Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013241.D
Acq On : 07 Dec 2017 13:53
Operator : SJ/JU
Sample : I6647-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0279

Quant Time: Dec 08 01:54:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 01:54:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	198163	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	766838	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	406857	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	798147	20.00	ng/ul	0.01
75) Chrysene-d12	21.29	240	841219	20.00	ng/ul	0.01
83) Perylene-d12	23.53	264	898431	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	16902	4.22	ng/uL	0.00
5) Phenol-d5	6.89	99	381339	22.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	220247	22.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	326773	24.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	308662	21.07	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	158597	26.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	173826	26.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	322909	24.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	320785	26.02	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	892824	24.66	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1154463	25.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	135466	21.54	ng/ul	0.00
57) Fluorene-d10	15.35	176	739810	23.76	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.47	200	90924	18.11	ng/ul	0.01
70) Anthracene-d10	17.19	188	1045539	26.16	ng/ul	0.00
76) Pyrene-d10	19.49	212	1090823	26.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	1163021	25.41	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.92	94	42353	2.499	ng/ul#	77
34) 2-Methylnaphthalene	12.15	142	60338	2.034	ng/ul	83
40) 1,1'-Biphenyl	13.17	154	34516	1.004	ng/ul#	92
44) Dimethylphthalate	13.80	163	209065	6.037	ng/ul#	98
49) Acenaphthene	14.41	153	226822	8.053	ng/ul	97
53) Dibenzofuran	14.75	168	83646	2.012	ng/ul#	85
58) Fluorene	15.40	166	316221	9.193	ng/ul#	99
69) Phenanthrene	17.14	178	2756073	60.781	ng/ul	99
71) Anthracene	17.23	178	276768	5.971	ng/ul	95
72) Carbazole	17.50	167	199744	5.010	ng/ul#	97
74) Fluoranthene	19.16	202	3180370	57.234	ng/ul#	94
77) Pyrene	19.53	202	2951146	57.745	ng/ul#	95
80) Benzo(a)anthracene	21.27	228	1095854	20.532	ng/ul	97
82) Chrysene	21.32	228	1481976	29.929	ng/ul	97
85) Benzo(b)fluoranthene	22.86	252	1870679	30.887	ng/ul#	95
86) Benzo(k)fluoranthene	22.86	252	1870679	32.822	ng/ul#	94
88) Benzo(a)pyrene	23.43	252	1097253	20.168	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.78	276	872371	16.160	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.78	278	129296	2.813	ng/ul#	72
91) Benzo(g,h,i)perylene	26.48	276	870718	20.449	ng/ul#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013241.D
Acq On : 07 Dec 2017 13:53
Operator : SJ/JU
Sample : I6647-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
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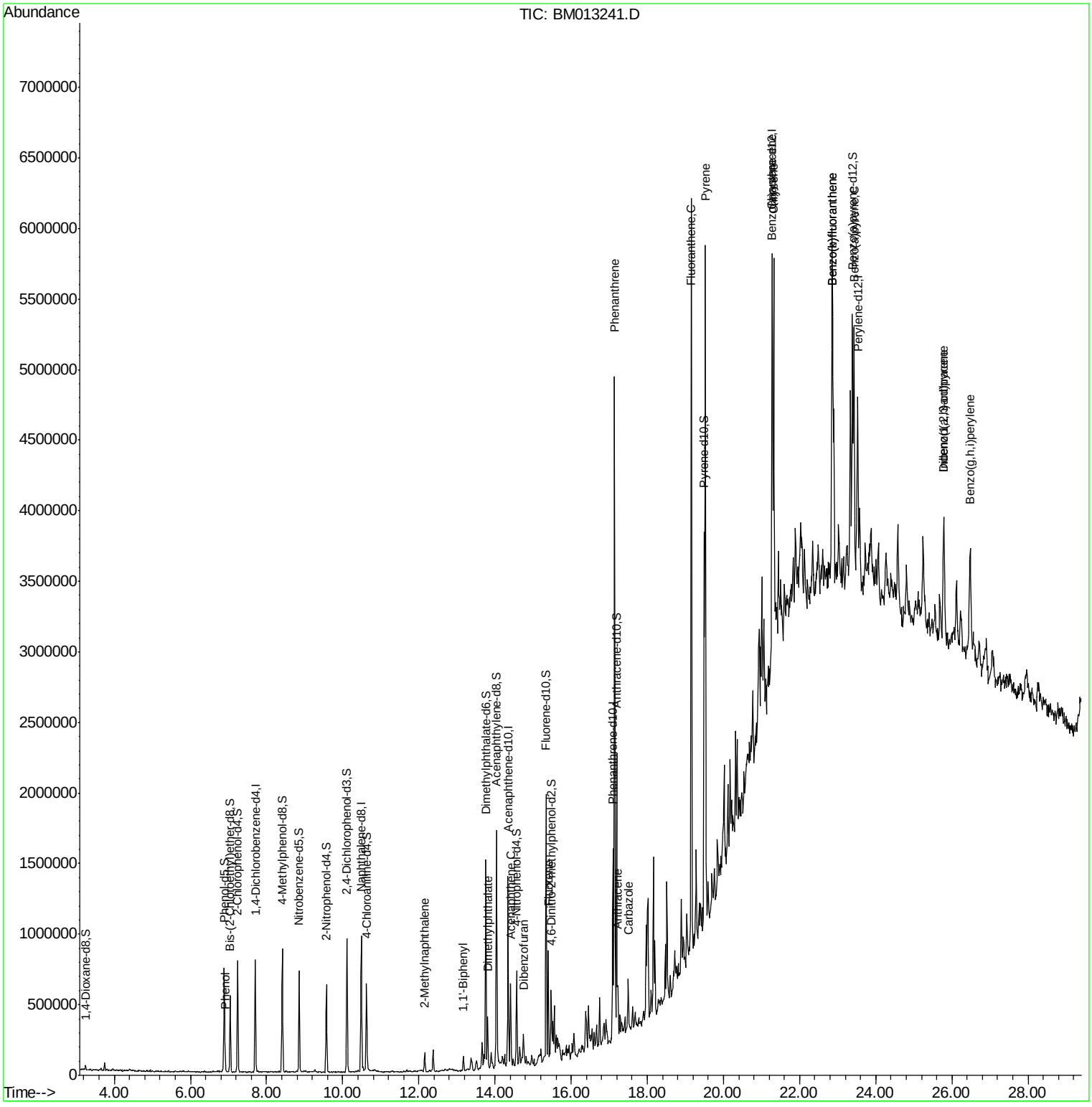
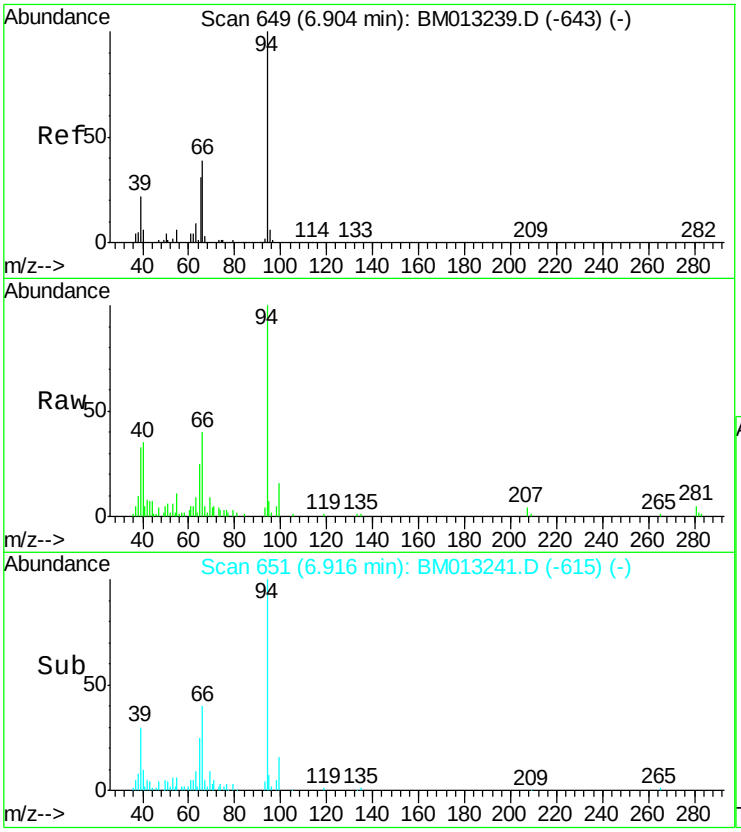
Quant Time: Dec 08 01:54:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 01:54:15 2017
Response via : Initial Calibration



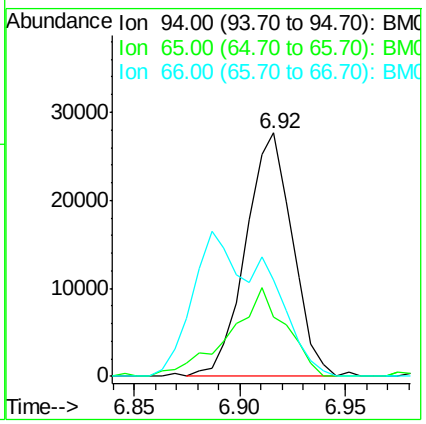


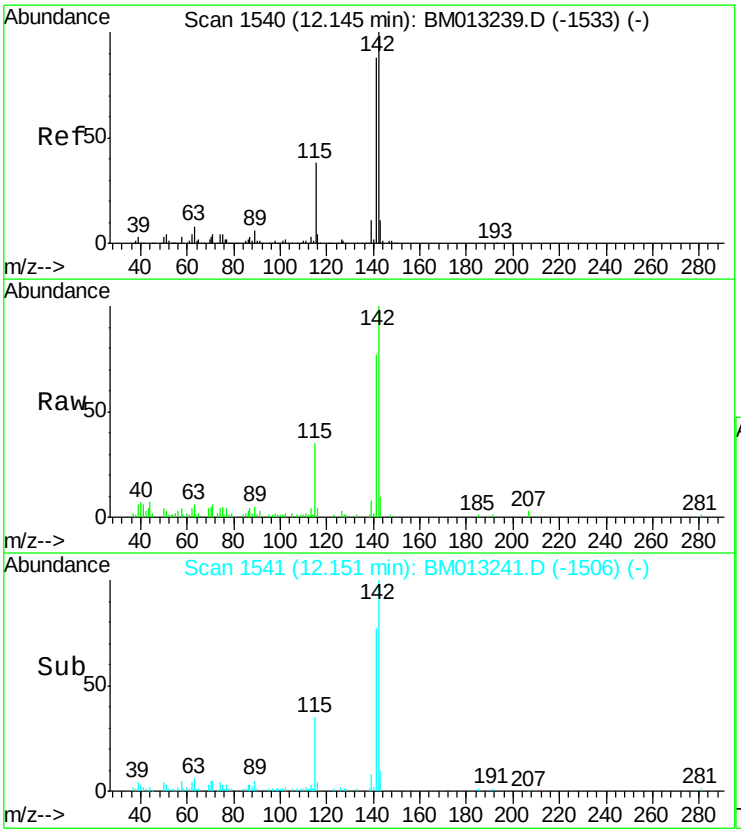
#6
Phenol
Concen: 2.499 ng/ul
RT: 6.92 min Scan# 651
Delta R.T. 0.01 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Instrument :
BNA_M
ClientSampleId :
C0279

Tgt Ion: 94 Resp: 42353

Ion	Ratio	Lower	Upper
94	100		
65	24.6	28.2	42.4#
66	39.6	47.2	70.8#

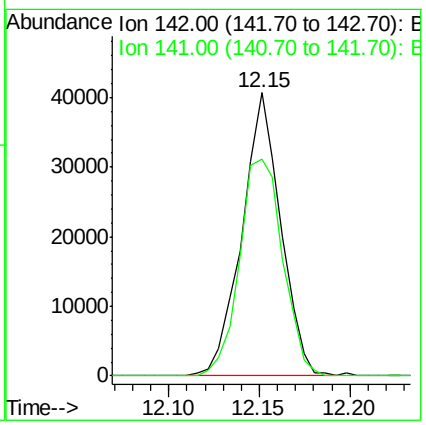


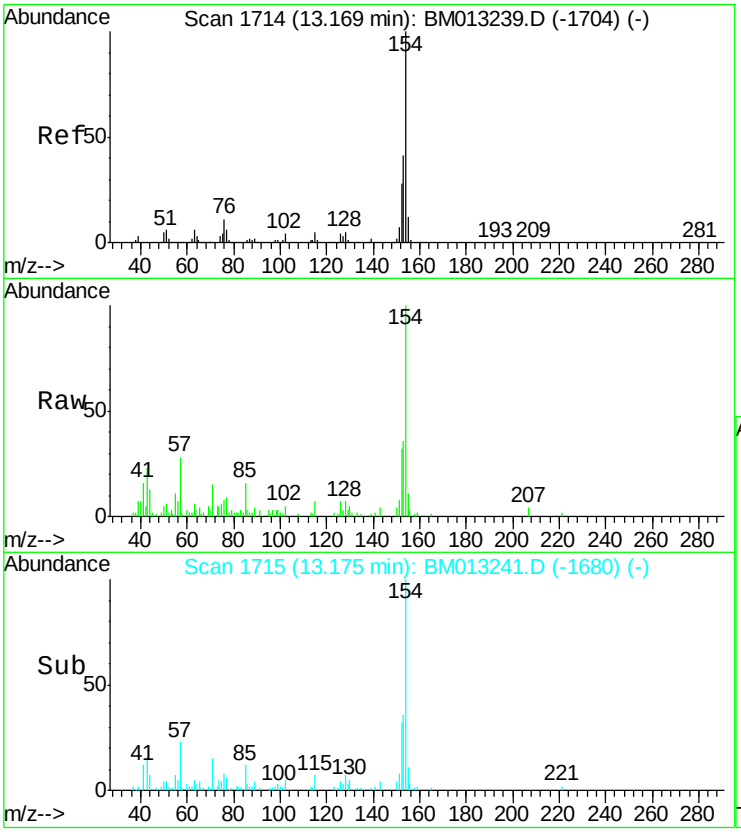


#34
2-Methylnaphthalene
Concen: 2.034 ng/ul
RT: 12.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Tgt Ion:142 Resp: 60338

Ion	Ratio	Lower	Upper
142	100		
141	76.6	74.1	111.1



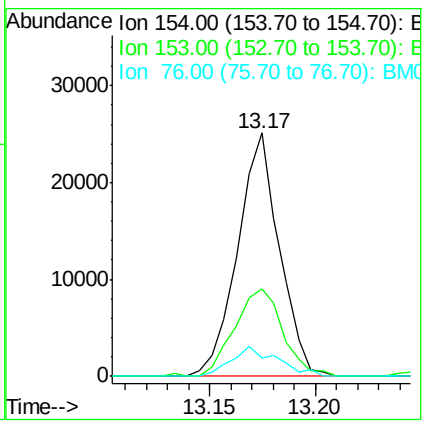


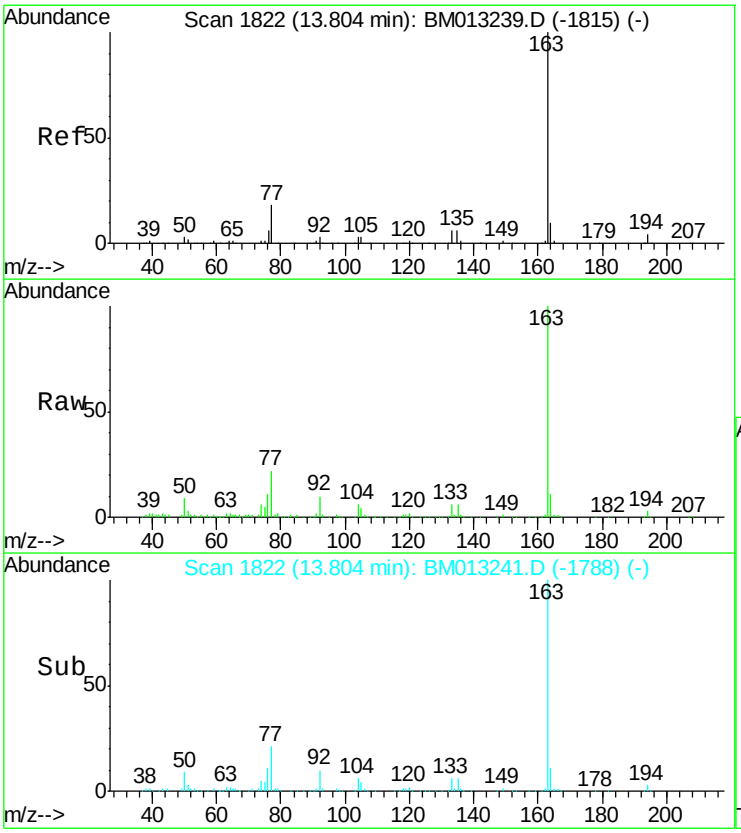
#40
1,1'-Biphenyl
Concen: 1.004 ng/ul
RT: 13.17 min Scan# 1715
Delta R.T. 0.01 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Instrument :
BNA_M
ClientSampleId :
C0279

Tgt Ion:154 Resp: 34516

Ion	Ratio	Lower	Upper
154	100		
153	35.8	32.6	48.8
76	7.6	8.5	12.7#

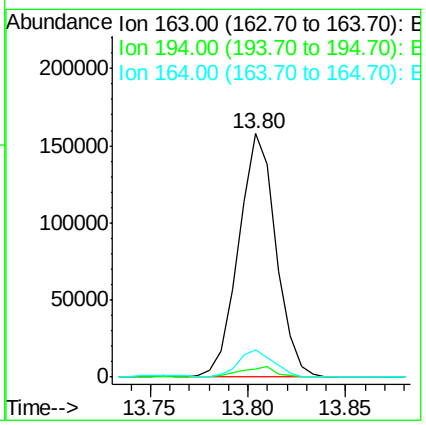


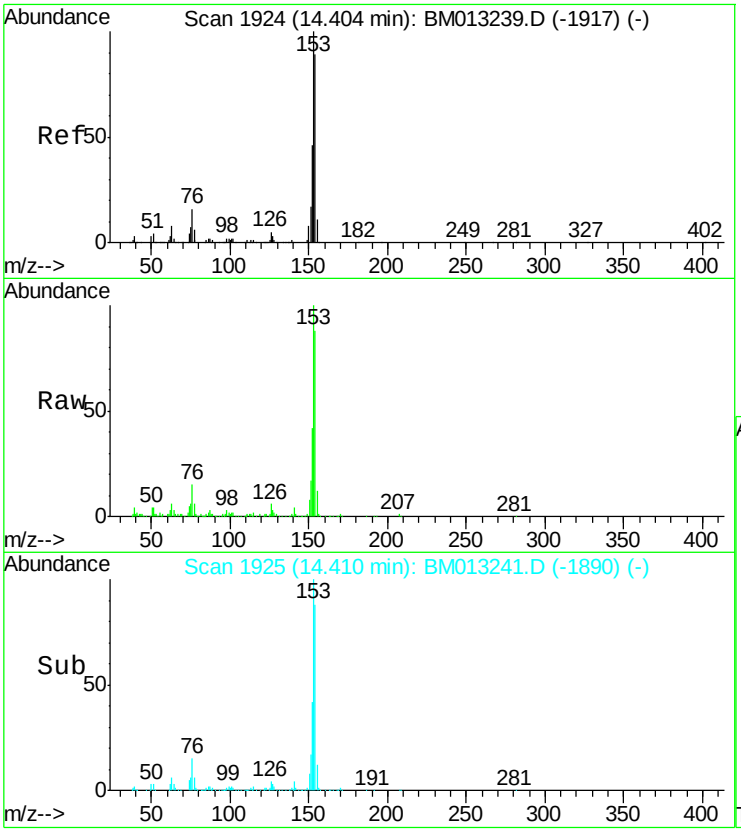


#44
Dimethylphthalate
Concen: 6.037 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Tgt Ion:163 Resp: 209065

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.5	5.3#
164	11.0	8.2	12.4



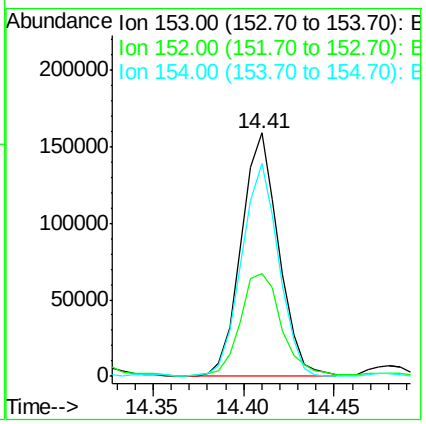


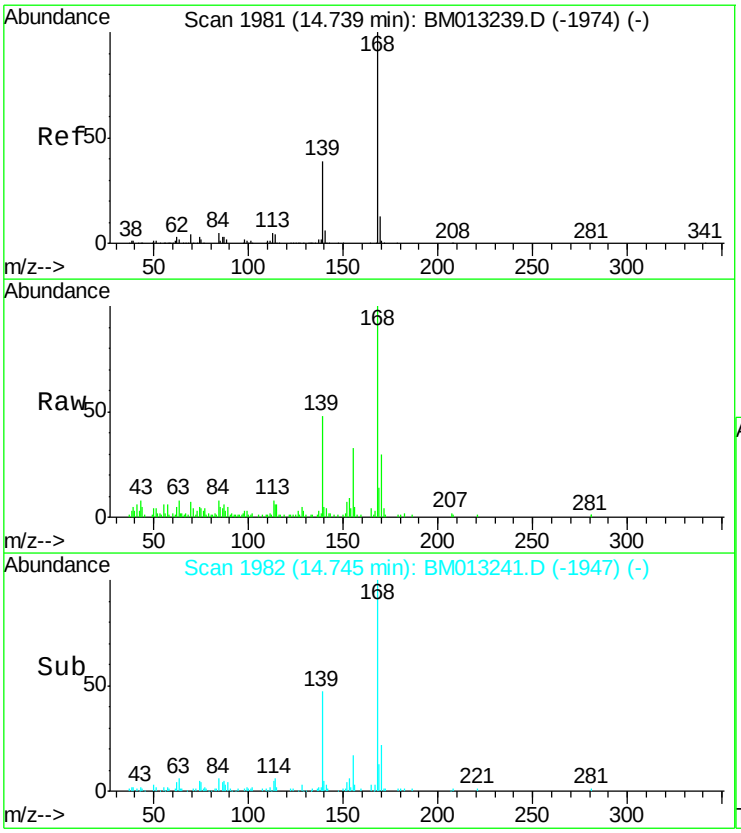
#49
Acenaphthene
Concen: 8.053 ng/ul
RT: 14.41 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Instrument :
BNA_M
ClientSampleId :
C0279

Tgt Ion:153 Resp: 226822

Ion	Ratio	Lower	Upper
153	100		
152	42.2	37.6	56.4
154	87.6	70.4	105.6

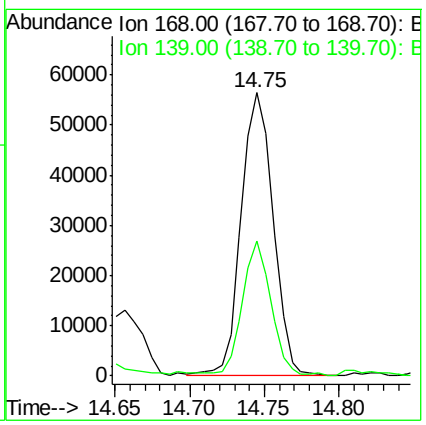


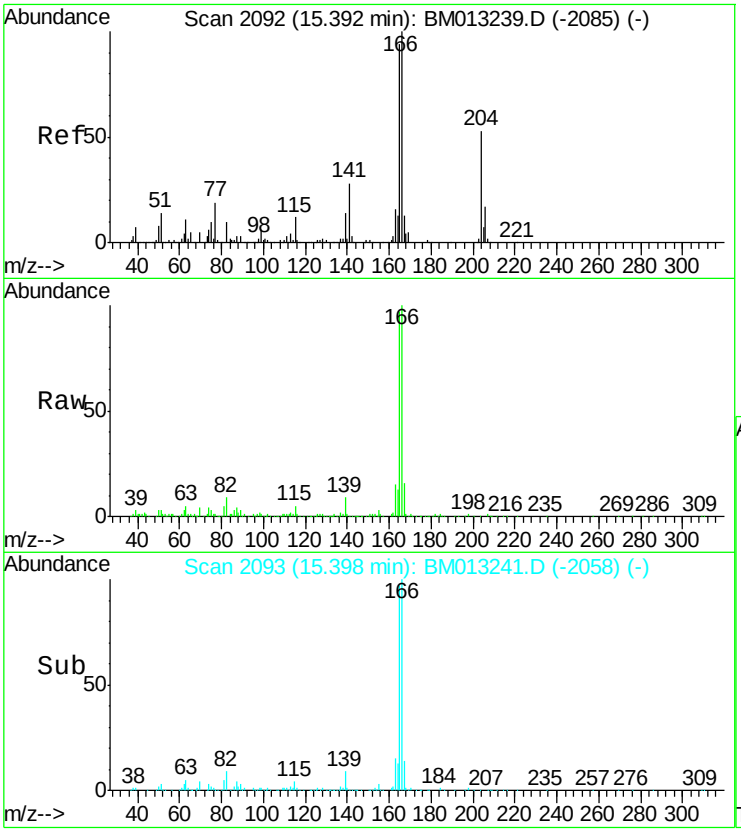


#53
Dibenzofuran
Concen: 2.012 ng/ul
RT: 14.75 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Tgt Ion:168 Resp: 83646

Ion	Ratio	Lower	Upper
168	100		
139	47.7	30.8	46.2#



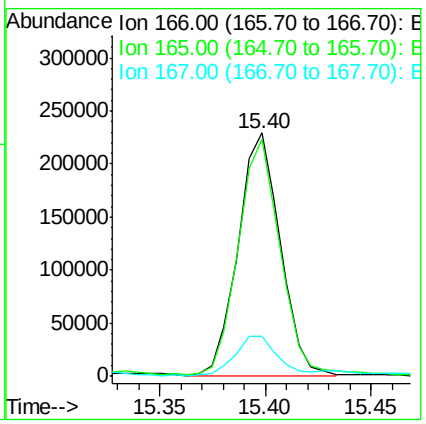


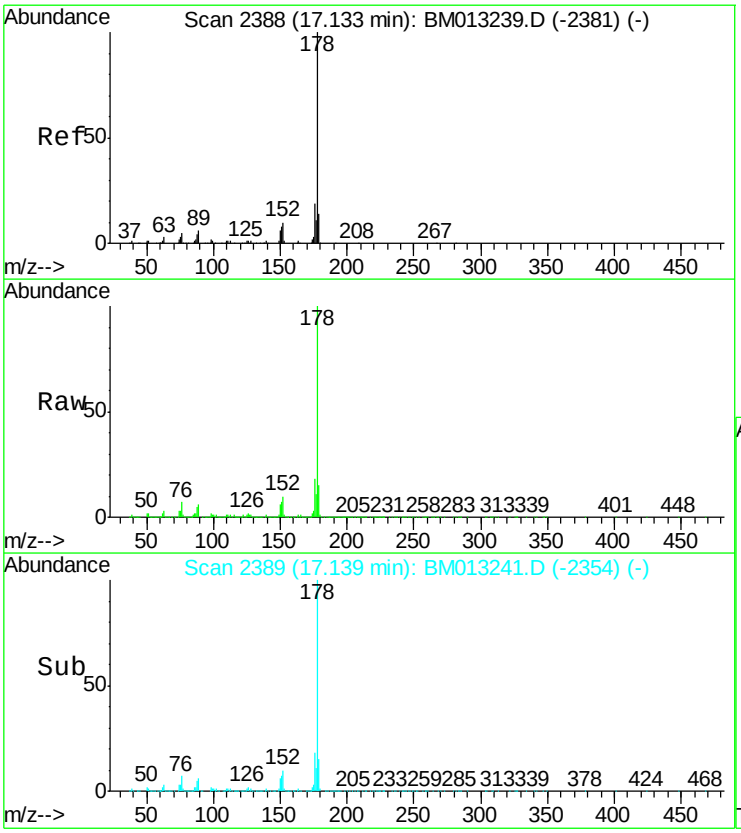
#58
Fluorene
Concen: 9.193 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Instrument :
BNA_M
ClientSampleId :
C0279

Tgt Ion:166 Resp: 316221

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.9	116.9
167	16.3	10.6	16.0#

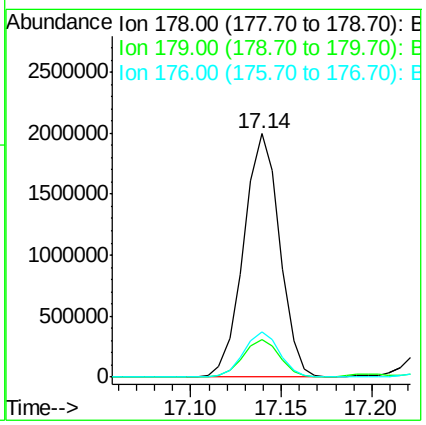


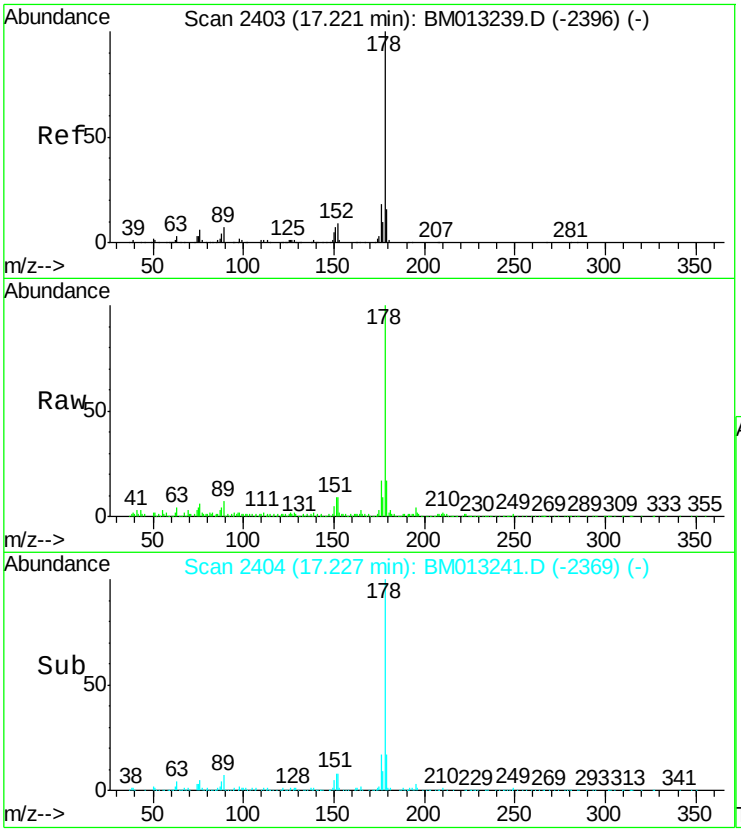


#69
Phenanthrene
Concen: 60.781 ng/ul
RT: 17.14 min Scan# 2389
Delta R.T. 0.01 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Tgt Ion:178 Resp: 2756073

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	18.4	14.9	22.3



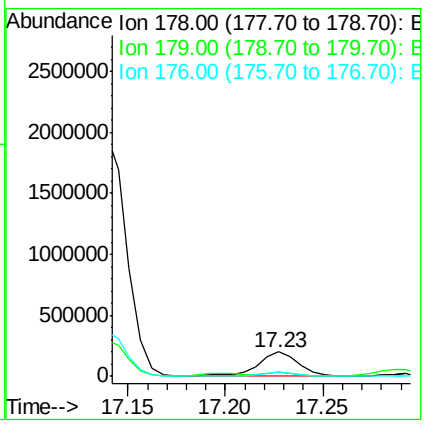


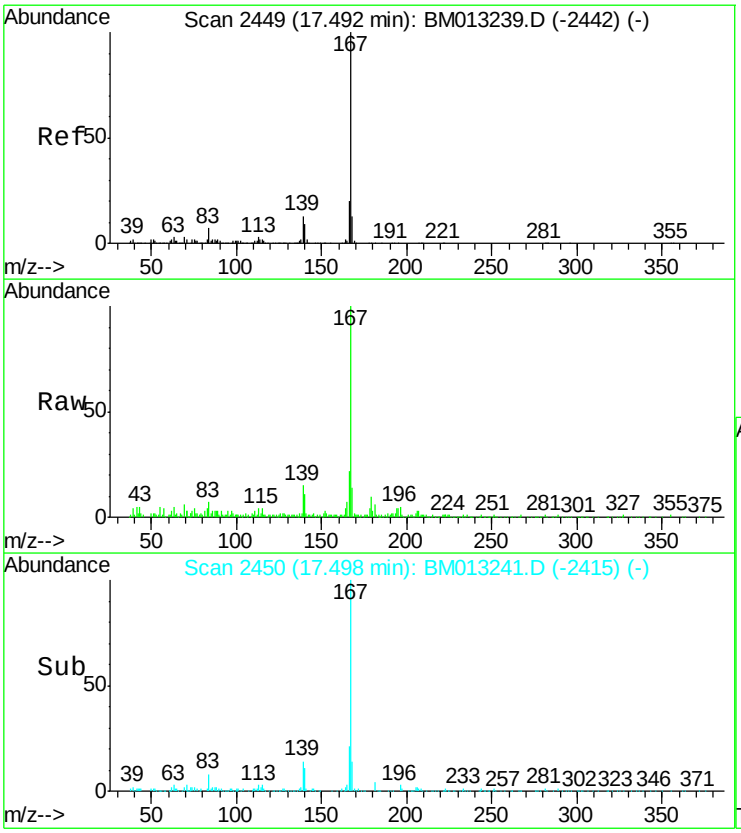
#71
Anthracene
Concen: 5.971 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. 0.01 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Instrument :
BNA_M
ClientSampleId :
C0279

Tgt Ion:178 Resp: 276768

Ion	Ratio	Lower	Upper
178	100		
179	17.4	11.7	17.5
176	16.7	14.6	21.8

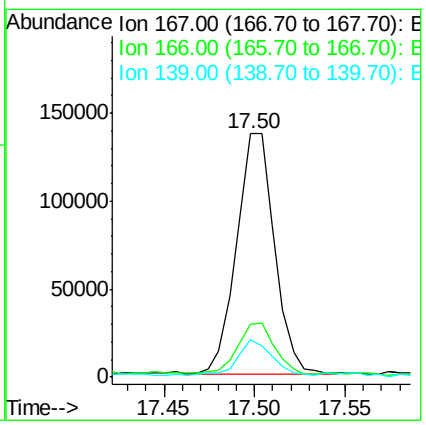


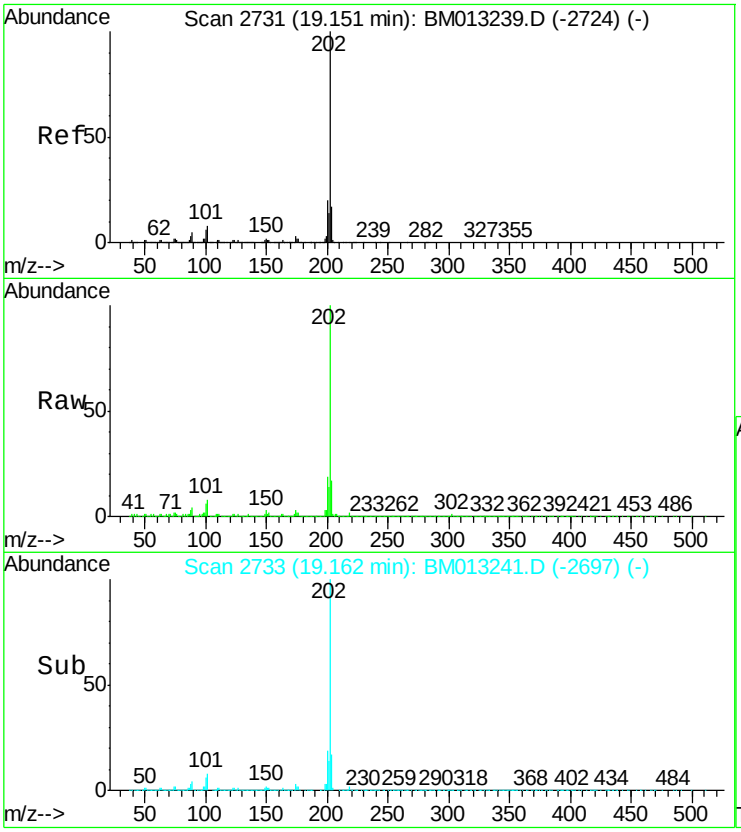


#72
Carbazole
Concen: 5.010 ng/ul
RT: 17.50 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Tgt Ion:167 Resp: 199744

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	15.2	10.0	15.0#



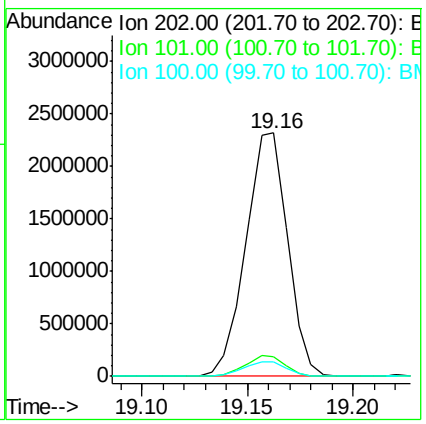


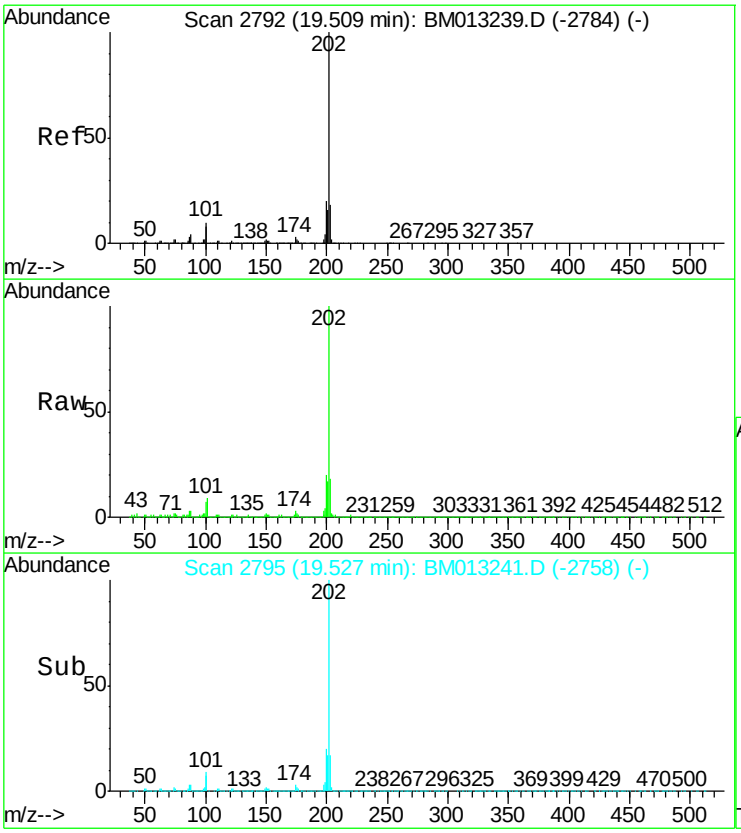
#74
Fluoranthene
Concen: 57.234 ng/ul
RT: 19.16 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Instrument :
BNA_M
ClientSampleId :
C0279

Tgt Ion:202 Resp: 3180370

Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.1	3.4	5.2#

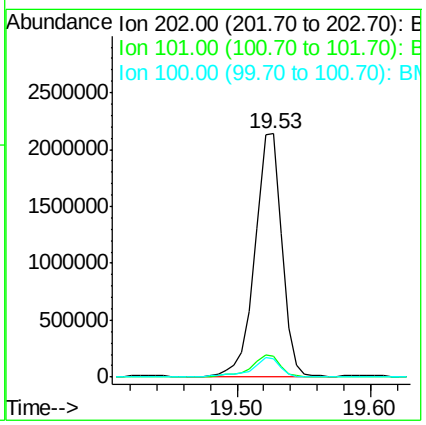


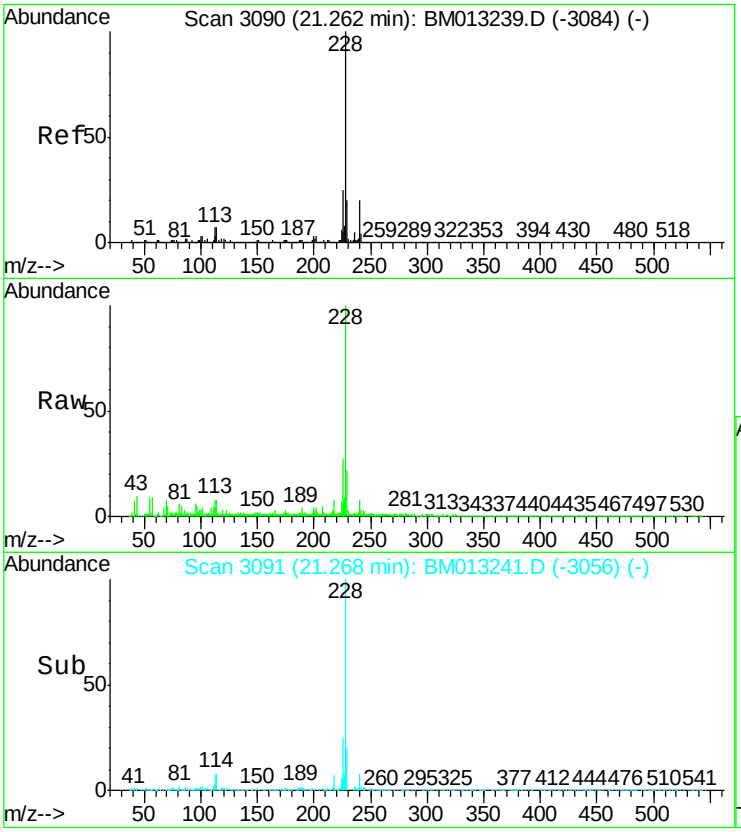


#77
Pyrene
Concen: 57.745 ng/ul
RT: 19.53 min Scan# 2795
Delta R.T. 0.02 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Tgt Ion:202 Resp: 2951146

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	7.4	4.9	7.3#



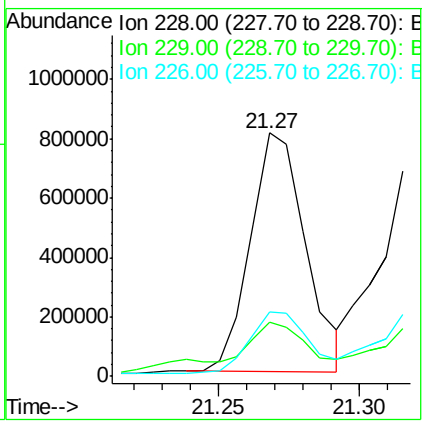


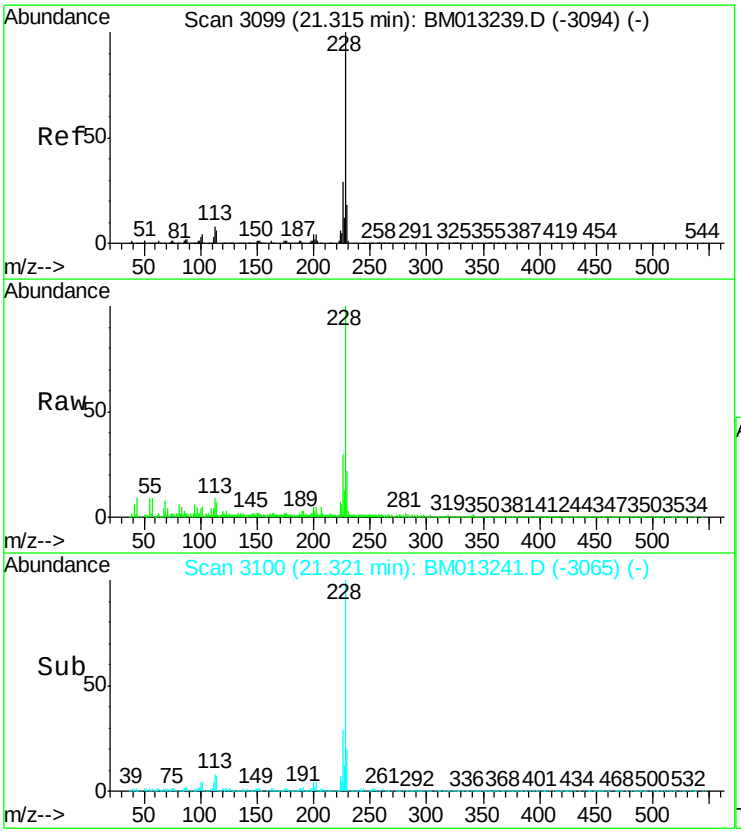
#80
Benzo(a)anthracene
Concen: 20.532 ng/ul
RT: 21.27 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Instrument :
BNA_M
ClientSampleId :
C0279

Tgt Ion:228 Resp: 1095854

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.4	23.0
226	26.6	21.4	32.0

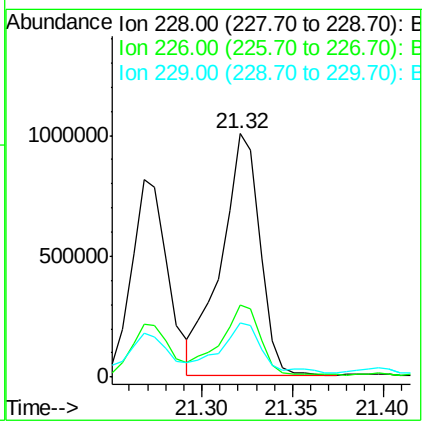


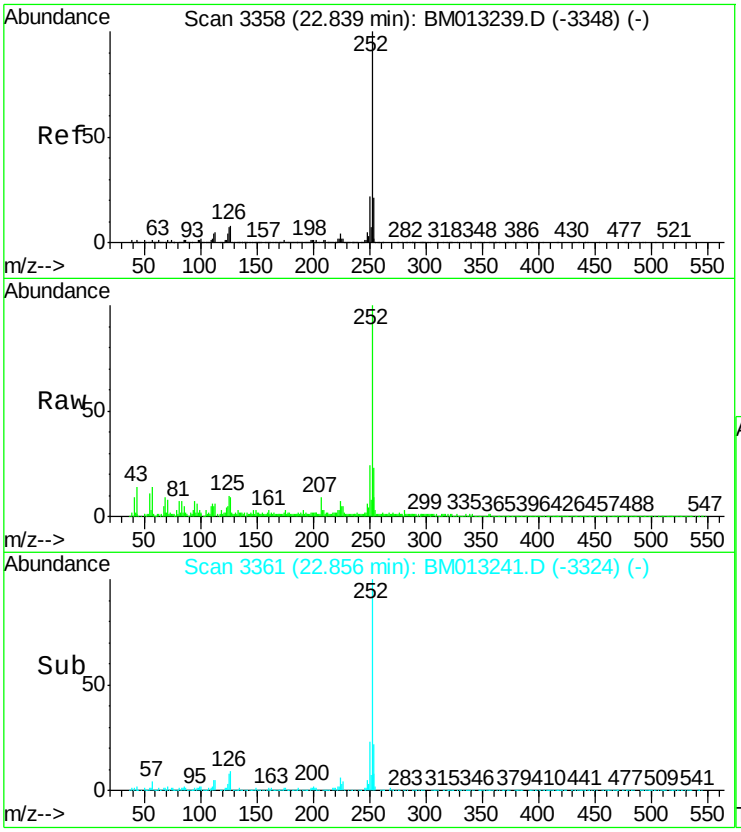


#82
Chrysene
Concen: 29.929 ng/ul
RT: 21.32 min Scan# 3100
Delta R.T. 0.01 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Tgt Ion:228 Resp: 1481976

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	22.0	15.5	23.3



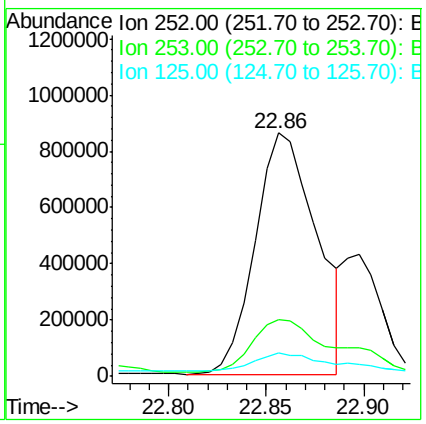


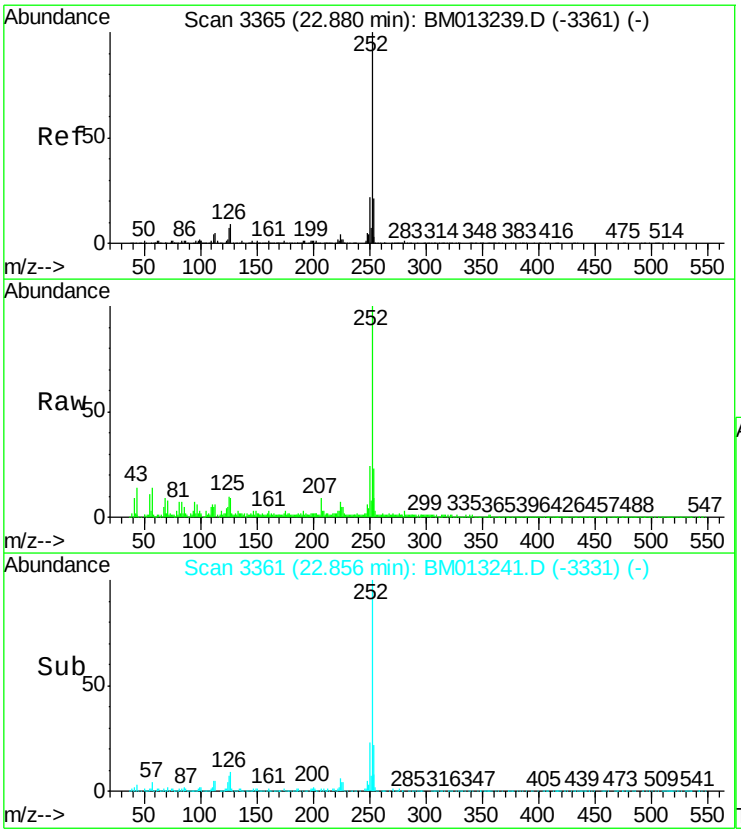
#85
Benzo(b)fluoranthene
Concen: 30.887 ng/ul
RT: 22.86 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Instrument :
BNA_M
ClientSampleId :
C0279

Tgt Ion:252 Resp: 1870679

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	9.7	3.6	5.4#

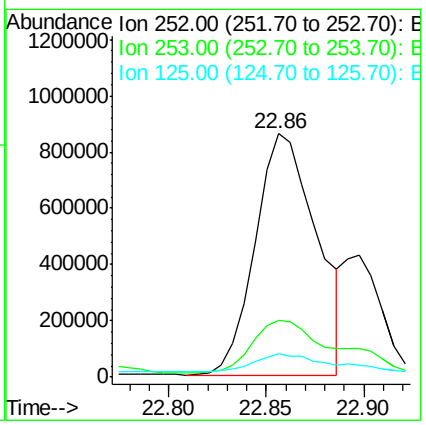


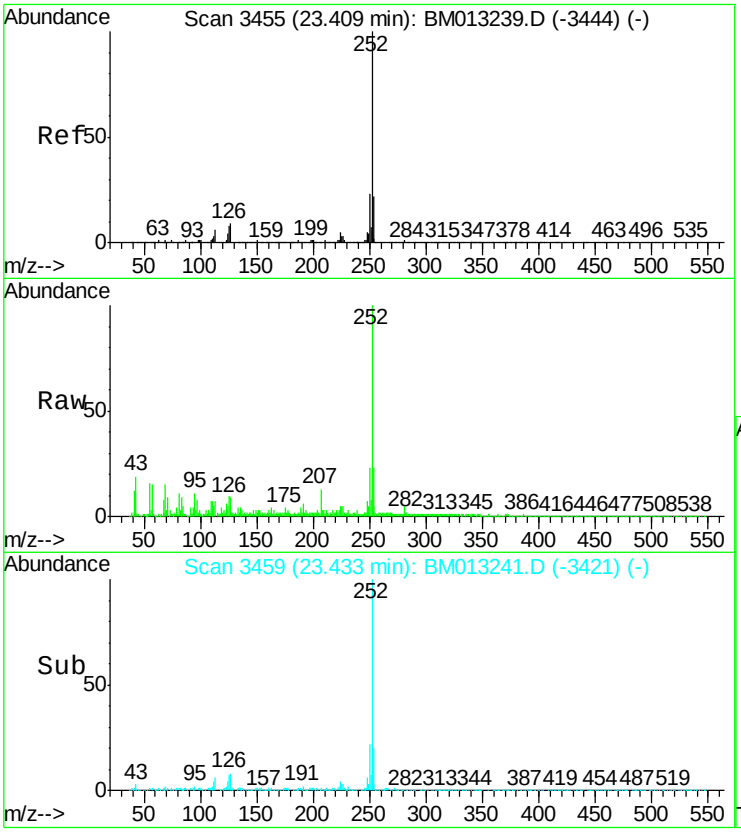


#86
Benzo(k)fluoranthene
Concen: 32.822 ng/ul
RT: 22.86 min Scan# 3361
Delta R.T. -0.02 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Tgt Ion:252 Resp: 1870679

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	9.7	3.4	5.2#



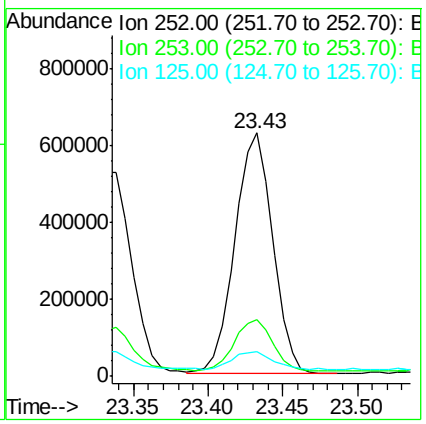


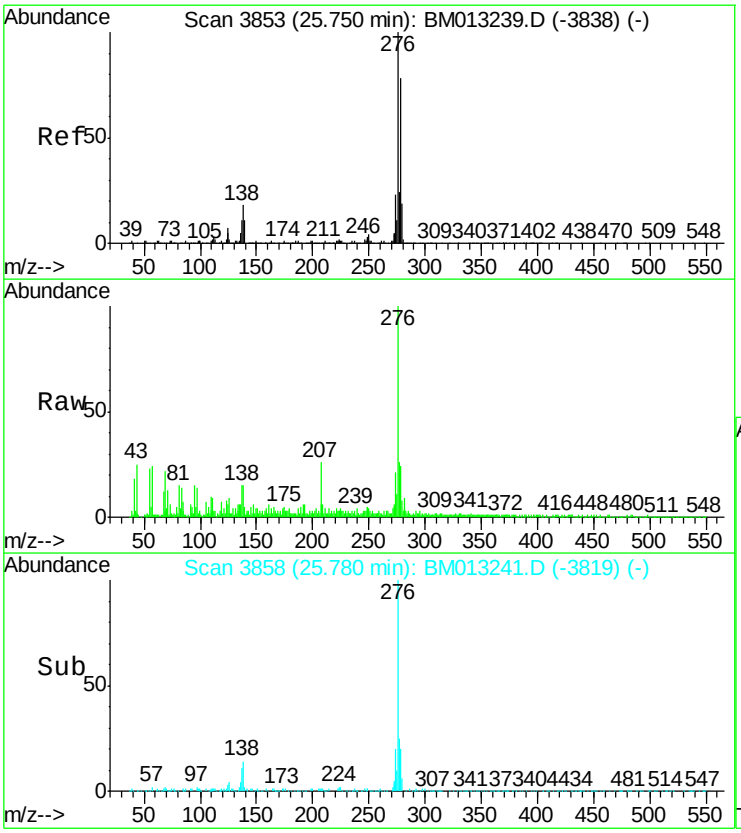
#88
Benzo(a)pyrene
Concen: 20.168 ng/ul
RT: 23.43 min Scan# 3459
Delta R.T. 0.02 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Instrument :
BNA_M
ClientSampleId :
C0279

Tgt Ion:252 Resp: 1097253

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	10.0	4.0	6.0#

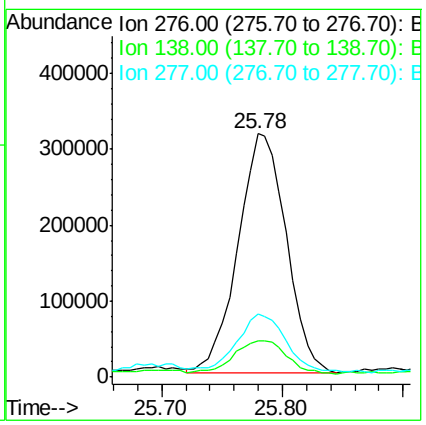


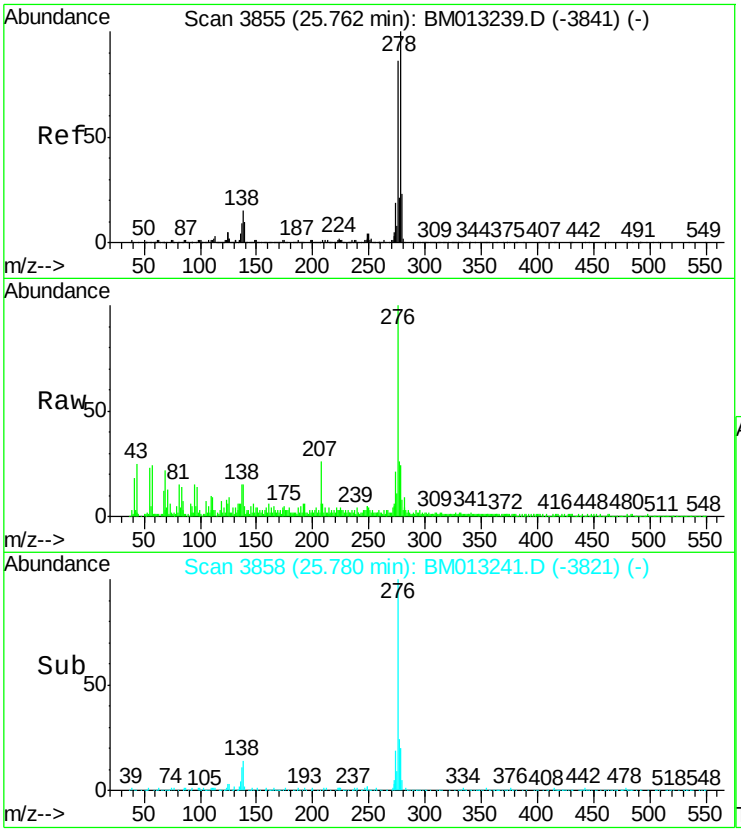


#89
Indeno(1,2,3-cd)pyrene
Concen: 16.160 ng/ul
RT: 25.78 min Scan# 3858
Delta R.T. 0.03 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Tgt Ion:276 Resp: 872371

Ion	Ratio	Lower	Upper
276	100		
138	14.8	9.3	13.9#
277	25.8	19.9	29.9



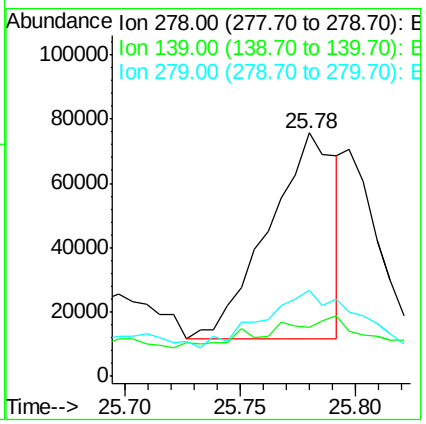


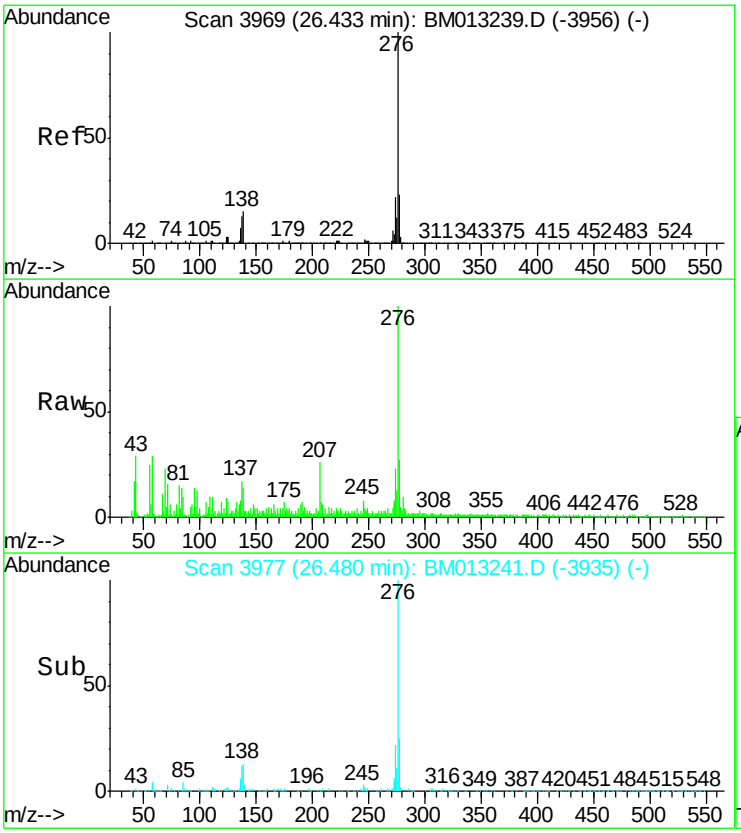
#90
Dibenzo(a,h)anthracene
Concen: 2.813 ng/ul
RT: 25.78 min Scan# 3858
Delta R.T. 0.02 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Instrument :
BNA_M
ClientSampleId :
C0279

Tgt Ion:278 Resp: 129296

Ion	Ratio	Lower	Upper
278	100		
139	20.4	5.8	8.8#
279	35.5	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 20.449 ng/ul
RT: 26.48 min Scan# 3977
Delta R.T. 0.05 min
Lab File: BM013241.D
Acq: 07 Dec 2017 13:53

Tgt Ion:276 Resp: 870718

Ion	Ratio	Lower	Upper
276	100		
138	14.4	8.5	12.7#
277	27.5	18.6	28.0