Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101317\
Data File : BM012162.D
Acq On : 14 Oct 2017 08:04
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 15 05:22:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 00:15:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	190192	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.62	136	746617	20.00	ng/ul	-0.04
35) Acenaphthene-d10	14.47	164	411606	20.00	ng/ul	-0.03
61) Phenanthrene-d10	17.22	188	849992	20.00	ng/ul	-0.03
75) Chrysene-d12	21.40	240	926975	20.00	ng/ul	-0.04
83) Perylene-d12	23.72	264	1007292	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	16479	4.12	ng/uL	-0.02
5) Phenol-d5	6.99	99	313591	20.32	ng/ul	-0.03
7) Bis-(2-Chloroethyl)ether-d	7.15	67	255489	27.61	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.35	132	343055	26.21	ng/ul	-0.03
13) 4-Methylphenol-d8	8.53	113	308494	23.22	ng/ul	-0.04
19) Nitrobenzene-d5	8.99	128	174989	30.71	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.71	143	196717	29.55	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.25	165	324859	25.56	ng/ul	-0.04
29) 4-Chloroaniline-d4	10.77	131	276859	23.27	ng/ul	-0.03
43) Dimethylphthalate-d6	13.88	166	1086837	29.88	ng/ul	-0.02
46) Acenaphthylene-d8	14.17	160	1383467	31.42	ng/ul	-0.03
51) 4-Nitrophenol-d4	14.70	143	47603	8.70	ng/ul	-0.03
57) Fluorene-d10	15.47	176	948521	31.77	ng/ul	-0.03
62) 4,6-Dinitro-2-methylphenol	15.61	200	71684	12.29	ng/ul	-0.04
70) Anthracene-d10	17.32	188	1398791	33.28	ng/ul	-0.03
76) Pyrene-d10	19.62	212	1553140	33.01	ng/ul	-0.03
87) Benzo(a)pyrene-d12	23.57	264	1652859	34.04	ng/ul	-0.05
Target Compounds						Qvalue
16) 4-Methylphenol	8.59	108	14937	1.130	ng/ul#	77
17) Hexachloroethane	8.92	117	42643	7.565	ng/ul#	1
28) Naphthalene	10.67	128	42177	1.092	ng/ul	97
44) Dimethylphthalate	13.93	163	221344	6.073	ng/ul	99
49) Acenaphthene	14.53	153	101612	3.489	ng/ul	98
53) Dibenzofuran	14.87	168	51197	1.221	ng/ul	97
58) Fluorene	15.52	166	124573	3.576	ng/ul	94
69) Phenanthrene	17.26	178	1939688	40.114	ng/ul	99
71) Anthracene	17.36	178	439382	8.777	ng/ul	98
72) Carbazole	17.63	167	60865	1.437	ng/ul#	90
74) Fluoranthene	19.28	202	3486414	59.746	ng/ul#	92
77) Pyrene	19.64	202	3329776	54.391	ng/ul#	92
80) Benzo(a)anthracene	21.39	228	2294878	38.047	ng/ul	98
82) Chrysene	21.44	228	2088351	36.877	ng/ul	97
85) Benzo(b)fluoranthene	23.02	252	2708711	41.207	ng/ul#	97
86) Benzo(k)fluoranthene	23.02	252	2708711	42.760	ng/ul#	95
88) Benzo(a)pyrene	23.62	252	2028173	32.736	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.09	276	1244625	18.917	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.09	278	352619	6.376	ng/ul#	86
91) Benzo(g,h,i)perylene	26.82	276	1034336	19.195	ng/ul#	93

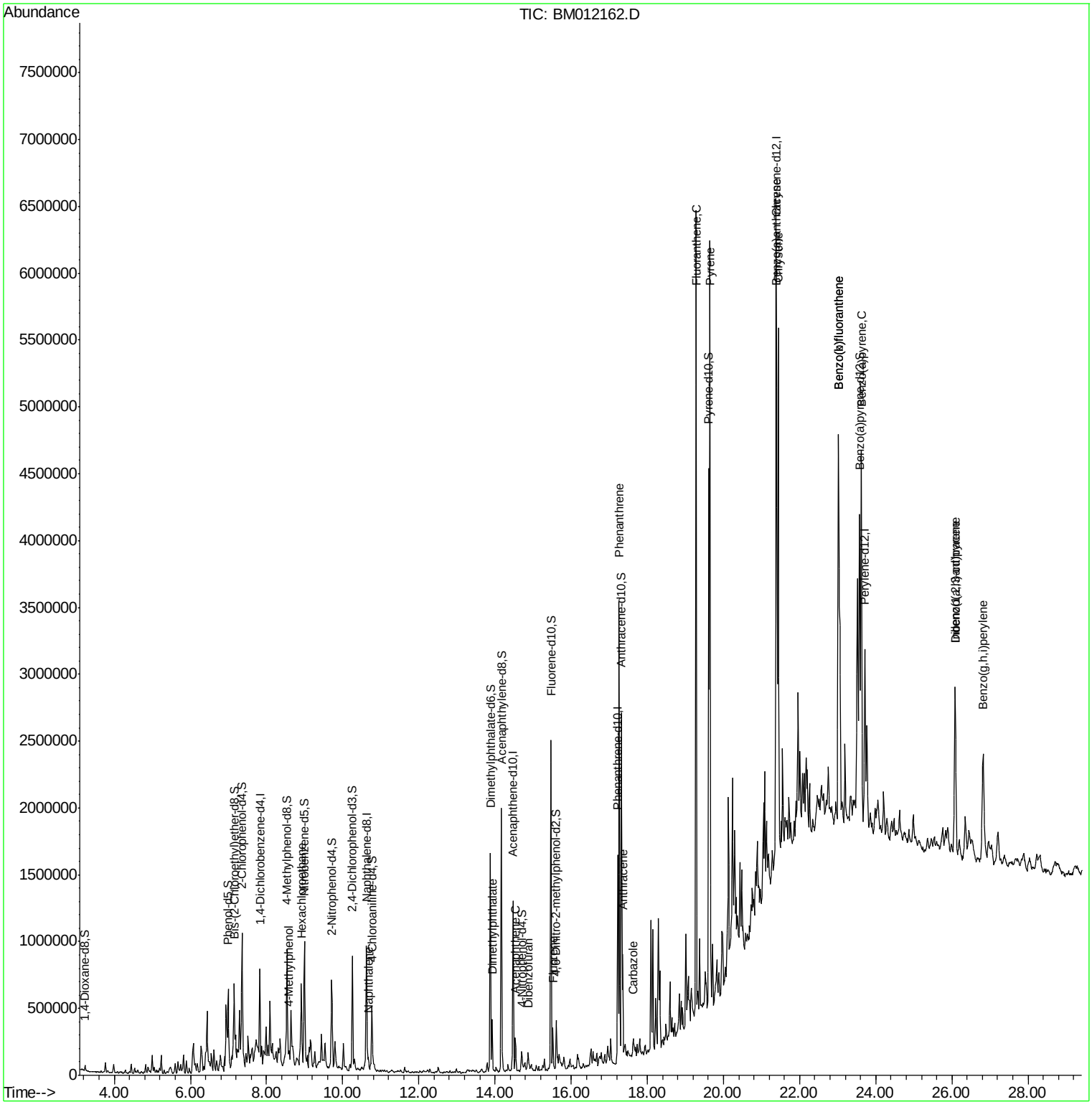
(#) = qualifier out of range (m) = manual integration (+) = signals summed

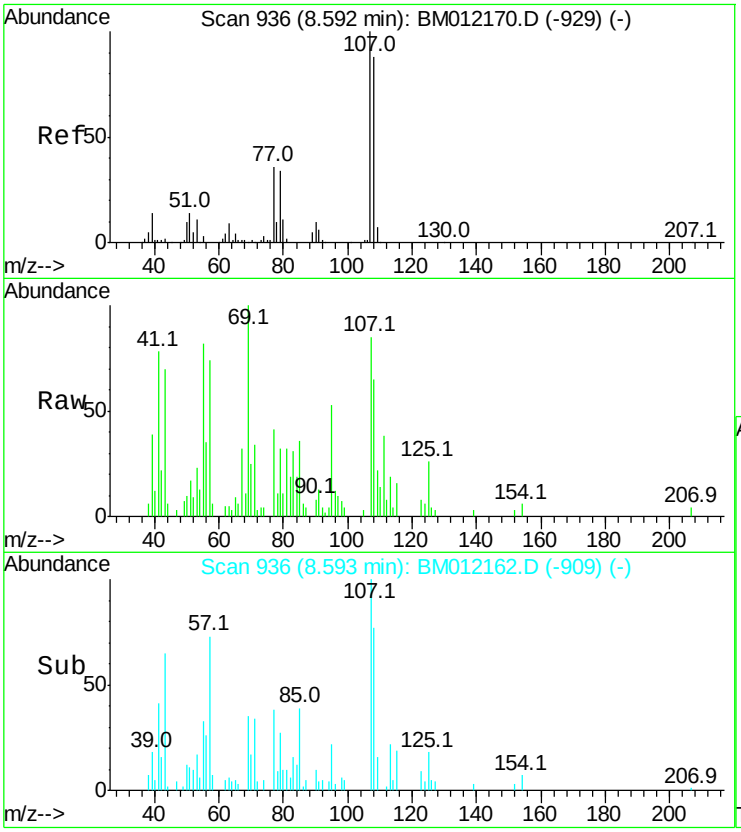
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101317\
Data File : BM012162.D
Acq On : 14 Oct 2017 08:04
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 15 05:22:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 00:15:07 2017
Response via : Initial Calibration



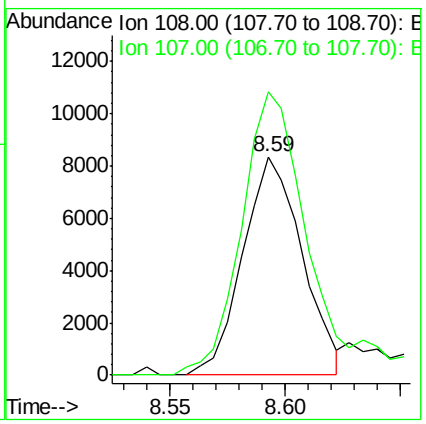


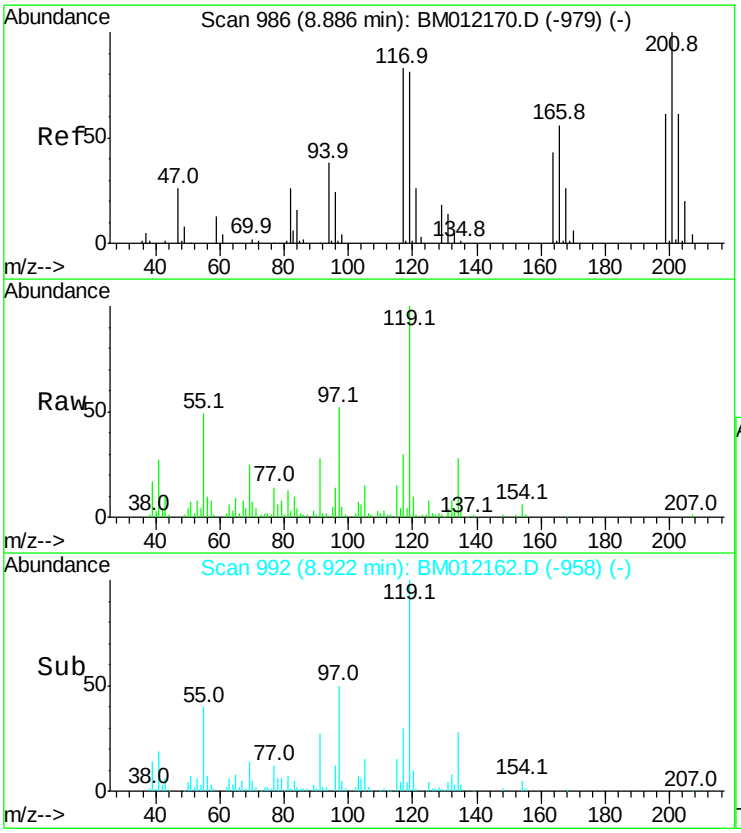
#16
4-Methylphenol
Concen: 1.130 ng/ul
RT: 8.59 min Scan# 936
Delta R.T. -0.04 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 14937

Ion	Ratio	Lower	Upper
108	100		
107	129.6	84.9	127.3#

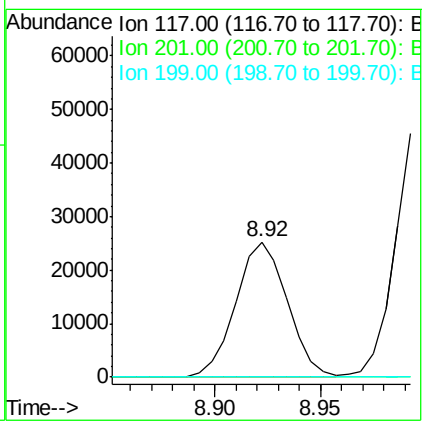


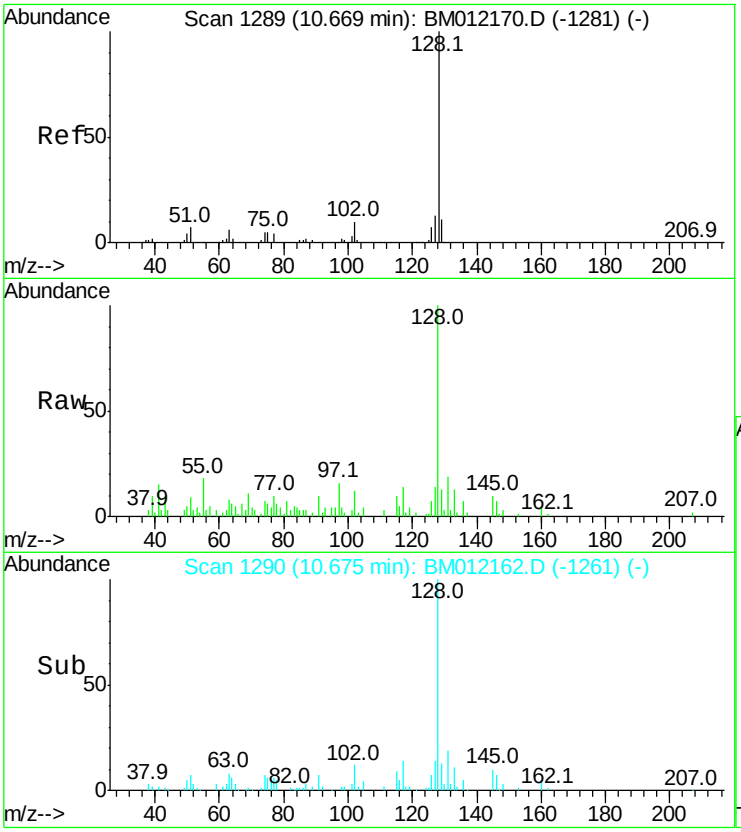


#17
Hexachloroethane
Concen: 7.565 ng/ul
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Tgt Ion:117 Resp: 42643

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



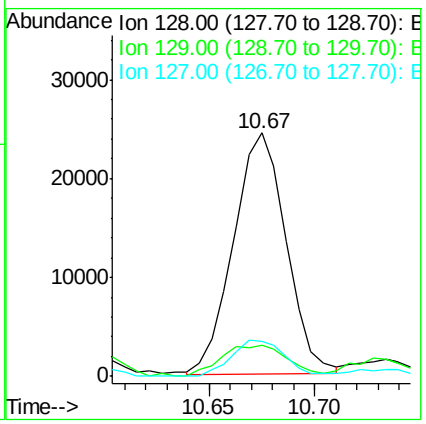


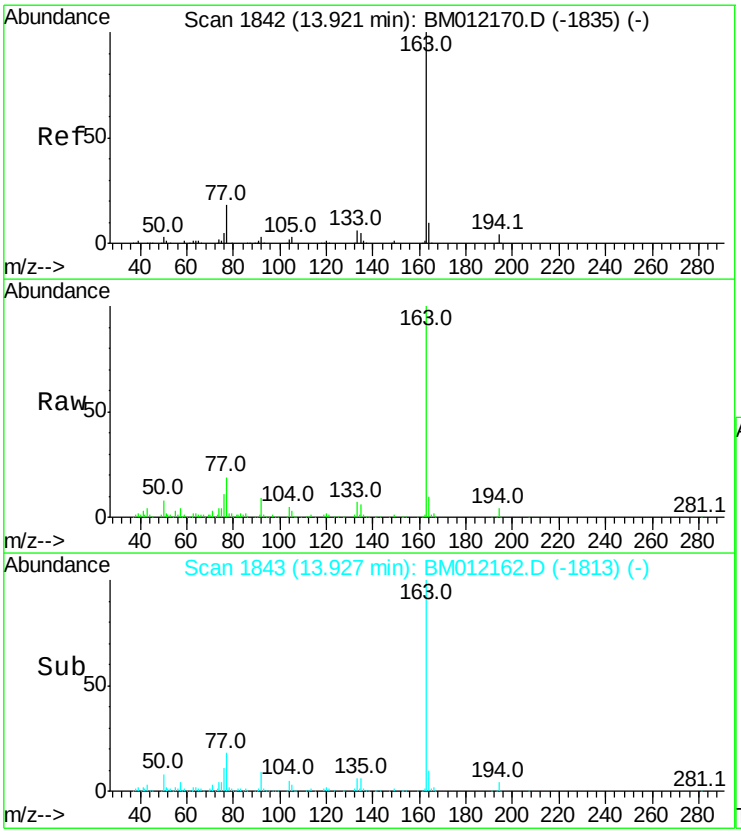
#28
Naphthalene
Concen: 1.092 ng/ul
RT: 10.67 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 42177

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.8	13.2
127	14.1	10.6	16.0

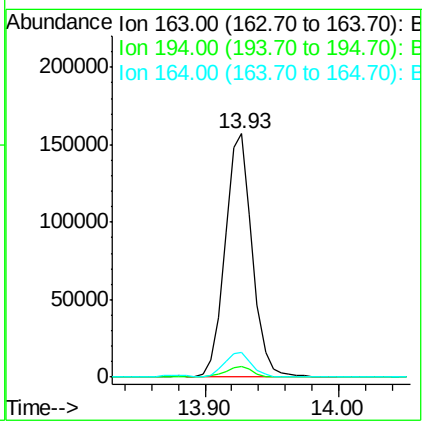


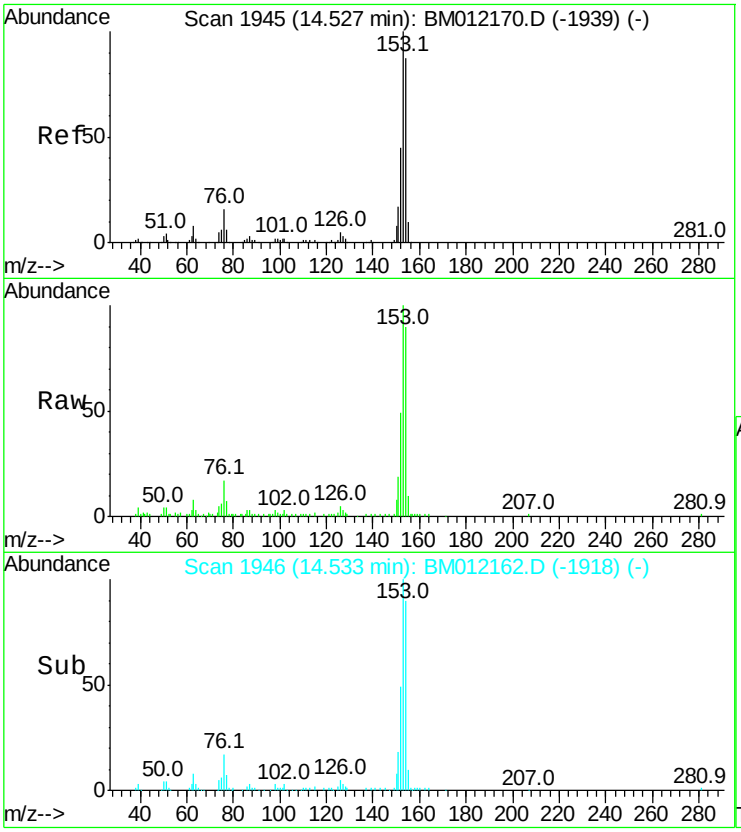


#44
Dimethylphthalate
Concen: 6.073 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Tgt Ion:163 Resp: 221344

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.0	8.2	12.4



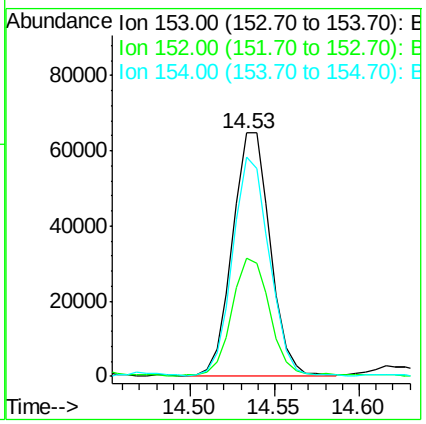


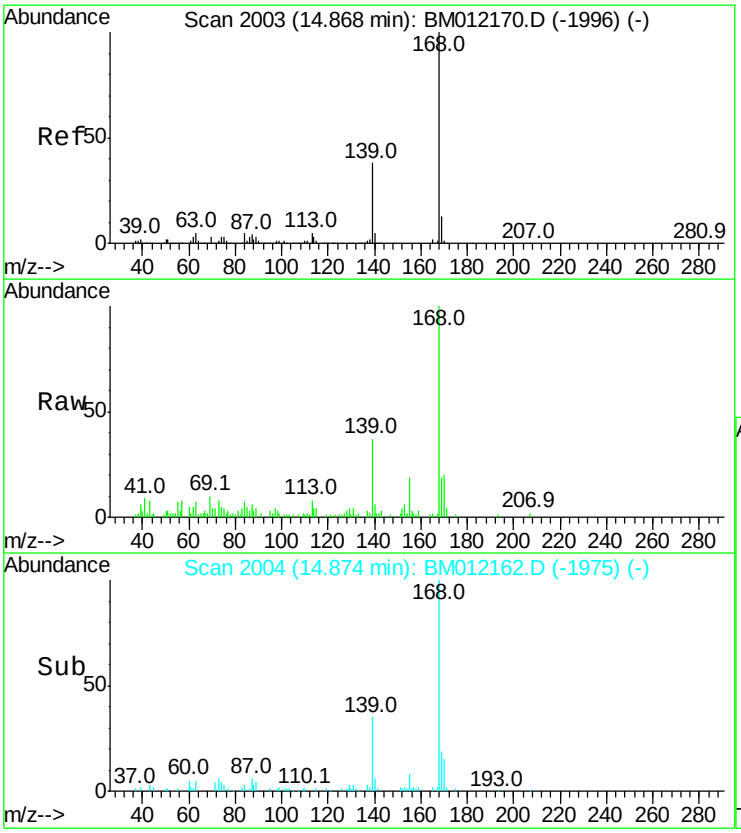
#49
Acenaphthene
Concen: 3.489 ng/ul
RT: 14.53 min Scan# 1946
Delta R.T. -0.04 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 101612

Ion	Ratio	Lower	Upper
153	100		
152	48.7	37.6	56.4
154	90.1	70.4	105.6

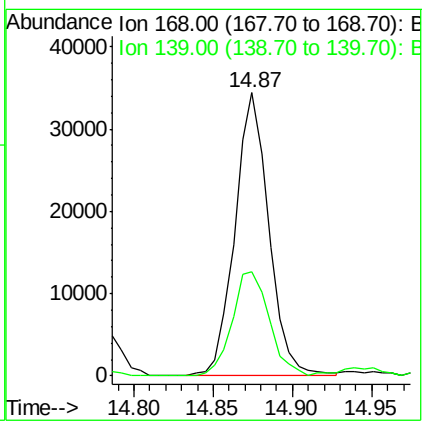


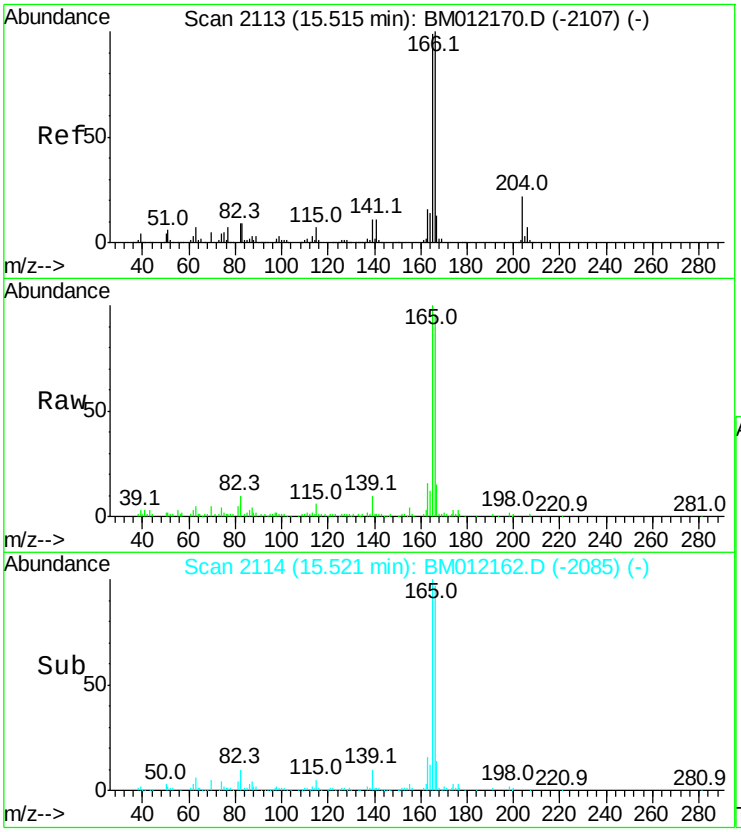


#53
Dibenzofuran
Concen: 1.221 ng/ul
RT: 14.87 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Tgt Ion:168 Resp: 51197

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.8	46.2



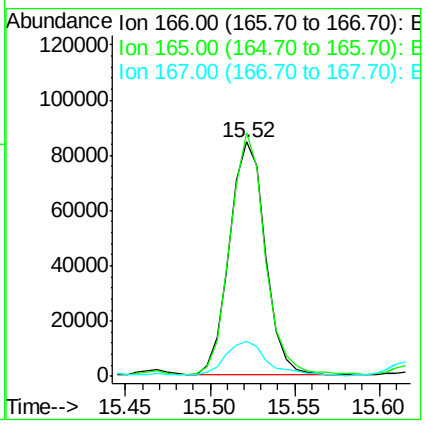


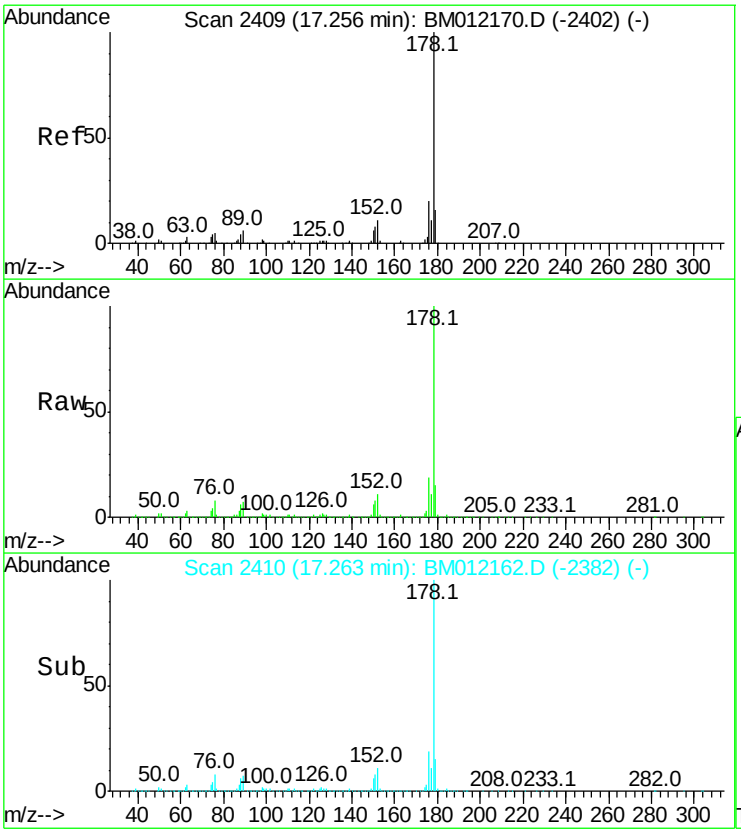
#58
Fluorene
Concen: 3.576 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. -0.03 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 124573

Ion	Ratio	Lower	Upper
166	100		
165	103.8	77.9	116.9
167	15.1	10.6	16.0

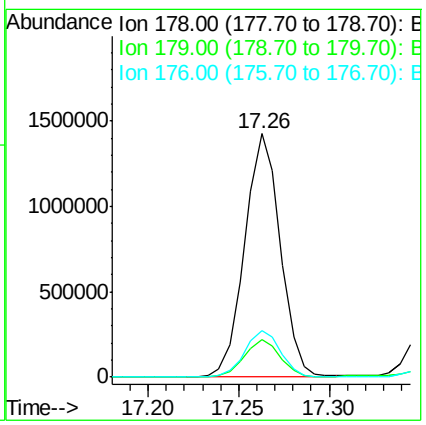


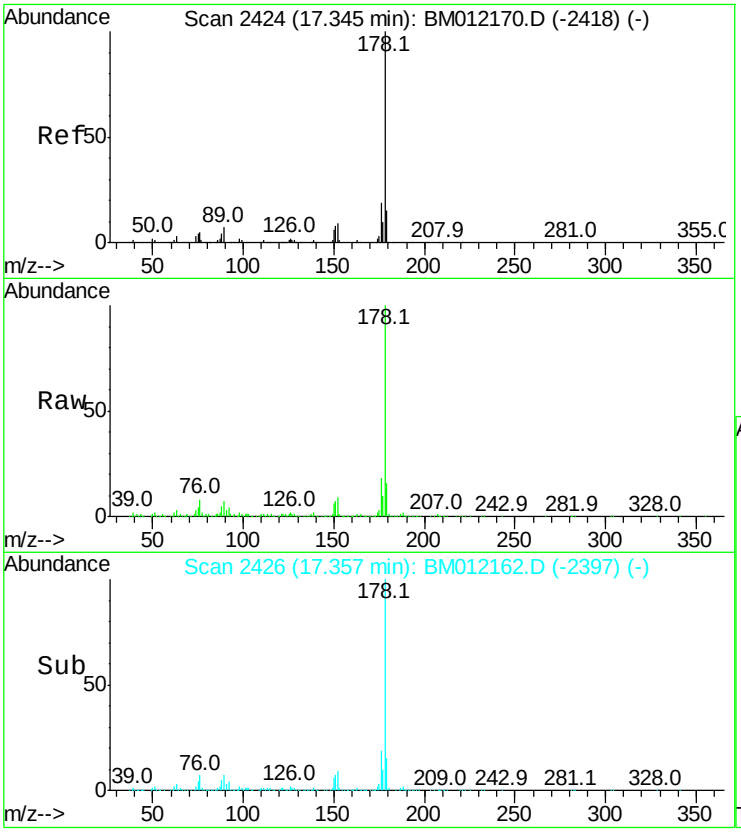


#69
Phenanthrene
Concen: 40.114 ng/ul
RT: 17.26 min Scan# 2410
Delta R.T. -0.04 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Tgt Ion:178 Resp: 1939688

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.1	14.9	22.3



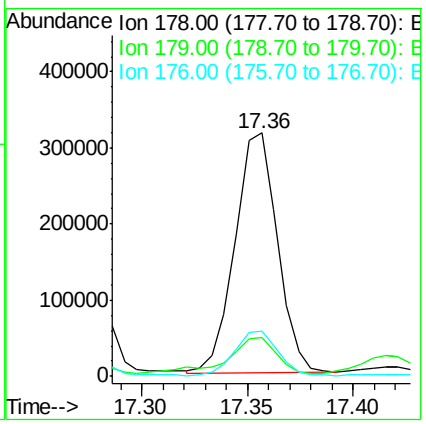


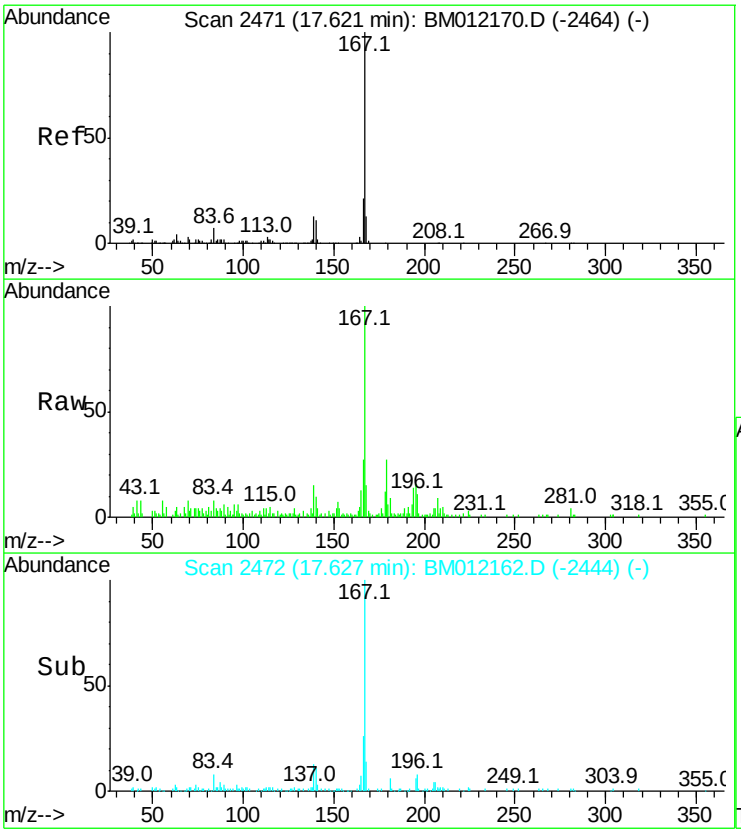
#71
Anthracene
Concen: 8.777 ng/ul
RT: 17.36 min Scan# 2426
Delta R.T. -0.03 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 439382

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	18.5	14.6	21.8

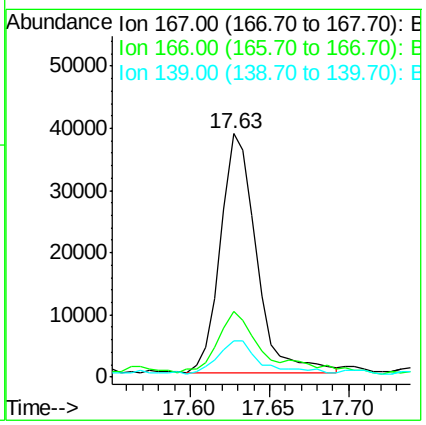


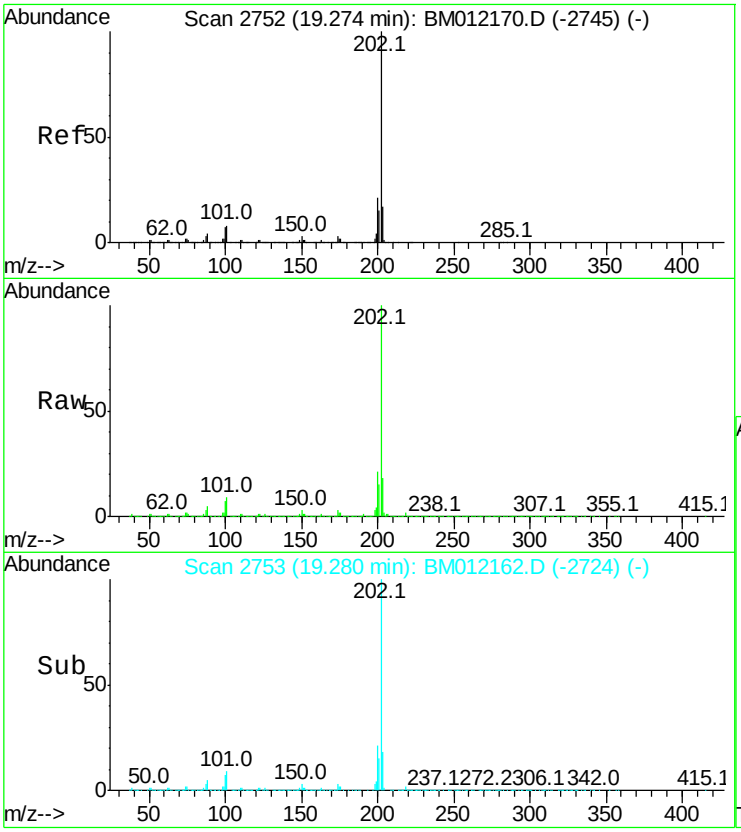


#72
Carbazole
Concen: 1.437 ng/ul
RT: 17.63 min Scan# 2472
Delta R.T. -0.04 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Tgt Ion:167 Resp: 60865

Ion	Ratio	Lower	Upper
167	100		
166	27.0	17.1	25.7#
139	15.0	10.0	15.0



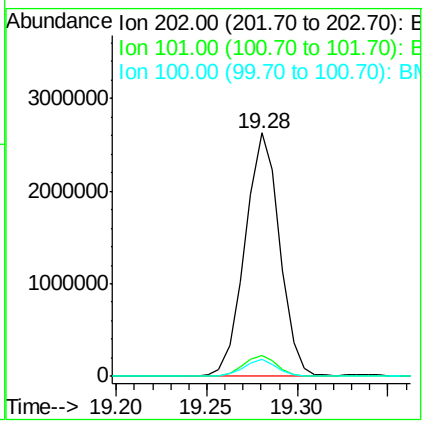


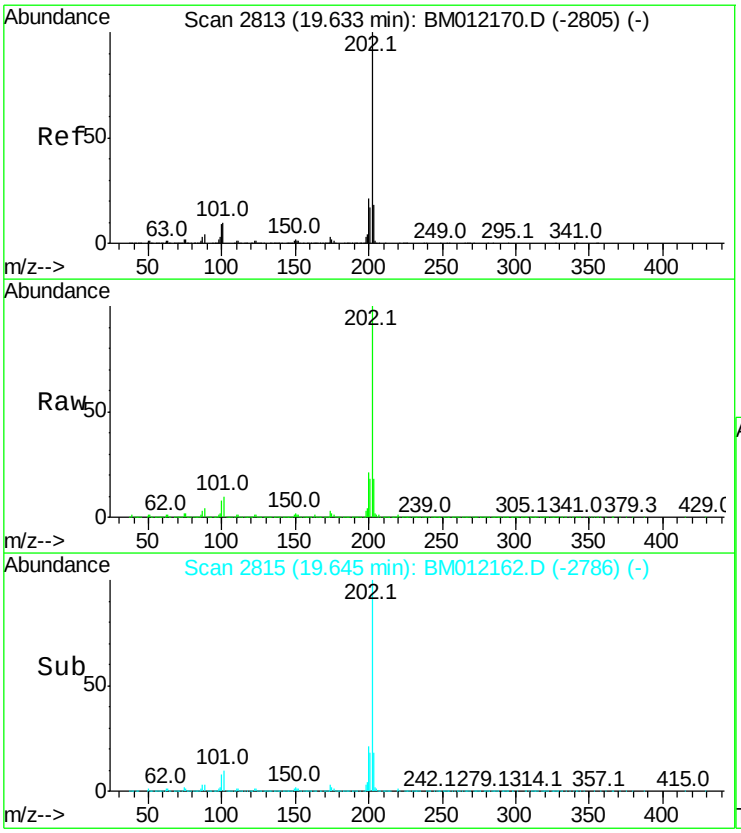
#74
Fluoranthene
Concen: 59.746 ng/ul
RT: 19.28 min Scan# 2753
Delta R.T. -0.03 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3486414

Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	6.7	3.4	5.2#

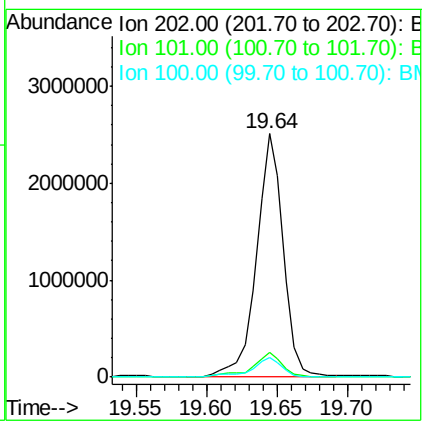


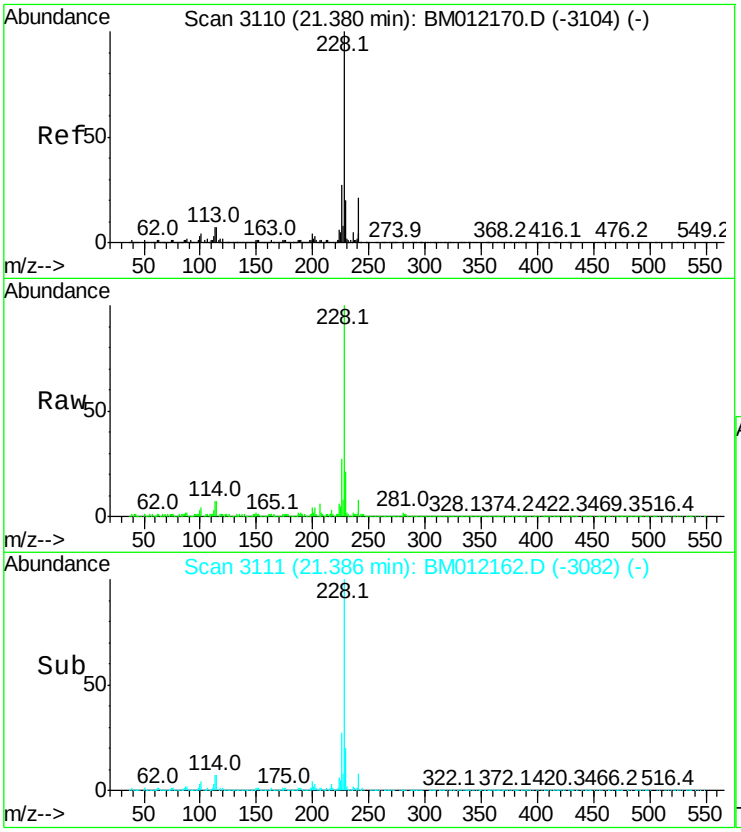


#77
Pyrene
Concen: 54.391 ng/ul
RT: 19.64 min Scan# 2815
Delta R.T. -0.03 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Tgt Ion:202 Resp: 3329776

Ion	Ratio	Lower	Upper
202	100		
101	10.0	5.1	7.7#
100	8.1	4.9	7.3#



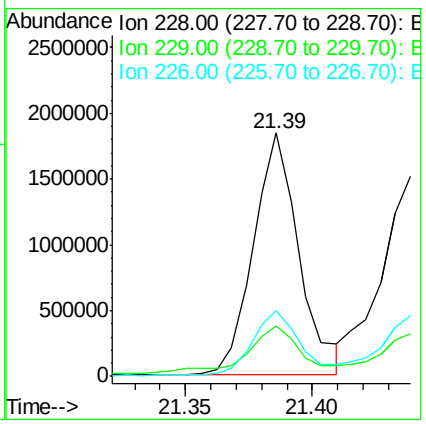


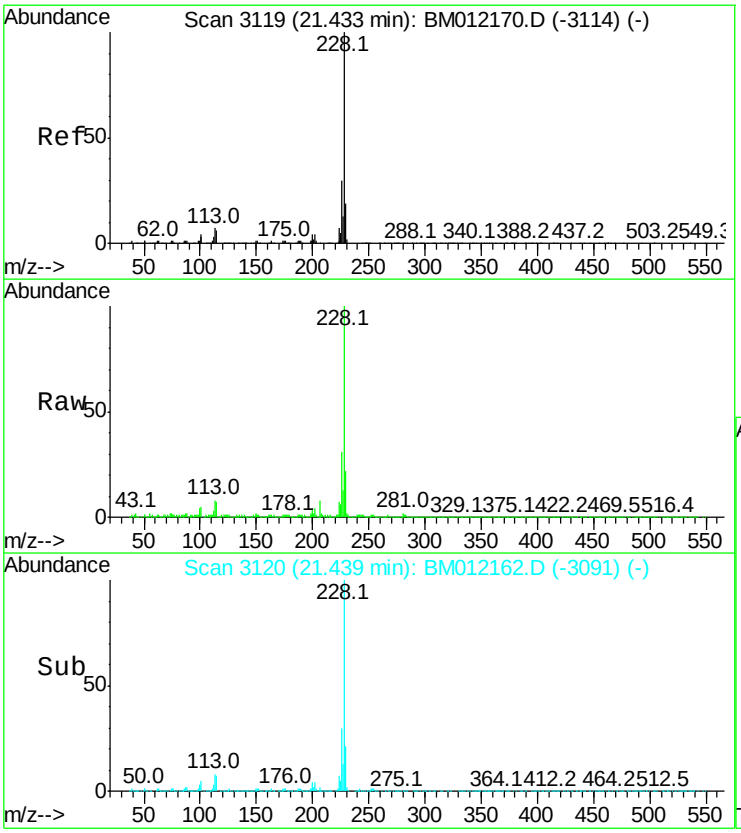
#80
Benzo(a)anthracene
Concen: 38.047 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. -0.03 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2294878

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	27.1	21.4	32.0

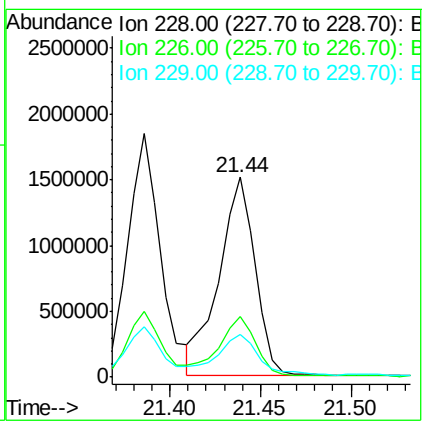


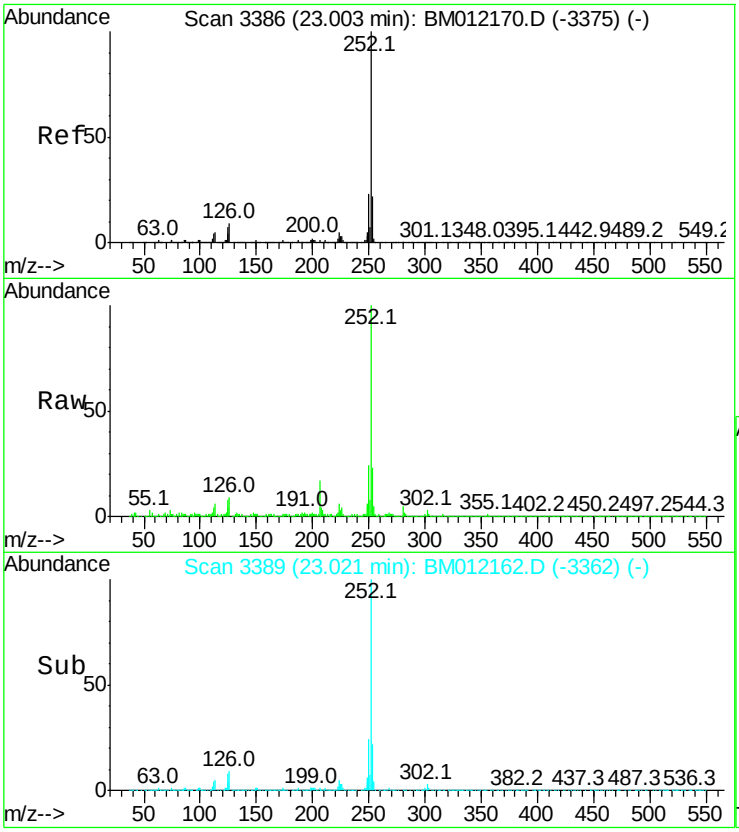


#82
Chrysene
Concen: 36.877 ng/ul
RT: 21.44 min Scan# 3120
Delta R.T. -0.03 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Tgt Ion:228 Resp: 2088351

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	21.6	15.5	23.3



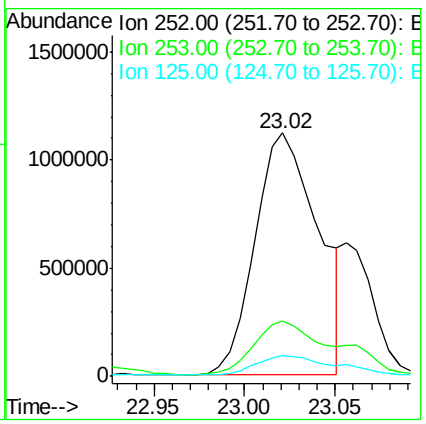


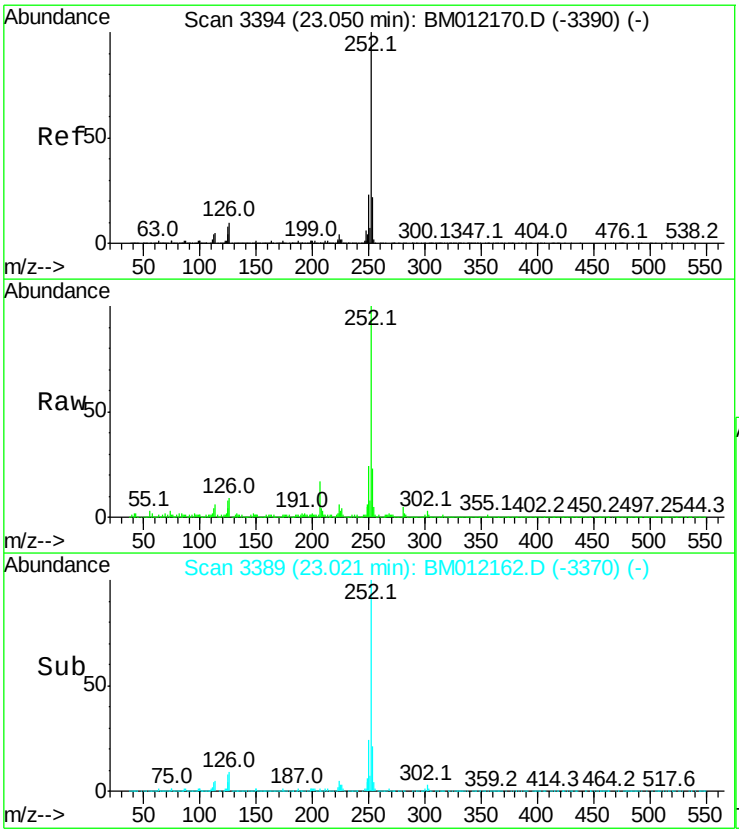
#85
Benzo(b)fluoranthene
Concen: 41.207 ng/ul
RT: 23.02 min Scan# 3389
Delta R.T. -0.04 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2708711

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	8.4	3.6	5.4#

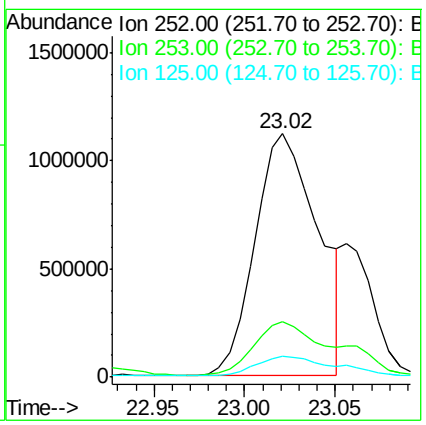


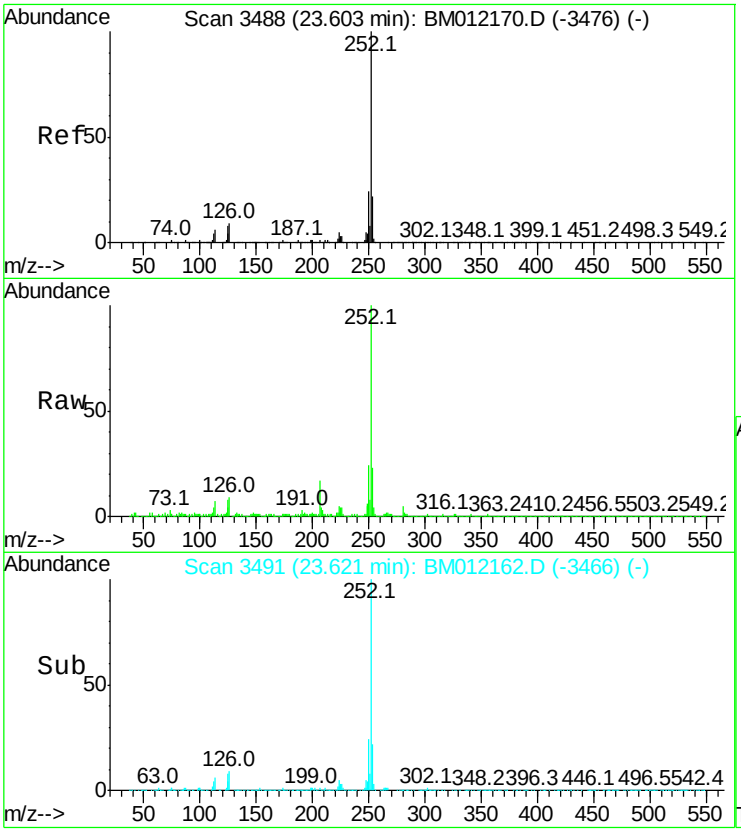


#86
Benzo(k)fluoranthene
Concen: 42.760 ng/ul
RT: 23.02 min Scan# 3389
Delta R.T. -0.09 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Tgt Ion:252 Resp: 2708711

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	8.4	3.4	5.2#



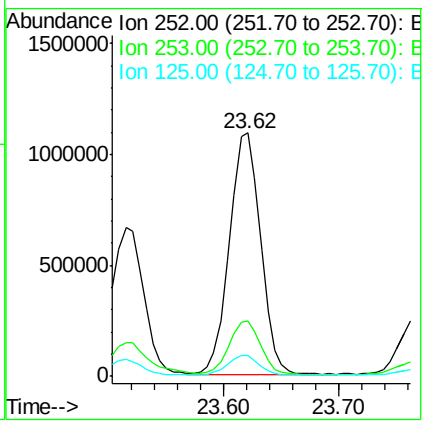


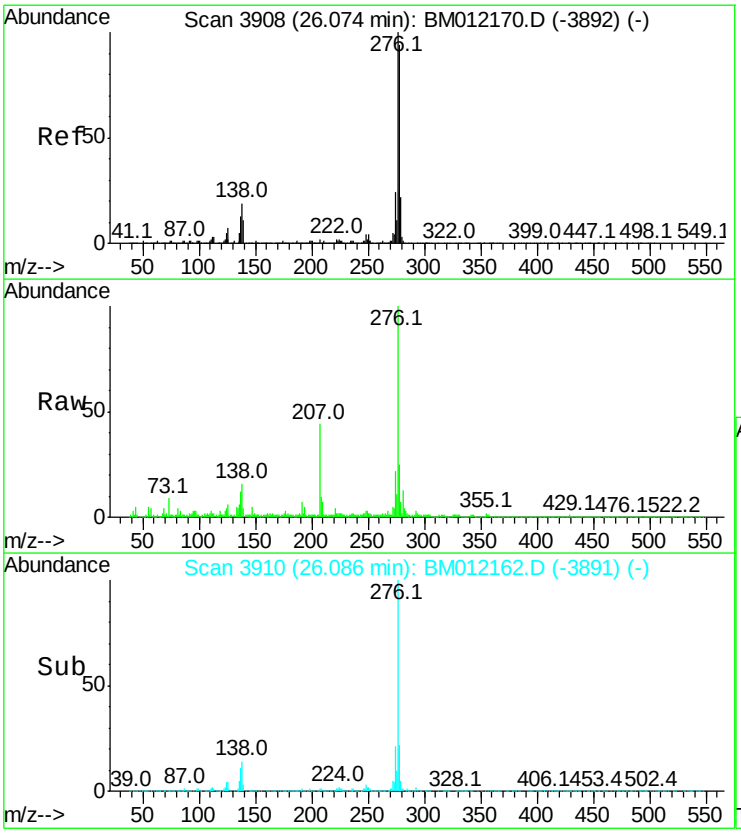
#88
Benzo(a)pyrene
Concen: 32.736 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. -0.05 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2028173

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	8.4	4.0	6.0#

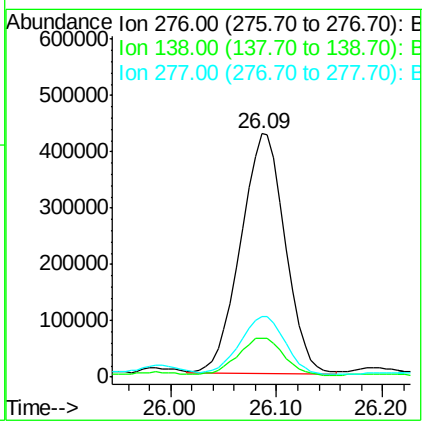


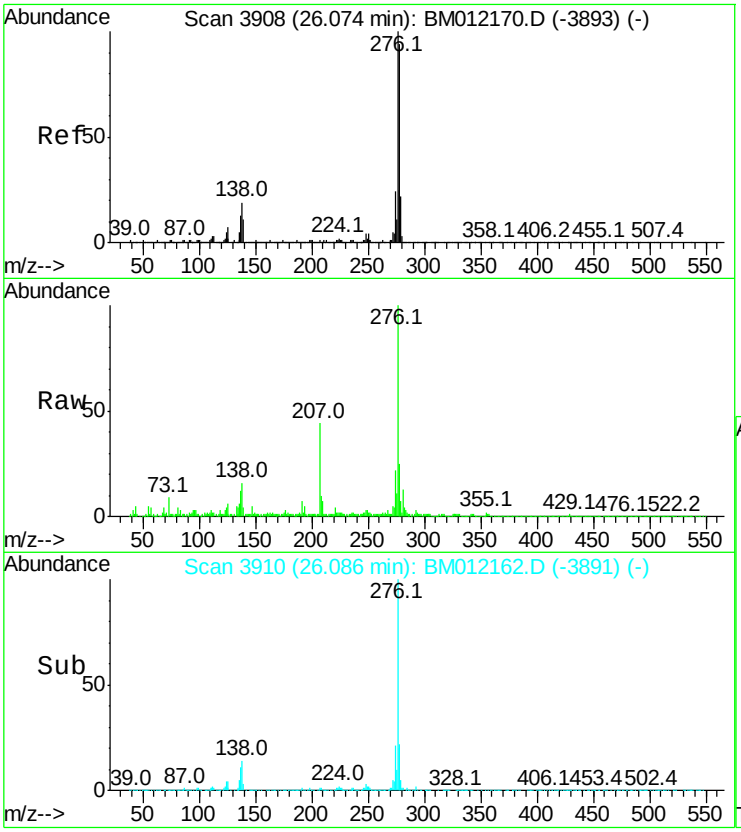


#89
Indeno(1,2,3-cd)pyrene
Concen: 18.917 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.09 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Tgt Ion:276 Resp: 1244625

Ion	Ratio	Lower	Upper
276	100		
138	15.7	9.3	13.9#
277	25.1	19.9	29.9



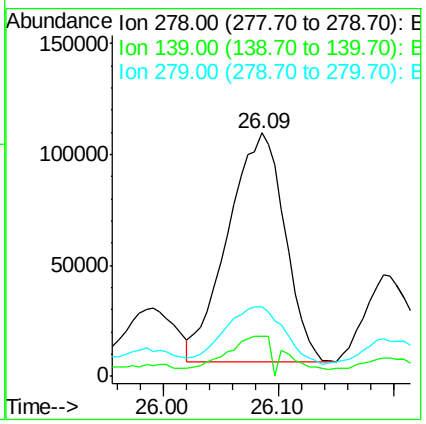


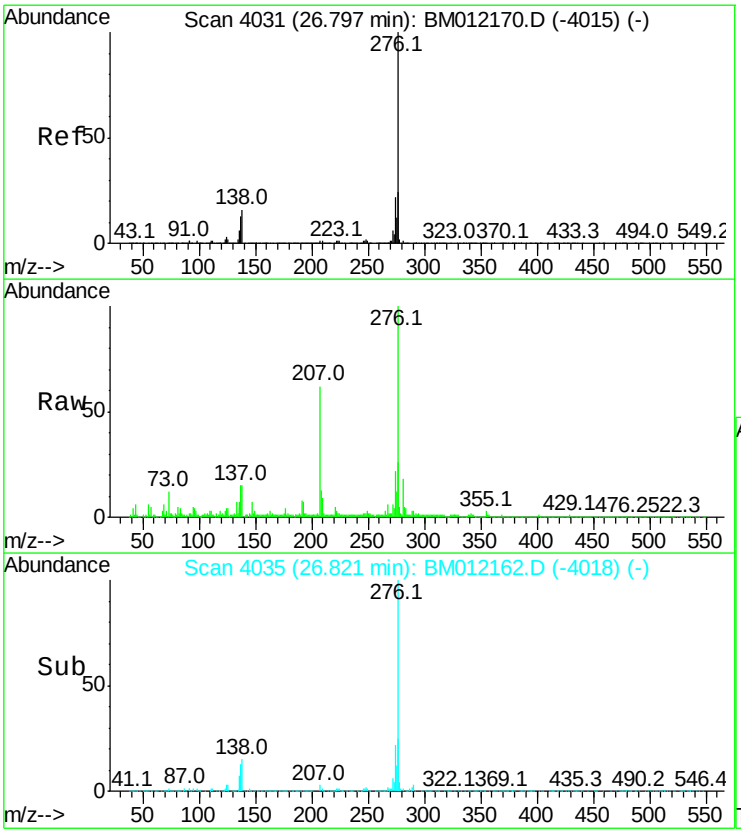
#90
Dibenzo(a,h)anthracene
Concen: 6.376 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.09 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 352619

Ion	Ratio	Lower	Upper
278	100		
139	16.2	5.8	8.8#
279	28.4	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 19.195 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. -0.10 min
Lab File: BM012162.D
Acq: 14 Oct 2017 08:04

Tgt Ion:276 Resp: 1034336

Ion	Ratio	Lower	Upper
276	100		
138	15.4	8.5	12.7#
277	25.6	18.6	28.0