Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036780.D
Acq On : 18 Sep 2018 9:17
Operator : JU/SJ
Sample : J4936-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 138-KV

Quant Time: Sep 18 11:32:42 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	63217	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	259287	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	164556	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	411530	20.00	ng	0.00
75) Chrysene-d12	21.68	240	429200	20.00	ng	-0.02
86) Perylene-d12	24.89	264	421468	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	378859	95.07	ng	0.00
7) Phenol-d6	7.21	99	483018	84.65	ng	0.00
23) Nitrobenzene-d5	9.21	82	366433	76.68	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	216430	110.23	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	808760	70.17	ng	-0.02
78) Terphenyl-d14	20.02	244	1356702	73.88	ng	0.00
Target Compounds						Qvalue

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

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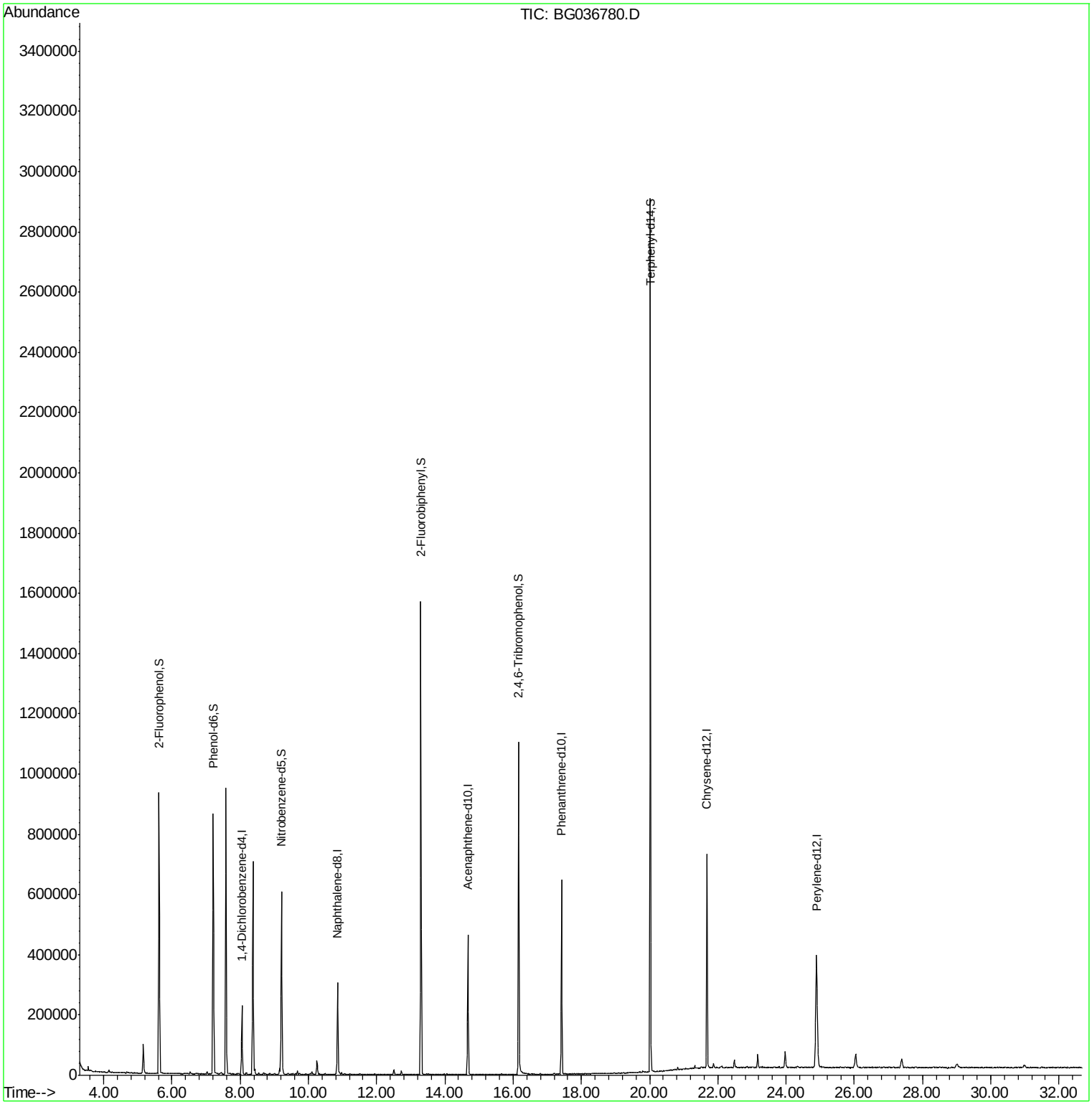
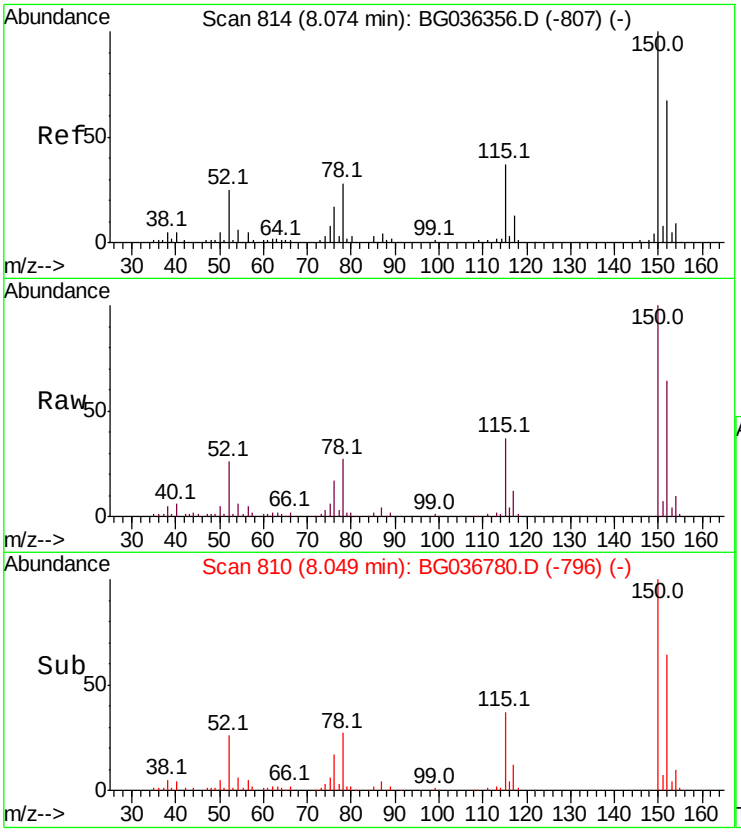


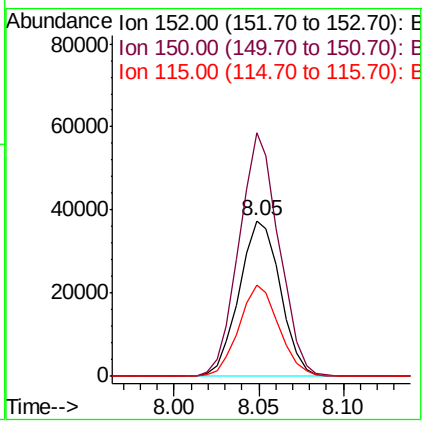


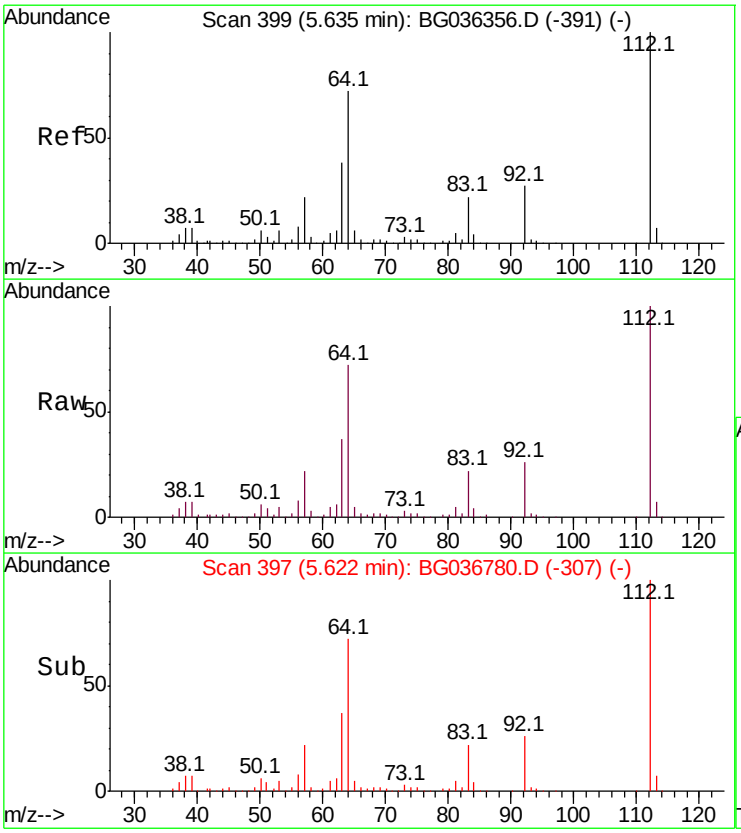
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Instrument :
BNA_G
ClientSampleId :
138-KV

Tgt Ion:152 Resp: 63217

Ion	Ratio	Lower	Upper
152	100		
150	156.3	119.5	179.3
115	58.5	44.5	66.7

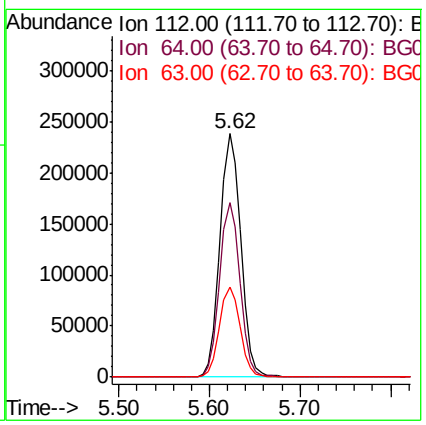


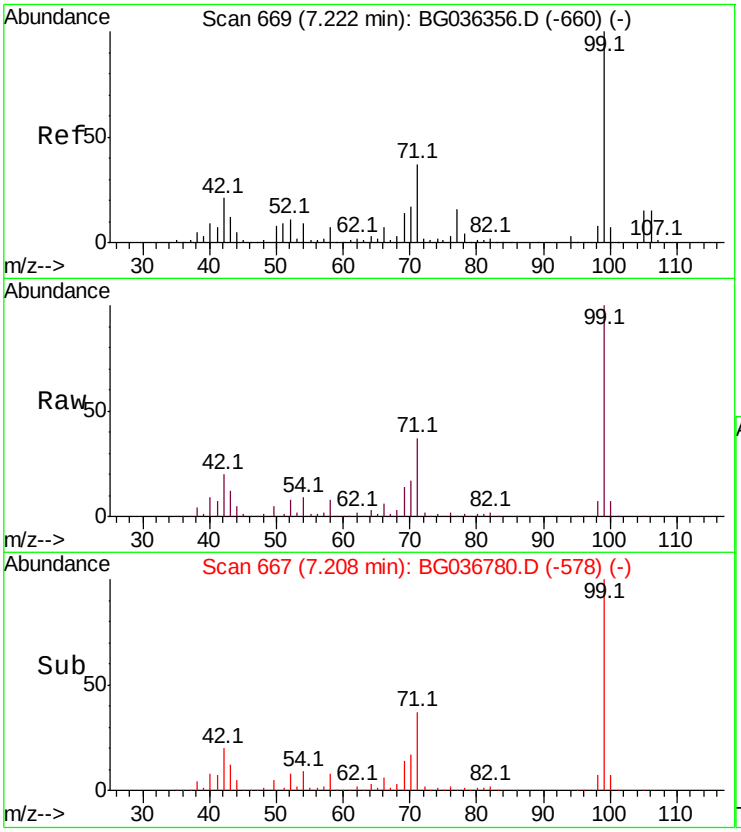


#5
2-Fluorophenol
Concen: 95.067 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Tgt Ion:112 Resp: 378859

Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.2	85.8
63	37.0	30.8	46.2



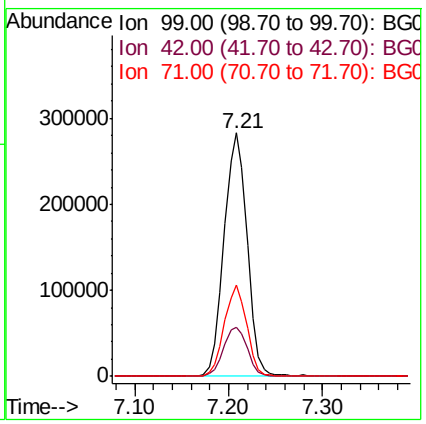


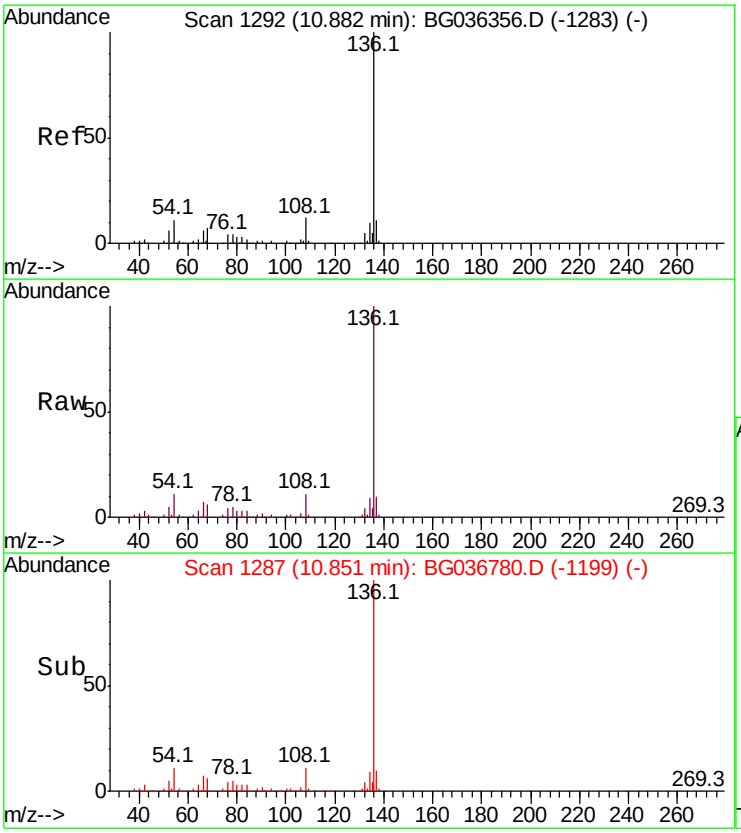
#7
Phenol-d6
Concen: 84.654 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Instrument :
BNA_G
ClientSampleId :
138-KV

Tgt Ion: 99 Resp: 483018

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.5	24.7
71	37.3	29.4	44.2

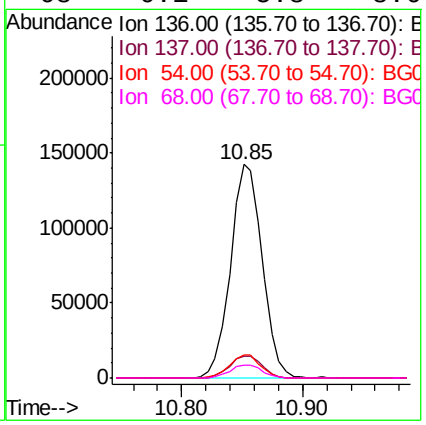


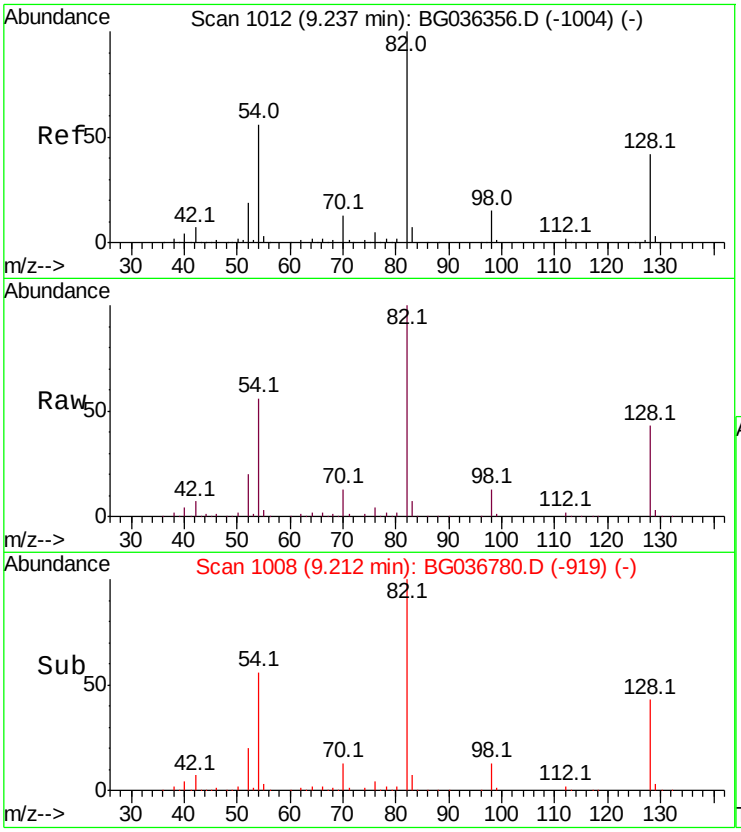


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Tgt Ion:136 Resp: 259287

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.7	9.2	13.8
68	6.1	5.8	8.6



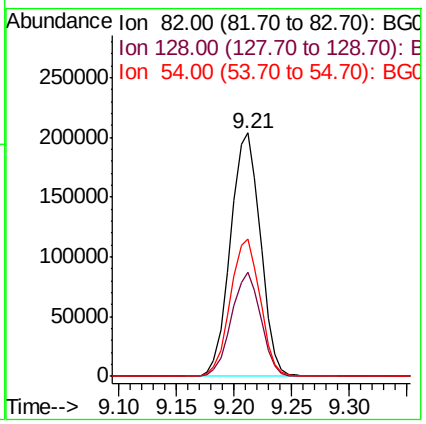


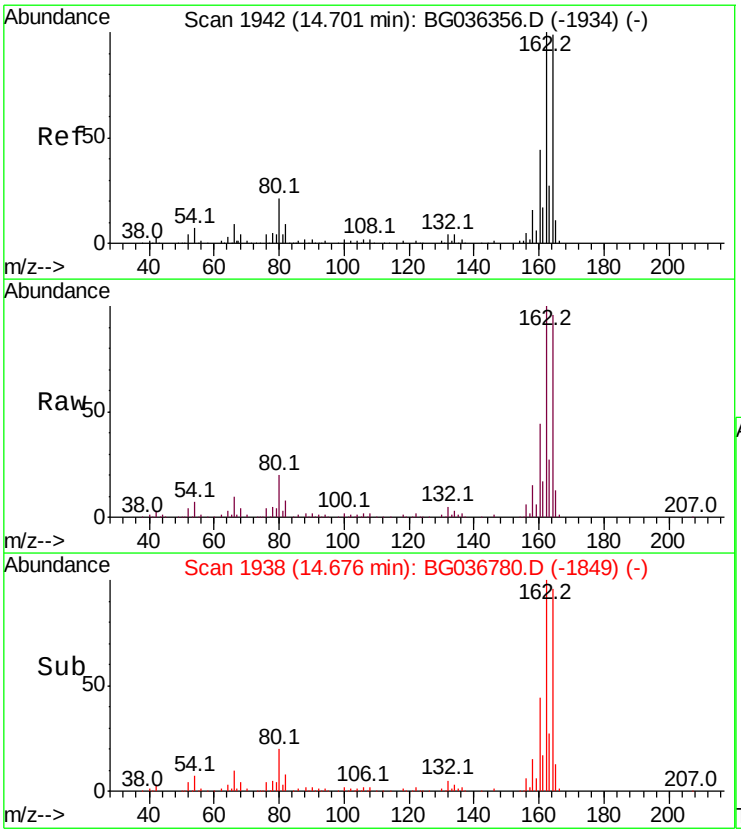
#23
Nitrobenzene-d5
Concen: 76.677 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Instrument :
BNA_G
ClientSampleId :
138-KV

Tgt Ion: 82 Resp: 366433

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.3	49.9
54	56.2	45.1	67.7

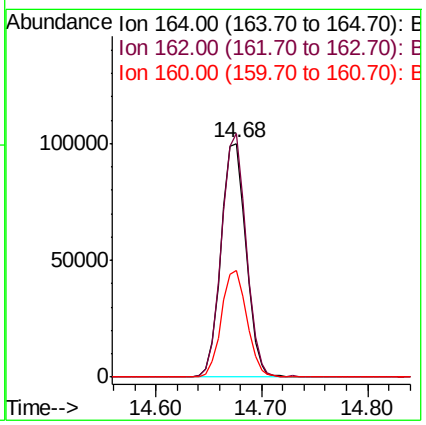


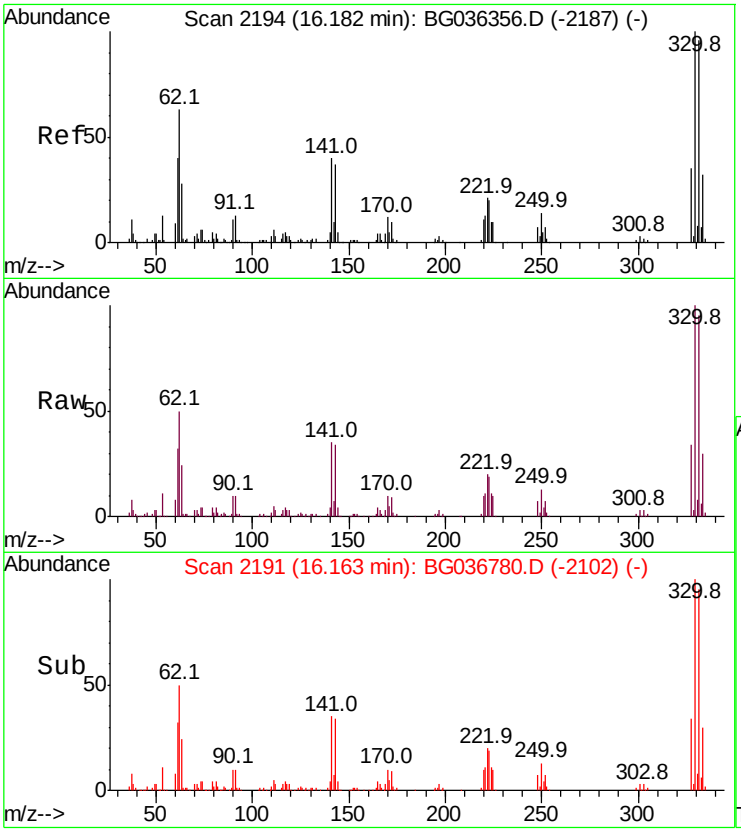


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Tgt Ion:164 Resp: 164556

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.7	121.1
160	45.5	35.3	52.9



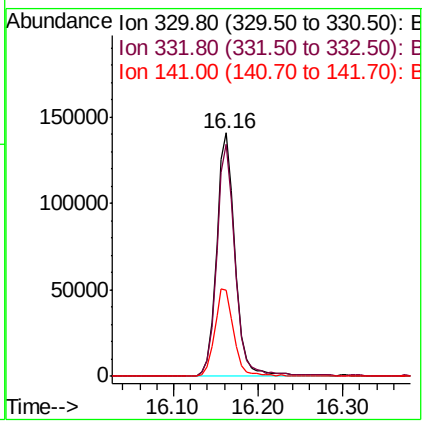


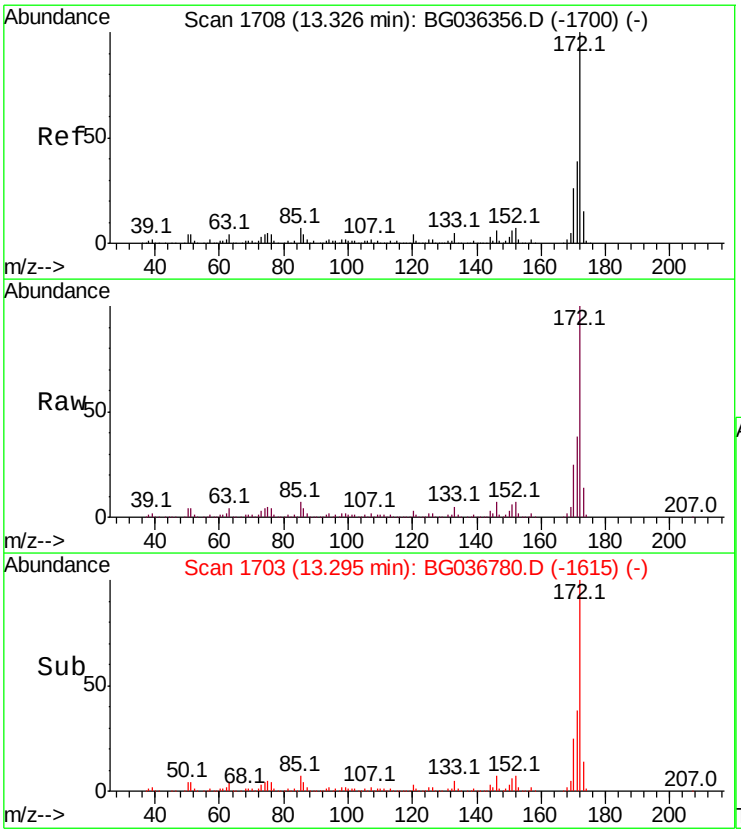
#41
2,4,6-Tribromophenol
Concen: 110.225 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Instrument :
BNA_G
ClientSampleId :
138-KV

Tgt Ion:330 Resp: 216430

Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.4	113.2
141	37.3	30.7	46.1

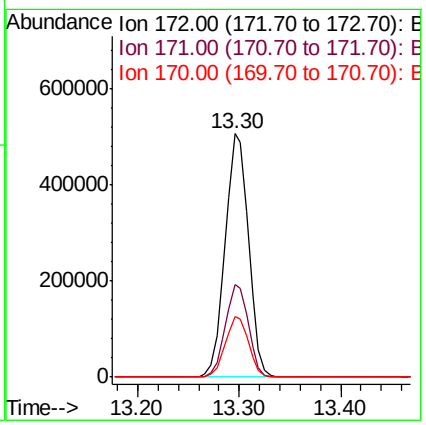


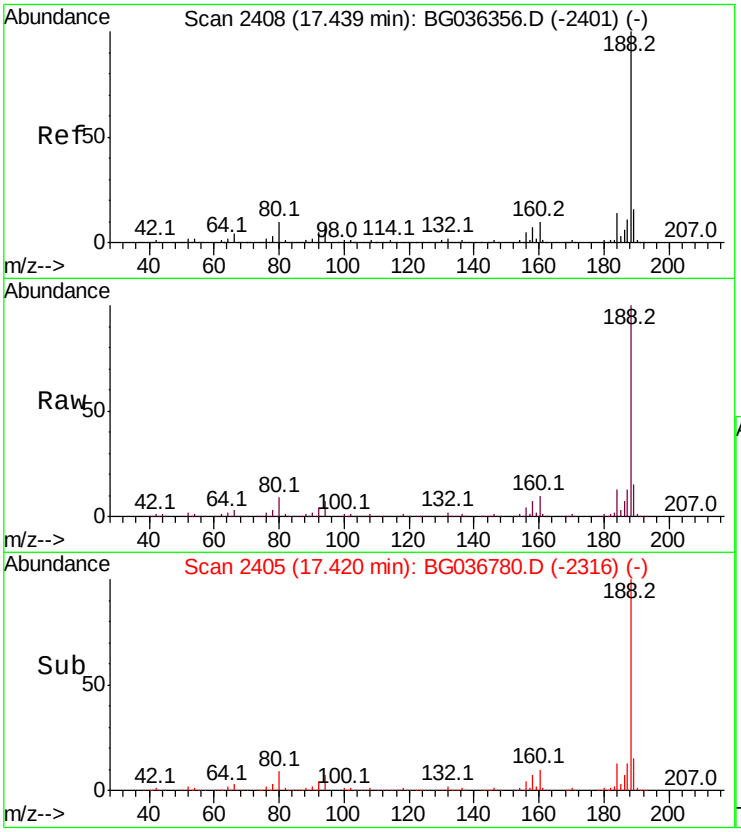


#44
2-Fluorobiphenyl
Concen: 70.174 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Tgt Ion:172 Resp: 808760

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	24.9	21.0	31.6



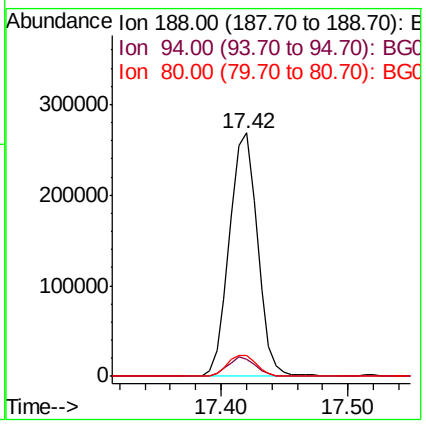


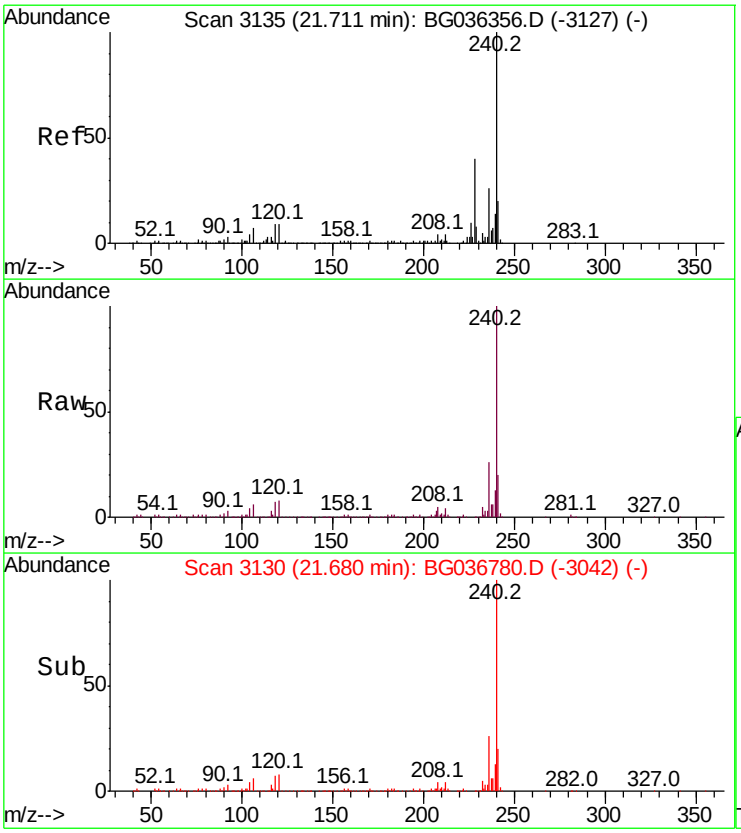
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Instrument :
BNA_G
ClientSampleId :
138-KV

Tgt Ion:188 Resp: 411530

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.7	10.1
80	8.7	8.1	12.1

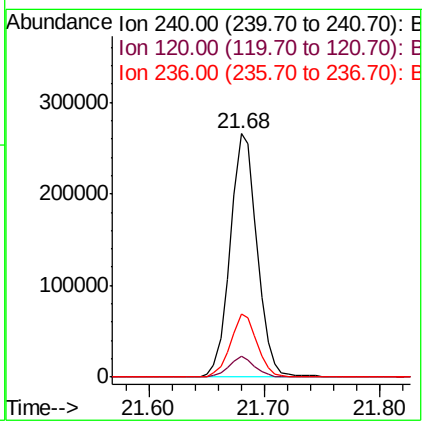


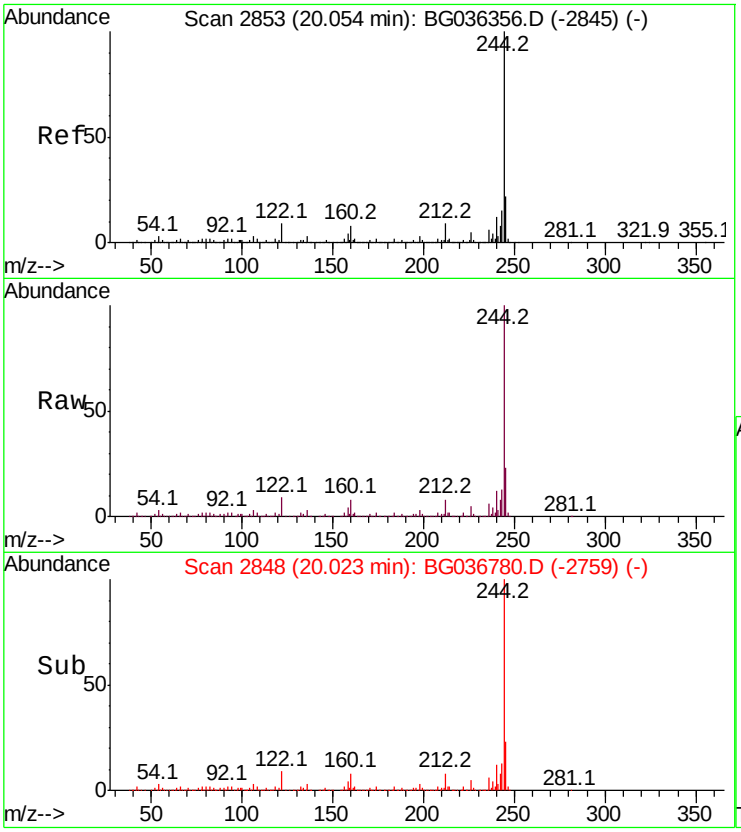


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Tgt Ion:240 Resp: 429200

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	25.8	21.2	31.8



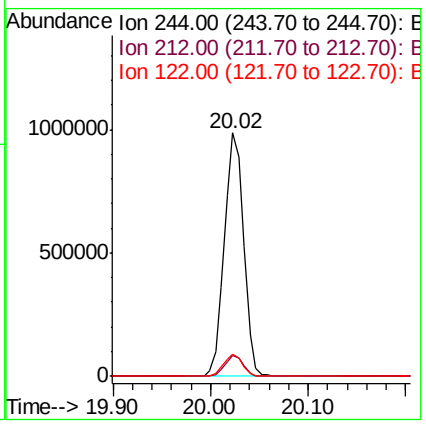


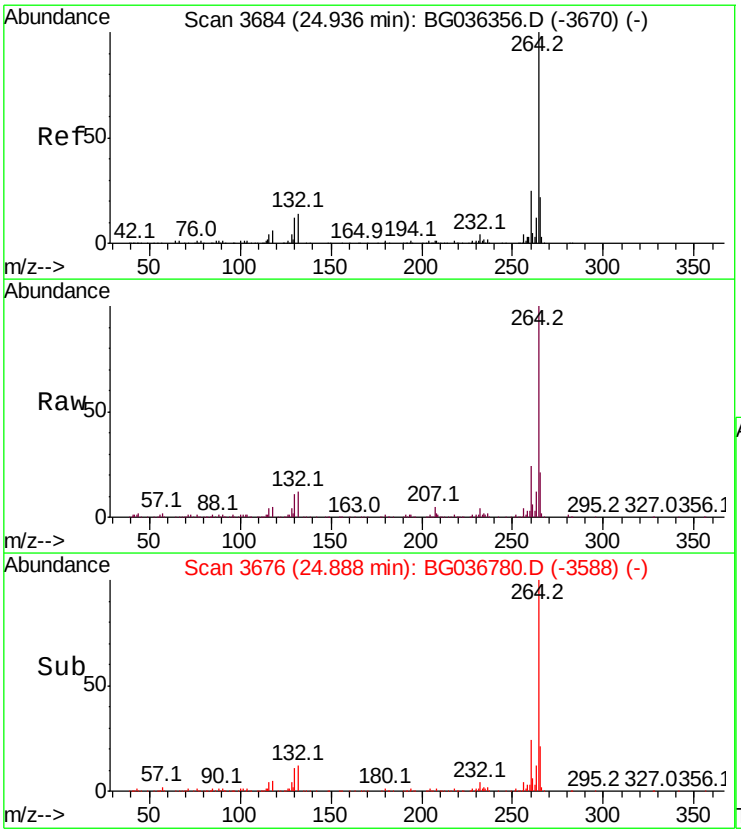
#78
Terphenyl-d14
Concen: 73.883 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Instrument :
BNA_G
ClientSampleId :
138-KV

Tgt Ion:244 Resp: 1356702

Ion	Ratio	Lower	Upper
244	100		
212	8.5	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: BG036780.D
Acq: 18 Sep 2018 9:17

Tgt Ion:264 Resp: 421468

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.3	17.4	26.0