Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091318\
Data File : BG036699.D
Acq On : 14 Sep 2018 1:50
Operator : JU/SJ
Sample : PB112803BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112803BL

Quant Time: Sep 14 05:16:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63670	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	266754	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	180747	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	448019	20.00	ng	0.00
75) Chrysene-d12	21.68	240	461769	20.00	ng	-0.02
86) Perylene-d12	24.89	264	390566	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	369150	91.97	ng	0.00
7) Phenol-d6	7.21	99	526471	91.61	ng	0.00
23) Nitrobenzene-d5	9.21	82	475490	96.71	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	200534	92.98	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1131571	89.39	ng	0.00
78) Terphenyl-d14	20.03	244	1842866	93.28	ng	0.00
Target Compounds						Qvalue

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

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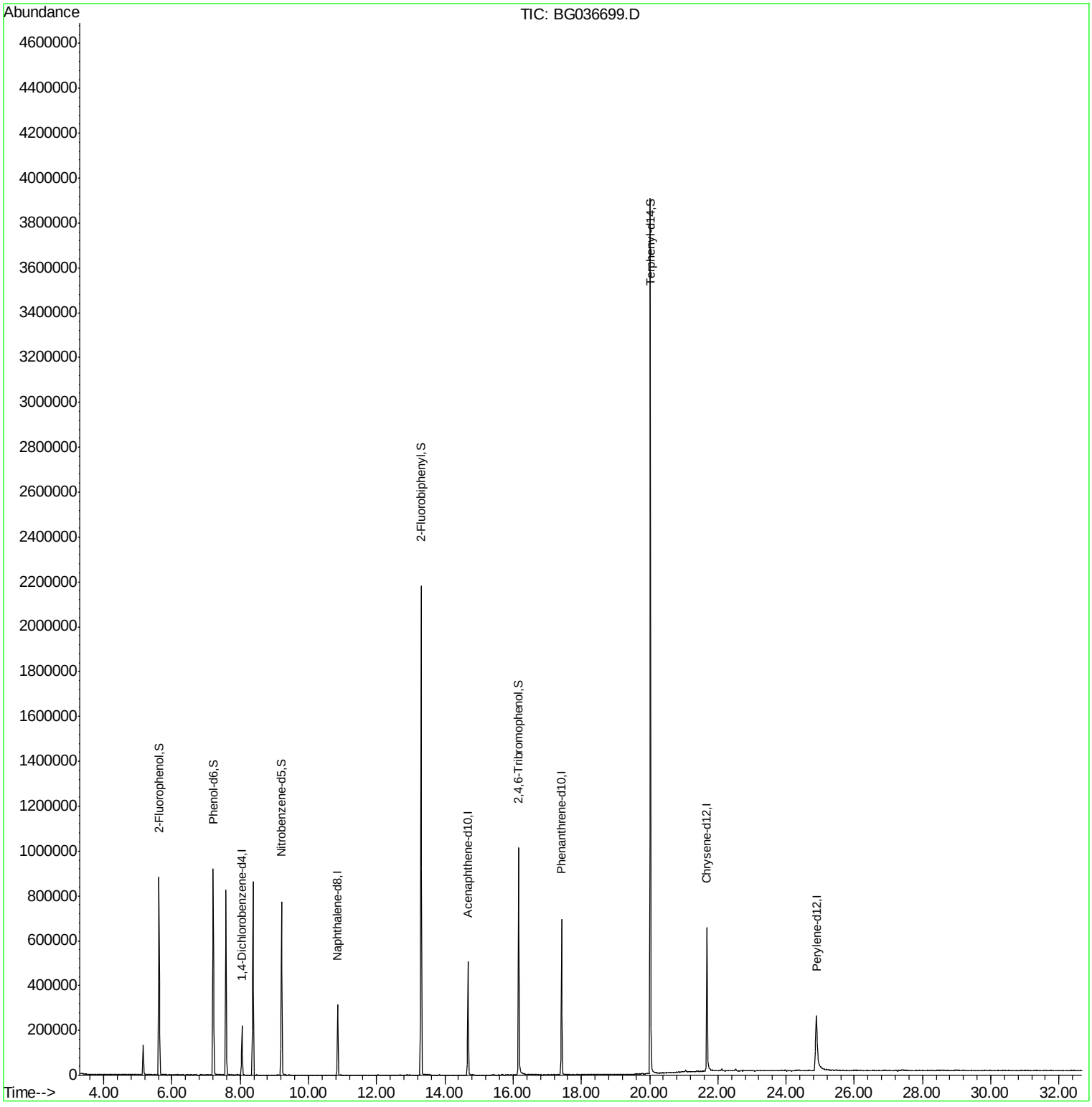
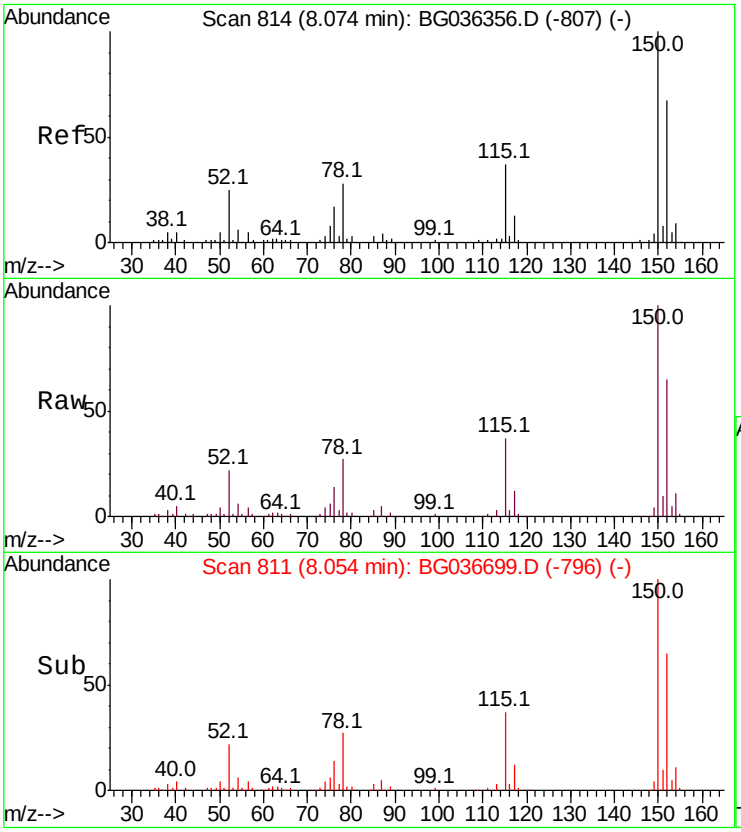


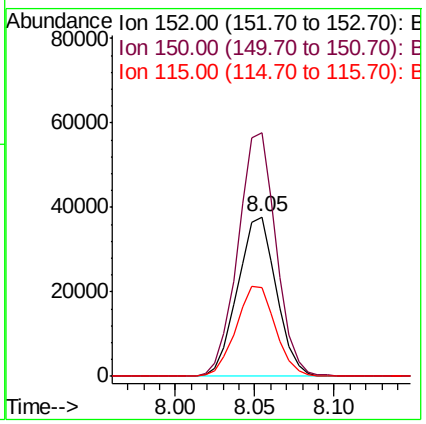


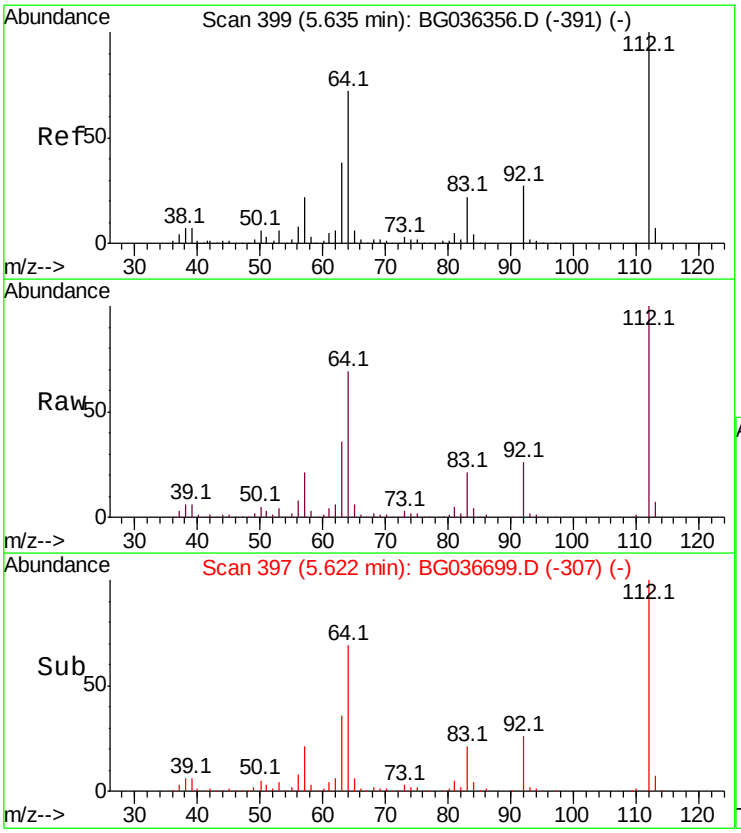
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036699.D
Acq: 14 Sep 2018 1:50

Instrument :
BNA_G
ClientSampleId :
PB112803BL

Tgt Ion:152 Resp: 63670

Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.5	179.3
115	55.9	44.5	66.7

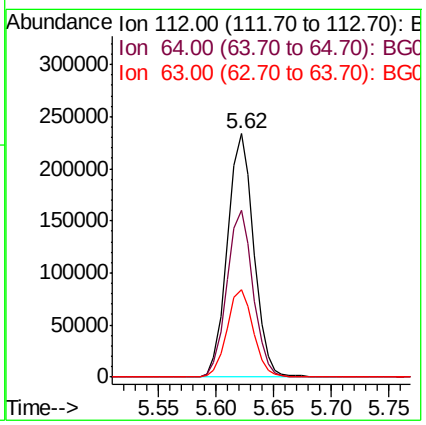


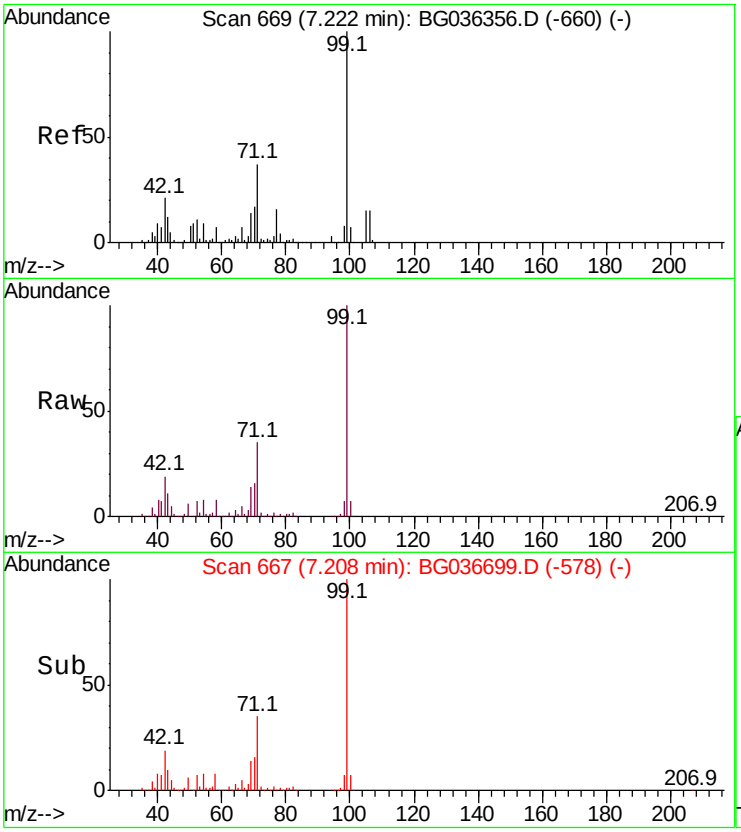


#5
2-Fluorophenol
Concen: 91.971 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036699.D
Acq: 14 Sep 2018 1:50

Tgt Ion:112 Resp: 369150

Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.2	85.8
63	35.8	30.8	46.2



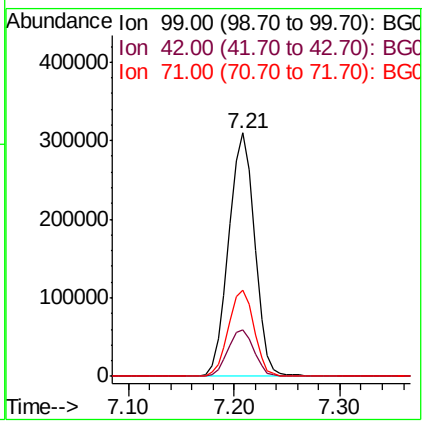


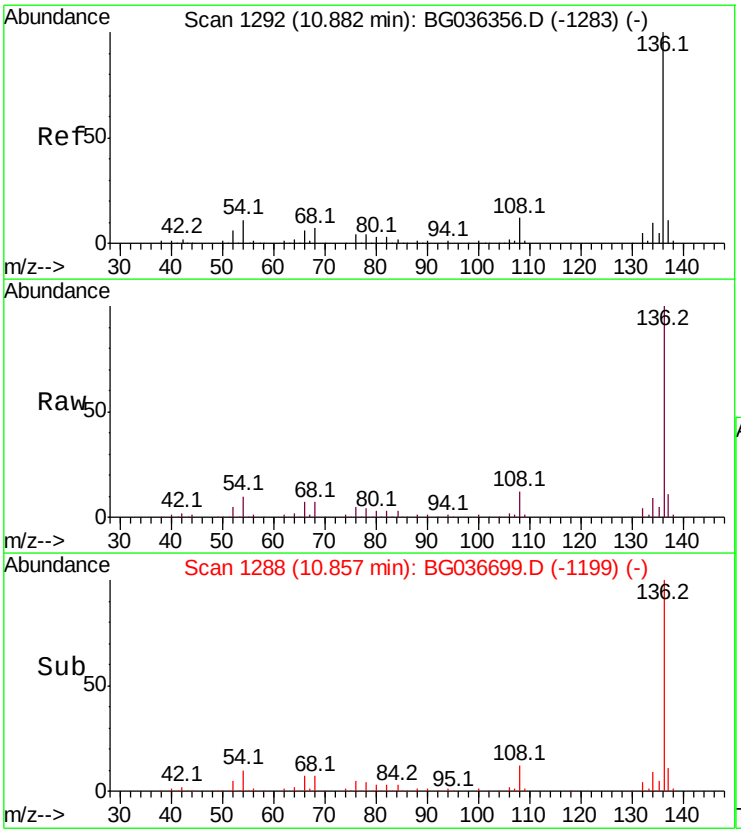
#7
Phenol-d6
Concen: 91.613 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036699.D
Acq: 14 Sep 2018 1:50

Instrument :
BNA_G
ClientSampleId :
PB112803BL

Tgt Ion: 99 Resp: 526471

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.5	24.7
71	35.3	29.4	44.2

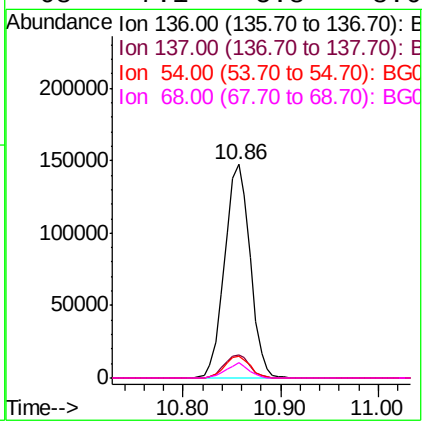


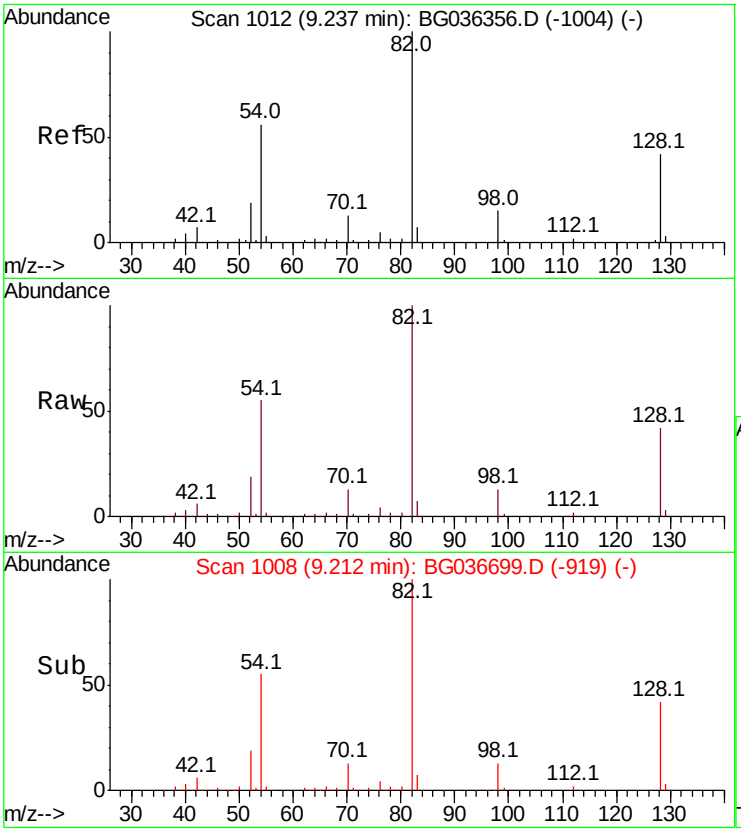


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036699.D
Acq: 14 Sep 2018 1:50

Tgt Ion:136 Resp: 266754

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.2	9.2	13.8
68	7.1	5.8	8.6



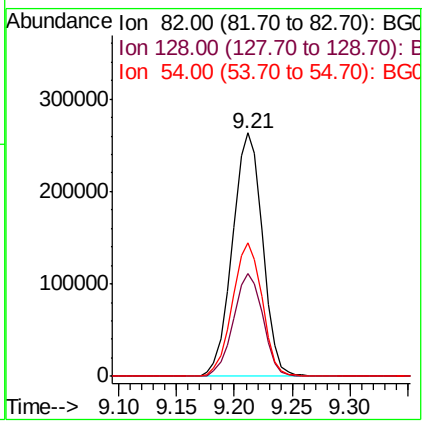


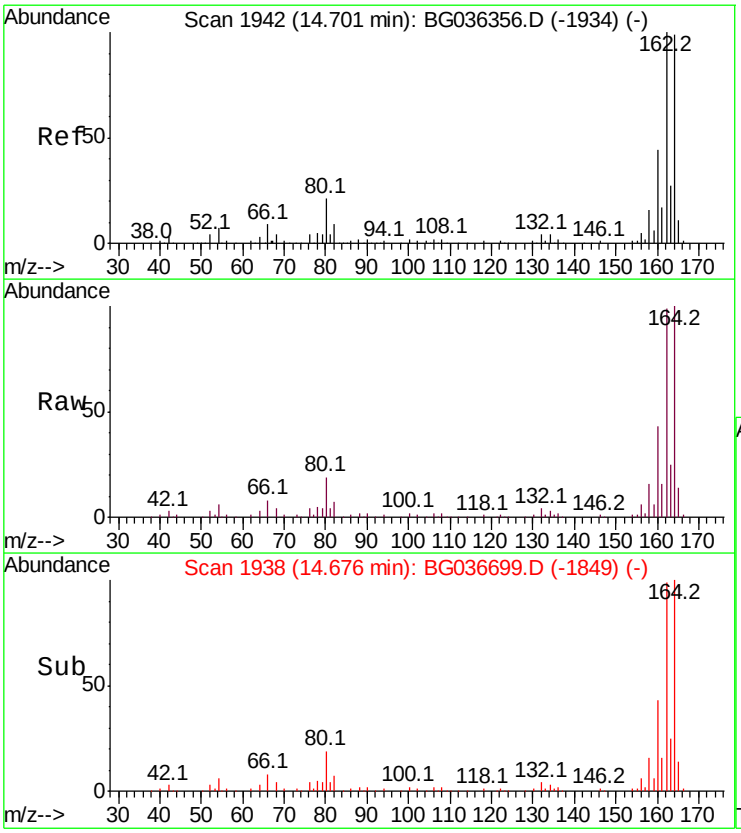
#23
Nitrobenzene-d5
Concen: 96.713 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036699.D
Acq: 14 Sep 2018 1:50

Instrument : BNA_G
ClientSampleId : PB112803BL

Tgt Ion: 82 Resp: 475490

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	54.9	45.1	67.7

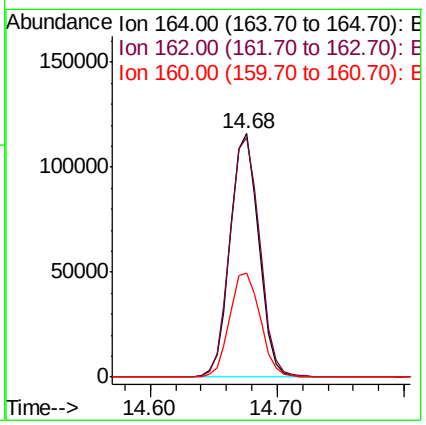


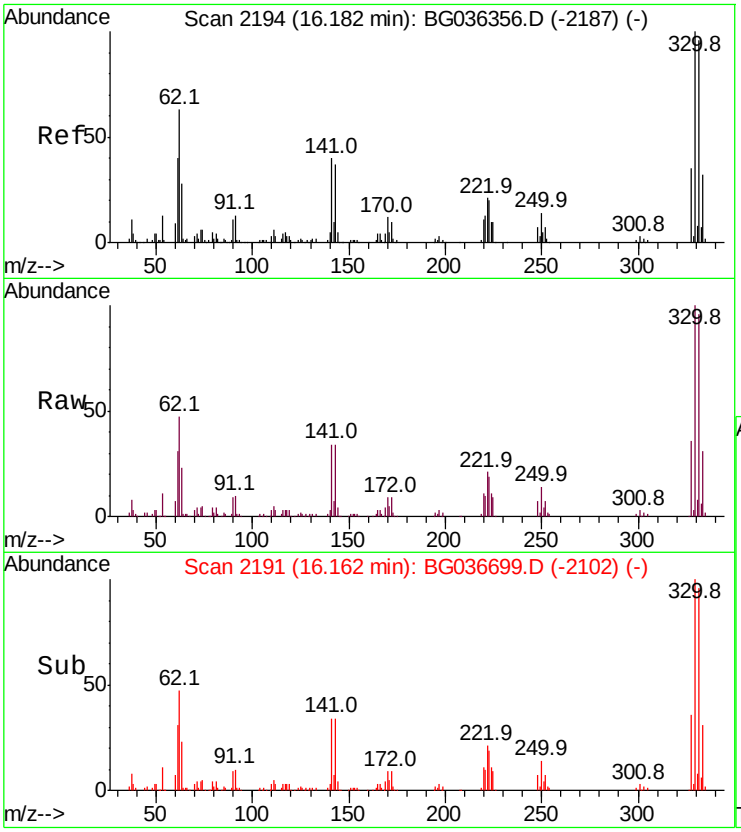


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036699.D
Acq: 14 Sep 2018 1:50

Tgt Ion:164 Resp: 180747

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.7	121.1
160	42.9	35.3	52.9



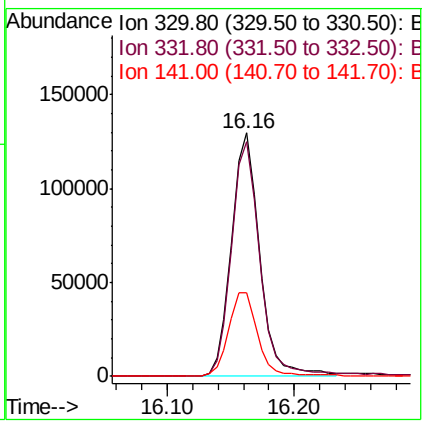


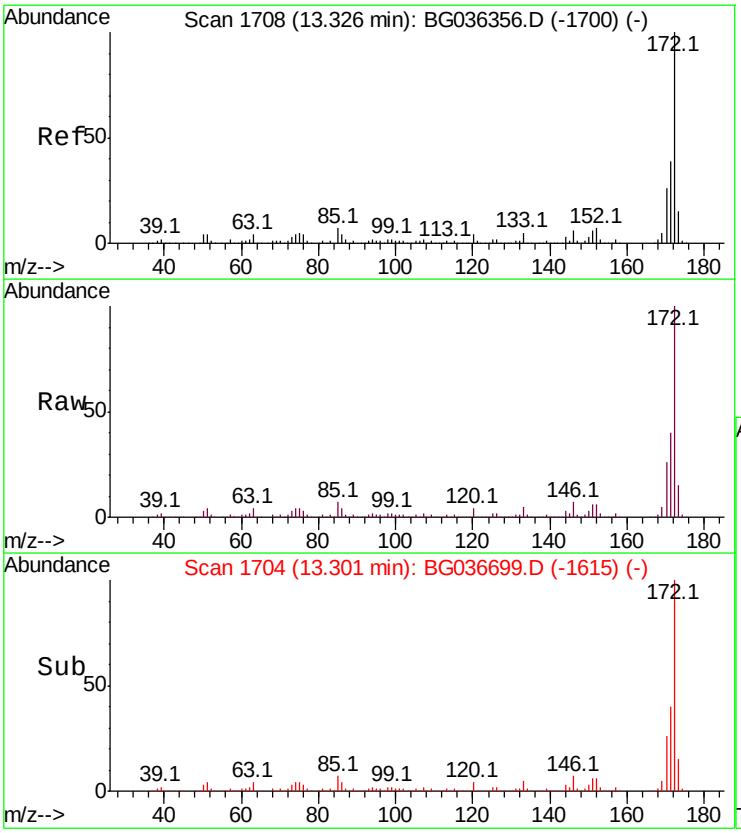
#41
2,4,6-Tribromophenol
Concen: 92.981 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036699.D
Acq: 14 Sep 2018 1:50

Instrument :
BNA_G
ClientSampleId :
PB112803BL

Tgt Ion:330 Resp: 200534

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.4	113.2
141	36.0	30.7	46.1

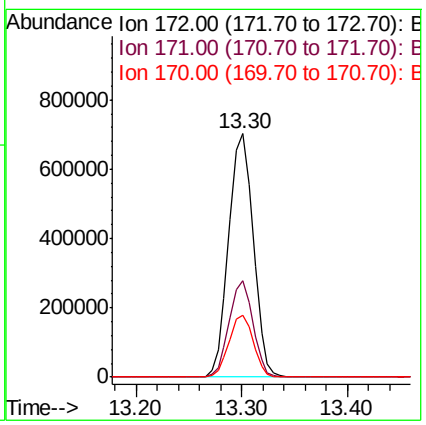


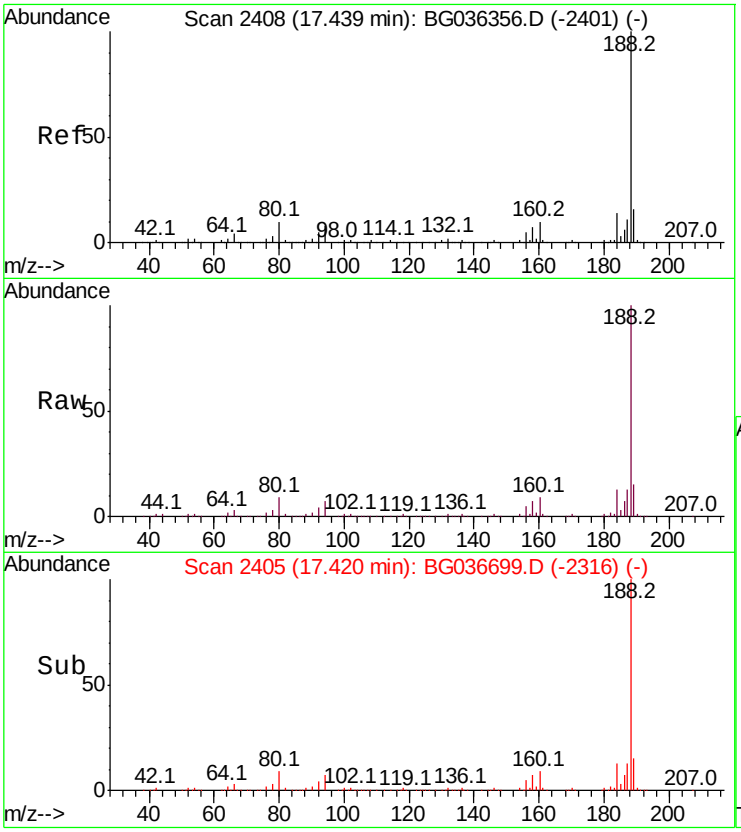


#44
2-Fluorobiphenyl
Concen: 89.389 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036699.D
Acq: 14 Sep 2018 1:50

Tgt Ion:172 Resp: 1131571

Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.3	46.9
170	25.6	21.0	31.6



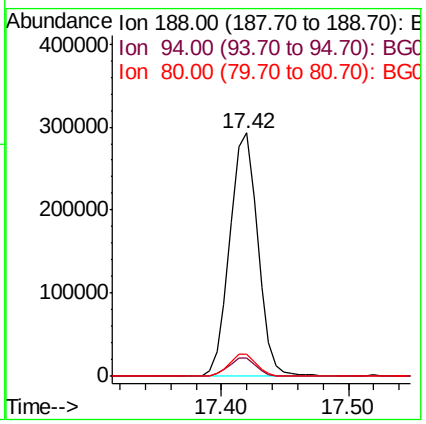


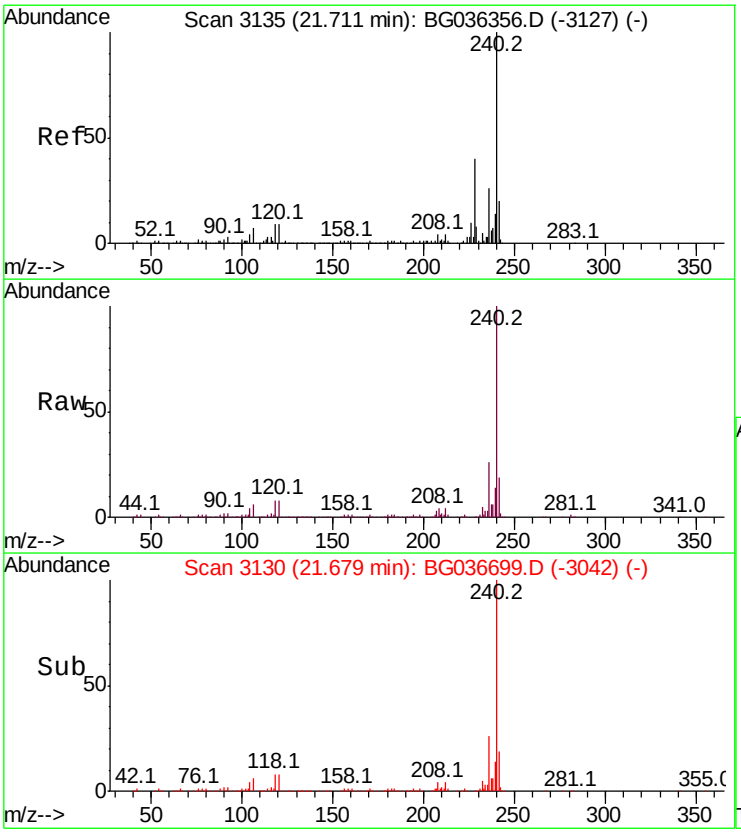
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036699.D
Acq: 14 Sep 2018 1:50

Instrument :
BNA_G
ClientSampleId :
PB112803BL

Tgt Ion:188 Resp: 448019

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	9.3	8.1	12.1

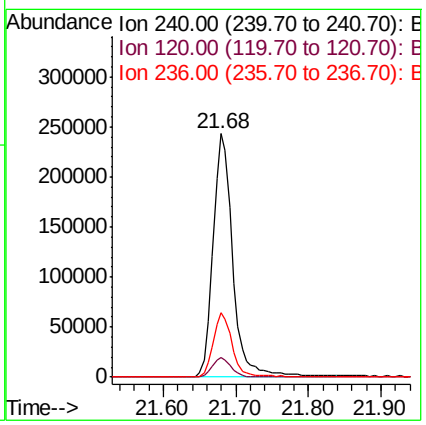


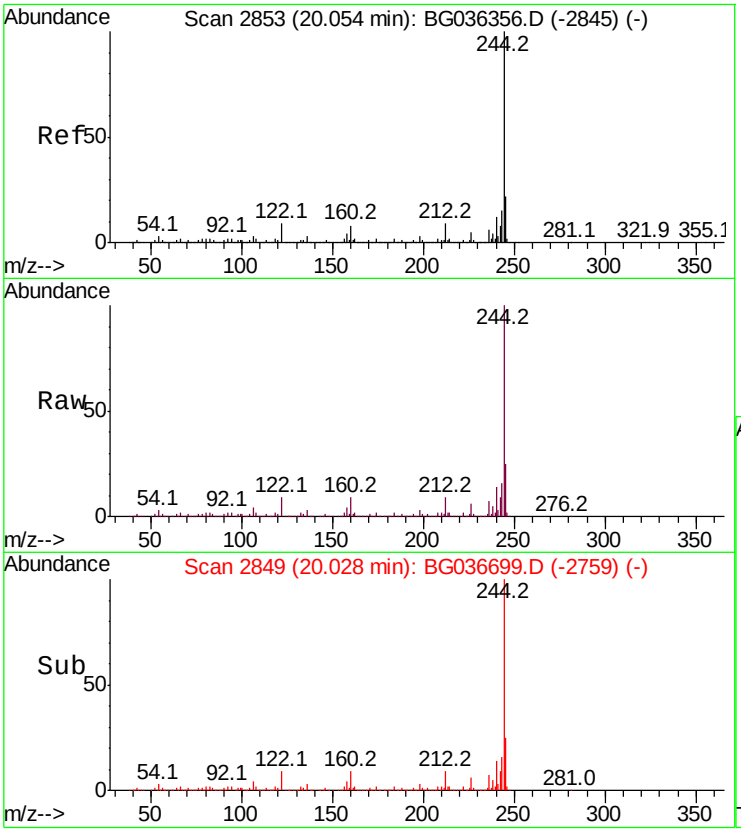


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036699.D
Acq: 14 Sep 2018 1:50

Tgt Ion:240 Resp: 461769

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	26.3	21.2	31.8



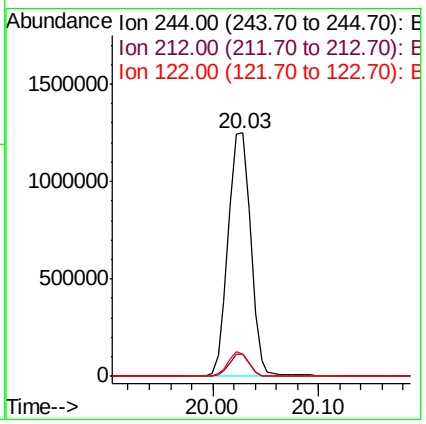


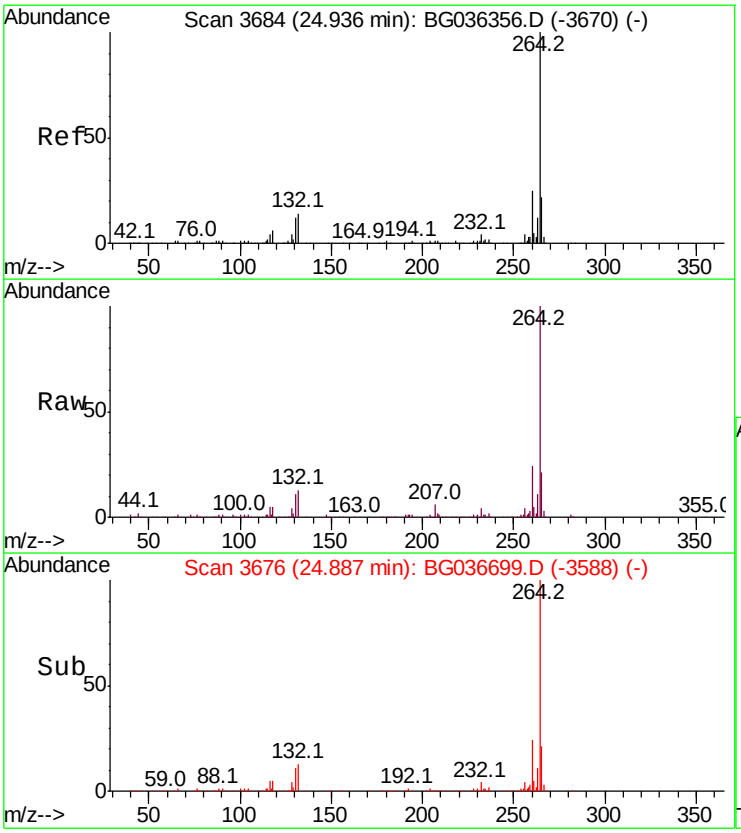
#78
Terphenyl-d14
Concen: 93.281 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG036699.D
Acq: 14 Sep 2018 1:50

Instrument :
BNA_G
ClientSampleId :
PB112803BL

Tgt Ion:244 Resp: 1842866

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	9.2	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036699.D
Acq: 14 Sep 2018 1:50

Tgt Ion:264 Resp: 390566

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.4	17.4	26.0