Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF1

Quant Time: Mar 23 12:13:38 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	99711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	434493	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	243015	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	444148	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	478372	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	480801m	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	197179	22.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	101132	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	151157	21.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	151438	22.49	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	77804	22.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	84310	25.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	136866	22.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	73660	8.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	377065	23.80	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	505245	22.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	70174	18.54	ng/ul	0.00
57) Fluorene-d10	15.42	176	347242	21.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	49172	21.19	ng/ul	0.00
70) Anthracene-d10	17.26	188	476990	23.51	ng/ul	0.00
76) Pyrene-d10	19.55	212	484288	22.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	468135m	22.32	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	6.99	94	10749	1.10	ng/ul#	89
28) Naphthalene	10.63	128	46317	1.97	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	19532	1.18	ng/ul	98
44) Dimethylphthalate	13.88	163	24267	1.35	ng/ul	99
49) Acenaphthene	14.49	153	128162	7.74	ng/ul	99
53) Dibenzofuran	14.82	168	161401	7.22	ng/ul	98
58) Fluorene	15.47	166	239912	12.29	ng/ul	100
69) Phenanthrene	17.21	178	1619039	64.13	ng/ul#	91
71) Anthracene	17.29	178	549275	21.43	ng/ul	99
72) Carbazole	17.57	167	230627	9.36	ng/ul	99
74) Fluoranthene	19.22	202	2202331	77.15	ng/ul#	86
77) Pyrene	19.59	202	1871453	63.58	ng/ul#	89
80) Benzo(a)anthracene	21.32	228	1049440	38.72	ng/ul	94
82) Chrysene	21.38	228	1050815m	40.75	ng/ul	
85) Benzo(b)fluoranthene	22.95	252	1204438m	43.64	ng/ul	
86) Benzo(k)fluoranthene	22.99	252	640121m	23.49	ng/ul	
88) Benzo(a)pyrene	23.55	252	857418m	31.18	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.01	276	389500m	12.24	ng/ul	
91) Benzo(g,h,i)perylene	26.73	276	310792m	11.63	ng/ul	

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Mar 23 12:13:38 2015
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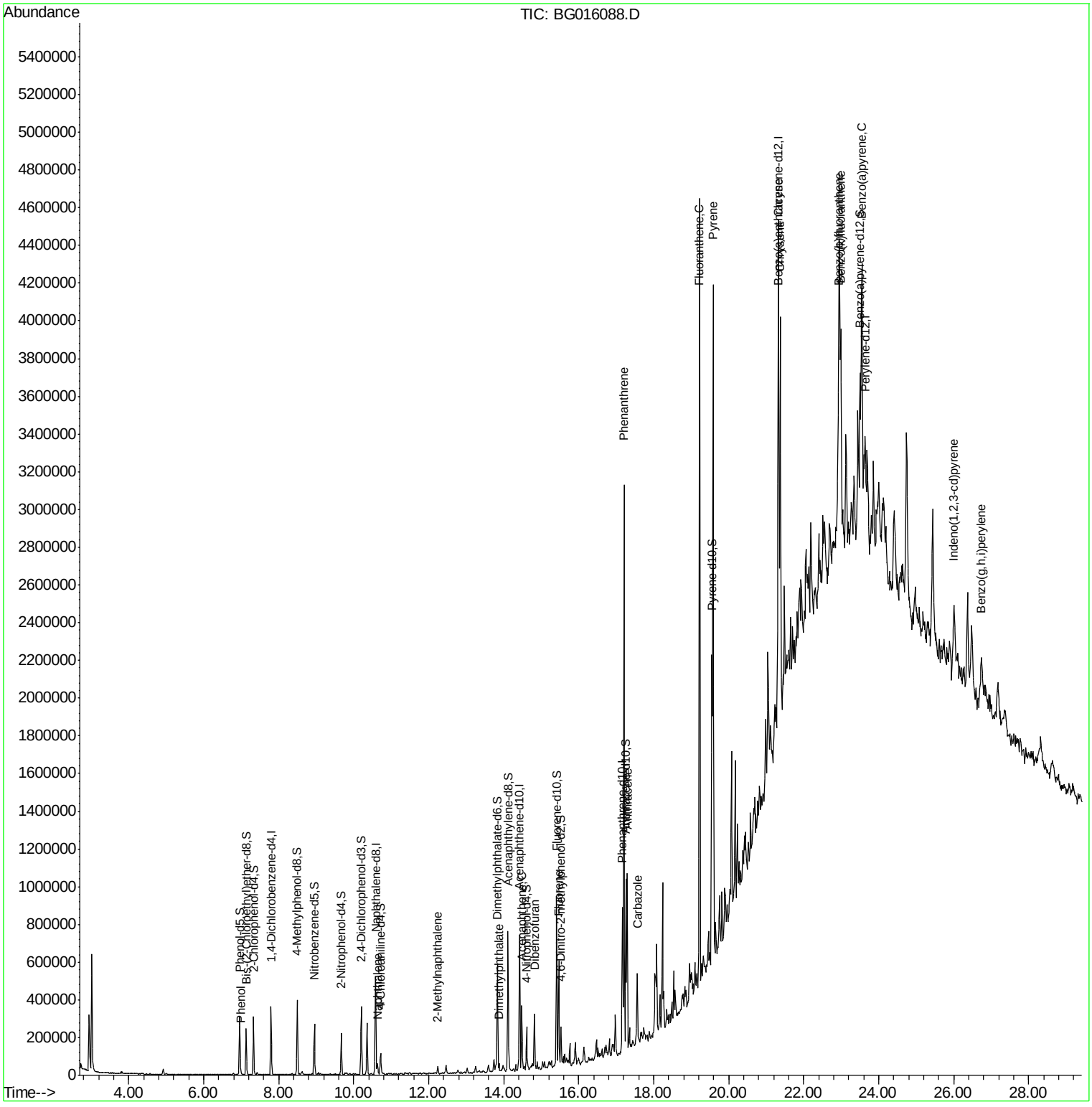
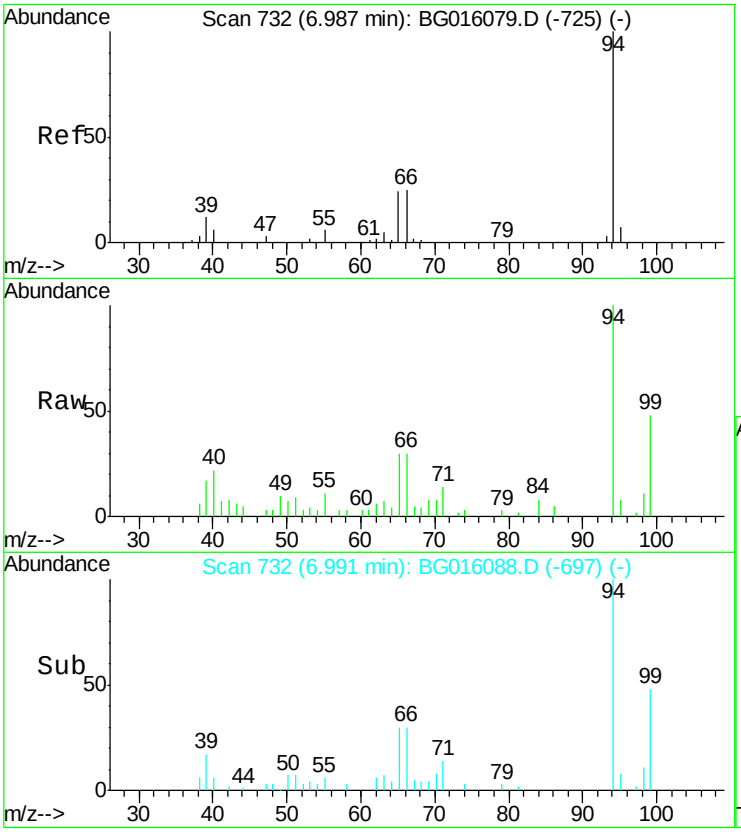
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



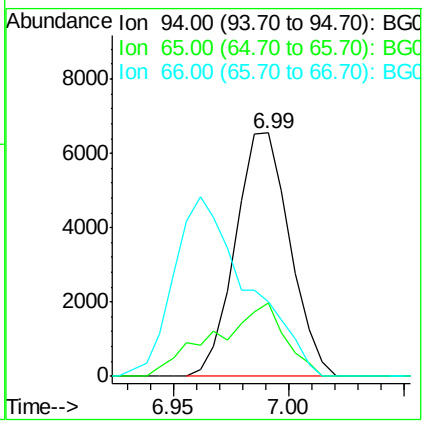


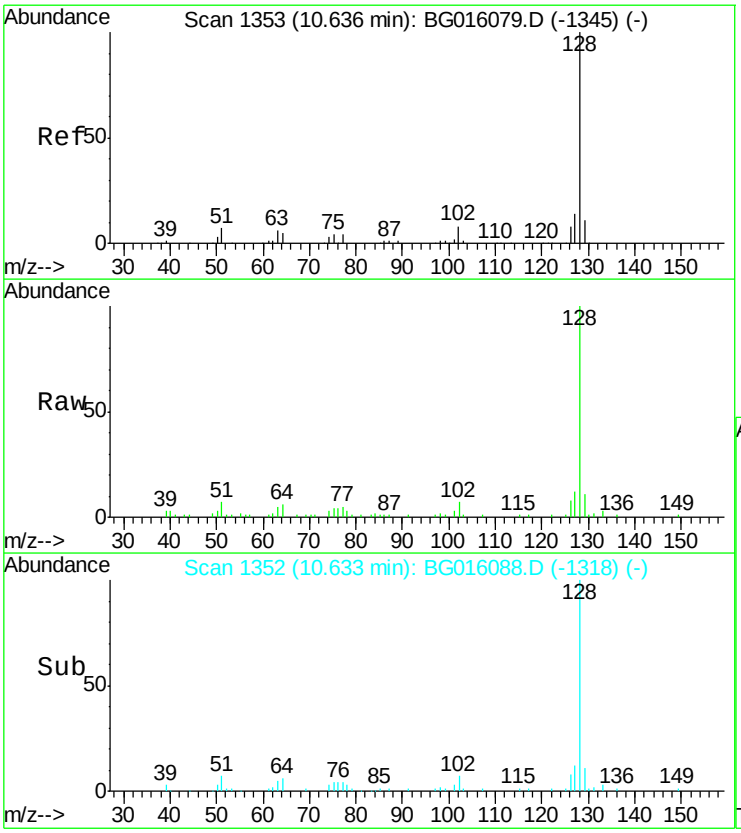
#6
Phenol
Concen: 1.10 ng/ul
RT: 6.99 min Scan# 732
Delta R.T. 0.00 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Instrument :
BNA_G
ClientSampleId :
C0AF1

Tgt Ion: 94 Resp: 10749

Ion	Ratio	Lower	Upper
94	100		
65	30.0	18.4	27.6#
66	30.5	21.1	31.7

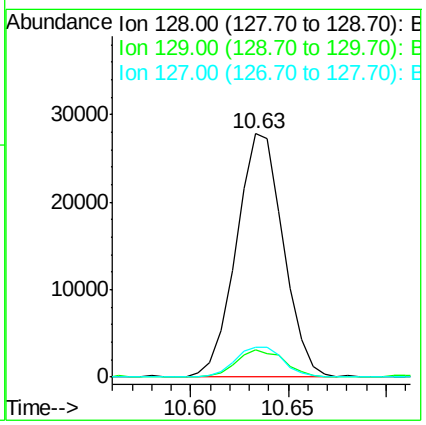


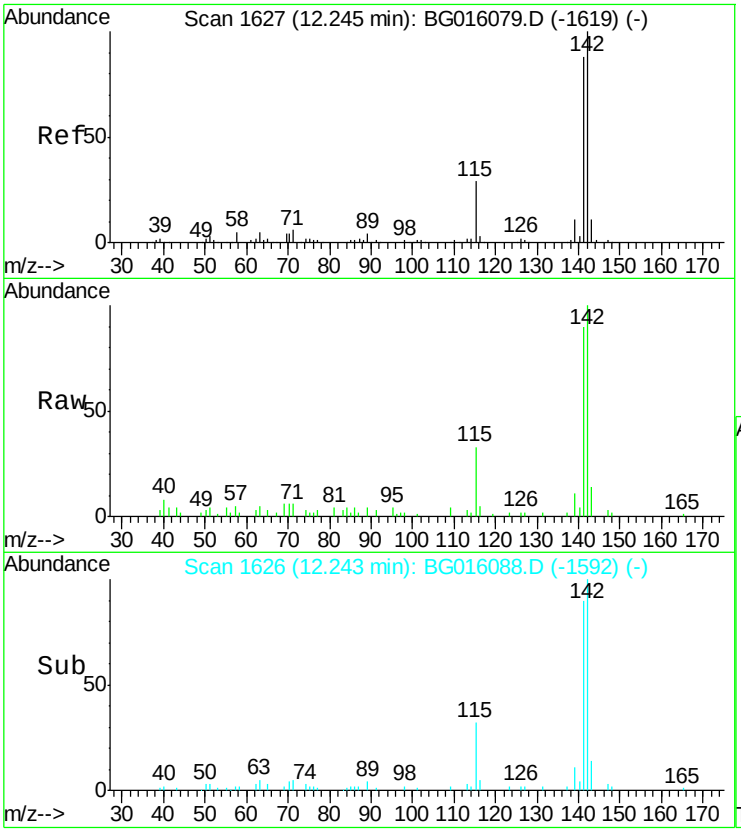


#28
Naphthalene
Concen: 1.97 ng/ul
RT: 10.63 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Tgt Ion:128 Resp: 46317

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	12.4	10.4	15.6



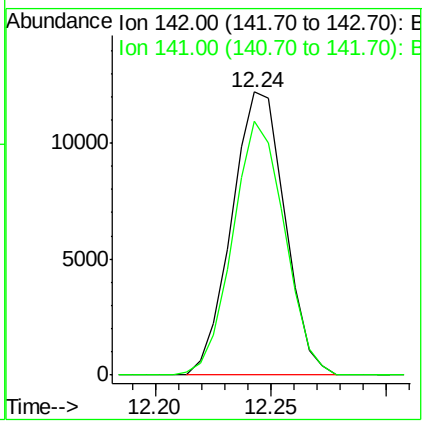


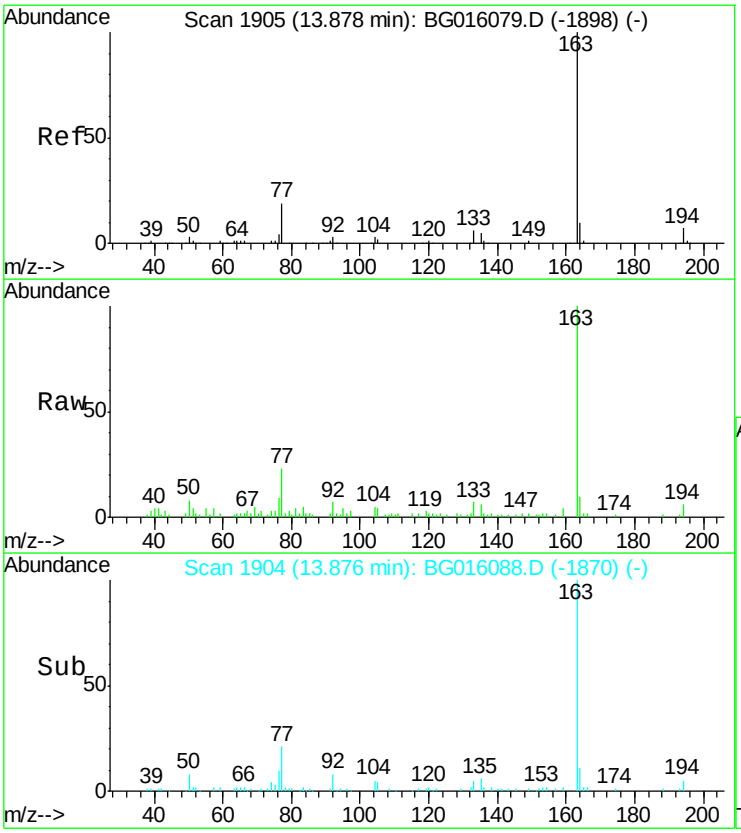
#34
2-Methylnaphthalene
Concen: 1.18 ng/ul
RT: 12.24 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Instrument :
BNA_G
ClientSampleId :
C0AF1

Tgt Ion:142 Resp: 19532

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.2	105.2

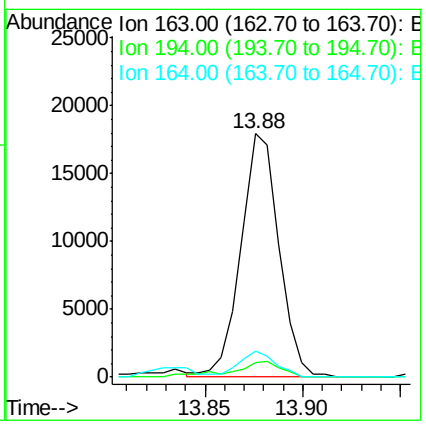


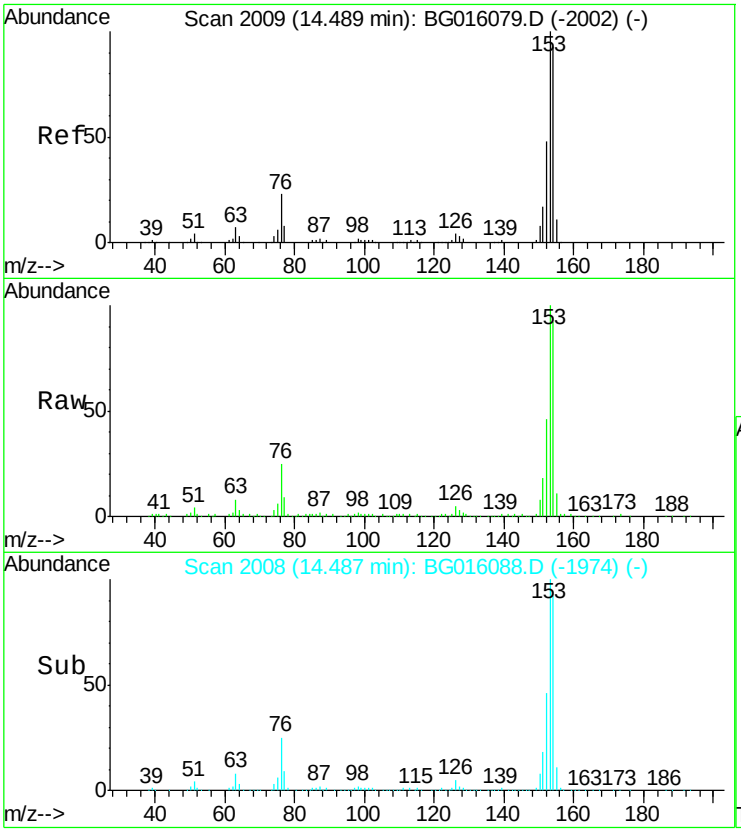


#44
Dimethylphthalate
Concen: 1.35 ng/ul
RT: 13.88 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Tgt Ion:163 Resp: 24267

Ion	Ratio	Lower	Upper
163	100		
194	5.9	5.4	8.0
164	10.5	8.2	12.4



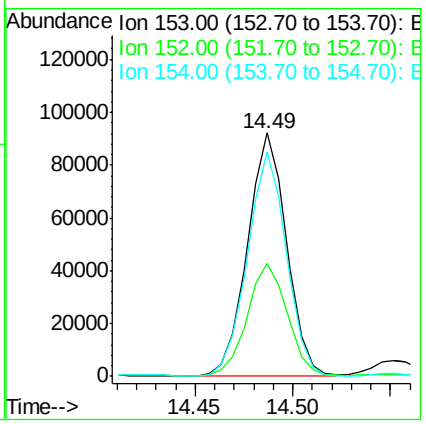


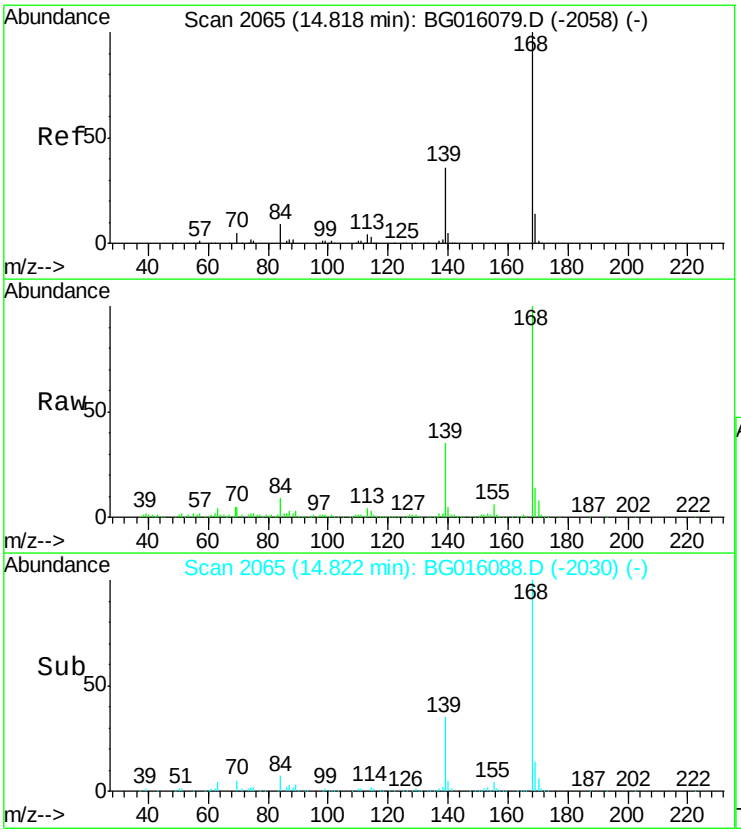
#49
Acenaphthene
Concen: 7.74 ng/ul
RT: 14.49 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Instrument :
BNA_G
ClientSampleId :
C0AF1

Tgt Ion:153 Resp: 128162

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.4	56.2
154	92.1	74.4	111.6

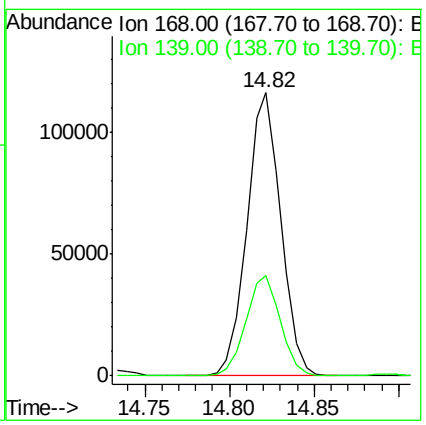


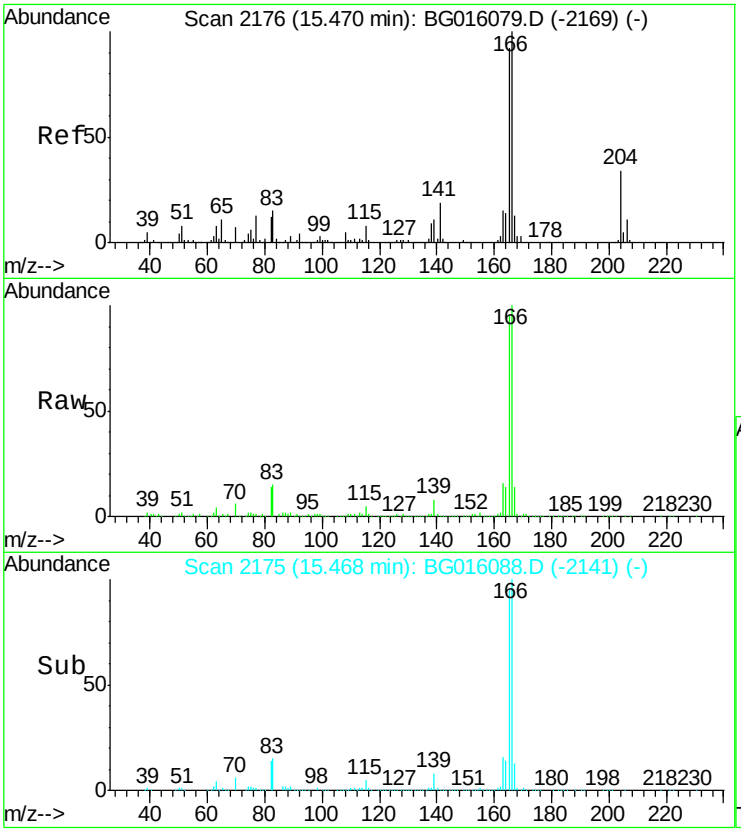


#53
Dibenzofuran
Concen: 7.22 ng/ul
RT: 14.82 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Tgt Ion:168 Resp: 161401

Ion	Ratio	Lower	Upper
168	100		
139	35.3	29.1	43.7



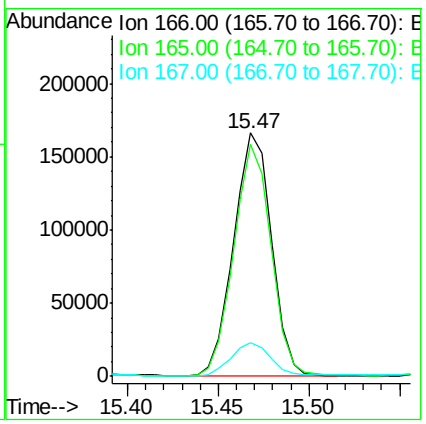


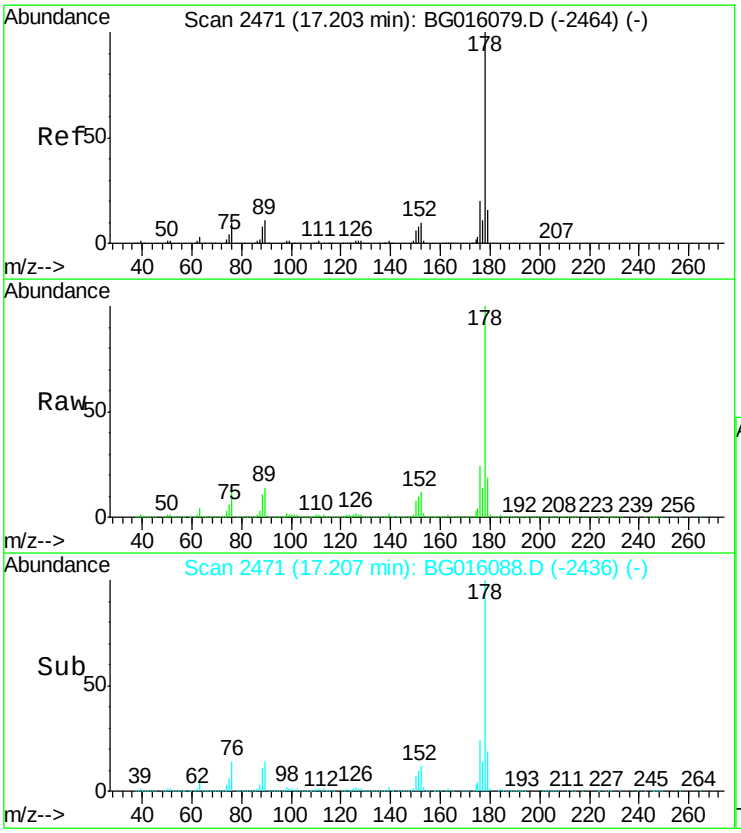
#58
Fluorene
Concen: 12.29 ng/ul
RT: 15.47 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Instrument :
BNA_G
ClientSampleId :
C0AF1

Tgt Ion:166 Resp: 239912

Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.1	114.1
167	13.6	10.5	15.7

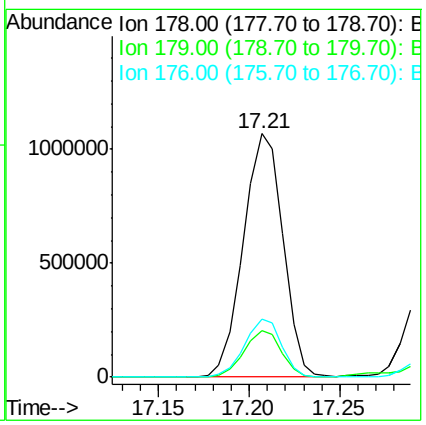


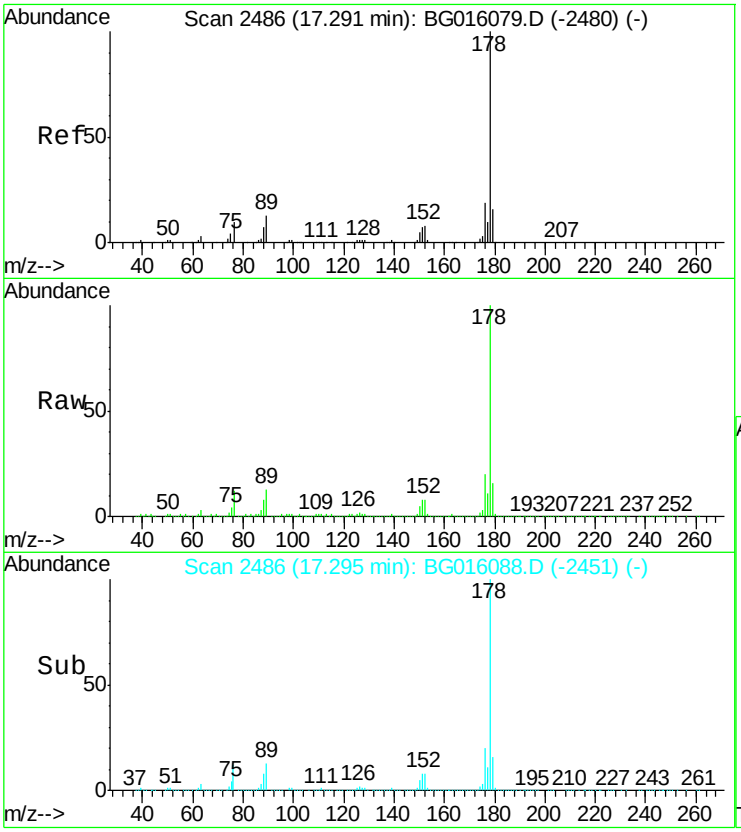


#69
Phenanthrene
Concen: 64.13 ng/ul
RT: 17.21 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Tgt Ion:178 Resp: 1619039

Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.8	19.2#
176	24.0	15.6	23.4#



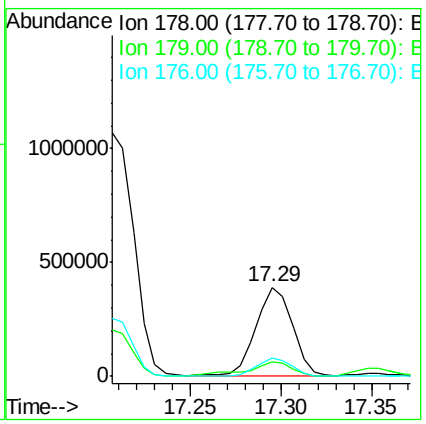


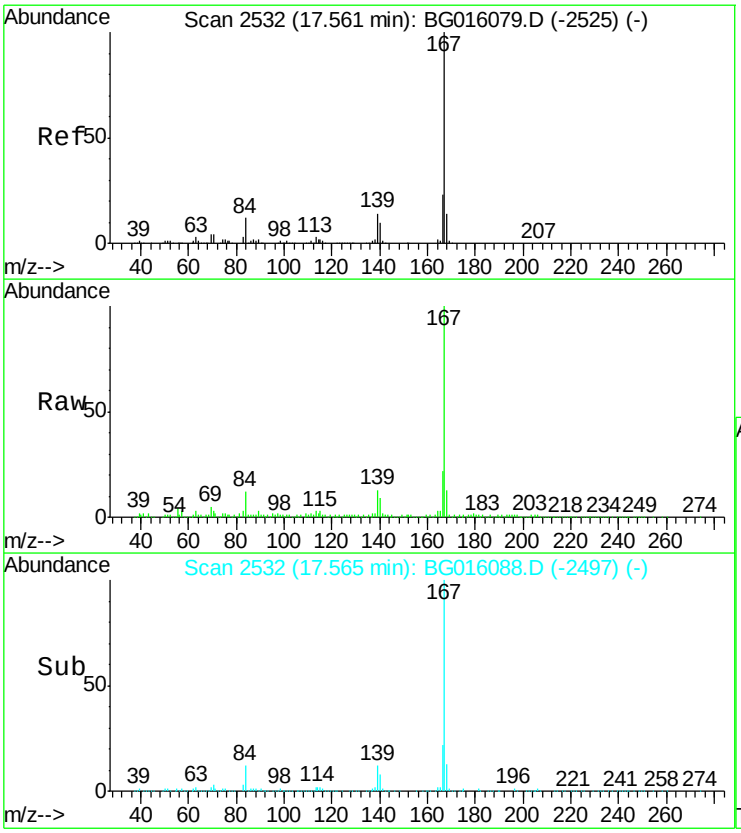
#71
Anthracene
Concen: 21.43 ng/ul
RT: 17.29 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Instrument :
BNA_G
ClientSampleId :
C0AF1

Tgt Ion:178 Resp: 549275

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.7	19.1
176	20.1	15.3	22.9

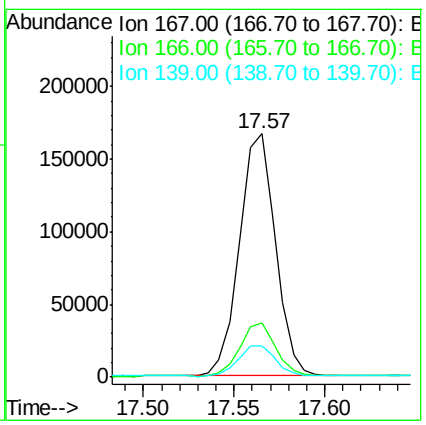


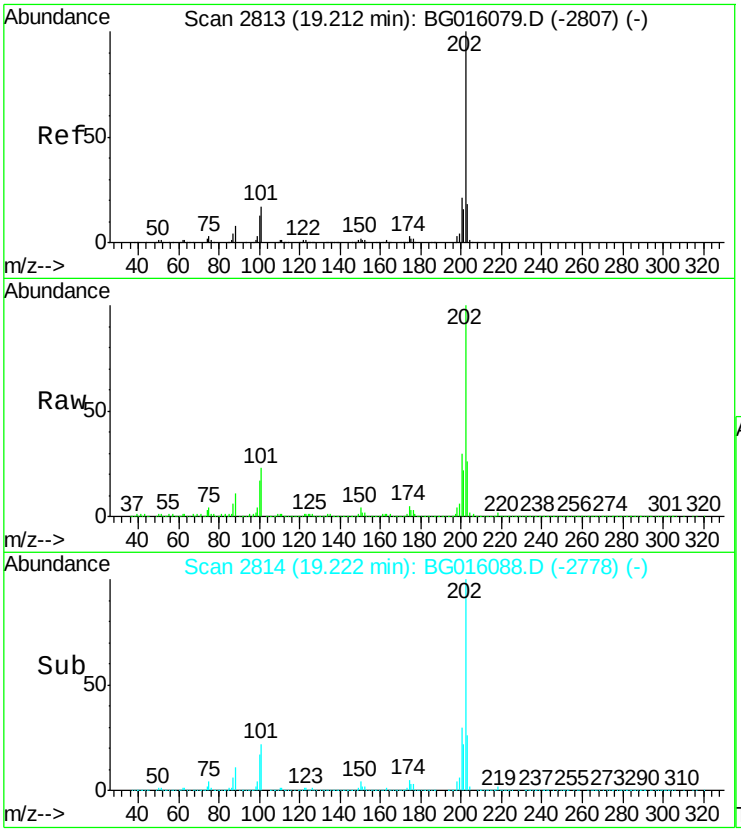


#72
Carbazole
Concen: 9.36 ng/ul
RT: 17.57 min Scan# 2532
Delta R.T. 0.00 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Tgt Ion:167 Resp: 230627

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	12.6	10.0	15.0



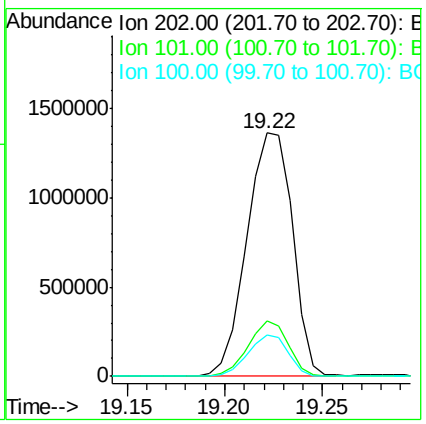


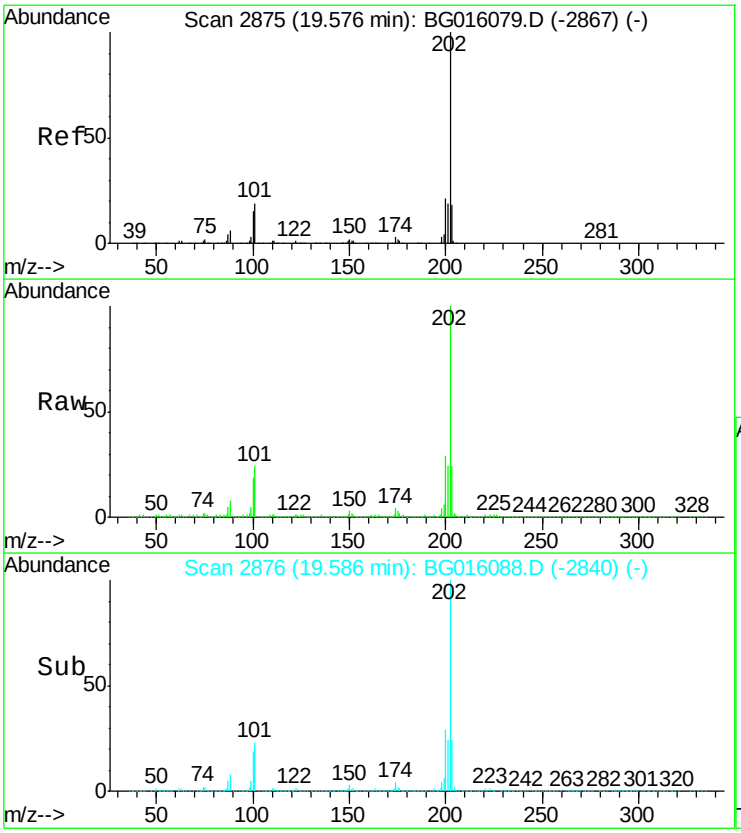
#74
Fluoranthene
Concen: 77.15 ng/ul
RT: 19.22 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Instrument :
BNA_G
ClientSampleId :
C0AF1

Tgt Ion:202 Resp: 2202331

Ion	Ratio	Lower	Upper
202	100		
101	22.6	12.9	19.3#
100	16.9	9.4	14.2#

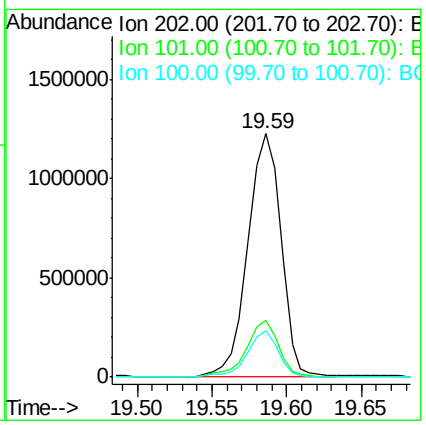


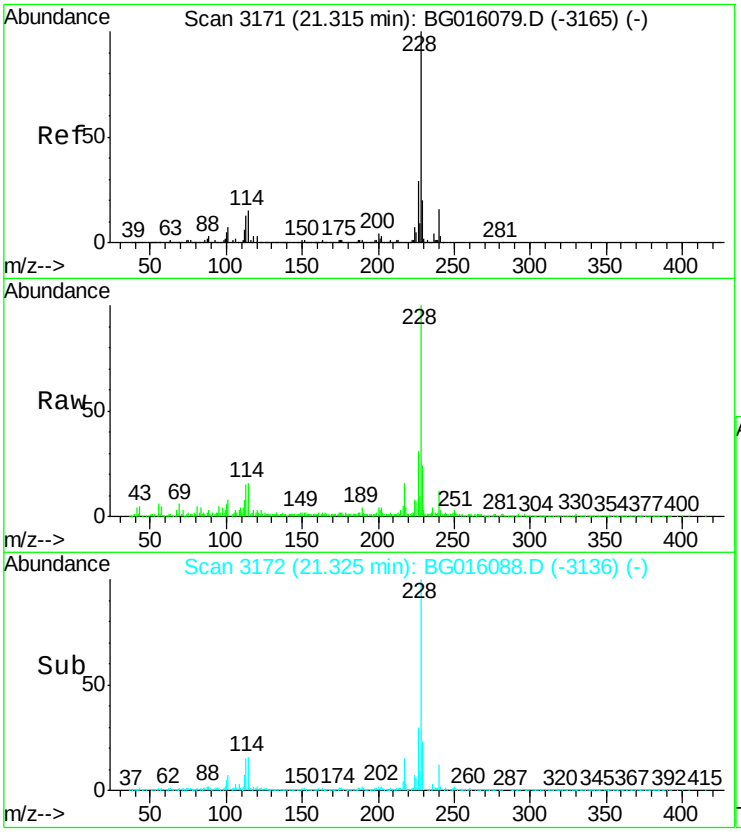


#77
Pyrene
Concen: 63.58 ng/ul
RT: 19.59 min Scan# 2876
Delta R.T. 0.01 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Tgt Ion:202 Resp: 1871453

Ion	Ratio	Lower	Upper
202	100		
101	23.5	14.6	21.8#
100	19.1	12.1	18.1#



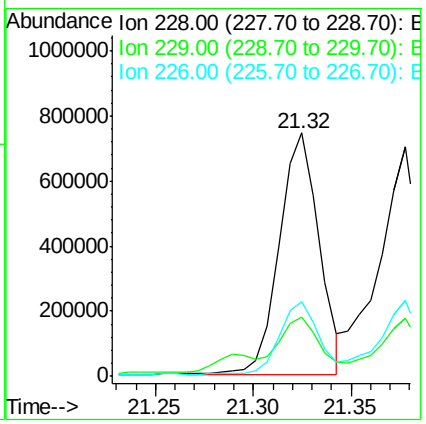


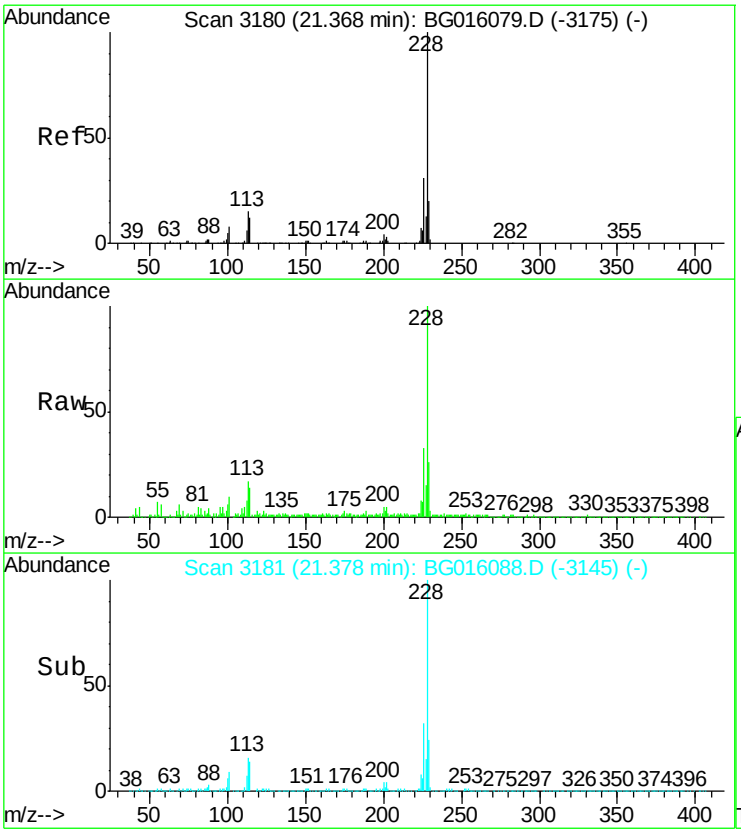
#80
Benzo(a)anthracene
Concen: 38.72 ng/ul
RT: 21.32 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Instrument :
BNA_G
ClientSampleId :
C0AF1

Tgt Ion:228 Resp: 1049440

Ion	Ratio	Lower	Upper
228	100		
229	24.3	16.2	24.4
226	30.6	22.4	33.6

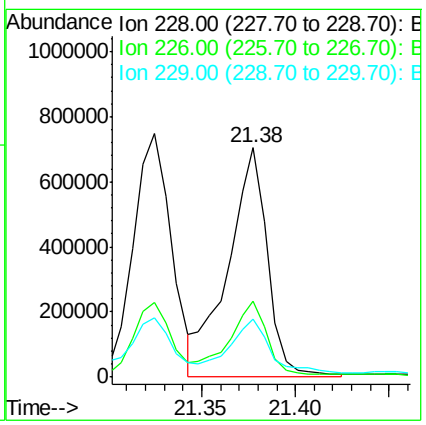


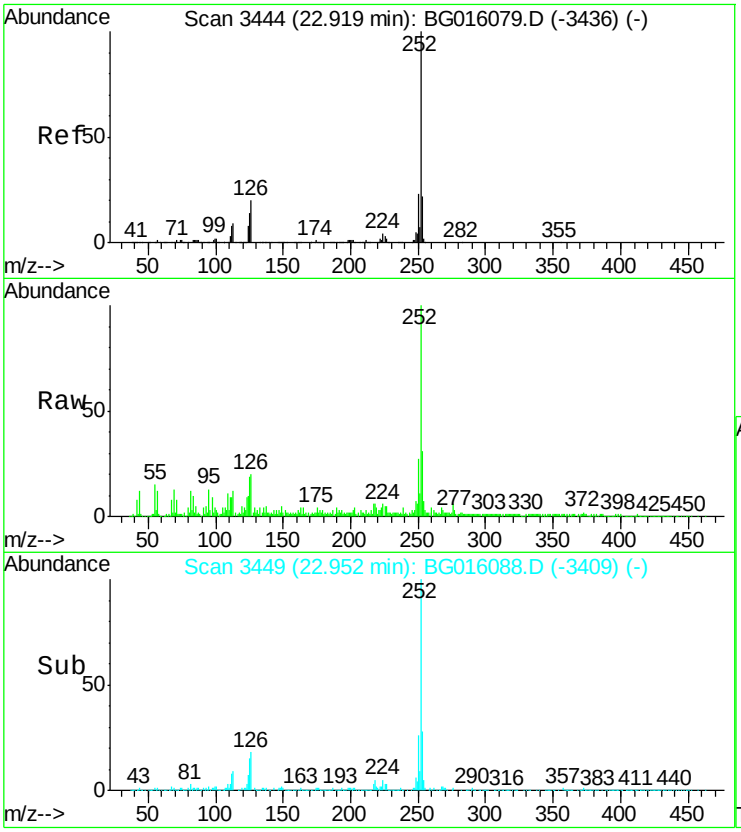


#82
Chrysene
Concen: 40.75 ng/ul m
RT: 21.38 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Tgt Ion:228 Resp: 1050815

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.6	36.8
229	25.6	16.6	25.0#



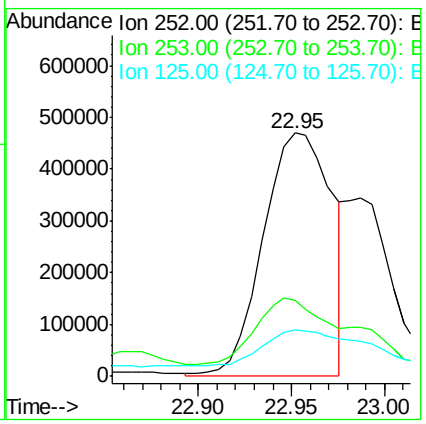


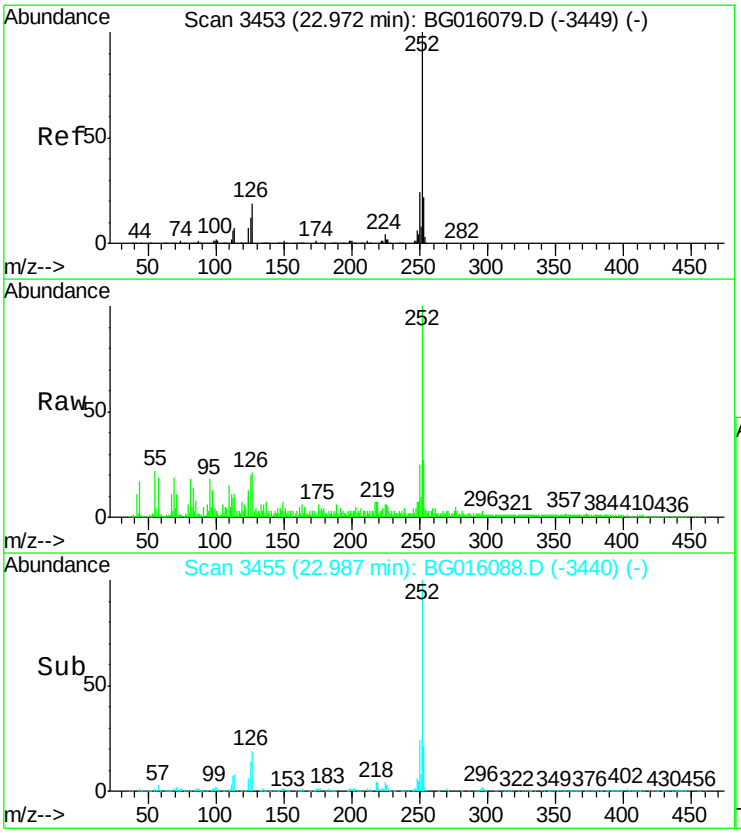
#85
Benzo(b)fluoranthene
Concen: 43.64 ng/ul m
RT: 22.95 min Scan# 3449
Delta R.T. 0.03 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Instrument :
BNA_G
ClientSampleId :
C0AF1

Tgt Ion:252 Resp: 1204438

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.9	26.9#
125	19.0	11.0	16.6#

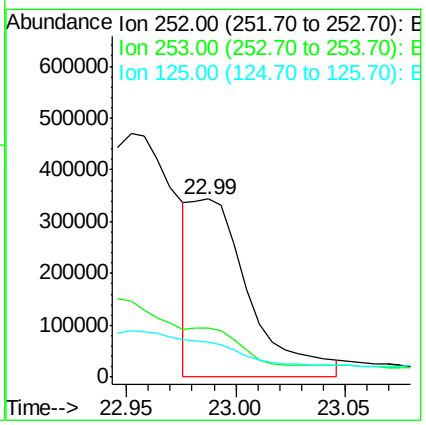


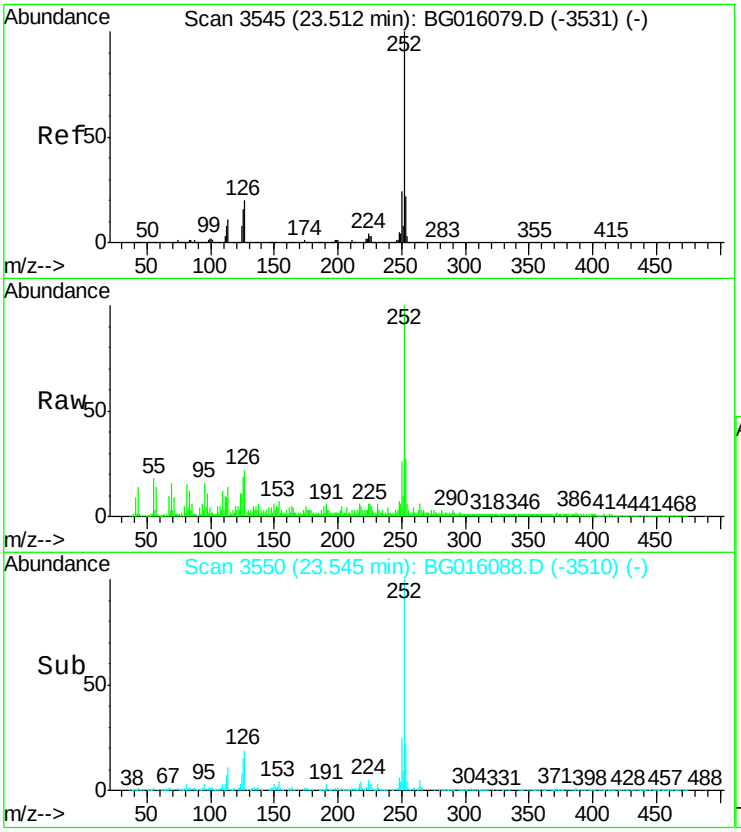


#86
Benzo(k)fluoranthene
Concen: 23.49 ng/ul m
RT: 22.99 min Scan# 3455
Delta R.T. 0.02 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Tgt Ion:252 Resp: 640121

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.8	26.6#
125	19.8	10.7	16.1#



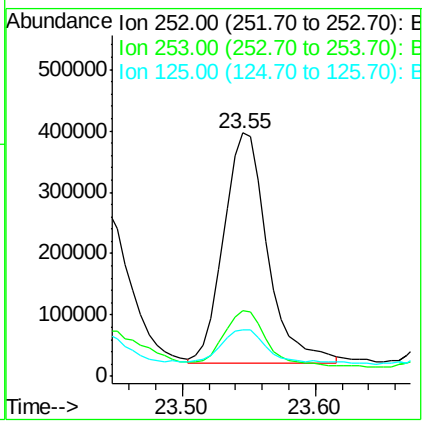


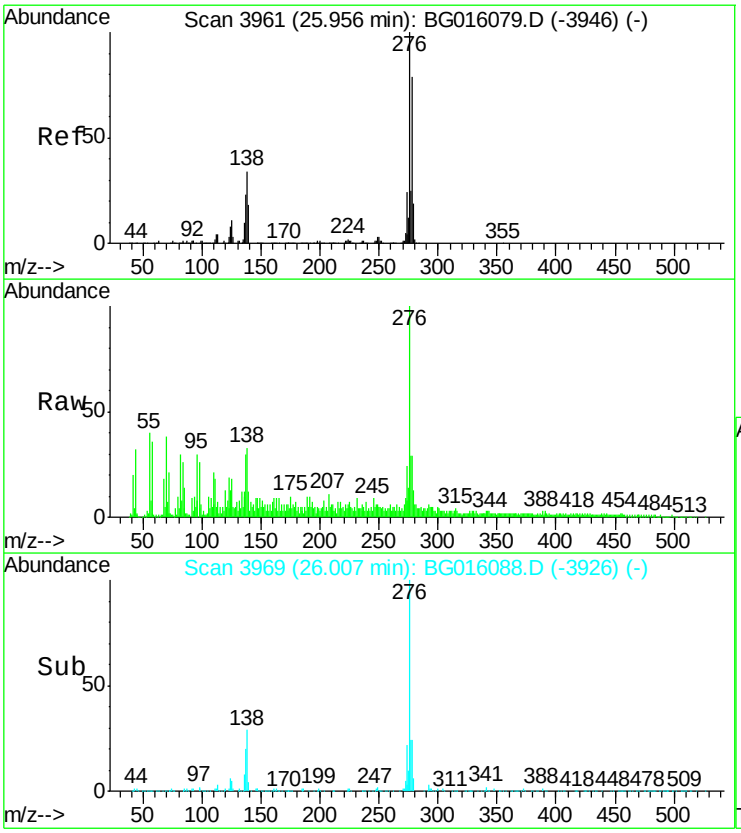
#88
Benzo(a)pyrene
Concen: 31.18 ng/ul m
RT: 23.55 min Scan# 3550
Delta R.T. 0.03 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Instrument :
BNA_G
ClientSampleId :
C0AF1

Tgt Ion:252 Resp: 857418

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.6	26.4#
125	19.3	11.5	17.3#

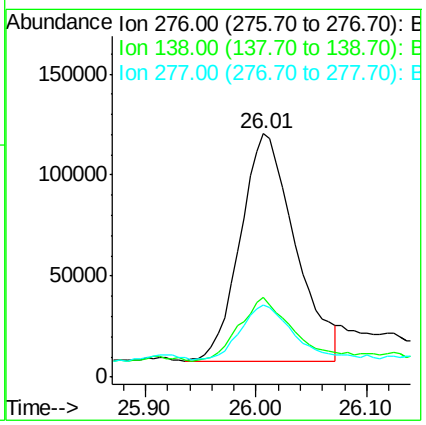


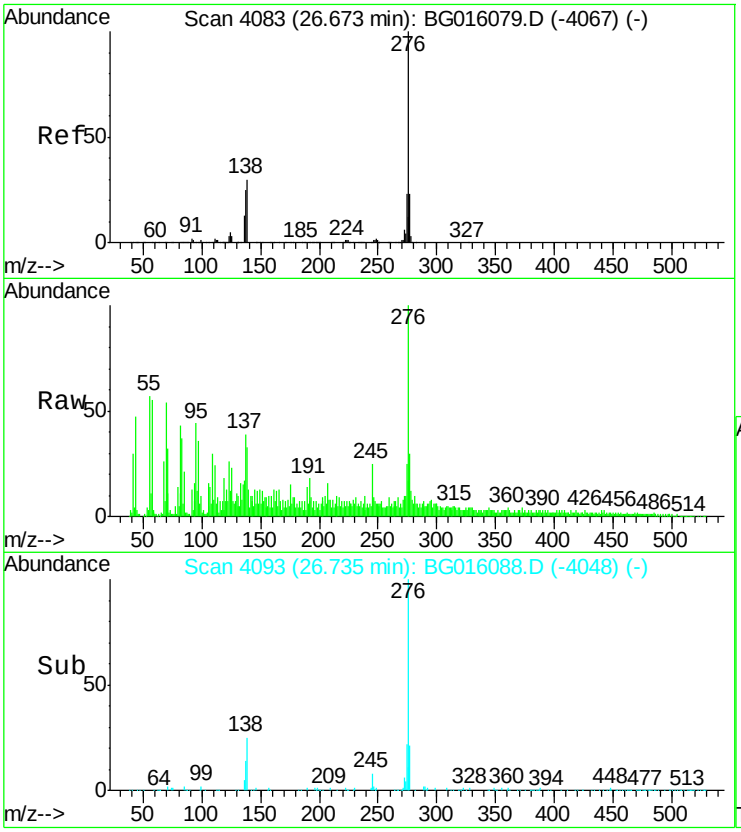


#89
Indeno(1,2,3-cd)pyrene
Concen: 12.24 ng/ul m
RT: 26.01 min Scan# 3969
Delta R.T. 0.05 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Tgt Ion:276 Resp: 389500

Ion	Ratio	Lower	Upper
276	100		
138	32.9	26.1	39.1
277	29.5	20.0	30.0





#91
Benzo(g,h,i)perylene
Concen: 11.63 ng/ul m
RT: 26.73 min Scan# 4093
Delta R.T. 0.06 min
Lab File: BG016088.D
Acq: 21 Mar 2015 5:11

Instrument :
BNA_G
ClientSampleId :
C0AF1

Tgt Ion:276 Resp: 310792

Ion	Ratio	Lower	Upper
276	100		
138	33.4	22.0	33.0#
277	30.0	19.0	28.4#