Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036765.D
Acq On : 17 Sep 2018 21:59
Operator : JU/SJ
Sample : PB112891TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112891TB

Quant Time: Sep 18 02:13:25 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	58122	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	234792	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	152309	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	407194	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	415453	20.00	ng	-0.01
86) Perylene-d12	24.89	264	403555	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	434663	118.63	ng	0.00
7) Phenol-d6	7.21	99	593580	113.15	ng	0.00
23) Nitrobenzene-d5	9.21	82	367771	84.99	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	224970	123.79	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	856217	80.27	ng	-0.01
78) Terphenyl-d14	20.02	244	1468305	82.61	ng	0.00
Target Compounds						Qvalue

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

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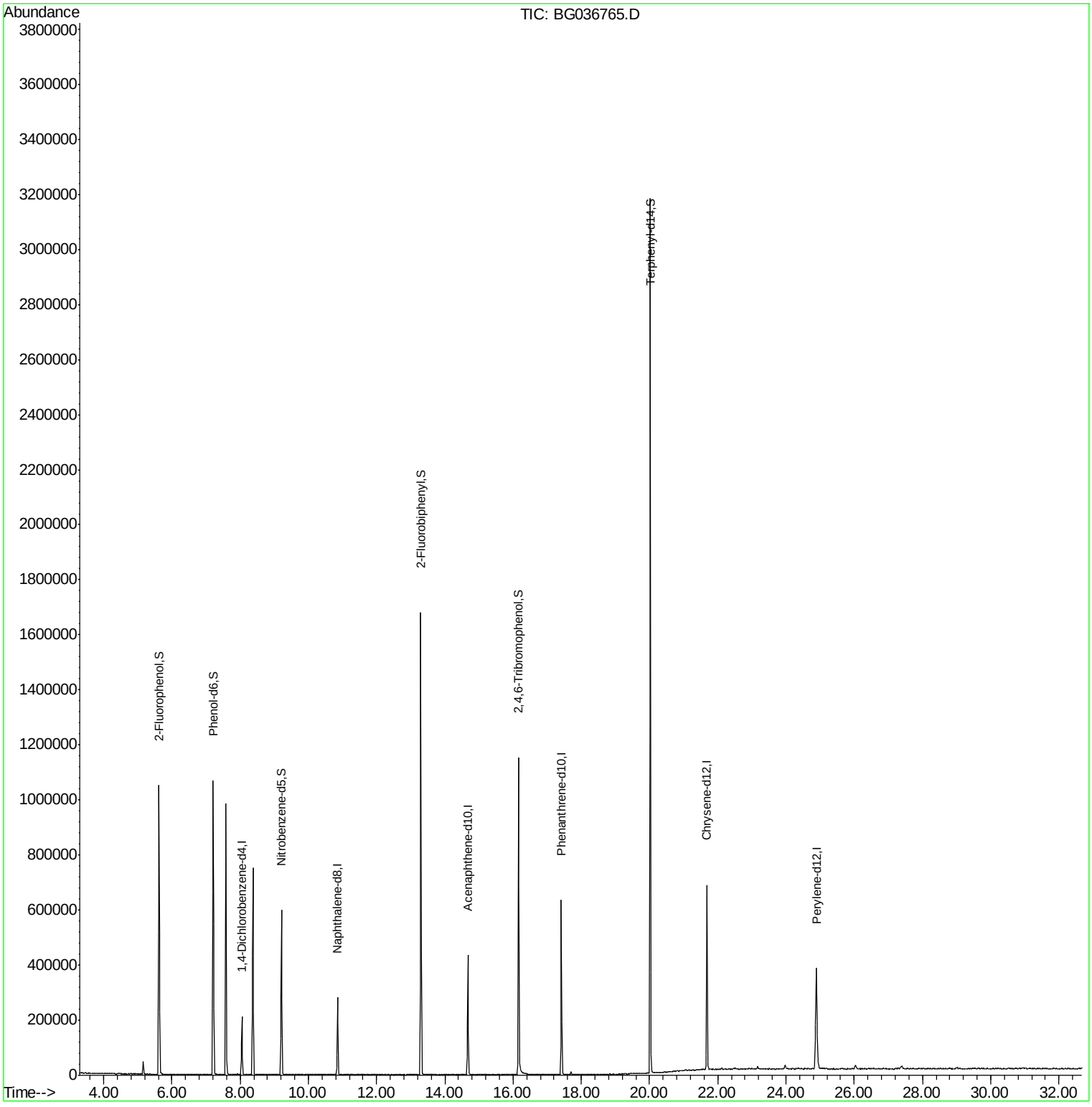
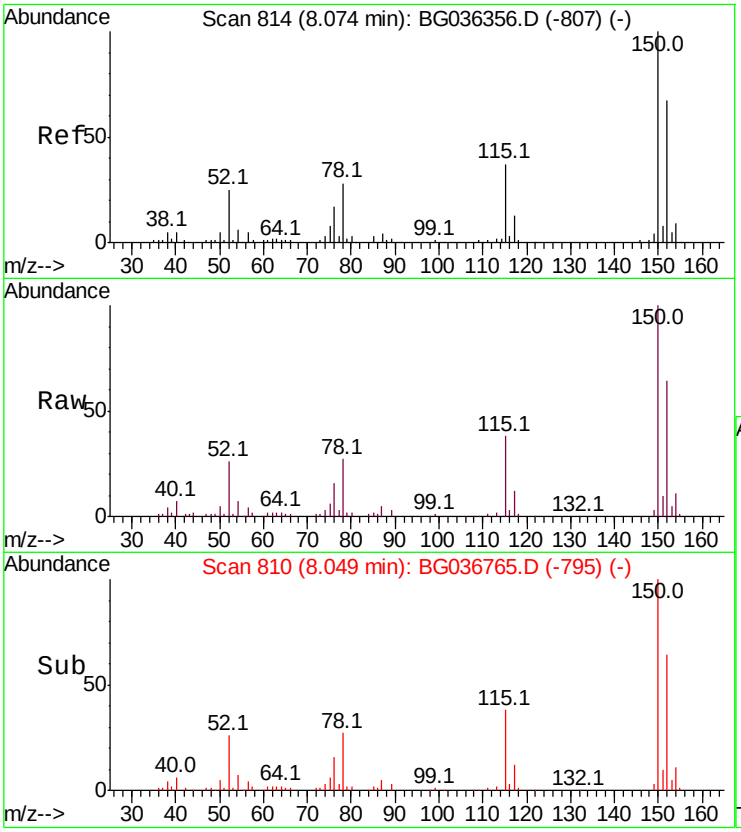


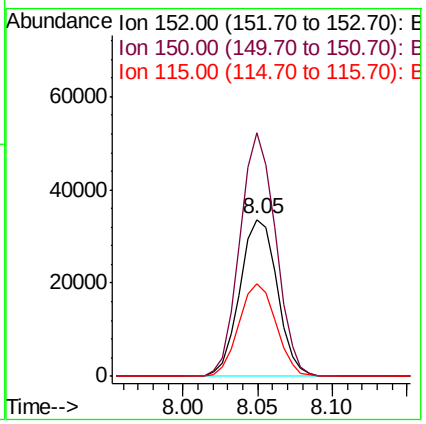


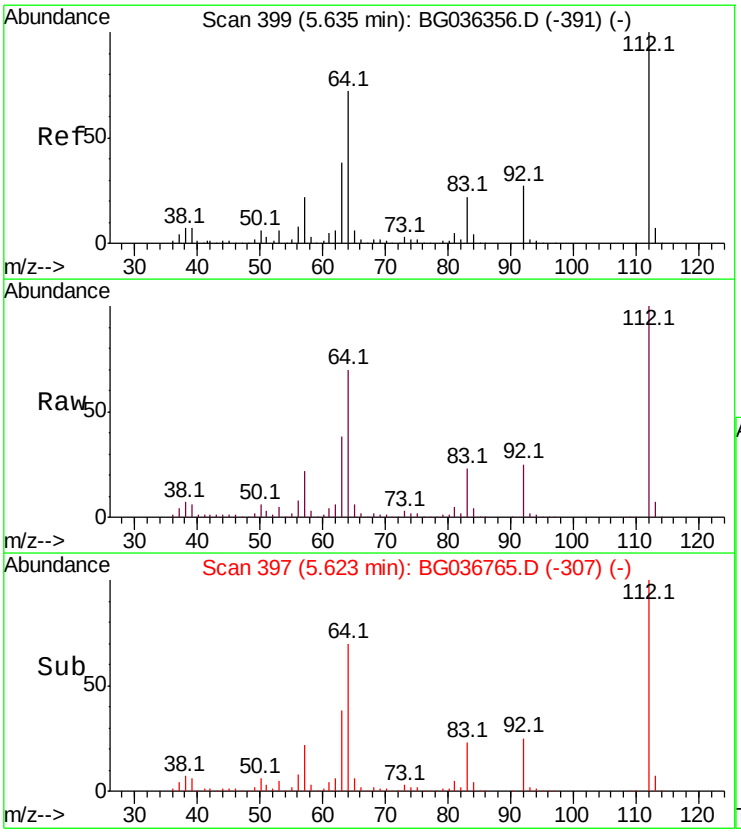
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Instrument :
BNA_G
ClientSampleId :
PB112891TB

Tgt Ion:152 Resp: 58122

Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.5	179.3
115	59.2	44.5	66.7

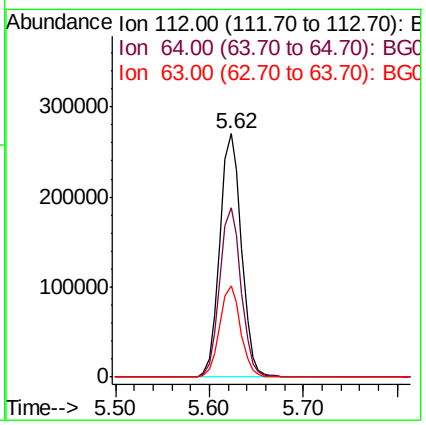


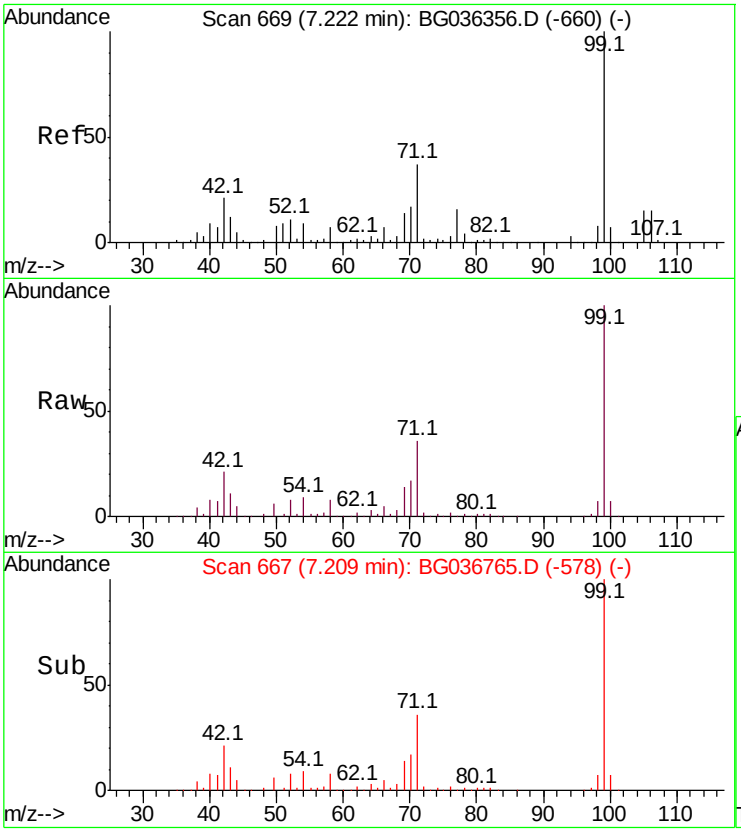


#5
2-Fluorophenol
Concen: 118.630 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Tgt Ion:112 Resp: 434663

Ion	Ratio	Lower	Upper
112	100		
64	69.8	57.2	85.8
63	37.7	30.8	46.2



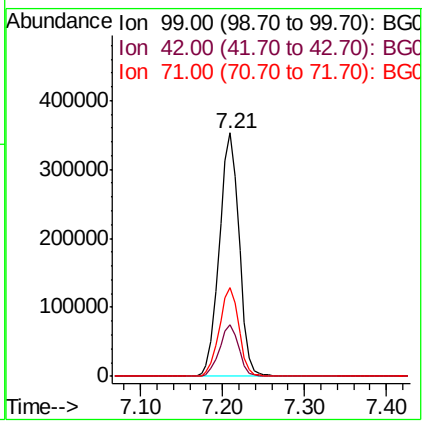


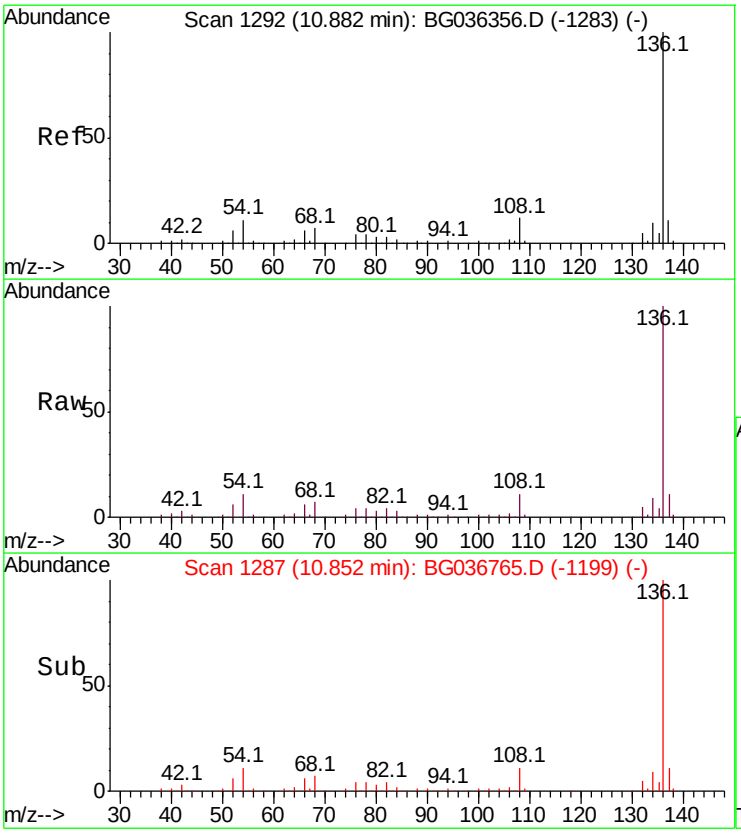
#7
Phenol-d6
Concen: 113.150 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Instrument :
BNA_G
ClientSampleId :
PB112891TB

Tgt Ion: 99 Resp: 593580

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.5	24.7
71	36.4	29.4	44.2

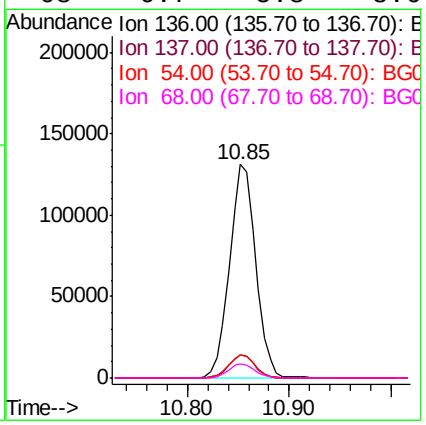


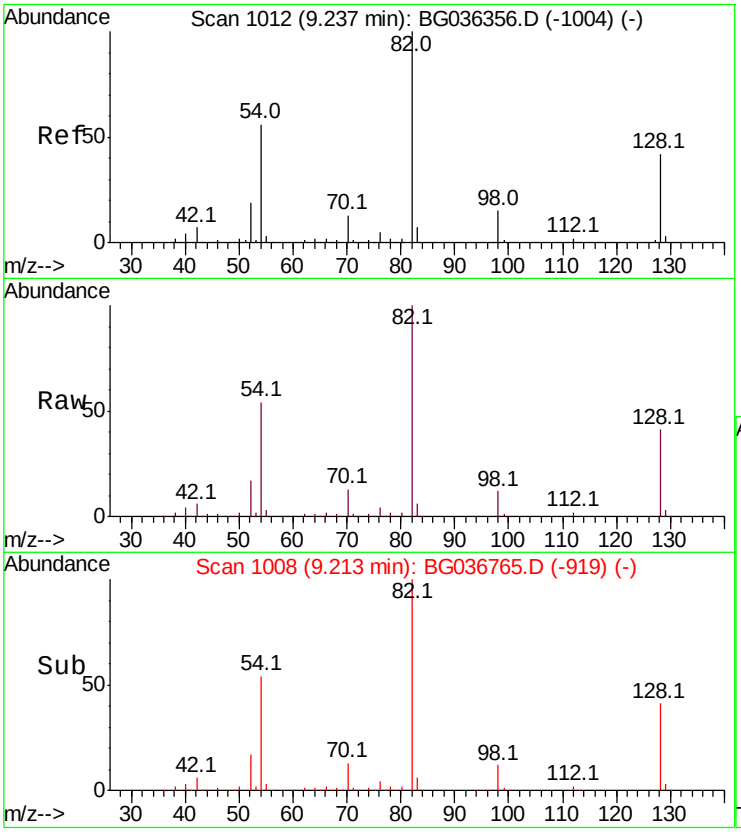


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Tgt Ion:136 Resp: 234792

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.8	9.2	13.8
68	6.7	5.8	8.6



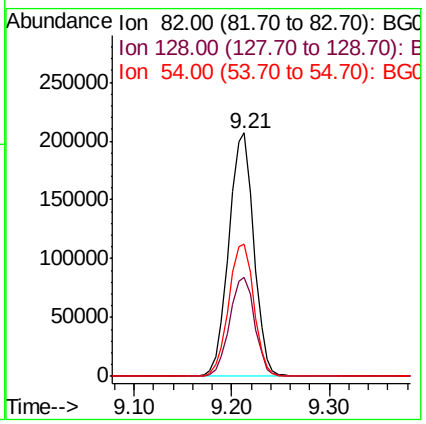


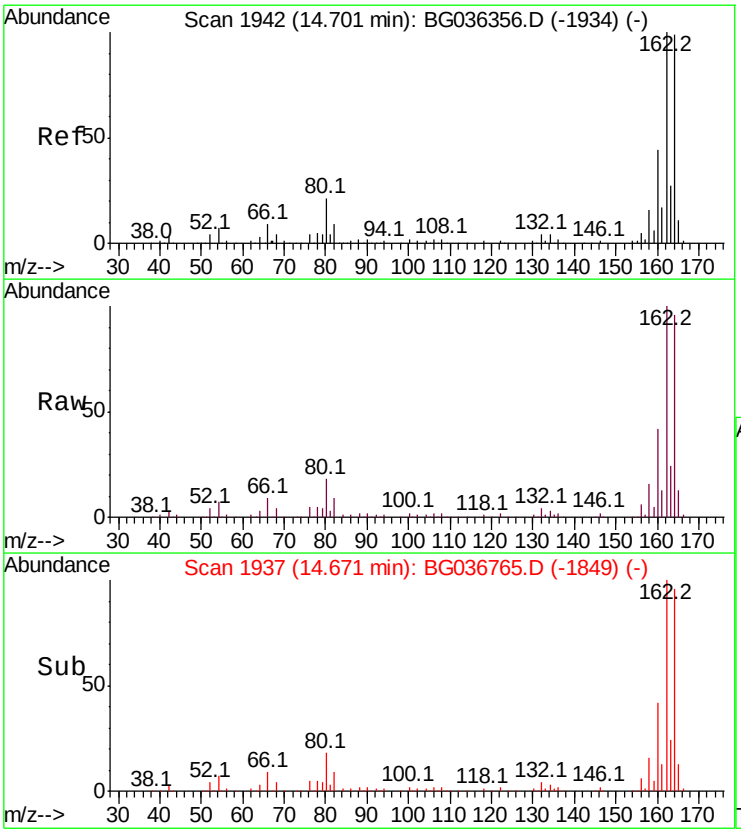
#23
Nitrobenzene-d5
Concen: 84.986 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Instrument :
BNA_G
ClientSampleId :
PB112891TB

Tgt Ion: 82 Resp: 367771

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.3	49.9
54	54.2	45.1	67.7

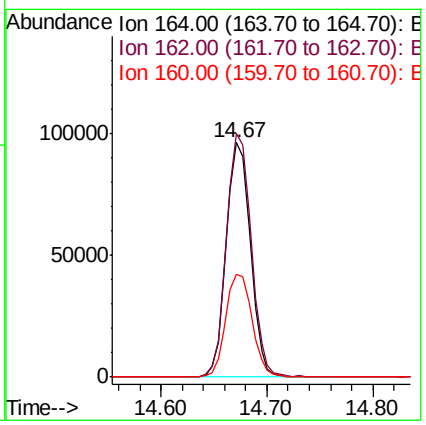


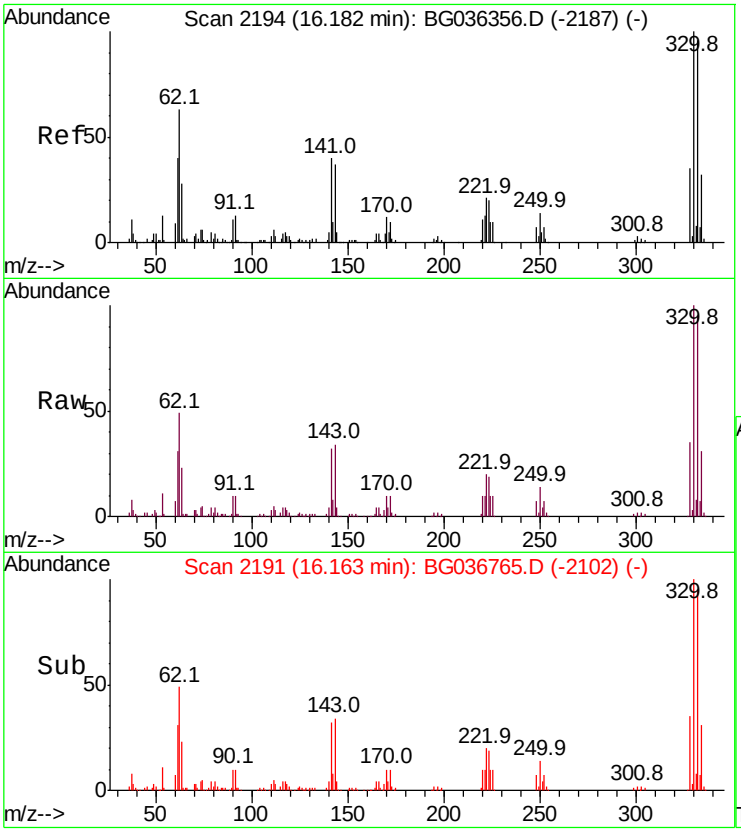


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Tgt Ion:164 Resp: 152309

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.7	121.1
160	44.0	35.3	52.9



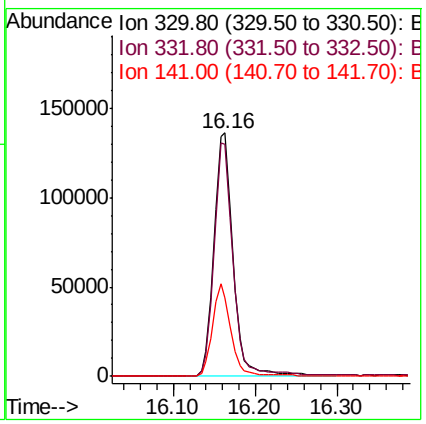


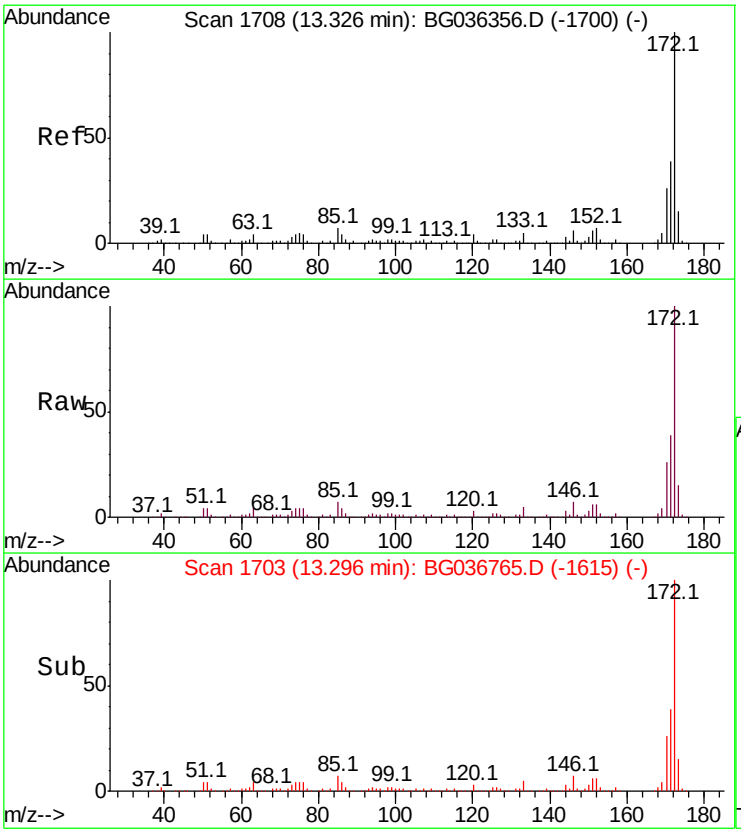
#41
2,4,6-Tribromophenol
Concen: 123.788 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Instrument :
BNA_G
ClientSampleId :
PB112891TB

Tgt Ion:330 Resp: 224970

Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.4	113.2
141	36.7	30.7	46.1

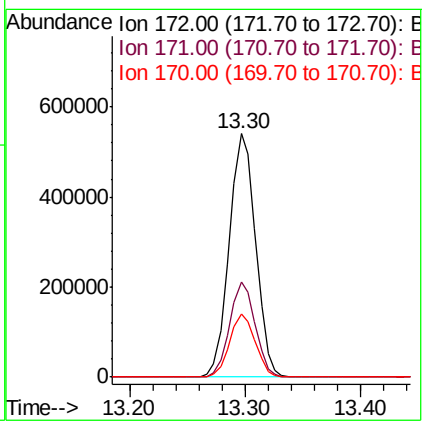


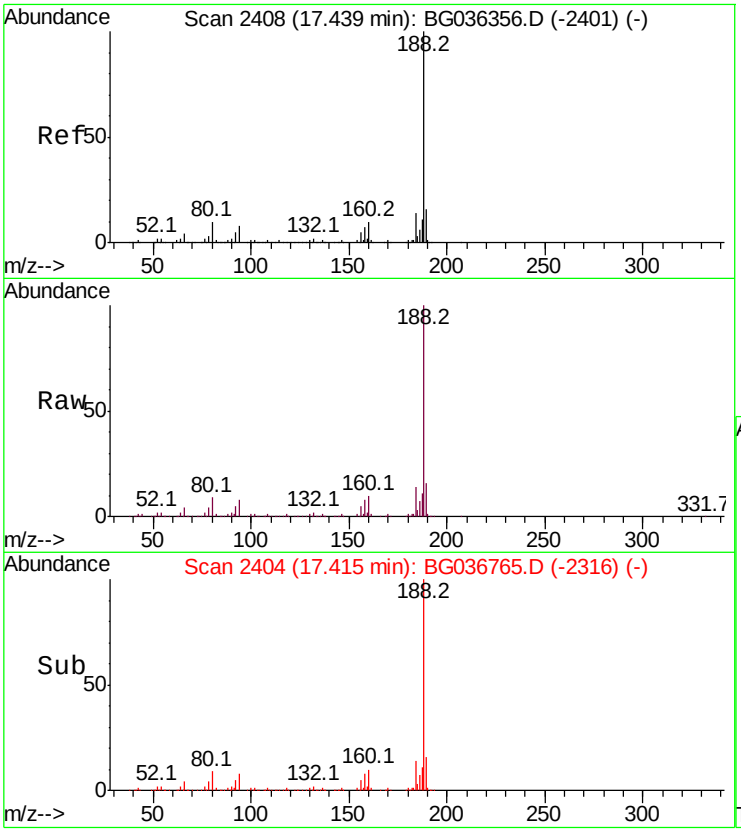


#44
2-Fluorobiphenyl
Concen: 80.266 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Tgt Ion:172 Resp: 856217

Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	25.9	21.0	31.6



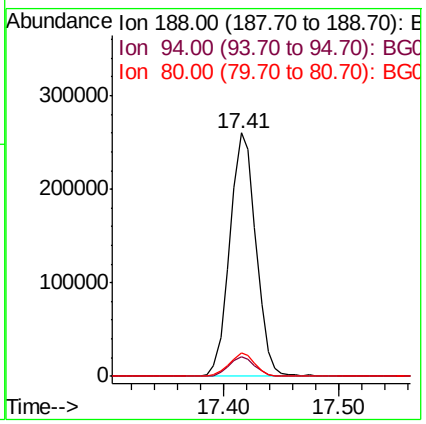


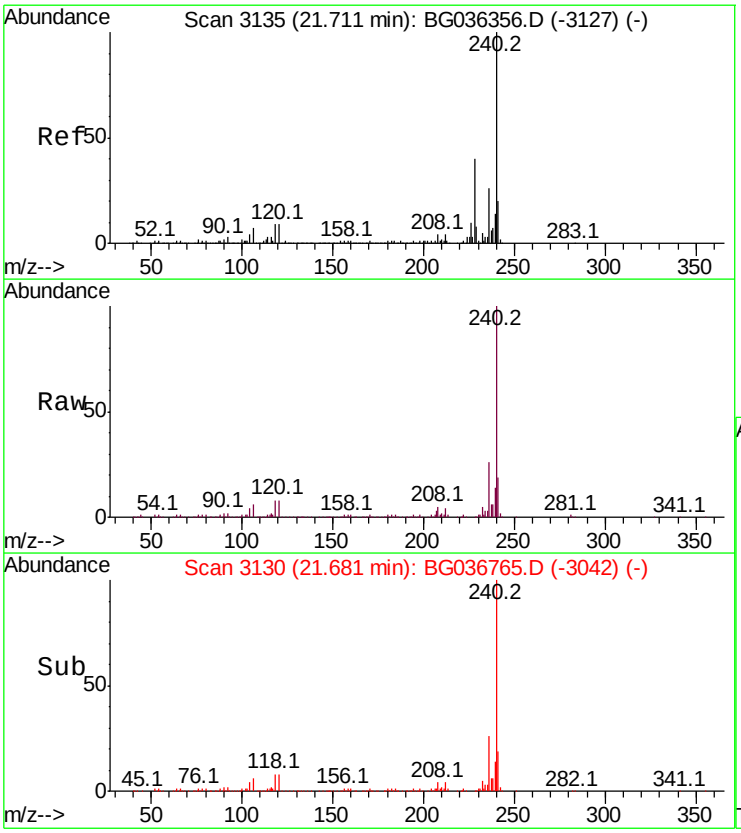
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Instrument :
BNA_G
ClientSampleId :
PB112891TB

Tgt Ion:188 Resp: 407194

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.4	8.1	12.1

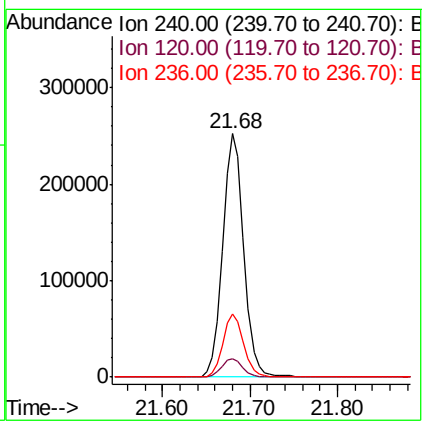


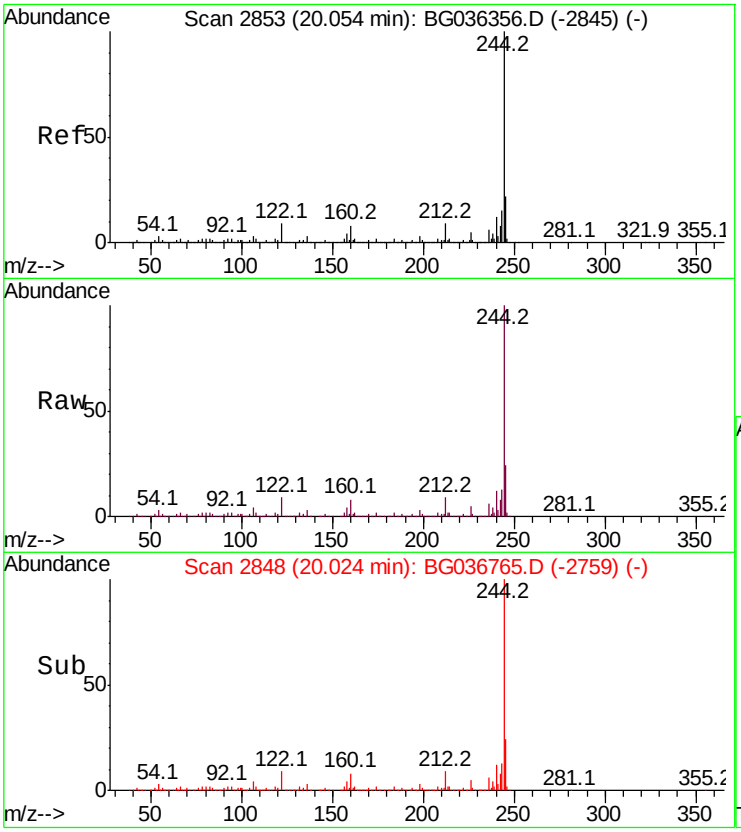


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Tgt Ion:240 Resp: 415453

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.9	10.3
236	25.8	21.2	31.8



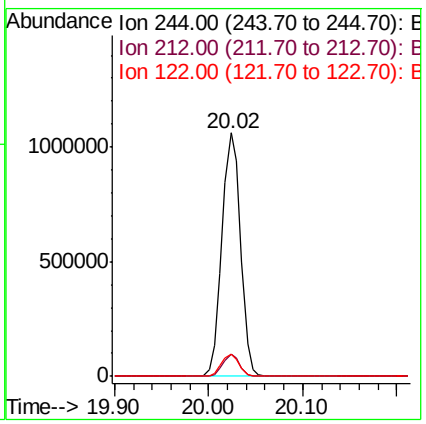


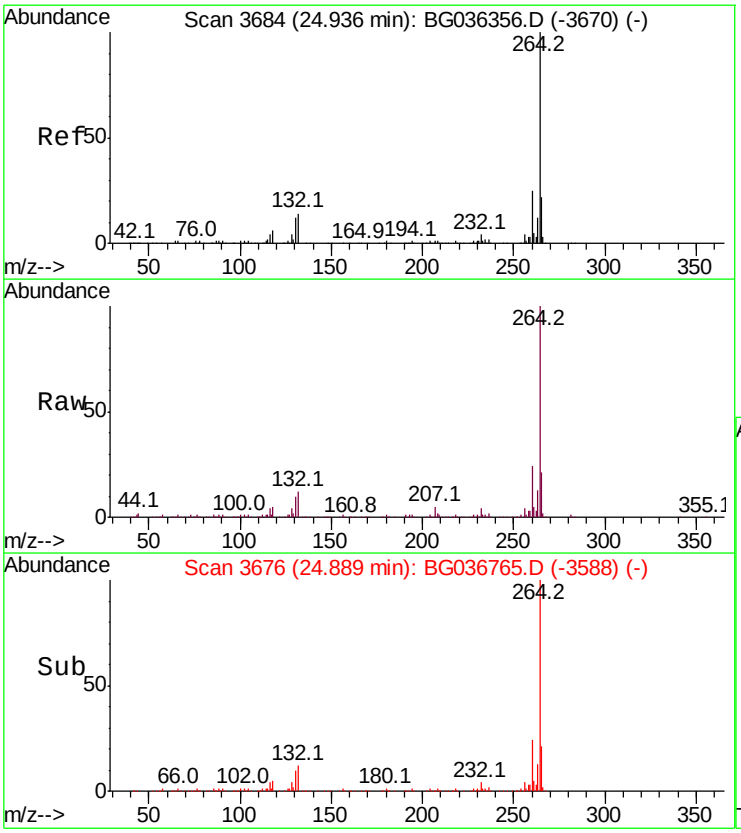
#78
Terphenyl-d14
Concen: 82.607 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Instrument :
BNA_G
ClientSampleId :
PB112891TB

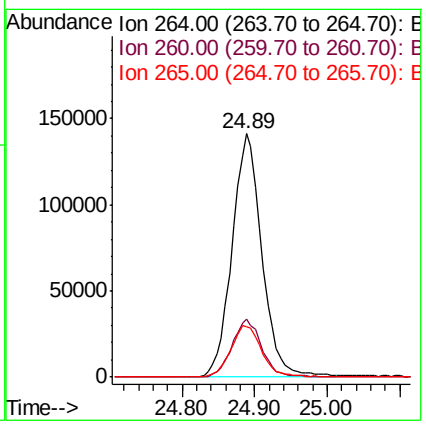
Tgt Ion:244 Resp: 1468305

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.3	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG036765.D
Acq: 17 Sep 2018 21:59

Tgt Ion:264 Resp: 403555

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.8	17.4	26.0