Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027529.D
Acq On : 19 Jun 2017 14:58
Operator : SJ/MA
Sample : I3599-14DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28DL

Quant Time: Jun 20 01:24:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:01:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	32426	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	162522	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	109712	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	257725	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	280175	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	268376	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.65	99	15196	4.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.84	67	11456	4.78	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	10972	4.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	12492	4.54	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	5785	4.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	6045	4.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	10984	4.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	17048	5.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	43896	4.78	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	50791	4.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	5119	2.85	ng/ul	0.00
57) Fluorene-d10	16.09	176	40896	4.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	5302	3.31	ng/ul	0.00
70) Anthracene-d10	17.95	188	62917	5.24	ng/ul	0.00
76) Pyrene-d10	20.22	212	72620	5.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.62	264	62633	5.18	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.68	94	8846	2.40	ng/ul#	91
16) 4-Methylphenol	9.26	108	7543	2.58	ng/ul	95
28) Naphthalene	11.39	128	183261	21.94	ng/ul	98
34) 2-Methylnaphthalene	12.95	142	45465	7.34	ng/ul	92
40) 1,1'-Biphenyl	13.94	154	13084	1.51	ng/ul#	96
44) Dimethylphthalate	14.53	163	20826	2.29	ng/ul#	94
49) Acenaphthene	15.17	153	45785	6.19	ng/ul	97
53) Dibenzofuran	15.50	168	53500	4.96	ng/ul	96
58) Fluorene	16.14	166	54409	6.08	ng/ul	99
69) Phenanthrene	17.90	178	243756	17.60	ng/ul	100
71) Anthracene	17.99	178	35799	2.54	ng/ul	100
72) Carbazole	18.25	167	23189	1.91	ng/ul	97
74) Fluoranthene	19.89	202	138657	8.90	ng/ul#	87
77) Pyrene	20.25	202	92297	5.57	ng/ul#	88
80) Benzo(a)anthracene	22.21	228	25961	1.66	ng/ul	97
82) Chrysene	22.28	228	19247	1.37	ng/ul	98

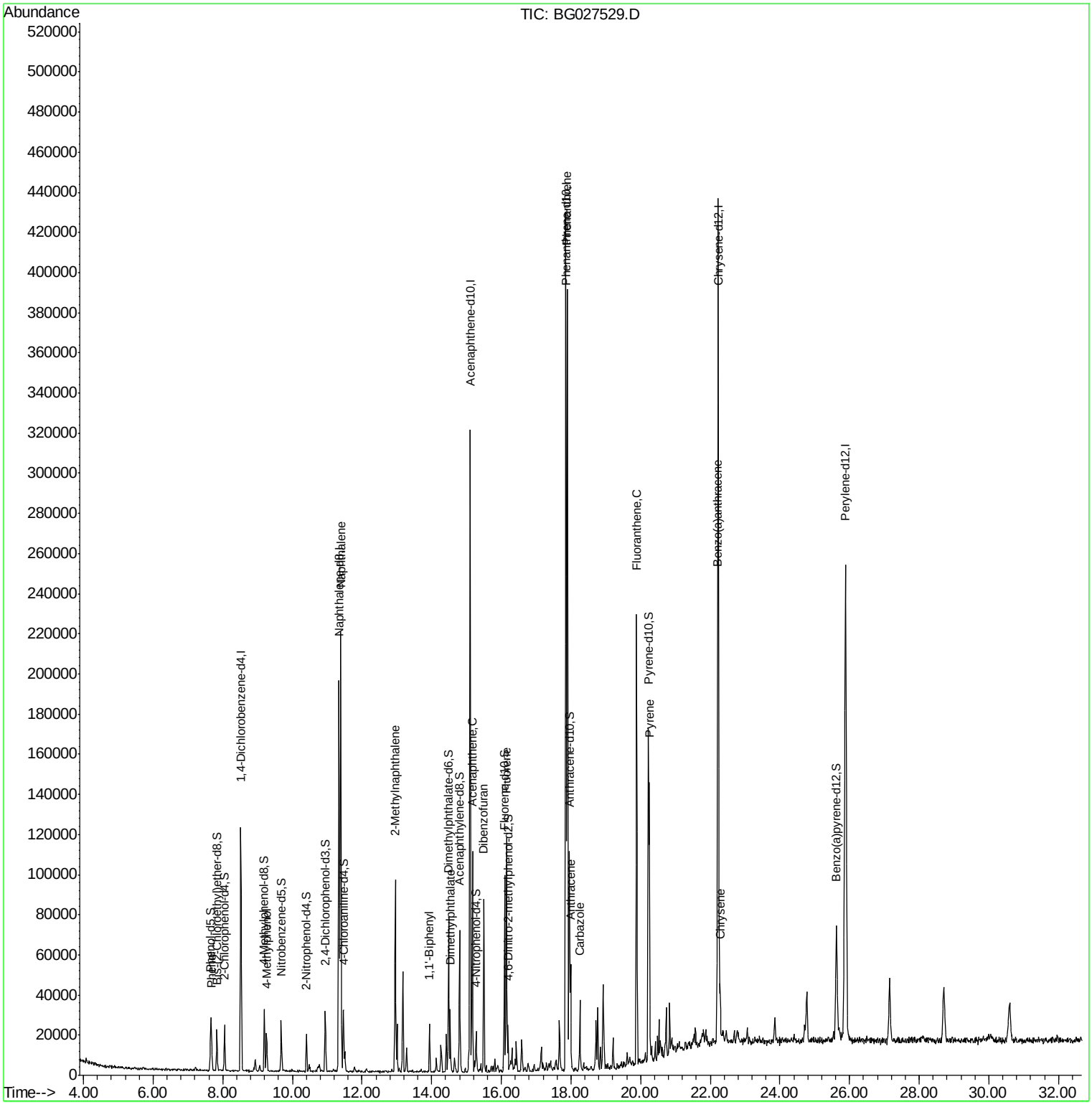
(#) = qualifier out of range (m) = manual integration (+) = signals summed

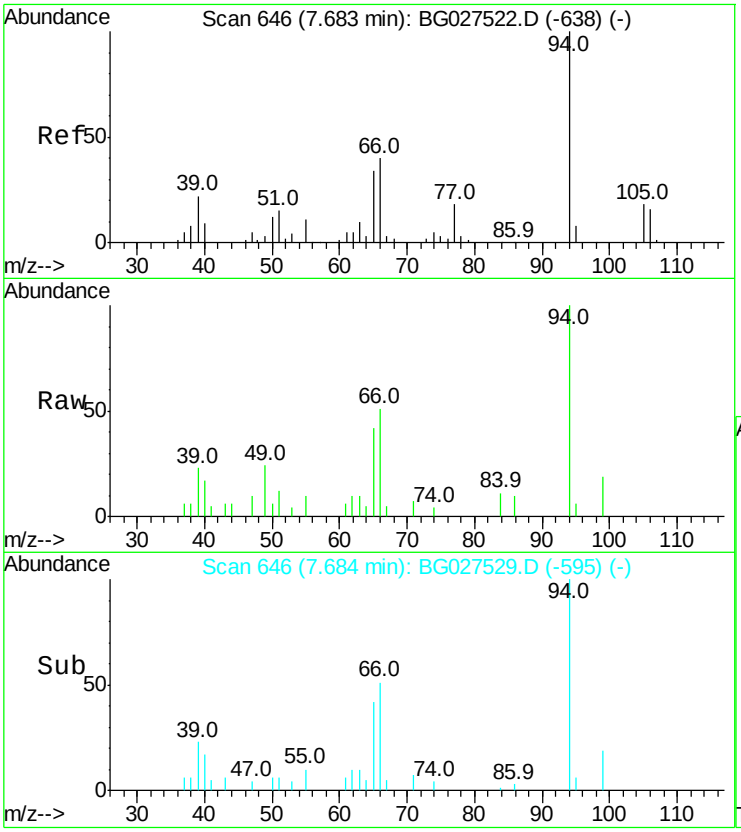
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027529.D
Acq On : 19 Jun 2017 14:58
Operator : SJ/MA
Sample : I3599-14DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5B28DL

Quant Time: Jun 20 01:24:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:01:03 2017
Response via : Initial Calibration



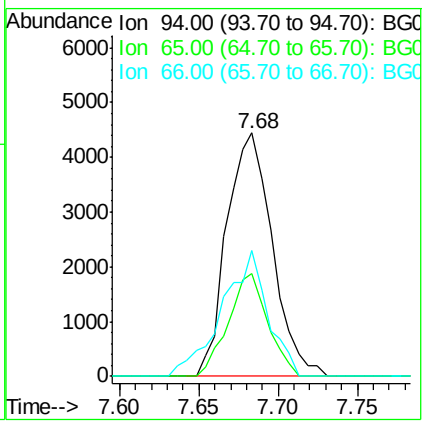


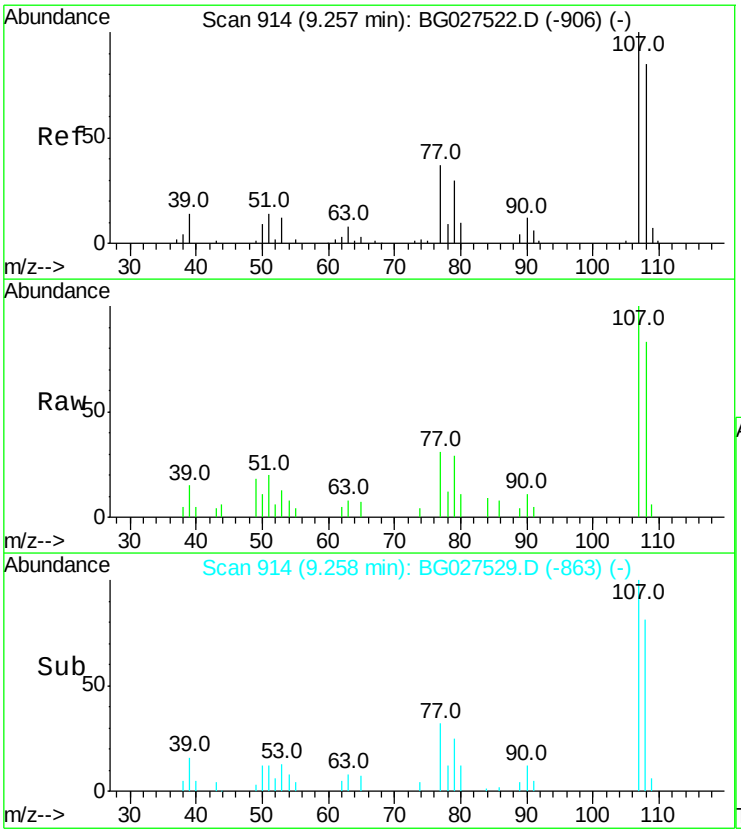
#6
Phenol
Concen: 2.40 ng/ul
RT: 7.68 min Scan# 646
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Instrument :
BNA_G
ClientSampleId :
F5B28DL

Tgt Ion: 94 Resp: 8846

Ion	Ratio	Lower	Upper
94	100		
65	42.1	26.8	40.2#
66	51.5	44.4	66.6

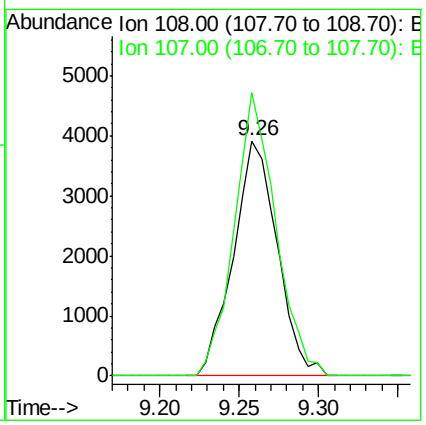


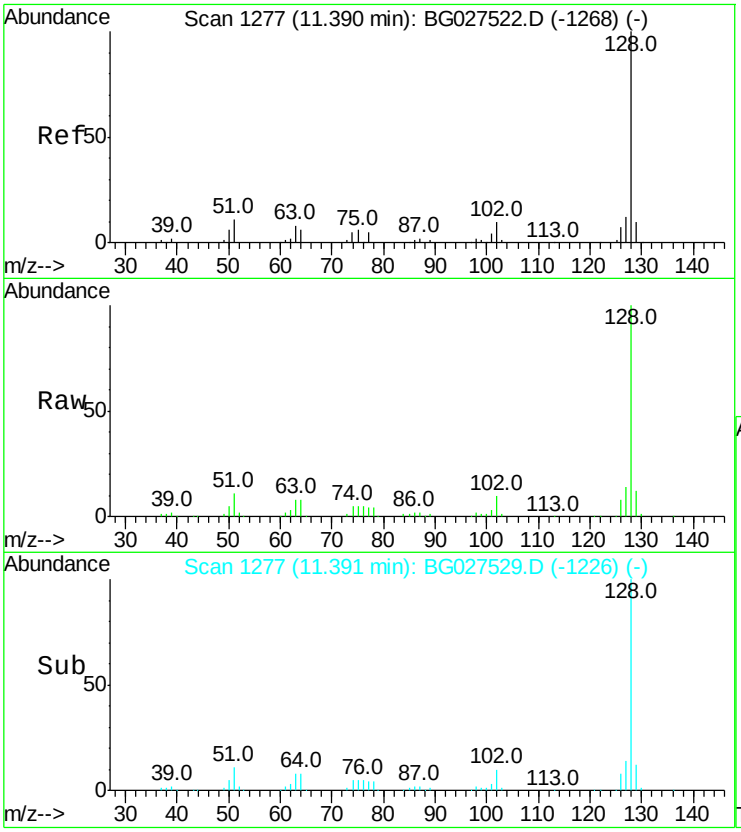


#16
4-Methylphenol
Concen: 2.58 ng/ul
RT: 9.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Tgt Ion:108 Resp: 7543

Ion	Ratio	Lower	Upper
108	100		
107	120.3	91.7	137.5



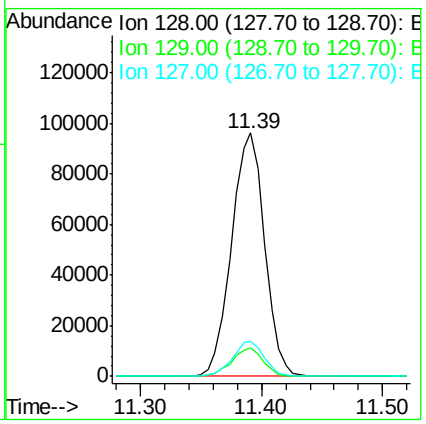


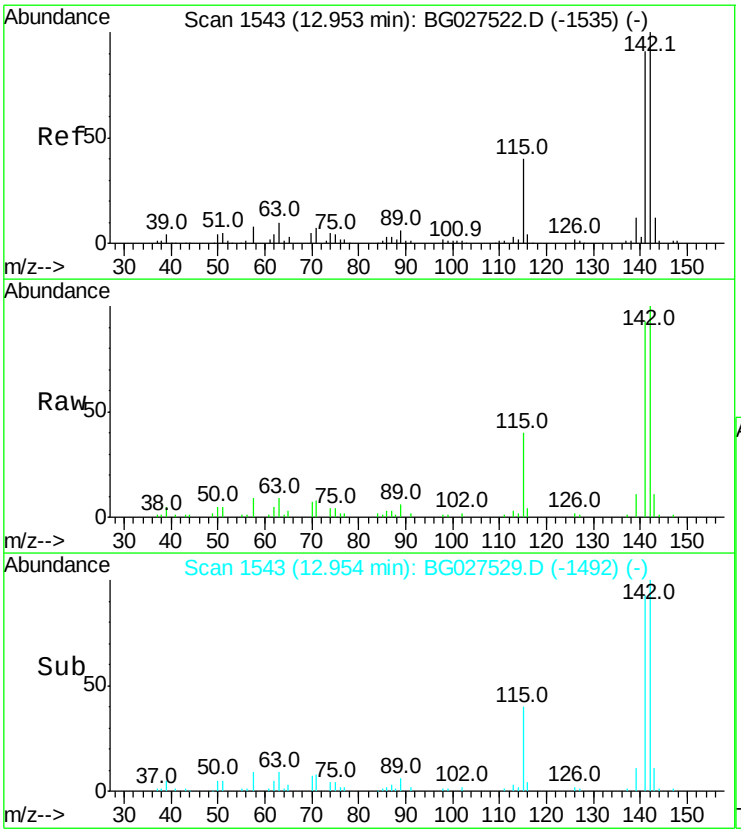
#28
Naphthalene
Concen: 21.94 ng/ul
RT: 11.39 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Instrument :
BNA_G
ClientSampleId :
F5B28DL

Tgt Ion:128 Resp: 183261

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	14.5	10.3	15.5

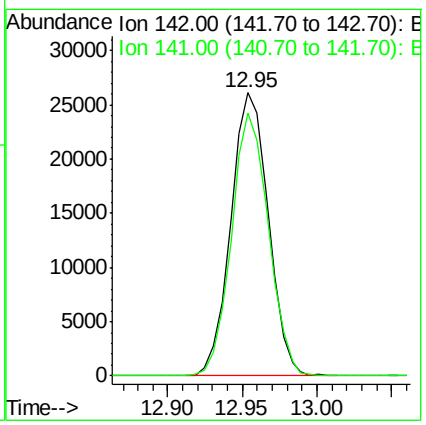


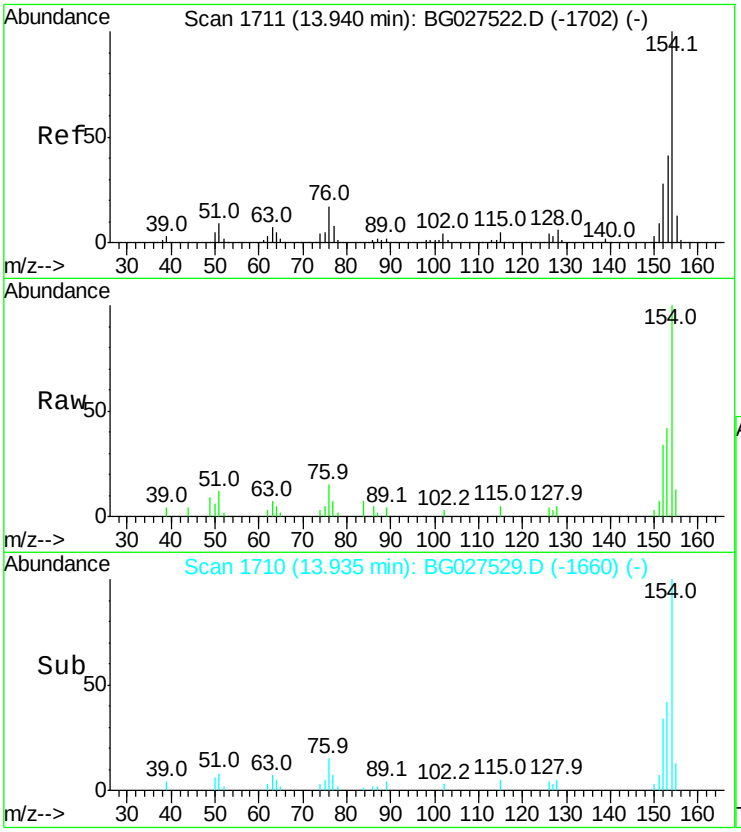


#34
2-Methylnaphthalene
Concen: 7.34 ng/ul
RT: 12.95 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Tgt Ion:142 Resp: 45465

Ion	Ratio	Lower	Upper
142	100		
141	92.9	68.6	102.8



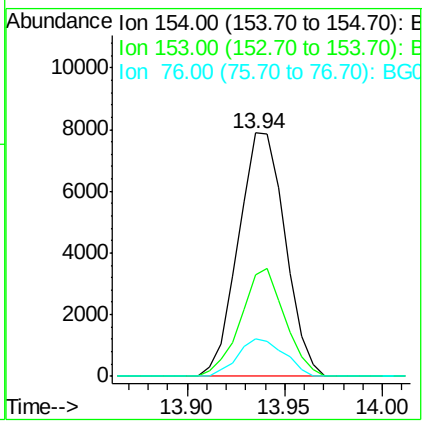


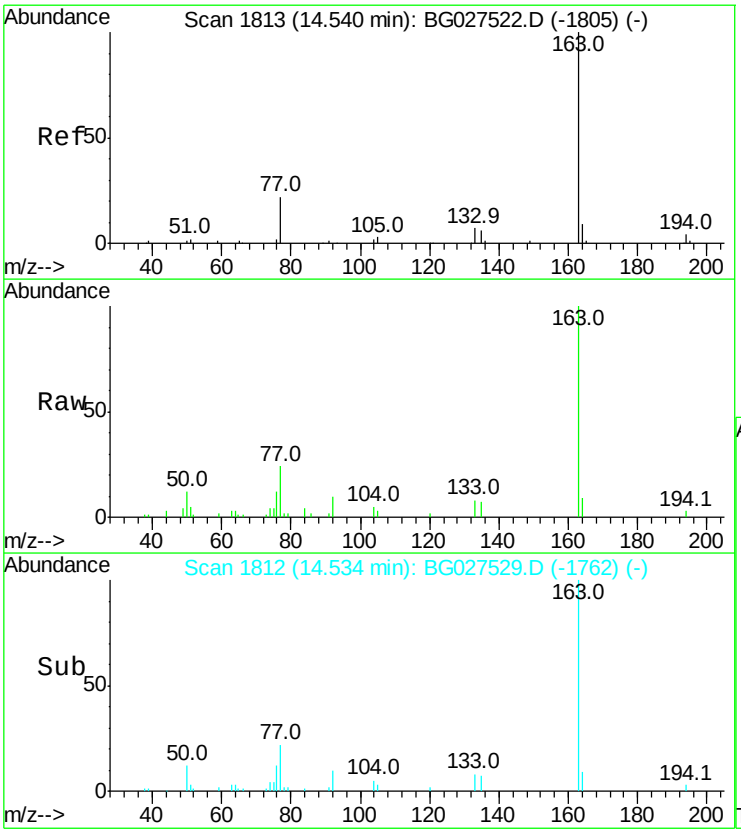
#40
1,1'-Biphenyl
Concen: 1.51 ng/ul
RT: 13.94 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Instrument :
BNA_G
ClientSampleId :
F5B28DL

Tgt Ion:154 Resp: 13084

Ion	Ratio	Lower	Upper
154	100		
153	41.6	32.2	48.2
76	15.3	9.6	14.4#

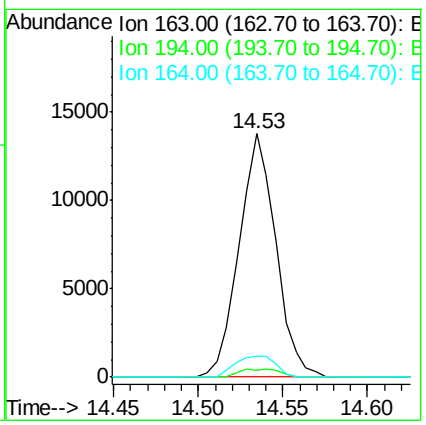


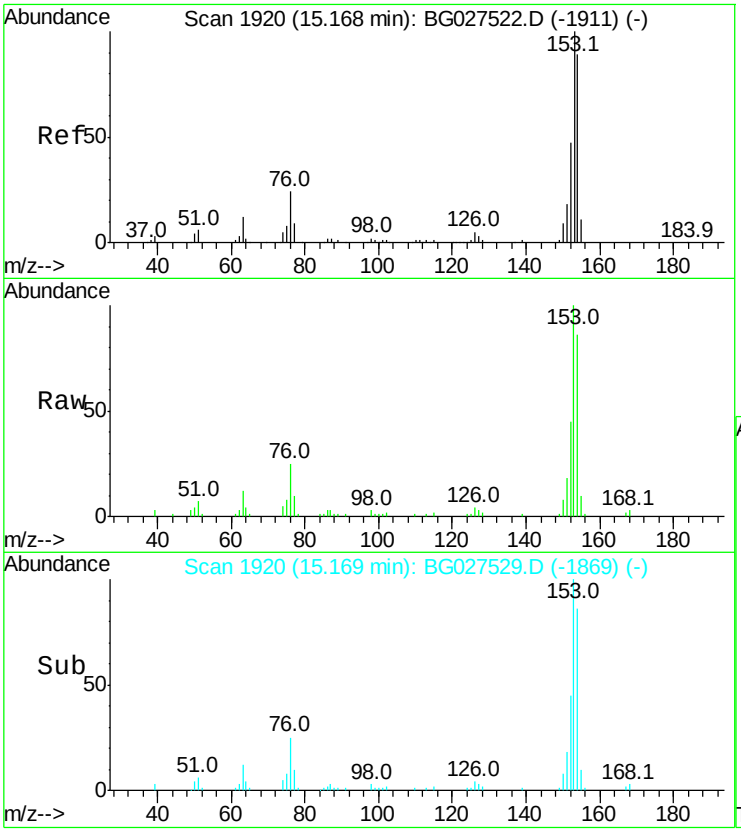


#44
Dimethylphthalate
Concen: 2.29 ng/ul
RT: 14.53 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Tgt Ion:163 Resp: 20826

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.4	5.0#
164	8.8	9.0	13.4#



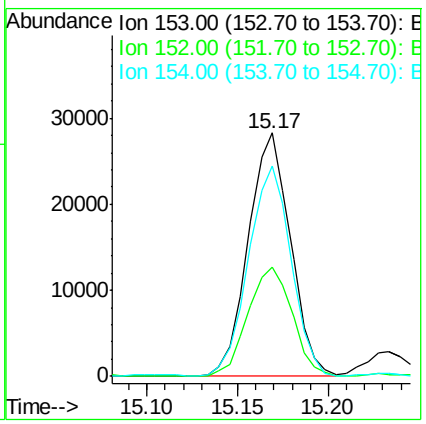


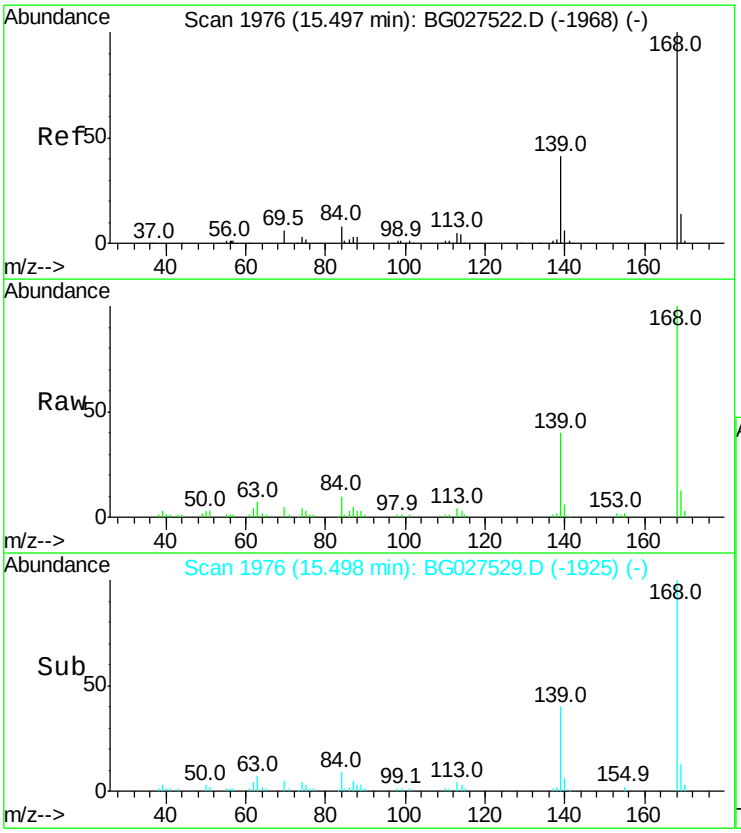
#49
Acenaphthene
Concen: 6.19 ng/ul
RT: 15.17 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Instrument :
BNA_G
ClientSampleId :
F5B28DL

Tgt Ion:153 Resp: 45785

Ion	Ratio	Lower	Upper
153	100		
152	44.7	36.5	54.7
154	86.3	72.3	108.5

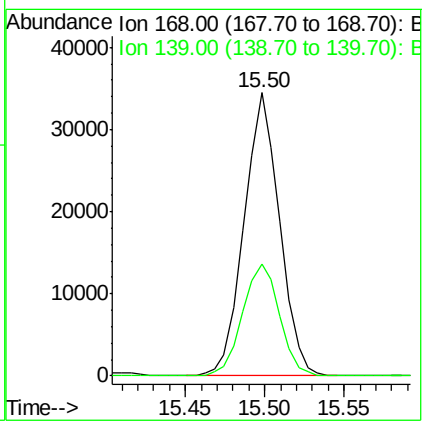


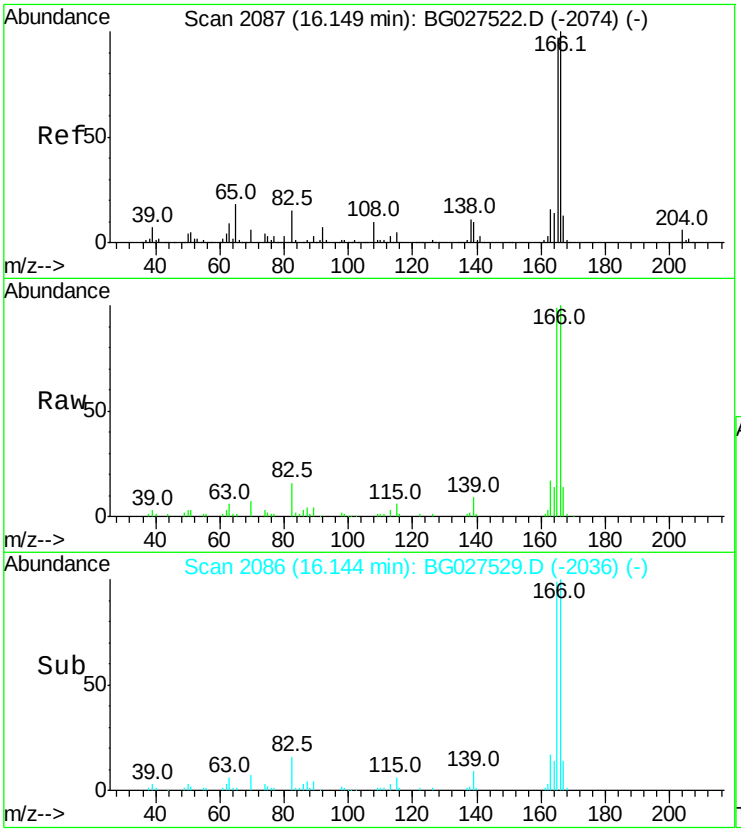


#53
Dibenzofuran
Concen: 4.96 ng/ul
RT: 15.50 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Tgt Ion:168 Resp: 53500

Ion	Ratio	Lower	Upper
168	100		
139	39.7	33.8	50.8



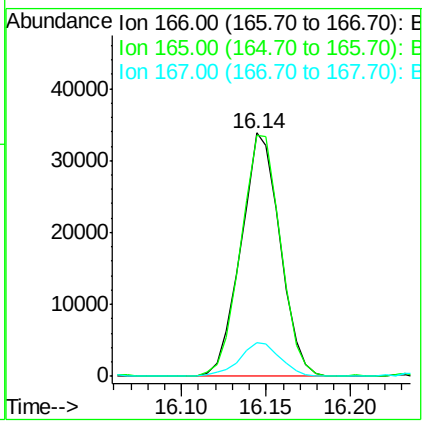


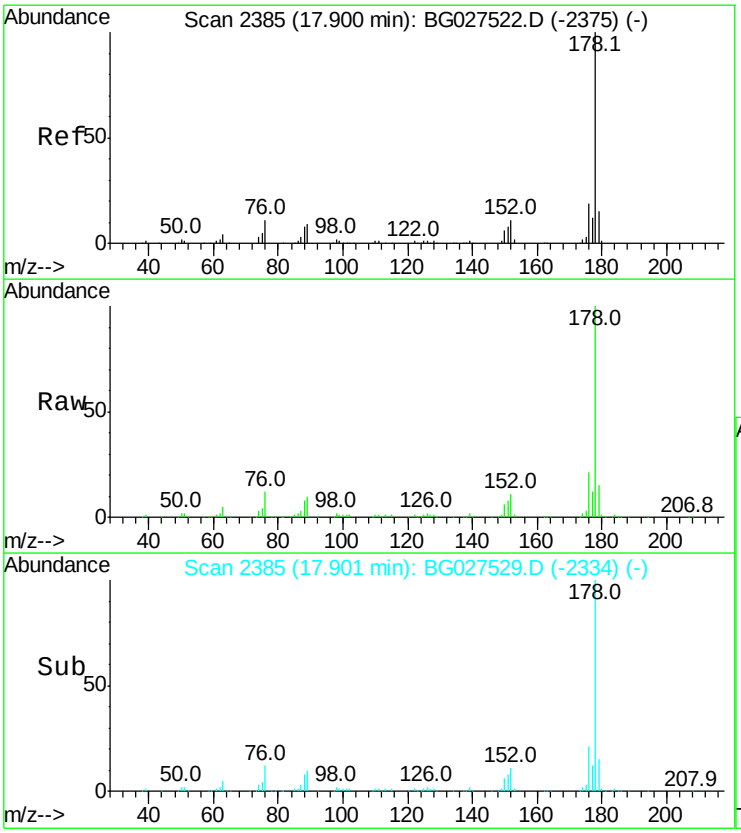
#58
Fluorene
Concen: 6.08 ng/ul
RT: 16.14 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Instrument :
BNA_G
ClientSampleId :
F5B28DL

Tgt Ion:166 Resp: 54409

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.7	119.5
167	14.1	11.4	17.2

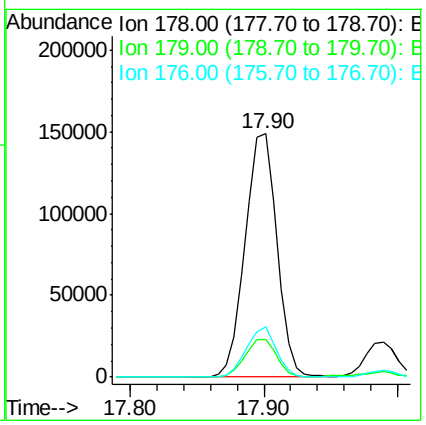


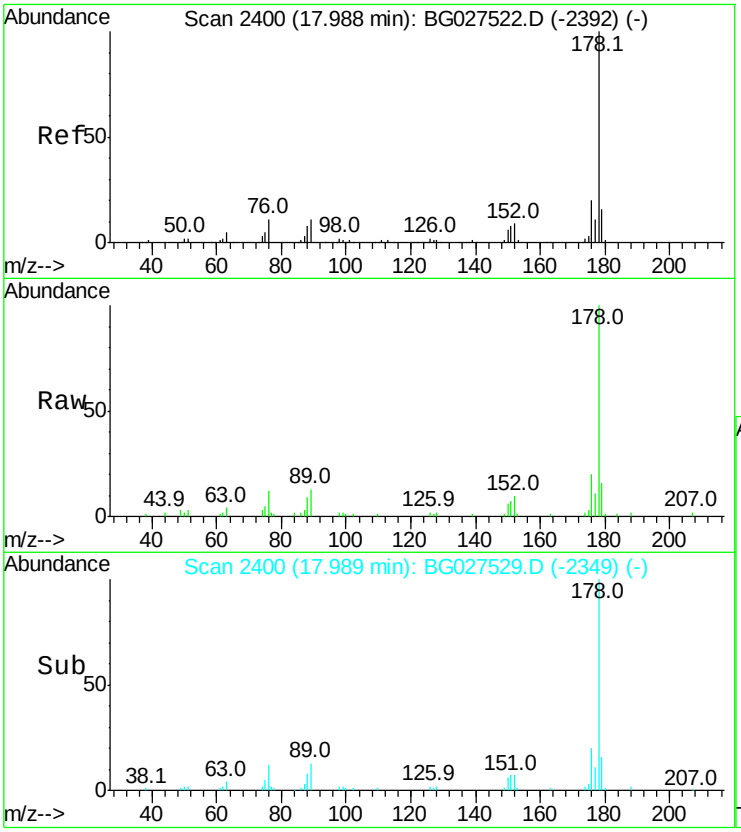


#69
Phenanthrene
Concen: 17.60 ng/ul
RT: 17.90 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Tgt Ion:178 Resp: 243756

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	20.5	16.5	24.7



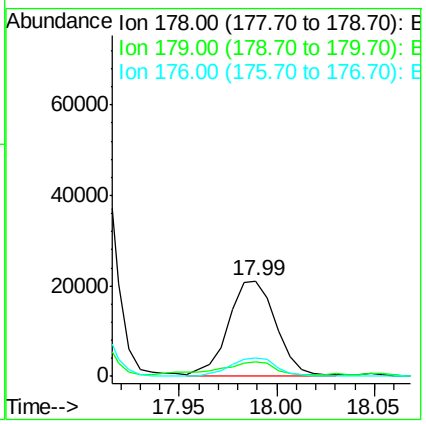


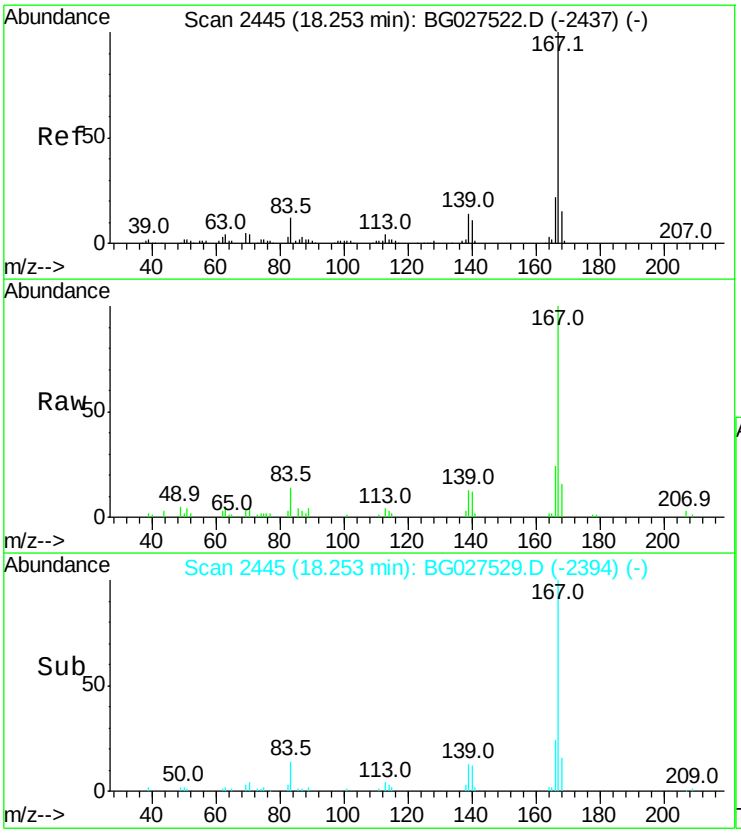
#71
Anthracene
Concen: 2.54 ng/ul
RT: 17.99 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Instrument :
BNA_G
ClientSampleId :
F5B28DL

Tgt Ion:178 Resp: 35799

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.7	15.9	23.9

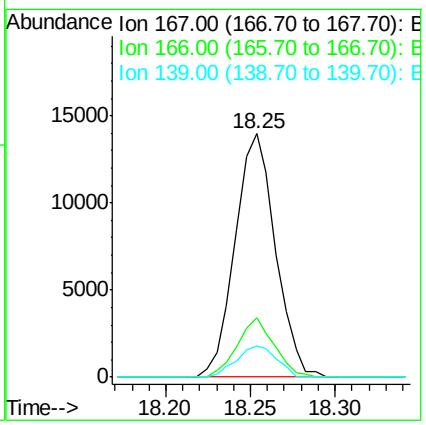


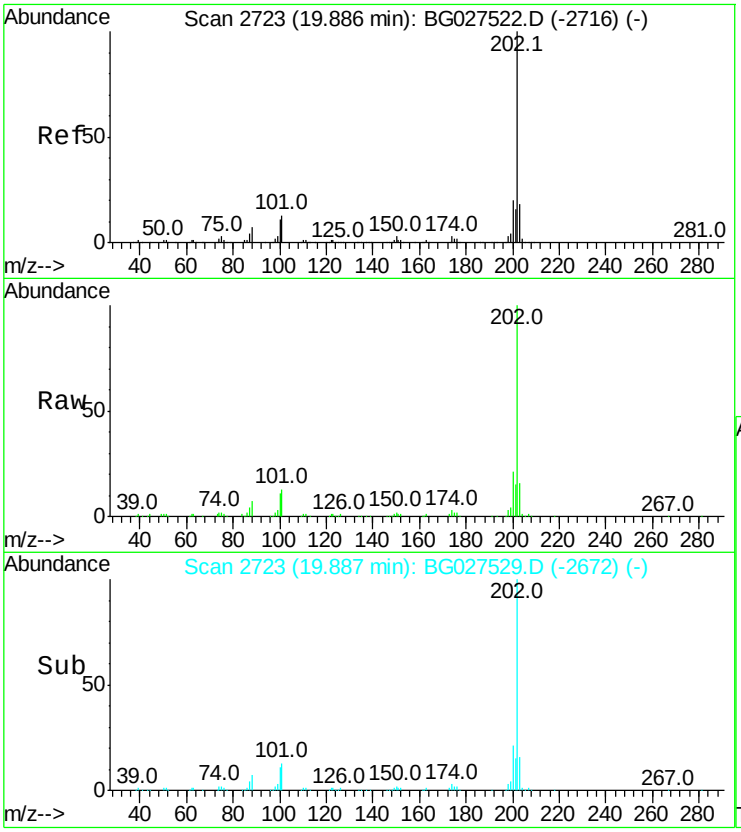


#72
Carbazole
Concen: 1.91 ng/ul
RT: 18.25 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Tgt Ion:167 Resp: 23189

Ion	Ratio	Lower	Upper
167	100		
166	24.3	17.9	26.9
139	12.8	10.5	15.7



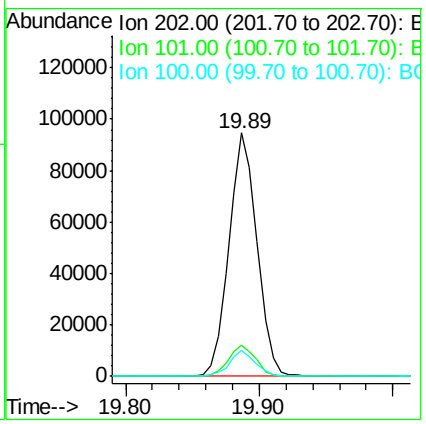


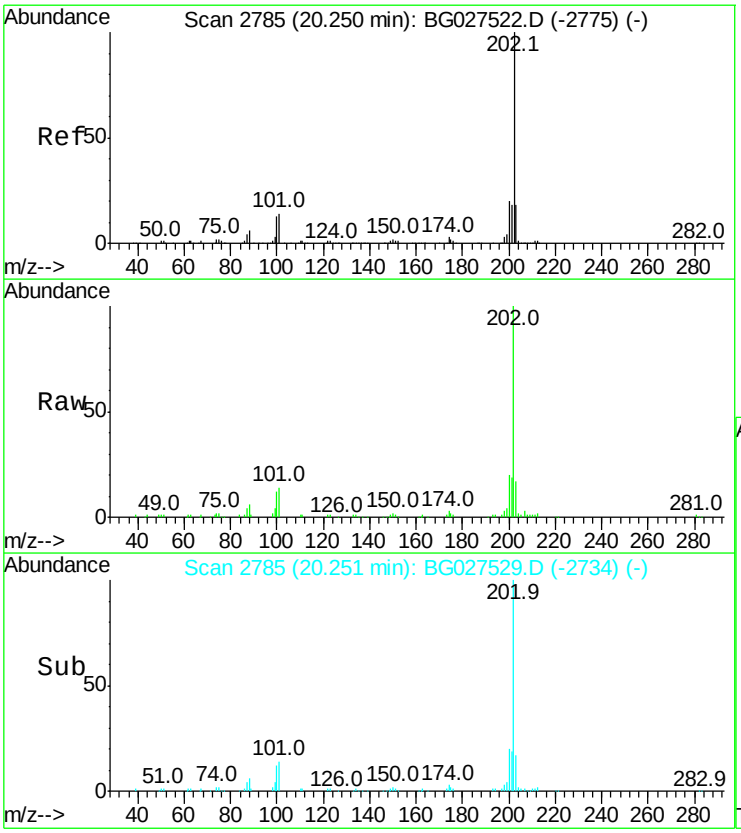
#74
Fluoranthene
Concen: 8.90 ng/ul
RT: 19.89 min Scan# 2723
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Instrument :
BNA_G
ClientSampleId :
F5B28DL

Tgt Ion:202 Resp: 138657

Ion	Ratio	Lower	Upper
202	100		
101	12.5	6.2	9.2#
100	10.6	5.2	7.8#

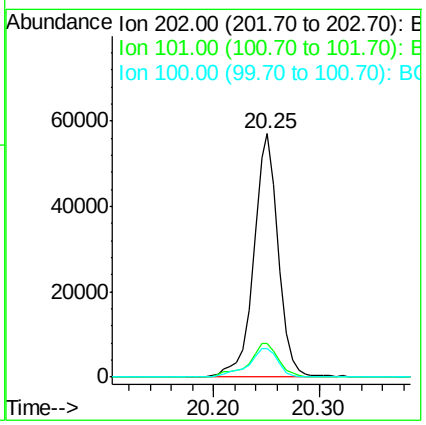


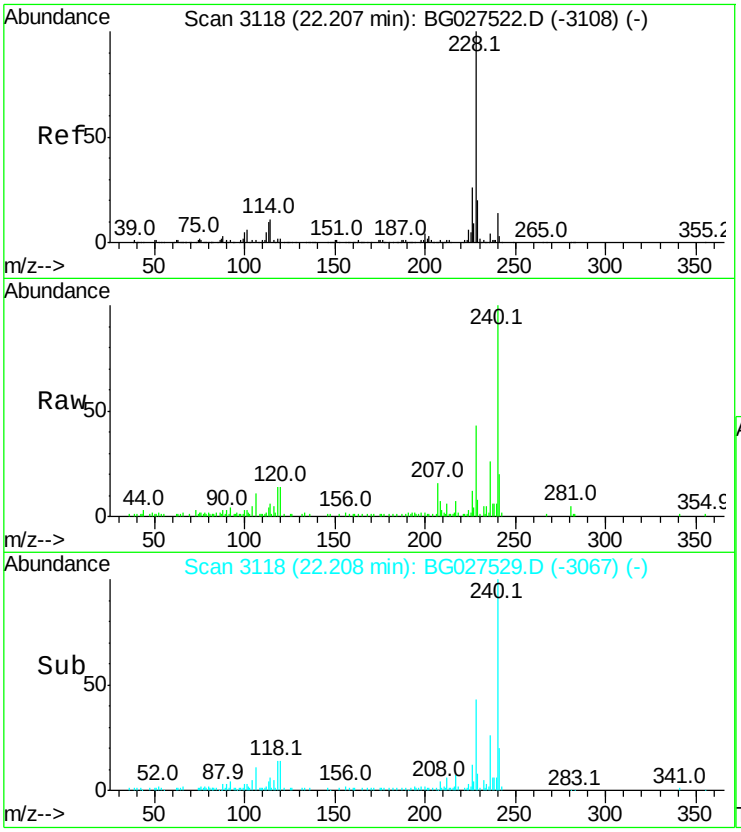


#77
Pyrene
Concen: 5.57 ng/ul
RT: 20.25 min Scan# 2785
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Tgt Ion:202 Resp: 92297

Ion	Ratio	Lower	Upper
202	100		
101	13.8	6.9	10.3#
100	11.7	6.6	10.0#



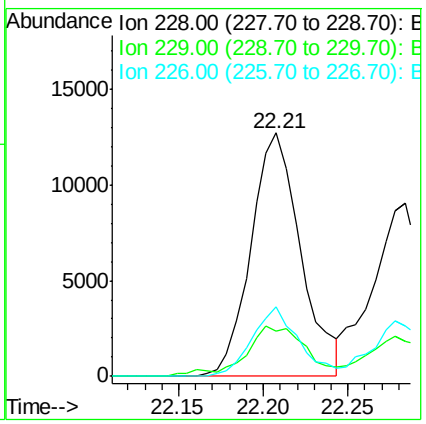


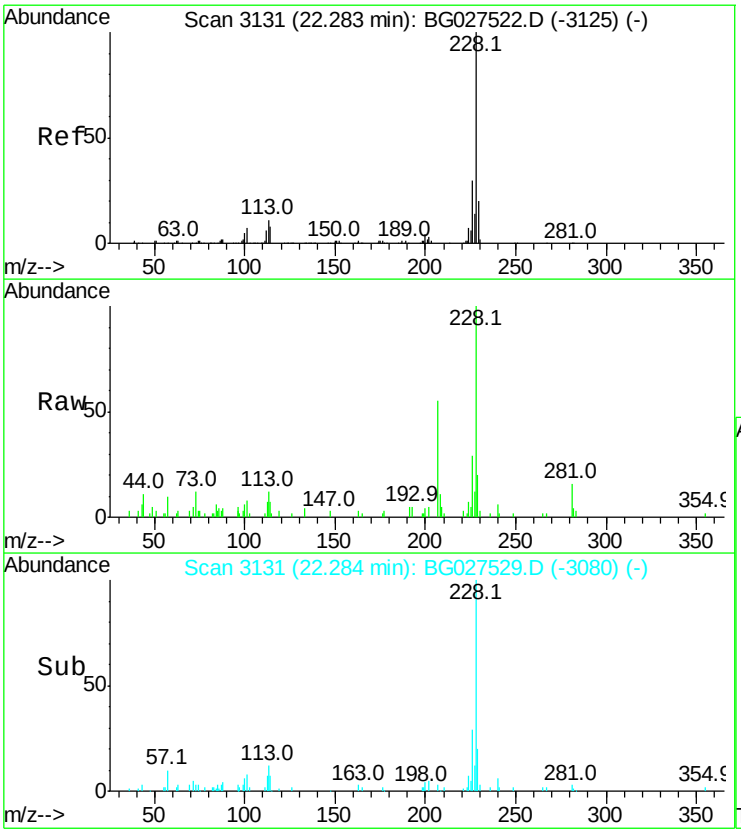
#80
Benzo(a)anthracene
Concen: 1.66 ng/ul
RT: 22.21 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Instrument :
BNA_G
ClientSampleId :
F5B28DL

Tgt Ion:228 Resp: 25961

Ion	Ratio	Lower	Upper
228	100		
229	18.6	16.3	24.5
226	28.7	21.9	32.9





#82
Chrysene
Concen: 1.37 ng/ul
RT: 22.28 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG027529.D
Acq: 19 Jun 2017 14:58

Tgt Ion:228 Resp: 19247

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	20.4	16.9	25.3