Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036806.D
Acq On : 19 Sep 2018 4:55
Operator : JU/SJ
Sample : J4944-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB48377RT

Quant Time: Sep 19 07:37:08 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	51507	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	214303	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	138461	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	357413	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	382821	20.00	ng	-0.02
86) Perylene-d12	24.89	264	373373	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	352964	108.70	ng	0.00
7) Phenol-d6	7.21	99	453001	97.44	ng	-0.01
23) Nitrobenzene-d5	9.21	82	343053	86.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	226229	136.93	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	778342	80.26	ng	-0.02
78) Terphenyl-d14	20.03	244	1371653	83.75	ng	0.00
Target Compounds						Qvalue

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

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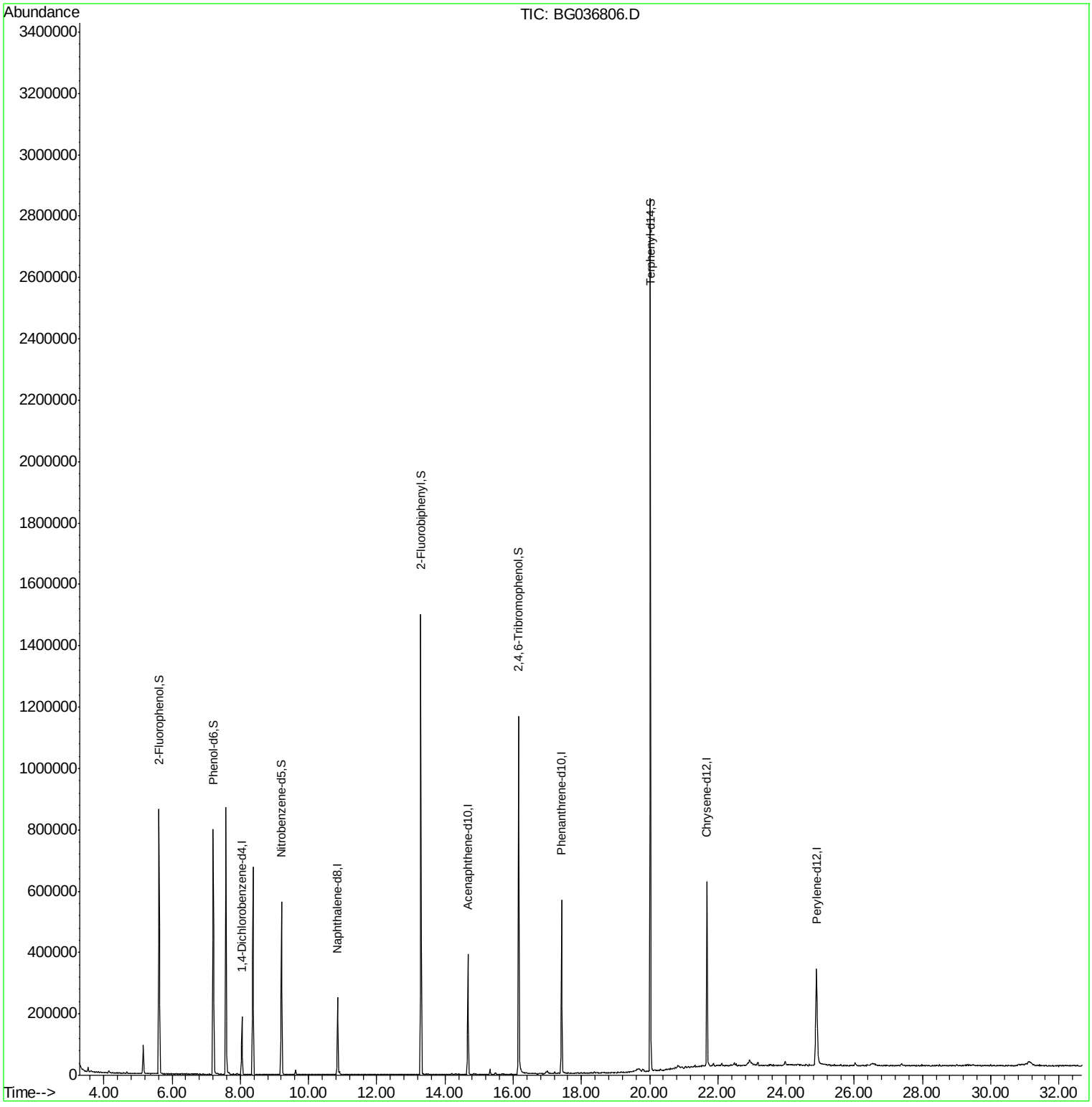
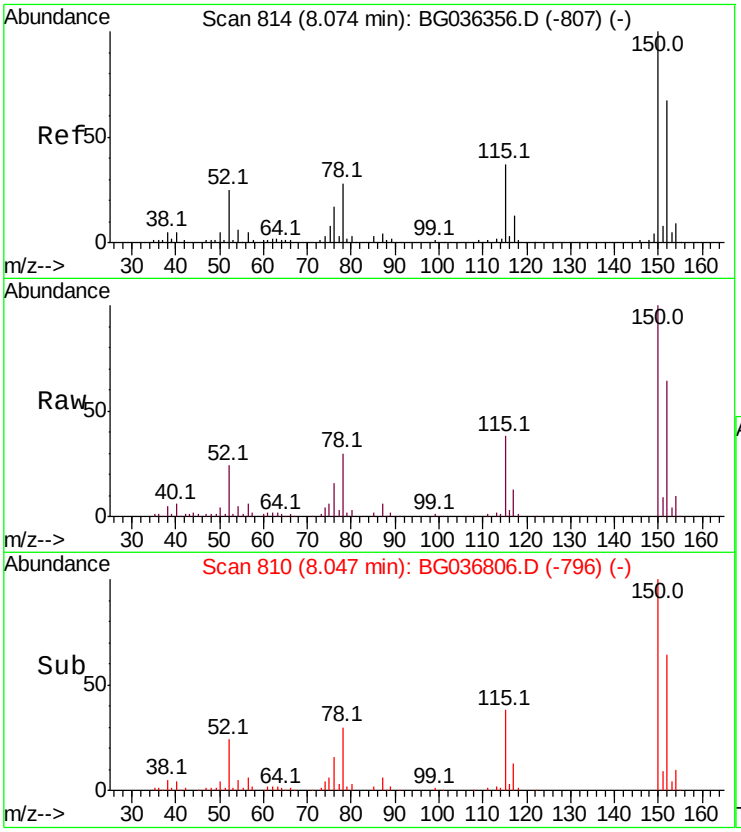


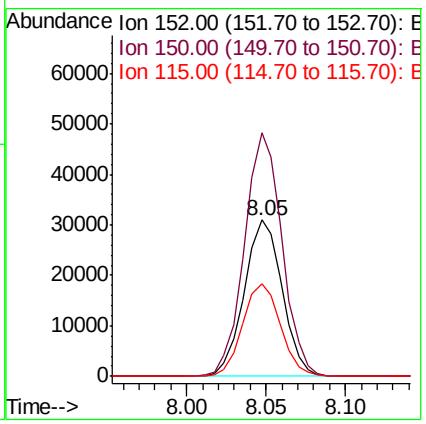


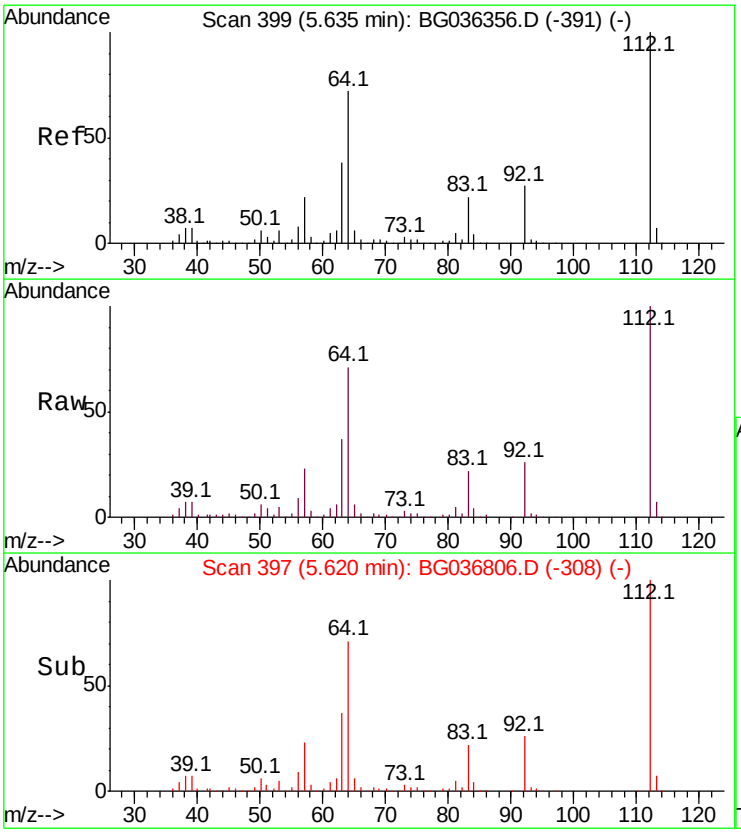
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Instrument :
BNA_G
ClientSampleId :
RB48377RT

Tgt Ion:152 Resp: 51507

Ion	Ratio	Lower	Upper
152	100		
150	155.6	119.5	179.3
115	59.2	44.5	66.7

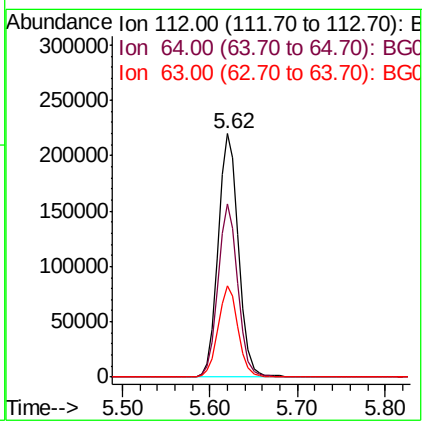


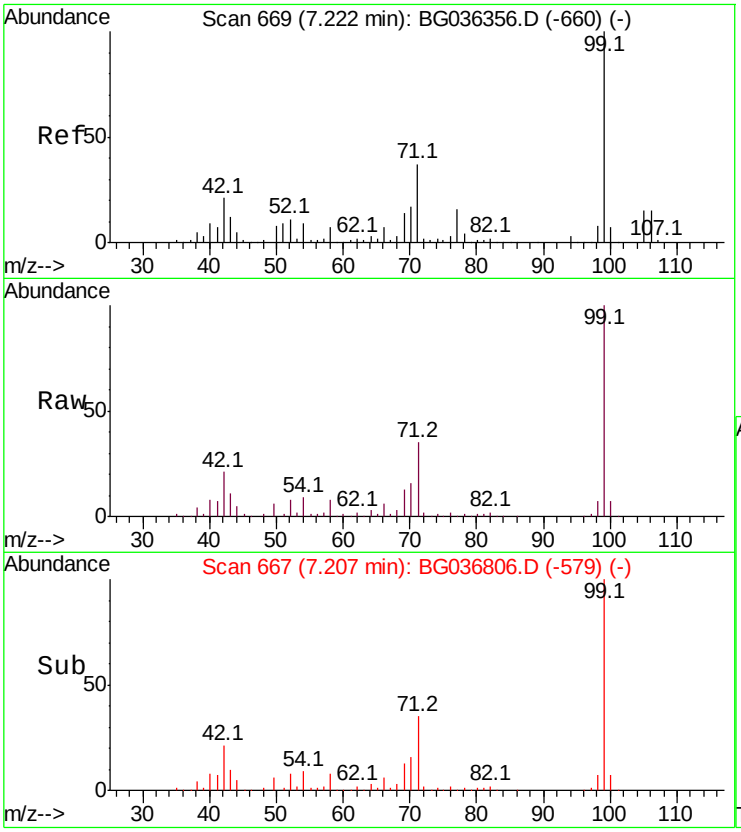


#5
2-Fluorophenol
Concen: 108.705 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Tgt Ion:112 Resp: 352964

Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.2	85.8
63	37.5	30.8	46.2



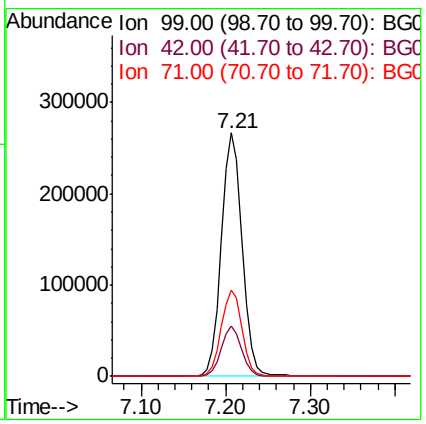


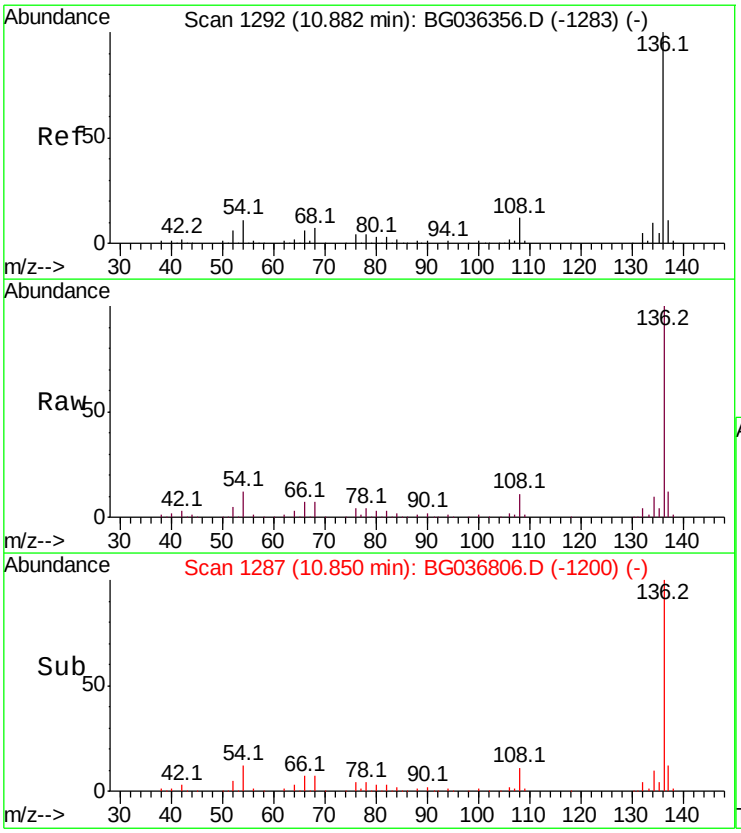
#7
Phenol-d6
Concen: 97.443 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Instrument :
BNA_G
ClientSampleId :
RB48377RT

Tgt Ion: 99 Resp: 453001

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.5	24.7
71	35.4	29.4	44.2

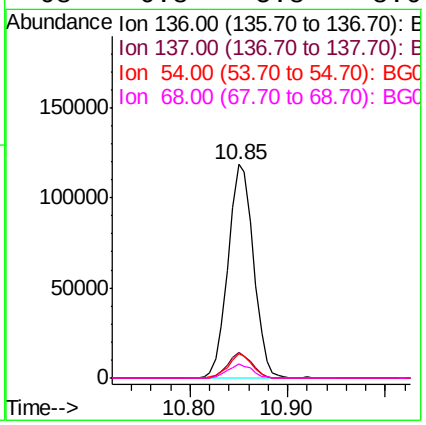


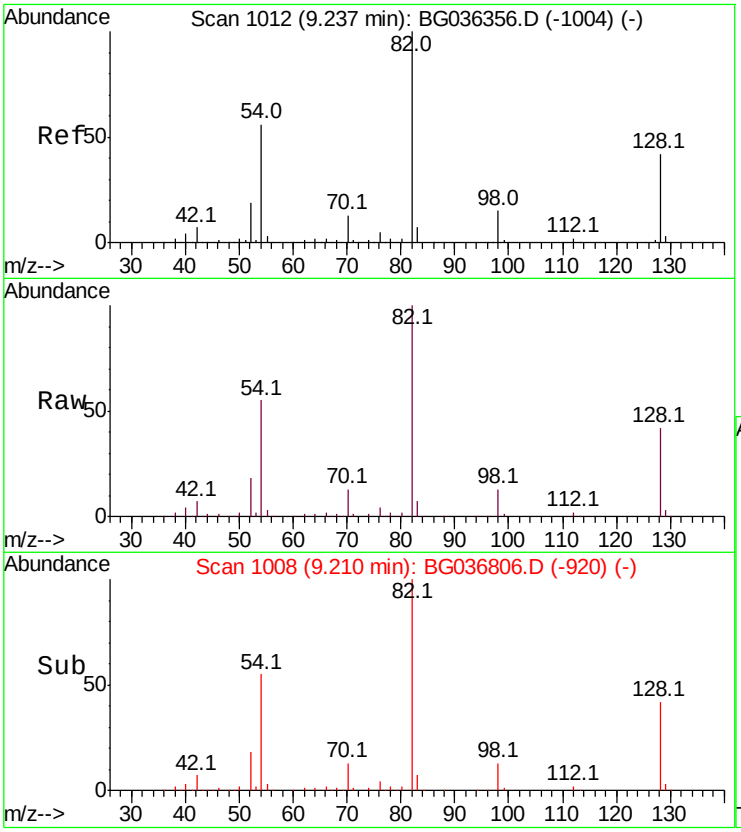


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Tgt Ion:136 Resp: 214303

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	11.5	9.2	13.8
68	6.8	5.8	8.6



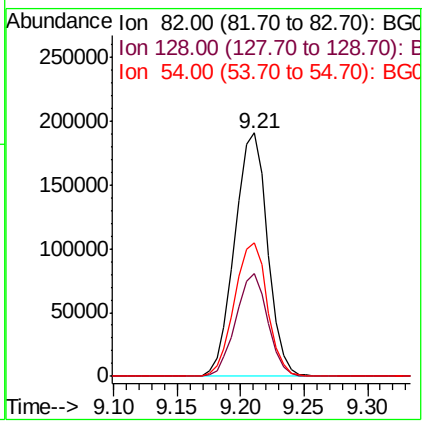


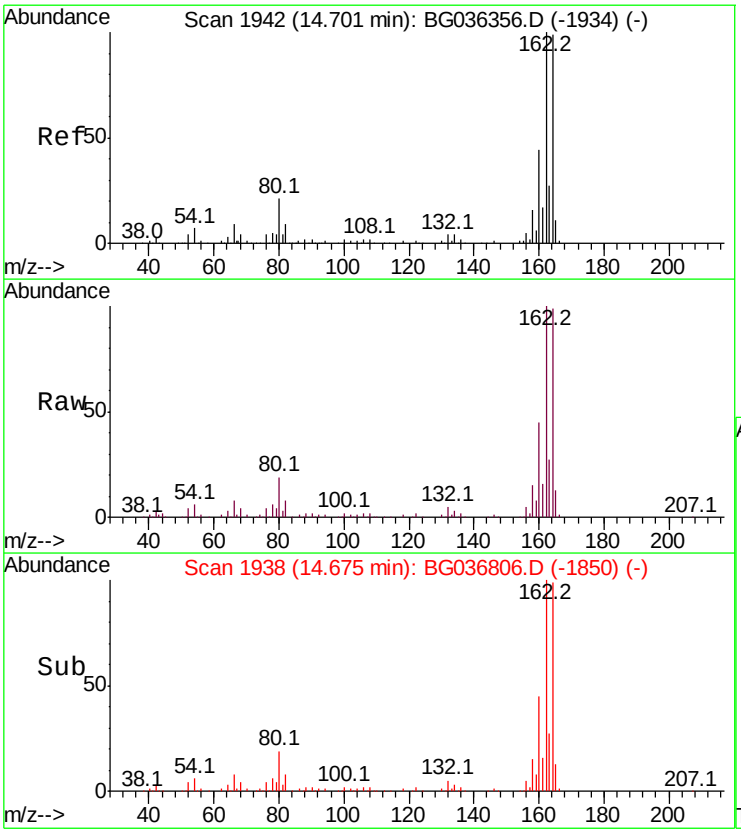
#23
Nitrobenzene-d5
Concen: 86.853 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Instrument :
BNA_G
ClientSampleId :
RB48377RT

Tgt Ion: 82 Resp: 343053

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	54.7	45.1	67.7

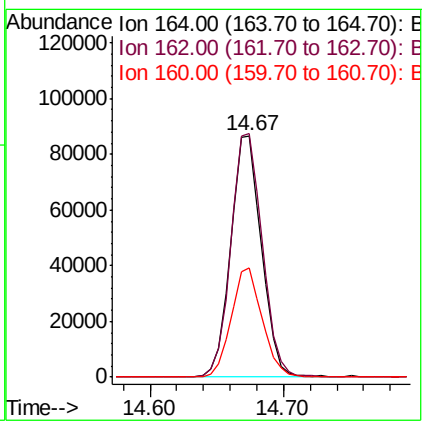


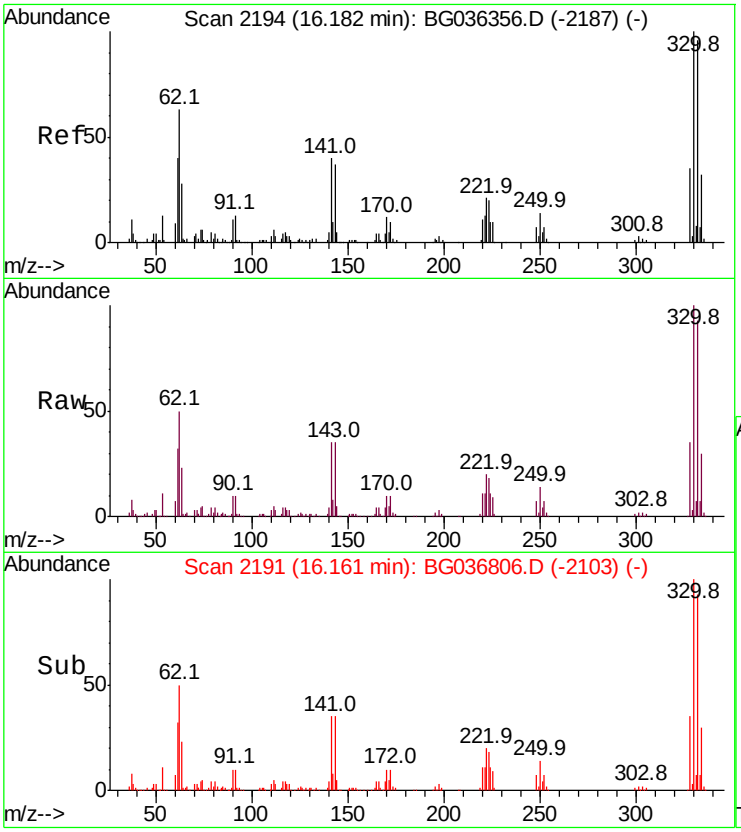


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Tgt Ion:164 Resp: 138461

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.7	121.1
160	45.0	35.3	52.9



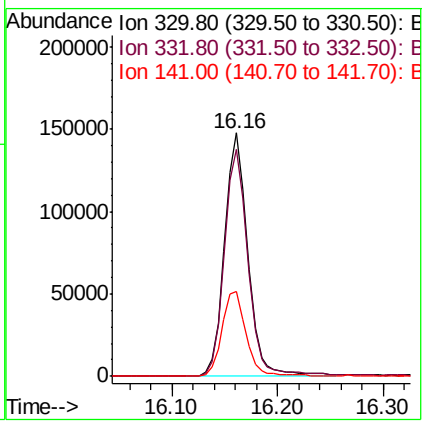


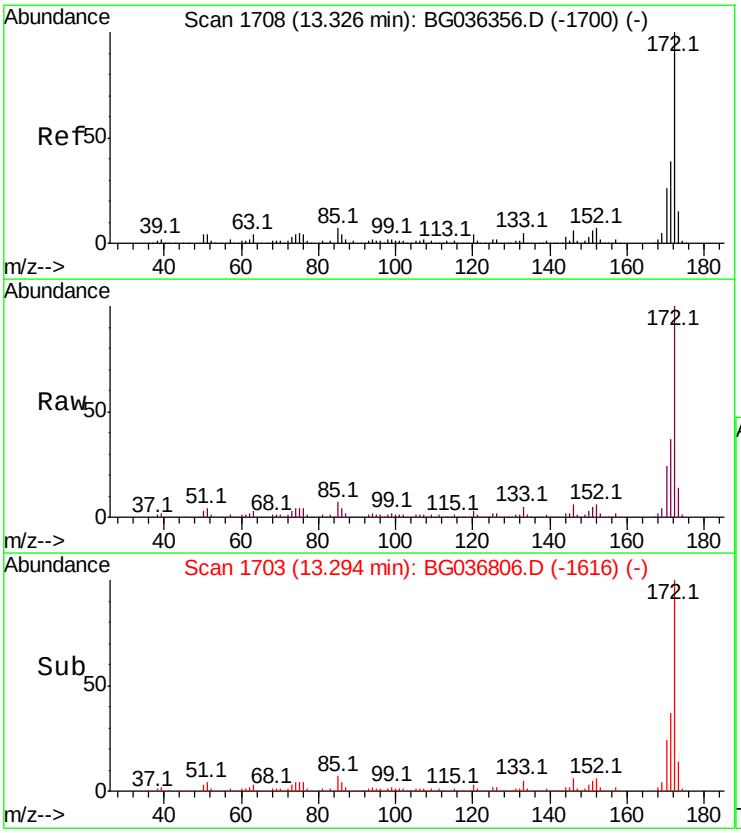
#41
2,4,6-Tribromophenol
Concen: 136.930 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Instrument :
BNA_G
ClientSampleId :
RB48377RT

Tgt Ion:330 Resp: 226229

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.2
141	36.4	30.7	46.1

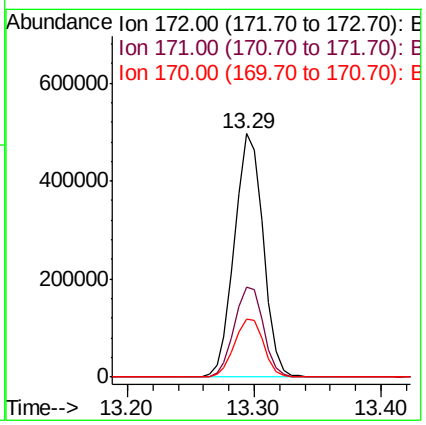


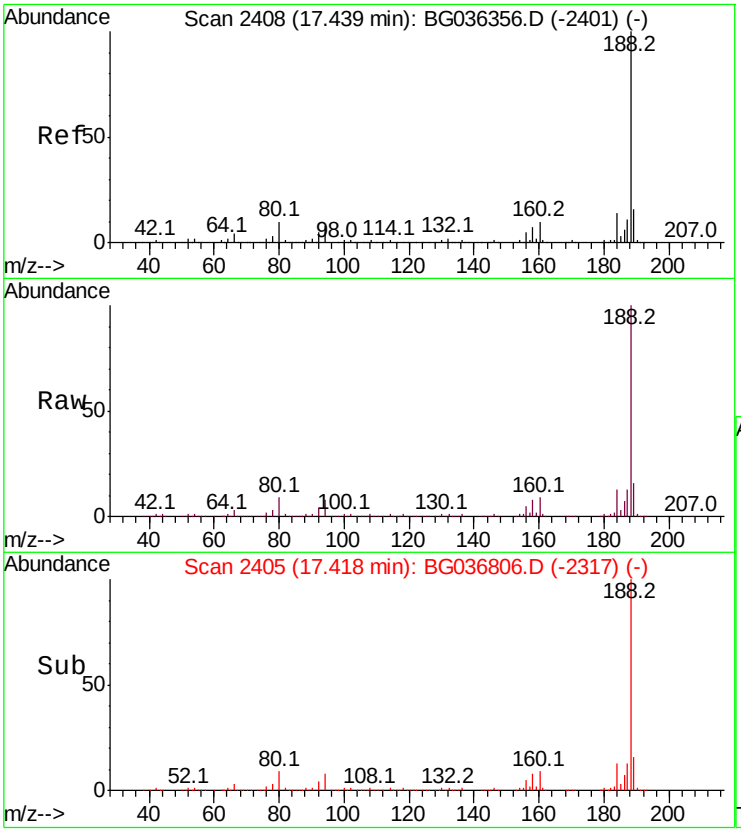


#44
2-Fluorobiphenyl
Concen: 80.263 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Tgt Ion:172 Resp: 778342

Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.3	46.9
170	24.0	21.0	31.6



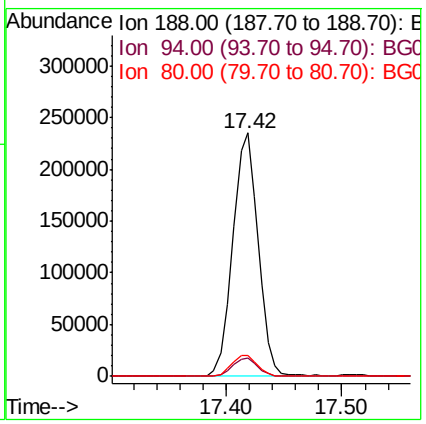


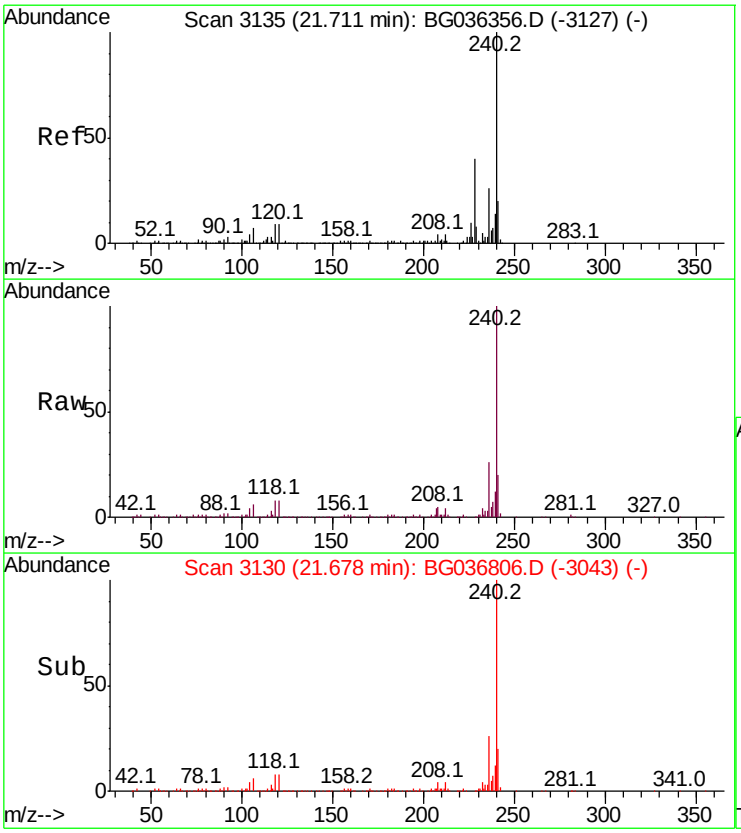
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Instrument :
BNA_G
ClientSampleId :
RB48377RT

Tgt Ion:188 Resp: 357413

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.8	8.1	12.1

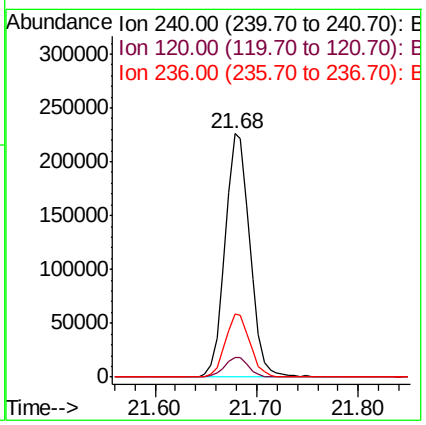


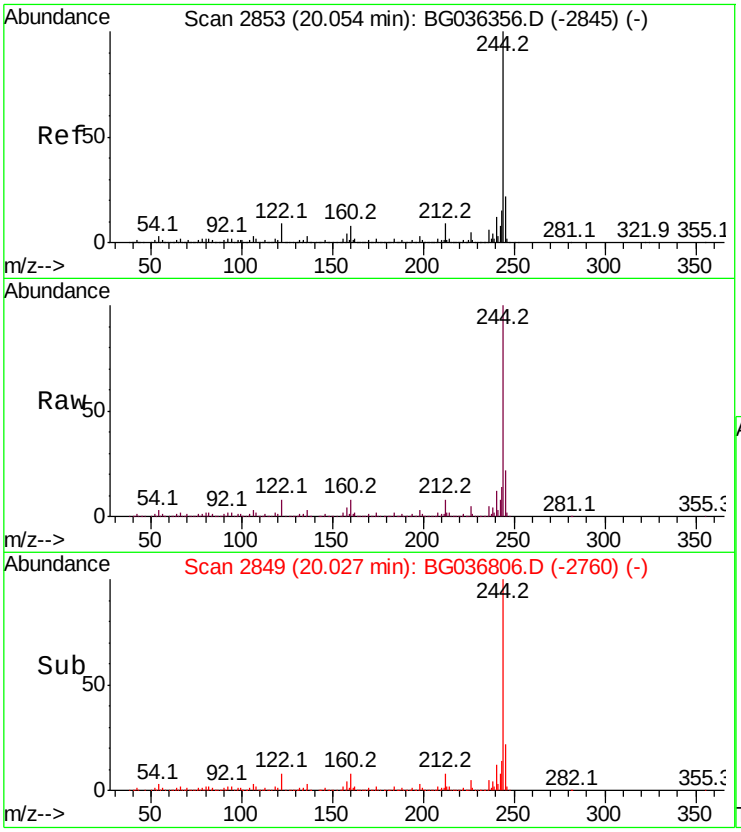


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Tgt Ion:240 Resp: 382821

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.9	10.3
236	25.7	21.2	31.8



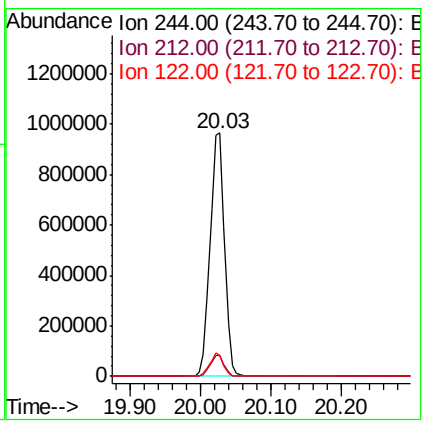


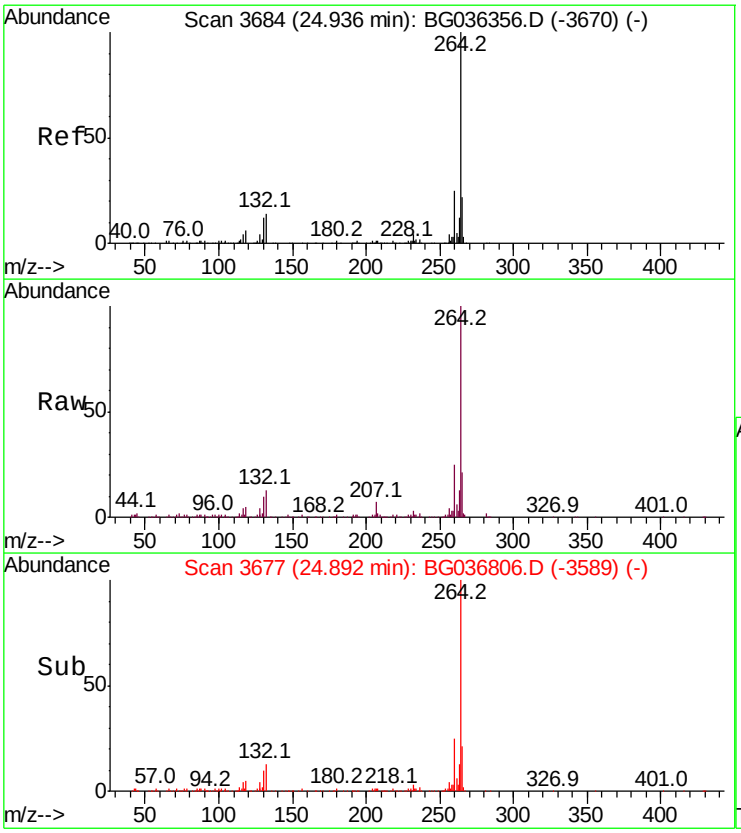
#78
Terphenyl-d14
Concen: 83.747 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Instrument :
BNA_G
ClientSampleId :
RB48377RT

Tgt Ion:244 Resp: 1371653

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.5	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Tgt Ion:264 Resp: 373373

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.1	17.4	26.0