Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
Data File : BG036447.D
Acq On : 28 Aug 2018 2:29
Operator : JU/SJ
Sample : J4282-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-02-082318-A

Quant Time: Aug 28 03:50:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56827	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	234833	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	151727	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	397103	20.00	ng	0.00
75) Chrysene-d12	21.70	240	429203	20.00	ng	-0.01
86) Perylene-d12	24.92	264	433048	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	389261	108.66	ng	0.00
7) Phenol-d6	7.22	99	492851	96.09	ng	0.00
23) Nitrobenzene-d5	9.22	82	369219	85.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	213295	117.81	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	857653	80.71	ng	-0.01
78) Terphenyl-d14	20.04	244	1503689	81.89	ng	-0.01
Target Compounds						Qvalue

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

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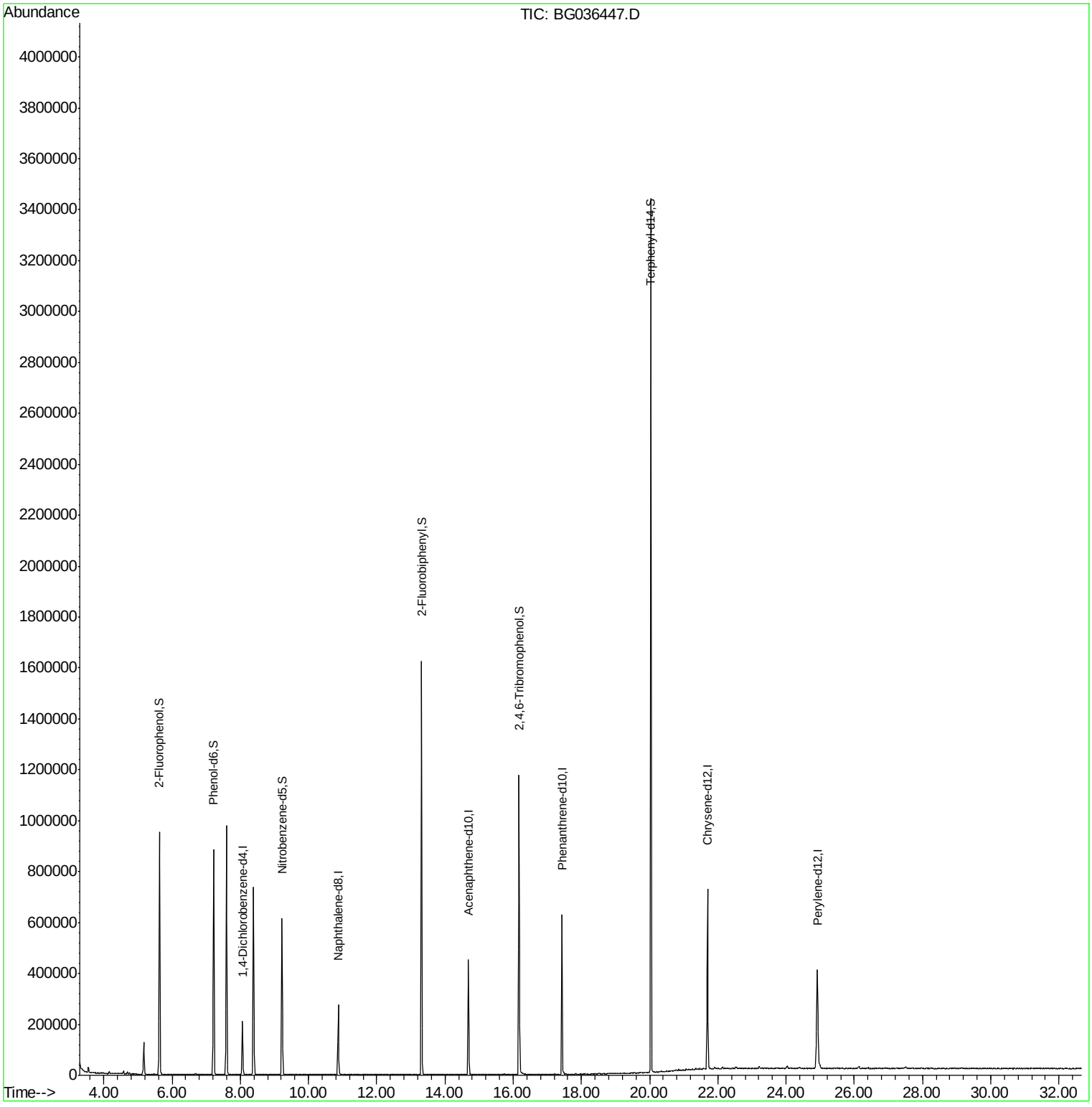
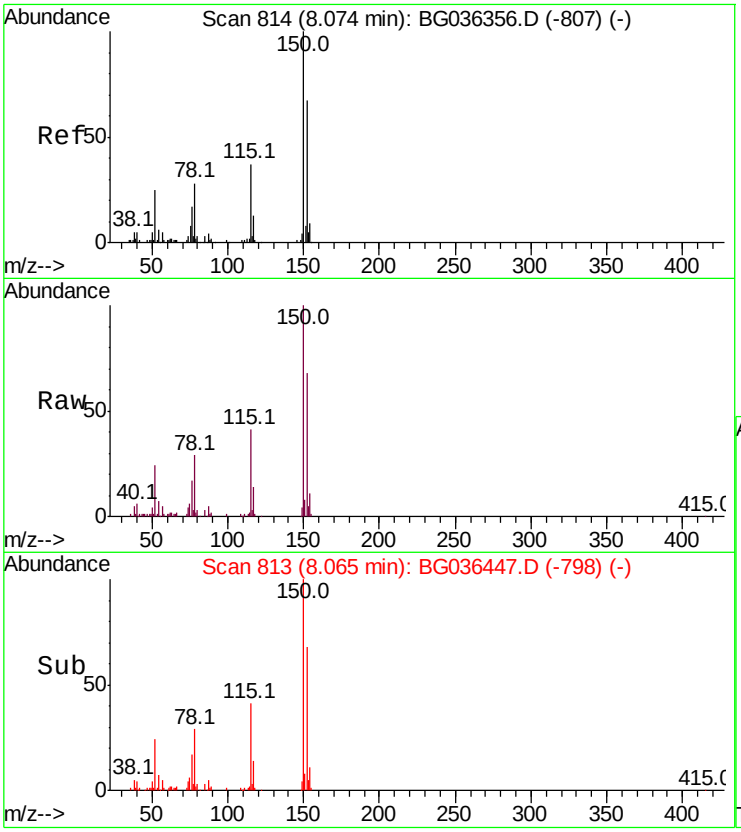


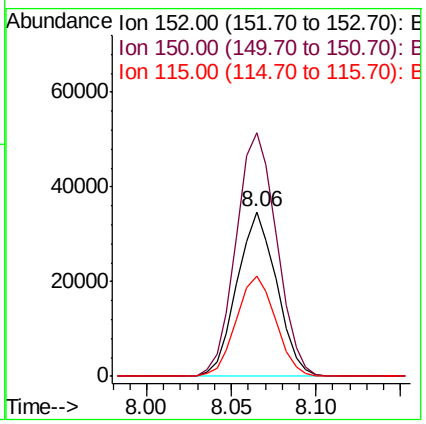


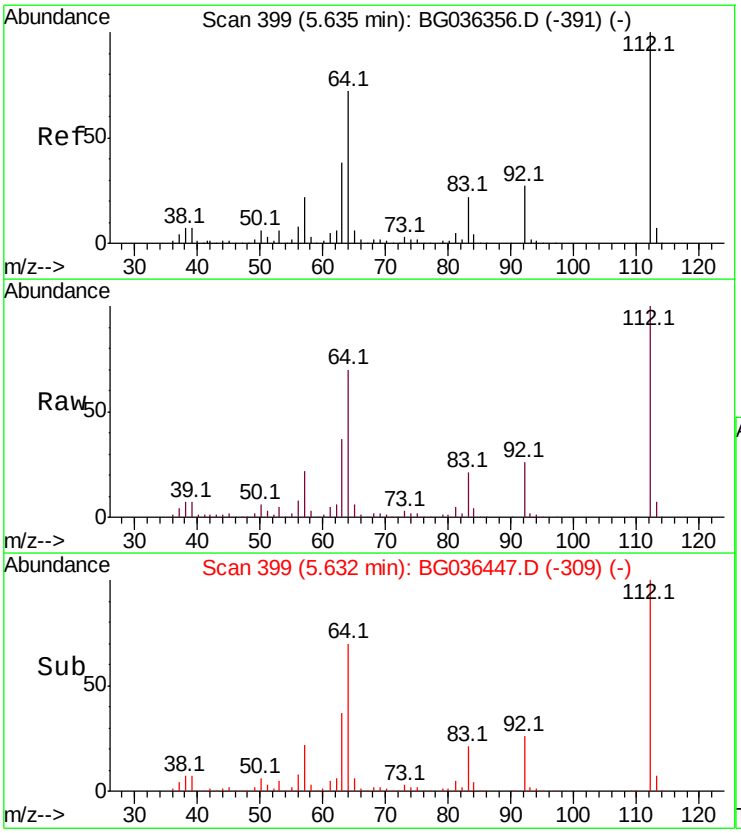
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Instrument :
BNA_G
ClientSampleId :
SU-02-082318-A

Tgt Ion:152 Resp: 56827

Ion	Ratio	Lower	Upper
152	100		
150	147.8	119.5	179.3
115	60.6	44.5	66.7

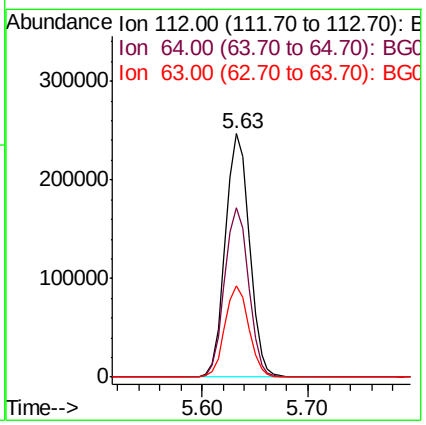


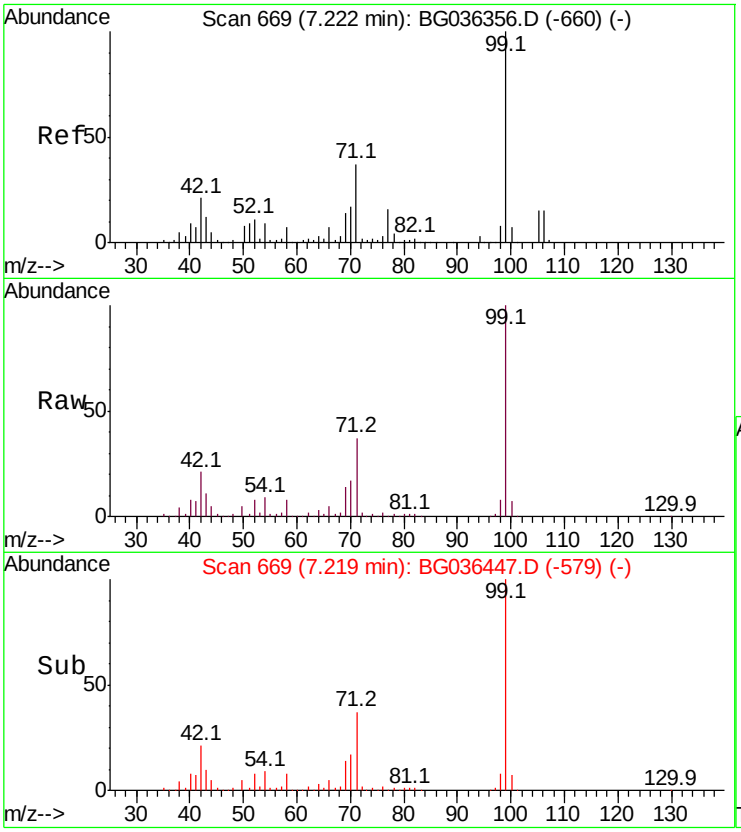


#5
2-Fluorophenol
Concen: 108.660 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Tgt Ion:112 Resp: 389261

Ion	Ratio	Lower	Upper
112	100		
64	69.6	57.2	85.8
63	37.5	30.8	46.2



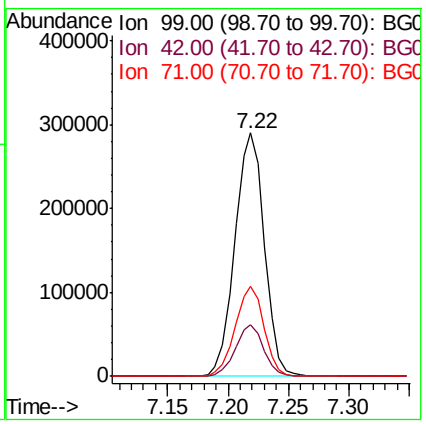


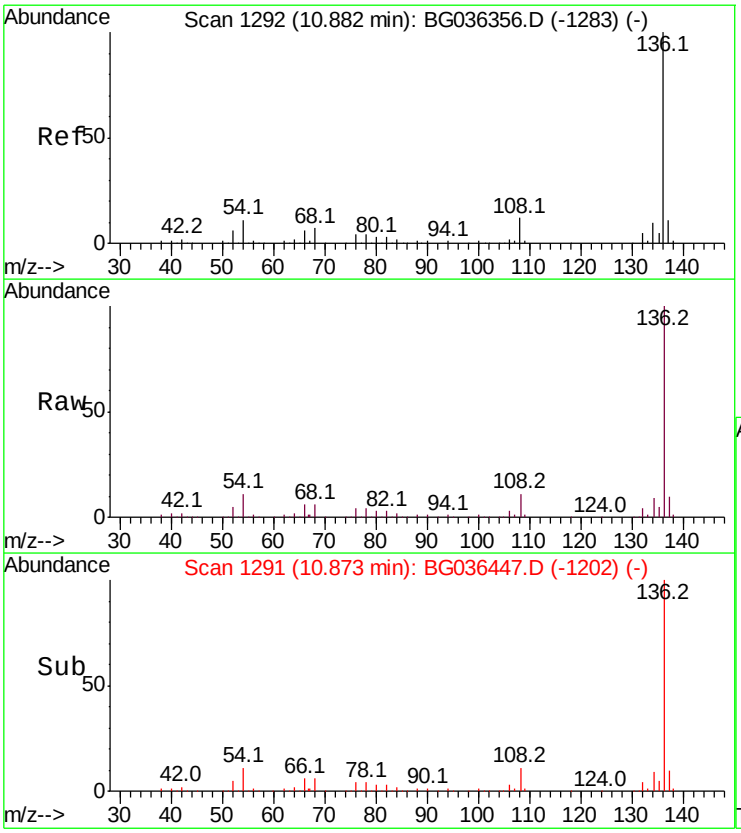
#7
Phenol-d6
Concen: 96.090 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Instrument :
BNA_G
ClientSampleId :
SU-02-082318-A

Tgt Ion: 99 Resp: 492851

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.5	24.7
71	37.2	29.4	44.2

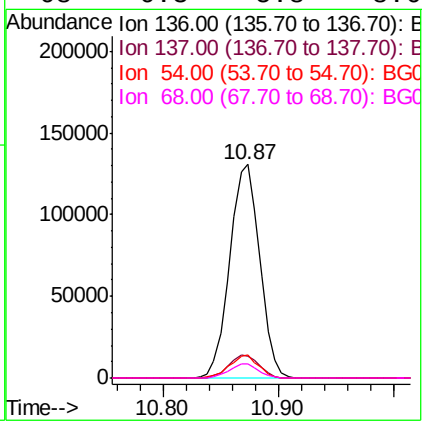


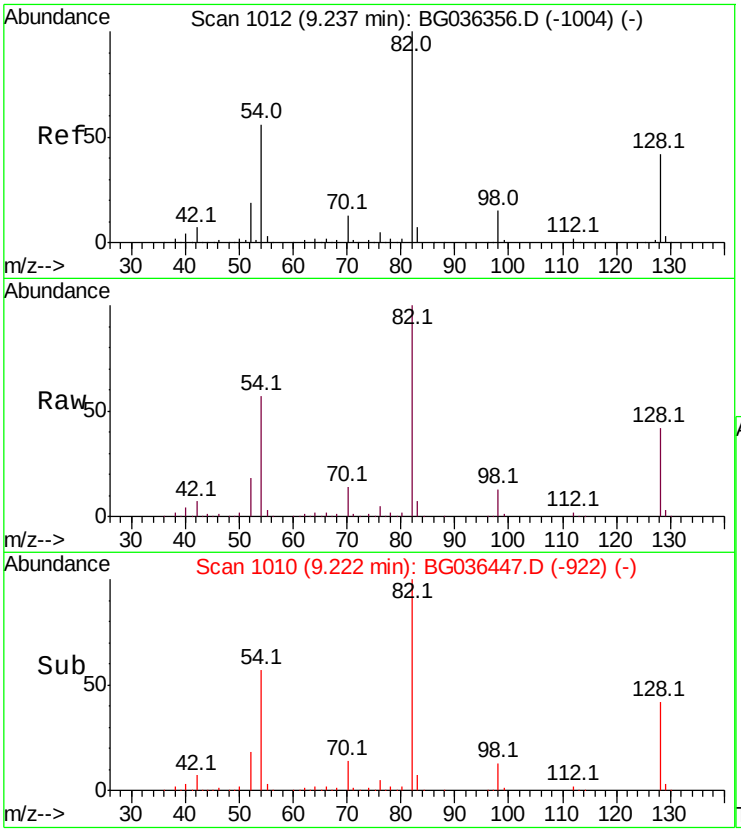


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Tgt Ion:136 Resp: 234833

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.8	9.2	13.8
68	6.3	5.8	8.6



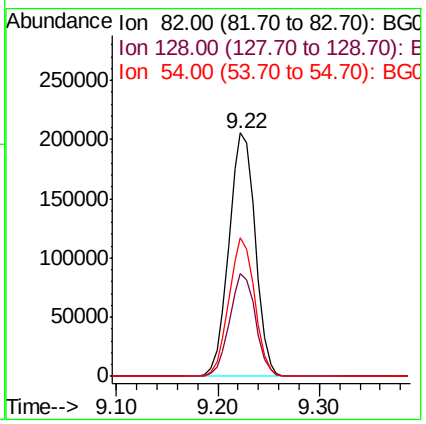


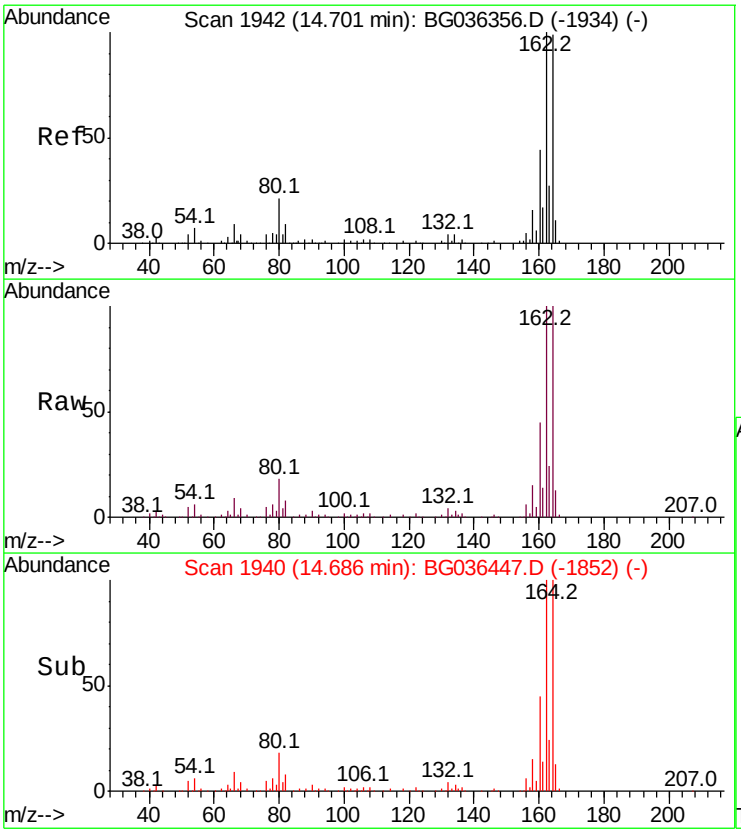
#23
Nitrobenzene-d5
Concen: 85.306 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Instrument :
BNA_G
ClientSampleId :
SU-02-082318-A

Tgt Ion: 82 Resp: 369219

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	56.8	45.1	67.7

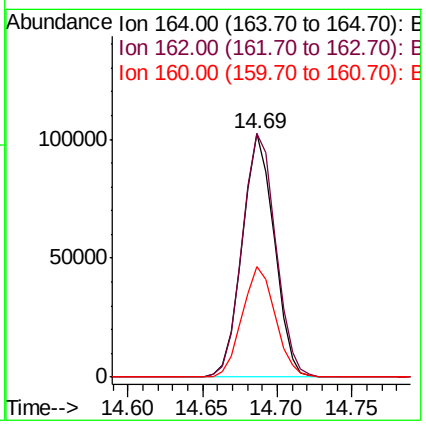


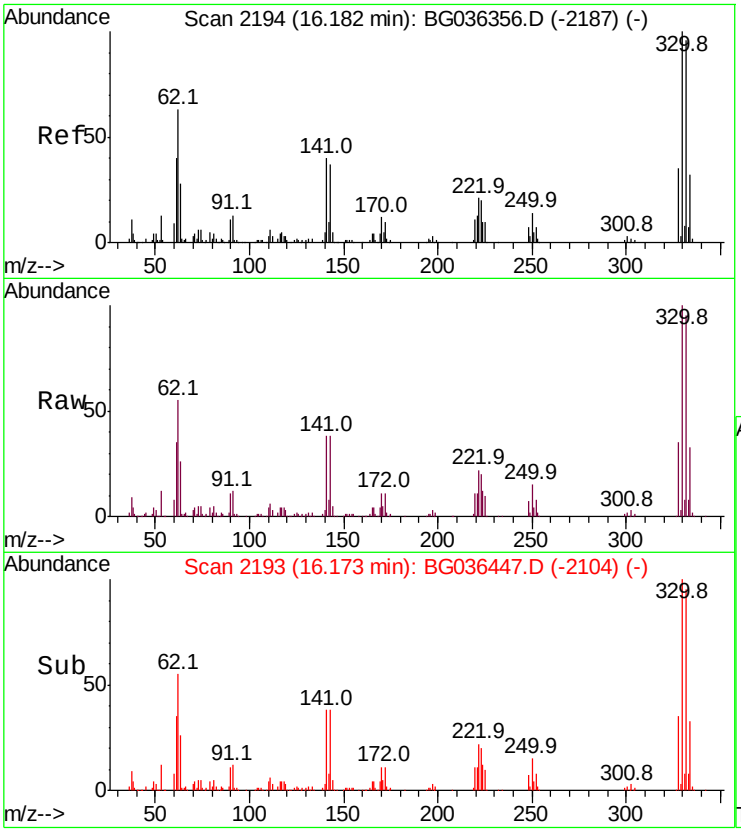


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Tgt Ion:164 Resp: 151727

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.7	121.1
160	45.3	35.3	52.9



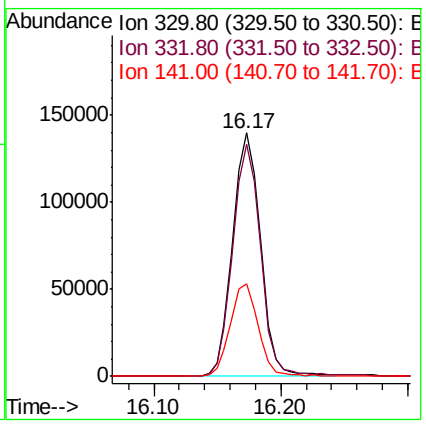


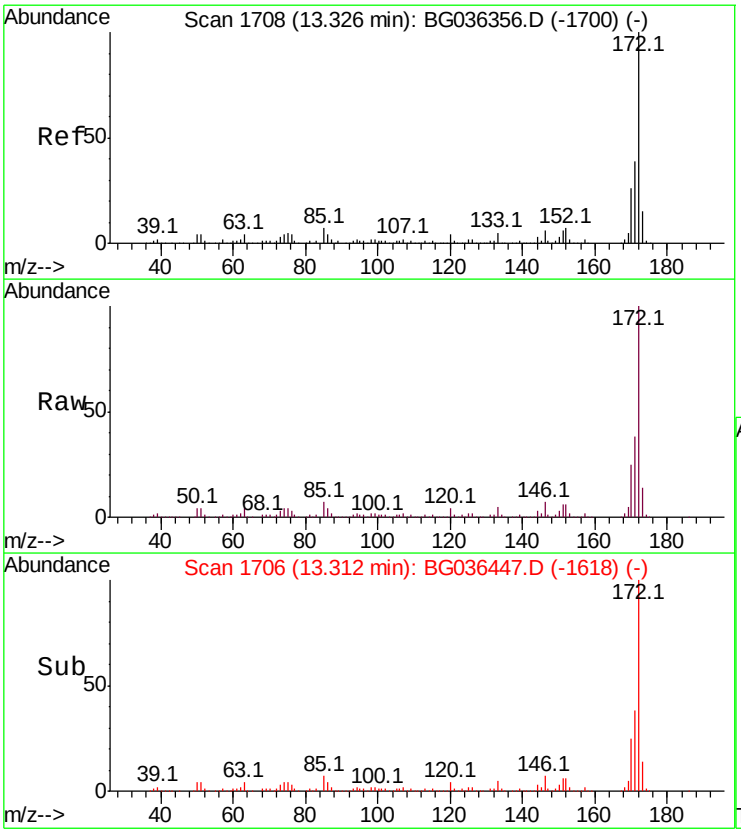
#41
2,4,6-Tribromophenol
Concen: 117.814 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Instrument :
BNA_G
ClientSampleId :
SU-02-082318-A

Tgt Ion:330 Resp: 213295

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.2
141	37.9	30.7	46.1

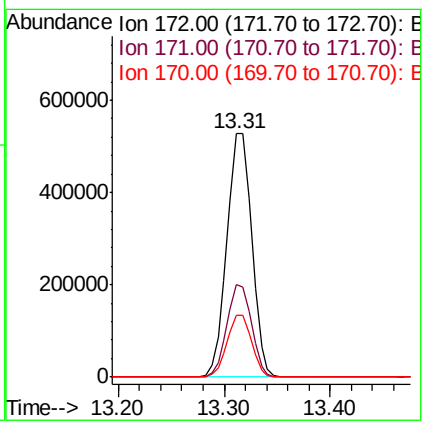


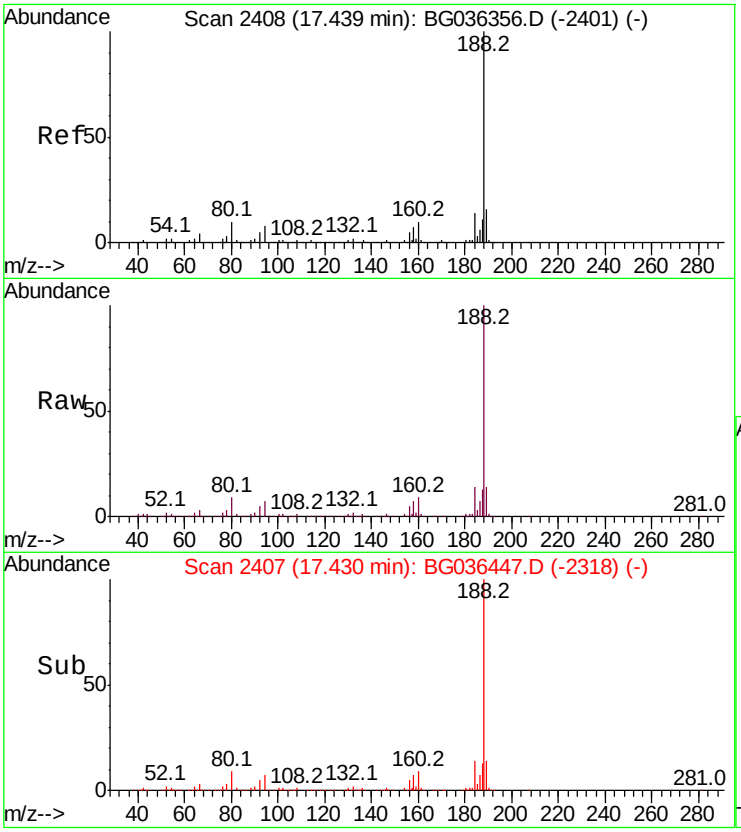


#44
2-Fluorobiphenyl
Concen: 80.709 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Tgt Ion:172 Resp: 857653

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.2	21.0	31.6



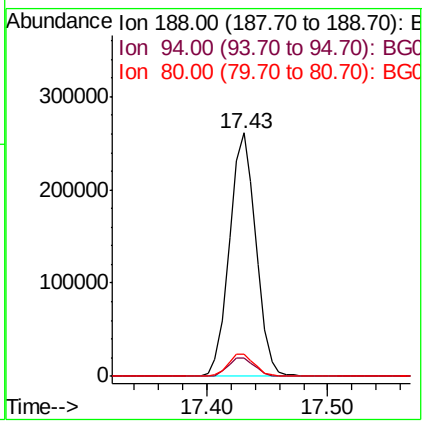


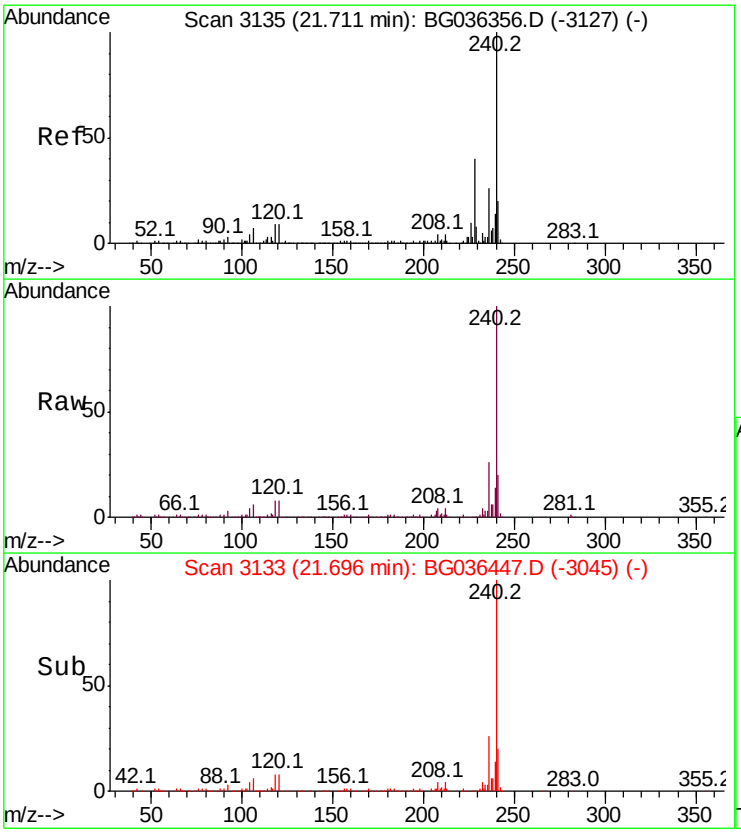
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Instrument :
BNA_G
ClientSampleId :
SU-02-082318-A

Tgt Ion:188 Resp: 397103

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.2	8.1	12.1

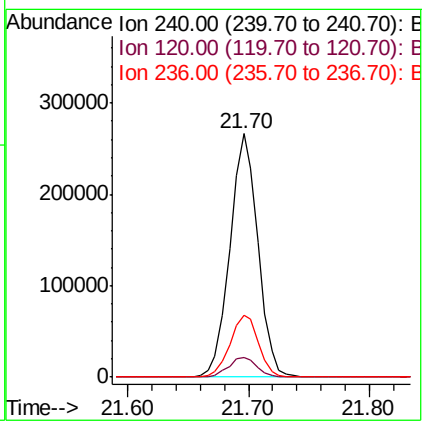


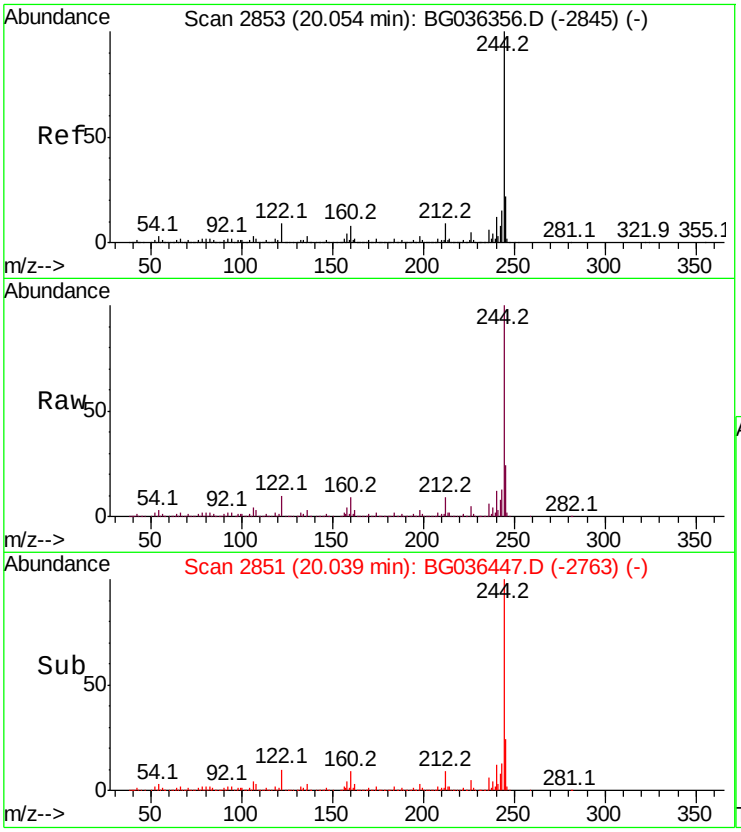


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Tgt Ion:240 Resp: 429203

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.9	10.3
236	25.6	21.2	31.8



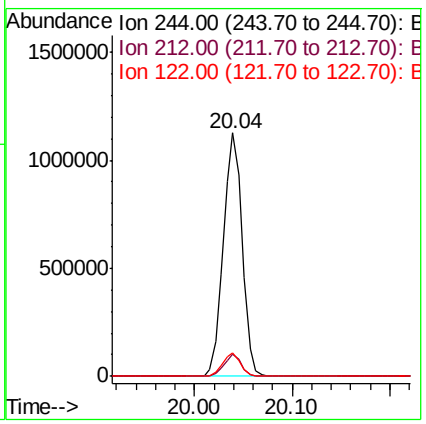


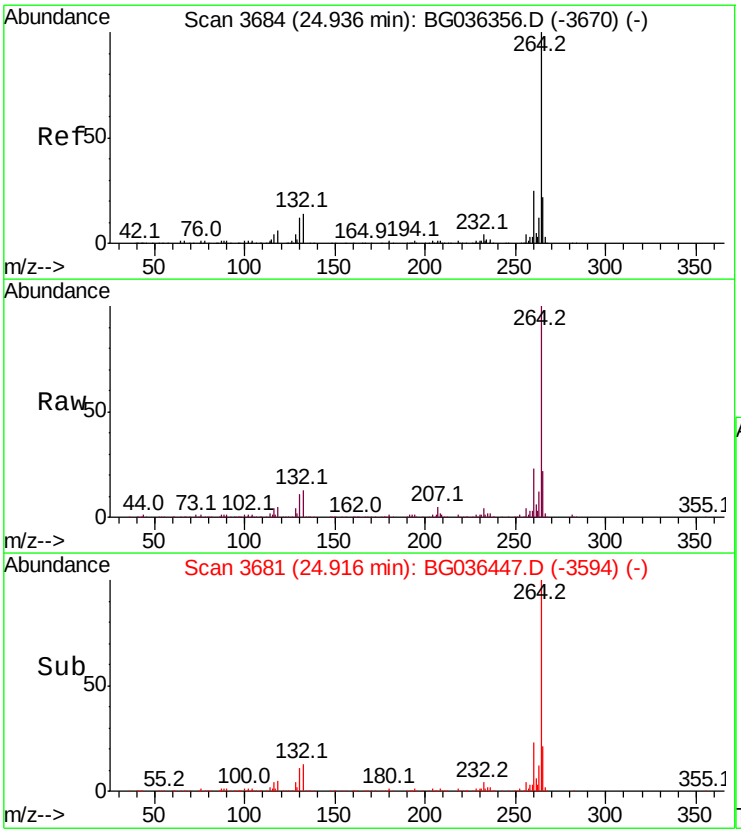
#78
Terphenyl-d14
Concen: 81.887 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Instrument :
BNA_G
ClientSampleId :
SU-02-082318-A

Tgt Ion:244 Resp: 1503689

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.5	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Tgt Ion:264 Resp: 433048

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.5	17.4	26.0