Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

Quant Time: Nov 24 06:57:20 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:29:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	97641	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	418432	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	326576	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	300687	20.00	ng/ul	0.10
75) Chrysene-d12	21.91	240	875540	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	911260	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	1104	0.54	ng/uL	0.00
5) Phenol-d5	7.39	99	37470	4.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	21146	3.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	25933	4.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	37393	4.81	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	15184	4.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	19773	5.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	46692	6.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	33102	3.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	202555	8.44	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	213217	8.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	31530	7.46	ng/ul	0.00
57) Fluorene-d10	15.85	176	192522	8.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	104	0.05	ng/ul	0.11
70) Anthracene-d10	17.71	188	300687	21.98	ng/ul	0.00
76) Pyrene-d10	19.99	212	376561	9.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	386604	9.54	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	15365	1.65	ng/ul	90
14) Acetophenone	9.08	105	45101	4.00	ng/ul	89
28) Naphthalene	11.12	128	323267	15.82	ng/ul	98
34) 2-Methylnaphthalene	12.71	142	106856	6.42	ng/ul	96
40) 1,1'-Biphenyl	13.70	154	55114	2.62	ng/ul#	90
44) Dimethylphthalate	14.30	163	28038	1.19	ng/ul#	95
49) Acenaphthene	14.93	153	700060	39.84	ng/ul	97
53) Dibenzofuran	15.26	168	644101	23.63	ng/ul	95
58) Fluorene	15.91	166	729489	32.62	ng/ul	97
60) 4-Nitroaniline	15.91	138	8498	1.70	ng/ul#	1
69) Phenanthrene	17.75	178	2083069	134.68	ng/ul	96
71) Anthracene	17.75	178	2008440	126.18	ng/ul	95
72) Carbazole	18.02	167	1064645	80.92	ng/ul	97
74) Fluoranthene	19.75	202	35628	2.00	ng/ul#	85
77) Pyrene	20.02	202	5744680	126.60	ng/ul#	74
80) Benzo(a)anthracene	21.89	228	4416872	91.81	ng/ul#	82
82) Chrysene	21.97	228	3870560	85.32	ng/ul#	83
85) Benzo(b)fluoranthene	24.26	252	5058592	104.08	ng/ul#	91
86) Benzo(k)fluoranthene	24.31	252	1655511	35.59	ng/ul#	95
88) Benzo(a)pyrene	25.18	252	3805025	80.54	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.29	276	2761415	47.66	ng/ul	94
90) Dibenzo(a,h)anthracene	29.33	278	747178	15.46	ng/ul	96
91) Benzo(g,h,i)perylene	30.53	276	2259147	47.37	ng/ul	95

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WD5

Quant Time: Nov 24 06:57:20 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:29:39 2016
Response via : Initial Calibration

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

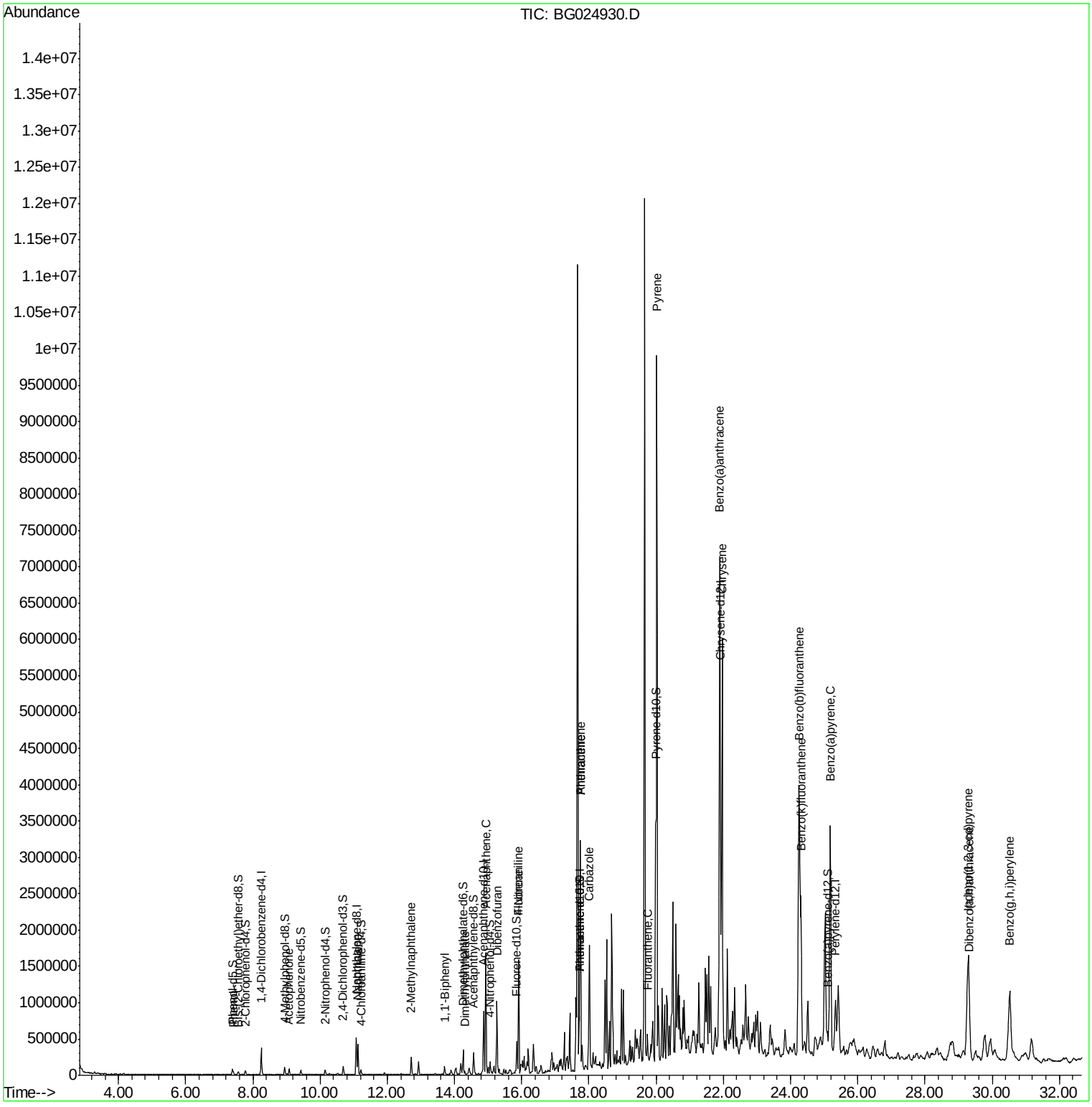
(#) = qualifier out of range (m) = manual integration (+) = signals summed

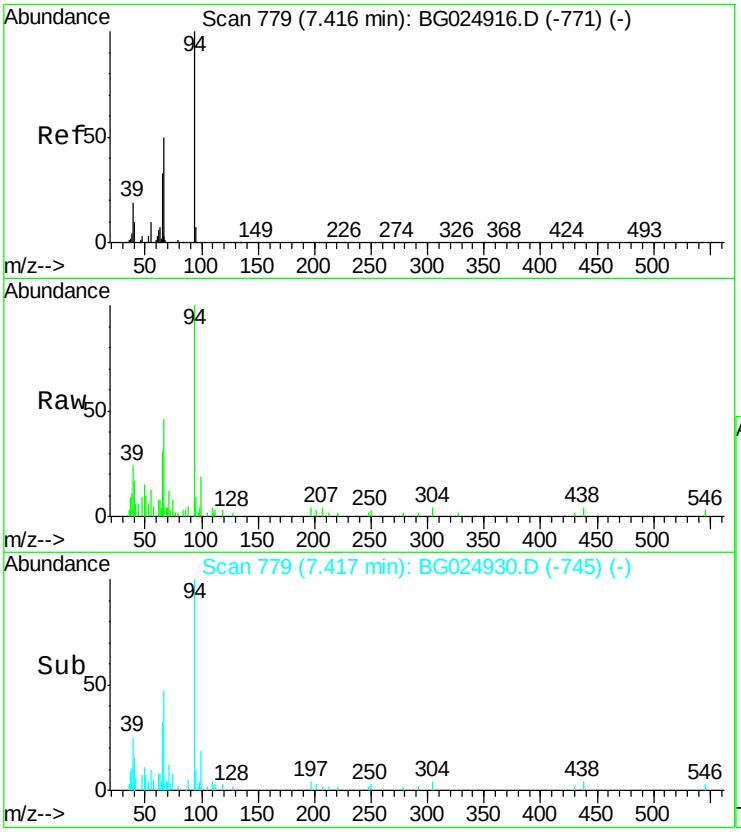
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WD5

Quant Time: Nov 24 06:57:20 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:29:39 2016
Response via : Initial Calibration



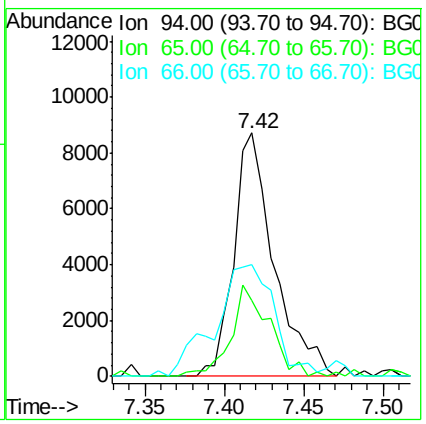


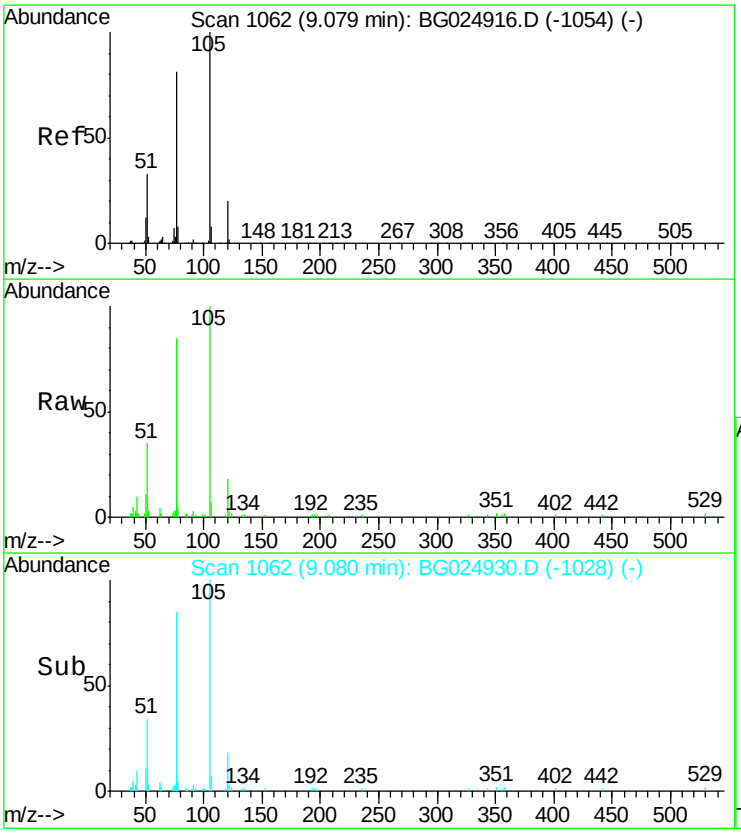
#6
Phenol
Concen: 1.65 ng/ul
RT: 7.42 min Scan# 779
Delta R.T. 0.00 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Instrument :
BNA_G
ClientSampleId :
A4WD5

Tgt Ion: 94 Resp: 15365

Ion	Ratio	Lower	Upper
94	100		
65	31.3	26.8	40.2
66	45.7	44.4	66.6

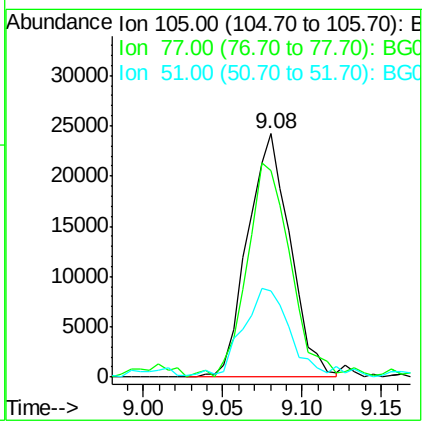


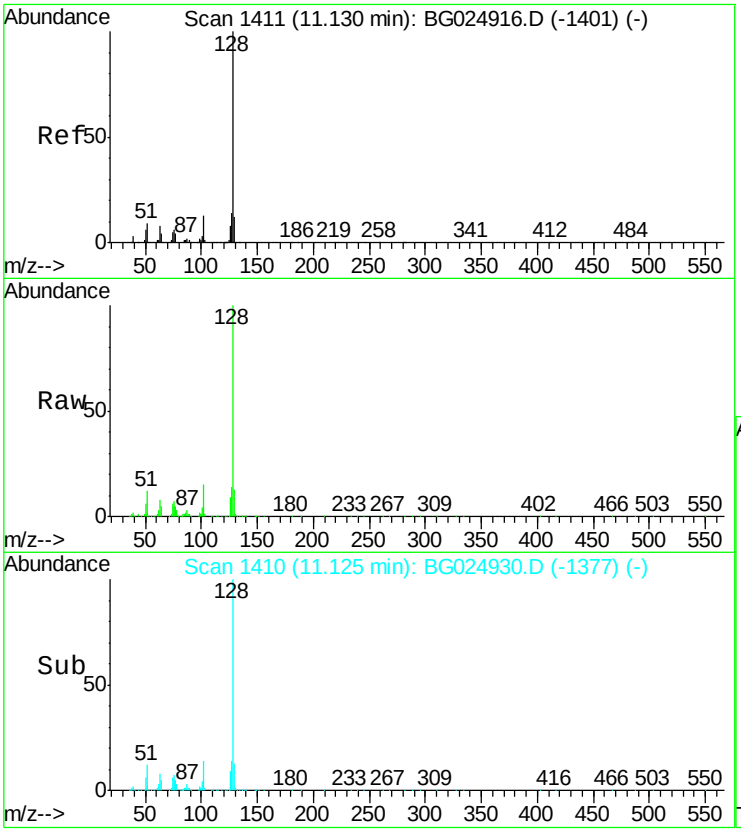


#14
Acetophenone
Concen: 4.00 ng/ul
RT: 9.08 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Tgt Ion:105 Resp: 45101

Ion	Ratio	Lower	Upper
105	100		
77	84.6	76.0	114.0
51	35.3	34.8	52.2



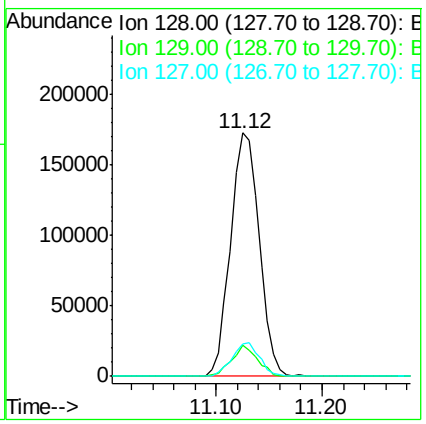


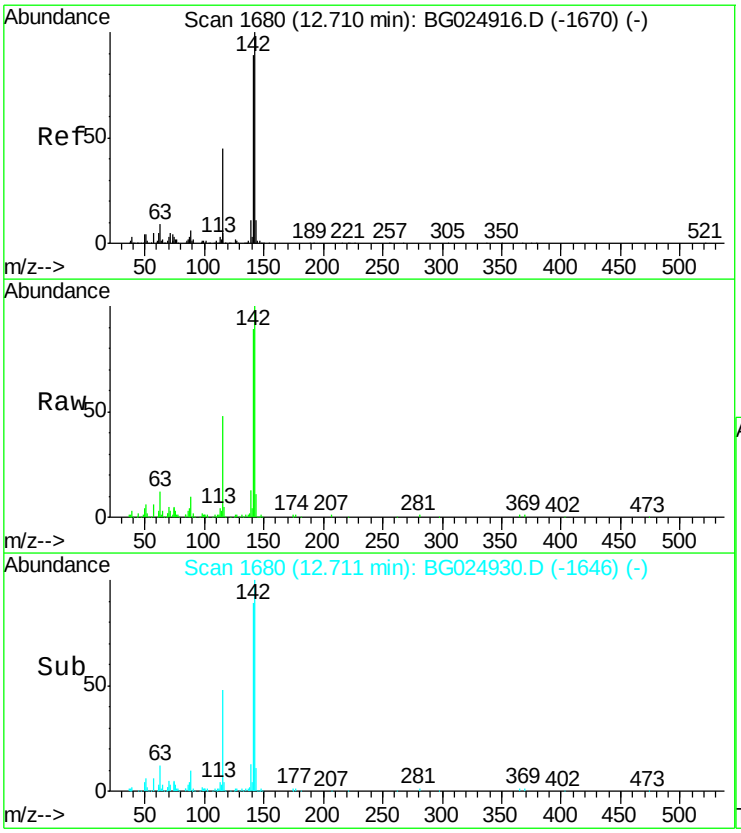
#28
Naphthalene
Concen: 15.82 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Instrument :
BNA_G
ClientSampleId :
A4WD5

Tgt Ion:128 Resp: 323267

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.4	14.2
127	13.5	10.3	15.5

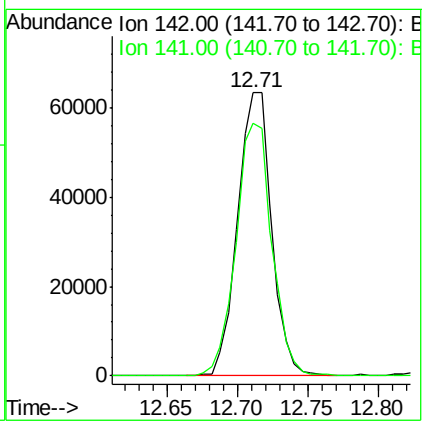


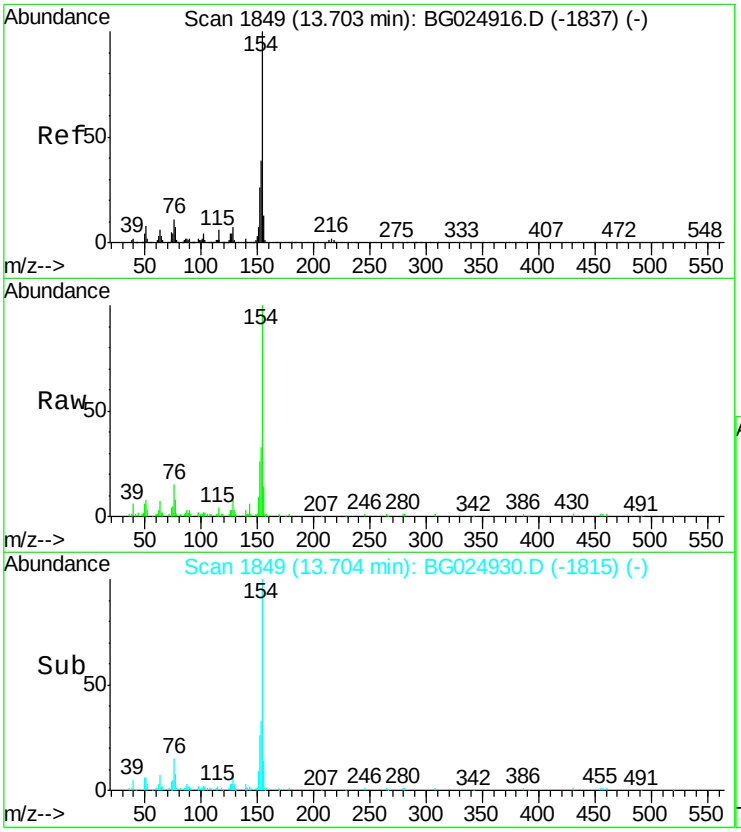


#34
2-Methylnaphthalene
Concen: 6.42 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Tgt Ion:142 Resp: 106856

Ion	Ratio	Lower	Upper
142	100		
141	89.3	68.6	102.8



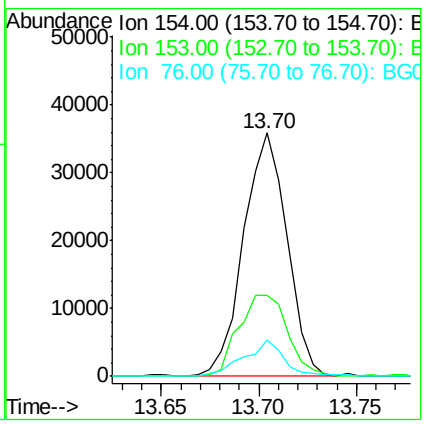


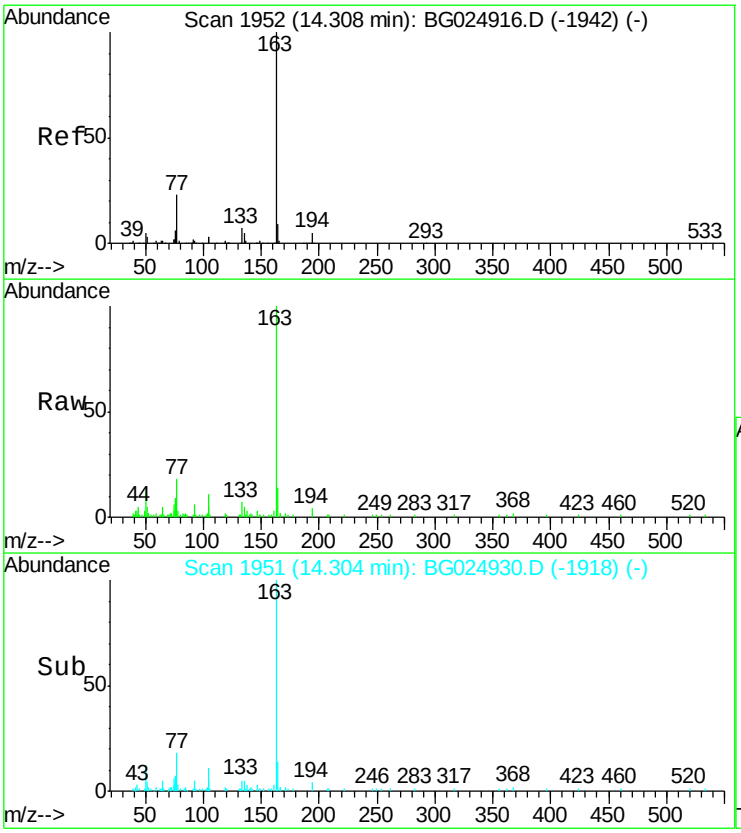
#40
1,1'-Biphenyl
Concen: 2.62 ng/ul
RT: 13.70 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Instrument :
BNA_G
ClientSampleId :
A4WD5

Tgt Ion:154 Resp: 55114

Ion	Ratio	Lower	Upper
154	100		
153	33.4	32.2	48.2
76	15.1	9.6	14.4#

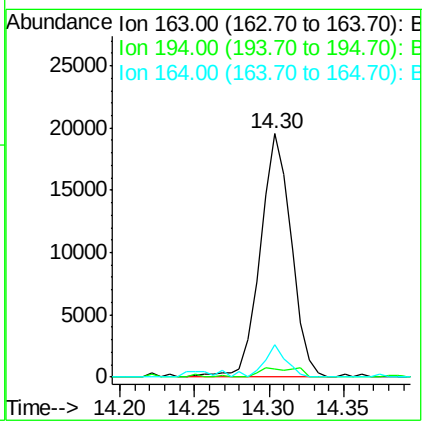


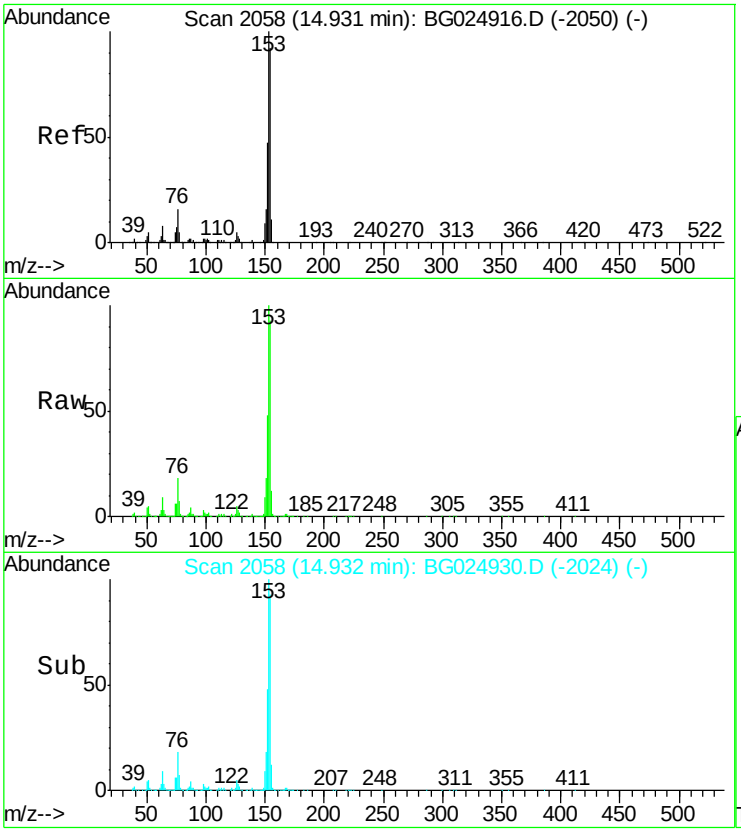


#44
Dimethylphthalate
Concen: 1.19 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Tgt Ion:163 Resp: 28038

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	13.5	9.0	13.4#



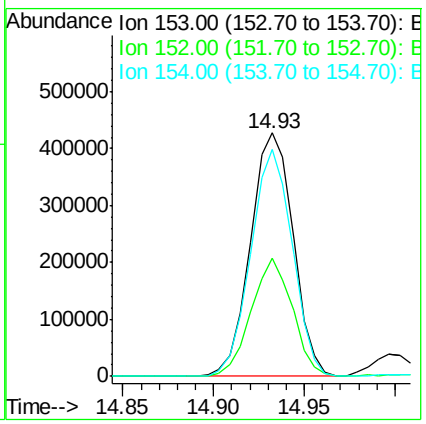


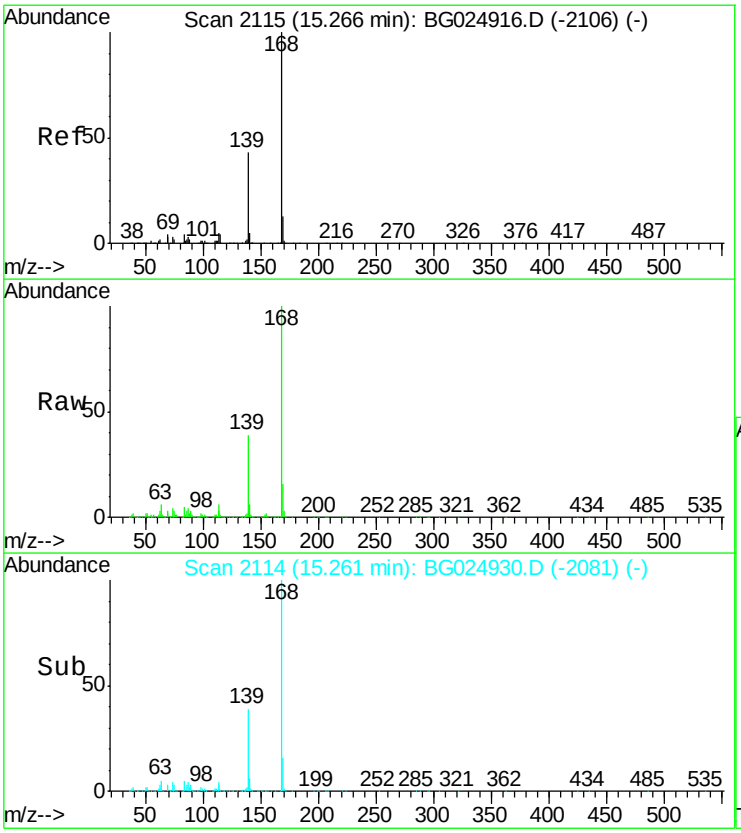
#49
Acenaphthene
Concen: 39.84 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Instrument :
BNA_G
ClientSampleId :
A4WD5

Tgt Ion:153 Resp: 700060

Ion	Ratio	Lower	Upper
153	100		
152	48.3	36.5	54.7
154	93.3	72.3	108.5

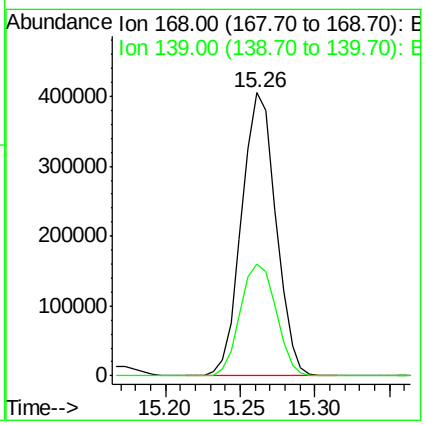


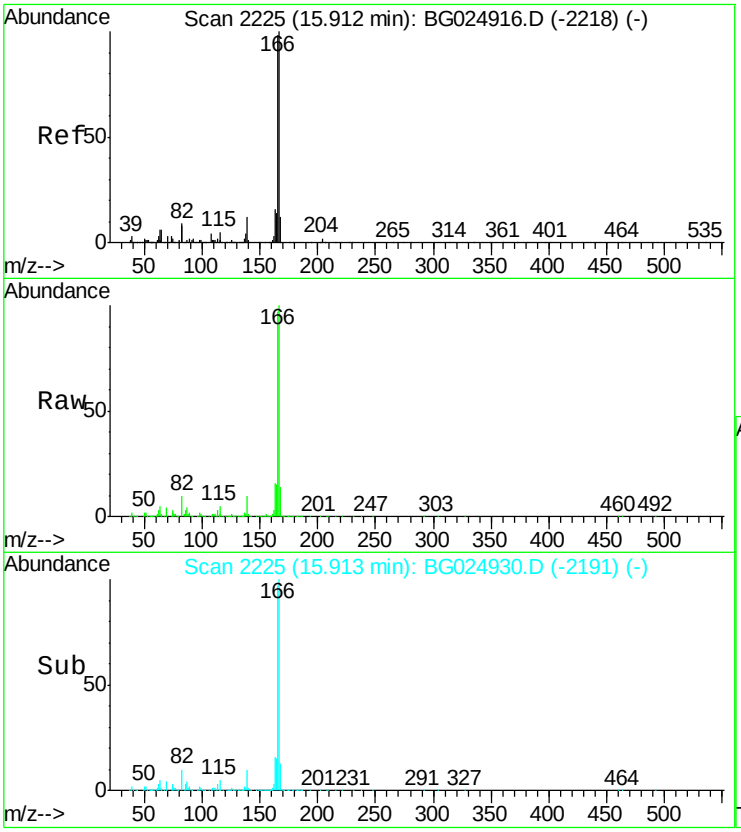


#53
Dibenzofuran
Concen: 23.63 ng/ul
RT: 15.26 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Tgt Ion:168 Resp: 644101

Ion	Ratio	Lower	Upper
168	100		
139	39.4	33.8	50.8



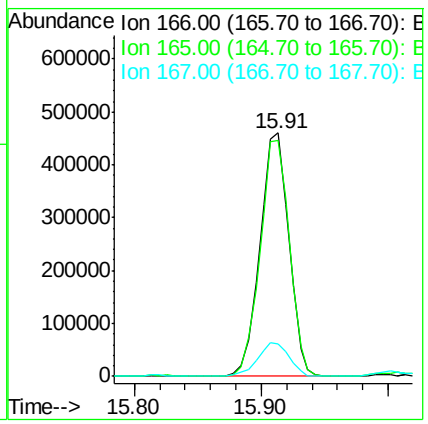


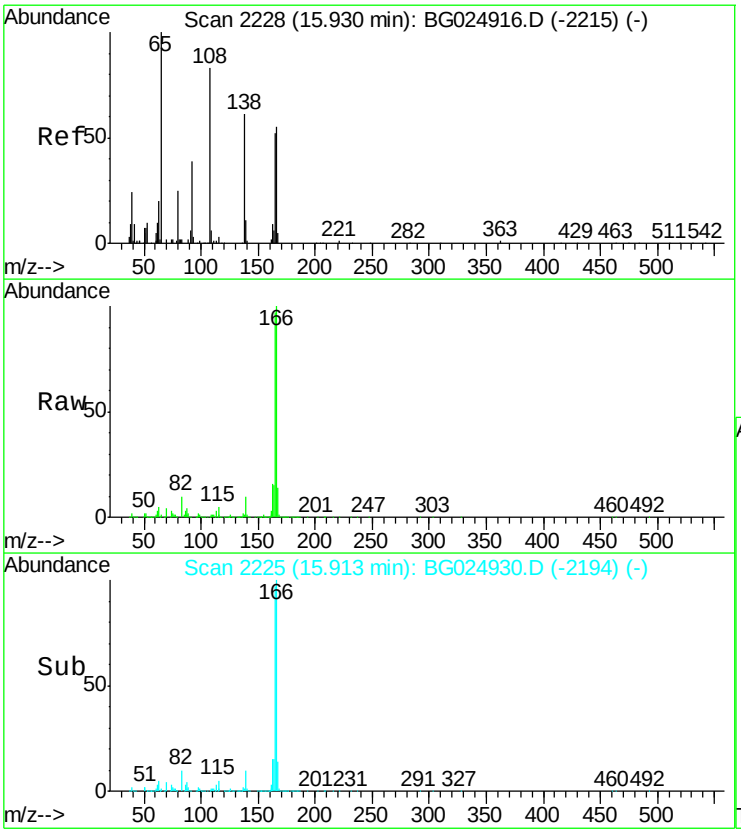
#58
Fluorene
Concen: 32.62 ng/ul
RT: 15.91 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Instrument :
BNA_G
ClientSampleId :
A4WD5

Tgt Ion:166 Resp: 729489

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.7	119.5
167	13.6	11.4	17.2

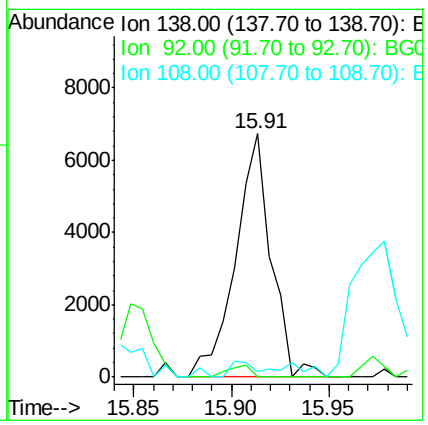


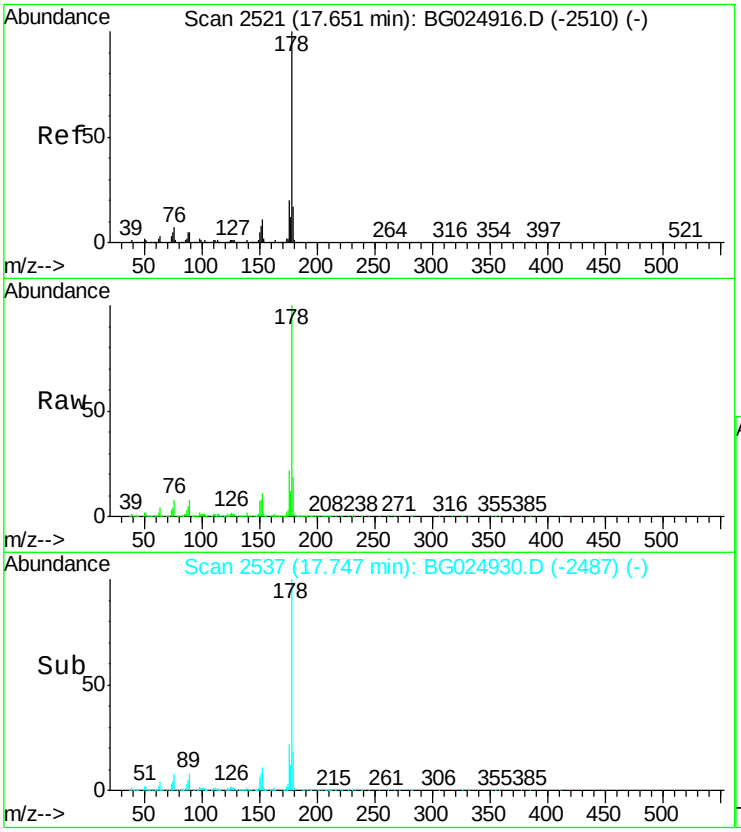


#60
4-Nitroaniline
Concen: 1.70 ng/ul
RT: 15.91 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Tgt Ion:138 Resp: 8498

Ion	Ratio	Lower	Upper
138	100		
92	0.0	56.9	85.3#
108	2.5	104.9	157.3#



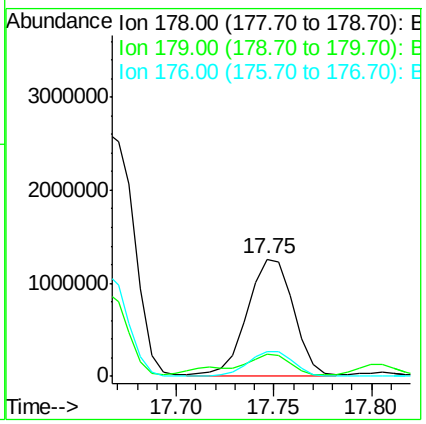


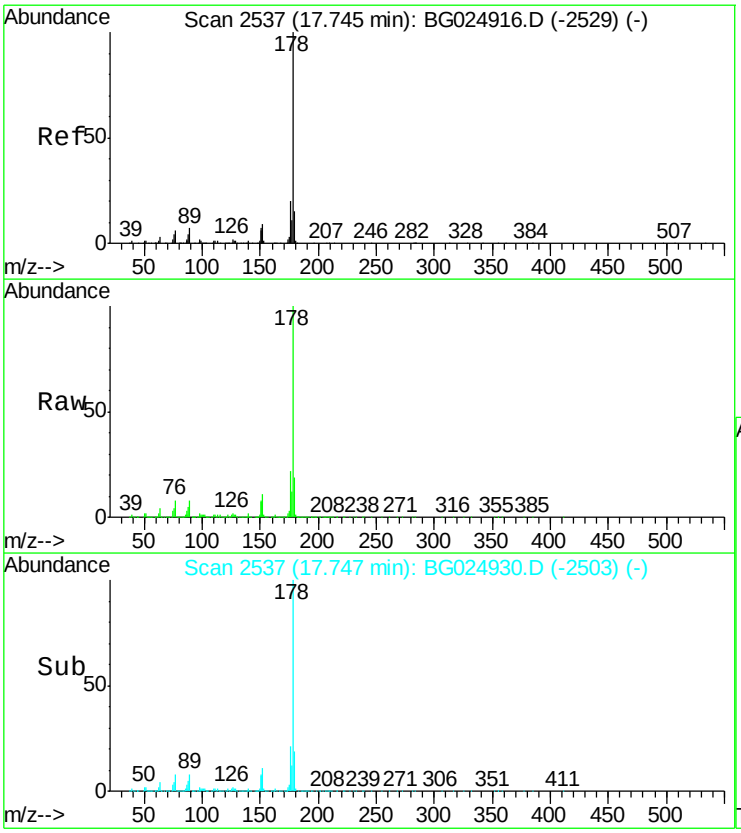
#69
Phenanthrene
Concen: 134.68 ng/ul
RT: 17.75 min Scan# 2537
Delta R.T. 0.10 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Instrument :
BNA_G
ClientSampleId :
A4WD5

Tgt Ion:178 Resp: 2083069

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.4	18.6
176	21.5	16.5	24.7

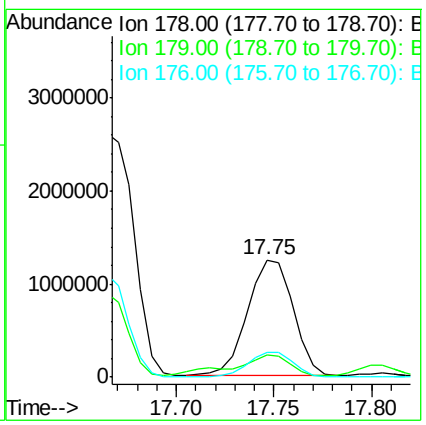


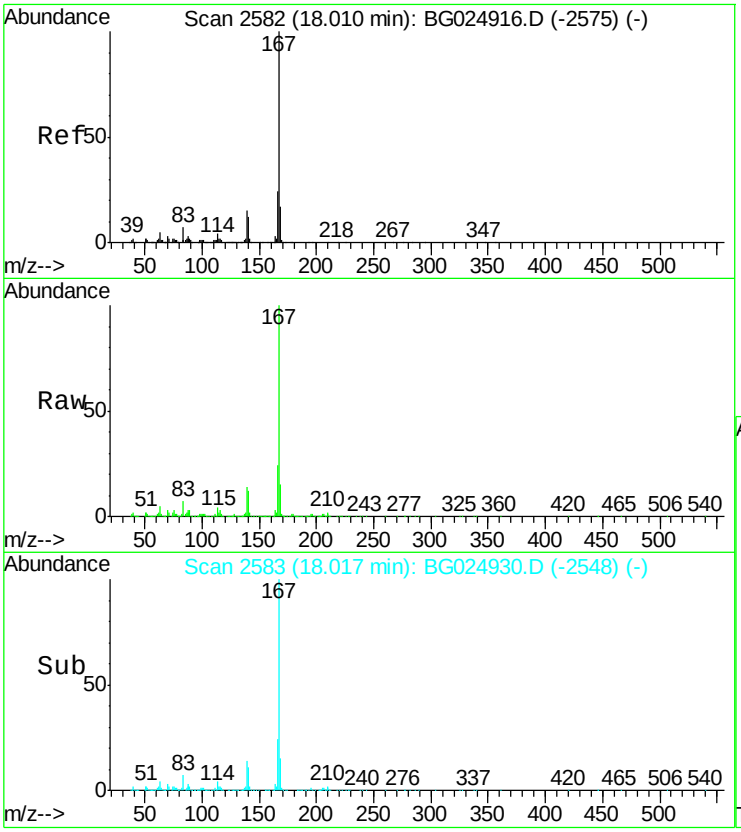


#71
Anthracene
Concen: 126.18 ng/ul
RT: 17.75 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Tgt Ion:178 Resp: 2008440

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.6	19.0
176	21.5	15.9	23.9



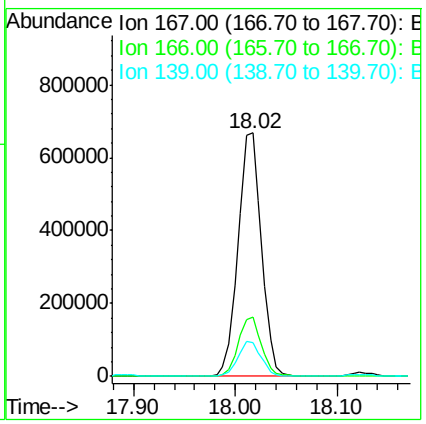


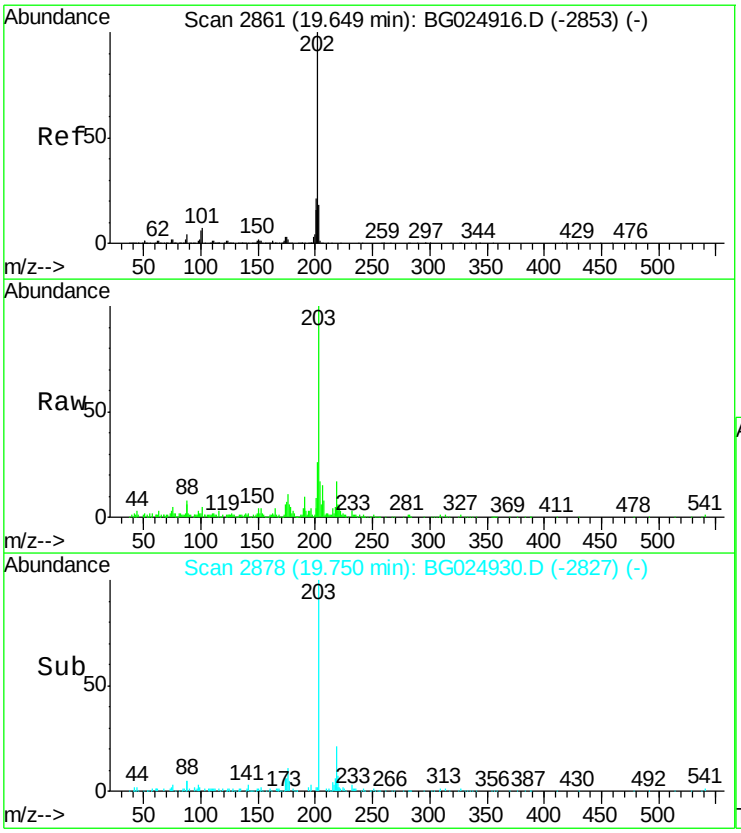
#72
Carbazole
Concen: 80.92 ng/ul
RT: 18.02 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Instrument :
BNA_G
ClientSampleId :
A4WD5

Tgt Ion:167 Resp: 1064645

Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.9	26.9
139	13.8	10.5	15.7

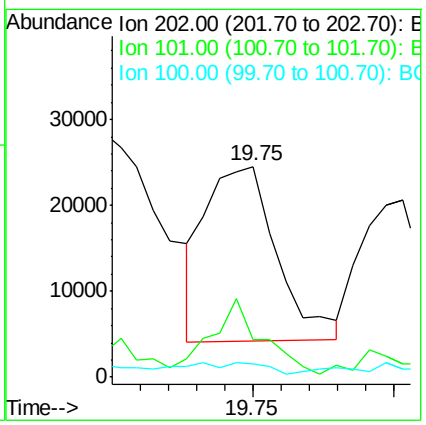


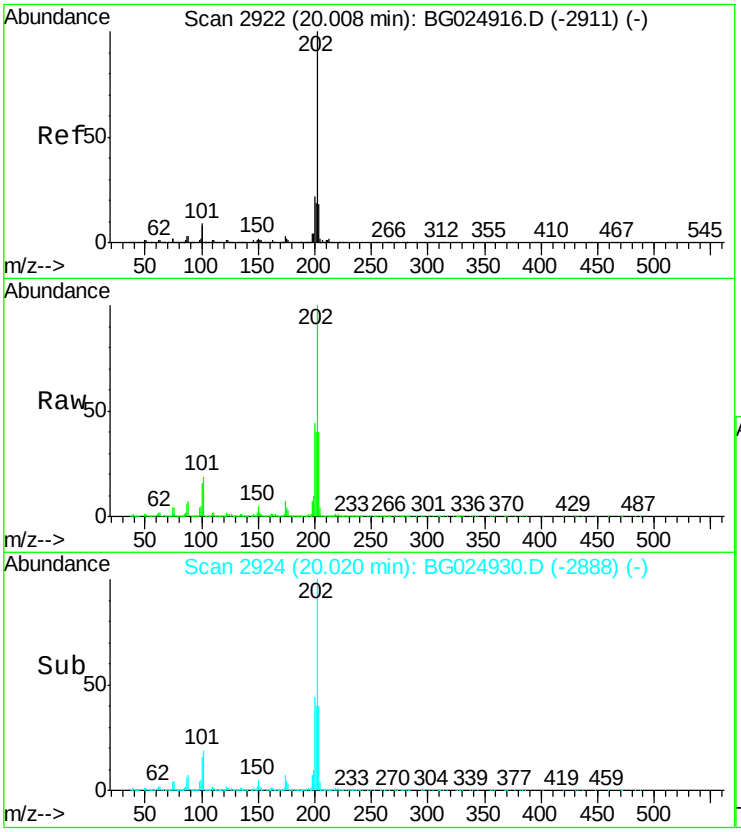


#74
Fluoranthene
Concen: 2.00 ng/ul
RT: 19.75 min Scan# 2878
Delta R.T. 0.10 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Tgt Ion:202 Resp: 35628

Ion	Ratio	Lower	Upper
202	100		
101	17.6	6.2	9.2#
100	6.5	5.2	7.8



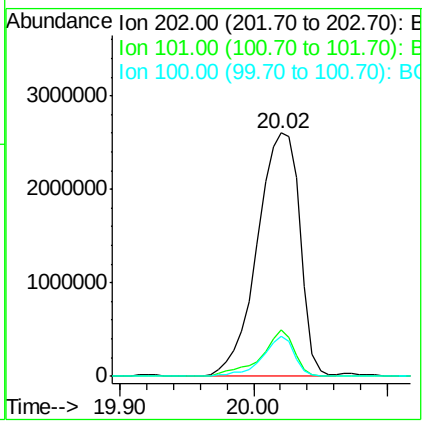


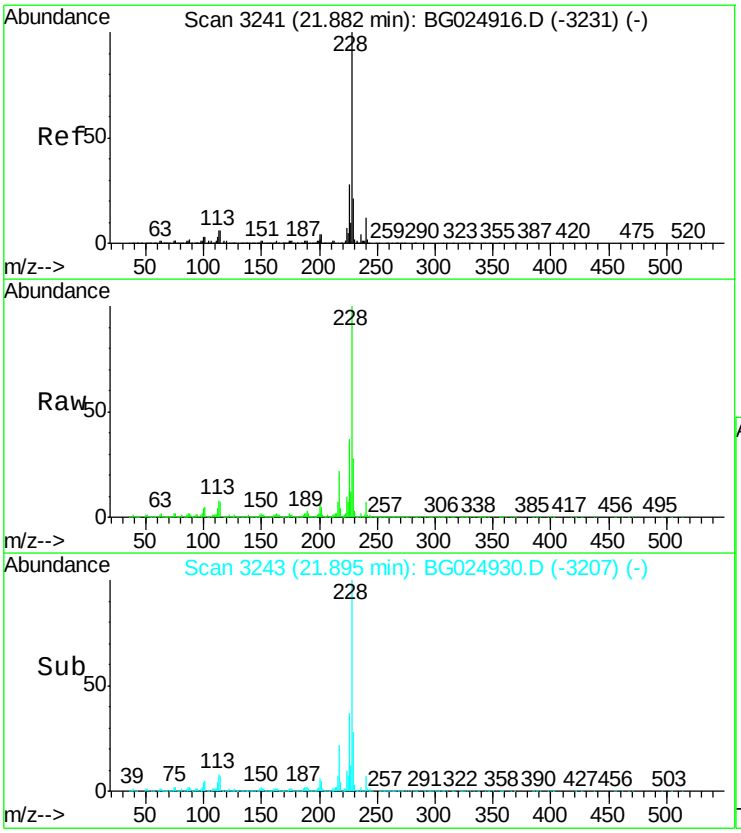
#77
Pyrene
Concen: 126.60 ng/ul
RT: 20.02 min Scan# 2924
Delta R.T. 0.01 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Instrument :
BNA_G
ClientSampleId :
A4WD5

Tgt Ion:202 Resp: 5744680

Ion	Ratio	Lower	Upper
202	100		
101	19.1	6.9	10.3#
100	16.4	6.6	10.0#

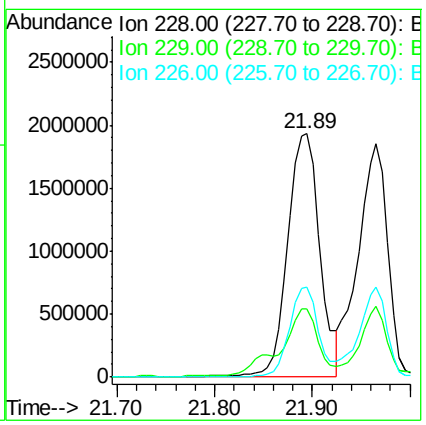


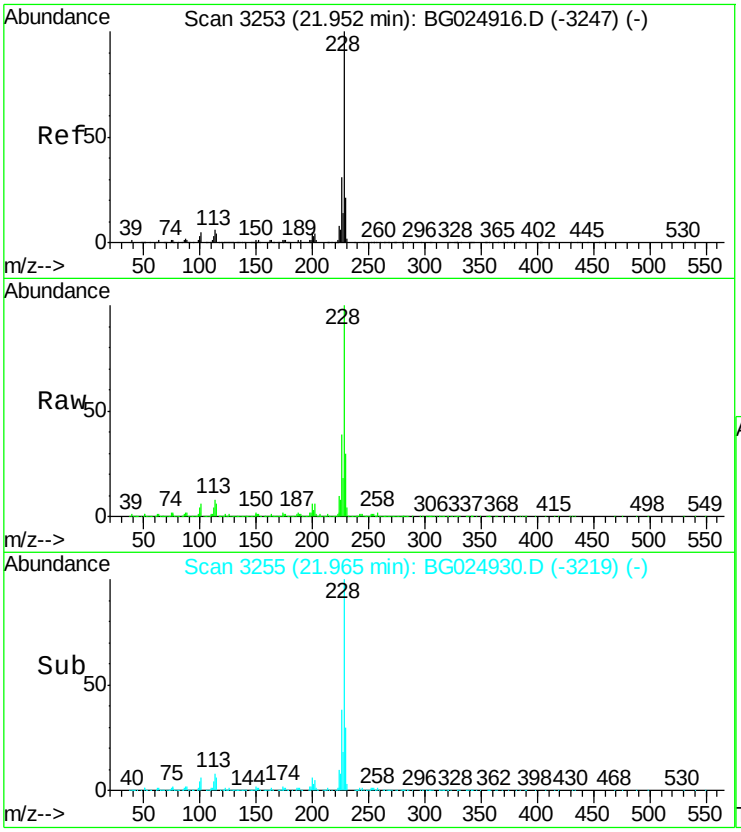


#80
Benzo(a)anthracene
Concen: 91.81 ng/ul
RT: 21.89 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Tgt Ion:228 Resp: 4416872

Ion	Ratio	Lower	Upper
228	100		
229	28.1	16.3	24.5#
226	37.0	21.9	32.9#



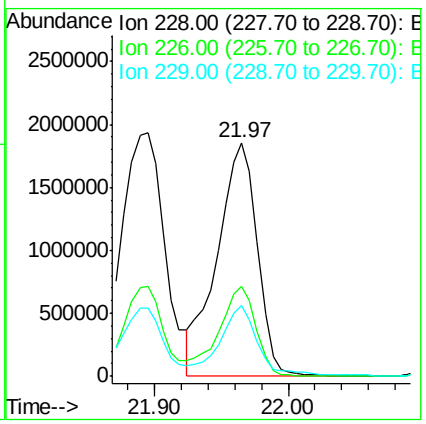


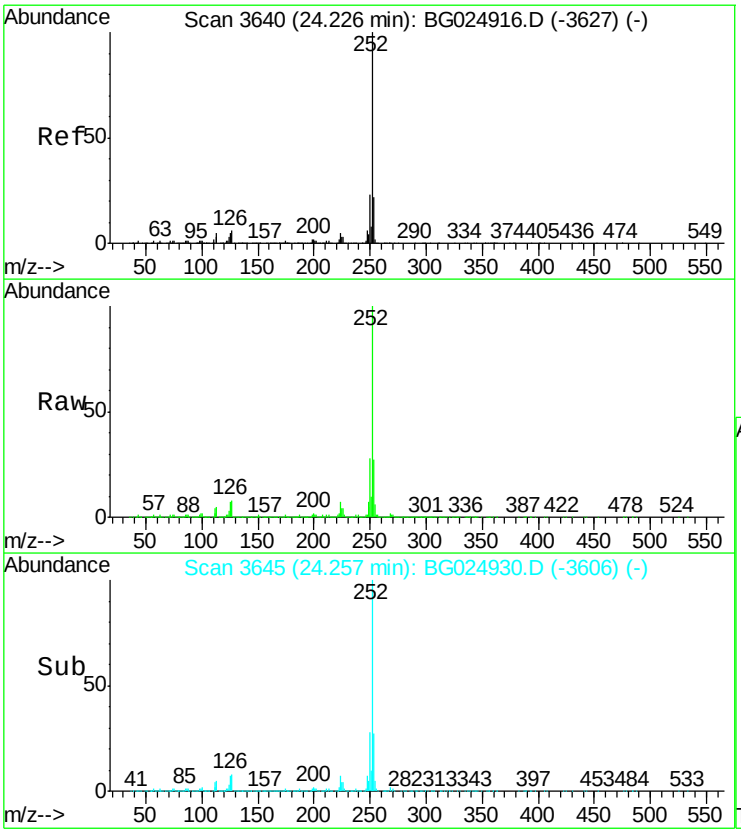
#82
Chrysene
Concen: 85.32 ng/ul
RT: 21.97 min Scan# 3255
Delta R.T. 0.01 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Instrument :
BNA_G
ClientSampleId :
A4WD5

Tgt Ion:228 Resp: 3870560

Ion	Ratio	Lower	Upper
228	100		
226	38.5	24.0	36.0#
229	30.1	16.9	25.3#

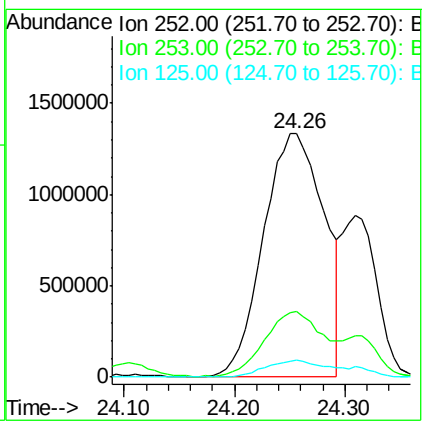


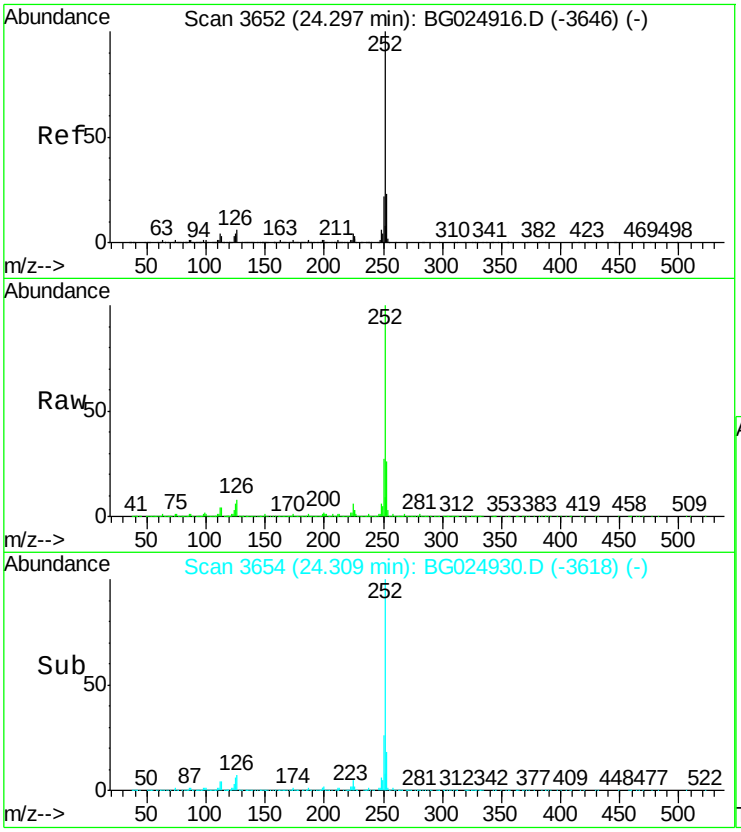


#85
Benzo(b)fluoranthene
Concen: 104.08 ng/ul
RT: 24.26 min Scan# 3645
Delta R.T. 0.03 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Tgt Ion:252 Resp: 5058592

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.7	26.5#
125	6.9	4.0	6.0#



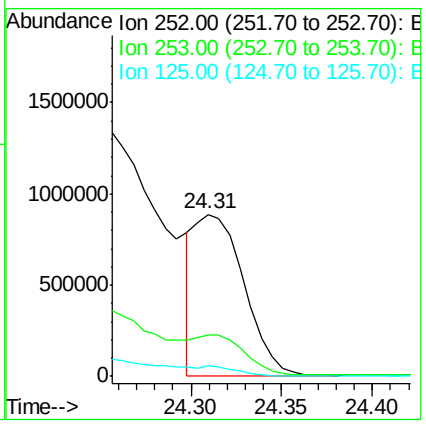


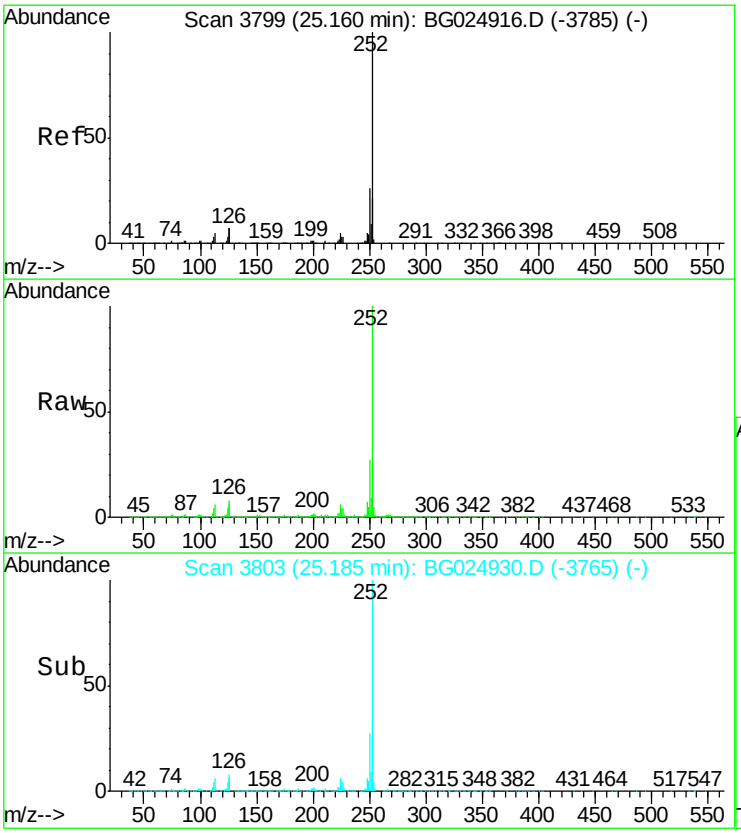
#86
Benzo(k)fluoranthene
Concen: 35.59 ng/ul
RT: 24.31 min Scan# 3654
Delta R.T. 0.01 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Instrument :
BNA_G
ClientSampleId :
A4WD5

Tgt Ion:252 Resp: 1655511

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.5	27.7
125	6.2	4.1	6.1#

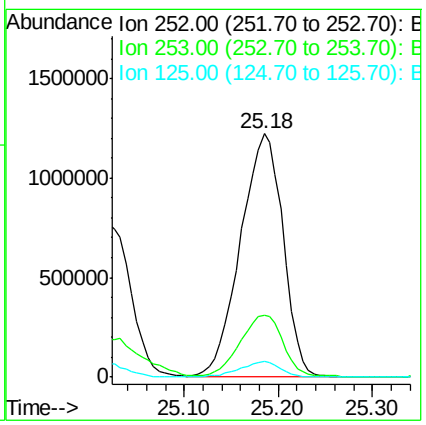


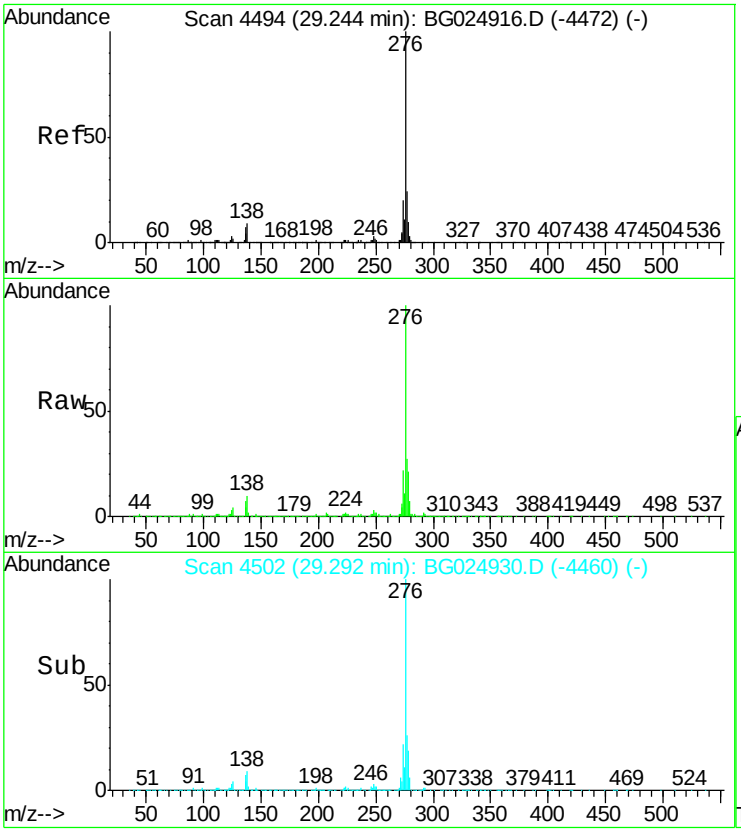


#88
Benzo(a)pyrene
Concen: 80.54 ng/ul
RT: 25.18 min Scan# 3803
Delta R.T. 0.02 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Tgt Ion:252 Resp: 3805025

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	6.4	5.4	8.0



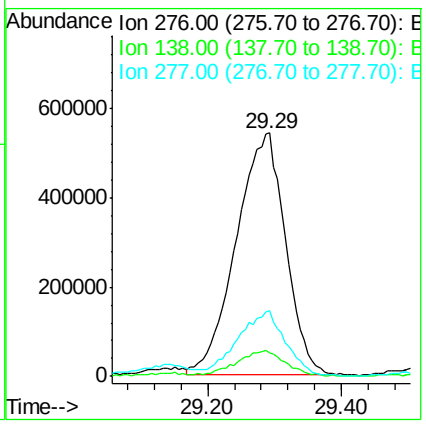


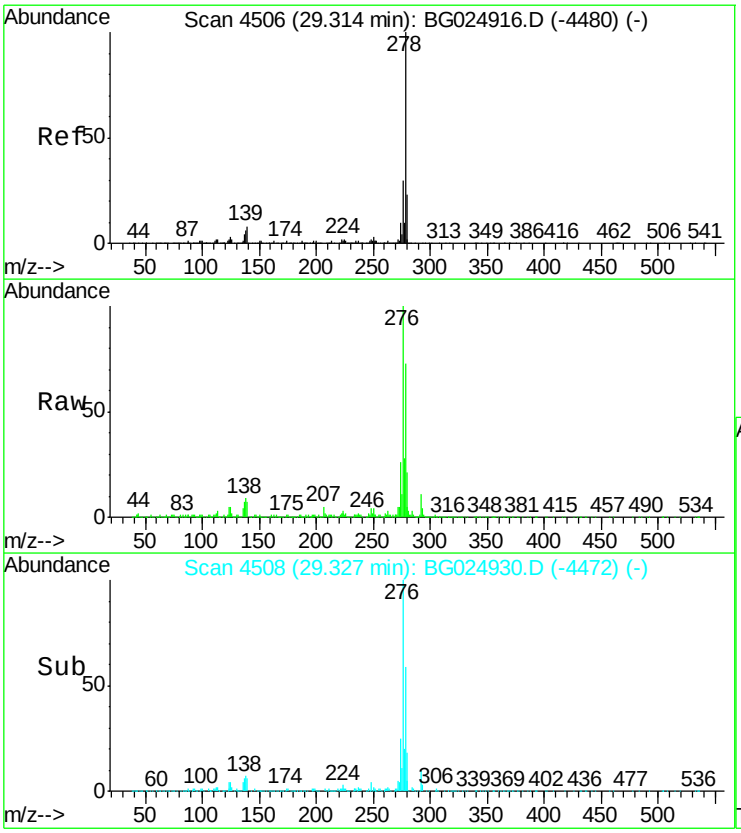
#89
Indeno(1,2,3-cd)pyrene
Concen: 47.66 ng/ul
RT: 29.29 min Scan# 4502
Delta R.T. 0.05 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Instrument :
BNA_G
ClientSampleId :
A4WD5

Tgt Ion:276 Resp: 2761415

Ion	Ratio	Lower	Upper
276	100		
138	9.7	8.2	12.4
277	27.1	18.6	28.0

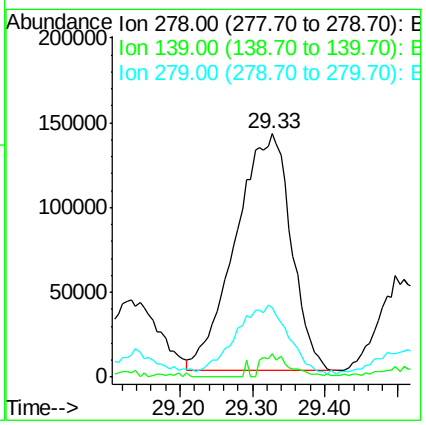


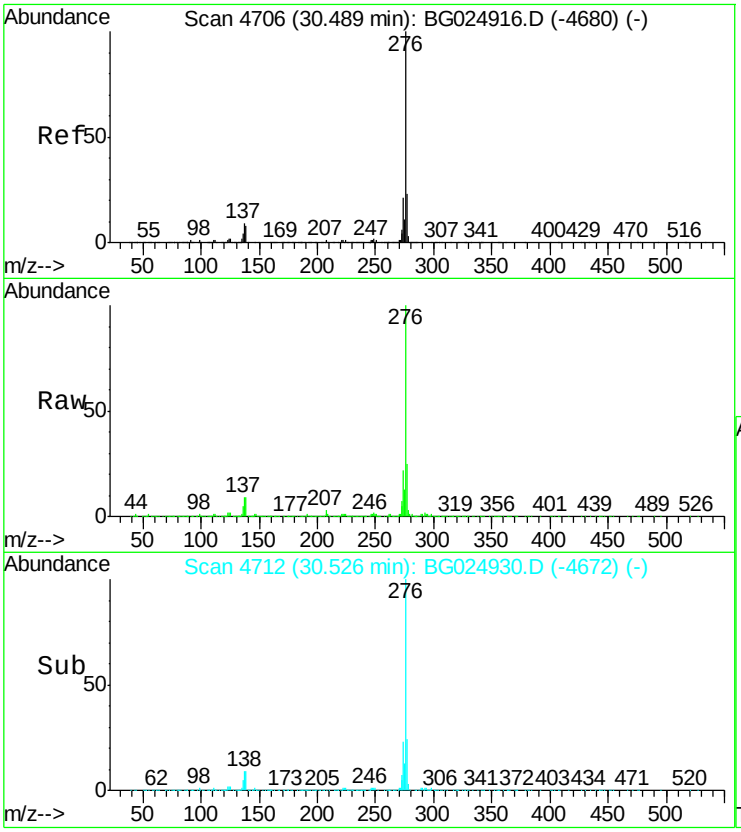


#90
Dibenzo(a,h)anthracene
Concen: 15.46 ng/ul
RT: 29.33 min Scan# 4508
Delta R.T. 0.01 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Tgt Ion:278 Resp: 747178

Ion	Ratio	Lower	Upper
278	100		
139	9.4	6.7	10.1
279	28.4	20.9	31.3





#91
Benzo(g,h,i)perylene
Concen: 47.37 ng/ul
RT: 30.53 min Scan# 4712
Delta R.T. 0.04 min
Lab File: BG024930.D
Acq: 24 Nov 2016 6:15

Instrument :
BNA_G
ClientSampleId :
A4WD5

Tgt Ion:276 Resp: 2259147

Ion	Ratio	Lower	Upper
276	100		
138	9.1	8.6	12.8
277	24.6	17.6	26.4