Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121517\
Data File : BM013451.D
Acq On : 15 Dec 2017 22:44
Operator : SJ/JU
Sample : I6775-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A12

Quant Time: Dec 24 23:39:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	228258	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	970870	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	582417	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1355758	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1366976	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1065521	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	24146	5.24	ng/uL	0.00
5) Phenol-d5	6.86	99	887417	44.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	322242	28.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	737853	47.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	477442	28.30	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	328339	42.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	265732	32.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	494717	29.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	650595	41.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1550149	29.91	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1958353	30.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	184396	20.48	ng/ul	0.00
57) Fluorene-d10	15.32	176	1331105	29.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	127584	14.96	ng/ul	0.00
70) Anthracene-d10	17.17	188	2131469	31.39	ng/ul	0.00
76) Pyrene-d10	19.47	212	2397463	35.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1740197	32.06	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	70843	3.629	ng/ul#	88
40) 1,1'-Biphenyl	13.15	154	369437	7.505	ng/ul	99
44) Dimethylphthalate	13.78	163	297574	6.003	ng/ul	100
49) Acenaphthene	14.39	153	1997819	49.551	ng/ul	98
53) Dibenzofuran	14.72	168	2112243	35.487	ng/ul	99
58) Fluorene	15.37	166	1777444	36.097	ng/ul	98
68) Pentachlorophenol	16.72	266	11094	1.091	ng/ul	96
69) Phenanthrene	17.12	178	6141988	79.742	ng/ul	99
71) Anthracene	17.20	178	1304465	16.569	ng/ul	99
72) Carbazole	17.47	167	424460	6.268	ng/ul	98
74) Fluoranthene	19.13	202	5814045	61.596	ng/ul#	92
77) Pyrene	19.50	202	3888208	46.819	ng/ul#	90
80) Benzo(a)anthracene	21.24	228	781482	9.010	ng/ul	98
82) Chrysene	21.30	228	726866	9.033	ng/ul	98
85) Benzo(b)fluoranthene	22.82	252	307885	4.286	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	102022	1.509	ng/ul#	95
88) Benzo(a)pyrene	23.39	252	164923	2.556	ng/ul#	94

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

Quantitation Report (LSC Reviewed)

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Data File : BM013451.D
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Misc :
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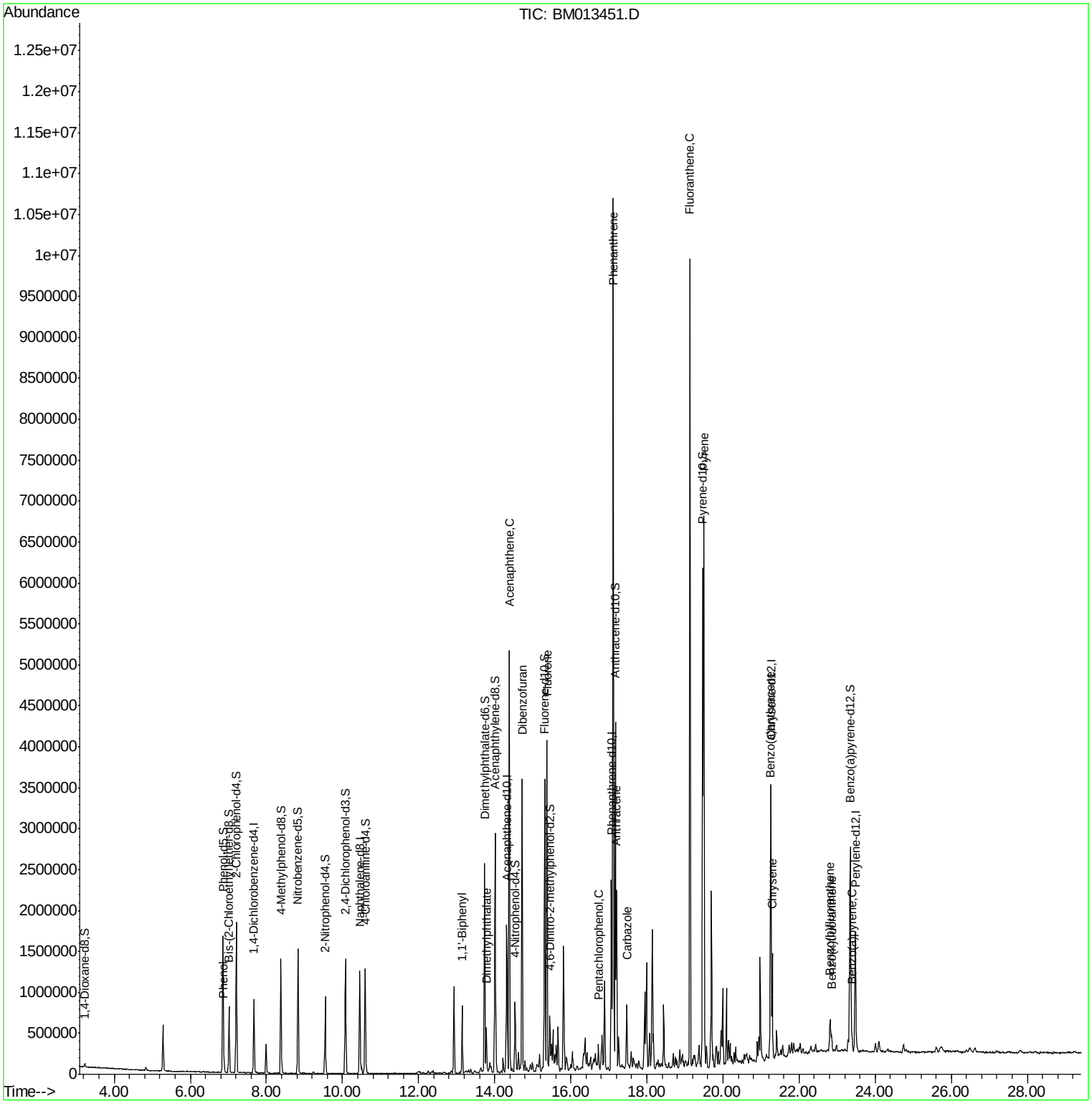
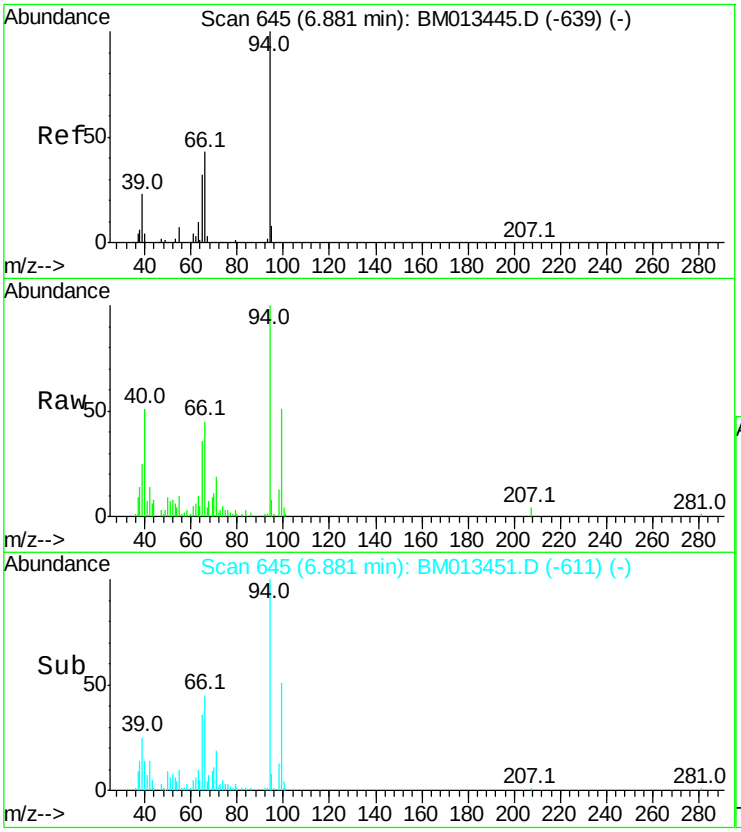


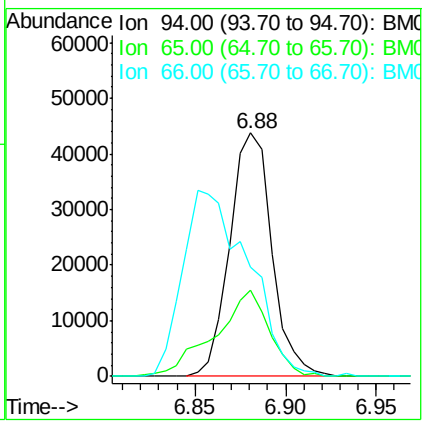


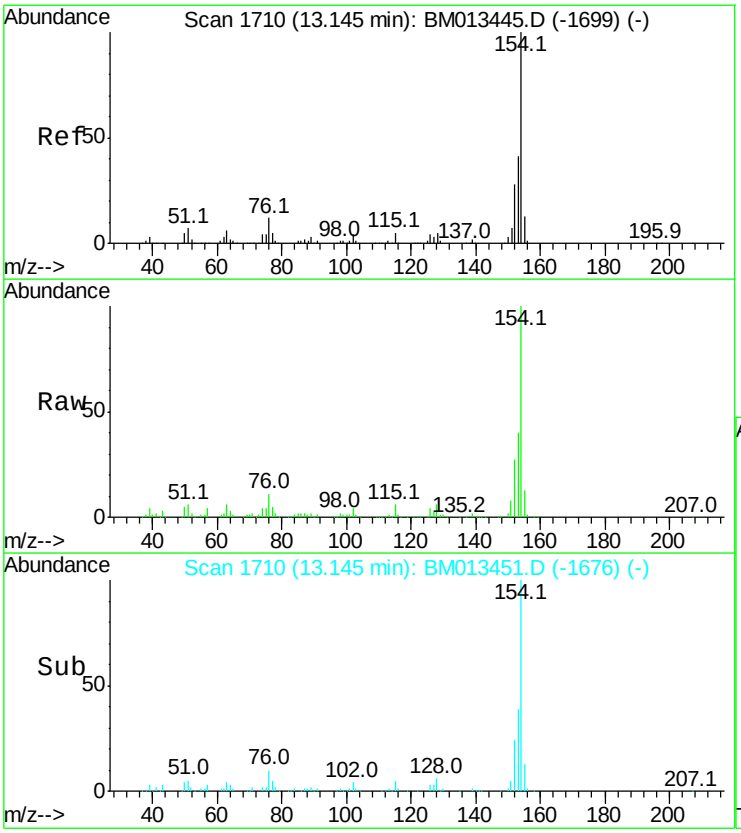
#6
Phenol
Concen: 3.629 ng/ul
RT: 6.88 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Instrument :
BNA_M
ClientSampleId :
F9A12

Tgt Ion: 94 Resp: 70843

Ion	Ratio	Lower	Upper
94	100		
65	35.5	28.2	42.4
66	45.1	47.2	70.8#

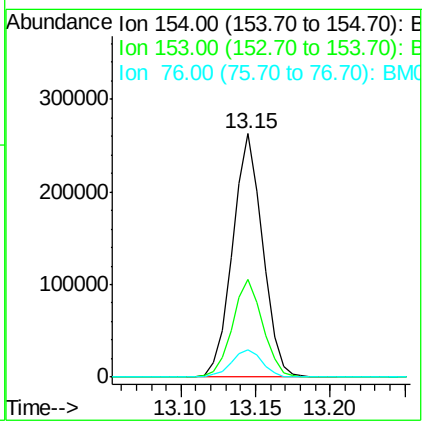


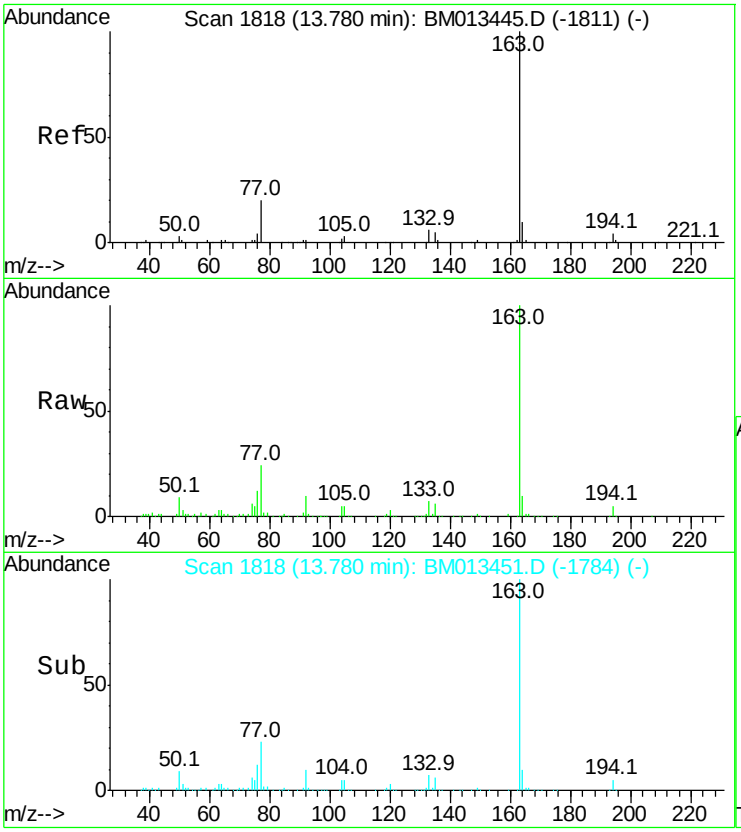


#40
1,1'-Biphenyl
Concen: 7.505 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Tgt Ion:154 Resp: 369437

Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.6	48.8
76	11.4	8.5	12.7



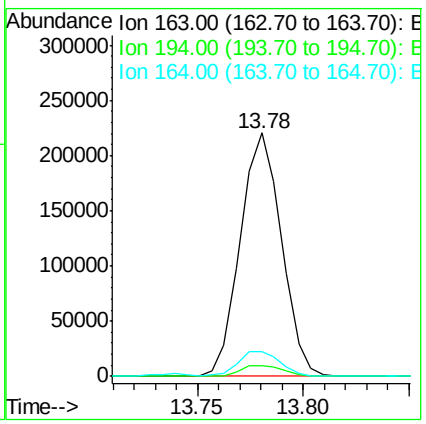


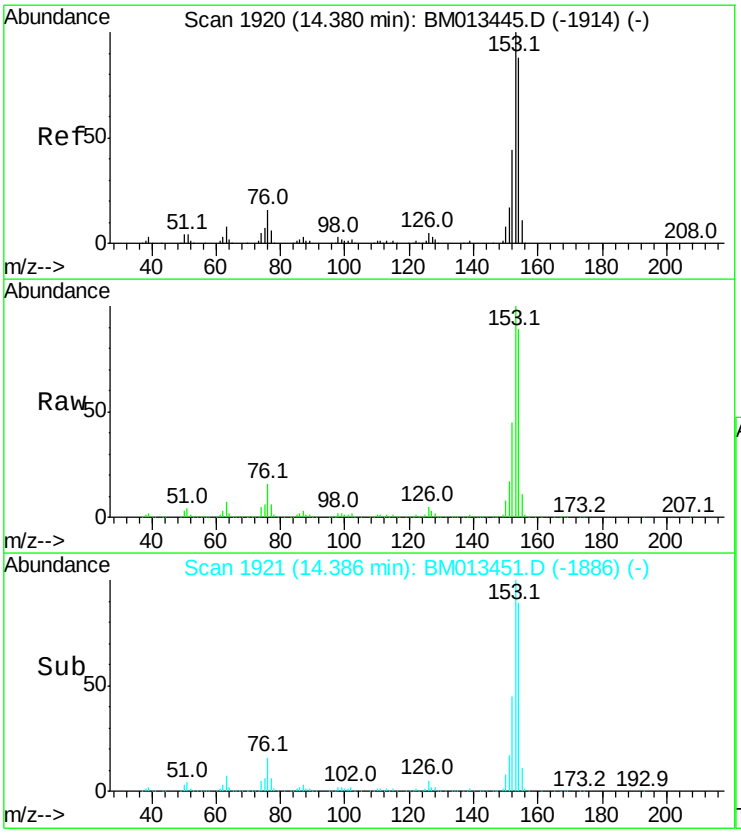
#44
Dimethylphthalate
Concen: 6.003 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Instrument :
BNA_M
ClientSampleId :
F9A12

Tgt Ion:163 Resp: 297574

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.2	8.2	12.4

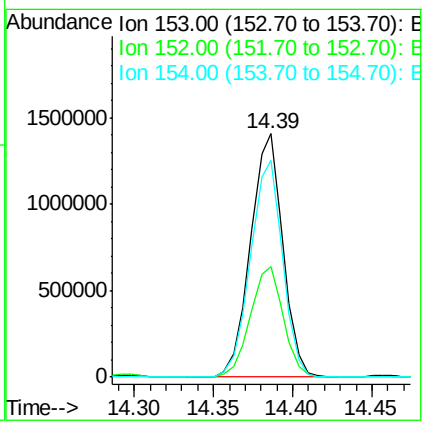


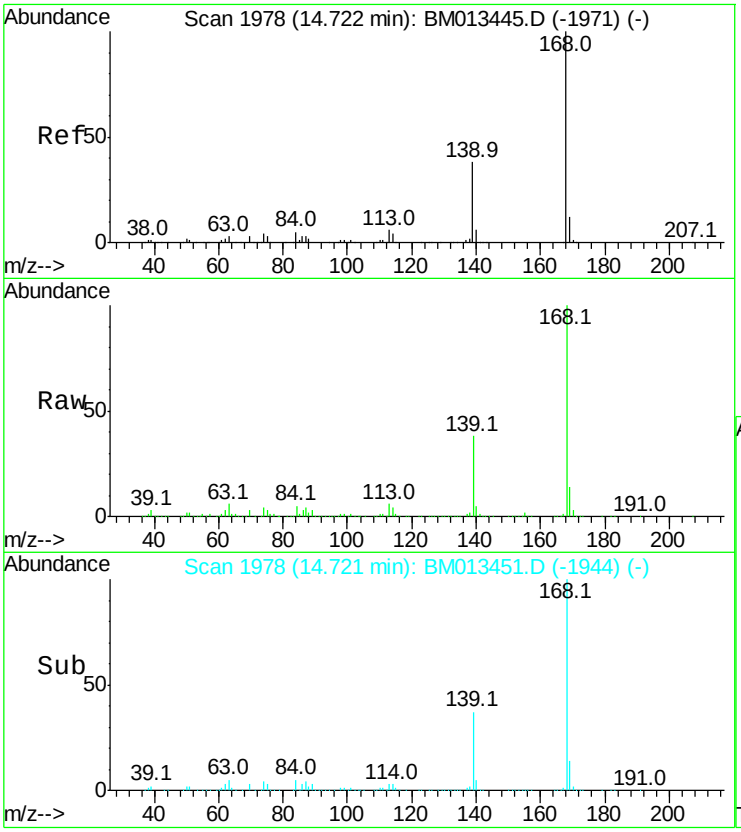


#49
Acenaphthene
Concen: 49.551 ng/ul
RT: 14.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Tgt Ion:153 Resp: 1997819

Ion	Ratio	Lower	Upper
153	100		
152	45.2	37.6	56.4
154	88.8	70.4	105.6



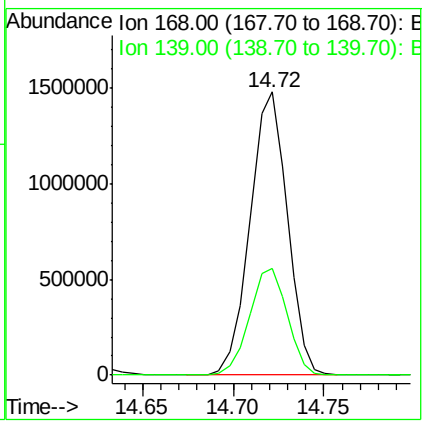


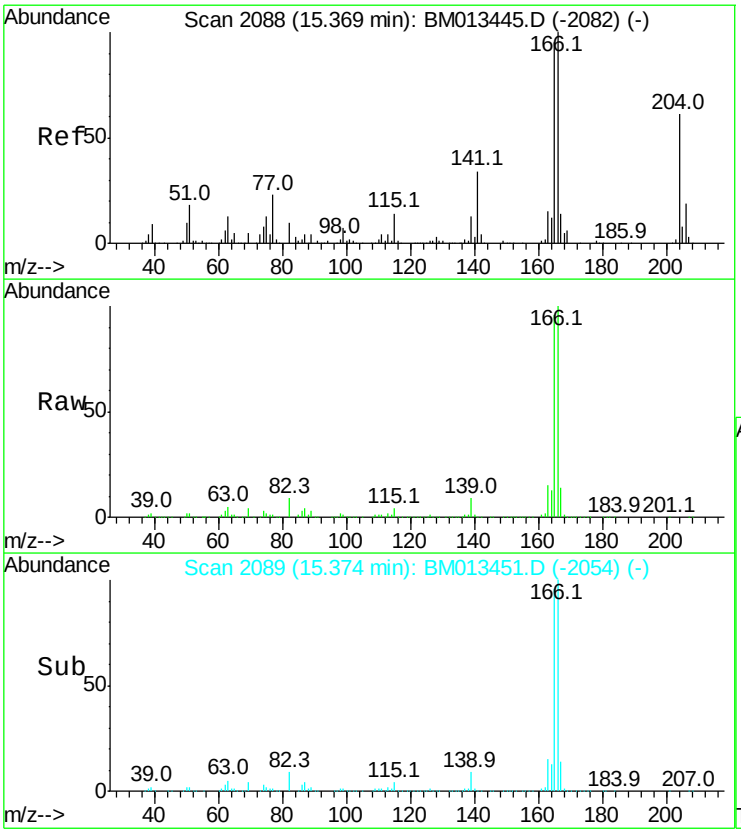
#53
Dibenzofuran
Concen: 35.487 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Instrument :
BNA_M
ClientSampleId :
F9A12

Tgt Ion:168 Resp: 2112243

Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.8	46.2

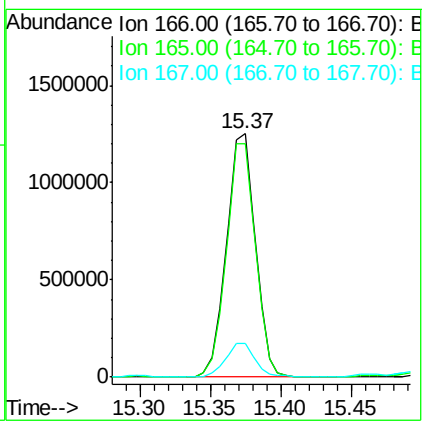


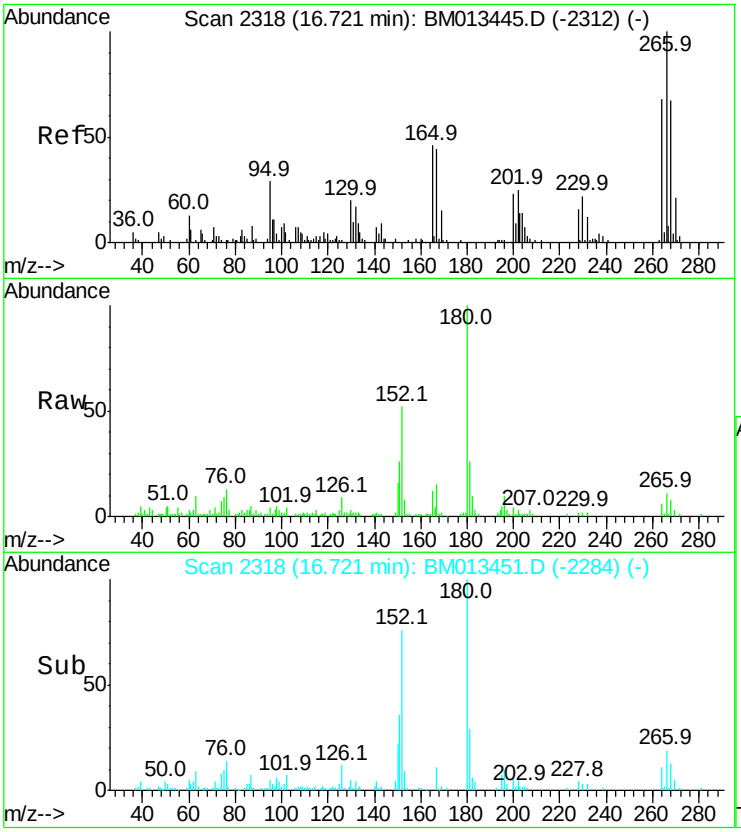


#58
Fluorene
Concen: 36.097 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Tgt Ion:166 Resp: 1777444

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.9	116.9
167	14.0	10.6	16.0



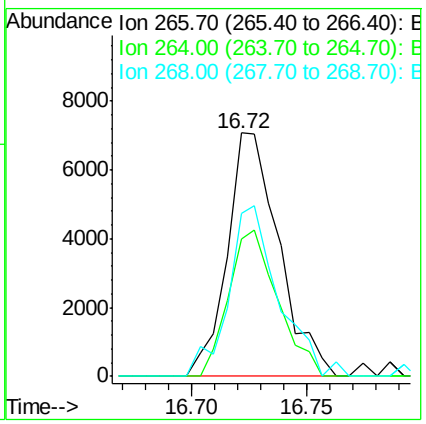


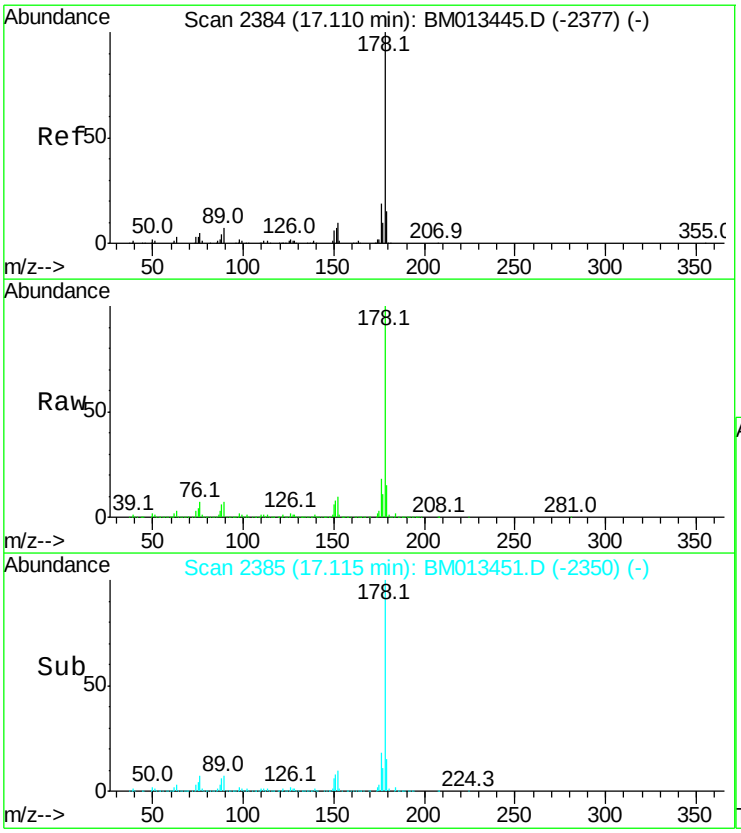
#68
Pentachlorophenol
Concen: 1.091 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Instrument :
BNA_M
ClientSampleId :
F9A12

Tgt Ion:266 Resp: 11094

Ion	Ratio	Lower	Upper
266	100		
264	56.3	49.3	73.9
268	66.7	52.6	78.8

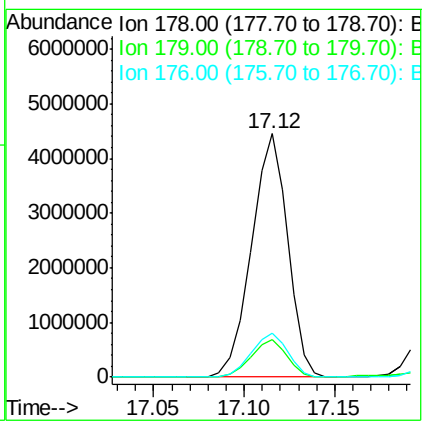


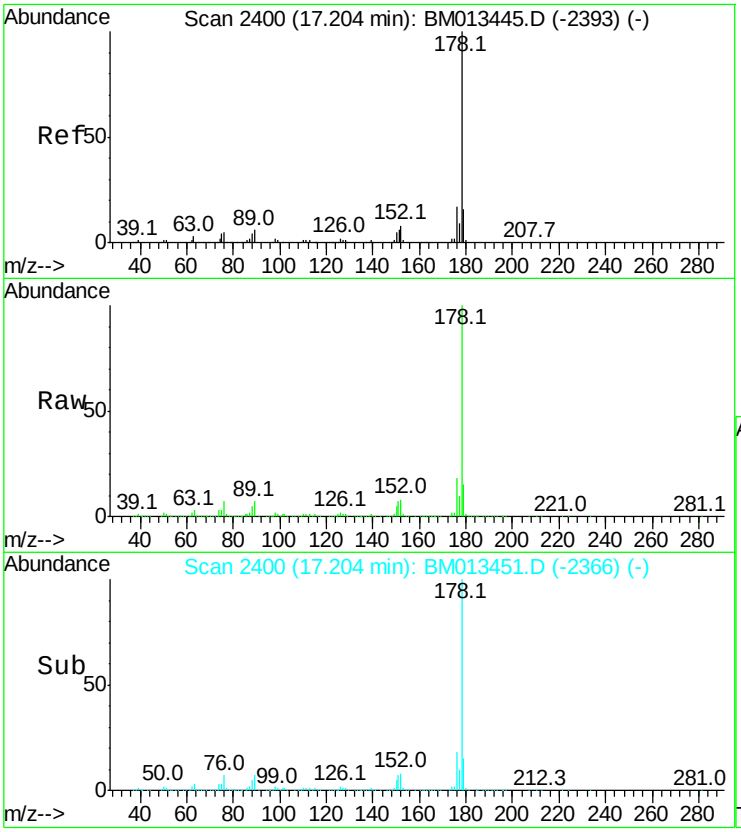


#69
Phenanthrene
Concen: 79.742 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.01 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Tgt Ion:178 Resp: 6141988

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	18.3	14.9	22.3



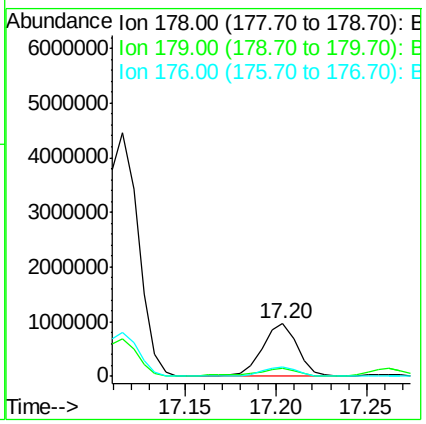


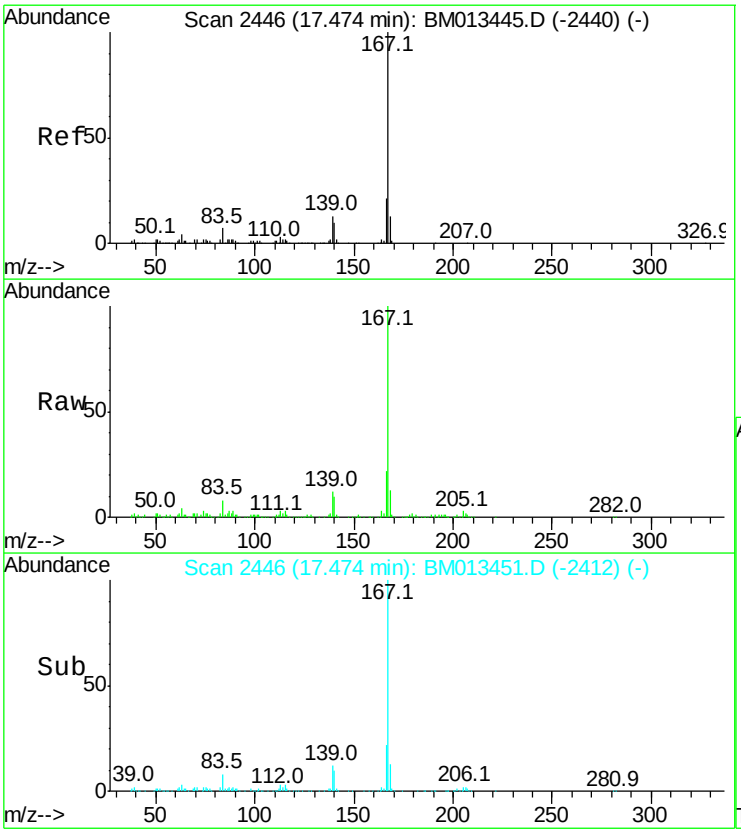
#71
Anthracene
Concen: 16.569 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Instrument :
BNA_M
ClientSampleId :
F9A12

Tgt Ion:178 Resp: 1304465

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	17.7	14.6	21.8

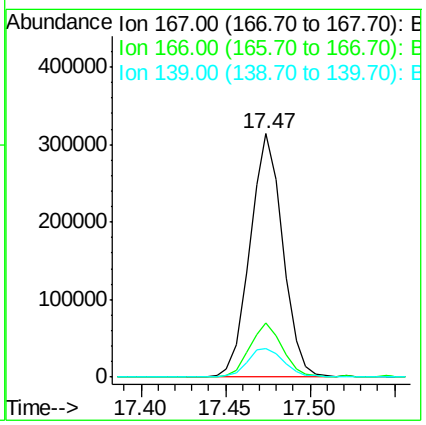


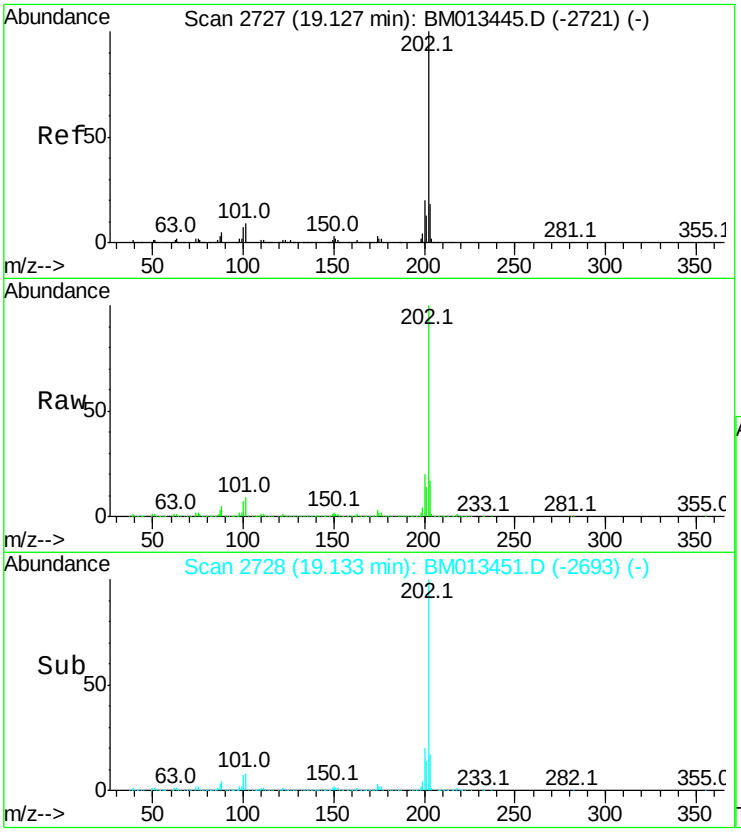


#72
Carbazole
Concen: 6.268 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Tgt Ion:167 Resp: 424460

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.1	25.7
139	11.9	10.0	15.0



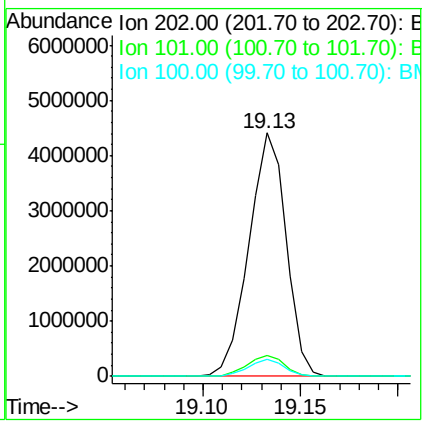


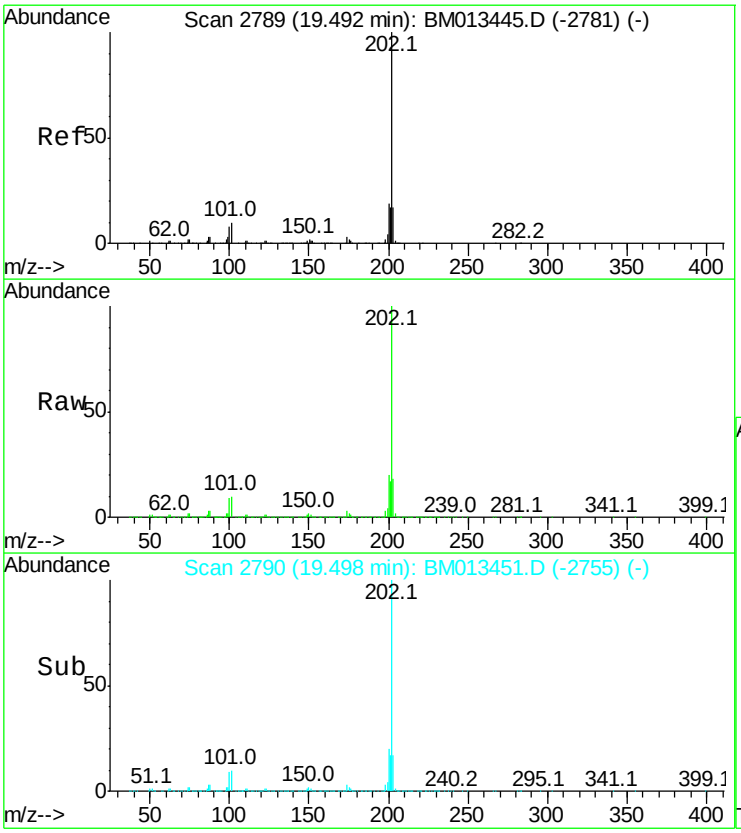
#74
Fluoranthene
Concen: 61.596 ng/ul
RT: 19.13 min Scan# 2728
Delta R.T. 0.01 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Instrument :
BNA_M
ClientSampleId :
F9A12

Tgt Ion:202 Resp: 5814045

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.8	3.4	5.2#

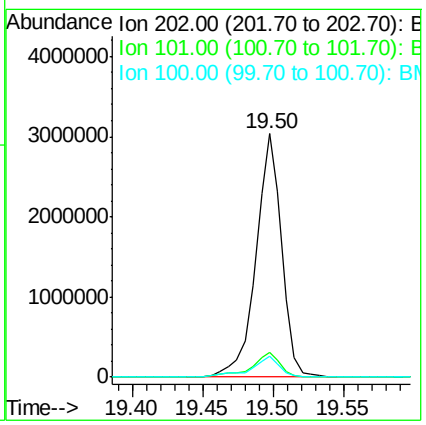


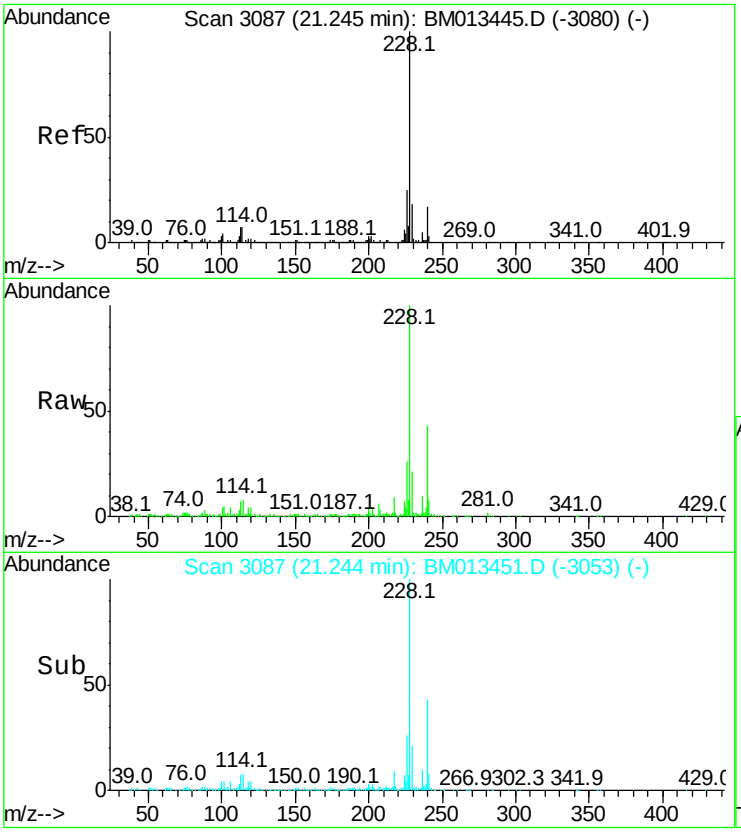


#77
Pyrene
Concen: 46.819 ng/ul
RT: 19.50 min Scan# 2790
Delta R.T. 0.01 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Tgt Ion:202 Resp: 3888208

Ion	Ratio	Lower	Upper
202	100		
101	10.4	5.1	7.7#
100	8.6	4.9	7.3#



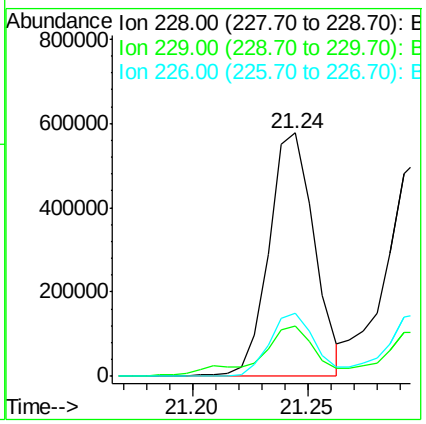


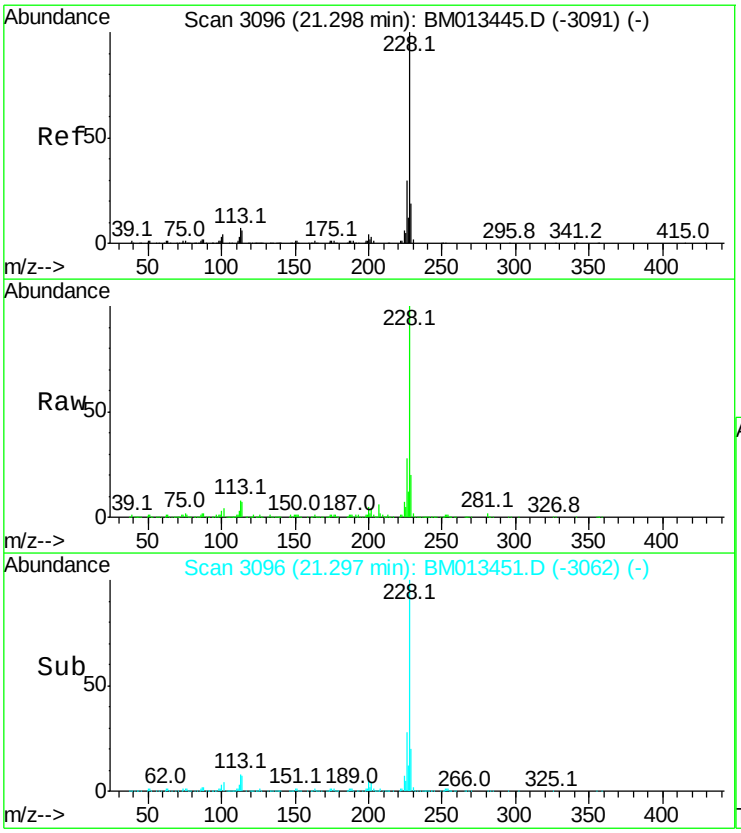
#80
Benzo(a)anthracene
Concen: 9.010 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Instrument :
BNA_M
ClientSampleId :
F9A12

Tgt Ion:228 Resp: 781482

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	26.0	21.4	32.0

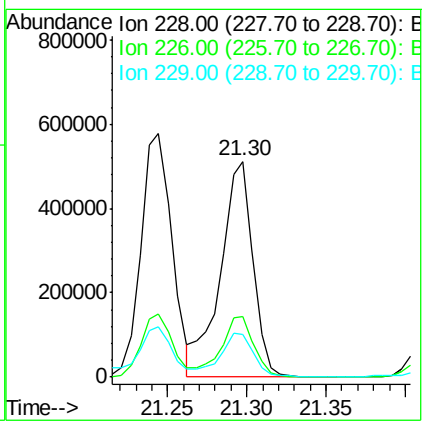


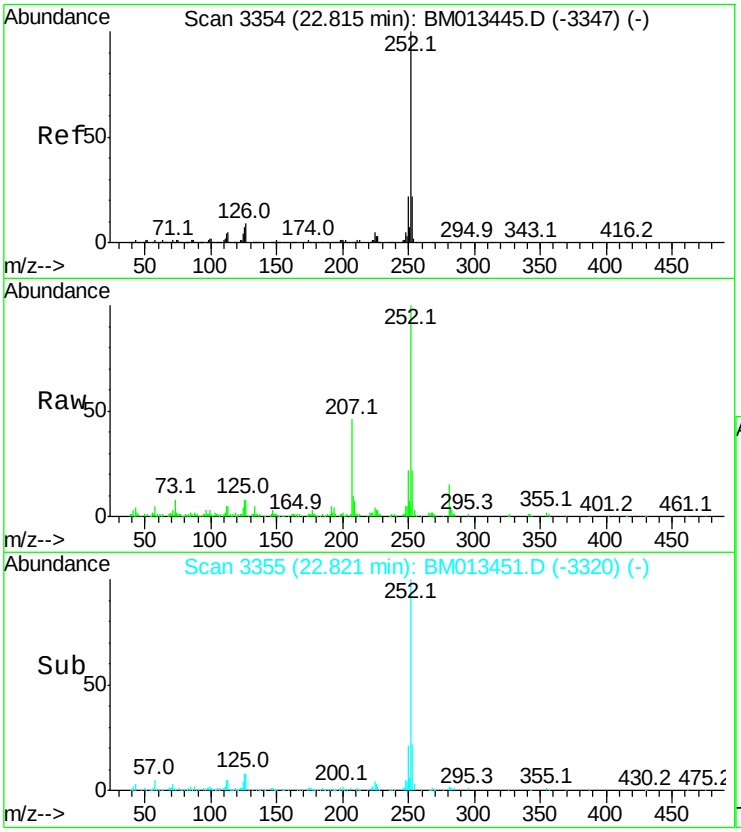


#82
Chrysene
Concen: 9.033 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Tgt Ion:228 Resp: 726866

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.4	35.2
229	19.9	15.5	23.3



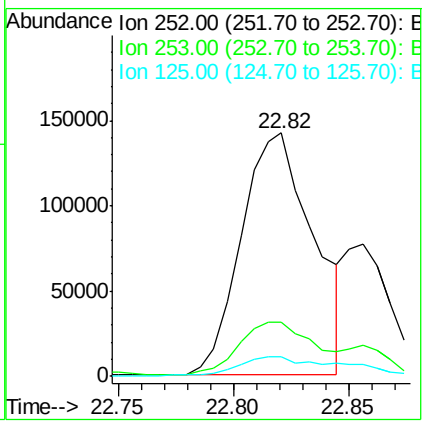


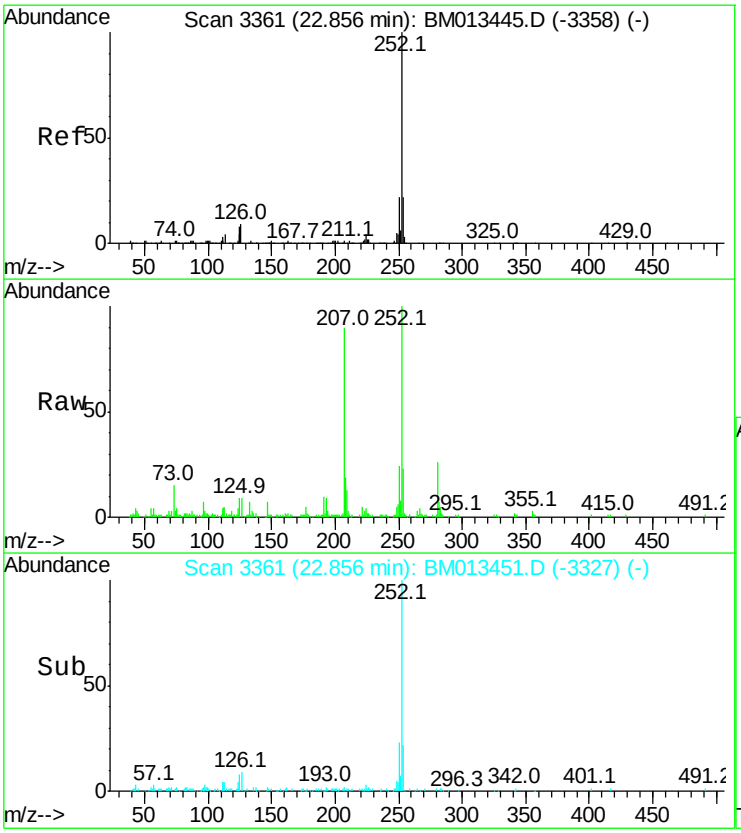
#85
Benzo(b)fluoranthene
Concen: 4.286 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Instrument :
BNA_M
ClientSampleId :
F9A12

Tgt Ion:252 Resp: 307885

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.0	3.6	5.4#

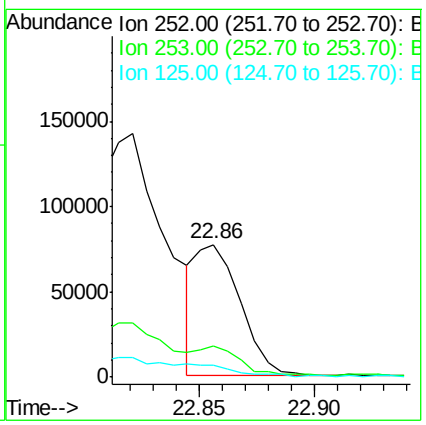


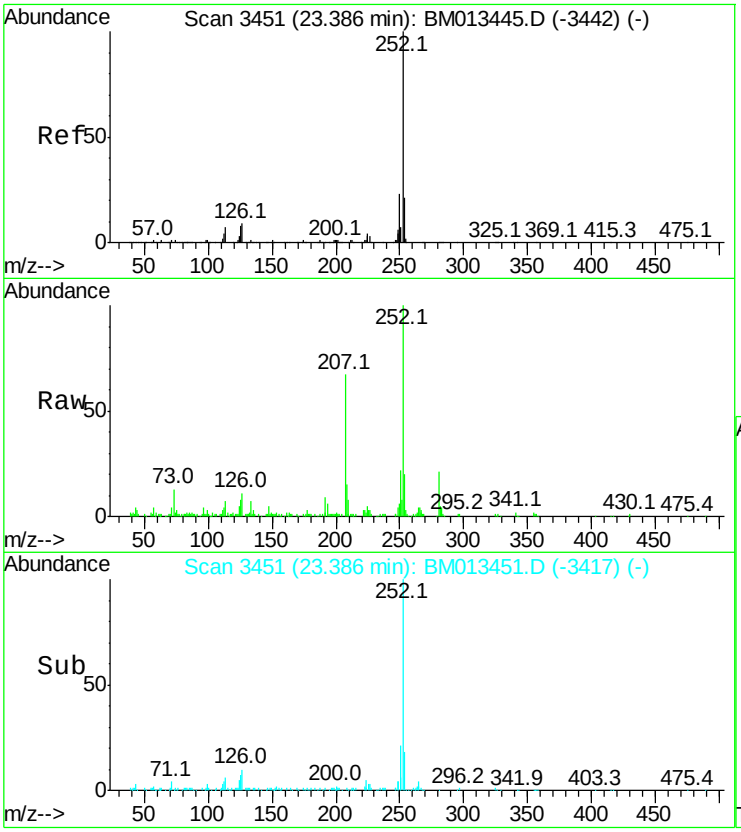


#86
Benzo(k)fluoranthene
Concen: 1.509 ng/ul
RT: 22.86 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Tgt Ion:252 Resp: 102022

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	8.8	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 2.556 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013451.D
Acq: 15 Dec 2017 22:44

Instrument :
BNA_M
ClientSampleId :
F9A12

Tgt Ion:252 Resp: 164923

Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.2	27.2
125	7.9	4.0	6.0#