Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060815\
Data File : BG017569.D
Acq On : 9 Jun 2015 10:42
Operator : TP/IZ
Sample : G2464-07DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-12DDL

Quant Time: Jun 09 11:54:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 18:39:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	20061	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	87488	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	54660	20.00	ng		-0.02
63) Phenanthrene-d10	17.02	188	111967	20.00	ng		-0.02
75) Chrysene-d12	21.22	240	126178	20.00	ng		-0.02
86) Perylene-d12	23.44	264	127627	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	3932	3.45	ng		0.00
7) Phenol-d6	6.82	99	5174	3.34	ng		0.00
23) Nitrobenzene-d5	8.77	82	4050	2.31	ng		0.00
41) 2,4,6-Tribromophenol	15.78	330	2069	2.73	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	10241	2.83	ng		-0.01
78) Terphenyl-d14	19.66	244	14727	2.41	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	10.45	128	335213	73.34	ng		100
33) 4-Chloroaniline	10.45	127	46158	22.76	ng	#	34
37) 2-Methylnaphthalene	12.07	142	131415	37.40	ng		95
45) 1,1'-Biphenyl	13.10	154	21188	5.30	ng		90
48) Acenaphthylene	13.99	152	64251	10.92	ng		98
51) Acenaphthene	14.33	154	25650	7.39	ng		97
54) Dibenzofuran	14.67	168	29168	5.70	ng	#	89
57) Fluorene	15.33	166	59563	12.84	ng		95
69) Pentachlorophenol	16.73	266	54	5.56	ng	#	22
70) Phenanthrene	17.06	178	306711	49.13	ng		99
71) Anthracene	17.16	178	81093	13.00	ng		96
74) Fluoranthene	19.09	202	188580	23.10	ng		99
77) Pyrene	19.46	202	218518	28.11	ng		99
80) Benzo(a)anthracene	21.20	228	94562	12.19	ng		96
82) Chrysene	21.25	228	79372	11.30	ng		97
85) Indeno(1,2,3-cd)pyrene	25.70	276	25326	2.87	ng		98
87) Benzo(b)fluoranthene	22.78	252	98915	12.23	ng		96
88) Benzo(k)fluoranthene	22.78	252	98915	12.78	ng		96
89) Benzo(a)pyrene	23.35	252	73060	9.85	ng		99
91) Benzo(g,h,i)perylene	26.41	276	27101	3.69	ng	#	90

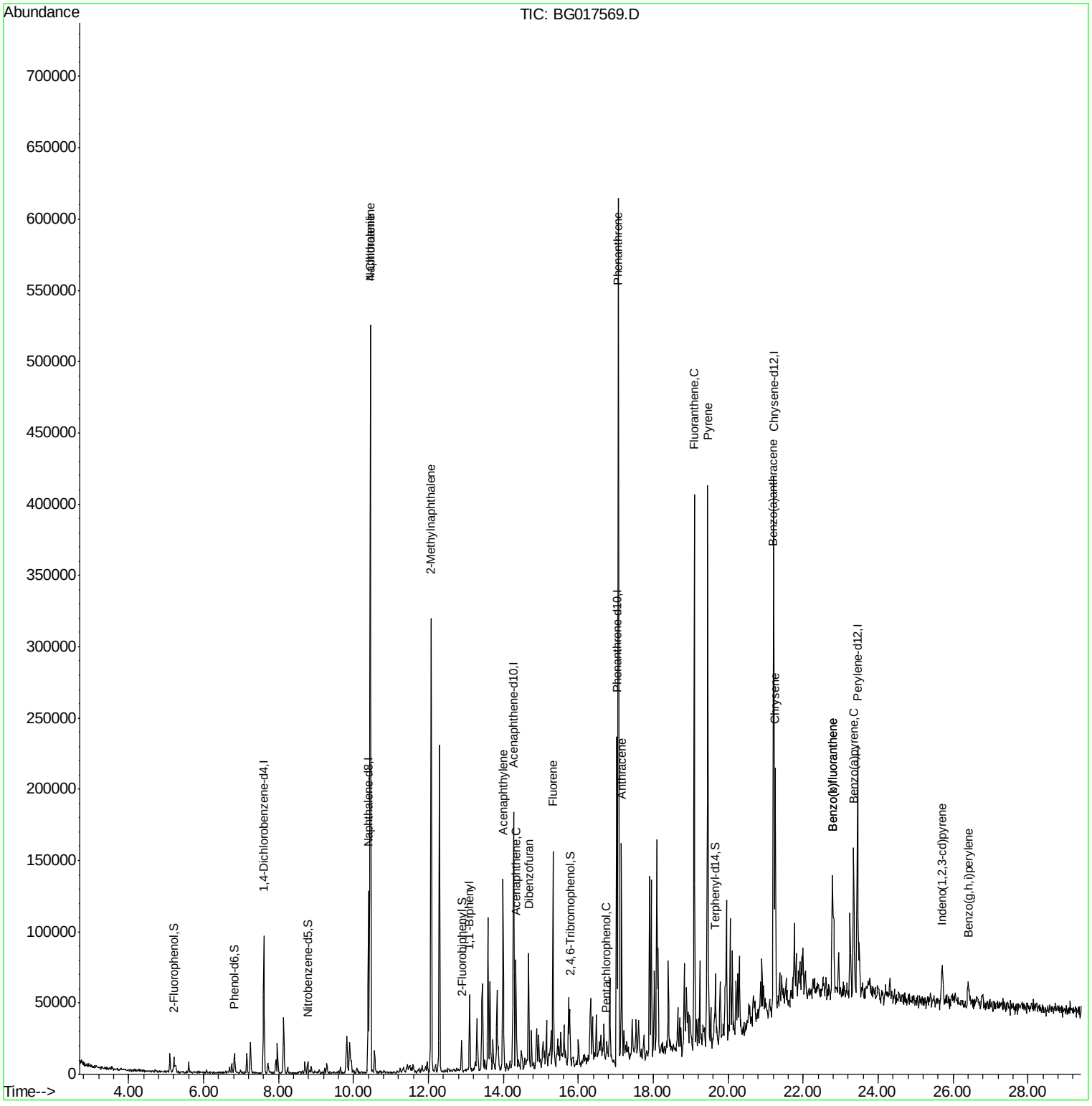
(#) = qualifier out of range (m) = manual integration (+) = signals summed

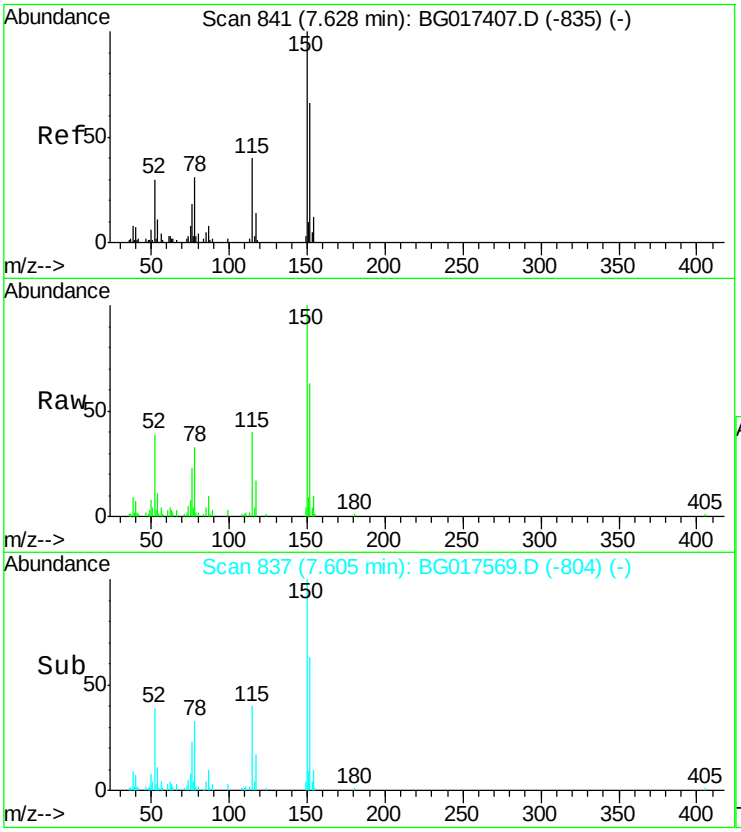
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060815\
Data File : BG017569.D
Acq On : 9 Jun 2015 10:42
Operator : TP/IZ
Sample : G2464-07DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Quant Time: Jun 09 11:54:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 18:39:50 2015
Response via : Initial Calibration



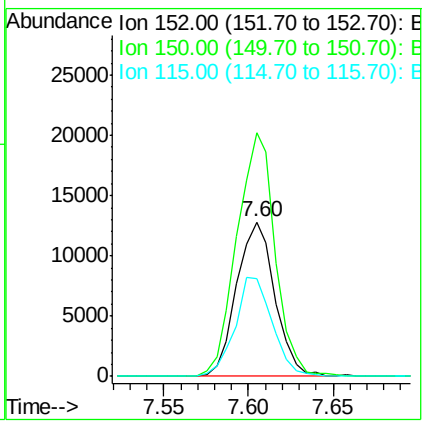


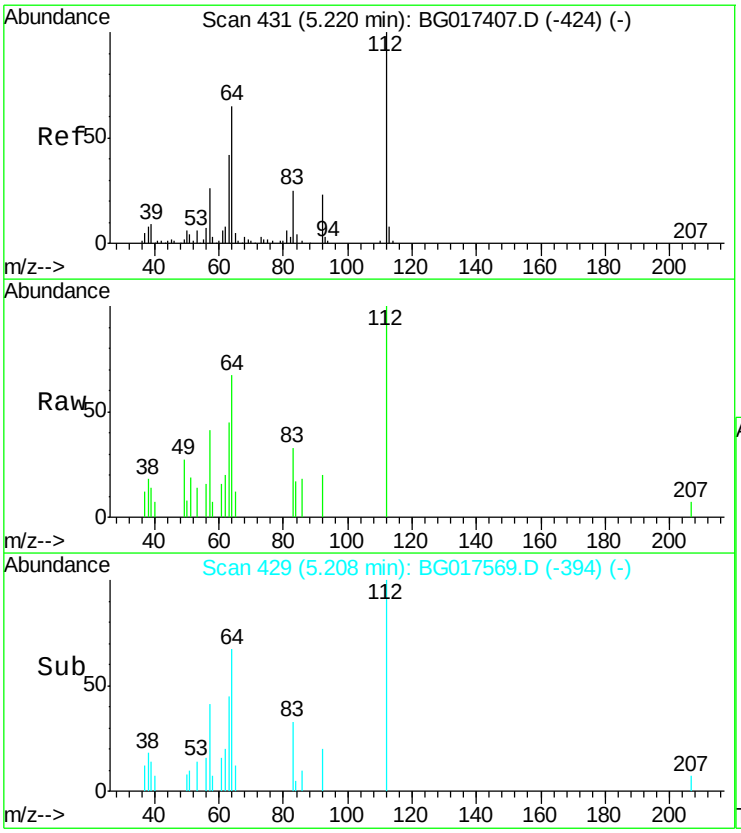
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:152 Resp: 20061

Ion	Ratio	Lower	Upper
152	100		
150	158.1	121.7	182.5
115	63.0	48.6	73.0

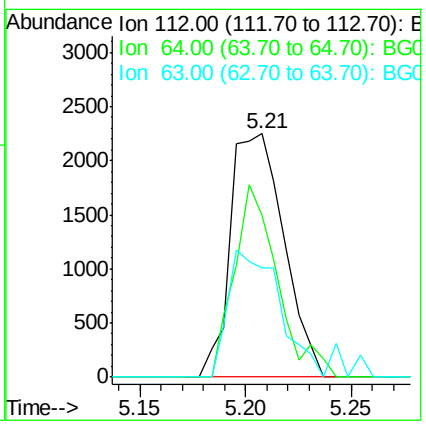


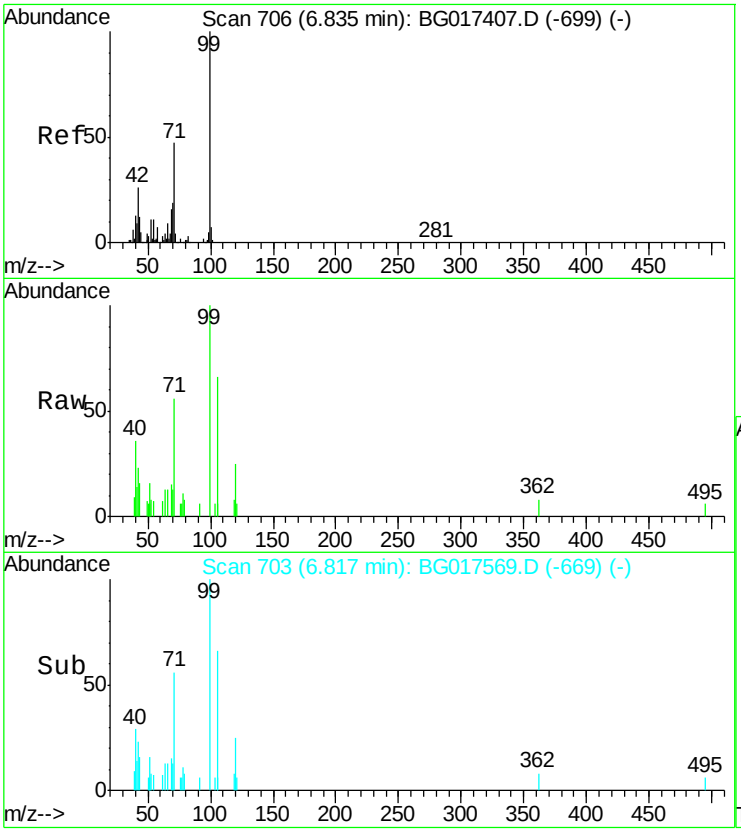


#5
2-Fluorophenol
Concen: 3.45 ng
RT: 5.21 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:112 Resp: 3932

Ion	Ratio	Lower	Upper
112	100		
64	66.6	51.6	77.4
63	44.8	33.3	49.9



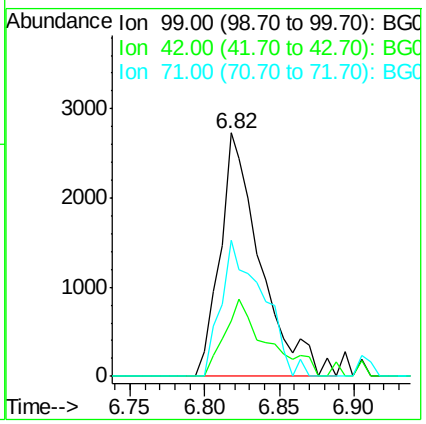


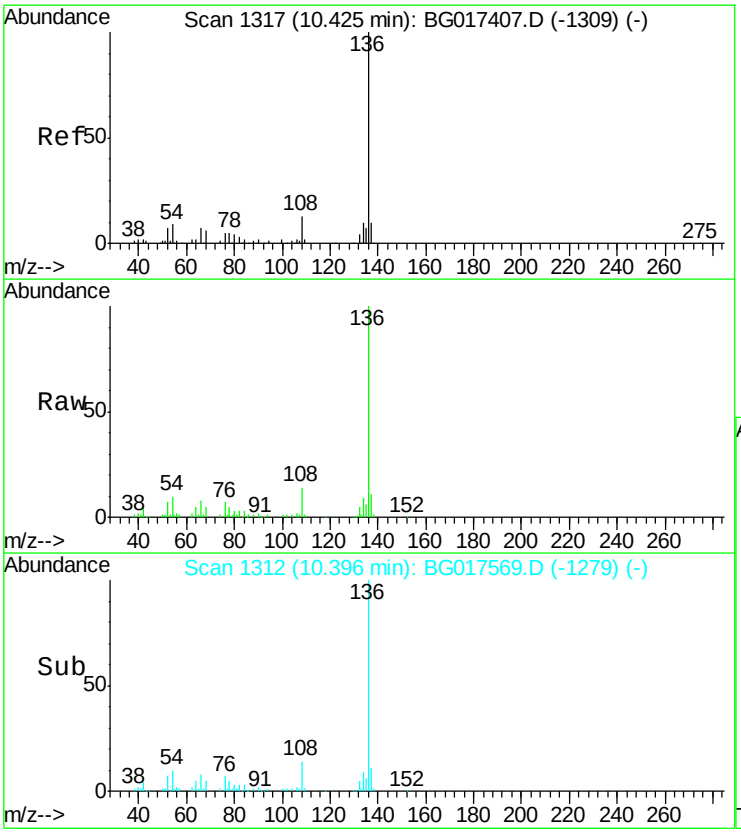
#7
Phenol-d6
Concen: 3.34 ng
RT: 6.82 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion: 99 Resp: 5174

Ion	Ratio	Lower	Upper
99	100		
42	22.6	21.0	31.6
71	55.8	37.2	55.8#

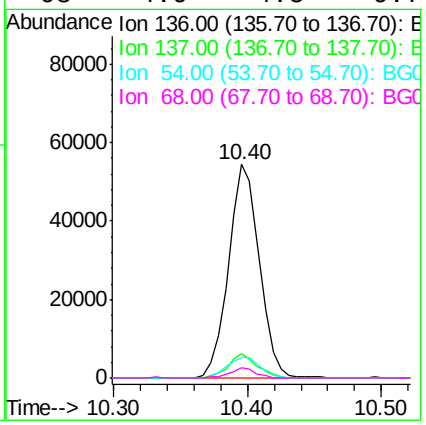


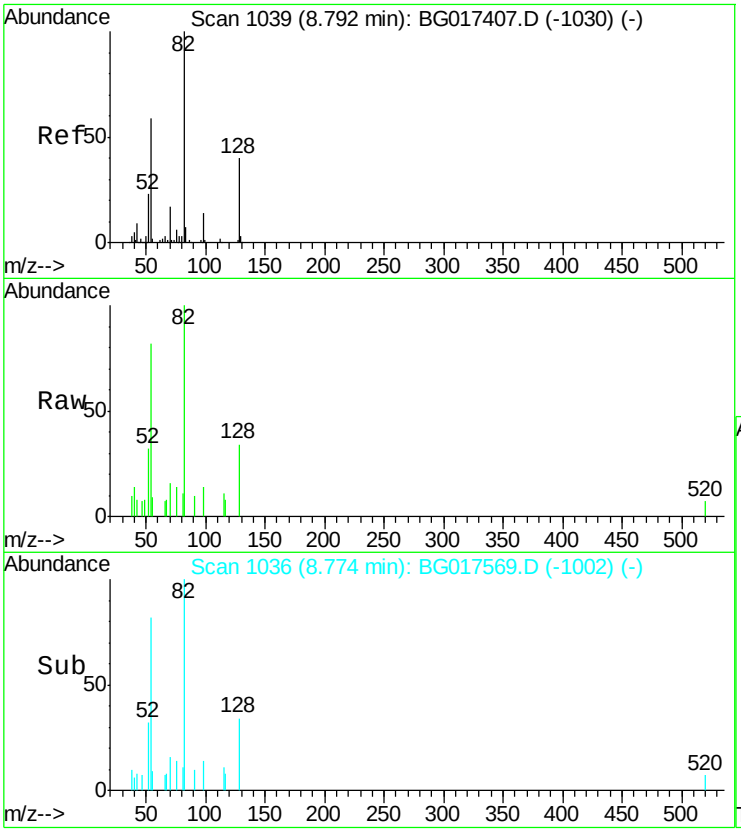


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.40 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:136 Resp: 87488

Ion	Ratio	Lower	Upper
136	100		
137	11.3	7.9	11.9
54	9.5	7.2	10.8
68	4.9	4.5	6.7



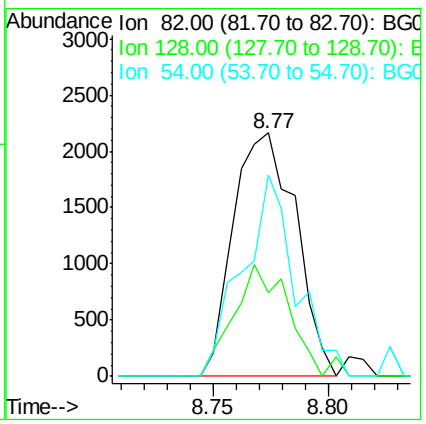


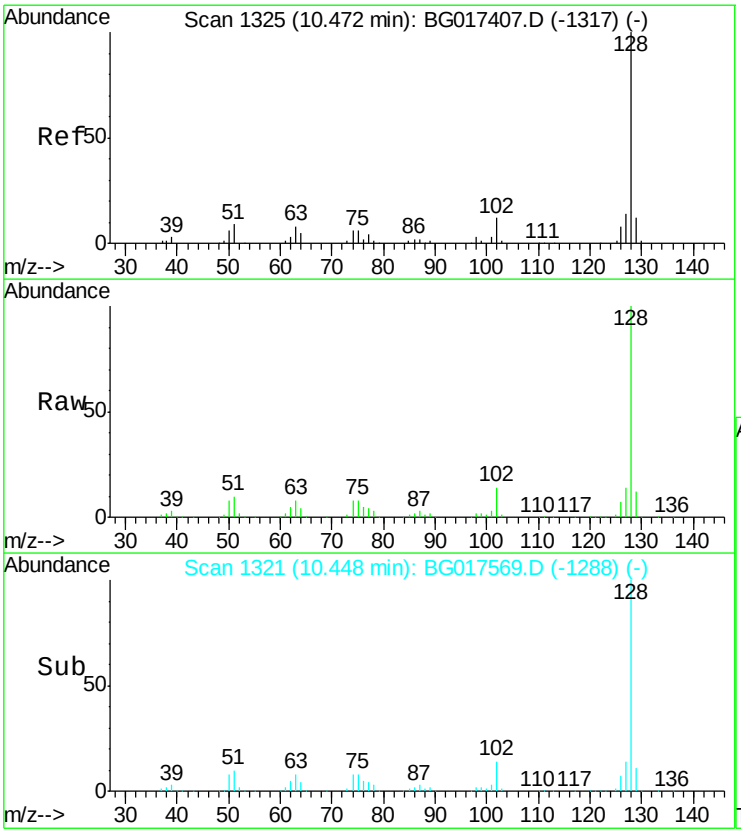
#23
Nitrobenzene-d5
Concen: 2.31 ng
RT: 8.77 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion: 82 Resp: 4050

Ion	Ratio	Lower	Upper
82	100		
128	34.3	32.2	48.4
54	82.5	47.4	71.2#

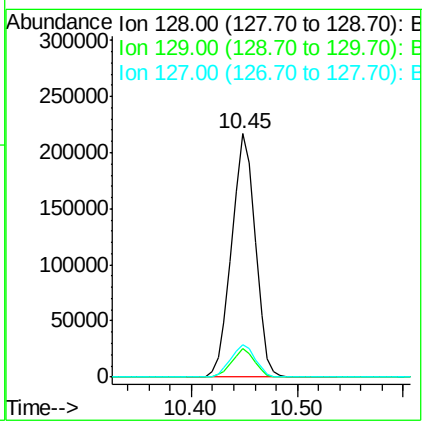


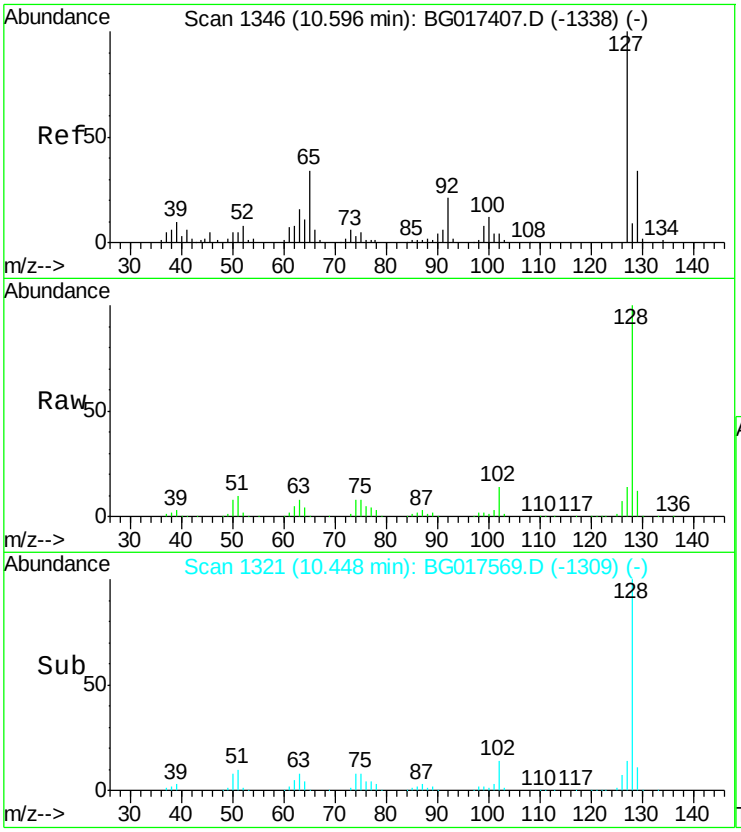


#31
Naphthalene
Concen: 73.34 ng
RT: 10.45 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:128 Resp: 335213

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.5	10.9	16.3



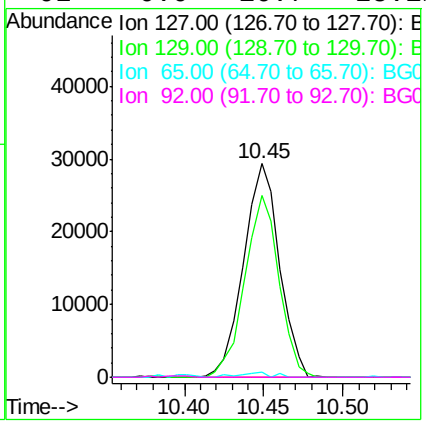


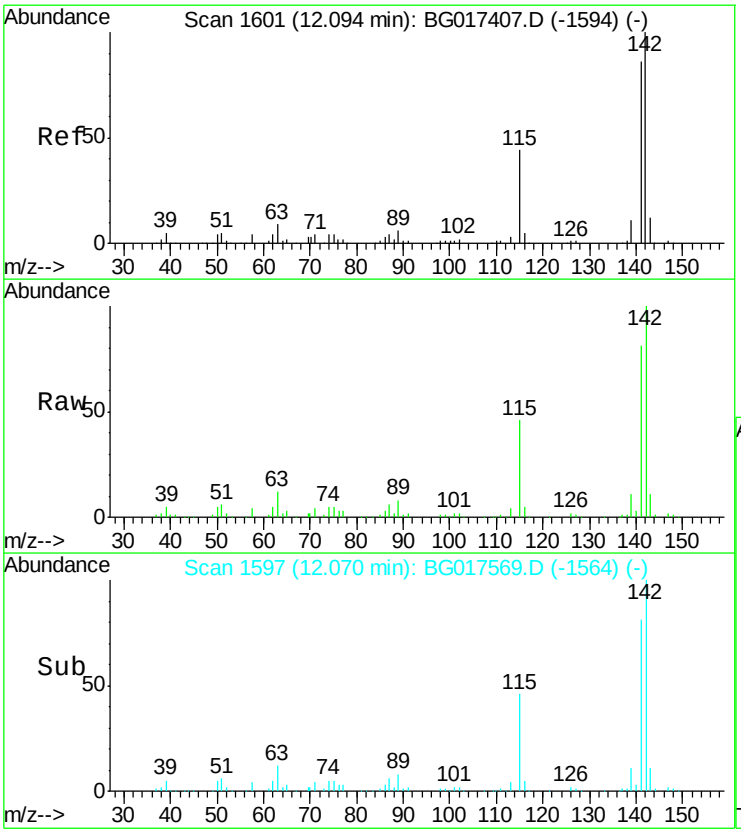
#33
4-Chloroaniline
Concen: 22.76 ng
RT: 10.45 min Scan# 1321
Delta R.T. -0.13 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:127 Resp: 46158

Ion	Ratio	Lower	Upper
127	100		
129	85.4	27.1	40.7#
65	2.4	27.6	41.4#
92	0.0	16.7	25.1#

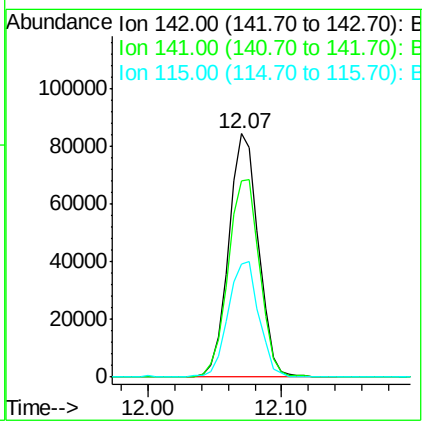


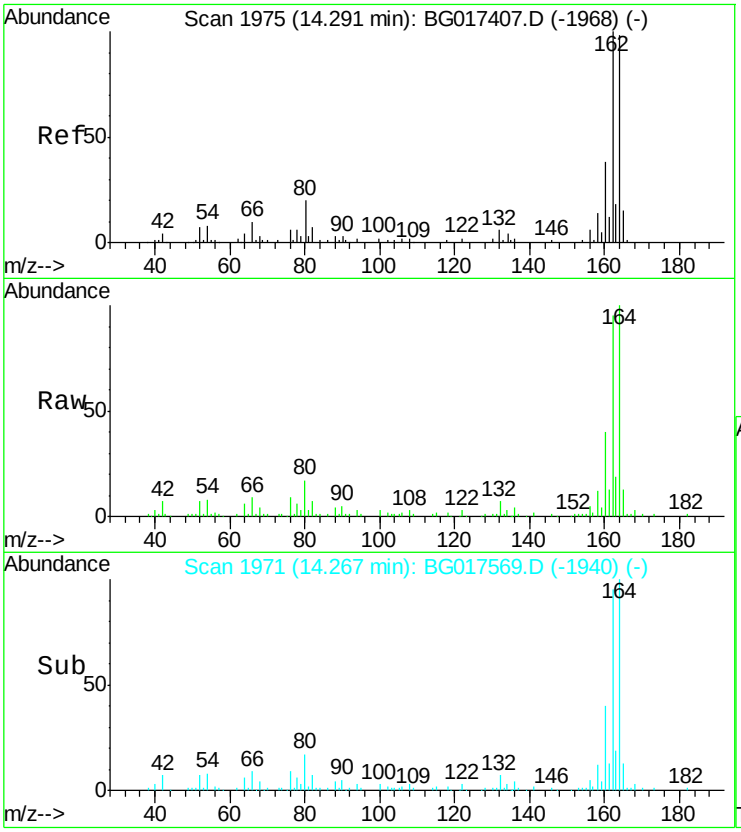


#37
2-Methylnaphthalene
Concen: 37.40 ng
RT: 12.07 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:142 Resp: 131415

Ion	Ratio	Lower	Upper
142	100		
141	80.7	68.6	102.8
115	46.2	35.3	52.9



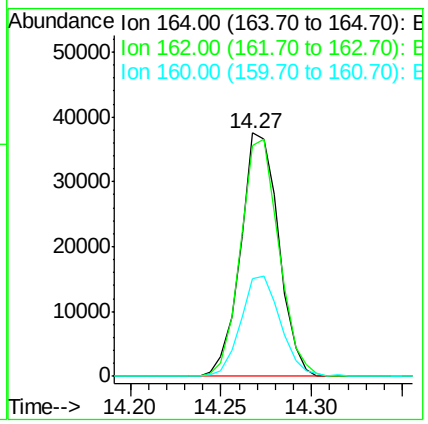


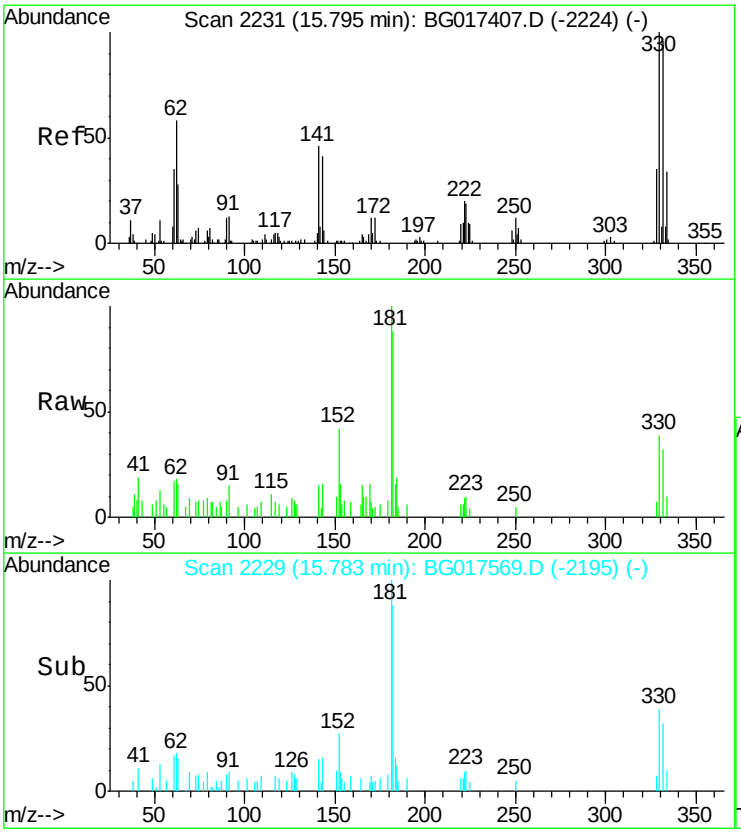
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.27 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:164 Resp: 54660

Ion	Ratio	Lower	Upper
164	100		
162	94.6	81.8	122.6
160	40.1	31.0	46.4

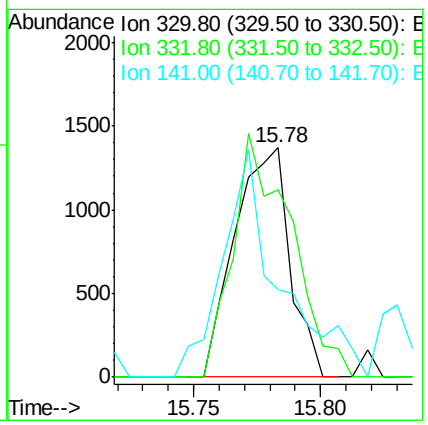


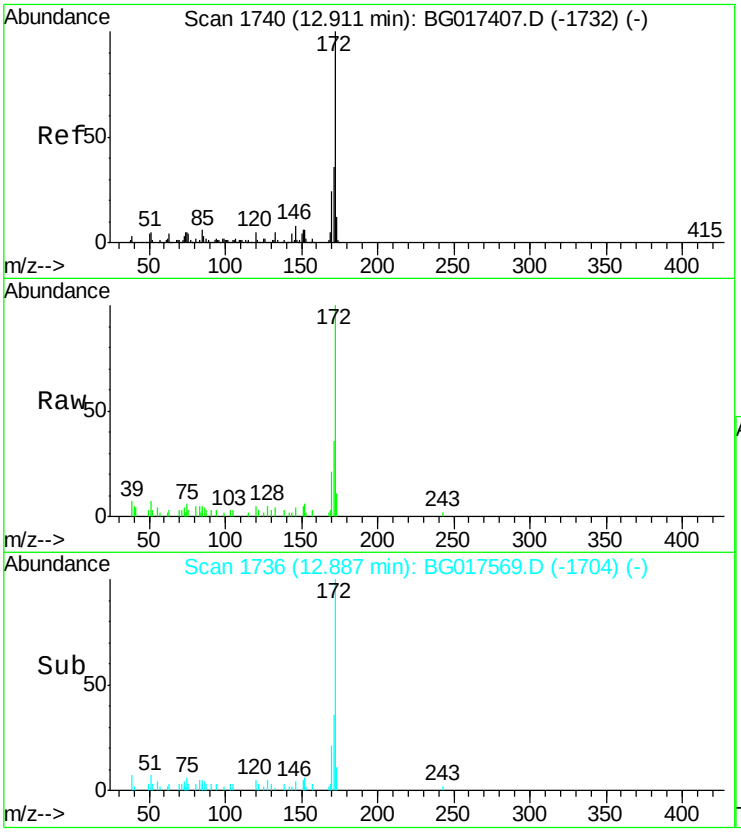


#41
2,4,6-Tribromophenol
Concen: 2.73 ng
RT: 15.78 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:330 Resp: 2069

Ion	Ratio	Lower	Upper
330	100		
332	112.1	75.9	113.9
141	102.1	40.2	60.4#



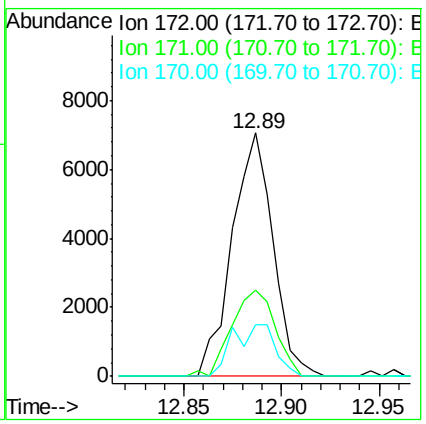


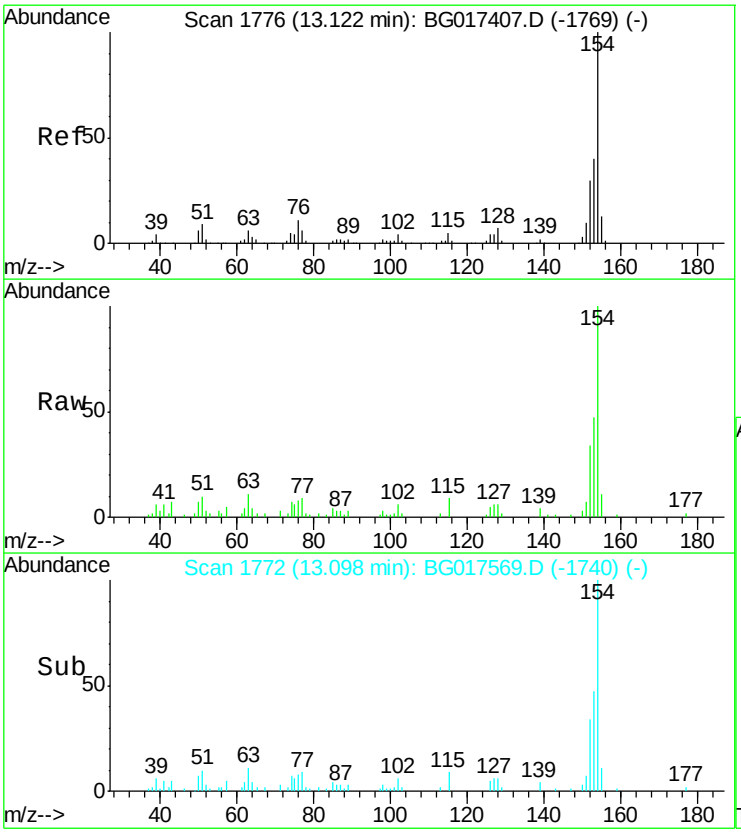
#44
2-Fluorobiphenyl
Concen: 2.83 ng
RT: 12.89 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:172 Resp: 10241

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	21.2	18.9	28.3

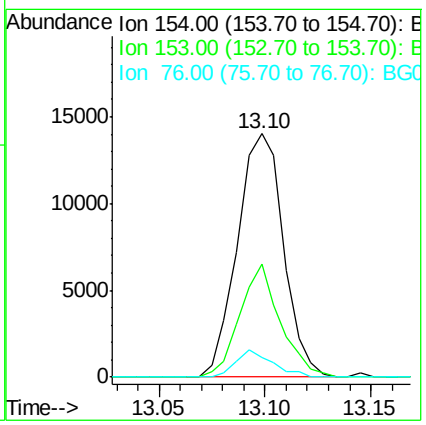


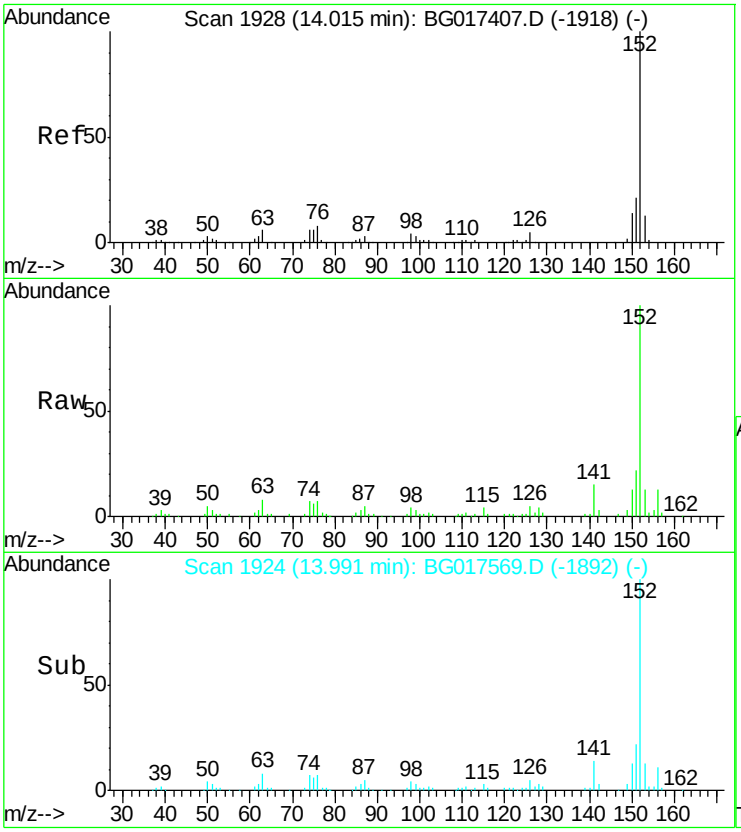


#45
1,1'-Biphenyl
Concen: 5.30 ng
RT: 13.10 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:154 Resp: 21188

Ion	Ratio	Lower	Upper
154	100		
153	46.6	20.1	60.1
76	8.0	0.0	31.5



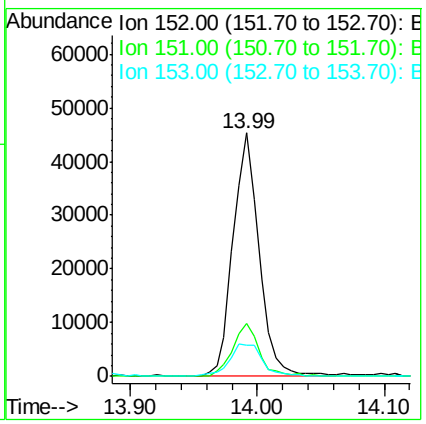


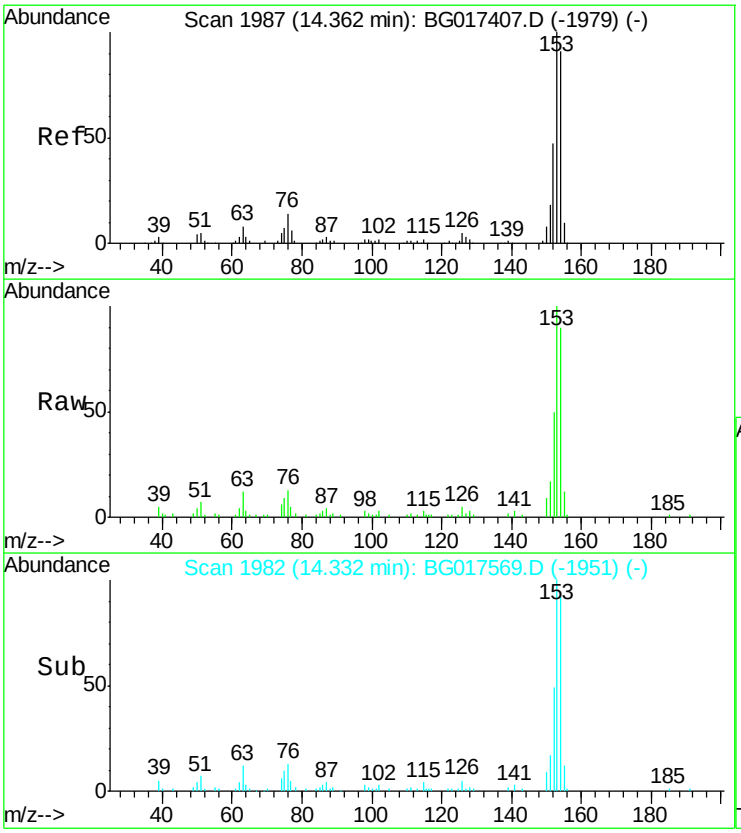
#48
Acenaphthylene
Concen: 10.92 ng
RT: 13.99 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:152 Resp: 64251

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.5	24.7
153	13.0	10.7	16.1

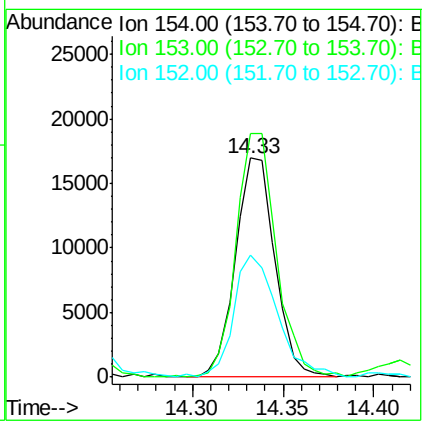


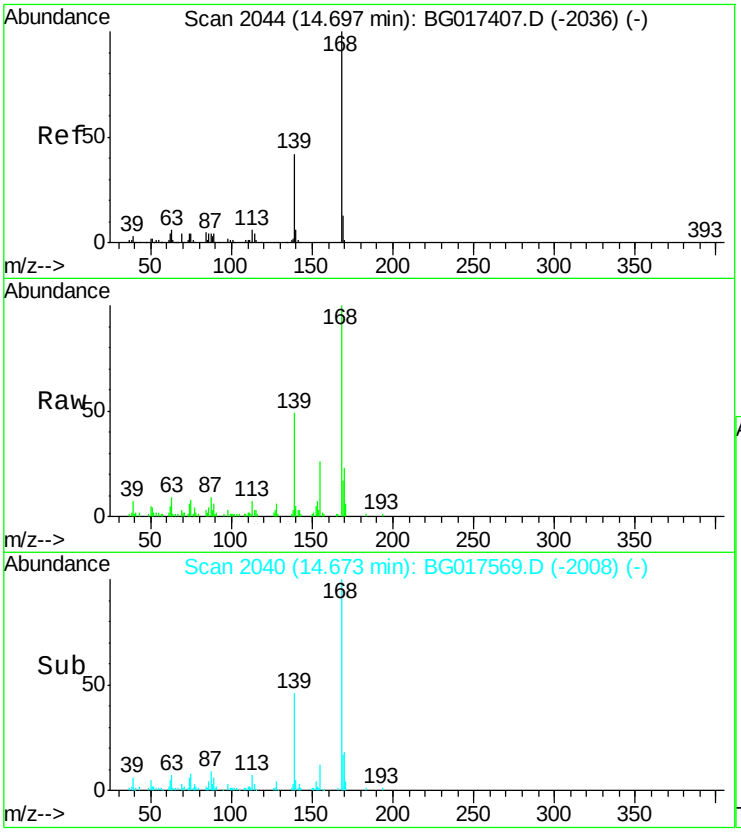


#51
Acenaphthene
Concen: 7.39 ng
RT: 14.33 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:154 Resp: 25650

Ion	Ratio	Lower	Upper
154	100		
153	111.0	87.7	131.5
152	56.0	40.8	61.2



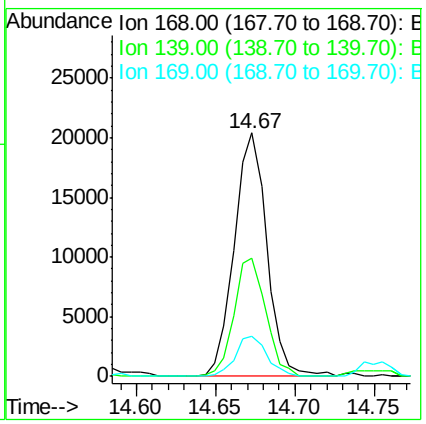


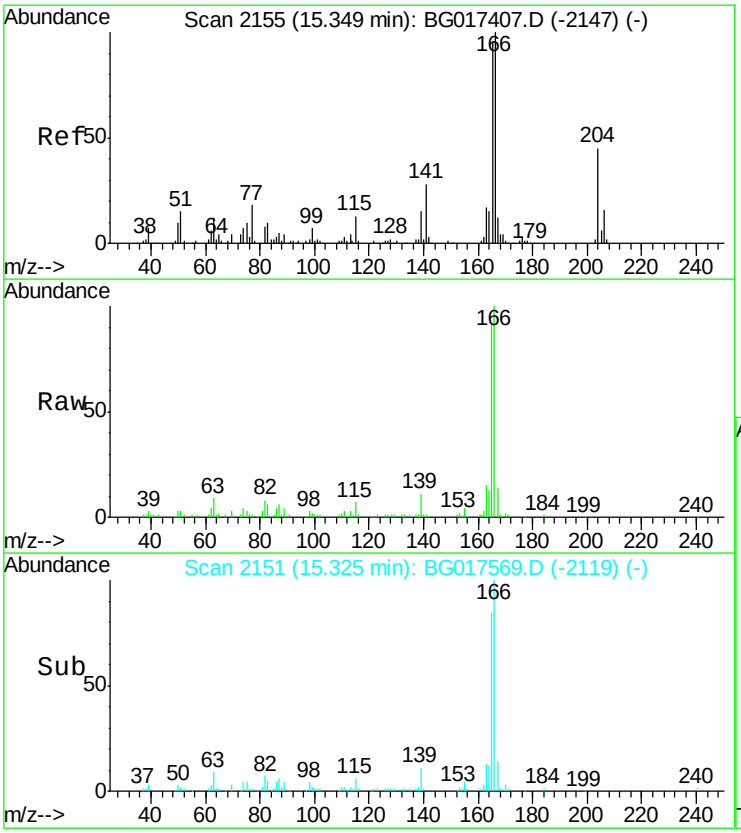
#54
Dibenzofuran
Concen: 5.70 ng
RT: 14.67 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:168 Resp: 29168

Ion	Ratio	Lower	Upper
168	100		
139	48.6	33.2	49.8
169	16.7	10.6	16.0#

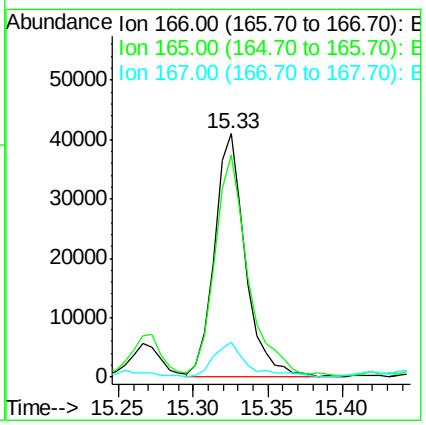


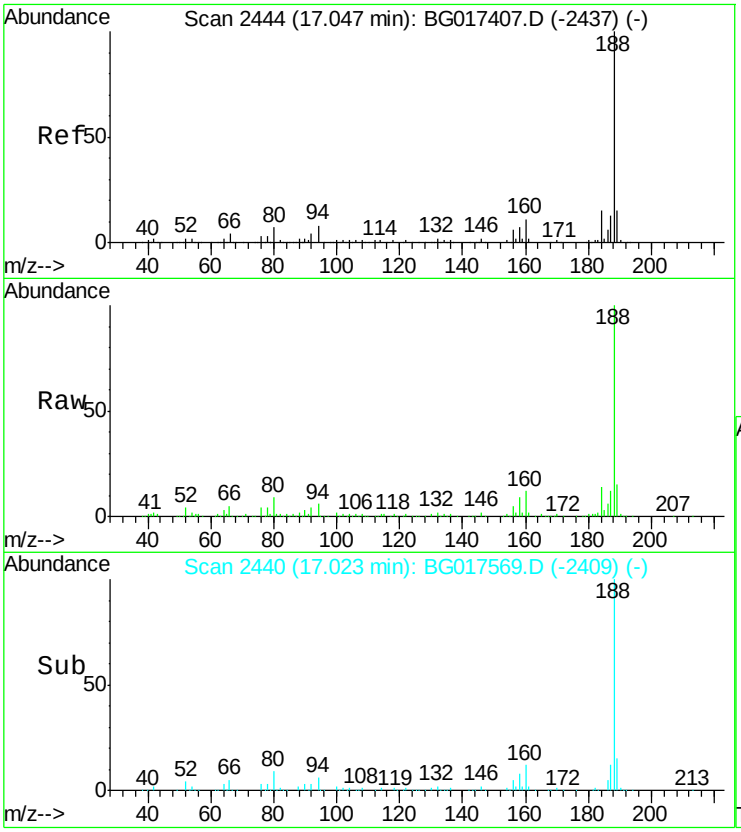


#57
Fluorene
Concen: 12.84 ng
RT: 15.33 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:166 Resp: 59563

Ion	Ratio	Lower	Upper
166	100		
165	91.0	76.8	115.2
167	14.1	9.9	14.9



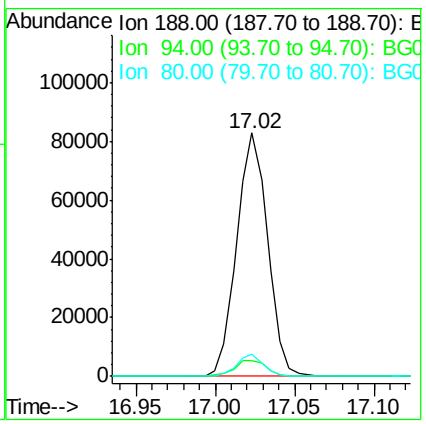


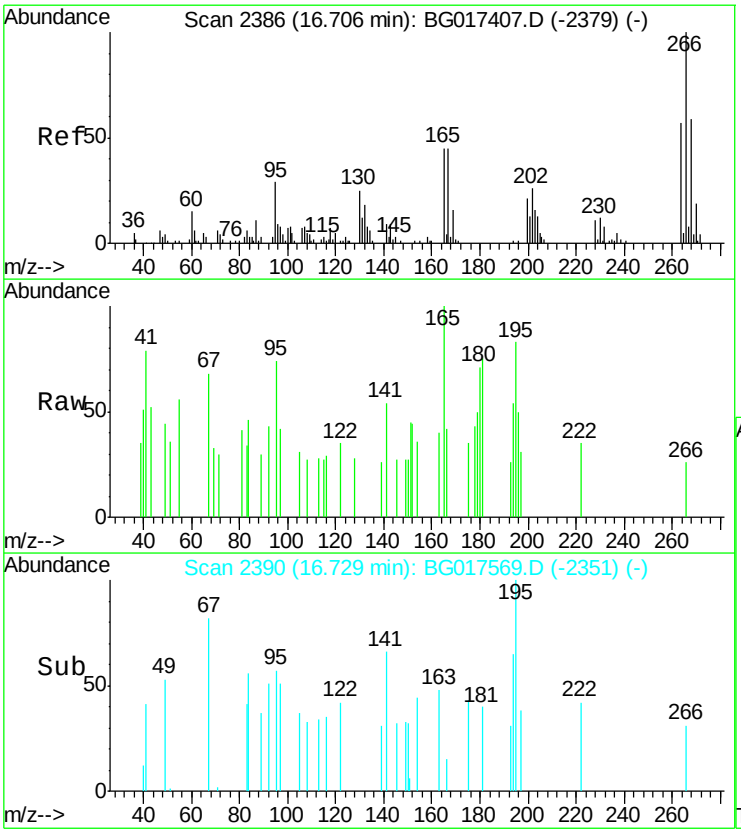
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:188 Resp: 111967

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.3	9.5
80	9.1	5.2	7.8#

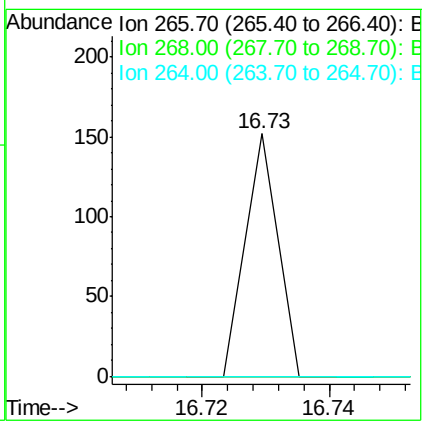


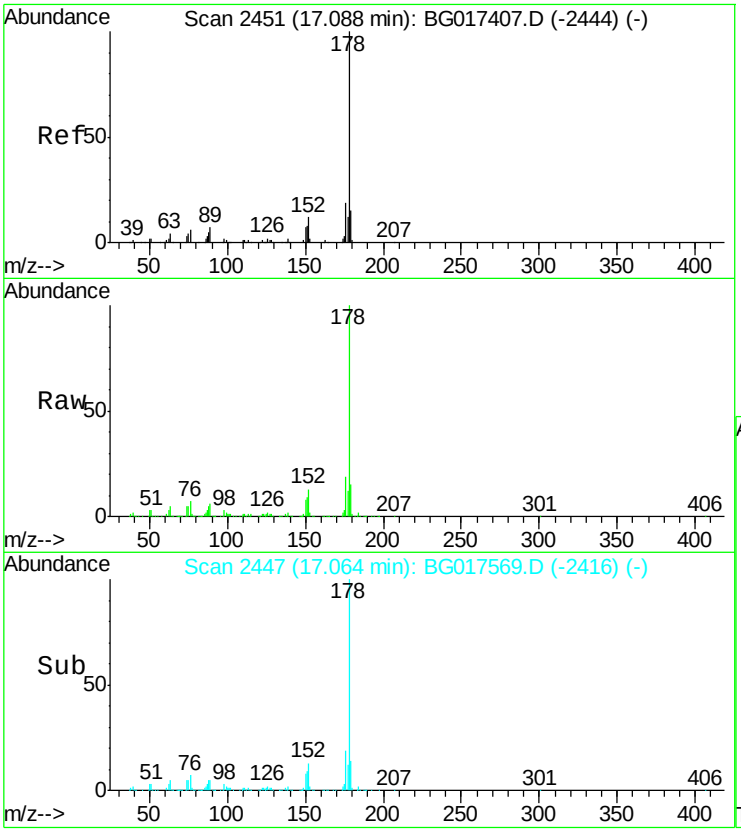


#69
Pentachlorophenol
Concen: 5.56 ng
RT: 16.73 min Scan# 2390
Delta R.T. 0.03 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:266 Resp: 54

Ion	Ratio	Lower	Upper
266	100		
268	0.0	47.0	70.6#
264	0.0	45.7	68.5#



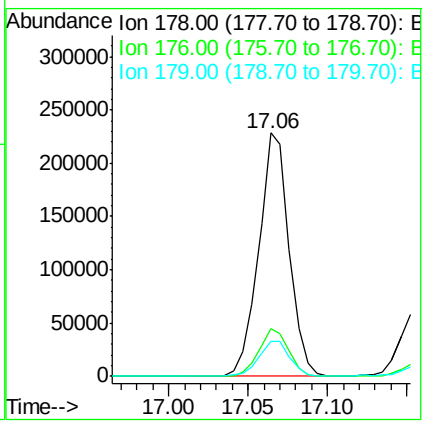


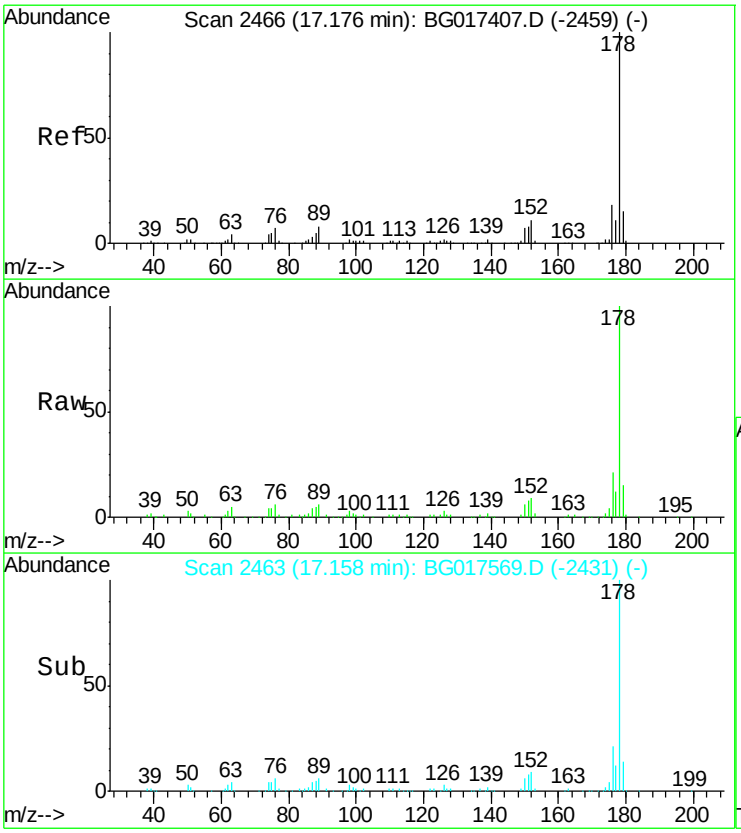
#70
Phenanthrene
Concen: 49.13 ng
RT: 17.06 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:178 Resp: 306711

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	14.5	12.2	18.2

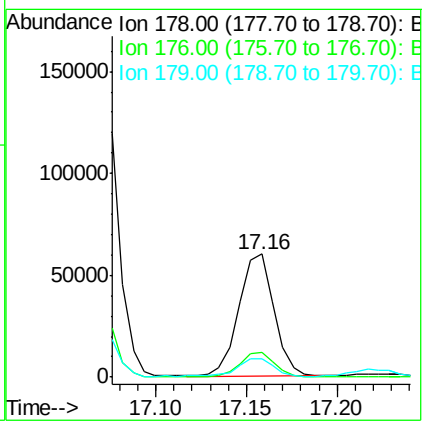


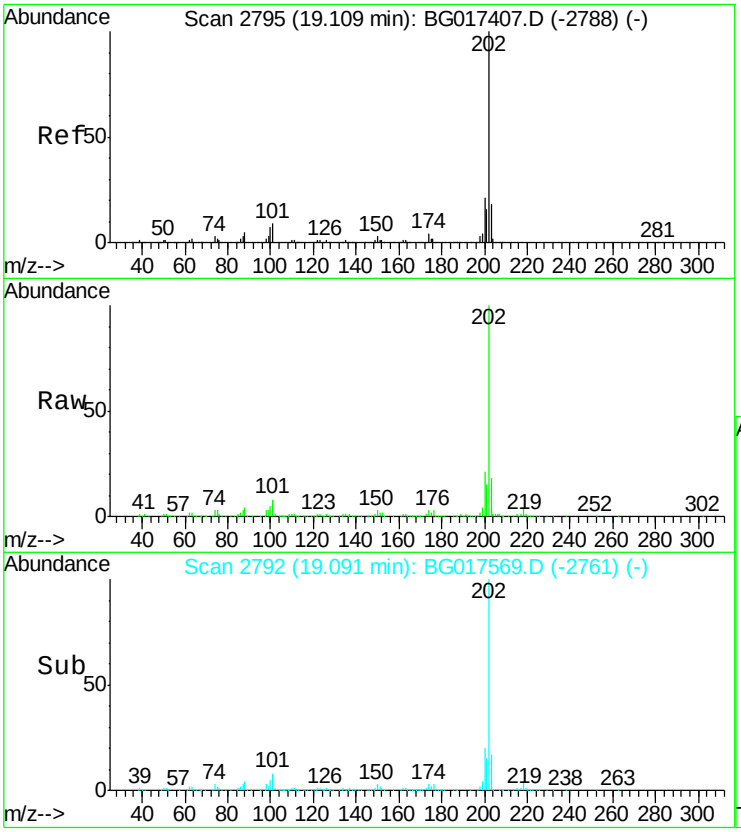


#71
Anthracene
Concen: 13.00 ng
RT: 17.16 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:178 Resp: 81093

Ion	Ratio	Lower	Upper
178	100		
176	20.6	14.2	21.2
179	15.1	12.2	18.4



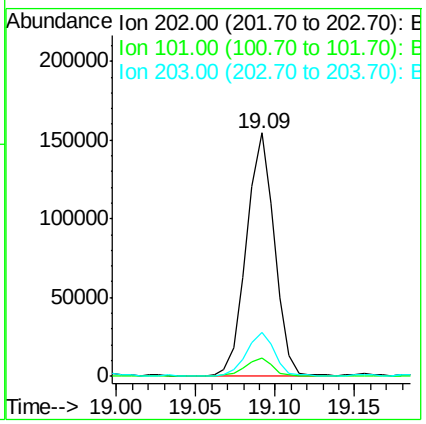


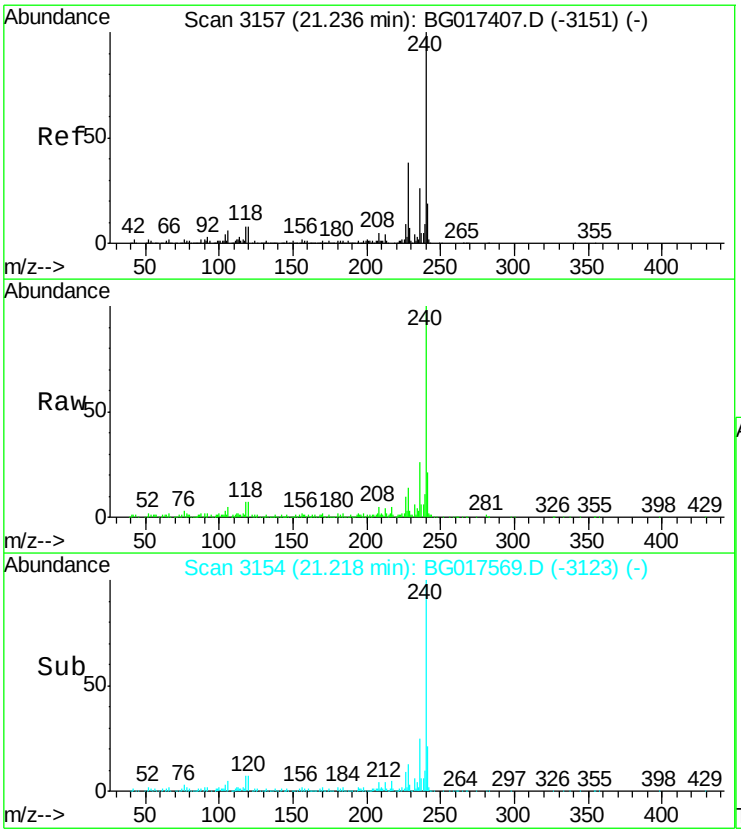
#74
Fluoranthene
Concen: 23.10 ng
RT: 19.09 min Scan# 2792
Delta R.T. -0.02 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:202 Resp: 188580

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.8
203	17.9	0.0	37.6

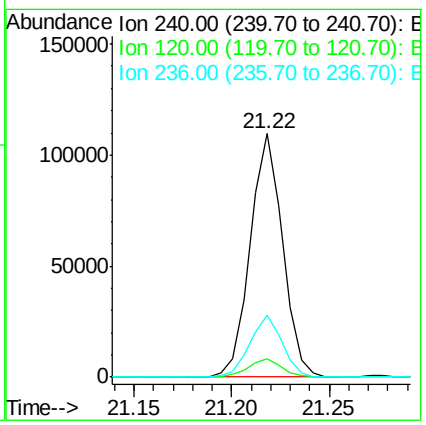


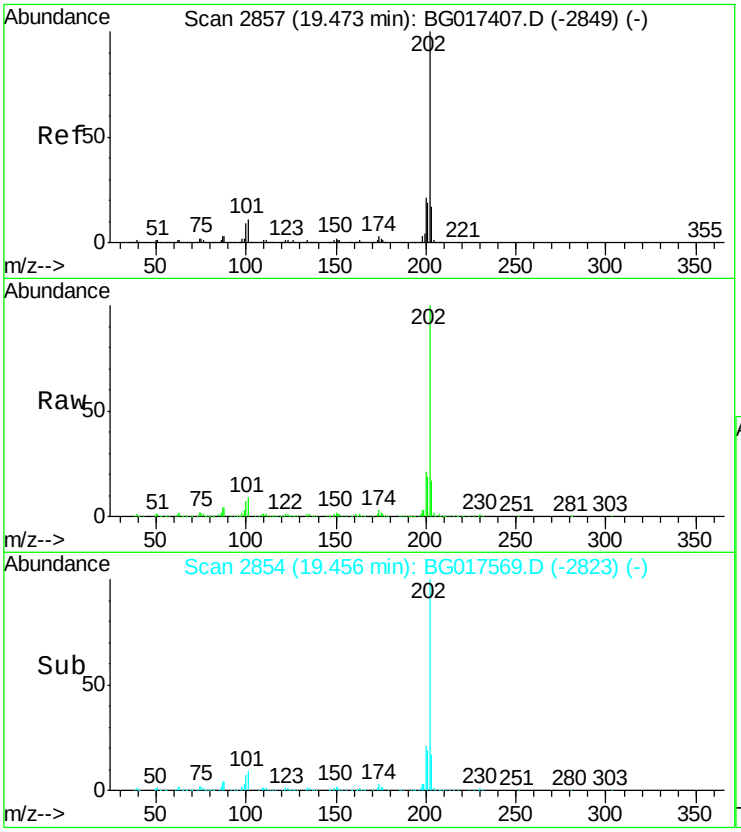


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:240 Resp: 126178

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.5	9.7
236	25.6	20.8	31.2



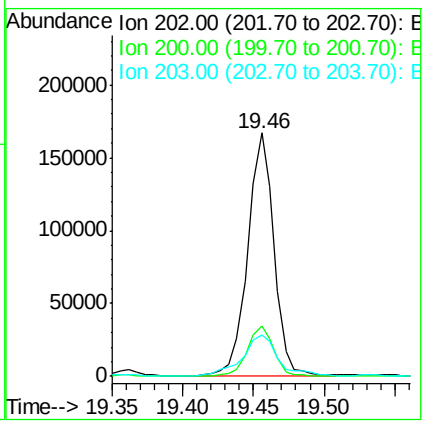


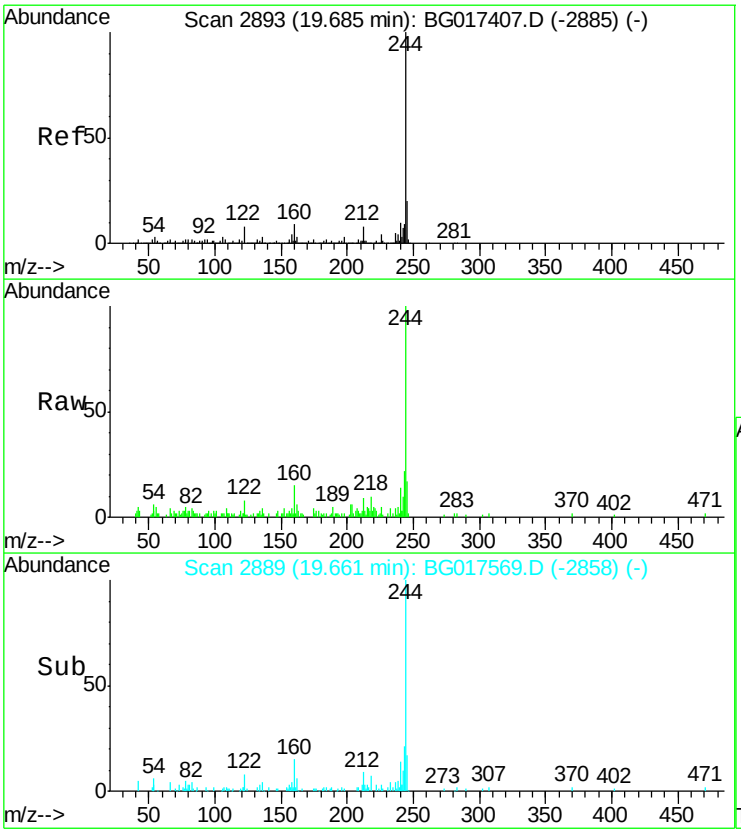
#77
Pyrene
Concen: 28.11 ng
RT: 19.46 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:202 Resp: 218518

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	16.8	13.9	20.9

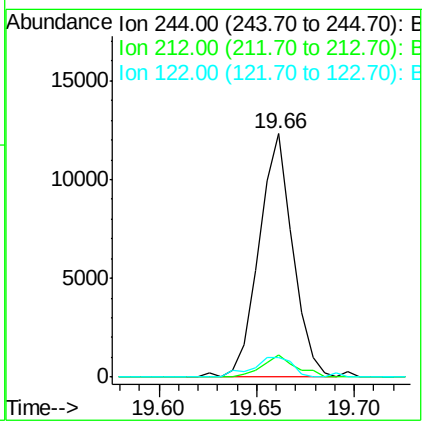


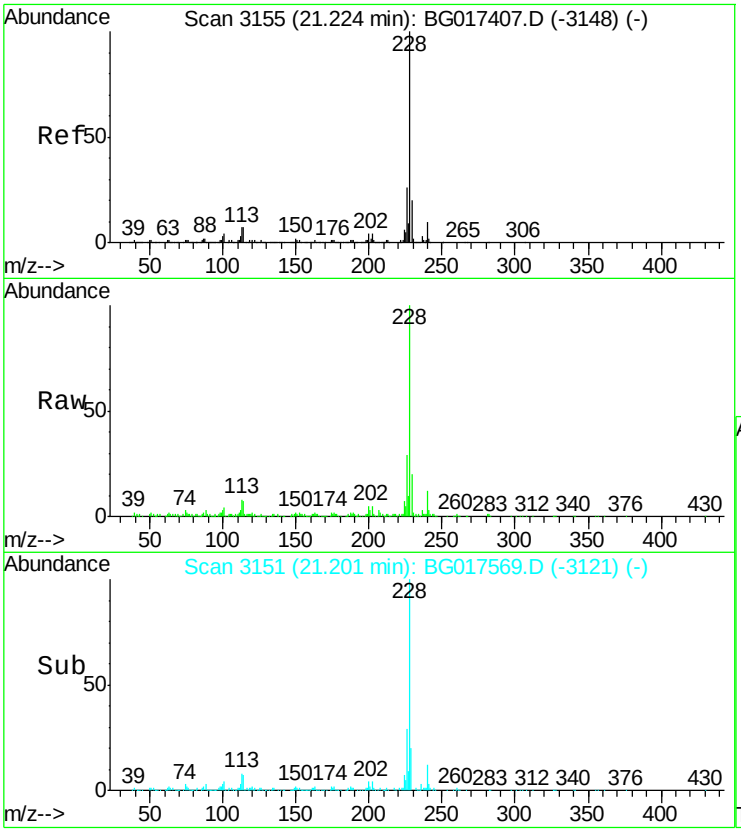


#78
Terphenyl-d14
Concen: 2.41 ng
RT: 19.66 min Scan# 2889
Delta R.T. -0.02 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:244 Resp: 14727

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.4	9.6
122	8.1	6.6	10.0



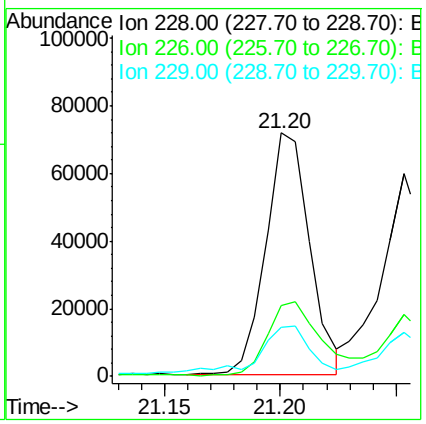


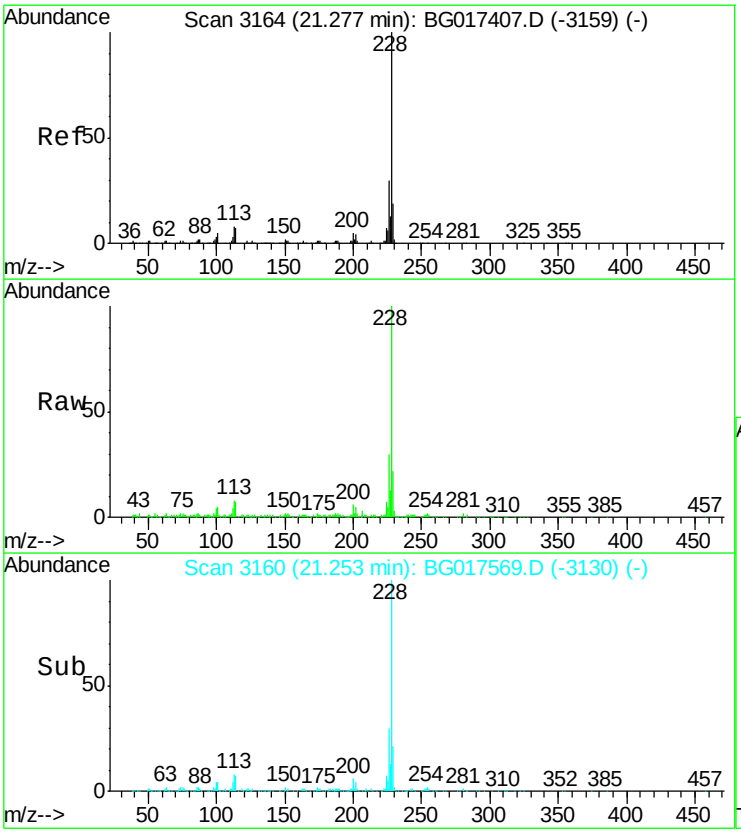
#80
Benzo(a)anthracene
Concen: 12.19 ng
RT: 21.20 min Scan# 3151
Delta R.T. -0.02 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:228 Resp: 94562

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.0	31.6
229	20.1	15.7	23.5

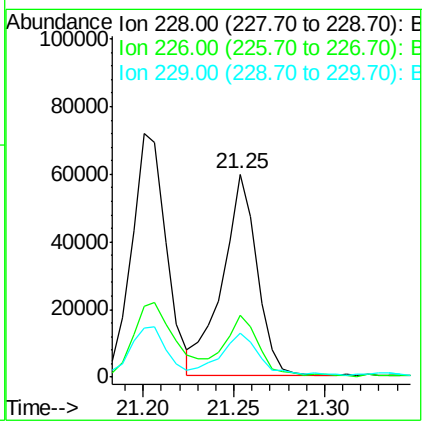


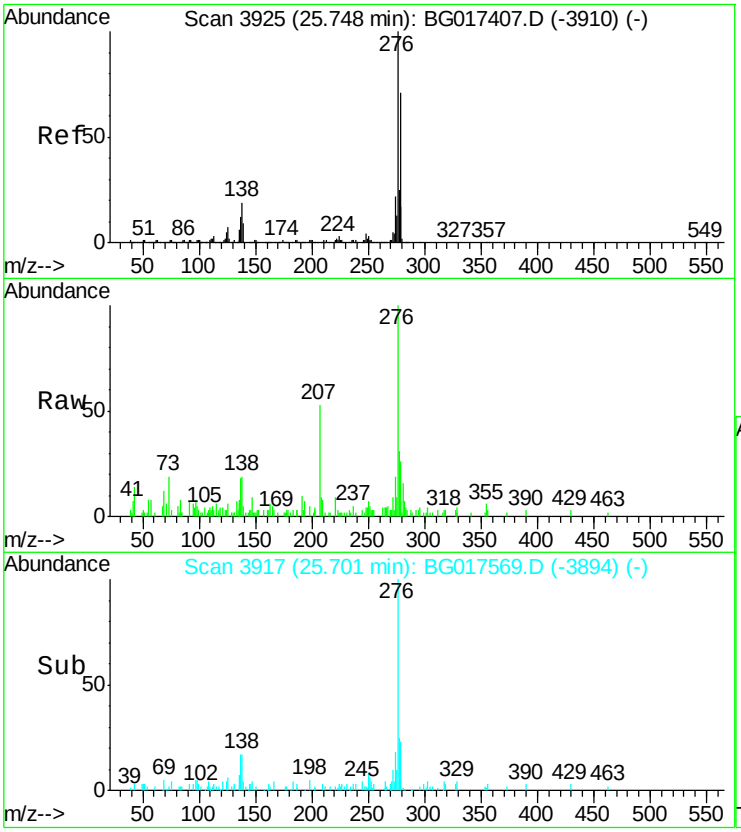


#82
Chrysene
Concen: 11.30 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:228 Resp: 79372

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.7	35.5
229	21.5	15.2	22.8



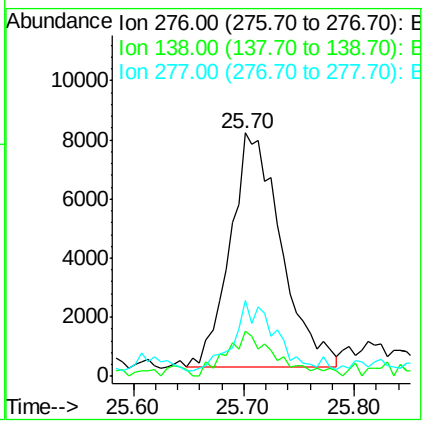


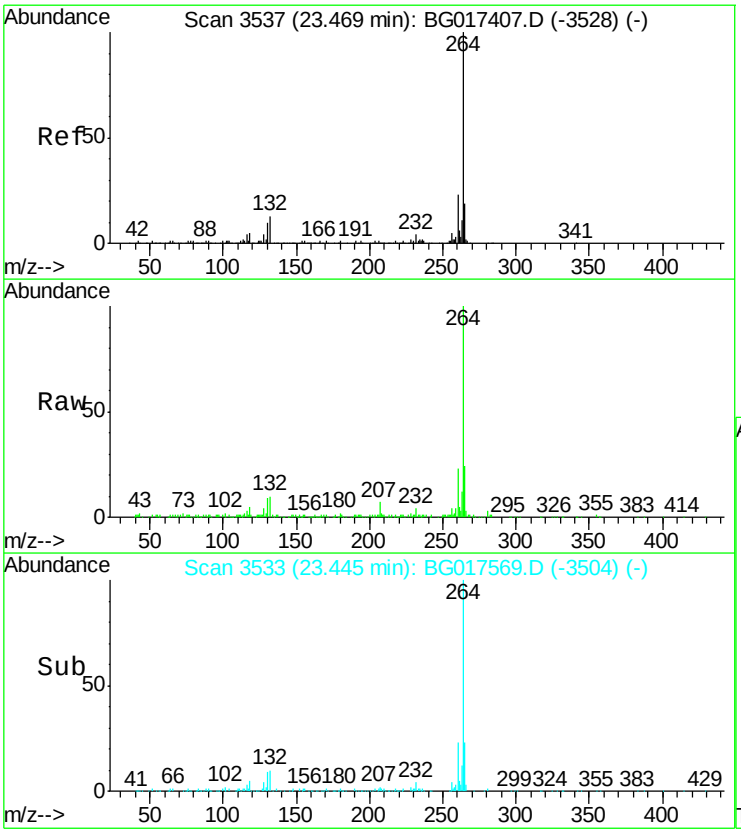
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.87 ng
RT: 25.70 min Scan# 3917
Delta R.T. -0.07 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:276 Resp: 25326

Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.4	23.0
277	24.2	20.5	30.7

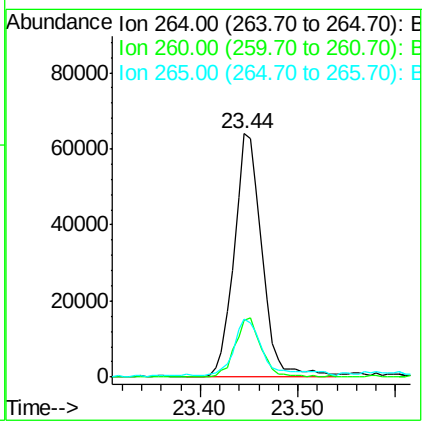


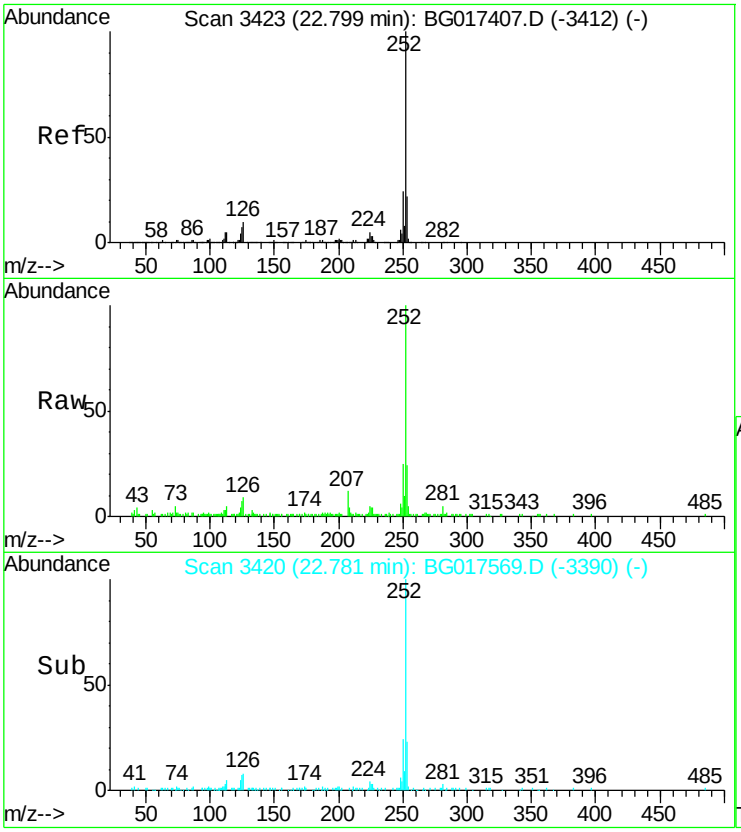


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.44 min Scan# 3533
Delta R.T. -0.03 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:264 Resp: 127627

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	23.7	15.8	23.6#



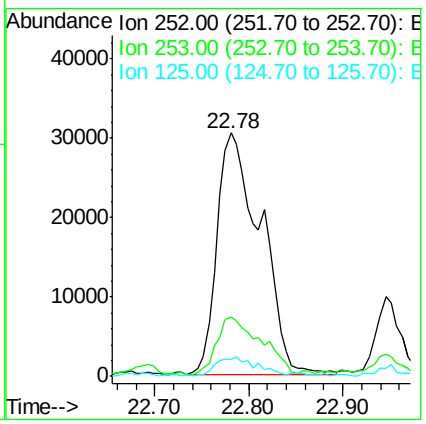


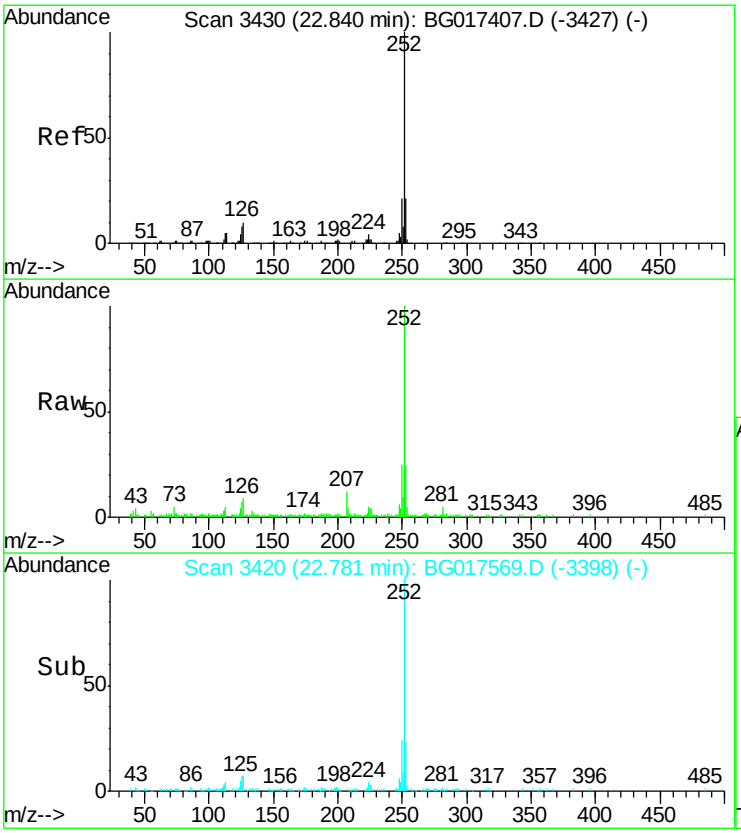
#87
Benzo(b)fluoranthene
Concen: 12.23 ng
RT: 22.78 min Scan# 3420
Delta R.T. -0.02 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:252 Resp: 98915

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	7.2	5.8	8.8

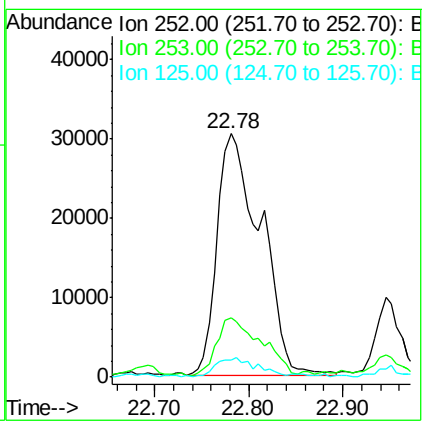


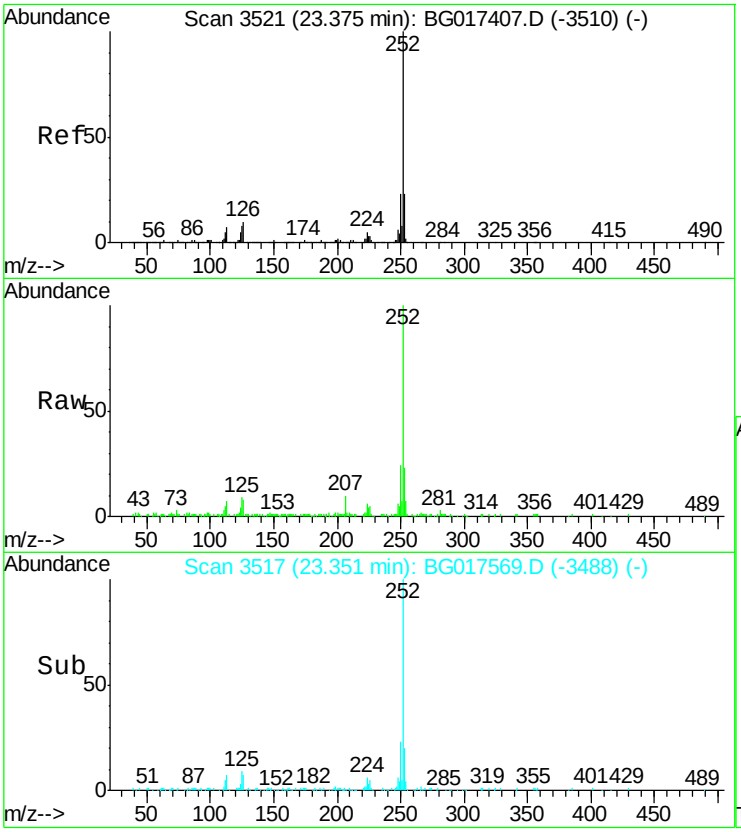


#88
Benzo(k)fluoranthene
Concen: 12.78 ng
RT: 22.78 min Scan# 3420
Delta R.T. -0.07 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:252 Resp: 98915

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.7	26.5
125	7.2	6.5	9.7



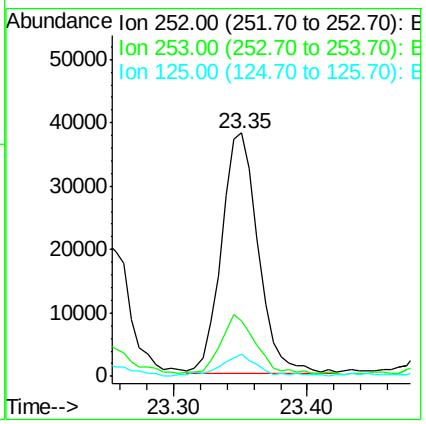


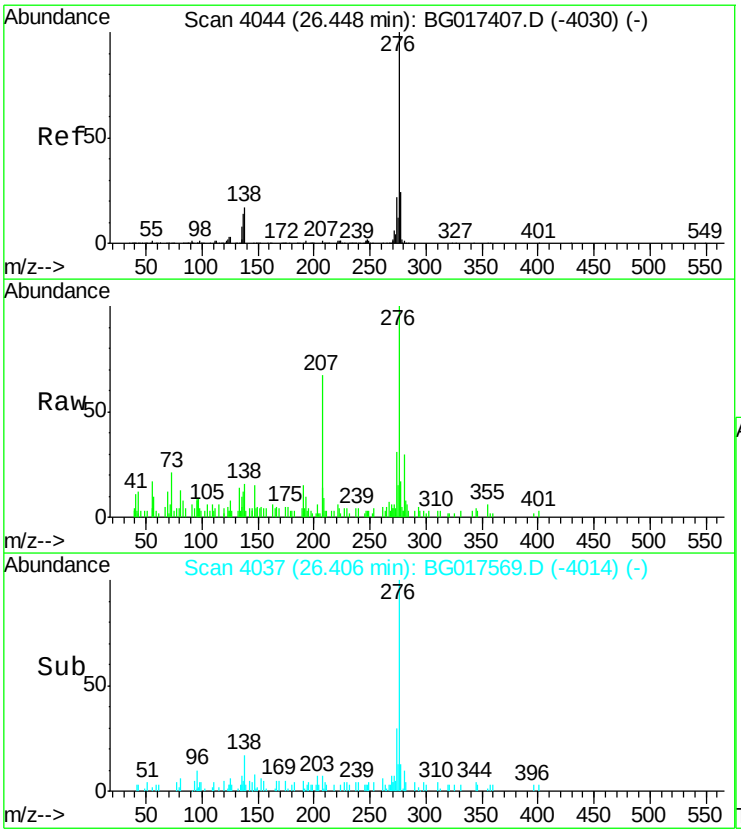
#89
Benzo(a)pyrene
Concen: 9.85 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.03 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Instrument :
BNA_G
ClientSampleId :
SB-12DDL

Tgt Ion:252 Resp: 73060

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	9.3	6.5	9.7





#91
Benzo(g,h,i)perylene
Concen: 3.69 ng
RT: 26.41 min Scan# 4037
Delta R.T. -0.07 min
Lab File: BG017569.D
Acq: 9 Jun 2015 10:42

Tgt Ion:276 Resp: 27101

Ion	Ratio	Lower	Upper
276	100		
277	16.8	19.2	28.8#
138	15.6	13.5	20.3