Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
Data File : BG017690.D
Acq On : 15 Jun 2015 15:11
Operator : TP/IZ
Sample : G2522-20DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16DL

Quant Time: Jun 16 02:04:38 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	19014	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	71266	20.00	ng		0.00
38) Acenaphthene-d10	14.21	164	50600	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	144090	20.00	ng		0.00
75) Chrysene-d12	21.16	240	204625	20.00	ng		0.00
86) Perylene-d12	23.35	264	202063	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	7406	7.54	ng		0.00
7) Phenol-d6	6.74	99	6458	4.49	ng		0.00
23) Nitrobenzene-d5	8.69	82	18311	10.79	ng		0.00
41) 2,4,6-Tribromophenol	15.71	330	15317	17.54	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	46792	12.79	ng		0.00
78) Terphenyl-d14	19.60	244	113917	11.61	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.39	128	2778835	722.38	ng	#	84
37) 2-Methylnaphthalene	12.00	142	153498	49.92	ng		91
45) 1,1'-Biphenyl	13.03	154	22623	6.10	ng		95
48) Acenaphthylene	13.92	152	104272	19.93	ng	#	94
70) Phenanthrene	17.00	178	37445	4.66	ng		98

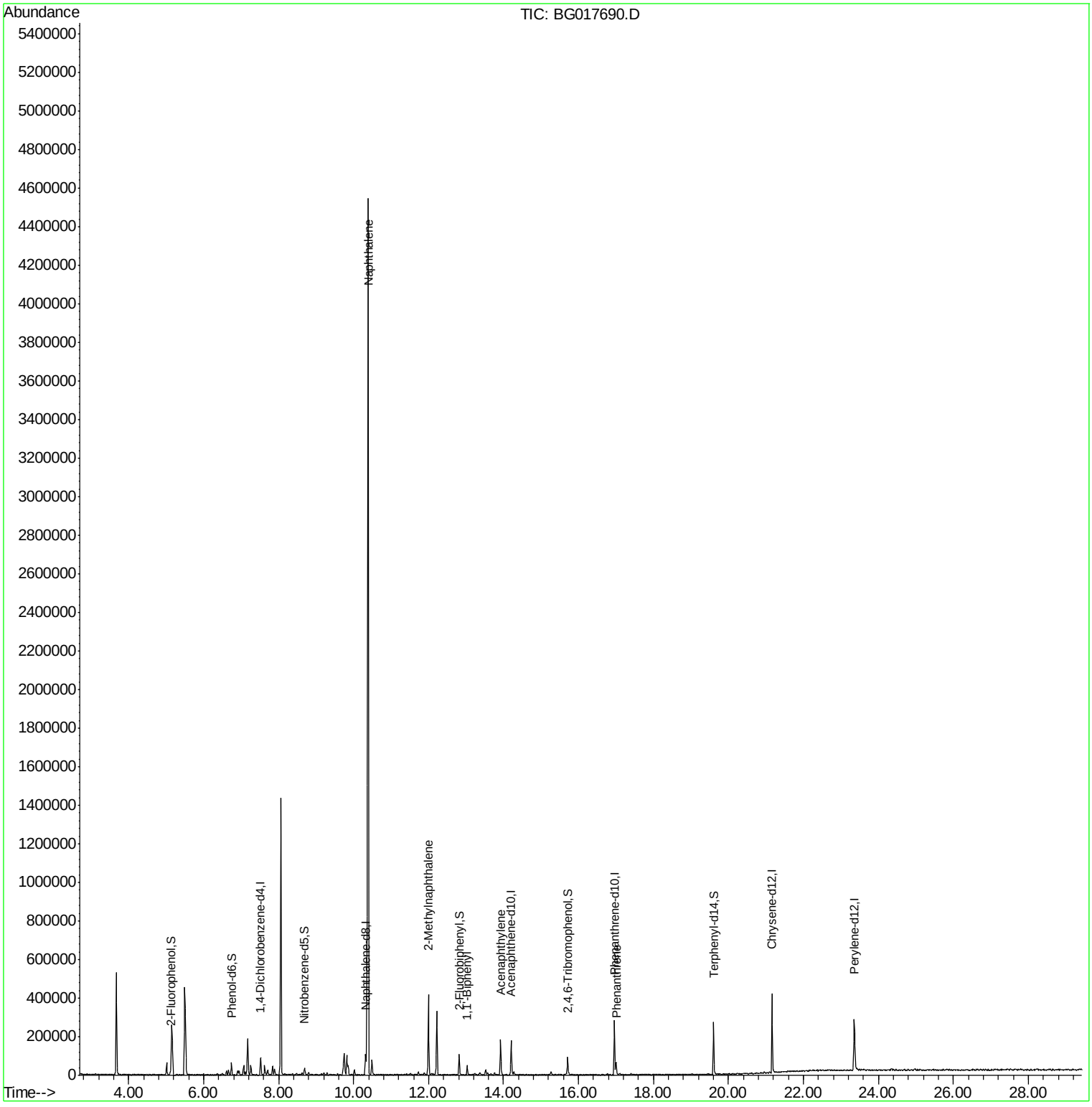
(#) = qualifier out of range (m) = manual integration (+) = signals summed

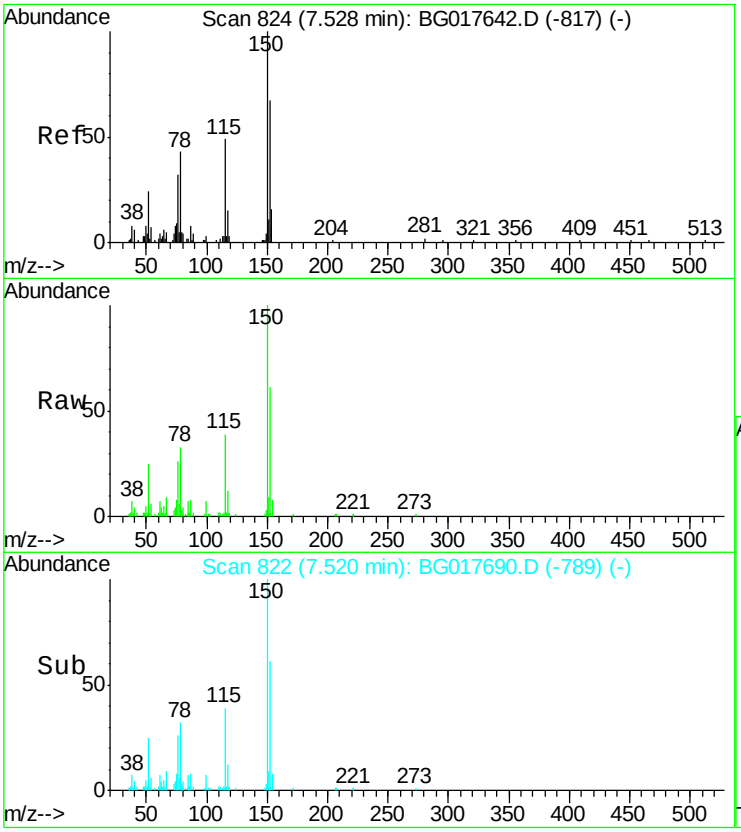
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
Data File : BG017690.D
Acq On : 15 Jun 2015 15:11
Operator : TP/IZ
Sample : G2522-20DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-16DL

Quant Time: Jun 16 02:04:38 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



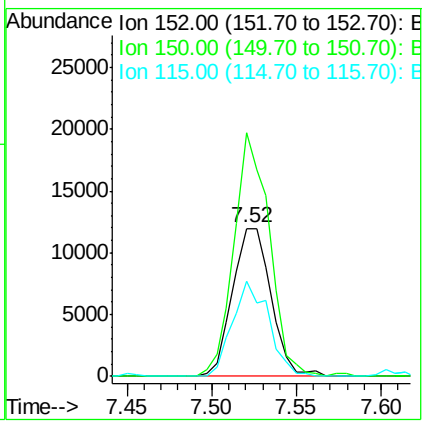


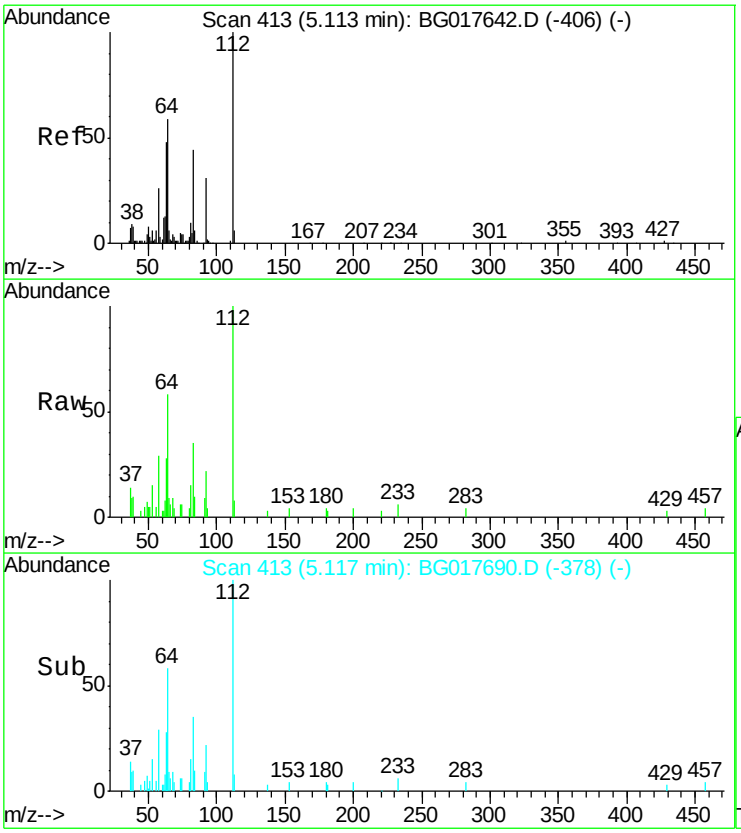
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Instrument :
BNA_G
ClientSampleId :
MW-16DL

Tgt Ion:152 Resp: 19014

Ion	Ratio	Lower	Upper
152	100		
150	158.5	119.4	179.0
115	61.8	58.2	87.2

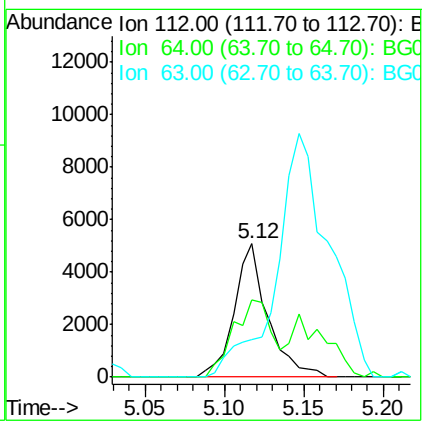


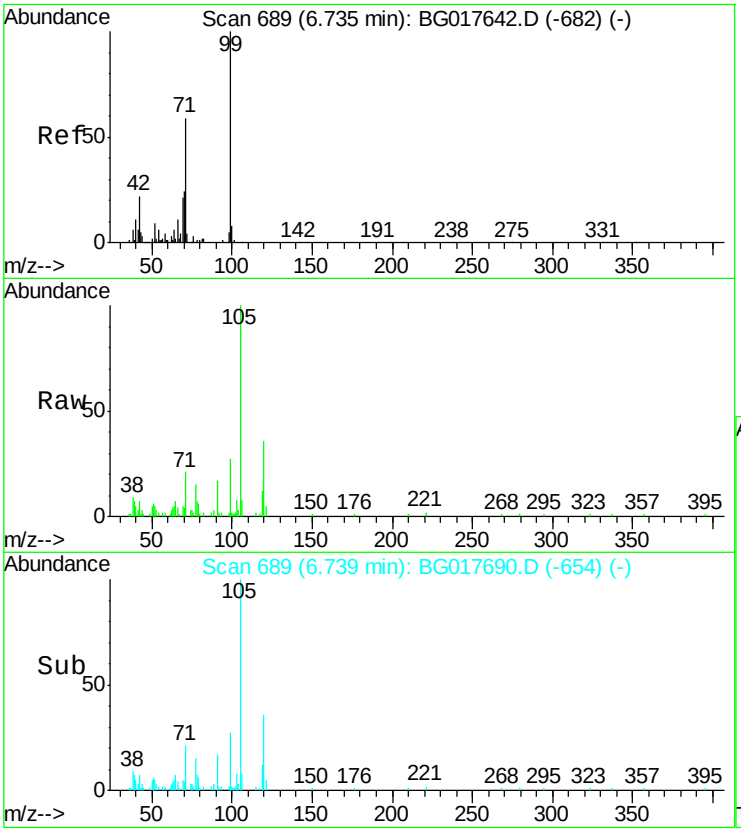


#5
2-Fluorophenol
Concen: 7.54 ng
RT: 5.12 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Tgt Ion:112 Resp: 7406

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.0	70.6
63	28.0	38.6	58.0#



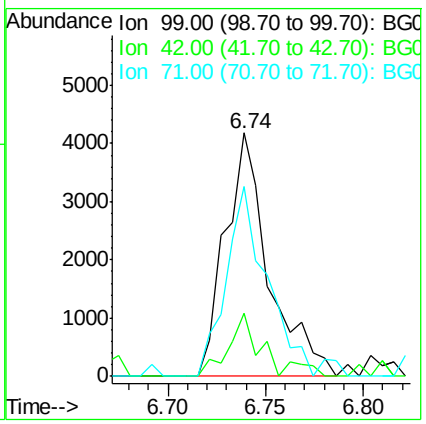


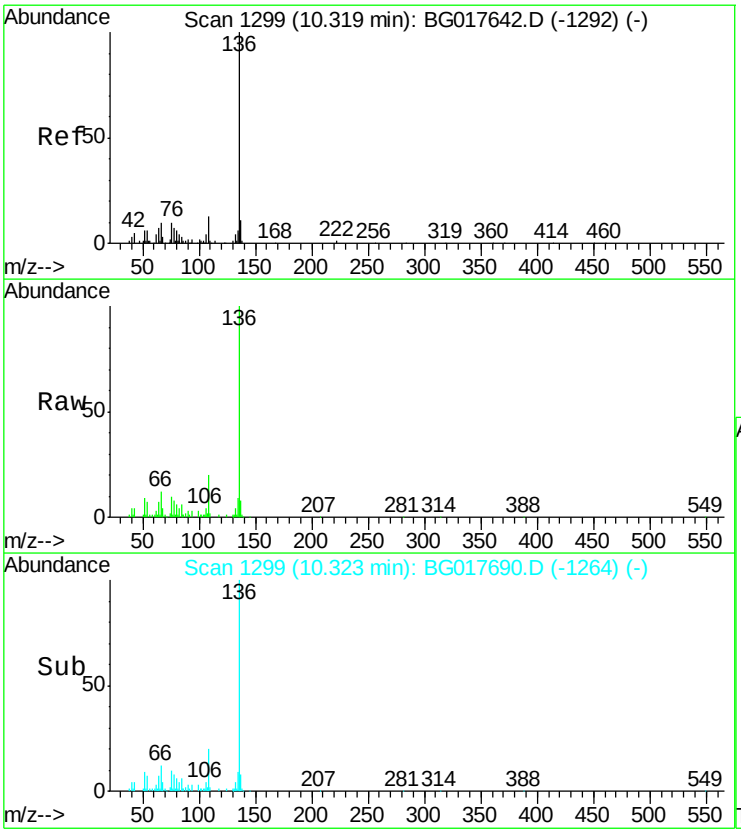
#7
Phenol-d6
Concen: 4.49 ng
RT: 6.74 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Instrument :
BNA_G
ClientSampleId :
MW-16DL

Tgt Ion: 99 Resp: 6458

Ion	Ratio	Lower	Upper
99	100		
42	25.7	17.4	26.2
71	78.0	47.4	71.0#

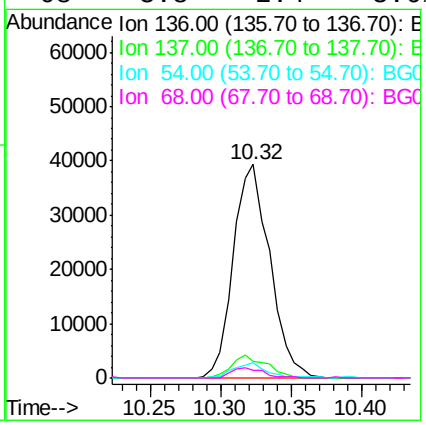


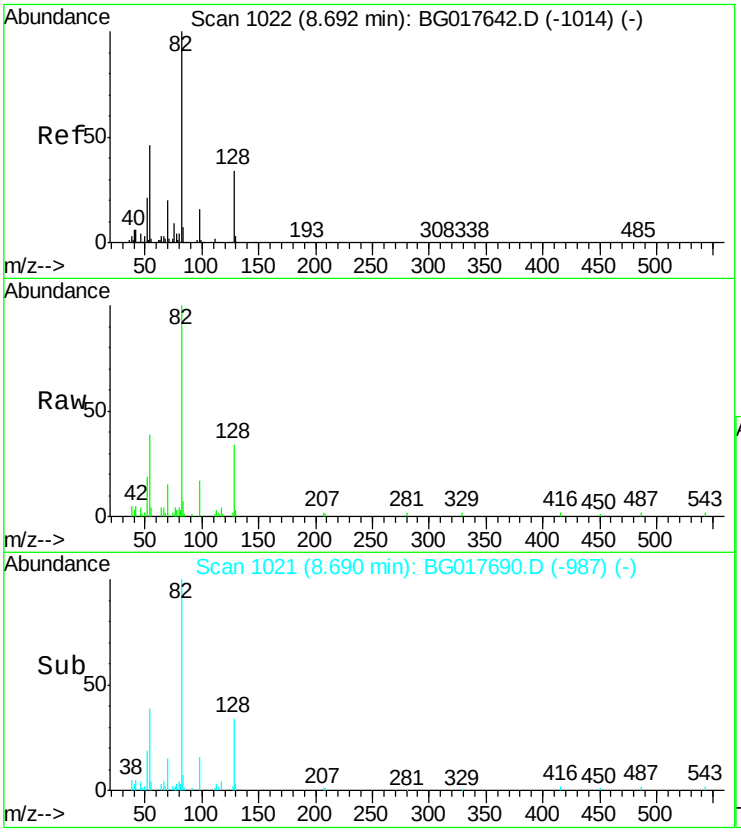


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Tgt Ion:136 Resp: 71266

Ion	Ratio	Lower	Upper
136	100		
137	7.9	8.7	13.1#
54	6.9	4.7	7.1
68	3.8	2.4	3.6#



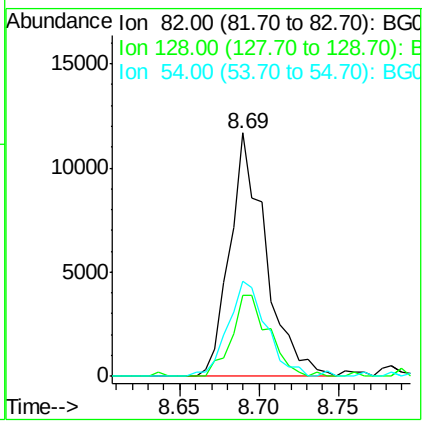


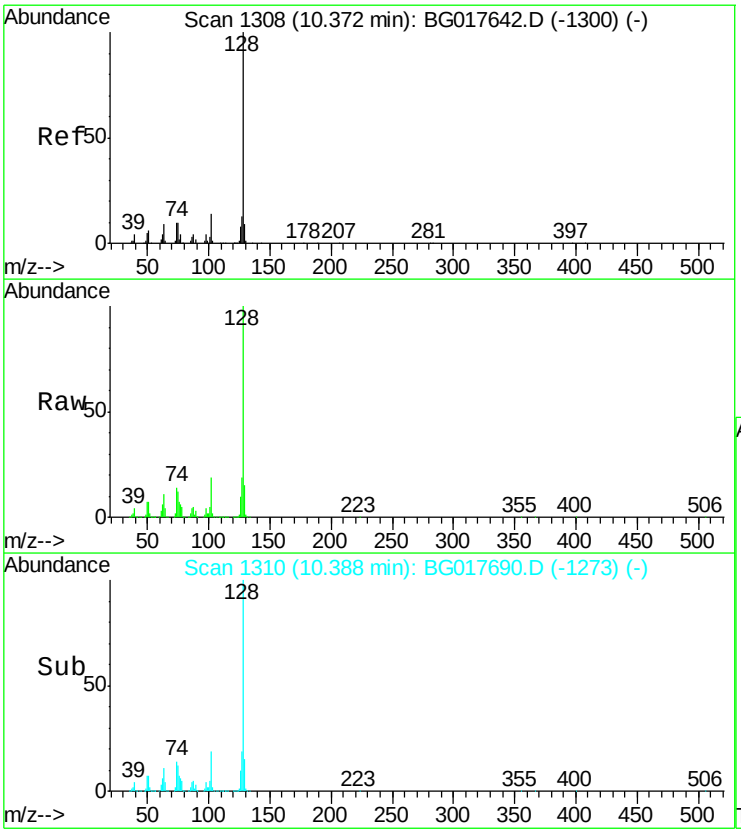
#23
Nitrobenzene-d5
Concen: 10.79 ng
RT: 8.69 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Instrument :
BNA_G
ClientSampleId :
MW-16DL

Tgt Ion: 82 Resp: 18311

Ion	Ratio	Lower	Upper
82	100		
128	33.5	27.3	40.9
54	39.2	37.0	55.4

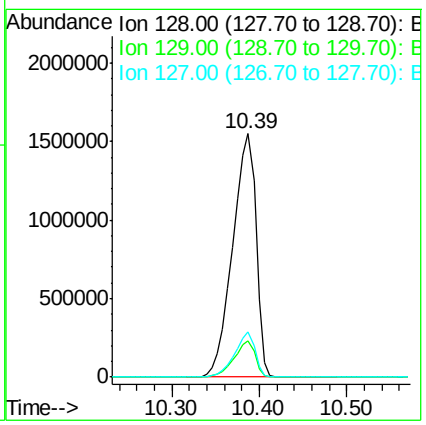


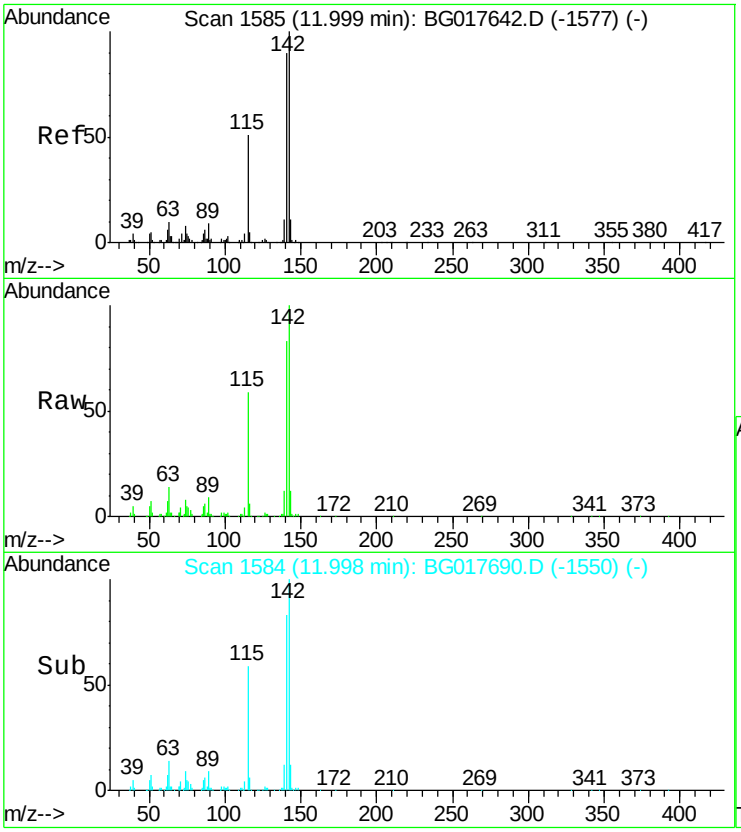


#31
Naphthalene
Concen: 722.38 ng
RT: 10.39 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Tgt Ion:128 Resp: 2778835

Ion	Ratio	Lower	Upper
128	100		
129	14.8	7.0	10.4#
127	18.6	10.2	15.2#



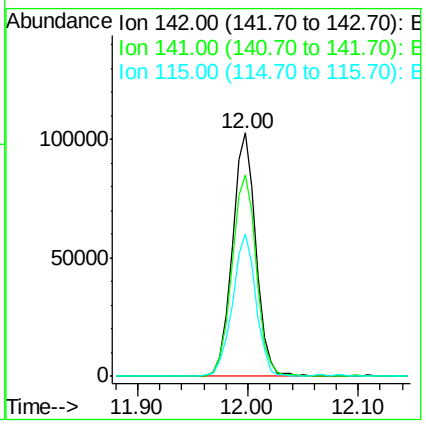


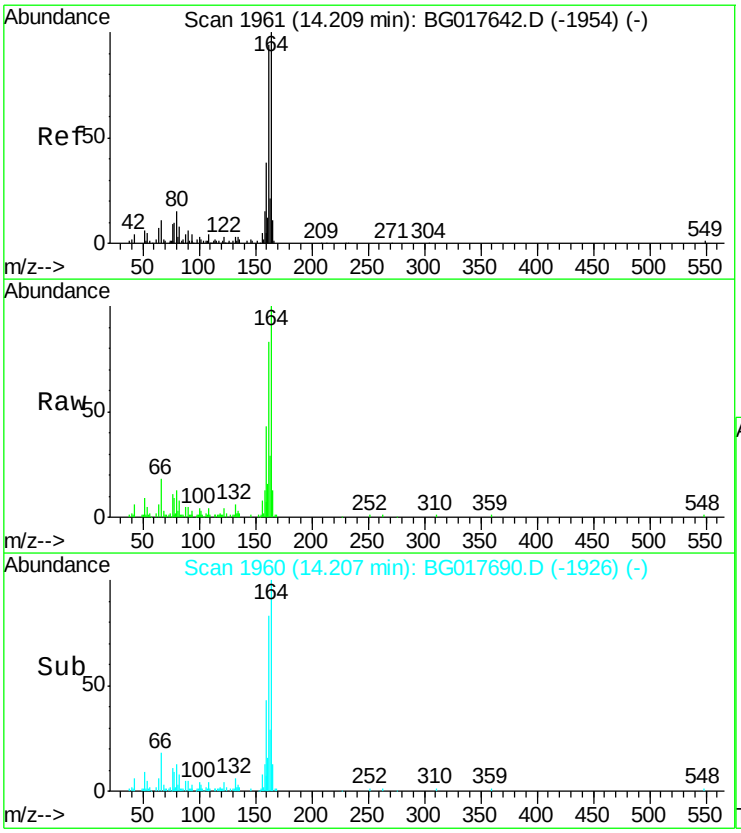
#37
2-Methylnaphthalene
Concen: 49.92 ng
RT: 12.00 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Instrument :
BNA_G
ClientSampleId :
MW-16DL

Tgt Ion:142 Resp: 153498

Ion	Ratio	Lower	Upper
142	100		
141	82.6	71.8	107.8
115	58.8	41.0	61.4

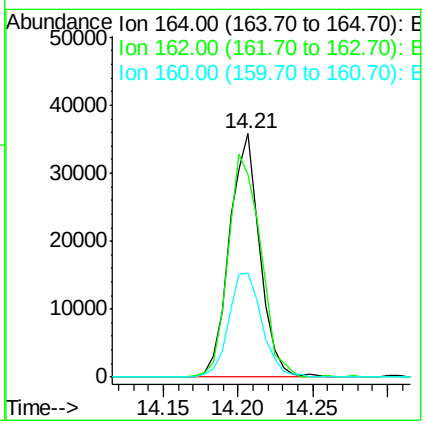


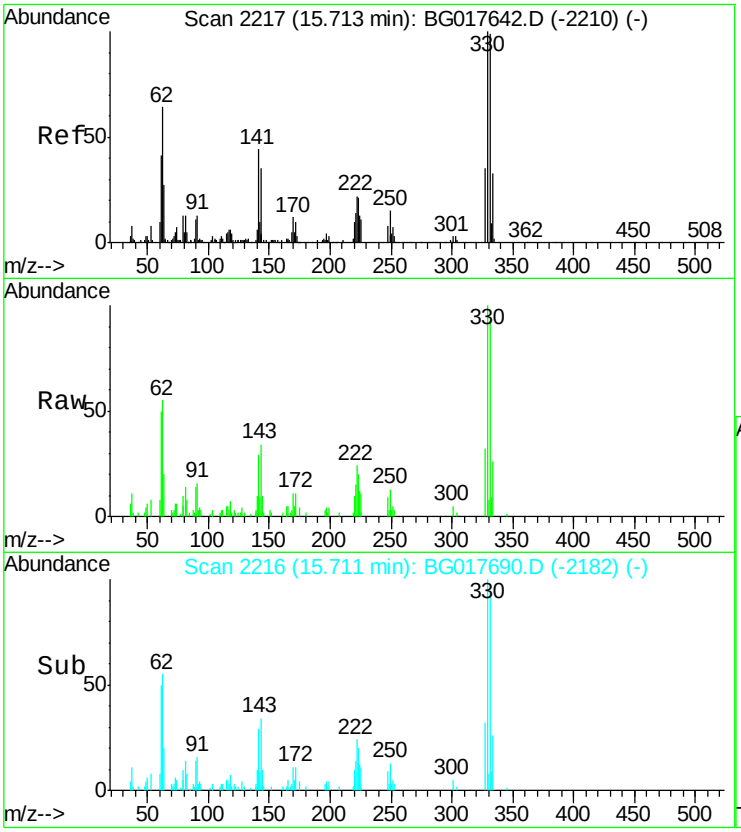


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Tgt Ion:164 Resp: 50600

Ion	Ratio	Lower	Upper
164	100		
162	83.2	75.0	112.4
160	42.8	30.3	45.5



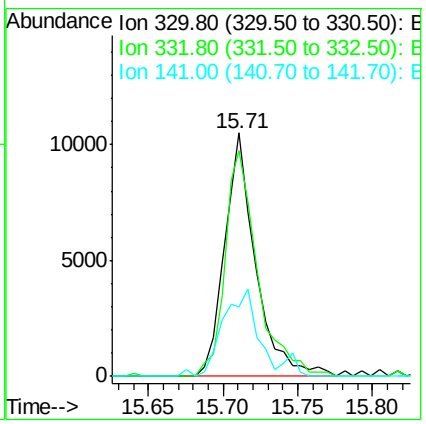


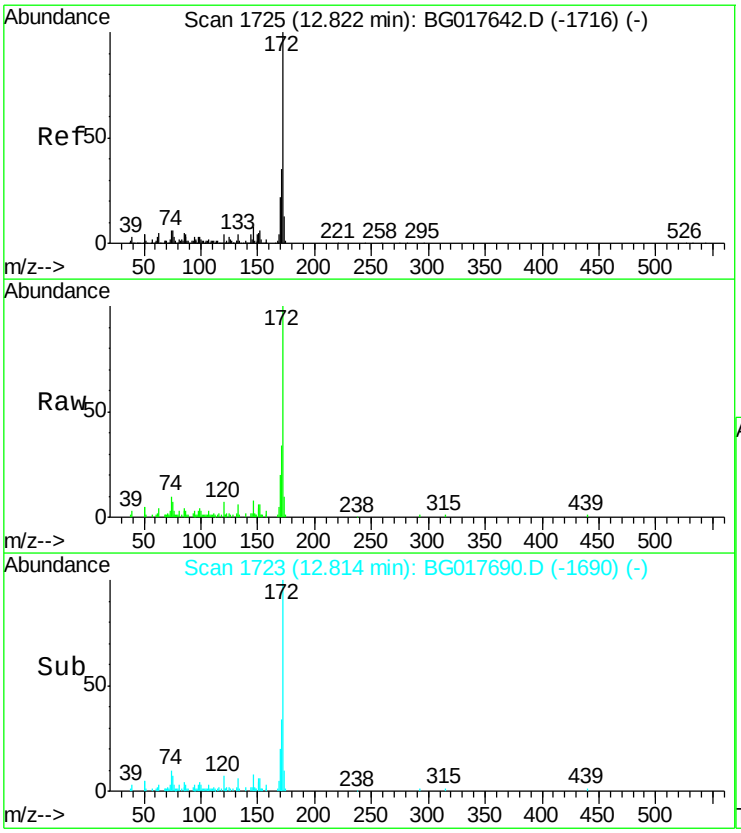
#41
2,4,6-Tribromophenol
Concen: 17.54 ng
RT: 15.71 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Instrument :
BNA_G
ClientSampleId :
MW-16DL

Tgt Ion:330 Resp: 15317

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	39.1	34.6	51.8

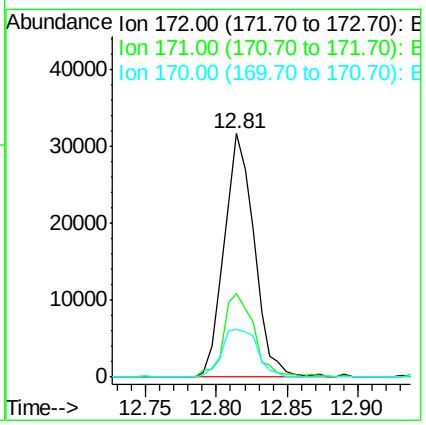


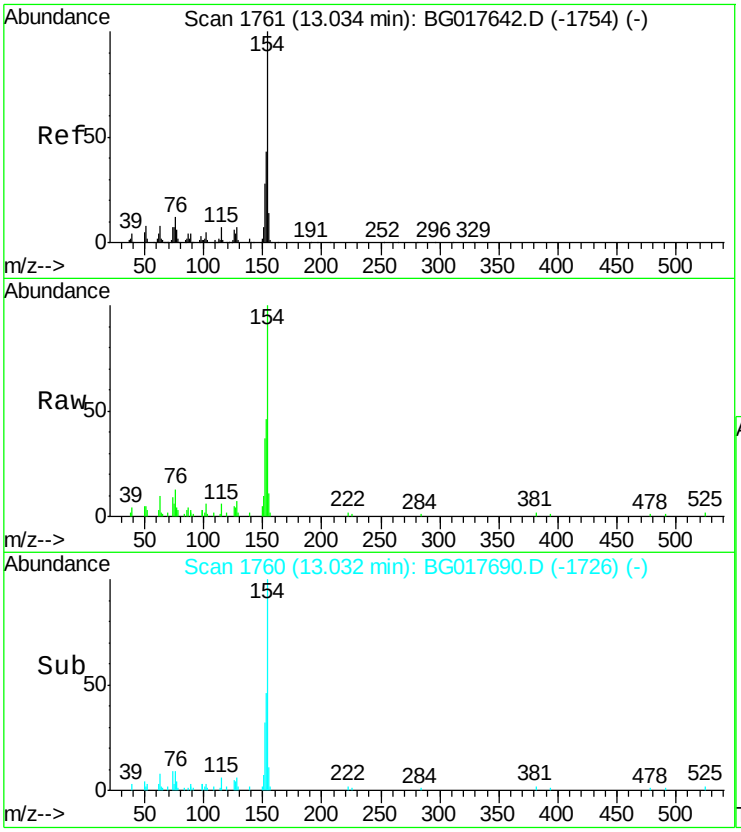


#44
2-Fluorobiphenyl
Concen: 12.79 ng
RT: 12.81 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Tgt Ion:172 Resp: 46792

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.2	42.2
170	19.8	17.4	26.2



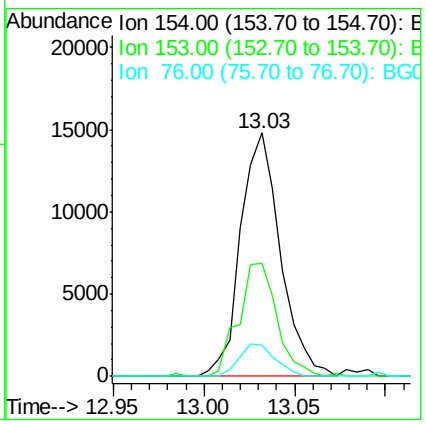


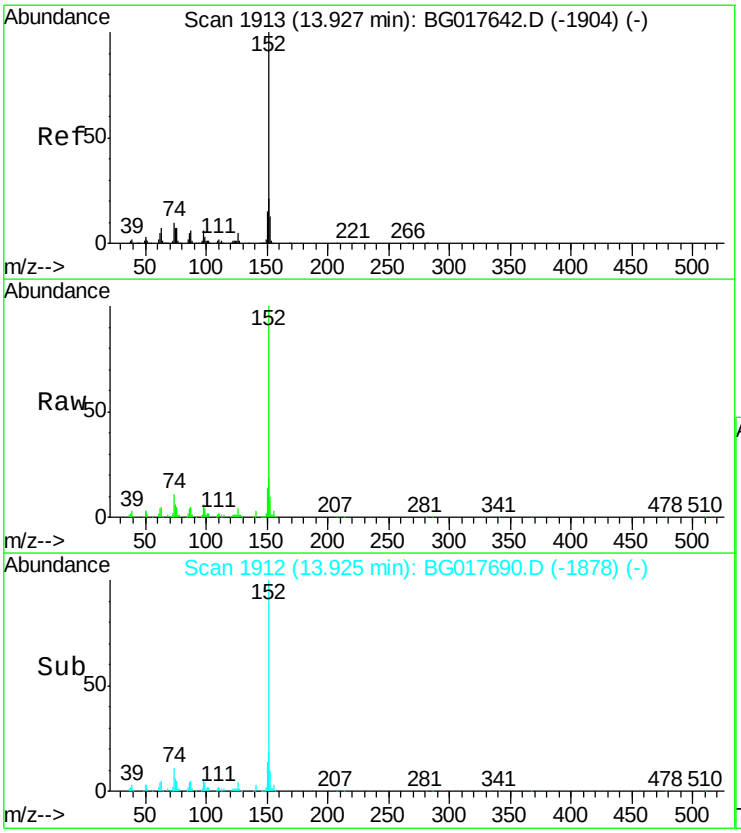
#45
1,1'-Biphenyl
Concen: 6.10 ng
RT: 13.03 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Instrument :
BNA_G
ClientSampleId :
MW-16DL

Tgt Ion:154 Resp: 22623

Ion	Ratio	Lower	Upper
154	100		
153	46.3	22.9	62.9
76	12.5	0.0	31.8

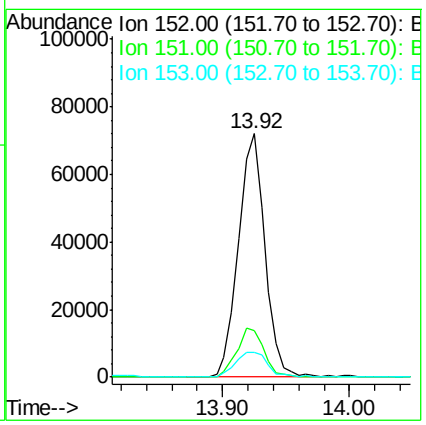


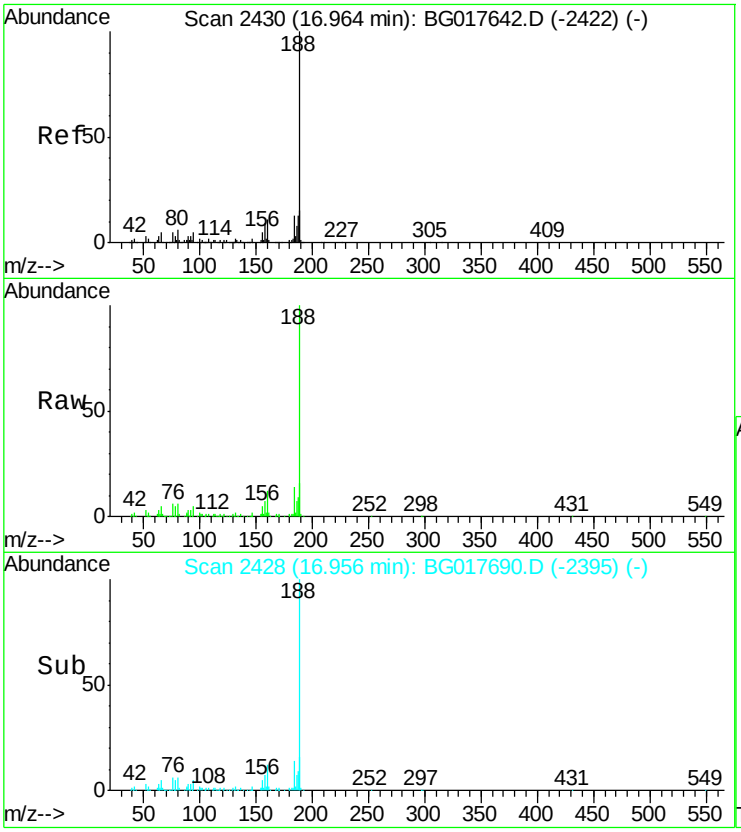


#48
Acenaphthylene
Concen: 19.93 ng
RT: 13.92 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Tgt Ion:152 Resp: 104272

Ion	Ratio	Lower	Upper
152	100		
151	19.0	17.0	25.4
153	10.2	10.5	15.7#



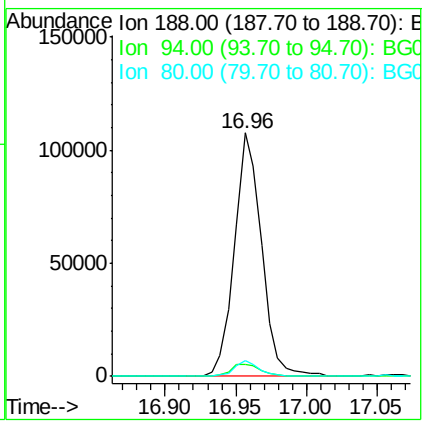


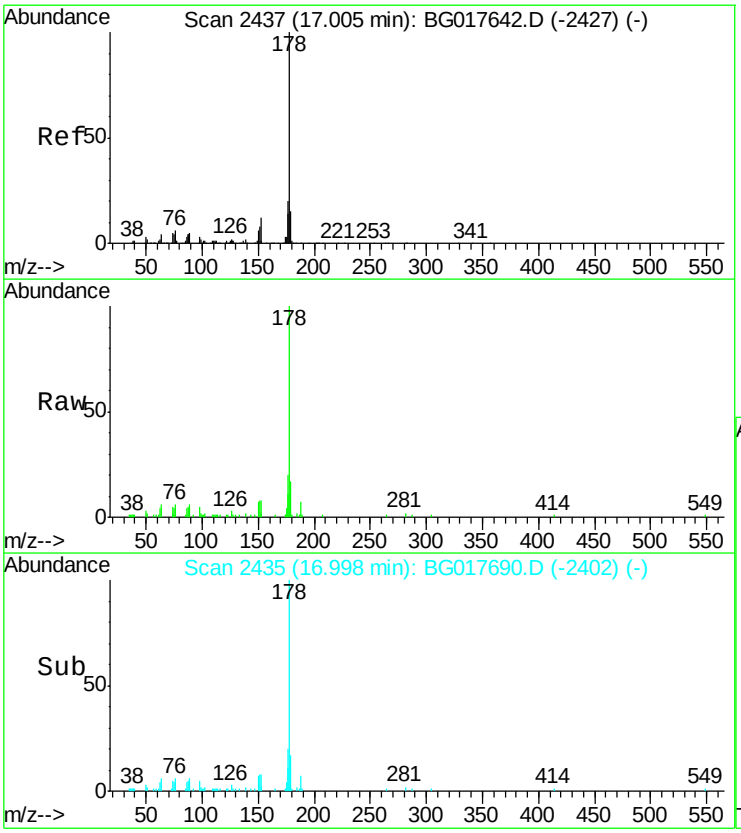
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Instrument :
BNA_G
ClientSampleId :
MW-16DL

Tgt Ion:188 Resp: 144090

Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.9	5.9
80	6.4	5.0	7.6

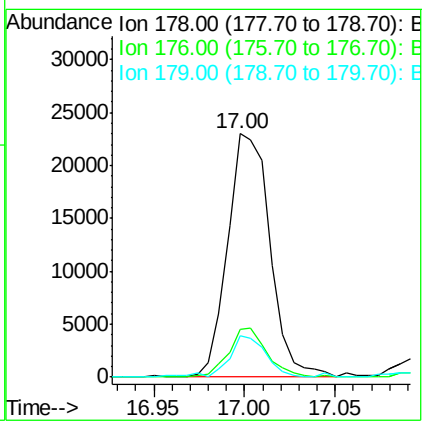


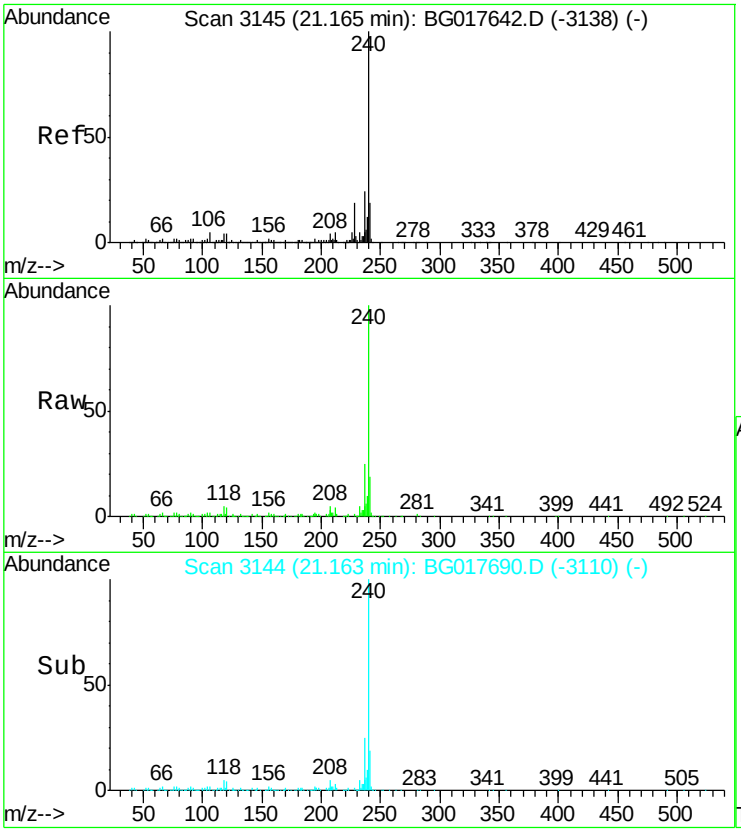


#70
Phenanthrene
Concen: 4.66 ng
RT: 17.00 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Tgt Ion:178 Resp: 37445

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	17.2	12.3	18.5



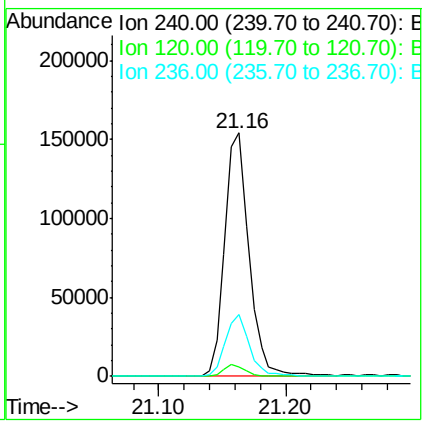


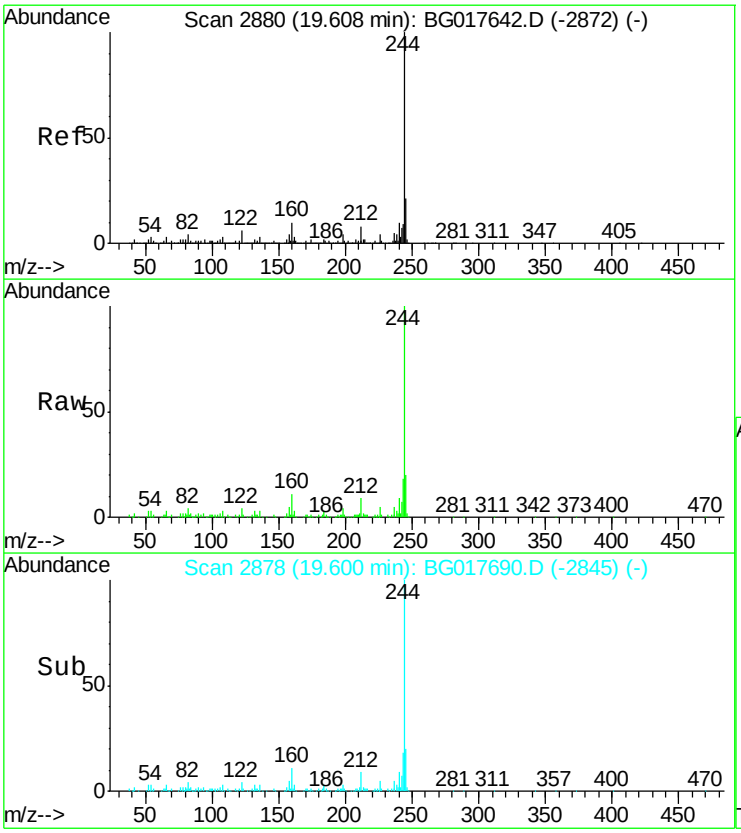
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Instrument :
BNA_G
ClientSampleId :
MW-16DL

Tgt Ion:240 Resp: 204625

Ion	Ratio	Lower	Upper
240	100		
120	3.8	3.5	5.3
236	25.3	19.5	29.3

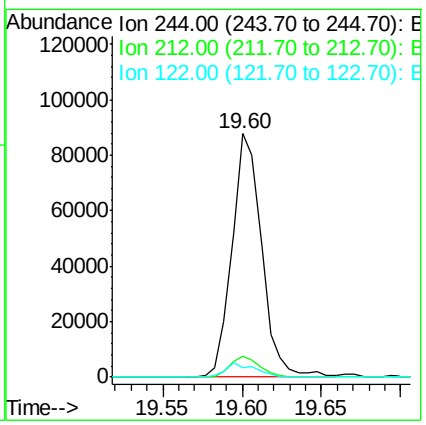


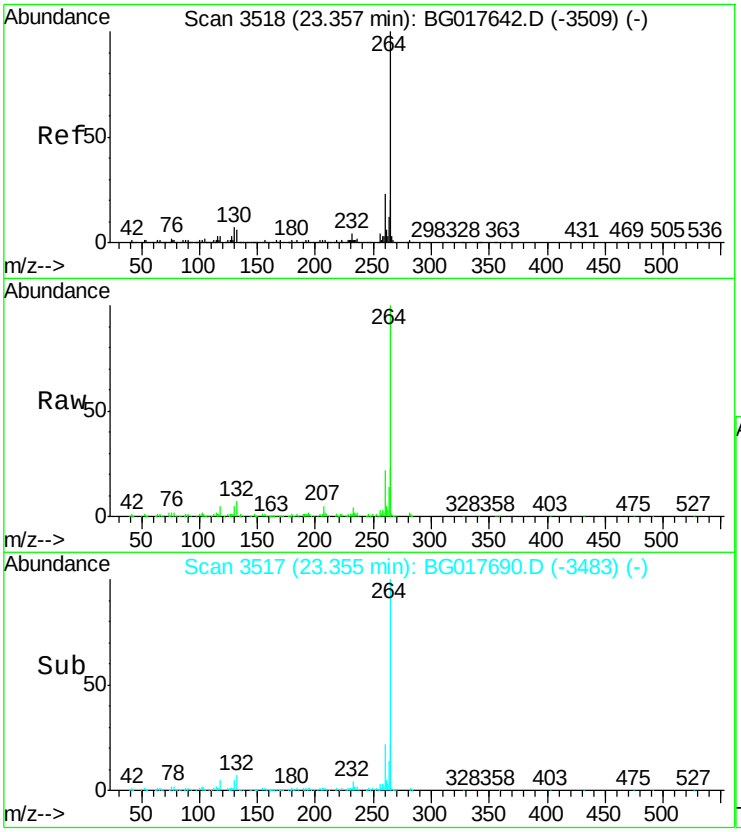


#78
Terphenyl-d14
Concen: 11.61 ng
RT: 19.60 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Tgt Ion:244 Resp: 113917

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.3	9.5
122	4.1	4.6	6.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG017690.D
Acq: 15 Jun 2015 15:11

Instrument :
BNA_G
ClientSampleId :
MW-16DL

Tgt Ion:264 Resp: 202063

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	22.6	16.2	24.2