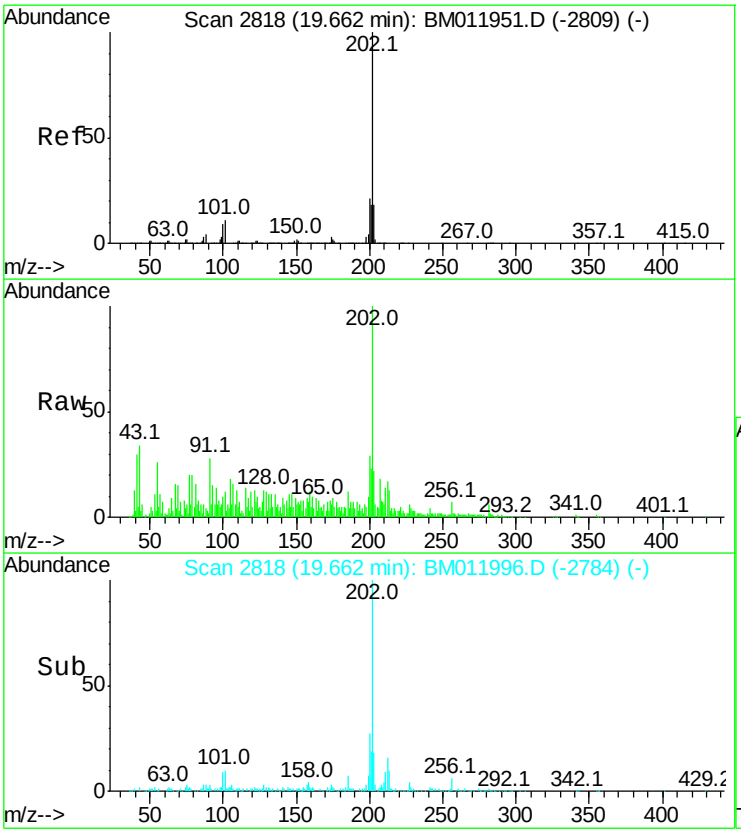
#74
Fluoranthene
Concen: 2.946 ng/ul
RT: 19.30 min Scan# 2756
Delta R.T. -0.00 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 306906

Ion	Ratio	Lower	Upper
202	100		
101	13.7	4.6	7.0#
100	8.3	3.4	5.2#





#77
Pyrene
Concen: 1.887 ng/ul
RT: 19.66 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BM011996.D
Acq: 09 Oct 2017 02:50

Tgt Ion:202 Resp: 197082

Ion	Ratio	Lower	Upper
202	100		
101	12.4	5.1	7.7#
100	10.2	4.9	7.3#