Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091915\
Data File : BG018771.D
Acq On : 18 Sep 2015 16:33
Operator : TP
Sample : G3706-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 18 23:57:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 23:51:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	50455	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	225618	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	154331	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	359481	20.00	ng		0.00
75) Chrysene-d12	21.63	240	360450	20.00	ng		0.00
86) Perylene-d12	24.83	264	364246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	168416	57.66	ng		0.00
7) Phenol-d6	7.17	99	216679	51.74	ng		0.00
23) Nitrobenzene-d5	9.16	82	358327	88.87	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	258751	124.52	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	967168	86.99	ng		0.00
78) Terphenyl-d14	19.98	244	1209007	88.08	ng		0.00
Target Compounds							Qvalue
17) 2-Methylphenol	8.45	107	6309	2.05	ng	#	87
18) Hexachloroethane	9.11	117	21535	15.30	ng	#	1
20) 3+4-Methylphenols	8.77	107	42112	9.76	ng		95
22) Acetophenone	8.80	105	16373	2.86	ng	#	66
27) 2,4-Dimethylphenol	9.97	122	19050	5.25	ng		95
31) Naphthalene	10.85	128	419548	34.73	ng		98
32) Benzoic acid	10.08	122	12710	11.46	ng		96
37) 2-Methylnaphthalene	12.46	142	448135	50.67	ng		99
45) 1,1'-Biphenyl	13.46	154	30869	2.52	ng		97
49) Dimethylphthalate	14.07	163	72955	5.71	ng	#	98
51) Acenaphthene	14.69	154	26189	2.69	ng		93
53) 2,4-Dinitrophenol	14.71	184	67	7.69	ng	#	1
54) Dibenzofuran	15.03	168	47463	3.14	ng	#	90
57) Fluorene	15.67	166	54256	4.17	ng		98
64) 4,6-Dinitro-2-methylphenol	15.77	198	331	5.55	ng	#	1
70) Phenanthrene	17.42	178	68973	3.65	ng		99
71) Anthracene	17.42	178	68973	3.60	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091915\
Data File : BG018771.D
Acq On : 18 Sep 2015 16:33
Operator : TP
Sample : G3706-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 18 23:57:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 23:51:57 2015
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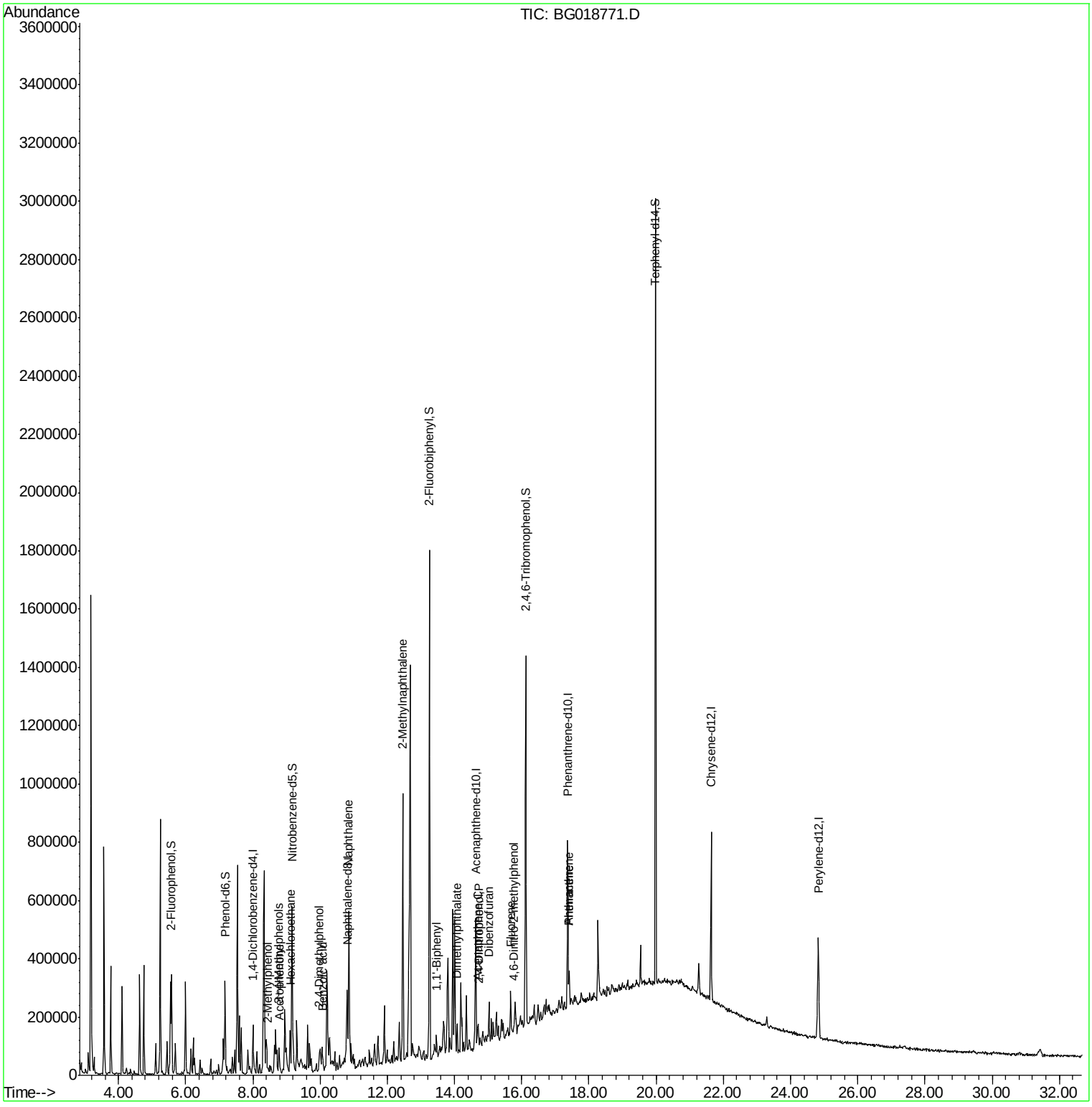
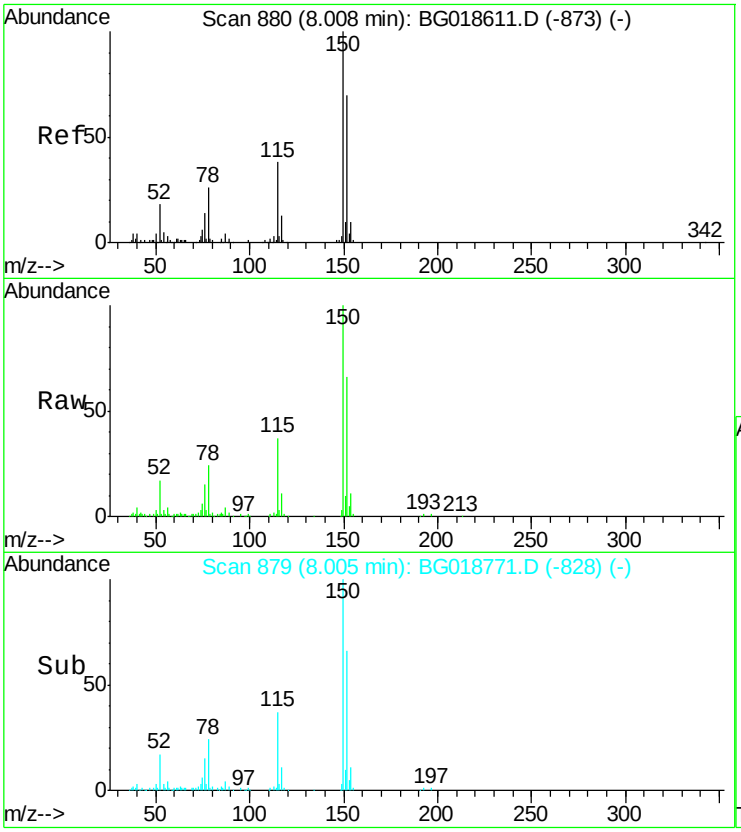


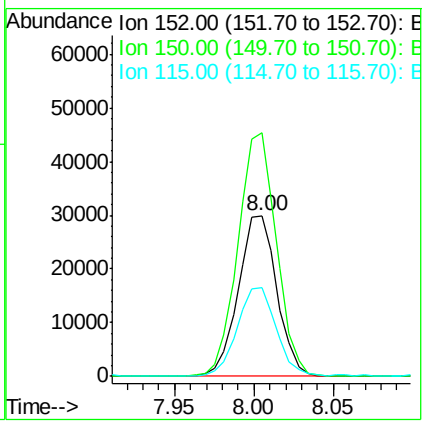


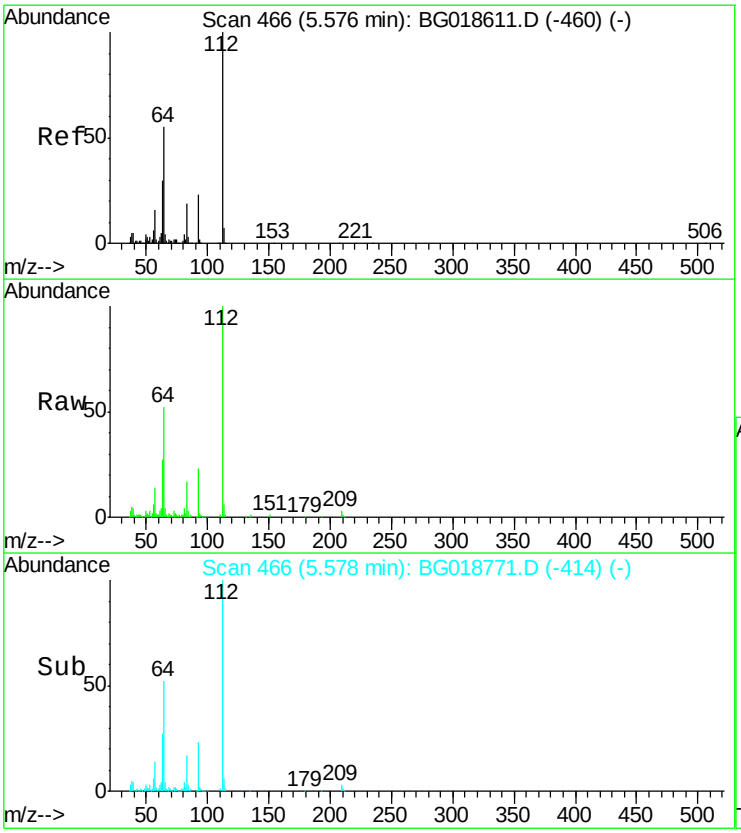
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 50455

Ion	Ratio	Lower	Upper
152	100		
150	151.2	115.0	172.4
115	55.3	43.9	65.9

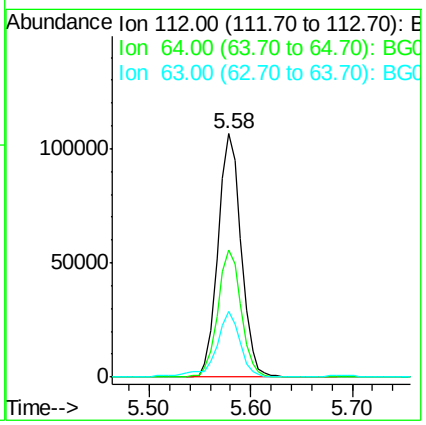


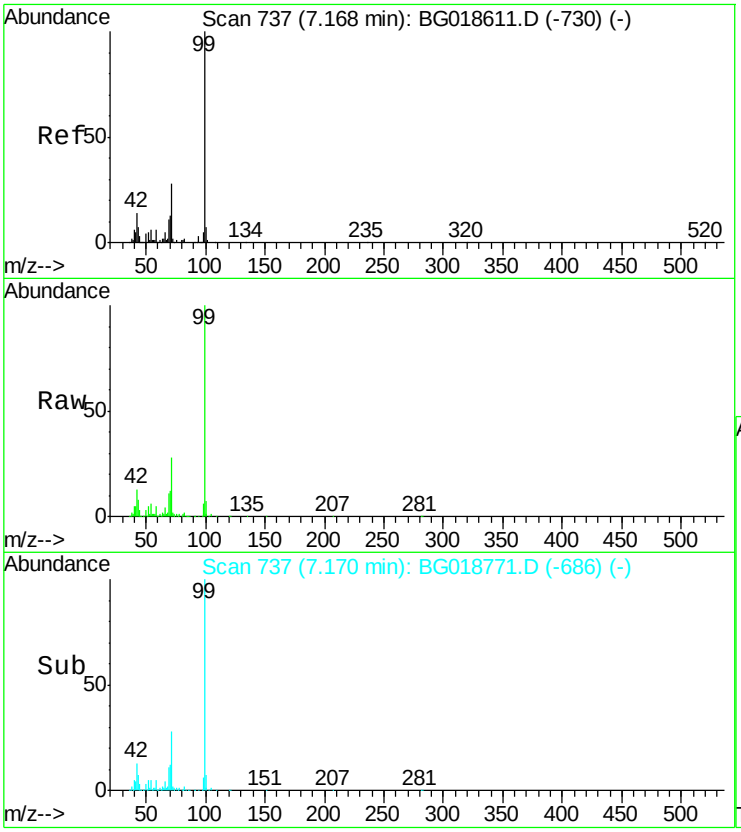


#5
2-Fluorophenol
Concen: 57.66 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.01 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:112 Resp: 168416

Ion	Ratio	Lower	Upper
112	100		
64	52.4	43.7	65.5
63	27.2	24.0	36.0



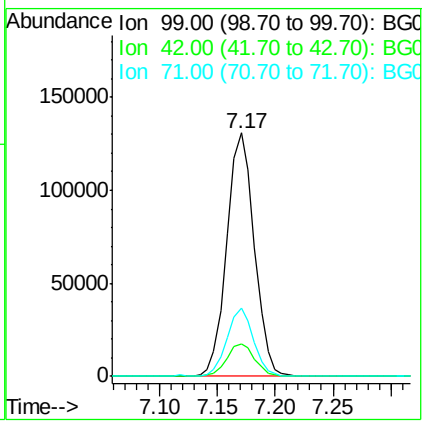


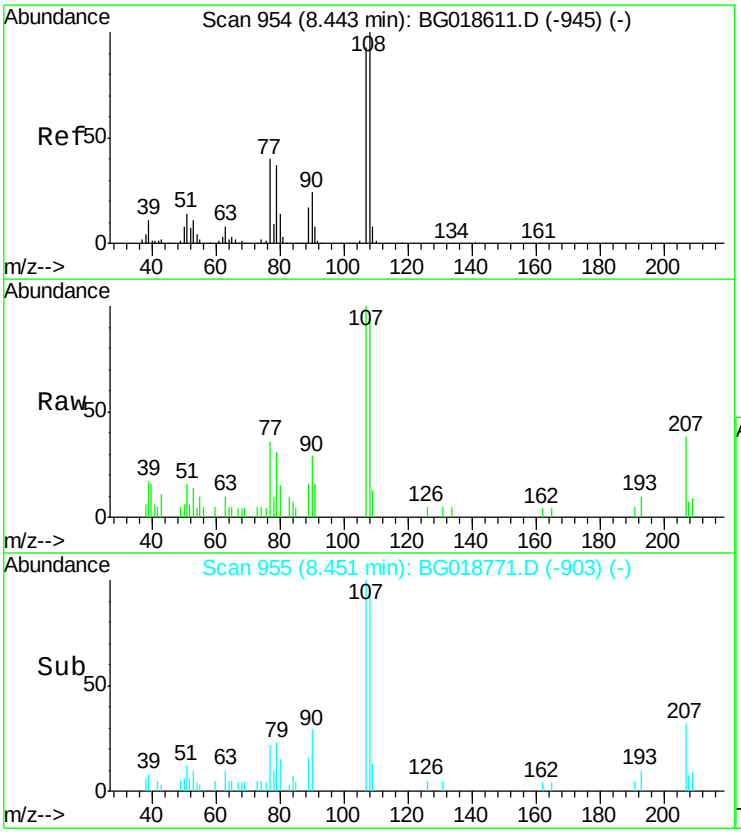
#7
Phenol-d6
Concen: 51.74 ng
RT: 7.17 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 216679

Ion	Ratio	Lower	Upper
99	100		
42	13.2	11.5	17.3
71	28.3	22.6	34.0

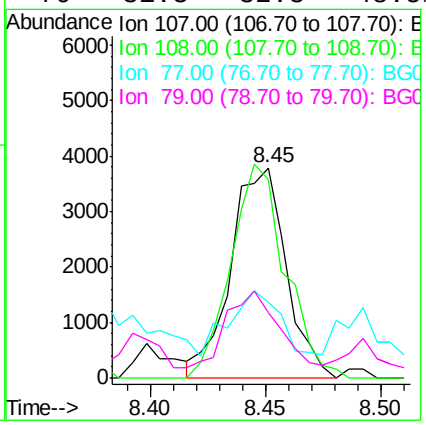


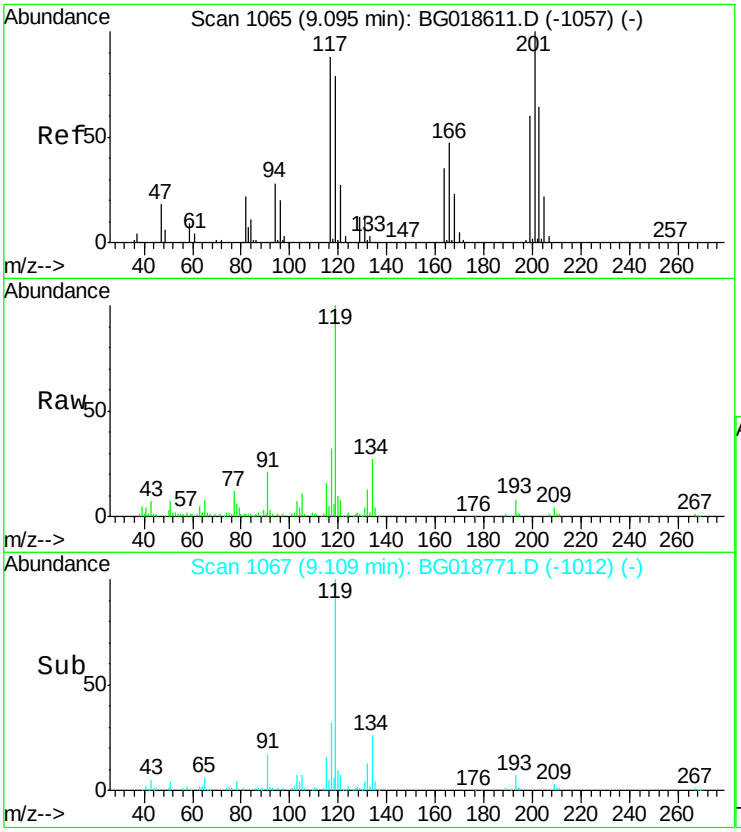


#17
2-Methylphenol
Concen: 2.05 ng
RT: 8.45 min Scan# 955
Delta R.T. 0.01 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:107 Resp: 6309

Ion	Ratio	Lower	Upper
107	100		
108	94.0	86.5	129.7
77	36.1	34.6	51.8
79	31.3	32.3	48.5#



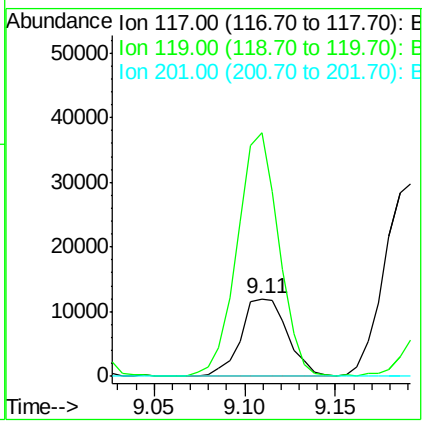


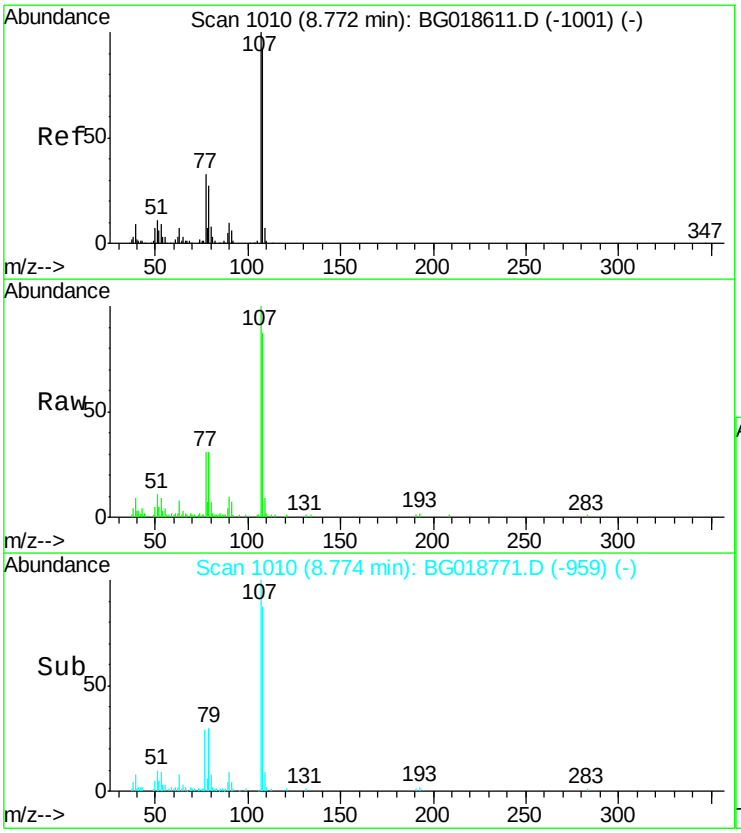
#18
Hexachloroethane
Concen: 15.30 ng
RT: 9.11 min Scan# 1067
Delta R.T. 0.02 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:117 Resp: 21535

Ion	Ratio	Lower	Upper
117	100		
119	313.0	71.7	107.5#
201	0.0	90.9	136.3#

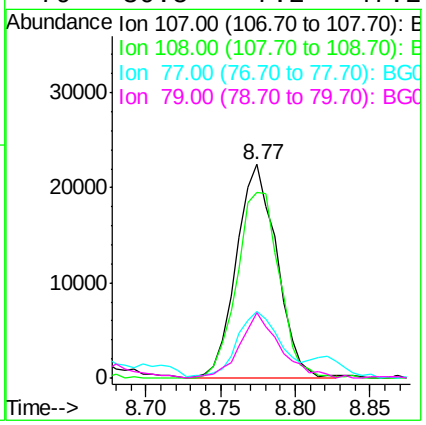


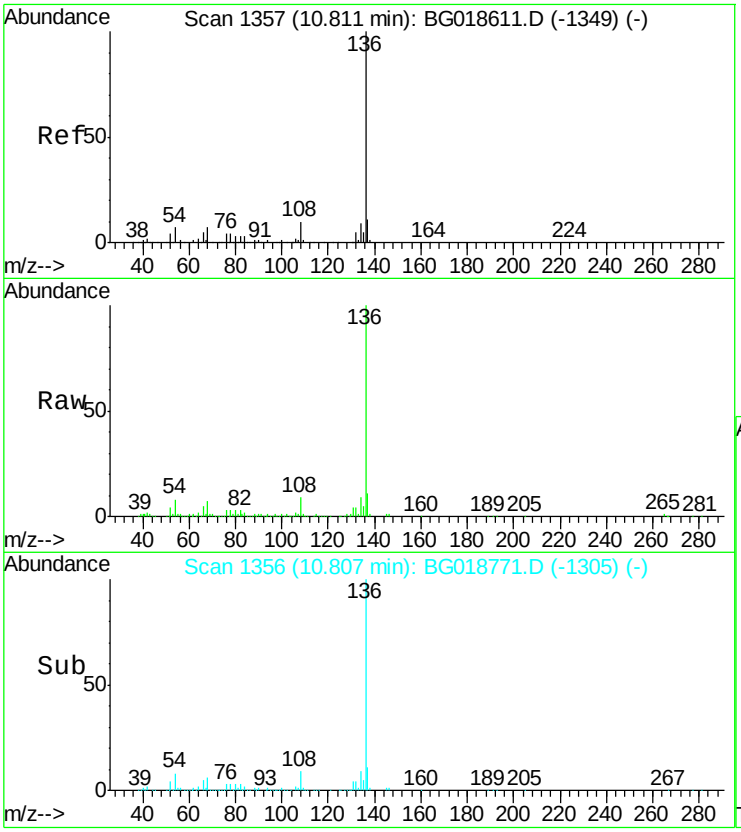


#20
3+4-Methylphenols
Concen: 9.76 ng
RT: 8.77 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:107 Resp: 42112

Ion	Ratio	Lower	Upper
107	100		
108	86.9	72.2	112.2
77	30.9	13.4	53.4
79	30.5	7.2	47.2



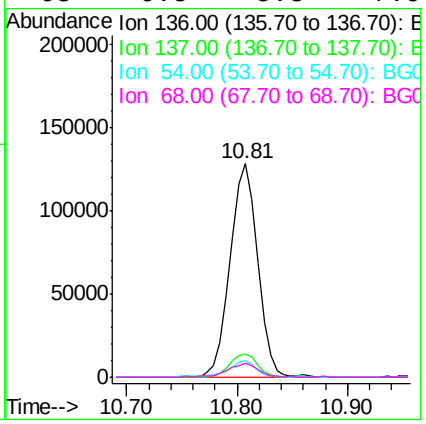


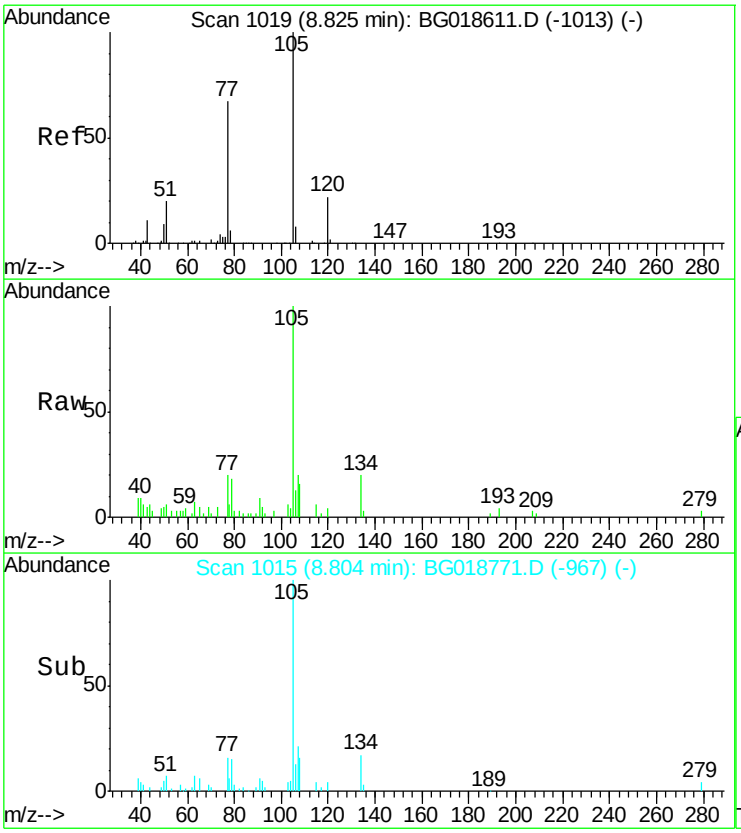
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 225618

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.5	5.4	8.2
68	6.5	5.3	7.9

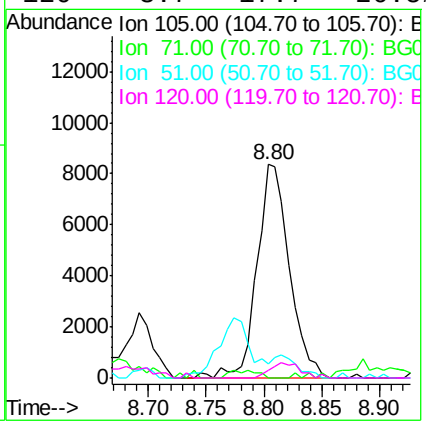


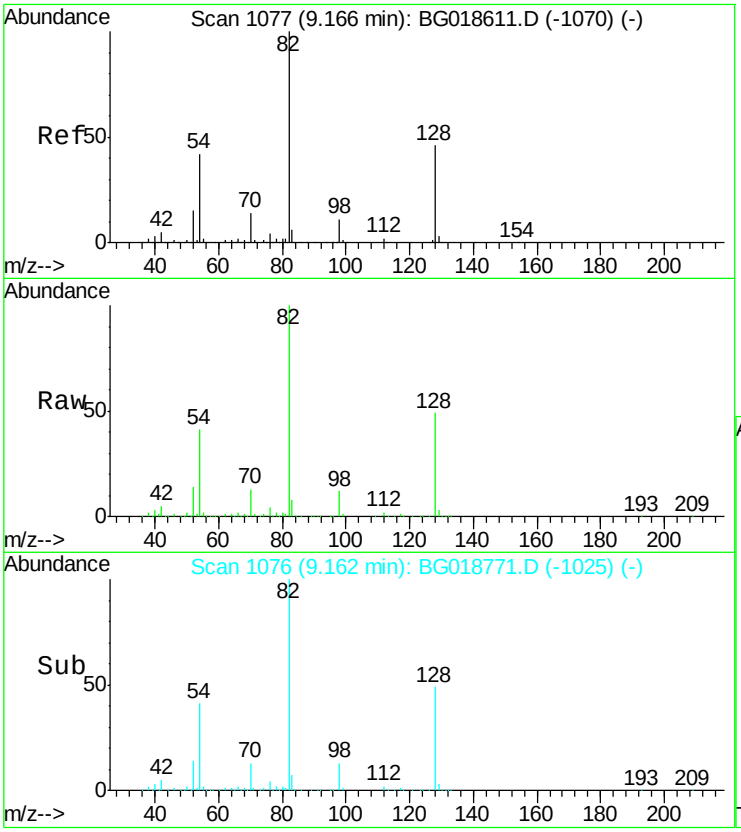


#22
Acetophenone
Concen: 2.86 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:105 Resp: 16373

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.1	3.1#
51	6.5	17.8	26.8#
120	3.7	17.7	26.5#



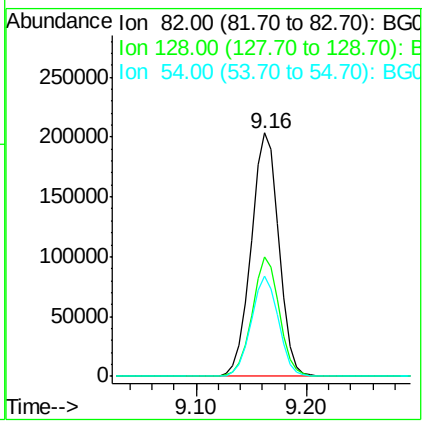


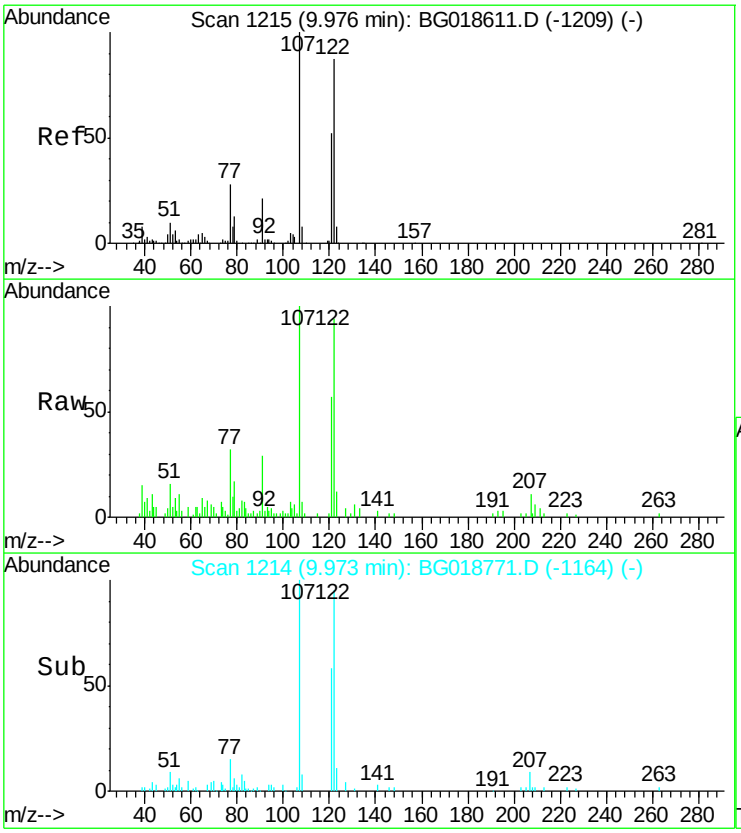
#23
Nitrobenzene-d5
Concen: 88.87 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 358327

Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.7	55.1
54	41.1	33.8	50.8

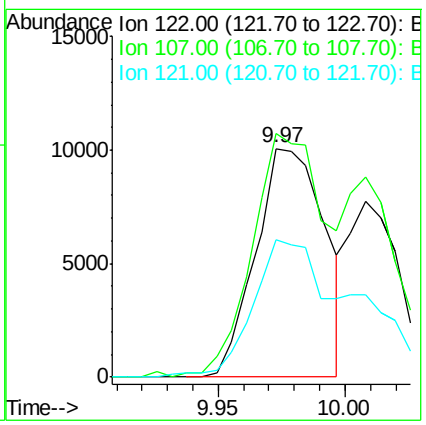


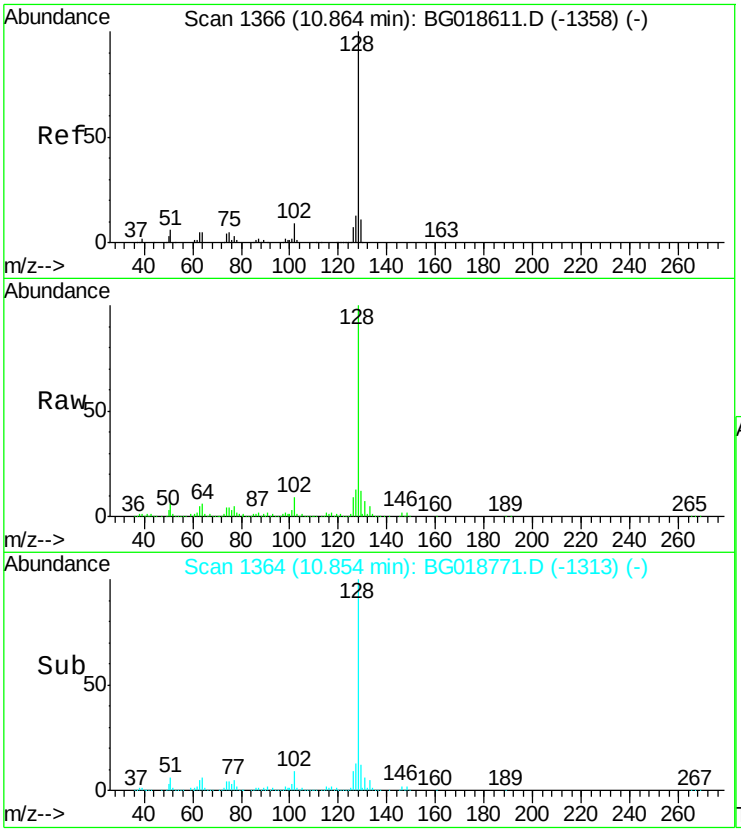


#27
2,4-Dimethylphenol
Concen: 5.25 ng
RT: 9.97 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:122 Resp: 19050

Ion	Ratio	Lower	Upper
122	100		
107	106.6	91.6	137.4
121	60.3	47.3	70.9



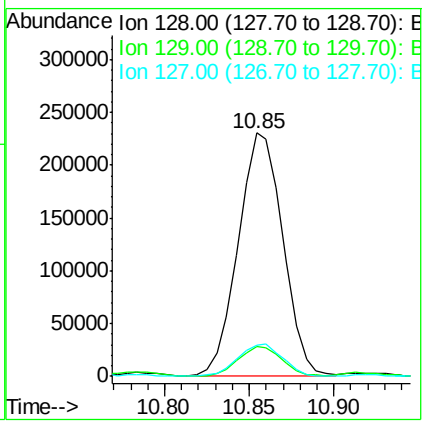


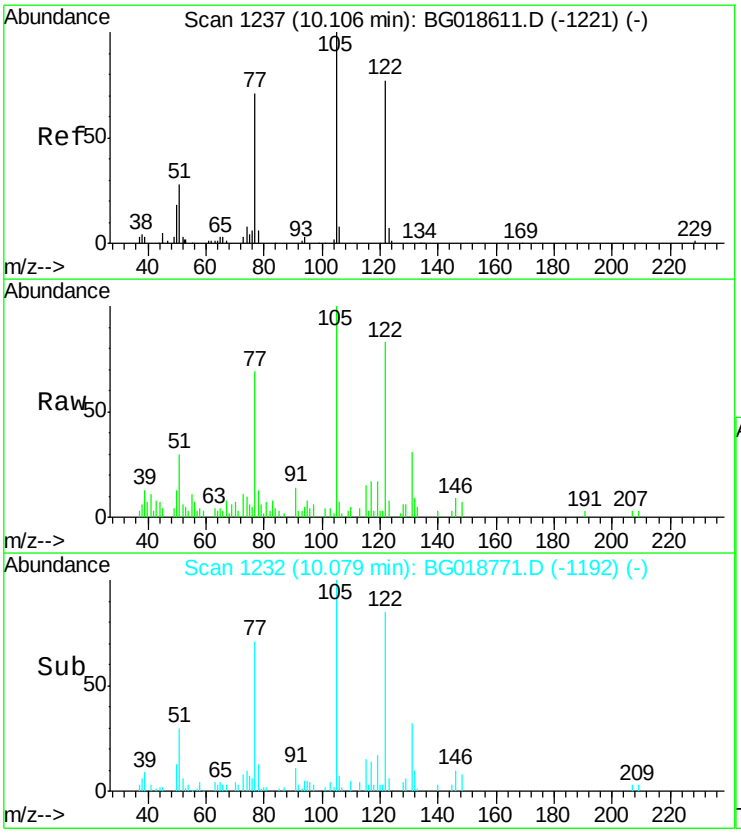
#31
Naphthalene
Concen: 34.73 ng
RT: 10.85 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 419548

Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.5	12.7
127	13.1	10.6	16.0

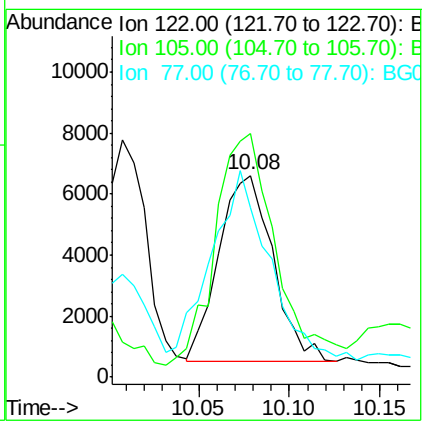


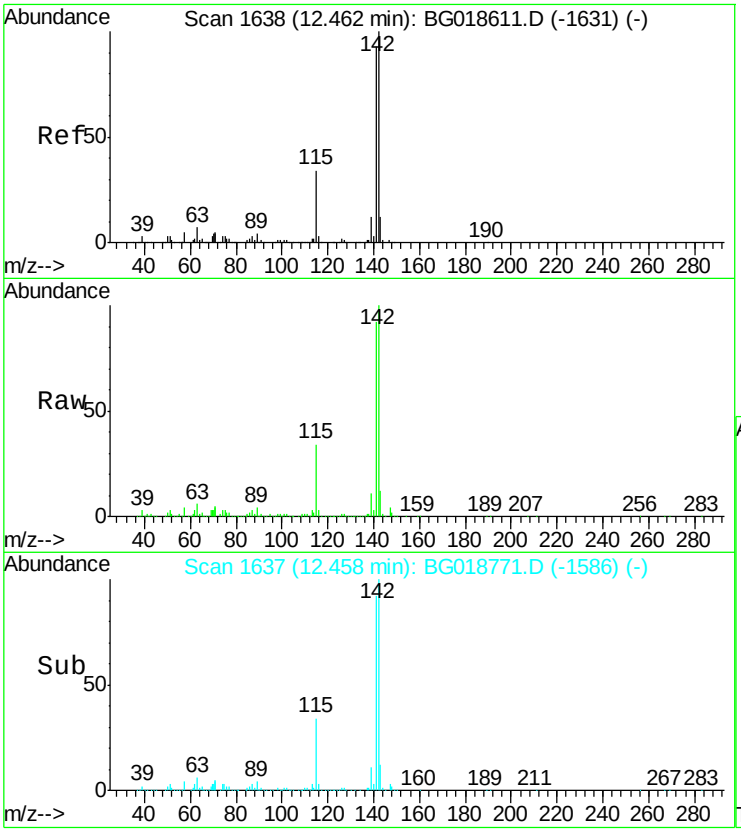


#32
Benzoic acid
Concen: 11.46 ng
RT: 10.08 min Scan# 1232
Delta R.T. -0.06 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:122 Resp: 12710

Ion	Ratio	Lower	Upper
122	100		
105	120.8	103.8	143.8
77	83.8	68.8	108.8



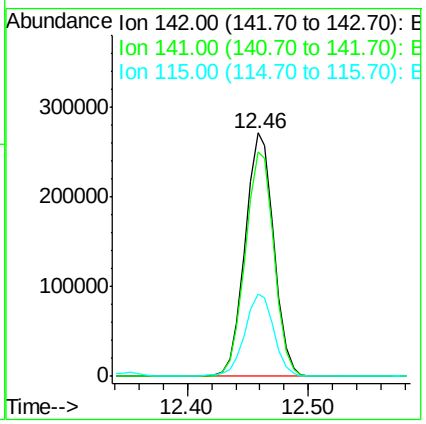


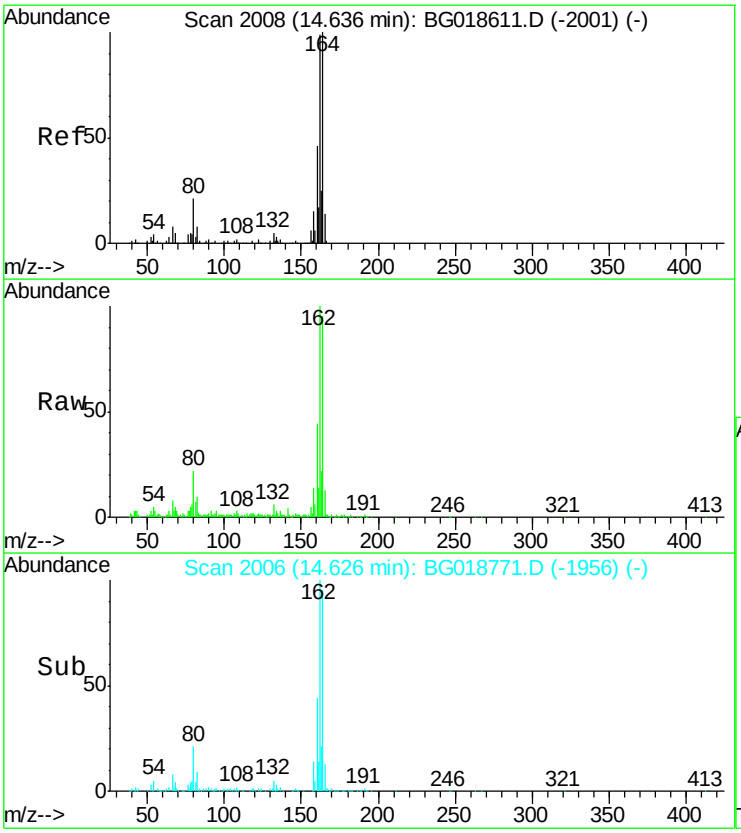
#37
2-Methylnaphthalene
Concen: 50.67 ng
RT: 12.46 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 448135

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.6	112.0
115	33.7	27.4	41.0

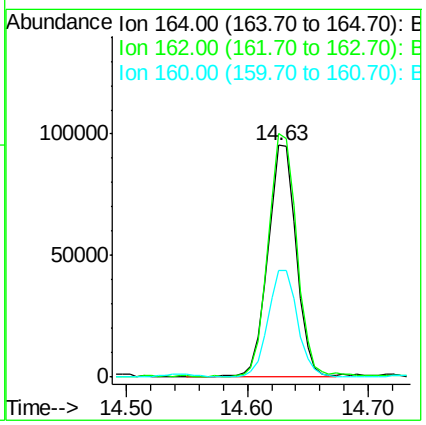


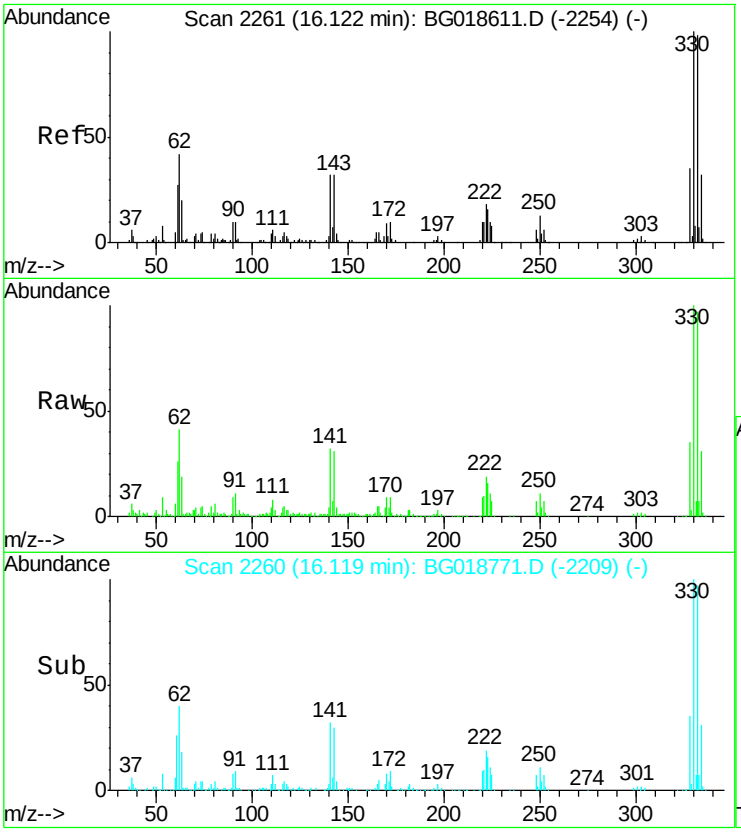


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:164 Resp: 154331

Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.8	118.2
160	46.0	36.4	54.6



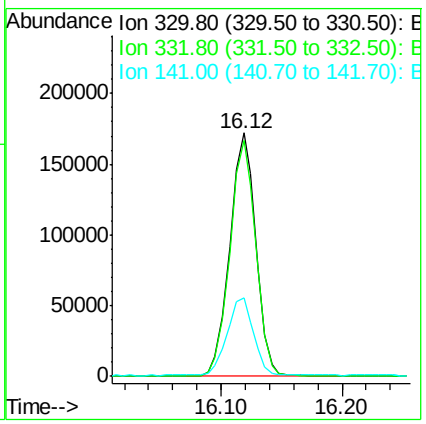


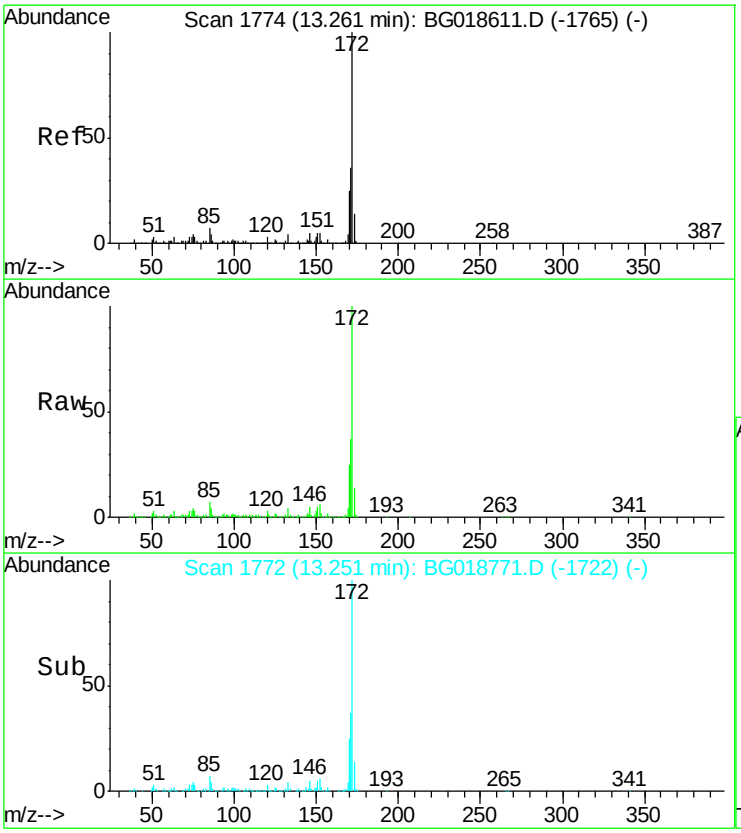
#41
2,4,6-Tribromophenol
Concen: 124.52 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 258751

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	32.1	28.2	42.2

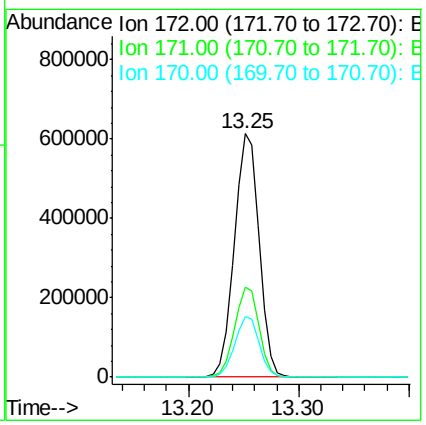


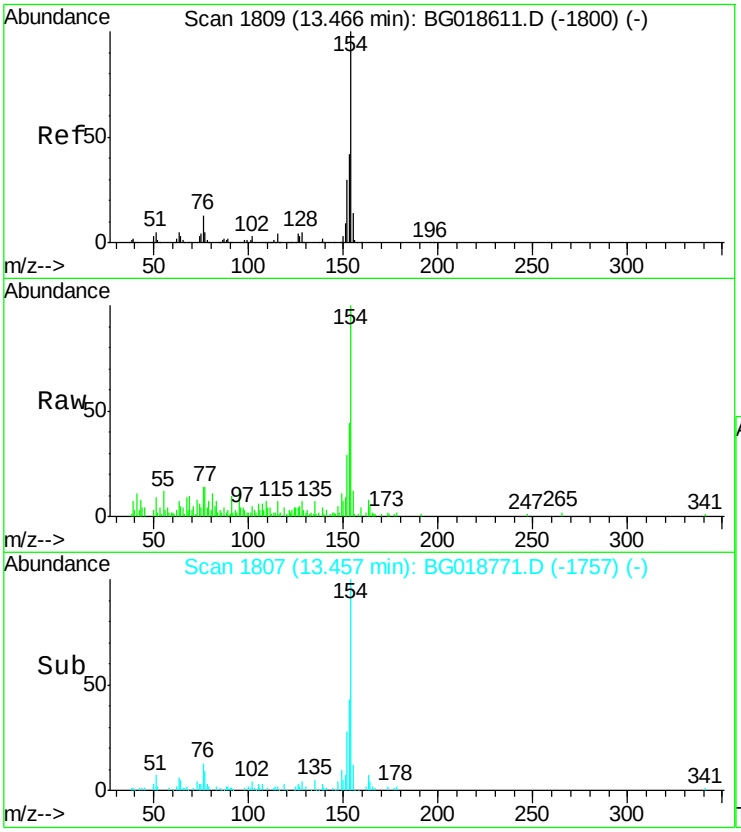


#44
2-Fluorobiphenyl
Concen: 86.99 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:172 Resp: 967168

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	24.8	19.9	29.9



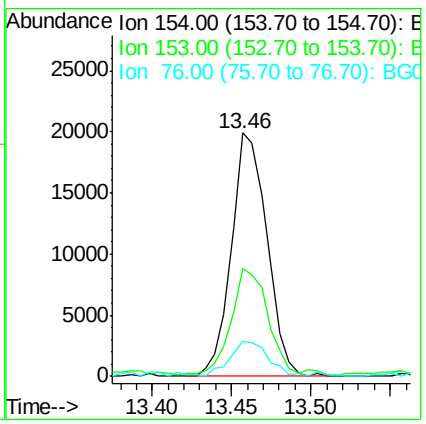


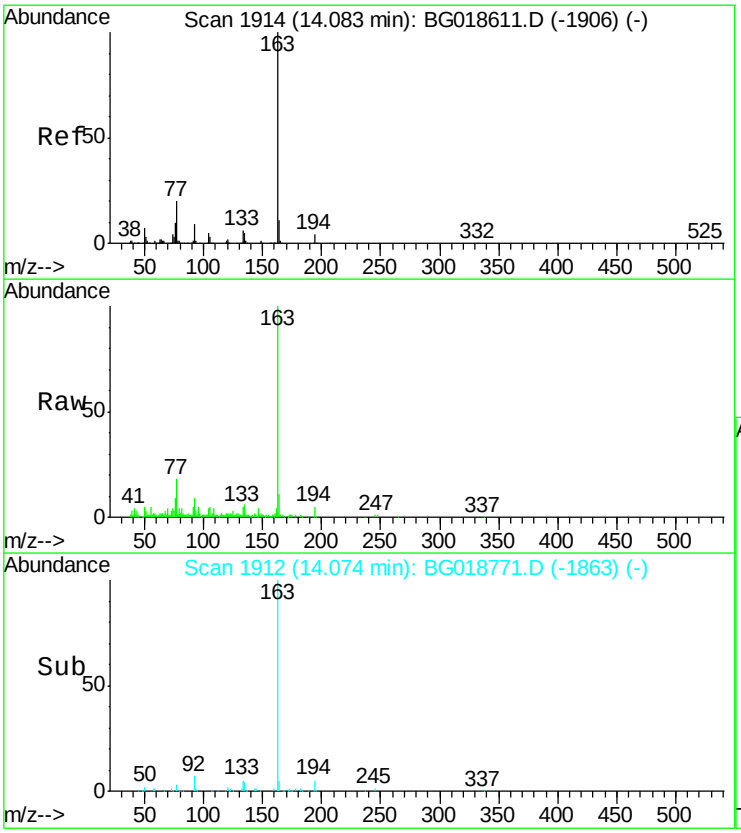
#45
1,1'-Biphenyl
Concen: 2.52 ng
RT: 13.46 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 30869

Ion	Ratio	Lower	Upper
154	100		
153	44.2	21.9	61.9
76	14.1	0.0	33.2

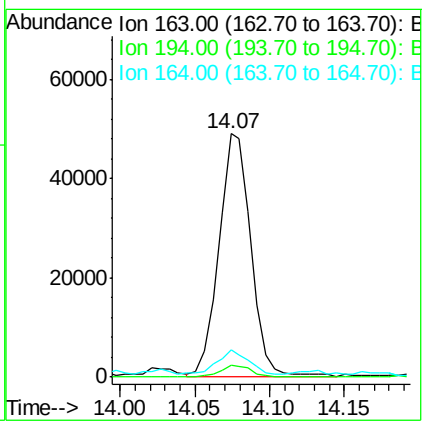


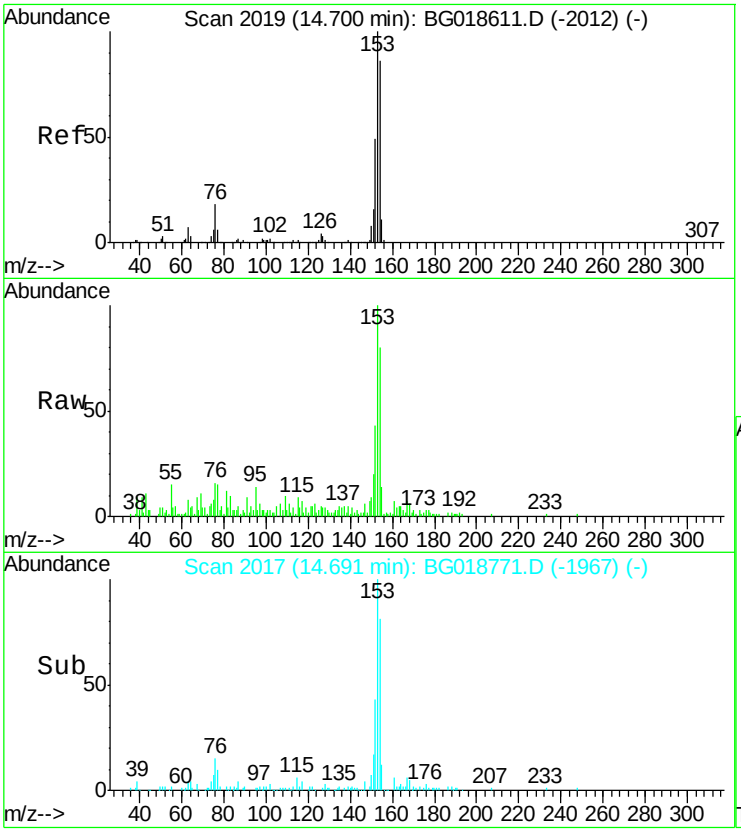


#49
Dimethylphthalate
Concen: 5.71 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:163 Resp: 72955

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.1	4.7#
164	11.4	8.8	13.2



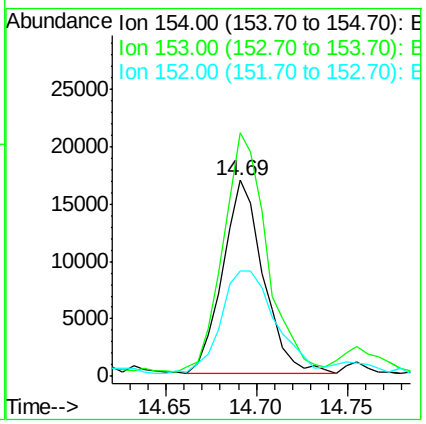


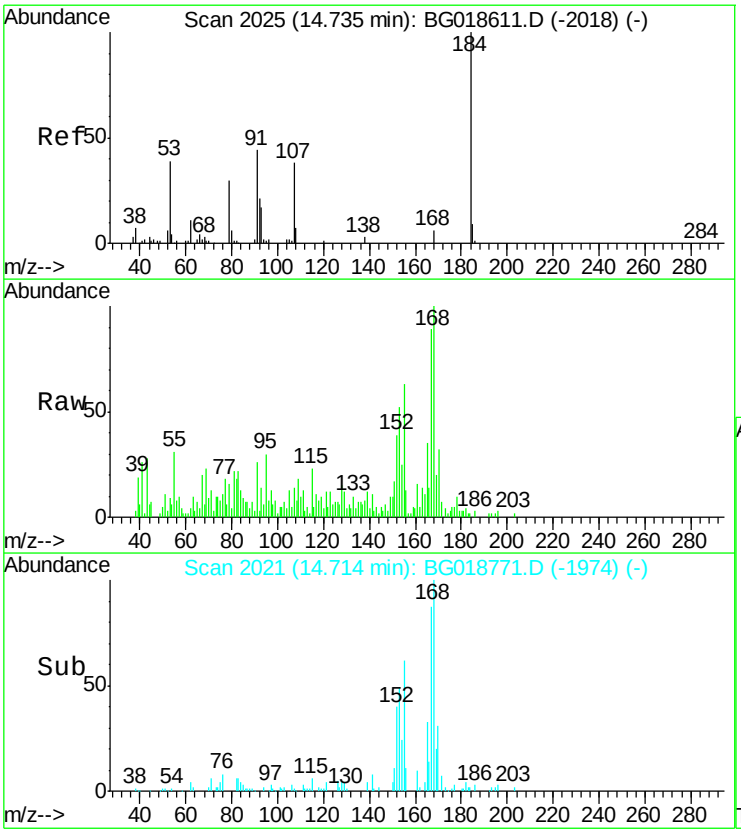
#51
Acenaphthene
Concen: 2.69 ng
RT: 14.69 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 26189

Ion	Ratio	Lower	Upper
154	100		
153	124.4	92.9	139.3
152	54.1	45.8	68.8

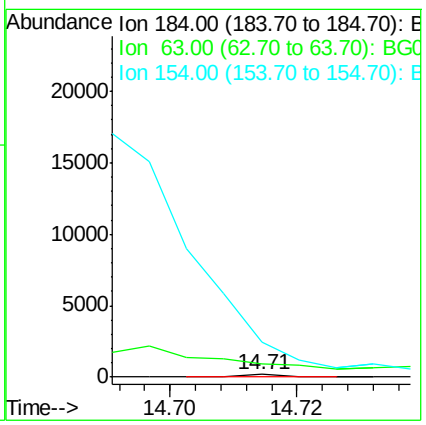


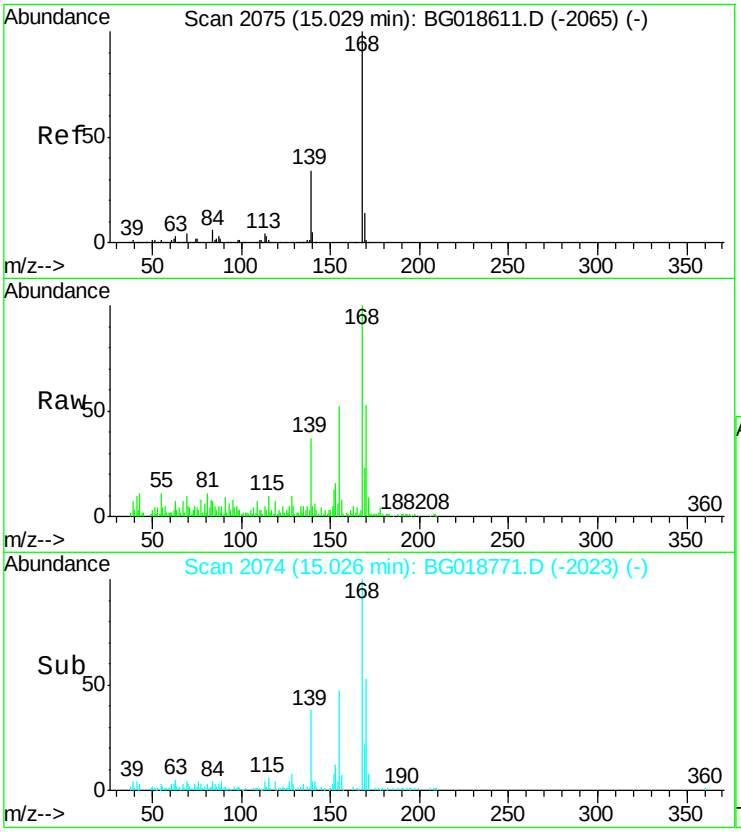


#53
2,4-Dinitrophenol
Concen: 7.69 ng
RT: 14.71 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:184 Resp: 67

Ion	Ratio	Lower	Upper
184	100		
63	505.3	42.7	64.1#
154	1283.7	44.3	66.5#



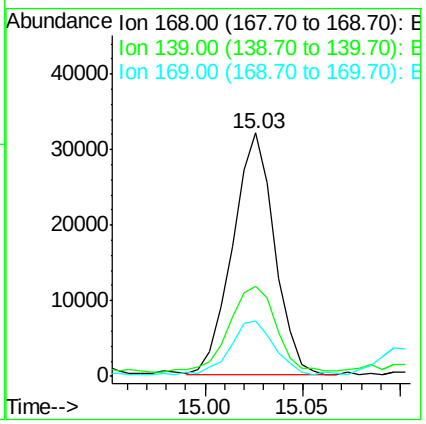


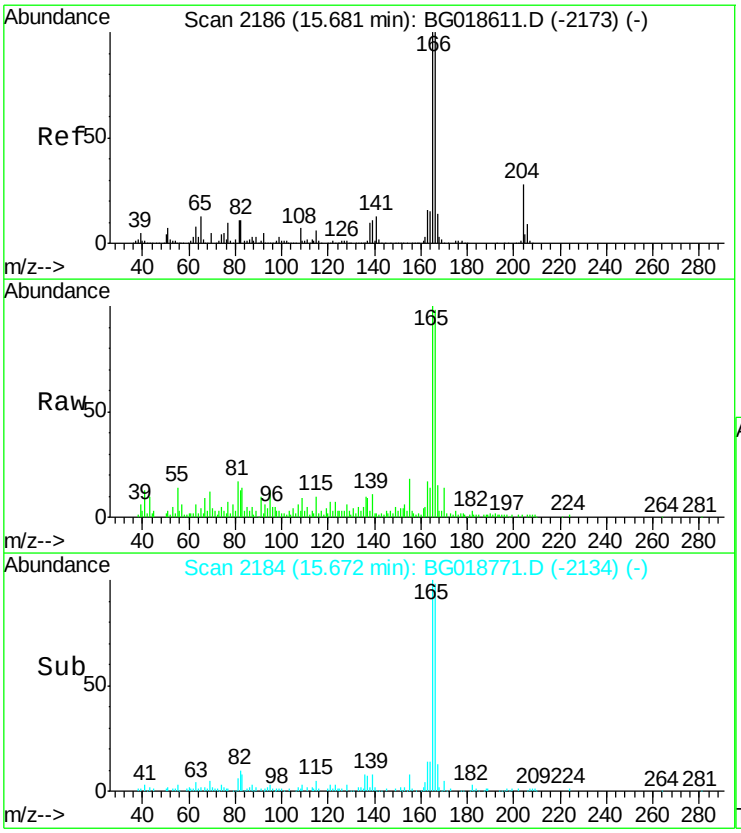
#54
Dibenzofuran
Concen: 3.14 ng
RT: 15.03 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 47463

Ion	Ratio	Lower	Upper
168	100		
139	37.2	27.4	41.0
169	22.8	11.0	16.4#

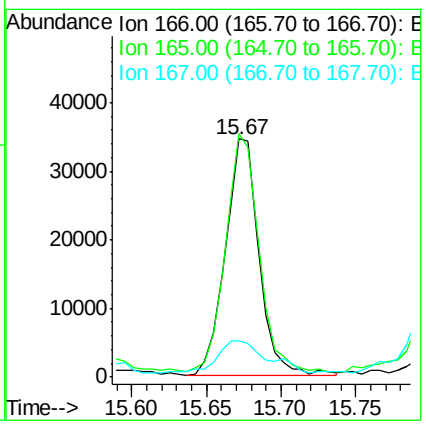


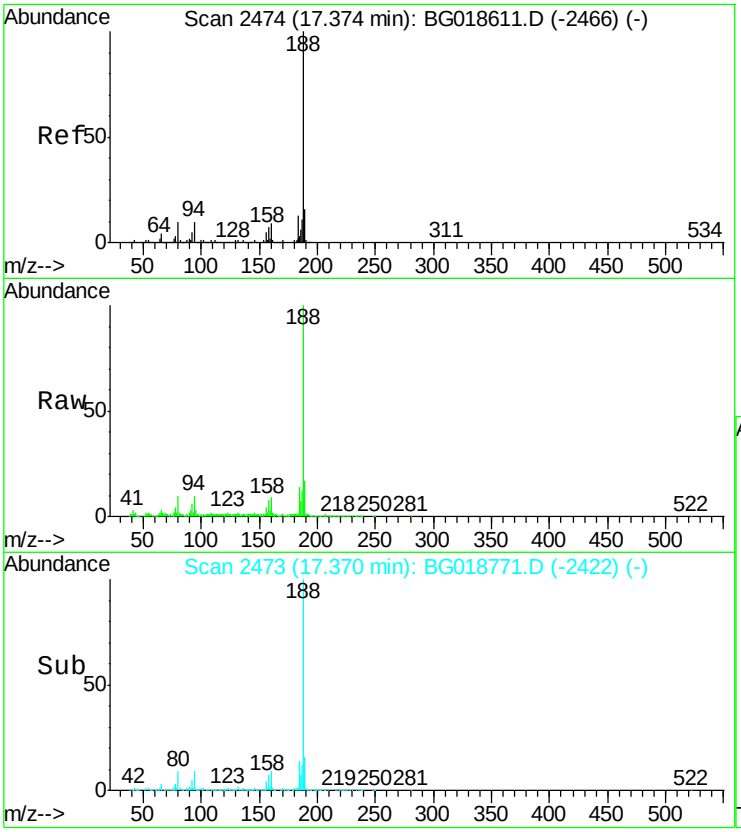


#57
Fluorene
Concen: 4.17 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:166 Resp: 54256

Ion	Ratio	Lower	Upper
166	100		
165	102.2	80.0	120.0
167	15.5	11.1	16.7



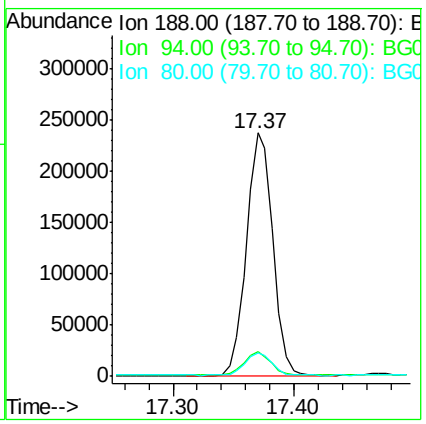


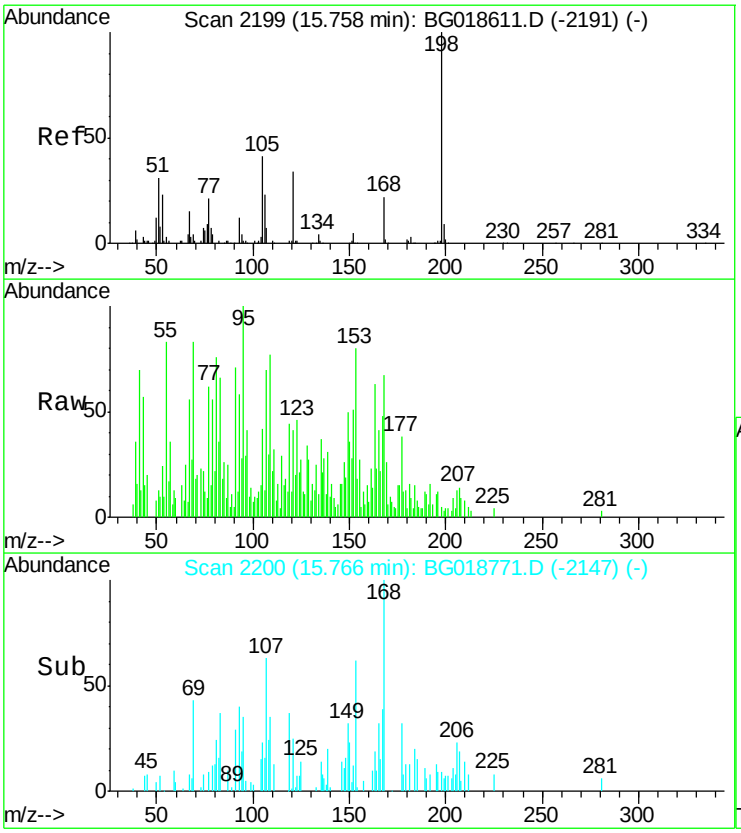
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. 0.00 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 359481

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.7	11.5
80	9.7	7.8	11.8

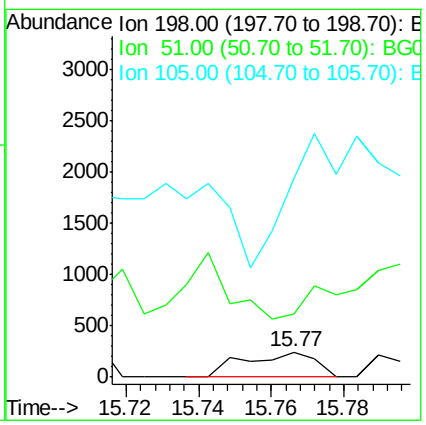


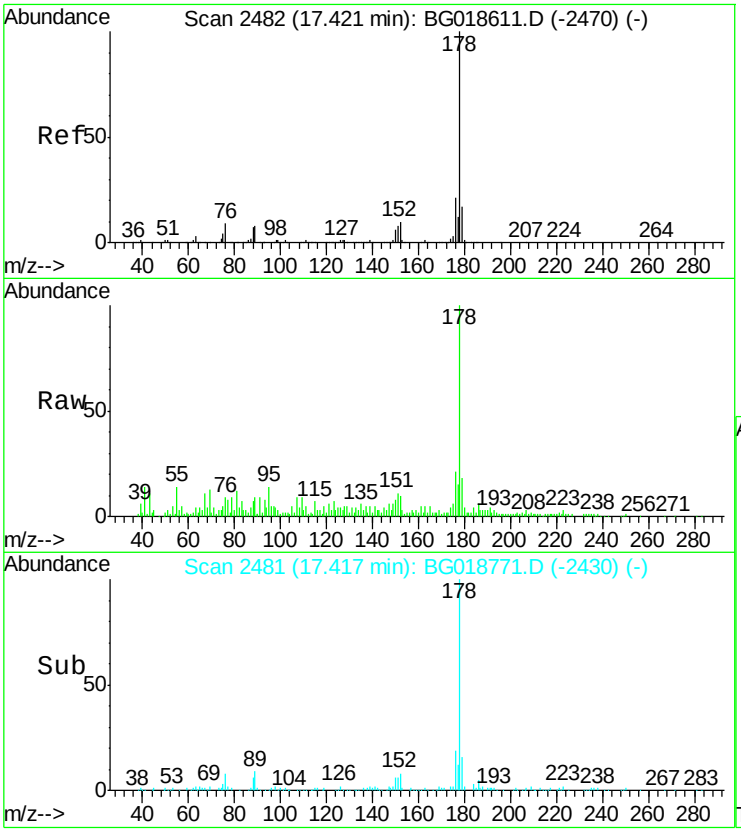


#64
4,6-Dinitro-2-methylphenol
Concen: 5.55 ng
RT: 15.77 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:198 Resp: 331

Ion	Ratio	Lower	Upper
198	100		
51	249.6	14.2	54.2#
105	795.1	21.1	61.1#



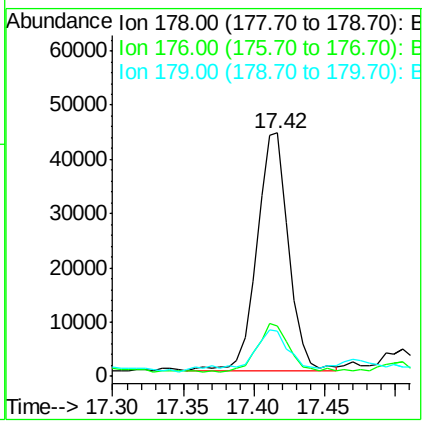


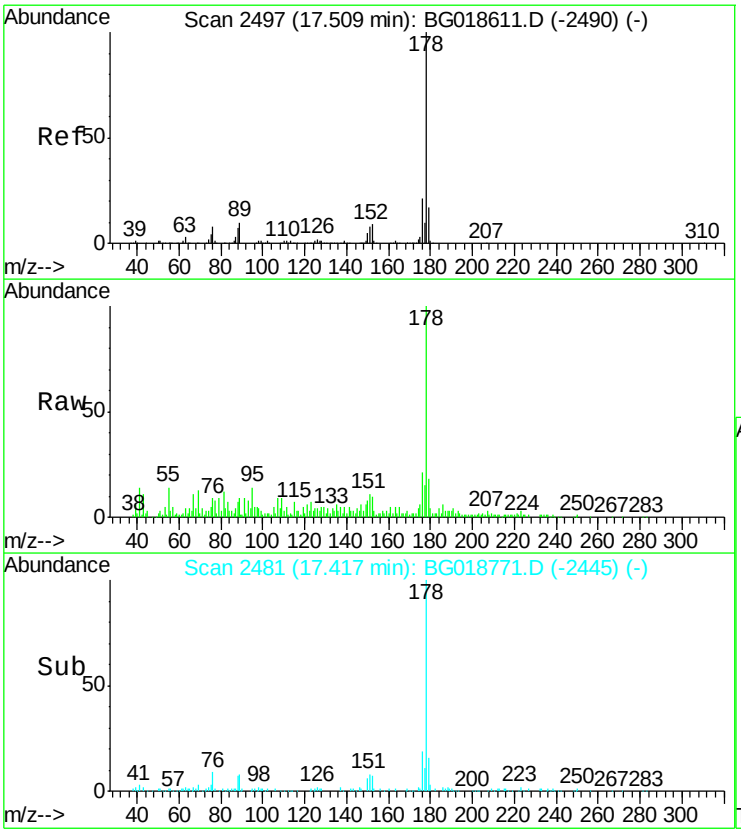
#70
Phenanthrene
Concen: 3.65 ng
RT: 17.42 min Scan# 2481
Delta R.T. 0.00 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 68973

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.7	25.1
179	18.4	13.9	20.9

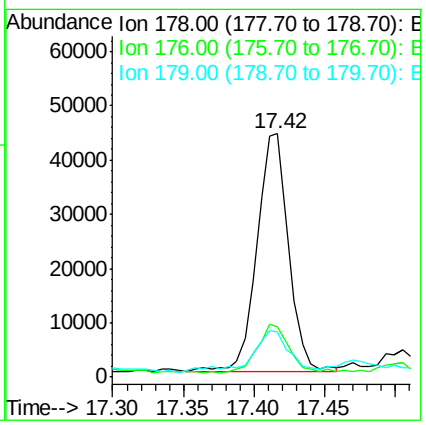


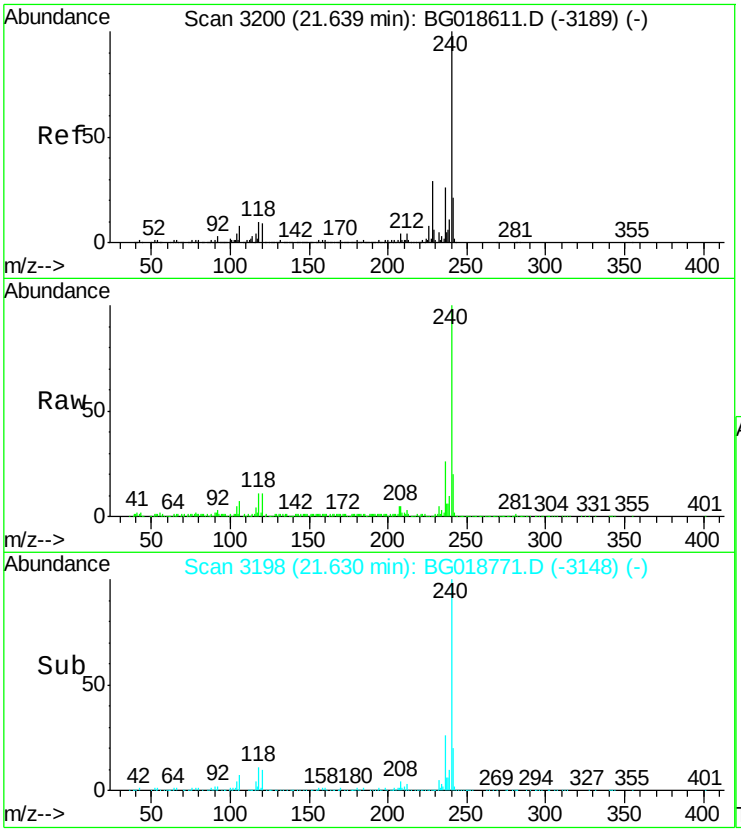


#71
Anthracene
Concen: 3.60 ng
RT: 17.42 min Scan# 2481
Delta R.T. -0.09 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:178 Resp: 68973

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.8	25.2
179	18.4	13.9	20.9



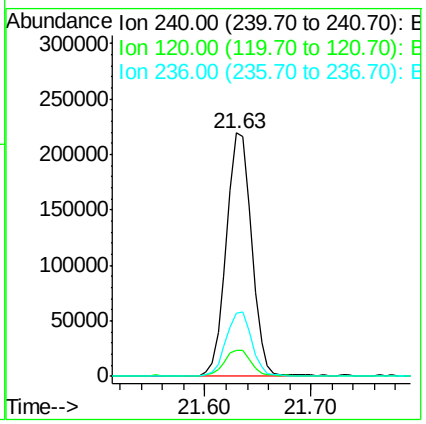


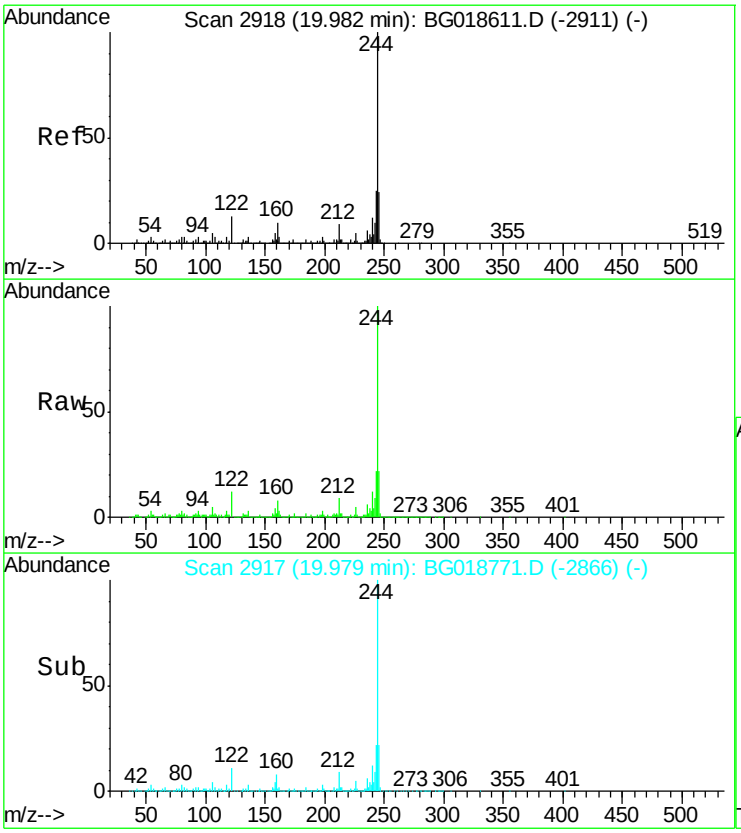
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 360450

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.4	11.0
236	25.9	20.7	31.1

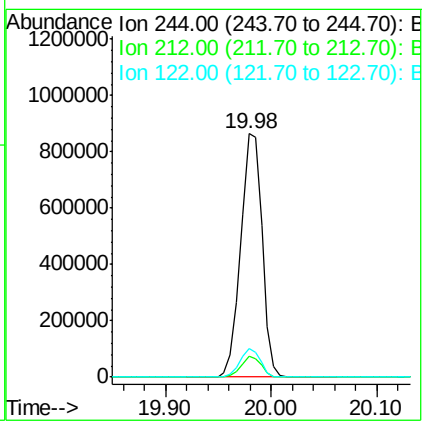


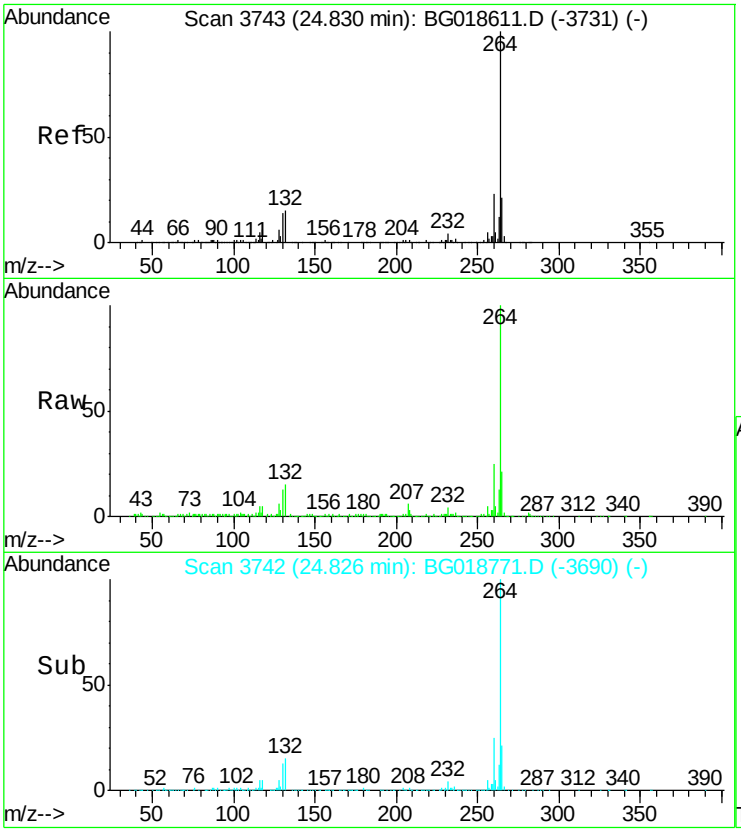


#78
Terphenyl-d14
Concen: 88.08 ng
RT: 19.98 min Scan# 2917
Delta R.T. -0.00 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Tgt Ion:244 Resp: 1209007

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	11.6	10.2	15.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.83 min Scan# 3742
Delta R.T. 0.01 min
Lab File: BG018771.D
Acq: 18 Sep 2015 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 364246

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.5	27.7
265	21.1	17.2	25.8