Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
Data File : BG017689.D
Acq On : 15 Jun 2015 14:36
Operator : TP/IZ
Sample : G2522-23DL 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11CDL

Quant Time: Jun 16 02:01:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17488	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	70290	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	54136	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	141617	20.00	ng	0.00
75) Chrysene-d12	21.16	240	201375	20.00	ng	0.00
86) Perylene-d12	23.36	264	203484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	4254	4.71	ng	0.00
7) Phenol-d6	6.74	99	3204	2.42	ng	0.00
23) Nitrobenzene-d5	8.70	82	10832	6.47	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	8227	8.80	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	26616	6.80	ng	0.00
78) Terphenyl-d14	19.61	244	64342	6.67	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.38	128	2911535	767.39	ng	# 84
37) 2-Methylnaphthalene	11.99	142	138302	45.60	ng	95
45) 1,1'-Biphenyl	13.03	154	14697	3.70	ng	94
48) Acenaphthylene	13.93	152	28215	5.04	ng	99
57) Fluorene	15.26	166	10440	2.22	ng	99
70) Phenanthrene	17.00	178	19474	2.46	ng	95

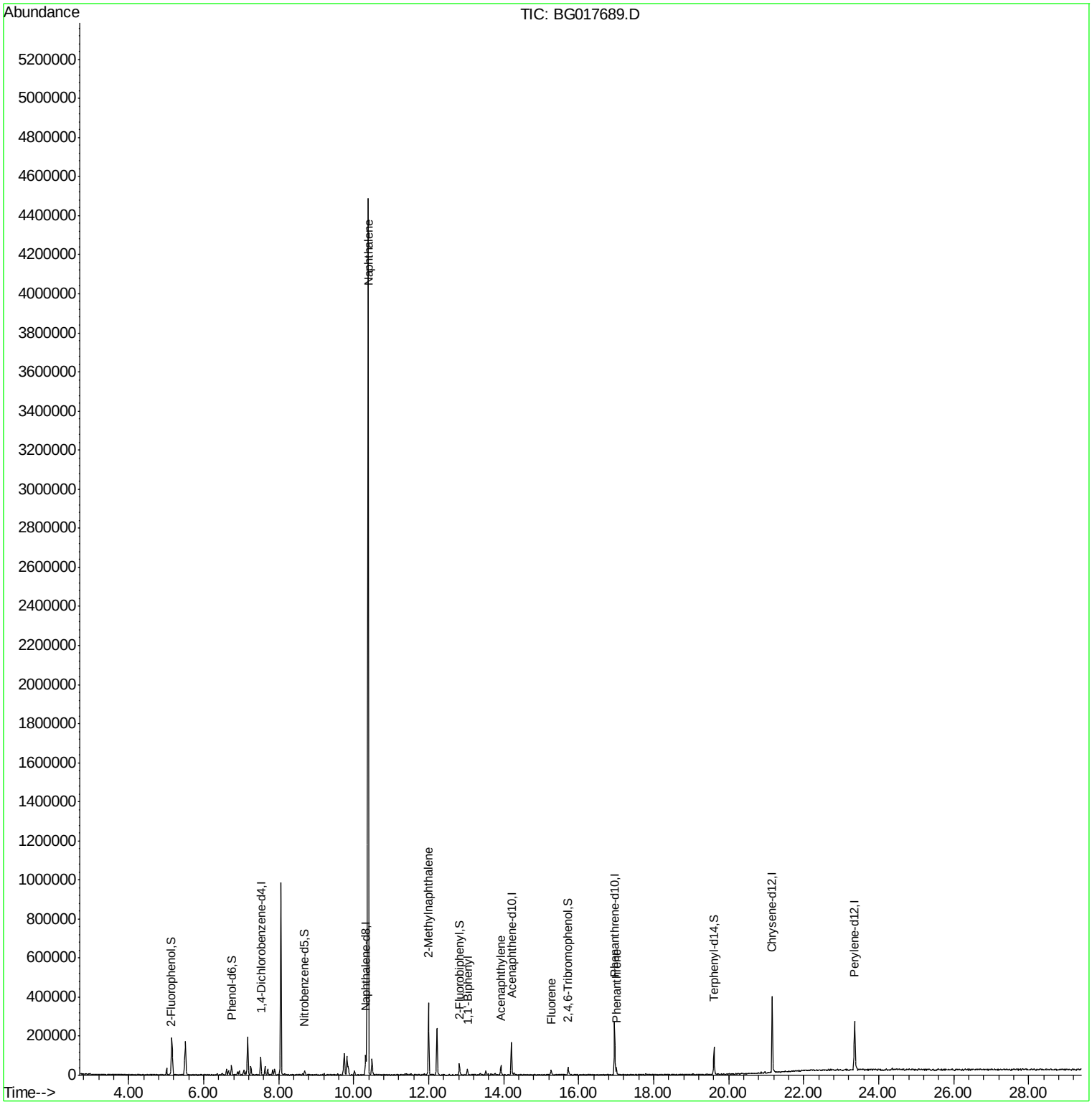
(#) = qualifier out of range (m) = manual integration (+) = signals summed

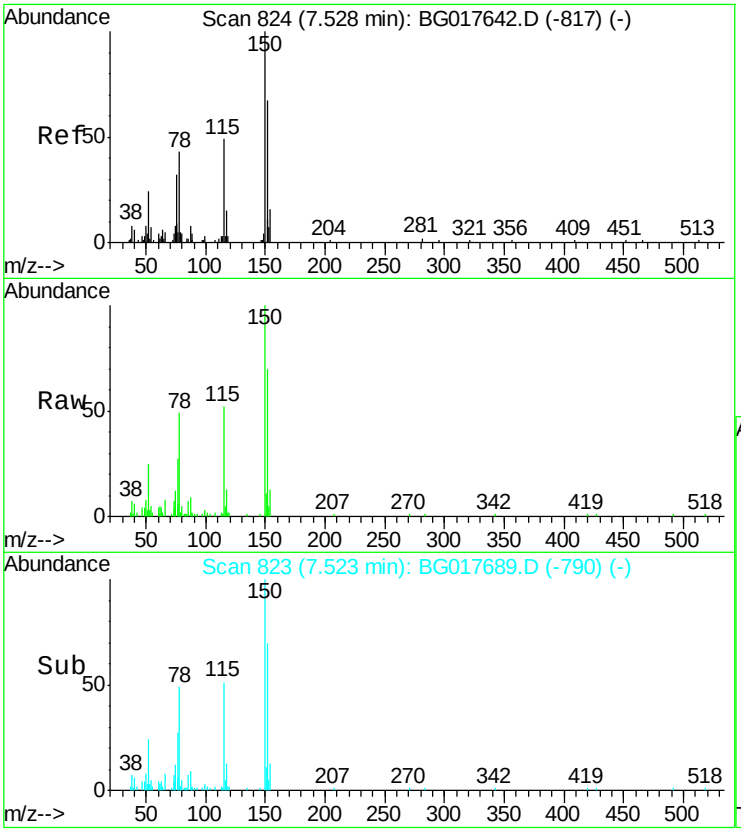
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
Data File : BG017689.D
Acq On : 15 Jun 2015 14:36
Operator : TP/IZ
Sample : G2522-23DL 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Quant Time: Jun 16 02:01:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration



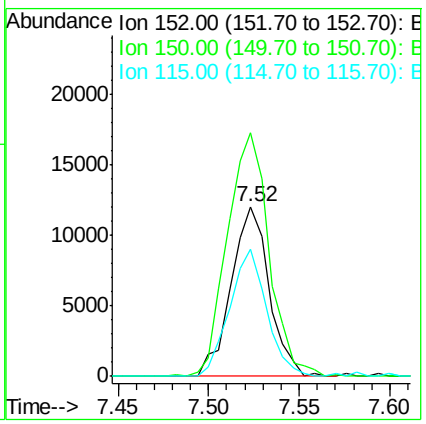


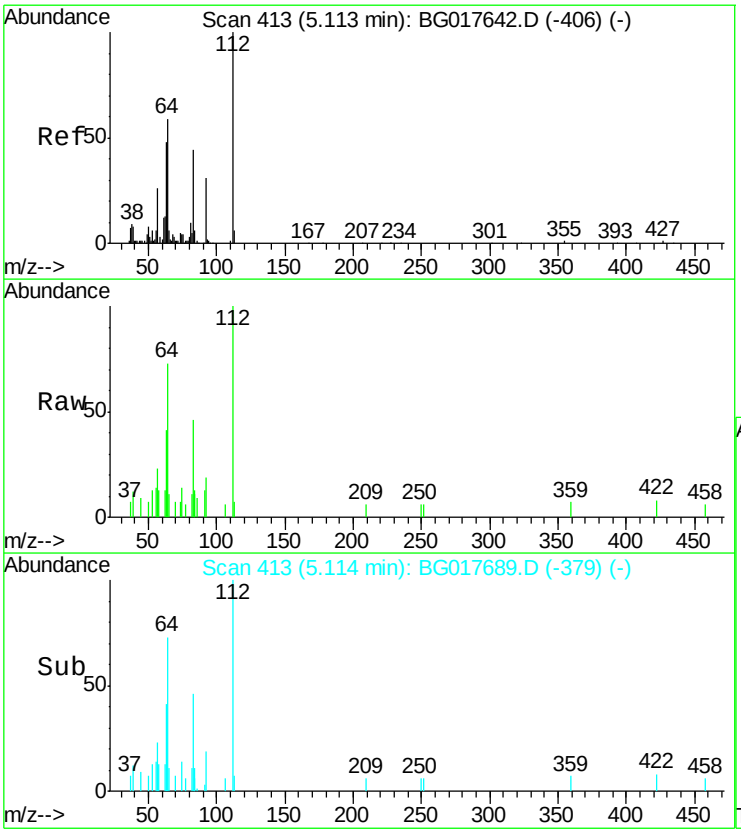
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Tgt Ion:152 Resp: 17488

Ion	Ratio	Lower	Upper
152	100		
150	143.3	119.4	179.0
115	74.7	58.2	87.2

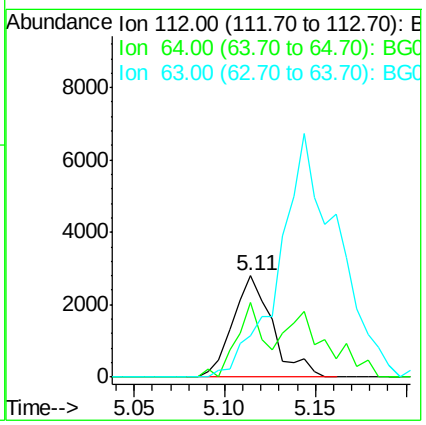


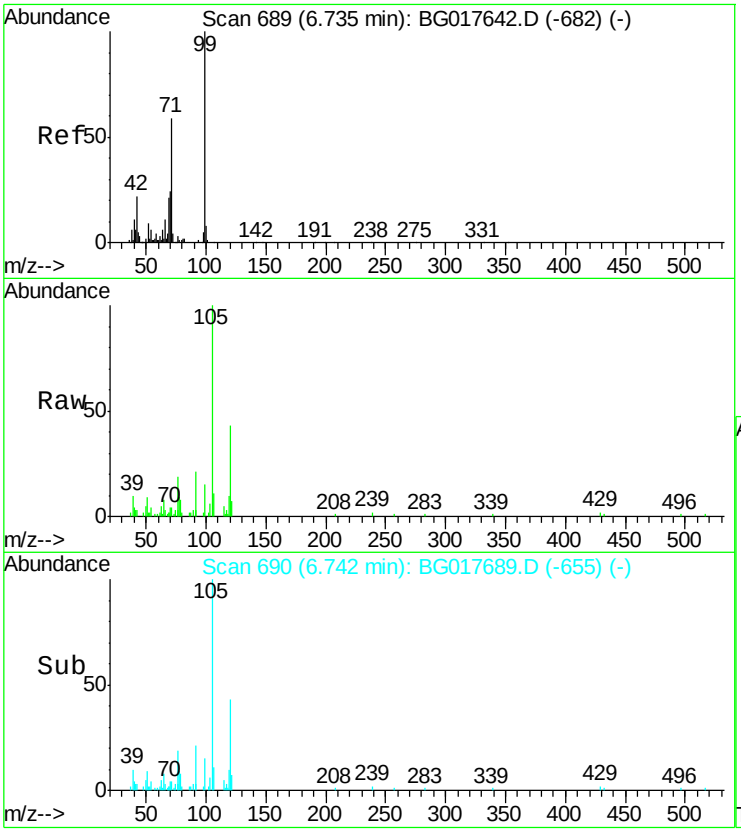


#5
2-Fluorophenol
Concen: 4.71 ng
RT: 5.11 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:112 Resp: 4254

Ion	Ratio	Lower	Upper
112	100		
64	73.4	47.0	70.6#
63	41.5	38.6	58.0



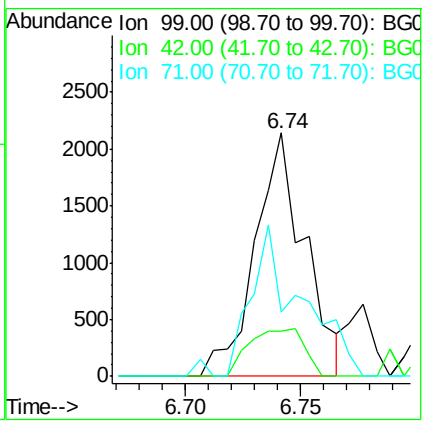


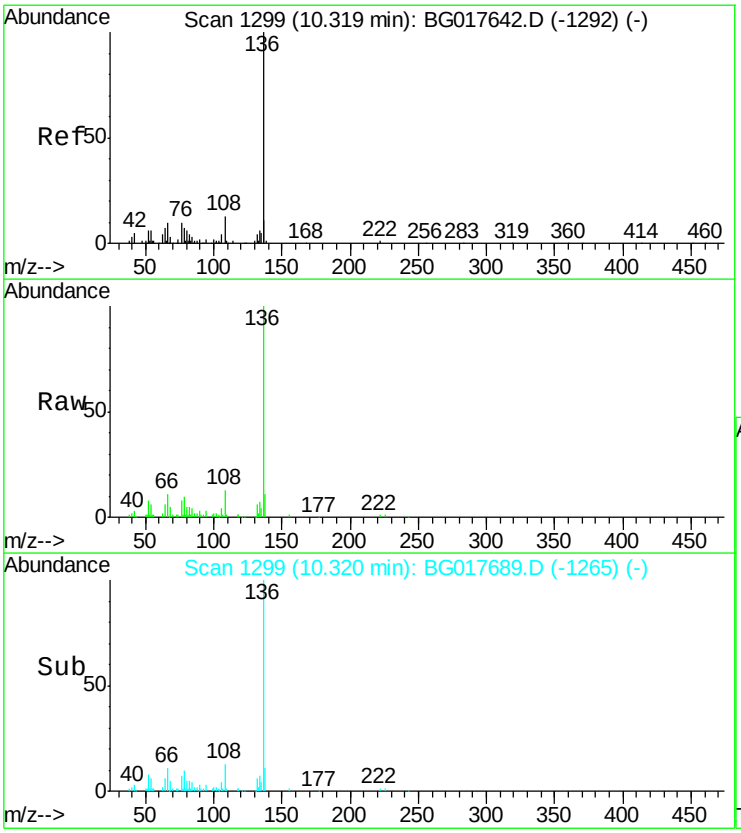
#7
Phenol-d6
Concen: 2.42 ng
RT: 6.74 min Scan# 690
Delta R.T. 0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Tgt Ion: 99 Resp: 3204

Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.4	26.2
71	26.6	47.4	71.0#

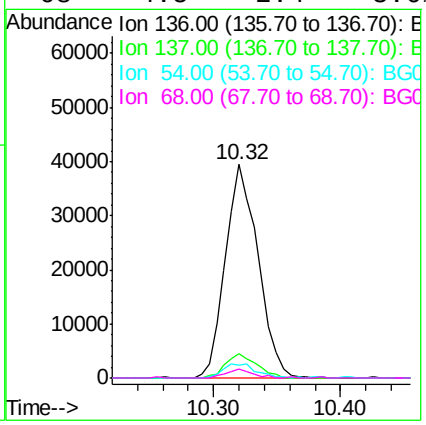


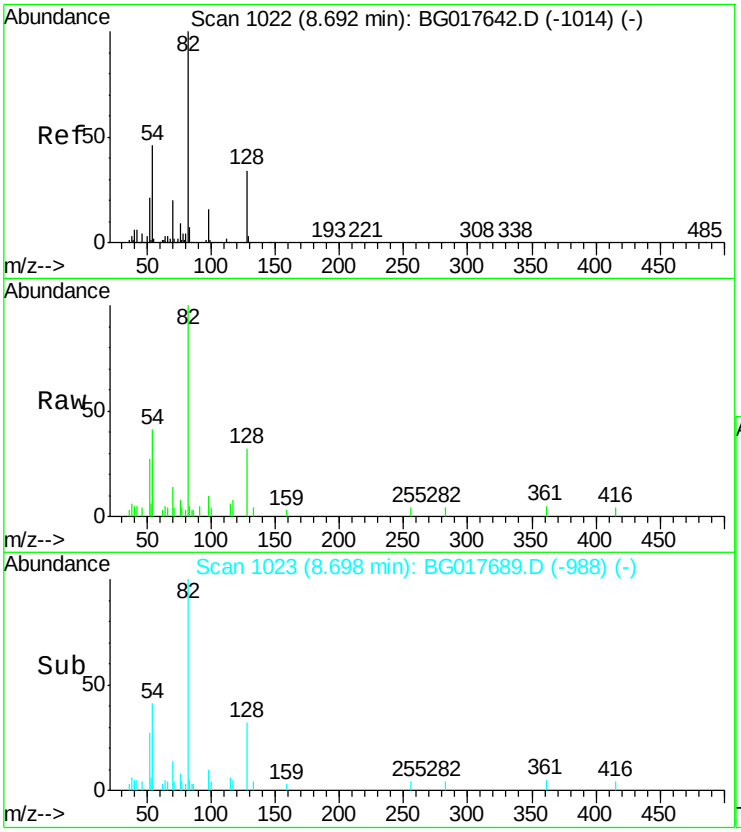


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:136 Resp: 70290

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.2	4.7	7.1
68	4.5	2.4	3.6#



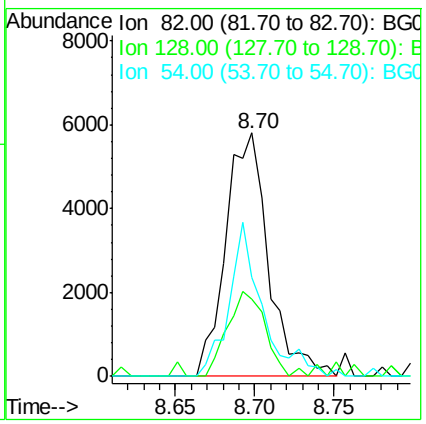


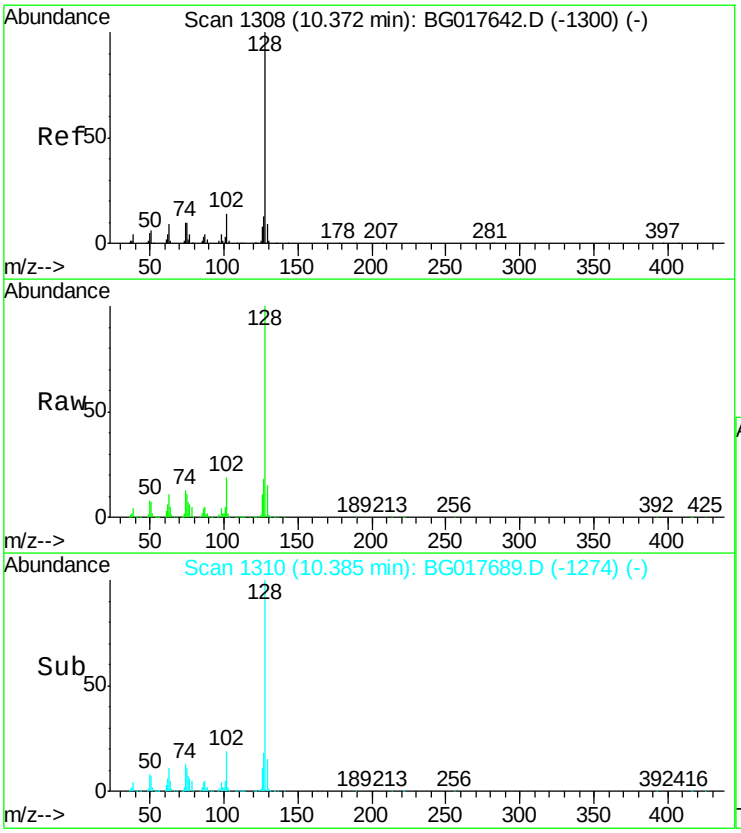
#23
Nitrobenzene-d5
Concen: 6.47 ng
RT: 8.70 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Tgt Ion: 82 Resp: 10832

Ion	Ratio	Lower	Upper
82	100		
128	31.9	27.3	40.9
54	40.8	37.0	55.4

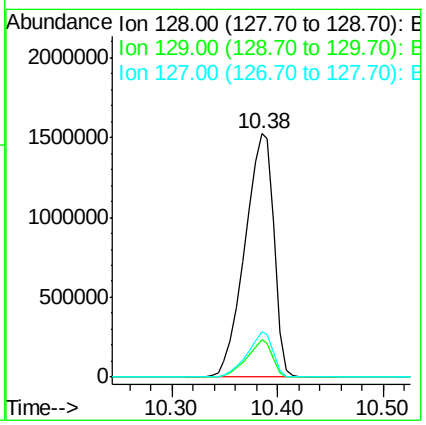


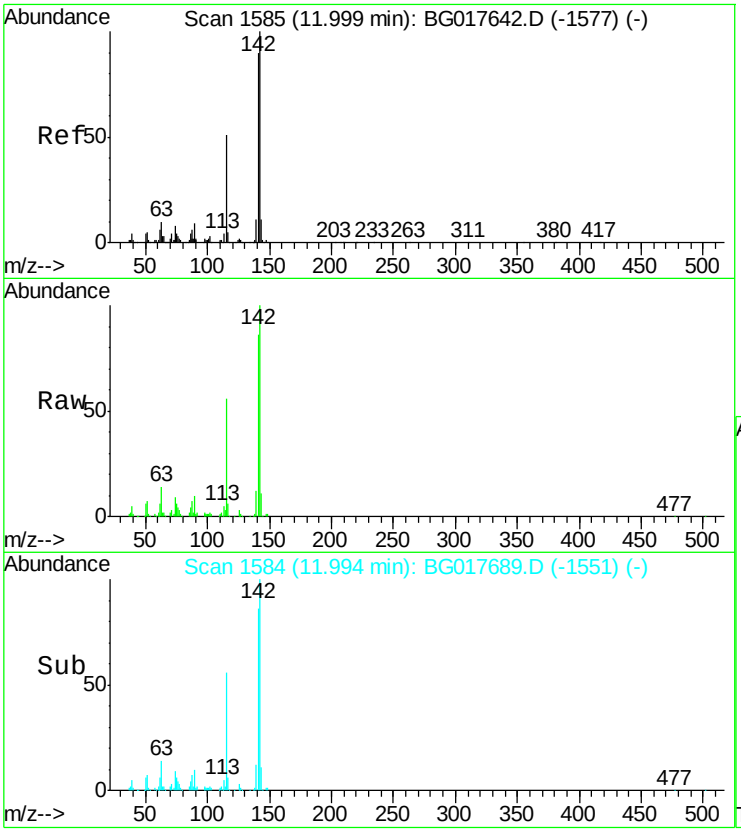


#31
Naphthalene
Concen: 767.39 ng
RT: 10.38 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:128 Resp: 2911535

Ion	Ratio	Lower	Upper
128	100		
129	15.2	7.0	10.4#
127	18.4	10.2	15.2#



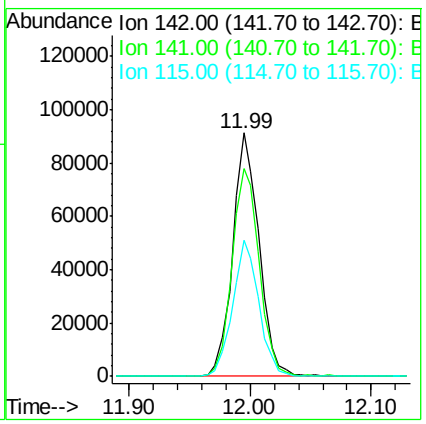


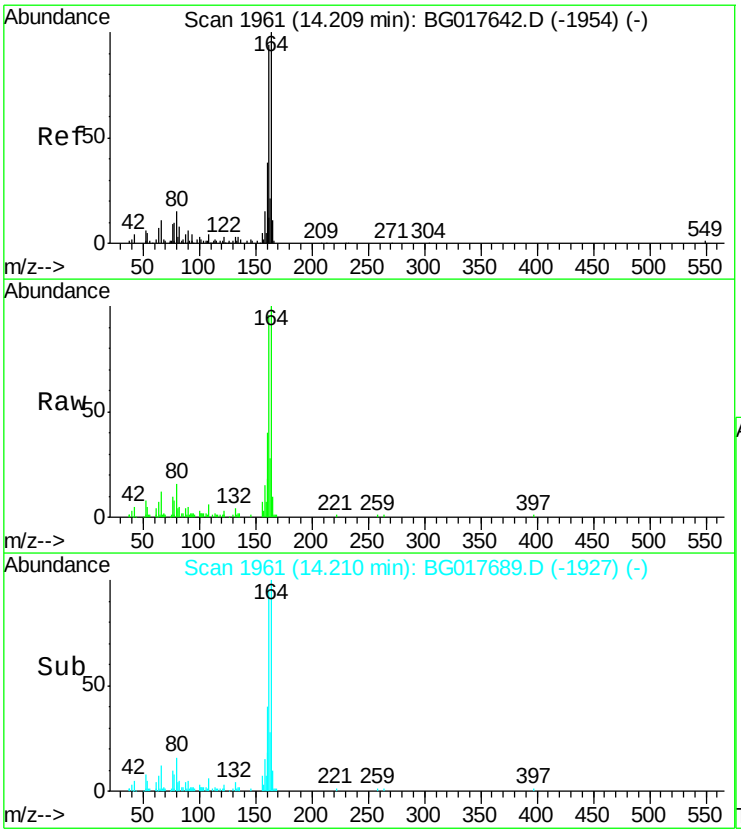
#37
2-Methylnaphthalene
Concen: 45.60 ng
RT: 11.99 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Tgt Ion:142 Resp: 138302

Ion	Ratio	Lower	Upper
142	100		
141	85.6	71.8	107.8
115	55.8	41.0	61.4

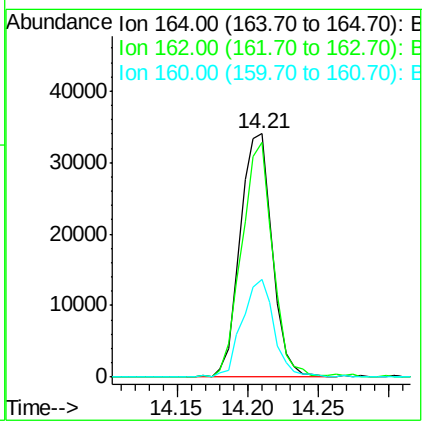


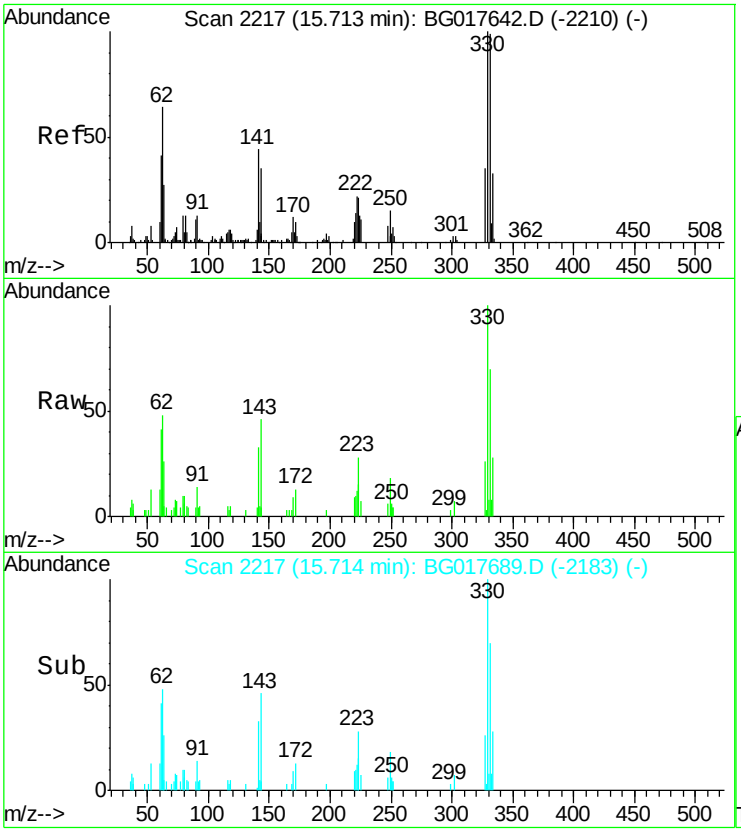


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:164 Resp: 54136

Ion	Ratio	Lower	Upper
164	100		
162	96.3	75.0	112.4
160	40.2	30.3	45.5



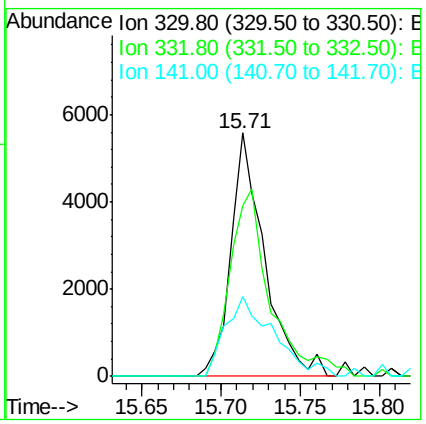


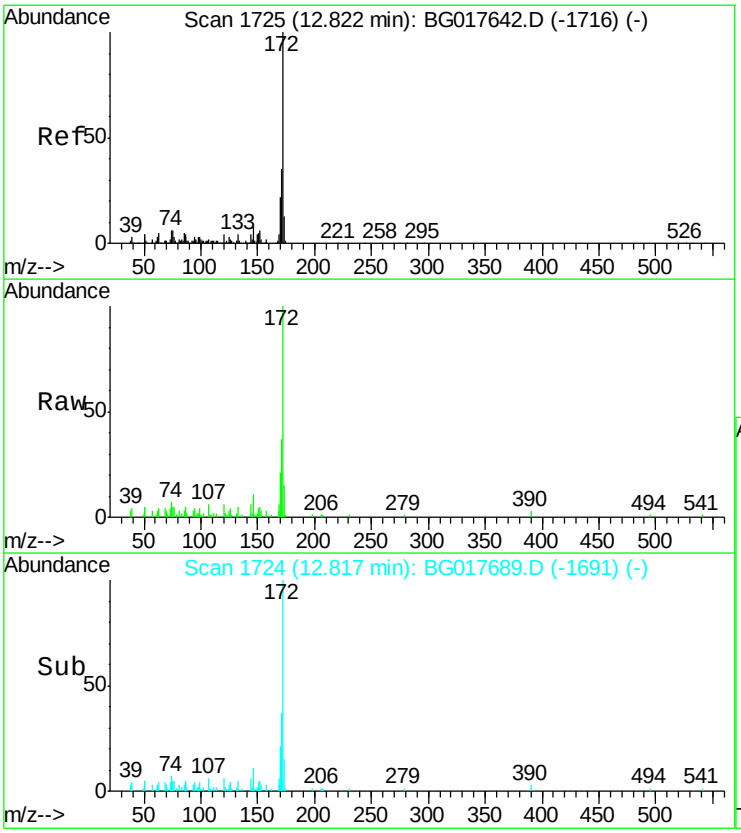
#41
2,4,6-Tribromophenol
Concen: 8.80 ng
RT: 15.71 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Tgt Ion:330 Resp: 8227

Ion	Ratio	Lower	Upper
330	100		
332	91.5	76.6	114.8
141	46.9	34.6	51.8

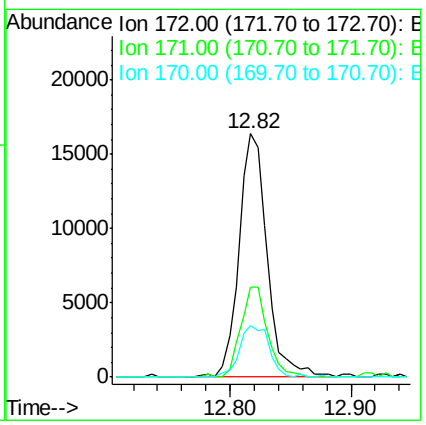


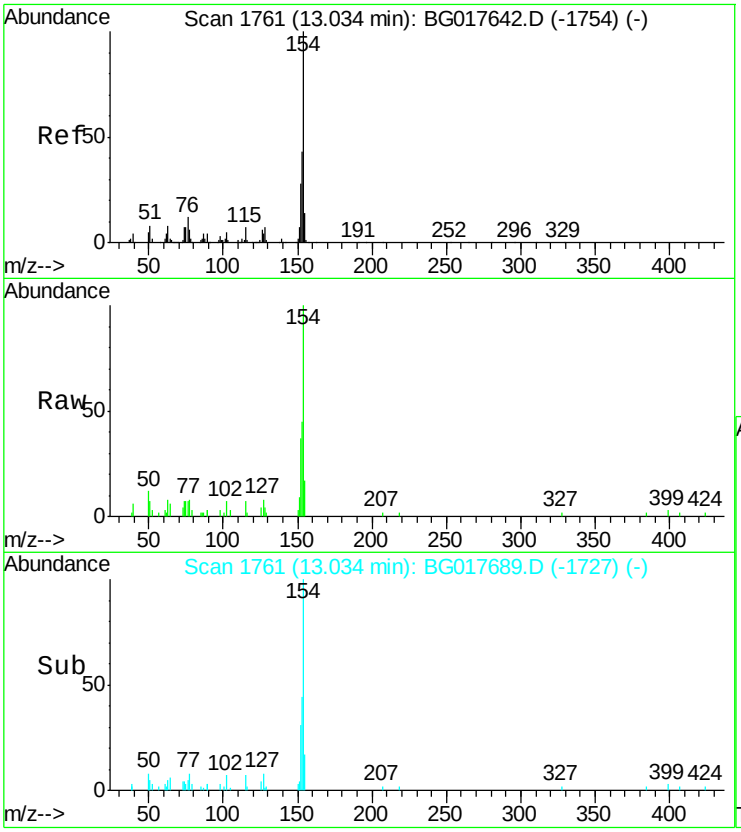


#44
2-Fluorobiphenyl
Concen: 6.80 ng
RT: 12.82 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:172 Resp: 26616

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.2	42.2
170	21.3	17.4	26.2



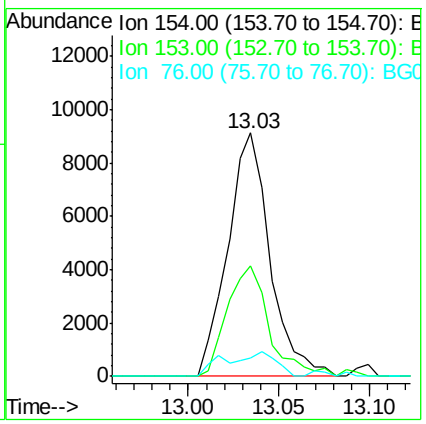


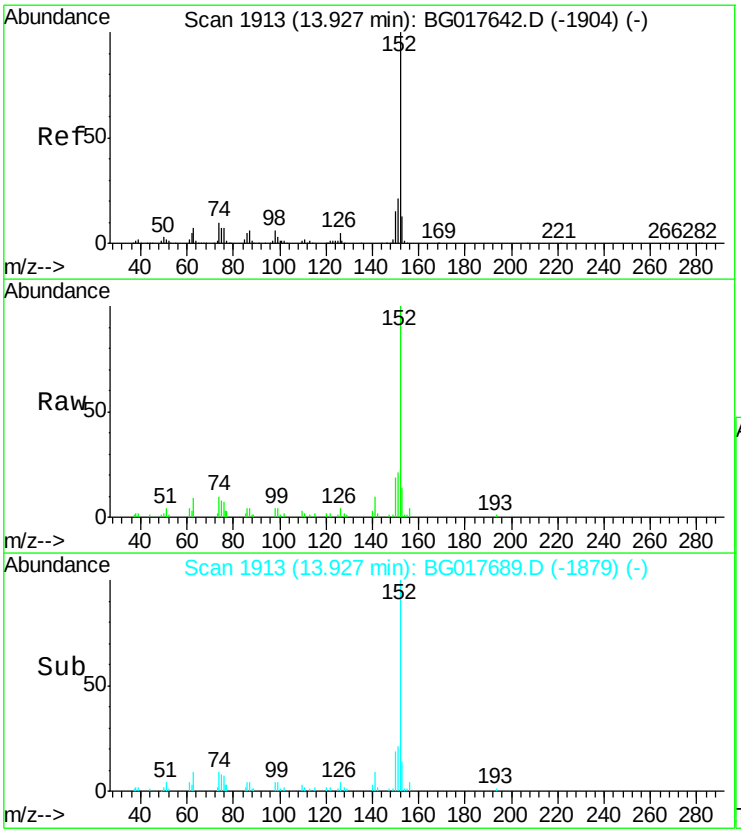
#45
1,1'-Biphenyl
Concen: 3.70 ng
RT: 13.03 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Tgt Ion:154 Resp: 14697

Ion	Ratio	Lower	Upper
154	100		
153	45.4	22.9	62.9
76	7.5	0.0	31.8

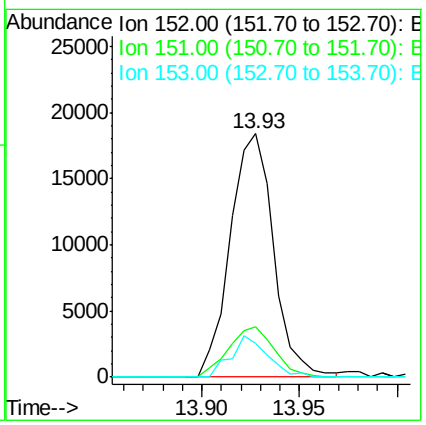


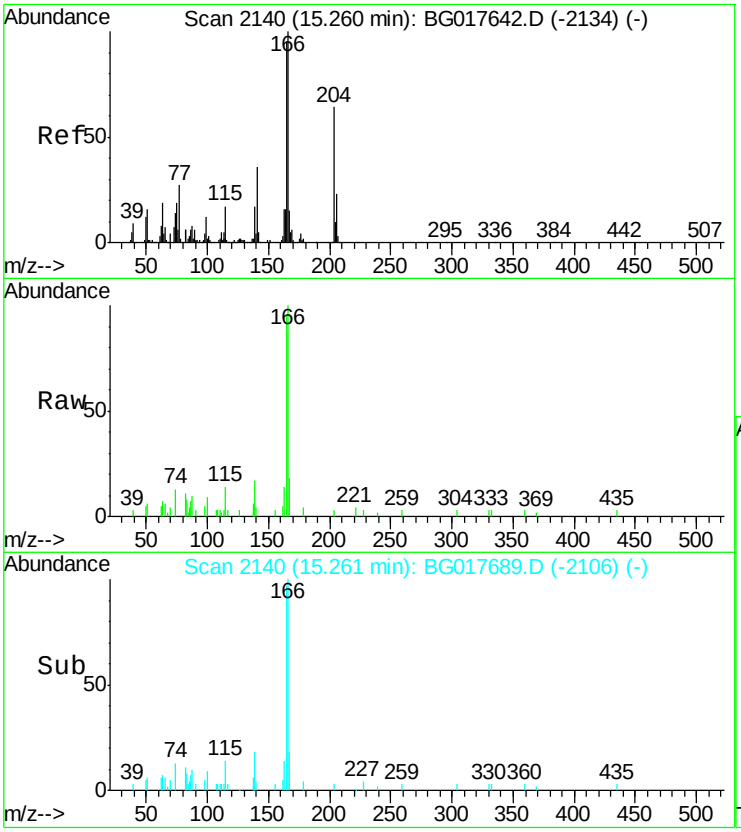


#48
Acenaphthylene
Concen: 5.04 ng
RT: 13.93 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:152 Resp: 28215

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.0	25.4
153	13.9	10.5	15.7



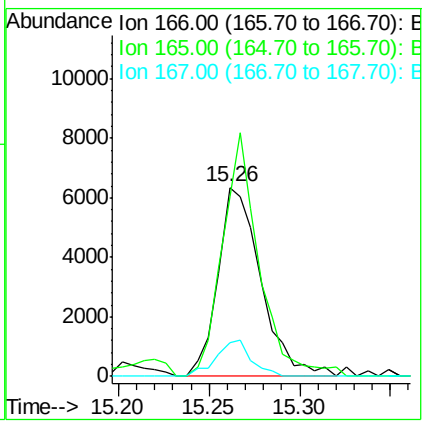


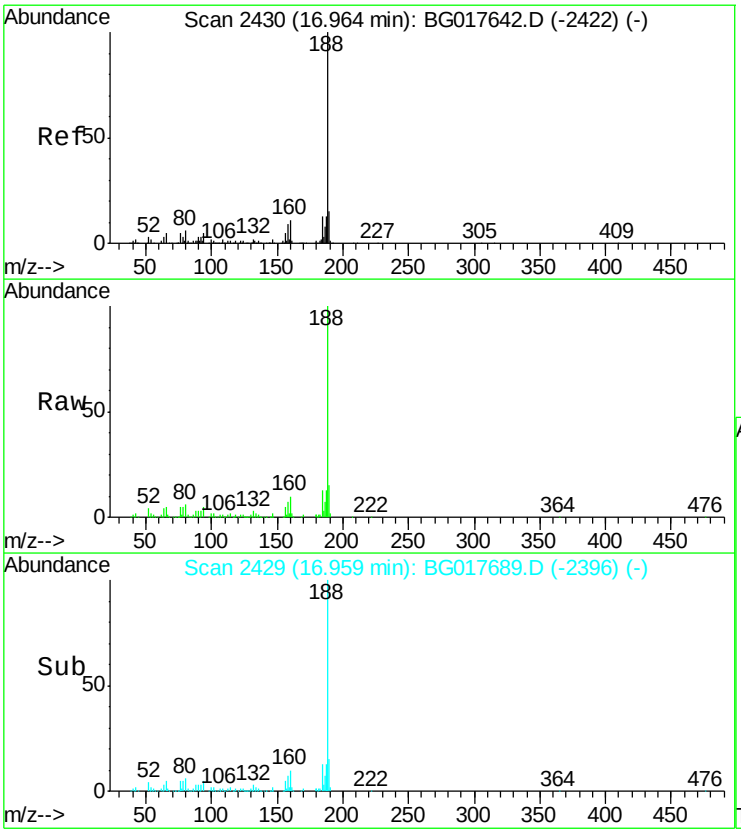
#57
Fluorene
Concen: 2.22 ng
RT: 15.26 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Tgt Ion:166 Resp: 10440

Ion	Ratio	Lower	Upper
166	100		
165	94.7	76.2	114.4
167	17.5	12.2	18.2

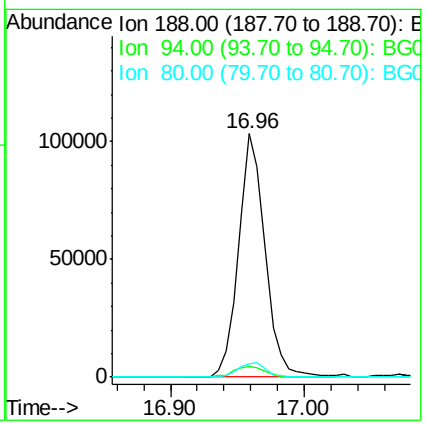


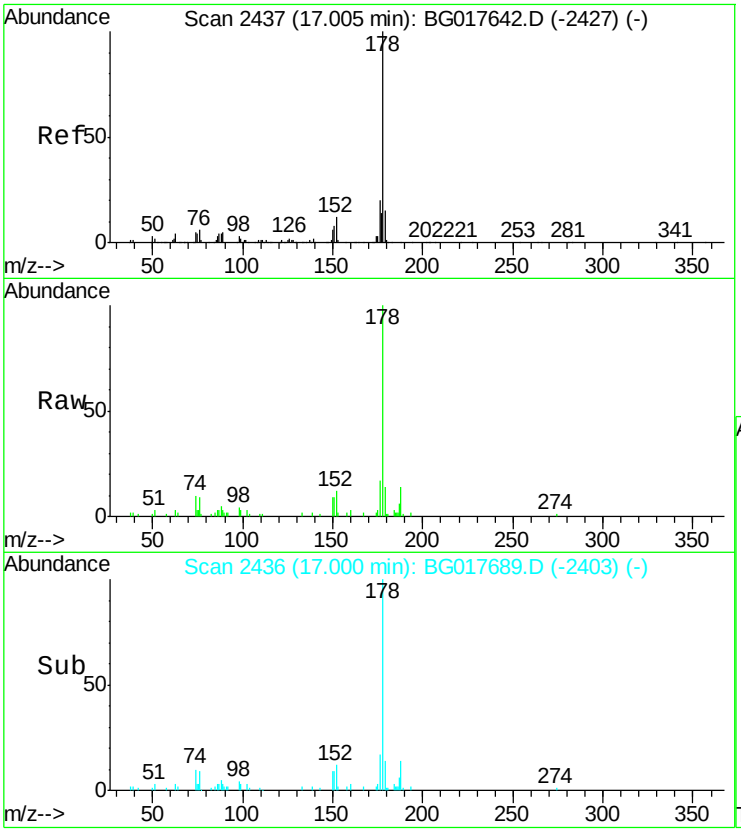


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:188 Resp: 141617

Ion	Ratio	Lower	Upper
188	100		
94	4.6	3.9	5.9
80	5.5	5.0	7.6



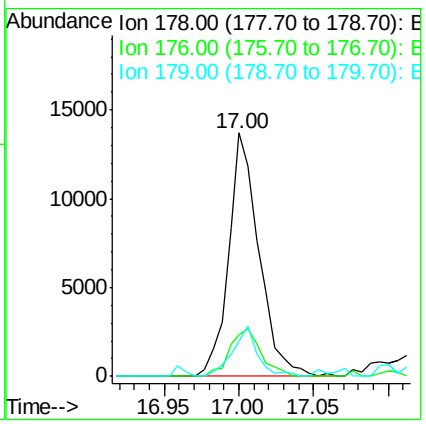


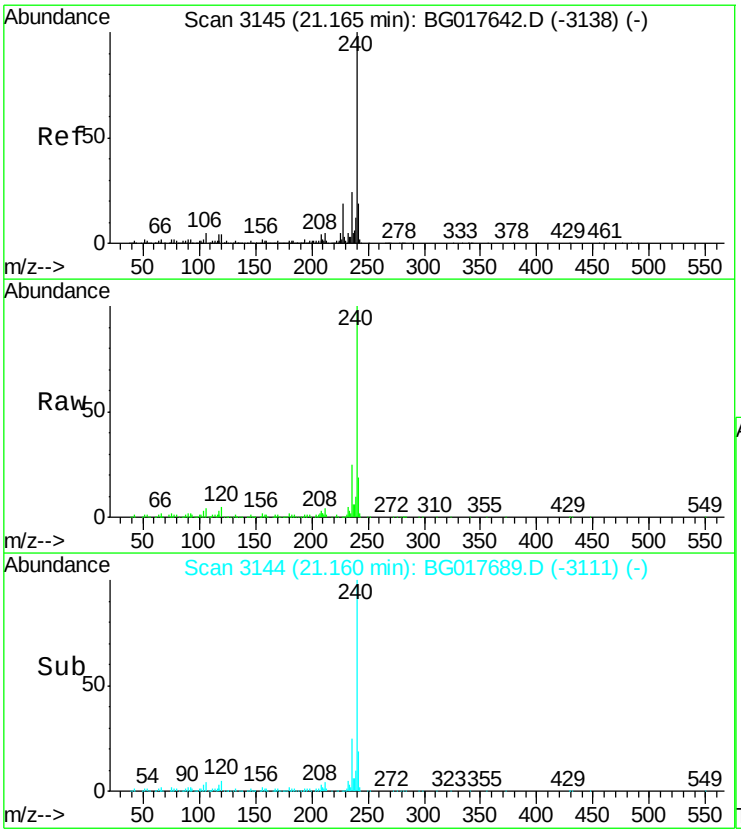
#70
Phenanthrene
Concen: 2.46 ng
RT: 17.00 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Tgt Ion:178 Resp: 19474

Ion	Ratio	Lower	Upper
178	100		
176	17.2	16.2	24.4
179	14.4	12.3	18.5

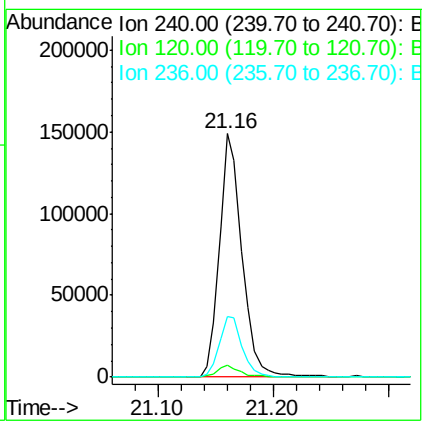


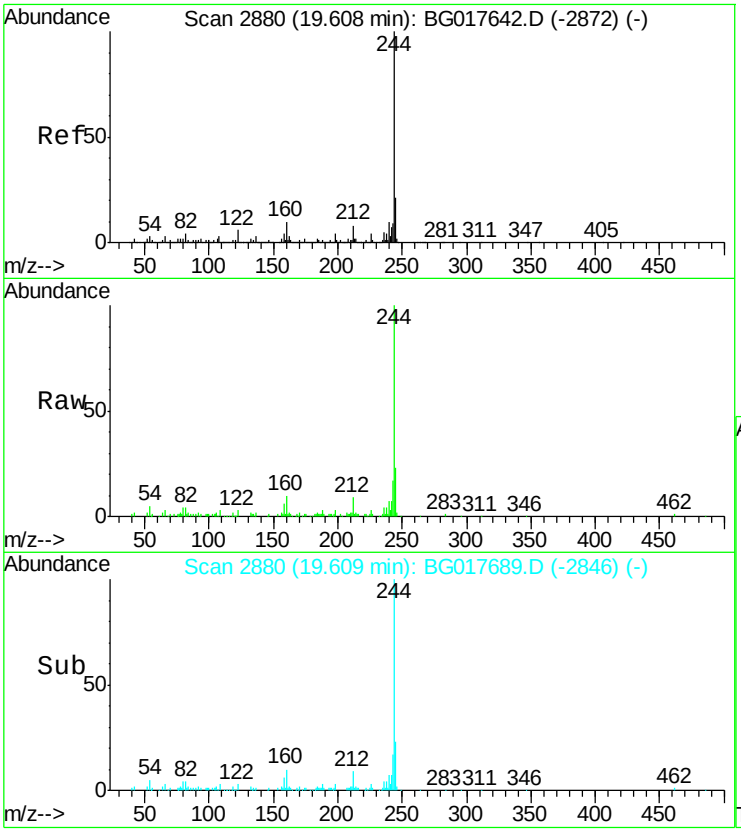


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:240 Resp: 201375

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.5	5.3
236	25.1	19.5	29.3



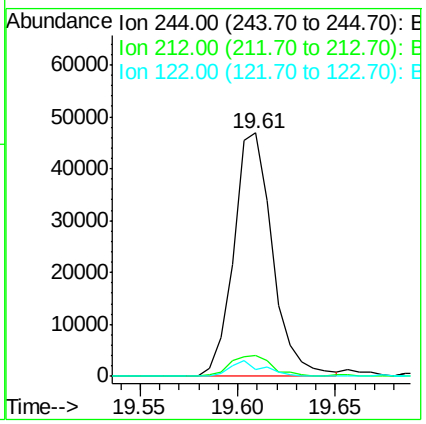


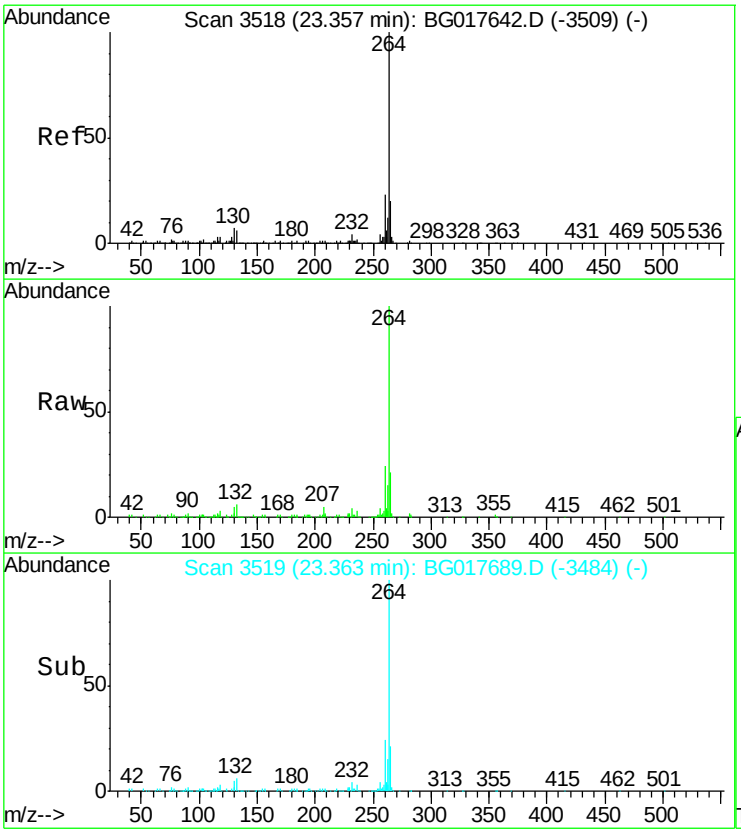
#78
Terphenyl-d14
Concen: 6.67 ng
RT: 19.61 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Tgt Ion:244 Resp: 64342

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.3	9.5
122	2.8	4.6	6.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:264 Resp: 203484

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.4	16.2	24.2