Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
Operator : TP/IZ
Sample : G1139-12
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B4

Quant Time: Jan 28 06:23:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:36:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	89310	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	348854	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	300611	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	816588	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1176379	20.00	ng		0.00
86) Perylene-d12	23.52	264	1152675	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	271128	45.21	ng		0.00
7) Phenol-d6	6.87	99	260419	26.95	ng		0.00
23) Nitrobenzene-d5	8.84	82	874155	72.23	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	625479	113.66	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	1751525	91.42	ng		0.00
78) Terphenyl-d14	19.72	244	2735996	59.57	ng		0.00
Target Compounds							Qvalue
14) 1,2-Dichlorobenzene	8.03	146	241398	35.03	ng		96
18) Hexachloroethane	8.79	117	14962	4.14	ng	#	1
22) Acetophenone	8.49	105	37748	3.23	ng	#	72
30) 1,2,4-Trichlorobenzene	10.33	180	371374	48.62	ng		98
31) Naphthalene	10.52	128	626683	35.10	ng	#	94
32) Benzoic acid	9.91	122	194	10.38	ng		93
33) 4-Chloroaniline	10.52	127	86579	10.40	ng	#	40
37) 2-Methylnaphthalene	12.14	142	291913	20.59	ng		97
45) 1,1'-Biphenyl	13.16	154	65815	3.47	ng		92
51) Acenaphthene	14.39	154	62426	4.08	ng	#	81
53) 2,4-Dinitrophenol	14.44	184	82	4.53	ng	#	1
54) Dibenzofuran	14.73	168	84960	3.37	ng	#	94
57) Fluorene	15.38	166	139347	6.12	ng		90
69) Pentachlorophenol	16.76	266	2100	5.60	ng	#	38
70) Phenanthrene	17.12	178	228853	5.59	ng	#	91
72) Carbazole	17.49	167	148675	4.20	ng	#	92
76) Benzidine	19.34	184	422	2.00	ng	#	1

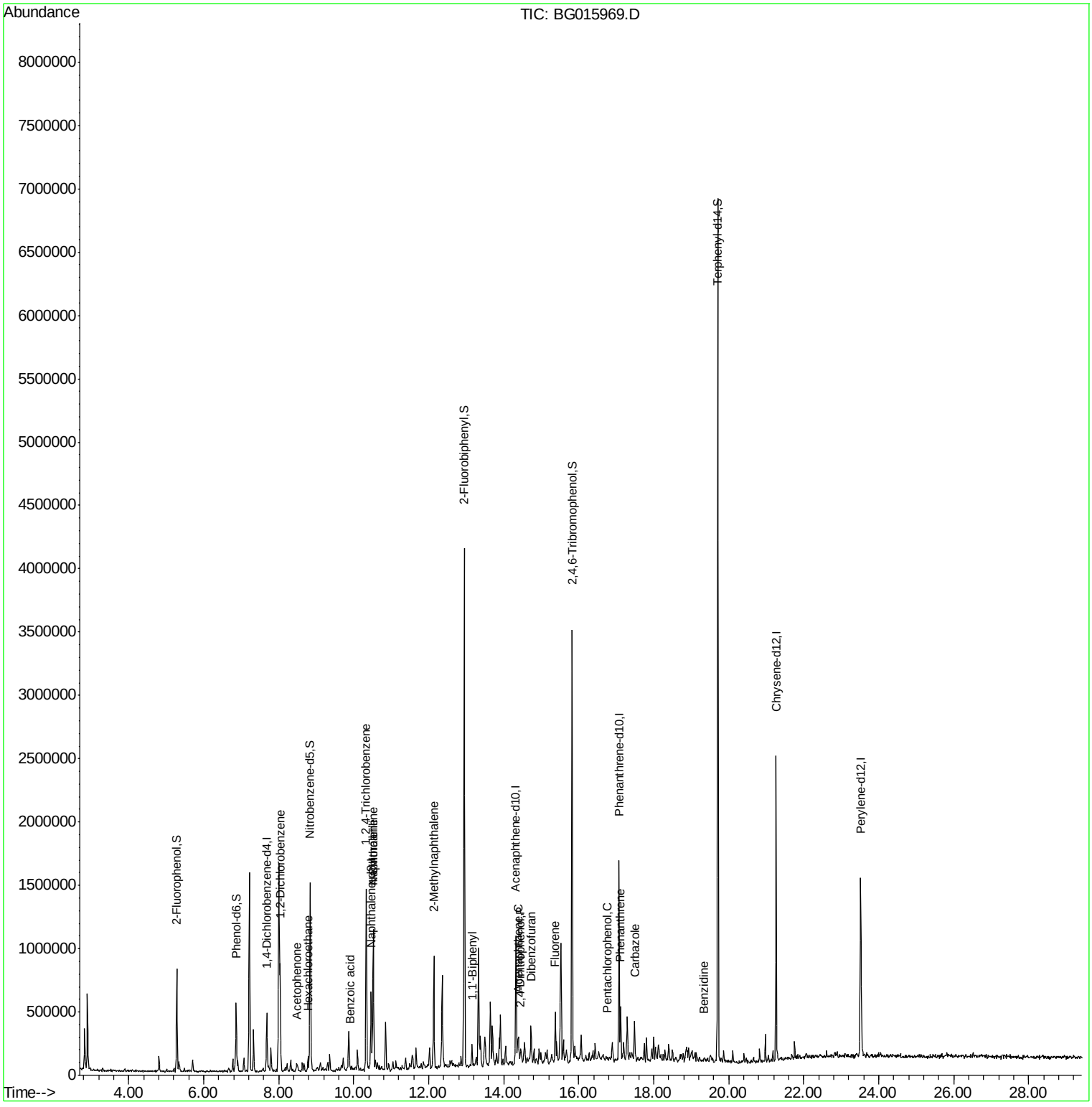
(#) = qualifier out of range (m) = manual integration (+) = signals summed

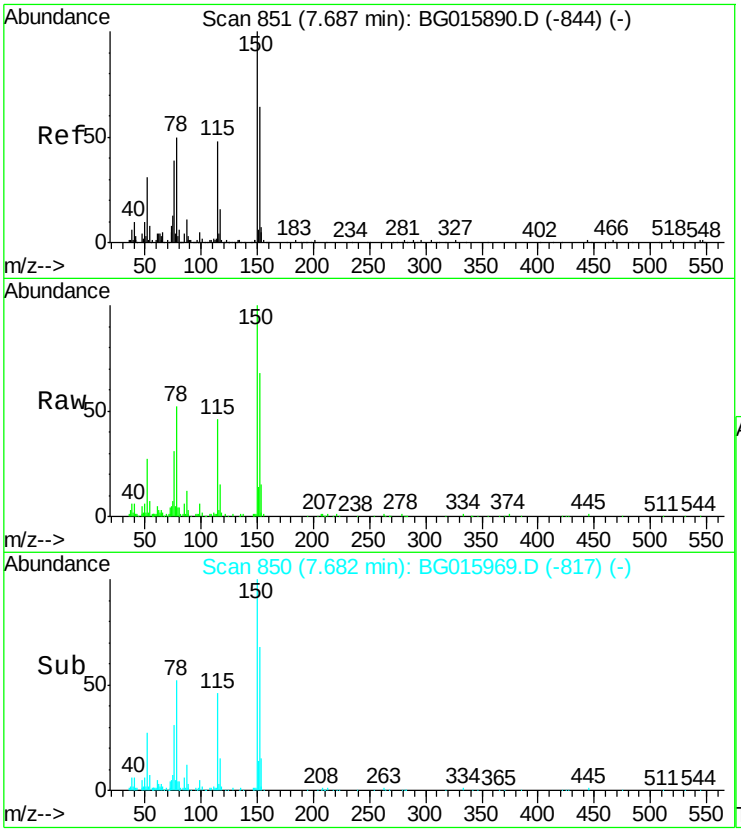
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
Operator : TP/IZ
Sample : G1139-12
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121B4

Quant Time: Jan 28 06:23:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:36:36 2015
Response via : Initial Calibration



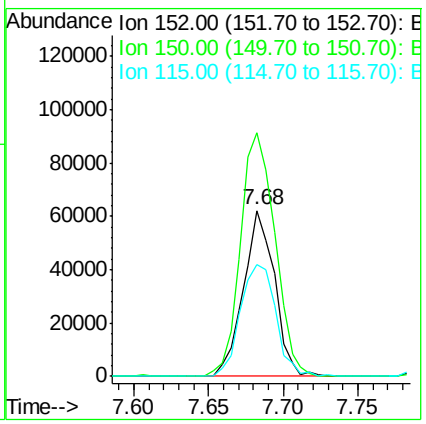


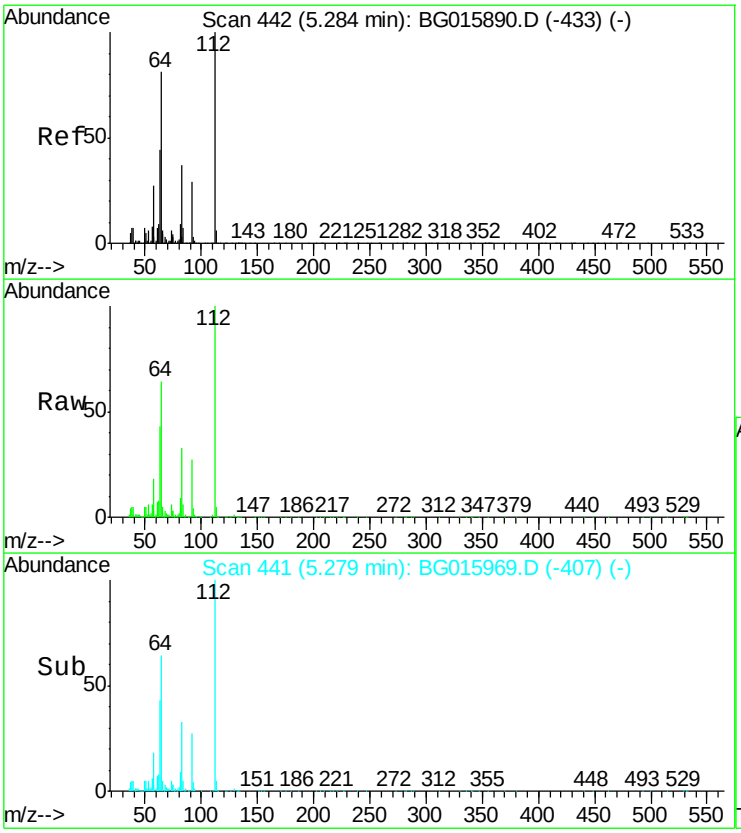
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:152 Resp: 89310

Ion	Ratio	Lower	Upper
152	100		
150	146.7	124.5	186.7
115	67.7	60.4	90.6

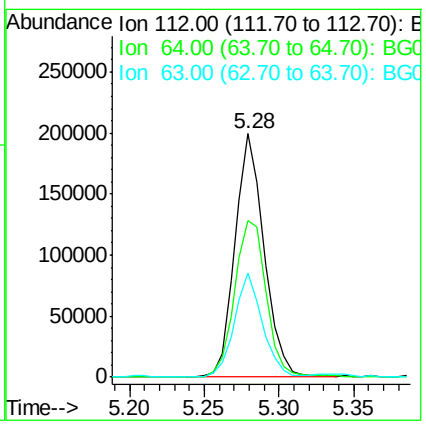


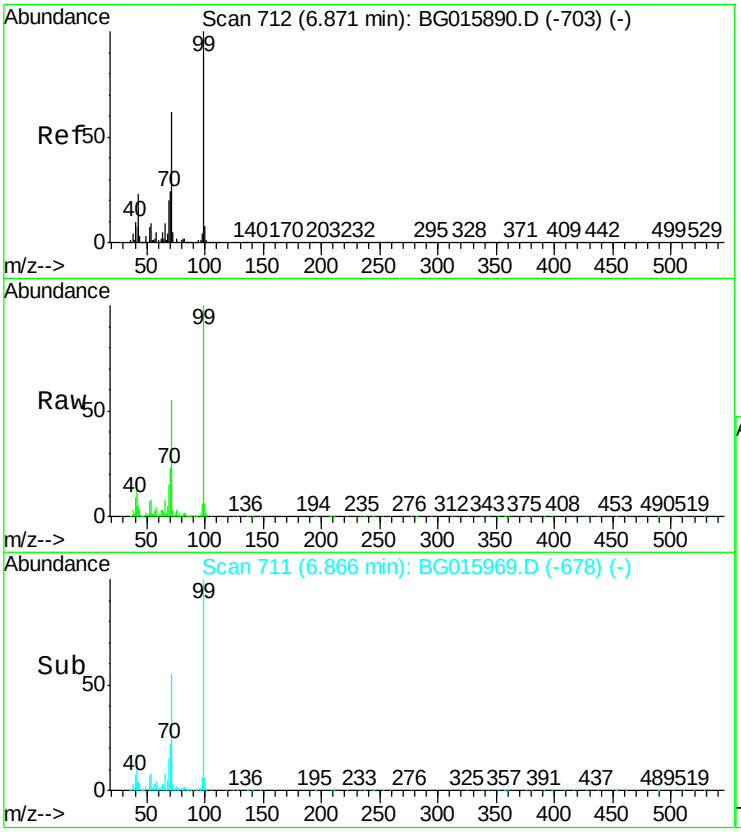


#5
2-Fluorophenol
Concen: 45.21 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:112 Resp: 271128

Ion	Ratio	Lower	Upper
112	100		
64	64.3	64.4	96.6#
63	43.0	35.1	52.7



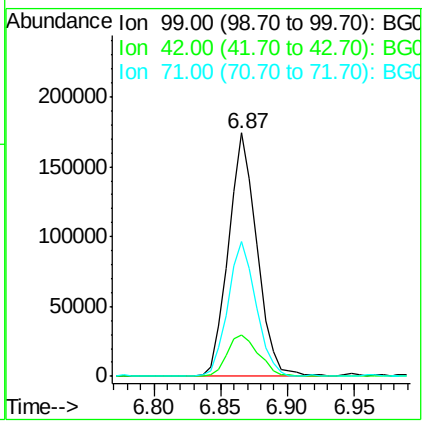


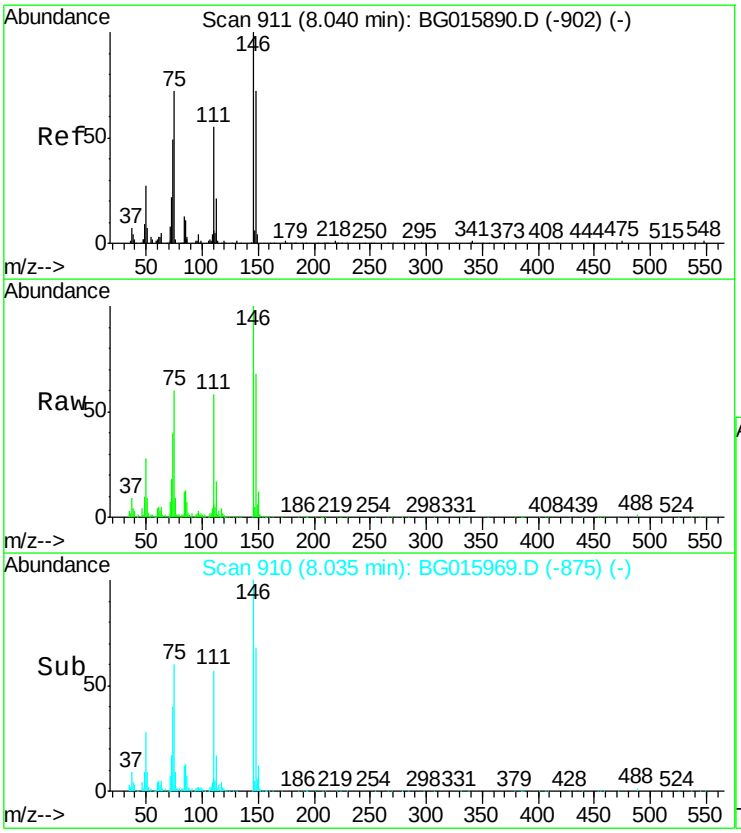
#7
Phenol-d6
Concen: 26.95 ng
RT: 6.87 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion: 99 Resp: 260419

Ion	Ratio	Lower	Upper
99	100		
42	16.9	18.1	27.1#
71	55.5	49.8	74.8

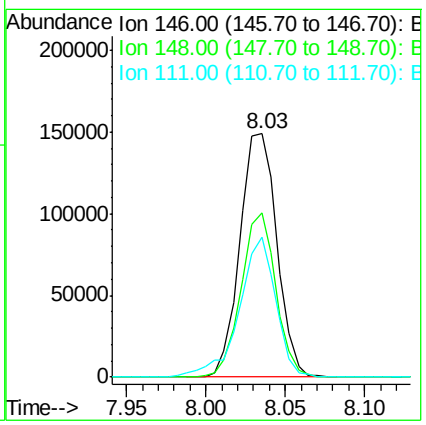


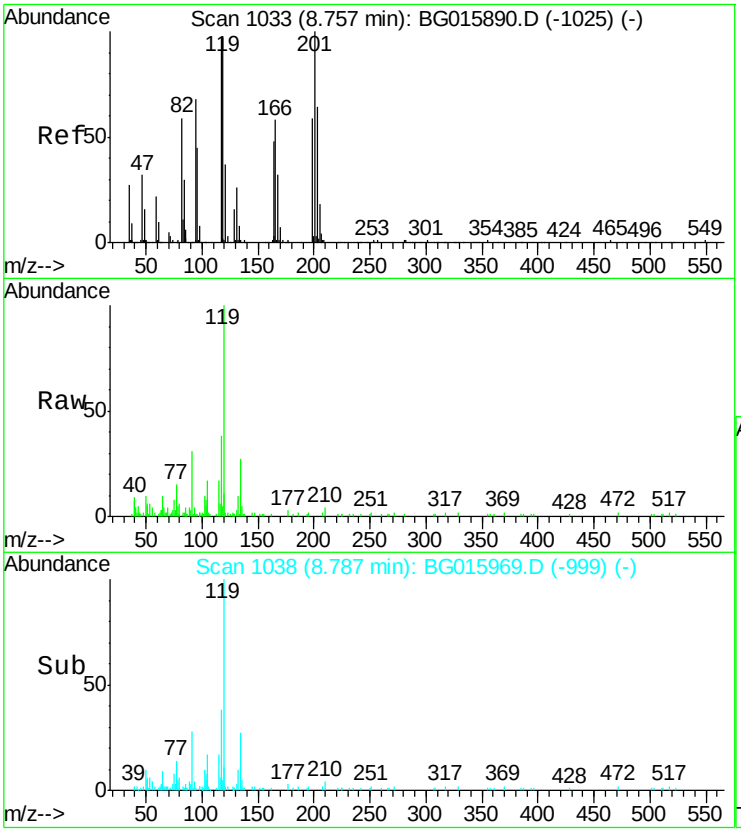


#14
1,2-Dichlorobenzene
Concen: 35.03 ng
RT: 8.03 min Scan# 910
Delta R.T. 0.01 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:146 Resp: 241398

Ion	Ratio	Lower	Upper
146	100		
148	67.7	57.7	86.5
111	57.7	44.6	66.8



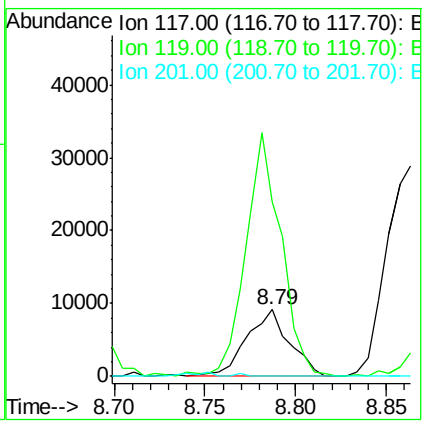


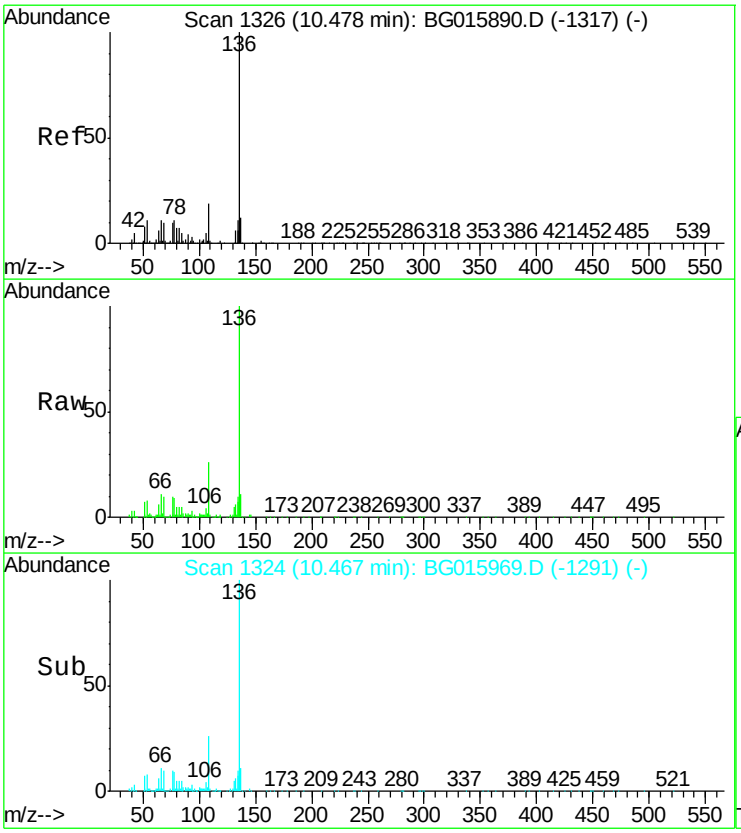
#18
Hexachloroethane
Concen: 4.14 ng
RT: 8.79 min Scan# 1038
Delta R.T. 0.03 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:117 Resp: 14962

Ion	Ratio	Lower	Upper
117	100		
119	262.4	80.2	120.2#
201	0.0	82.6	124.0#

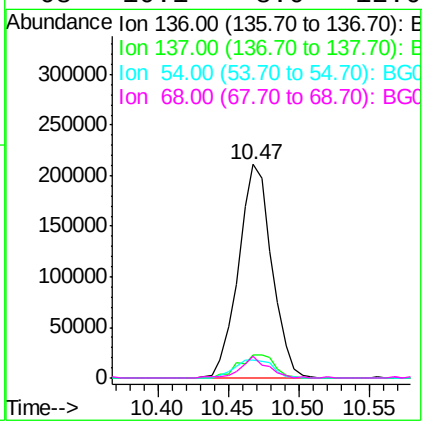


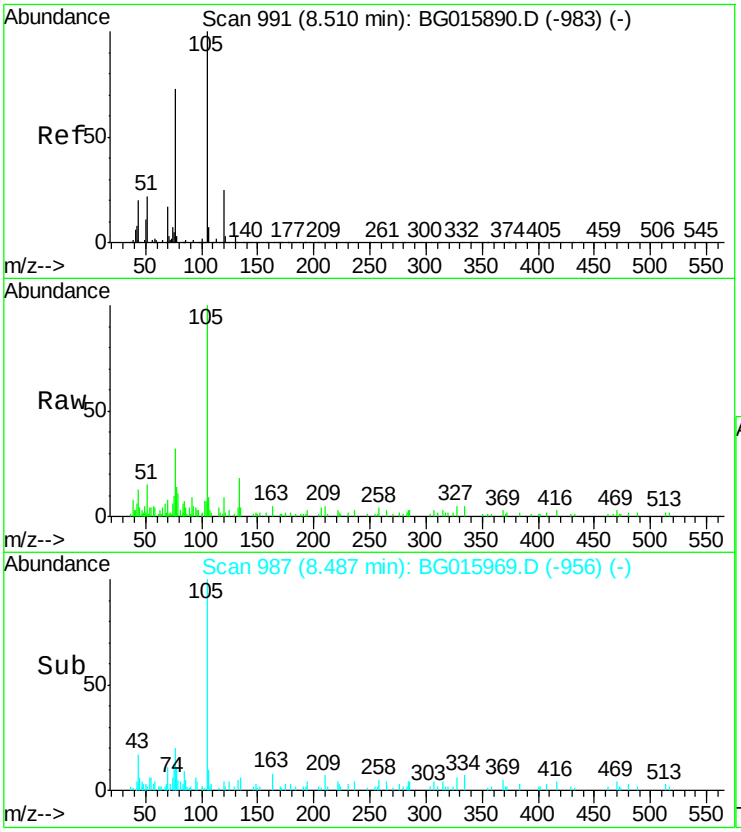


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:136 Resp: 348854

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.7	14.5
54	8.2	8.5	12.7#
68	10.1	8.0	12.0



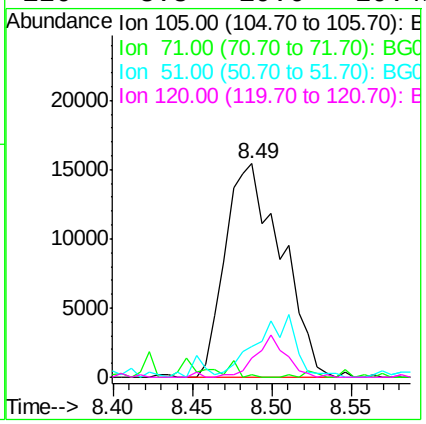


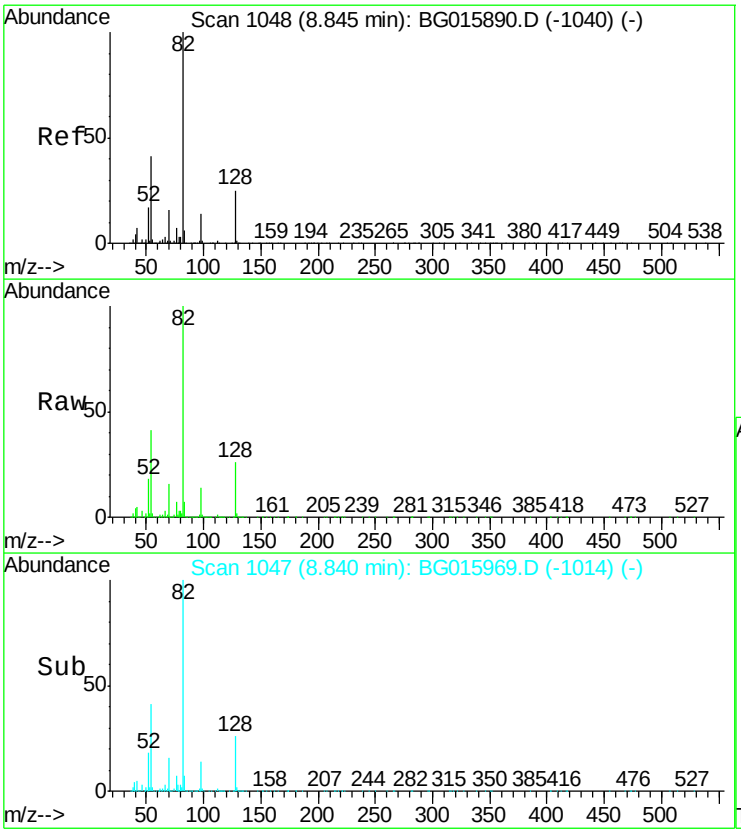
#22
Acetophenone
Concen: 3.23 ng
RT: 8.49 min Scan# 987
Delta R.T. -0.02 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:105 Resp: 37748

Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.4	3.6#
51	15.7	24.6	36.8#
120	8.8	19.6	29.4#

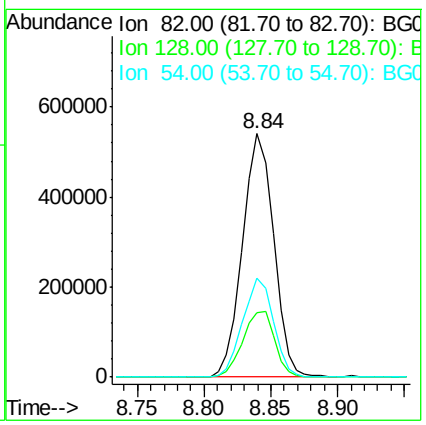


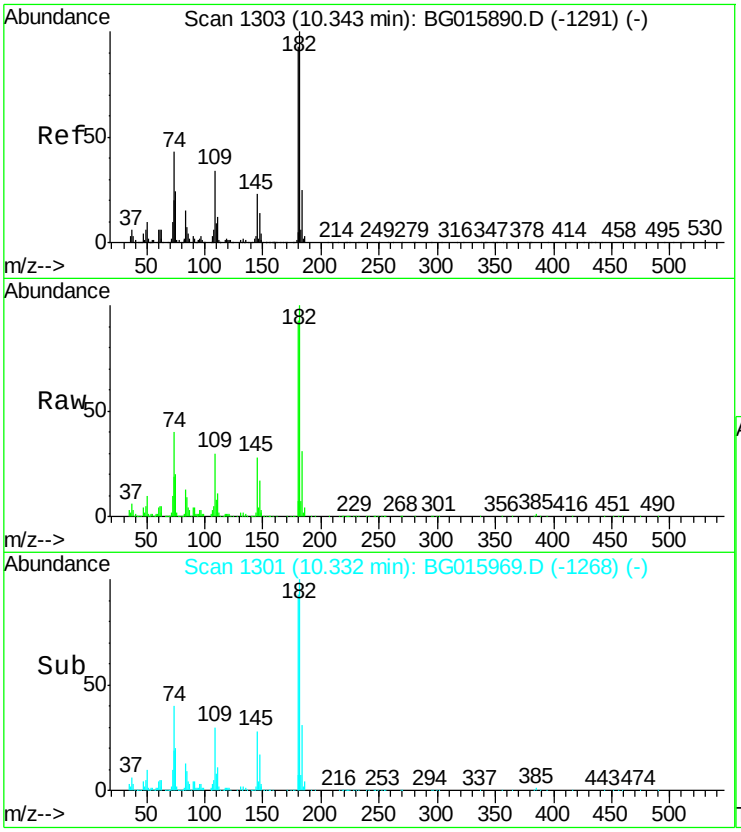


#23
Nitrobenzene-d5
Concen: 72.23 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion: 82 Resp: 874155

Ion	Ratio	Lower	Upper
82	100		
128	26.4	19.8	29.8
54	40.8	33.0	49.4



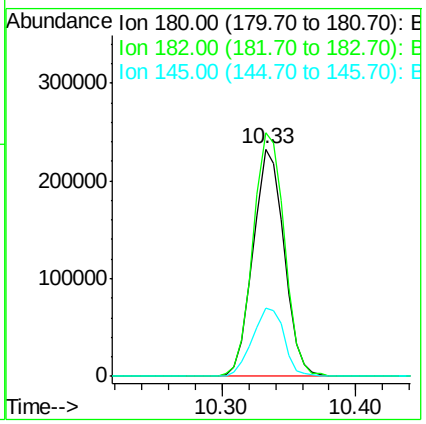


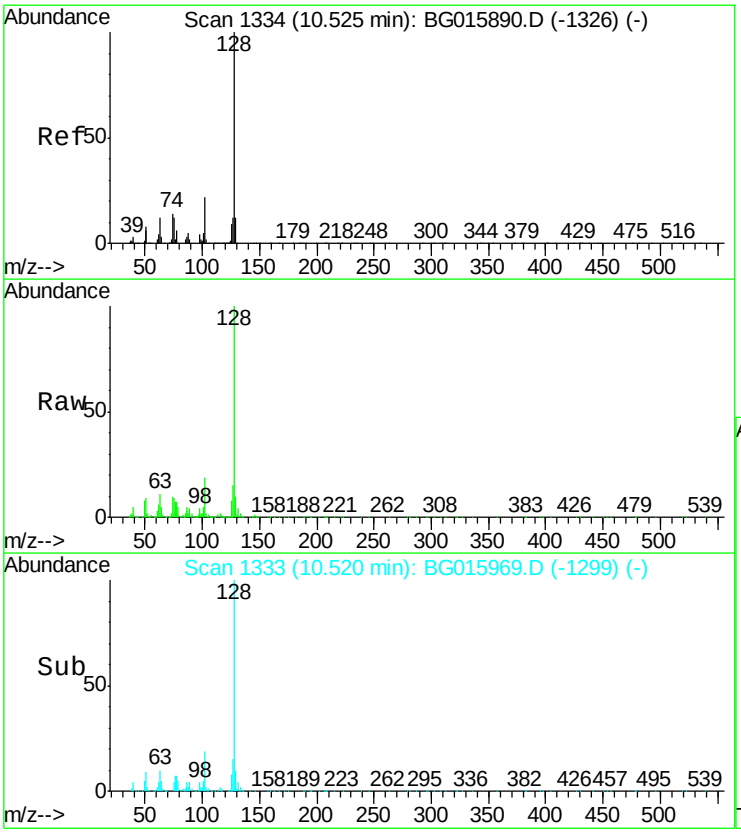
#30
1,2,4-Trichlorobenzene
Concen: 48.62 ng
RT: 10.33 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:180 Resp: 371374

Ion	Ratio	Lower	Upper
180	100		
182	107.2	86.4	129.6
145	29.8	20.1	30.1

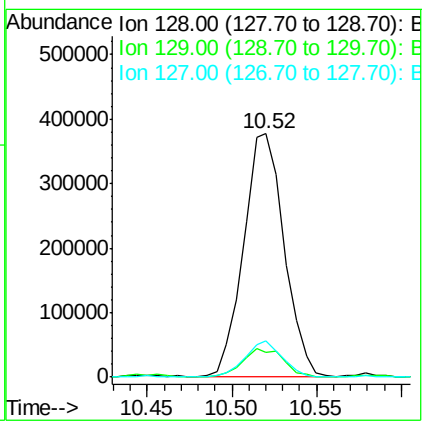


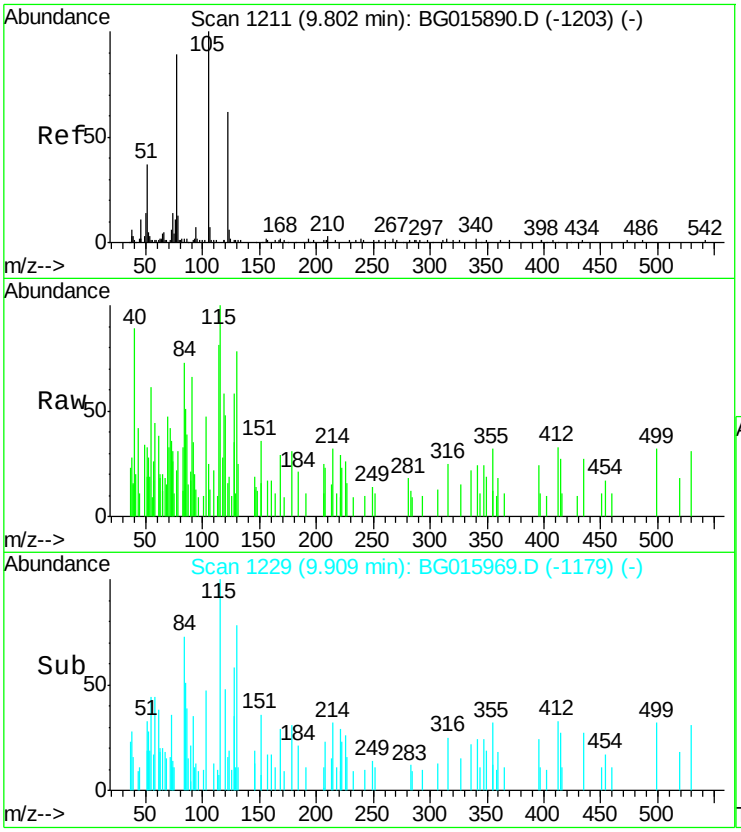


#31
Naphthalene
Concen: 35.10 ng
RT: 10.52 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:128 Resp: 626683

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.7	14.5
127	14.7	9.8	14.6#



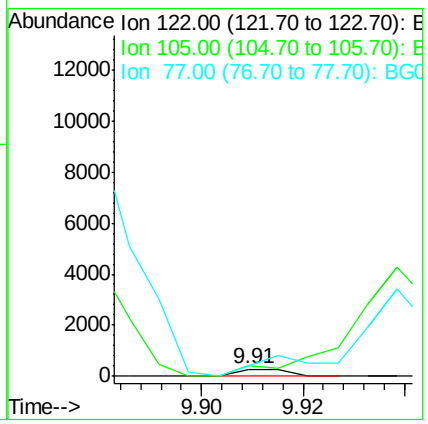


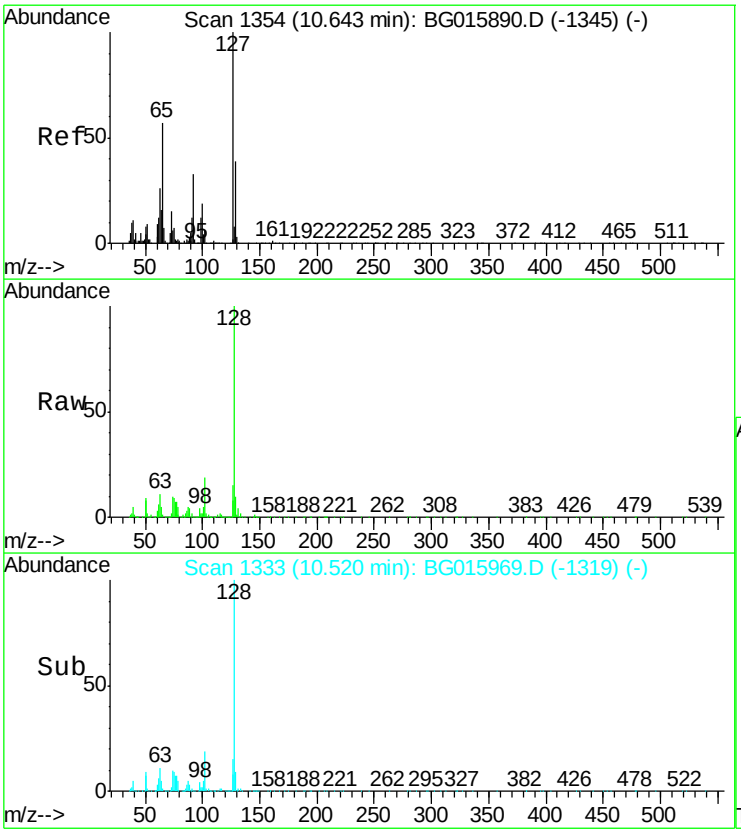
#32
Benzoic acid
Concen: 10.38 ng
RT: 9.91 min Scan# 1229
Delta R.T. 0.09 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:122 Resp: 194

Ion	Ratio	Lower	Upper
122	100		
105	151.0	140.2	180.2
77	136.9	126.4	166.4

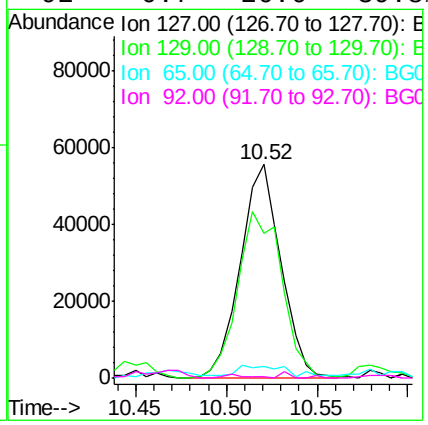


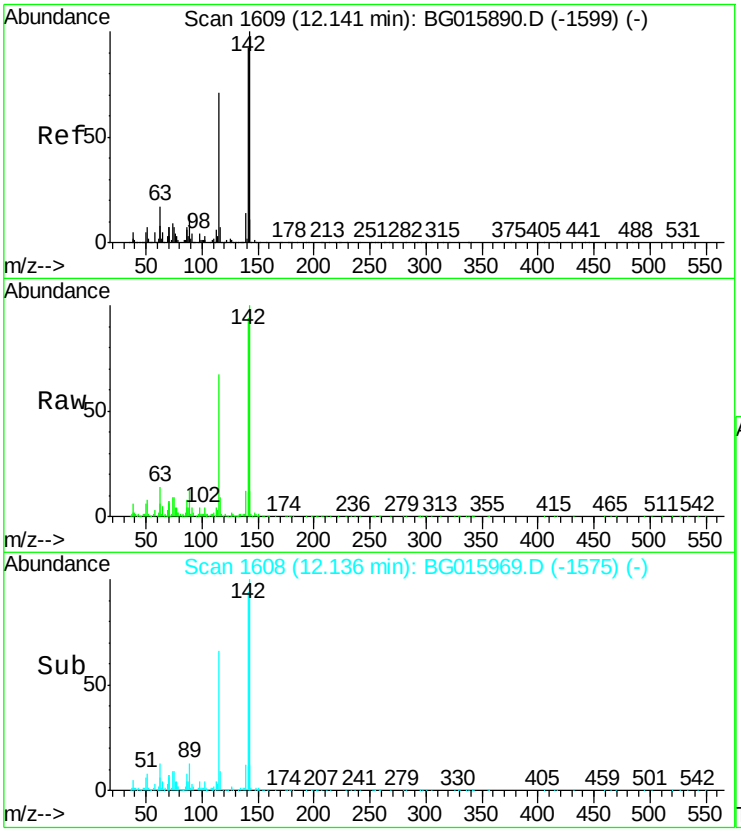


#33
4-Chloroaniline
Concen: 10.40 ng
RT: 10.52 min Scan# 1333
Delta R.T. -0.12 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:127 Resp: 86579

Ion	Ratio	Lower	Upper
127	100		
129	67.9	30.8	46.2#
65	5.4	45.4	68.2#
92	0.7	26.6	39.8#



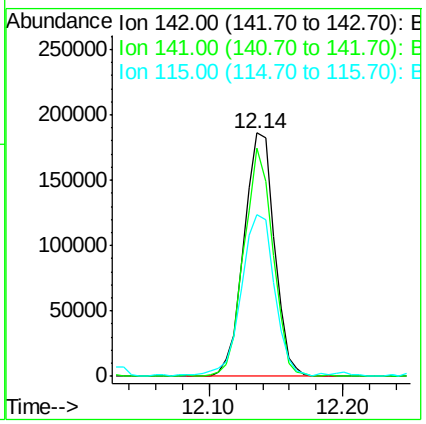


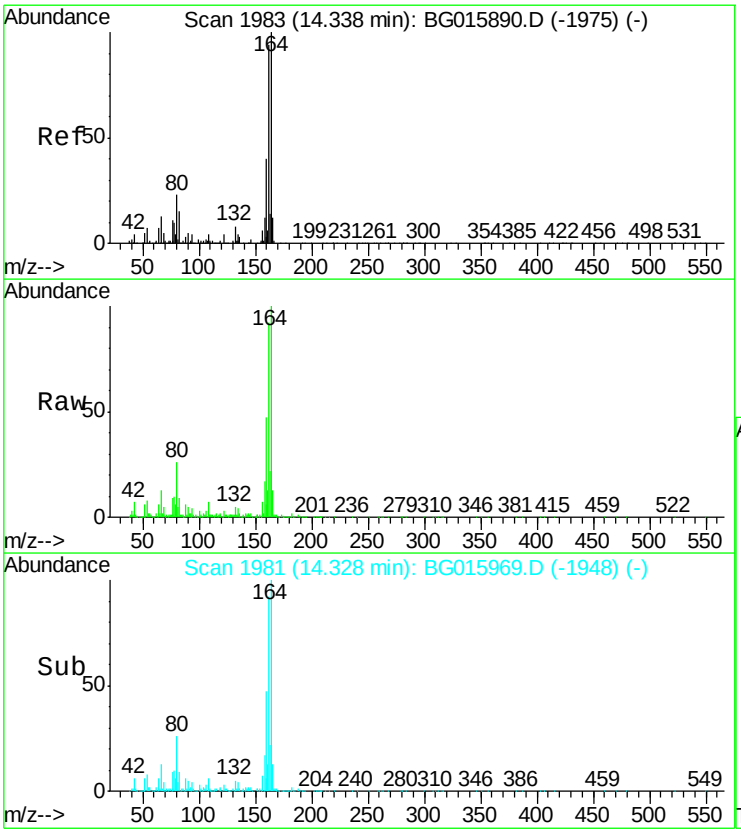
#37
2-Methylnaphthalene
Concen: 20.59 ng
RT: 12.14 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:142 Resp: 291913

Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.8	110.8
115	66.7	56.6	84.8

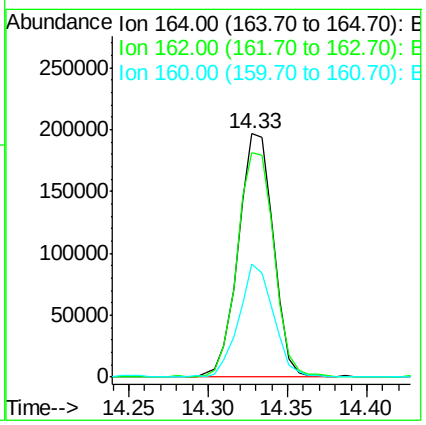


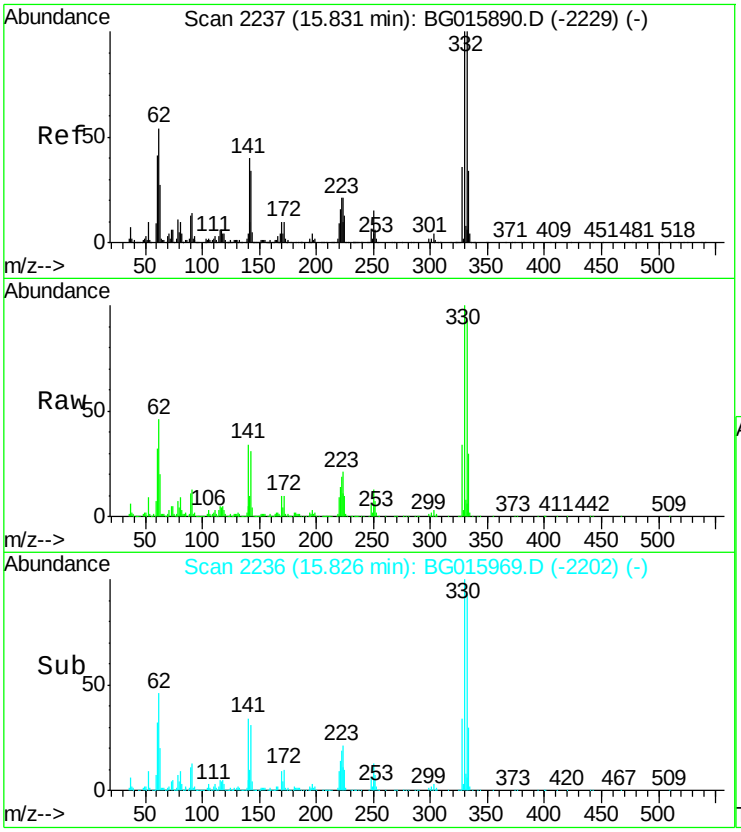


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:164 Resp: 300611

Ion	Ratio	Lower	Upper
164	100		
162	92.0	75.1	112.7
160	46.7	32.3	48.5



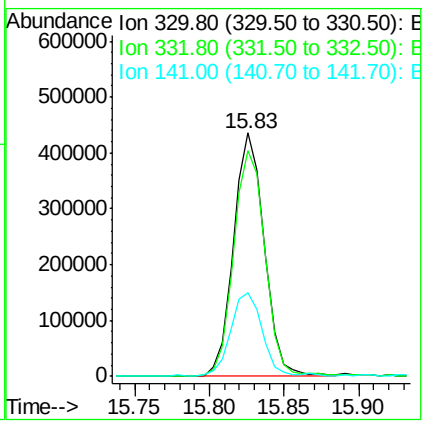


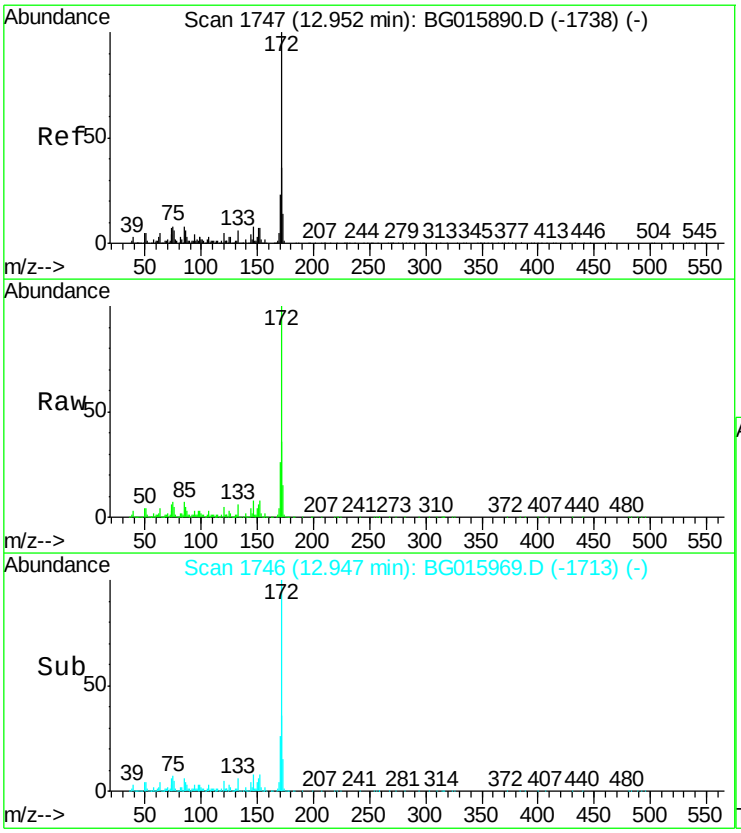
#41
2,4,6-Tribromophenol
Concen: 113.66 ng
RT: 15.83 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:330 Resp: 625479

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.0
141	35.3	33.0	49.6

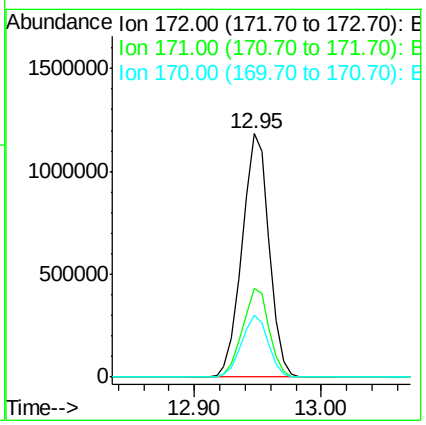


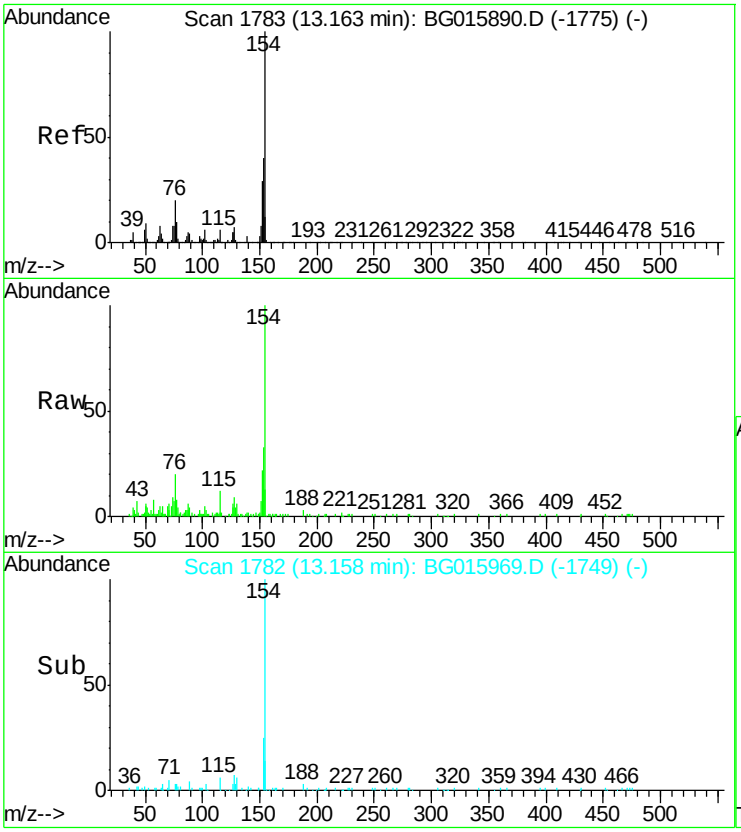


#44
2-Fluorobiphenyl
Concen: 91.42 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:172 Resp: 1751525

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	25.6	18.6	27.8



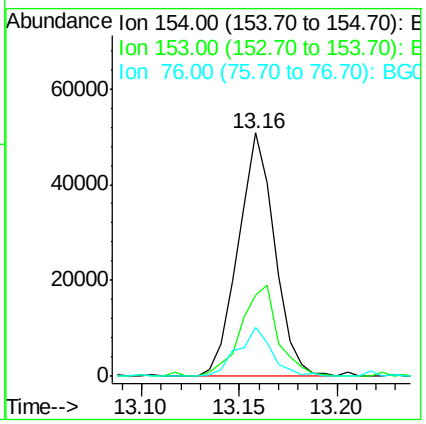


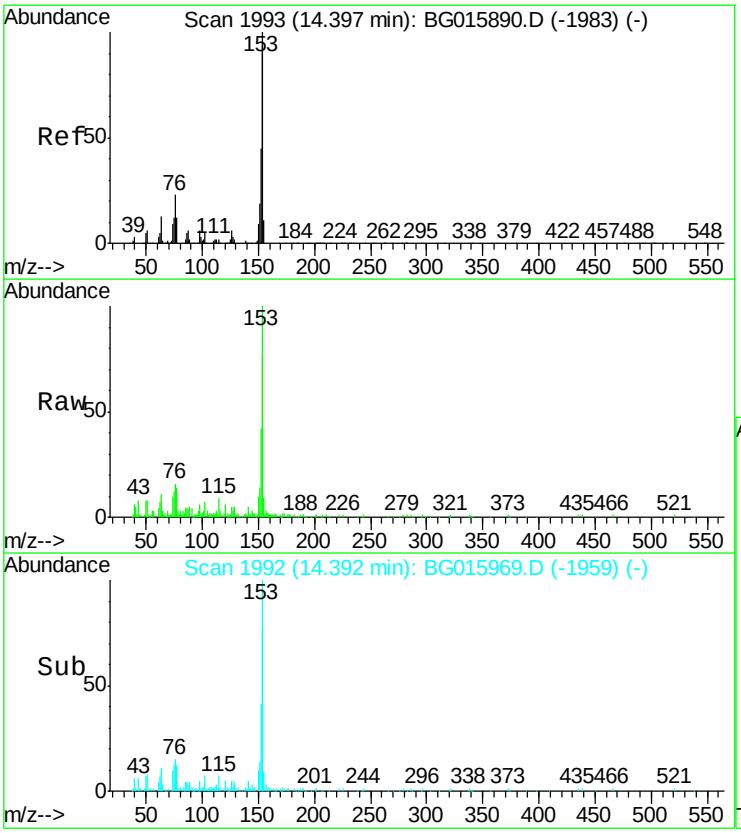
#45
1,1'-Biphenyl
Concen: 3.47 ng
RT: 13.16 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:154 Resp: 65815

Ion	Ratio	Lower	Upper
154	100		
153	33.3	20.4	60.4
76	20.3	0.2	40.2

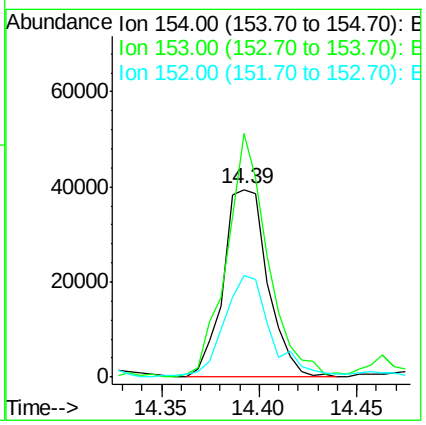


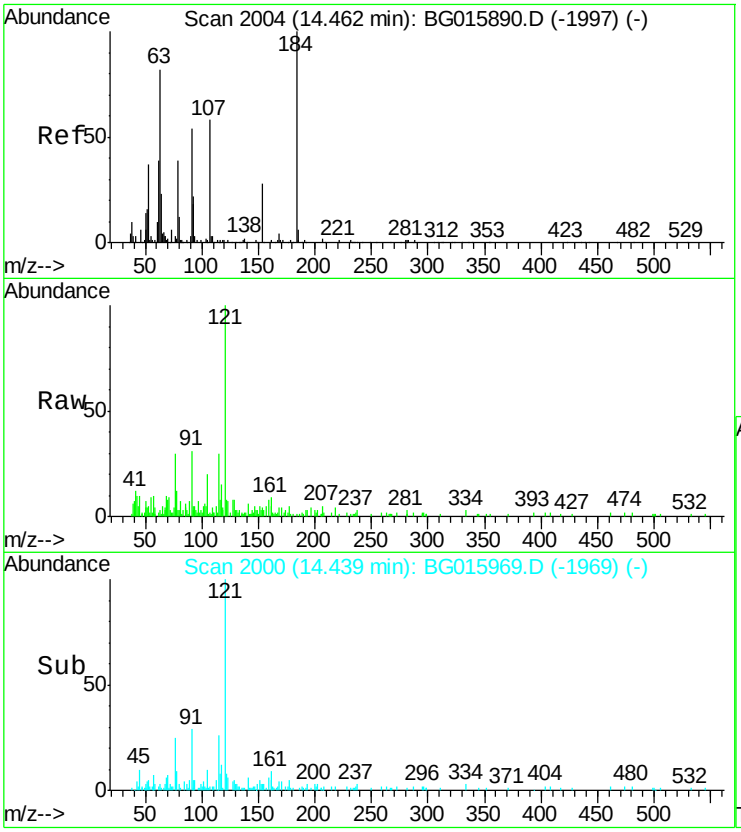


#51
Acenaphthene
Concen: 4.08 ng
RT: 14.39 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:154 Resp: 62426

Ion	Ratio	Lower	Upper
154	100		
153	129.8	85.1	127.7#
152	54.4	38.3	57.5



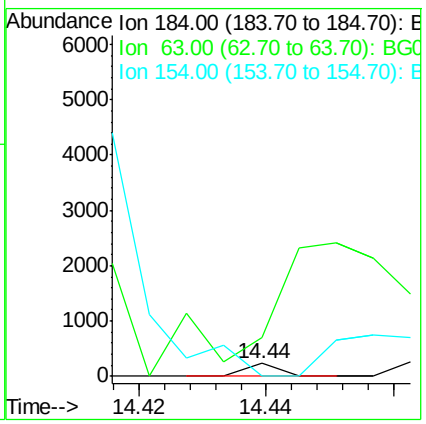


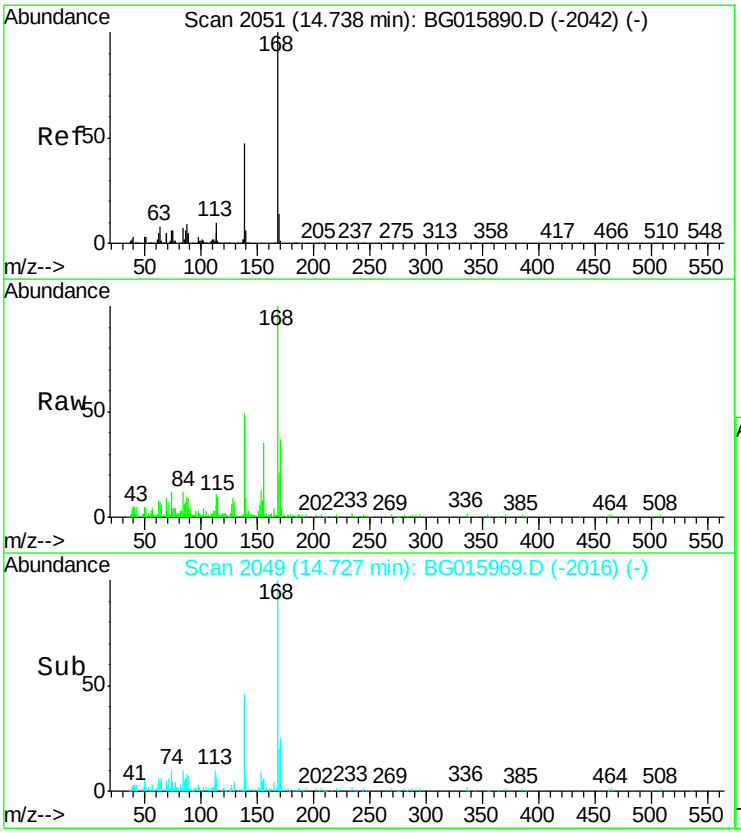
#53
2,4-Dinitrophenol
Concen: 4.53 ng
RT: 14.44 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:184 Resp: 82

Ion	Ratio	Lower	Upper
184	100		
63	302.1	68.6	103.0#
154	0.0	54.9	82.3#

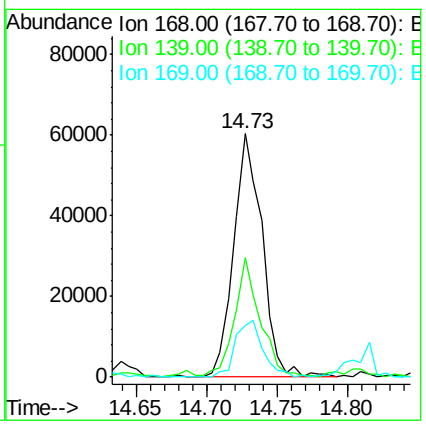


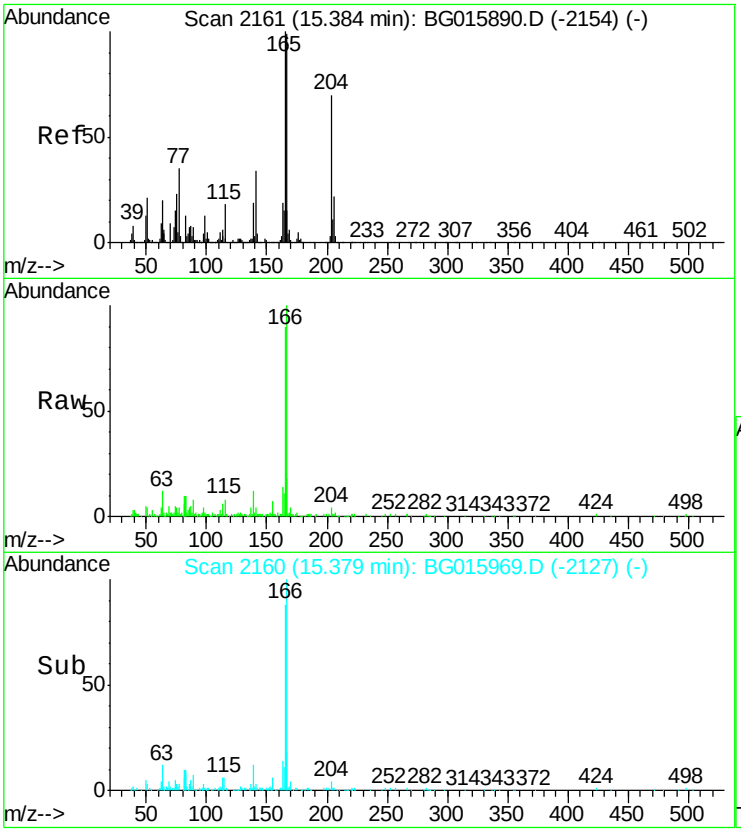


#54
Dibenzofuran
Concen: 3.37 ng
RT: 14.73 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:168 Resp: 84960

Ion	Ratio	Lower	Upper
168	100		
139	49.0	37.8	56.8
169	21.1	11.5	17.3#



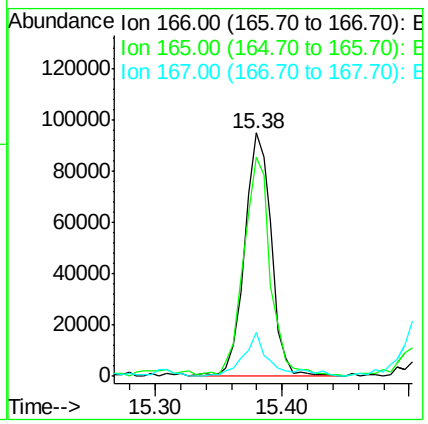


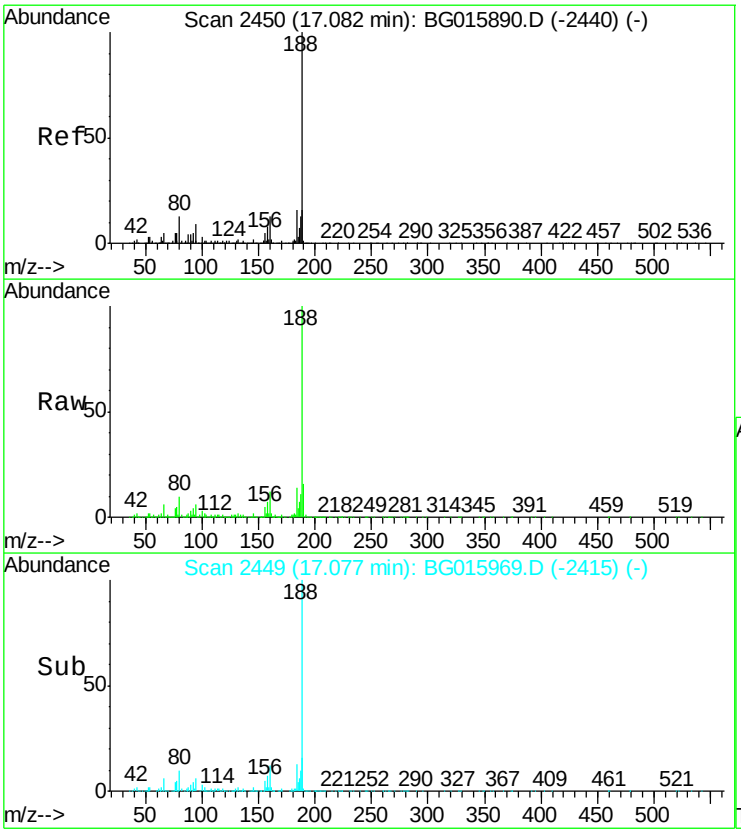
#57
Fluorene
Concen: 6.12 ng
RT: 15.38 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:166 Resp: 139347

Ion	Ratio	Lower	Upper
166	100		
165	89.8	80.6	120.8
167	18.2	12.5	18.7

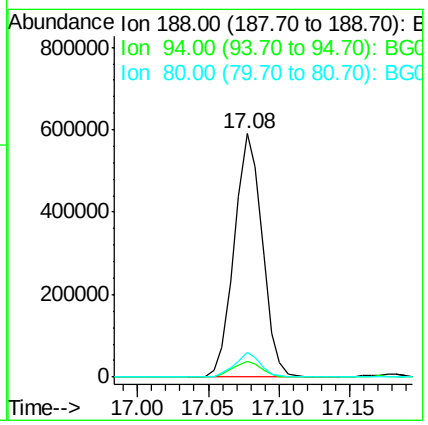


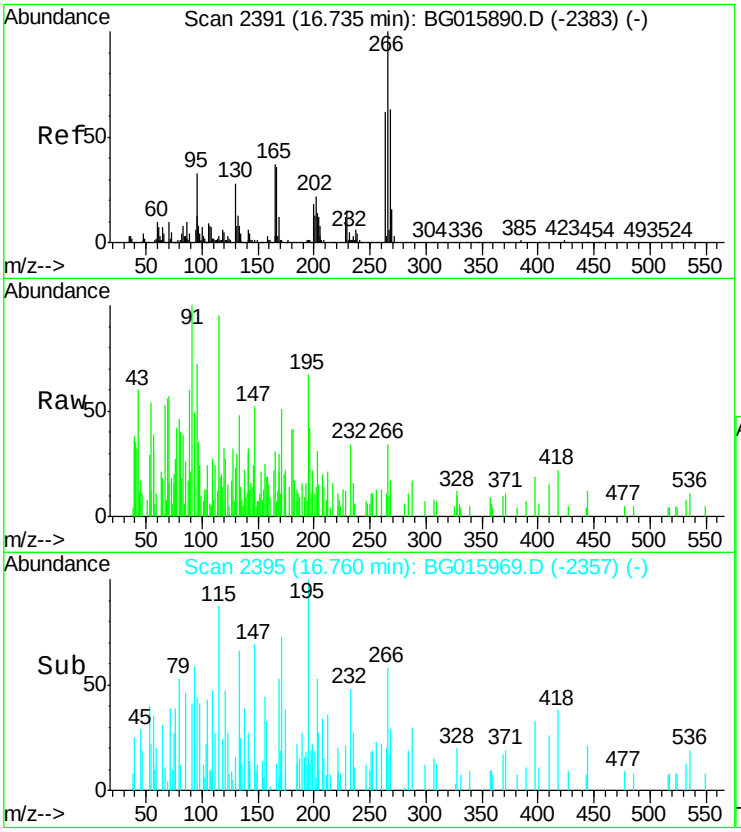


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:188 Resp: 816588

Ion	Ratio	Lower	Upper
188	100		
94	6.4	7.8	11.8#
80	10.2	10.6	16.0#



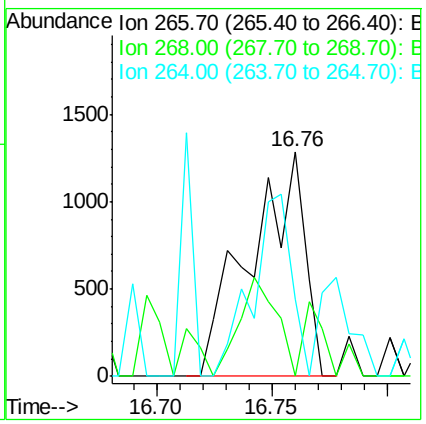


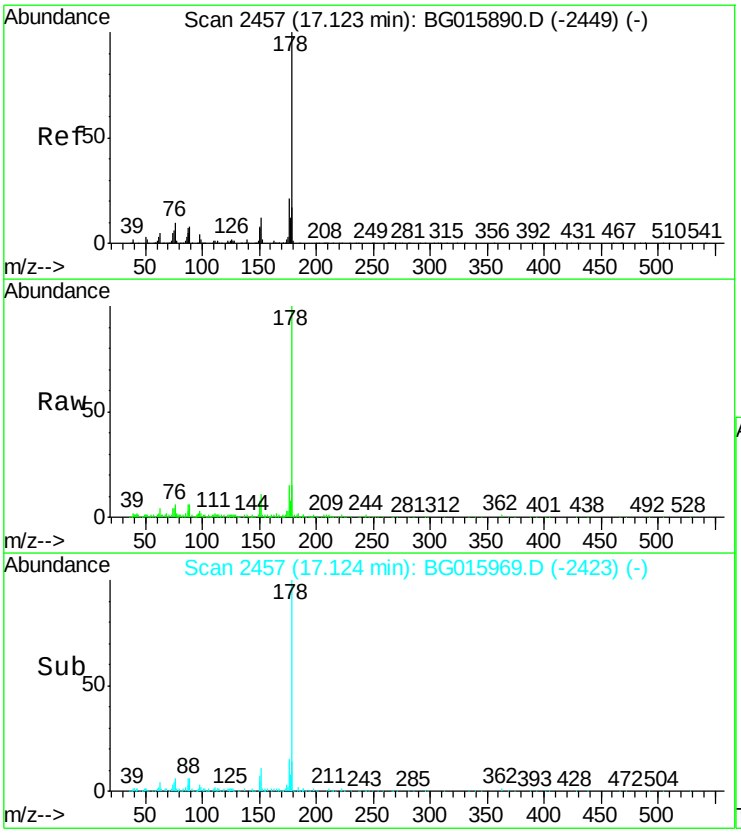
#69
Pentachlorophenol
Concen: 5.60 ng
RT: 16.76 min Scan# 2395
Delta R.T. 0.02 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:266 Resp: 2100

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.5	80.3#
264	34.2	51.9	77.9#

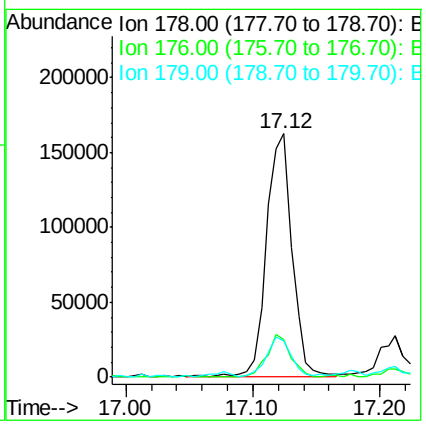


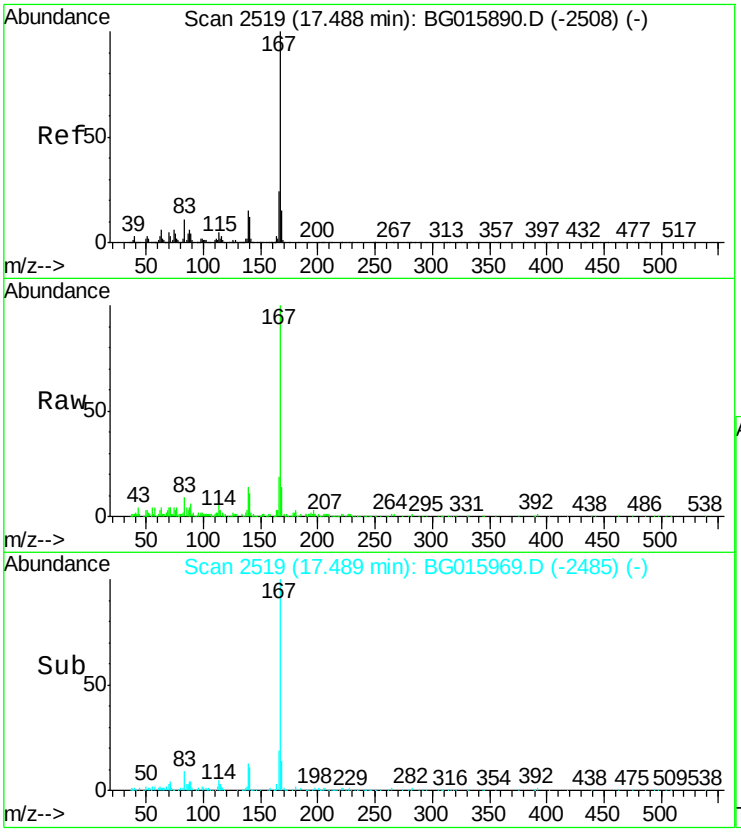


#70
Phenanthrene
Concen: 5.59 ng
RT: 17.12 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:178 Resp: 228853

Ion	Ratio	Lower	Upper
178	100		
176	15.4	16.9	25.3#
179	14.6	13.3	19.9



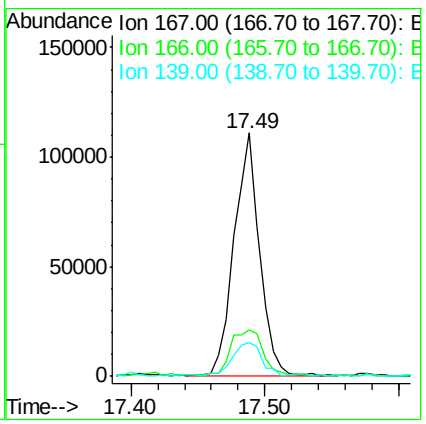


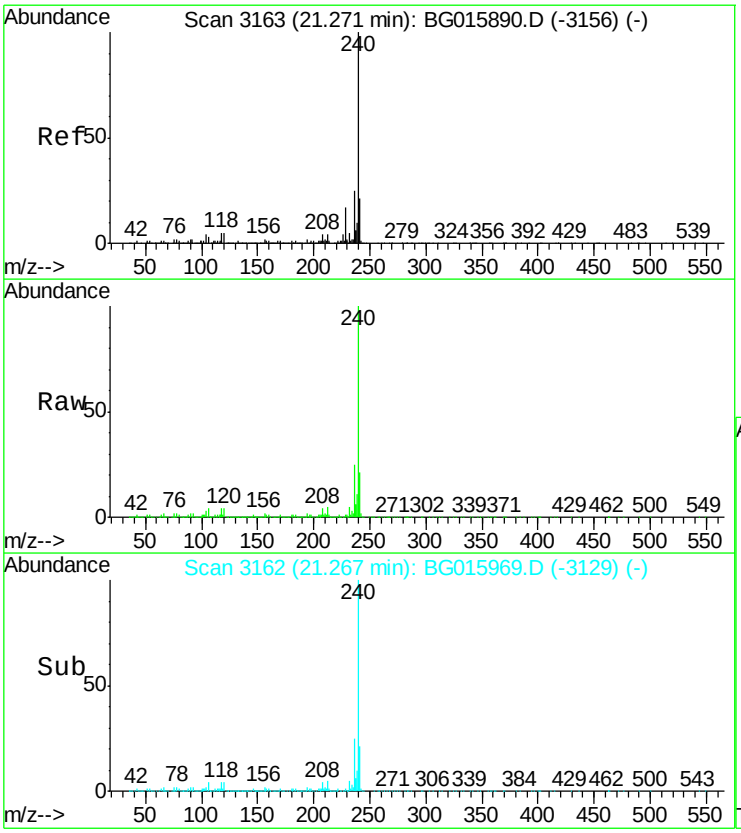
#72
Carbazole
Concen: 4.20 ng
RT: 17.49 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:167 Resp: 148675

Ion	Ratio	Lower	Upper
167	100		
166	19.1	19.4	29.2#
139	13.6	12.2	18.2

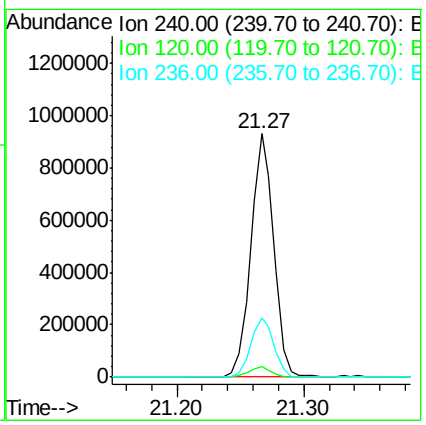


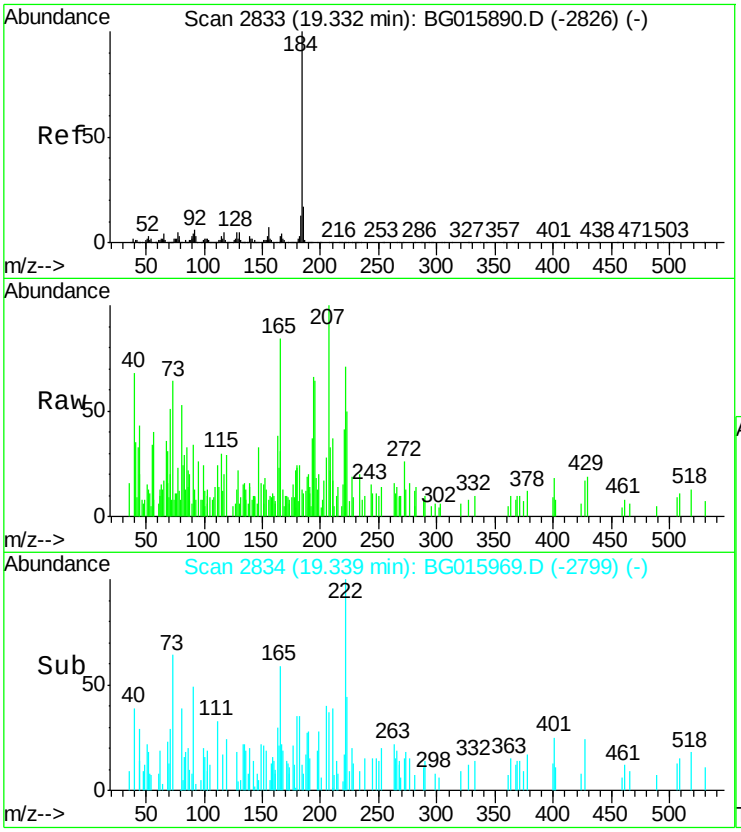


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:240 Resp: 1176379

Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.9	5.9
236	24.5	20.0	30.0



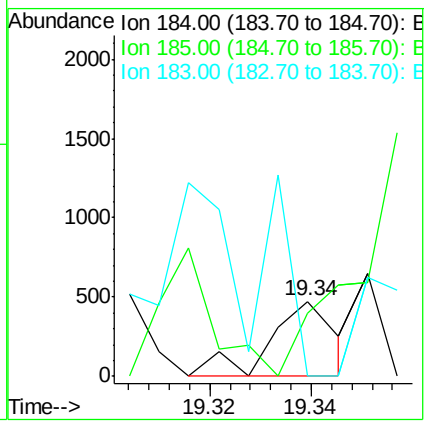


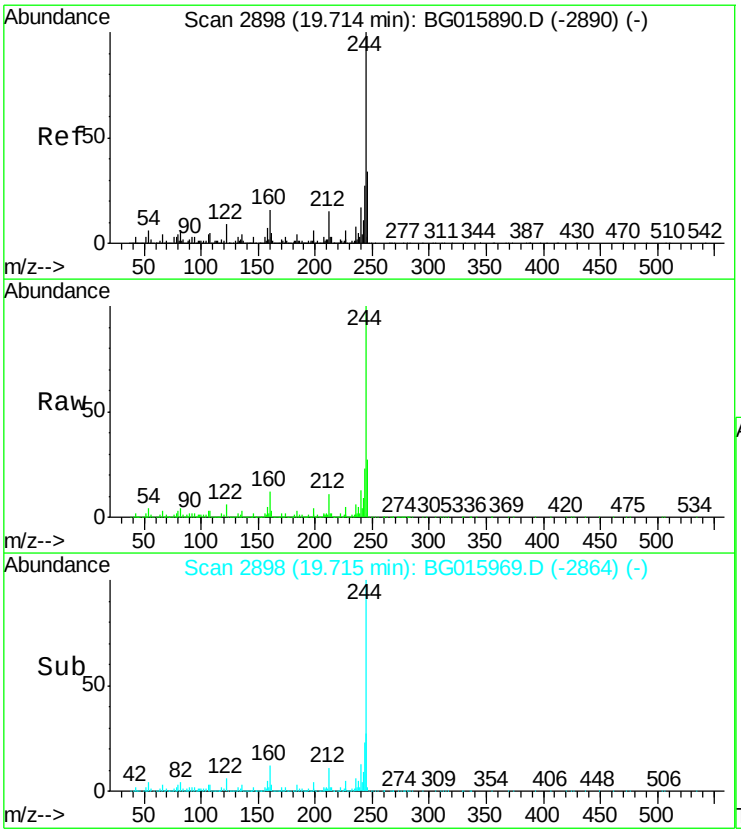
#76
Benzidine
Concen: 2.00 ng
RT: 19.34 min Scan# 2834
Delta R.T. 0.01 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:184 Resp: 422

Ion	Ratio	Lower	Upper
184	100		
185	83.8	13.3	19.9#
183	0.0	10.1	15.1#

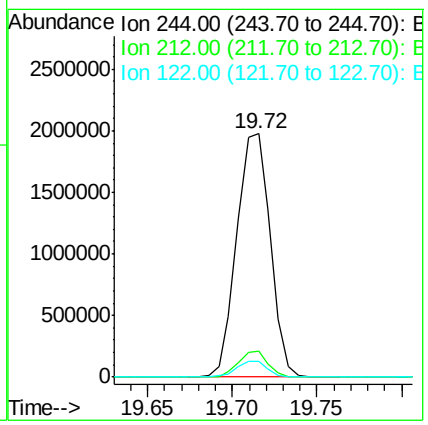


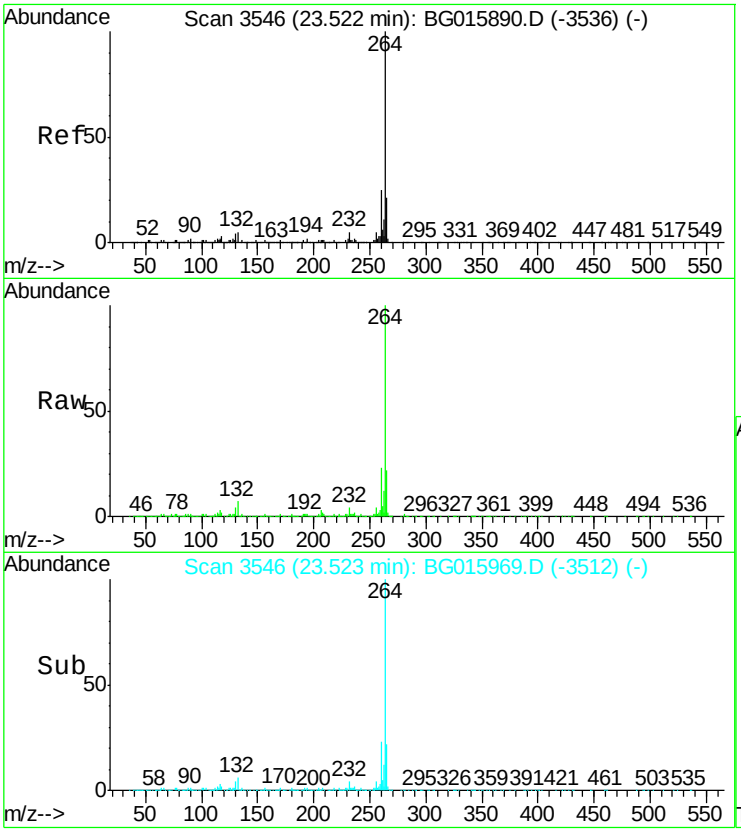


#78
Terphenyl-d14
Concen: 59.57 ng
RT: 19.72 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Tgt Ion:244 Resp: 2735996

Ion	Ratio	Lower	Upper
244	100		
212	10.7	11.6	17.4#
122	6.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG015969.D
Acq: 28 Jan 2015 5:29

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:264 Resp: 1152675

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.7	29.5
265	21.5	17.3	25.9