Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Not Reviewed)

Data File : BM013464.D
Acq On : 16 Dec 2017 06:26
Operator : SJ/JU
Sample : I6775-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A09

Quant Time: Dec 18 00:27:37 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	275208	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1215655	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	713964	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1517698	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1142596	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	961509	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	15619	2.81	ng/uL	0.00
5) Phenol-d5	6.85	99	361237	15.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	229390	16.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	305916	16.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	297859	14.64	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	167965	17.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	182720	17.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	322384	15.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	358585	18.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1118321	17.60	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1302491	16.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	126985	11.50	ng/ul	0.00
57) Fluorene-d10	15.32	176	900036	16.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	120580	12.63	ng/ul	0.00
70) Anthracene-d10	17.16	188	1323914	17.42	ng/ul	0.00
76) Pyrene-d10	19.46	212	1267844	22.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	828722	16.92	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	54858	2.33	ng/ul#	84
40) 1,1'-Biphenyl	13.15	154	145418	2.41	ng/ul	94
44) Dimethylphthalate	13.78	163	221811	3.65	ng/ul	98
47) Acenaphthylene	14.03	152	112384	1.55	ng/ul#	91
49) Acenaphthene	14.38	153	787037	15.92	ng/ul	97
53) Dibenzofuran	14.72	168	695588	9.53	ng/ul	98
58) Fluorene	15.37	166	493526	8.18	ng/ul	96
68) Pentachlorophenol	16.72	266	37704	3.31	ng/ul	96
69) Phenanthrene	17.11	178	1917254	22.24	ng/ul	99
71) Anthracene	17.20	178	585427	6.64	ng/ul	99
74) Fluoranthene	19.13	202	2103655	19.91	ng/ul#	90
77) Pyrene	19.49	202	1491998	21.49	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	478141	6.60	ng/ul	99
82) Chrysene	21.29	228	543871	8.09	ng/ul	96
85) Benzo(b)fluoranthene	22.82	252	759729	11.72	ng/ul#	98
86) Benzo(k)fluoranthene	22.82	252	759729	12.46	ng/ul#	97
88) Benzo(a)pyrene	23.38	252	304389	5.23	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.70	276	242019	4.19	ng/ul#	94
91) Benzo(g,h,i)perylene	26.39	276	181270	3.98	ng/ul#	95

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

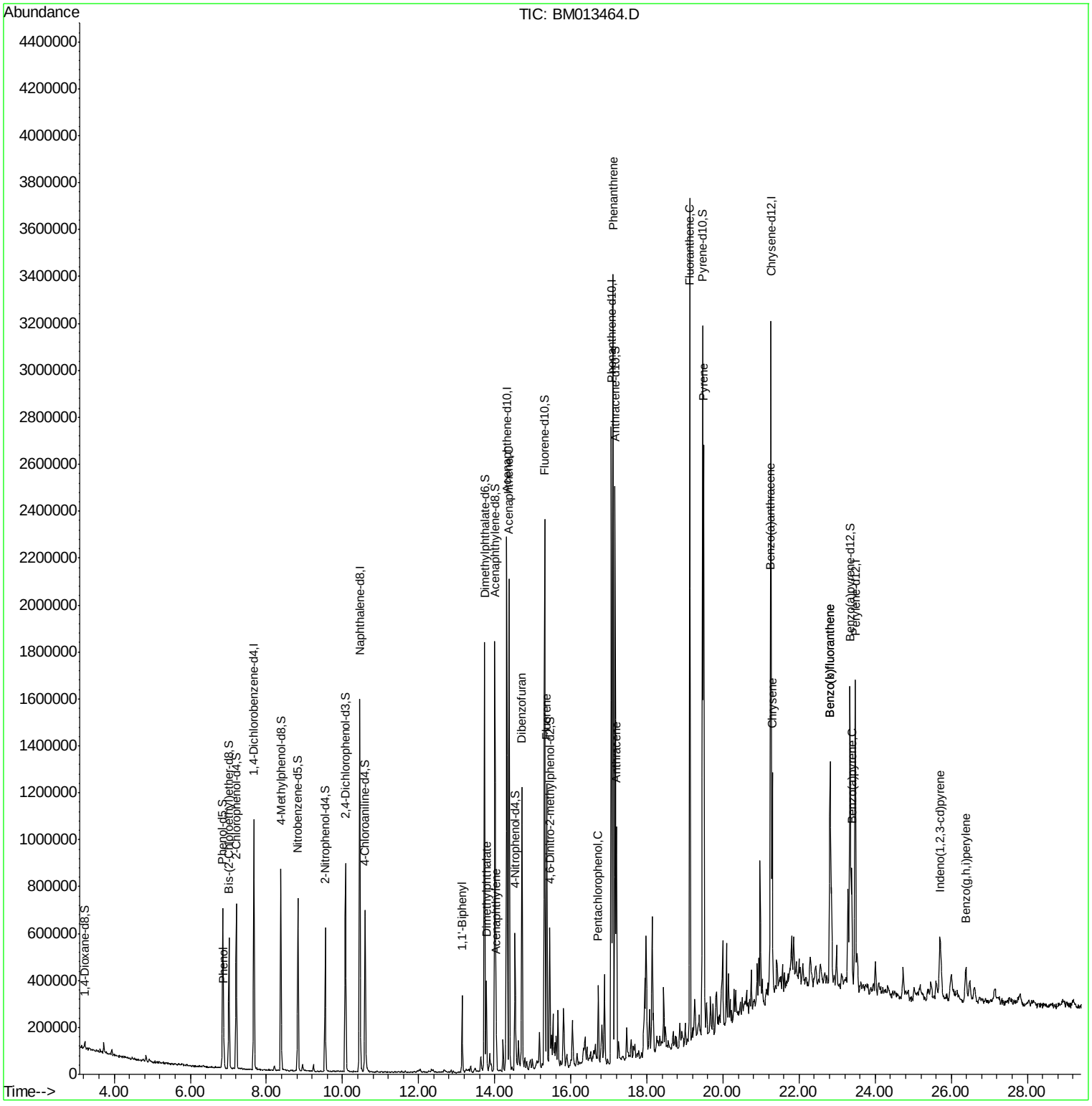
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

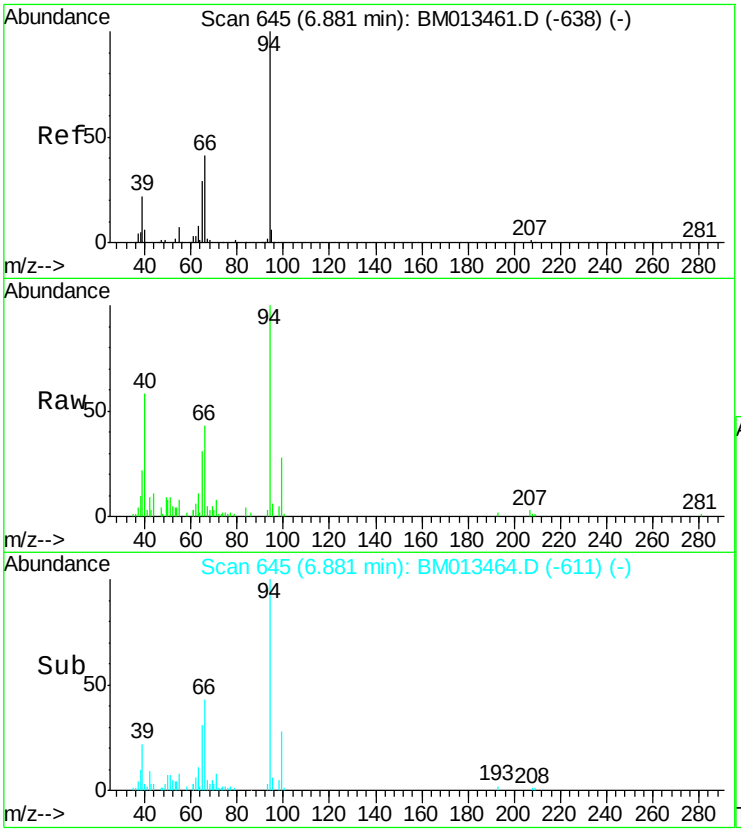
Quantitation Report (Not Reviewed)

Data File : BM013464.D
Acq On : 16 Dec 2017 06:26
Operator : SJ/JU
Sample : I6775-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A09

Quant Time: Dec 18 00:27:37 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



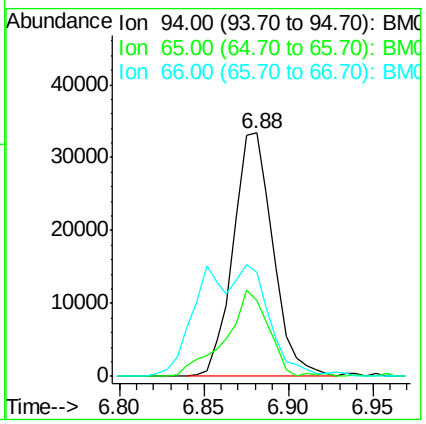


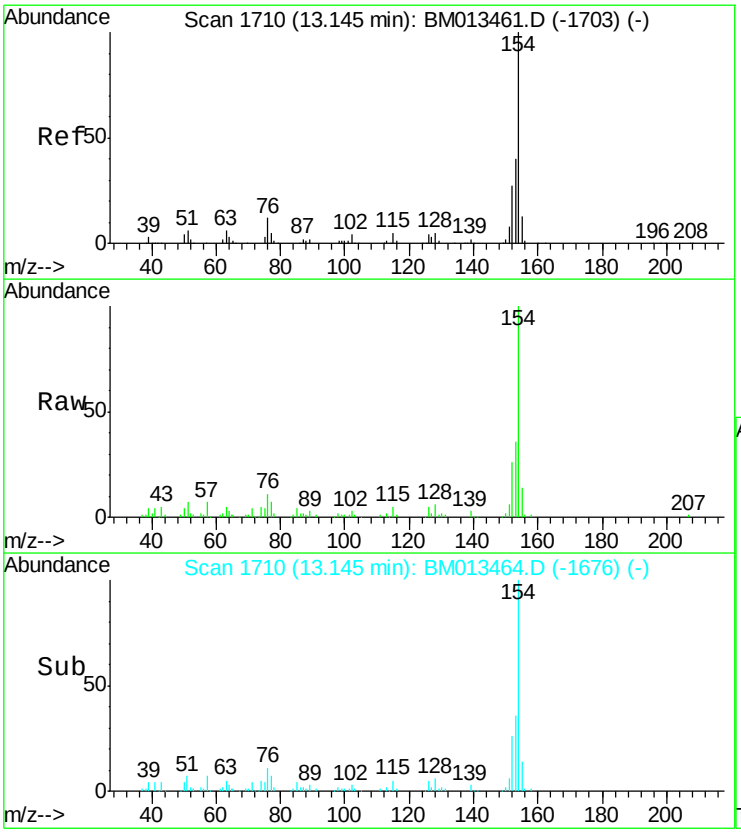
#6
Phenol
Concen: 2.33 ng/ul
RT: 6.88 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Instrument :
BNA_M
ClientSampleId :
F9A09

Tgt Ion: 94 Resp: 54858

Ion	Ratio	Lower	Upper
94	100		
65	31.3	28.2	42.4
66	42.5	47.2	70.8#

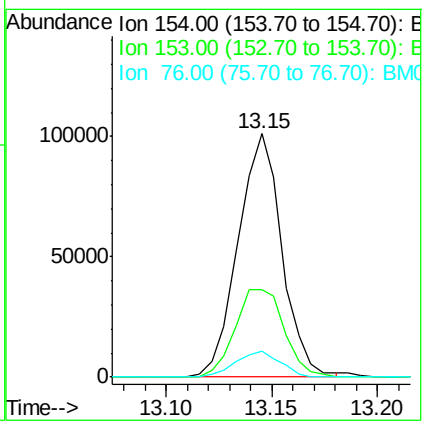


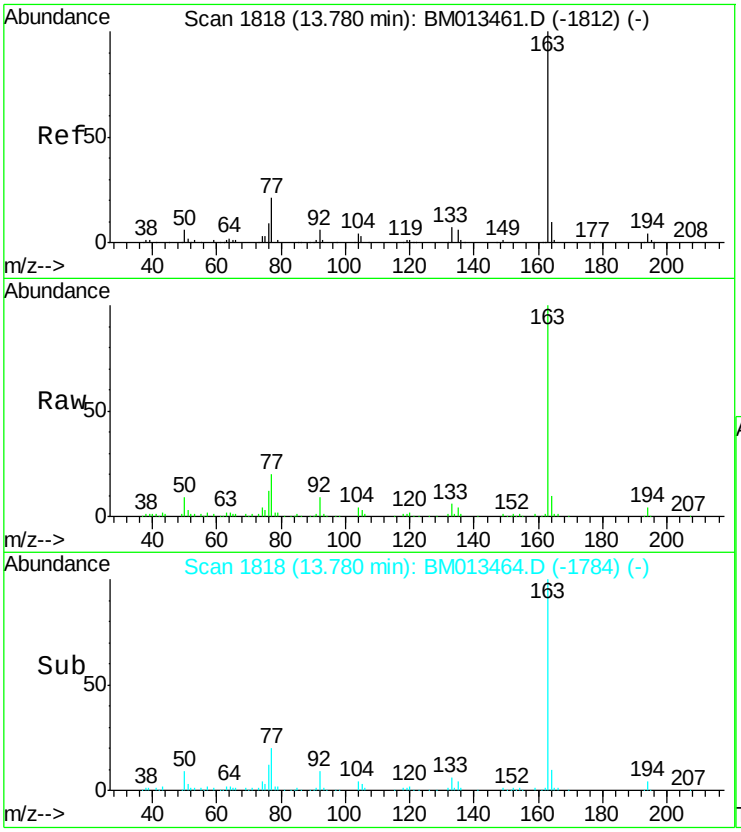


#40
1,1'-Biphenyl
Concen: 2.41 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Tgt Ion:154 Resp: 145418

Ion	Ratio	Lower	Upper
154	100		
153	35.8	32.6	48.8
76	10.6	8.5	12.7



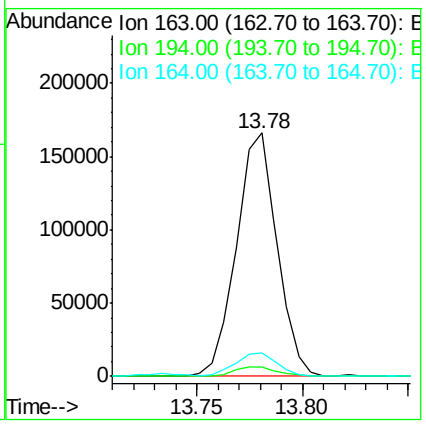


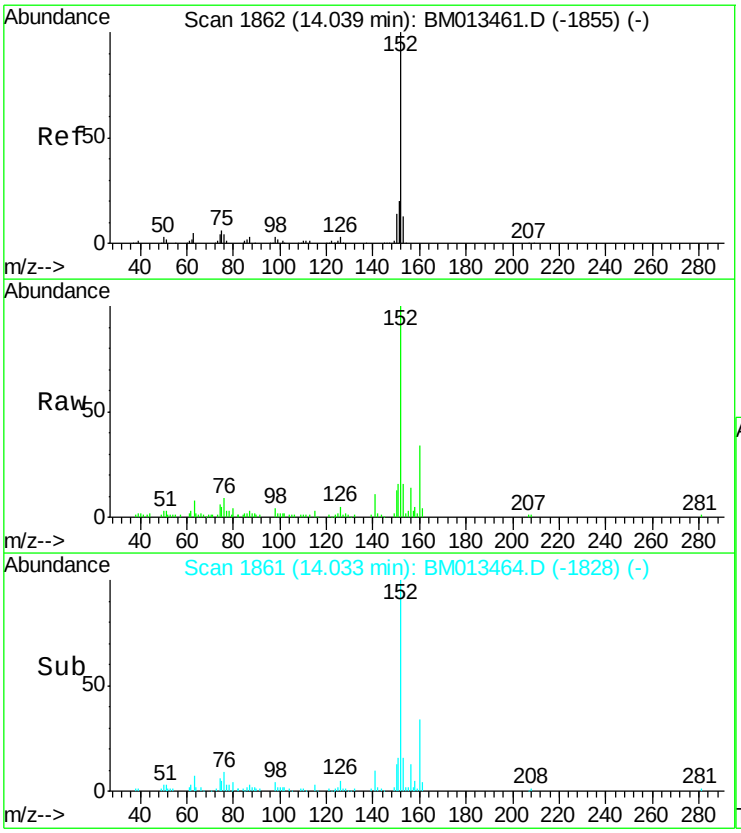
#44
Dimethylphthalate
Concen: 3.65 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Instrument :
BNA_M
ClientSampleId :
F9A09

Tgt Ion:163 Resp: 221811

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.6	8.2	12.4

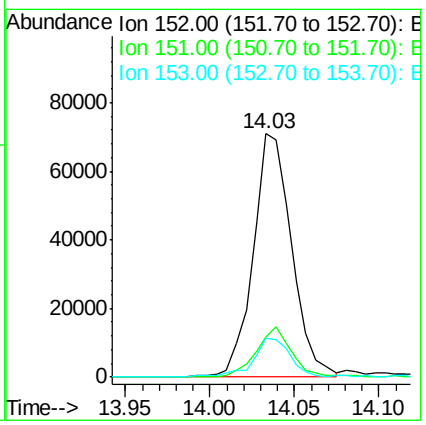


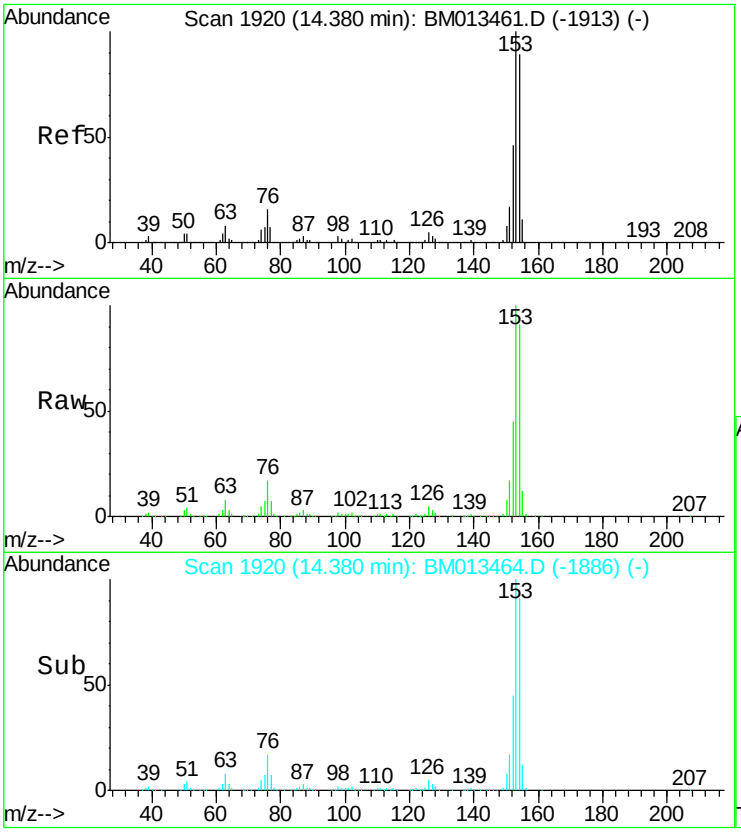


#47
Acenaphthylene
Concen: 1.55 ng/ul
RT: 14.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Tgt Ion:152 Resp: 112384

Ion	Ratio	Lower	Upper
152	100		
151	16.4	16.3	24.5
153	16.1	10.2	15.4#



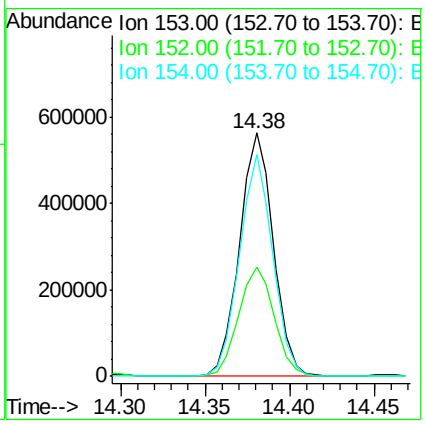


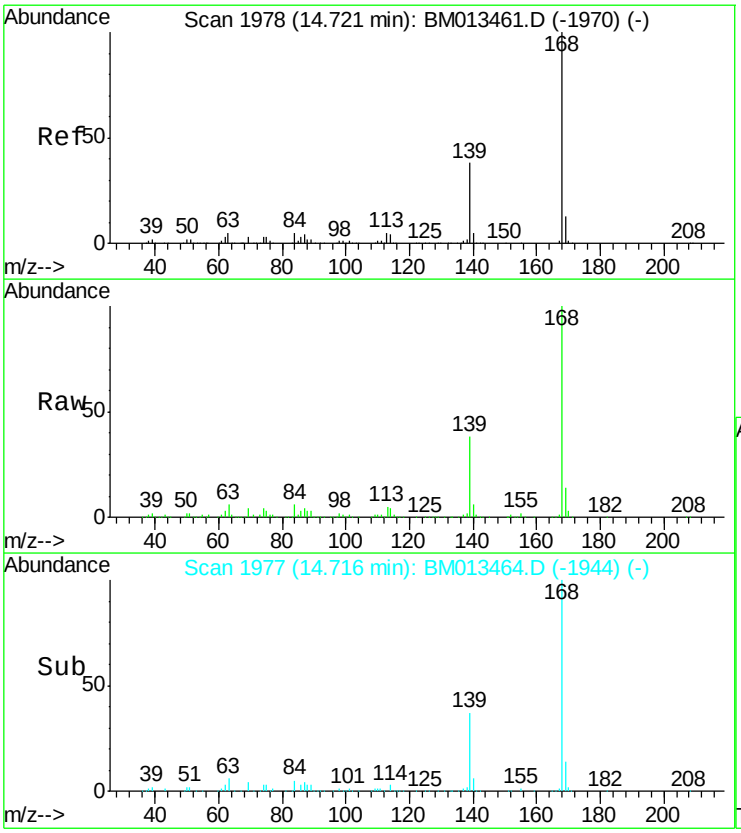
#49
Acenaphthene
Concen: 15.92 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Instrument :
BNA_M
ClientSampleId :
F9A09

Tgt Ion:153 Resp: 787037

Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.6	56.4
154	91.2	70.4	105.6

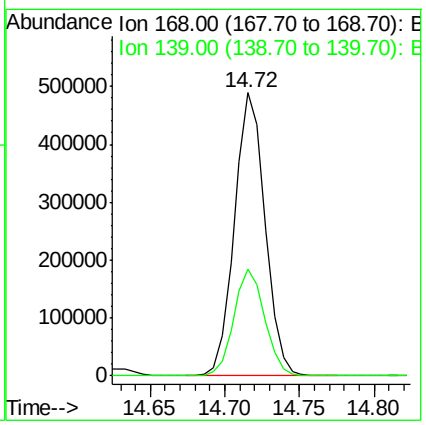


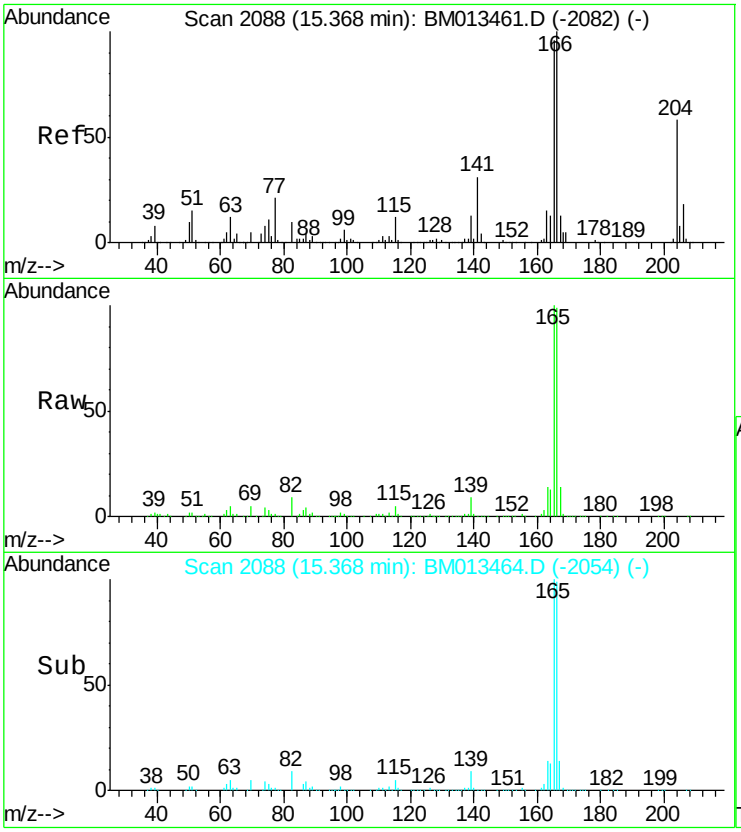


#53
Dibenzofuran
Concen: 9.53 ng/ul
RT: 14.72 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Tgt Ion:168 Resp: 695588

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.8	46.2



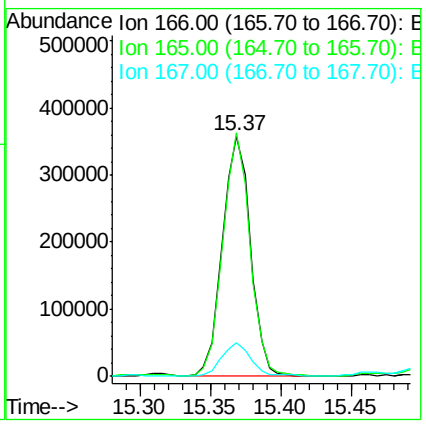


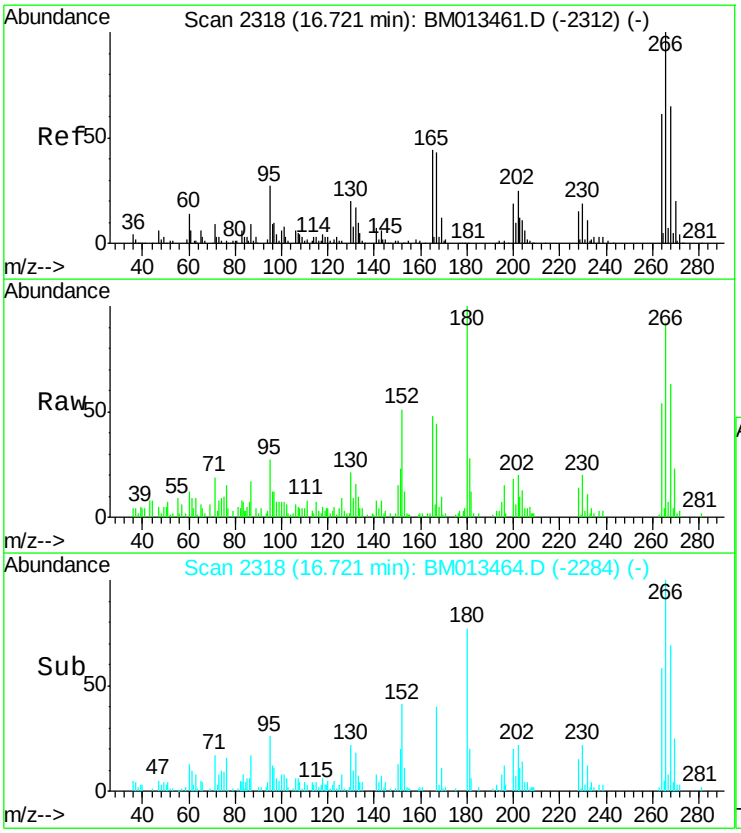
#58
Fluorene
Concen: 8.18 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Instrument :
BNA_M
ClientSampleId :
F9A09

Tgt Ion:166 Resp: 493526

Ion	Ratio	Lower	Upper
166	100		
165	101.3	77.9	116.9
167	14.3	10.6	16.0

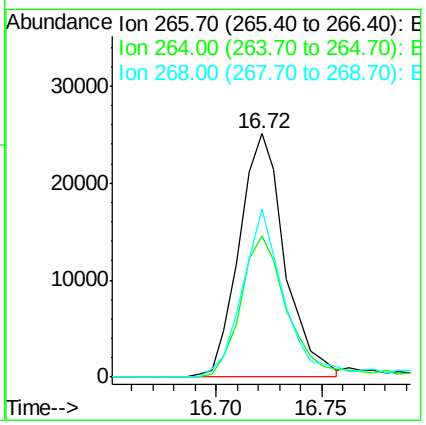


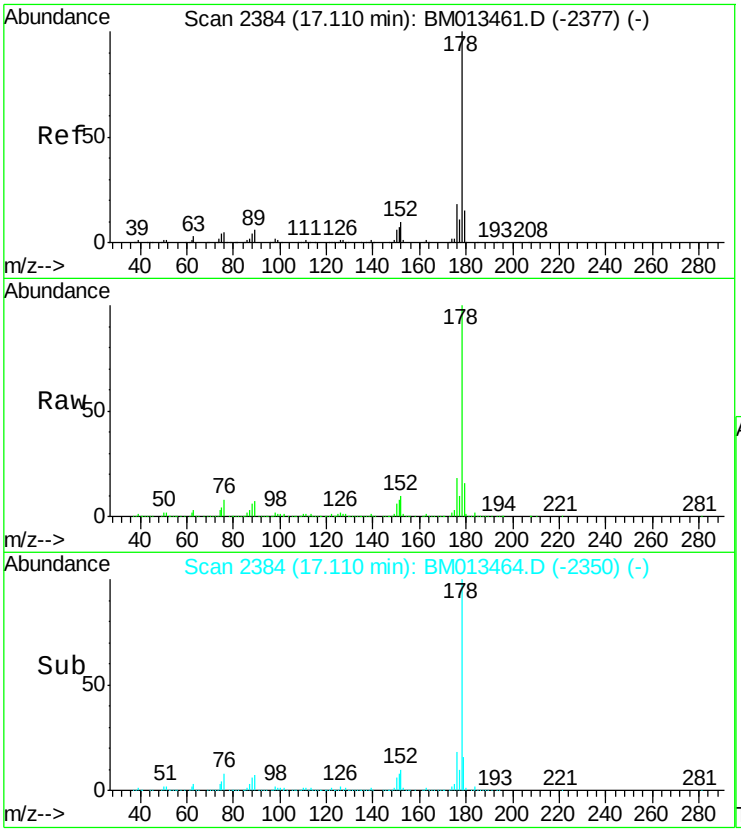


#68
Pentachlorophenol
Concen: 3.31 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Tgt Ion:266 Resp: 37704

Ion	Ratio	Lower	Upper
266	100		
264	58.1	49.3	73.9
268	68.9	52.6	78.8



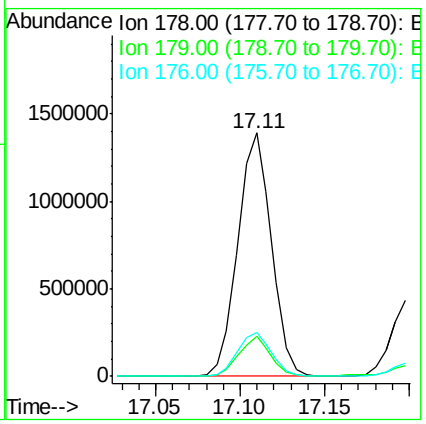


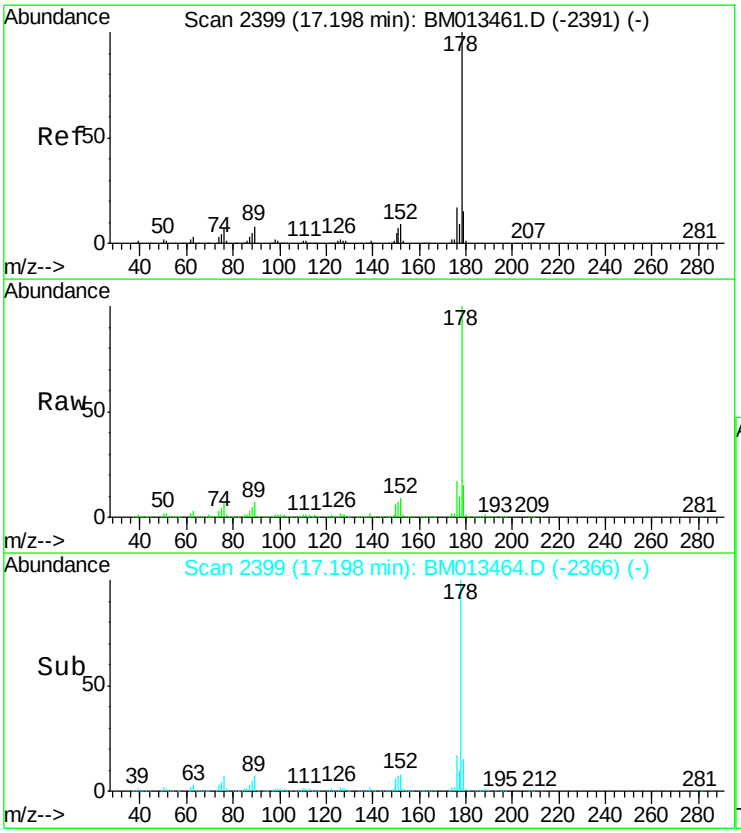
#69
Phenanthrene
Concen: 22.24 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Instrument :
BNA_M
ClientSampleId :
F9A09

Tgt Ion:178 Resp: 1917254

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	18.3	14.9	22.3

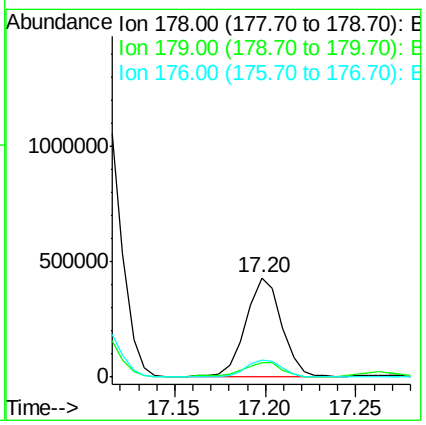


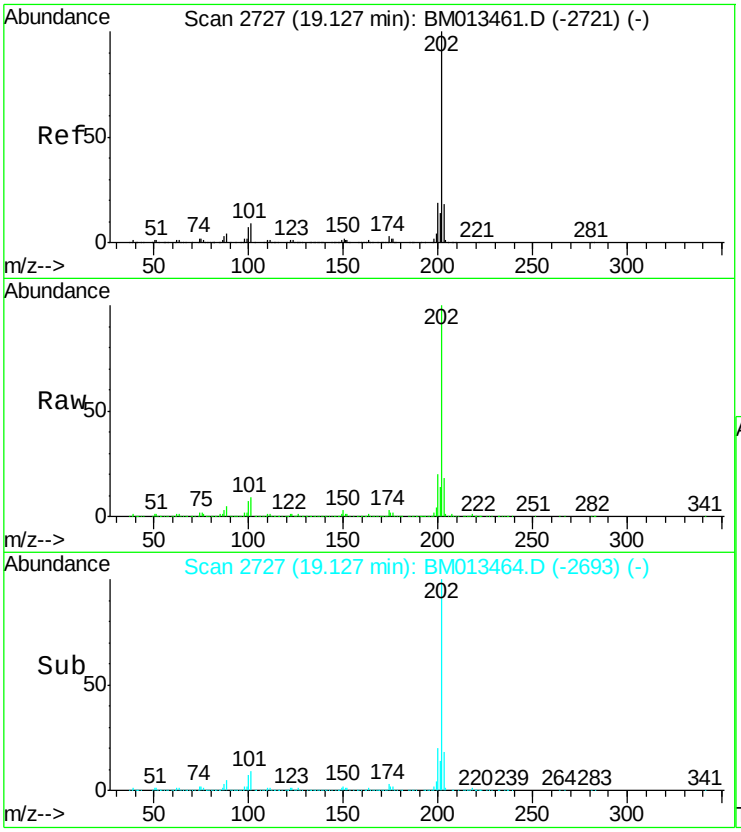


#71
Anthracene
Concen: 6.64 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Tgt Ion:178 Resp: 585427

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.7	17.5
176	17.3	14.6	21.8



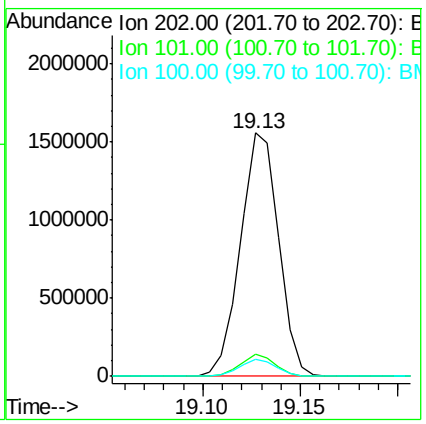


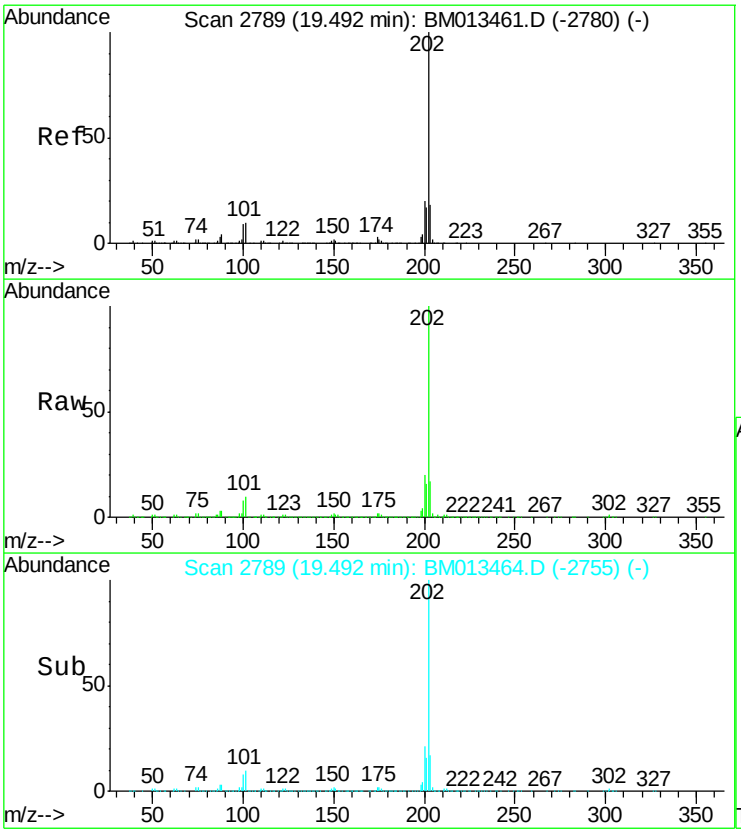
#74
Fluoranthene
Concen: 19.91 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Instrument :
BNA_M
ClientSampleId :
F9A09

Tgt Ion:202 Resp: 2103655

Ion	Ratio	Lower	Upper
202	100		
101	9.3	4.6	7.0#
100	7.1	3.4	5.2#

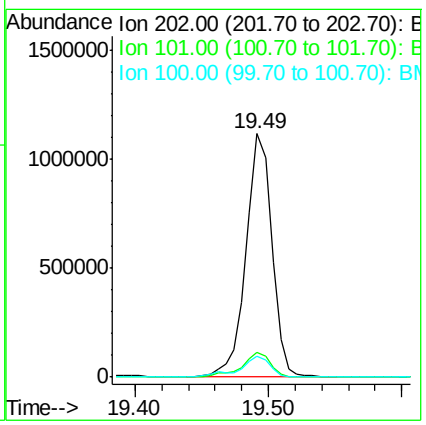


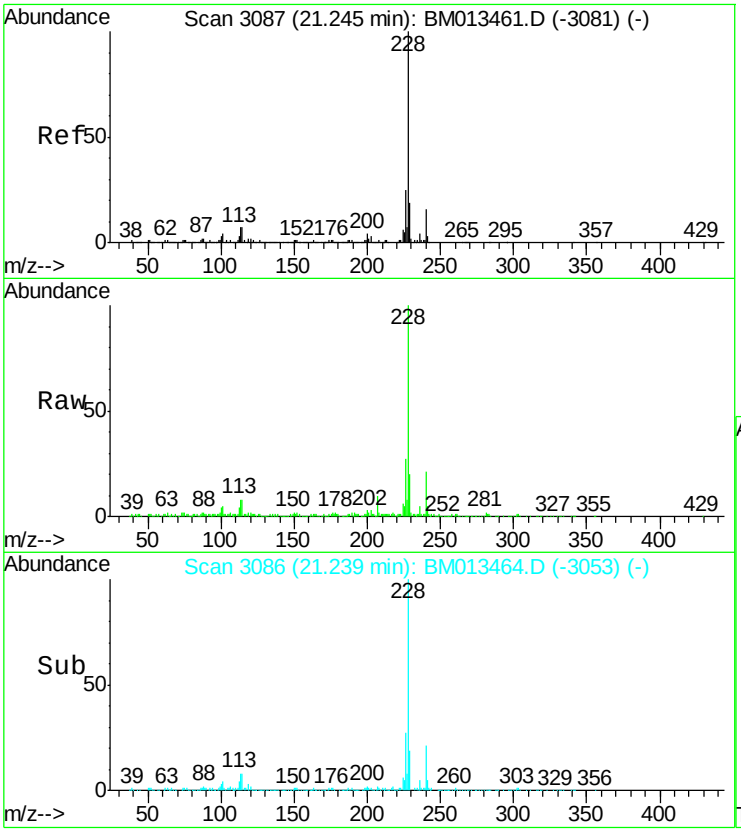


#77
Pyrene
Concen: 21.49 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Tgt Ion:202 Resp: 1491998

Ion	Ratio	Lower	Upper
202	100		
101	10.3	5.1	7.7#
100	8.4	4.9	7.3#



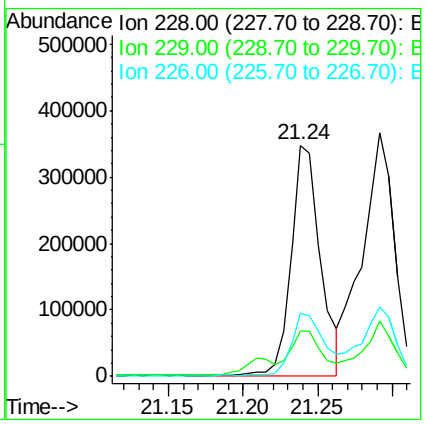


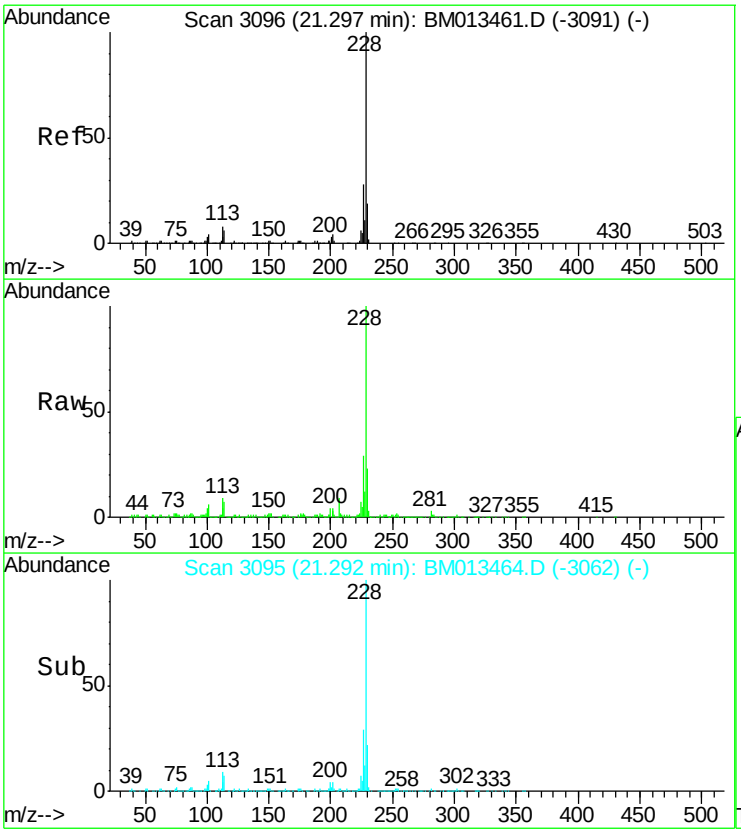
#80
Benzo(a)anthracene
Concen: 6.60 ng/ul
RT: 21.24 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Instrument :
BNA_M
ClientSampleId :
F9A09

Tgt Ion:228 Resp: 478141

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	27.4	21.4	32.0

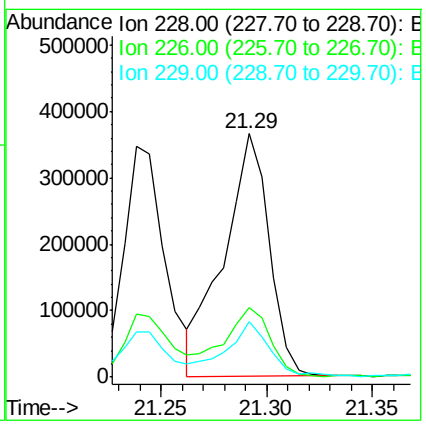


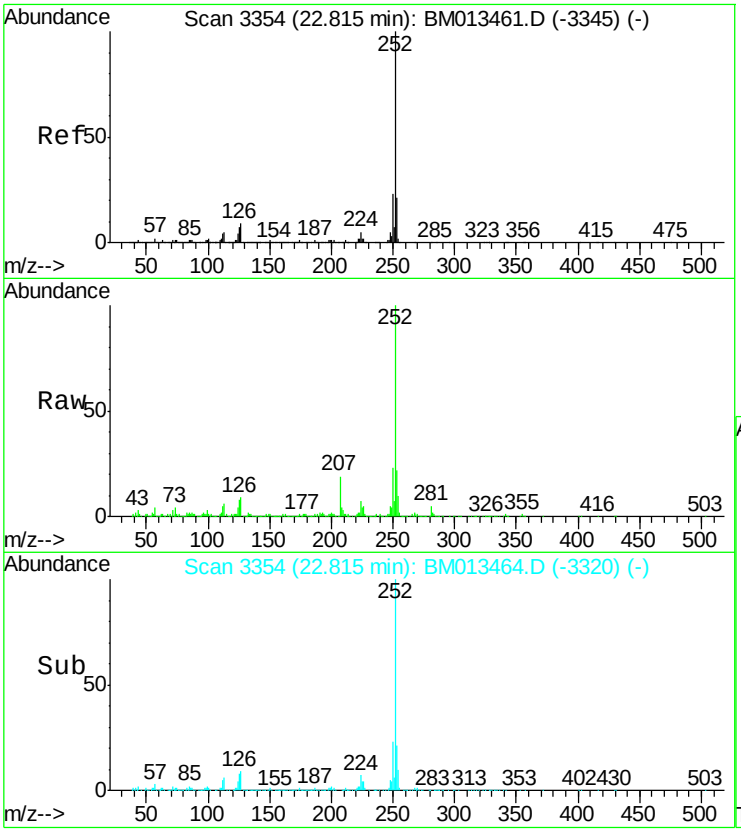


#82
Chrysene
Concen: 8.09 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Tgt Ion:228 Resp: 543871

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	22.9	15.5	23.3



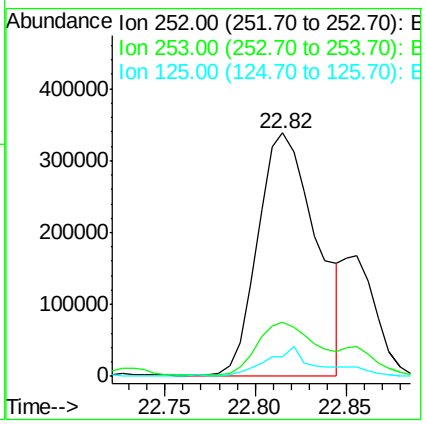


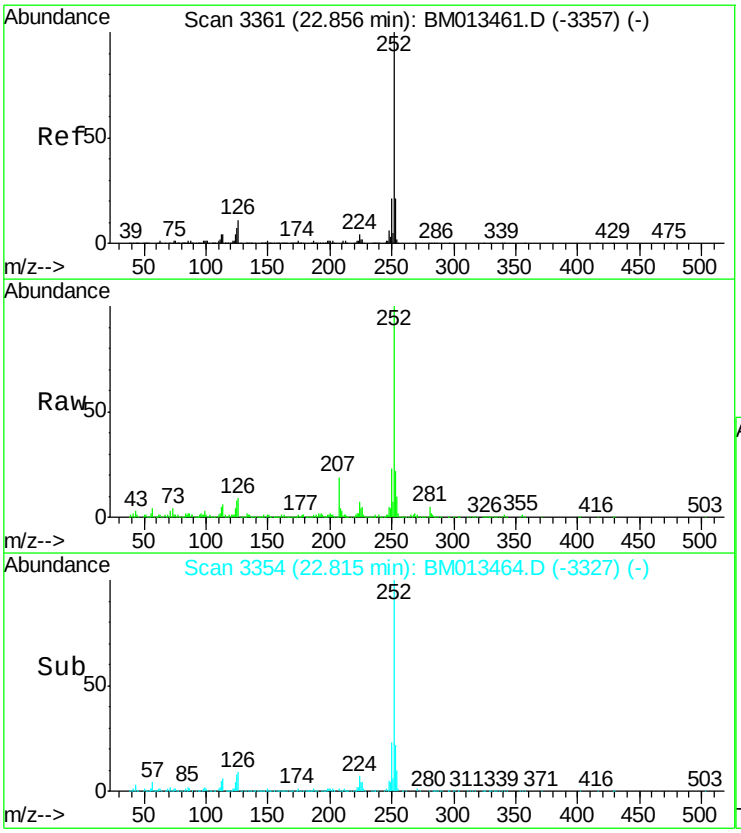
#85
Benzo(b)fluoranthene
Concen: 11.72 ng/ul
RT: 22.82 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Instrument :
BNA_M
ClientSampleId :
F9A09

Tgt Ion:252 Resp: 759729

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	8.1	3.6	5.4#

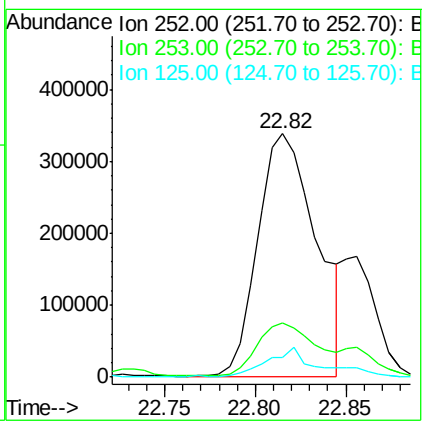


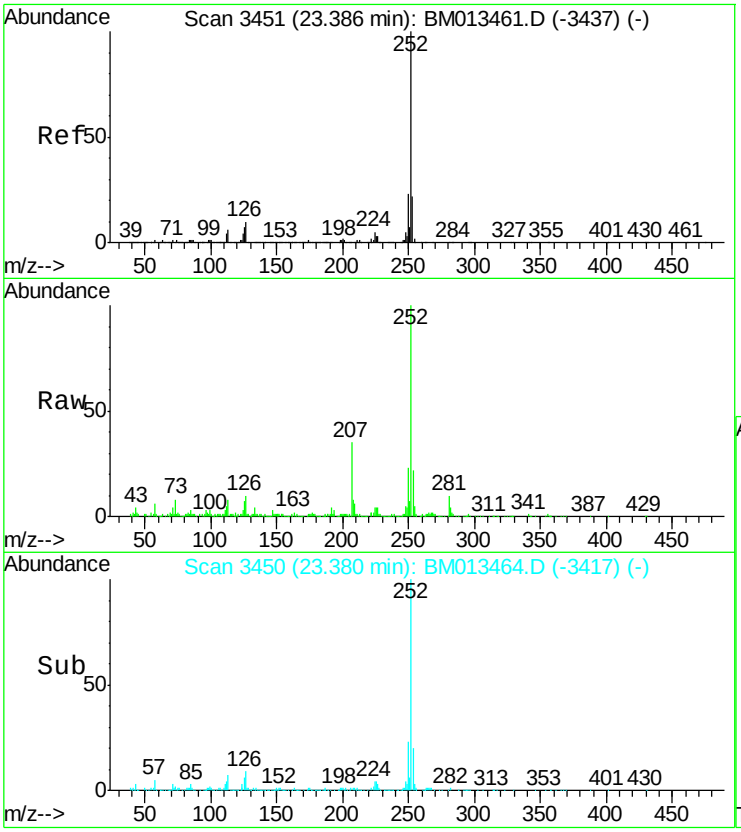


#86
Benzo(k)fluoranthene
Concen: 12.46 ng/ul
RT: 22.82 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Tgt Ion:252 Resp: 759729

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	8.1	3.4	5.2#



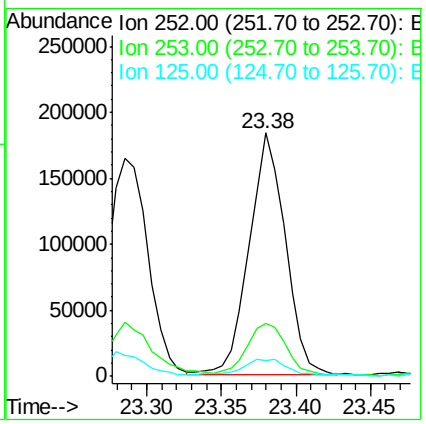


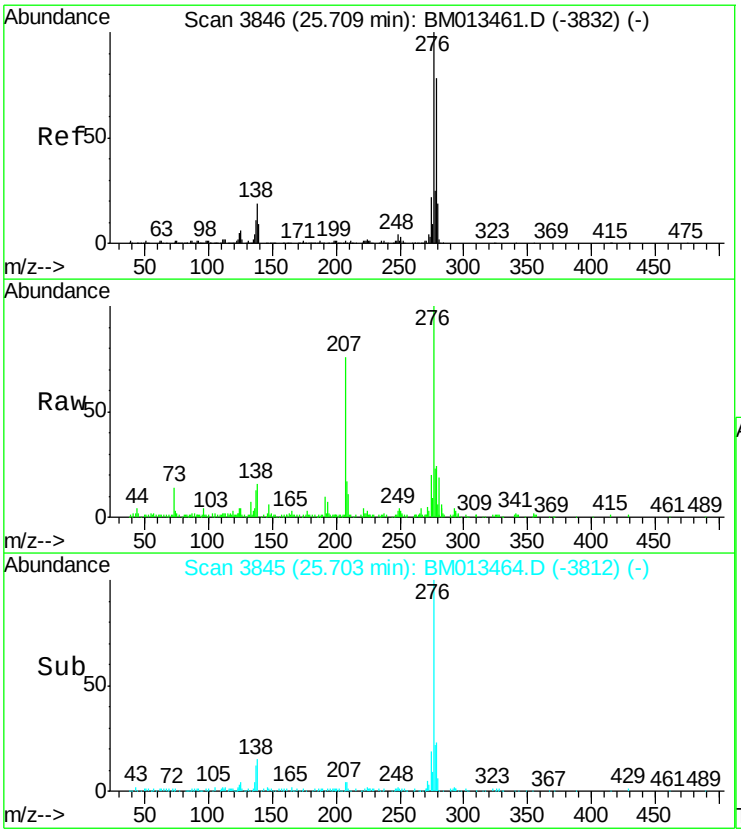
#88
Benzo(a)pyrene
Concen: 5.23 ng/ul
RT: 23.38 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Instrument :
BNA_M
ClientSampleId :
F9A09

Tgt Ion:252 Resp: 304389

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	6.7	4.0	6.0#

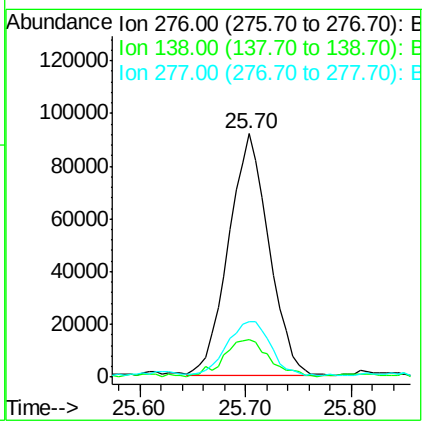


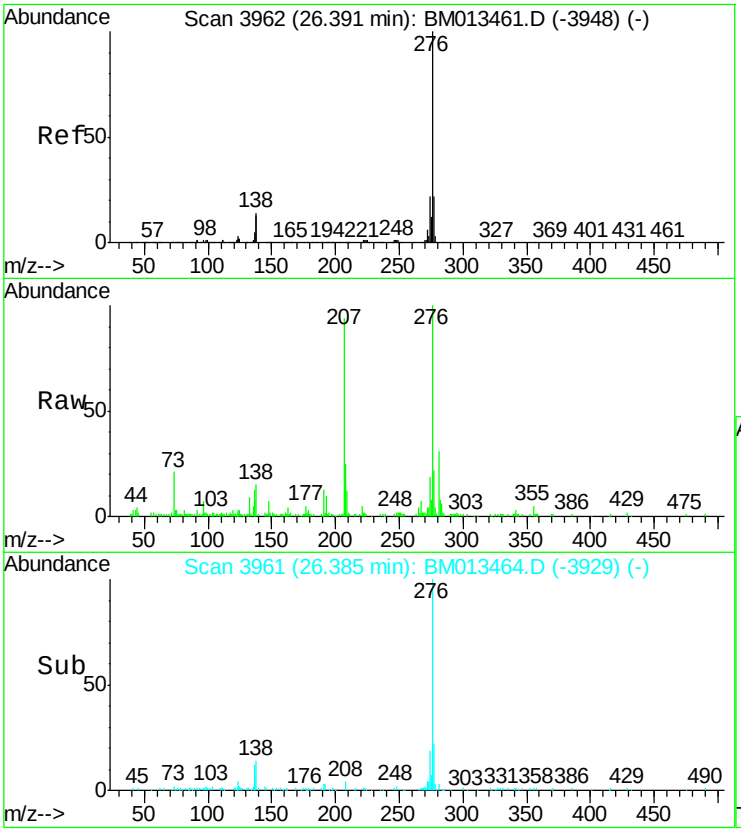


#89
Indeno(1,2,3-cd)pyrene
Concen: 4.19 ng/ul
RT: 25.70 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Tgt Ion:276 Resp: 242019

Ion	Ratio	Lower	Upper
276	100		
138	15.7	9.3	13.9#
277	22.6	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 3.98 ng/ul
RT: 26.39 min Scan# 3961
Delta R.T. -0.01 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Instrument :
BNA_M
ClientSampleId :
F9A09

Tgt Ion:276 Resp: 181270

Ion	Ratio	Lower	Upper
276	100		
138	14.7	8.5	12.7#
277	22.1	18.6	28.0