Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017544.D
Acq On : 8 Jun 2015 15:44
Operator : TP/IZ
Sample : G2464-16 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-15AS

Quant Time: Jun 09 02:15:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 02:10:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	19277	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	79123	20.00	ng		0.00
38) Acenaphthene-d10	14.28	164	50821	20.00	ng		0.00
63) Phenanthrene-d10	17.04	188	110127	20.00	ng		0.00
75) Chrysene-d12	21.23	240	123685	20.00	ng		0.00
86) Perylene-d12	23.47	264	128280	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	26459	24.18	ng		0.00
7) Phenol-d6	6.83	99	33942	22.77	ng		0.00
23) Nitrobenzene-d5	8.78	82	24520	15.47	ng		0.00
41) 2,4,6-Tribromophenol	15.79	330	14081	19.95	ng		0.00
44) 2-Fluorobiphenyl	12.90	172	52797	15.67	ng		0.00
78) Terphenyl-d14	19.68	244	80195	13.40	ng		0.00
Target Compounds							Qvalue
55) 4-Nitrophenol	14.69	139	1315	2.31	ng	#	1
70) Phenanthrene	17.08	178	56733	9.24	ng		99
71) Anthracene	17.08	178	56733	9.25	ng		97
74) Fluoranthene	19.11	202	119541	14.89	ng		97
77) Pyrene	19.47	202	109138	14.32	ng		99
80) Benzo(a)anthracene	21.21	228	60627	7.97	ng		94
82) Chrysene	21.21	228	60627	8.80	ng		97
85) Indeno(1,2,3-cd)pyrene	25.74	276	36764	4.25	ng		94
87) Benzo(b)fluoranthene	22.80	252	77864	9.58	ng		98
88) Benzo(k)fluoranthene	22.80	252	77864	10.01	ng		99
89) Benzo(a)pyrene	23.37	252	58677	7.87	ng		96
91) Benzo(g,h,i)perylene	26.44	276	38748	5.26	ng	#	95

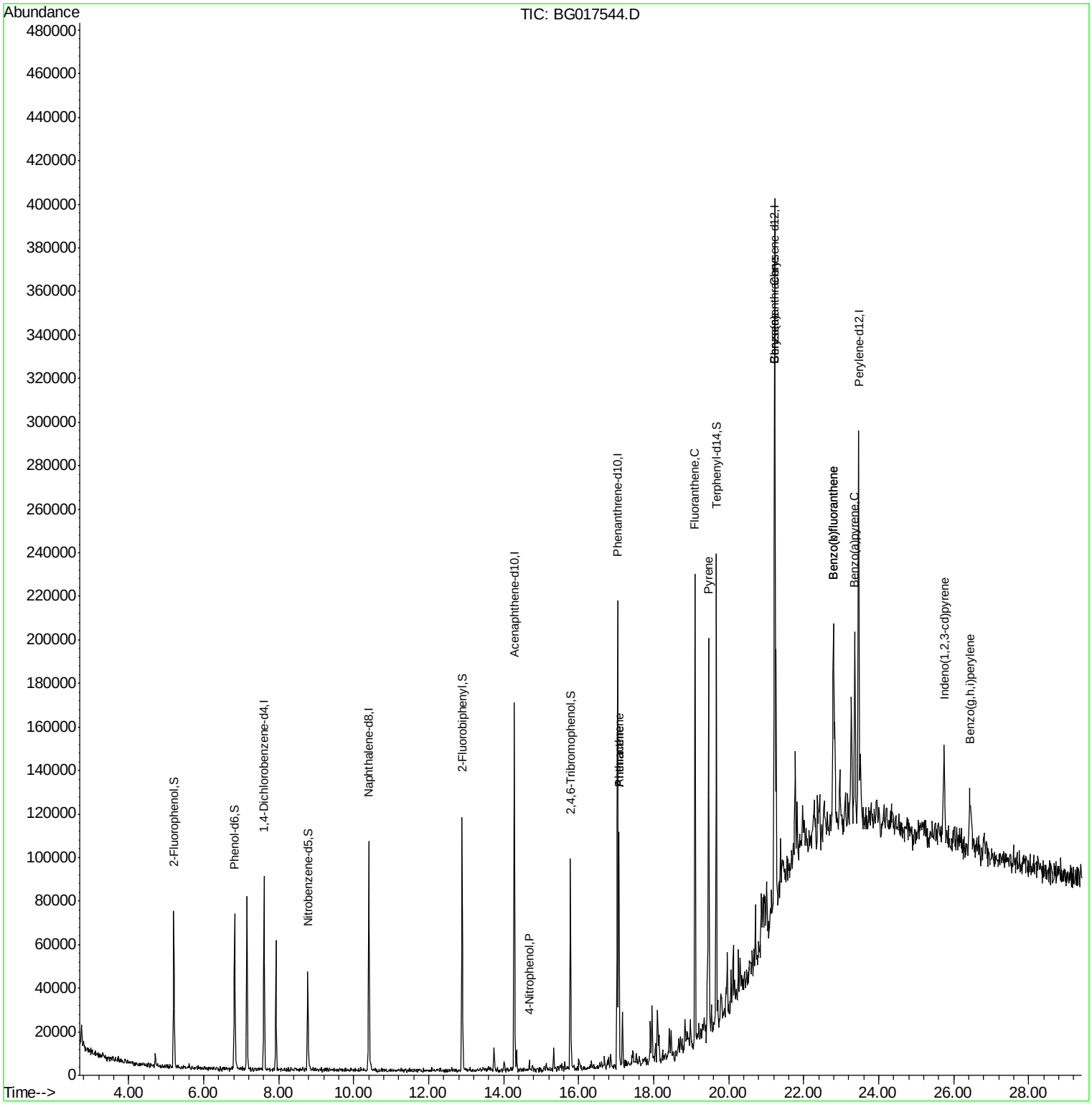
(#) = qualifier out of range (m) = manual integration (+) = signals summed

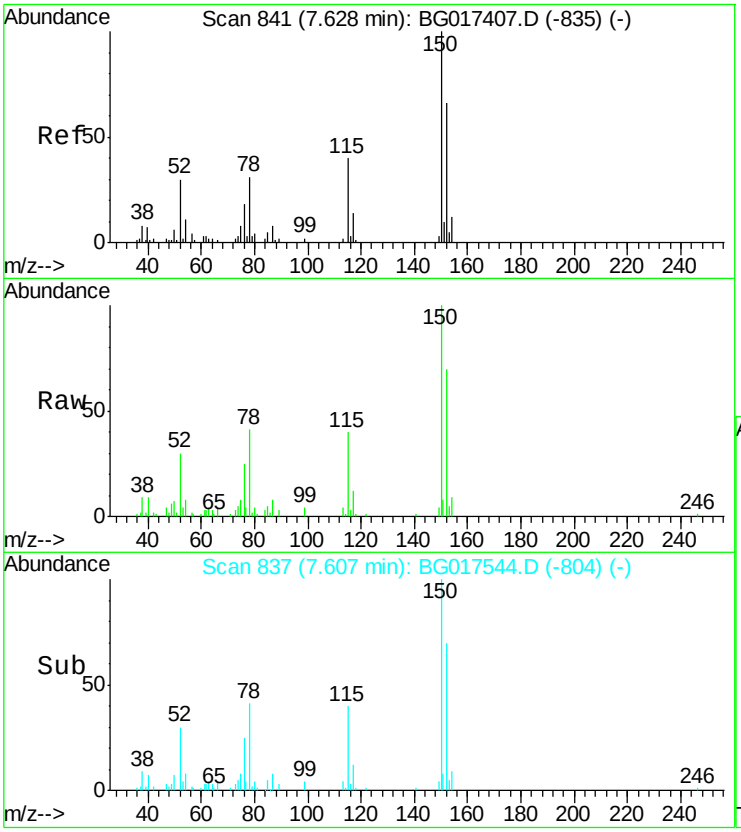
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017544.D
Acq On : 8 Jun 2015 15:44
Operator : TP/IZ
Sample : G2464-16 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-15AS

Quant Time: Jun 09 02:15:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 02:10:45 2015
Response via : Initial Calibration



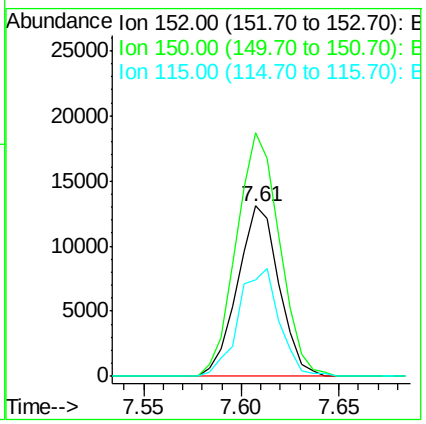


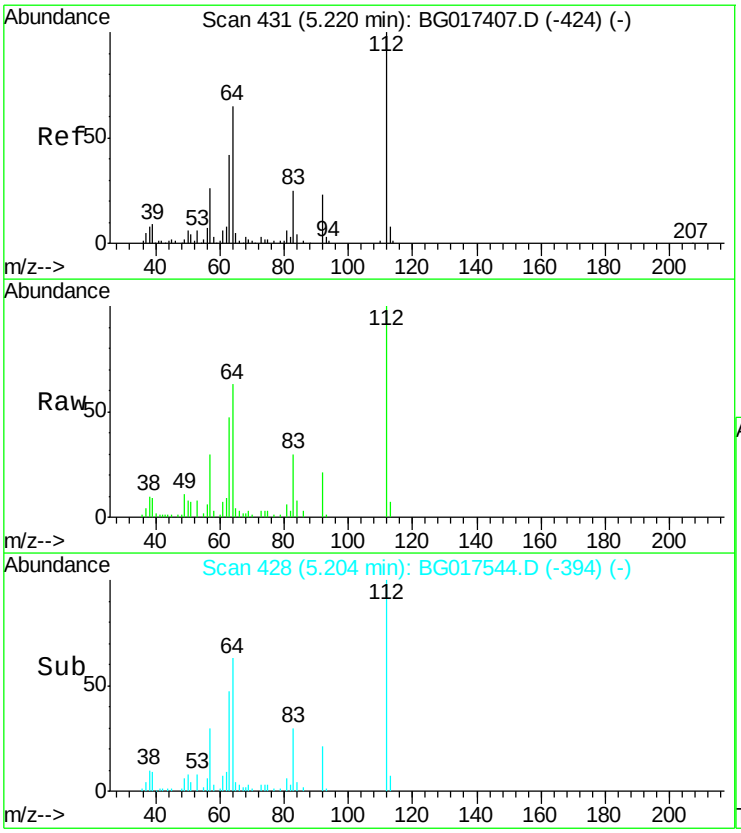
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
SB-15AS

Tgt Ion:152 Resp: 19277

Ion	Ratio	Lower	Upper
152	100		
150	143.1	121.7	182.5
115	56.9	48.6	73.0

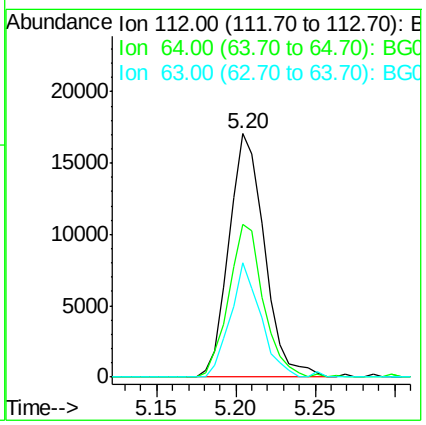


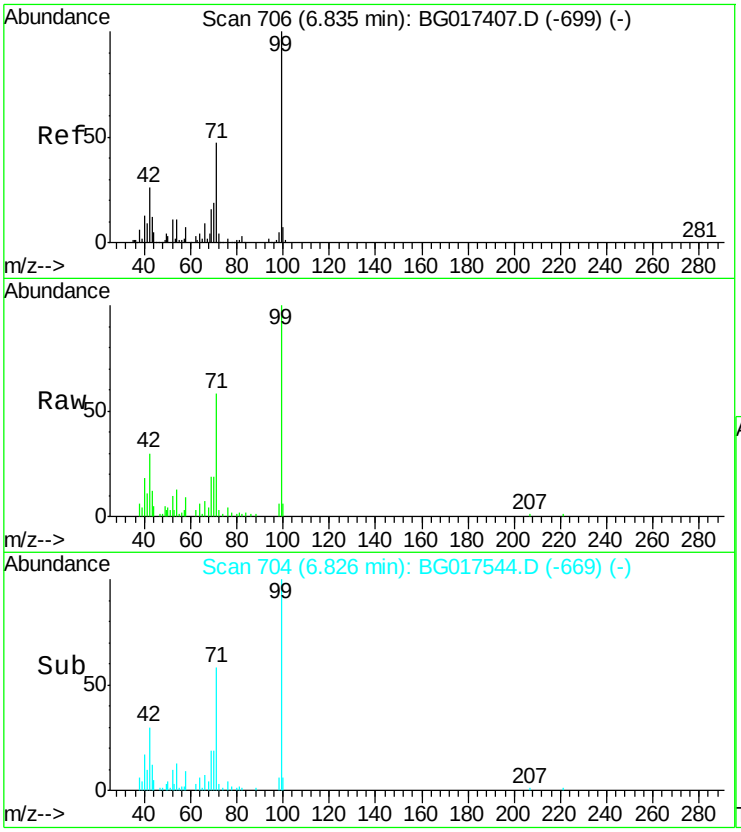


#5
2-Fluorophenol
Concen: 24.18 ng
RT: 5.20 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Tgt Ion:112 Resp: 26459

Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.6	77.4
63	47.0	33.3	49.9



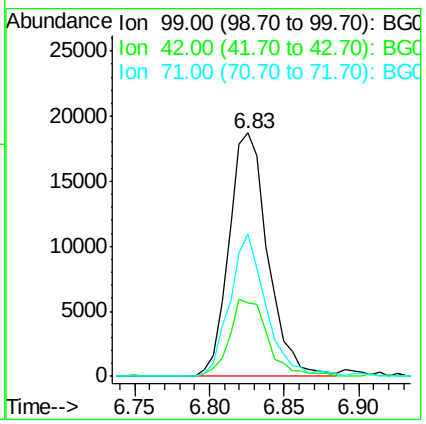


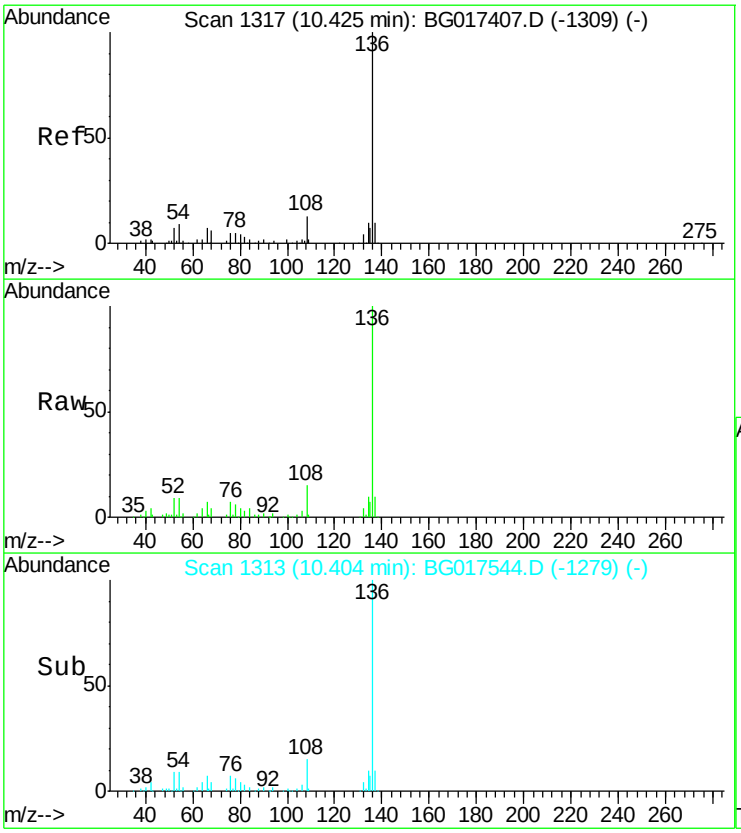
#7
Phenol-d6
Concen: 22.77 ng
RT: 6.83 min Scan# 704
Delta R.T. 0.01 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
SB-15AS

Tgt Ion: 99 Resp: 33942

Ion	Ratio	Lower	Upper
99	100		
42	30.2	21.0	31.6
71	58.3	37.2	55.8#

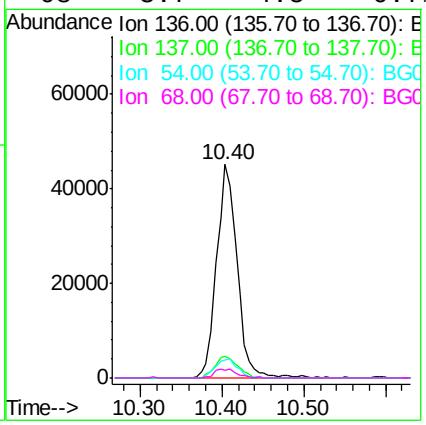


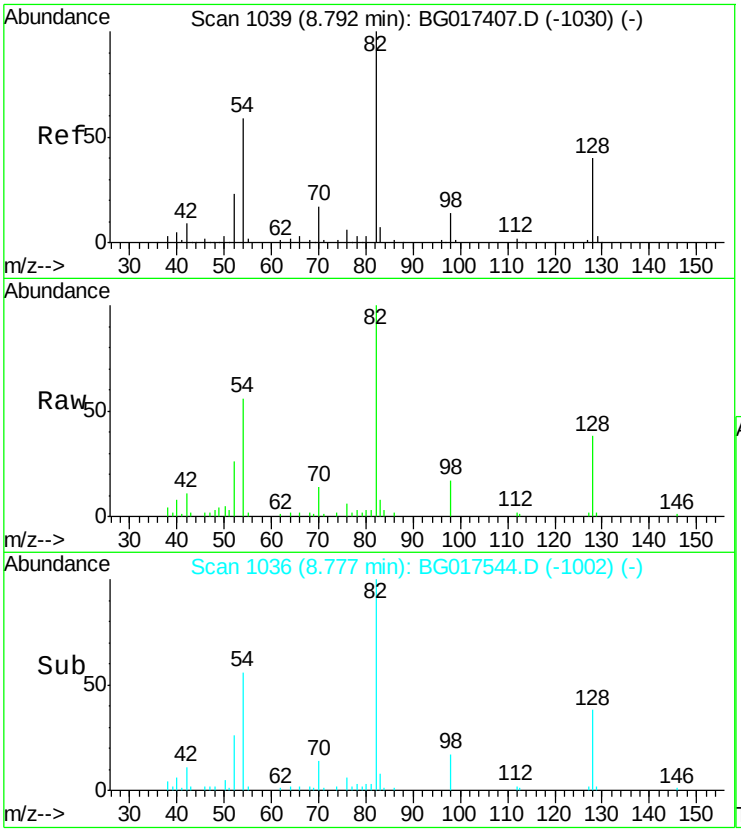


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Tgt Ion:136 Resp: 79123

Ion	Ratio	Lower	Upper
136	100		
137	10.3	7.9	11.9
54	8.5	7.2	10.8
68	3.7	4.5	6.7#



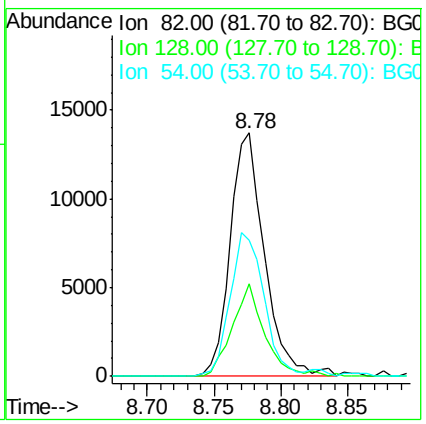


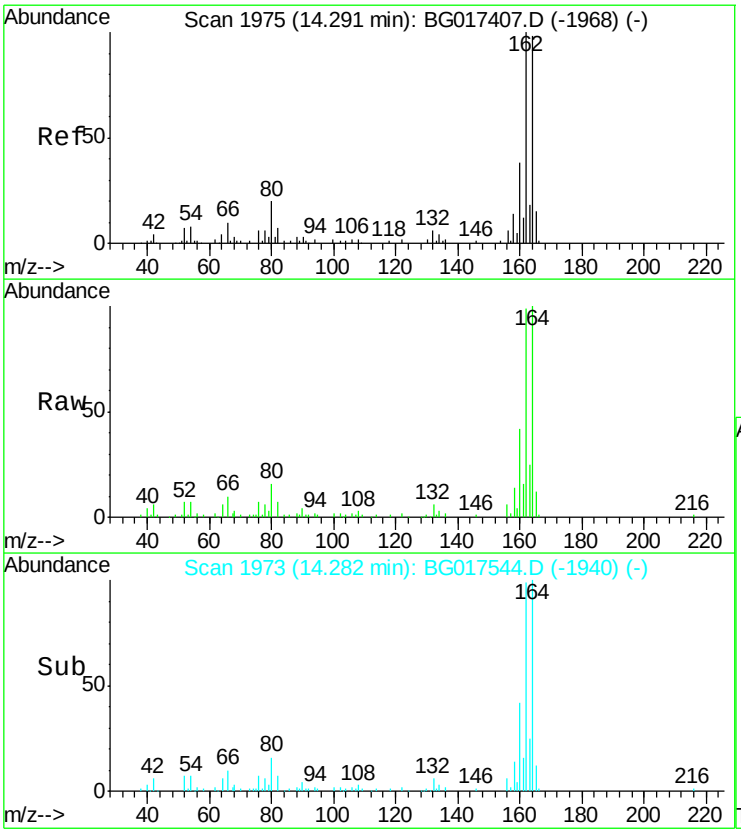
#23
Nitrobenzene-d5
Concen: 15.47 ng
RT: 8.78 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
SB-15AS

Tgt Ion: 82 Resp: 24520

Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.2	48.4
54	56.0	47.4	71.2

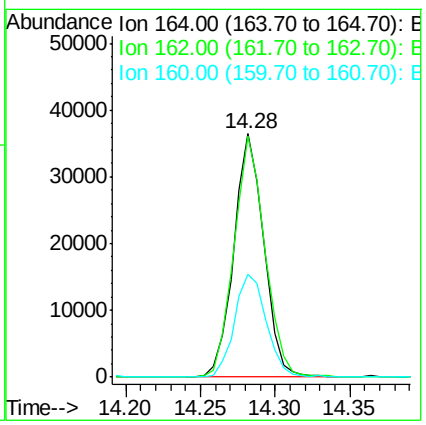


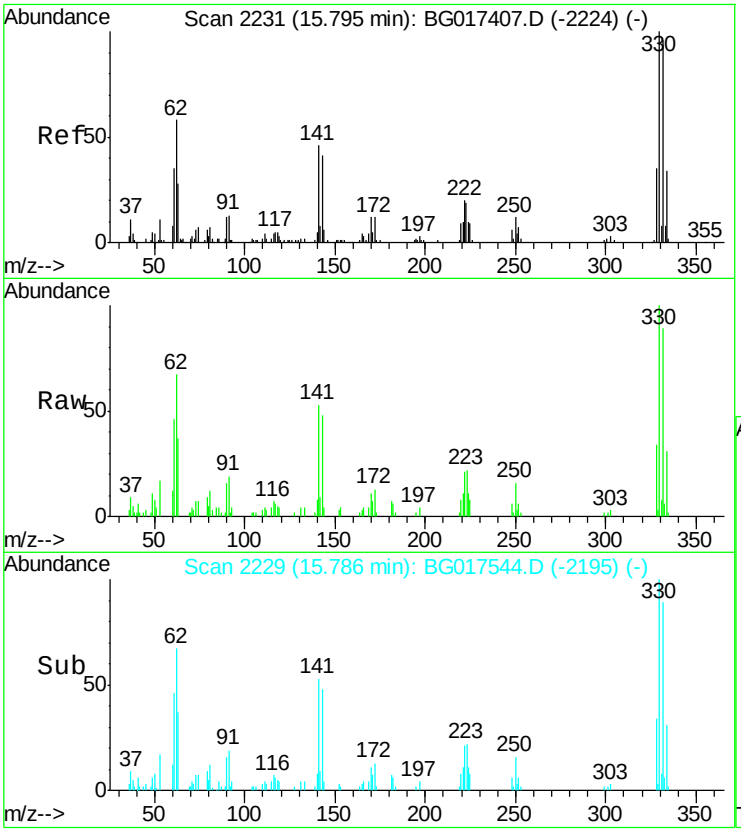


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Tgt Ion:164 Resp: 50821

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.8	122.6
160	42.0	31.0	46.4



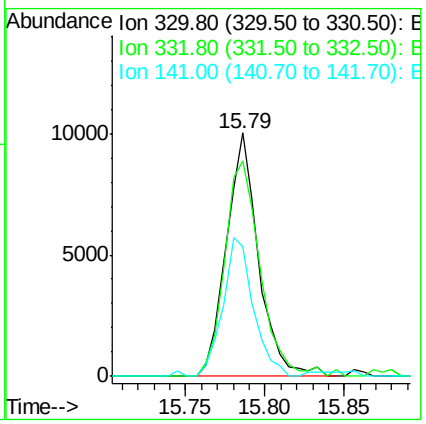


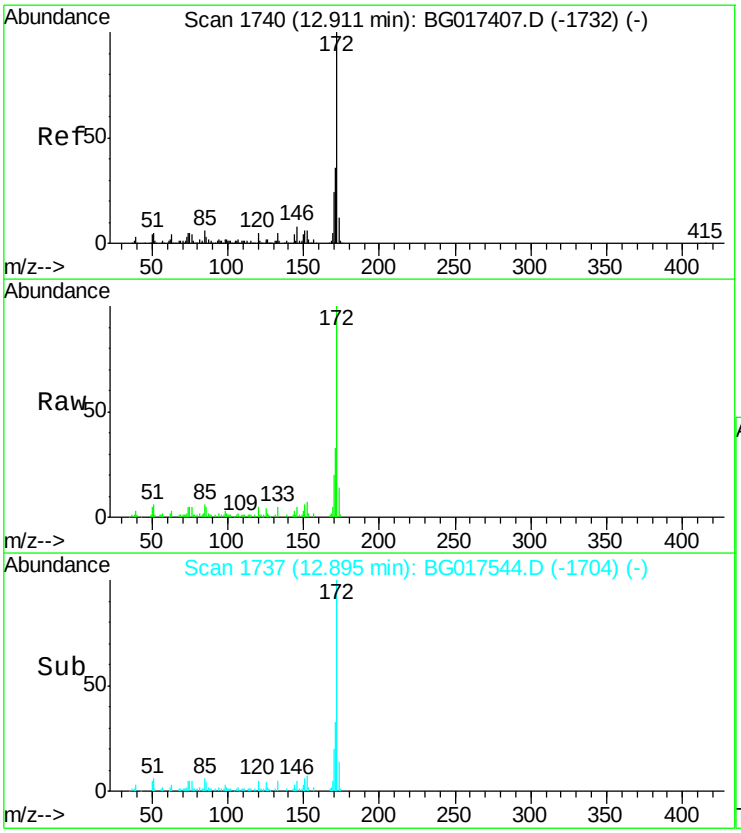
#41
2,4,6-Tribromophenol
Concen: 19.95 ng
RT: 15.79 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
SB-15AS

Tgt Ion:330 Resp: 14081

Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.9	113.9
141	53.8	40.2	60.4

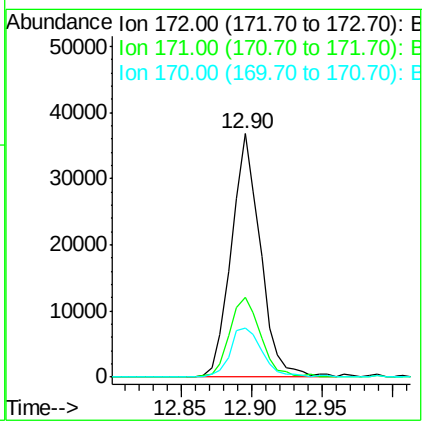


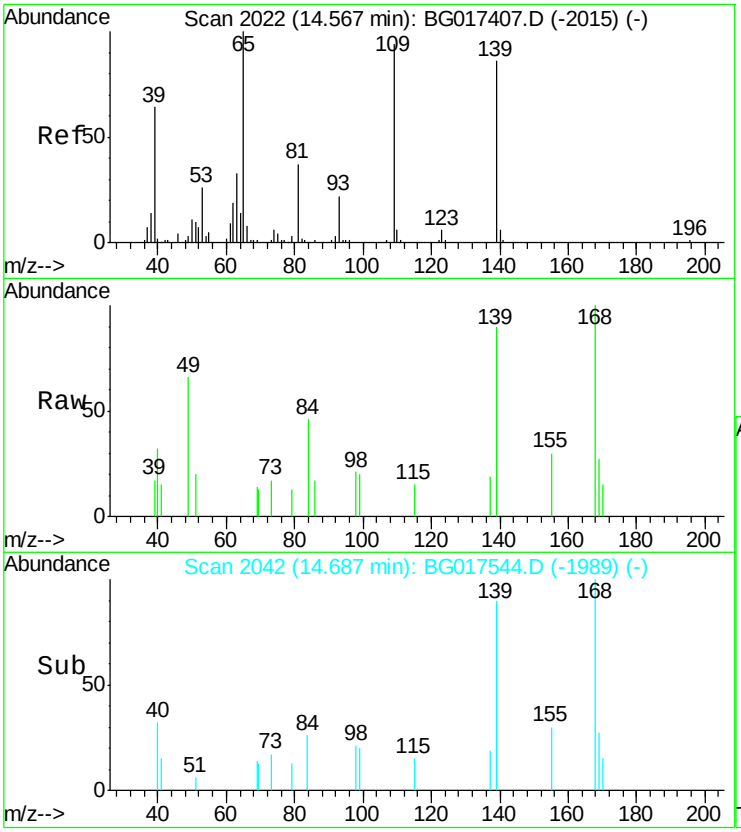


#44
2-Fluorobiphenyl
Concen: 15.67 ng
RT: 12.90 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Tgt Ion:172 Resp: 52797

Ion	Ratio	Lower	Upper
172	100		
171	32.7	29.0	43.6
170	19.9	18.9	28.3



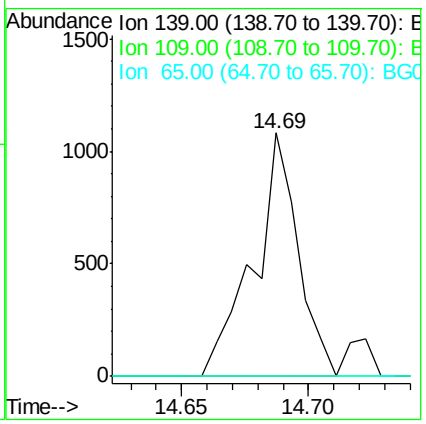


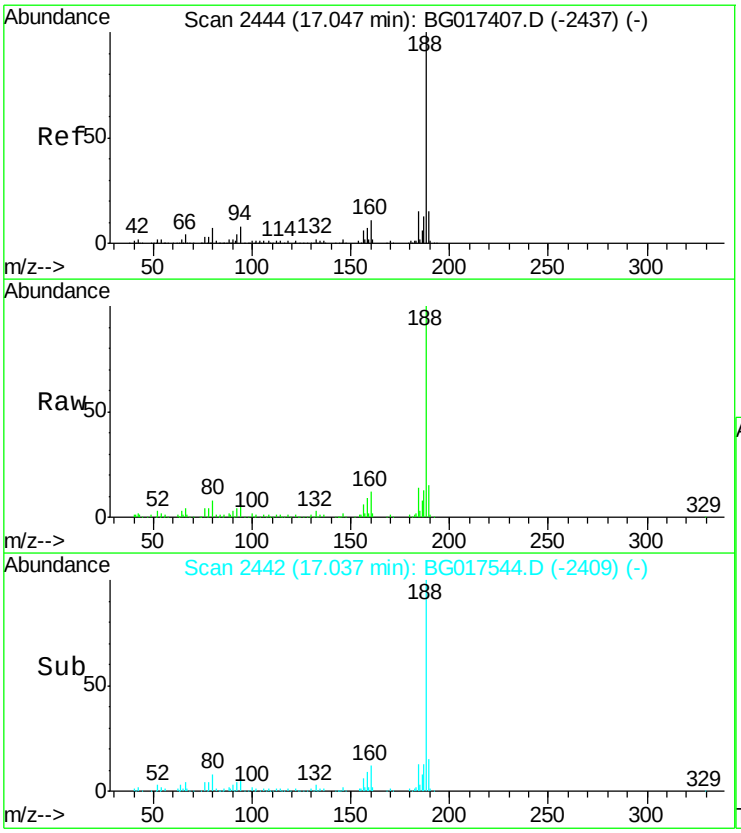
#55
4-Nitrophenol
Concen: 2.31 ng
RT: 14.69 min Scan# 2042
Delta R.T. 0.11 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
SB-15AS

Tgt Ion:139 Resp: 1315

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

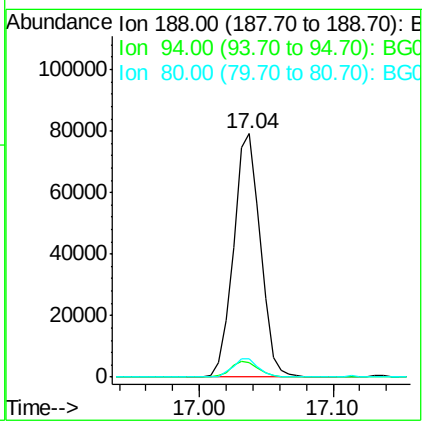


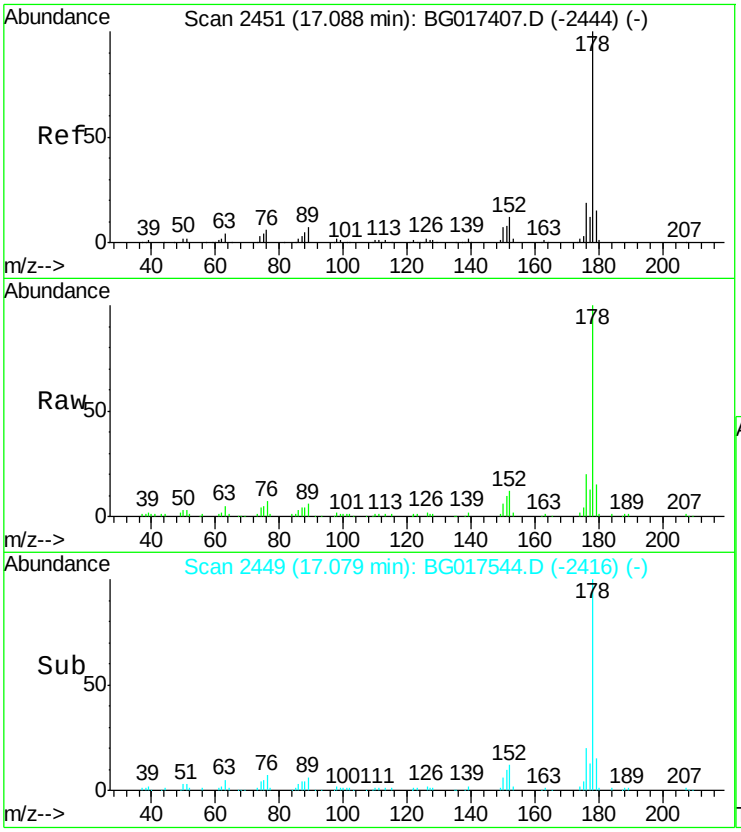


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Tgt Ion:188 Resp: 110127

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.3	9.5#
80	7.6	5.2	7.8



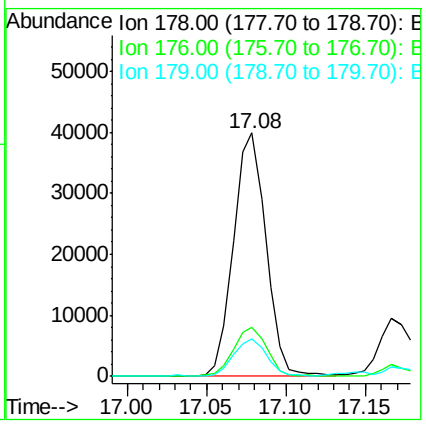


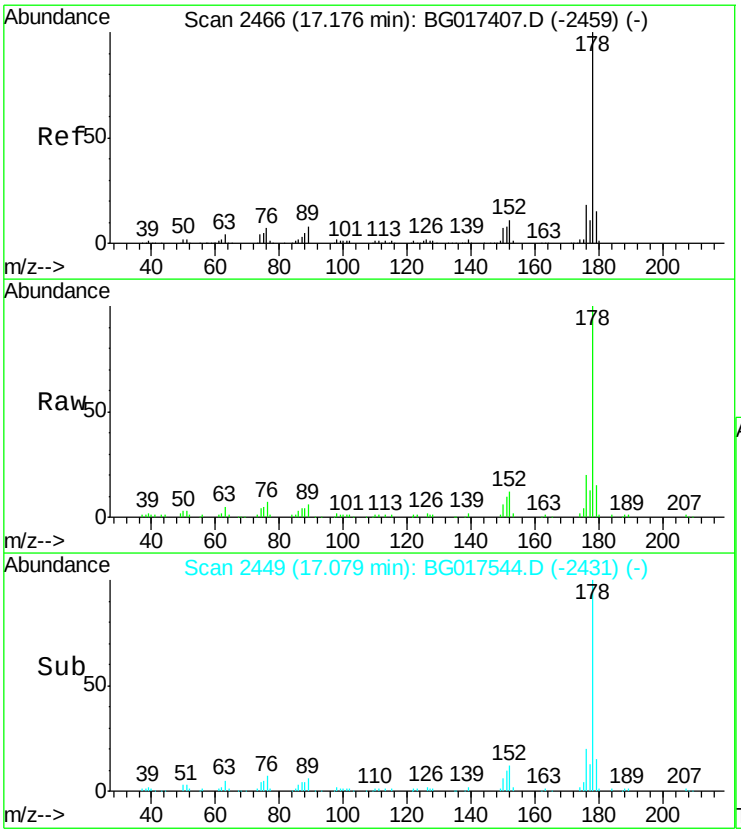
#70
Phenanthrene
Concen: 9.24 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
SB-15AS

Tgt Ion:178 Resp: 56733

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.6	23.4
179	15.4	12.2	18.2

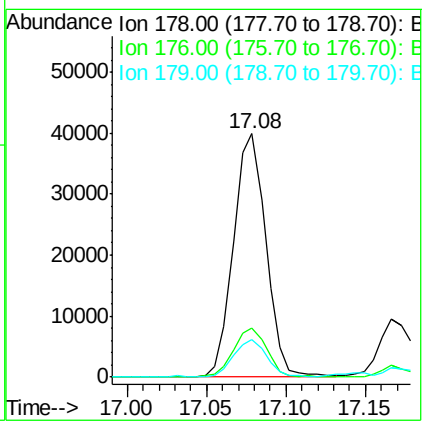


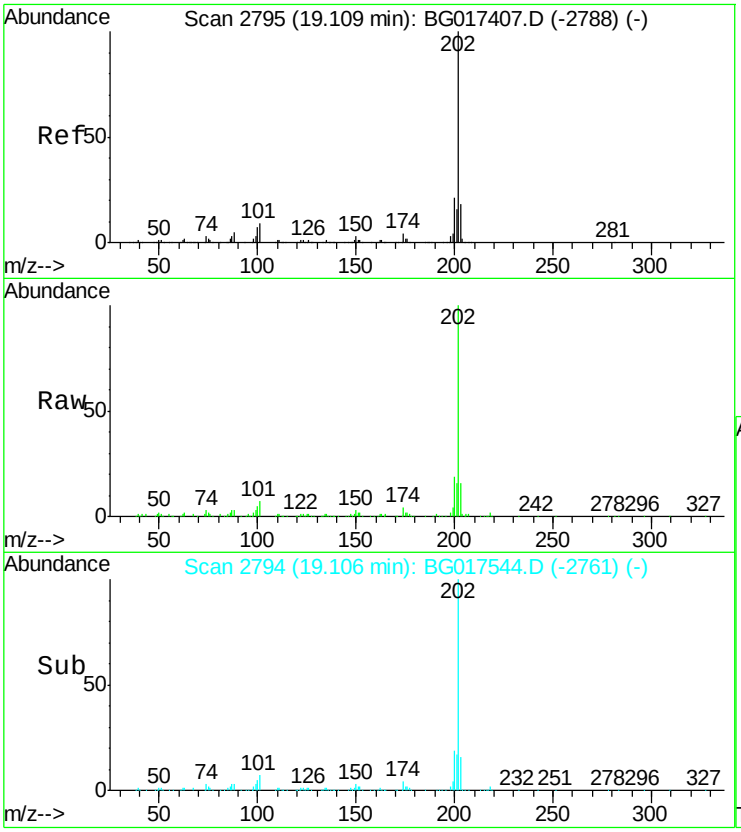


#71
Anthracene
Concen: 9.25 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.09 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Tgt Ion:178 Resp: 56733

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.2	21.2
179	15.4	12.2	18.4



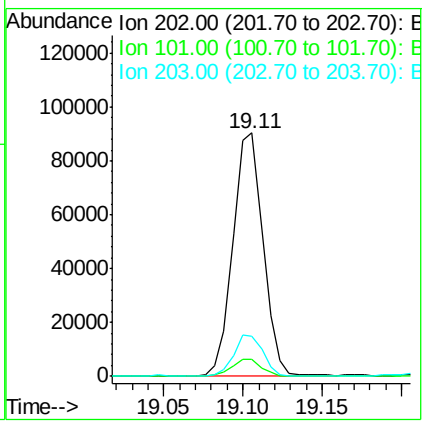


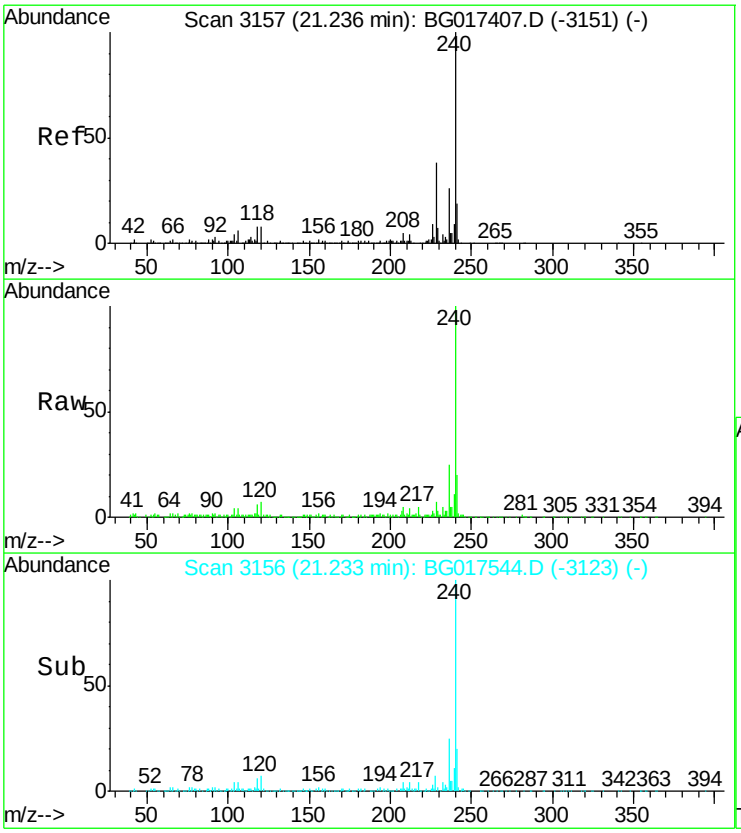
#74
Fluoranthene
Concen: 14.89 ng
RT: 19.11 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
SB-15AS

Tgt Ion:202 Resp: 119541

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.8
203	16.5	0.0	37.6

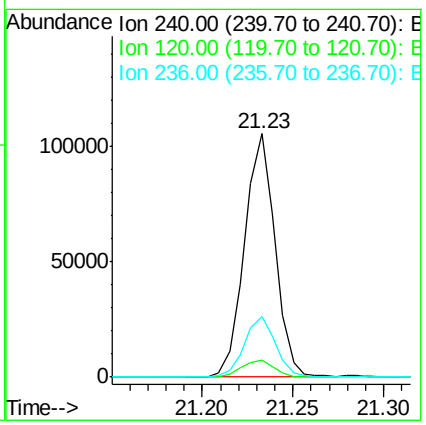


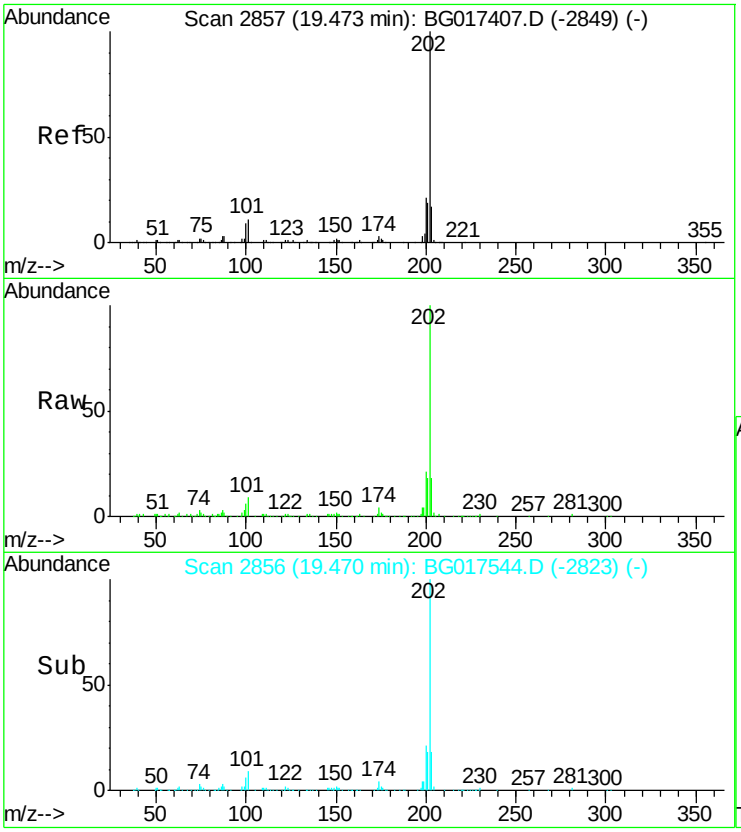


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Tgt Ion:240 Resp: 123685

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.5	9.7
236	25.0	20.8	31.2



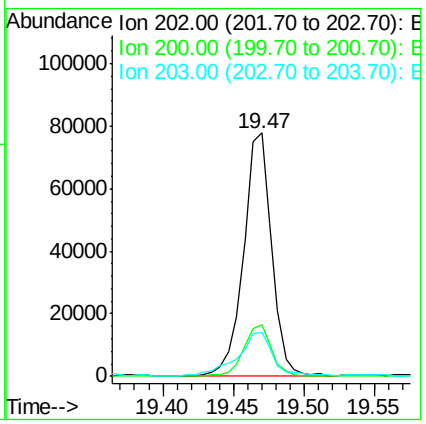


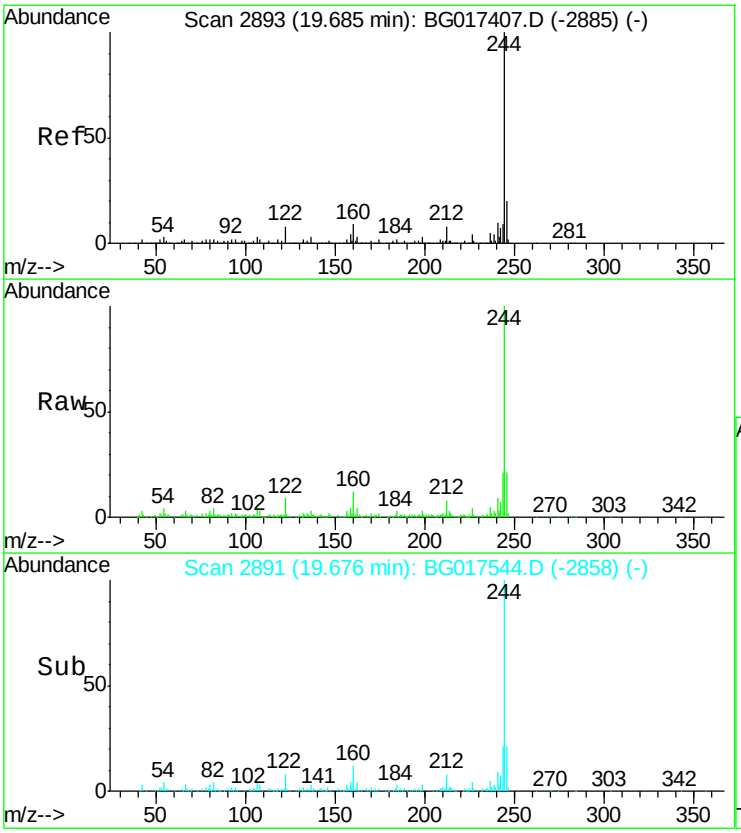
#77
Pyrene
Concen: 14.32 ng
RT: 19.47 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
SB-15AS

Tgt Ion:202 Resp: 109138

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	18.1	13.9	20.9

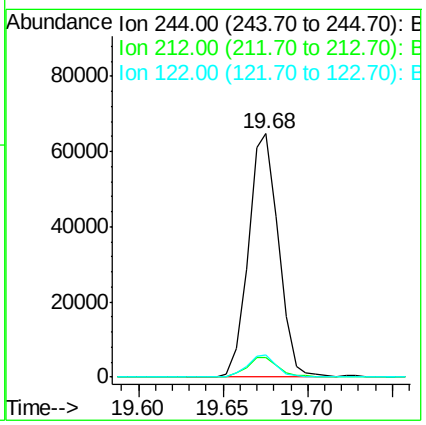


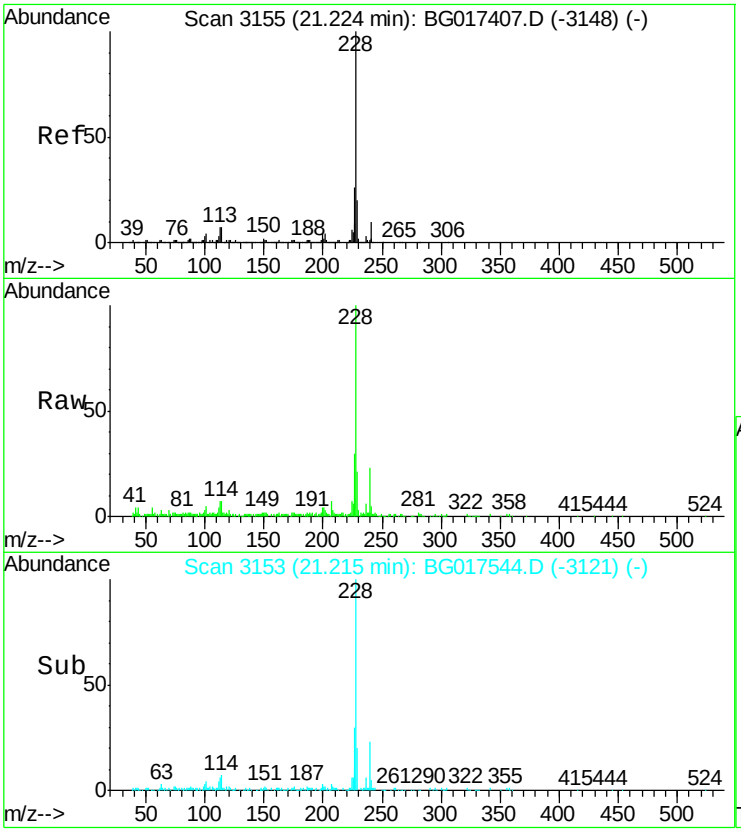


#78
Terphenyl-d14
Concen: 13.40 ng
RT: 19.68 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Tgt Ion:244 Resp: 80195

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	9.2	6.6	10.0



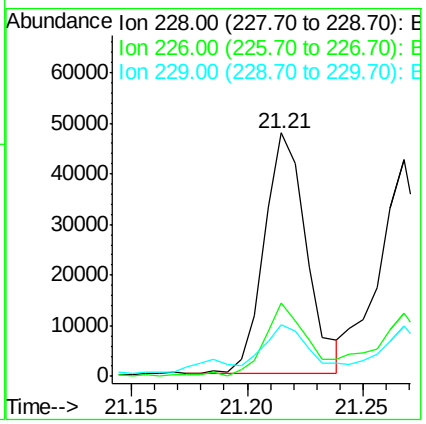


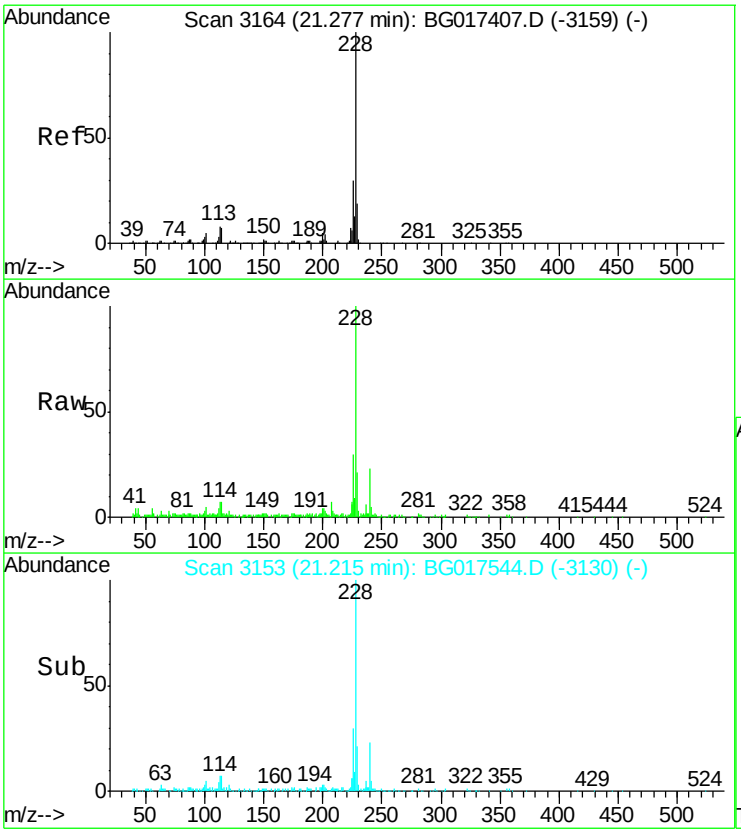
#80
Benzo(a)anthracene
Concen: 7.97 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
SB-15AS

Tgt Ion:228 Resp: 60627

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.0	31.6
229	21.4	15.7	23.5

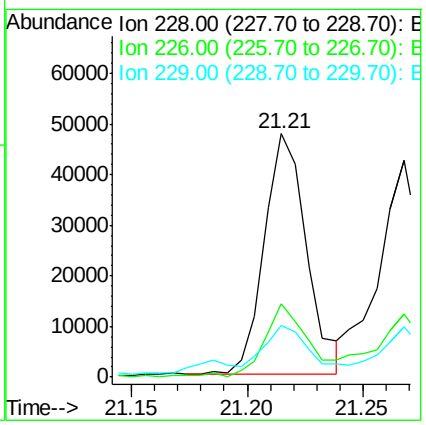


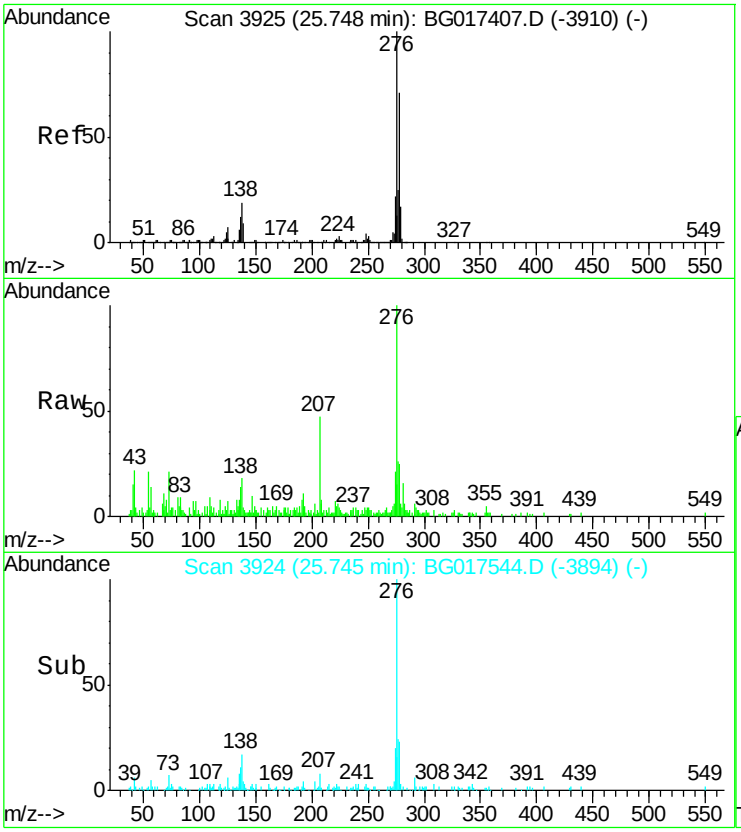


#82
Chrysene
Concen: 8.80 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.06 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Tgt Ion:228 Resp: 60627

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	21.4	15.2	22.8



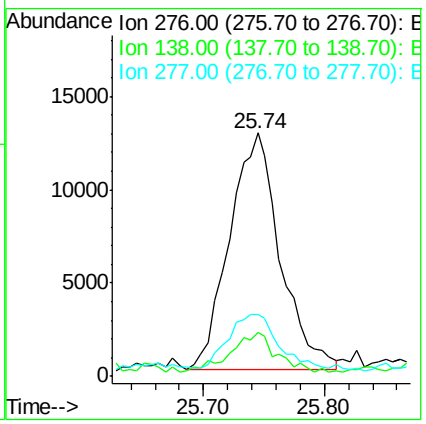


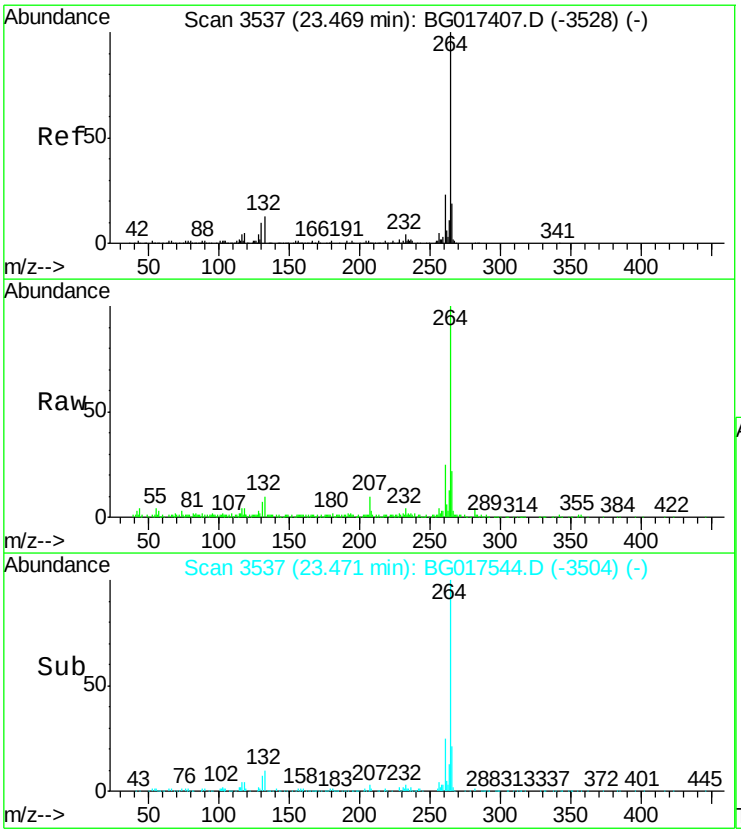
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.25 ng
RT: 25.74 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
SB-15AS

Tgt Ion:276 Resp: 36764

Ion	Ratio	Lower	Upper
276	100		
138	16.7	15.4	23.0
277	22.5	20.5	30.7

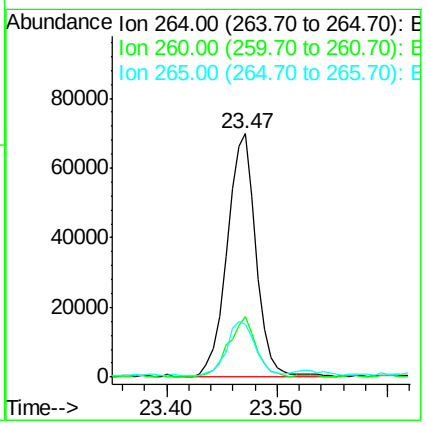


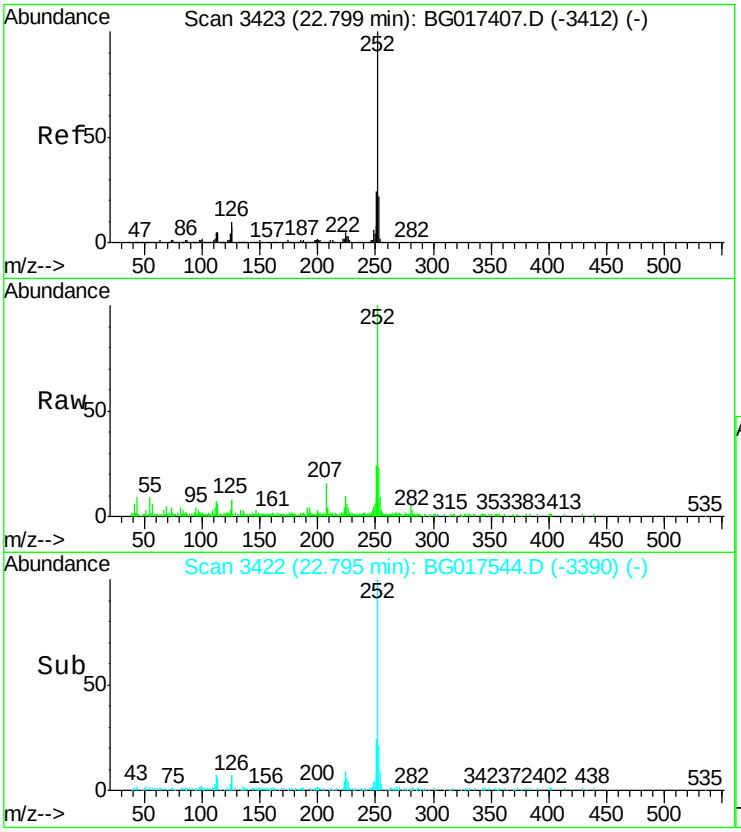


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.47 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Tgt Ion:264 Resp: 128280

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	21.8	15.8	23.6



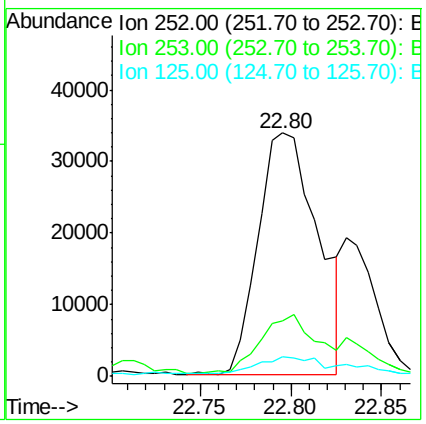


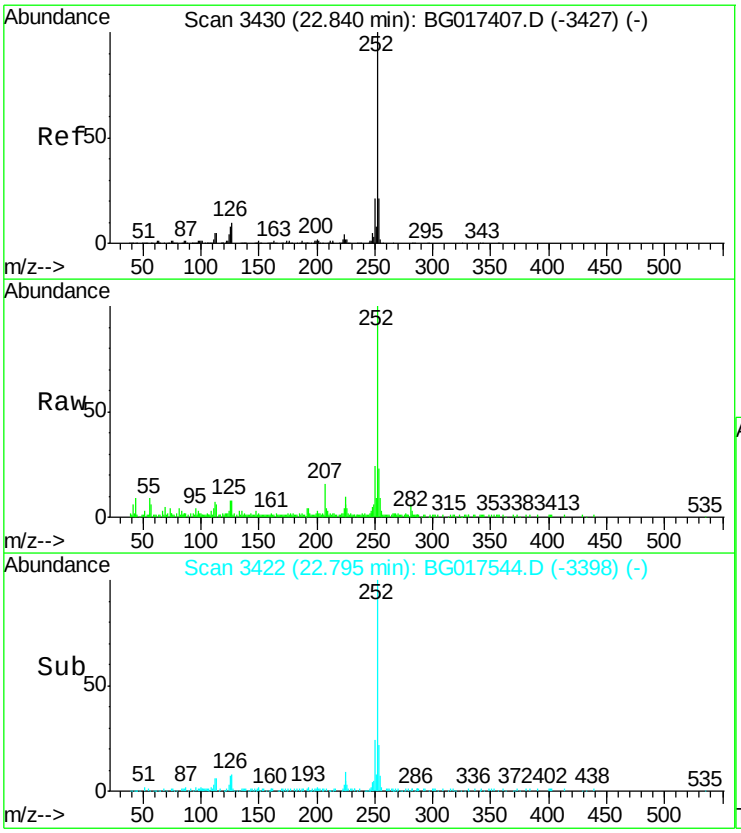
#87
Benzo(b)fluoranthene
Concen: 9.58 ng
RT: 22.80 min Scan# 3422
Delta R.T. -0.01 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
SB-15AS

Tgt Ion:252 Resp: 77864

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	8.3	5.8	8.8

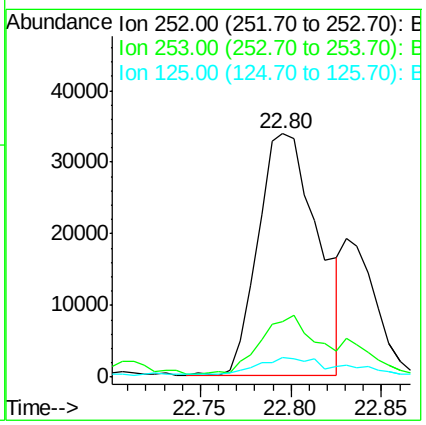


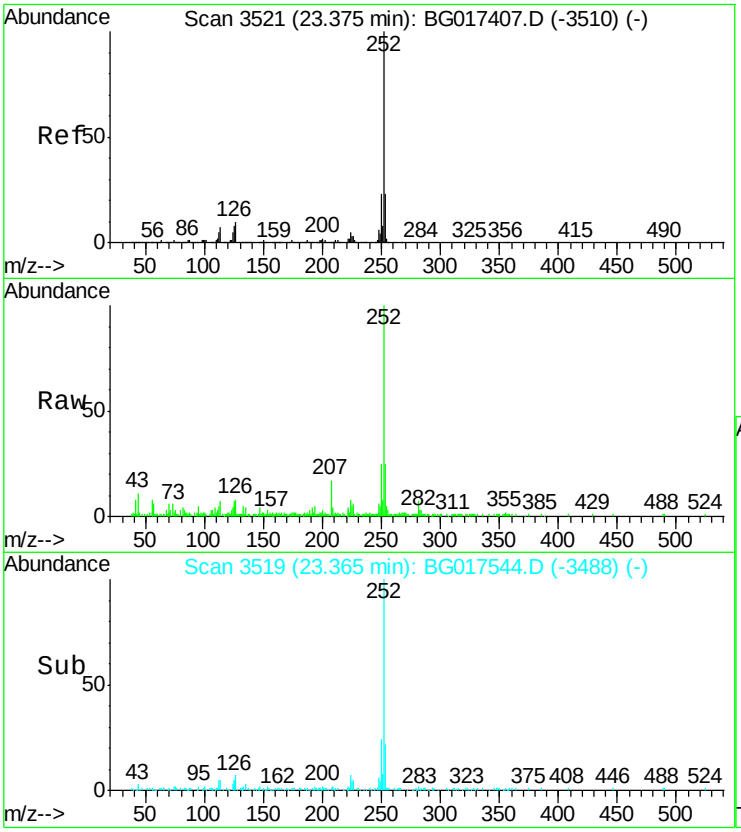


#88
Benzo(k)fluoranthene
Concen: 10.01 ng
RT: 22.80 min Scan# 3422
Delta R.T. -0.06 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Tgt Ion:252 Resp: 77864

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	8.3	6.5	9.7



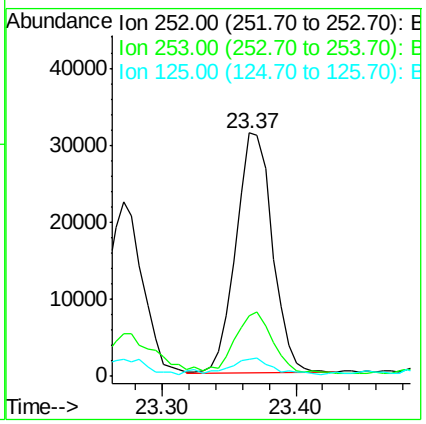


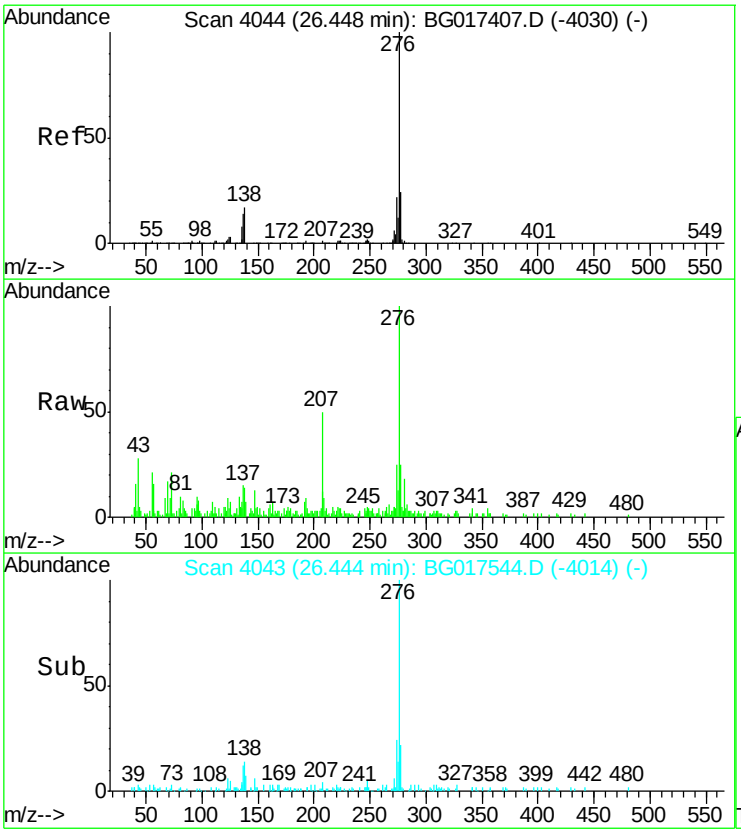
#89
Benzo(a)pyrene
Concen: 7.87 ng
RT: 23.37 min Scan# 3519
Delta R.T. -0.02 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
SB-15AS

Tgt Ion:252 Resp: 58677

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	7.2	6.5	9.7





#91
Benzo(g,h,i)perylene
Concen: 5.26 ng
RT: 26.44 min Scan# 4043
Delta R.T. -0.03 min
Lab File: BG017544.D
Acq: 8 Jun 2015 15:44

Tgt Ion:276 Resp: 38748

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.2	28.8
138	21.2	13.5	20.3#