Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\

Quantitation Report (Not Reviewed)

Data File : BG027545.D
Acq On : 20 Jun 2017 1:36
Operator : SJ/MA
Sample : I3627-20 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5C49

Quant Time: Jun 20 03:29:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	35739	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	183361	20.00	ng/ul	0.01
35) Acenaphthene-d10	15.10	164	115483	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	247437	20.00	ng/ul	0.00
75) Chrysene-d12	22.24	240	299478	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	272565	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.66	99	2581	0.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.84	67	2079	0.79	ng/ul	0.01
9) 2-Chlorophenol-d4	8.06	132	1836	0.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	2235	0.74	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	1300	0.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	974	0.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	2053	0.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	4616	1.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	9102	0.94	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	9950	0.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	774	0.41	ng/ul	0.01
57) Fluorene-d10	16.09	176	9800	1.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	116	0.08	ng/ul	0.00
70) Anthracene-d10	17.96	188	11984	1.04	ng/ul	0.00
76) Pyrene-d10	20.23	212	14301	0.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	12943	1.05	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	9.62	117	1703	1.72	ng/ul#	1
28) Naphthalene	11.42	128	7227732	767.04	ng/ul#	67
30) 4-Chloroaniline	11.42	127	1614265	483.37	ng/ul#	30
34) 2-Methylnaphthalene	12.96	142	1009347	144.45	ng/ul	95
40) 1,1'-Biphenyl	13.94	154	307129	33.62	ng/ul#	96
47) Acenaphthylene	14.83	152	75592	6.77	ng/ul#	96
49) Acenaphthene	15.17	153	884197	113.59	ng/ul	98
53) Dibenzofuran	15.50	168	1075319	94.78	ng/ul	100
54) 2,4-Dinitrotoluene	15.42	165	10337	3.78	ng/ul#	74
58) Fluorene	16.16	166	1191197	126.52	ng/ul	100
60) 4-Nitroaniline	16.16	138	15511	6.54	ng/ul#	1
64) N-Nitrosodiphenylamine	16.34	169	8360	1.17	ng/ul#	53
69) Phenanthrene	18.00	178	1966717	147.91	ng/ul	96
71) Anthracene	18.00	178	1966717	145.46	ng/ul	96
72) Carbazole	18.26	167	742357	63.84	ng/ul	97
74) Fluoranthene	19.90	202	3131924	209.34	ng/ul#	79
77) Pyrene	20.26	202	2502770	141.38	ng/ul#	82
80) Benzo(a)anthracene	22.21	228	1051937	63.08	ng/ul	97
82) Chrysene	22.29	228	951794	63.19	ng/ul	98
85) Benzo(b)fluoranthene	24.73	252	983122	60.56	ng/ul#	95
86) Benzo(k)fluoranthene	24.73	252	983122	63.01	ng/ul#	97
88) Benzo(a)pyrene	25.72	252	593854	38.10	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	30.09	276	287286	16.15	ng/ul#	92

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\

Quantitation Report (Not Reviewed)

Data File : BG027545.D
Acq On : 20 Jun 2017 1:36
Operator : SJ/MA
Sample : I3627-20 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5C49

Quant Time: Jun 20 03:29:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	31.41	276	197076	13.53	ng/ul#	88

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\

Quantitation Report (Not Reviewed)

Data File : BG027545.D
Acq On : 20 Jun 2017 1:36
Operator : SJ/MA
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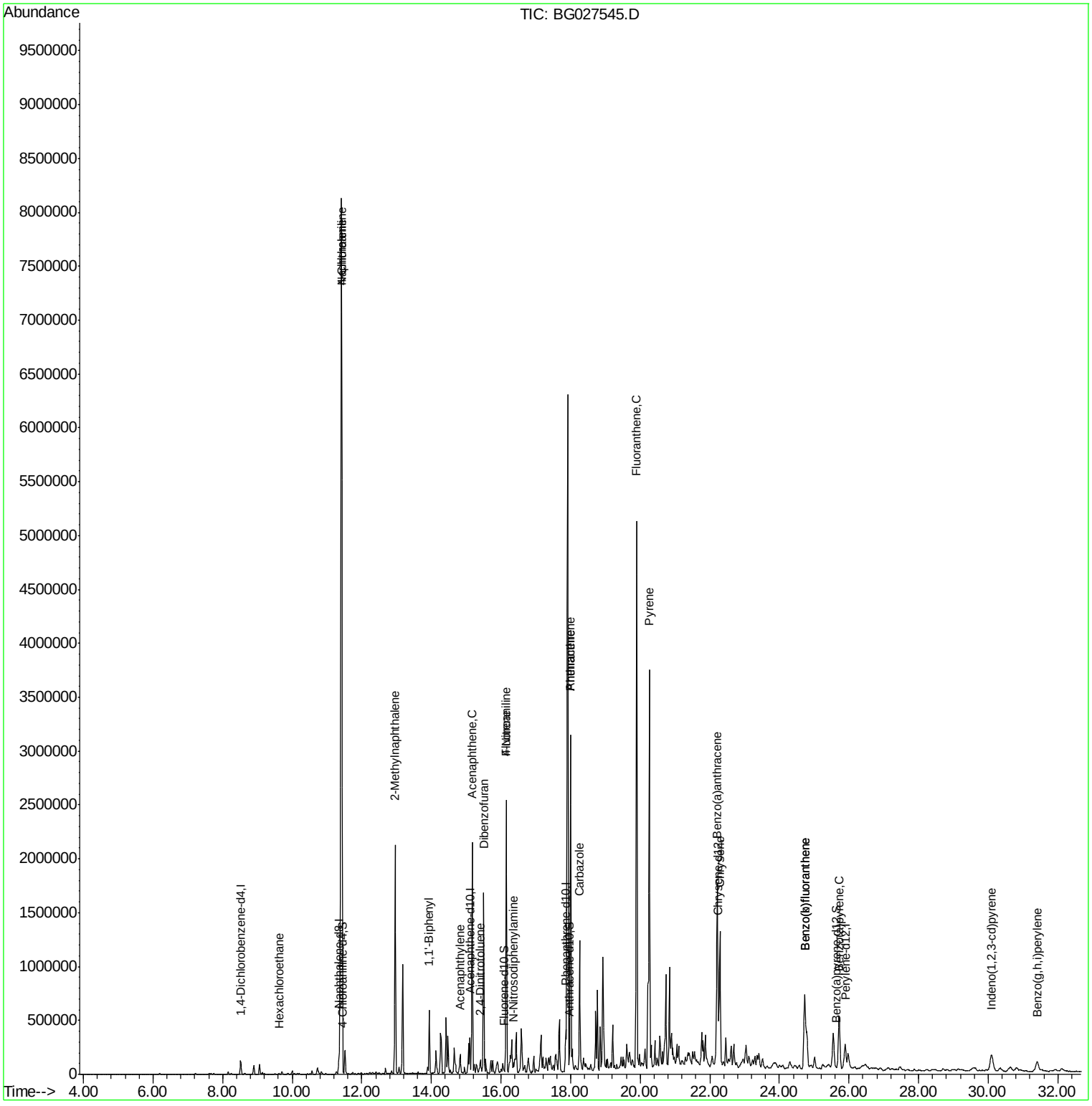
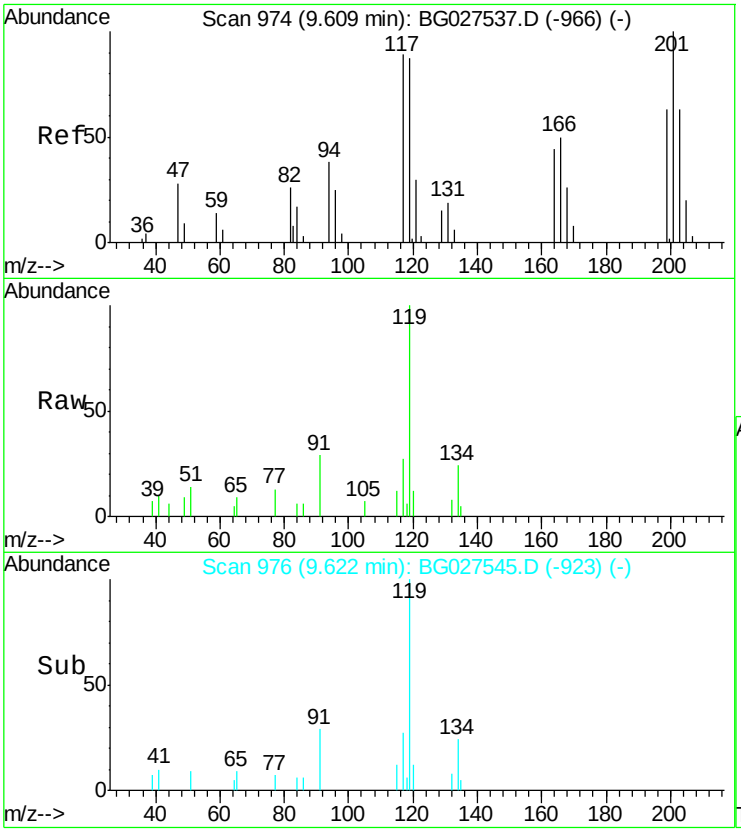
Quant Time: Jun 20 03:29:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration



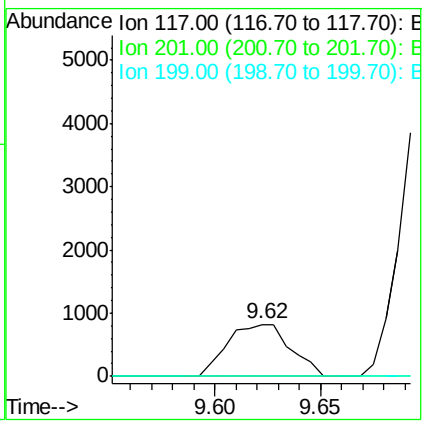


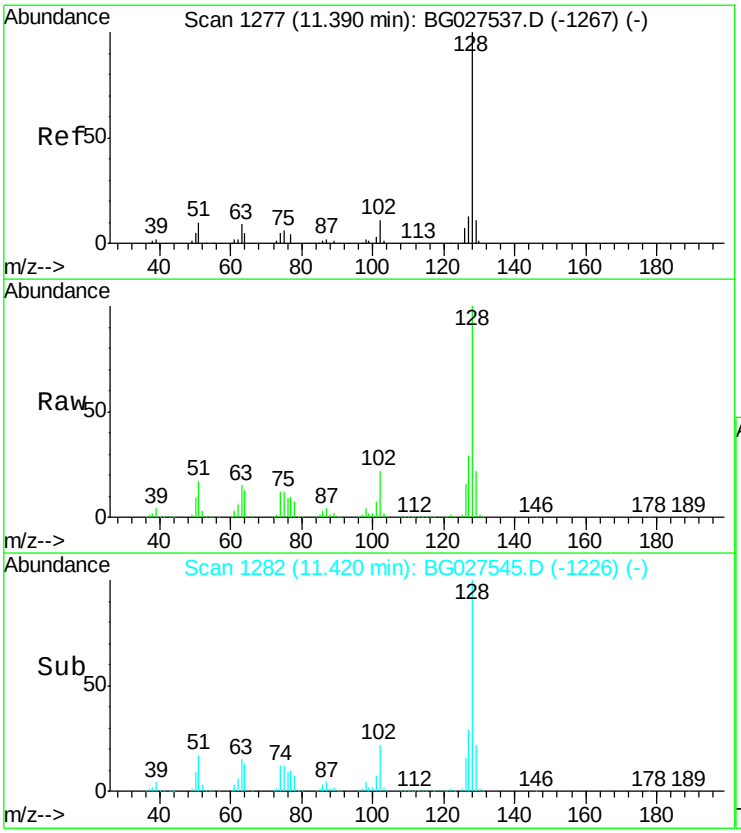
#17
Hexachloroethane
Concen: 1.72 ng/ul
RT: 9.62 min Scan# 976
Delta R.T. 0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Instrument :
BNA_G
ClientSampleId :
F5C49

Tgt Ion:117 Resp: 1703

Ion	Ratio	Lower	Upper
117	100		
201	0.0	91.9	137.9#
199	0.0	64.3	96.5#

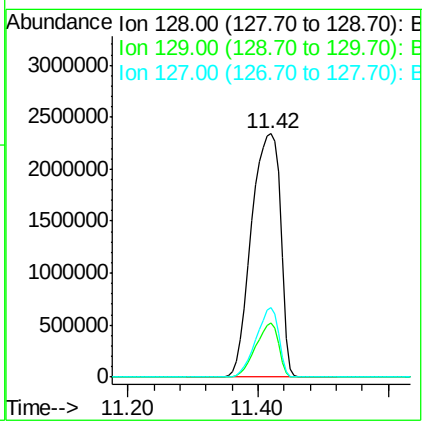


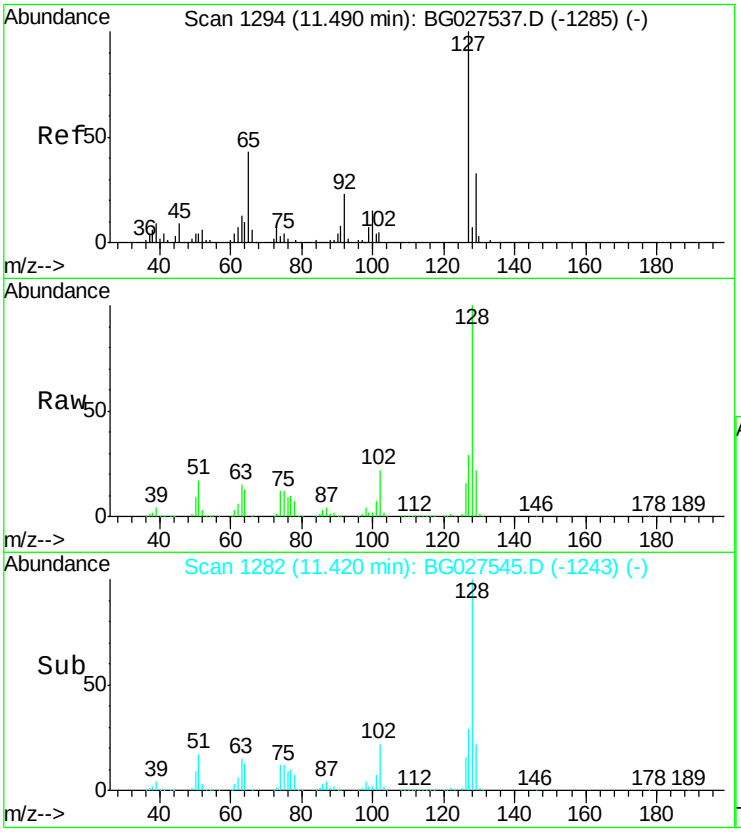


#28
Naphthalene
Concen: 767.04 ng/ul
RT: 11.42 min Scan# 1282
Delta R.T. 0.03 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Tgt Ion:128 Resp: 7227732

Ion	Ratio	Lower	Upper
128	100		
129	22.1	9.4	14.2#
127	28.6	10.3	15.5#



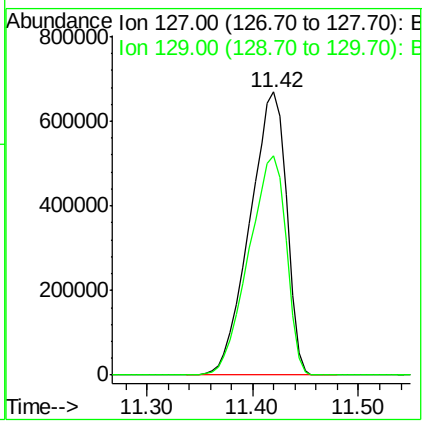


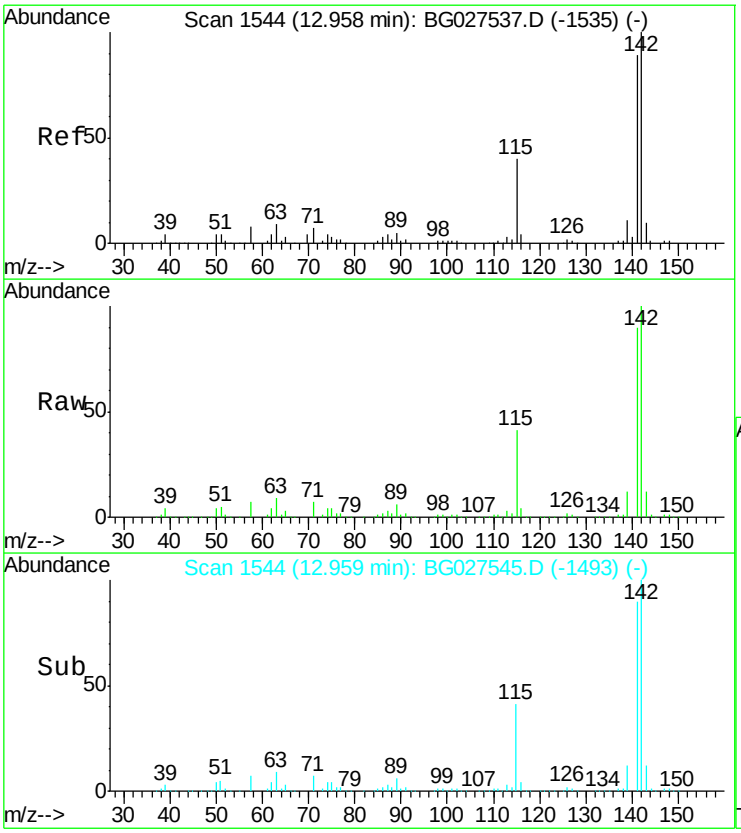
#30
4-Chloroaniline
Concen: 483.37 ng/ul
RT: 11.42 min Scan# 1282
Delta R.T. -0.07 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Instrument :
BNA_G
ClientSampleId :
F5C49

Tgt Ion:127 Resp: 1614265

Ion	Ratio	Lower	Upper
127	100		
129	77.5	28.9	43.3#

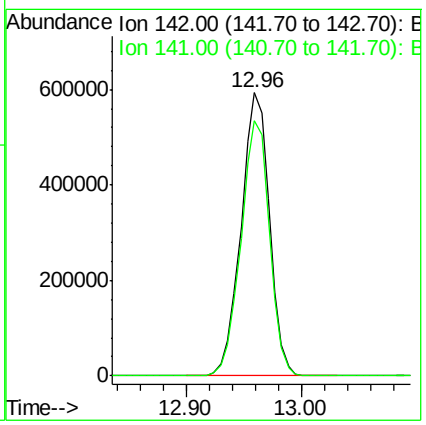


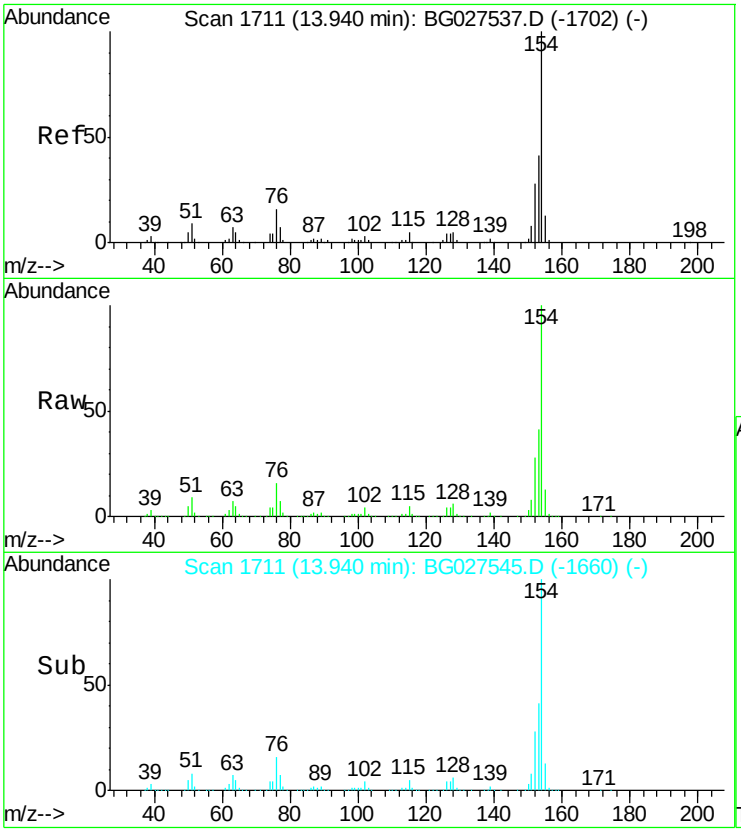


#34
2-Methylnaphthalene
Concen: 144.45 ng/ul
RT: 12.96 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Tgt Ion:142 Resp: 1009347

Ion	Ratio	Lower	Upper
142	100		
141	90.1	68.6	102.8



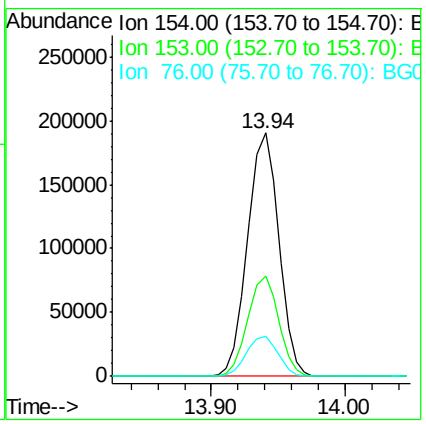


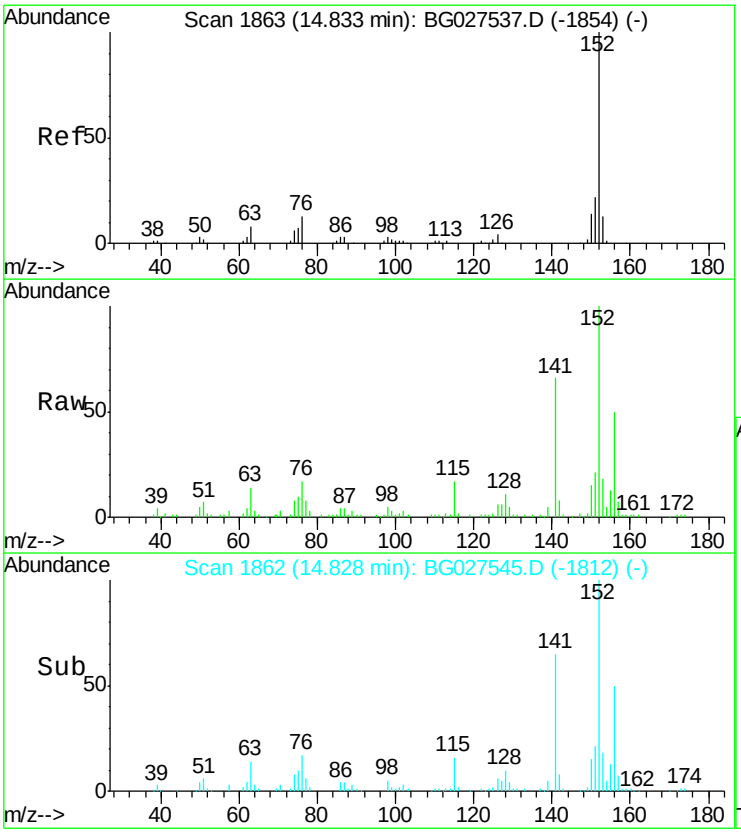
#40
1,1'-Biphenyl
Concen: 33.62 ng/ul
RT: 13.94 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Instrument :
BNA_G
ClientSampleId :
F5C49

Tgt Ion:154 Resp: 307129

Ion	Ratio	Lower	Upper
154	100		
153	41.0	32.2	48.2
76	16.3	9.6	14.4#

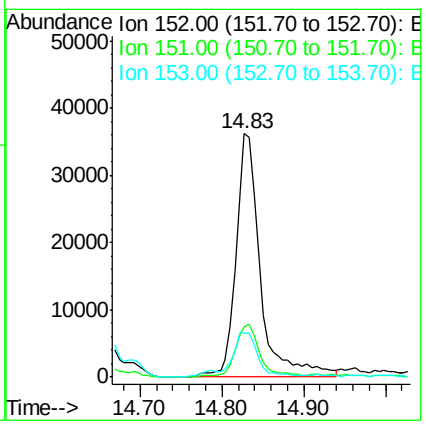


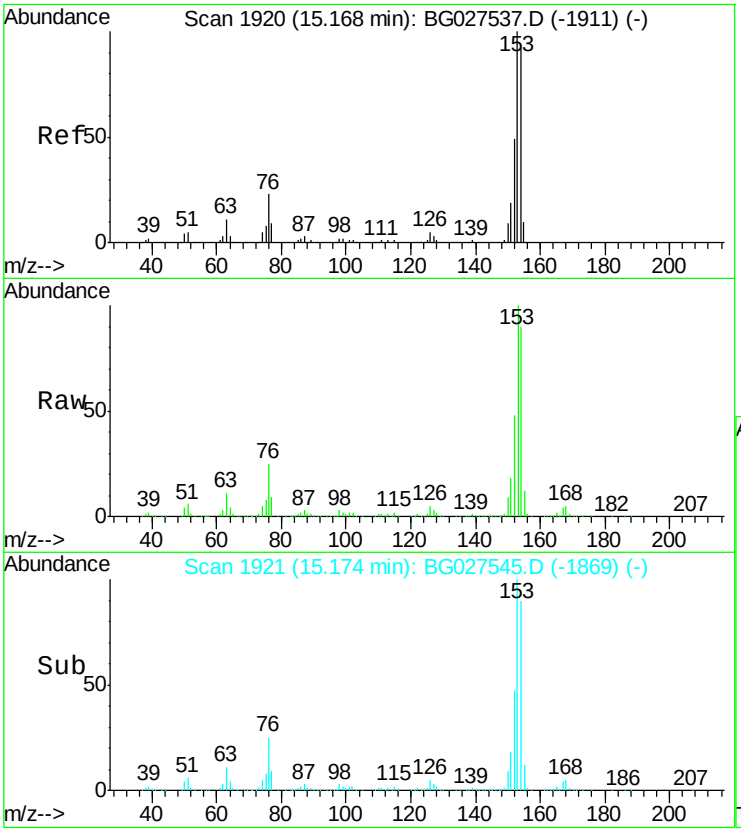


#47
Acenaphthylene
Concen: 6.77 ng/ul
RT: 14.83 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Tgt Ion:152 Resp: 75592

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1
153	18.0	11.4	17.2#



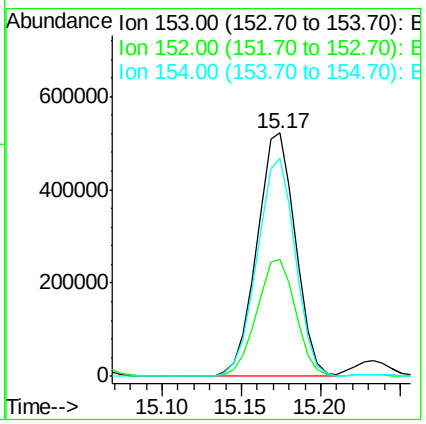


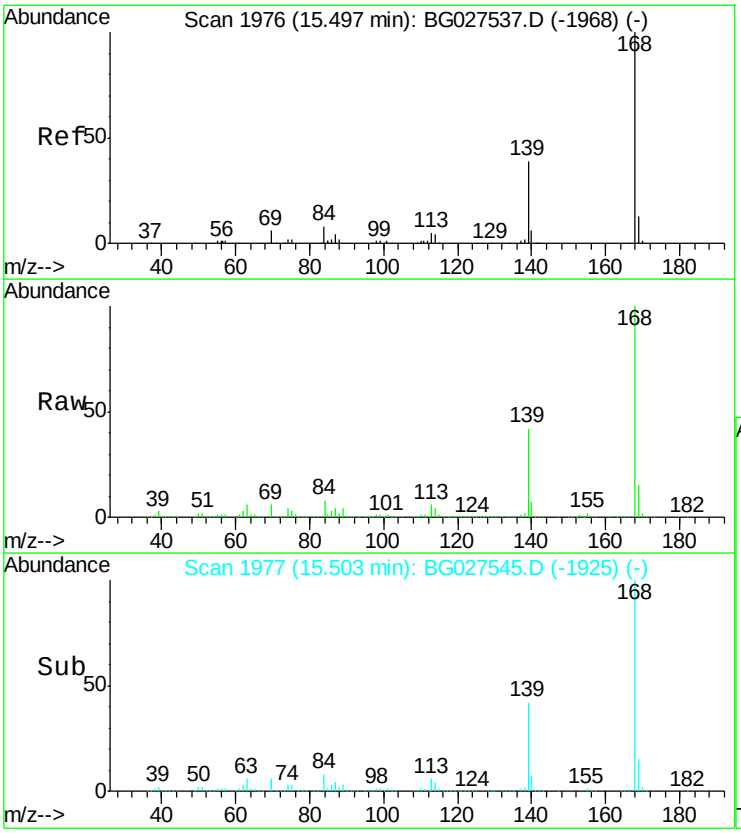
#49
Acenaphthene
Concen: 113.59 ng/ul
RT: 15.17 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Instrument :
BNA_G
ClientSampleId :
F5C49

Tgt Ion:153 Resp: 884197

Ion	Ratio	Lower	Upper
153	100		
152	47.9	36.5	54.7
154	89.8	72.3	108.5

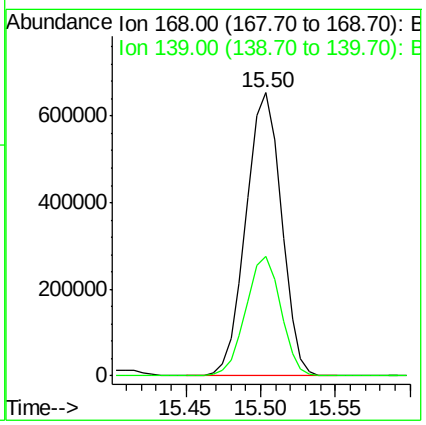


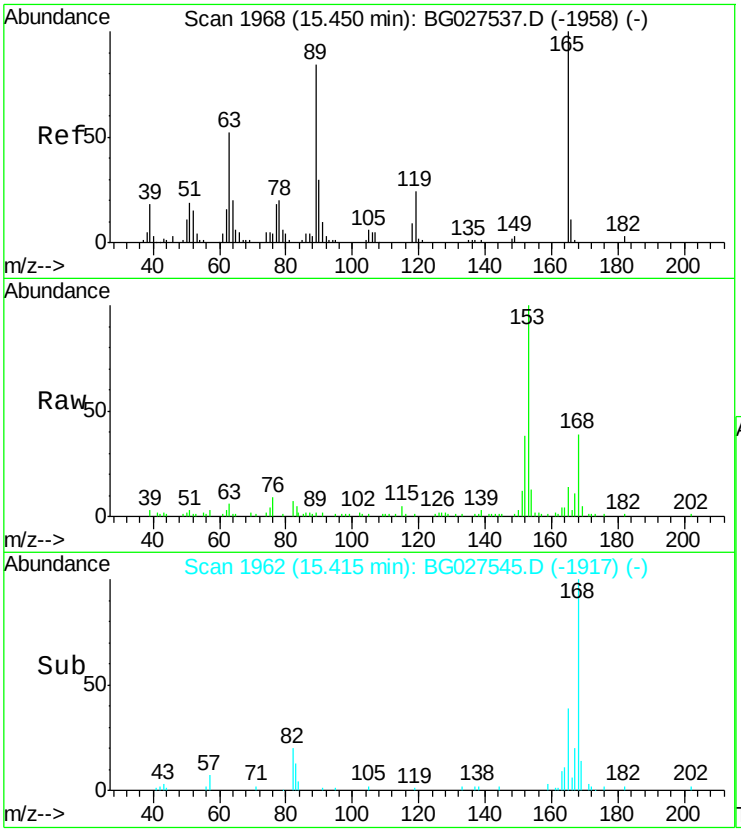


#53
Dibenzofuran
Concen: 94.78 ng/ul
RT: 15.50 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Tgt Ion:168 Resp: 1075319

Ion	Ratio	Lower	Upper
168	100		
139	42.5	33.8	50.8



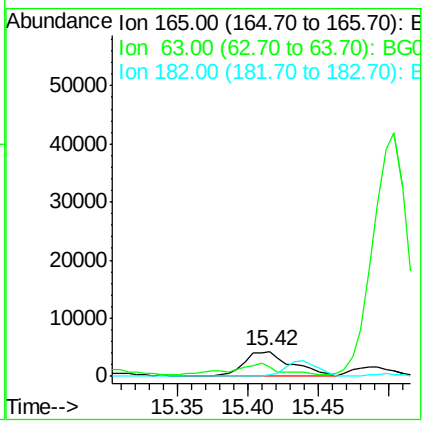


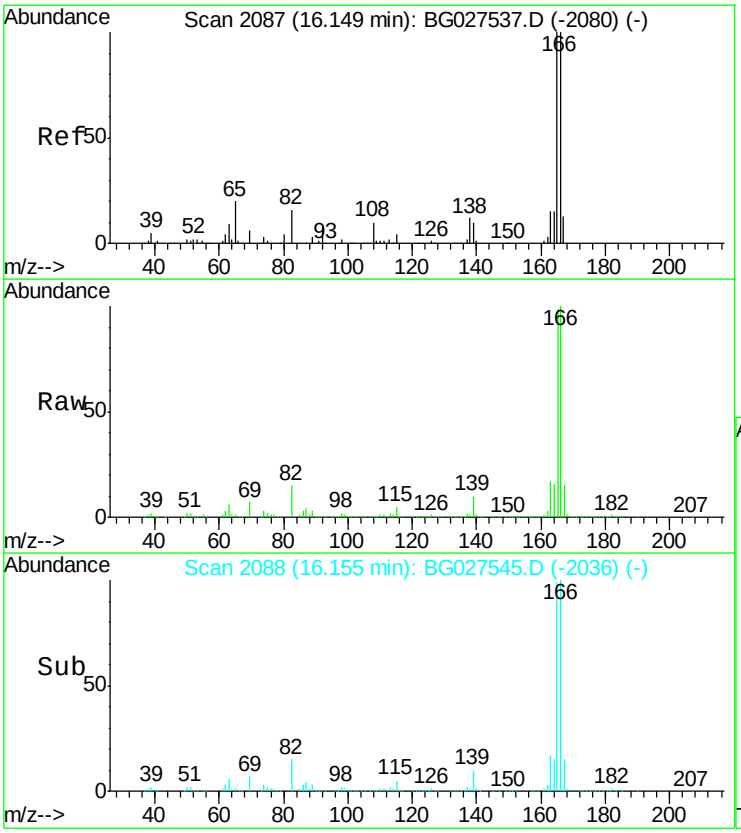
#54
2,4-Dinitrotoluene
Concen: 3.78 ng/ul
RT: 15.42 min Scan# 1962
Delta R.T. -0.03 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Instrument :
BNA_G
ClientSampleId :
F5C49

Tgt Ion:165 Resp: 10337

Ion	Ratio	Lower	Upper
165	100		
63	38.8	46.8	70.2#
182	4.8	1.8	2.6#

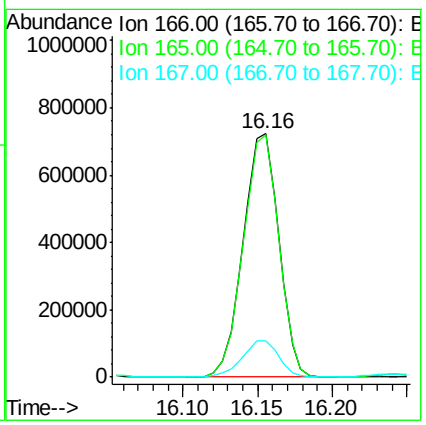


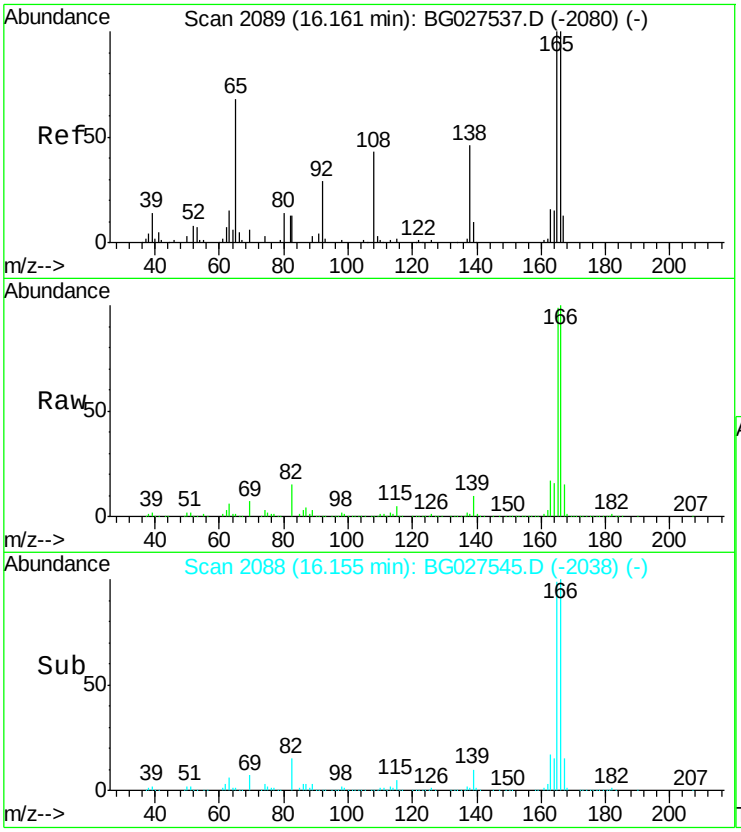


#58
Fluorene
Concen: 126.52 ng/ul
RT: 16.16 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Tgt Ion:166 Resp: 1191197

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.7	119.5
167	14.8	11.4	17.2



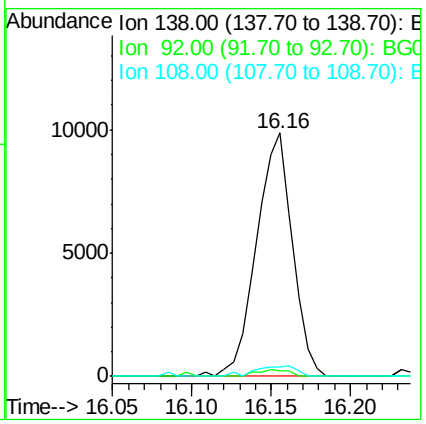


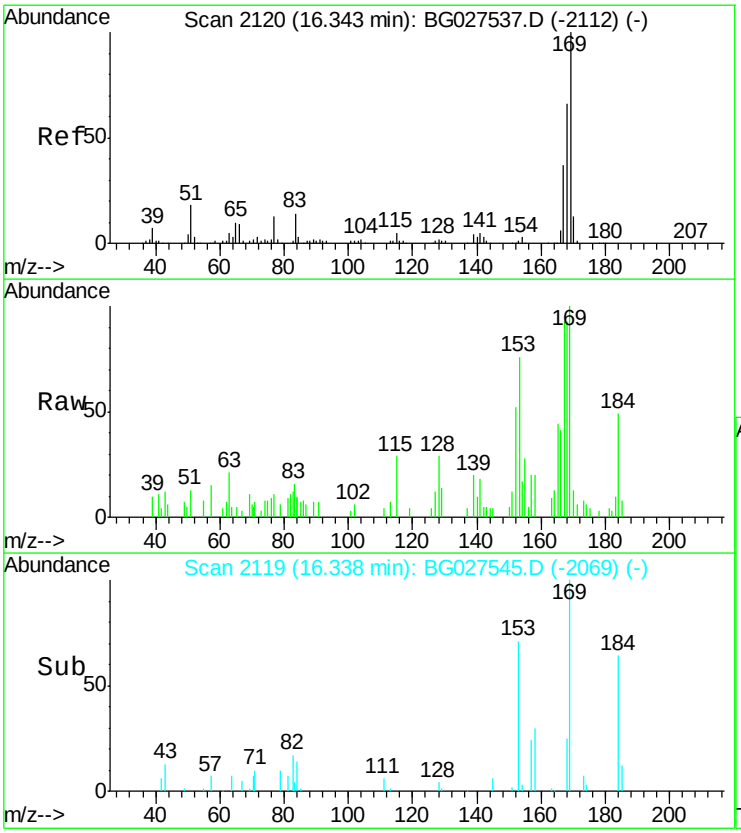
#60
4-Nitroaniline
Concen: 6.54 ng/ul
RT: 16.16 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Instrument :
BNA_G
ClientSampleId :
F5C49

Tgt Ion:138 Resp: 15511

Ion	Ratio	Lower	Upper
138	100		
92	2.3	56.9	85.3#
108	3.9	104.9	157.3#

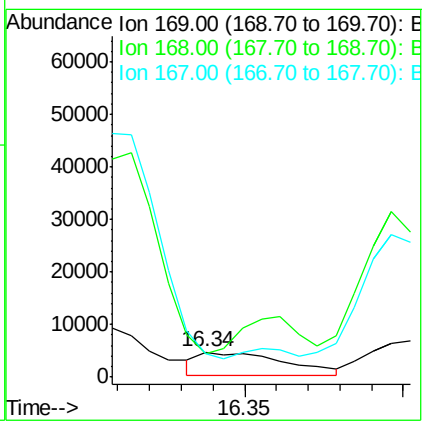


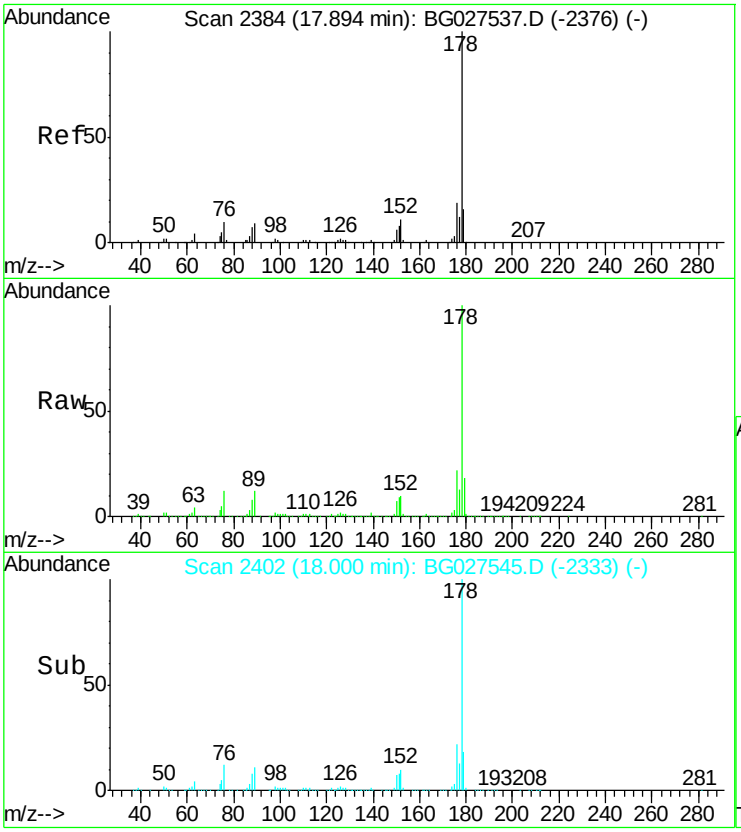


#64
N-Nitrosodiphenylamine
Concen: 1.17 ng/ul
RT: 16.34 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Tgt Ion:169 Resp: 8360

Ion	Ratio	Lower	Upper
169	100		
168	93.3	59.1	88.7#
167	93.4	29.7	44.5#



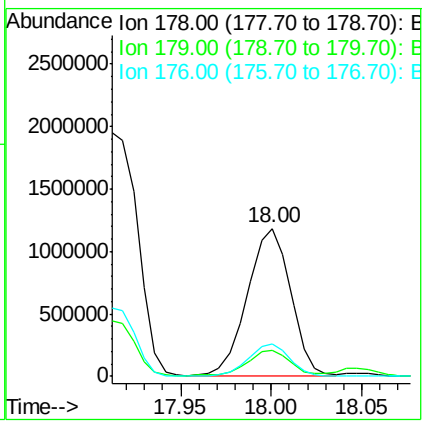


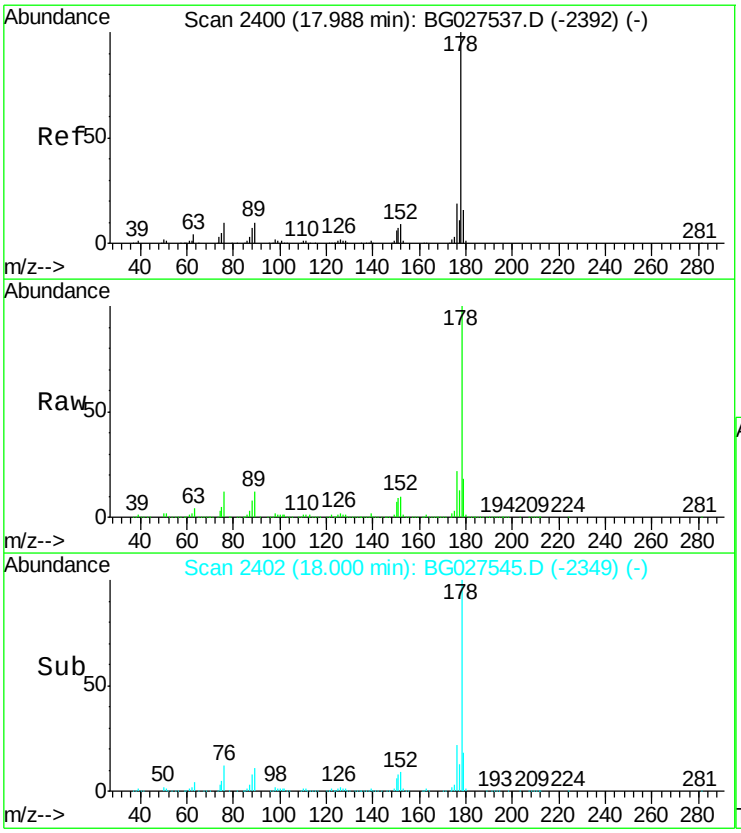
#69
Phenanthrene
Concen: 147.91 ng/ul
RT: 18.00 min Scan# 2402
Delta R.T. 0.11 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Instrument :
BNA_G
ClientSampleId :
F5C49

Tgt Ion:178 Resp: 1966717

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.4	18.6
176	21.7	16.5	24.7

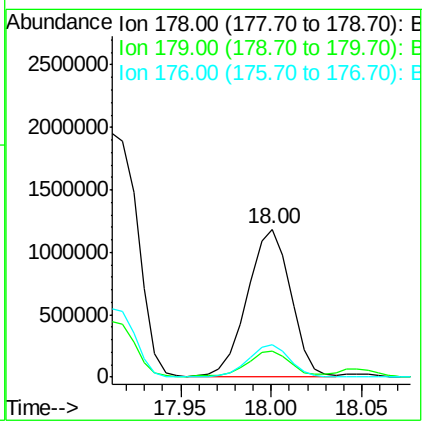


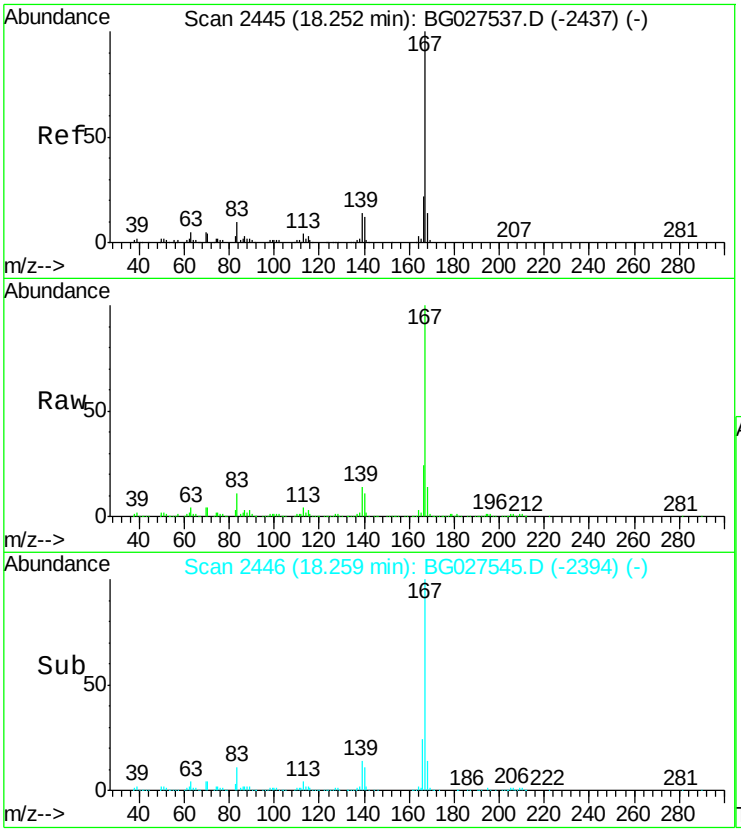


#71
Anthracene
Concen: 145.46 ng/ul
RT: 18.00 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Tgt Ion:178 Resp: 1966717

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.6	19.0
176	21.7	15.9	23.9



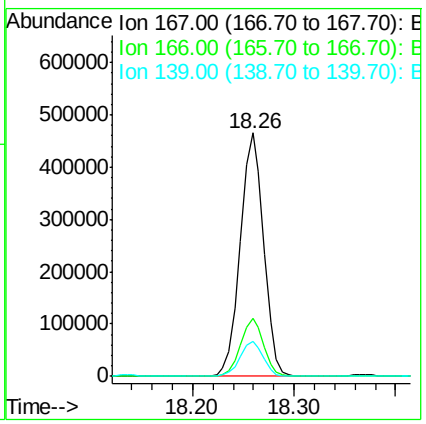


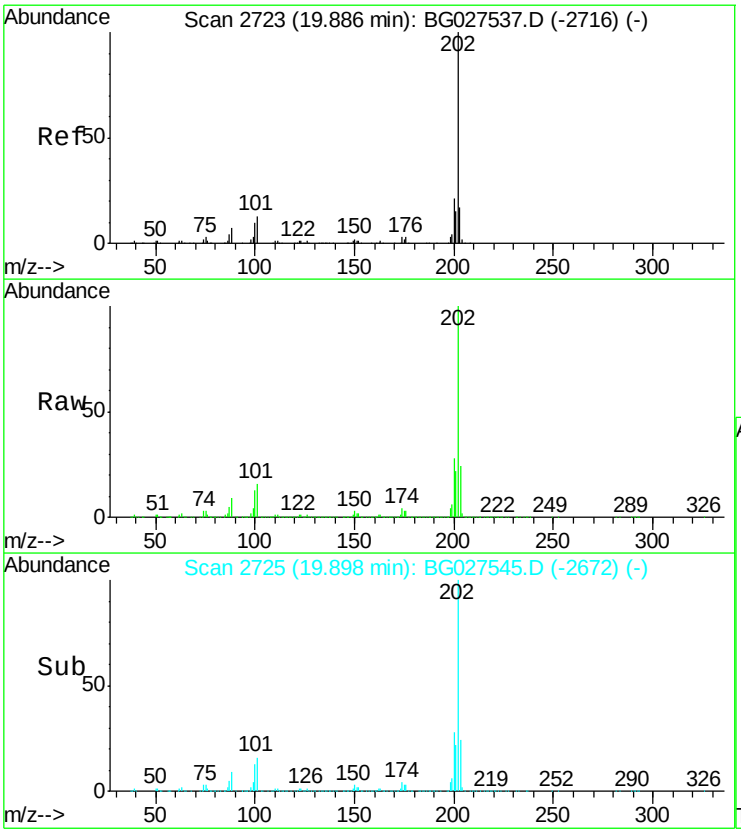
#72
Carbazole
Concen: 63.84 ng/ul
RT: 18.26 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Instrument :
BNA_G
ClientSampleId :
F5C49

Tgt Ion:167 Resp: 742357

Ion	Ratio	Lower	Upper
167	100		
166	23.8	17.9	26.9
139	14.2	10.5	15.7

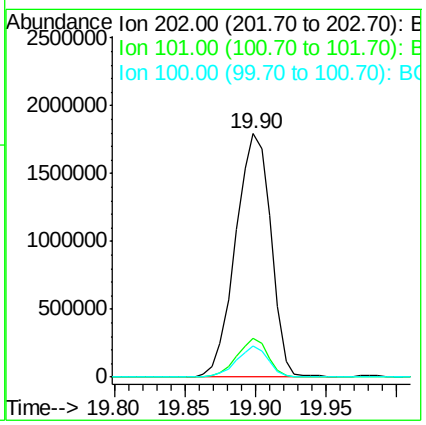


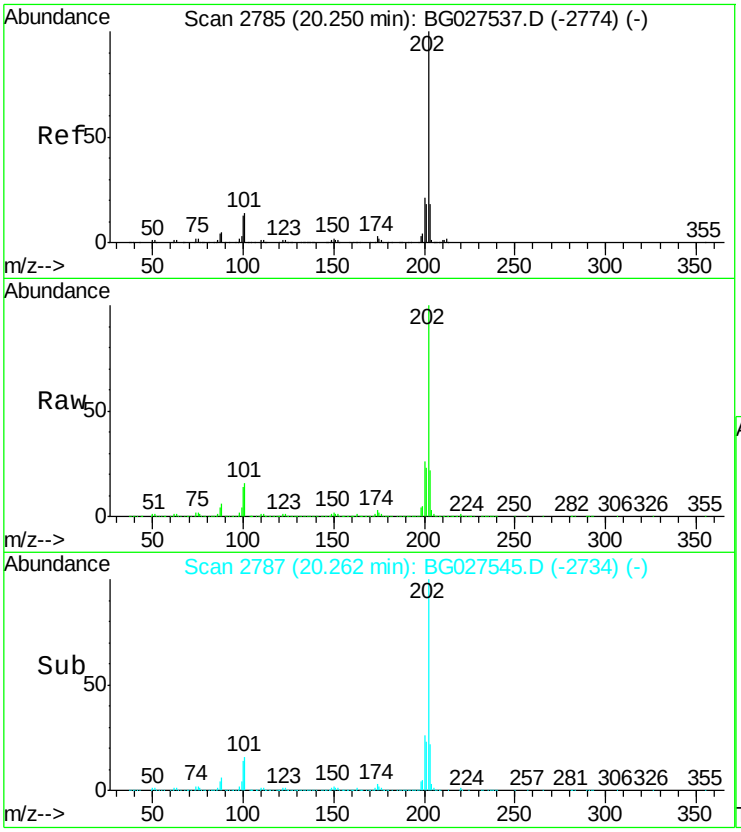


#74
Fluoranthene
Concen: 209.34 ng/ul
RT: 19.90 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Tgt Ion:202 Resp: 3131924

Ion	Ratio	Lower	Upper
202	100		
101	15.9	6.2	9.2#
100	12.6	5.2	7.8#



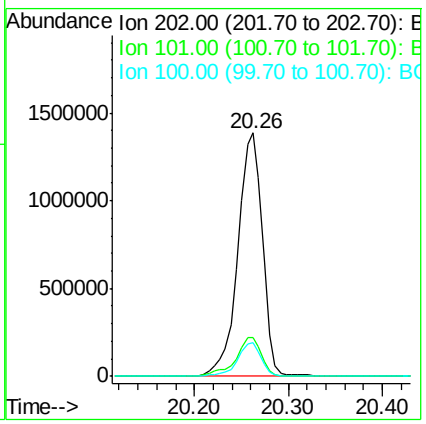


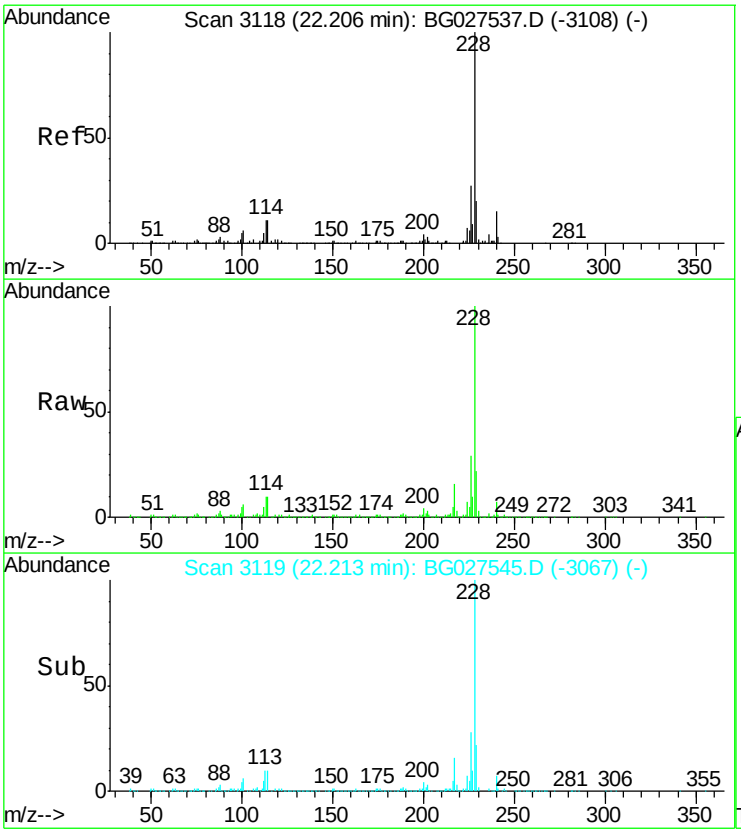
#77
Pyrene
Concen: 141.38 ng/ul
RT: 20.26 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Instrument :
BNA_G
ClientSampleId :
F5C49

Tgt Ion:202 Resp: 2502770

Ion	Ratio	Lower	Upper
202	100		
101	16.2	6.9	10.3#
100	13.7	6.6	10.0#

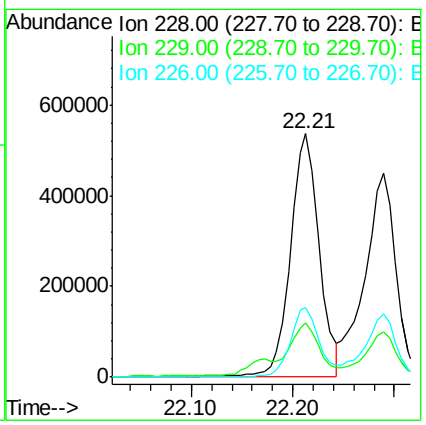


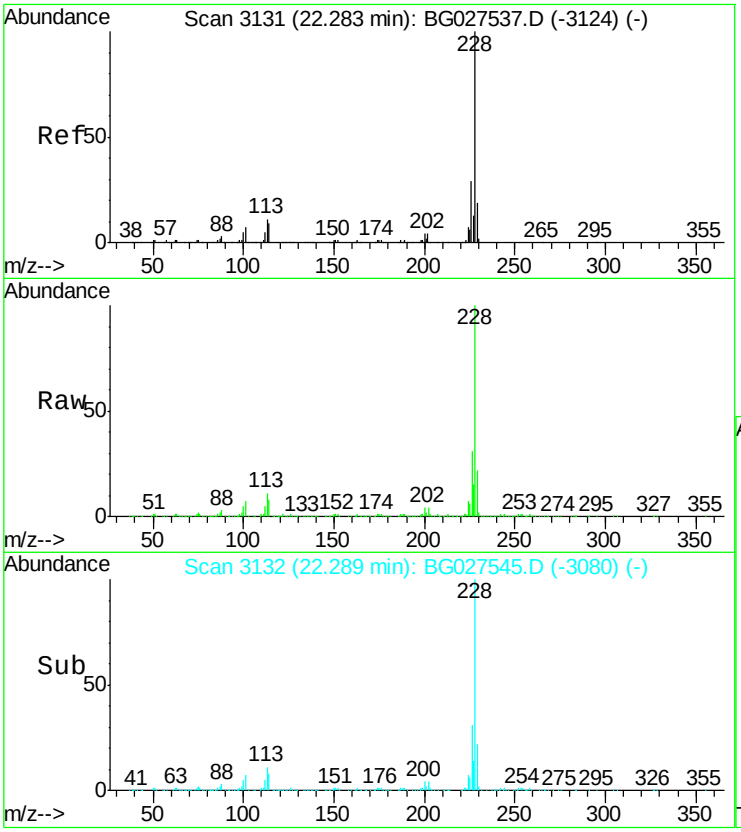


#80
Benzo(a)anthracene
Concen: 63.08 ng/ul
RT: 22.21 min Scan# 3119
Delta R.T. 0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Tgt Ion:228 Resp: 1051937

Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.3	24.5
226	28.5	21.9	32.9



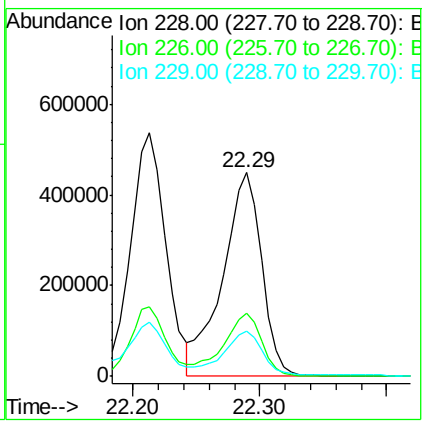


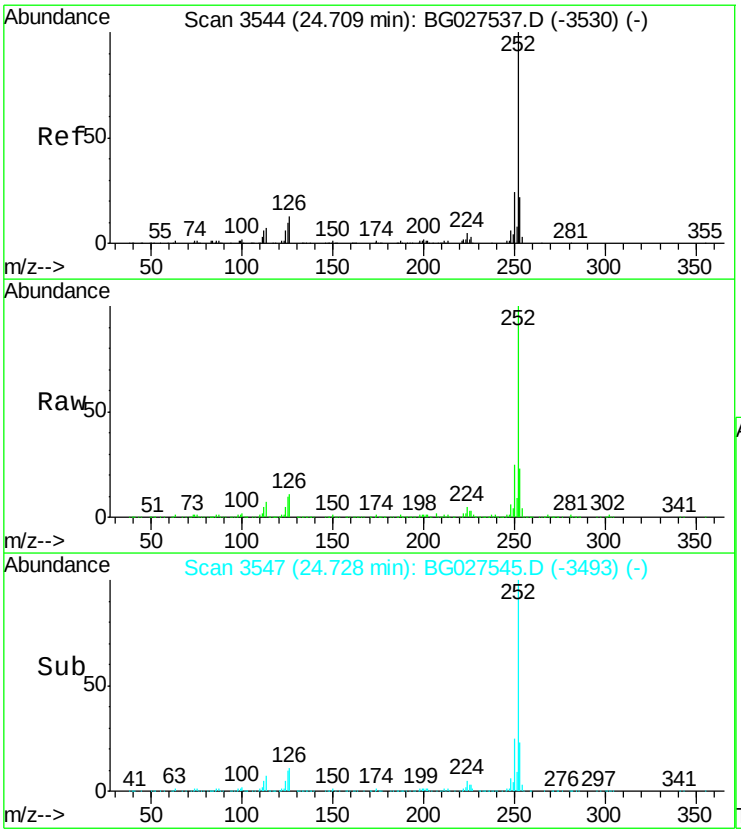
#82
Chrysene
Concen: 63.19 ng/ul
RT: 22.29 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Instrument :
BNA_G
ClientSampleId :
F5C49

Tgt Ion:228 Resp: 951794

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	22.5	16.9	25.3

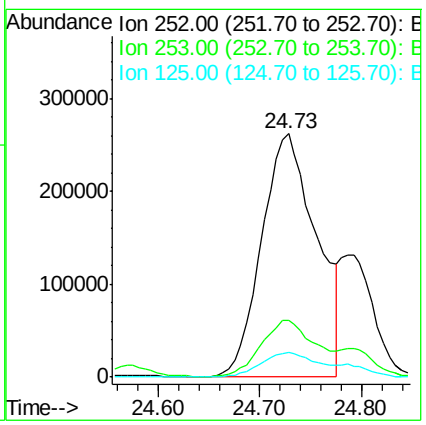


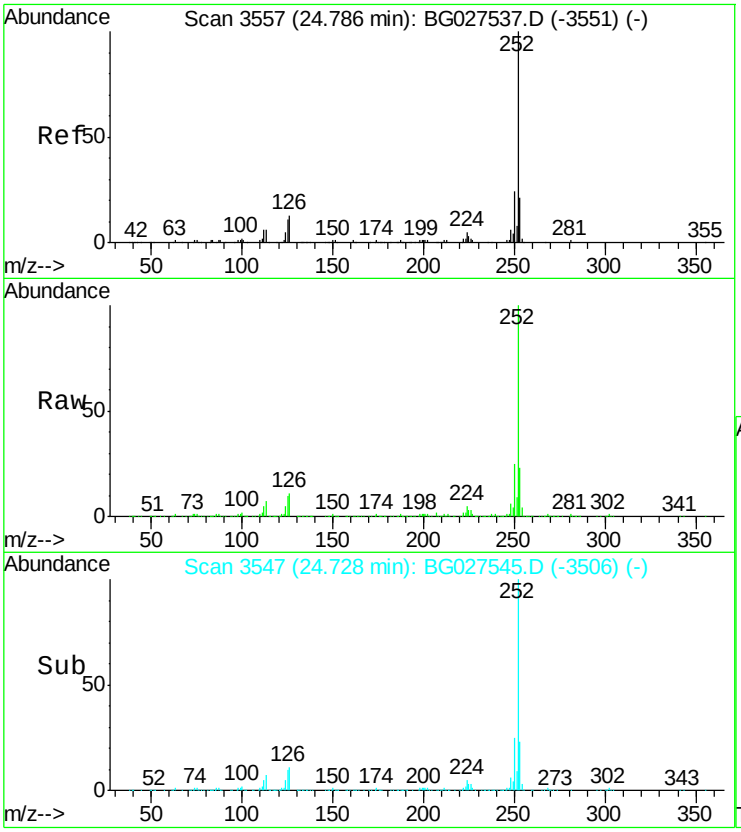


#85
Benzo(b)fluoranthene
Concen: 60.56 ng/ul
RT: 24.73 min Scan# 3547
Delta R.T. 0.02 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Tgt Ion:252 Resp: 983122

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.4	4.0	6.0#



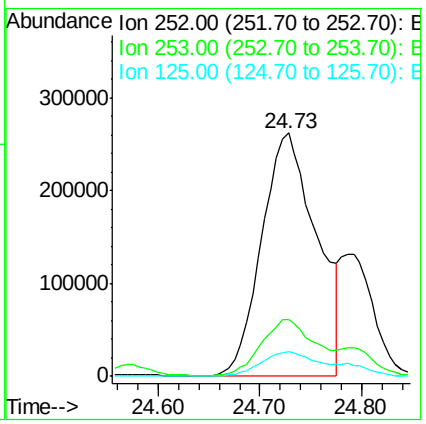


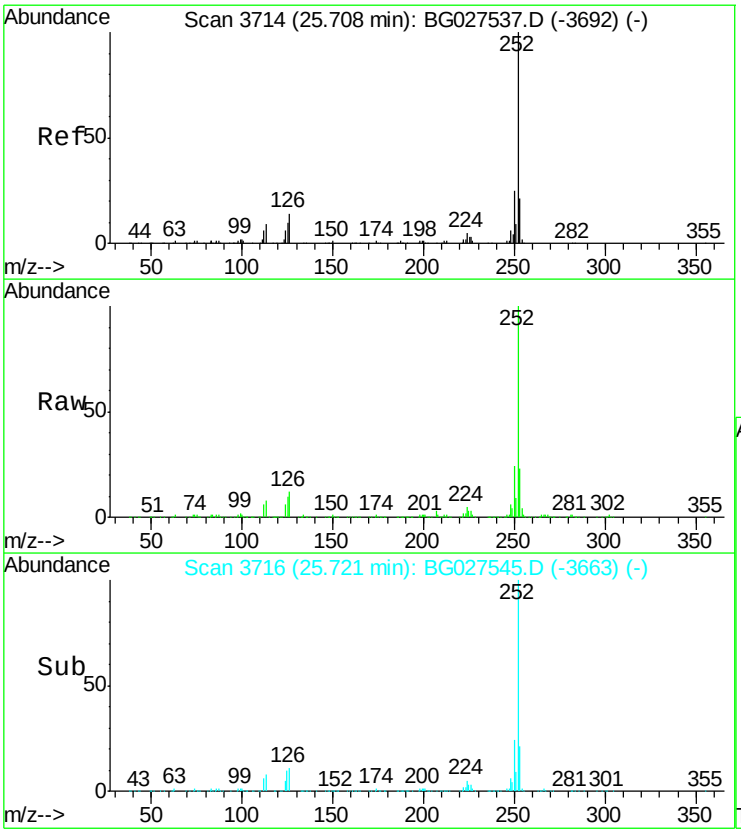
#86
Benzo(k)fluoranthene
Concen: 63.01 ng/ul
RT: 24.73 min Scan# 3547
Delta R.T. -0.06 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Instrument :
BNA_G
ClientSampleId :
F5C49

Tgt Ion:252 Resp: 983122

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	10.4	4.1	6.1#

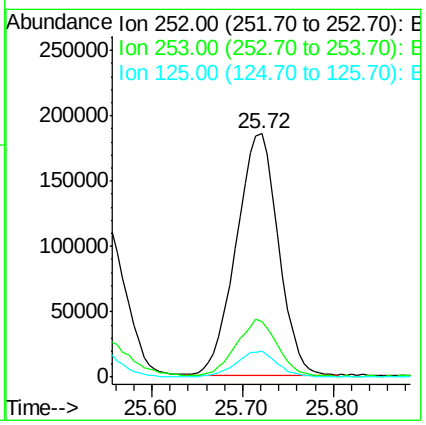


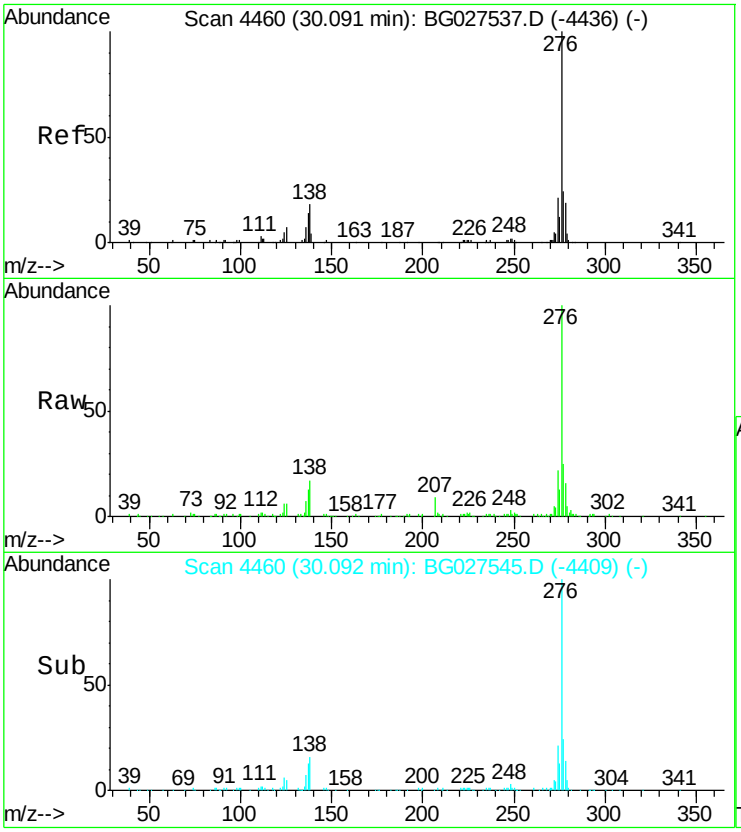


#88
Benzo(a)pyrene
Concen: 38.10 ng/ul
RT: 25.72 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Tgt Ion:252 Resp: 593854

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	10.5	5.4	8.0#



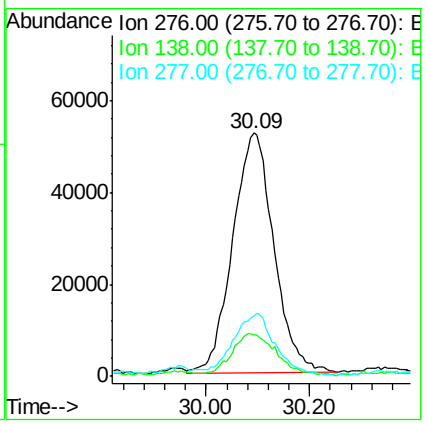


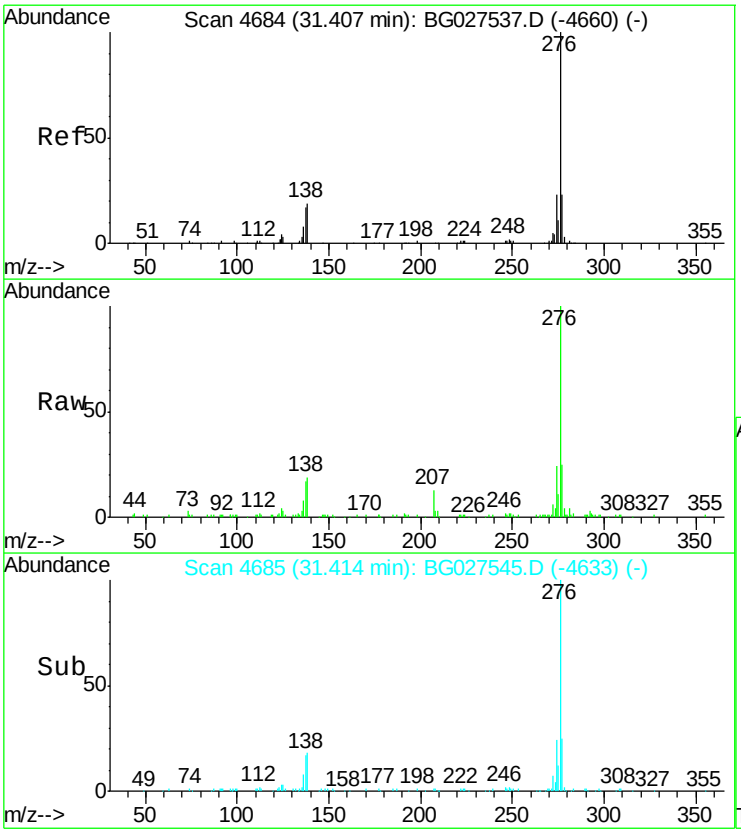
#89
Indeno(1,2,3-cd)pyrene
Concen: 16.15 ng/ul
RT: 30.09 min Scan# 4460
Delta R.T. 0.00 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Instrument :
BNA_G
ClientSampleId :
F5C49

Tgt Ion:276 Resp: 287286

Ion	Ratio	Lower	Upper
276	100		
138	17.0	8.2	12.4#
277	25.1	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 13.53 ng/ul
RT: 31.41 min Scan# 4685
Delta R.T. 0.01 min
Lab File: BG027545.D
Acq: 20 Jun 2017 1:36

Tgt Ion:276 Resp: 197076

Ion	Ratio	Lower	Upper
276	100		
138	19.0	8.6	12.8#
277	25.3	17.6	26.4