Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062417\
Data File : BG027655.D
Acq On : 24 Jun 2017 12:12
Operator : SJ/JU
Sample : I3870-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 26 04:17:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	19729	20.00	ng		0.00
21) Naphthalene-d8	11.33	136	100210	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	62998	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	153558	20.00	ng		0.00
75) Chrysene-d12	22.21	240	177496	20.00	ng		0.00
86) Perylene-d12	25.85	264	166172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	89135	64.30	ng		0.00
7) Phenol-d6	7.64	99	85664	41.74	ng		0.00
23) Nitrobenzene-d5	9.67	82	163844	77.37	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	120755	128.57	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	389674	84.49	ng		0.00
78) Terphenyl-d14	20.42	244	617243	81.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.09	88	2894	5.38	ng		87
17) 2-Methylphenol	8.92	107	3654	2.48	ng		94
18) Hexachloroethane	9.61	117	1536	2.51	ng	#	1
20) 3+4-Methylphenols	9.25	107	7890	3.92	ng		83
27) 2,4-Dimethylphenol	10.46	122	45933	28.33	ng		87
31) Naphthalene	11.39	128	2425742	447.86	ng		95
32) Benzoic acid	10.46	122	45933	41.12	ng	#	11
33) 4-Chloroaniline	11.39	127	378068	164.58	ng	#	27
37) 2-Methylnaphthalene	12.94	142	134909	34.27	ng		99
45) 1,1'-Biphenyl	13.92	154	35266	6.71	ng		95
48) Acenaphthylene	14.82	152	14969	2.19	ng	#	90
49) Dimethylphthalate	14.52	163	29151	5.28	ng		99
51) Acenaphthene	15.16	154	93866	19.68	ng		99
54) Dibenzofuran	15.49	168	92235	14.85	ng		97
57) Fluorene	16.13	166	69676	11.84	ng		97
70) Phenanthrene	17.88	178	129138	14.78	ng		94
71) Anthracene	17.97	178	24612	2.80	ng		96
72) Carbazole	18.24	167	113652	13.26	ng		96
74) Fluoranthene	19.89	202	28169	2.77	ng		94
77) Pyrene	20.24	202	22125	2.05	ng		94

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

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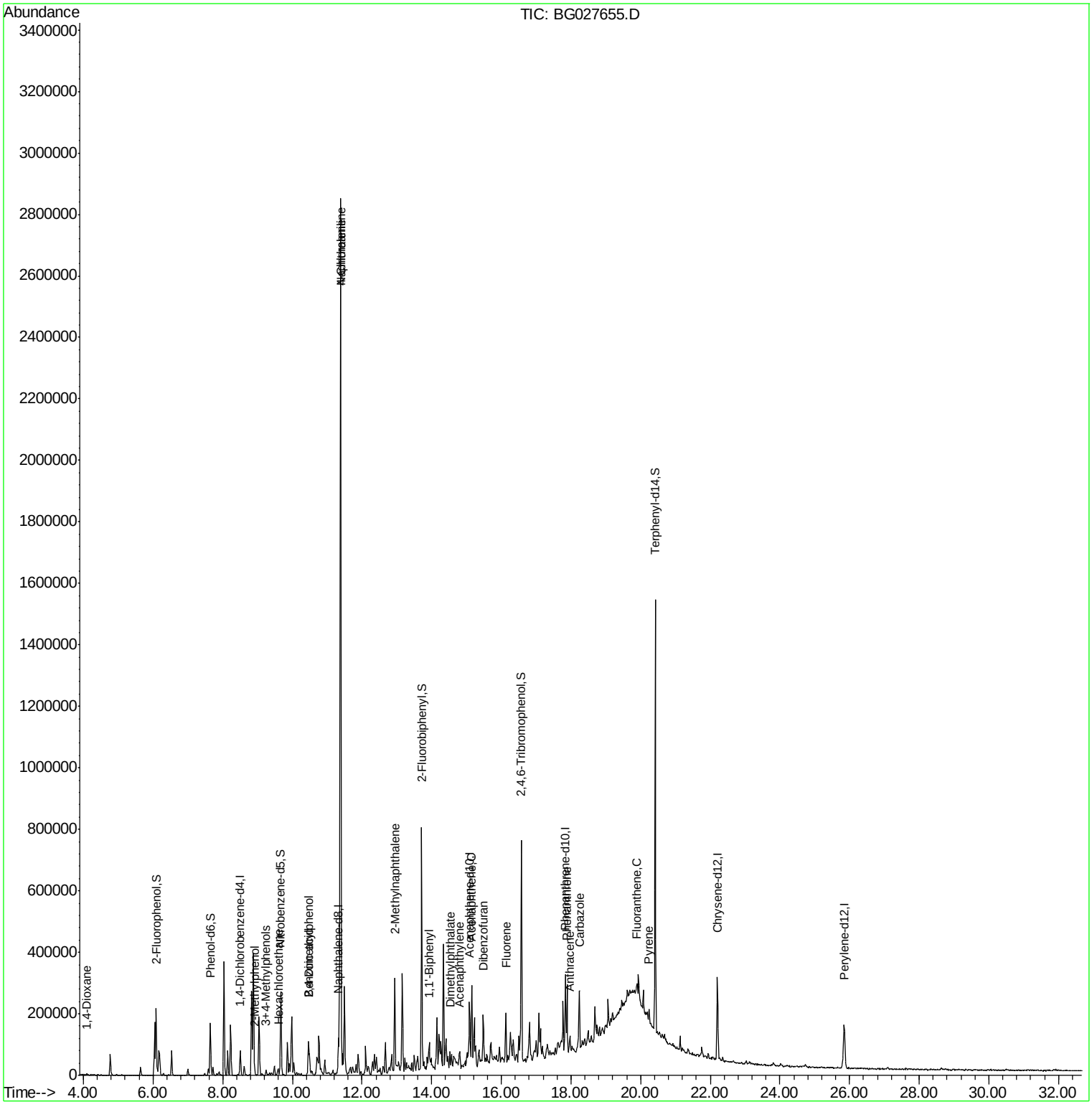
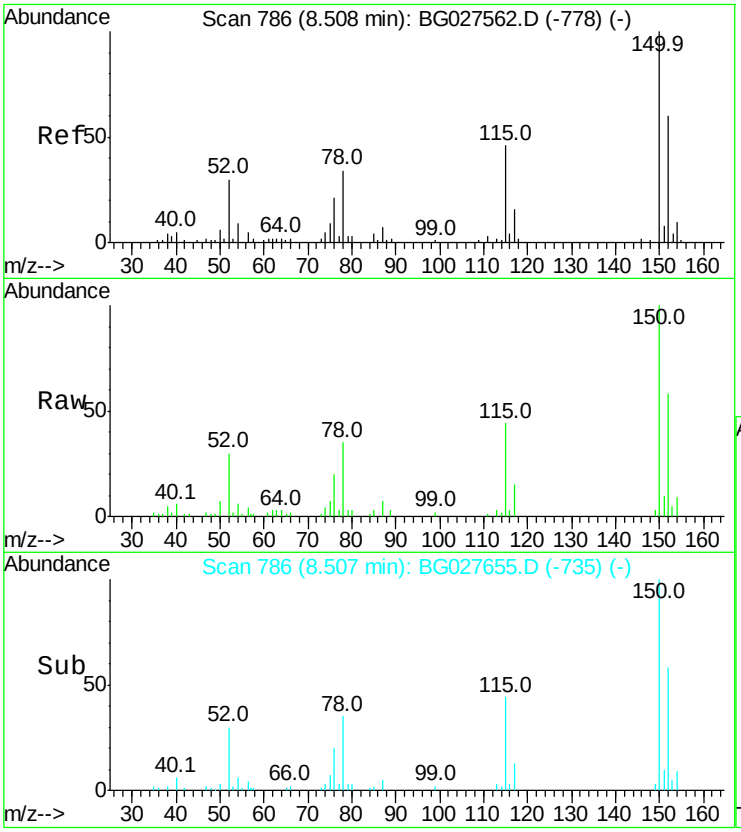


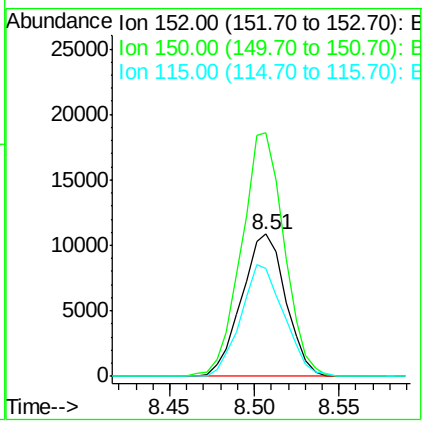


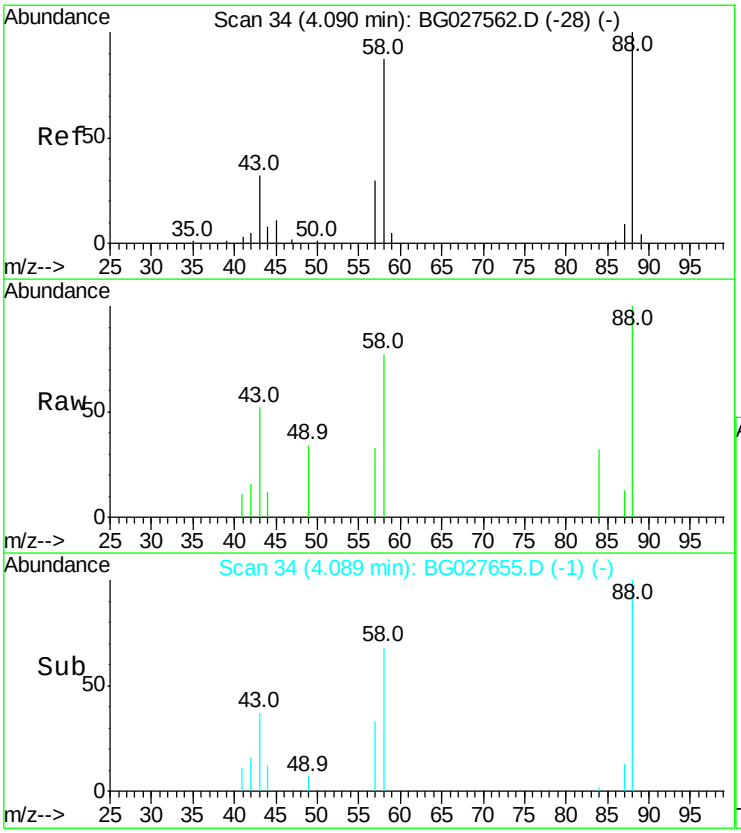
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 19729

Ion	Ratio	Lower	Upper
152	100		
150	171.4	114.0	171.0#
115	76.0	48.1	72.1#

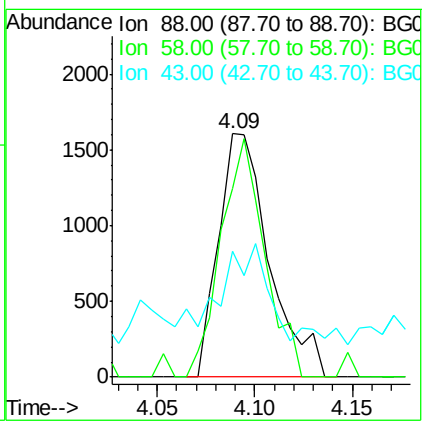


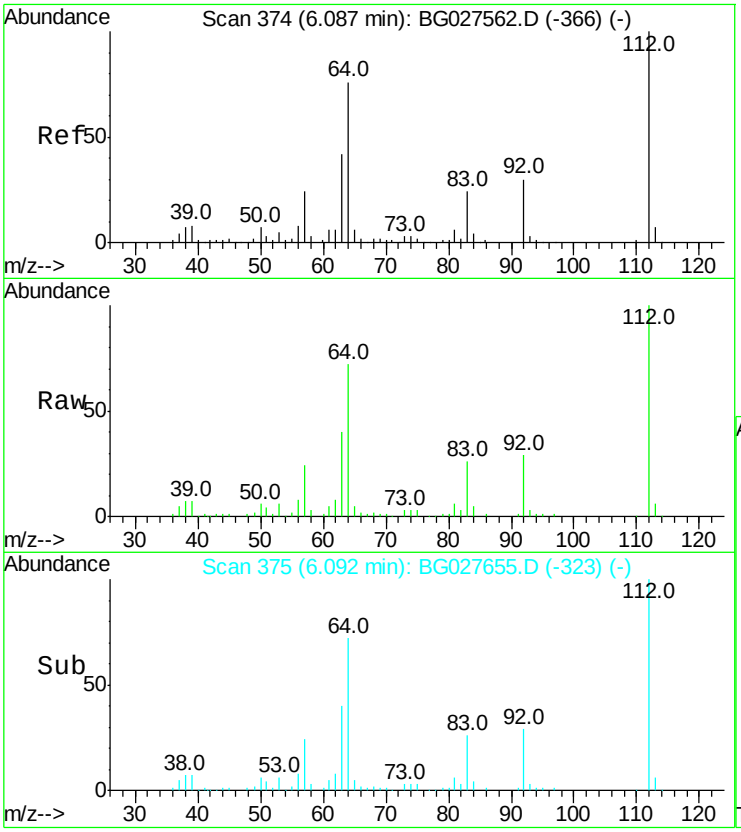


#2
1,4-Dioxane
Concen: 5.38 ng
RT: 4.09 min Scan# 34
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion: 88 Resp: 2894

Ion	Ratio	Lower	Upper
88	100		
58	84.6	79.4	119.2
43	37.0	33.8	50.6



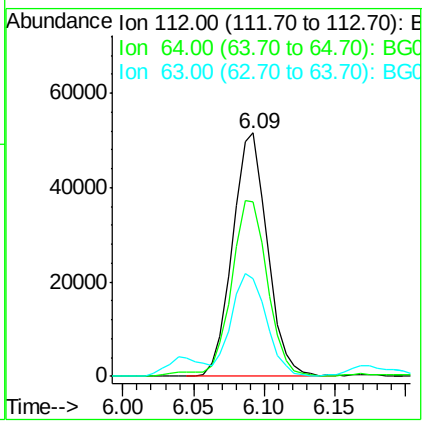


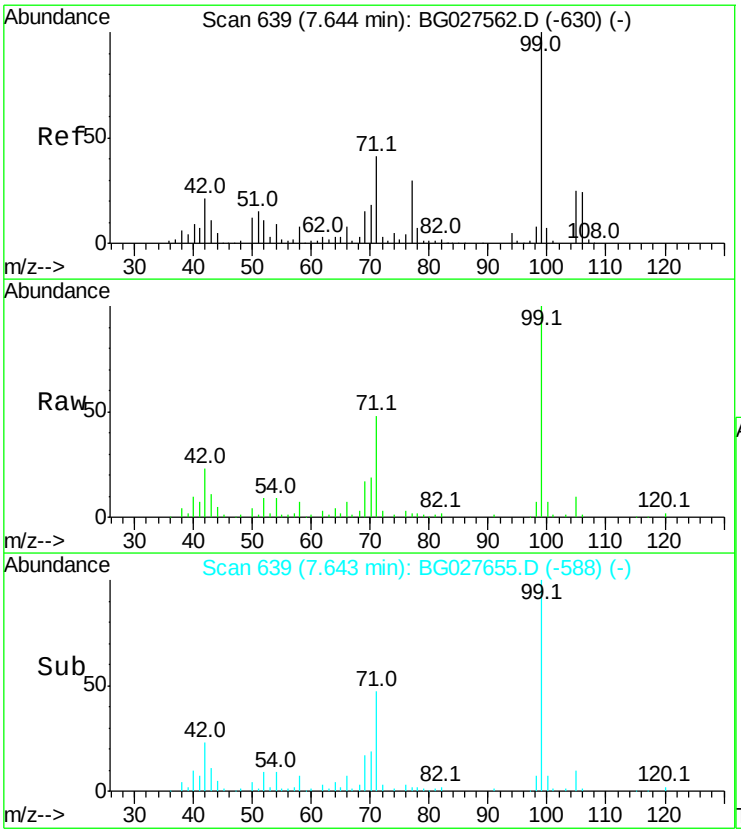
#5
2-Fluorophenol
Concen: 64.30 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.01 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 89135

Ion	Ratio	Lower	Upper
112	100		
64	71.8	61.8	92.6
63	40.0	37.2	55.8

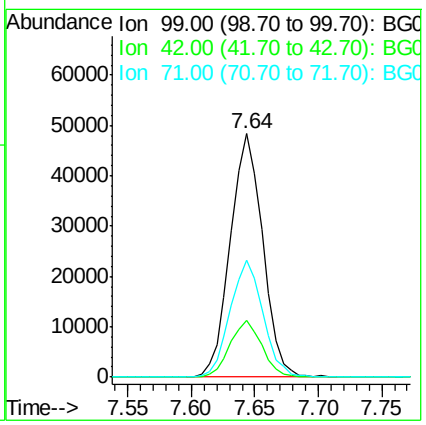


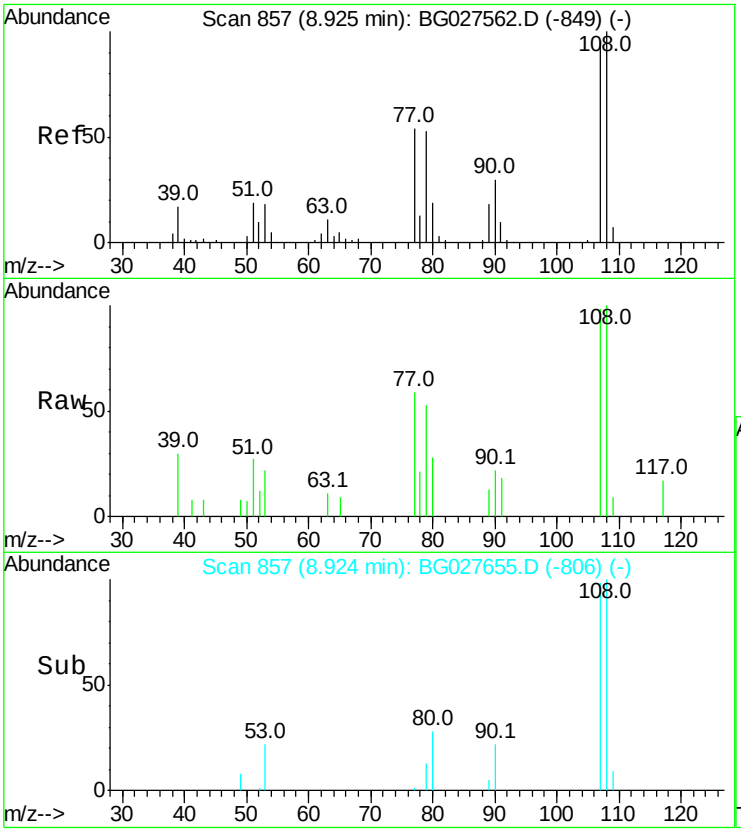


#7
Phenol-d6
Concen: 41.74 ng
RT: 7.64 min Scan# 639
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion: 99 Resp: 85664

Ion	Ratio	Lower	Upper
99	100		
42	23.4	20.5	30.7
71	48.0	37.6	56.4



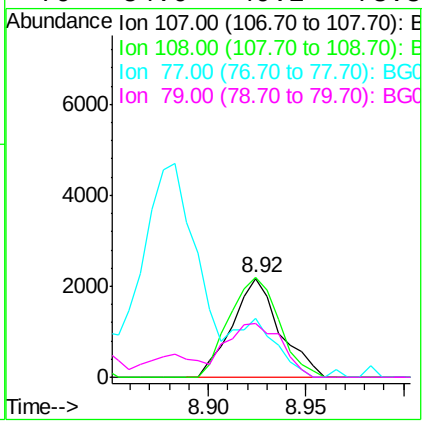


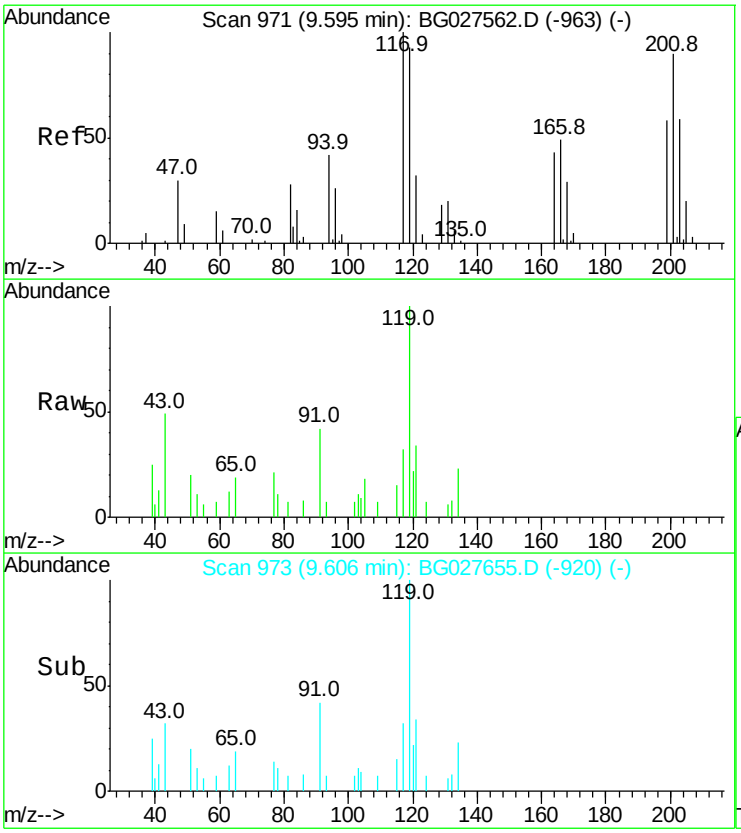
#17
2-Methylphenol
Concen: 2.48 ng
RT: 8.92 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 3654

Ion	Ratio	Lower	Upper
107	100		
108	101.8	85.6	128.4
77	59.9	51.4	77.2
79	54.0	49.2	73.8

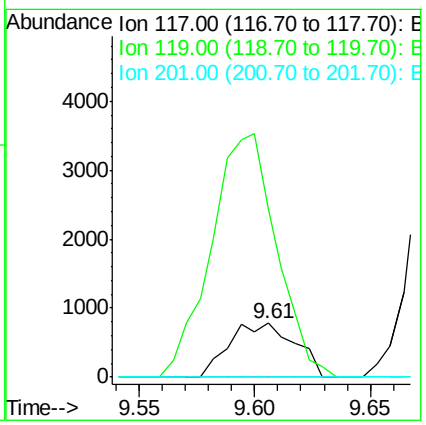


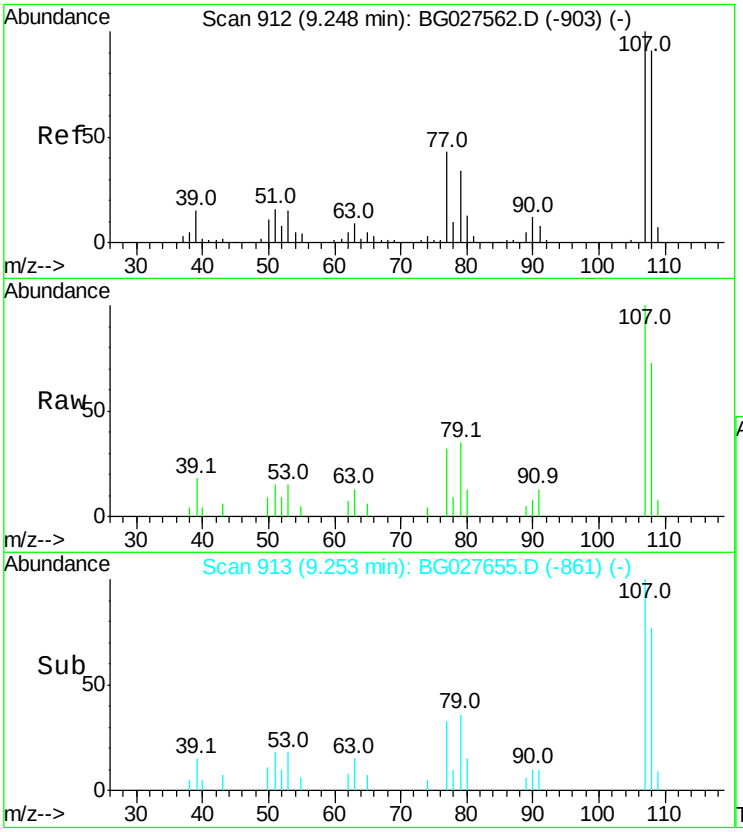


#18
Hexachloroethane
Concen: 2.51 ng
RT: 9.61 min Scan# 973
Delta R.T. 0.01 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:117 Resp: 1536

Ion	Ratio	Lower	Upper
117	100		
119	311.6	69.8	104.6#
201	0.0	95.4	143.0#



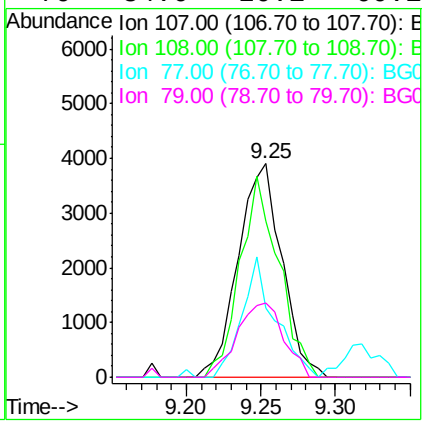


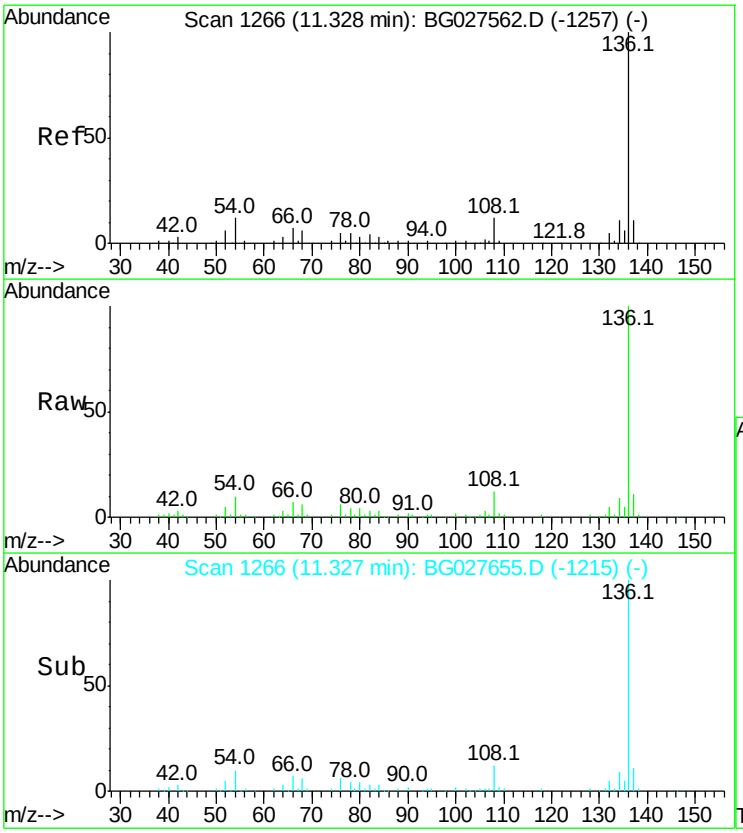
#20
3+4-Methylphenols
Concen: 3.92 ng
RT: 9.25 min Scan# 913
Delta R.T. 0.01 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 7890

Ion	Ratio	Lower	Upper
107	100		
108	73.0	70.8	110.8
77	32.2	25.8	65.8
79	34.6	20.1	60.1

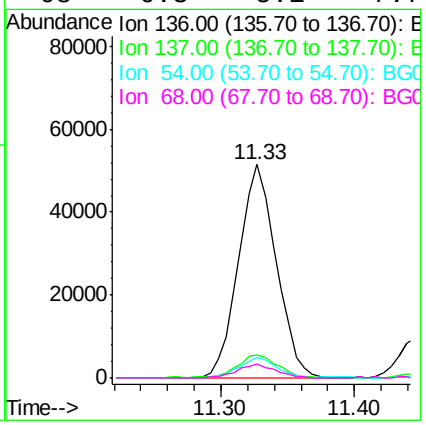


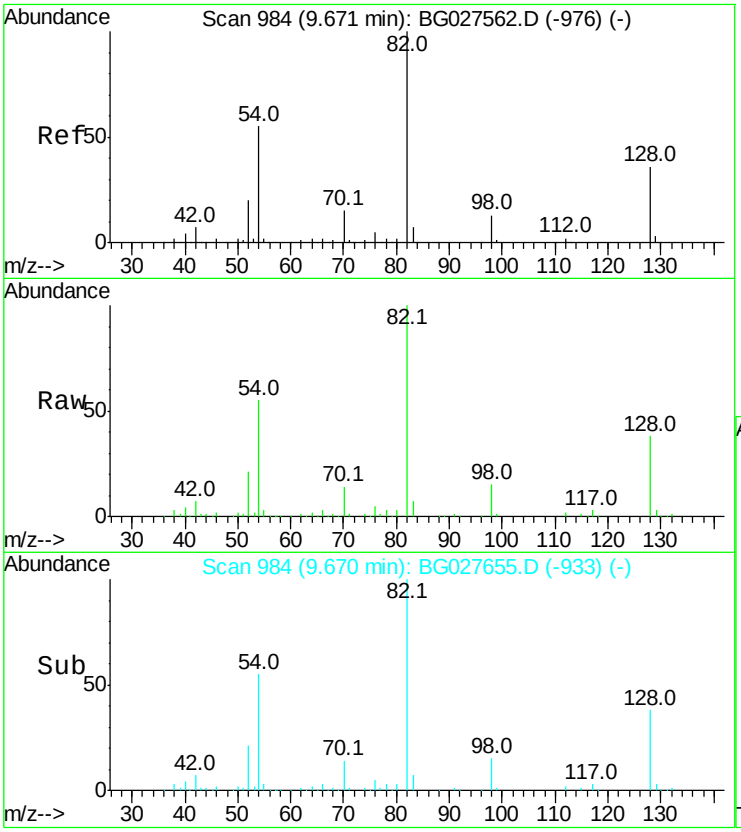


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.33 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:136 Resp: 100210

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.5	9.3	13.9
68	6.3	5.1	7.7



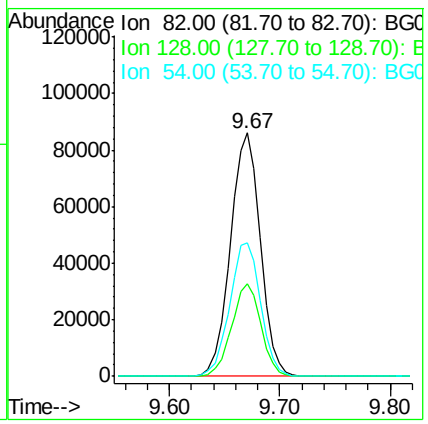


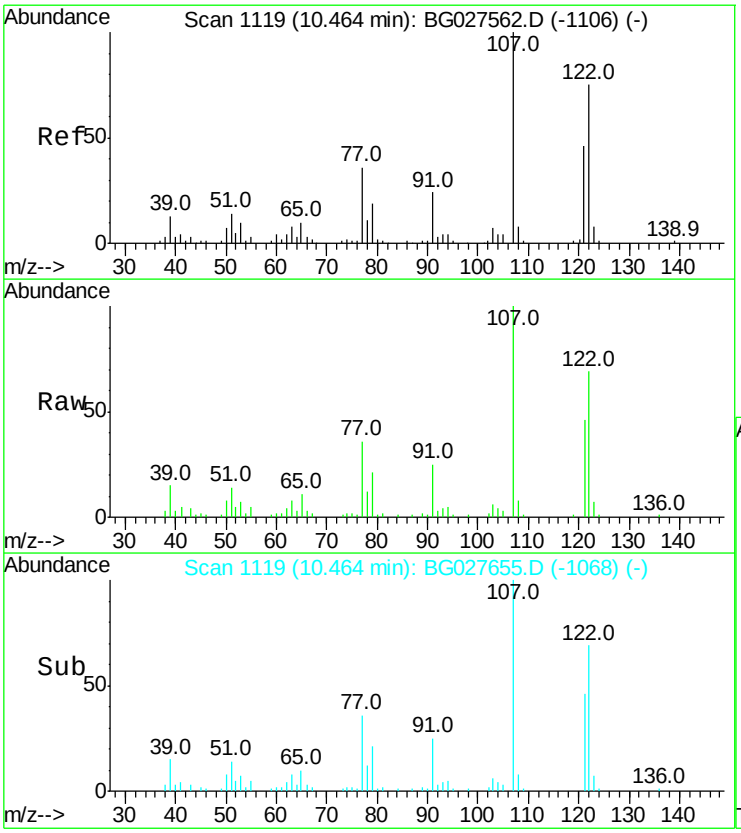
#23
Nitrobenzene-d5
Concen: 77.37 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 163844

Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.4	39.6
54	54.9	49.4	74.2

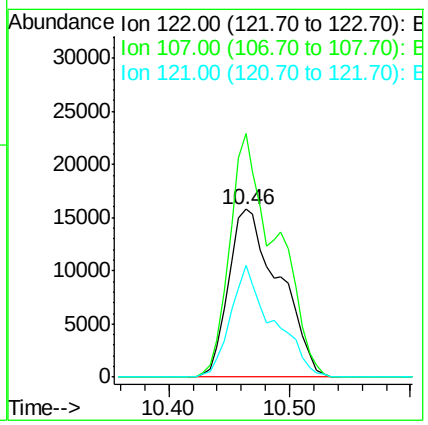


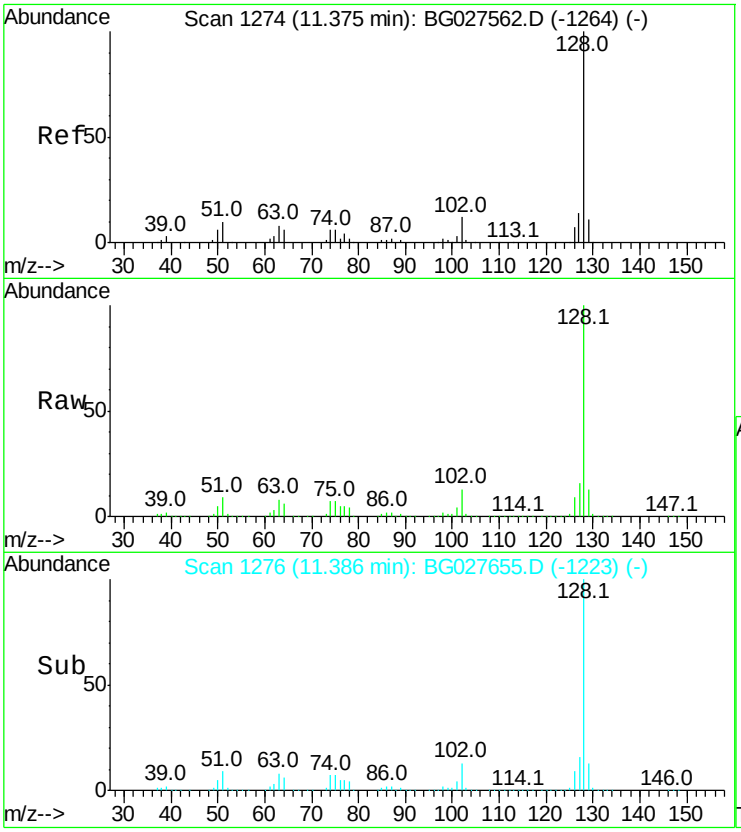


#27
2,4-Dimethylphenol
Concen: 28.33 ng
RT: 10.46 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:122 Resp: 45933

Ion	Ratio	Lower	Upper
122	100		
107	145.2	104.2	156.4
121	66.6	46.0	69.0



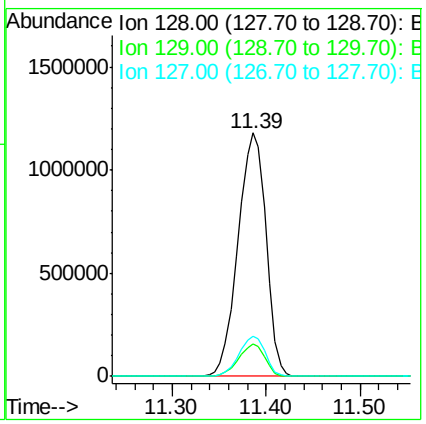


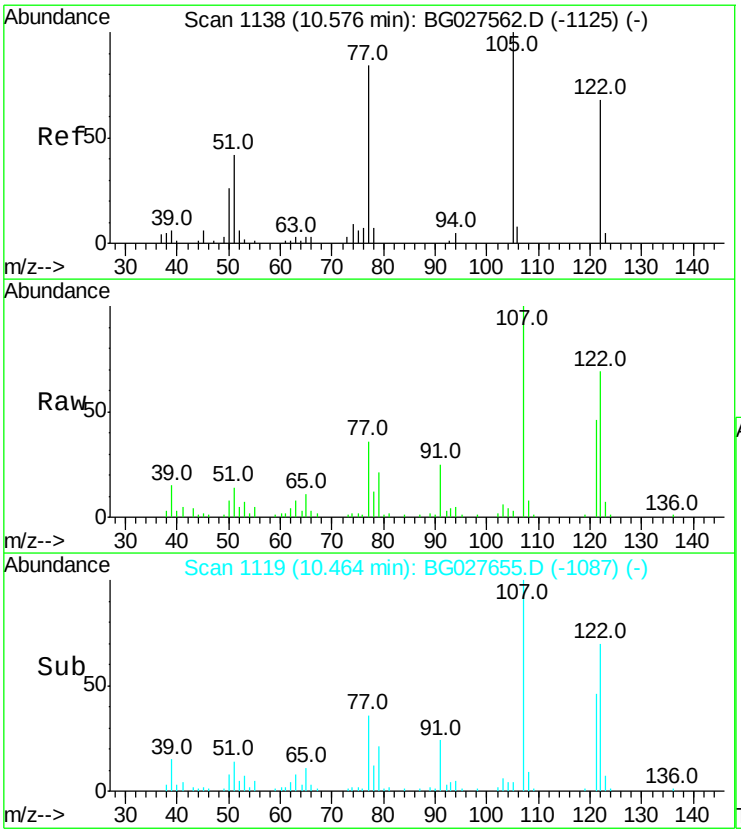
#31
Naphthalene
Concen: 447.86 ng
RT: 11.39 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 2425742

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.3	13.9
127	16.4	11.4	17.0

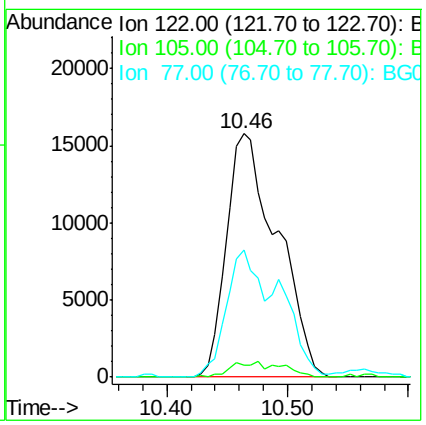


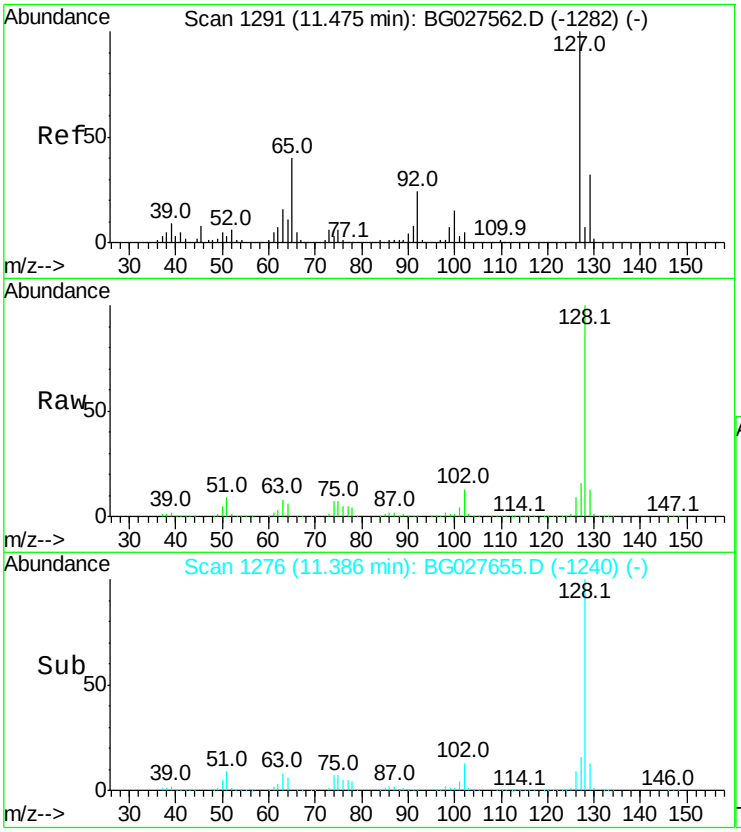


#32
Benzoic acid
Concen: 41.12 ng
RT: 10.46 min Scan# 1119
Delta R.T. -0.11 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:122 Resp: 45933

Ion	Ratio	Lower	Upper
122	100		
105	5.1	120.1	160.1#
77	52.2	104.6	144.6#



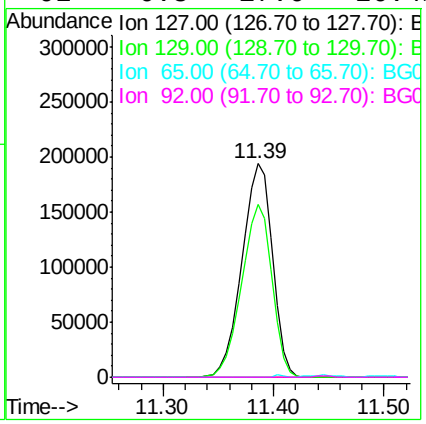


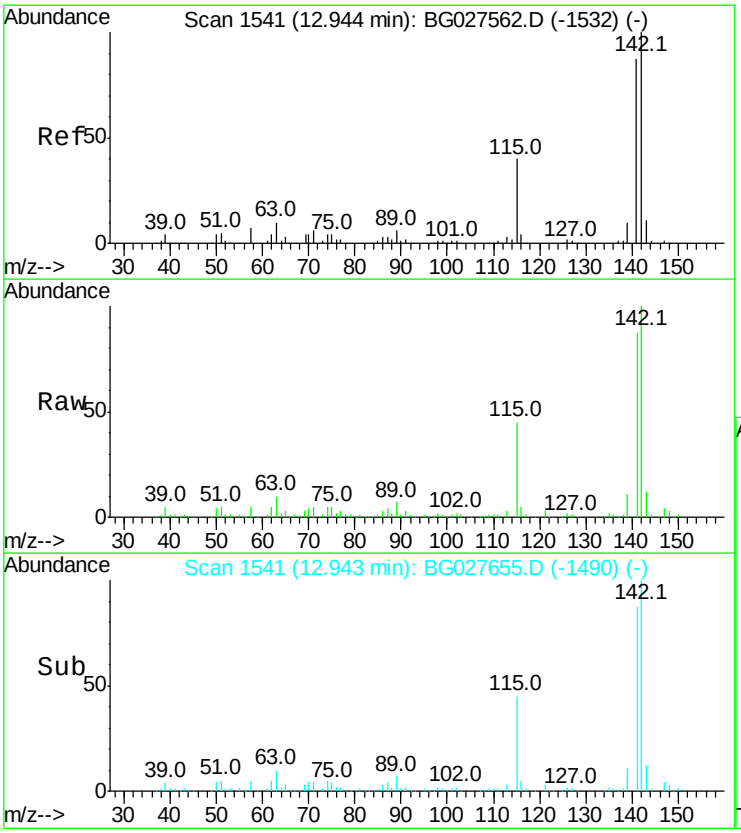
#33
4-Chloroaniline
Concen: 164.58 ng
RT: 11.39 min Scan# 1276
Delta R.T. -0.09 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 378068

Ion	Ratio	Lower	Upper
127	100		
129	81.2	23.6	35.4#
65	0.0	37.7	56.5#
92	0.3	17.6	26.4#

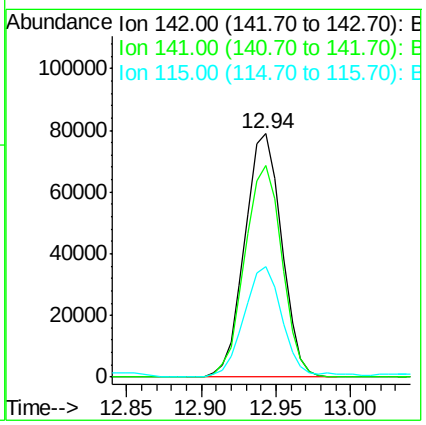


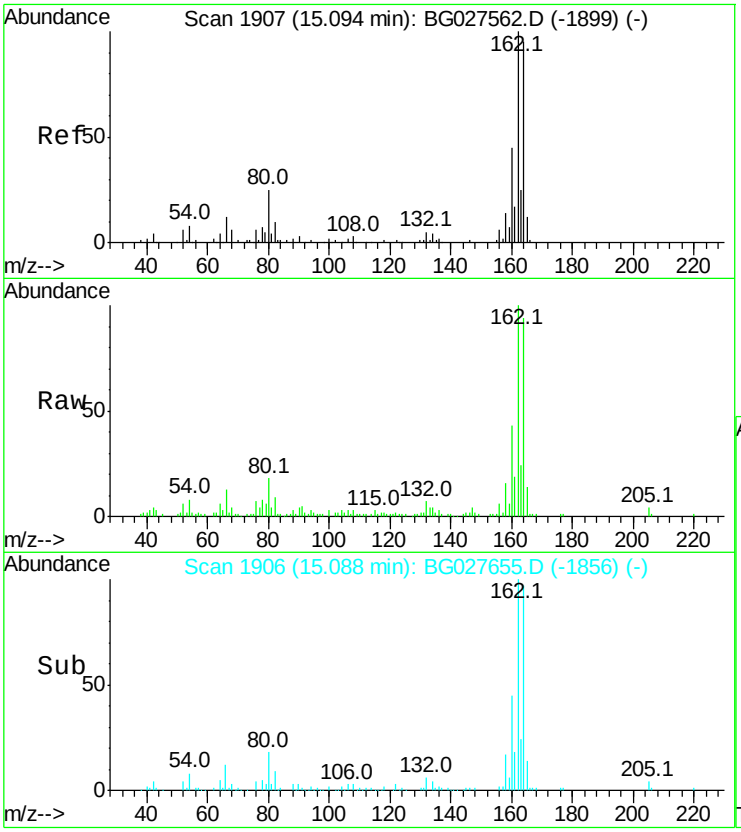


#37
2-Methylnaphthalene
Concen: 34.27 ng
RT: 12.94 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:142 Resp: 134909

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.4	105.6
115	45.4	35.5	53.3



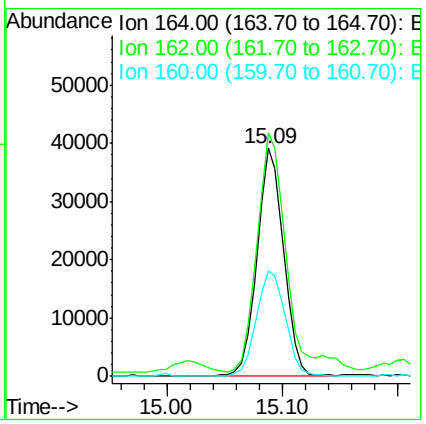


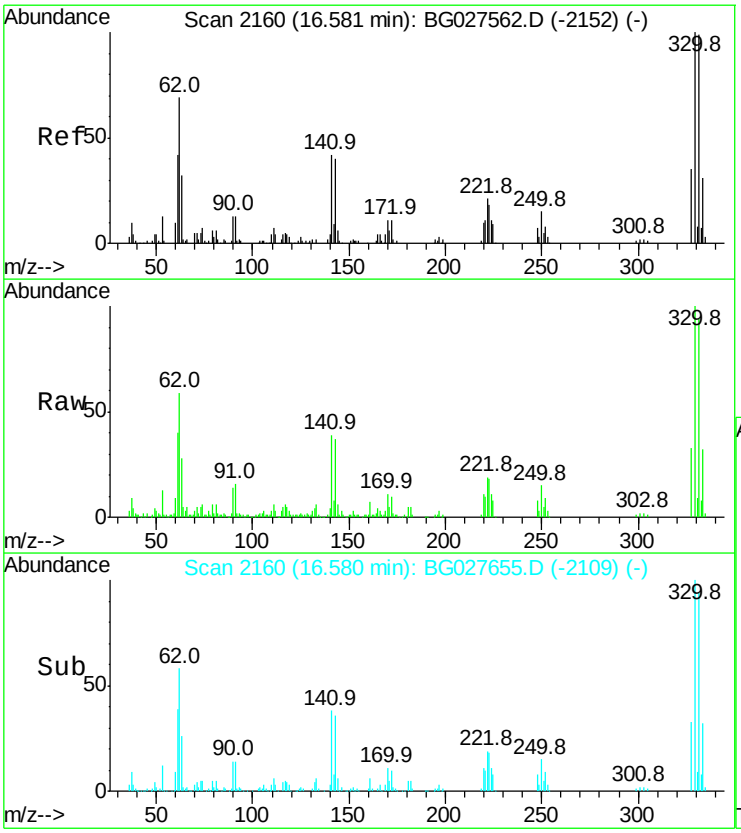
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 62998

Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.1	127.7
160	46.0	34.7	52.1

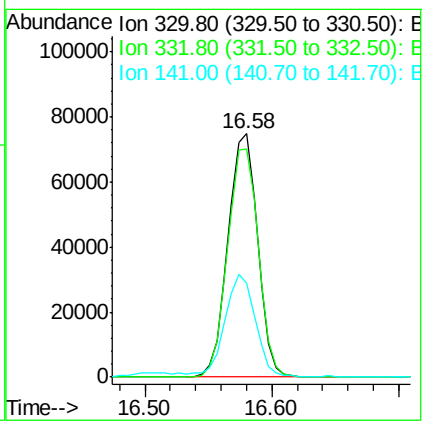


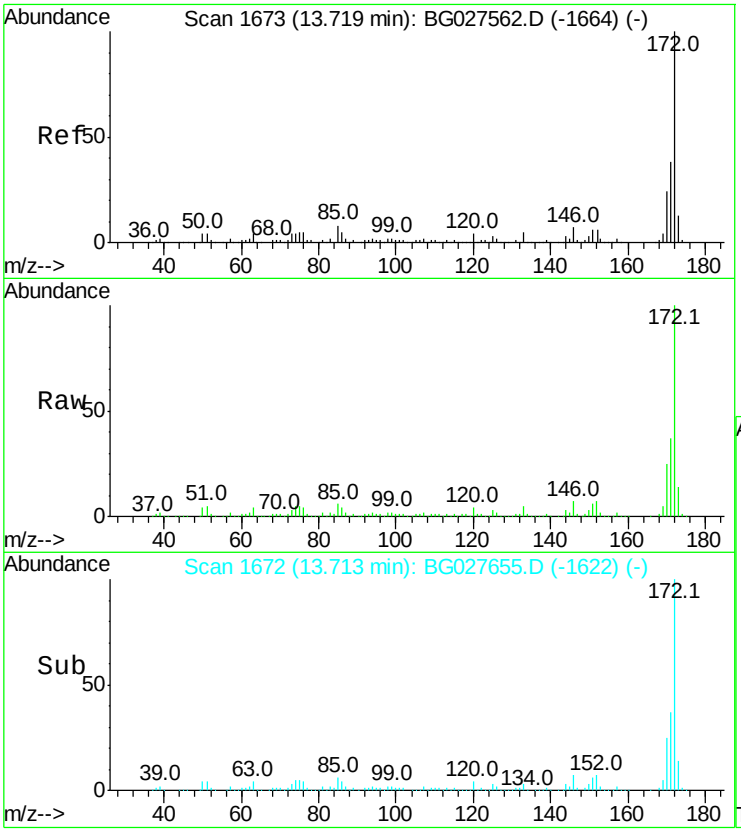


#41
2,4,6-Tribromophenol
Concen: 128.57 ng
RT: 16.58 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:330 Resp: 120755

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	44.0	32.1	48.1



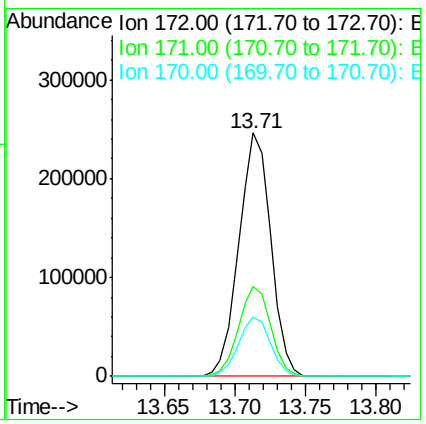


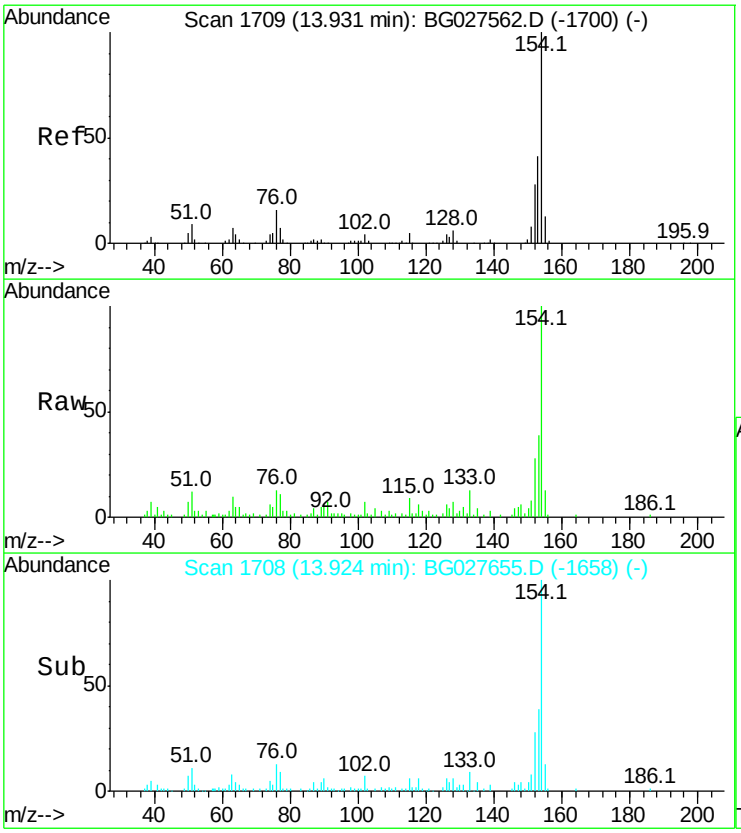
#44
2-Fluorobiphenyl
Concen: 84.49 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 389674

Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	24.5	21.8	32.6

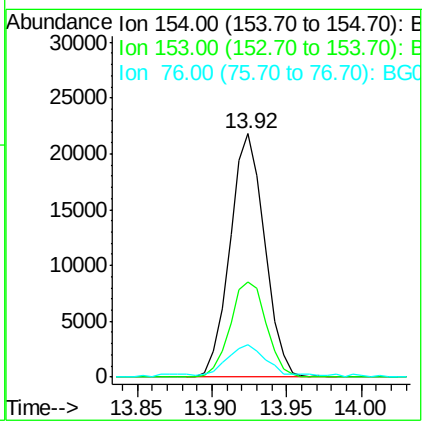


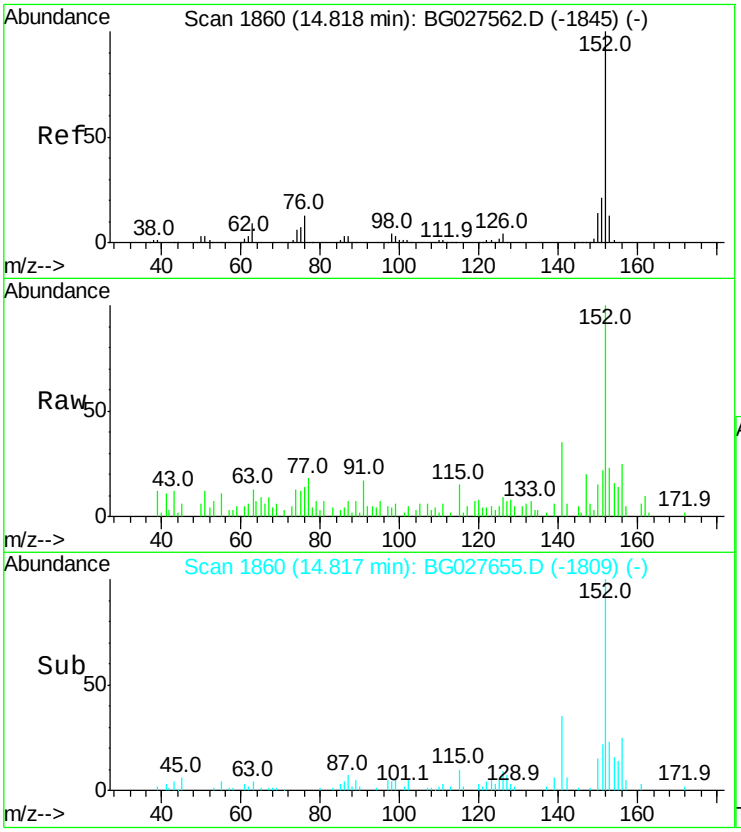


#45
1,1'-Biphenyl
Concen: 6.71 ng
RT: 13.92 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:154 Resp: 35266

Ion	Ratio	Lower	Upper
154	100		
153	39.2	23.0	63.0
76	13.4	0.0	33.5



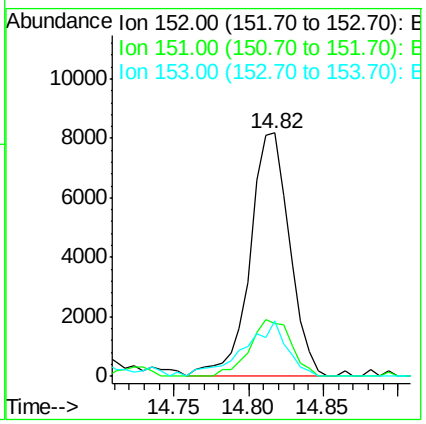


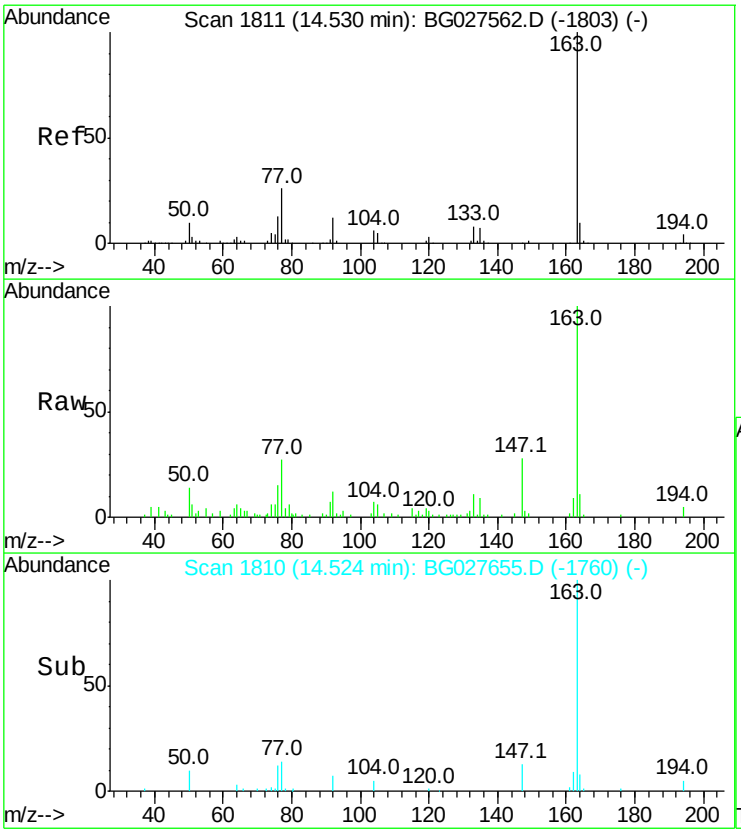
#48
Acenaphthylene
Concen: 2.19 ng
RT: 14.82 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 14969

Ion	Ratio	Lower	Upper
152	100		
151	21.5	18.2	27.2
153	22.6	11.3	16.9#

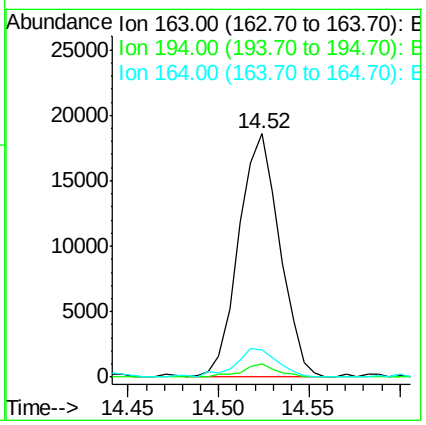


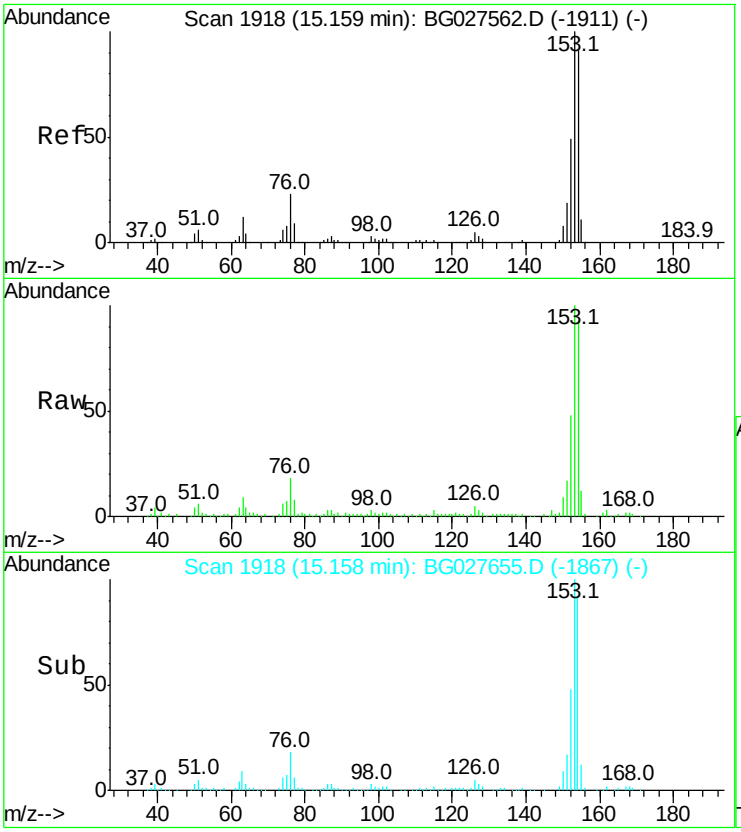


#49
Dimethylphthalate
Concen: 5.28 ng
RT: 14.52 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:163 Resp: 29151

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.8	5.6
164	11.3	9.3	13.9



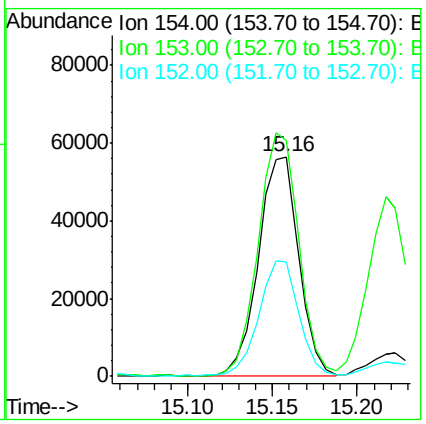


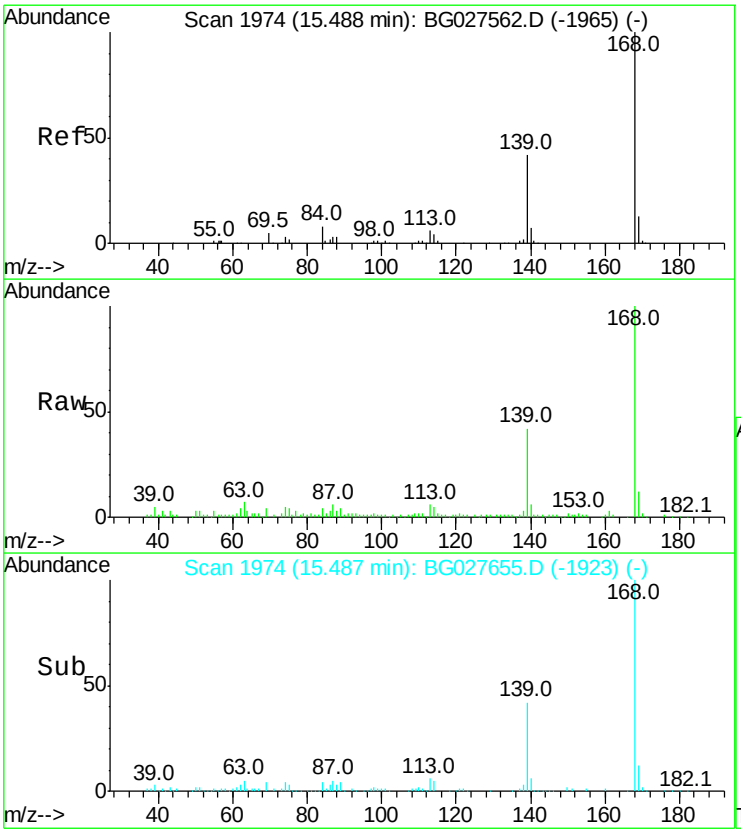
#51
Acenaphthene
Concen: 19.68 ng
RT: 15.16 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 93866

Ion	Ratio	Lower	Upper
154	100		
153	107.9	87.8	131.6
152	52.2	42.2	63.4

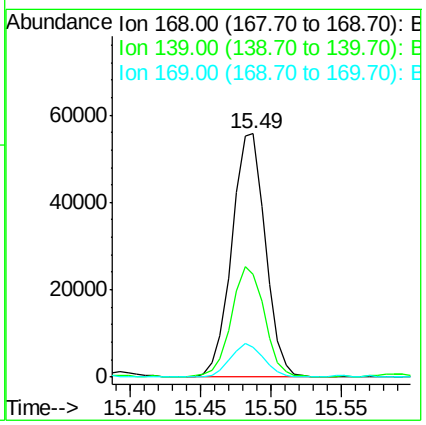


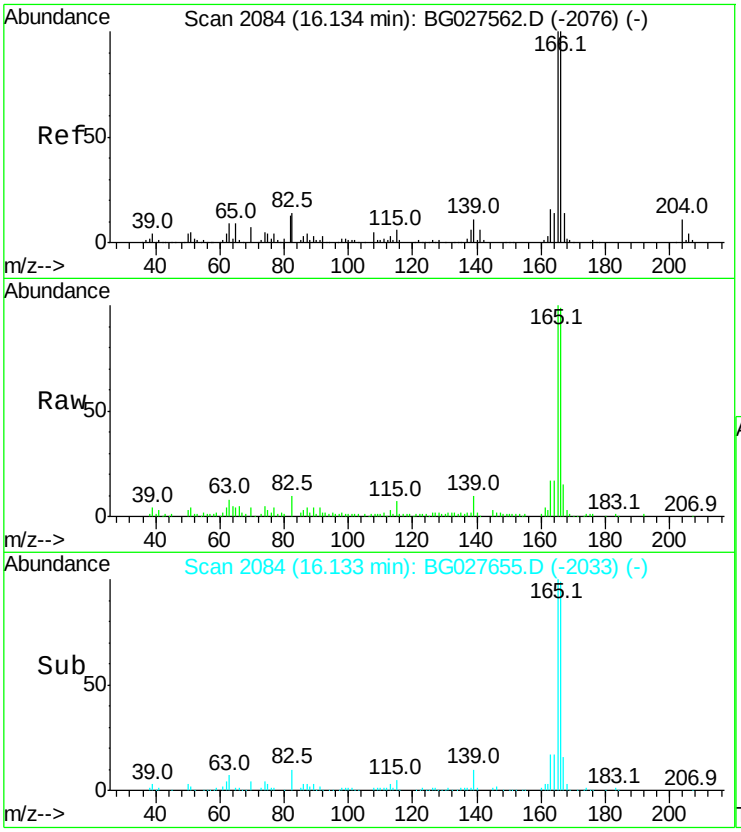


#54
Dibenzofuran
Concen: 14.85 ng
RT: 15.49 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:168 Resp: 92235

Ion	Ratio	Lower	Upper
168	100		
139	42.1	35.3	52.9
169	12.4	11.5	17.3



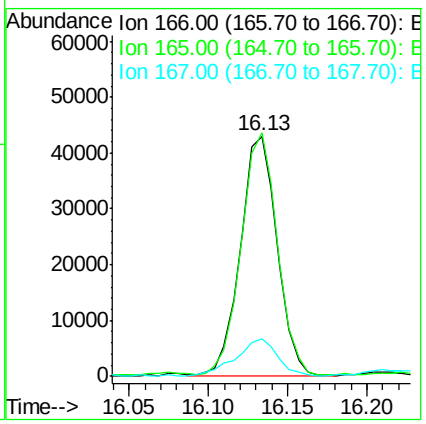


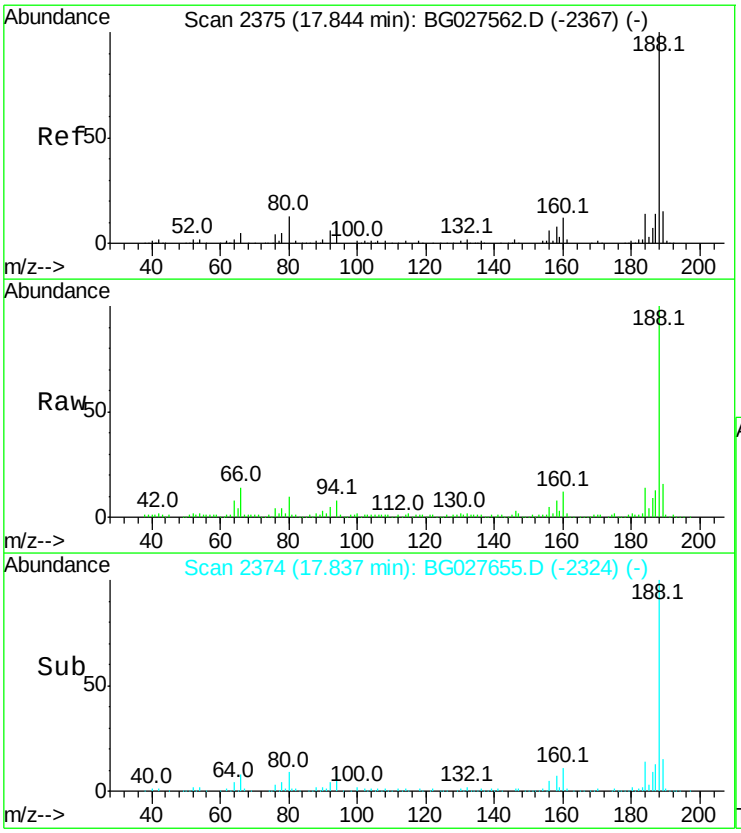
#57
Fluorene
Concen: 11.84 ng
RT: 16.13 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 69676

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.6	117.8
167	15.7	11.6	17.4

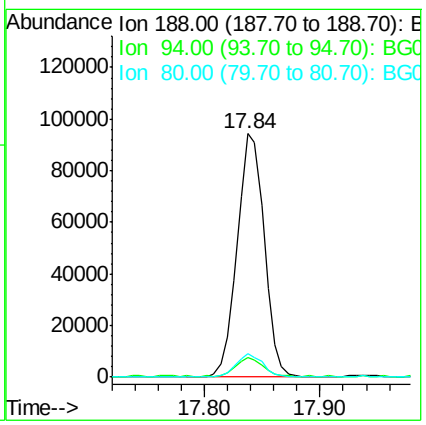


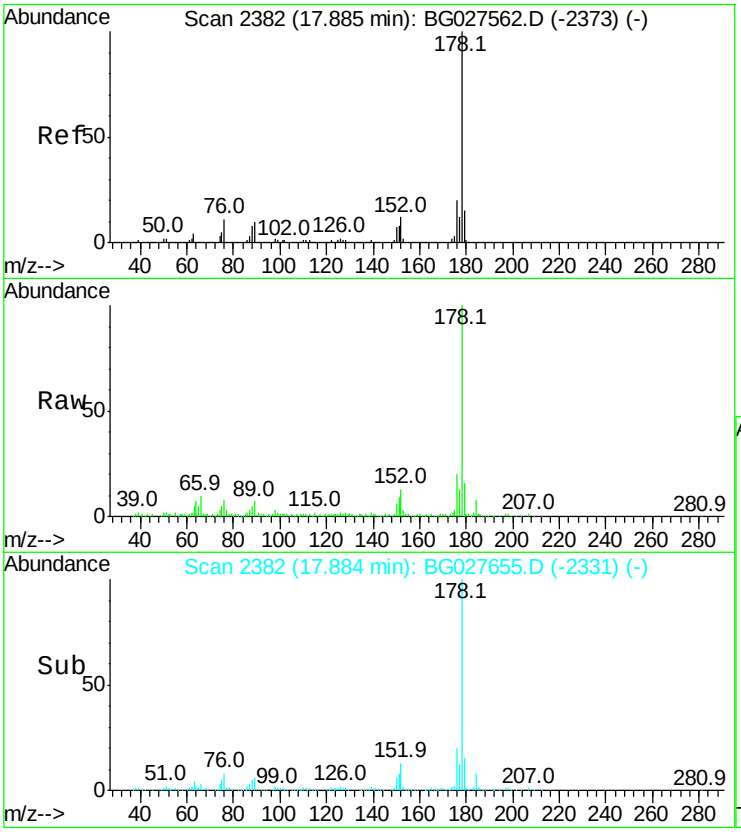


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:188 Resp: 153558

Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.8	8.8
80	9.8	7.5	11.3



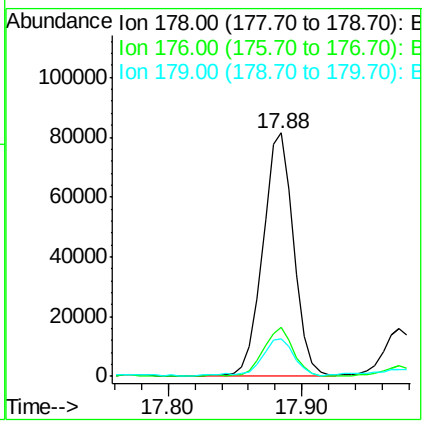


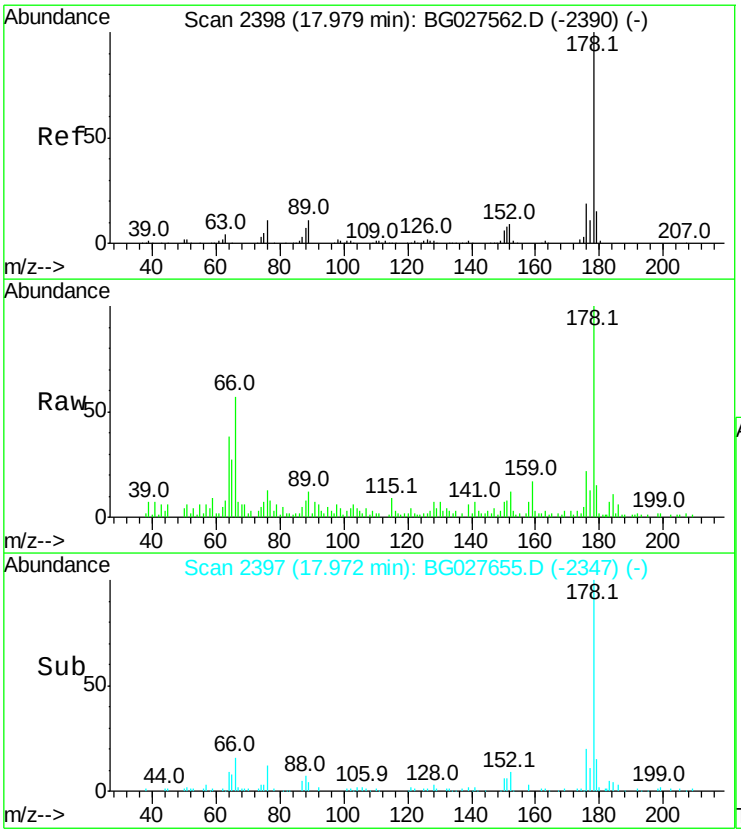
#70
Phenanthrene
Concen: 14.78 ng
RT: 17.88 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 129138

Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.7	26.5
179	15.6	15.0	22.6

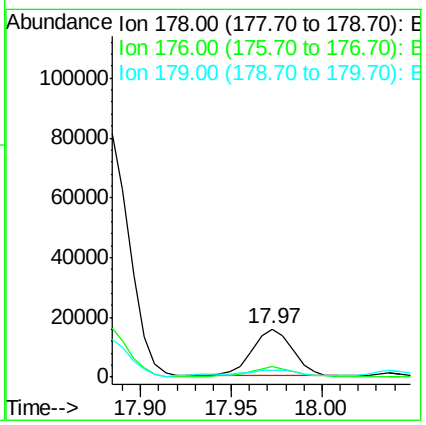


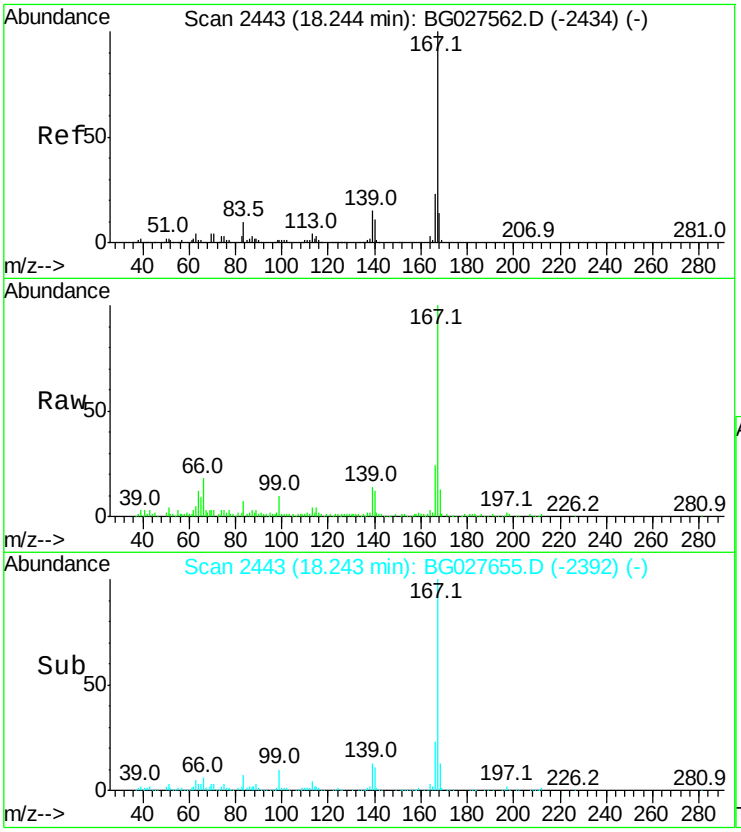


#71
Anthracene
Concen: 2.80 ng
RT: 17.97 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:178 Resp: 24612

Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.4	24.6
179	14.6	13.8	20.8



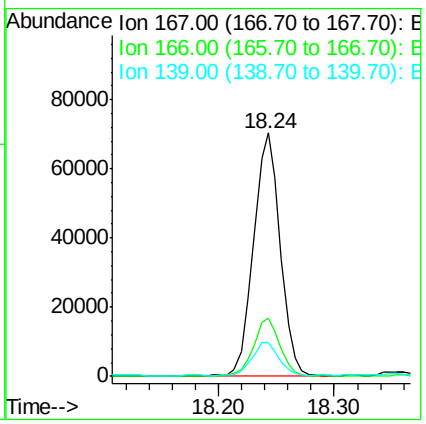


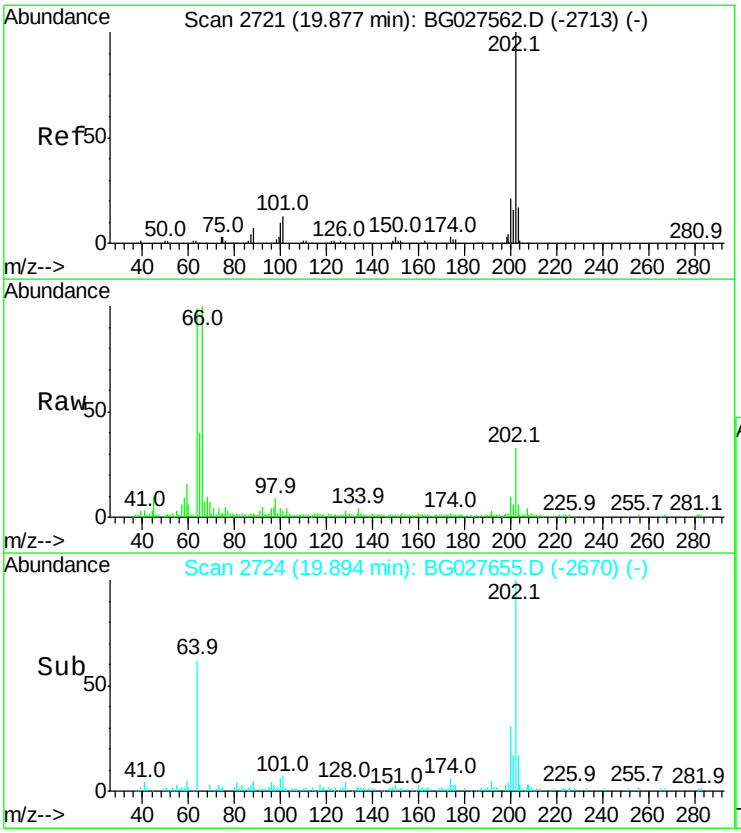
#72
Carbazole
Concen: 13.26 ng
RT: 18.24 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 113652

Ion	Ratio	Lower	Upper
167	100		
166	23.6	20.2	30.2
139	13.6	12.8	19.2

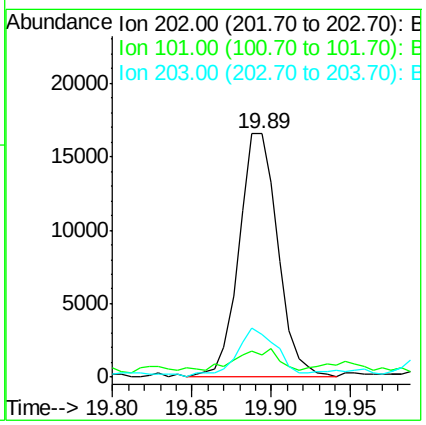


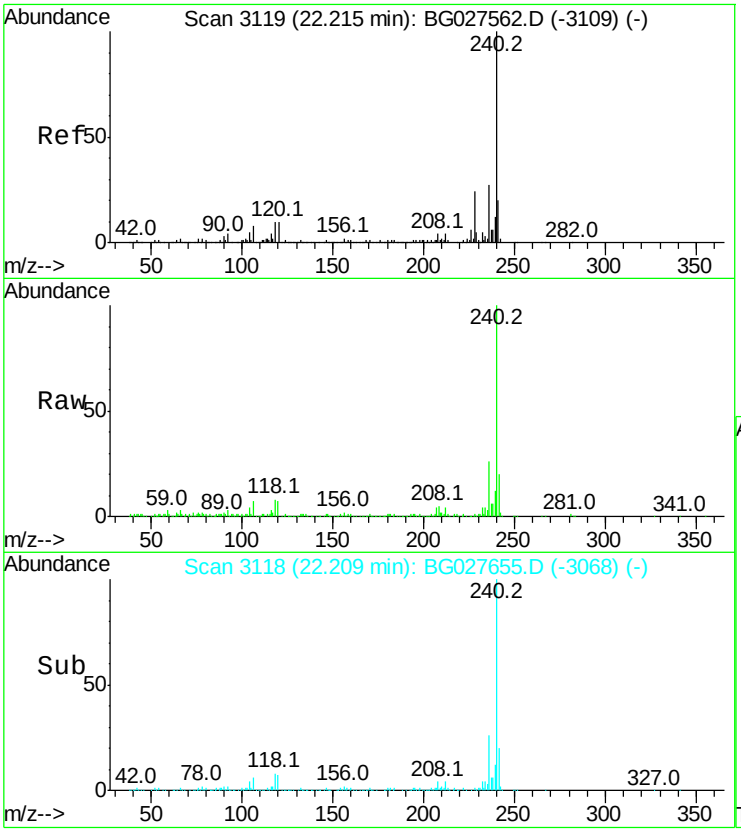


#74
Fluoranthene
Concen: 2.77 ng
RT: 19.89 min Scan# 2724
Delta R.T. 0.02 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:202 Resp: 28169

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.1
203	17.6	1.3	41.3



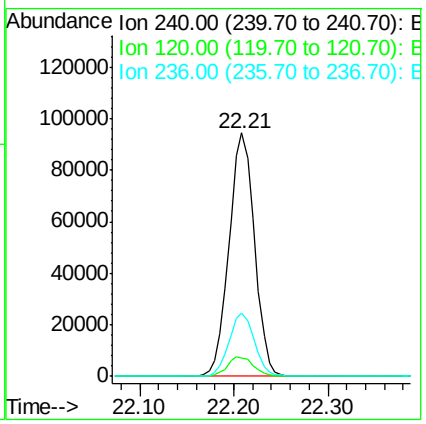


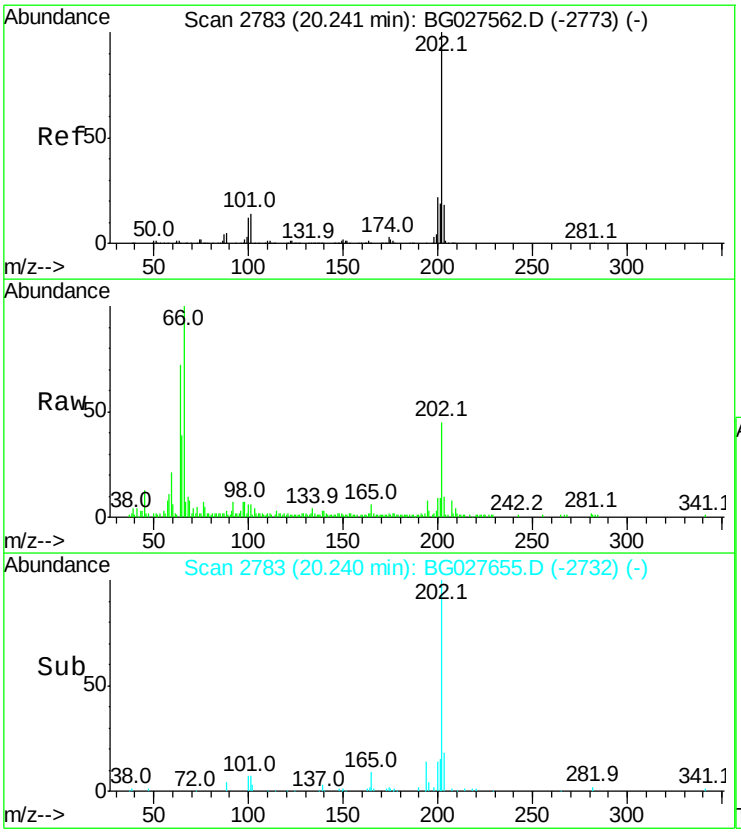
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.21 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 177496

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.7	8.5
236	26.2	22.2	33.4

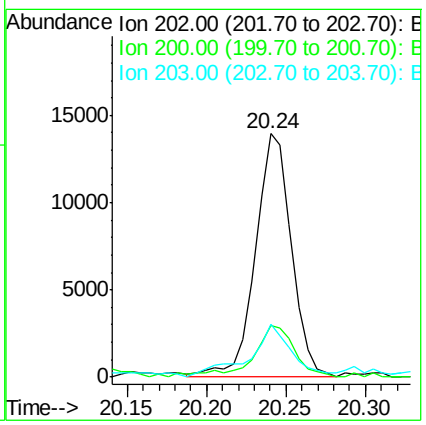


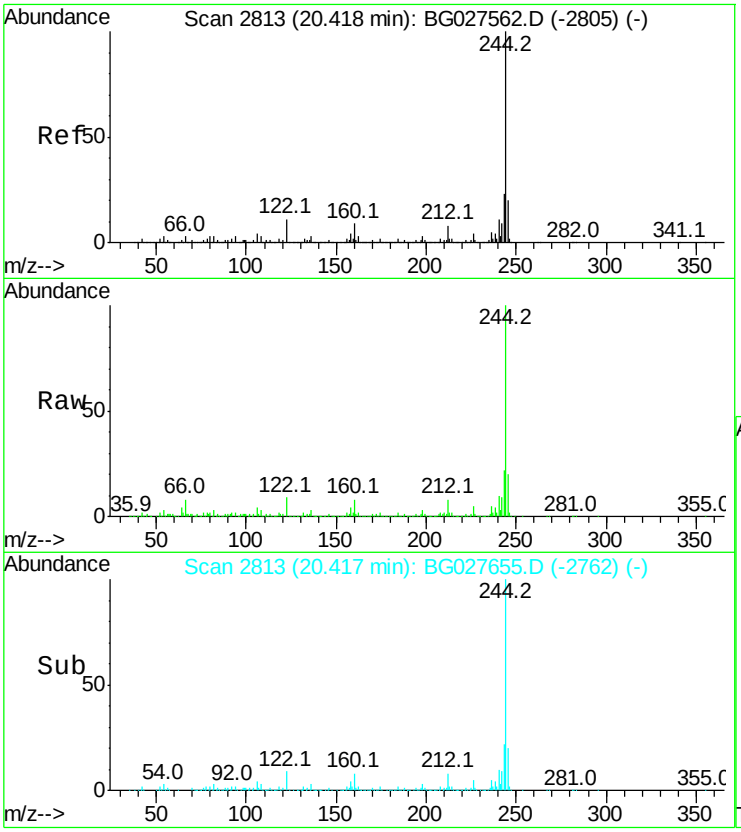


#77
Pyrene
Concen: 2.05 ng
RT: 20.24 min Scan# 2783
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:202 Resp: 22125

Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.6	29.4
203	21.7	15.8	23.8



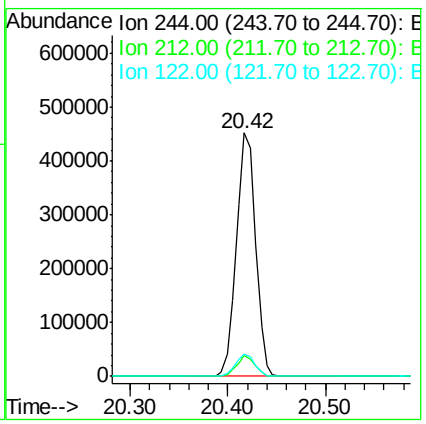


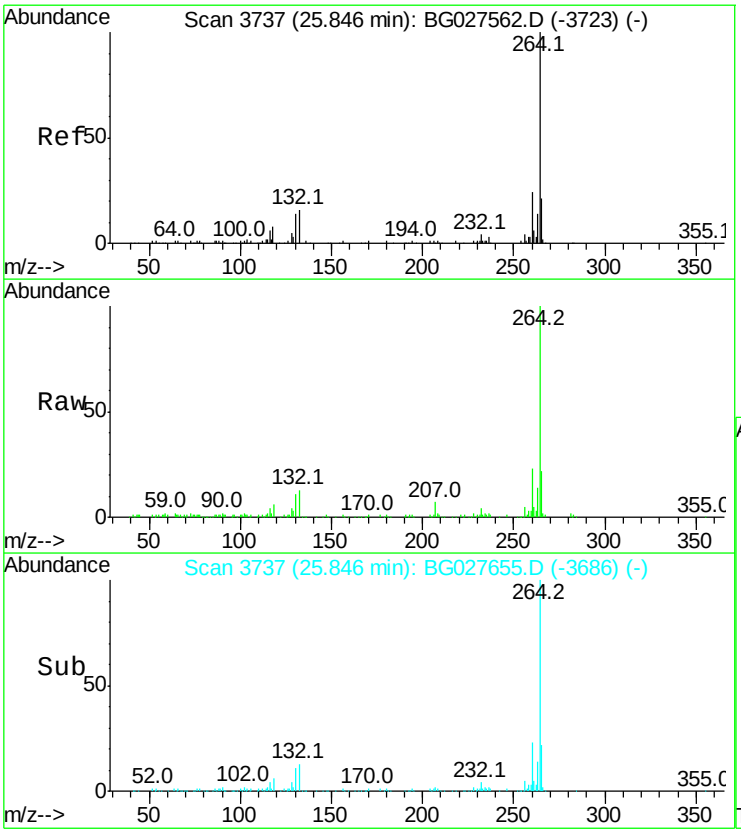
#78
Terphenyl-d14
Concen: 81.93 ng
RT: 20.42 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 617243

Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	9.1	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.85 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BG027655.D
Acq: 24 Jun 2017 12:12

Tgt Ion:264 Resp: 166172

Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	22.1	18.2	27.4