Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012128.D
Acq On : 13 Oct 2017 08:51
Operator : SJ/JU
Sample : I5568-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 13 18:48:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	296115	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	1143895	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.51	164	573334	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.26	188	1064346	20.00	ng/ul	0.03
75) Chrysene-d12	21.45	240	1501423	20.00	ng/ul	0.05
83) Perylene-d12	23.65	264	1559335	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	18496	2.97	ng/uL	0.01
5) Phenol-d5	7.03	99	410235	17.07	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.17	67	255120	17.71	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	368355	18.08	ng/ul	0.03
13) 4-Methylphenol-d8	8.57	113	355576	17.19	ng/ul	0.03
19) Nitrobenzene-d5	9.02	128	176111	20.17	ng/ul	0.02
22) 2-Nitrophenol-d4	9.75	143	157898	15.48	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.29	165	364009	18.69	ng/ul	0.04
29) 4-Chloroaniline-d4	10.80	131	252757	13.87	ng/ul	0.02
43) Dimethylphthalate-d6	13.91	166	1074733	21.21	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	1268012	20.67	ng/ul	0.03
51) 4-Nitrophenol-d4	14.74	143	81192	10.66	ng/ul	0.06
57) Fluorene-d10	15.50	176	814848	19.59	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	15.66	200	268	0.04	ng/ul	0.05
70) Anthracene-d10	17.36	188	1134138	21.55	ng/ul	0.04
76) Pyrene-d10	19.66	212	1321469	17.34	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.65	264	1500911	19.97	ng/ul	0.08
Target Compounds						Qvalue
6) Phenol	7.06	94	53974	2.173	ng/ul#	86
11) 2-Methylphenol	8.30	108	46564	2.493	ng/ul	100
17) Hexachloroethane	8.95	117	18208	2.075	ng/ul#	1
20) Nitrobenzene	9.05	77	25243	1.164	ng/ul#	26
28) Naphthalene	10.71	128	88602	1.497	ng/ul	98
44) Dimethylphthalate	13.96	163	668443	13.167	ng/ul	99
49) Acenaphthene	14.57	153	189383	4.668	ng/ul	98
53) Dibenzofuran	14.90	168	94601	1.619	ng/ul	98
58) Fluorene	15.56	166	160207	3.302	ng/ul	96
69) Phenanthrene	17.30	178	2807880	46.375	ng/ul	98
71) Anthracene	17.39	178	924983	14.757	ng/ul	99
72) Carbazole	17.66	167	141850	2.674	ng/ul#	94
74) Fluoranthene	19.33	202	12145606	166.220	ng/ul#	88
77) Pyrene	19.69	202	11294931	113.911	ng/ul#	91
80) Benzo(a)anthracene	21.43	228	11108085	113.700	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.32	149	232452	3.510	ng/ul#	93
82) Chrysene	21.43	228	11108085	121.104	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	145389	1.429	ng/ul#	1
86) Benzo(k)fluoranthene	23.10	252	14466641	147.522	ng/ul#	94
88) Benzo(a)pyrene	23.60	252	6709932	69.960	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.04	276	112369	1.103	ng/ul#	17

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012128.D
Acq On : 13 Oct 2017 08:51
Operator : SJ/JU
Sample : I5568-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 13 18:48:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012128.D
Acq On : 13 Oct 2017 08:51
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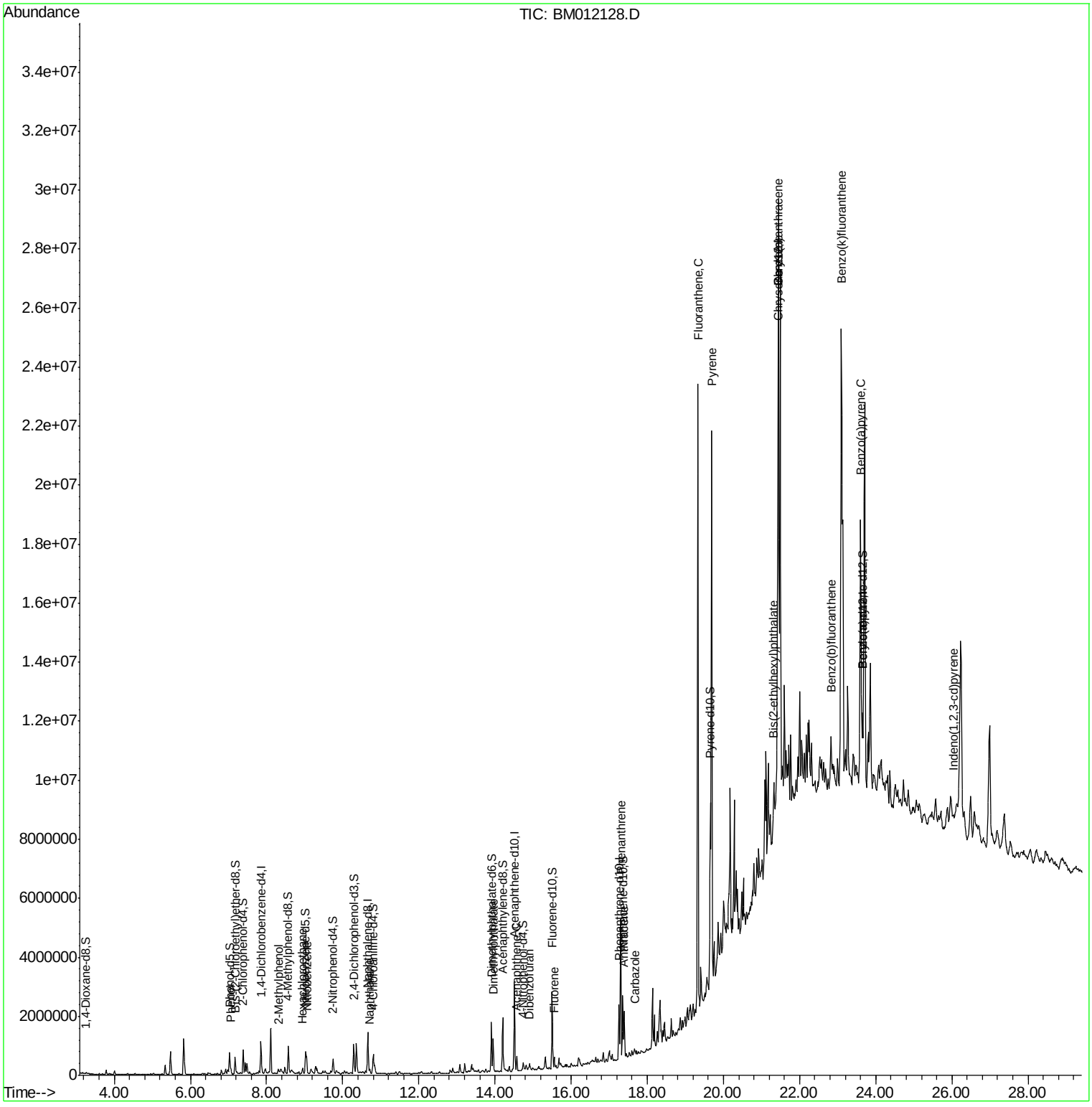
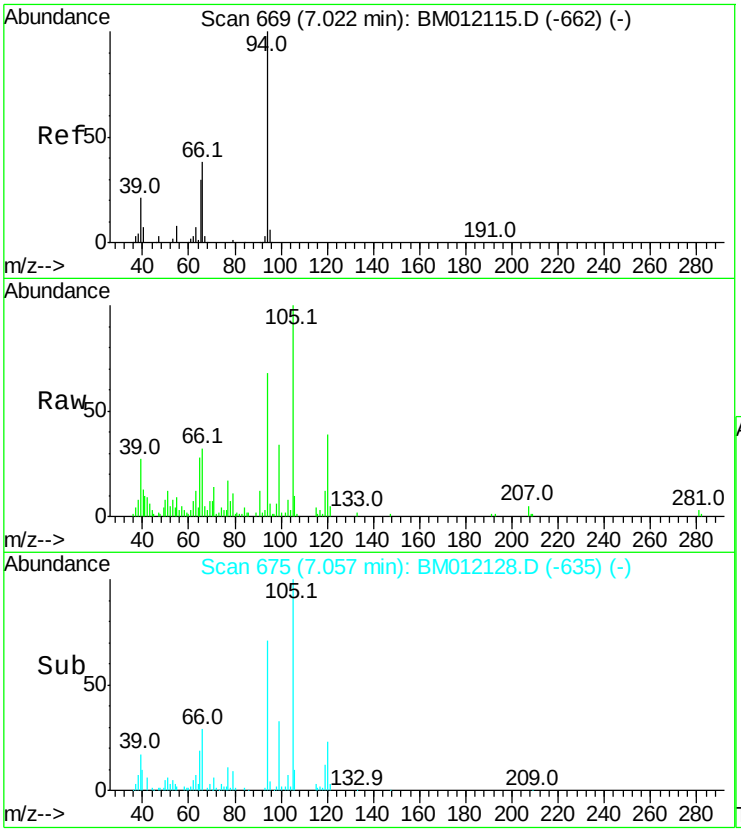
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



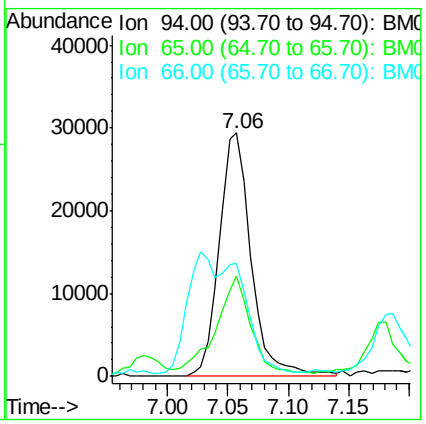


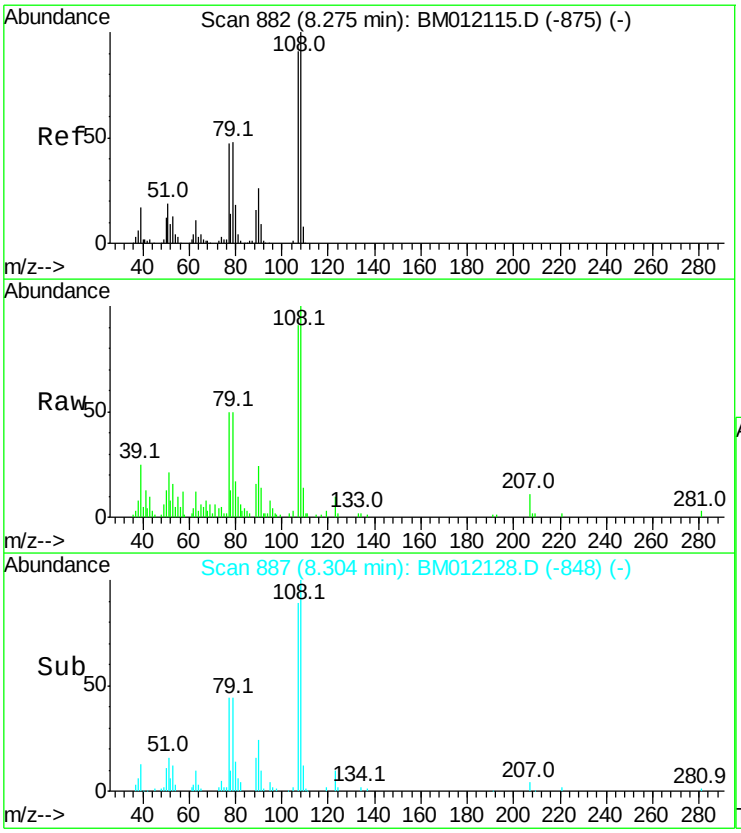
#6
Phenol
Concen: 2.173 ng/ul
RT: 7.06 min Scan# 675
Delta R.T. 0.04 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 53974

Ion	Ratio	Lower	Upper
94	100		
65	41.0	28.2	42.4
66	46.4	47.2	70.8#

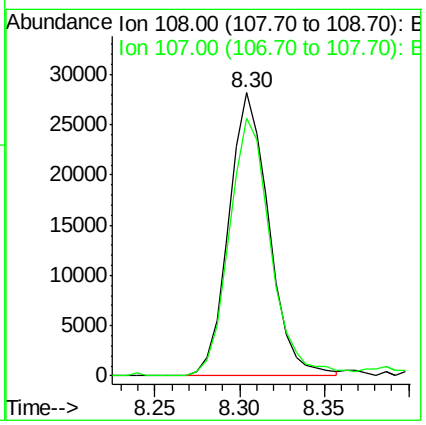


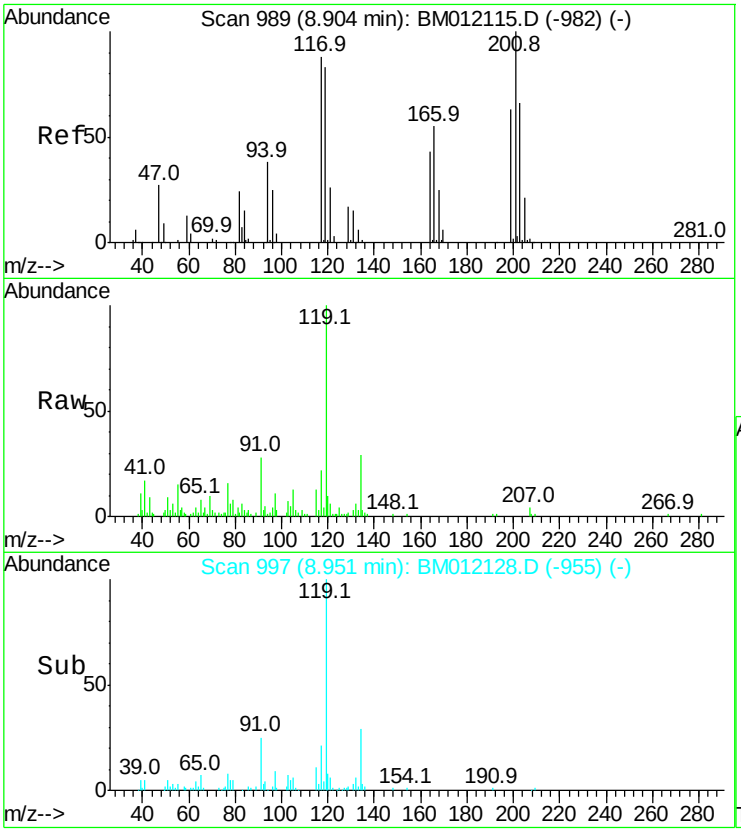


#11
2-Methylphenol
Concen: 2.493 ng/ul
RT: 8.30 min Scan# 887
Delta R.T. 0.03 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Tgt Ion:108 Resp: 46564

Ion	Ratio	Lower	Upper
108	100		
107	91.1	72.6	108.8



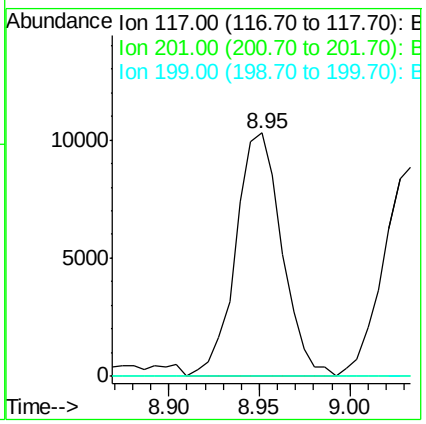


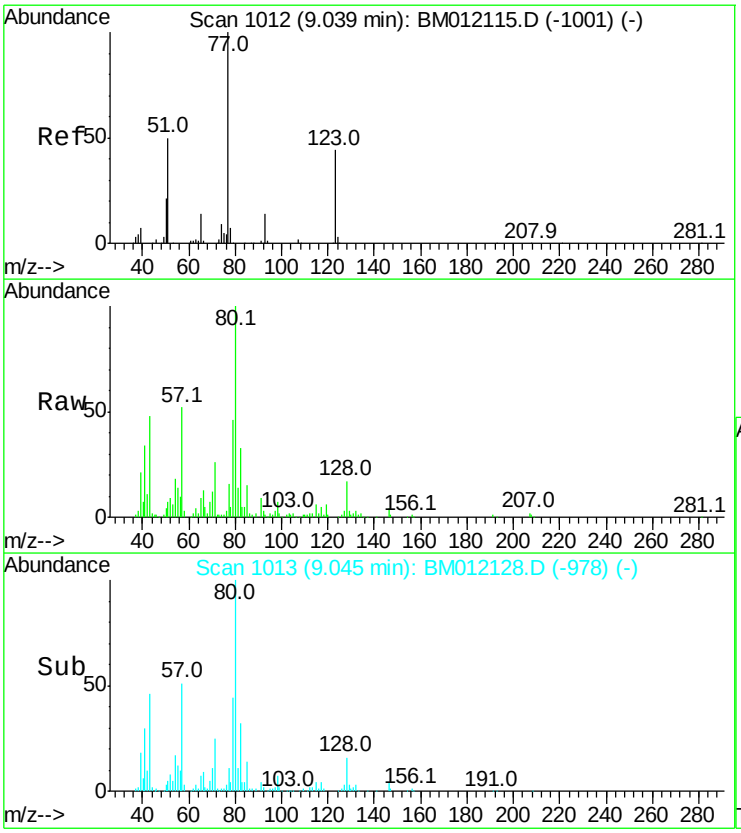
#17
Hexachloroethane
Concen: 2.075 ng/ul
RT: 8.95 min Scan# 997
Delta R.T. 0.05 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 18208

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

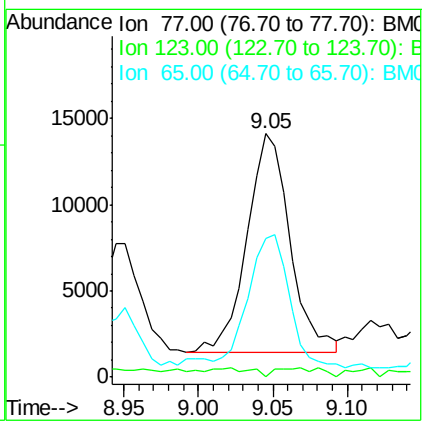


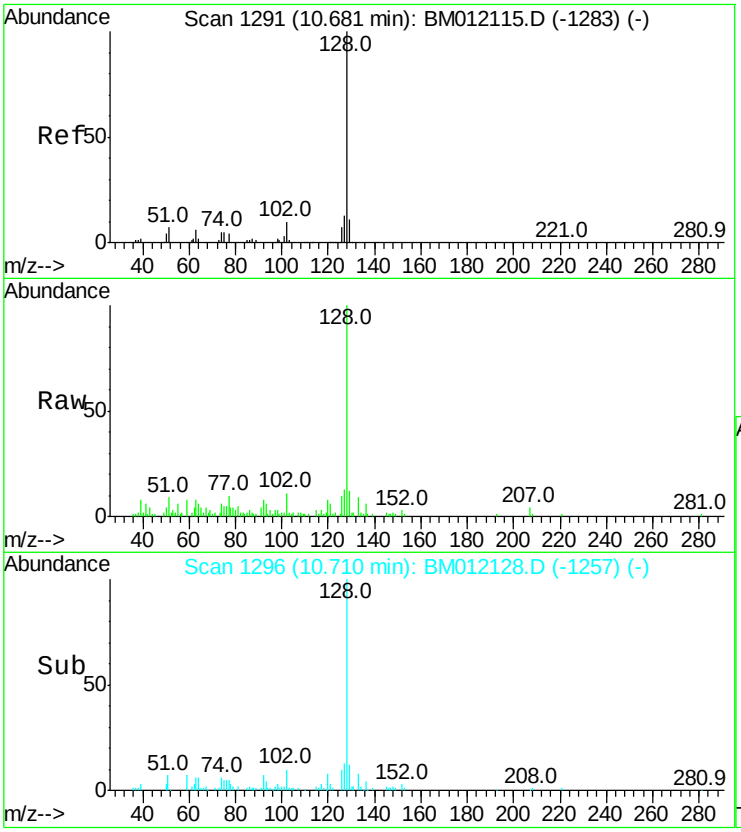


#20
Nitrobenzene
Concen: 1.164 ng/ul
RT: 9.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Tgt Ion: 77 Resp: 25243

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.0	46.6#
65	56.8	12.2	18.2#



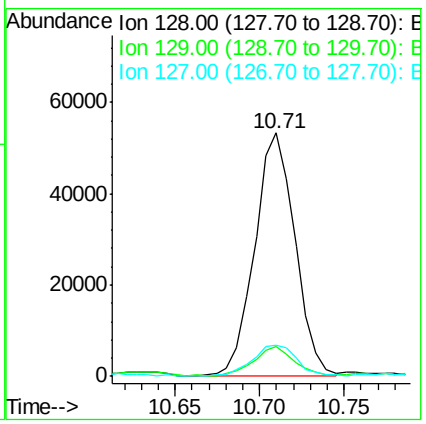


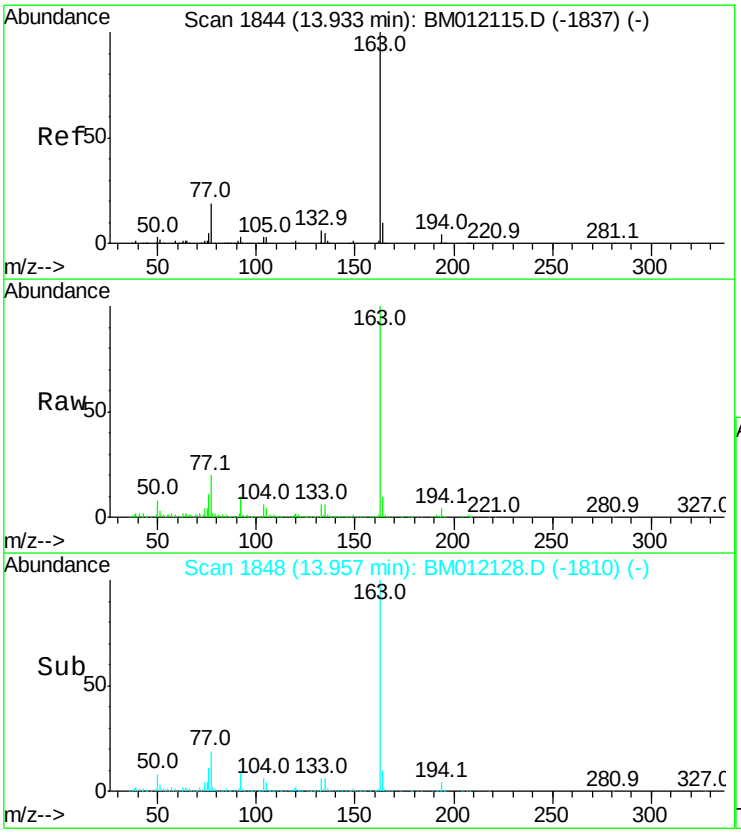
#28
Naphthalene
Concen: 1.497 ng/ul
RT: 10.71 min Scan# 1296
Delta R.T. 0.03 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 88602

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.8	13.2
127	13.0	10.6	16.0

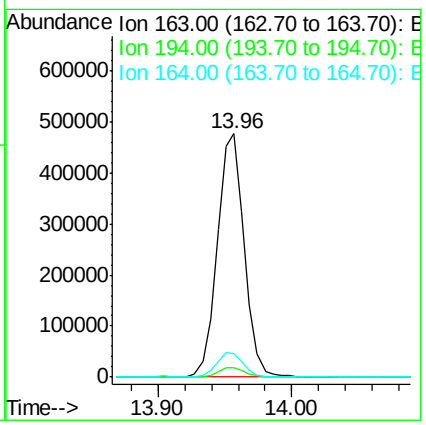


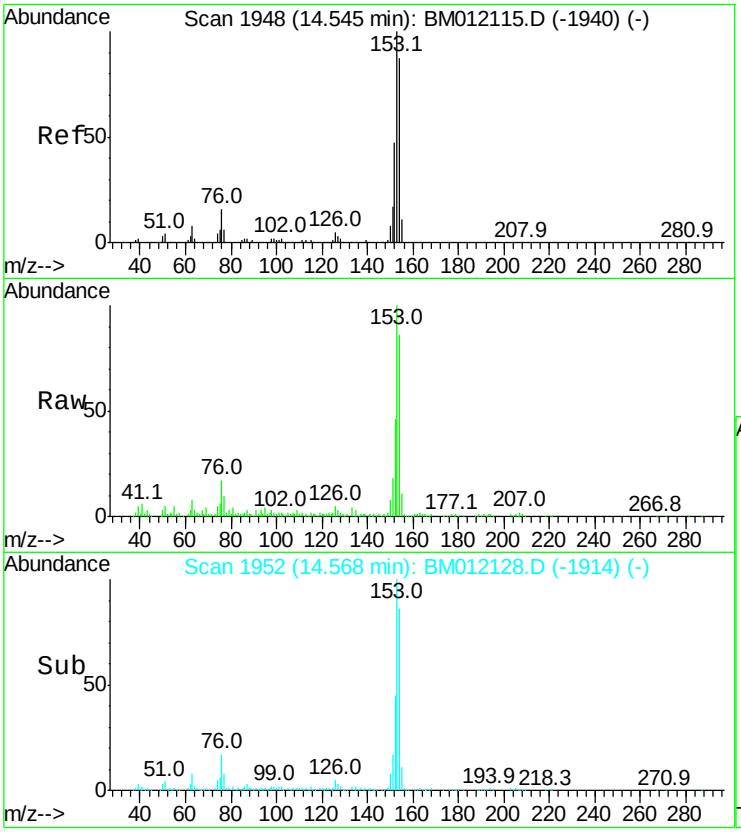


#44
Dimethylphthalate
Concen: 13.167 ng/ul
RT: 13.96 min Scan# 1848
Delta R.T. 0.02 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Tgt Ion:163 Resp: 668443

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.8	8.2	12.4



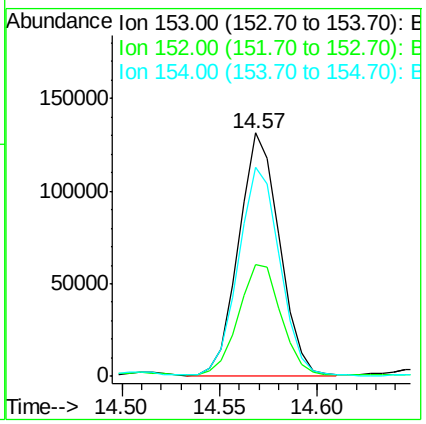


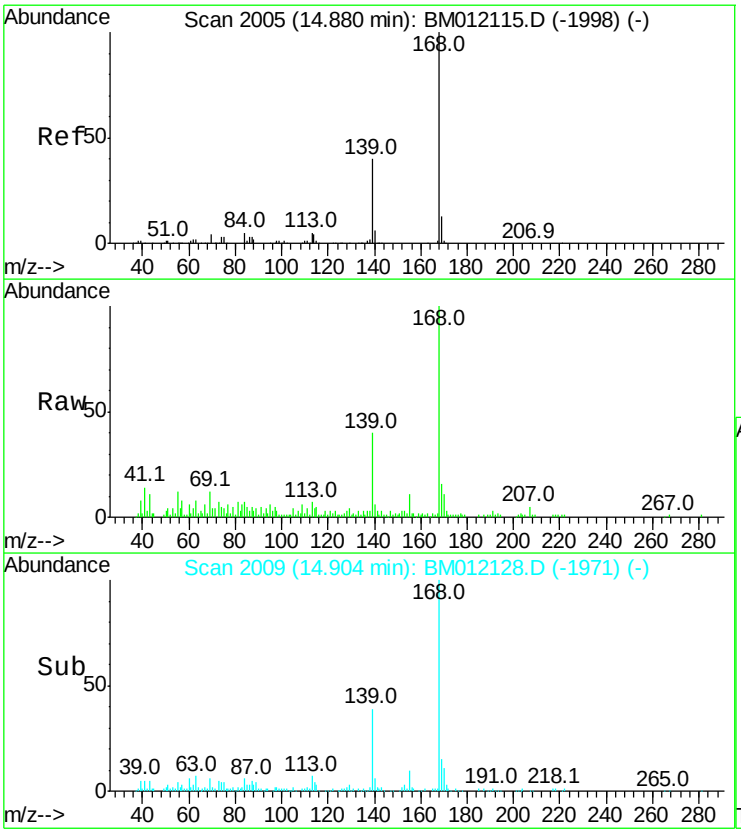
#49
Acenaphthene
Concen: 4.668 ng/ul
RT: 14.57 min Scan# 1952
Delta R.T. 0.02 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 189383

Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.6	56.4
154	86.0	70.4	105.6

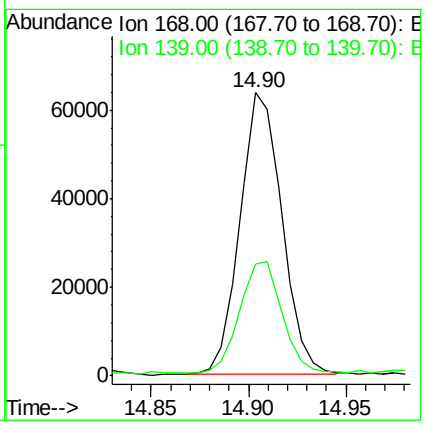


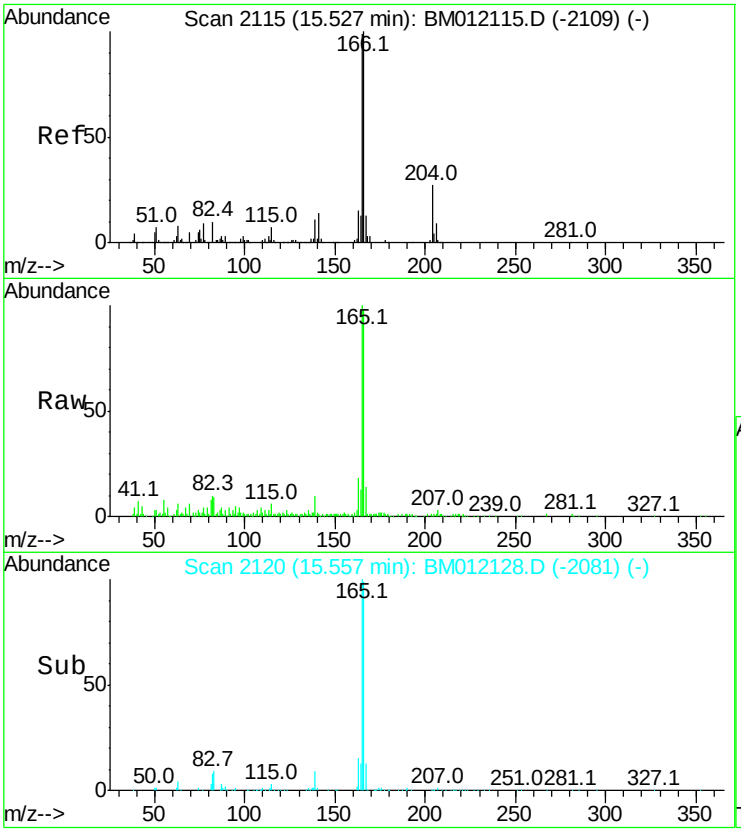


#53
Dibenzofuran
Concen: 1.619 ng/ul
RT: 14.90 min Scan# 2009
Delta R.T. 0.02 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Tgt Ion:168 Resp: 94601

Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.8	46.2



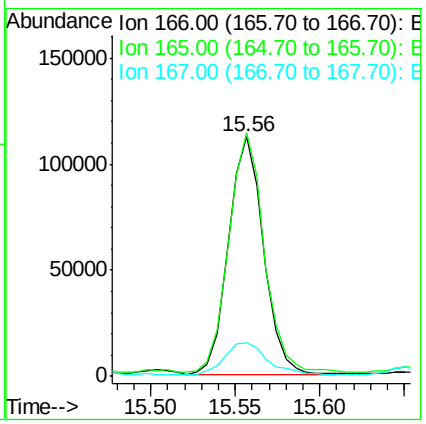


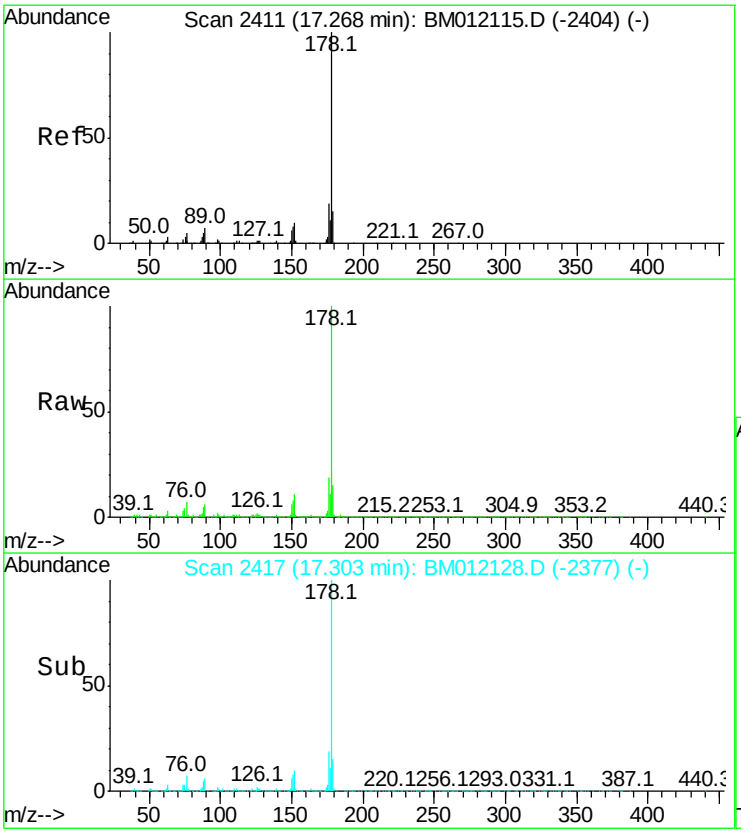
#58
Fluorene
Concen: 3.302 ng/ul
RT: 15.56 min Scan# 2120
Delta R.T. 0.03 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 160207

Ion	Ratio	Lower	Upper
166	100		
165	101.8	77.9	116.9
167	14.3	10.6	16.0

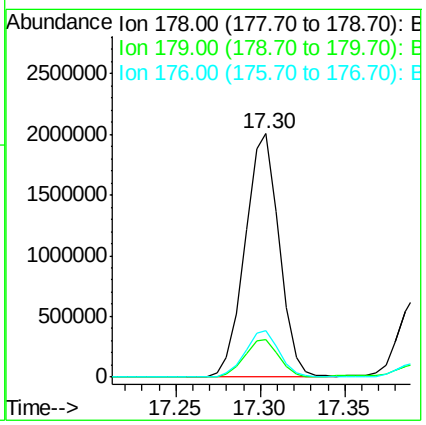


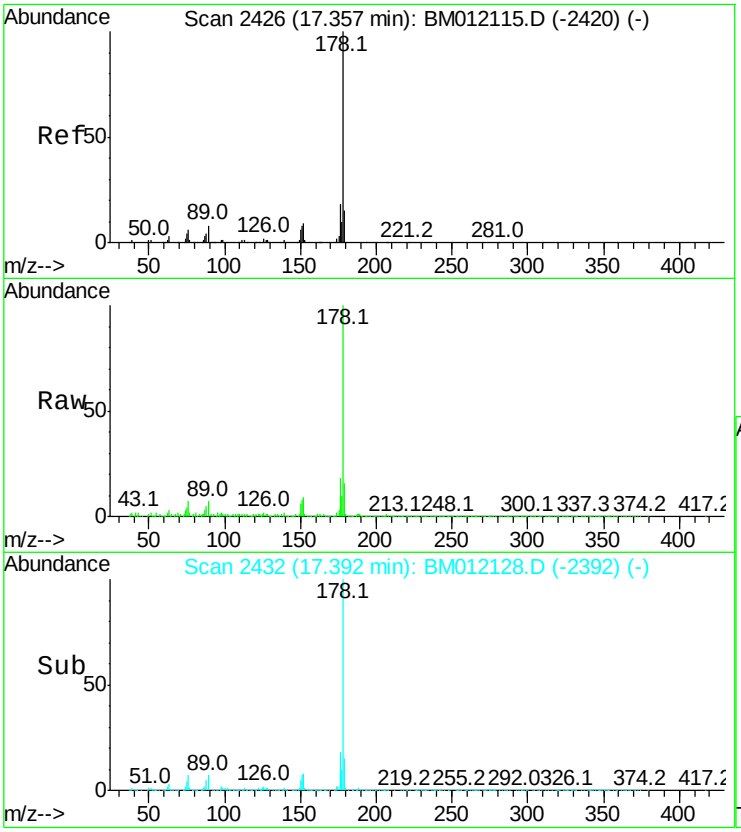


#69
Phenanthrene
Concen: 46.375 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. 0.04 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Tgt Ion:178 Resp: 2807880

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.3	14.9	22.3



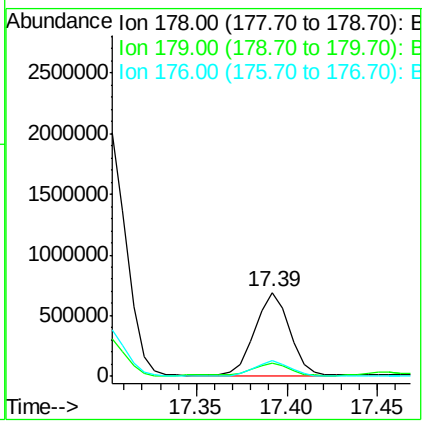


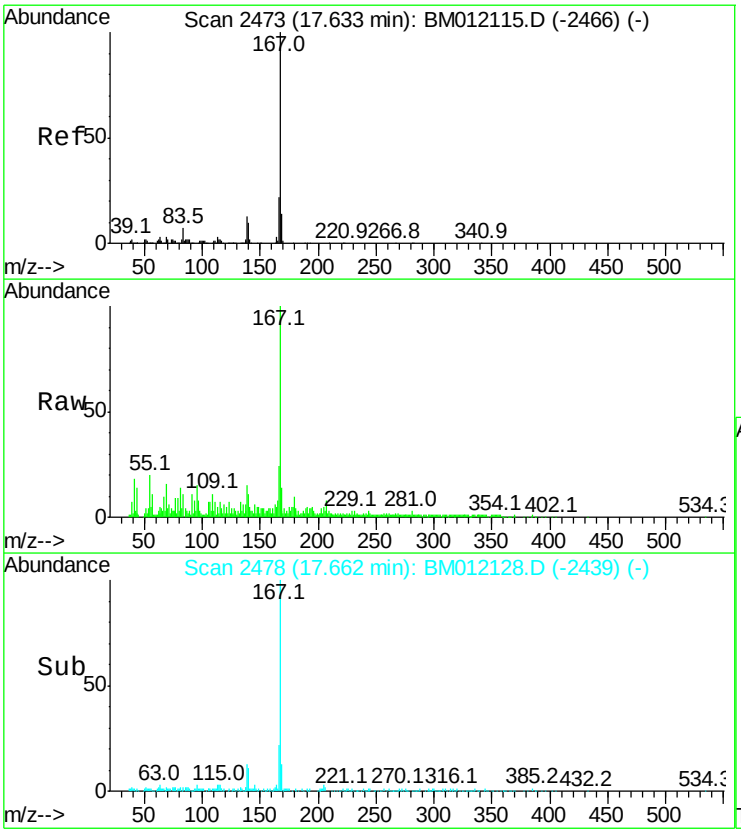
#71
Anthracene
Concen: 14.757 ng/ul
RT: 17.39 min Scan# 2432
Delta R.T. 0.04 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 924983

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	18.2	14.6	21.8

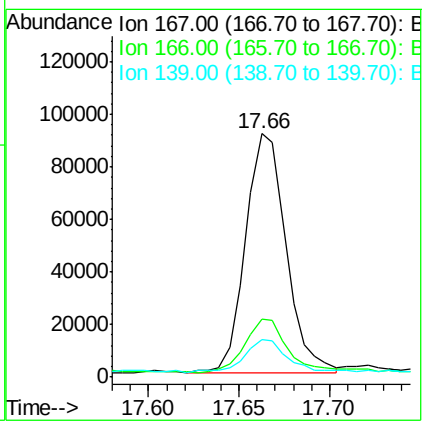


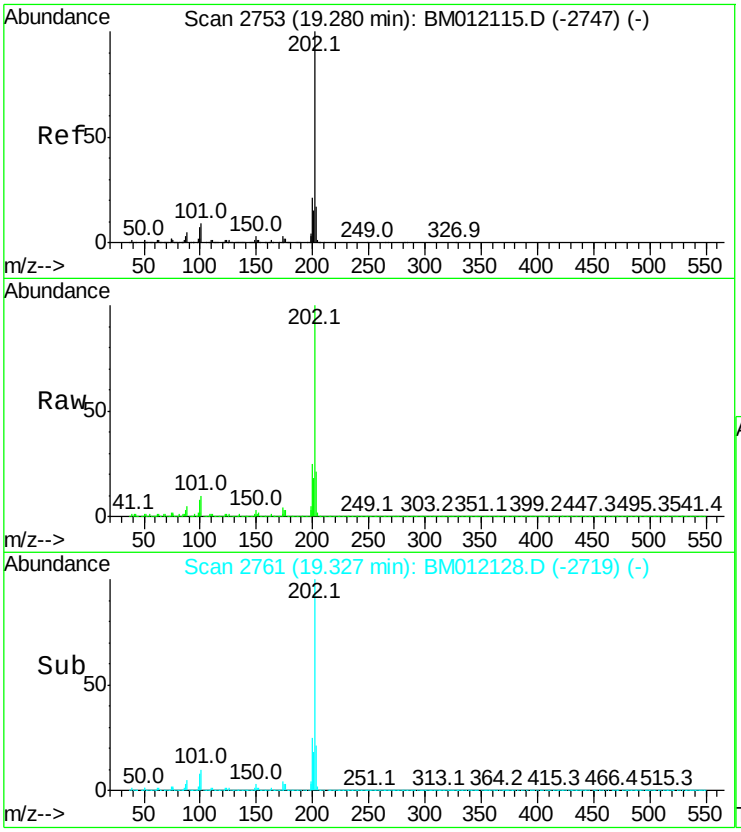


#72
Carbazole
Concen: 2.674 ng/ul
RT: 17.66 min Scan# 2478
Delta R.T. 0.03 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Tgt Ion:167 Resp: 141850

Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.1	25.7
139	15.3	10.0	15.0#



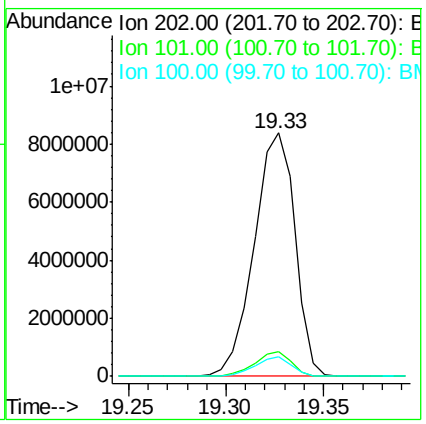


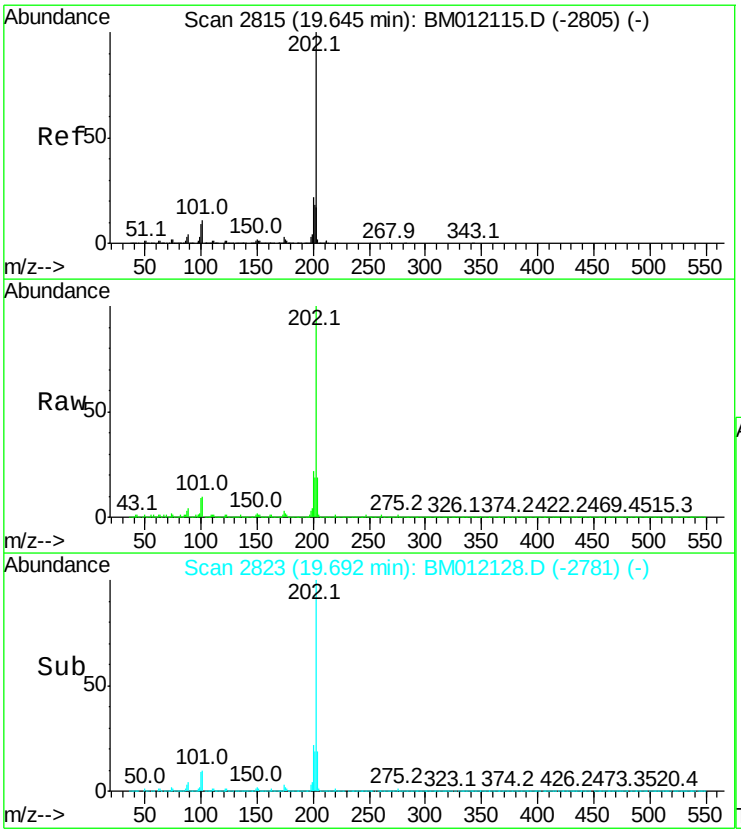
#74
Fluoranthene
Concen: 166.220 ng/ul
RT: 19.33 min Scan# 2761
Delta R.T. 0.05 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp:12145606

Ion	Ratio	Lower	Upper
202	100		
101	10.1	4.6	7.0#
100	8.0	3.4	5.2#

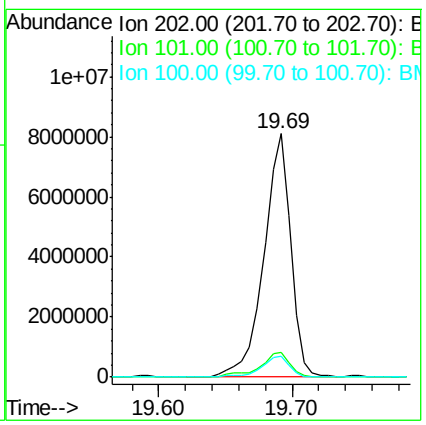


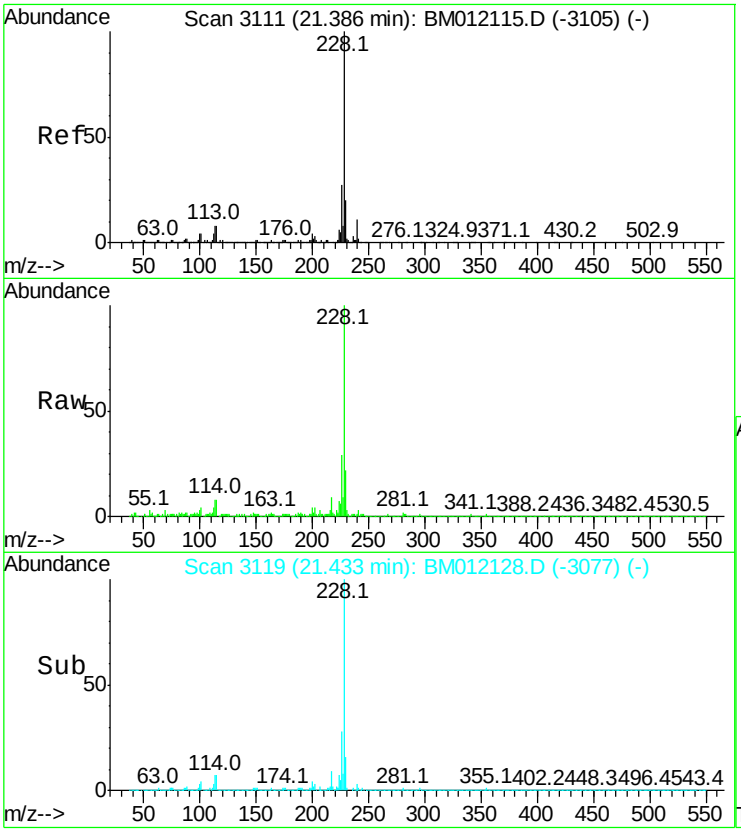


#77
Pyrene
Concen: 113.911 ng/ul
RT: 19.69 min Scan# 2823
Delta R.T. 0.05 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Tgt Ion:202 Resp:11294931

Ion	Ratio	Lower	Upper
202	100		
101	10.3	5.1	7.7#
100	8.5	4.9	7.3#



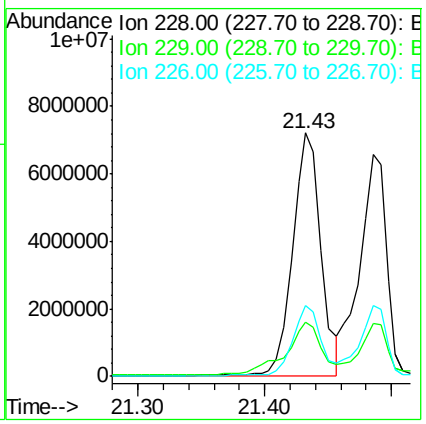


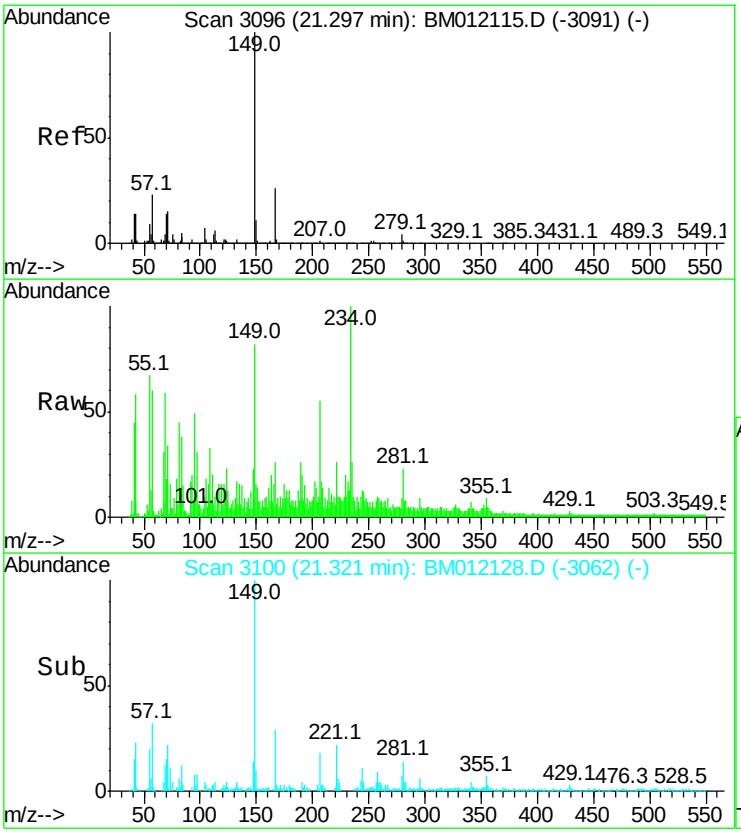
#80
Benzo(a)anthracene
Concen: 113.700 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. 0.05 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp:11108085

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.4	23.0
226	29.1	21.4	32.0

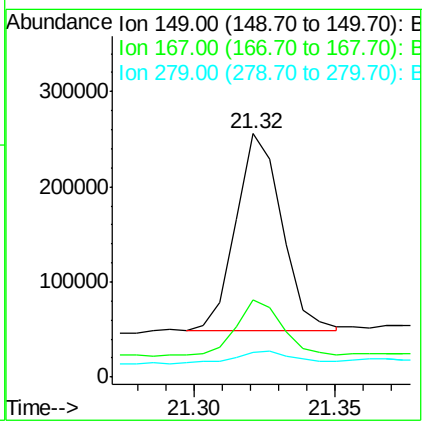


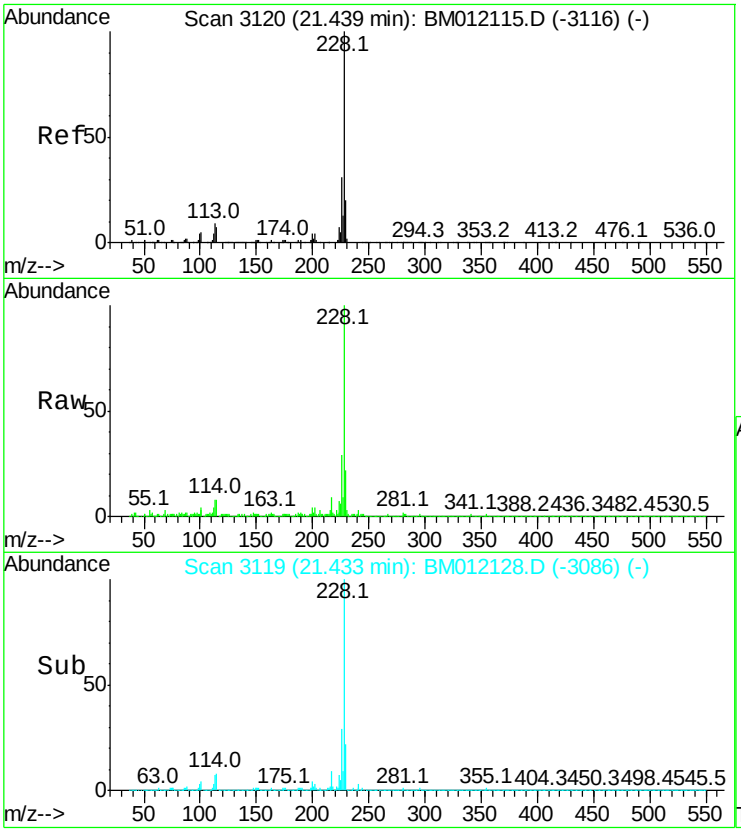


#81
Bis(2-ethylhexyl)phthalate
Concen: 3.510 ng/ul
RT: 21.32 min Scan# 3100
Delta R.T. 0.02 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Tgt Ion:149 Resp: 232452

Ion	Ratio	Lower	Upper
149	100		
167	31.8	22.8	34.2
279	10.4	4.9	7.3#



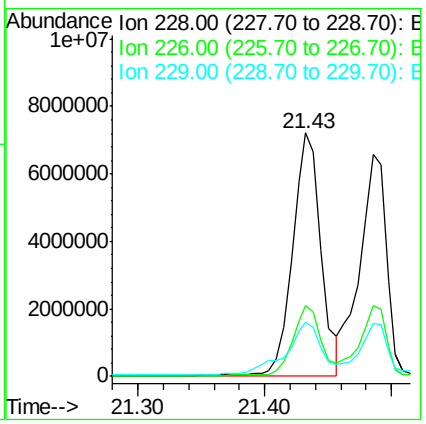


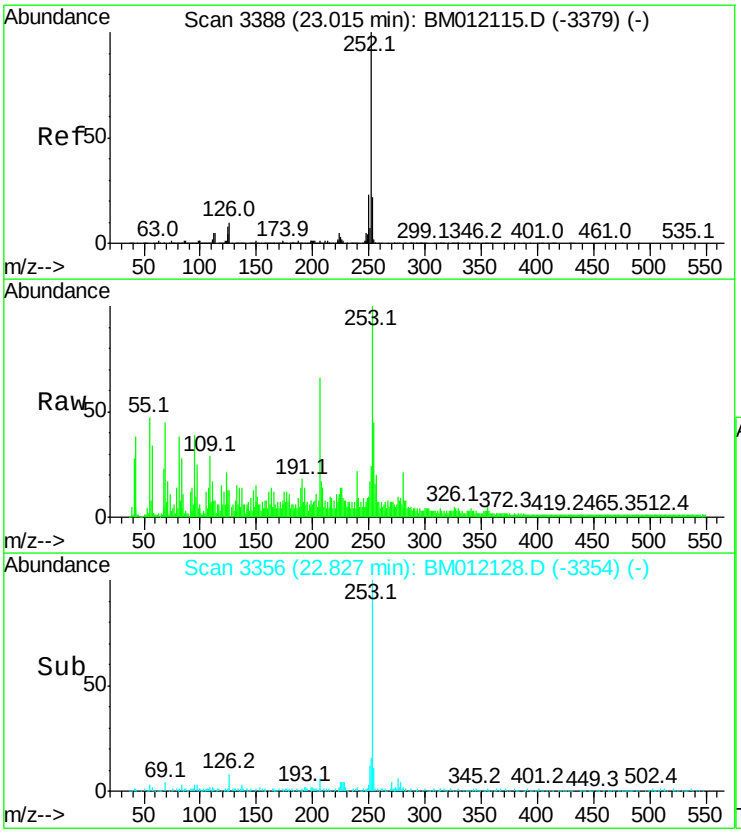
#82
Chrysene
Concen: 121.104 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp:11108085

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	22.4	15.5	23.3

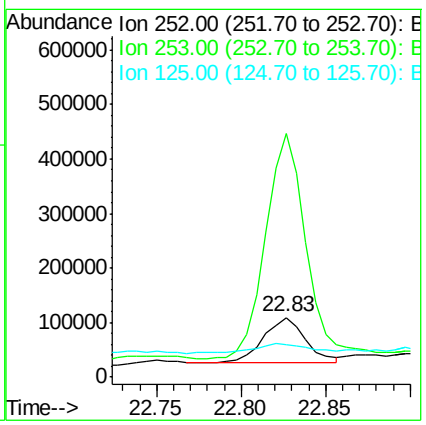


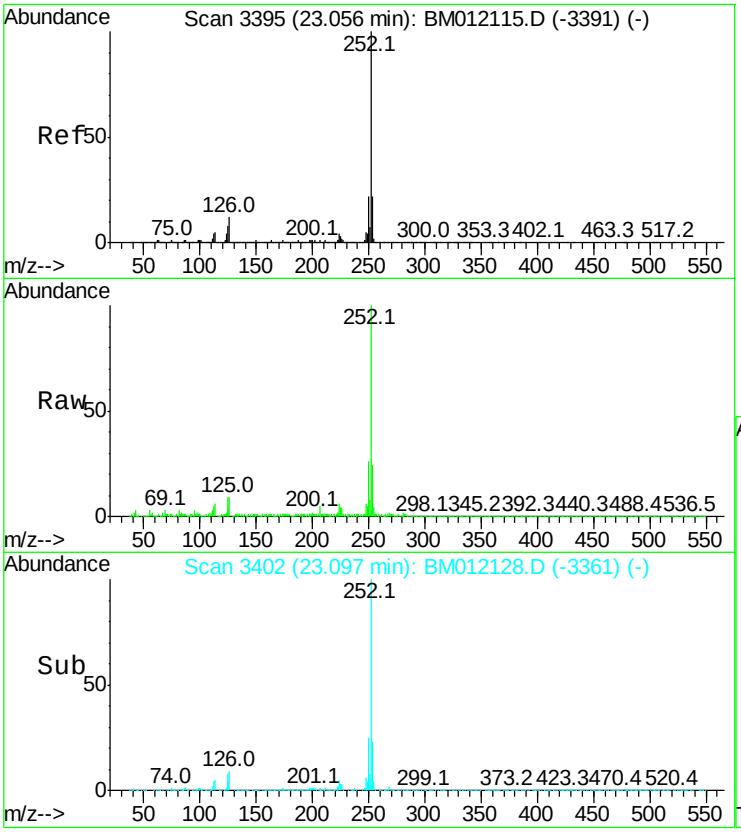


#85
Benzo(b)fluoranthene
Concen: 1.429 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.19 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Tgt Ion:252 Resp: 145389

Ion	Ratio	Lower	Upper
252	100		
253	410.5	17.9	26.9#
125	54.5	3.6	5.4#



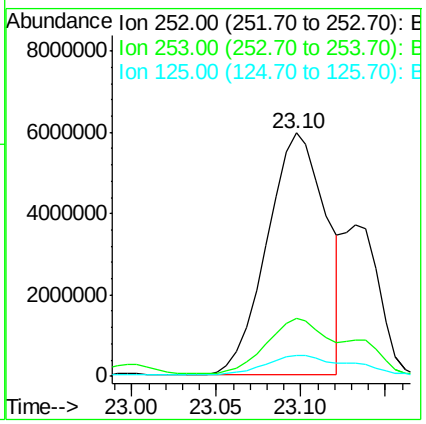


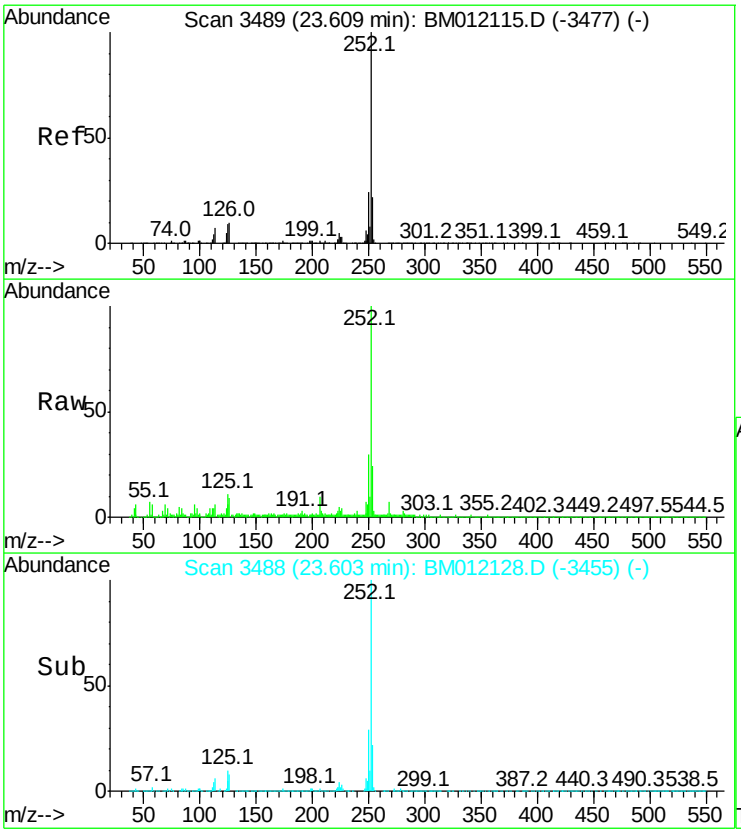
#86
Benzo(k)fluoranthene
Concen: 147.522 ng/ul
RT: 23.10 min Scan# 3402
Delta R.T. 0.04 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp:14466641

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	8.7	3.4	5.2#

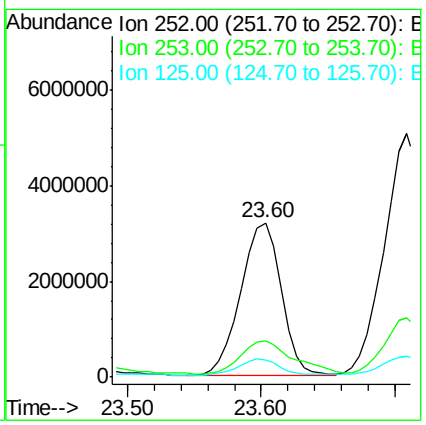


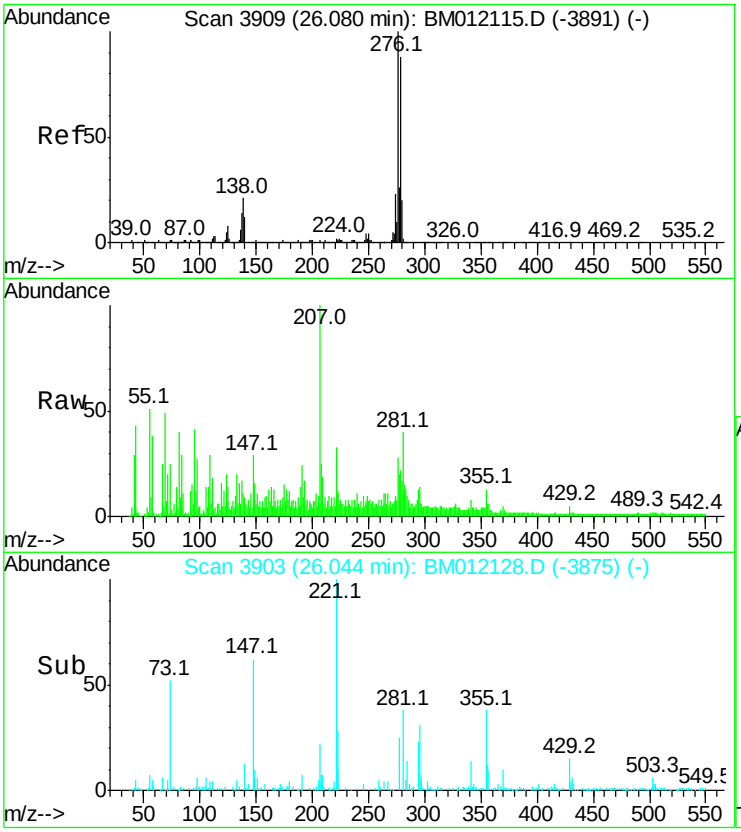


#88
Benzo(a)pyrene
Concen: 69.960 ng/ul
RT: 23.60 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Tgt Ion:252 Resp: 6709932

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	11.3	4.0	6.0#





#89
Indeno(1,2,3-cd)pyrene
Concen: 1.103 ng/ul
RT: 26.04 min Scan# 3903
Delta R.T. -0.04 min
Lab File: BM012128.D
Acq: 13 Oct 2017 08:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 112369

Ion	Ratio	Lower	Upper
276	100		
138	37.5	9.3	13.9#
277	70.4	19.9	29.9#