Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
Data File : BG016817.D
Acq On : 30 Apr 2015 3:47
Operator : TP/IZ
Sample : G2031-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB5

Quant Time: Apr 30 04:36:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 02:30:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	55405	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	250742	20.00	ng		0.00
38) Acenaphthene-d10	14.22	164	149460	20.00	ng		0.00
63) Phenanthrene-d10	16.97	188	286021	20.00	ng		0.00
75) Chrysene-d12	21.16	240	246957	20.00	ng		0.00
86) Perylene-d12	23.36	264	239531	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	317425	105.53	ng		0.00
7) Phenol-d6	6.77	99	443928	105.15	ng		0.00
23) Nitrobenzene-d5	8.73	82	223661	58.11	ng		0.00
41) 2,4,6-Tribromophenol	15.72	330	99401	89.30	ng		0.00
44) 2-Fluorobiphenyl	12.84	172	550914	57.07	ng		0.00
78) Terphenyl-d14	19.60	244	582169	56.86	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	13.68	163	27330	2.55	ng		97
55) 4-Nitrophenol	14.62	139	1229	6.77	ng	#	22
70) Phenanthrene	17.01	178	125771	8.13	ng		97
74) Fluoranthene	19.03	202	217858	13.10	ng		99
77) Pyrene	19.40	202	202756	12.56	ng		99
80) Benzo(a)anthracene	21.14	228	100400	7.04	ng		98
82) Chrysene	21.19	228	97465	7.22	ng		96
83) Bis(2-ethylhexyl)phthalate	21.08	149	75626	6.68	ng		100
85) Indeno(1,2,3-cd)pyrene	25.57	276	60148	3.92	ng		92
87) Benzo(b)fluoranthene	22.70	252	124091	9.10	ng	#	96
88) Benzo(k)fluoranthene	22.70	252	124091	9.29	ng		96
89) Benzo(a)pyrene	23.26	252	89051	6.90	ng		97
91) Benzo(g,h,i)perylene	26.25	276	59584	4.55	ng		98

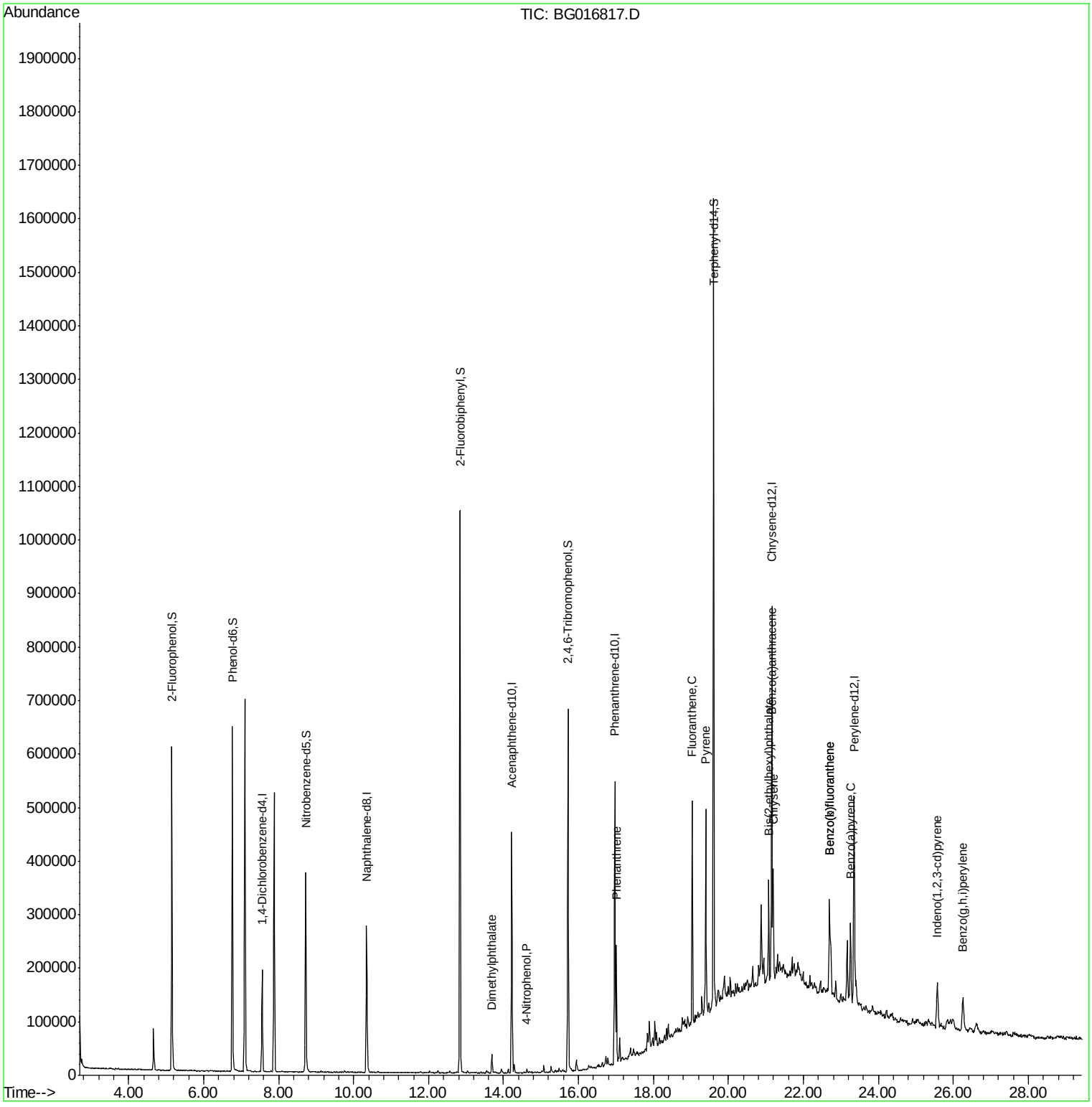
(#) = qualifier out of range (m) = manual integration (+) = signals summed

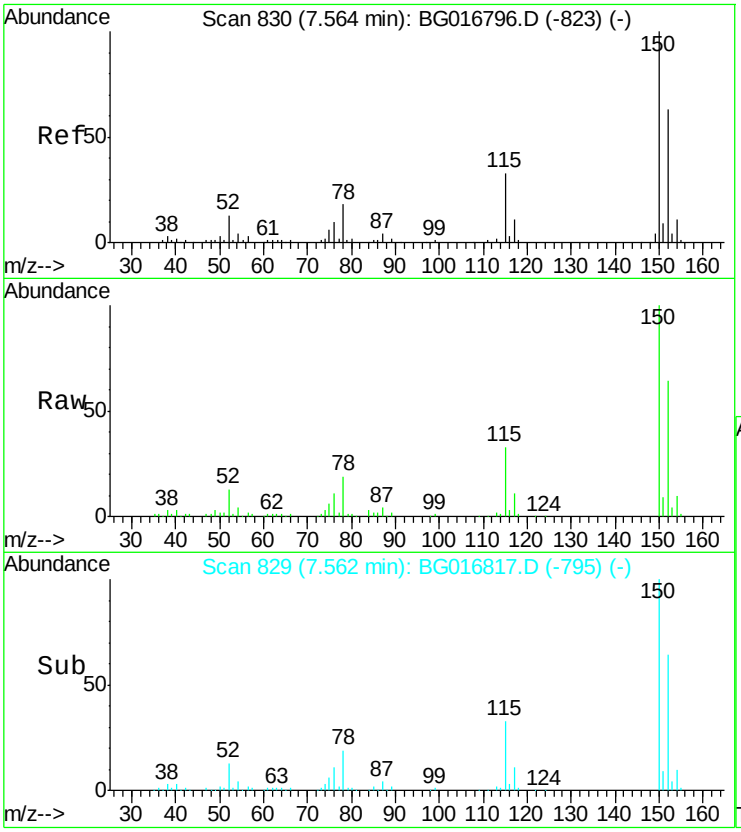
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
Data File : BG016817.D
Acq On : 30 Apr 2015 3:47
Operator : TP/IZ
Sample : G2031-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB5

Quant Time: Apr 30 04:36:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 02:30:36 2015
Response via : Initial Calibration



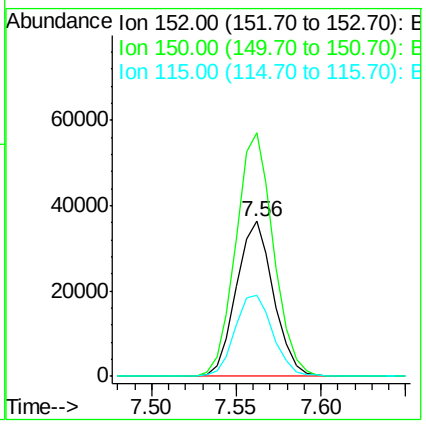


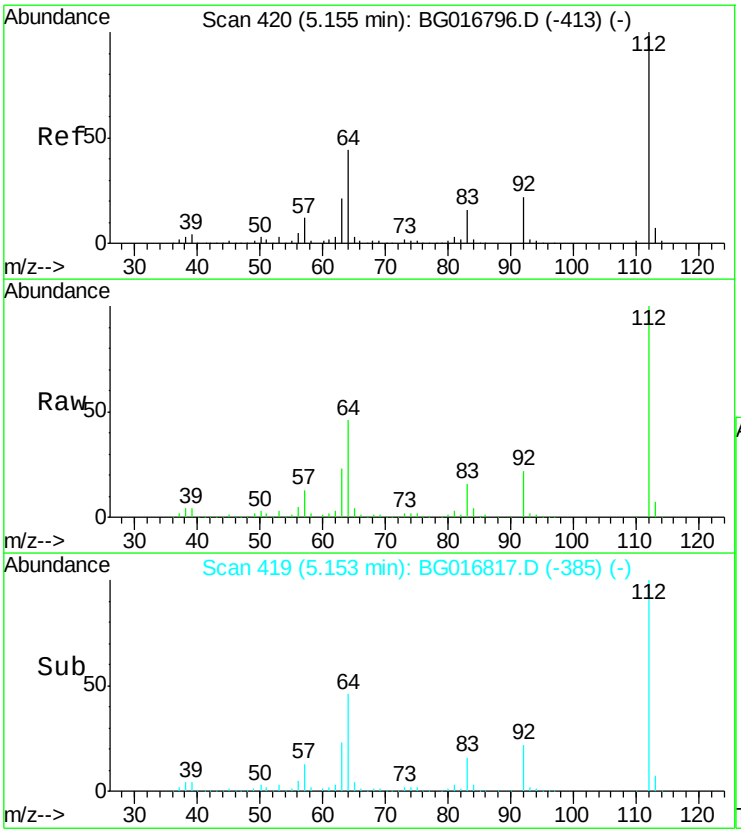
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion:152 Resp: 55405

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.4
115	51.9	41.1	61.7

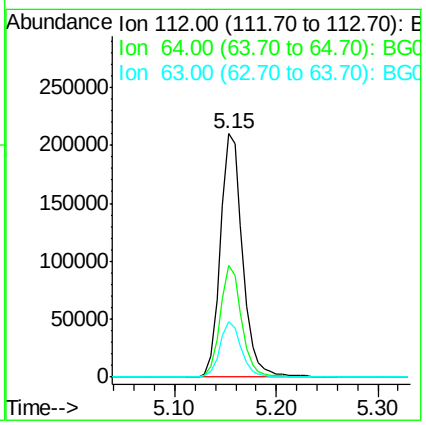


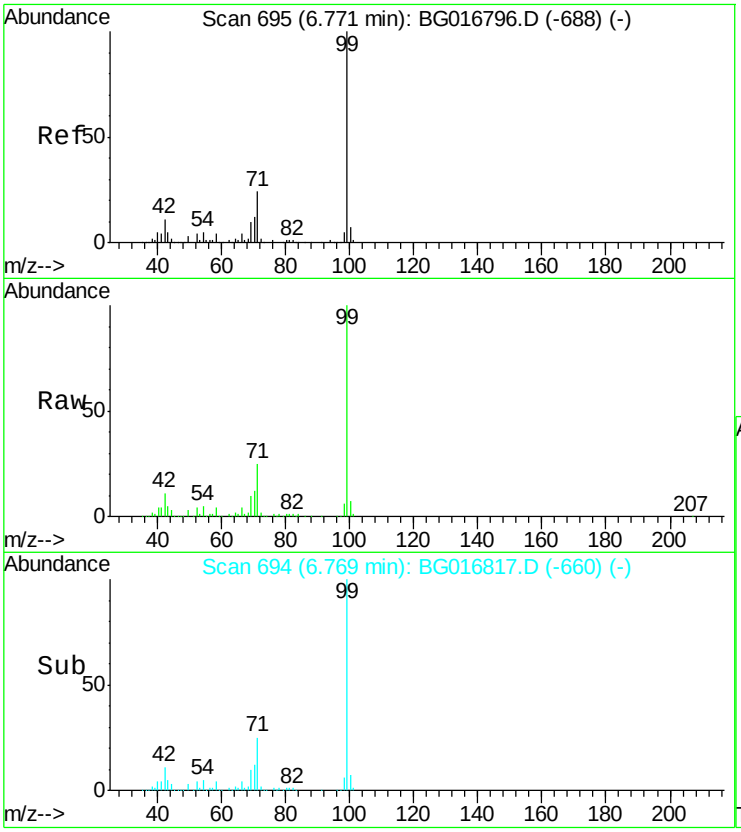


#5
2-Fluorophenol
Concen: 105.53 ng
RT: 5.15 min Scan# 419
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Tgt Ion:112 Resp: 317425

Ion	Ratio	Lower	Upper
112	100		
64	46.2	35.5	53.3
63	22.8	17.2	25.8



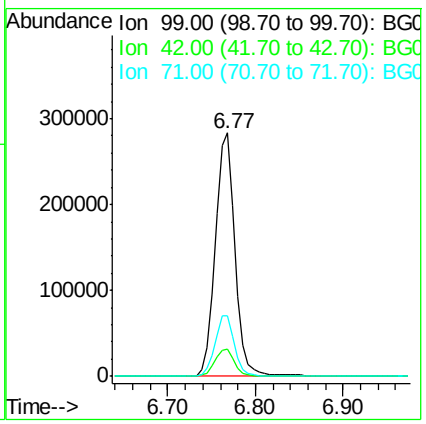


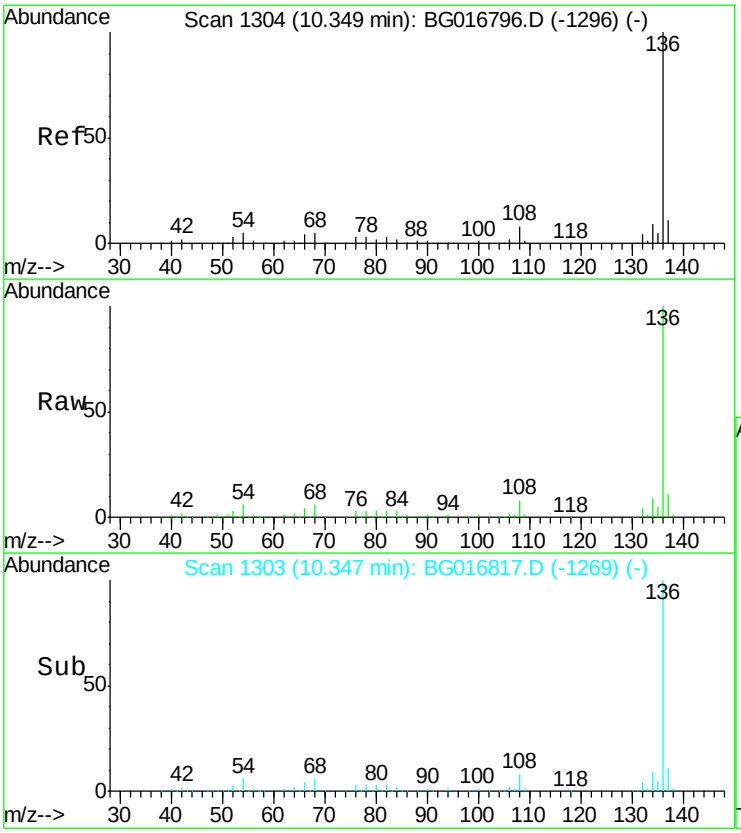
#7
Phenol-d6
Concen: 105.15 ng
RT: 6.77 min Scan# 694
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion: 99 Resp: 443928

Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.9	13.3
71	24.7	19.0	28.6

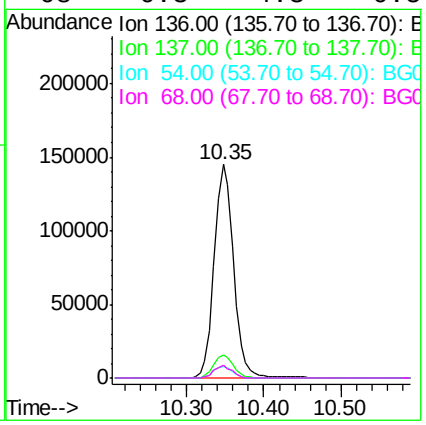


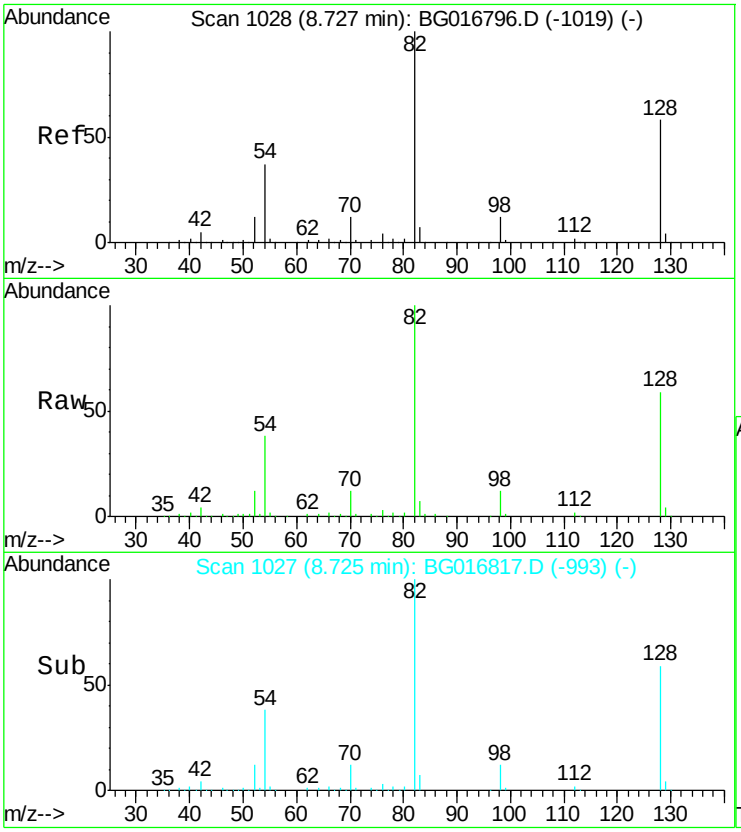


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Tgt Ion:136 Resp: 250742

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	5.6	4.3	6.5
68	6.3	4.3	6.5



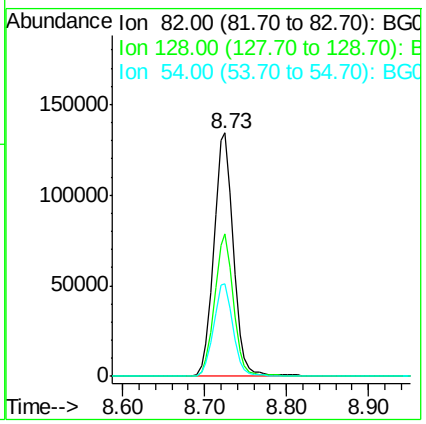


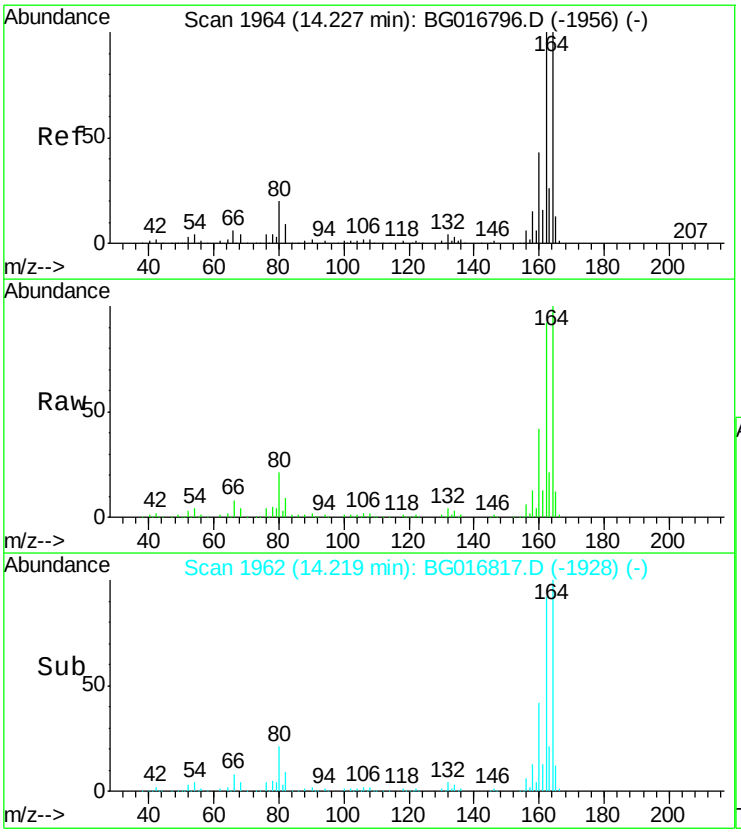
#23
Nitrobenzene-d5
Concen: 58.11 ng
RT: 8.73 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion: 82 Resp: 223661

Ion	Ratio	Lower	Upper
82	100		
128	58.8	46.3	69.5
54	37.8	30.0	45.0

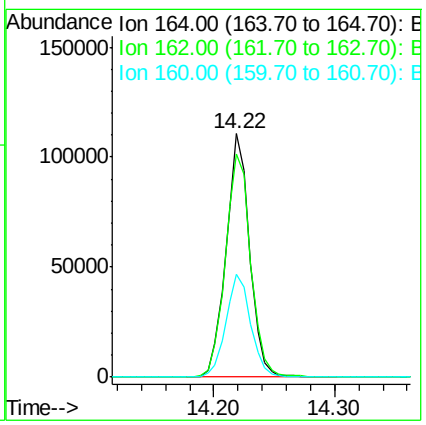


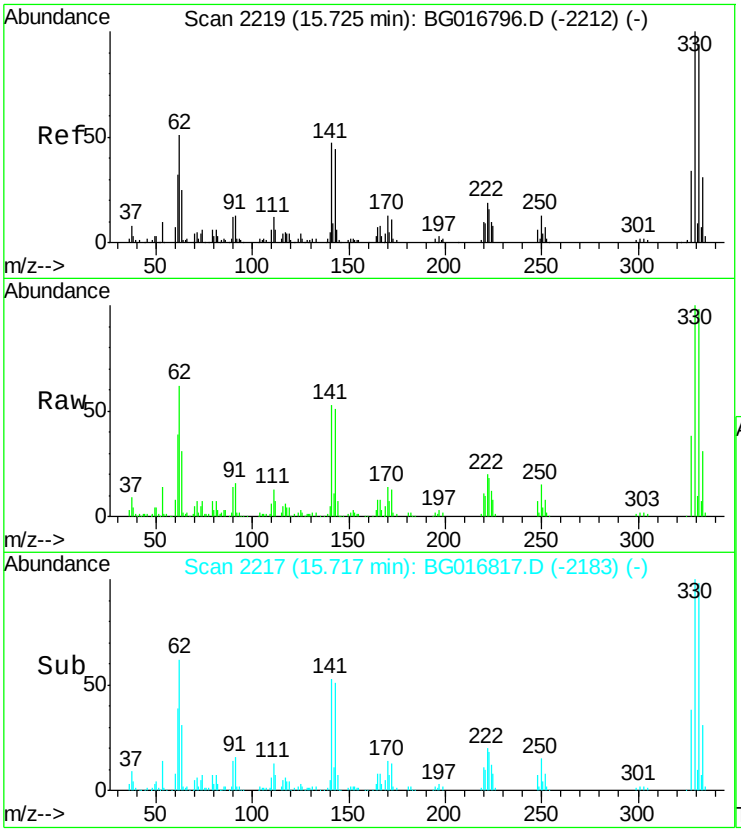


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Tgt Ion:164 Resp: 149460

Ion	Ratio	Lower	Upper
164	100		
162	91.8	80.2	120.4
160	42.5	34.8	52.2



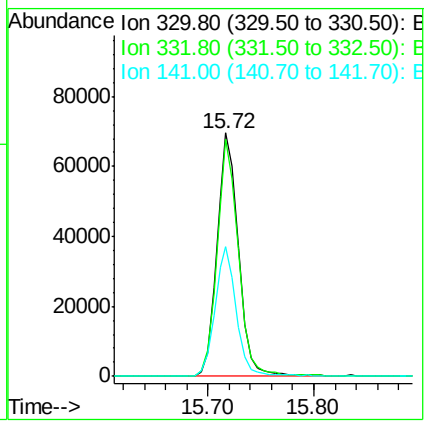


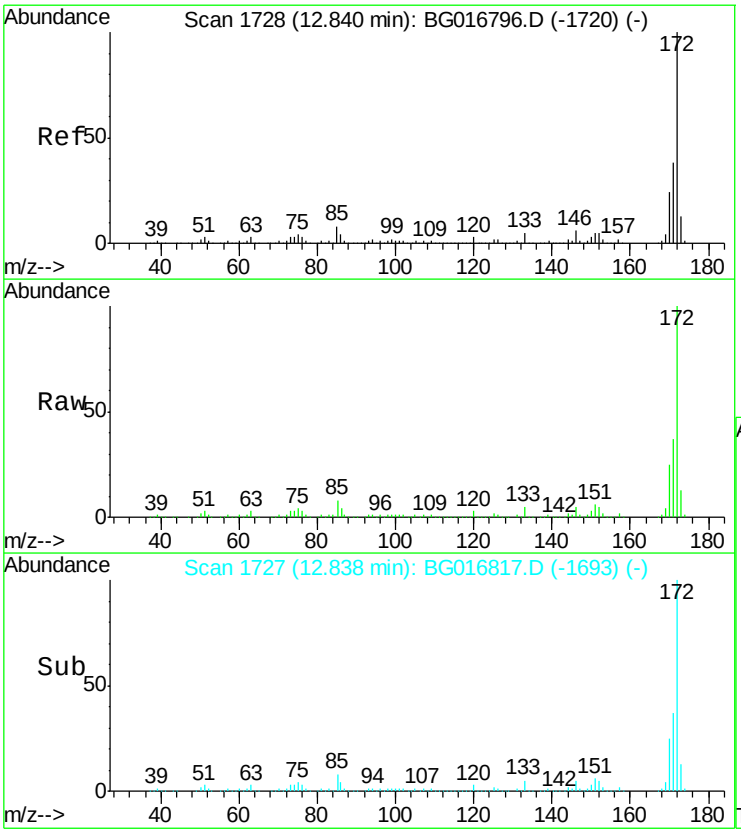
#41
2,4,6-Tribromophenol
Concen: 89.30 ng
RT: 15.72 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion:330 Resp: 99401

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.3	112.9
141	52.0	40.7	61.1

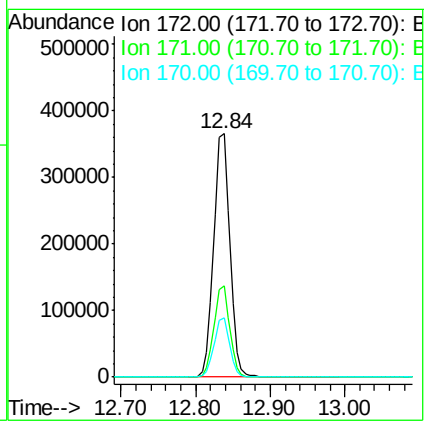


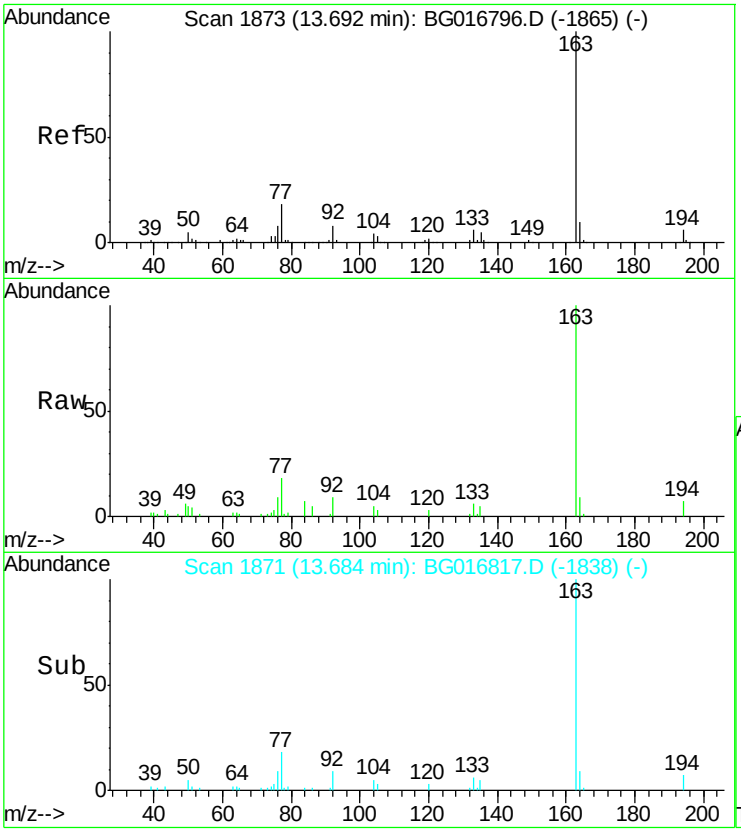


#44
2-Fluorobiphenyl
Concen: 57.07 ng
RT: 12.84 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Tgt Ion:172 Resp: 550914

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.2	45.4
170	24.6	19.4	29.0



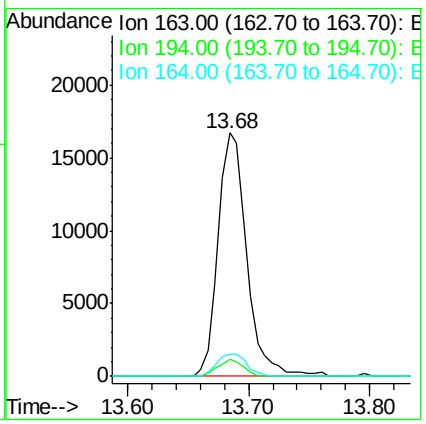


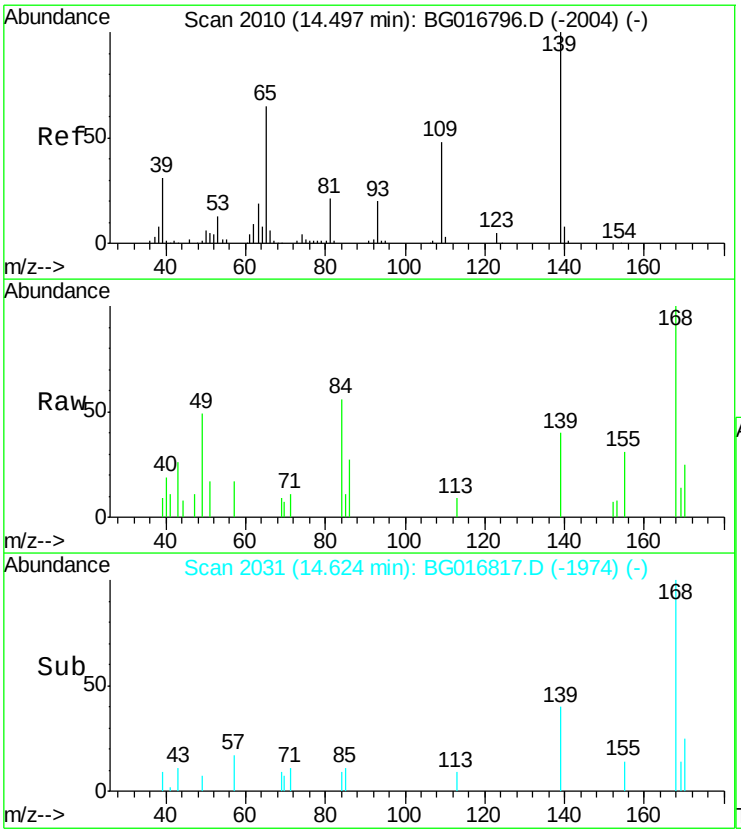
#49
Dimethylphthalate
Concen: 2.55 ng
RT: 13.68 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion:163 Resp: 27330

Ion	Ratio	Lower	Upper
163	100		
194	6.8	4.7	7.1
164	8.9	8.2	12.2

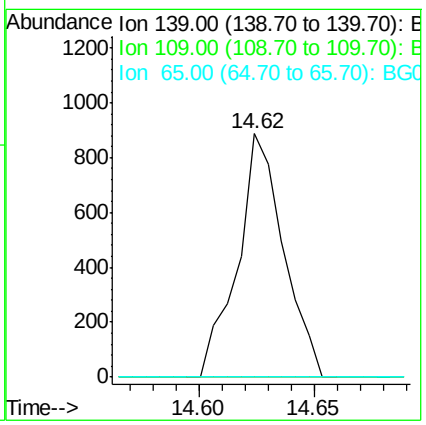


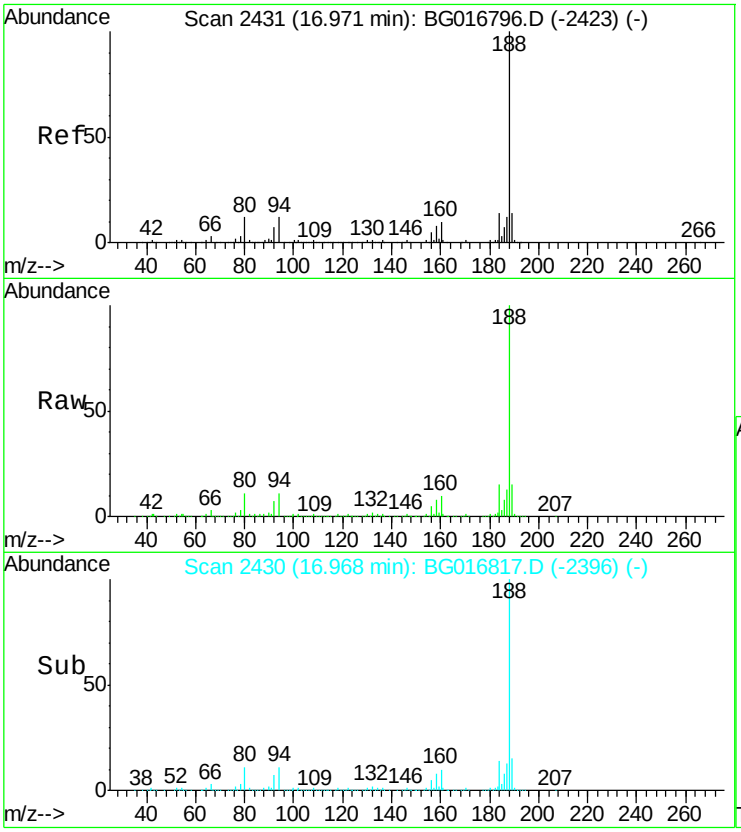


#55
4-Nitrophenol
Concen: 6.77 ng
RT: 14.62 min Scan# 2031
Delta R.T. 0.14 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Tgt Ion:139 Resp: 1229

Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.8	67.8#
65	0.0	45.4	85.4#



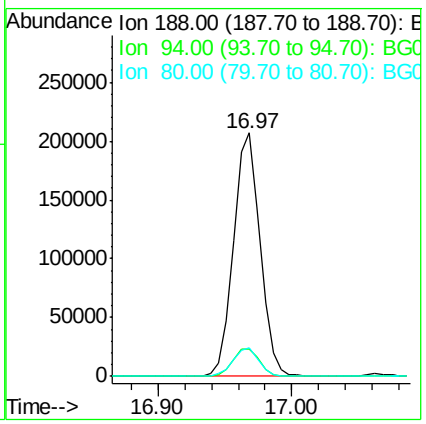


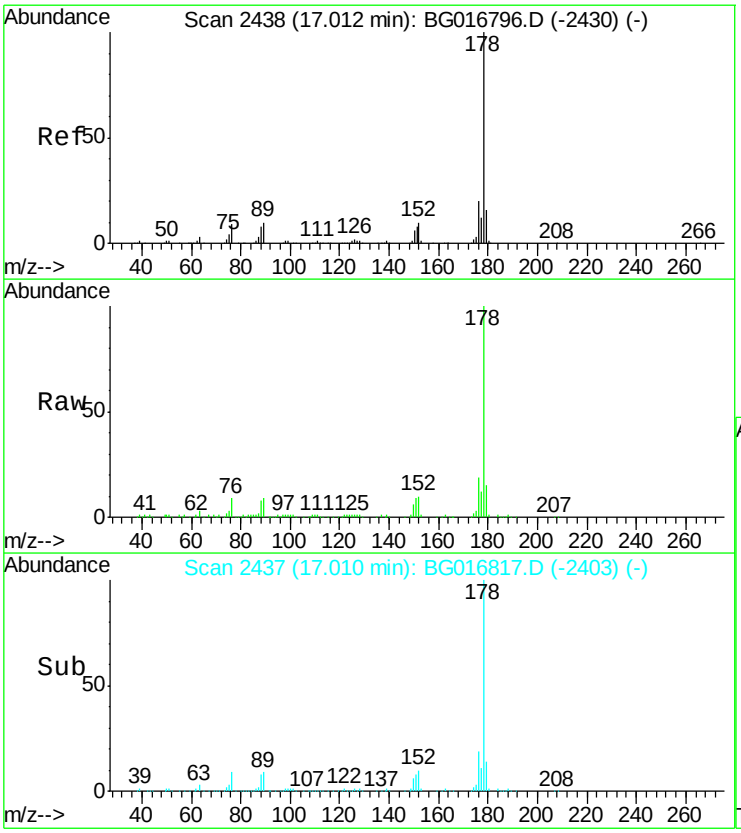
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion:188 Resp: 286021

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.5	14.3
80	11.5	9.2	13.8

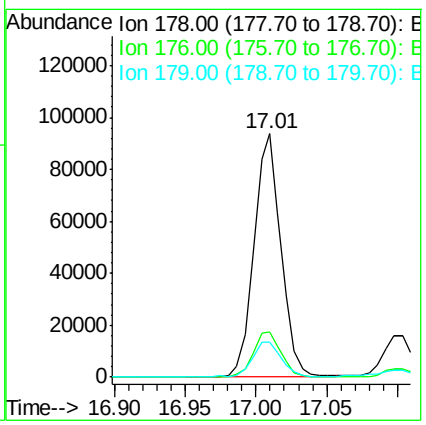


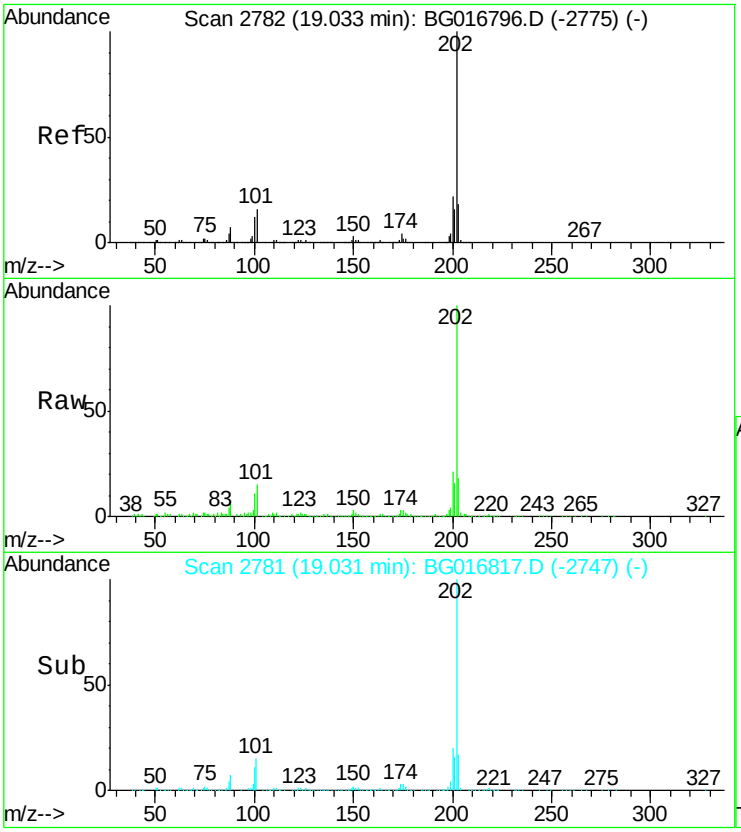


#70
Phenanthrene
Concen: 8.13 ng
RT: 17.01 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Tgt Ion:178 Resp: 125771

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	14.5	12.7	19.1



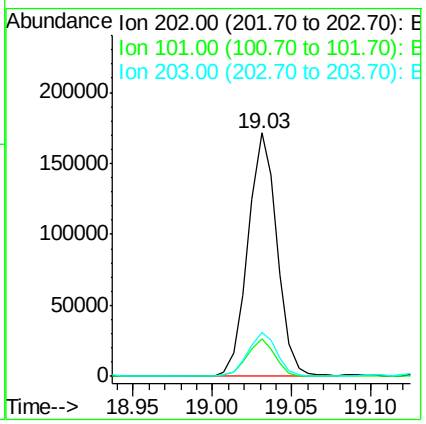


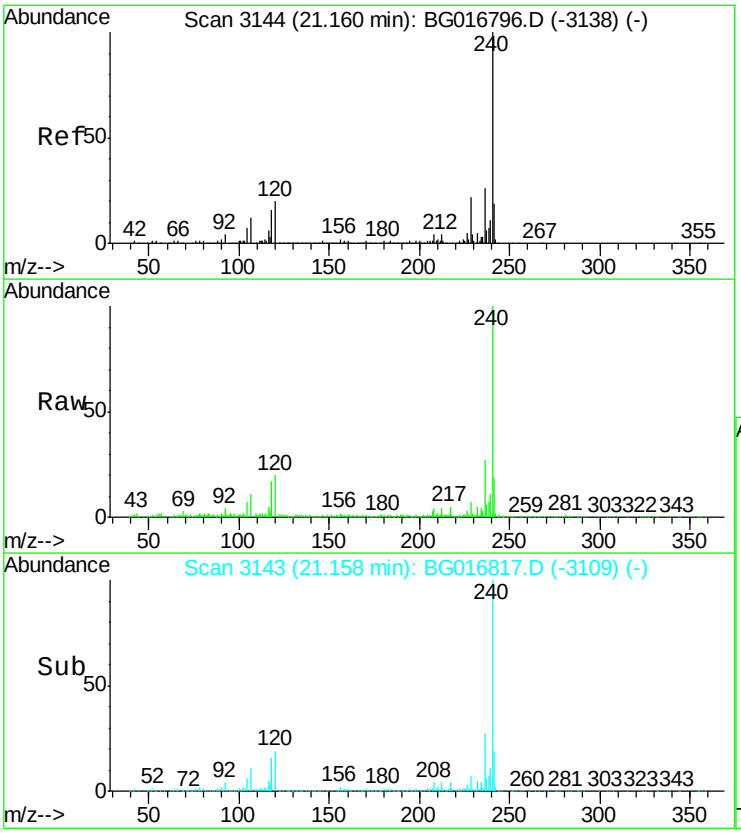
#74
Fluoranthene
Concen: 13.10 ng
RT: 19.03 min Scan# 2781
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion:202 Resp: 217858

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	36.2
203	17.9	0.0	37.6

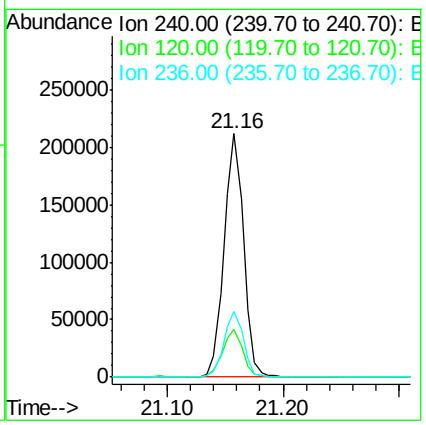


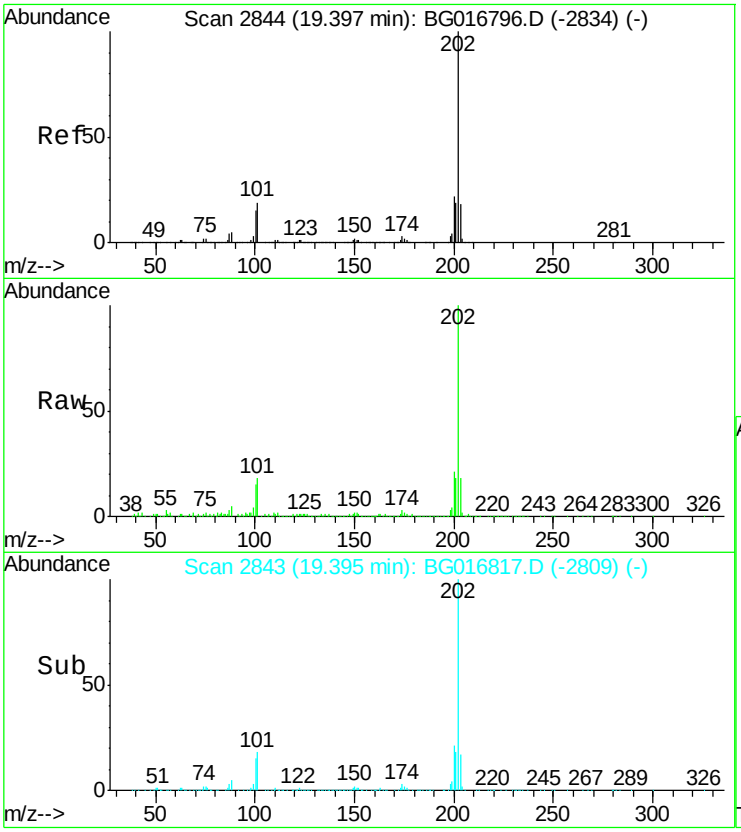


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Tgt Ion:240 Resp: 246957

Ion	Ratio	Lower	Upper
240	100		
120	19.7	16.1	24.1
236	27.0	21.0	31.6



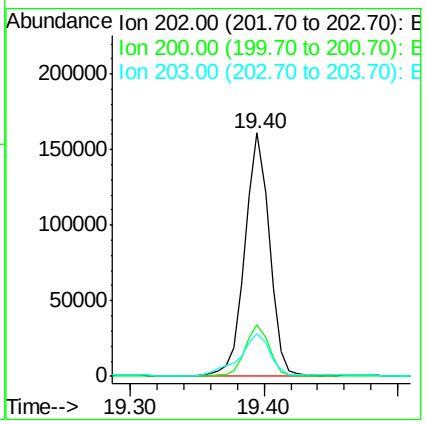


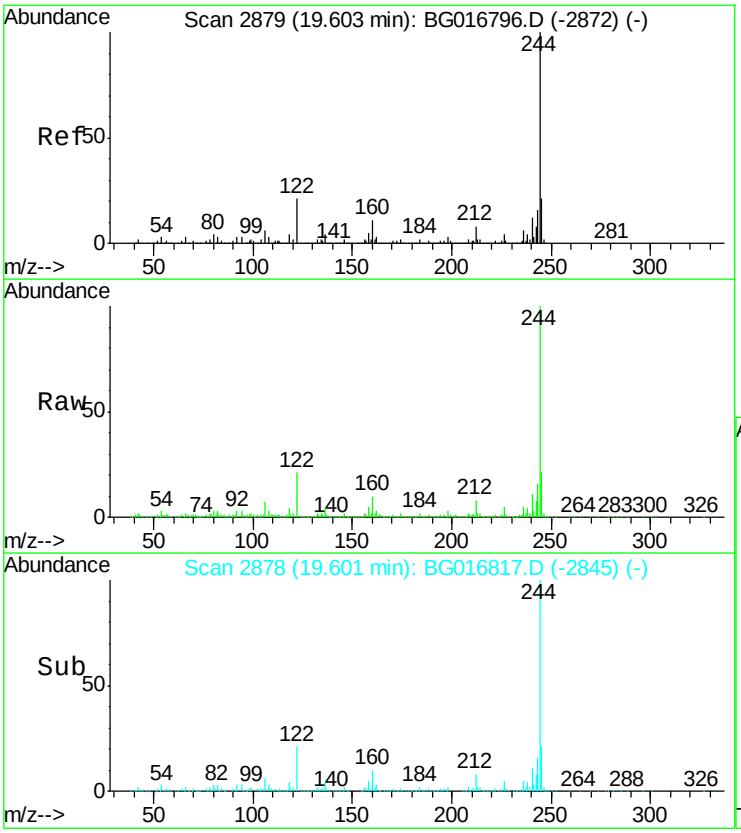
#77
Pyrene
Concen: 12.56 ng
RT: 19.40 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion:202 Resp: 202756

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.3	25.9
203	17.6	14.6	22.0

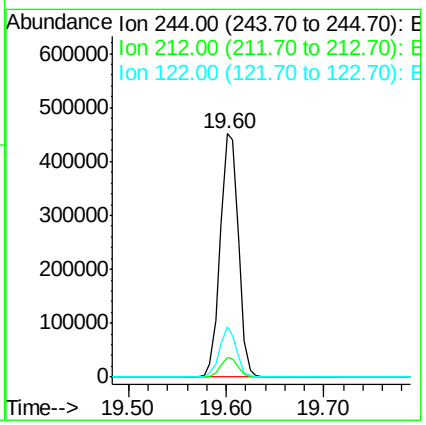


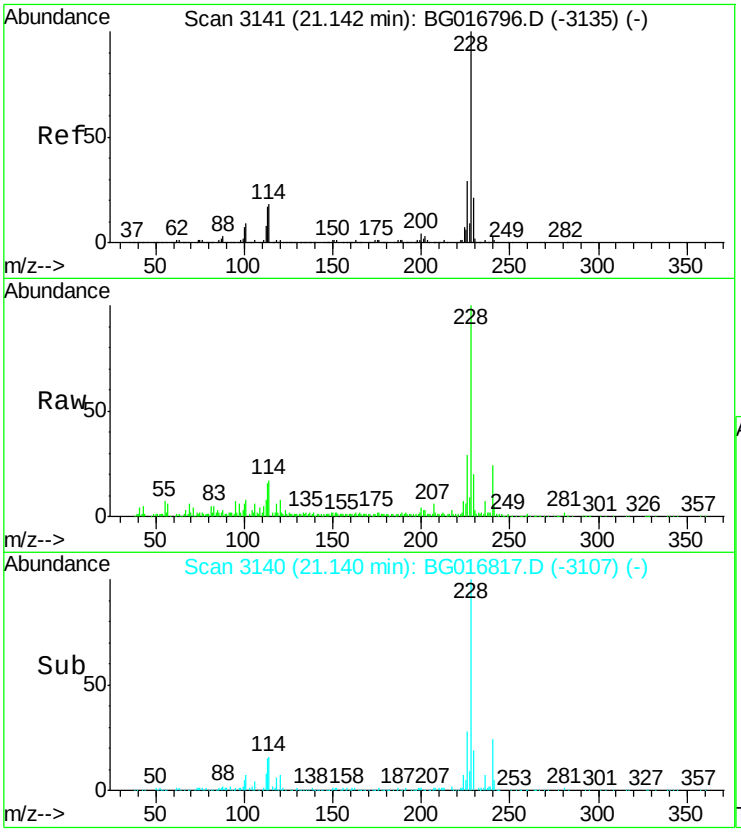


#78
Terphenyl-d14
Concen: 56.86 ng
RT: 19.60 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Tgt Ion:244 Resp: 582169

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	20.7	16.4	24.6



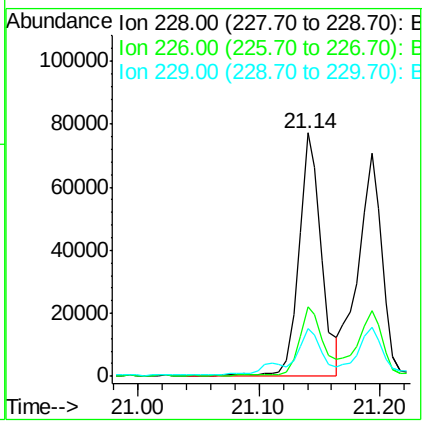


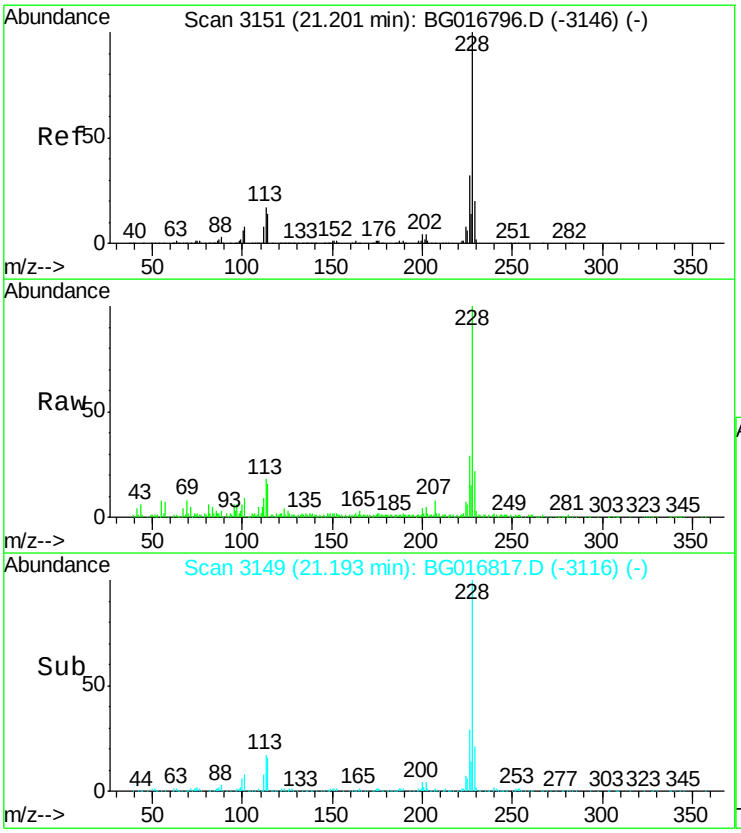
#80
Benzo(a)anthracene
Concen: 7.04 ng
RT: 21.14 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion:228 Resp: 100400

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.0
229	19.7	17.0	25.6

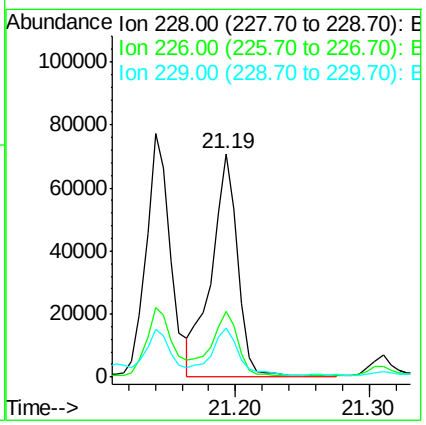


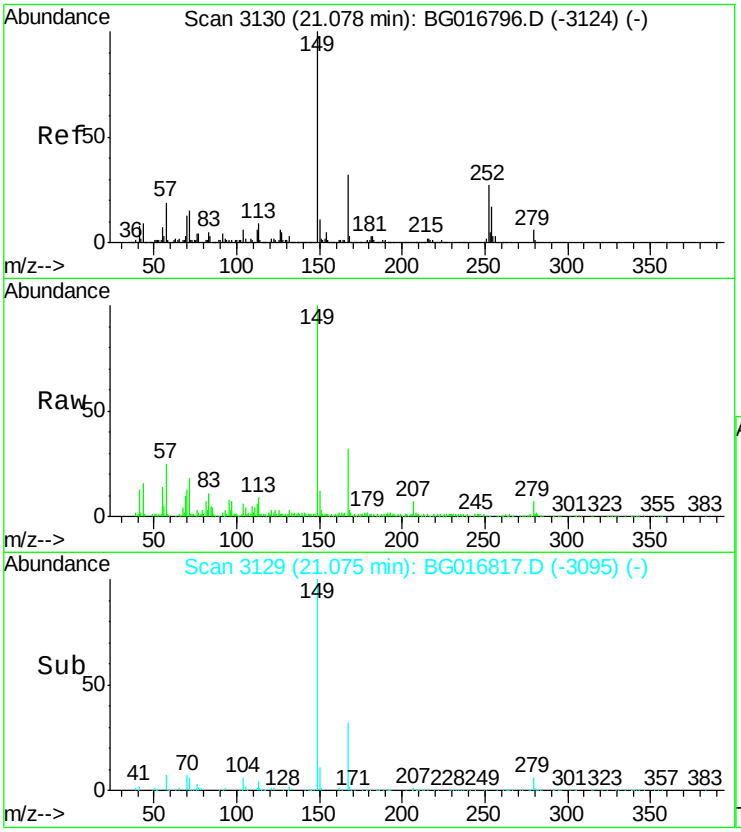


#82
Chrysene
Concen: 7.22 ng
RT: 21.19 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Tgt Ion:228 Resp: 97465

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.1	37.7
229	22.0	16.1	24.1



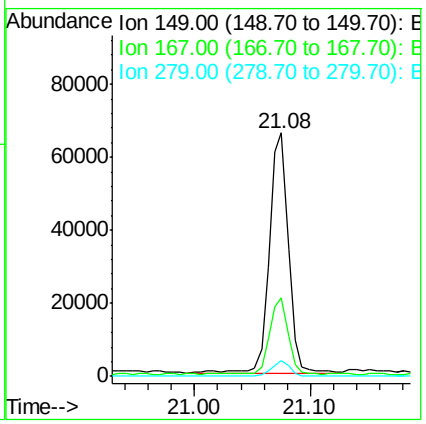


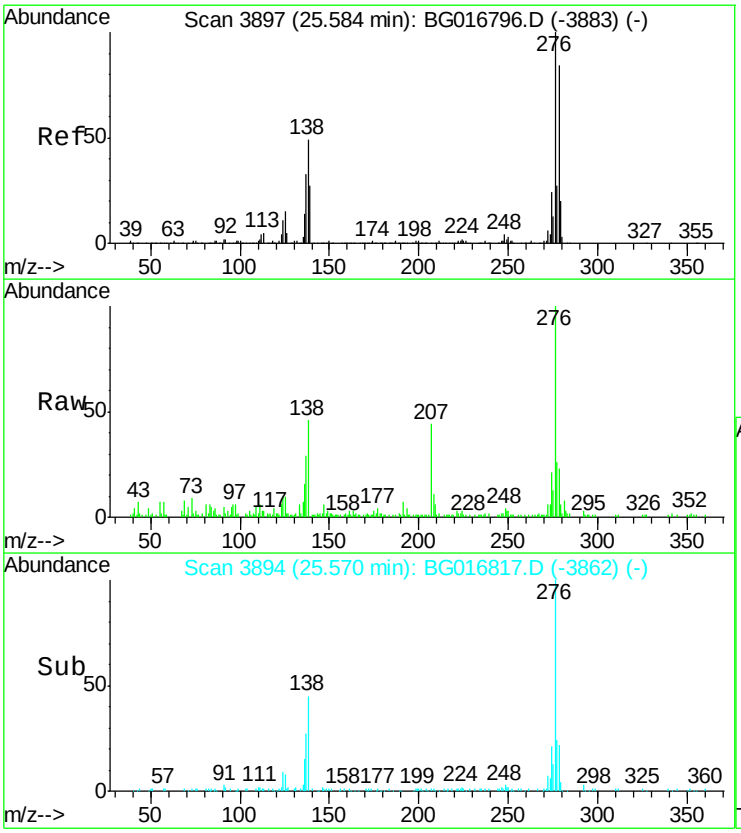
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.68 ng
RT: 21.08 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion:149 Resp: 75626

Ion	Ratio	Lower	Upper
149	100		
167	32.3	25.9	38.9
279	6.6	5.0	7.4

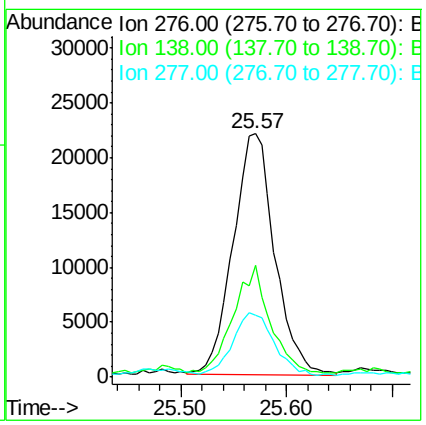


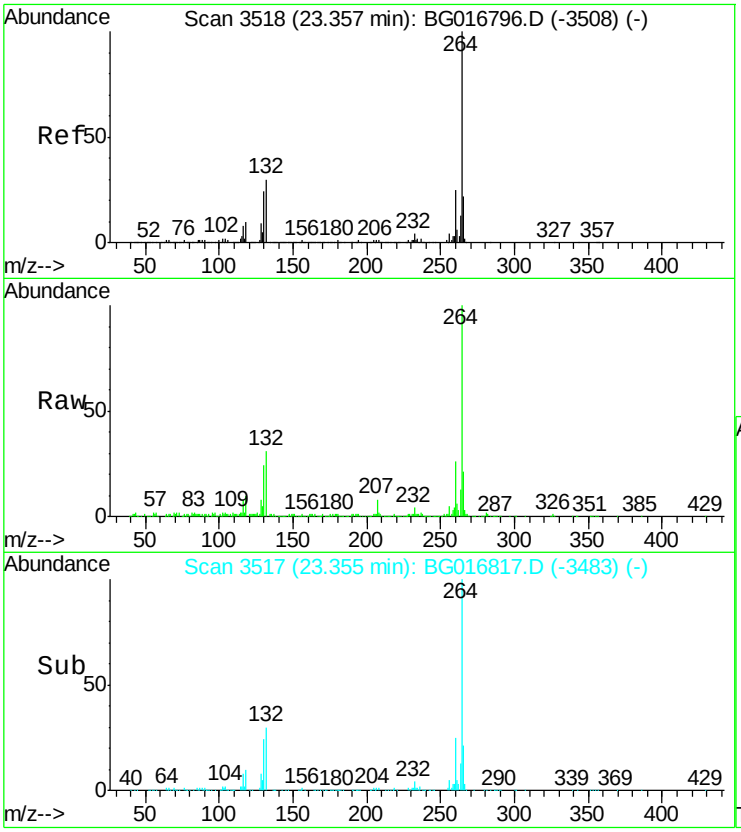


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.92 ng
RT: 25.57 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Tgt Ion:276 Resp: 60148

Ion	Ratio	Lower	Upper
276	100		
138	39.1	37.0	55.6
277	25.2	21.4	32.0



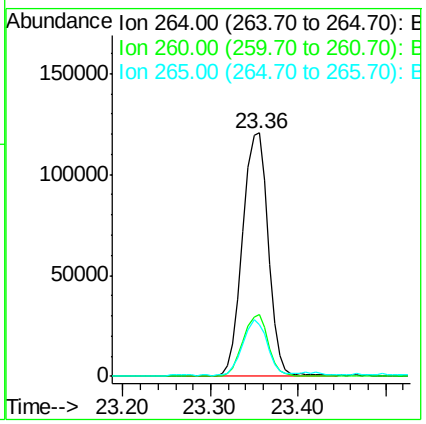


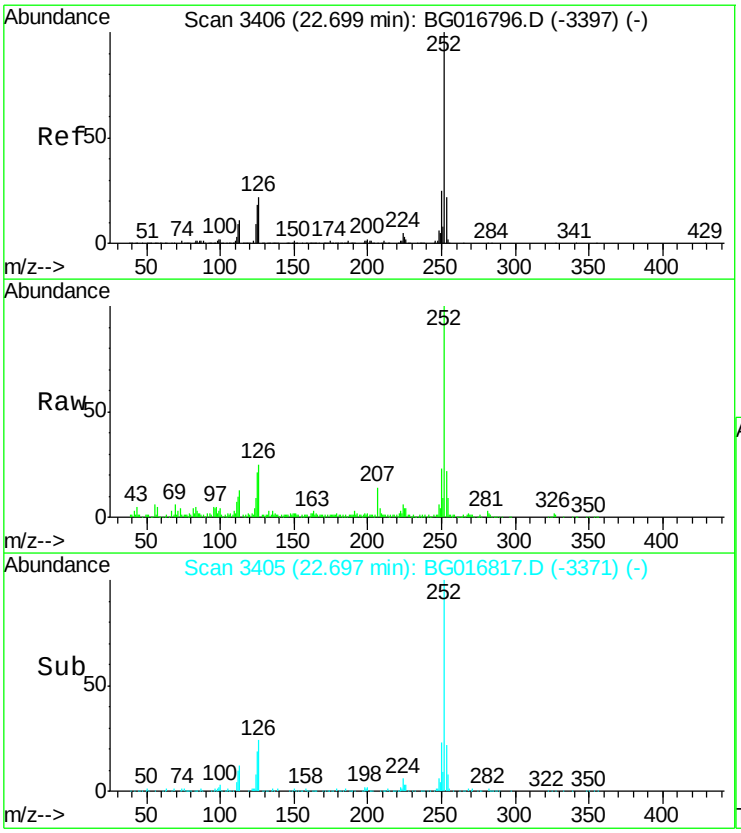
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion:264 Resp: 239531

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.7	29.5
265	21.3	17.4	26.2

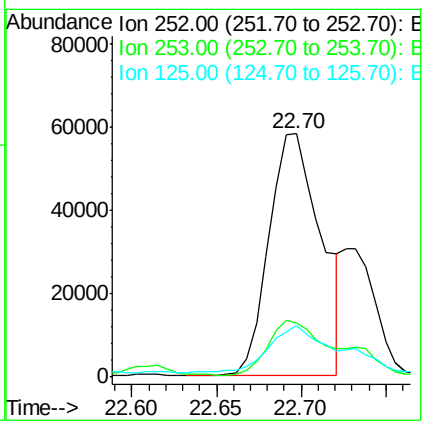


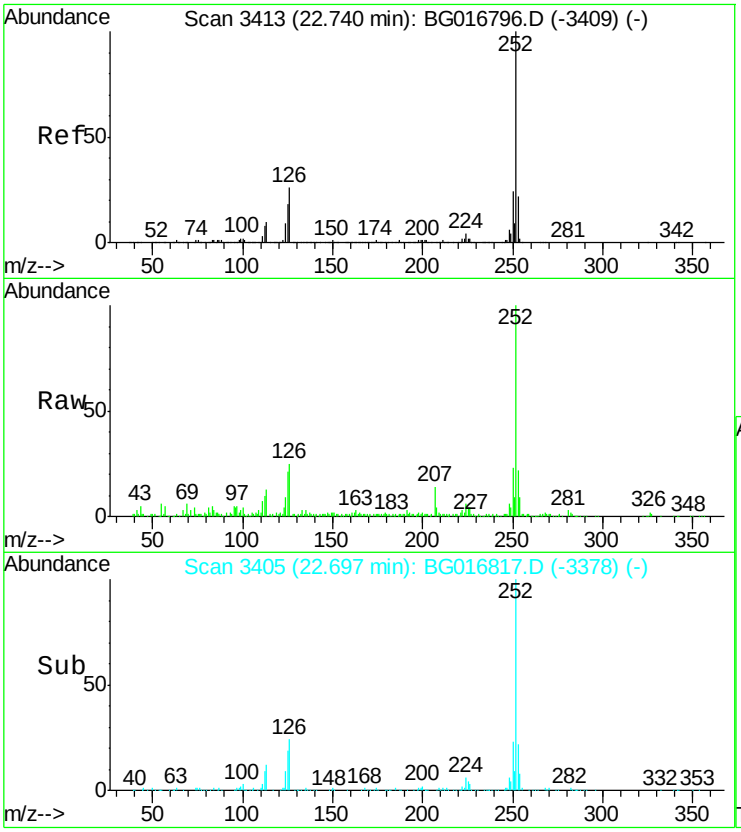


#87
Benzo(b)fluoranthene
Concen: 9.10 ng
RT: 22.70 min Scan# 3405
Delta R.T. 0.00 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Tgt Ion:252 Resp: 124091

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	21.4	14.2	21.2#



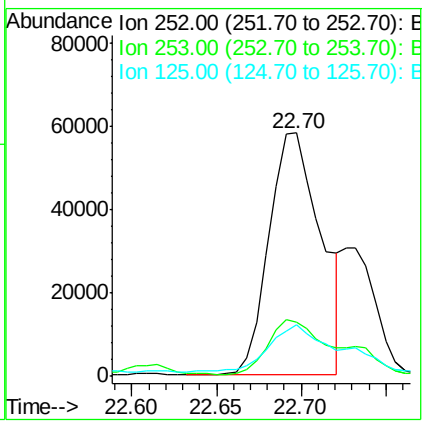


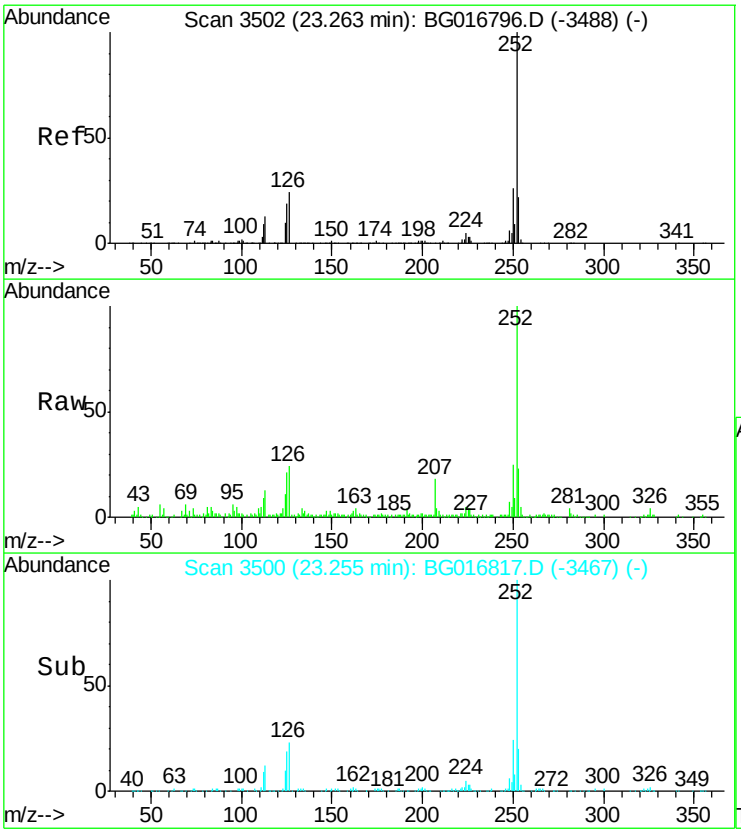
#88
Benzo(k)fluoranthene
Concen: 9.29 ng
RT: 22.70 min Scan# 3405
Delta R.T. -0.04 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion:252 Resp: 124091

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	21.4	14.5	21.7

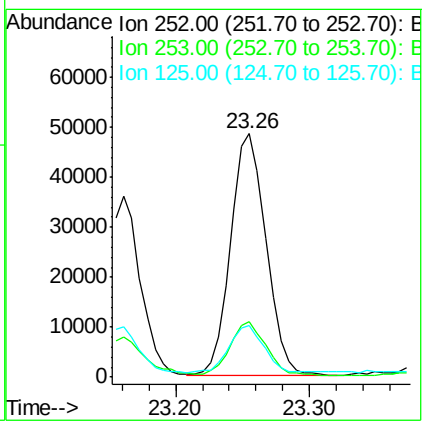


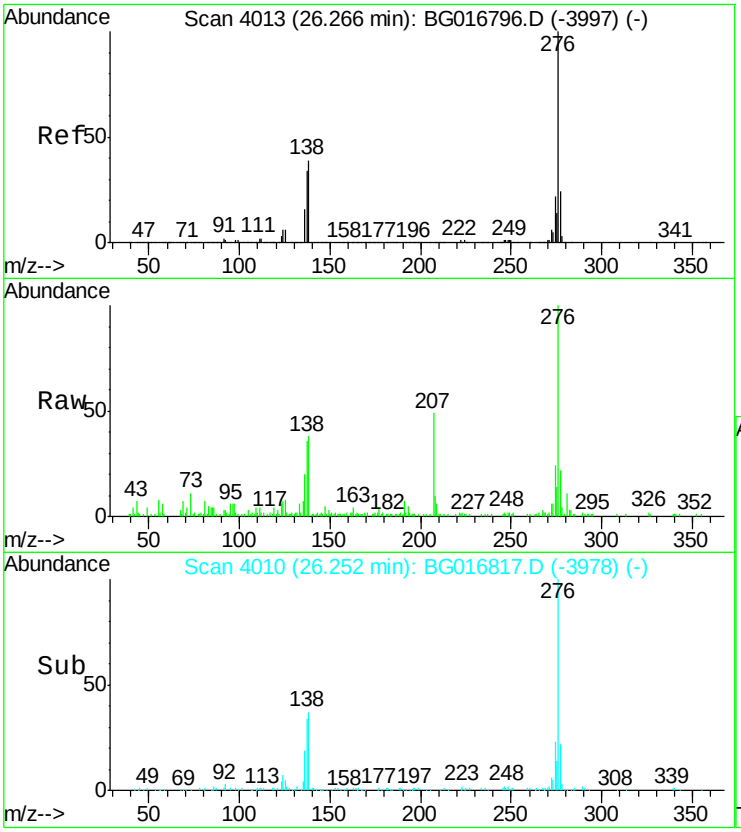


#89
Benzo(a)pyrene
Concen: 6.90 ng
RT: 23.26 min Scan# 3500
Delta R.T. -0.01 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Tgt Ion:252 Resp: 89051

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	21.4	15.0	22.4





#91
Benzo(g,h,i)perylene
Concen: 4.55 ng
RT: 26.25 min Scan# 4010
Delta R.T. -0.01 min
Lab File: BG016817.D
Acq: 30 Apr 2015 3:47

Instrument :
BNA_G
ClientSampleId :
SB5

Tgt Ion:276 Resp: 59584

Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.6	29.4
138	38.3	31.0	46.4