Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
Data File : BG036637.D
Acq On : 10 Sep 2018 22:55
Operator : JU/SJ
Sample : J4777-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-05-090718-B

Quant Time: Sep 11 03:09:09 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	54482	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	225606	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	153258	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	390727	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	410613	20.00	ng	-0.01
86) Perylene-d12	24.90	264	347459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	361602	105.28	ng	0.00
7) Phenol-d6	7.21	99	466945	94.96	ng	0.00
23) Nitrobenzene-d5	9.22	82	350065	84.19	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	202689	110.84	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	826702	77.02	ng	-0.01
78) Terphenyl-d14	20.03	244	1468109	83.57	ng	0.00
Target Compounds						Qvalue

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

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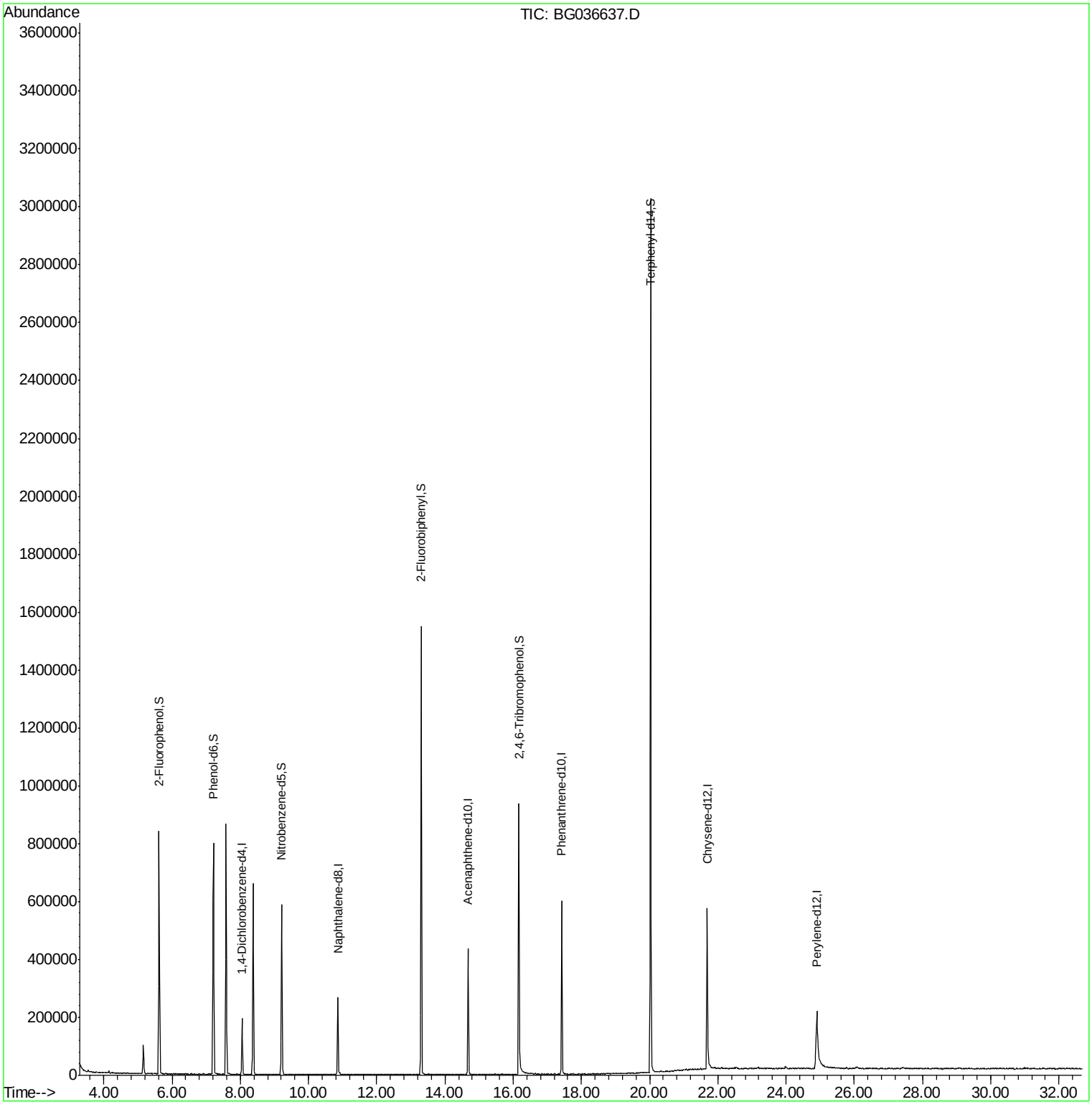
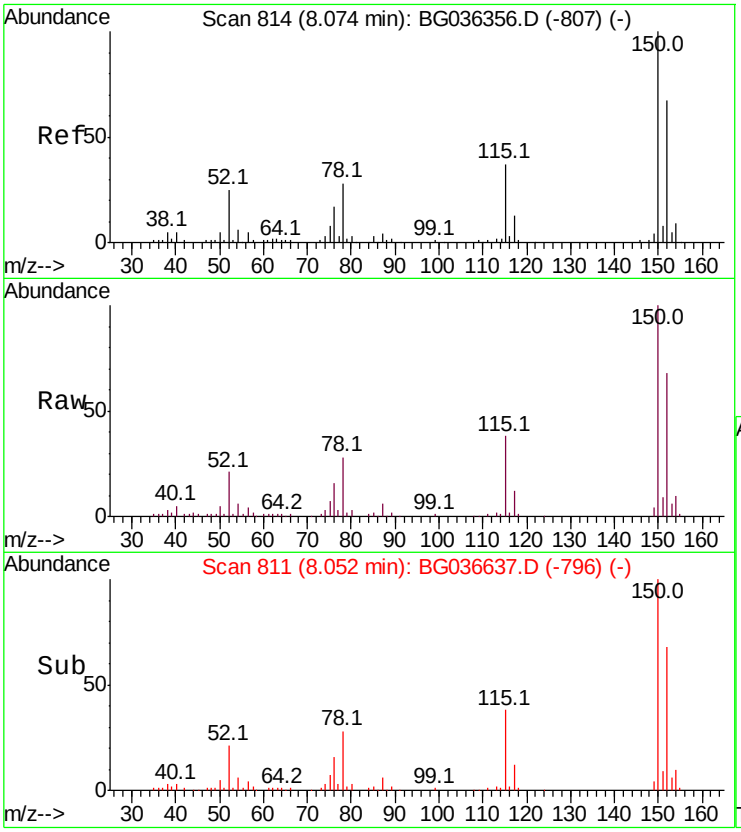


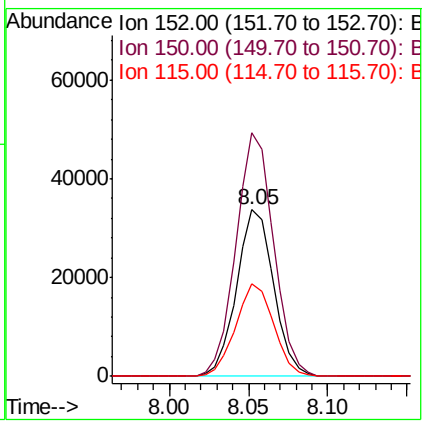


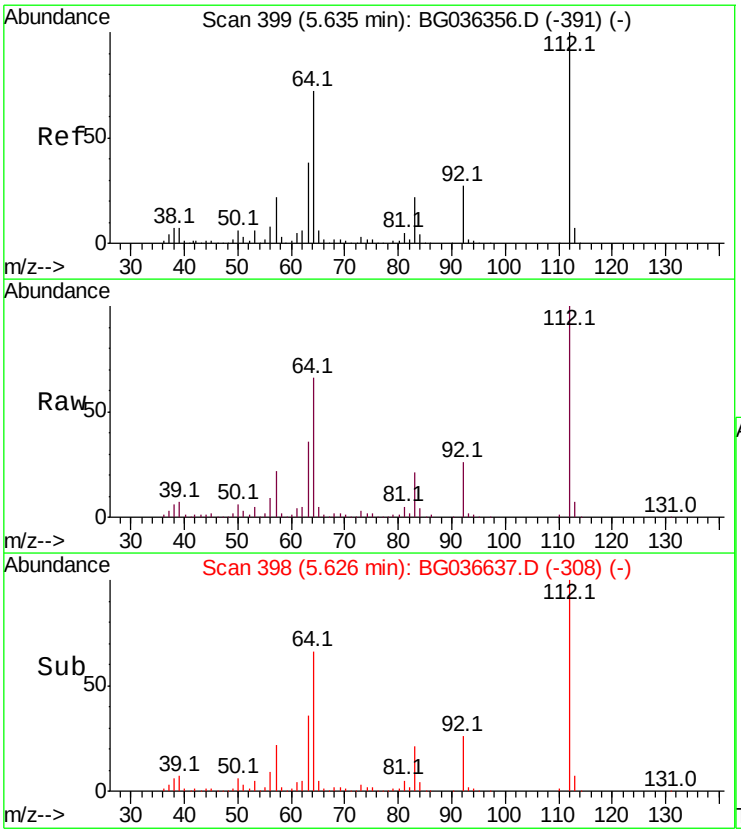
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PL-05-090718-B

Tgt Ion:152 Resp: 54482

Ion	Ratio	Lower	Upper
152	100		
150	146.5	119.5	179.3
115	55.9	44.5	66.7

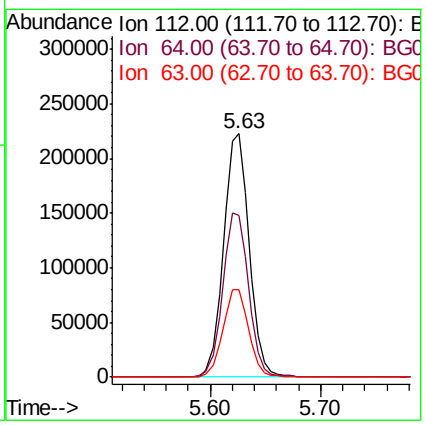


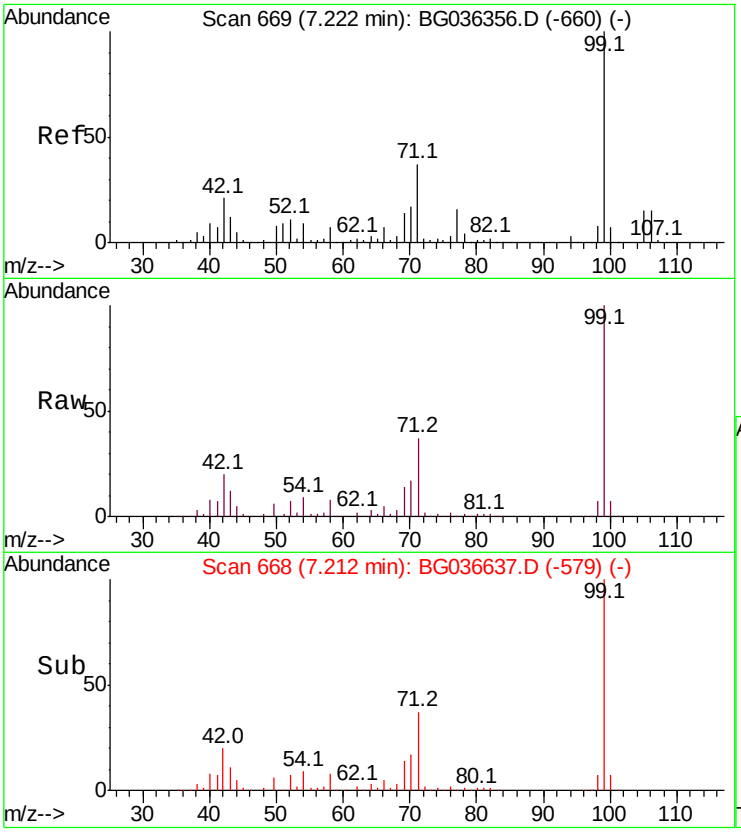


#5
2-Fluorophenol
Concen: 105.284 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Tgt Ion:112 Resp: 361602

Ion	Ratio	Lower	Upper
112	100		
64	66.4	57.2	85.8
63	35.8	30.8	46.2



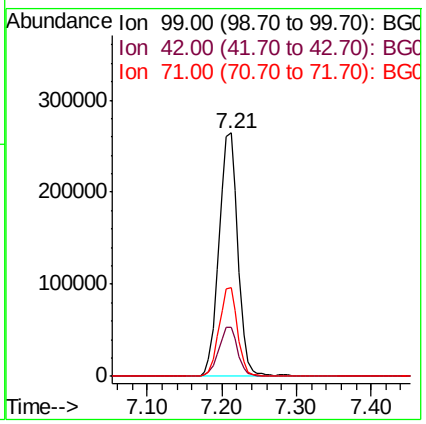


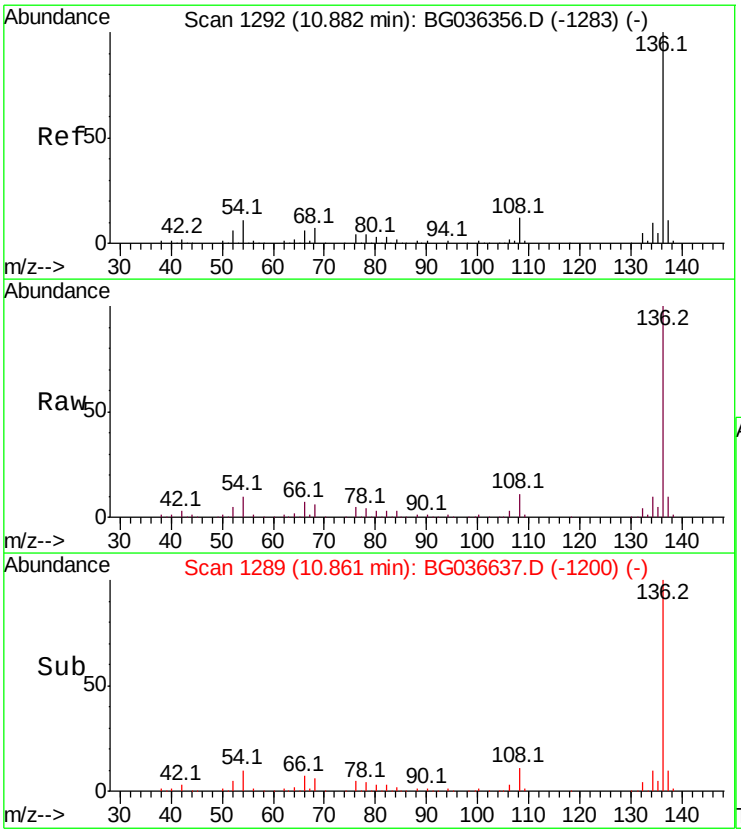
#7
Phenol-d6
Concen: 94.957 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PL-05-090718-B

Tgt Ion: 99 Resp: 466945

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.5	24.7
71	36.6	29.4	44.2

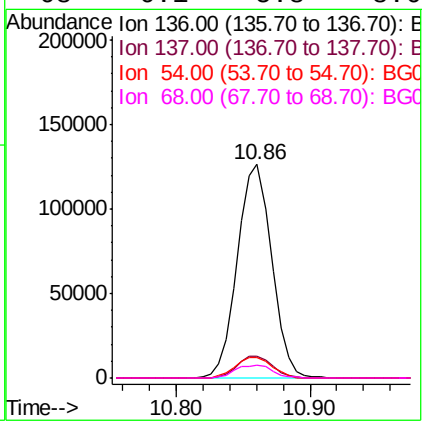


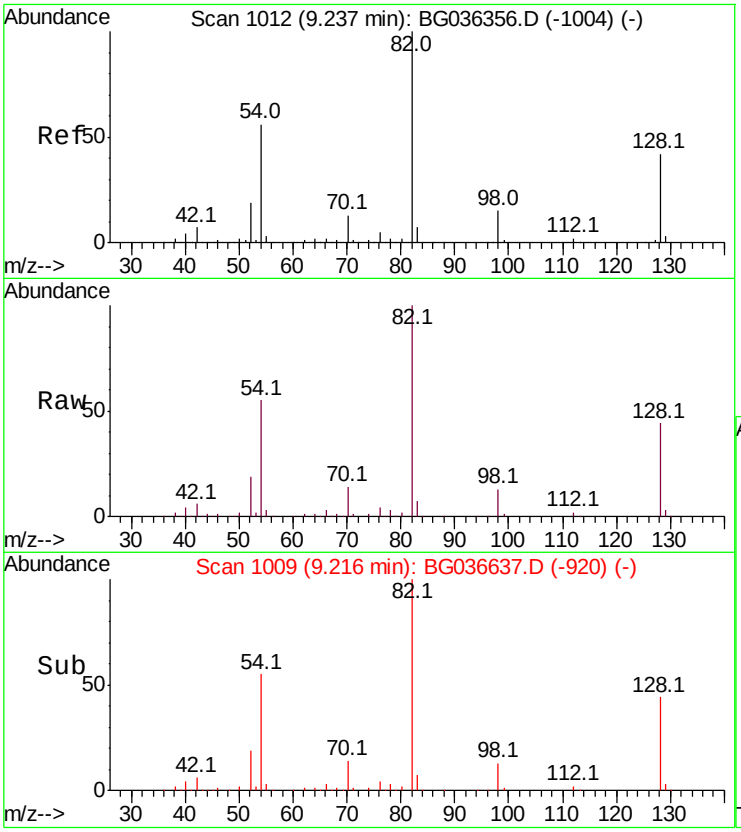


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Tgt Ion:136 Resp: 225606

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	9.9	9.2	13.8
68	6.1	5.8	8.6



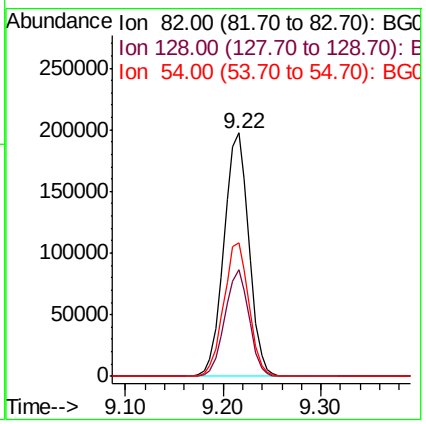


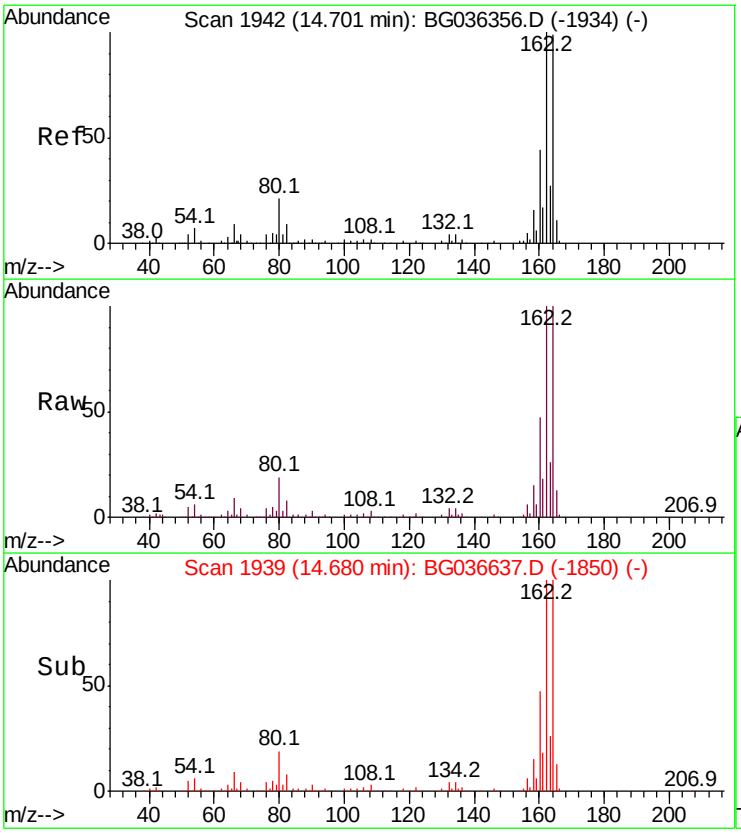
#23
Nitrobenzene-d5
Concen: 84.188 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PL-05-090718-B

Tgt Ion: 82 Resp: 350065

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.3	49.9
54	55.0	45.1	67.7

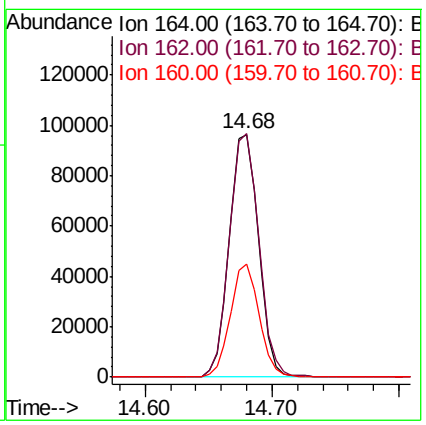


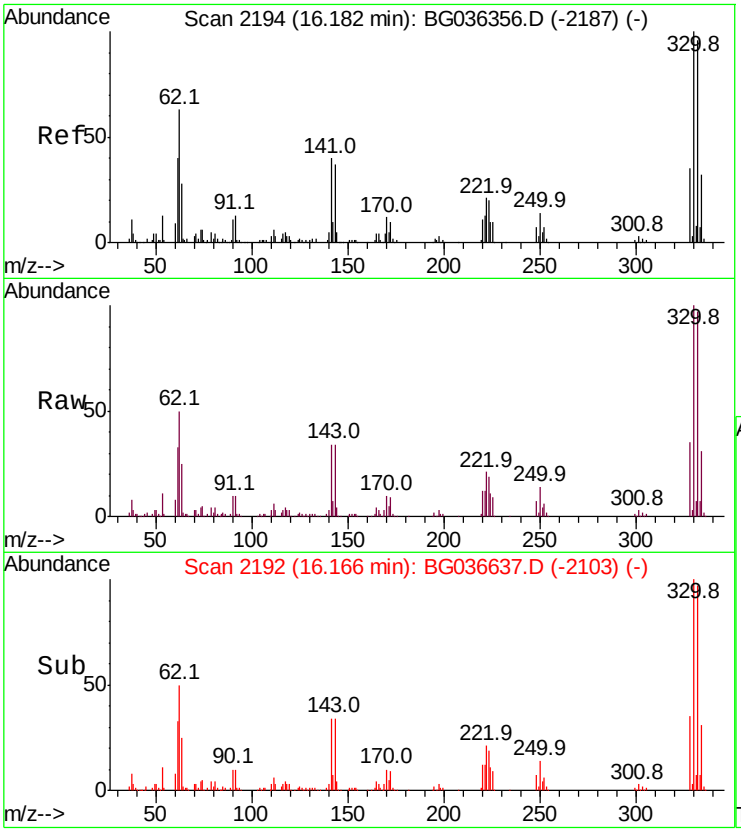


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Tgt Ion:164 Resp: 153258

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.7	121.1
160	46.8	35.3	52.9



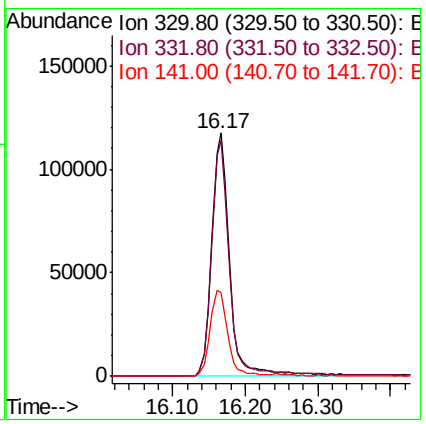


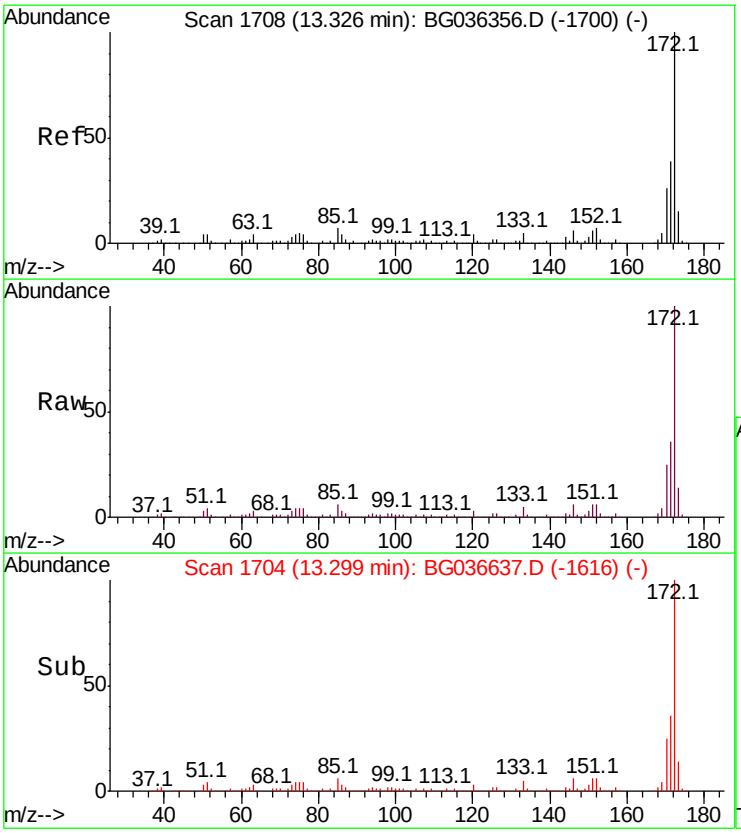
#41
2,4,6-Tribromophenol
Concen: 110.837 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PL-05-090718-B

Tgt Ion:330 Resp: 202689

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.2
141	34.9	30.7	46.1

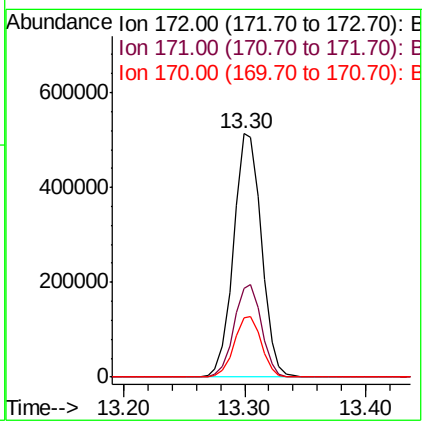


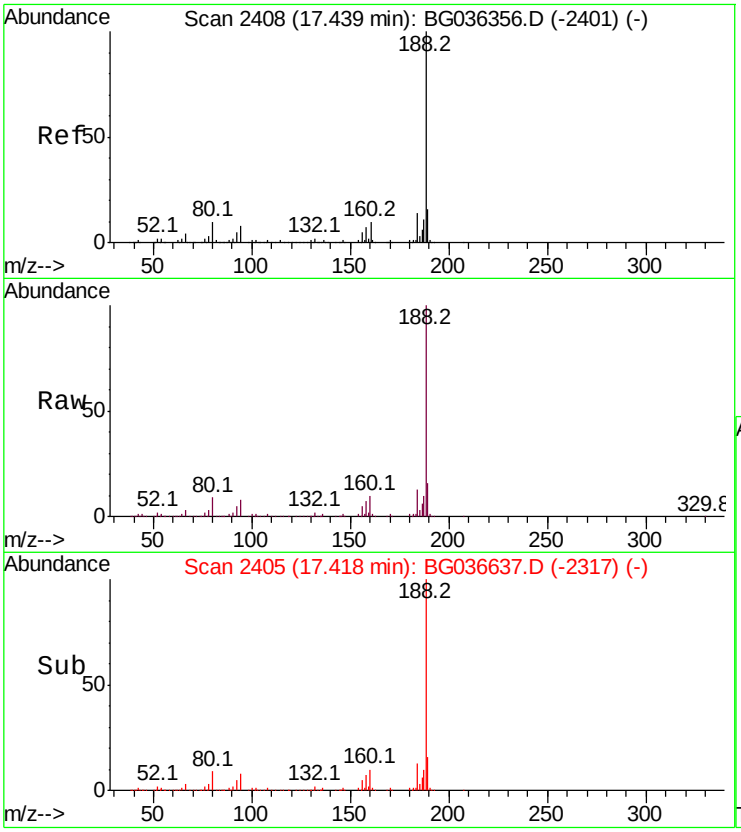


#44
2-Fluorobiphenyl
Concen: 77.019 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Tgt Ion:172 Resp: 826702

Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.3	46.9
170	24.5	21.0	31.6



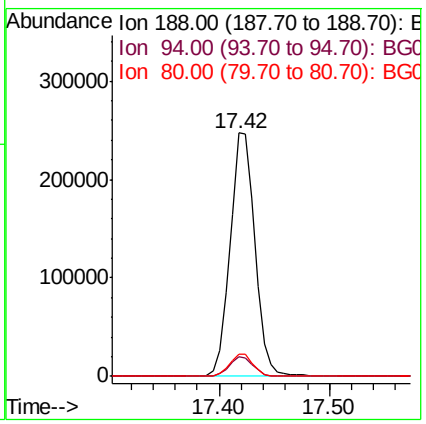


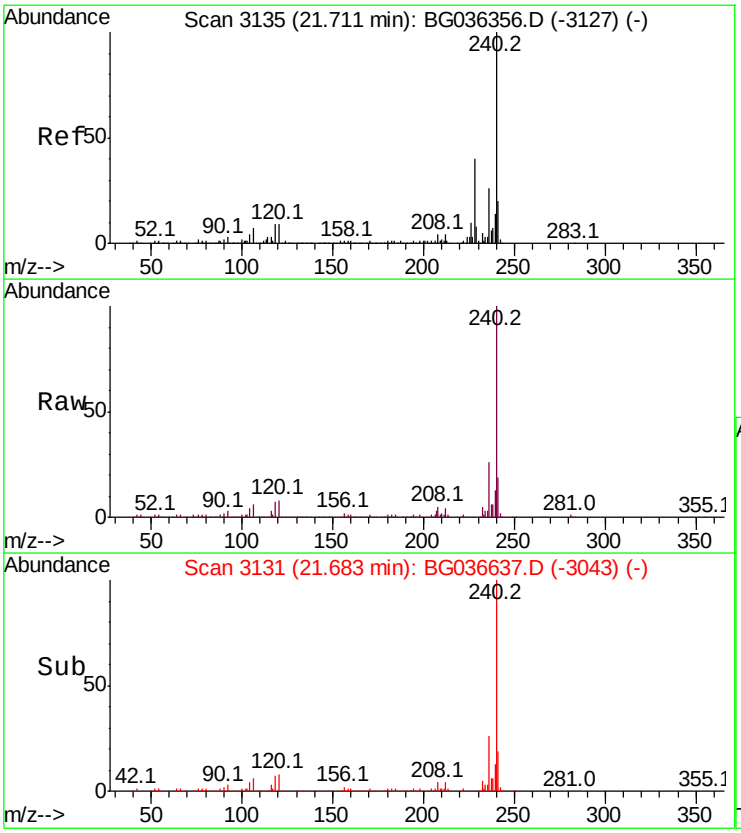
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PL-05-090718-B

Tgt Ion:188 Resp: 390727

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

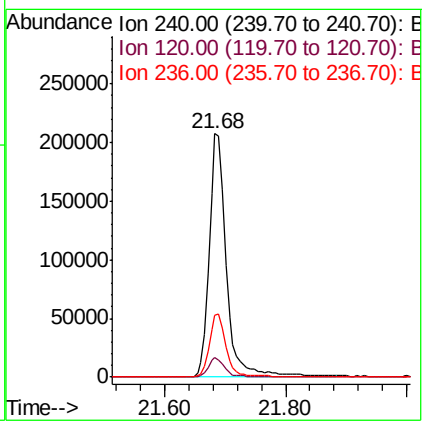


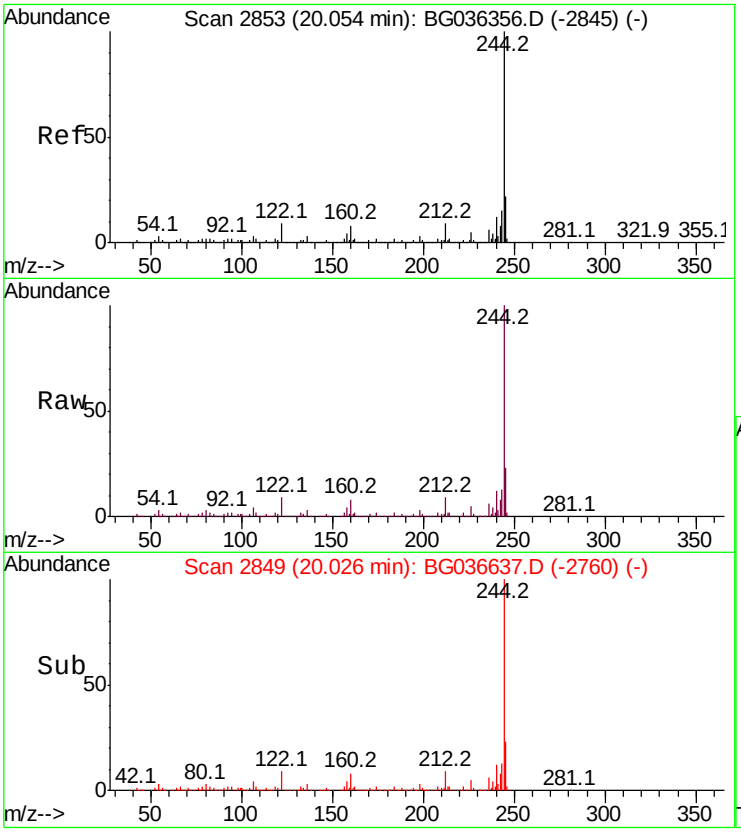


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Tgt Ion:240 Resp: 410613

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	25.6	21.2	31.8



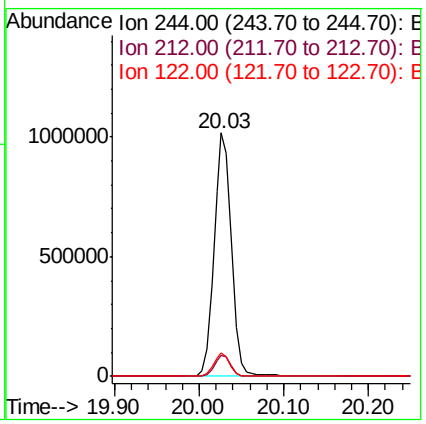


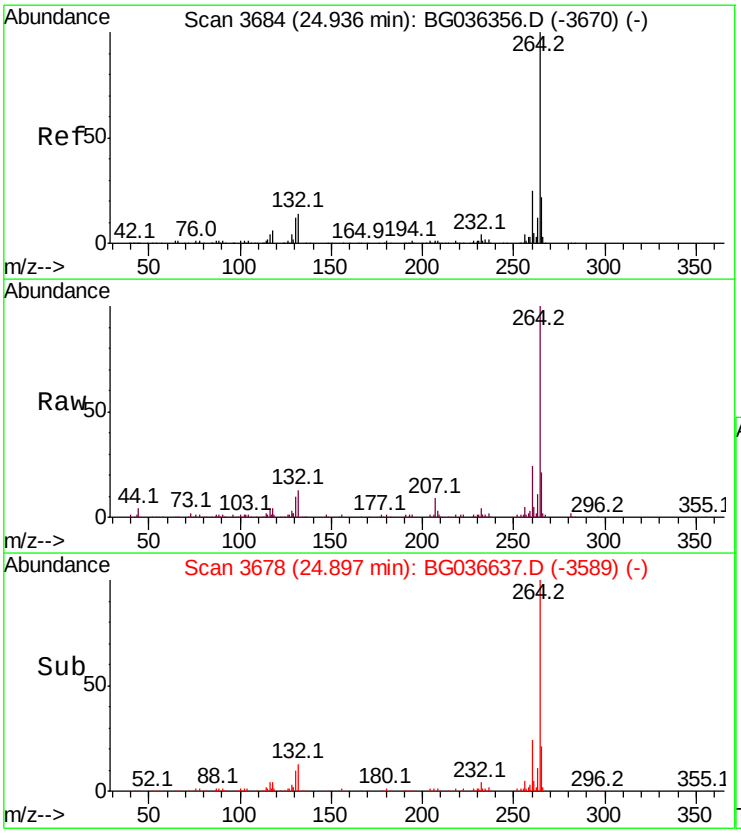
#78
Terphenyl-d14
Concen: 83.570 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PL-05-090718-B

Tgt Ion:244 Resp: 1468109

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.4	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Tgt Ion:264 Resp: 347459

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.3	17.4	26.0