Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
Data File : BG017589.D
Acq On : 10 Jun 2015 2:06
Operator : TP/IZ
Sample : G2464-09DL2 100X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD-1-20150603DL2

Quant Time: Jun 10 06:19:51 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 05:08:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	13190	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	57851	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	40066	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	93946	20.00	ng		-0.01
75) Chrysene-d12	21.20	240	123920	20.00	ng		0.00
86) Perylene-d12	23.41	264	121161	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	727	0.97	ng		0.02
7) Phenol-d6	6.81	99	693	0.68	ng		0.03
23) Nitrobenzene-d5	8.73	82	163	0.14	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	171	0.31	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	1702	0.64	ng		0.00
78) Terphenyl-d14	19.64	244	3746	0.62	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.41	128	151828	50.23	ng		97
33) 4-Chloroaniline	10.42	127	19723	14.71	ng	#	46
37) 2-Methylnaphthalene	12.04	142	62662	26.97	ng		96
45) 1,1'-Biphenyl	13.07	154	9969	3.40	ng		97
48) Acenaphthylene	13.96	152	30610	7.10	ng		96
51) Acenaphthene	14.31	154	12250	4.82	ng		88
54) Dibenzofuran	14.64	168	15151	4.04	ng		93
55) 4-Nitrophenol	14.64	139	7148	11.25	ng	#	1
57) Fluorene	15.30	166	30118	8.85	ng		99
70) Phenanthrene	17.04	178	166695	31.82	ng		100
71) Anthracene	17.04	178	166695	31.86	ng		98
74) Fluoranthene	19.07	202	102883	15.02	ng		98
77) Pyrene	19.43	202	123421	16.17	ng		97
80) Benzo(a)anthracene	21.18	228	53631	7.04	ng		93
82) Chrysene	21.23	228	45890	6.65	ng		99
85) Indeno(1,2,3-cd)pyrene	25.66	276	19341	2.23	ng		95
87) Benzo(b)fluoranthene	22.75	252	54741	7.13	ng	#	94
88) Benzo(k)fluoranthene	22.75	252	54741	7.45	ng	#	94
89) Benzo(a)pyrene	23.31	252	42832	6.08	ng	#	96
91) Benzo(g,h,i)perylene	26.34	276	18749	2.69	ng	#	86

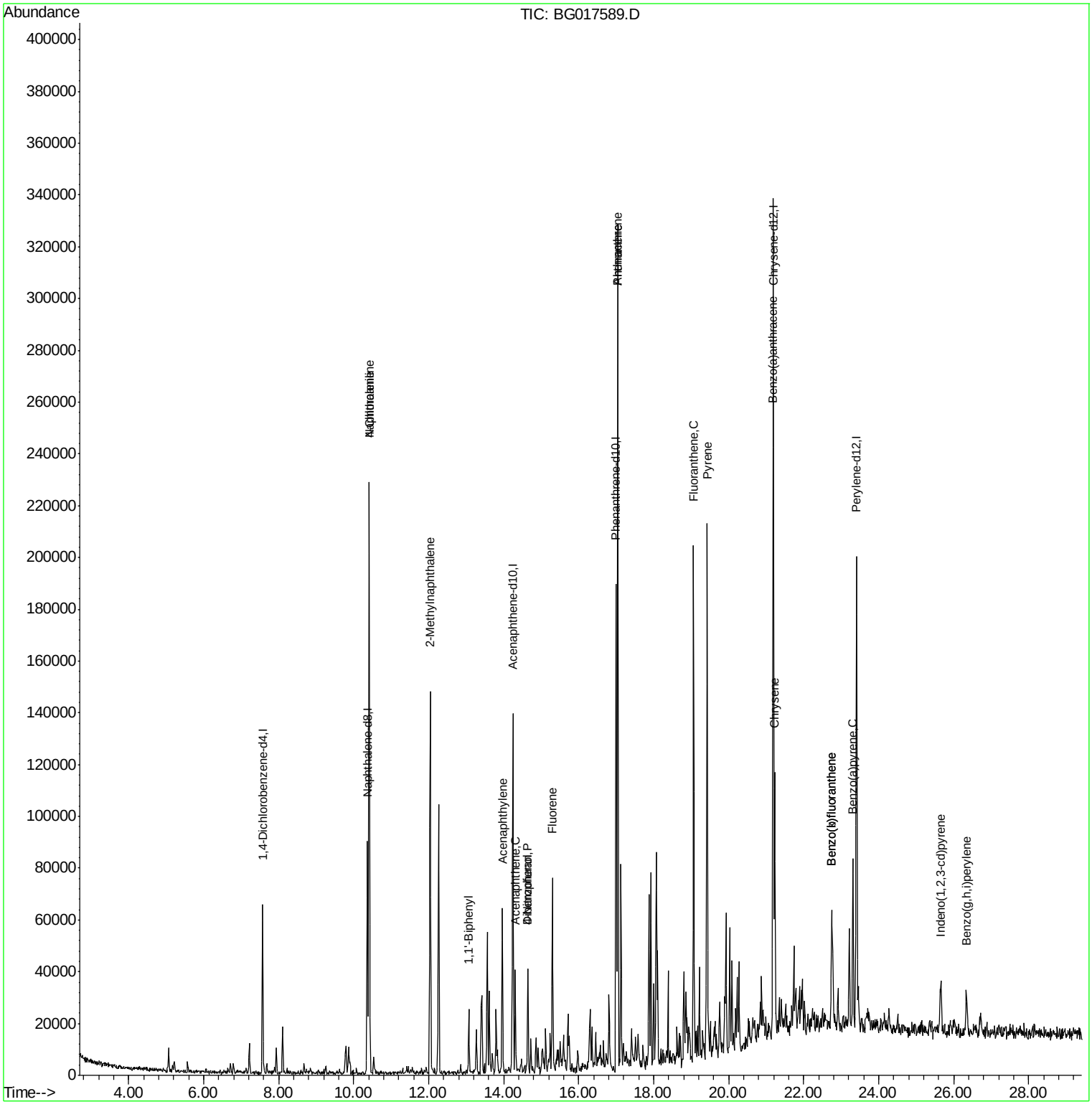
(#) = qualifier out of range (m) = manual integration (+) = signals summed

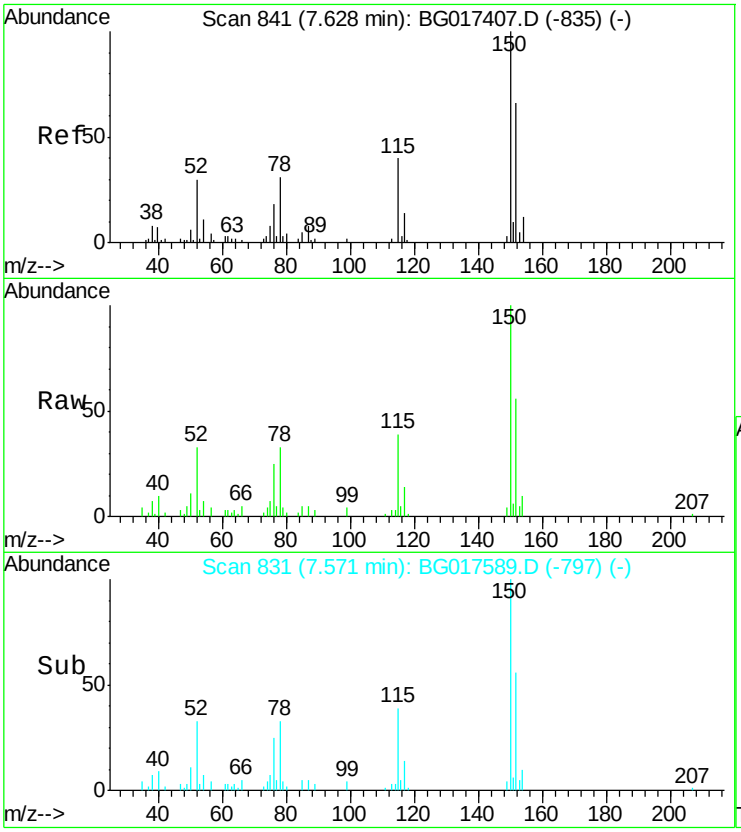
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
Data File : BG017589.D
Acq On : 10 Jun 2015 2:06
Operator : TP/IZ
Sample : G2464-09DL2 100X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Quant Time: Jun 10 06:19:51 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 05:08:16 2015
Response via : Initial Calibration



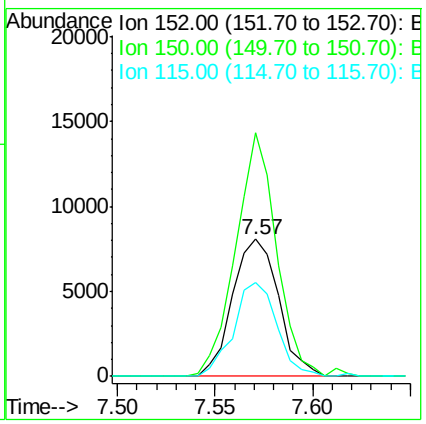


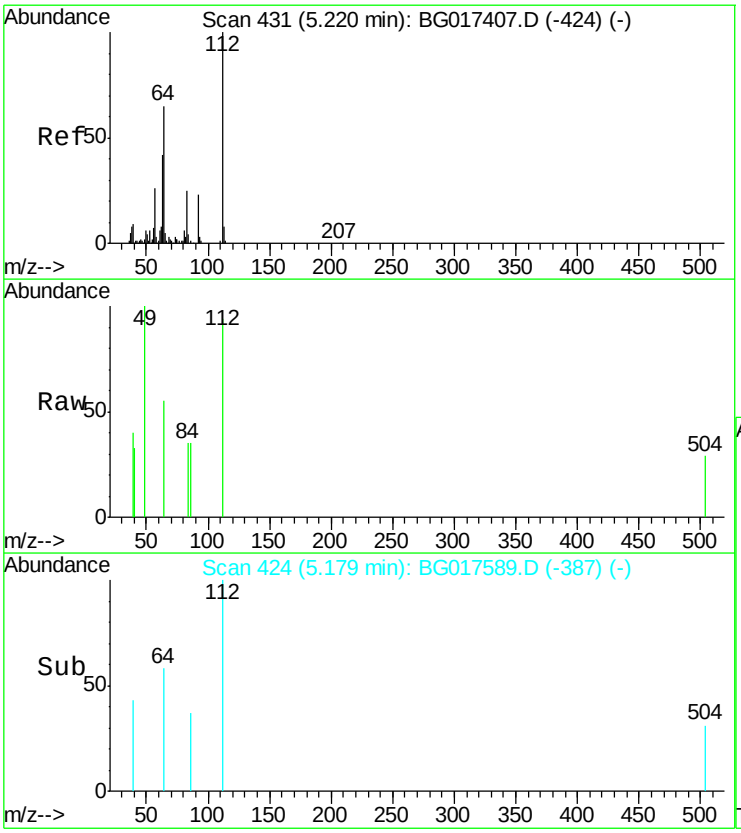
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:152 Resp: 13190

Ion	Ratio	Lower	Upper
152	100		
150	177.8	121.7	182.5
115	68.8	48.6	73.0

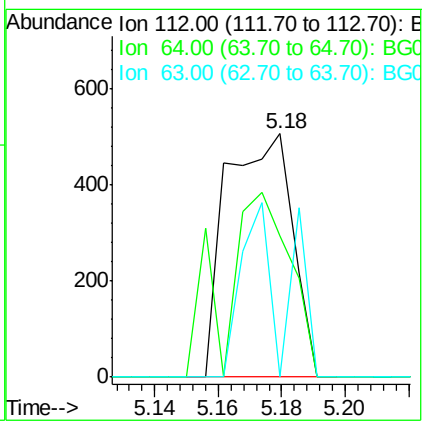


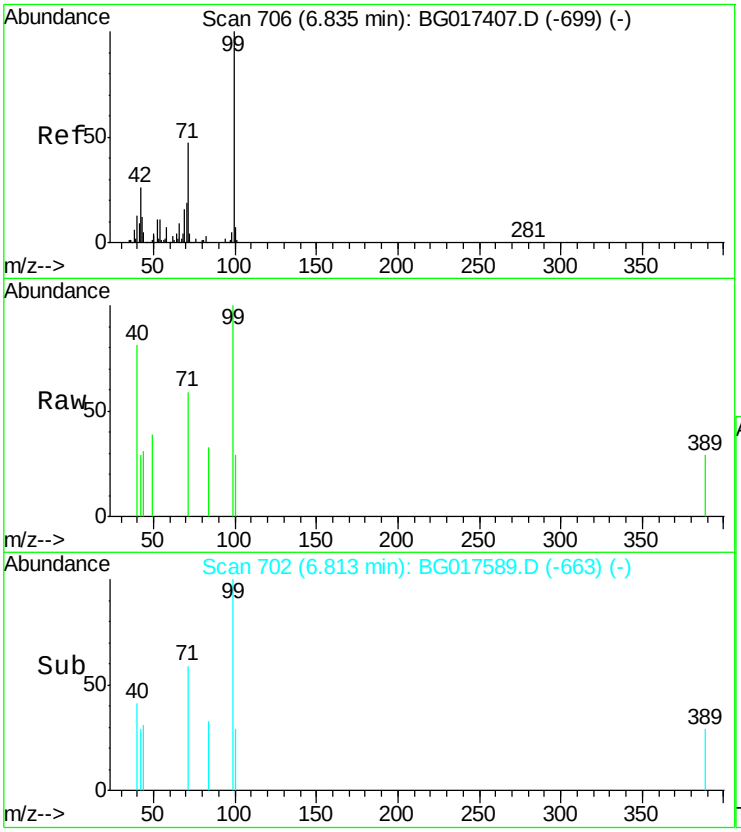


#5
2-Fluorophenol
Concen: 0.97 ng
RT: 5.18 min Scan# 424
Delta R.T. 0.02 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:112 Resp: 727

Ion	Ratio	Lower	Upper
112	100		
64	58.0	51.6	77.4
63	0.0	33.3	49.9#



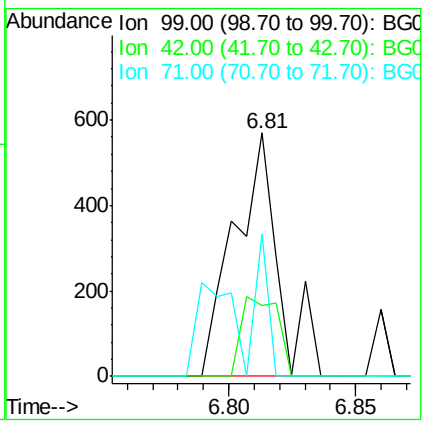


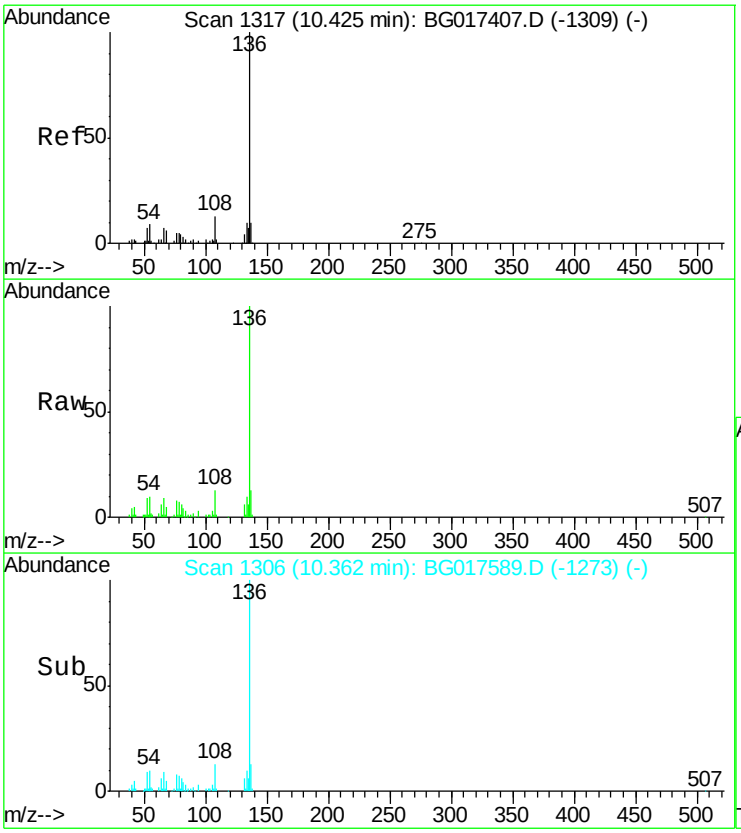
#7
Phenol-d6
Concen: 0.68 ng
RT: 6.81 min Scan# 702
Delta R.T. 0.03 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion: 99 Resp: 693

Ion	Ratio	Lower	Upper
99	100		
42	28.9	21.0	31.6
71	58.8	37.2	55.8#

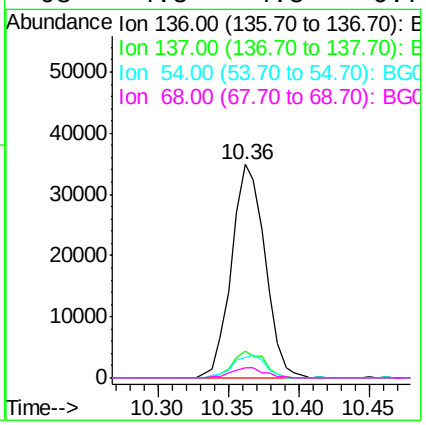


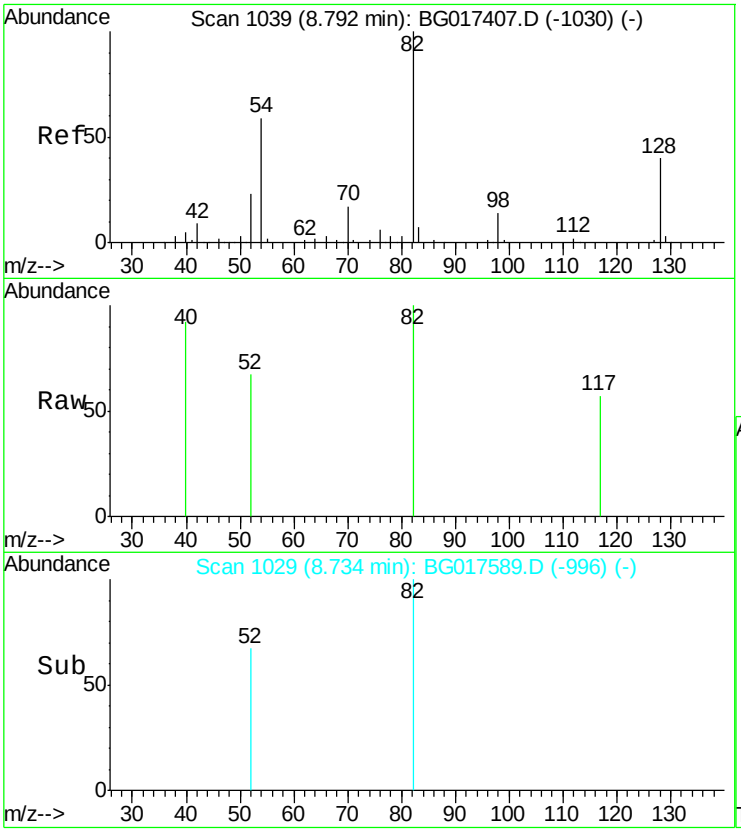


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:136 Resp: 57851

Ion	Ratio	Lower	Upper
136	100		
137	12.5	7.9	11.9#
54	10.1	7.2	10.8
68	4.5	4.5	6.7



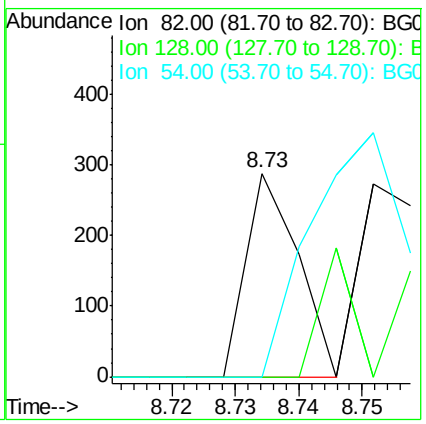


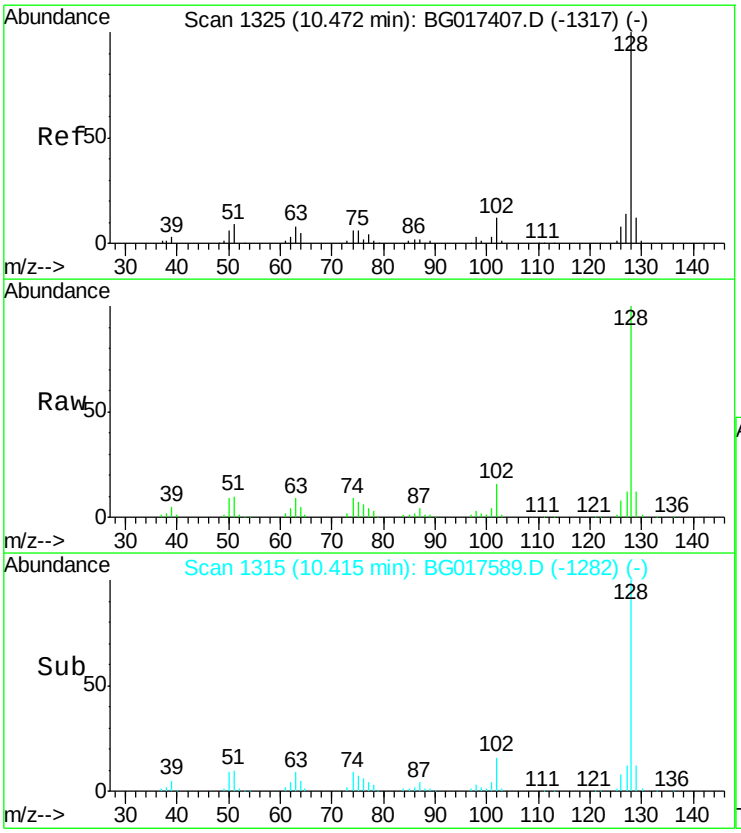
#23
Nitrobenzene-d5
Concen: 0.14 ng
RT: 8.73 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion: 82 Resp: 163

Ion	Ratio	Lower	Upper
82	100		
128	0.0	32.2	48.4#
54	0.0	47.4	71.2#

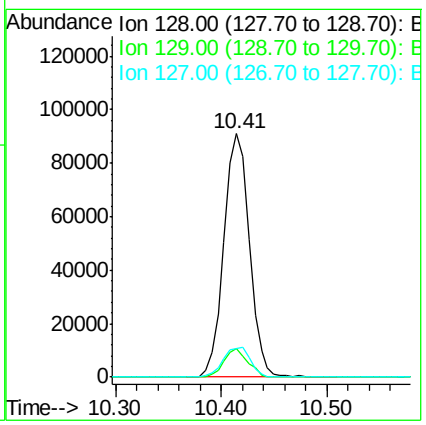


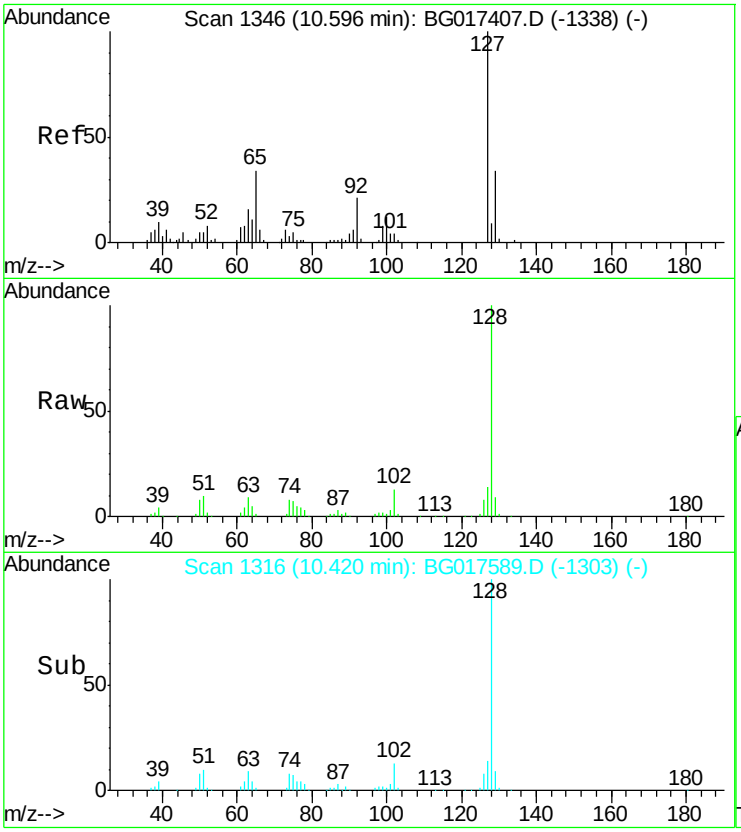


#31
Naphthalene
Concen: 50.23 ng
RT: 10.41 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:128 Resp: 151828

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	11.9	10.9	16.3



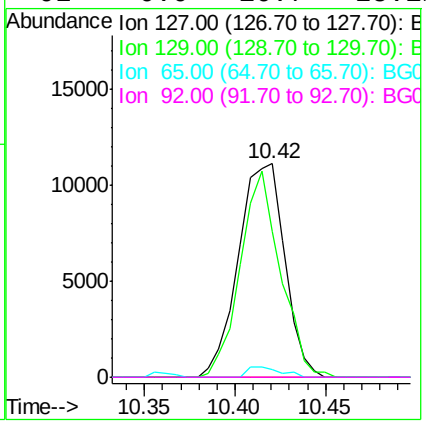


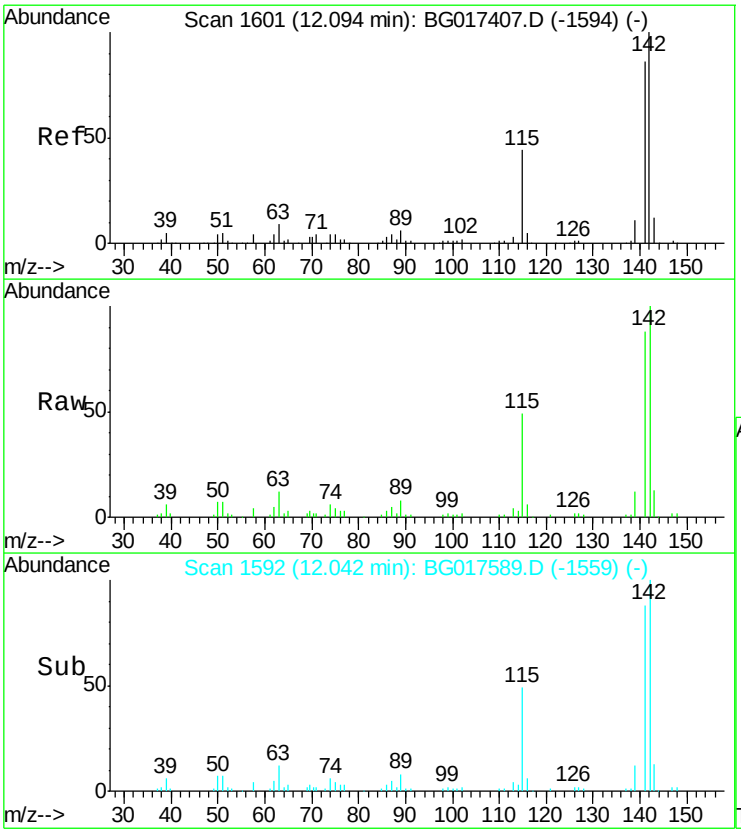
#33
4-Chloroaniline
Concen: 14.71 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.12 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:127 Resp: 19723

Ion	Ratio	Lower	Upper
127	100		
129	68.6	27.1	40.7#
65	3.8	27.6	41.4#
92	0.0	16.7	25.1#

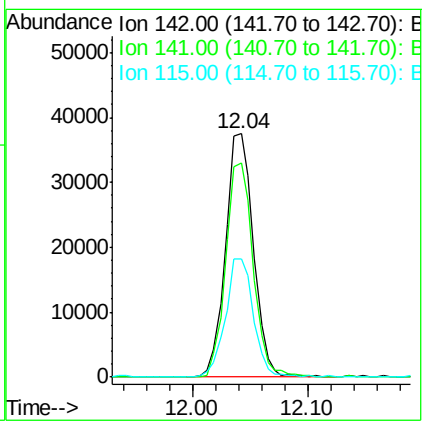


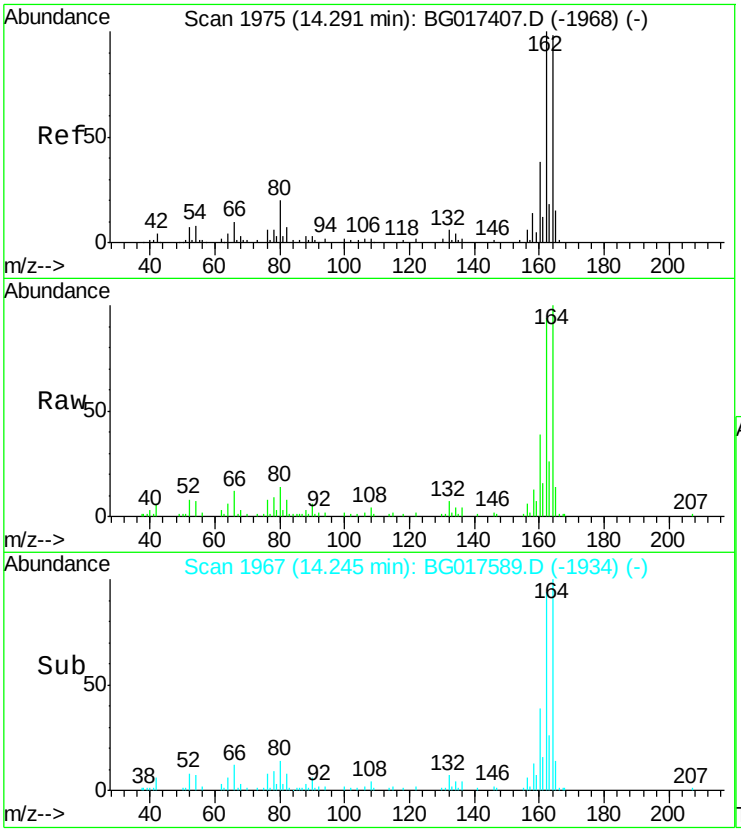


#37
2-Methylnaphthalene
Concen: 26.97 ng
RT: 12.04 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:142 Resp: 62662

Ion	Ratio	Lower	Upper
142	100		
141	87.9	68.6	102.8
115	48.5	35.3	52.9



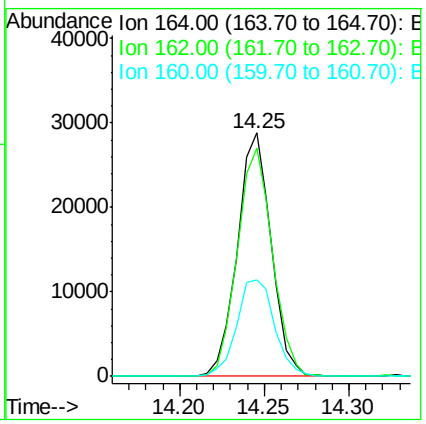


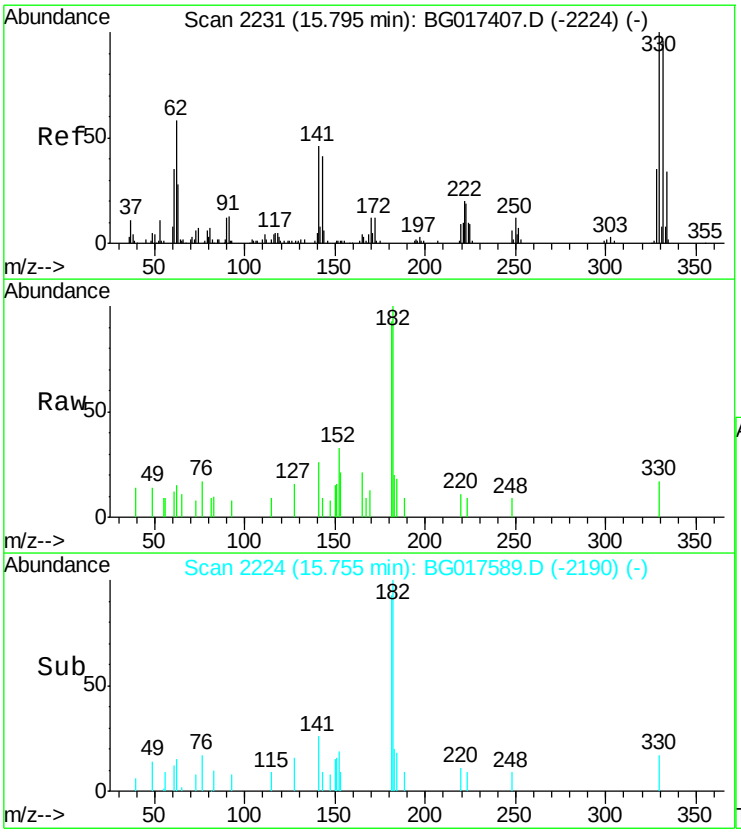
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:164 Resp: 40066

Ion	Ratio	Lower	Upper
164	100		
162	93.7	81.8	122.6
160	39.5	31.0	46.4

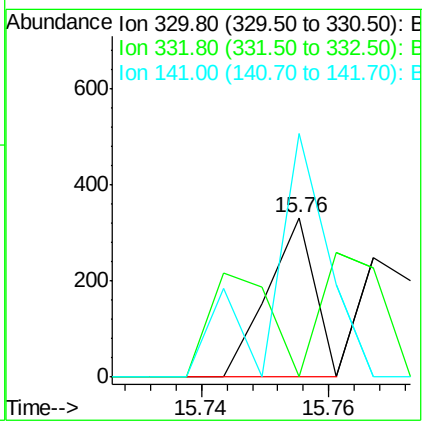


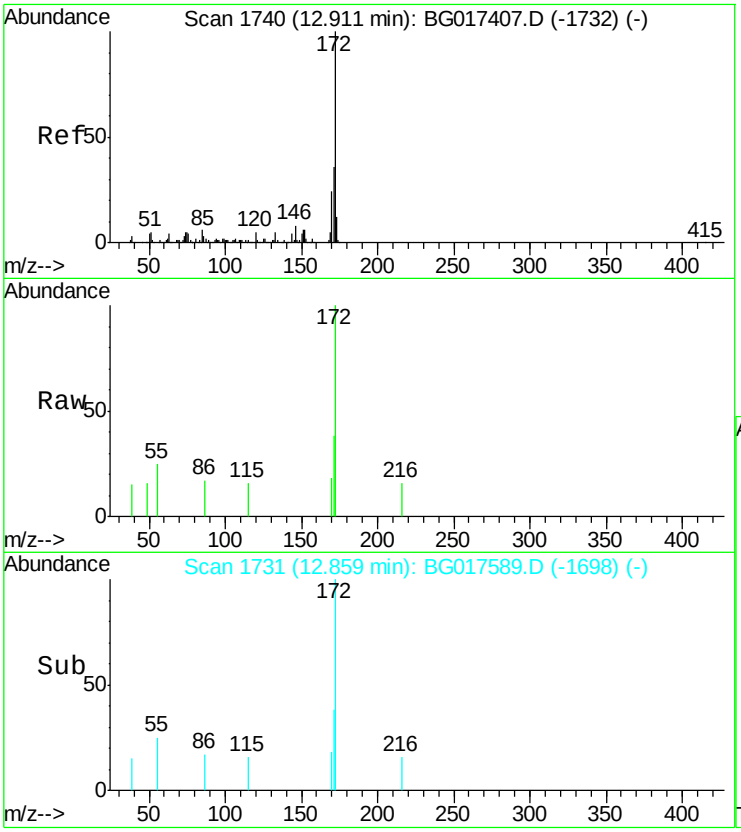


#41
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.76 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:330 Resp: 171

Ion	Ratio	Lower	Upper
330	100		
332	100.6	75.9	113.9
141	183.0	40.2	60.4#



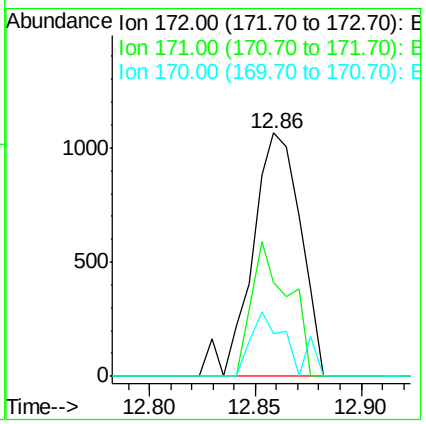


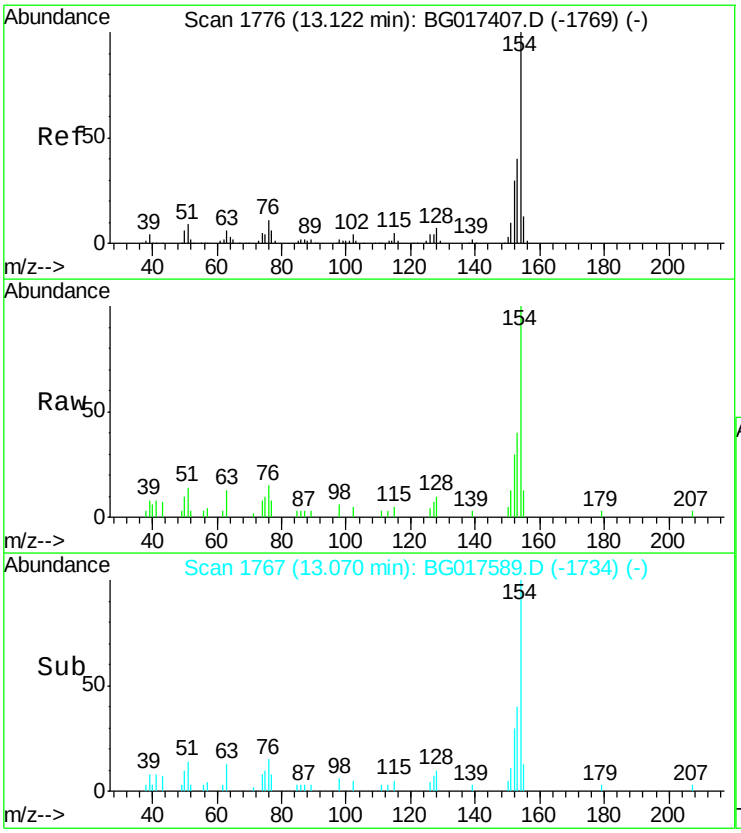
#44
2-Fluorobiphenyl
Concen: 0.64 ng
RT: 12.86 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:172 Resp: 1702

Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.0	43.6
170	17.5	18.9	28.3#

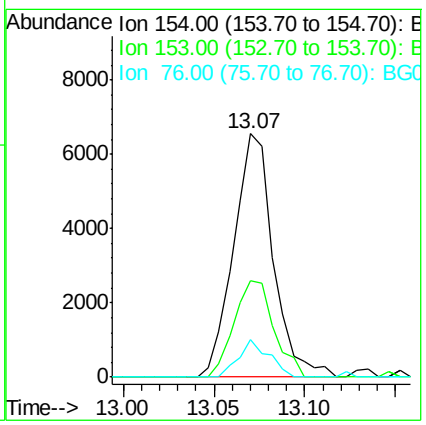


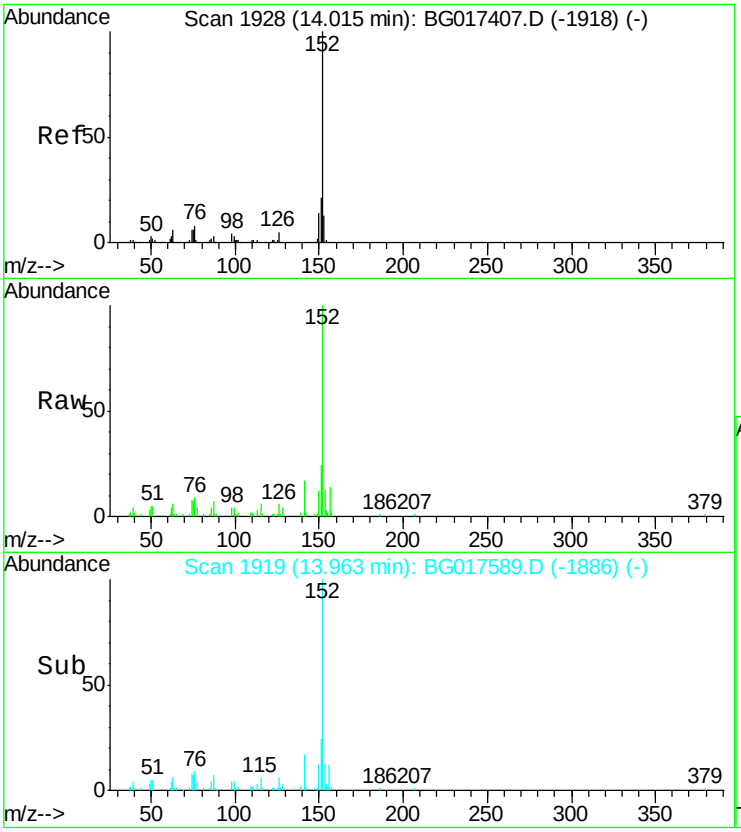


#45
1,1'-Biphenyl
Concen: 3.40 ng
RT: 13.07 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:154 Resp: 9969

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.1	60.1
76	15.2	0.0	31.5



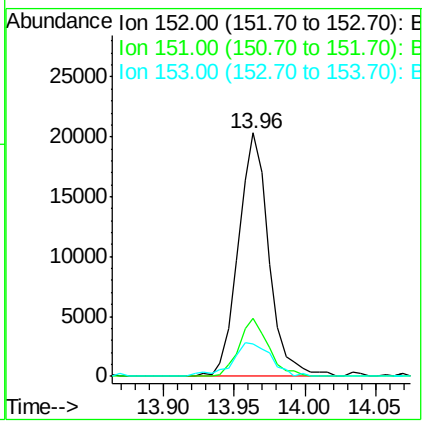


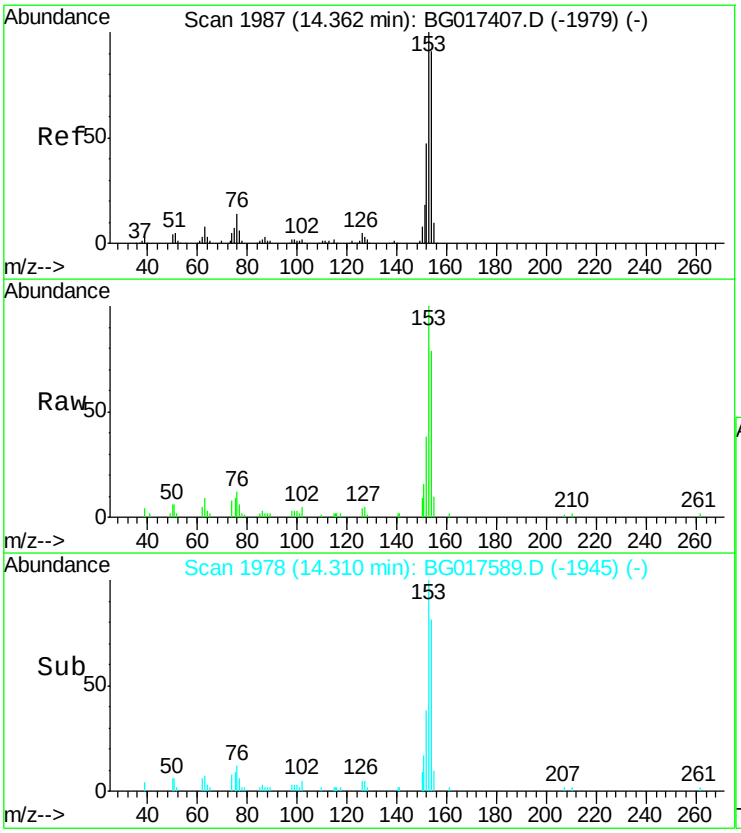
#48
Acenaphthylene
Concen: 7.10 ng
RT: 13.96 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:152 Resp: 30610

Ion	Ratio	Lower	Upper
152	100		
151	23.9	16.5	24.7
153	13.5	10.7	16.1

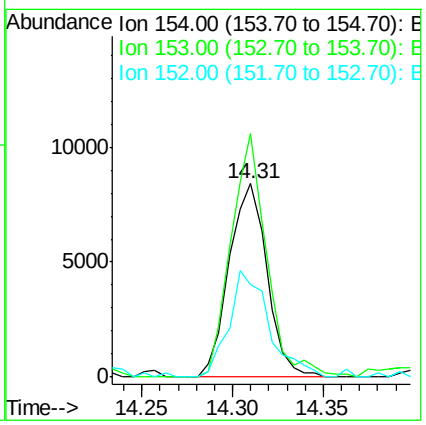


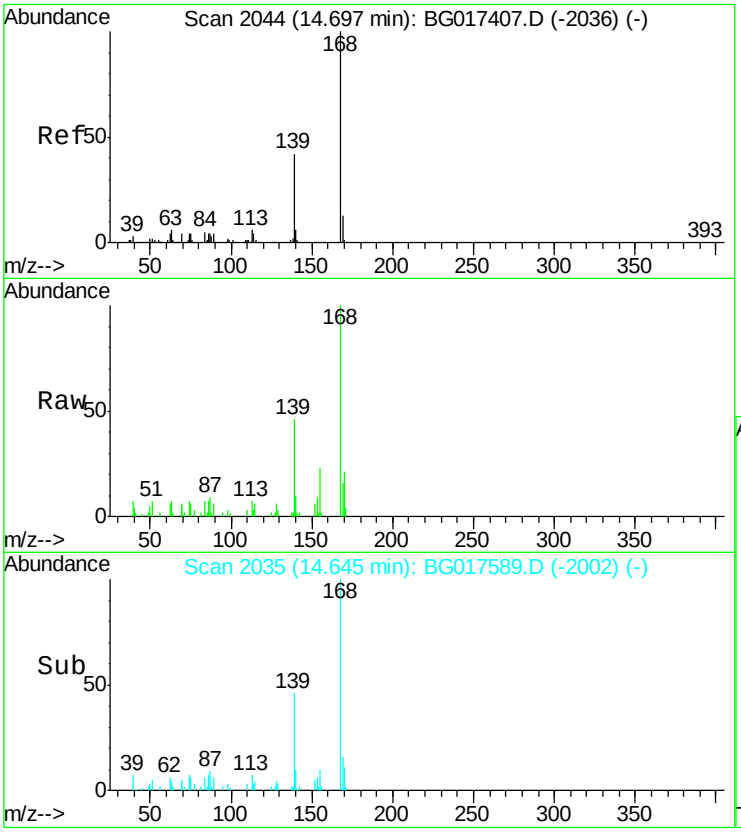


#51
Acenaphthene
Concen: 4.82 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:154 Resp: 12250

Ion	Ratio	Lower	Upper
154	100		
153	125.8	87.7	131.5
152	48.0	40.8	61.2



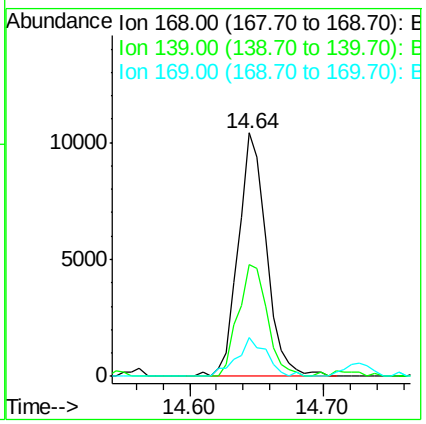


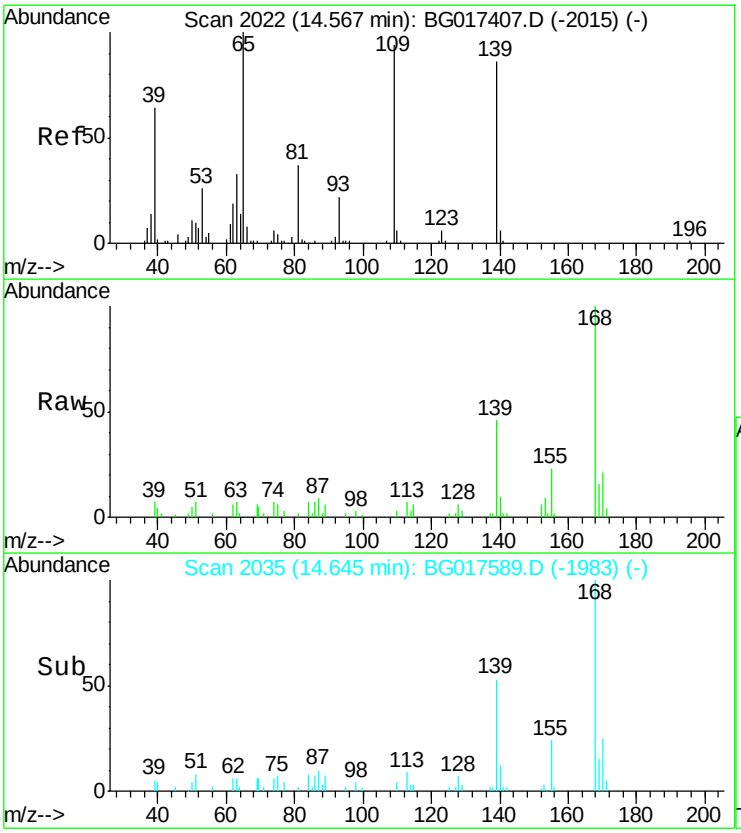
#54
Dibenzofuran
Concen: 4.04 ng
RT: 14.64 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:168 Resp: 15151

Ion	Ratio	Lower	Upper
168	100		
139	45.8	33.2	49.8
169	15.7	10.6	16.0

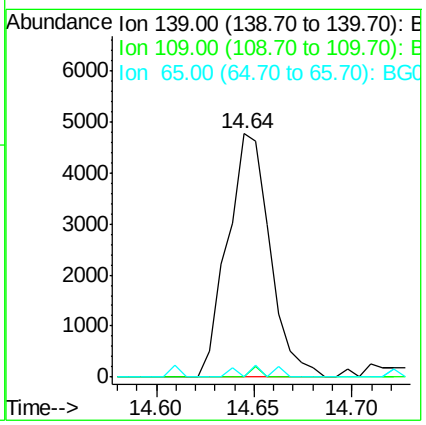


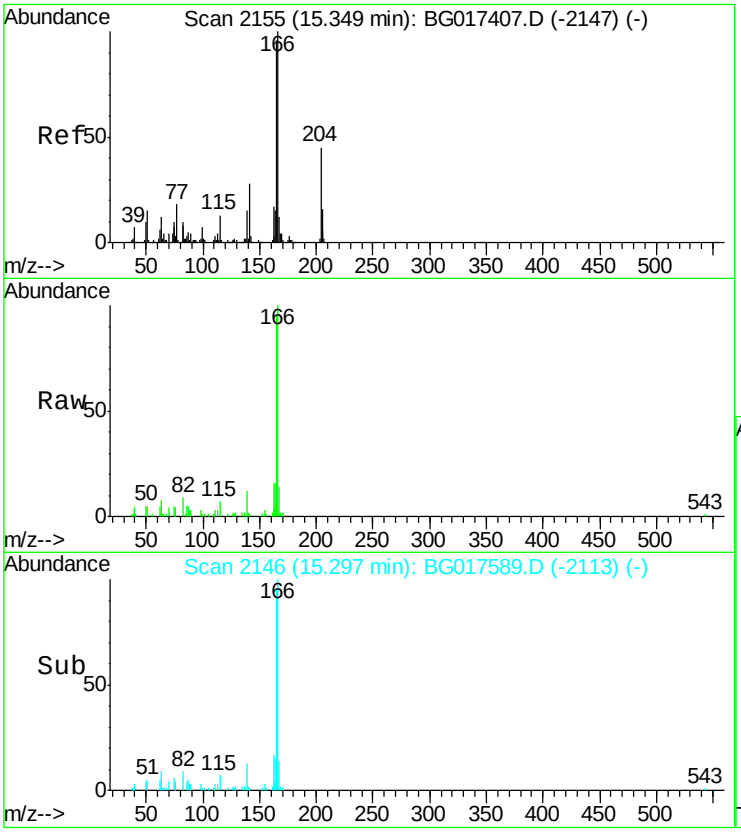


#55
4-Nitrophenol
Concen: 11.25 ng
RT: 14.64 min Scan# 2035
Delta R.T. 0.11 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:139 Resp: 7148

Ion	Ratio	Lower	Upper
139	100		
109	0.0	89.5	129.5#
65	0.0	95.9	135.9#



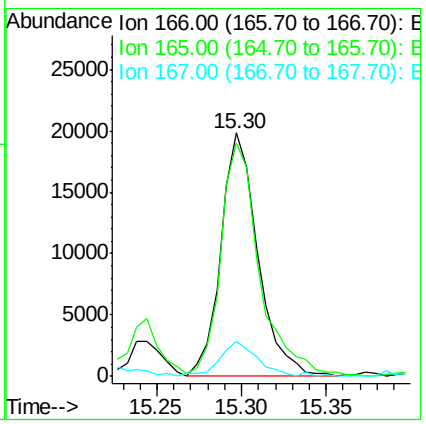


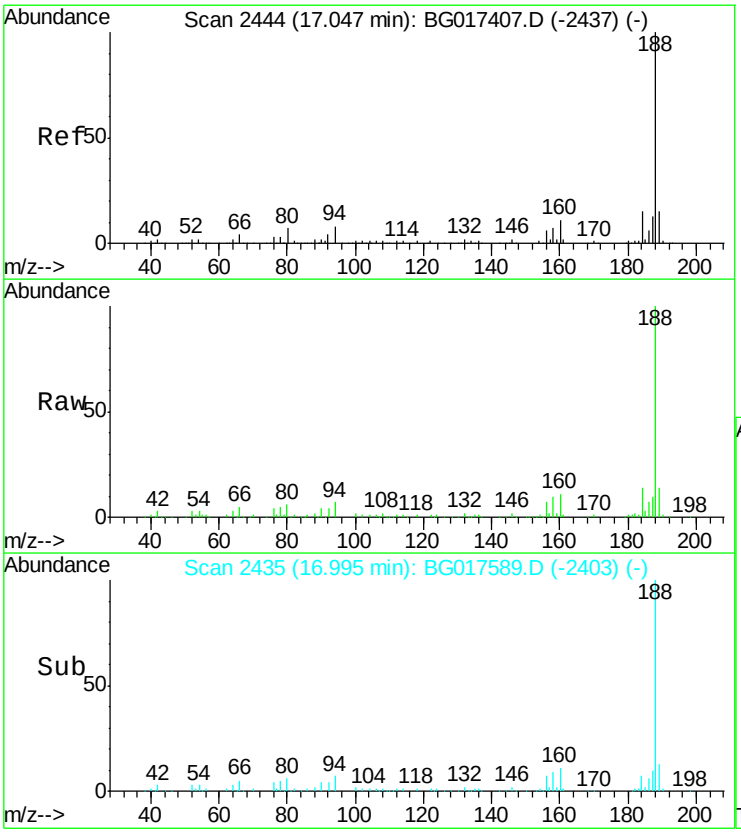
#57
Fluorene
Concen: 8.85 ng
RT: 15.30 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:166 Resp: 30118

Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.8	115.2
167	14.3	9.9	14.9

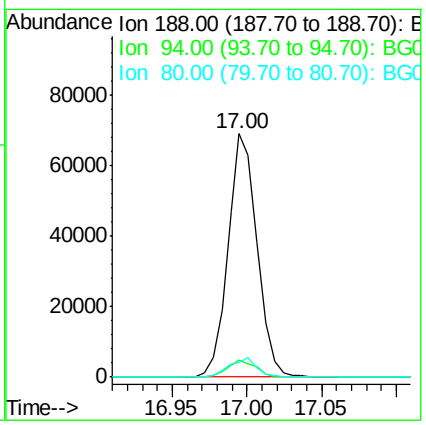


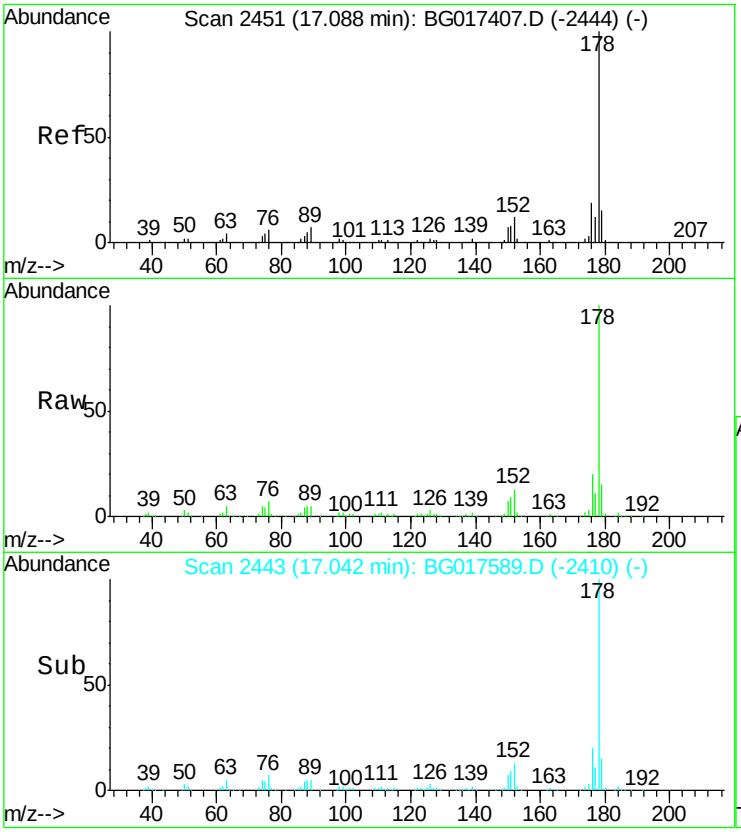


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:188 Resp: 93946

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.3	9.5
80	6.2	5.2	7.8



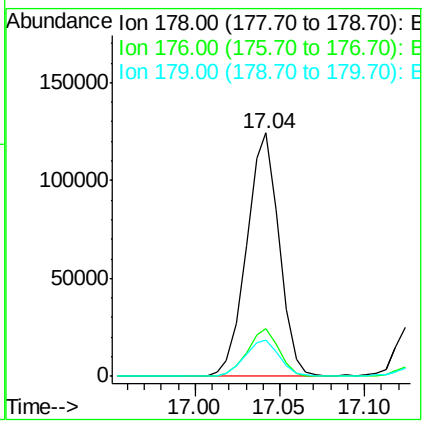


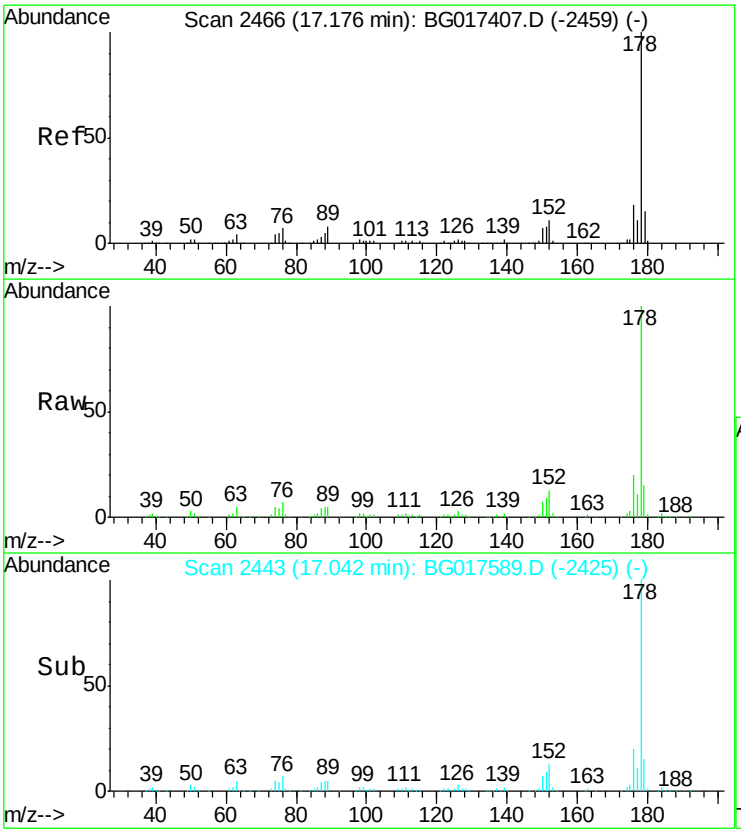
#70
Phenanthrene
Concen: 31.82 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:178 Resp: 166695

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.1	12.2	18.2

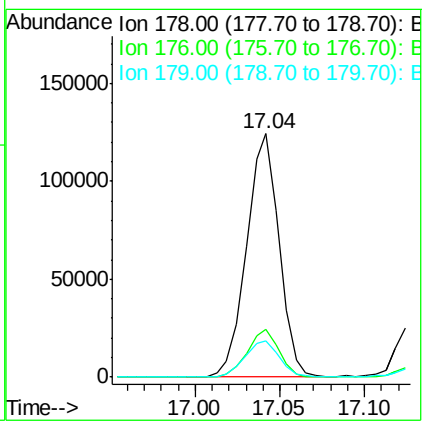


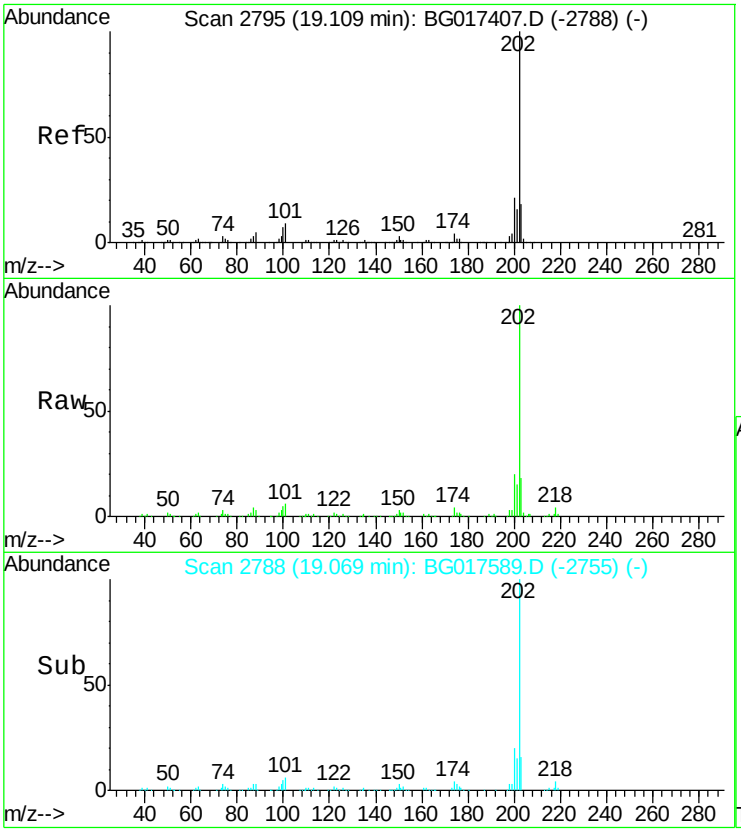


#71
Anthracene
Concen: 31.86 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.09 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:178 Resp: 166695

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.2	21.2
179	15.1	12.2	18.4



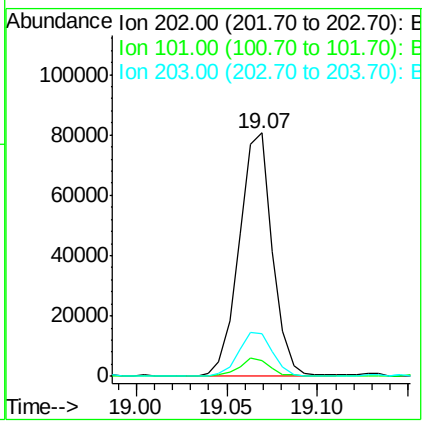


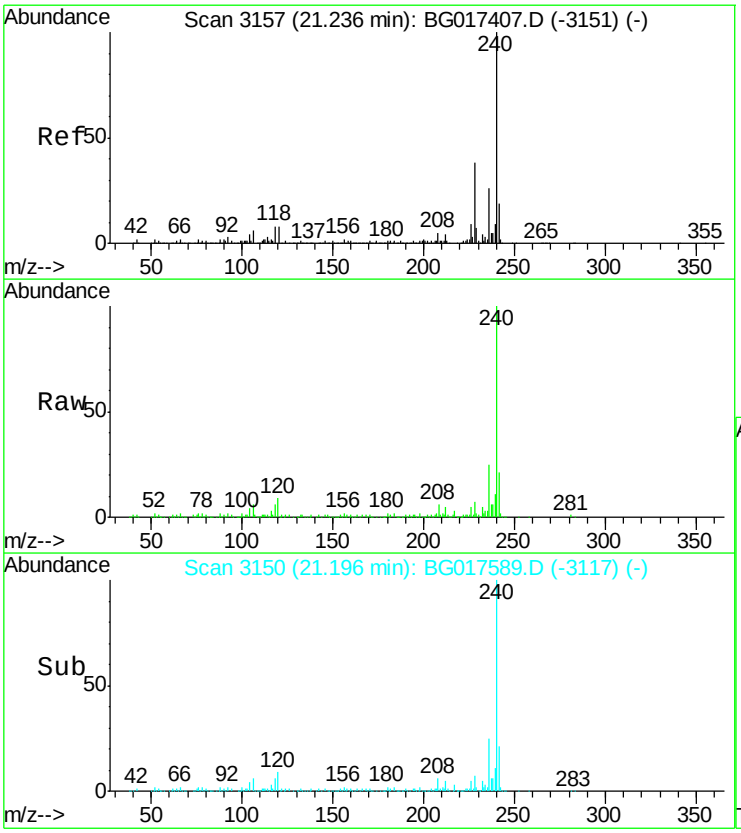
#74
Fluoranthene
Concen: 15.02 ng
RT: 19.07 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:202 Resp: 102883

Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	28.8
203	17.6	0.0	37.6

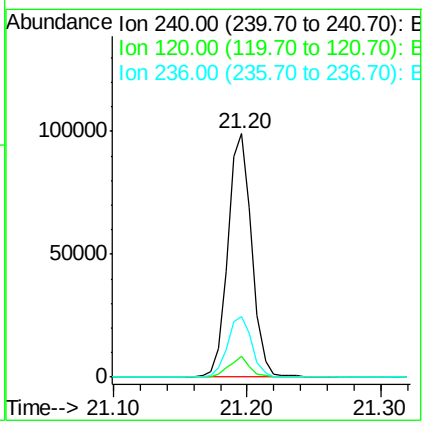


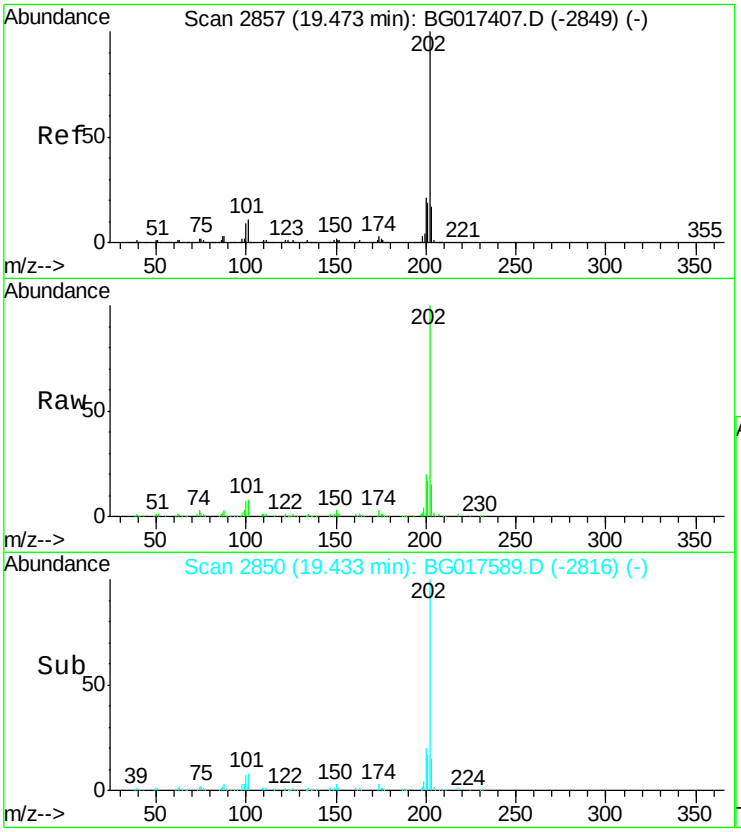


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:240 Resp: 123920

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.5	9.7
236	25.0	20.8	31.2



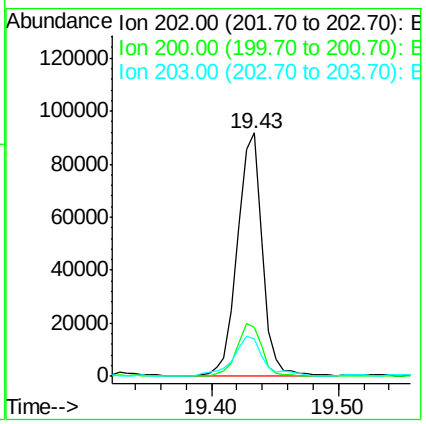


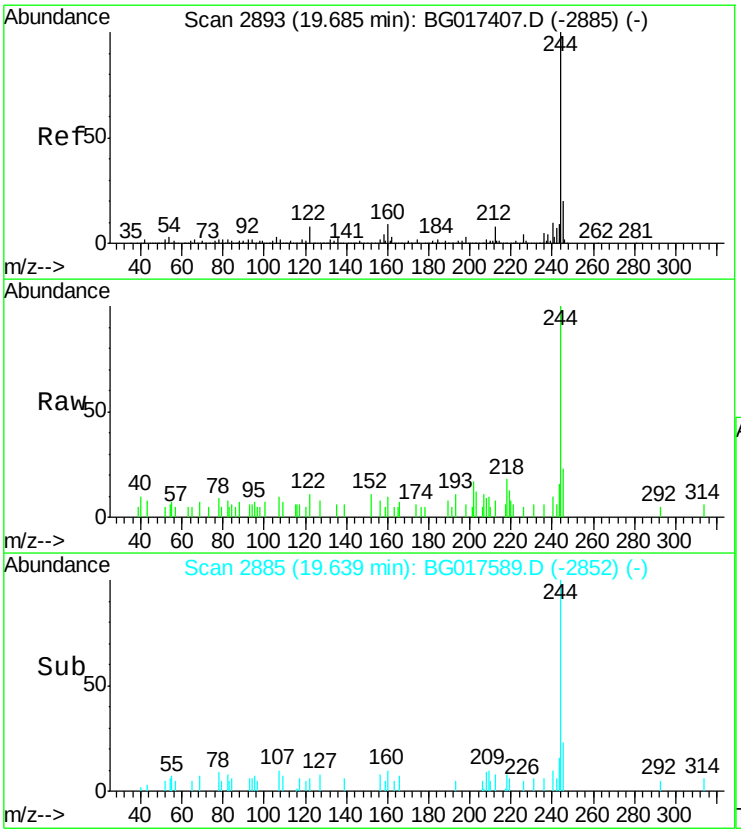
#77
Pyrene
Concen: 16.17 ng
RT: 19.43 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:202 Resp: 123421

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	15.4	13.9	20.9

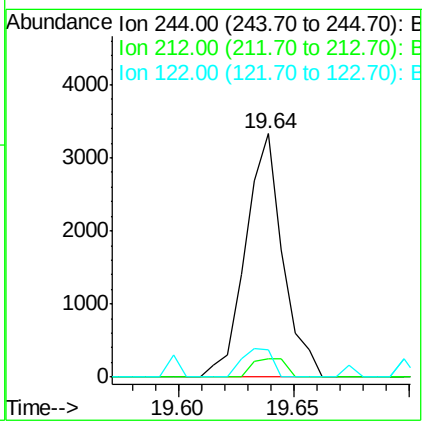


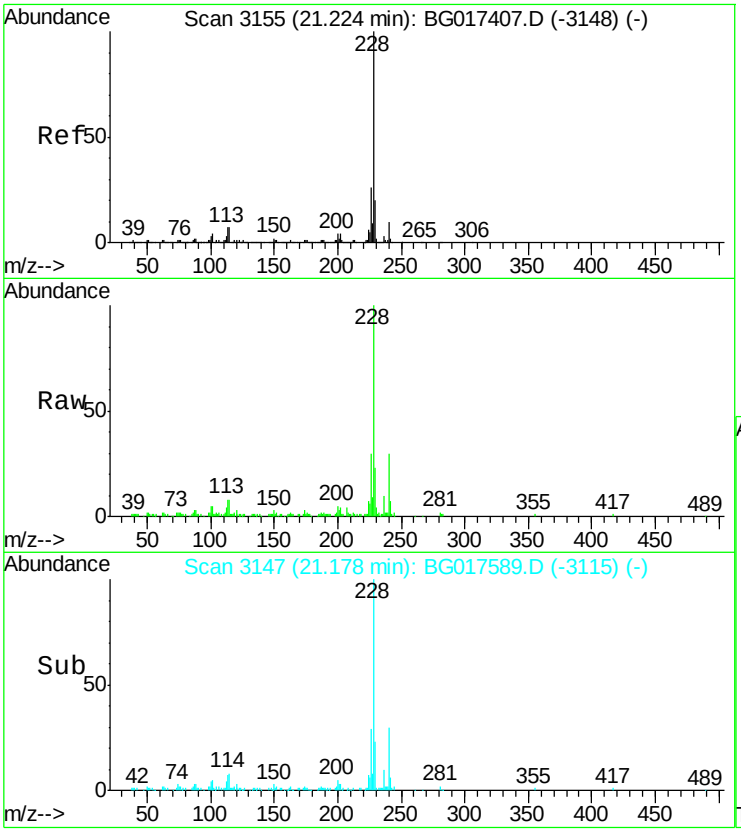


#78
Terphenyl-d14
Concen: 0.62 ng
RT: 19.64 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:244 Resp: 3746

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	11.2	6.6	10.0#



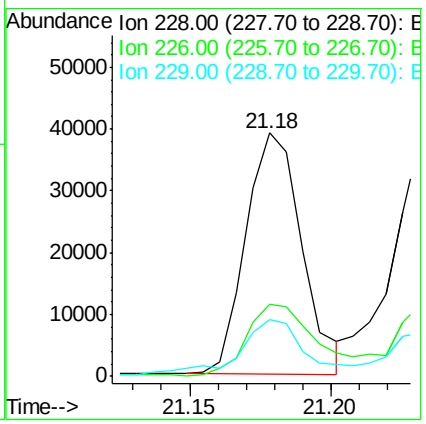


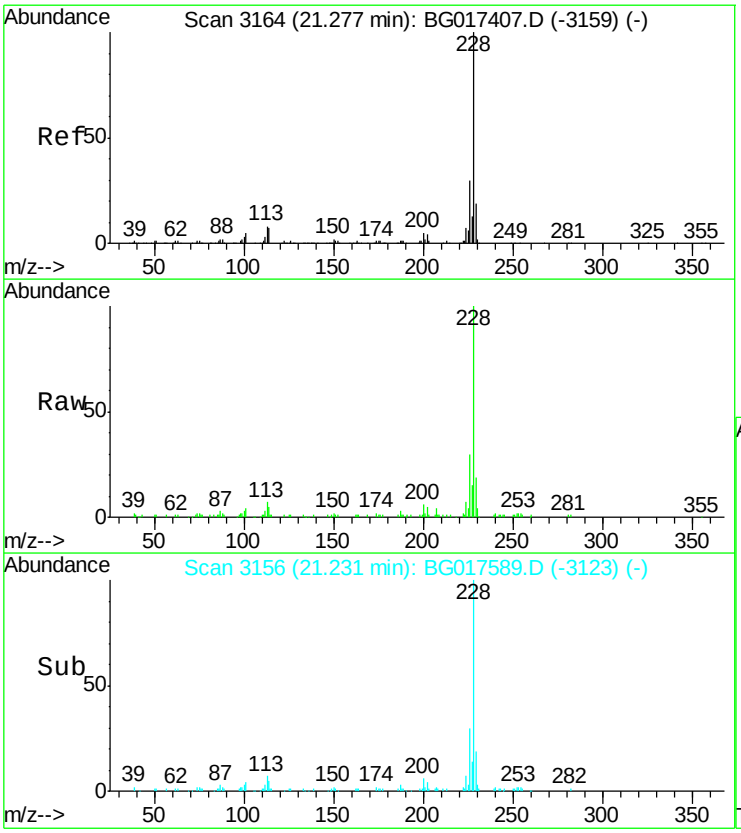
#80
Benzo(a)anthracene
Concen: 7.04 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:228 Resp: 53631

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.0	31.6
229	23.3	15.7	23.5

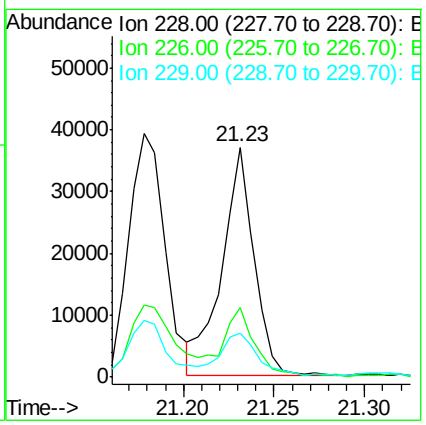


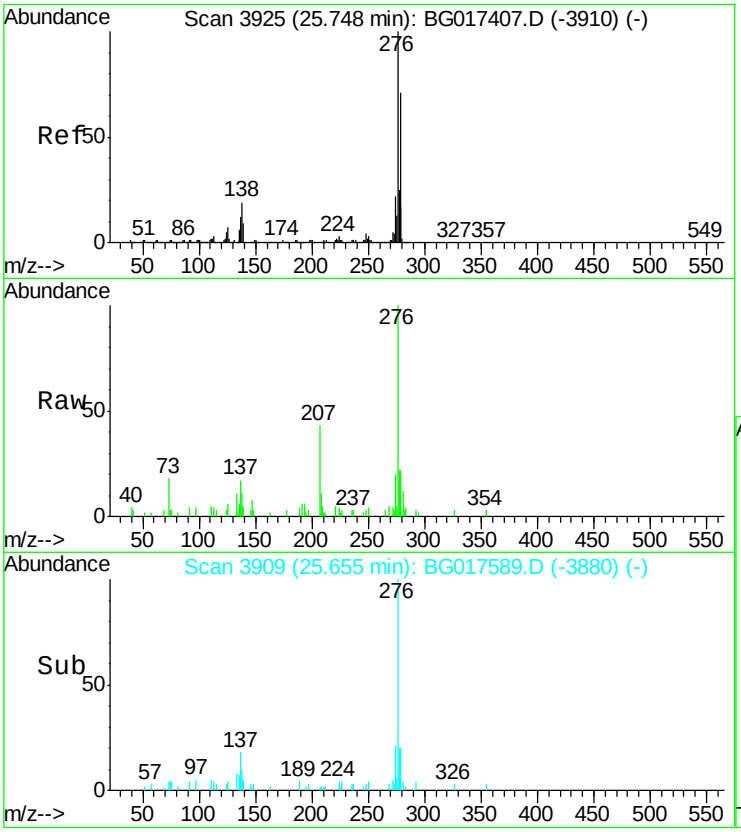


#82
Chrysene
Concen: 6.65 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:228 Resp: 45890

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	19.0	15.2	22.8



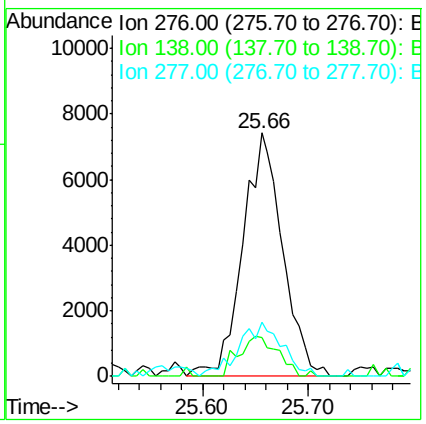


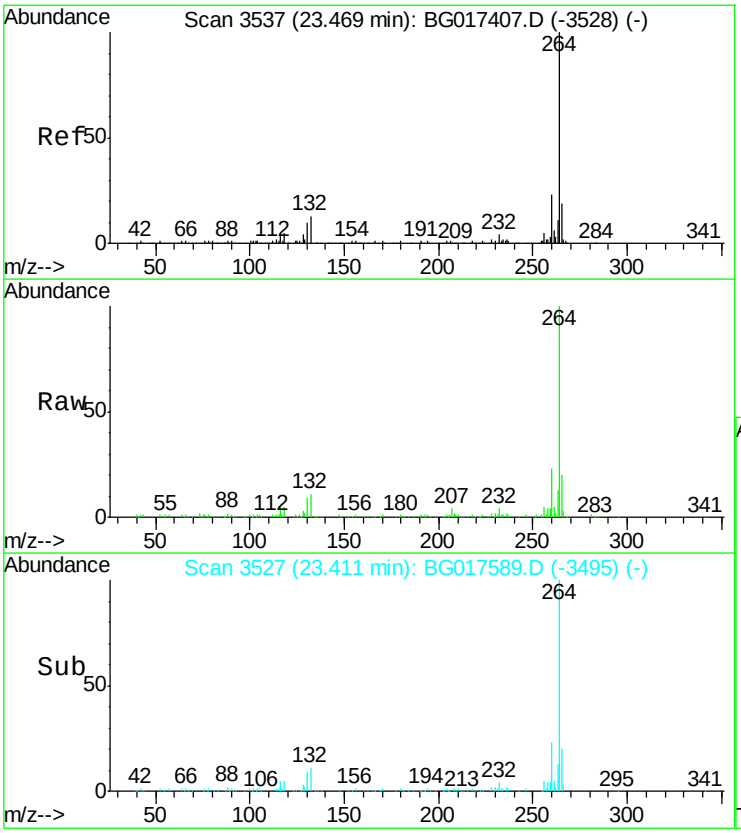
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.23 ng
RT: 25.66 min Scan# 3909
Delta R.T. -0.03 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:276 Resp: 19341

Ion	Ratio	Lower	Upper
276	100		
138	16.0	15.4	23.0
277	24.2	20.5	30.7

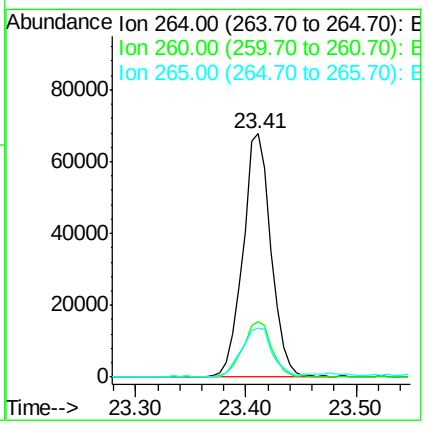


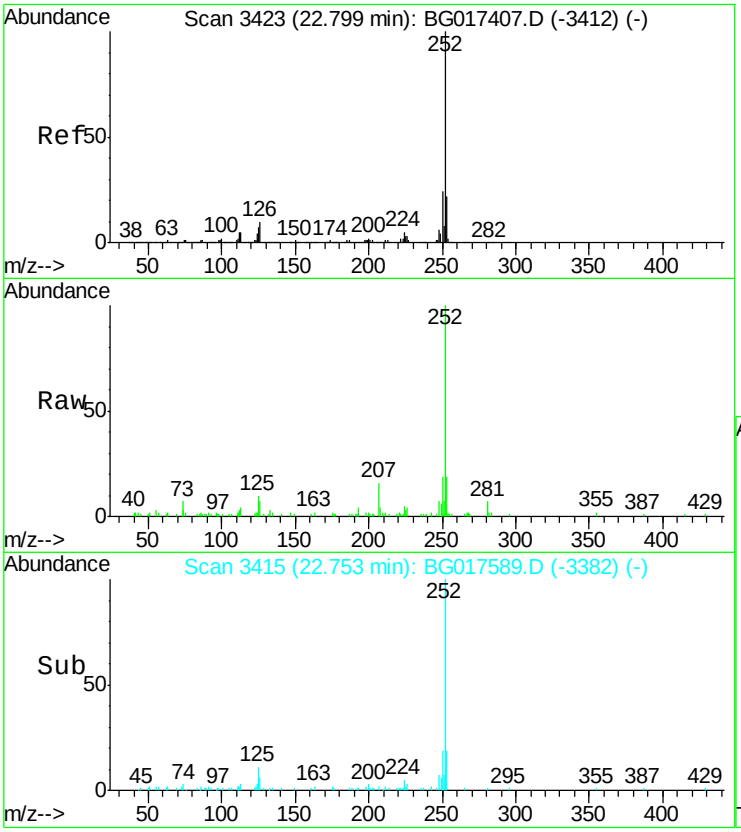


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:264 Resp: 121161

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.4	15.8	23.6



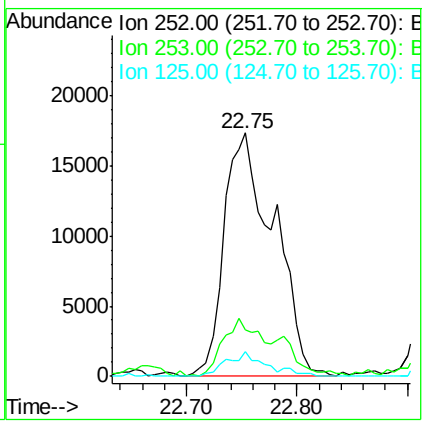


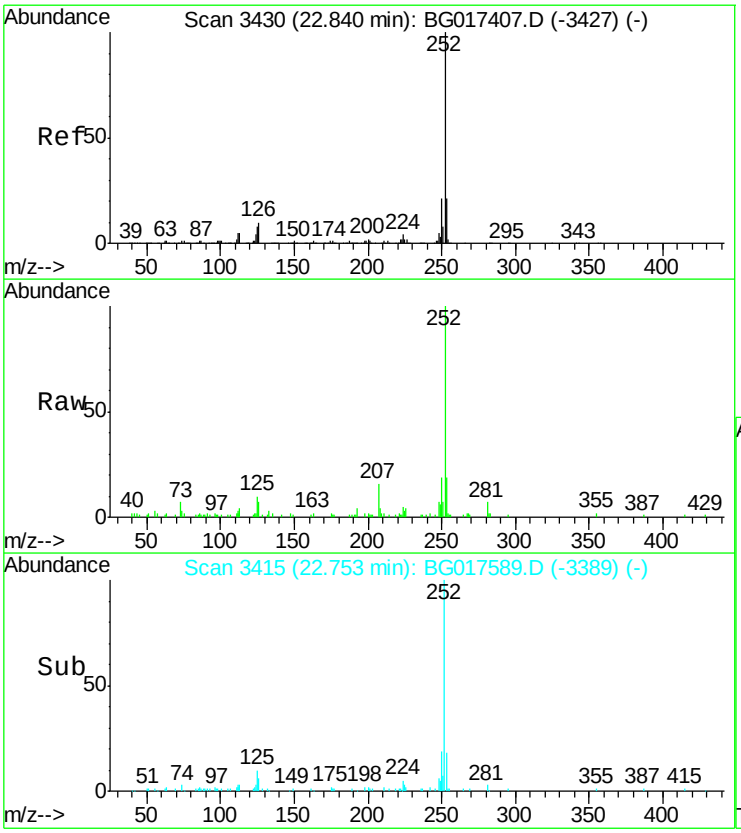
#87
Benzo(b)fluoranthene
Concen: 7.13 ng
RT: 22.75 min Scan# 3415
Delta R.T. -0.01 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:252 Resp: 54741

Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.4	26.2
125	10.4	5.8	8.8#

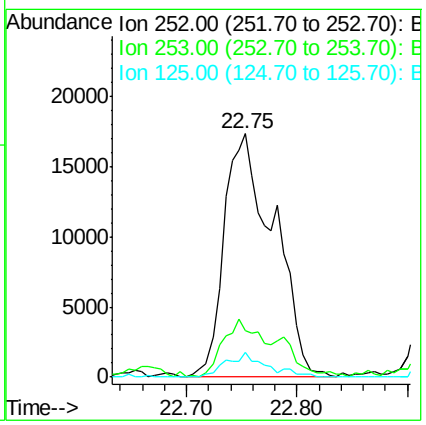


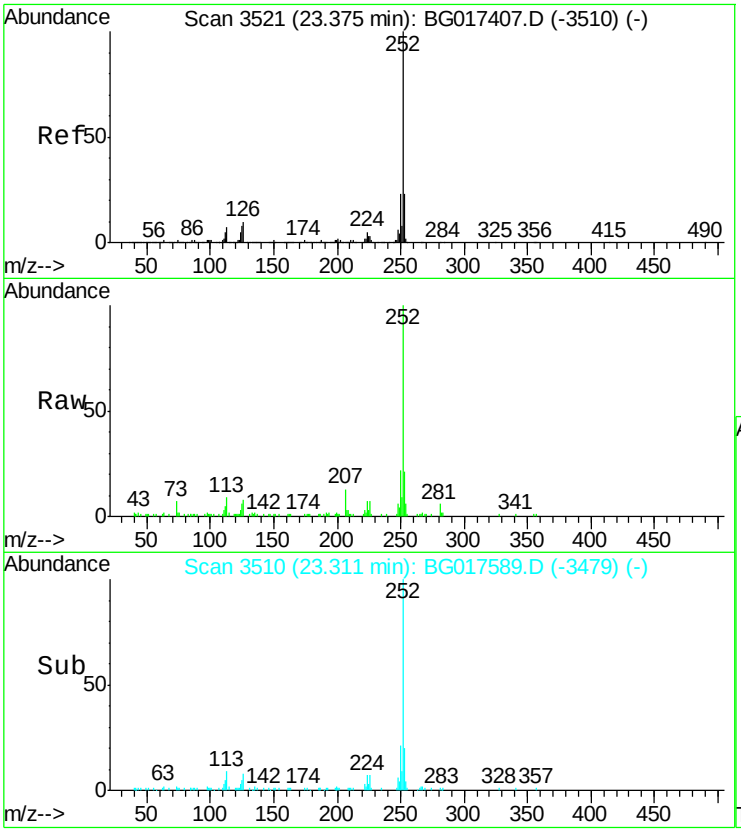


#88
Benzo(k)fluoranthene
Concen: 7.45 ng
RT: 22.75 min Scan# 3415
Delta R.T. -0.05 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:252 Resp: 54741

Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.7	26.5
125	10.4	6.5	9.7#



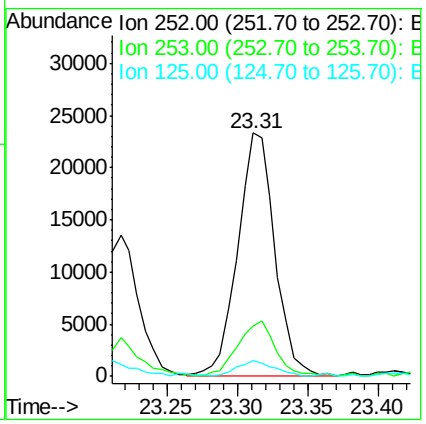


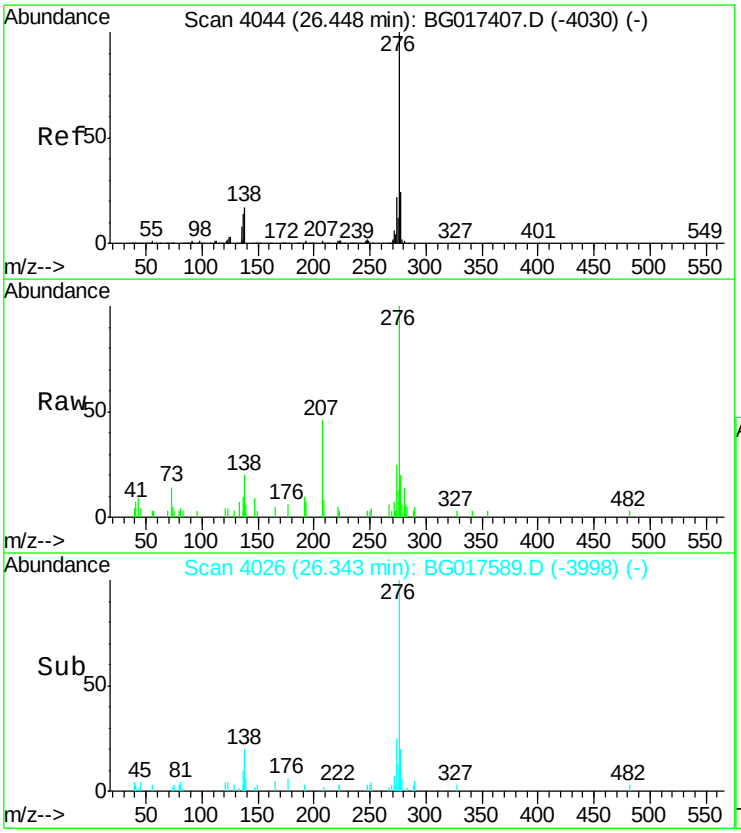
#89
Benzo(a)pyrene
Concen: 6.08 ng
RT: 23.31 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Instrument :
BNA_G
ClientSampleId :
FD-1-20150603DL2

Tgt Ion:252 Resp: 42832

Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.1	27.1
125	6.2	6.5	9.7#





#91
Benzo(g,h,i)perylene
Concen: 2.69 ng
RT: 26.34 min Scan# 4026
Delta R.T. -0.04 min
Lab File: BG017589.D
Acq: 10 Jun 2015 2:06

Tgt Ion:276 Resp: 18749

Ion	Ratio	Lower	Upper
276	100		
277	20.1	19.2	28.8
138	26.6	13.5	20.3#