Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036508.D
Acq On : 31 Aug 2018 16:31
Operator : JU/SJ
Sample : PB112500TB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112500TB

Quant Time: Aug 31 17:47:34 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	8.06	152	55495	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	222748	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	152670	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	419199	20.00	ng	0.00
75) Chrysene-d12	21.69	240	456768	20.00	ng	0.00
86) Perylene-d12	24.90	264	429378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	418645	119.67	ng	0.00
7) Phenol-d6	7.21	99	580448	115.88	ng	0.00
23) Nitrobenzene-d5	9.22	82	333910	81.33	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	214176	117.57	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	837211	78.30	ng	0.00
78) Terphenyl-d14	20.03	244	1543478	78.98	ng	0.00
Target Compounds						Qvalue

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

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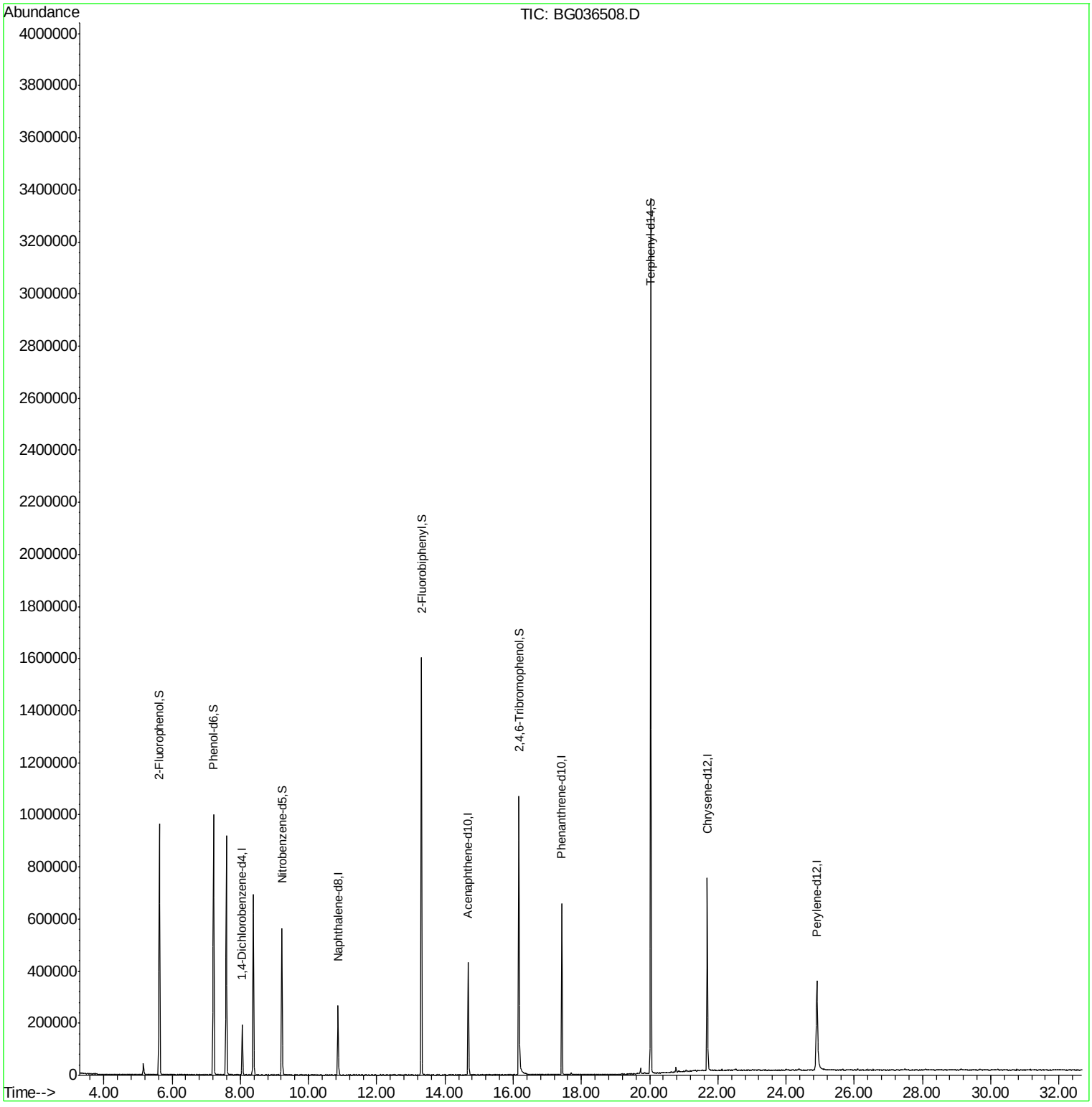
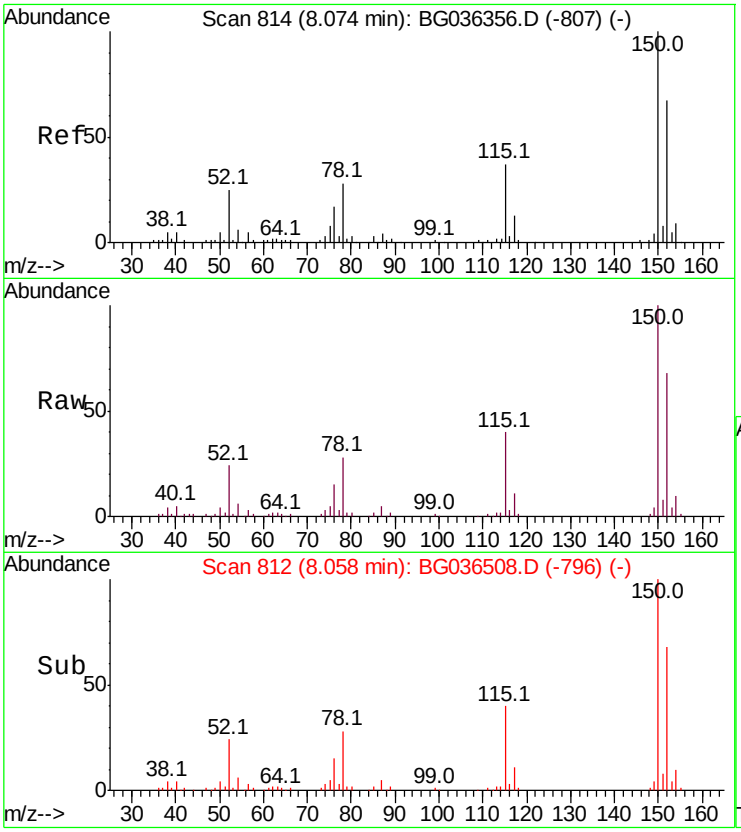


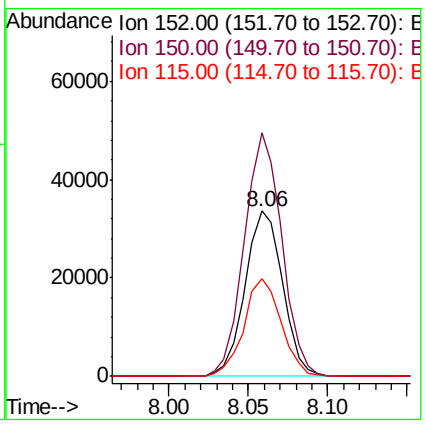


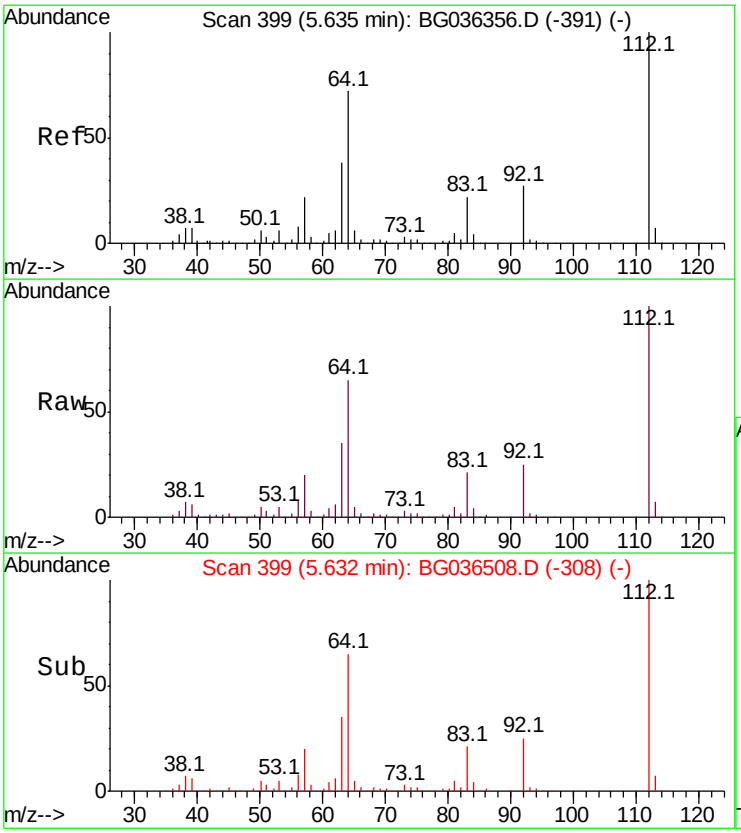
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036508.D
Acq: 31 Aug 2018 16:31

Instrument :
BNA_G
ClientSampleId :
PB112500TB

Tgt Ion:152 Resp: 55495

Ion	Ratio	Lower	Upper
152	100		
150	147.3	119.5	179.3
115	58.7	44.5	66.7

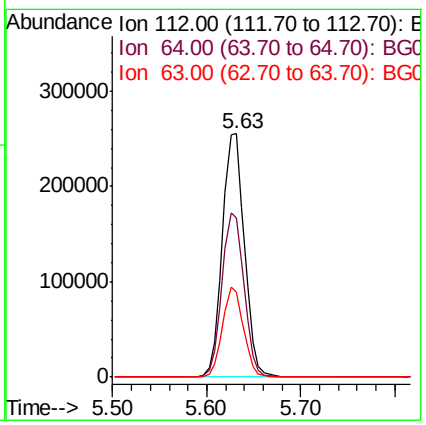


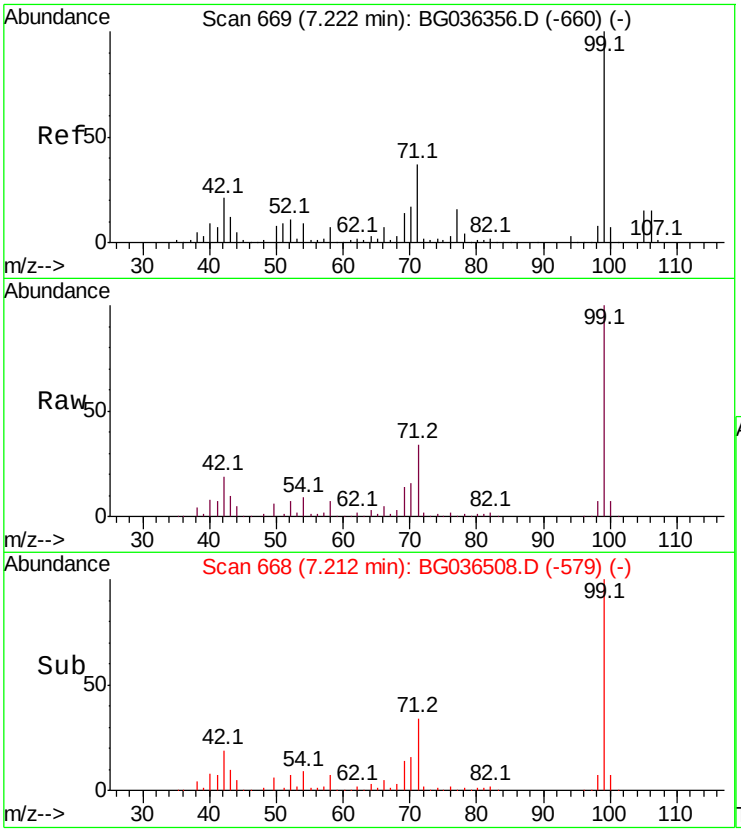


#5
2-Fluorophenol
Concen: 119.667 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.01 min
Lab File: BG036508.D
Acq: 31 Aug 2018 16:31

Tgt Ion:112 Resp: 418645

Ion	Ratio	Lower	Upper
112	100		
64	65.4	57.2	85.8
63	34.9	30.8	46.2



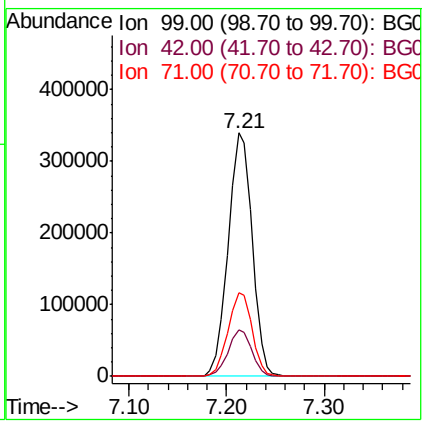


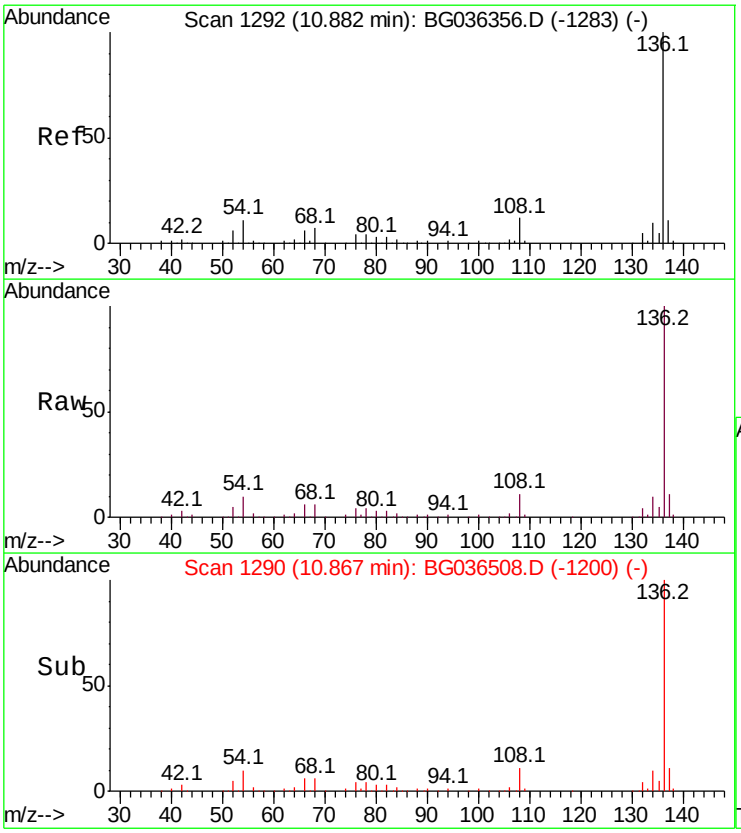
#7
Phenol-d6
Concen: 115.885 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG036508.D
Acq: 31 Aug 2018 16:31

Instrument :
BNA_G
ClientSampleId :
PB112500TB

Tgt Ion: 99 Resp: 580448

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.5	24.7
71	34.3	29.4	44.2

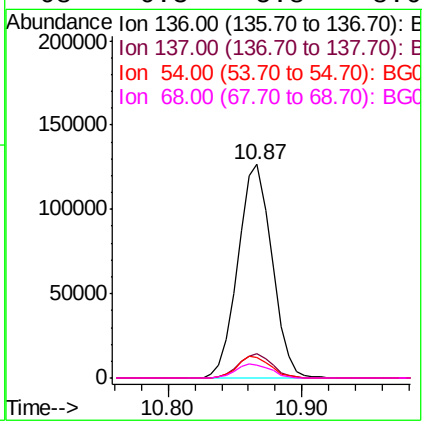


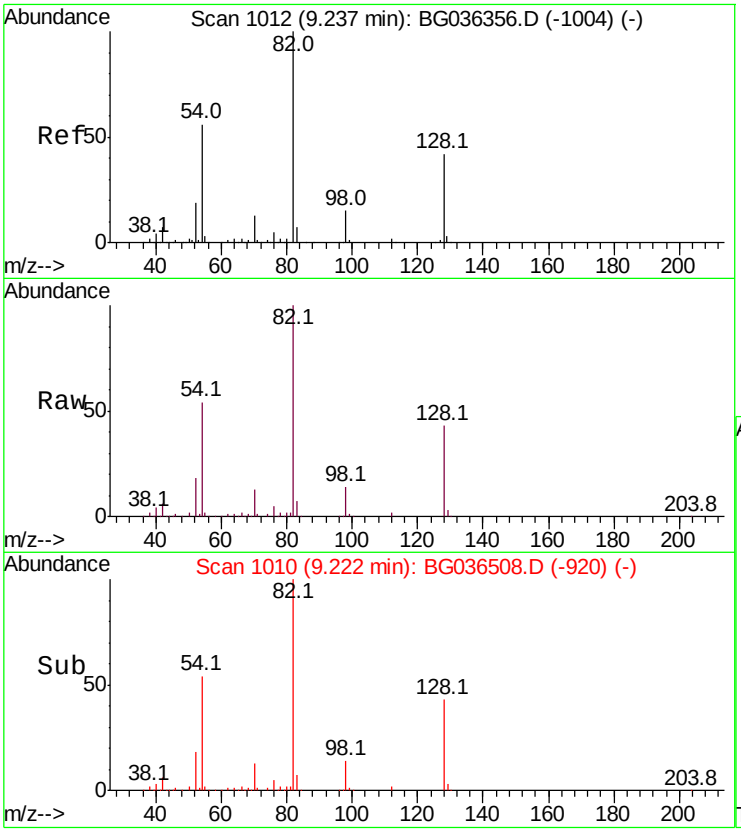


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036508.D
Acq: 31 Aug 2018 16:31

Tgt Ion:136 Resp: 222748

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.8	9.2	13.8
68	6.3	5.8	8.6



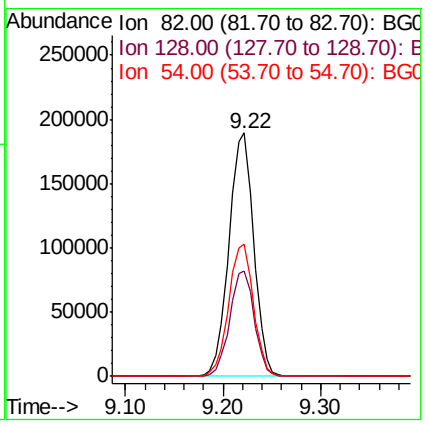


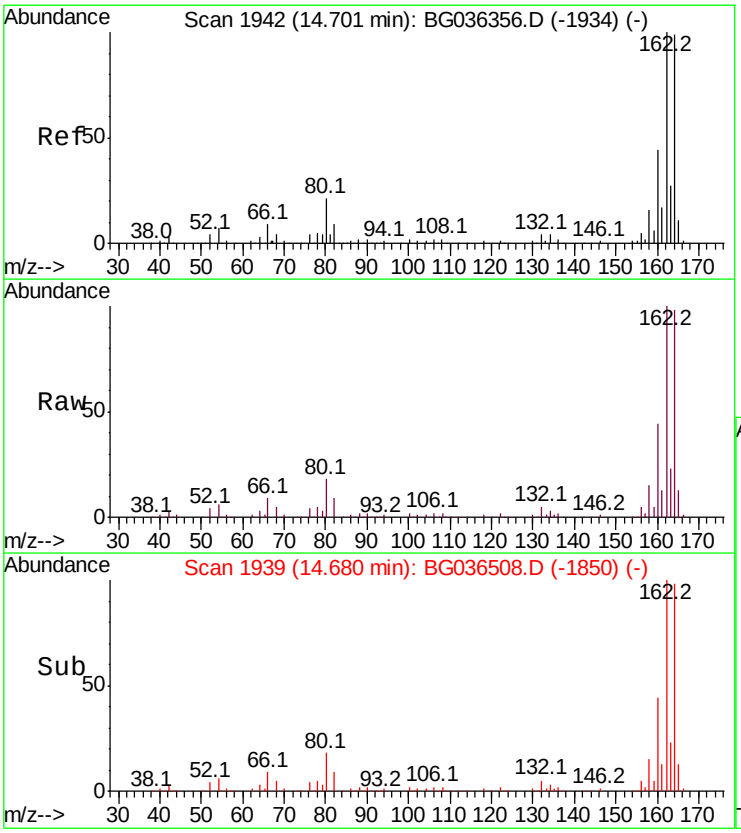
#23
Nitrobenzene-d5
Concen: 81.333 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036508.D
Acq: 31 Aug 2018 16:31

Instrument :
BNA_G
ClientSampleId :
PB112500TB

Tgt Ion: 82 Resp: 333910

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.3	49.9
54	54.3	45.1	67.7

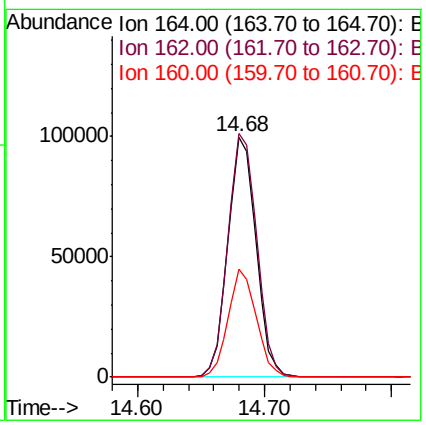


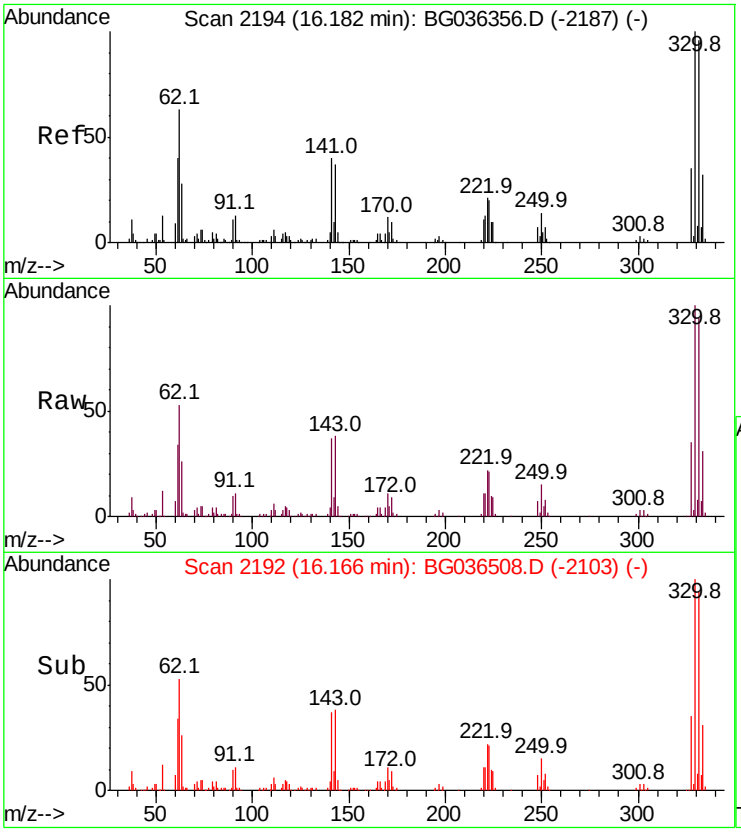


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036508.D
Acq: 31 Aug 2018 16:31

Tgt Ion:164 Resp: 152670

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	45.2	35.3	52.9



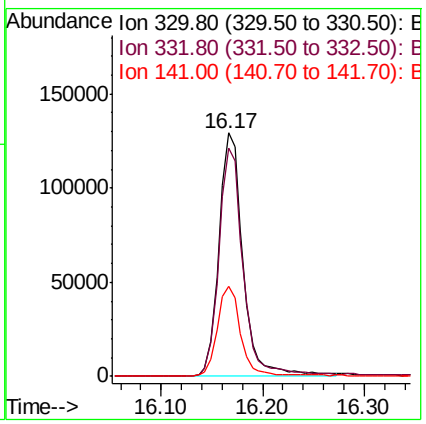


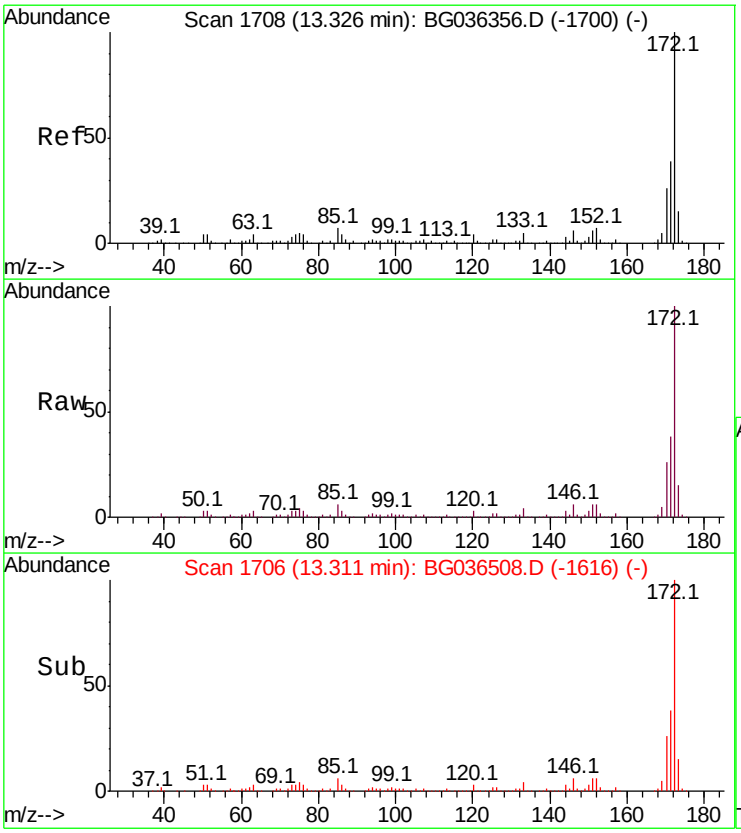
#41
2,4,6-Tribromophenol
Concen: 117.570 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG036508.D
Acq: 31 Aug 2018 16:31

Instrument :
BNA_G
ClientSampleId :
PB112500TB

Tgt Ion:330 Resp: 214176

Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.4	113.2
141	36.4	30.7	46.1

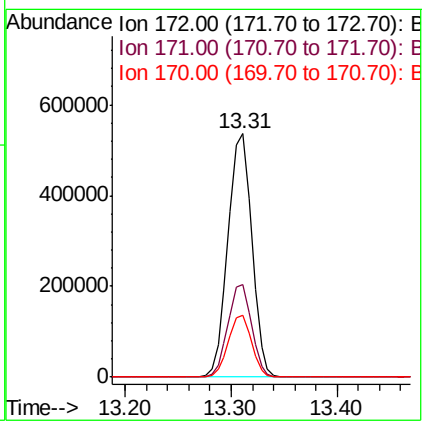


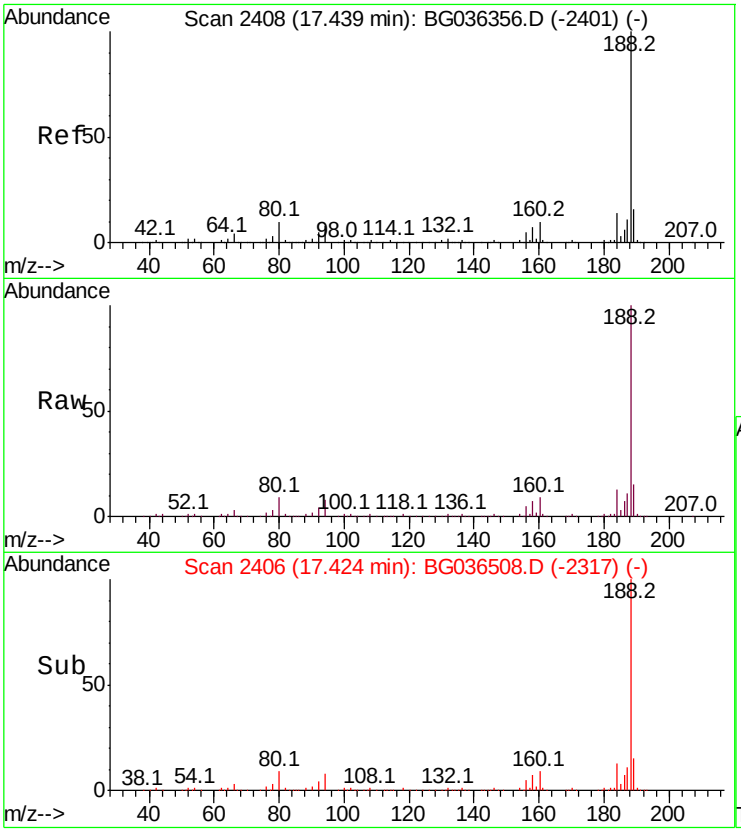


#44
2-Fluorobiphenyl
Concen: 78.299 ng
RT: 13.31 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BG036508.D
Acq: 31 Aug 2018 16:31

Tgt Ion:172 Resp: 837211

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.6	21.0	31.6



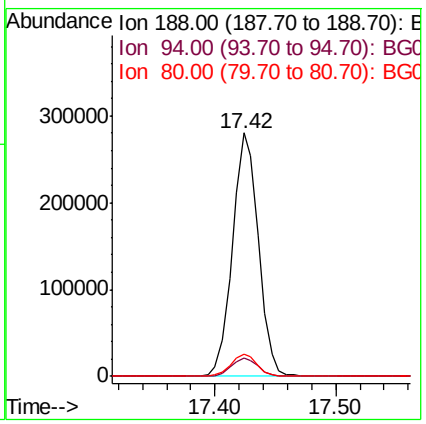


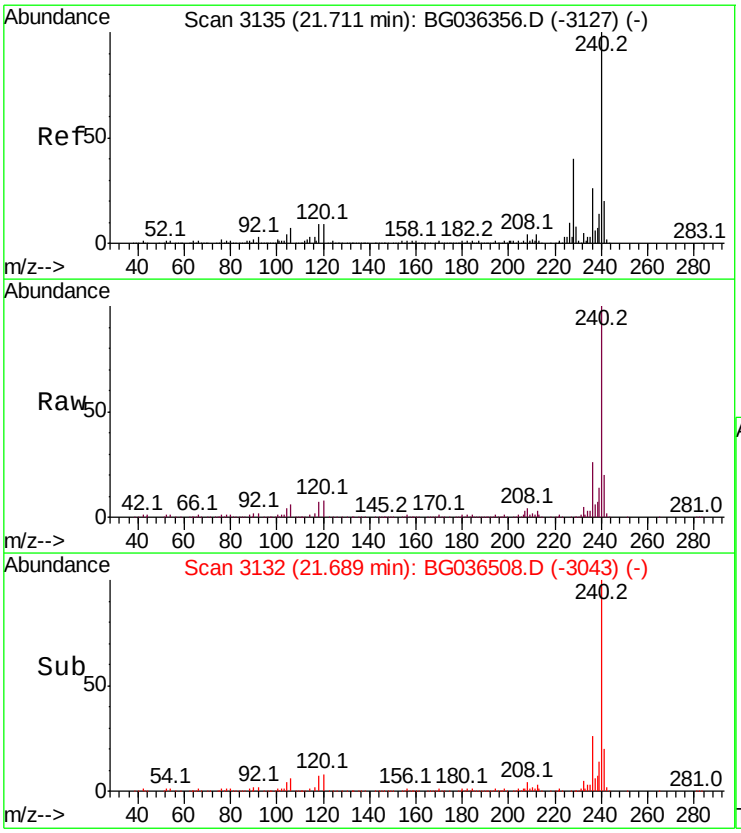
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036508.D
Acq: 31 Aug 2018 16:31

Instrument :
BNA_G
ClientSampleId :
PB112500TB

Tgt Ion:188 Resp: 419199

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.1	8.1	12.1

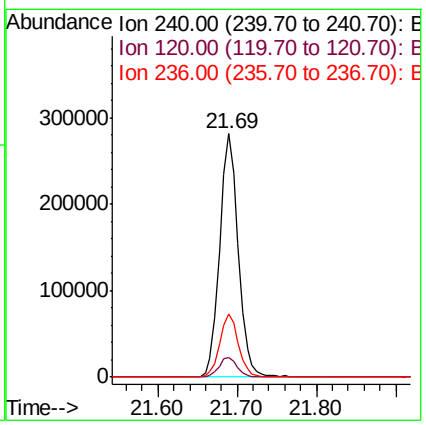


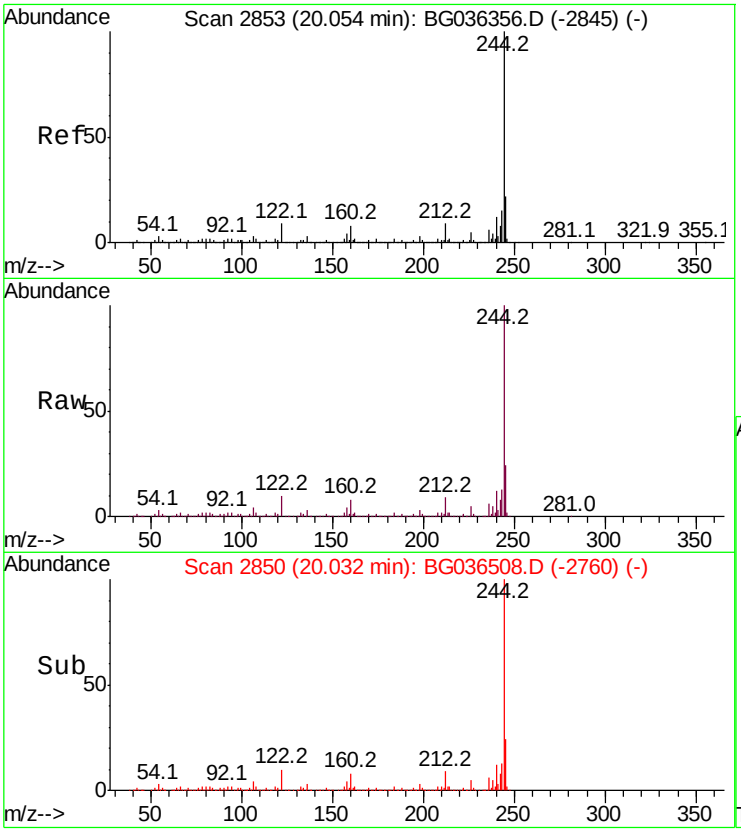


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036508.D
Acq: 31 Aug 2018 16:31

Tgt Ion:240 Resp: 456768

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.9	10.3
236	26.2	21.2	31.8



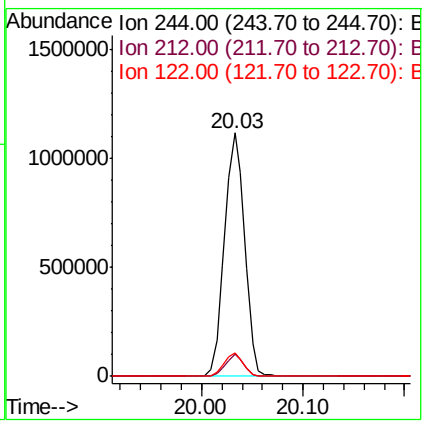


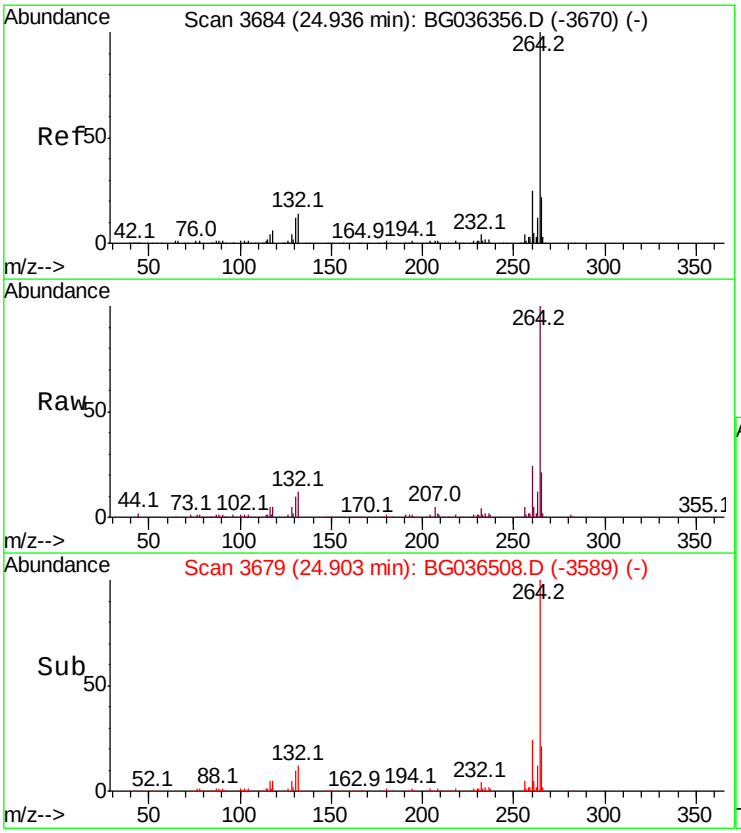
#78
Terphenyl-d14
Concen: 78.982 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036508.D
Acq: 31 Aug 2018 16:31

Instrument :
BNA_G
ClientSampleId :
PB112500TB

Tgt Ion:244 Resp: 1543478

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.6	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036508.D
Acq: 31 Aug 2018 16:31

Tgt Ion:264 Resp: 429378

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.5	17.4	26.0