Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017528.D
Acq On : 7 Jun 2015 11:05
Operator : TP/IZ
Sample : G2457-09 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-5

Quant Time: Jun 08 05:24:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	19657	20.00	ng		-0.01
21) Naphthalene-d8	10.41	136	87073	20.00	ng		-0.01
38) Acenaphthene-d10	14.29	164	56879	20.00	ng		0.00
63) Phenanthrene-d10	17.04	188	120348	20.00	ng		0.00
75) Chrysene-d12	21.24	240	145191	20.00	ng		0.00
86) Perylene-d12	23.48	264	139635	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	91091	81.64	ng		0.00
7) Phenol-d6	6.83	99	125700	82.70	ng		0.00
23) Nitrobenzene-d5	8.79	82	89588	51.36	ng		0.00
41) 2,4,6-Tribromophenol	15.79	330	53394	67.59	ng		0.00
44) 2-Fluorobiphenyl	12.91	172	187730	49.79	ng		0.00
78) Terphenyl-d14	19.68	244	276080	39.30	ng		0.00
Target Compounds							Qvalue
48) Acenaphthylene	14.02	152	25245	4.12	ng		95
49) Dimethylphthalate	13.75	163	56451	11.40	ng		98
51) Acenaphthene	14.35	154	11230	3.11	ng		87
54) Dibenzofuran	14.69	168	13086	2.46	ng	#	86
55) 4-Nitrophenol	14.69	139	5954	6.93	ng	#	1
57) Fluorene	15.34	166	18709	3.87	ng		83
70) Phenanthrene	17.08	178	374348	55.79	ng		99
71) Anthracene	17.18	178	65248	9.73	ng		93
72) Carbazole	17.45	167	16168	2.44	ng	#	92
74) Fluoranthene	19.12	202	836185	95.30	ng		98
77) Pyrene	19.48	202	713381	79.76	ng		100
80) Benzo(a)anthracene	21.23	228	340392	38.12	ng		96
82) Chrysene	21.28	228	323177	39.97	ng		97
85) Indeno(1,2,3-cd)pyrene	25.76	276	183627	18.09	ng		97
87) Benzo(b)fluoranthene	22.81	252	562800	63.60	ng		97
88) Benzo(k)fluoranthene	22.81	252	562800	66.46	ng		98
89) Benzo(a)pyrene	23.38	252	291209	35.88	ng		99
90) Dibenzo(a,h)anthracene	25.76	278	51933	6.16	ng	#	88
91) Benzo(g,h,i)perylene	26.46	276	167257	20.84	ng		96

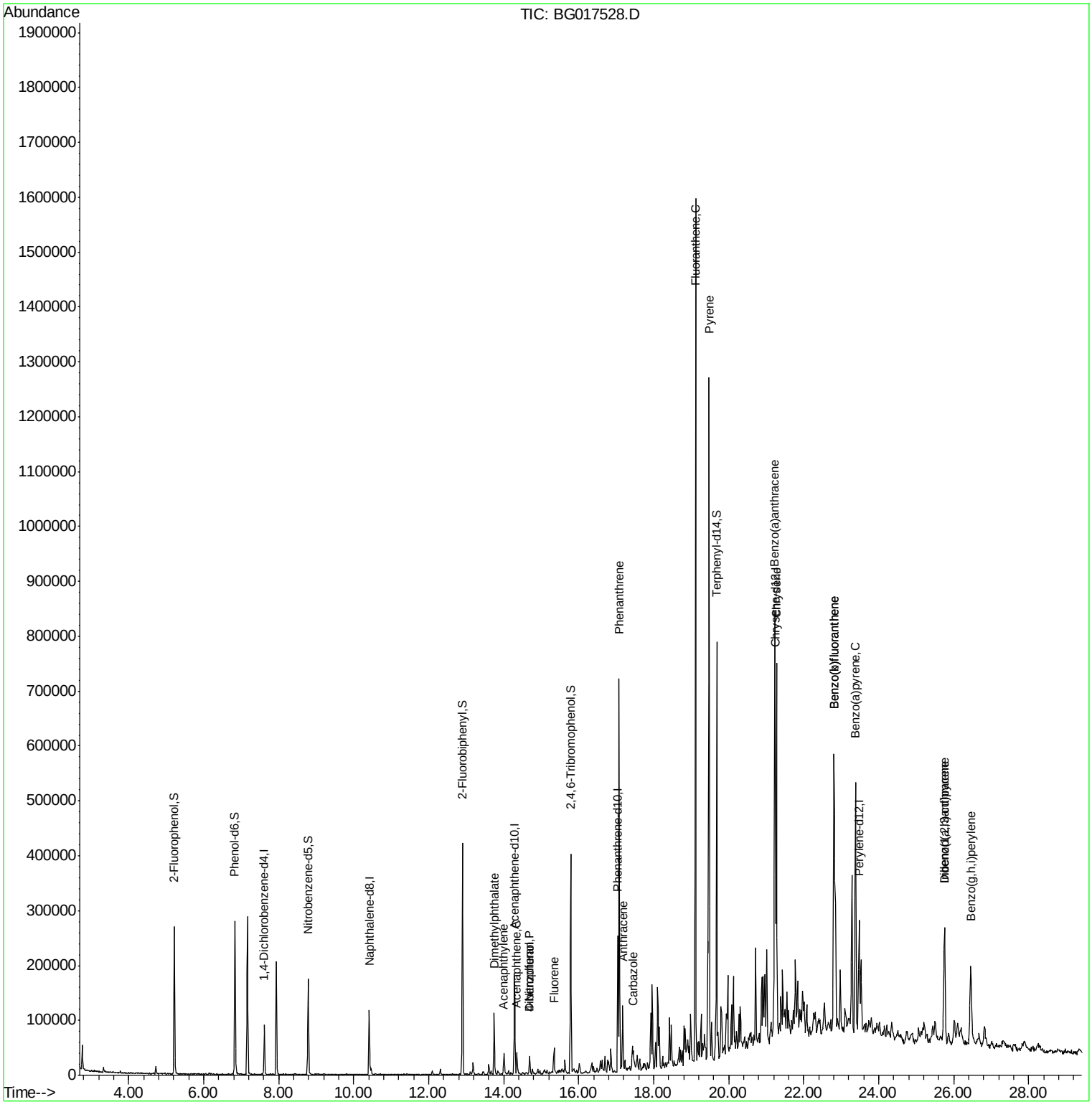
(#) = qualifier out of range (m) = manual integration (+) = signals summed

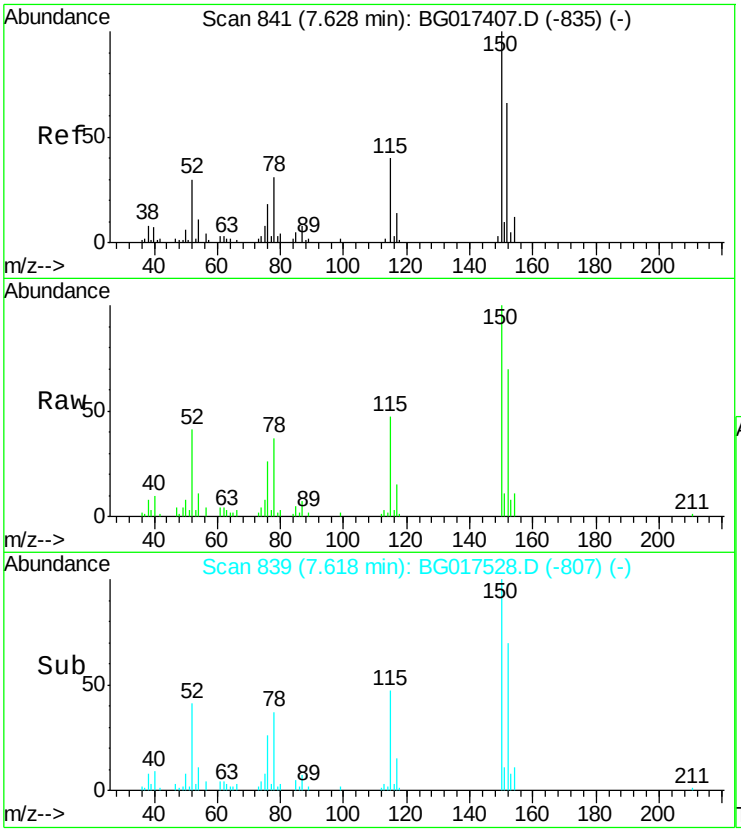
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017528.D
Acq On : 7 Jun 2015 11:05
Operator : TP/IZ
Sample : G2457-09 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-5

Quant Time: Jun 08 05:24:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 2015
Response via : Initial Calibration



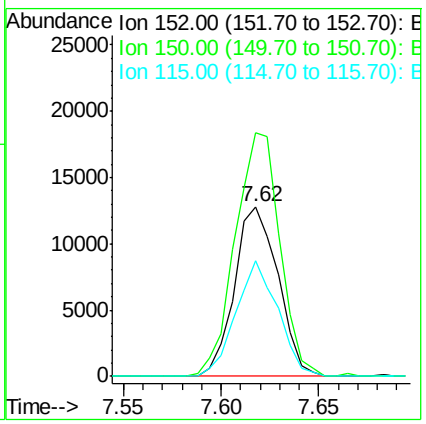


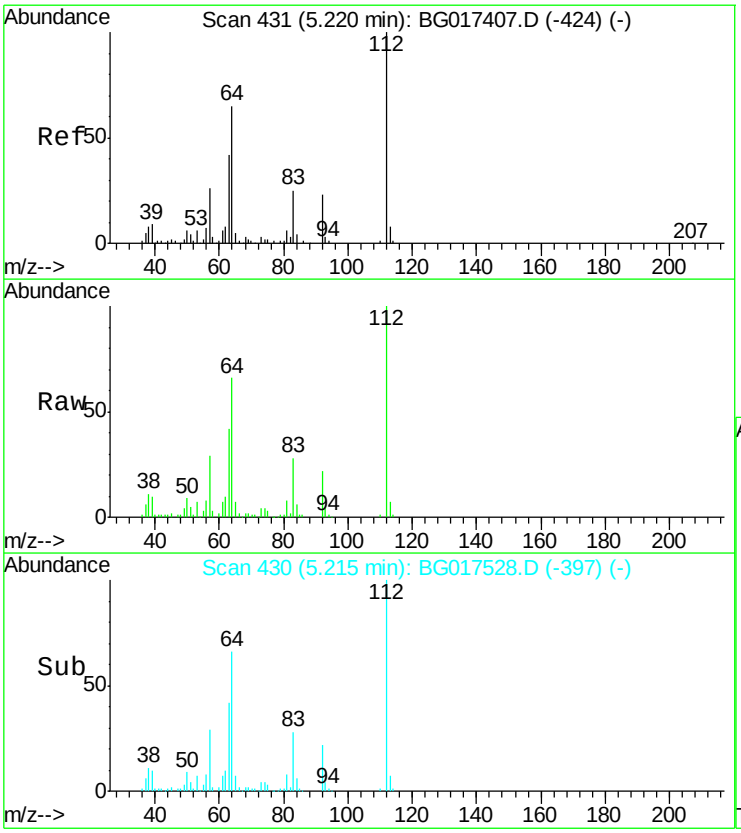
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.62 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:152 Resp: 19657

Ion	Ratio	Lower	Upper
152	100		
150	143.4	121.7	182.5
115	68.0	48.6	73.0

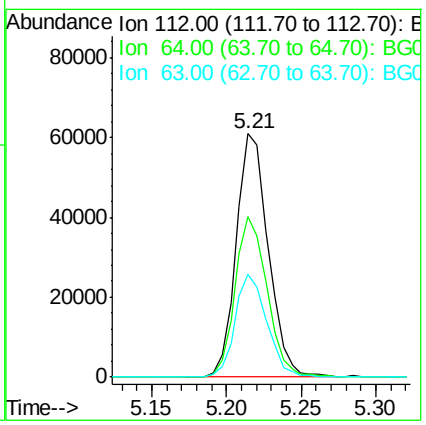


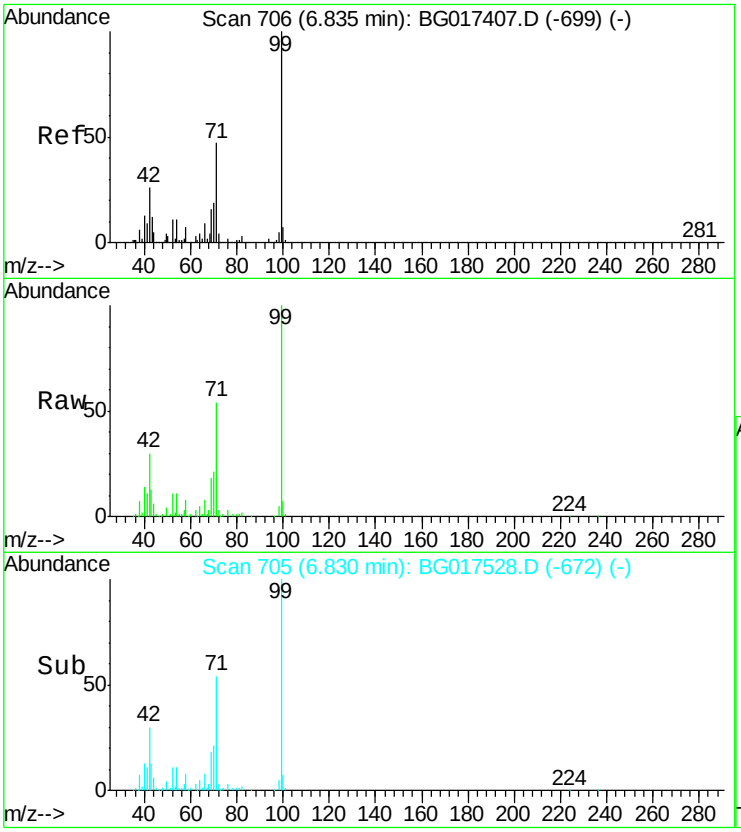


#5
2-Fluorophenol
Concen: 81.64 ng
RT: 5.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:112 Resp: 91091

Ion	Ratio	Lower	Upper
112	100		
64	66.0	51.6	77.4
63	42.1	33.3	49.9



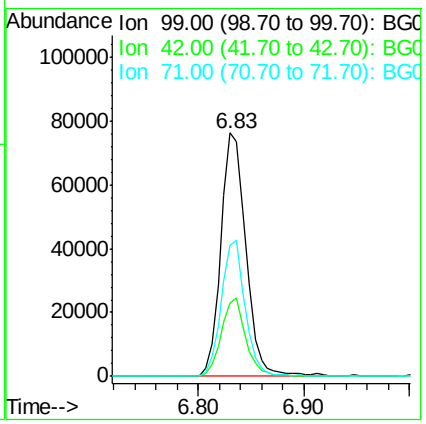


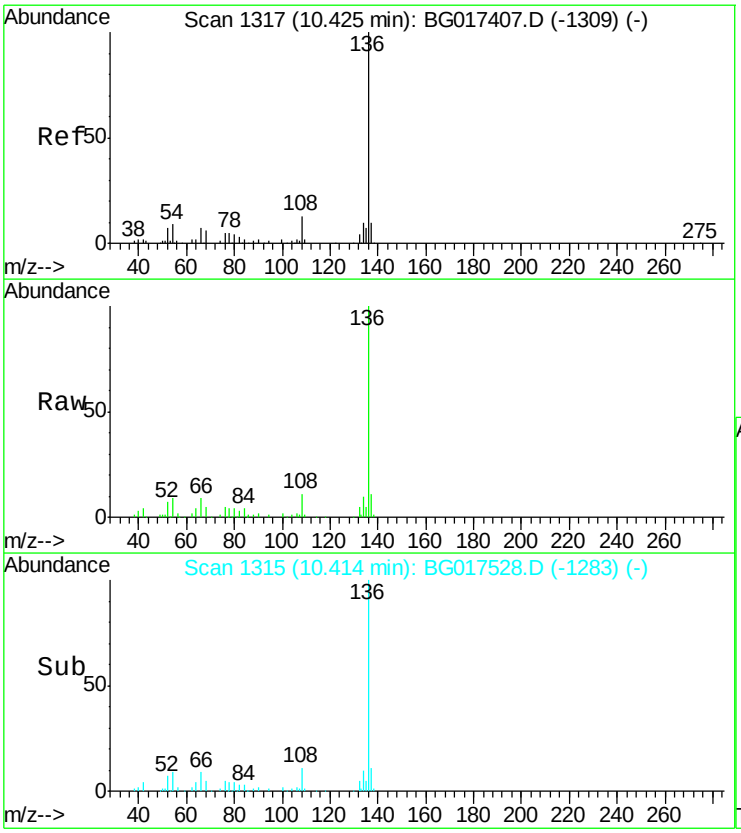
#7
Phenol-d6
Concen: 82.70 ng
RT: 6.83 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion: 99 Resp: 125700

Ion	Ratio	Lower	Upper
99	100		
42	30.2	21.0	31.6
71	53.9	37.2	55.8

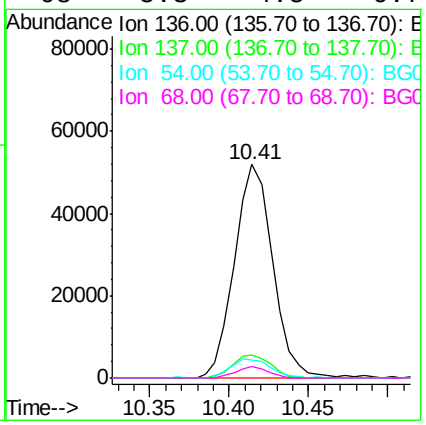


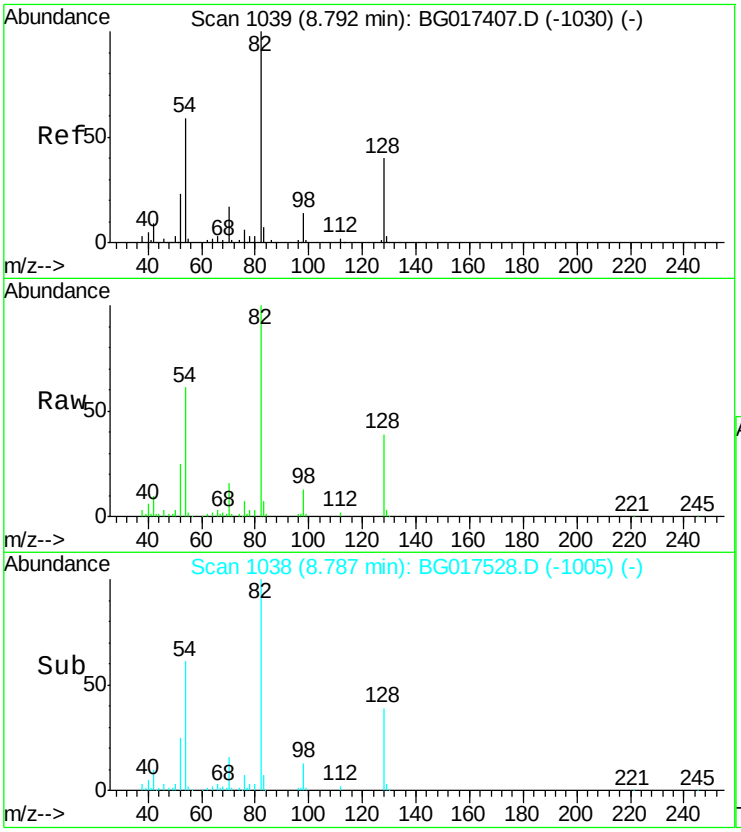


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:136 Resp: 87073

Ion	Ratio	Lower	Upper
136	100		
137	11.0	7.9	11.9
54	8.7	7.2	10.8
68	5.3	4.5	6.7



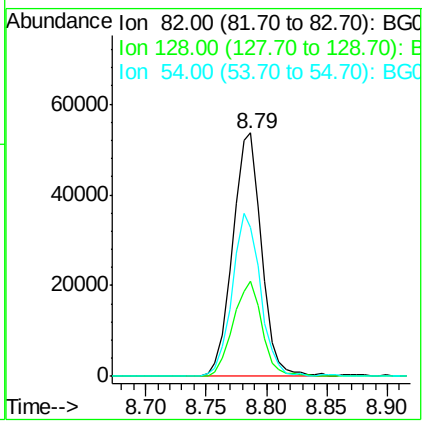


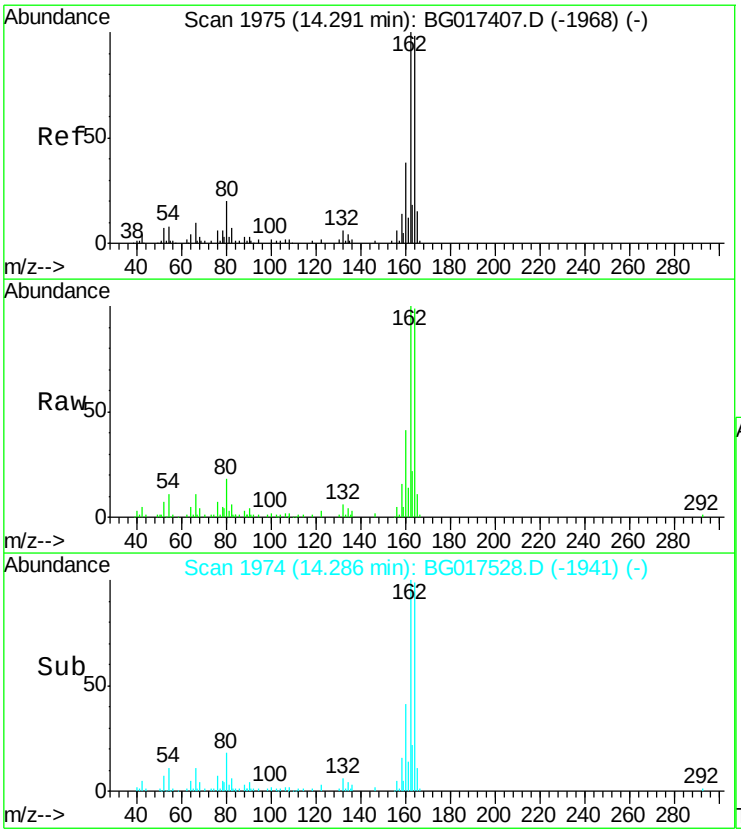
#23
Nitrobenzene-d5
Concen: 51.36 ng
RT: 8.79 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion: 82 Resp: 89588

Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.2	48.4
54	61.3	47.4	71.2

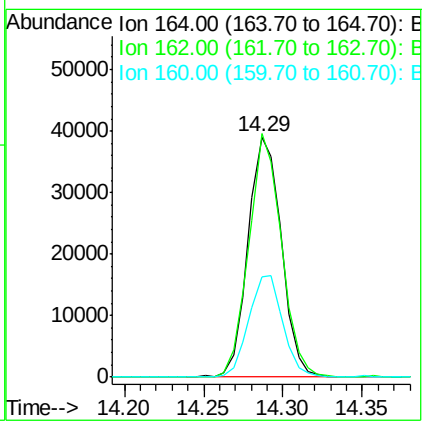


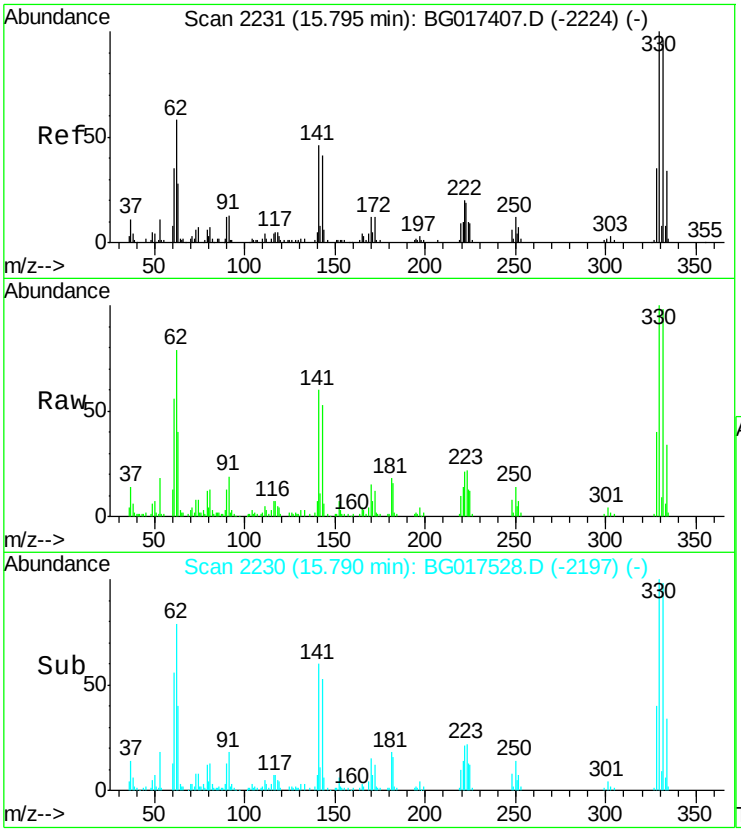


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:164 Resp: 56879

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.8	122.6
160	41.6	31.0	46.4



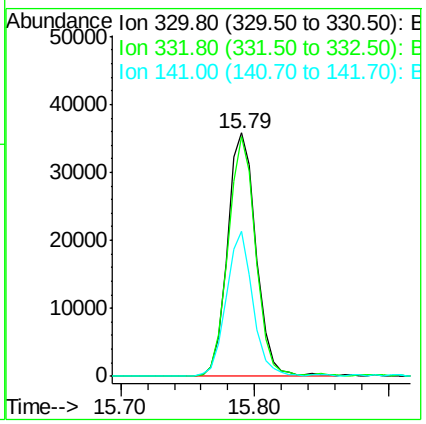


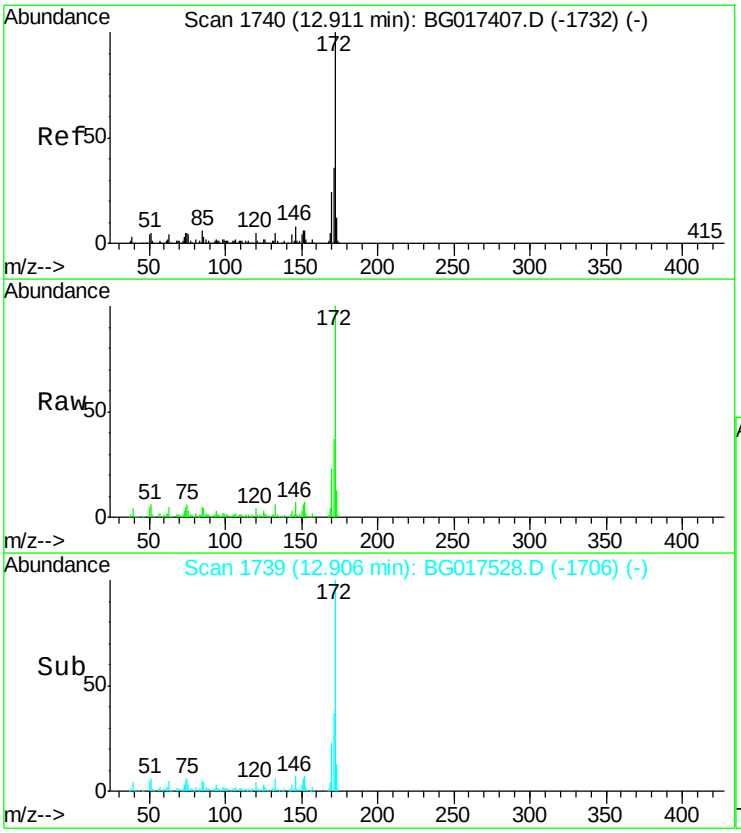
#41
2,4,6-Tribromophenol
Concen: 67.59 ng
RT: 15.79 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:330 Resp: 53394

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.9	113.9
141	55.7	40.2	60.4

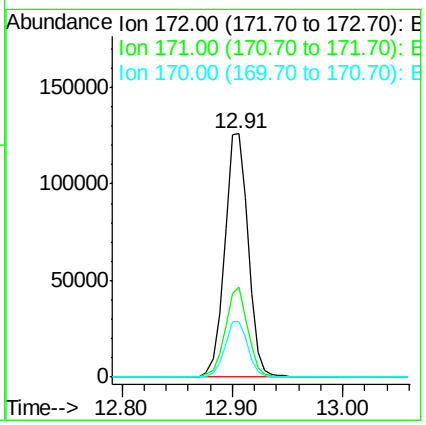


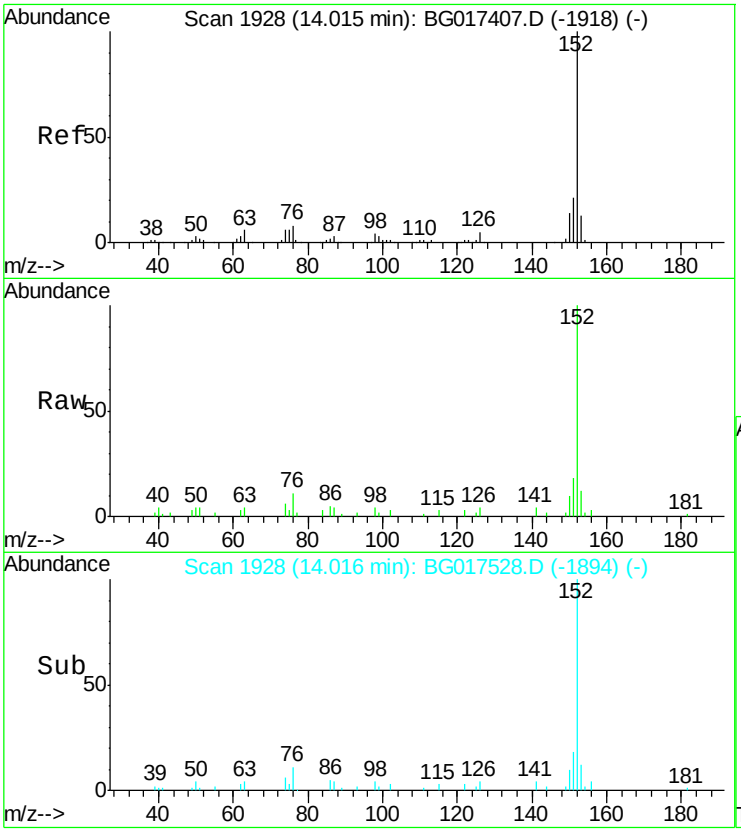


#44
2-Fluorobiphenyl
Concen: 49.79 ng
RT: 12.91 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:172 Resp: 187730

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	22.9	18.9	28.3



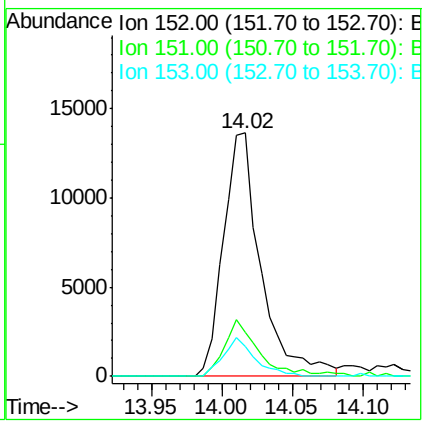


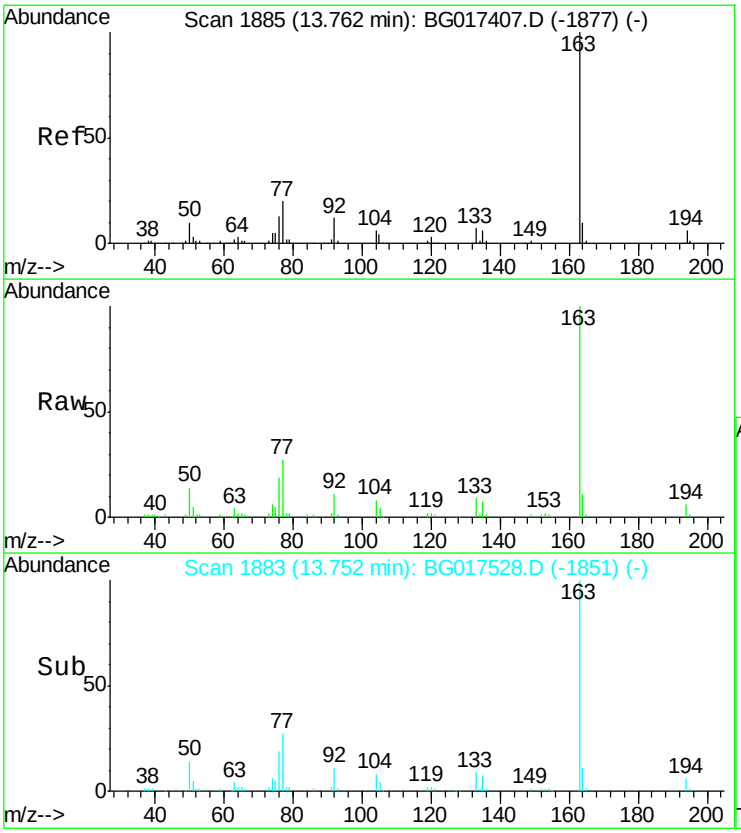
#48
Acenaphthylene
Concen: 4.12 ng
RT: 14.02 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:152 Resp: 25245

Ion	Ratio	Lower	Upper
152	100		
151	17.9	16.5	24.7
153	12.1	10.7	16.1

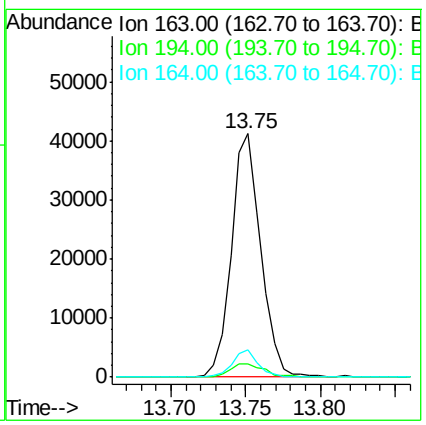


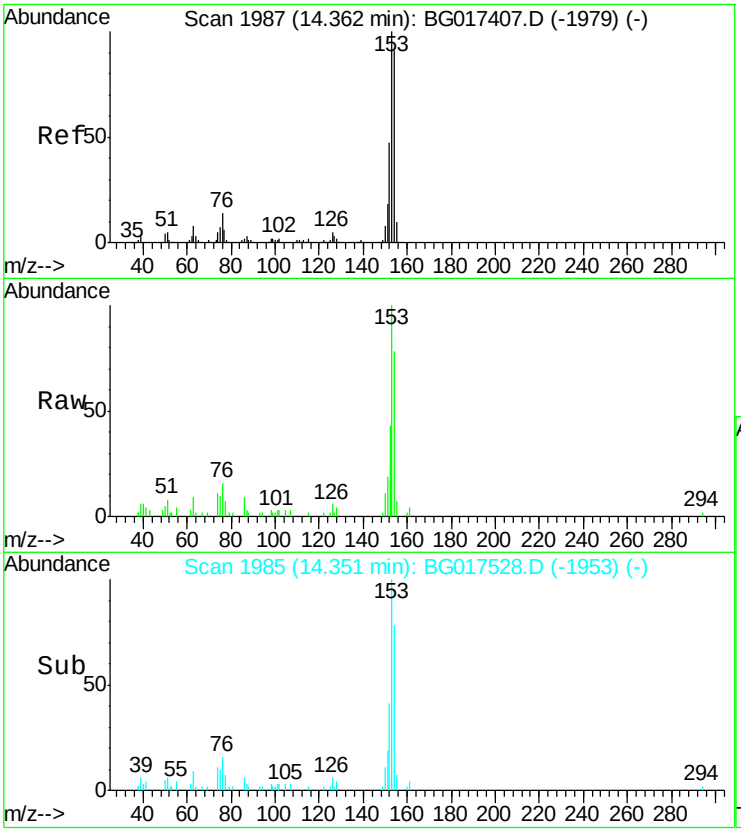


#49
Dimethylphthalate
Concen: 11.40 ng
RT: 13.75 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:163 Resp: 56451

Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.9	7.3
164	11.0	8.2	12.2



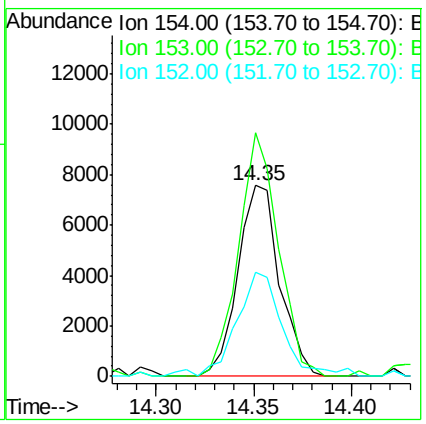


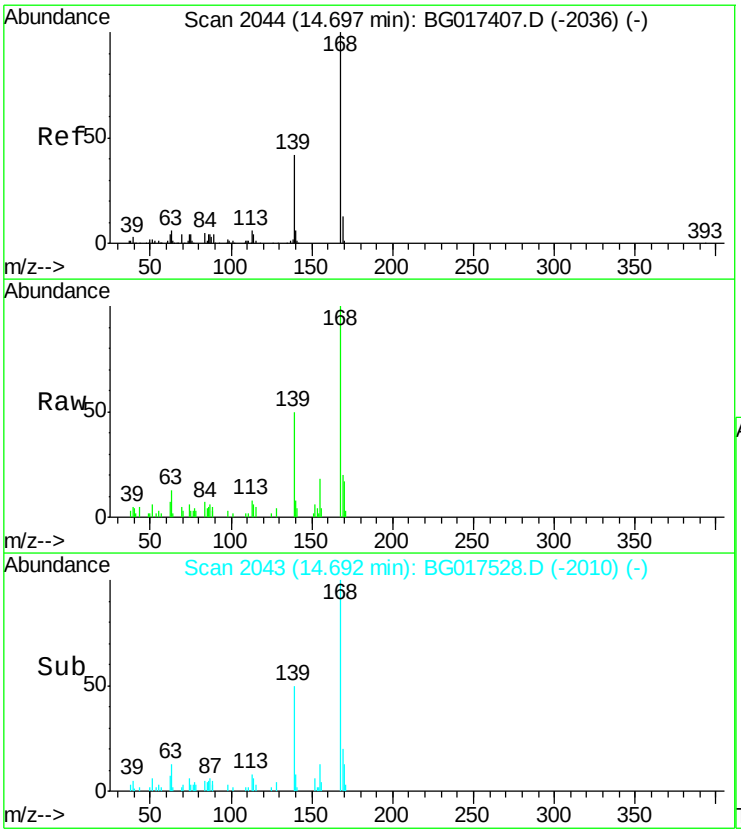
#51
Acenaphthene
Concen: 3.11 ng
RT: 14.35 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:154 Resp: 11230

Ion	Ratio	Lower	Upper
154	100		
153	127.7	87.7	131.5
152	54.6	40.8	61.2

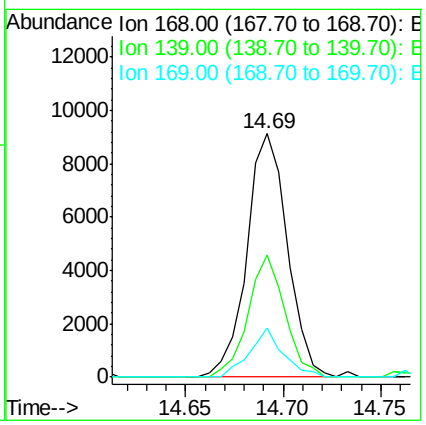


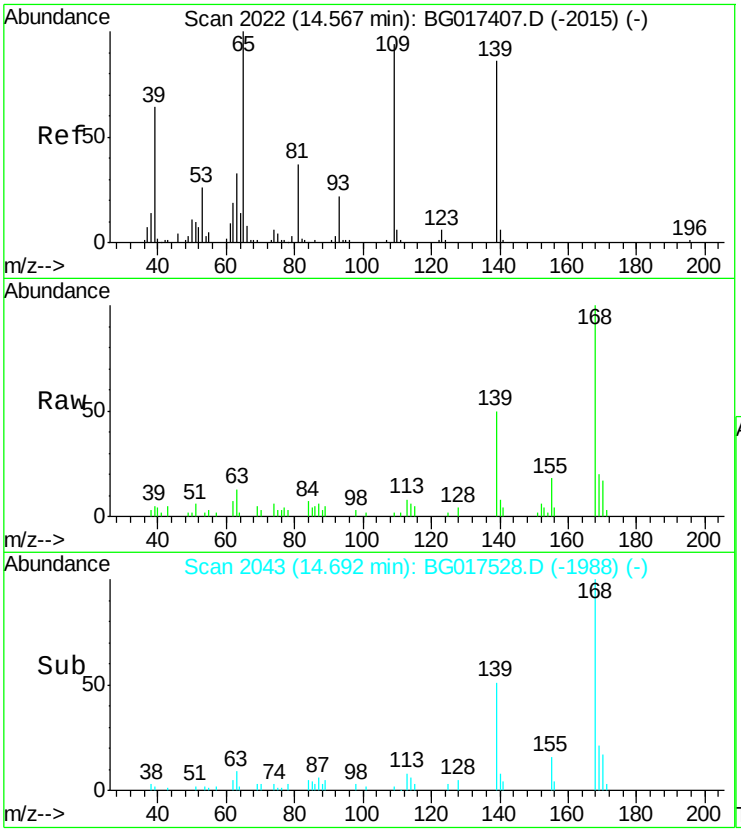


#54
Dibenzofuran
Concen: 2.46 ng
RT: 14.69 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:168 Resp: 13086

Ion	Ratio	Lower	Upper
168	100		
139	49.9	33.2	49.8#
169	20.3	10.6	16.0#



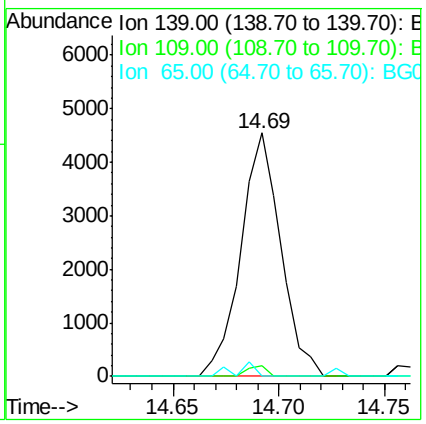


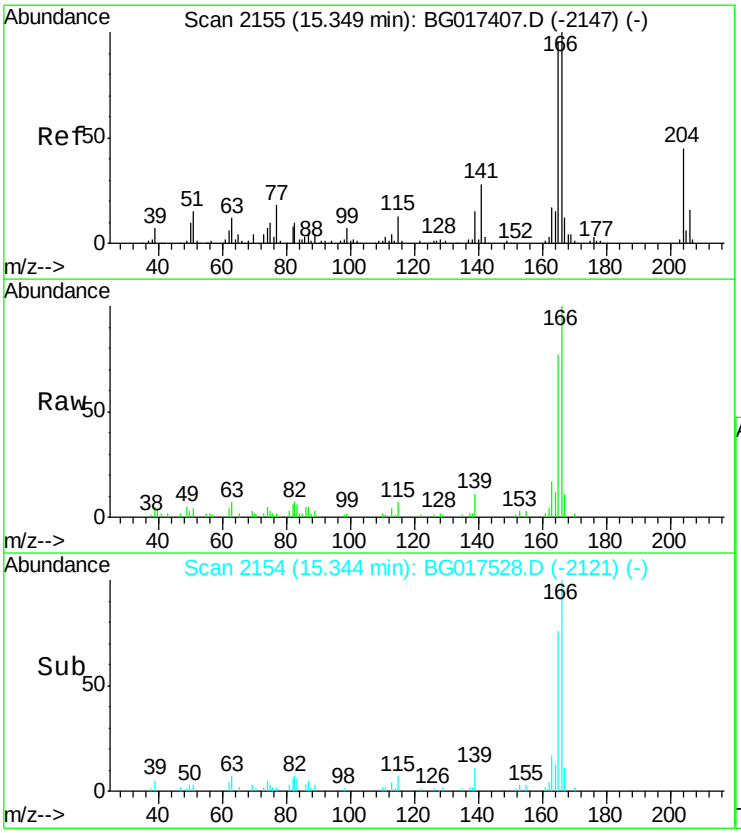
#55
4-Nitrophenol
Concen: 6.93 ng
RT: 14.69 min Scan# 2043
Delta R.T. 0.12 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:139 Resp: 5954

Ion	Ratio	Lower	Upper
139	100		
109	4.5	89.5	129.5#
65	0.0	95.9	135.9#

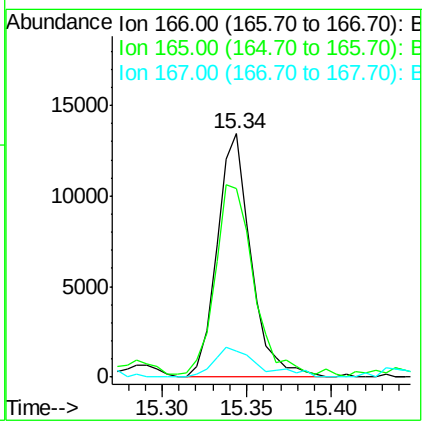


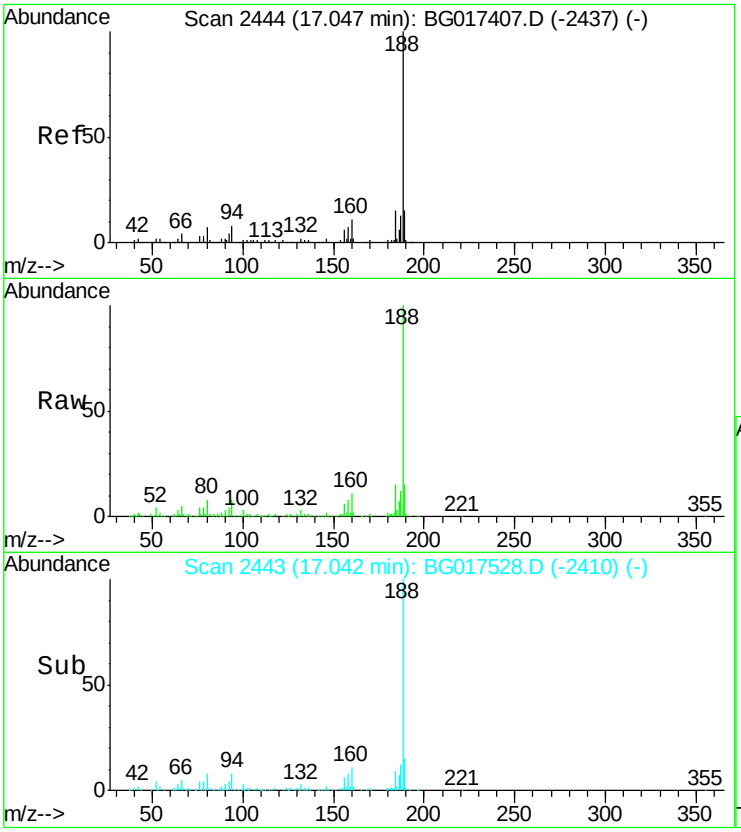


#57
Fluorene
Concen: 3.87 ng
RT: 15.34 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:166 Resp: 18709

Ion	Ratio	Lower	Upper
166	100		
165	77.2	76.8	115.2
167	10.8	9.9	14.9



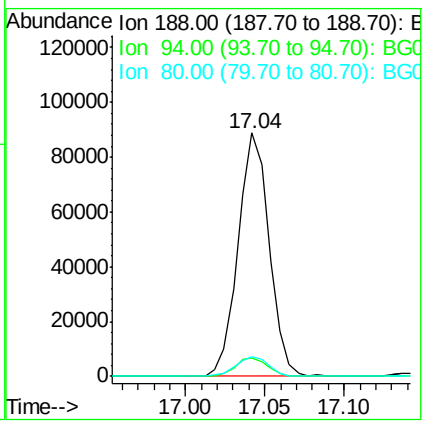


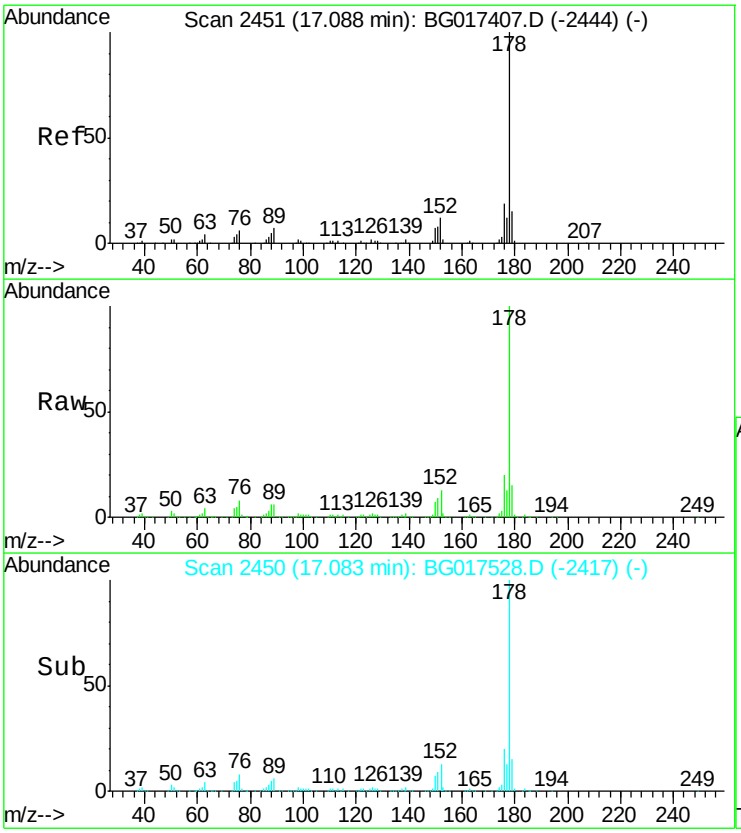
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:188 Resp: 120348

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.0	5.2	7.8#

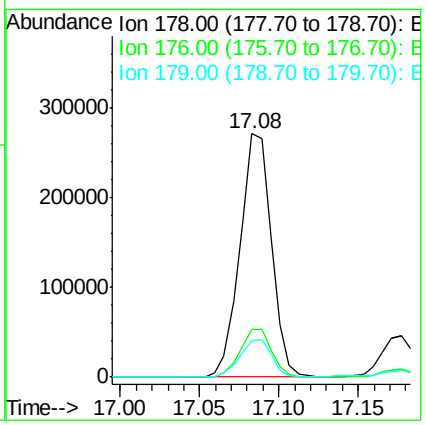


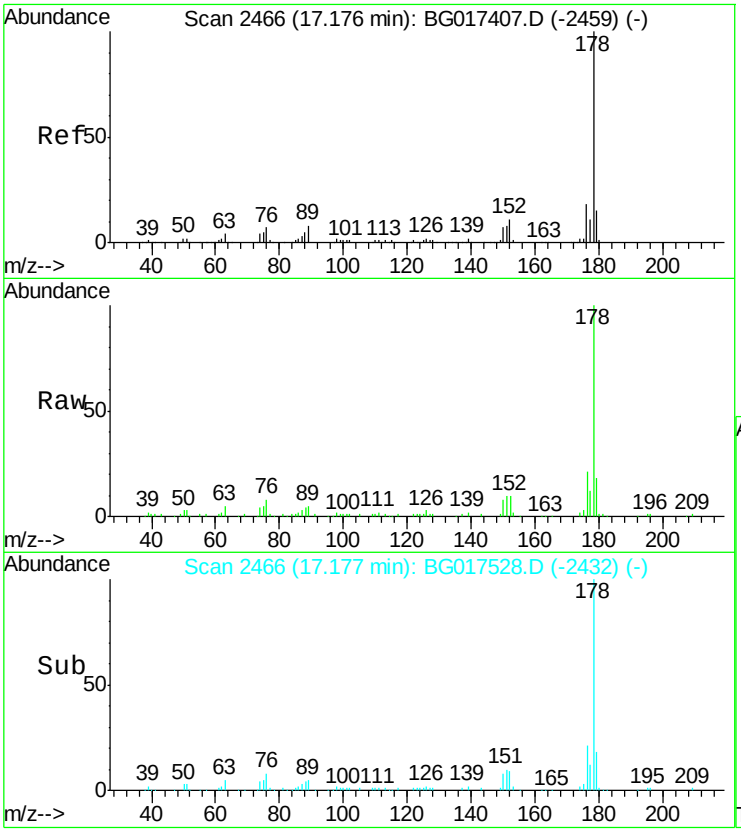


#70
Phenanthrene
Concen: 55.79 ng
RT: 17.08 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:178 Resp: 374348

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	14.9	12.2	18.2



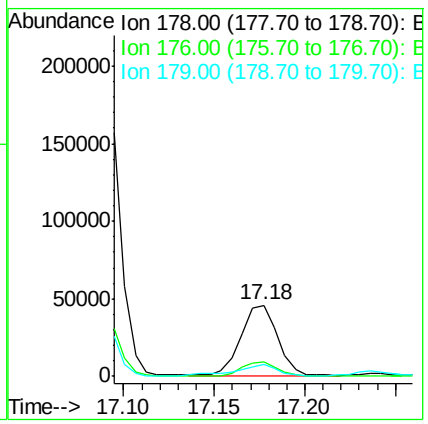


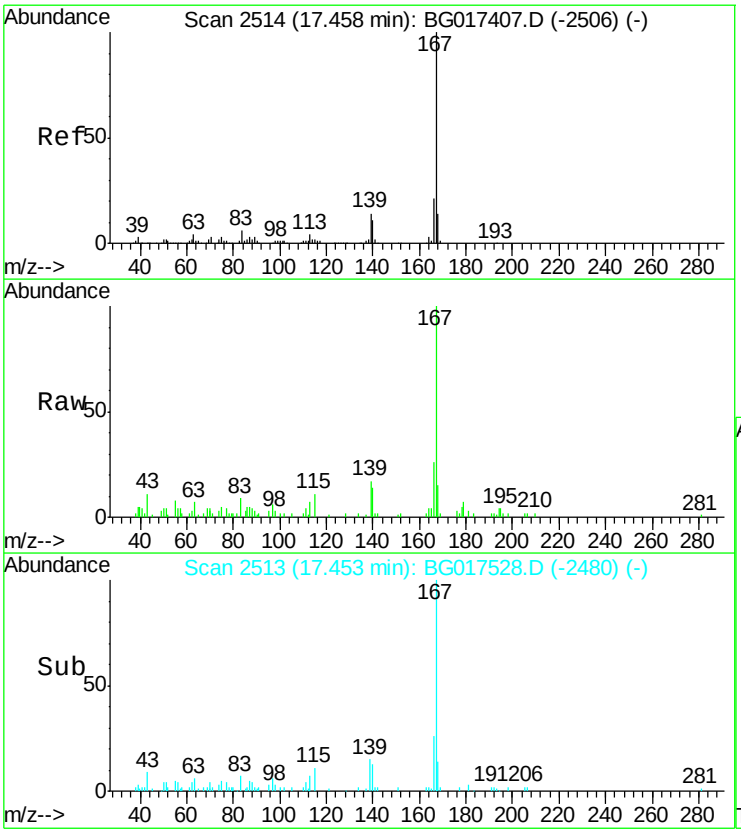
#71
Anthracene
Concen: 9.73 ng
RT: 17.18 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:178 Resp: 65248

Ion	Ratio	Lower	Upper
178	100		
176	21.0	14.2	21.2
179	17.6	12.2	18.4

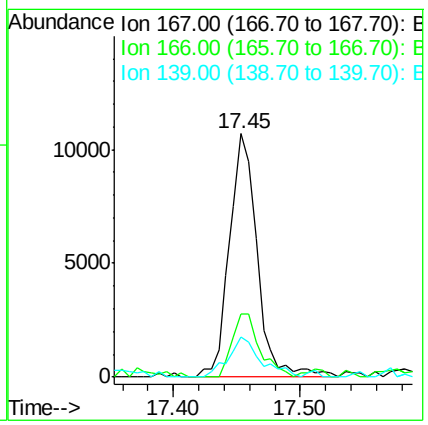


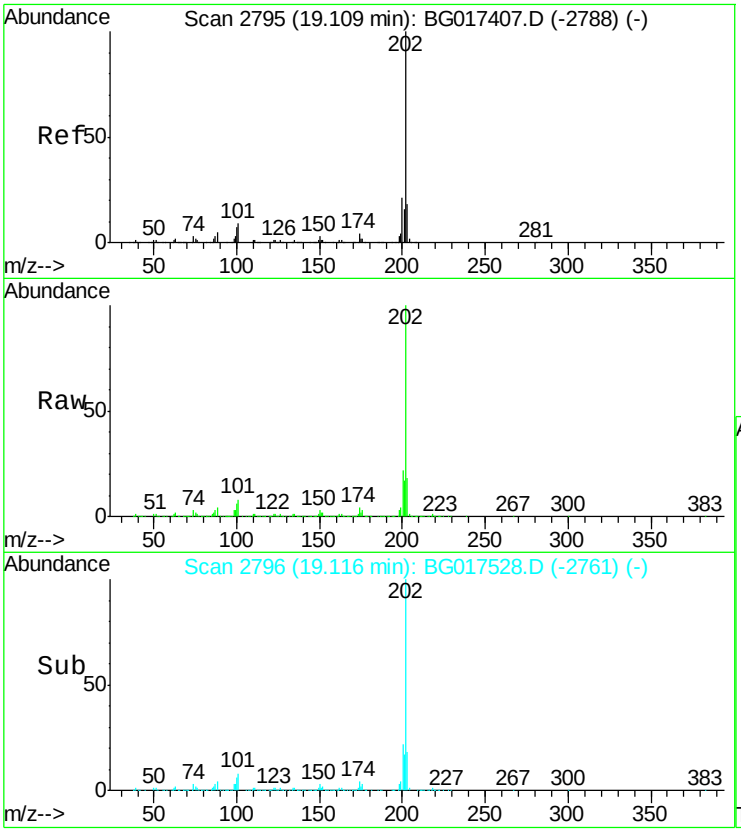


#72
Carbazole
Concen: 2.44 ng
RT: 17.45 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:167 Resp: 16168

Ion	Ratio	Lower	Upper
167	100		
166	25.7	17.0	25.4#
139	16.7	11.3	16.9



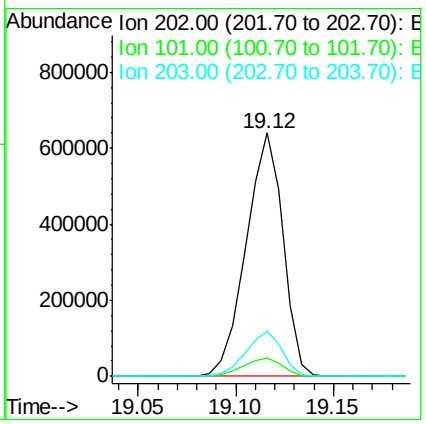


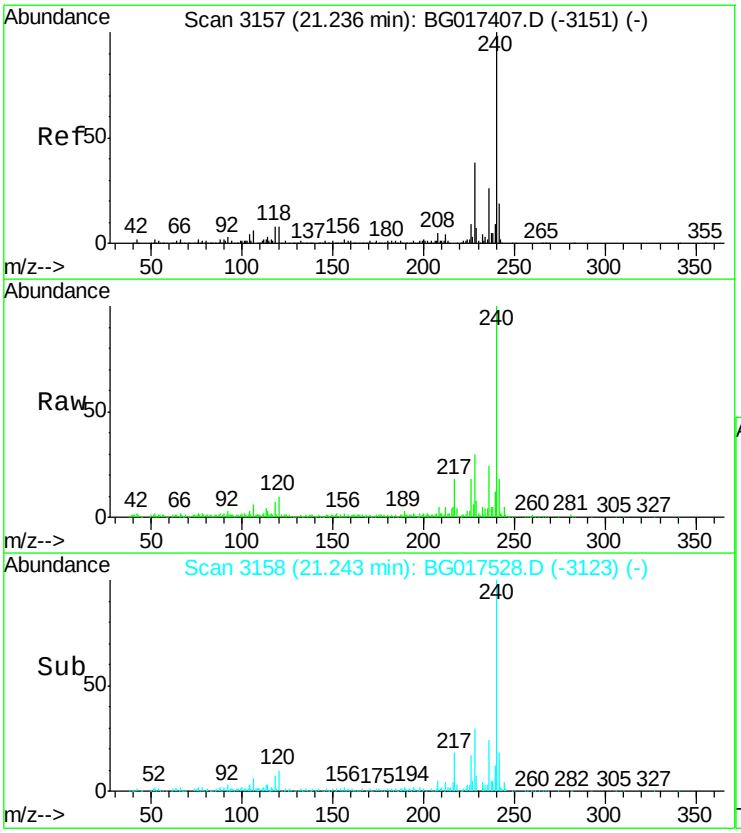
#74
Fluoranthene
Concen: 95.30 ng
RT: 19.12 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:202 Resp: 836185

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.8
203	18.4	0.0	37.6

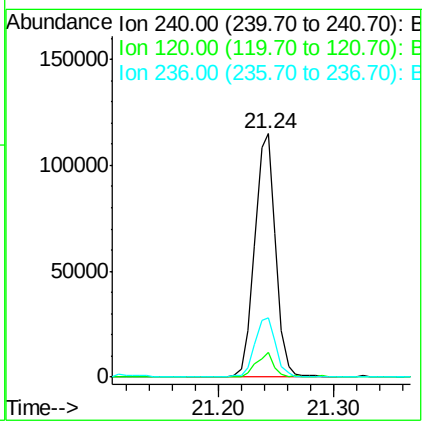


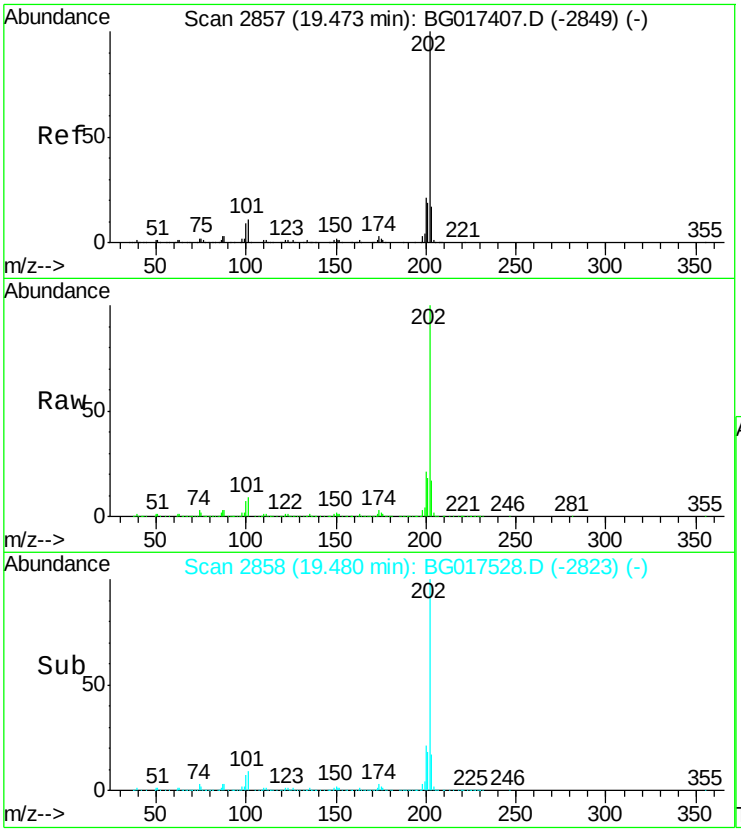


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.24 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:240 Resp: 145191

Ion	Ratio	Lower	Upper
240	100		
120	10.1	6.5	9.7#
236	24.4	20.8	31.2



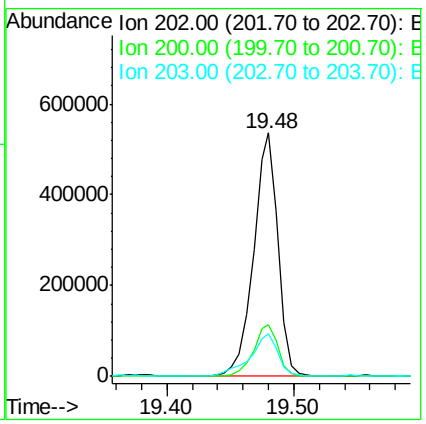


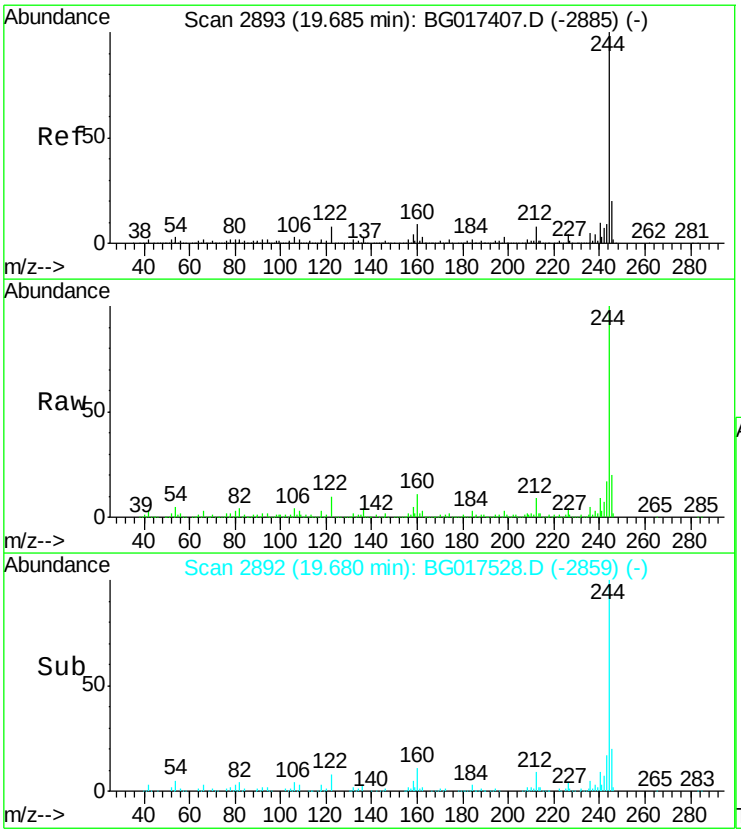
#77
Pyrene
Concen: 79.76 ng
RT: 19.48 min Scan# 2858
Delta R.T. 0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:202 Resp: 713381

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.4	13.9	20.9

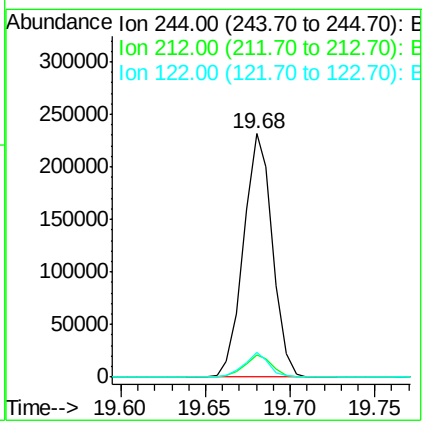


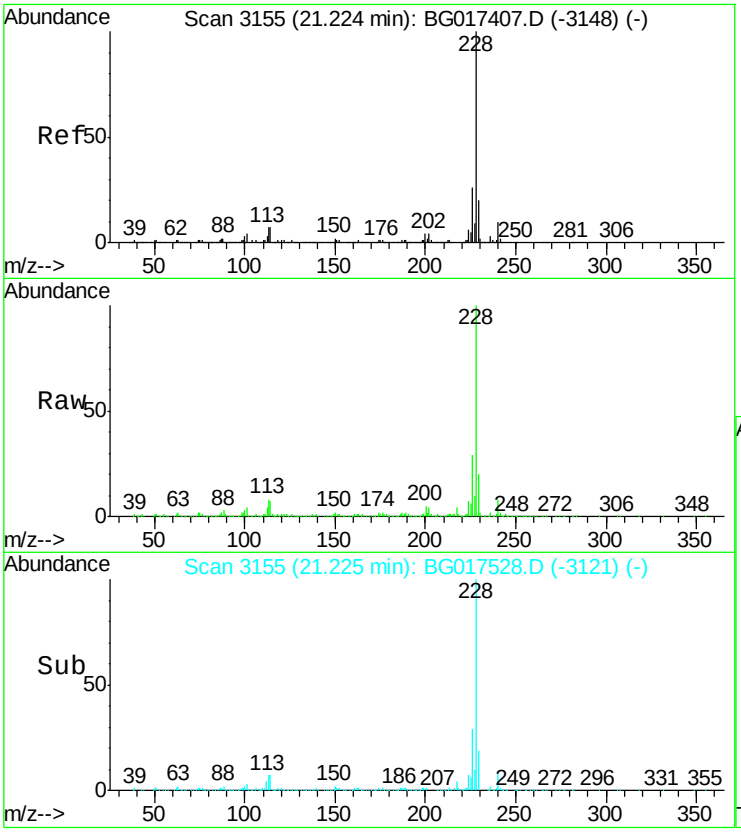


#78
Terphenyl-d14
Concen: 39.30 ng
RT: 19.68 min Scan# 2892
Delta R.T. -0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:244 Resp: 276080

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.4	9.6
122	9.9	6.6	10.0



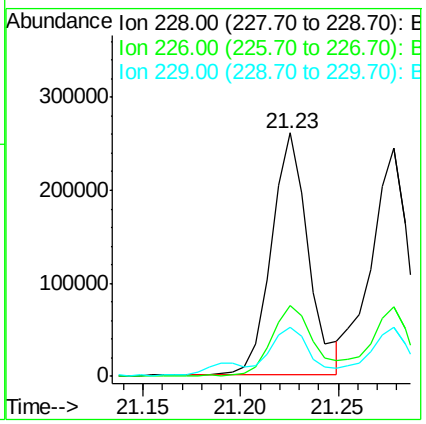


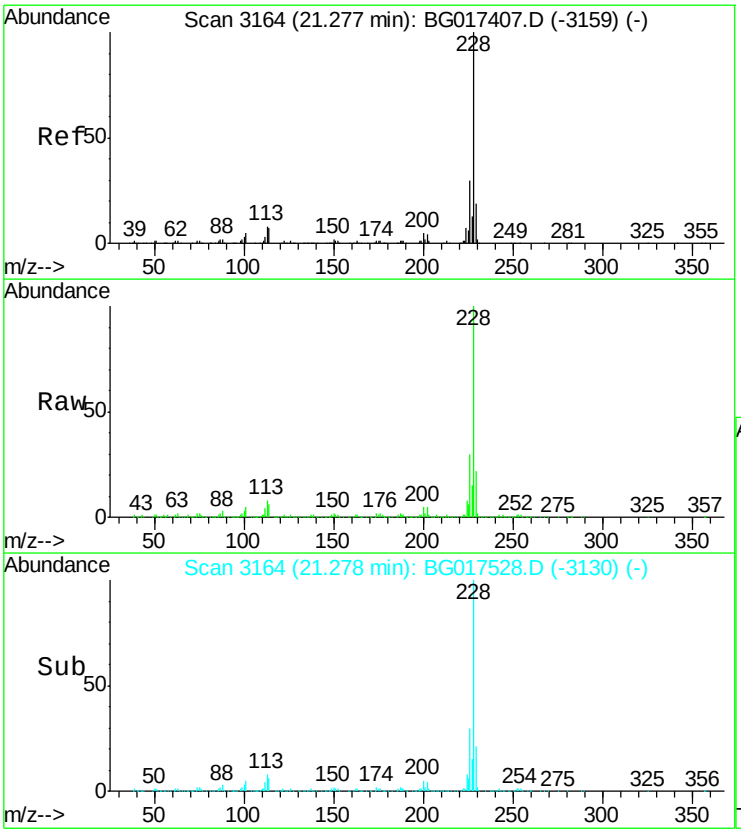
#80
Benzo(a)anthracene
Concen: 38.12 ng
RT: 21.23 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:228 Resp: 340392

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.0	31.6
229	20.2	15.7	23.5

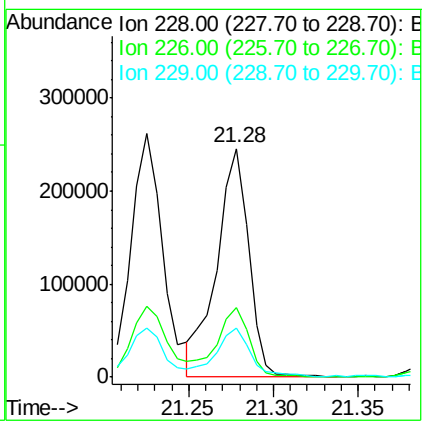


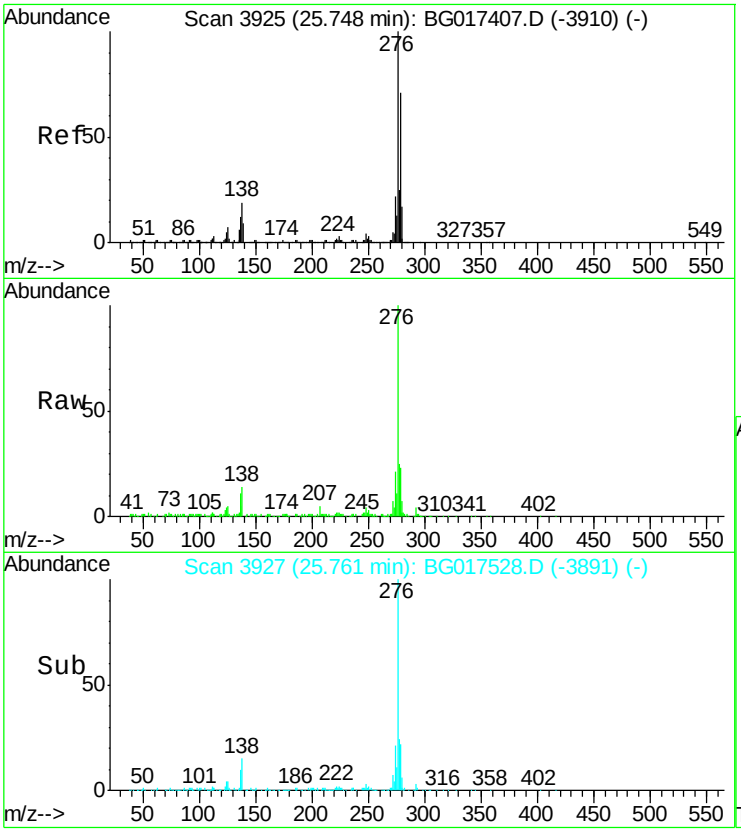


#82
Chrysene
Concen: 39.97 ng
RT: 21.28 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:228 Resp: 323177

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



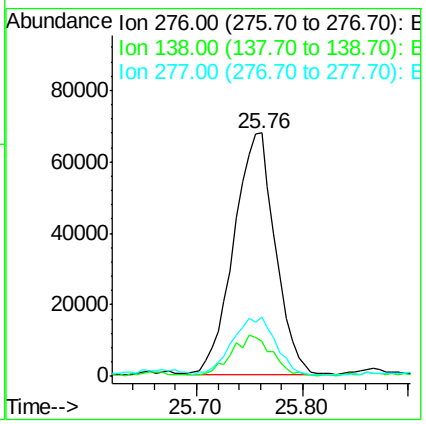


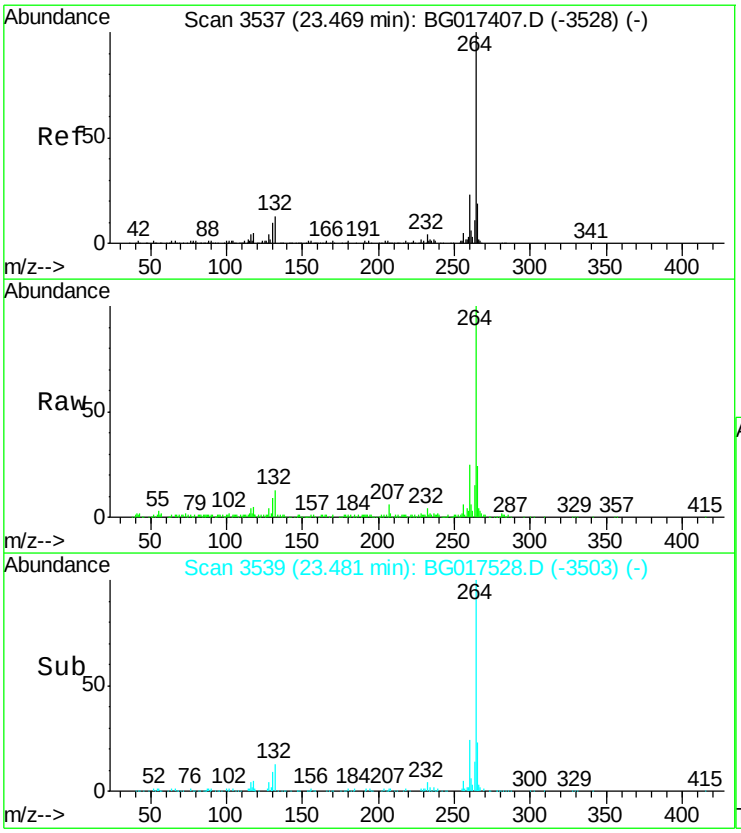
#85
Indeno(1,2,3-cd)pyrene
Concen: 18.09 ng
RT: 25.76 min Scan# 3927
Delta R.T. 0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:276 Resp: 183627

Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.4	23.0
277	25.0	20.5	30.7

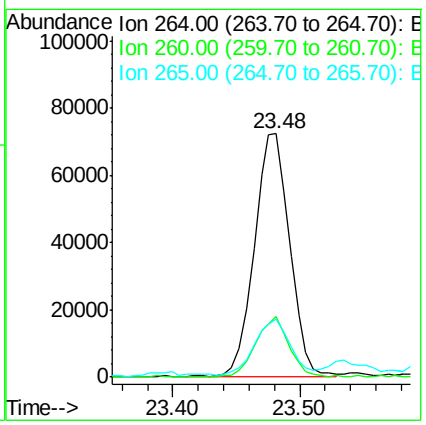


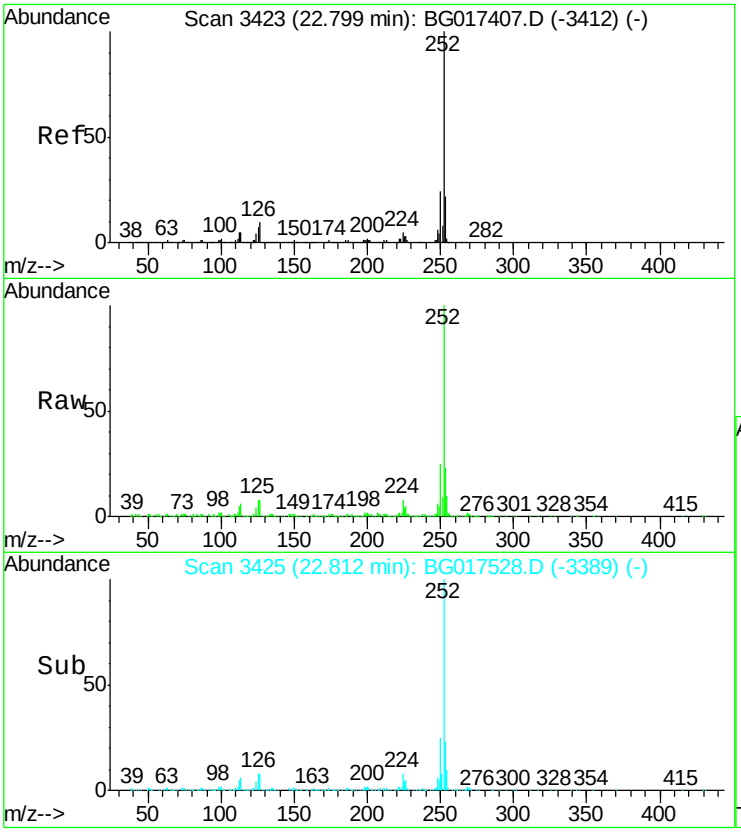


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.48 min Scan# 3539
Delta R.T. 0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:264 Resp: 139635

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.4
265	23.8	15.8	23.6#



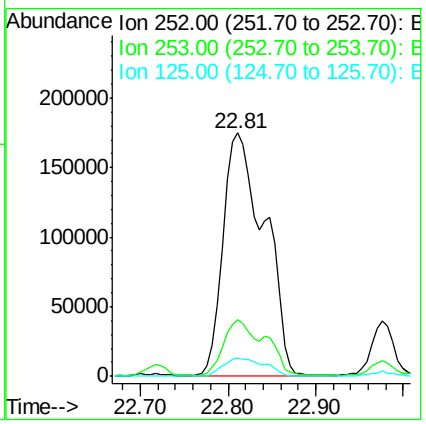


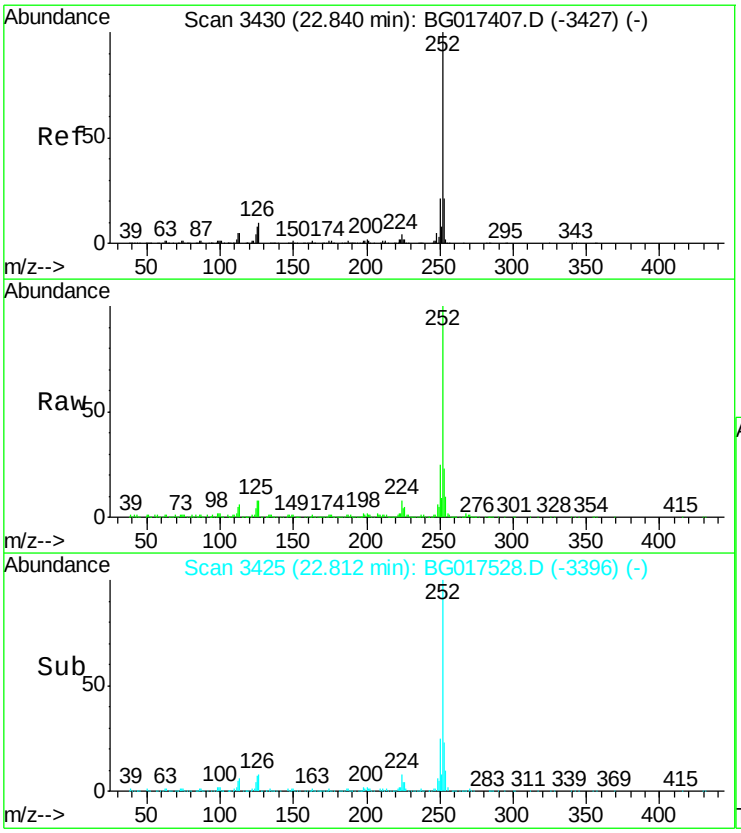
#87
Benzo(b)fluoranthene
Concen: 63.60 ng
RT: 22.81 min Scan# 3425
Delta R.T. 0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:252 Resp: 562800

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	7.8	5.8	8.8

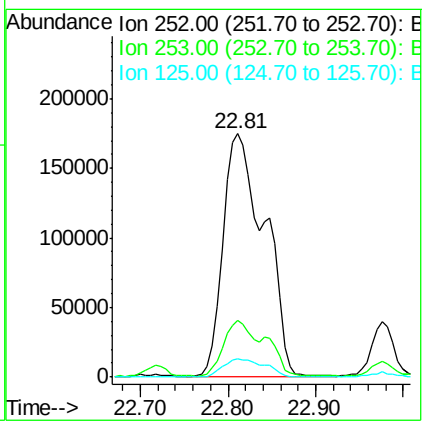


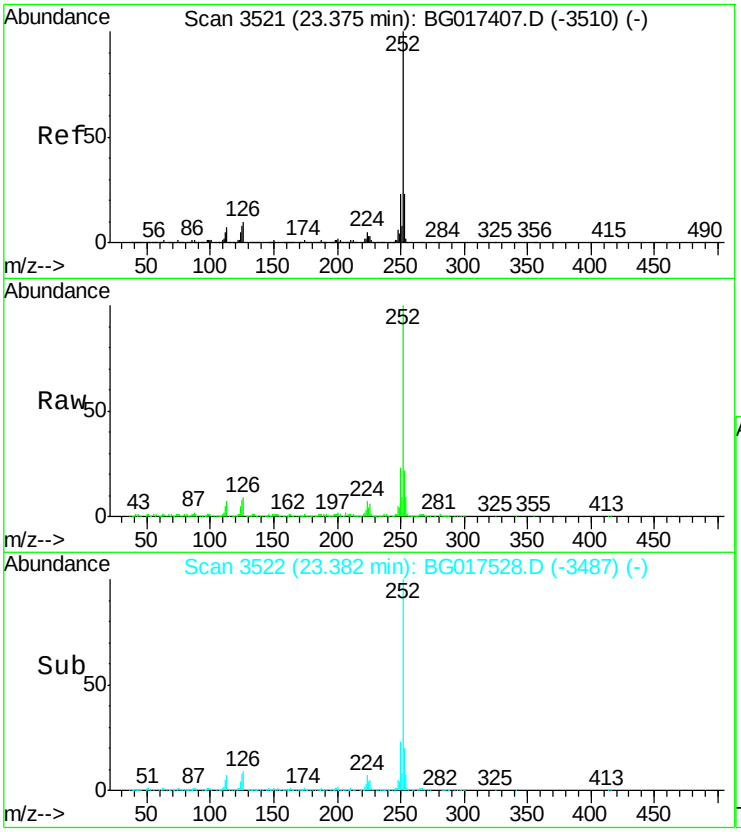


#88
Benzo(k)fluoranthene
Concen: 66.46 ng
RT: 22.81 min Scan# 3425
Delta R.T. -0.03 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:252 Resp: 562800

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	7.8	6.5	9.7



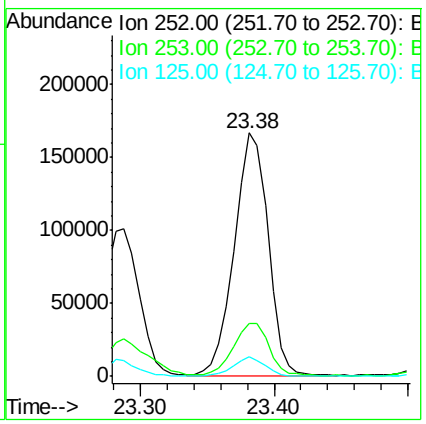


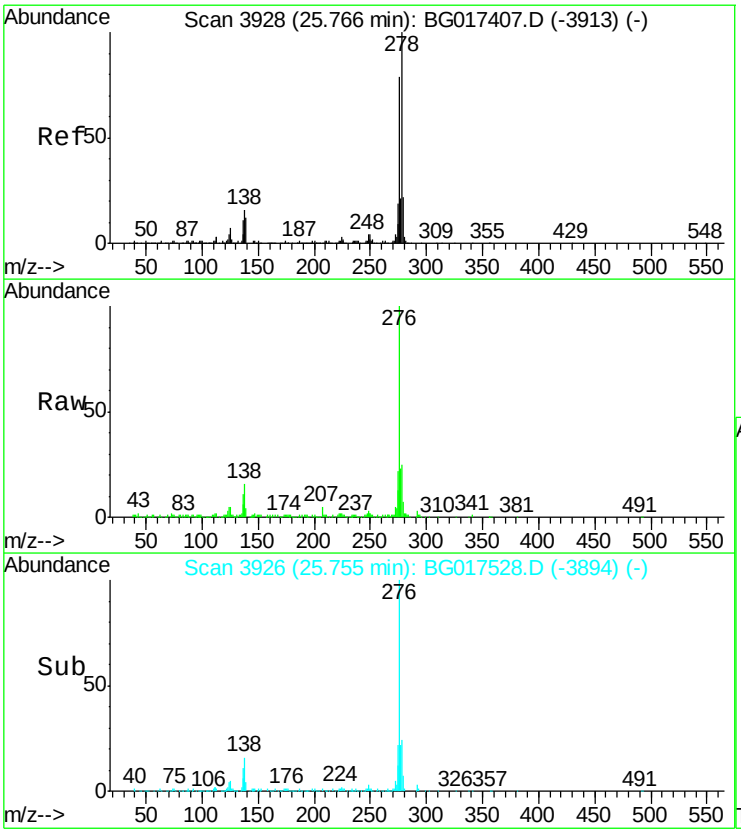
#89
Benzo(a)pyrene
Concen: 35.88 ng
RT: 23.38 min Scan# 3522
Delta R.T. 0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:252 Resp: 291209

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	8.0	6.5	9.7

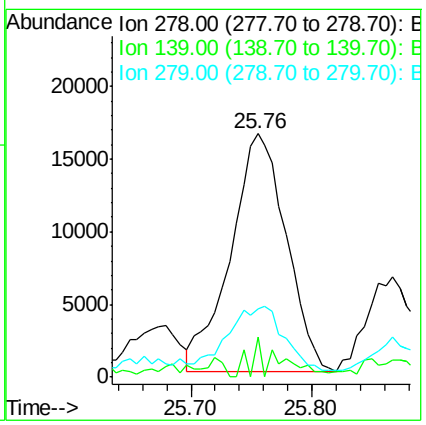


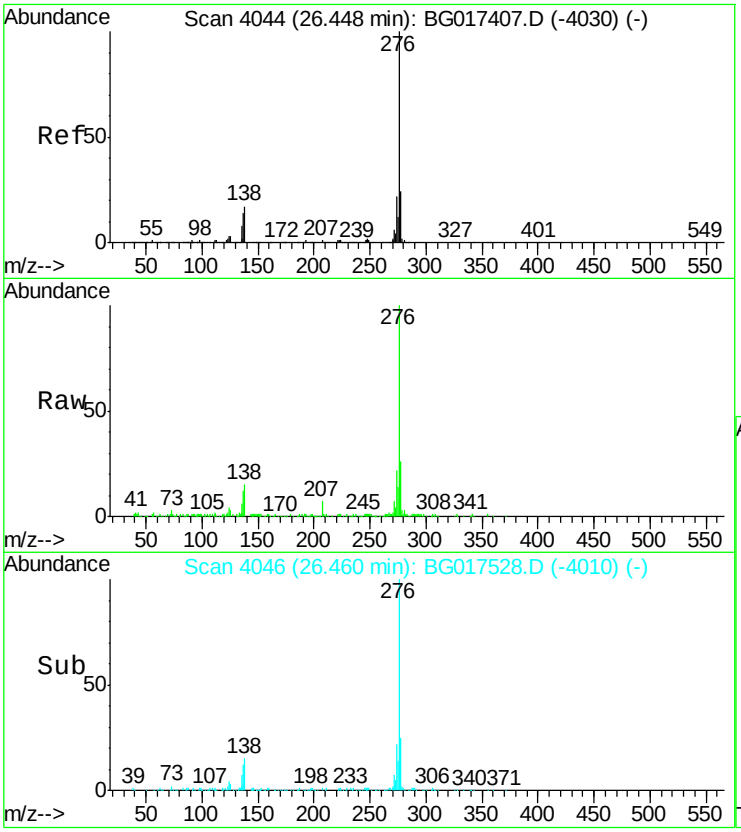


#90
Dibenzo(a,h)anthracene
Concen: 6.16 ng
RT: 25.76 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Tgt Ion:278 Resp: 51933

Ion	Ratio	Lower	Upper
278	100		
139	16.3	9.4	14.0#
279	27.9	17.8	26.8#





#91
Benzo(g,h,i)perylene
Concen: 20.84 ng
RT: 26.46 min Scan# 4046
Delta R.T. 0.01 min
Lab File: BG017528.D
Acq: 7 Jun 2015 11:05

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:276 Resp: 167257

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.2	28.8
138	15.3	13.5	20.3