Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060815\
Data File : BG017565.D
Acq On : 9 Jun 2015 8:22
Operator : TP/IZ
Sample : G2429-10DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TS16.4(3)DL

Quant Time: Jun 09 11:01:16 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	19644	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	81646	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	53096	20.00	ng		-0.01
63) Phenanthrene-d10	17.02	188	107329	20.00	ng		-0.02
75) Chrysene-d12	21.22	240	120897	20.00	ng		-0.02
86) Perylene-d12	23.45	264	119635	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	21514	19.30	ng		0.00
7) Phenol-d6	6.82	99	28429	18.72	ng		0.00
23) Nitrobenzene-d5	8.77	82	21525	13.16	ng		0.00
41) 2,4,6-Tribromophenol	15.77	330	11097	15.05	ng		-0.01
44) 2-Fluorobiphenyl	12.89	172	42479	12.07	ng		-0.01
78) Terphenyl-d14	19.66	244	58746	10.04	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	13.73	163	19878	4.30	ng	#	92
51) Acenaphthene	14.34	154	12219	3.63	ng		97
54) Dibenzofuran	14.67	168	18703	3.76	ng		97
55) 4-Nitrophenol	14.67	139	7526	9.10	ng	#	1
57) Fluorene	15.33	166	18376	4.08	ng		99
70) Phenanthrene	17.06	178	311566	52.06	ng		98
71) Anthracene	17.16	178	73558	12.30	ng		99
72) Carbazole	17.43	167	28267	4.79	ng	#	90
74) Fluoranthene	19.09	202	387021	49.46	ng		99
77) Pyrene	19.46	202	297515	39.95	ng		98
80) Benzo(a)anthracene	21.21	228	152867	20.56	ng		99
82) Chrysene	21.25	228	127205	18.89	ng		96
85) Indeno(1,2,3-cd)pyrene	25.72	276	53214	6.29	ng		92
87) Benzo(b)fluoranthene	22.78	252	211729	27.93	ng		96
88) Benzo(k)fluoranthene	22.78	252	211729	29.18	ng		97
89) Benzo(a)pyrene	23.26	252	65534	9.43	ng		94
91) Benzo(g,h,i)perylene	26.42	276	44841	6.52	ng	#	92

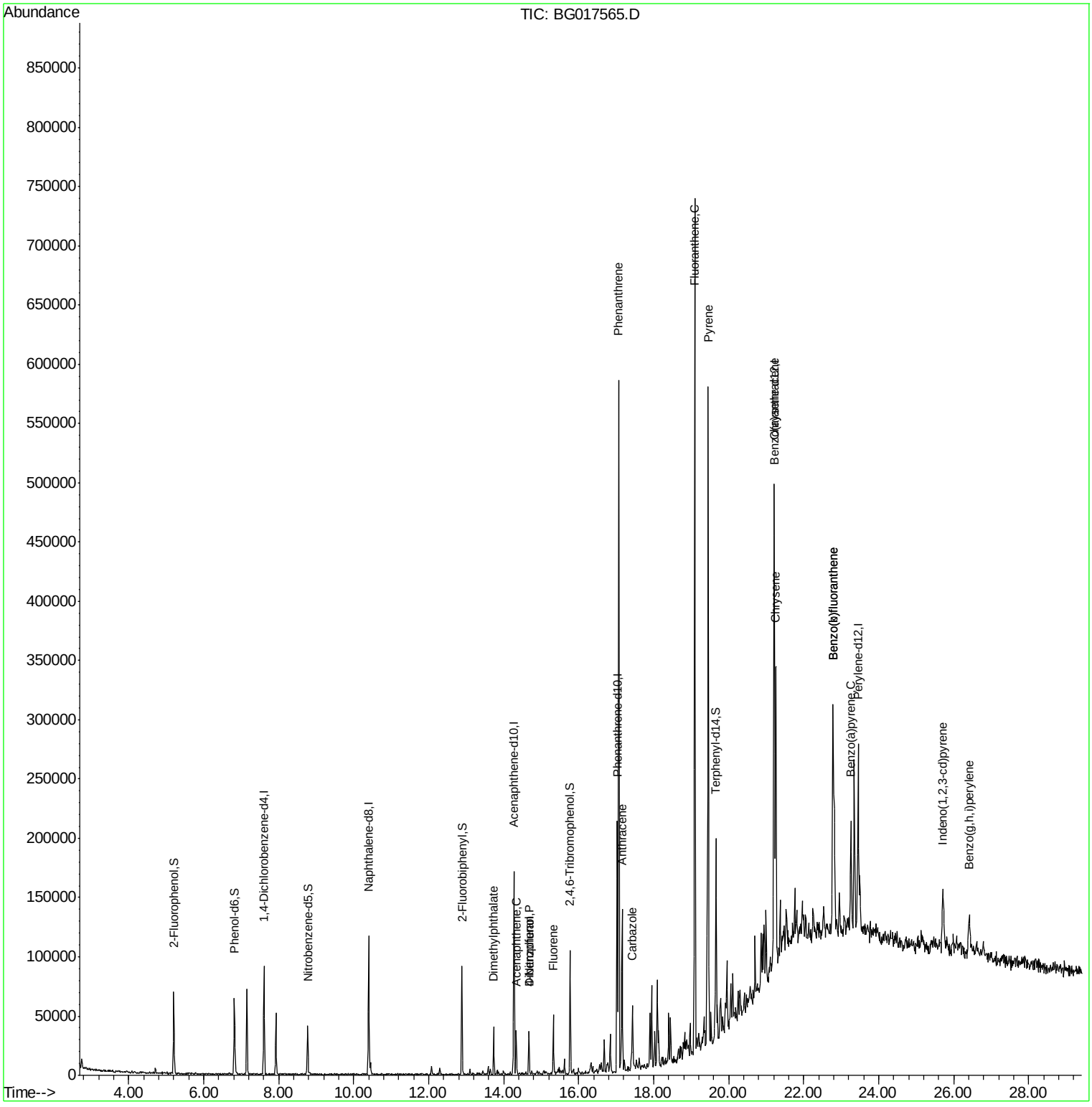
(#) = qualifier out of range (m) = manual integration (+) = signals summed

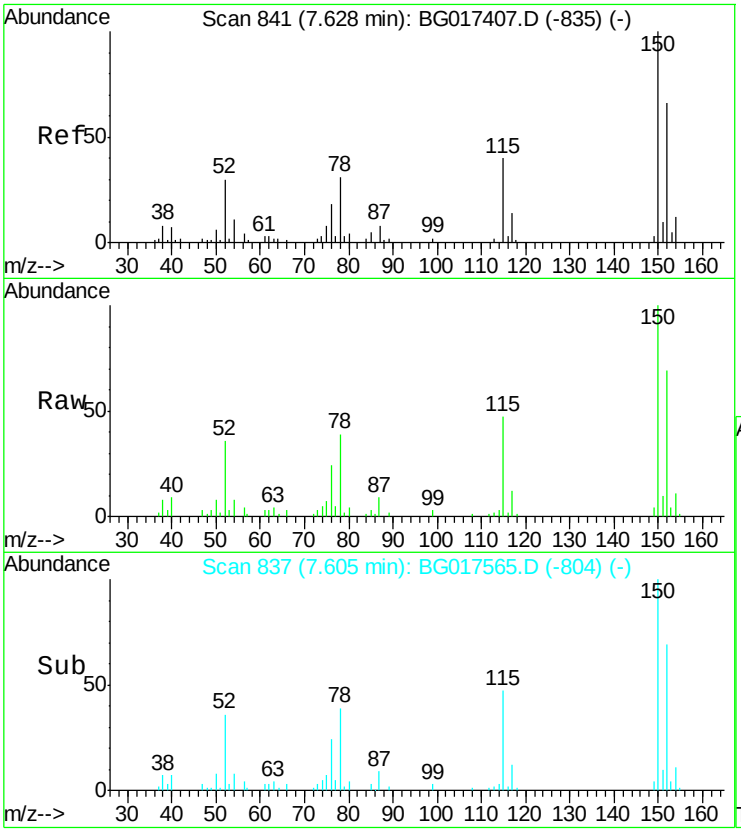
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060815\
Data File : BG017565.D
Acq On : 9 Jun 2015 8:22
Operator : TP/IZ
Sample : G2429-10DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TS16.4(3)DL

Quant Time: Jun 09 11:01:16 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



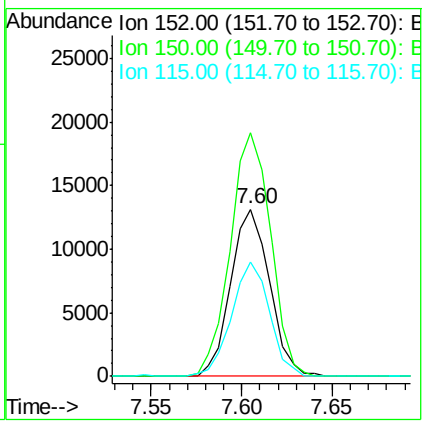


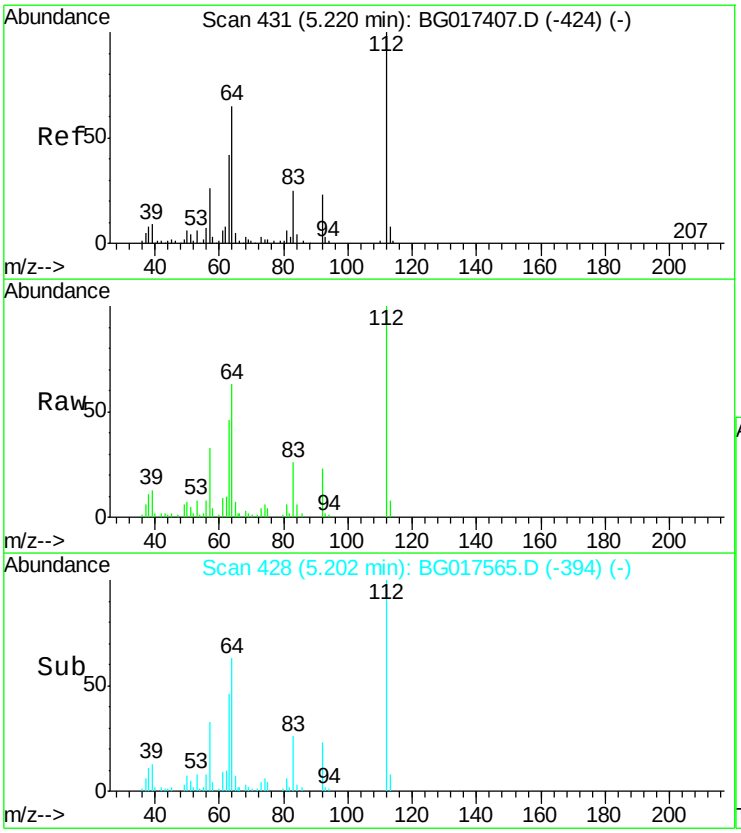
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:152 Resp: 19644

Ion	Ratio	Lower	Upper
152	100		
150	145.7	121.7	182.5
115	68.5	48.6	73.0

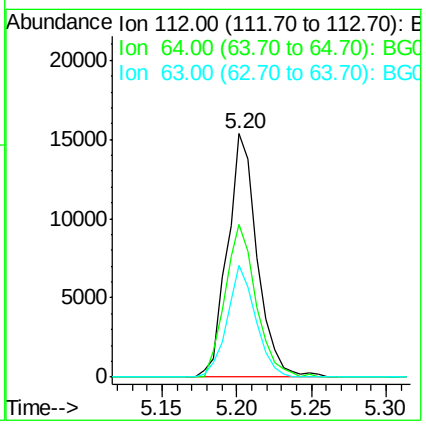


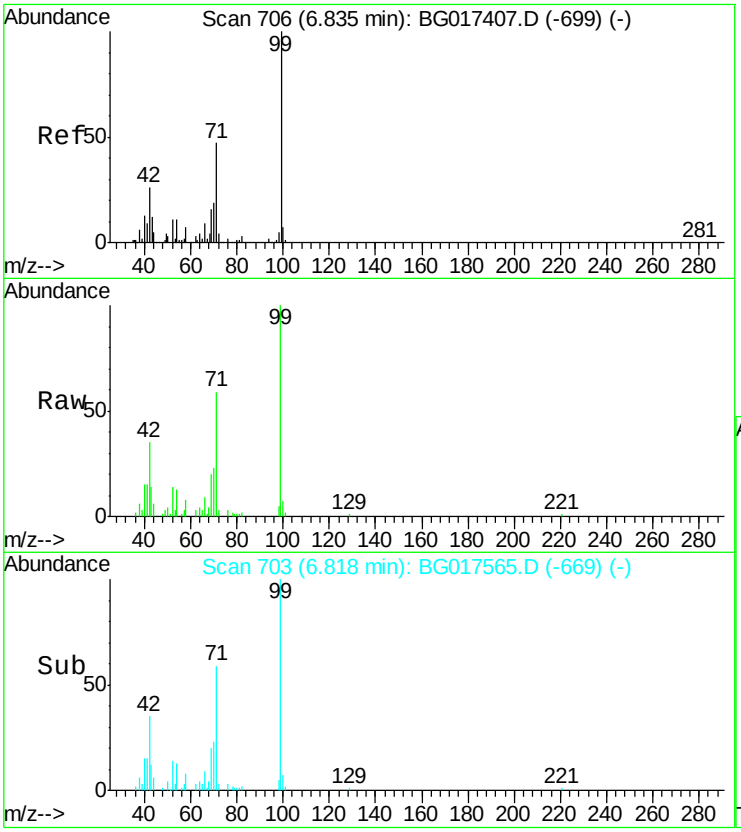


#5
2-Fluorophenol
Concen: 19.30 ng
RT: 5.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:112 Resp: 21514

Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.6	77.4
63	46.1	33.3	49.9



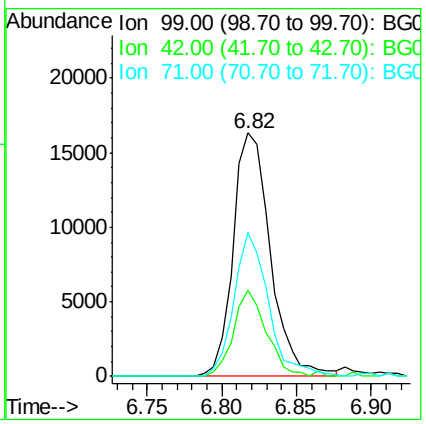


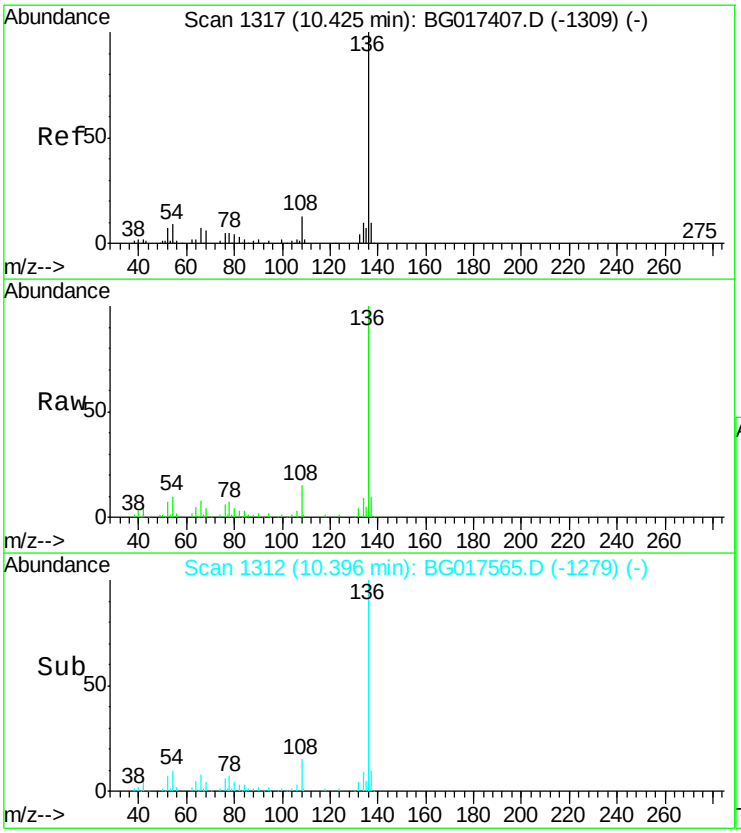
#7
Phenol-d6
Concen: 18.72 ng
RT: 6.82 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion: 99 Resp: 28429

Ion	Ratio	Lower	Upper
99	100		
42	35.3	21.0	31.6#
71	59.3	37.2	55.8#

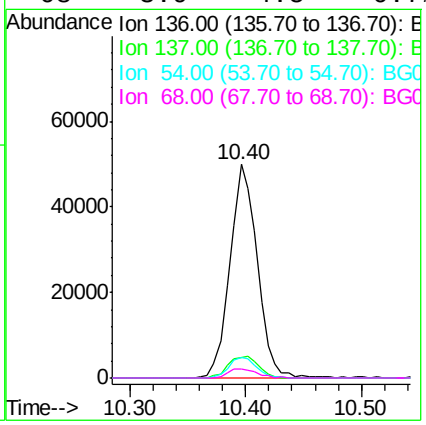


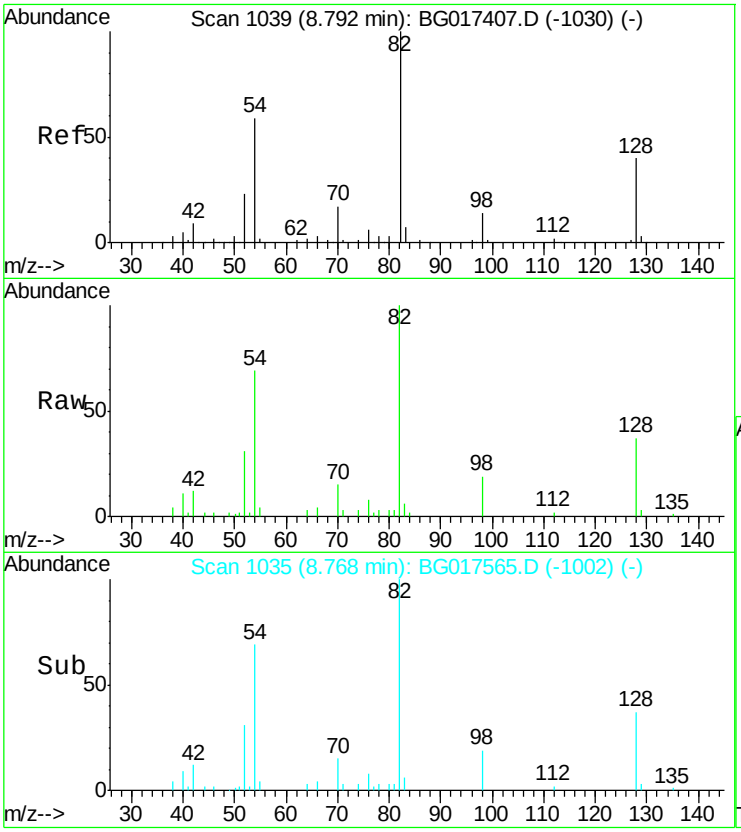


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.40 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:136 Resp: 81646

Ion	Ratio	Lower	Upper
136	100		
137	9.5	7.9	11.9
54	9.9	7.2	10.8
68	3.9	4.5	6.7#



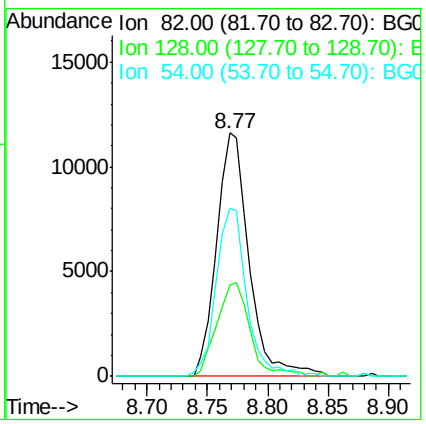


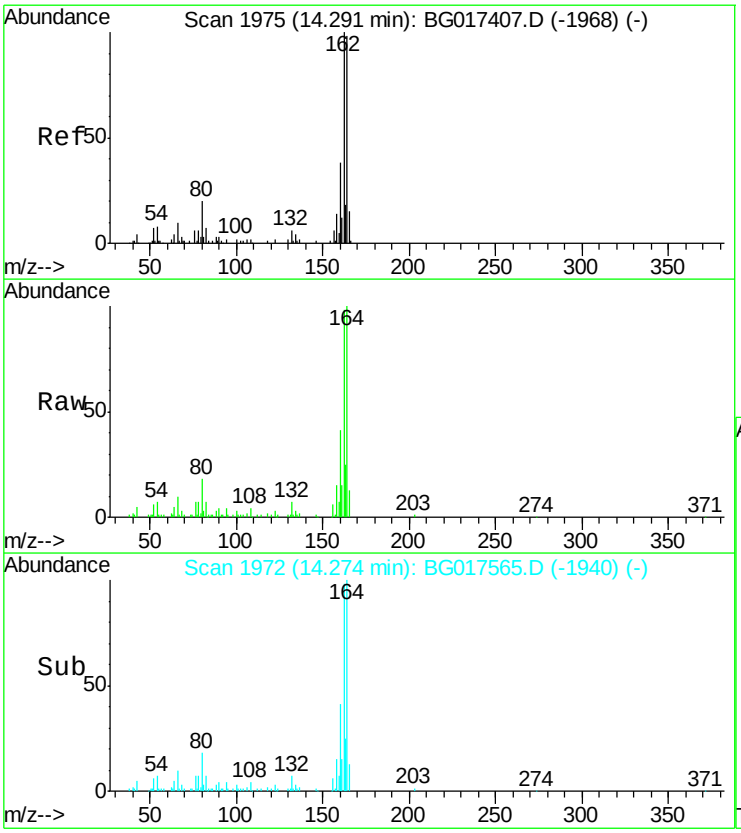
#23
Nitrobenzene-d5
Concen: 13.16 ng
RT: 8.77 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion: 82 Resp: 21525

Ion	Ratio	Lower	Upper
82	100		
128	37.3	32.2	48.4
54	68.8	47.4	71.2

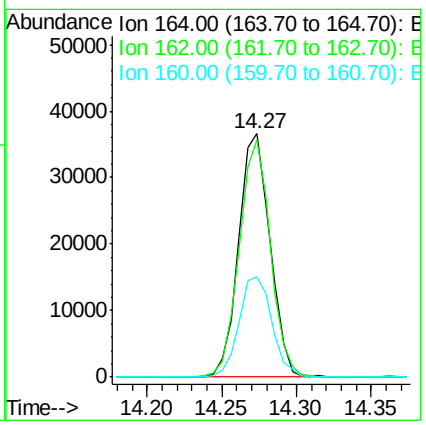


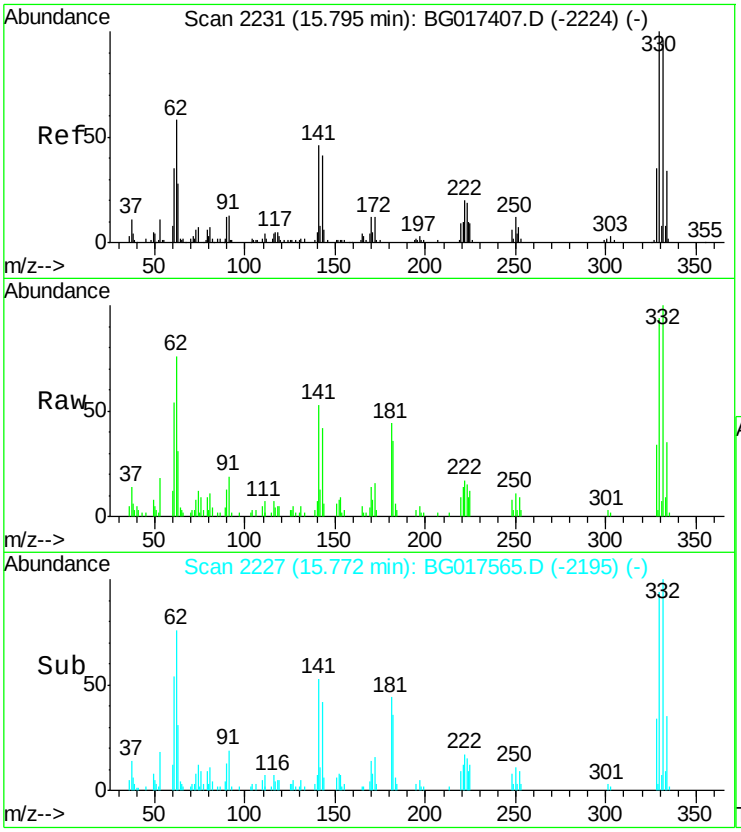


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.27 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:164 Resp: 53096

Ion	Ratio	Lower	Upper
164	100		
162	97.6	81.8	122.6
160	41.0	31.0	46.4



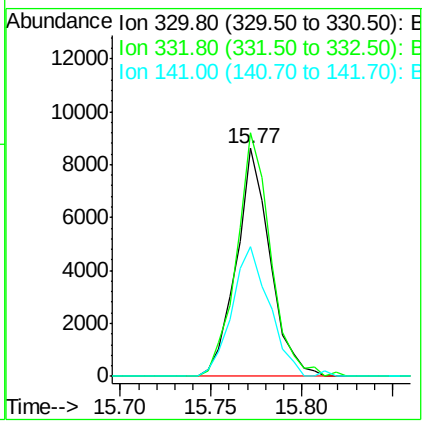


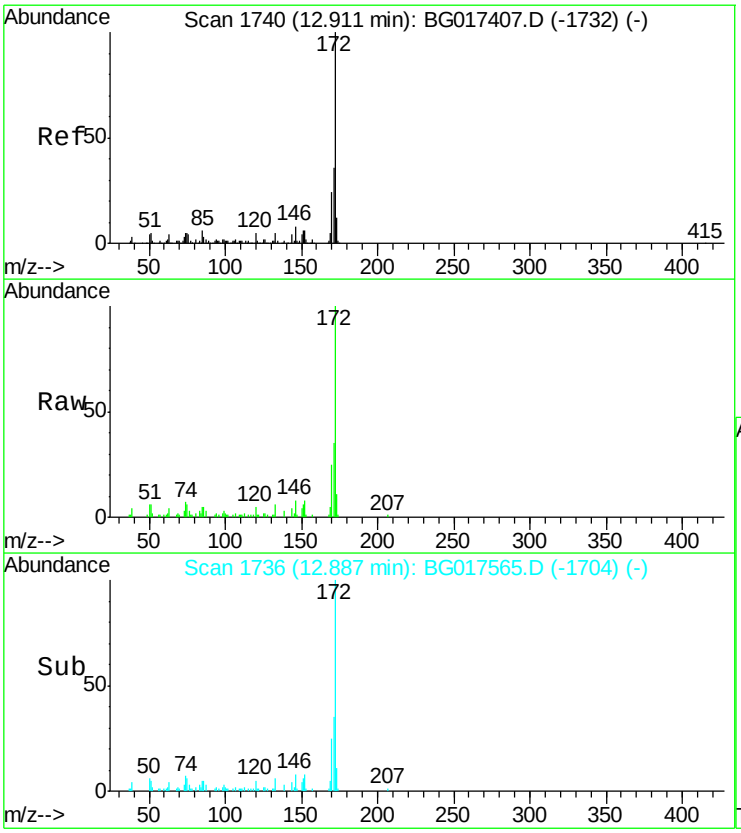
#41
2,4,6-Tribromophenol
Concen: 15.05 ng
RT: 15.77 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:330 Resp: 11097

Ion	Ratio	Lower	Upper
330	100		
332	107.8	75.9	113.9
141	62.8	40.2	60.4#

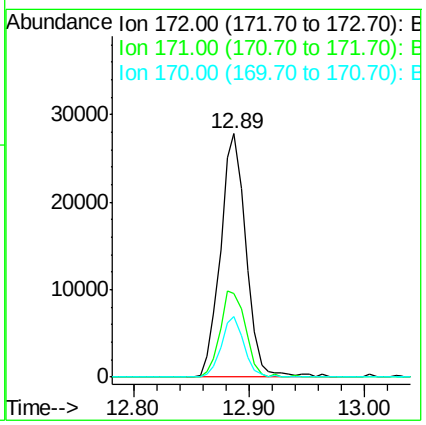


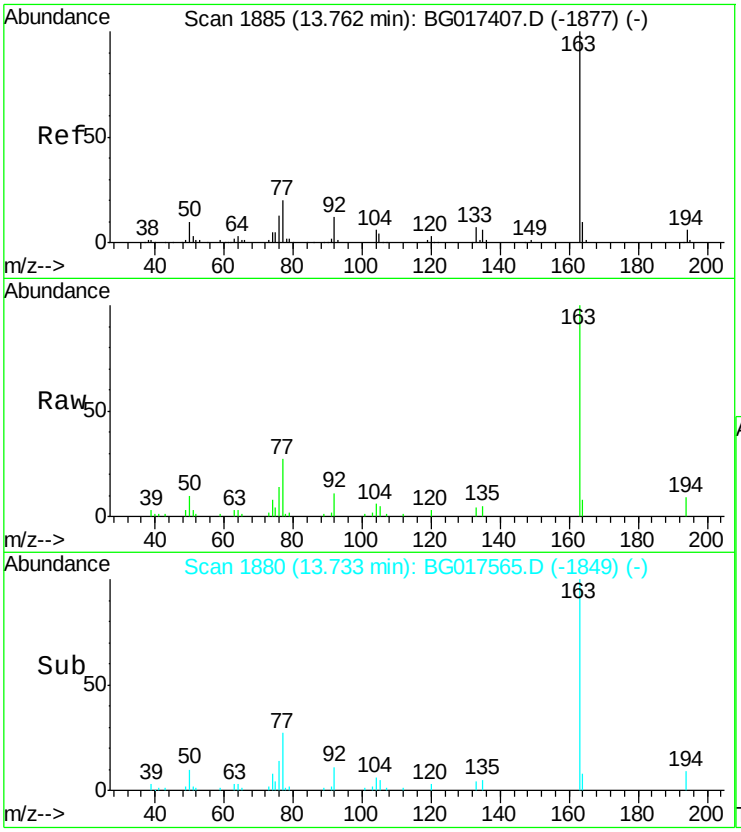


#44
2-Fluorobiphenyl
Concen: 12.07 ng
RT: 12.89 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:172 Resp: 42479

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.6
170	24.7	18.9	28.3



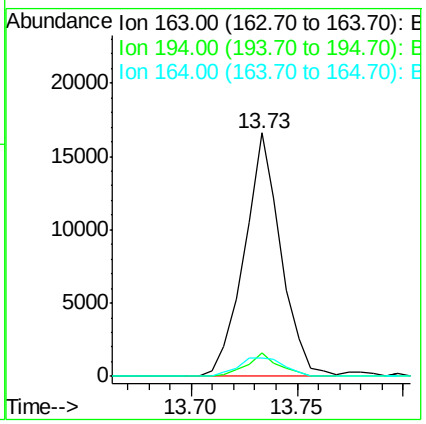


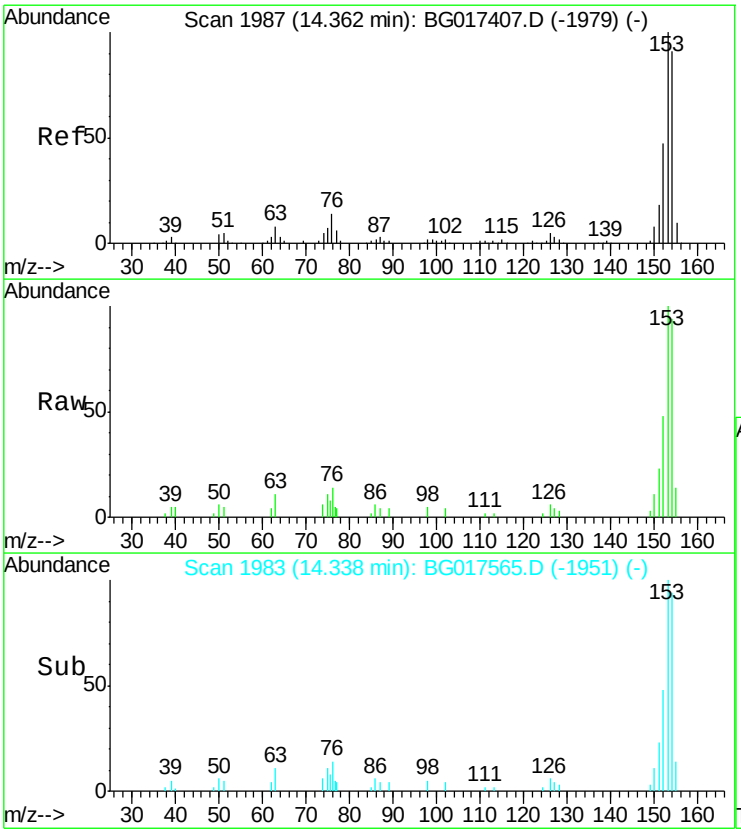
#49
Dimethylphthalate
Concen: 4.30 ng
RT: 13.73 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:163 Resp: 19878

Ion	Ratio	Lower	Upper
163	100		
194	9.4	4.9	7.3#
164	7.6	8.2	12.2#

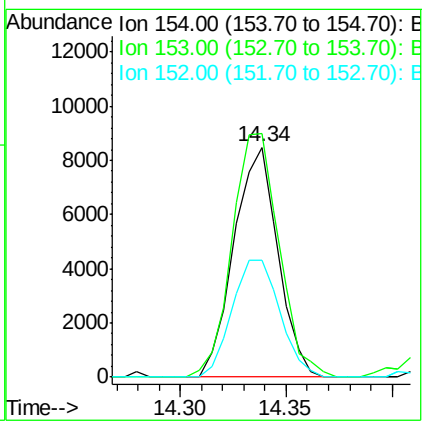


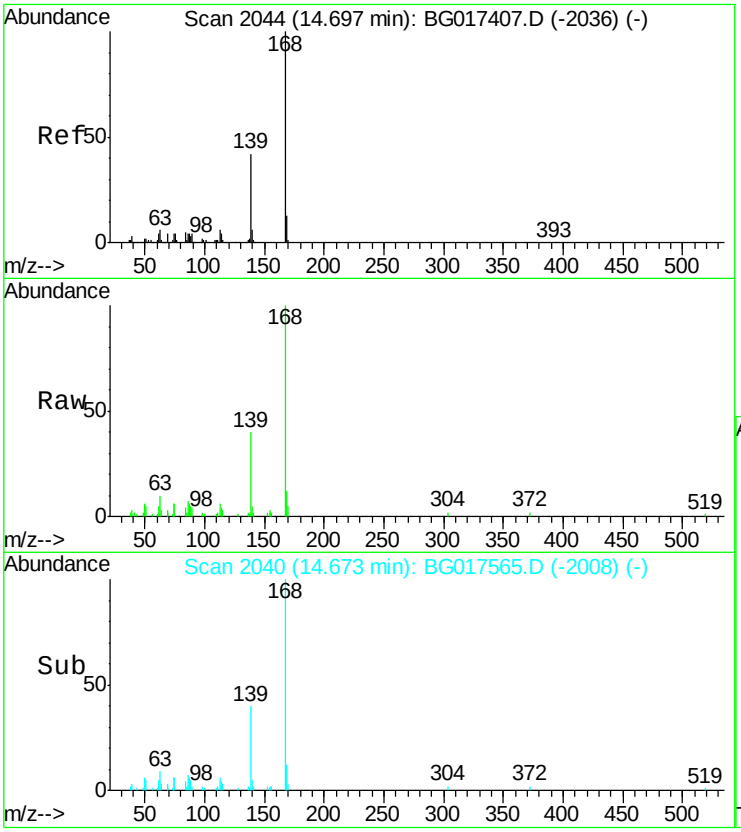


#51
Acenaphthene
Concen: 3.63 ng
RT: 14.34 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:154 Resp: 12219

Ion	Ratio	Lower	Upper
154	100		
153	105.8	87.7	131.5
152	50.7	40.8	61.2



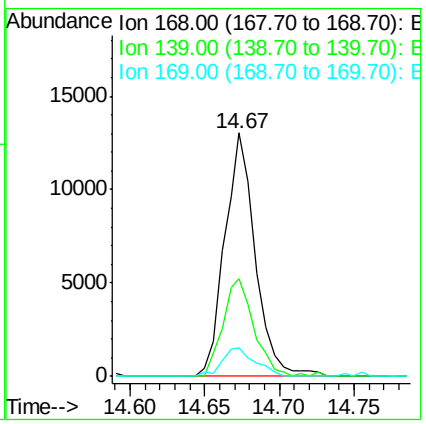


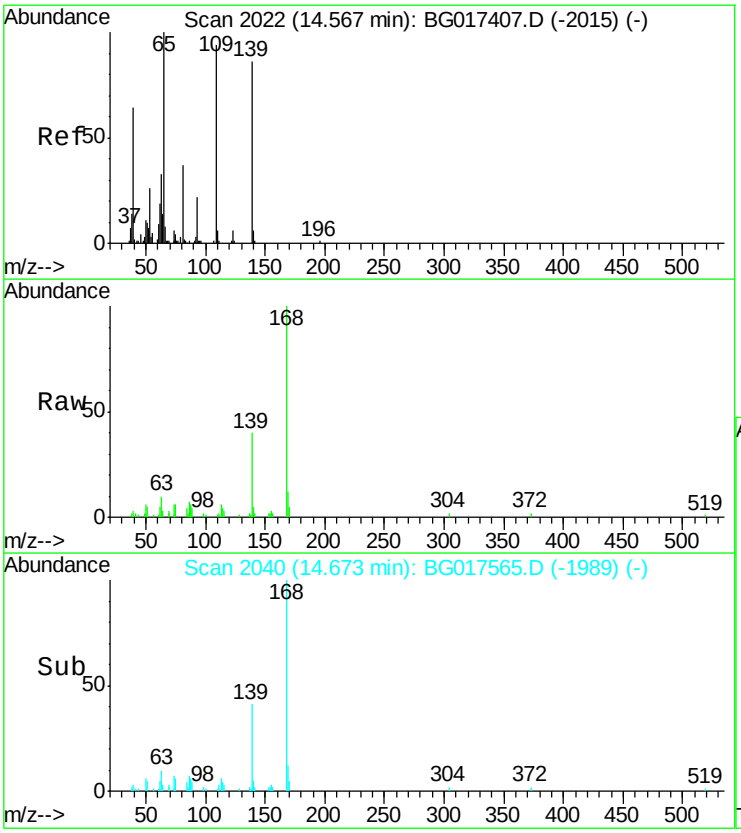
#54
Dibenzofuran
Concen: 3.76 ng
RT: 14.67 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:168 Resp: 18703

Ion	Ratio	Lower	Upper
168	100		
139	40.1	33.2	49.8
169	12.0	10.6	16.0

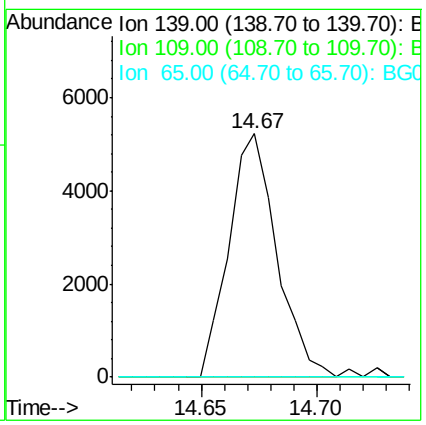


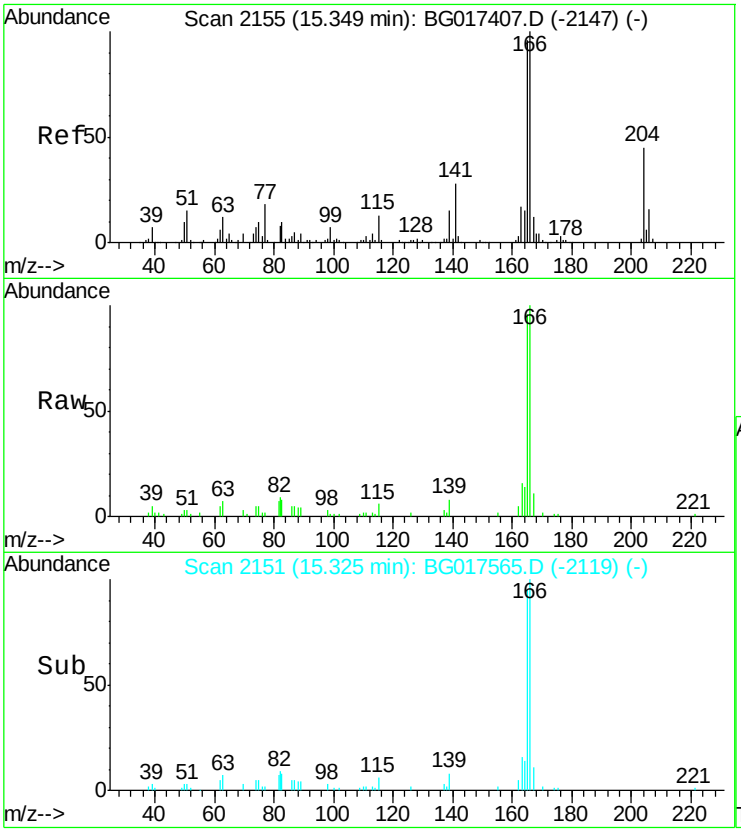


#55
4-Nitrophenol
Concen: 9.10 ng
RT: 14.67 min Scan# 2040
Delta R.T. 0.10 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:139 Resp: 7526

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



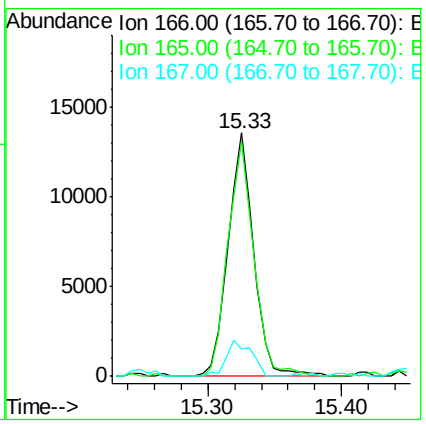


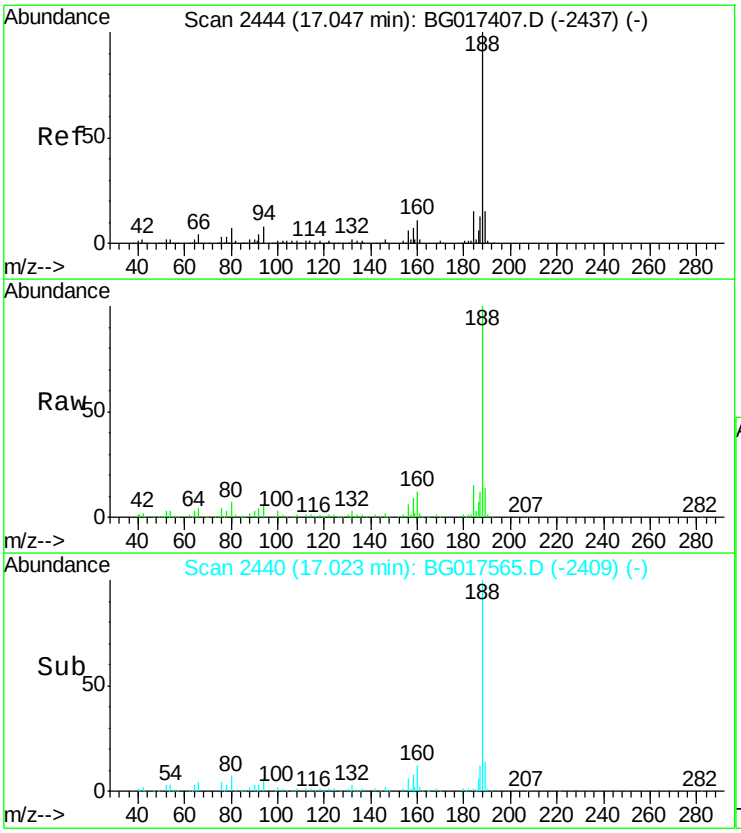
#57
Fluorene
Concen: 4.08 ng
RT: 15.33 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:166 Resp: 18376

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.8	115.2
167	11.2	9.9	14.9

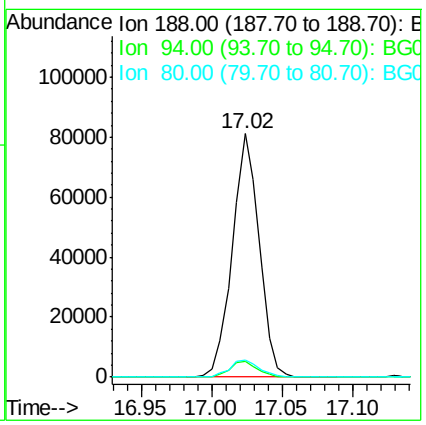


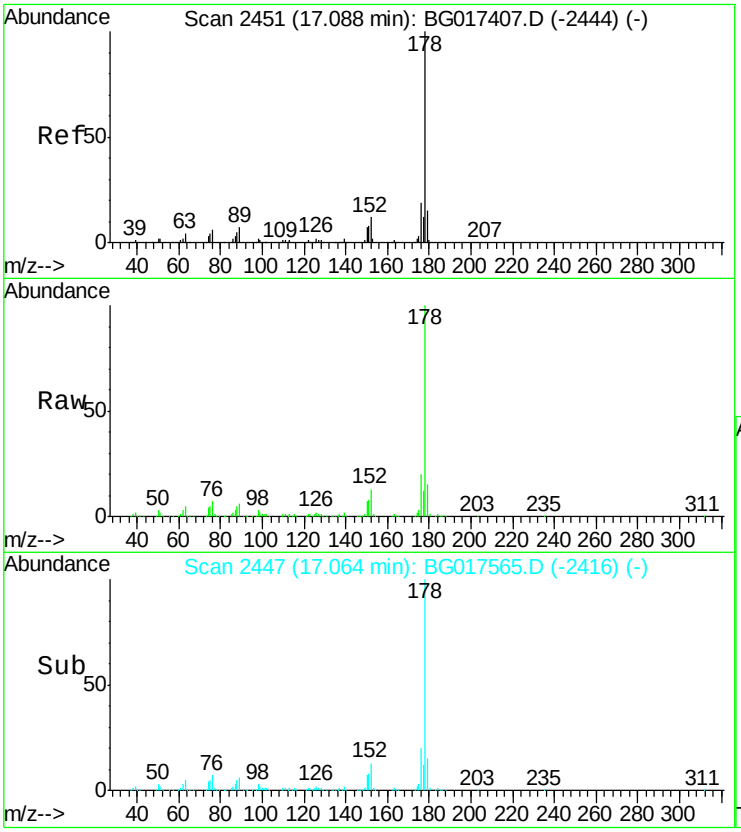


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:188 Resp: 107329

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.3	9.5
80	7.0	5.2	7.8



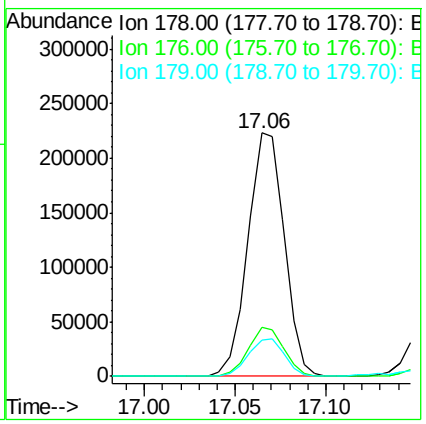


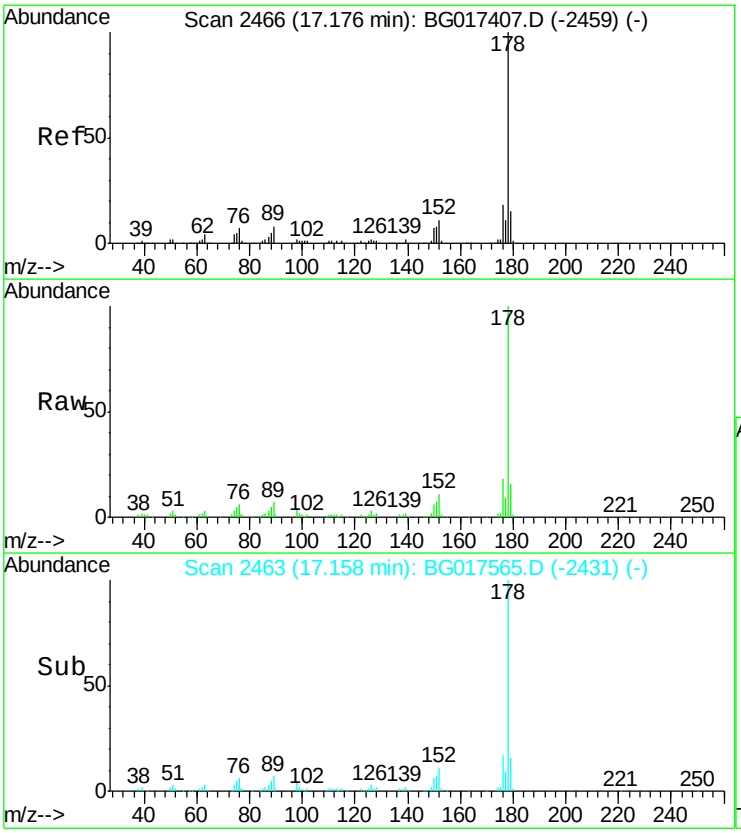
#70
Phenanthrene
Concen: 52.06 ng
RT: 17.06 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:178 Resp: 311566

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.6	23.4
179	14.7	12.2	18.2

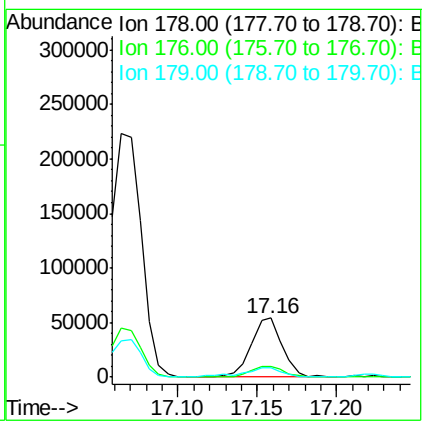


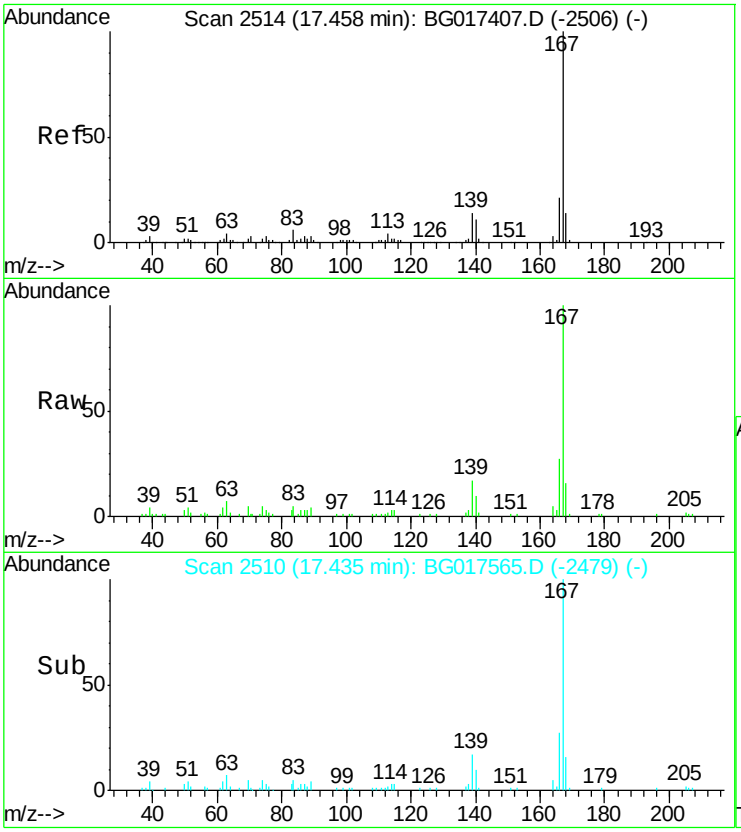


#71
Anthracene
Concen: 12.30 ng
RT: 17.16 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:178 Resp: 73558

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.2	21.2
179	16.4	12.2	18.4



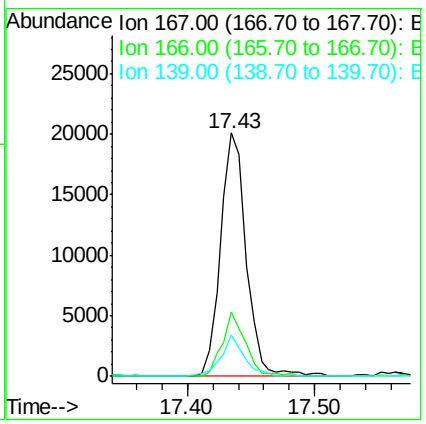


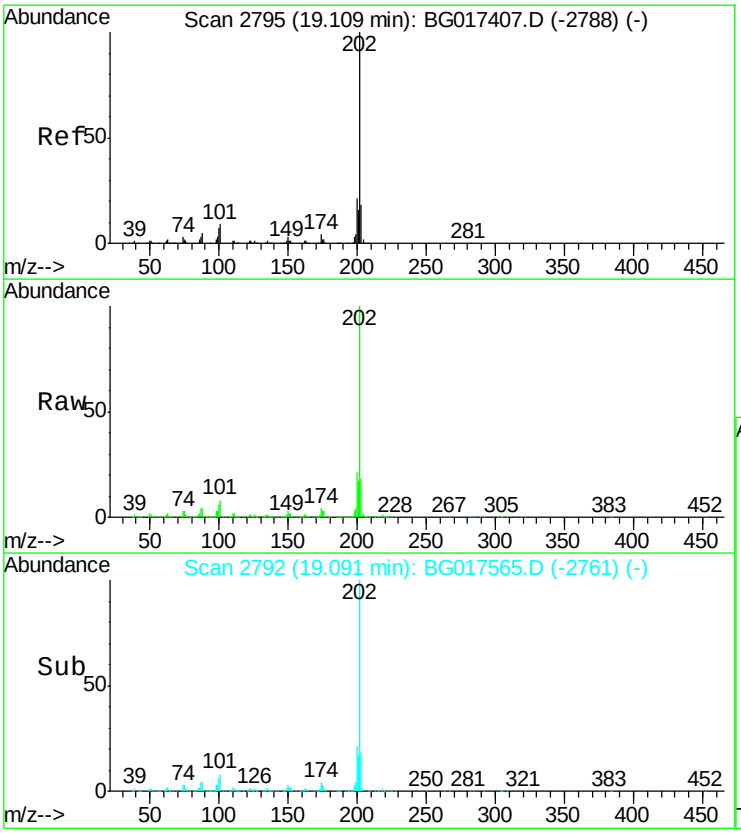
#72
Carbazole
Concen: 4.79 ng
RT: 17.43 min Scan# 2510
Delta R.T. -0.02 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:167 Resp: 28267

Ion	Ratio	Lower	Upper
167	100		
166	26.5	17.0	25.4#
139	17.1	11.3	16.9#

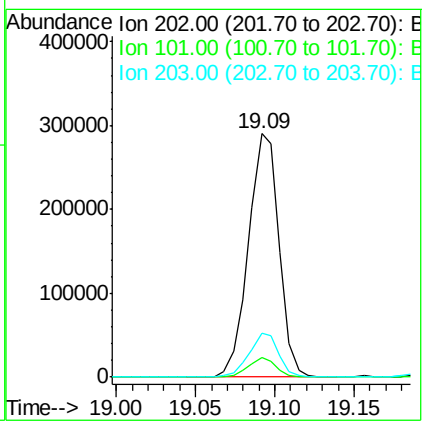


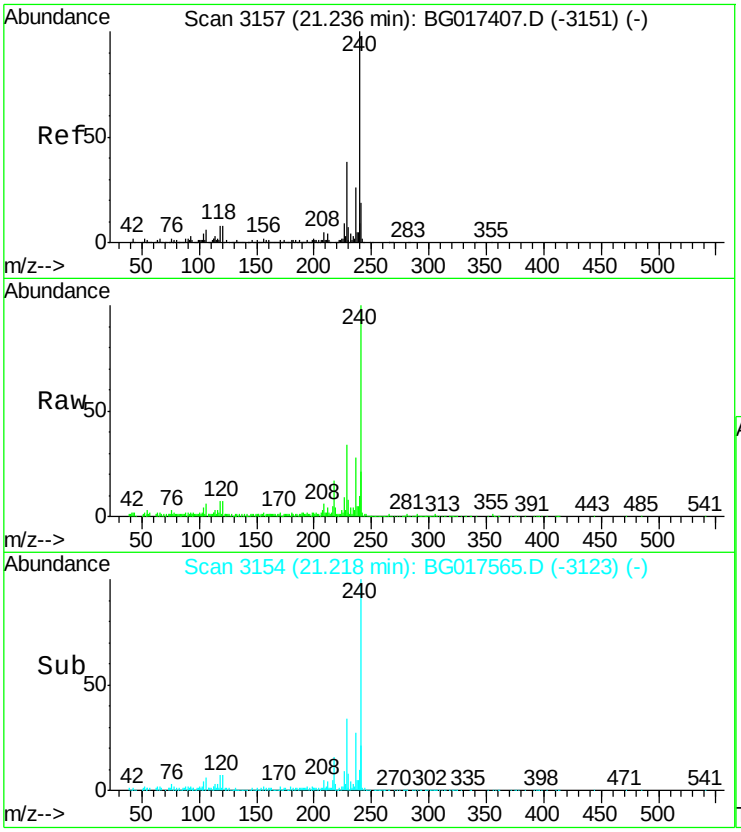


#74
Fluoranthene
Concen: 49.46 ng
RT: 19.09 min Scan# 2792
Delta R.T. -0.02 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:202 Resp: 387021

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.8
203	17.9	0.0	37.6



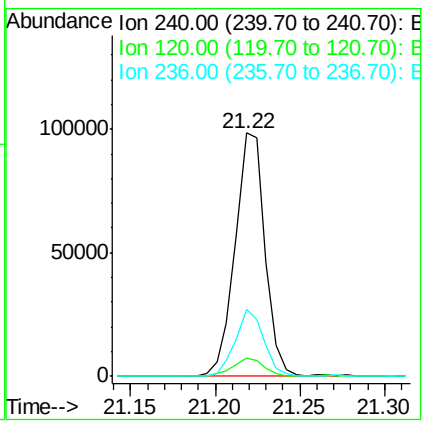


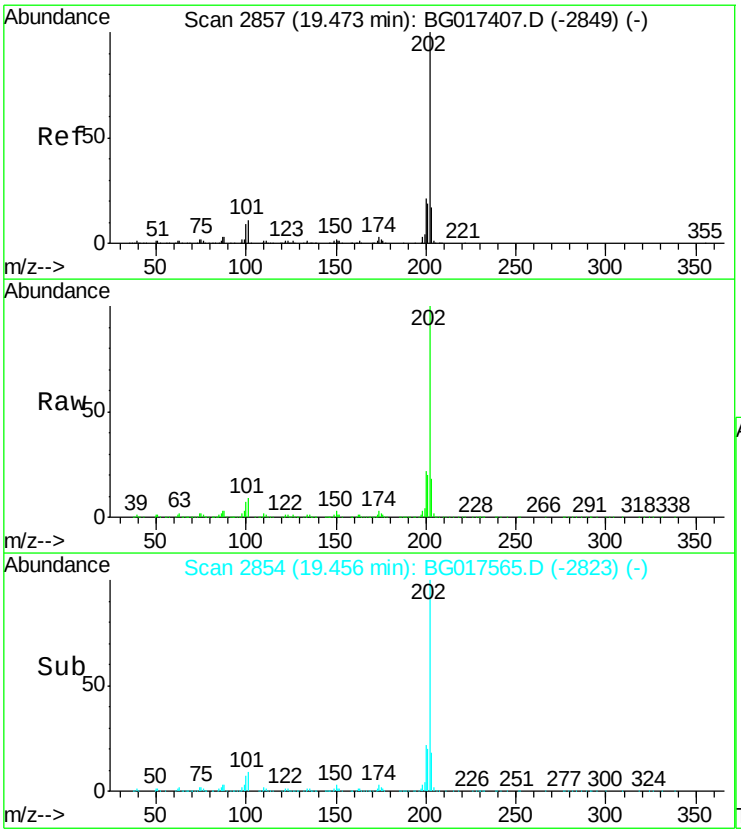
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:240 Resp: 120897

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.5	9.7
236	27.6	20.8	31.2

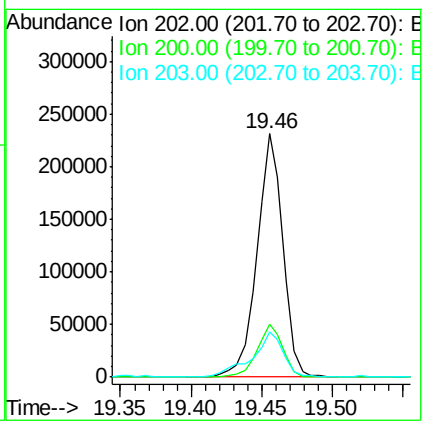


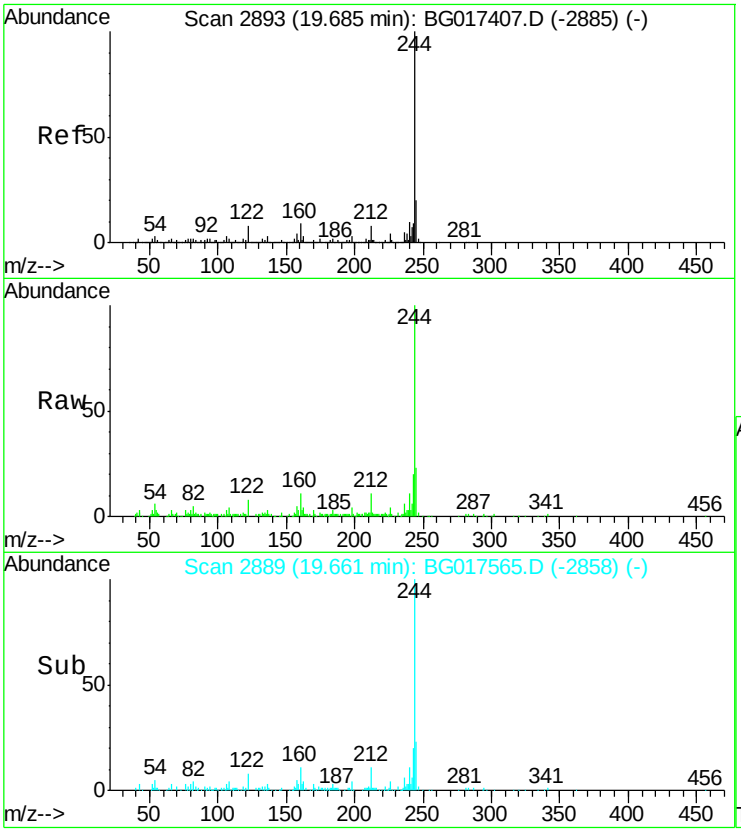


#77
Pyrene
Concen: 39.95 ng
RT: 19.46 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:202 Resp: 297515

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	18.4	13.9	20.9



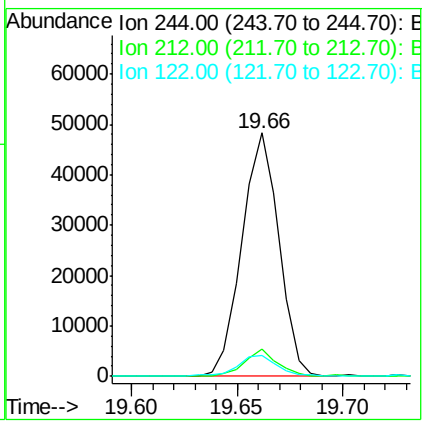


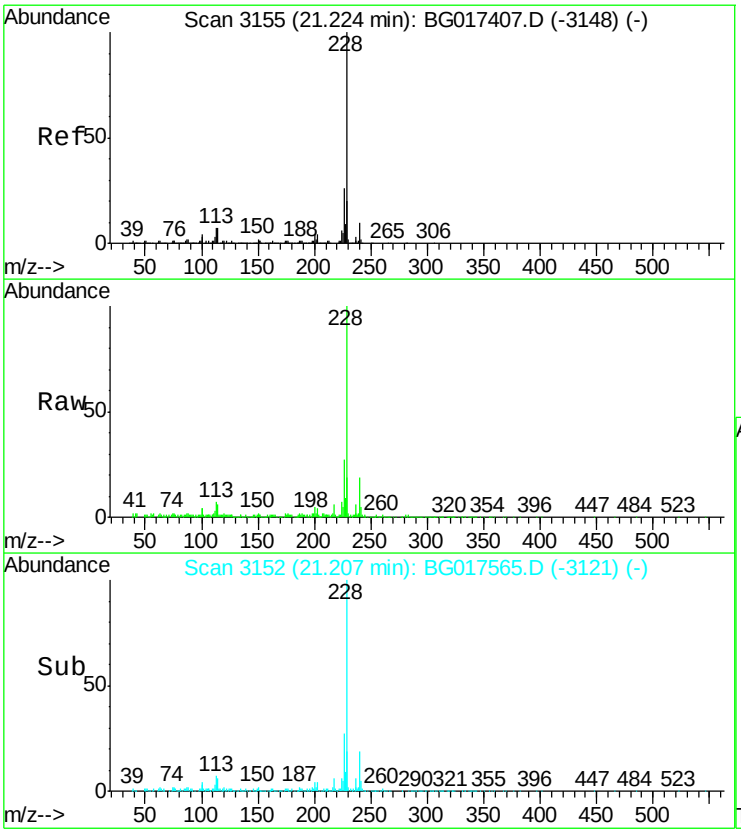
#78
Terphenyl-d14
Concen: 10.04 ng
RT: 19.66 min Scan# 2889
Delta R.T. -0.02 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:244 Resp: 58746

Ion	Ratio	Lower	Upper
244	100		
212	11.1	6.4	9.6#
122	8.5	6.6	10.0

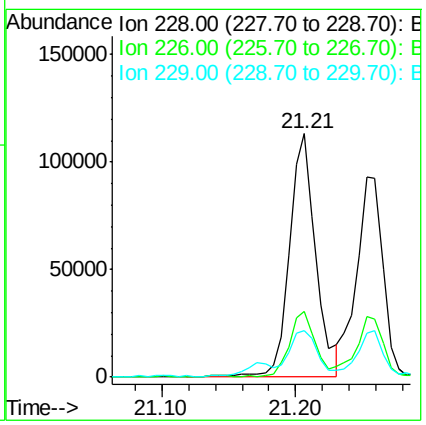


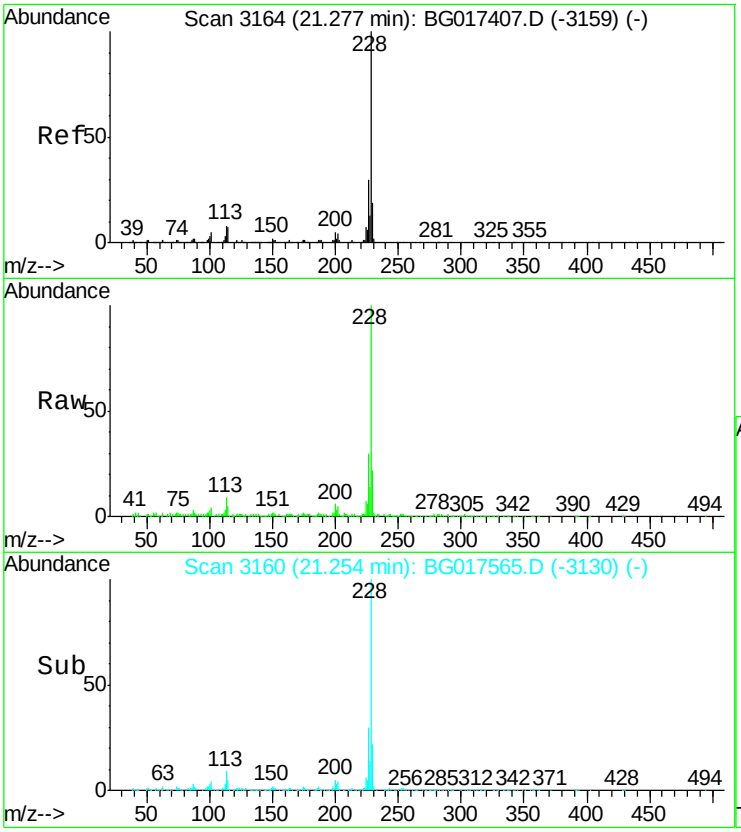


#80
Benzo(a)anthracene
Concen: 20.56 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:228 Resp: 152867

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.0	31.6
229	18.9	15.7	23.5



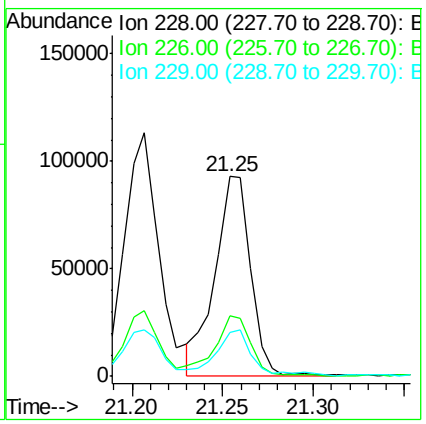


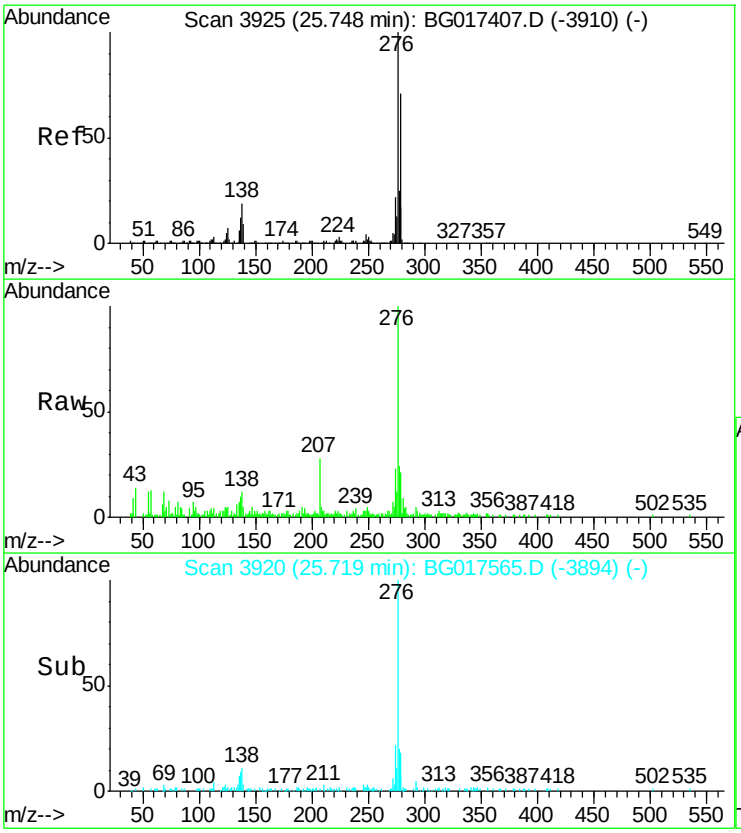
#82
Chrysene
Concen: 18.89 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:228 Resp: 127205

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.7	35.5
229	22.1	15.2	22.8

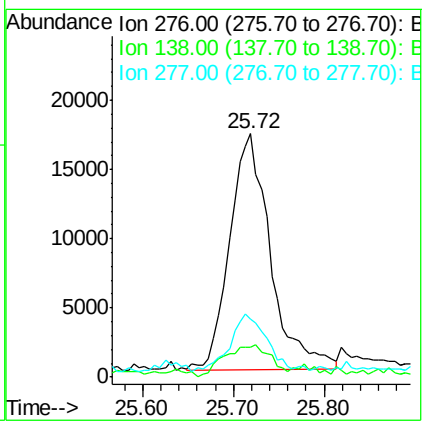


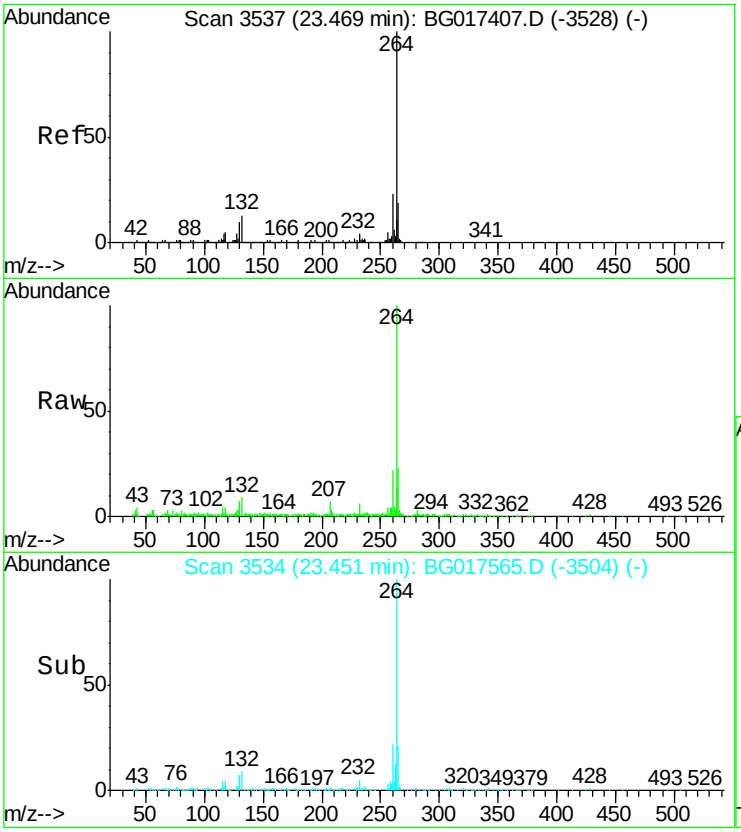


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.29 ng
RT: 25.72 min Scan# 3920
Delta R.T. -0.05 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:276 Resp: 53214

Ion	Ratio	Lower	Upper
276	100		
138	15.6	15.4	23.0
277	21.3	20.5	30.7



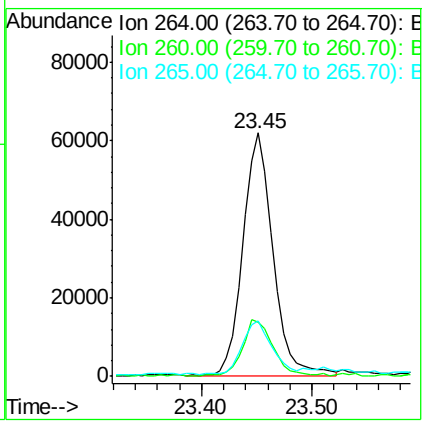


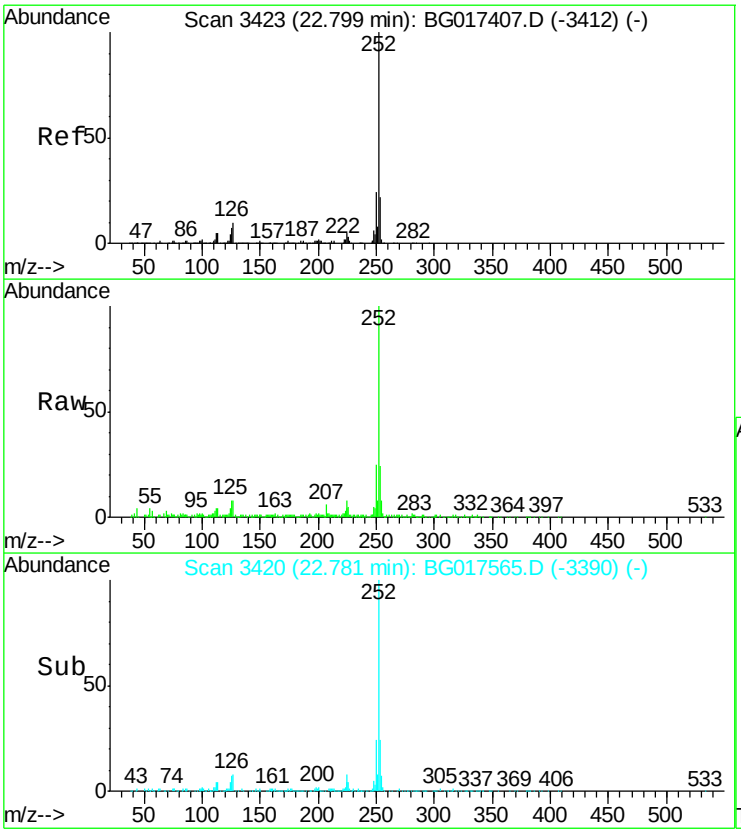
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3534
Delta R.T. -0.02 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:264 Resp: 119635

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	22.6	15.8	23.6

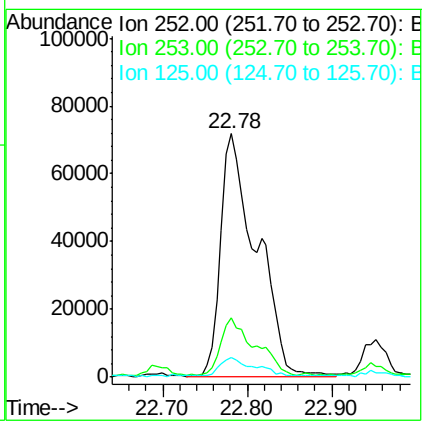


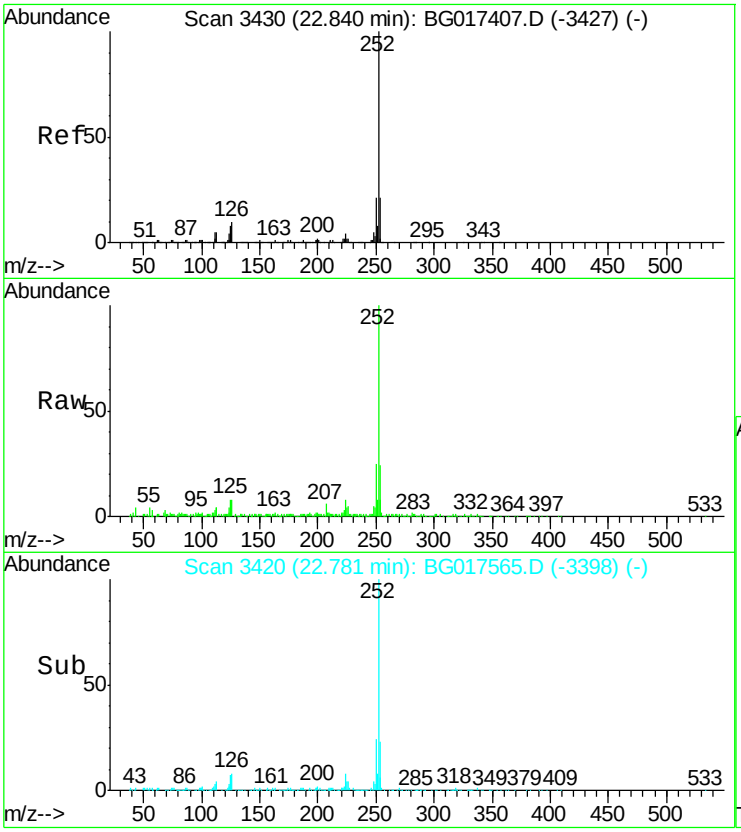


#87
Benzo(b)fluoranthene
Concen: 27.93 ng
RT: 22.78 min Scan# 3420
Delta R.T. -0.02 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:252 Resp: 211729

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	7.9	5.8	8.8



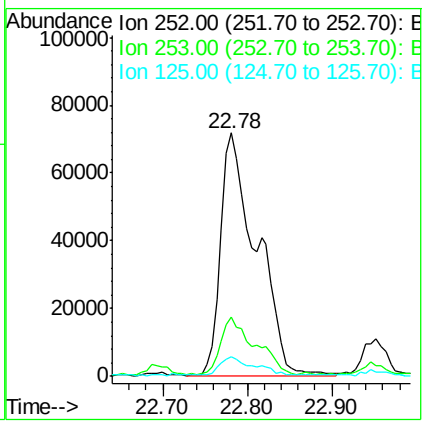


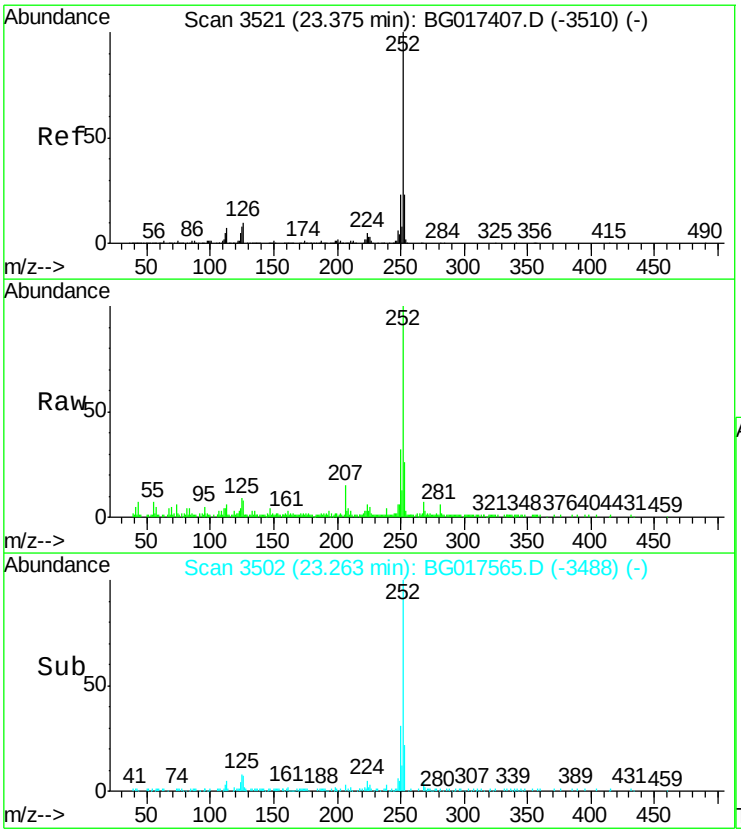
#88
Benzo(k)fluoranthene
Concen: 29.18 ng
RT: 22.78 min Scan# 3420
Delta R.T. -0.07 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:252 Resp: 211729

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	7.9	6.5	9.7

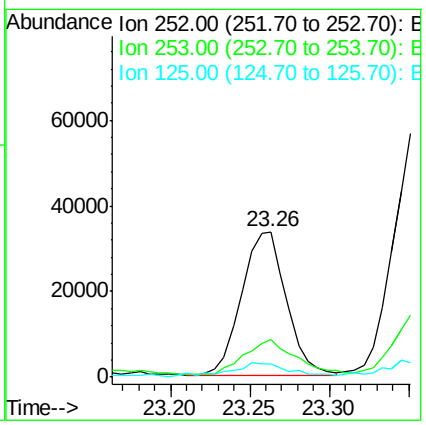


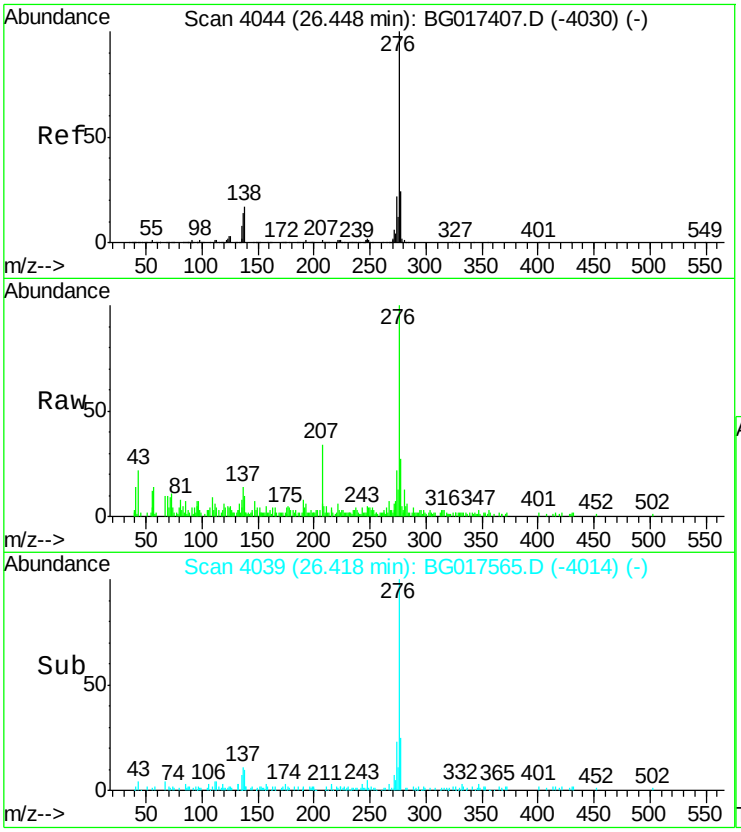


#89
Benzo(a)pyrene
Concen: 9.43 ng
RT: 23.26 min Scan# 3502
Delta R.T. -0.12 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Tgt Ion:252 Resp: 65534

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.1	27.1
125	9.2	6.5	9.7





#91
Benzo(g,h,i)perylene
Concen: 6.52 ng
RT: 26.42 min Scan# 4039
Delta R.T. -0.05 min
Lab File: BG017565.D
Acq: 9 Jun 2015 8:22

Instrument :
BNA_G
ClientSampleId :
TS16.4(3)DL

Tgt Ion:276 Resp: 44841

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.2	28.8
138	12.3	13.5	20.3#