Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072015\
Data File : BG017998.D
Acq On : 20 Jul 2015 20:37
Operator : TP/UM
Sample : G3024-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-1(0-2)

Quant Time: Jul 21 01:12:21 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	111364	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	465840	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	258236	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	493921	20.00	ng	0.00
75) Chrysene-d12	21.20	240	502749	20.00	ng	0.00
86) Perylene-d12	23.42	264	504132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	702433	110.03	ng	0.01
7) Phenol-d6	6.78	99	902086	107.86	ng	0.01
23) Nitrobenzene-d5	8.74	82	536170	74.55	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	315713	120.67	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	970928	65.16	ng	0.00
78) Terphenyl-d14	19.65	244	1174849	58.86	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.76	122	63	Below Cal	#	1
49) Dimethylphthalate	13.71	163	393318	21.93	ng	100
64) 4,6-Dinitro-2-methylphenol	15.43	198	70	Below Cal	#	1
70) Phenanthrene	17.04	178	152895	6.00	ng	99
74) Fluoranthene	19.08	202	252204	9.04	ng	95
77) Pyrene	19.43	202	228397	8.15	ng	94
80) Benzo(a)anthracene	21.19	228	135491	5.10	ng	98
82) Chrysene	21.23	228	114552	4.53	ng	96
87) Benzo(b)fluoranthene	22.75	252	221043	8.01	ng	97
88) Benzo(k)fluoranthene	22.75	252	221043	8.03	ng	95
89) Benzo(a)pyrene	23.32	252	113840	4.43	ng	100

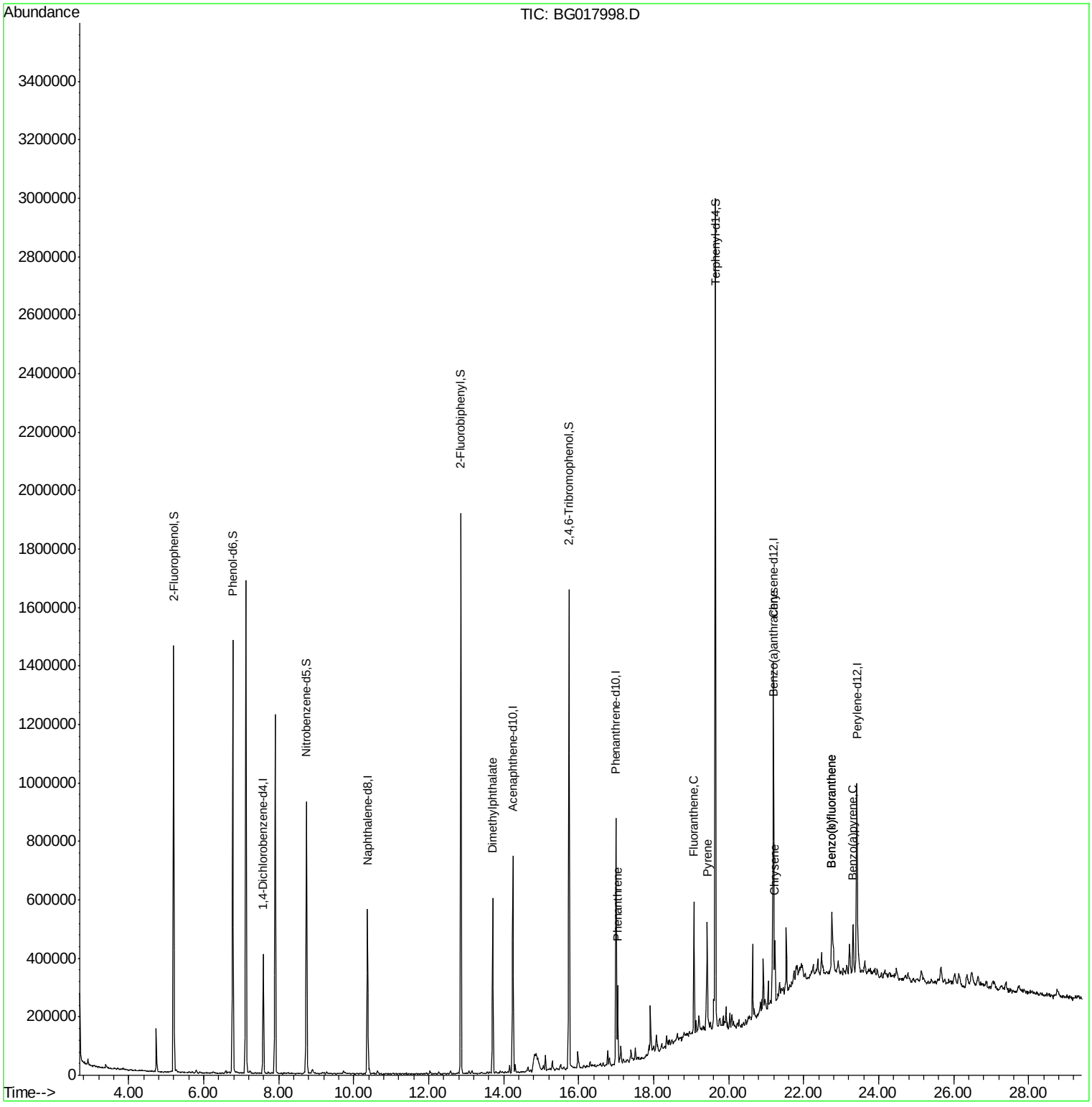
(#) = qualifier out of range (m) = manual integration (+) = signals summed

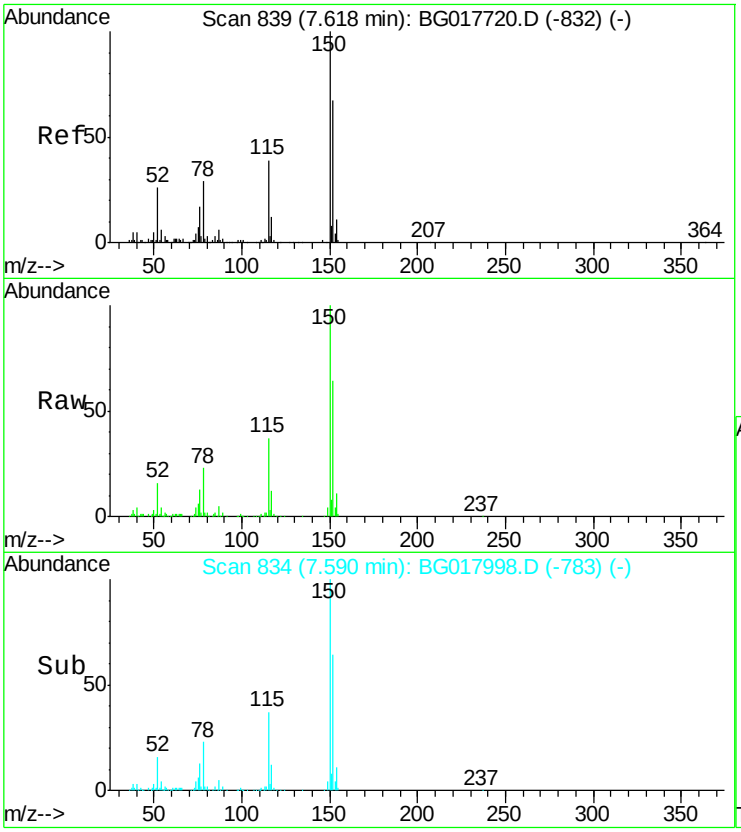
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072015\
Data File : BG017998.D
Acq On : 20 Jul 2015 20:37
Operator : TP/UM
Sample : G3024-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Quant Time: Jul 21 01:12:21 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration



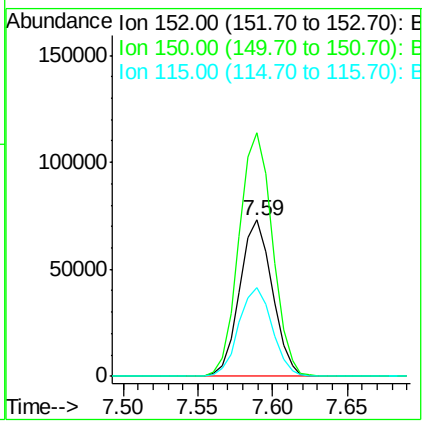


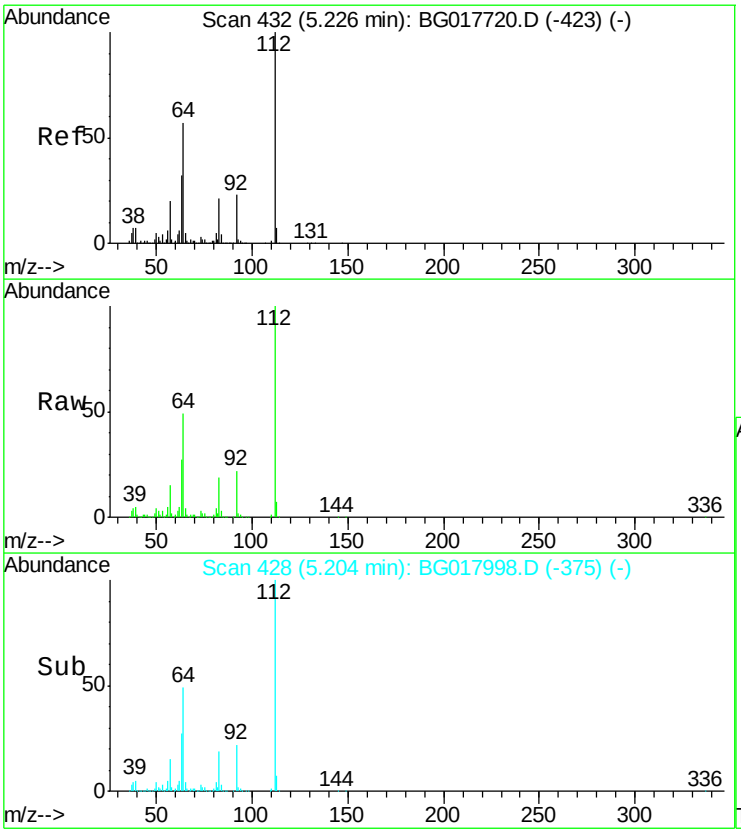
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt Ion:152 Resp: 111364

Ion	Ratio	Lower	Upper
152	100		
150	155.9	119.1	178.7
115	56.9	47.0	70.4

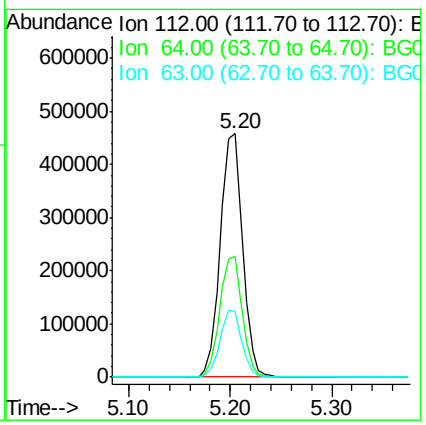


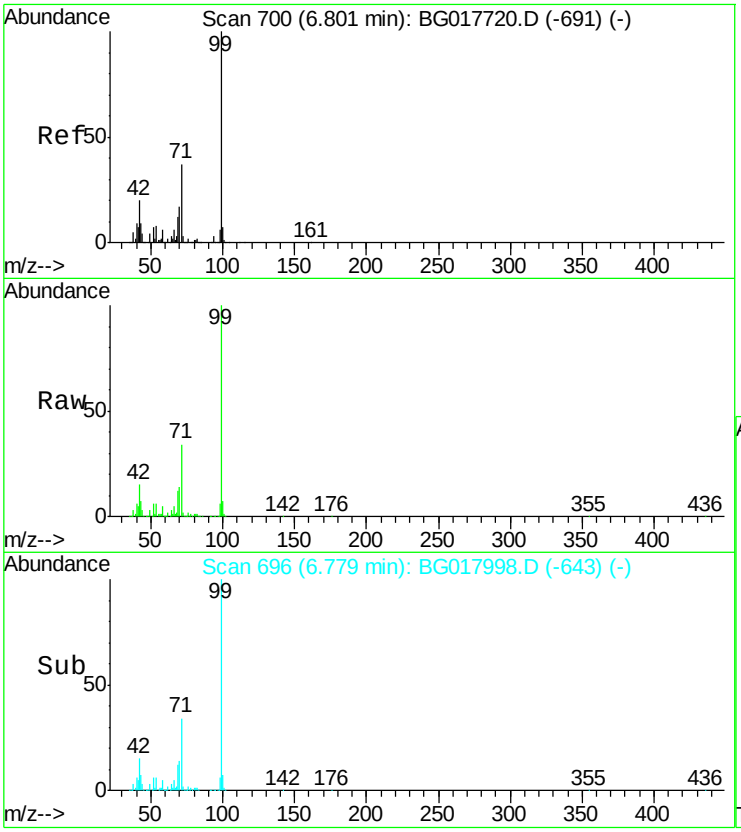


#5
2-Fluorophenol
Concen: 110.03 ng
RT: 5.20 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion:112 Resp: 702433

Ion	Ratio	Lower	Upper
112	100		
64	49.3	45.4	68.0
63	26.8	25.3	37.9



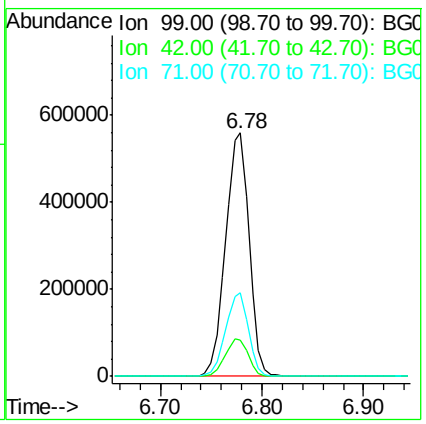


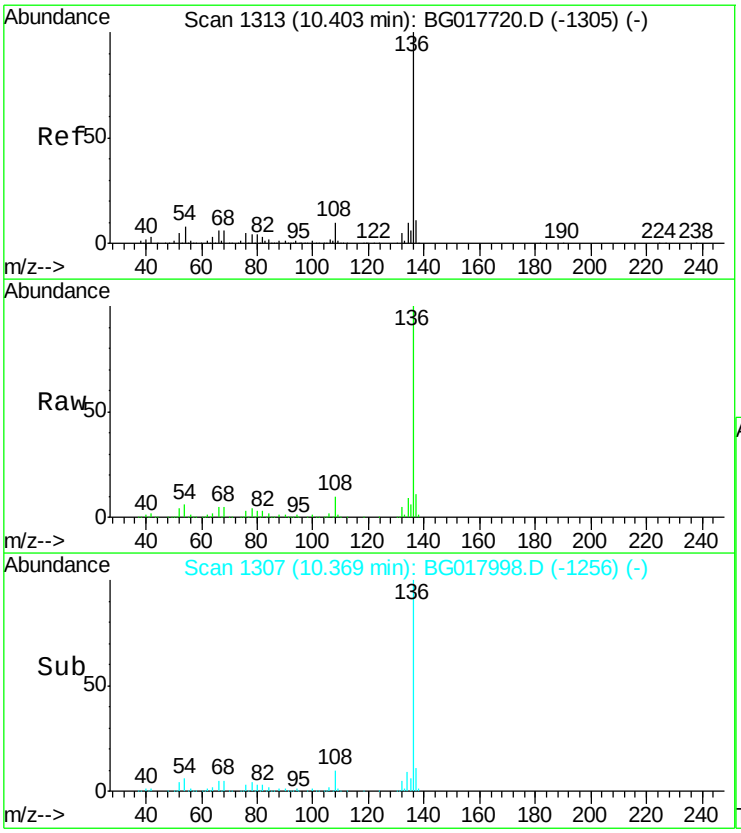
#7
Phenol-d6
Concen: 107.86 ng
RT: 6.78 min Scan# 696
Delta R.T. 0.01 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt Ion: 99 Resp: 902086

Ion	Ratio	Lower	Upper
99	100		
42	15.0	16.2	24.4#
71	34.2	29.5	44.3

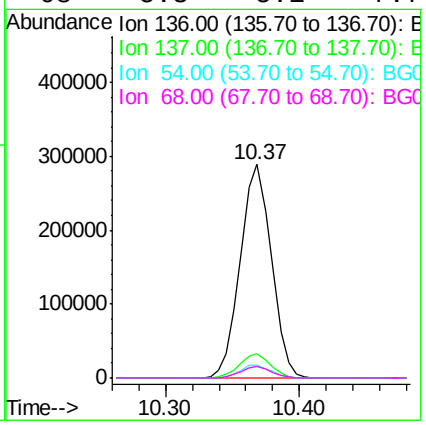


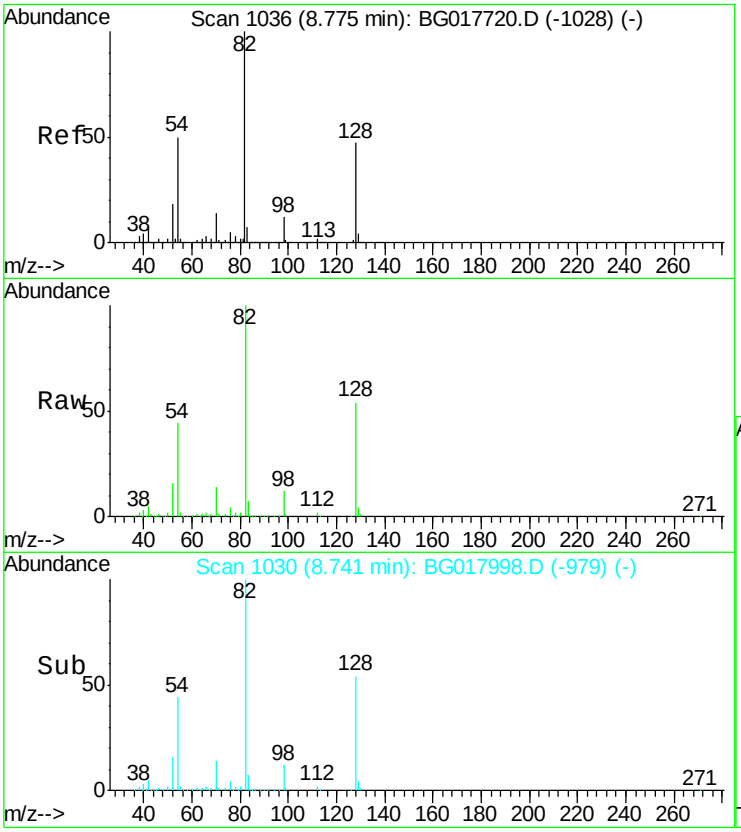


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.37 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion:136 Resp: 465840

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.0	6.6	9.8#
68	5.3	5.1	7.7



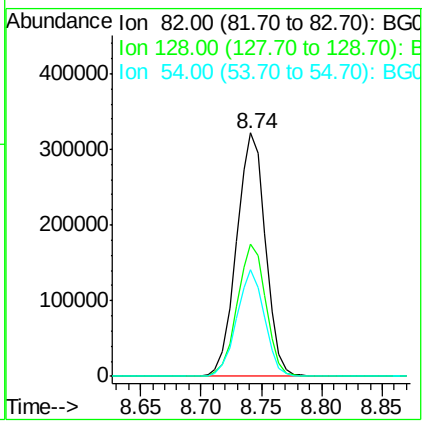


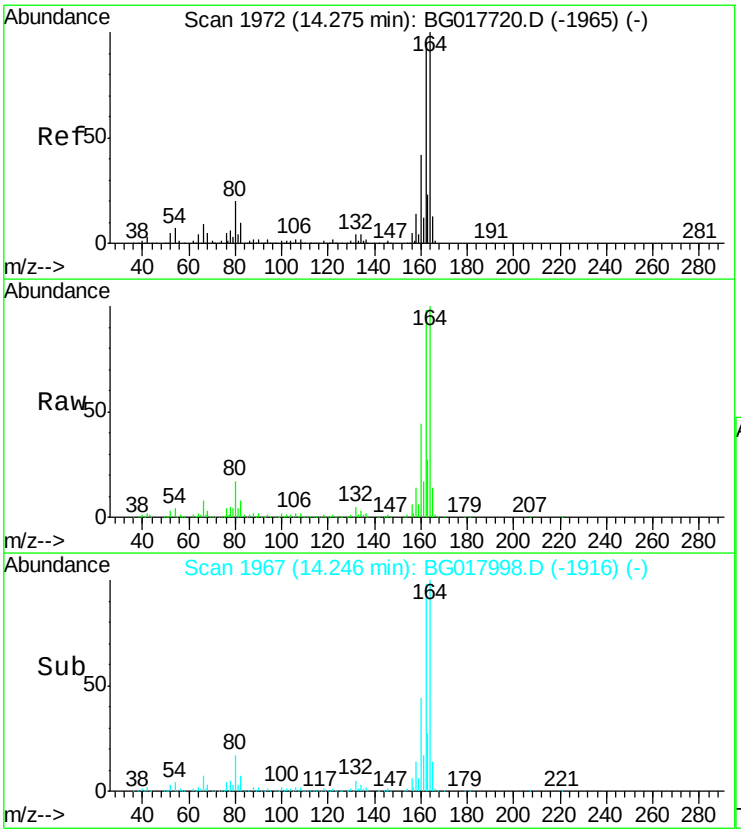
#23
Nitrobenzene-d5
Concen: 74.55 ng
RT: 8.74 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt Ion: 82 Resp: 536170

Ion	Ratio	Lower	Upper
82	100		
128	54.3	37.8	56.6
54	43.6	39.9	59.9

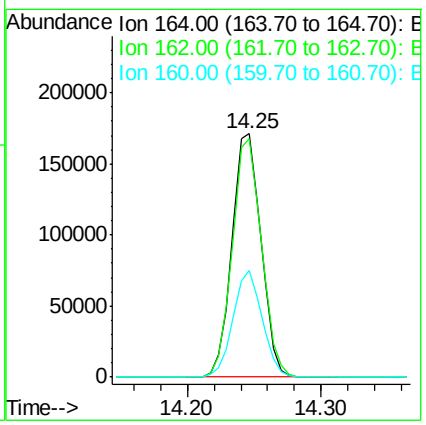


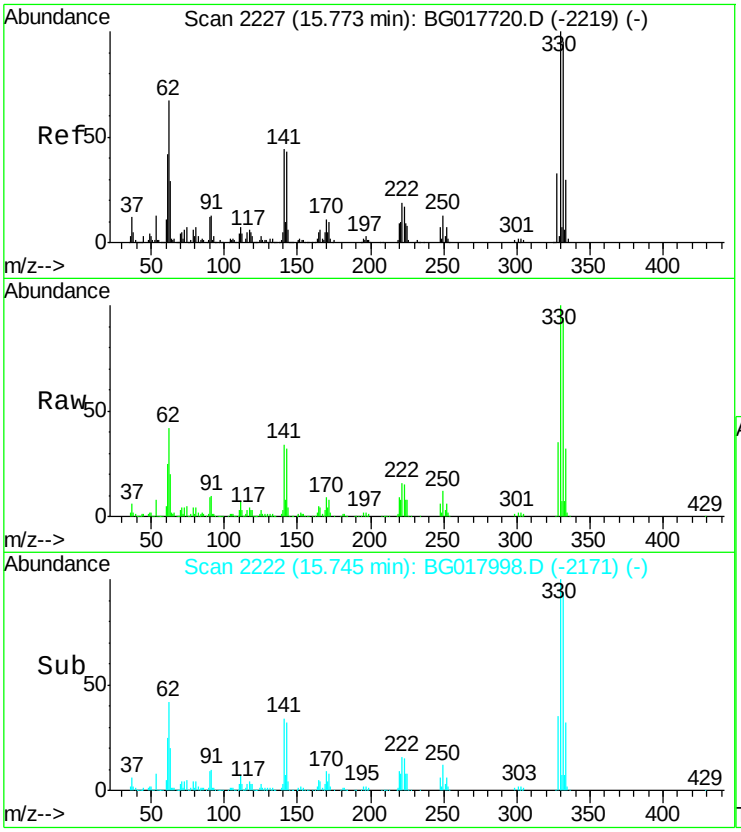


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion:164 Resp: 258236

Ion	Ratio	Lower	Upper
164	100		
162	98.0	76.3	114.5
160	43.5	33.7	50.5



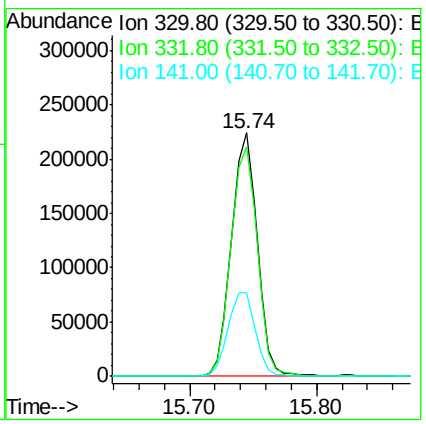


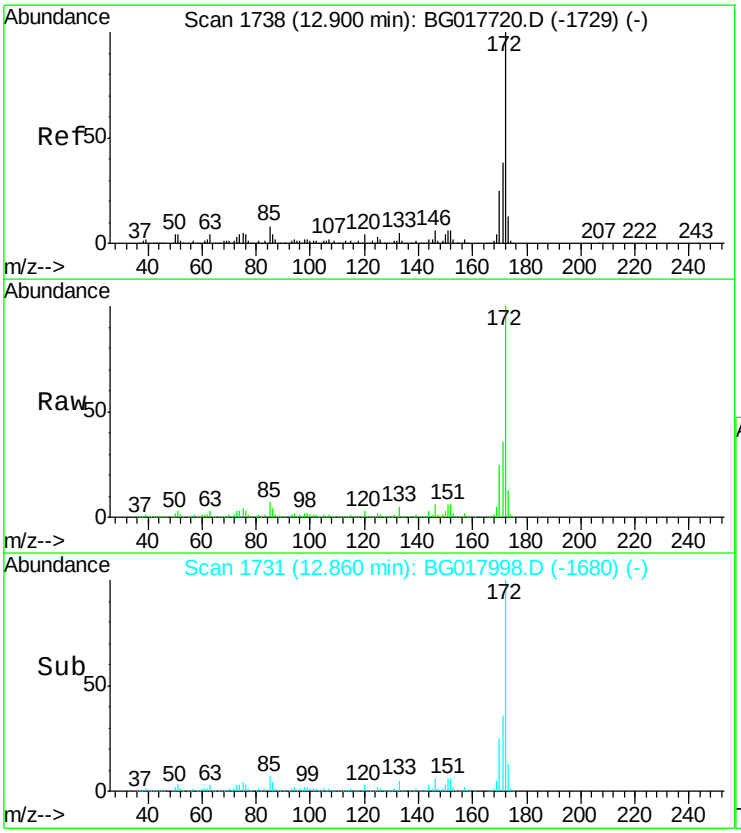
#41
2,4,6-Tribromophenol
Concen: 120.67 ng
RT: 15.74 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt Ion:330 Resp: 315713

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	36.3	38.0	57.0#

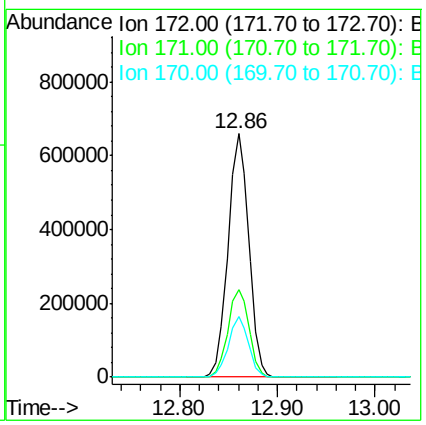


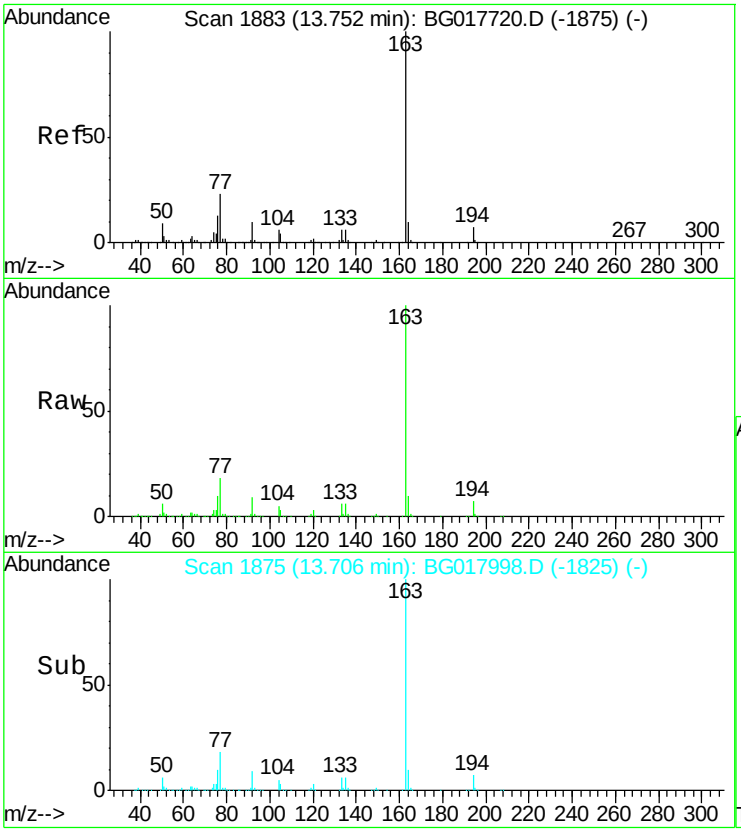


#44
2-Fluorobiphenyl
Concen: 65.16 ng
RT: 12.86 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion:172 Resp: 970928

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.7	19.7	29.5



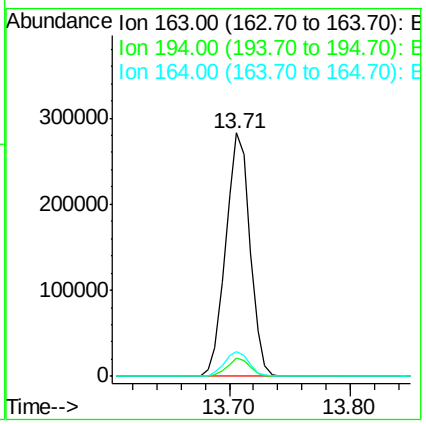


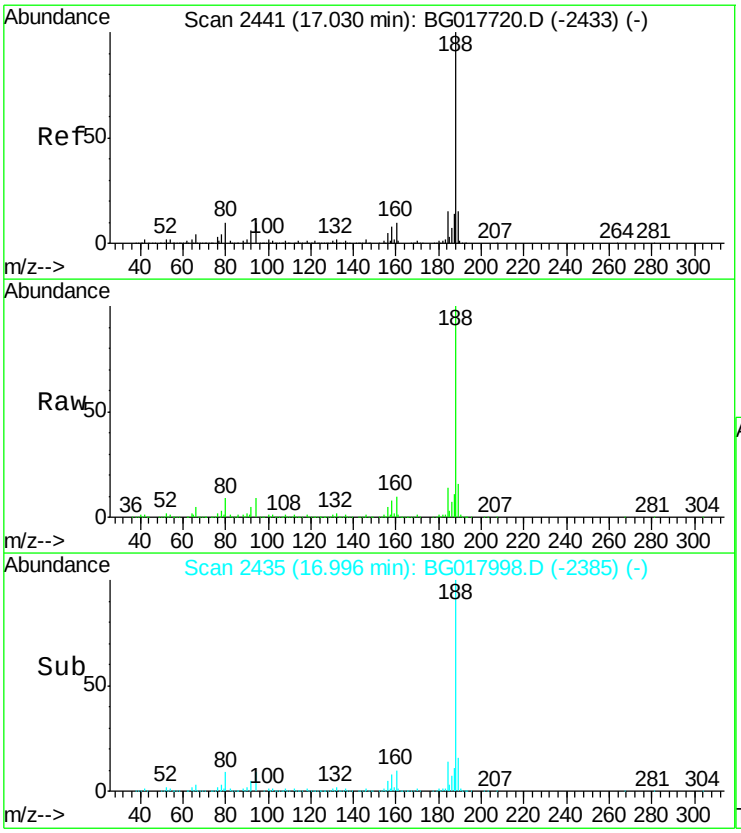
#49
Dimethylphthalate
Concen: 21.93 ng
RT: 13.71 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt Ion:163 Resp: 393318

Ion	Ratio	Lower	Upper
163	100		
194	7.3	5.8	8.6
164	10.2	8.3	12.5

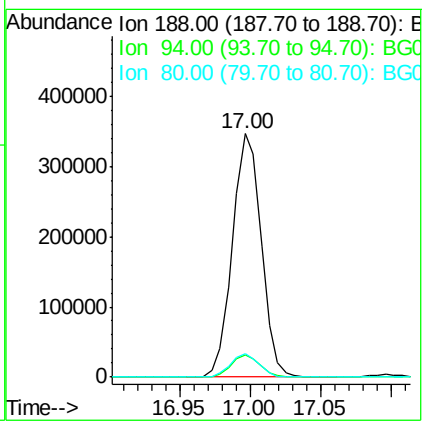


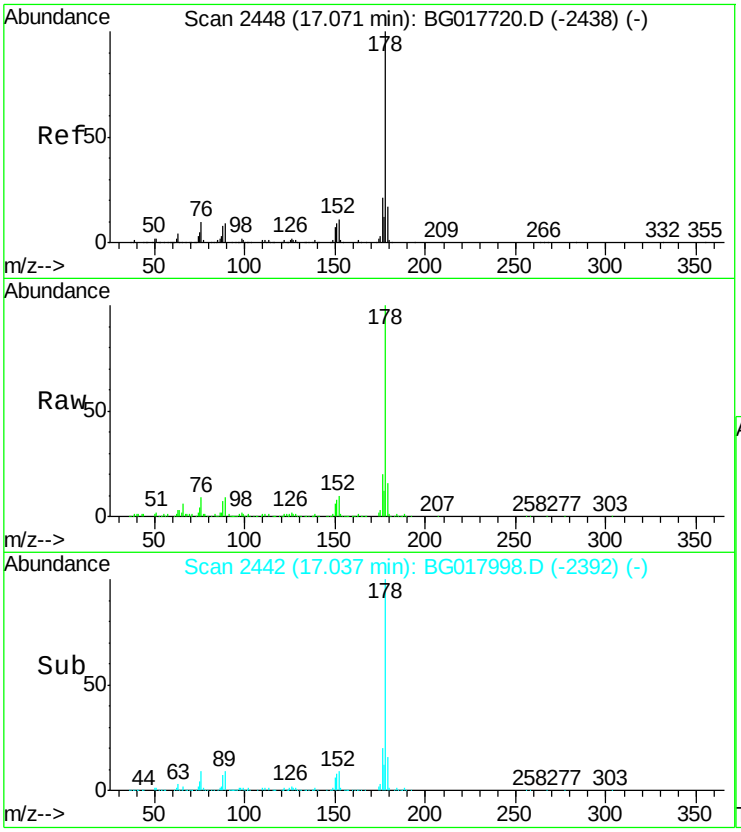


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion:188 Resp: 493921

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.4	8.2	12.4



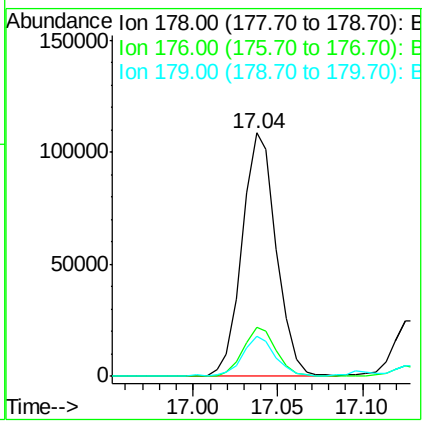


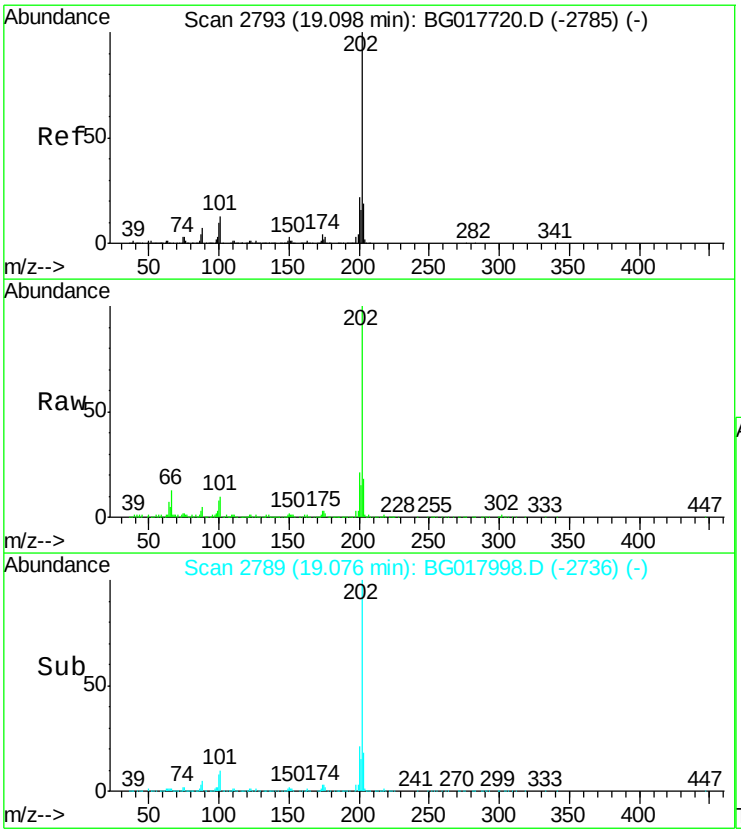
#70
Phenanthrene
Concen: 6.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt Ion:178 Resp: 152895

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.5	24.7
179	16.3	13.5	20.3

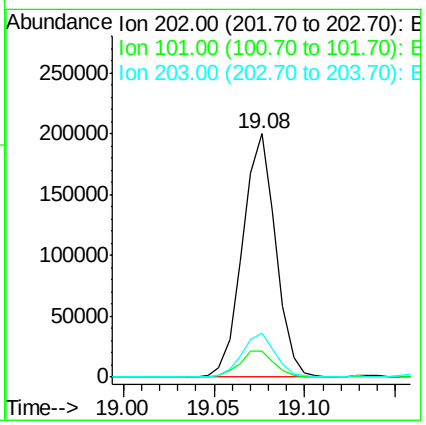


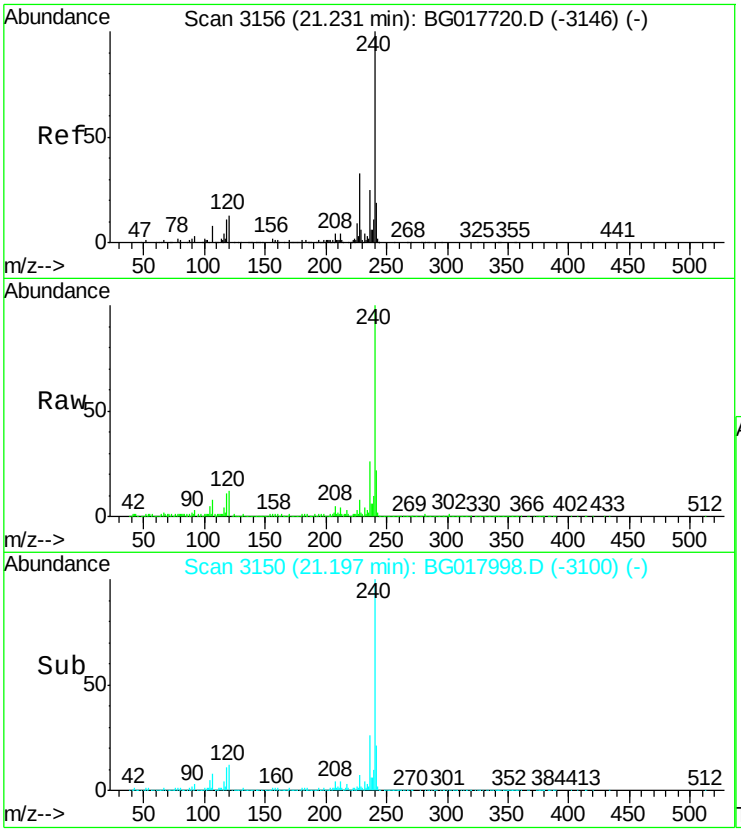


#74
Fluoranthene
Concen: 9.04 ng
RT: 19.08 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion:202 Resp: 252204

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.3
203	18.2	0.0	39.5



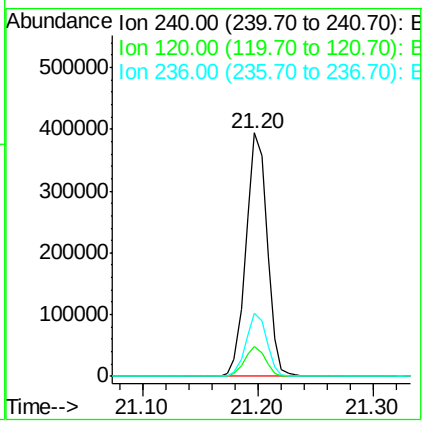


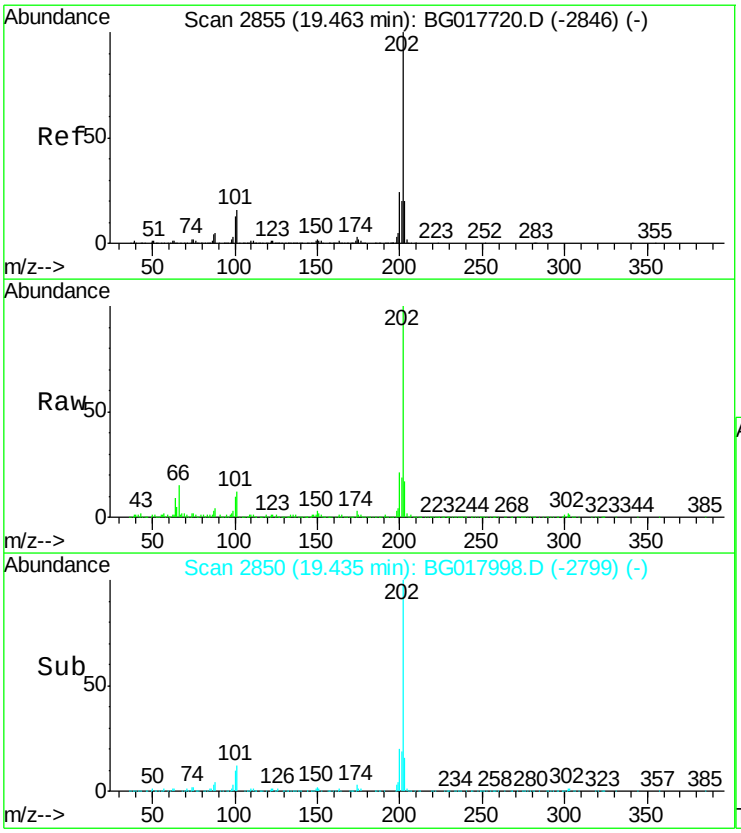
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt Ion:240 Resp: 502749

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.8	16.2
236	25.8	20.0	30.0

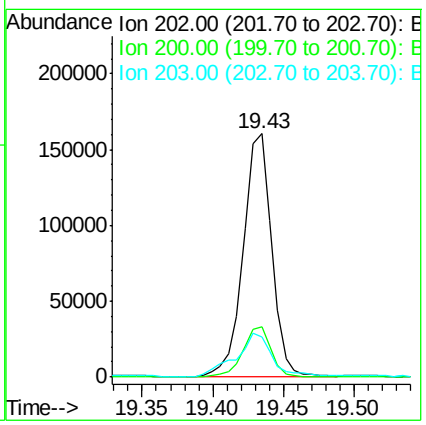


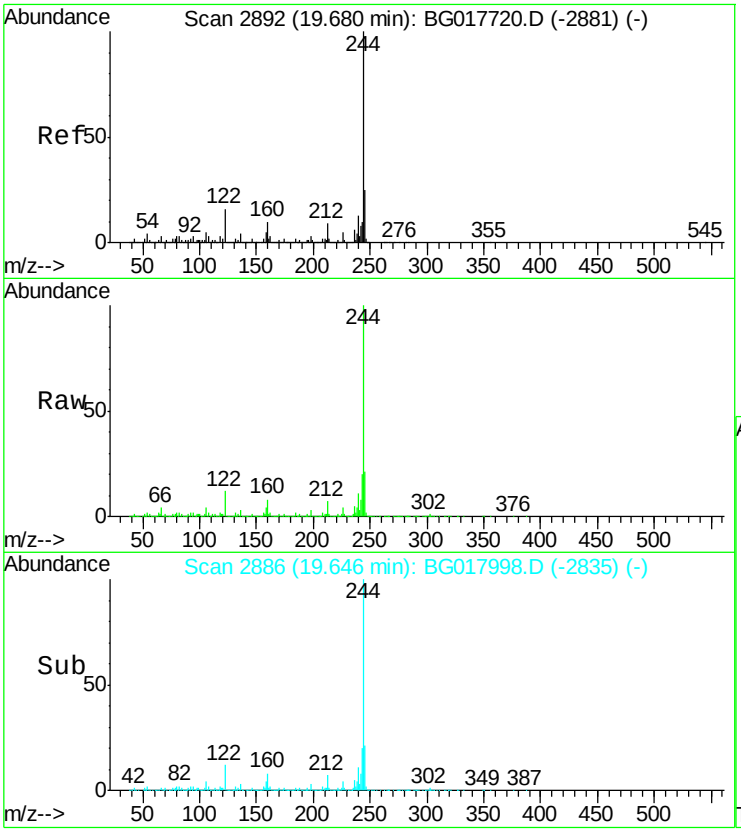


#77
Pyrene
Concen: 8.15 ng
RT: 19.43 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion:202 Resp: 228397

Ion	Ratio	Lower	Upper
202	100		
200	20.6	18.8	28.2
203	16.7	15.9	23.9



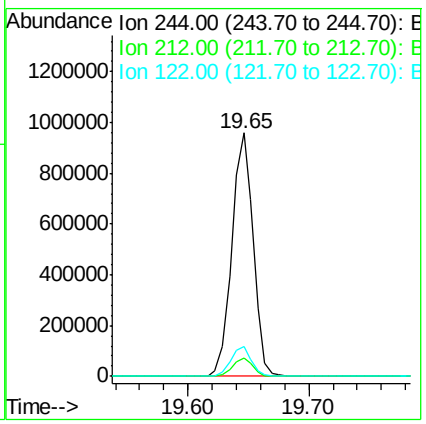


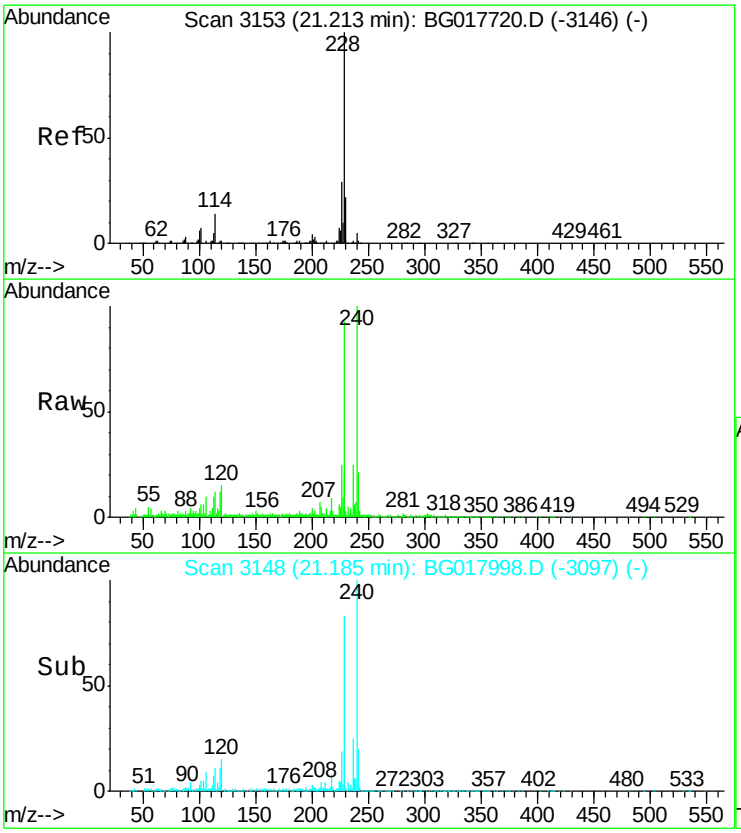
#78
Terphenyl-d14
Concen: 58.86 ng
RT: 19.65 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt Ion:244 Resp: 1174849

Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.2	10.8
122	12.1	12.8	19.2#

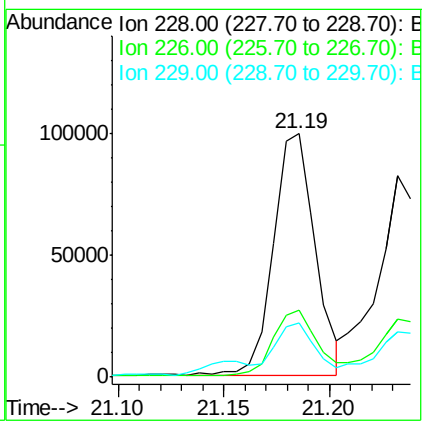


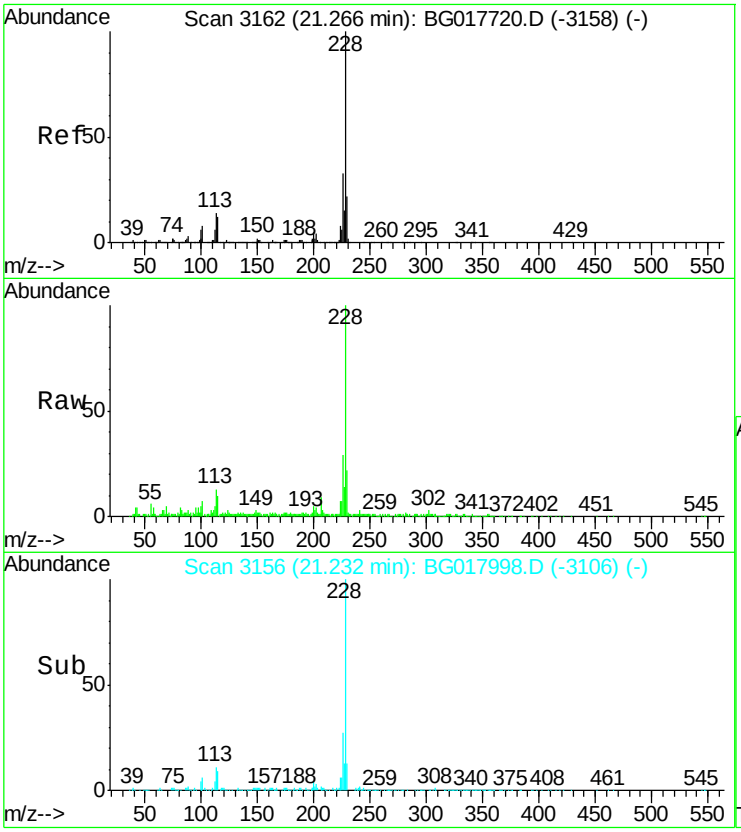


#80
Benzo(a)anthracene
Concen: 5.10 ng
RT: 21.19 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion:228 Resp: 135491

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.1	34.7
229	22.3	17.4	26.0



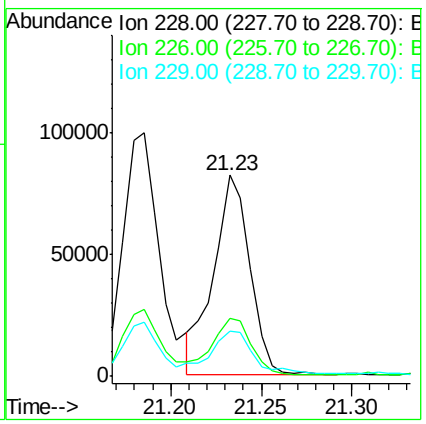


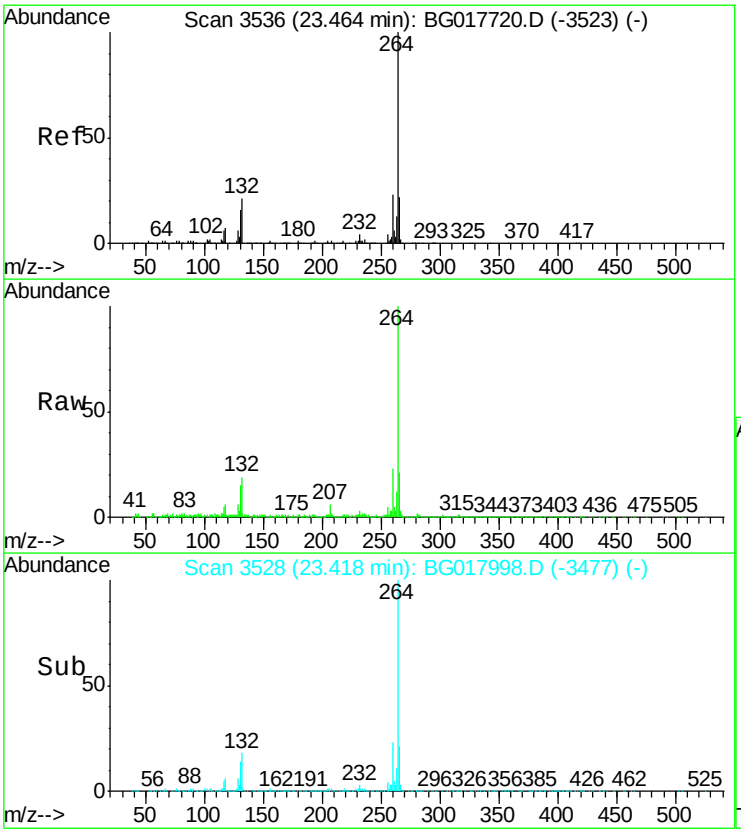
#82
Chrysene
Concen: 4.53 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt Ion:228 Resp: 114552

Ion	Ratio	Lower	Upper
228	100		
226	29.1	26.1	39.1
229	22.3	17.7	26.5

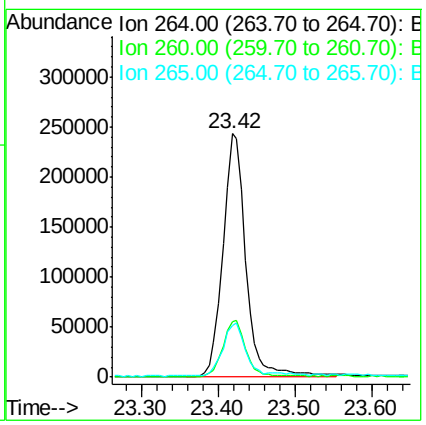


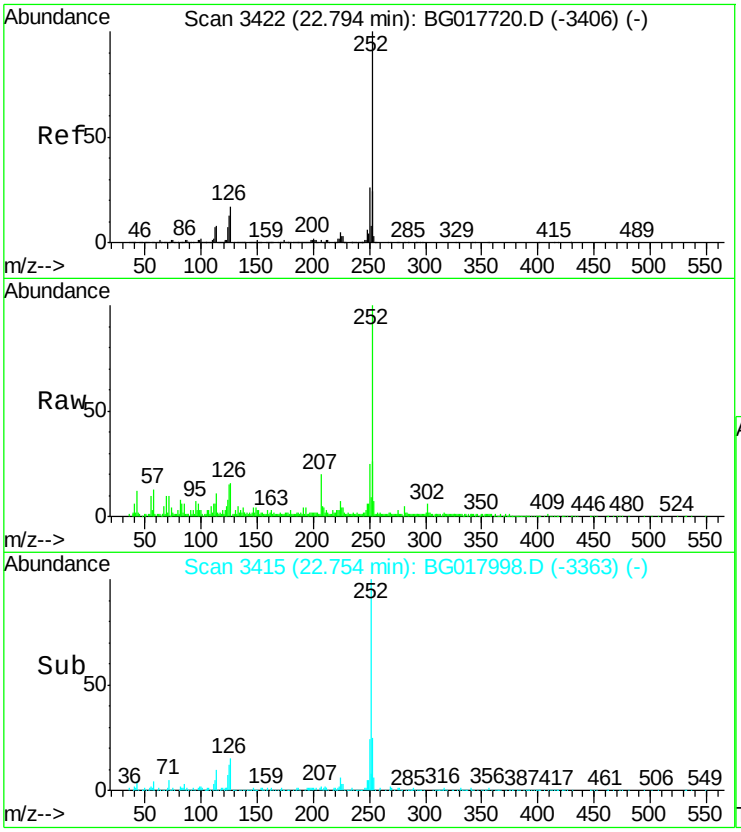


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion:264 Resp: 504132

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.4	18.2	27.2



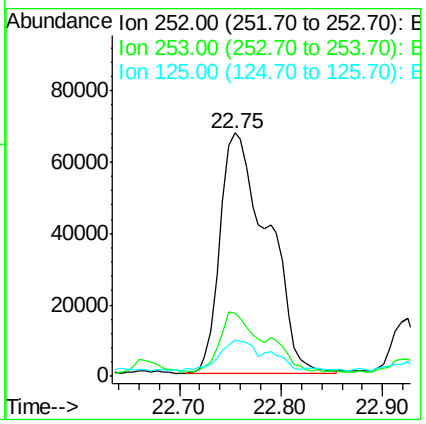


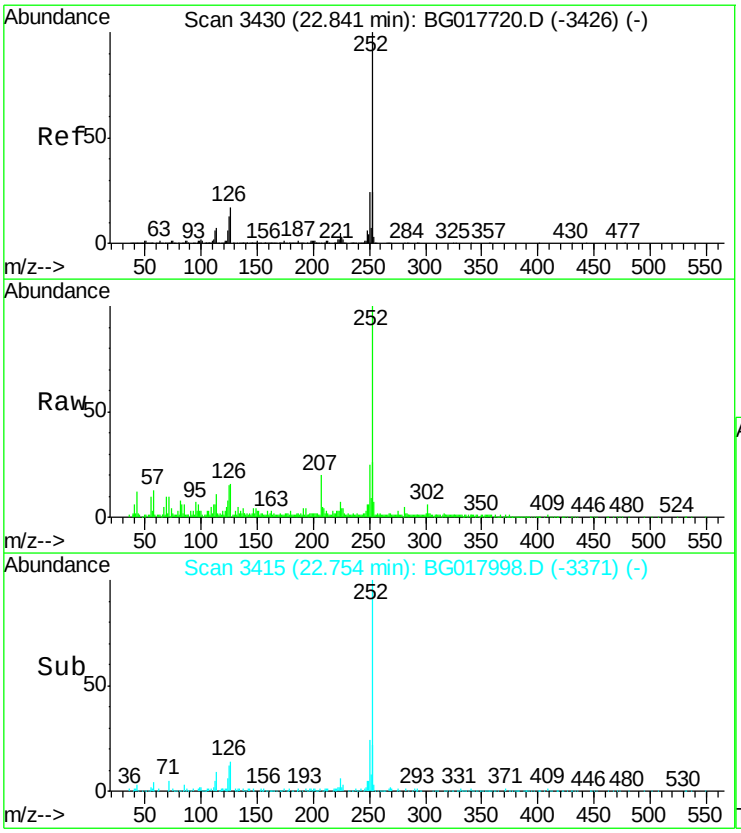
#87
Benzo(b)fluoranthene
Concen: 8.01 ng
RT: 22.75 min Scan# 3415
Delta R.T. 0.01 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt Ion:252 Resp: 221043

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.7	29.5
125	15.0	10.6	15.8

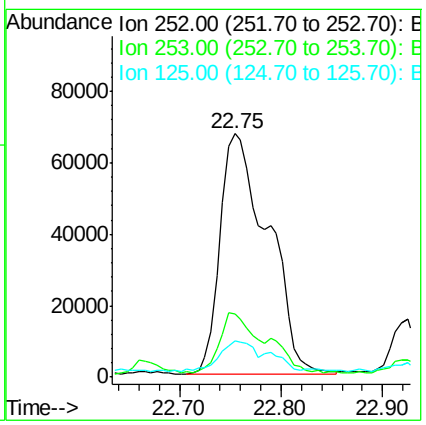


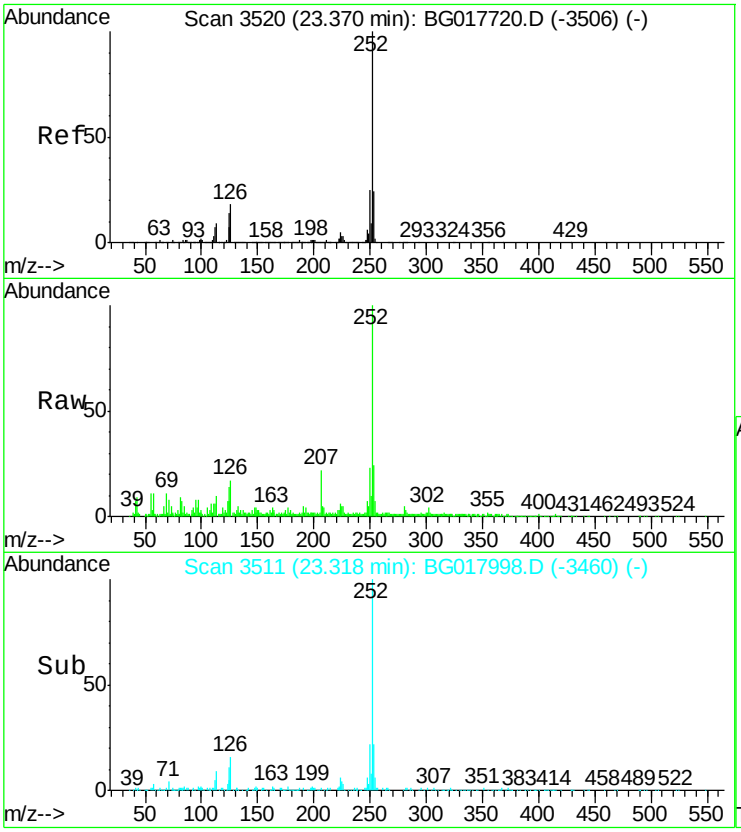


#88
Benzo(k)fluoranthene
Concen: 8.03 ng
RT: 22.75 min Scan# 3415
Delta R.T. -0.04 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion:252 Resp: 221043

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.0	28.6
125	15.0	10.3	15.5





#89
Benzo(a)pyrene
Concen: 4.43 ng
RT: 23.32 min Scan# 3511
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt Ion:252 Resp: 113840

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.6
125	13.9	11.1	16.7