Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
Data File : BG036457.D
Acq On : 28 Aug 2018 8:59
Operator : JU/SJ
Sample : PB112355BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112355BL

Quant Time: Aug 28 11:47:20 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	62426	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	262092	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	173276	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	449589	20.00	ng	0.00
75) Chrysene-d12	21.70	240	491845	20.00	ng	-0.01
86) Perylene-d12	24.91	264	493592	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	498281	126.62	ng	0.00
7) Phenol-d6	7.22	99	704242	124.99	ng	0.00
23) Nitrobenzene-d5	9.22	82	400912	82.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	285336	138.01	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	983976	81.08	ng	-0.01
78) Terphenyl-d14	20.04	244	1707660	81.15	ng	-0.01
Target Compounds						Qvalue

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

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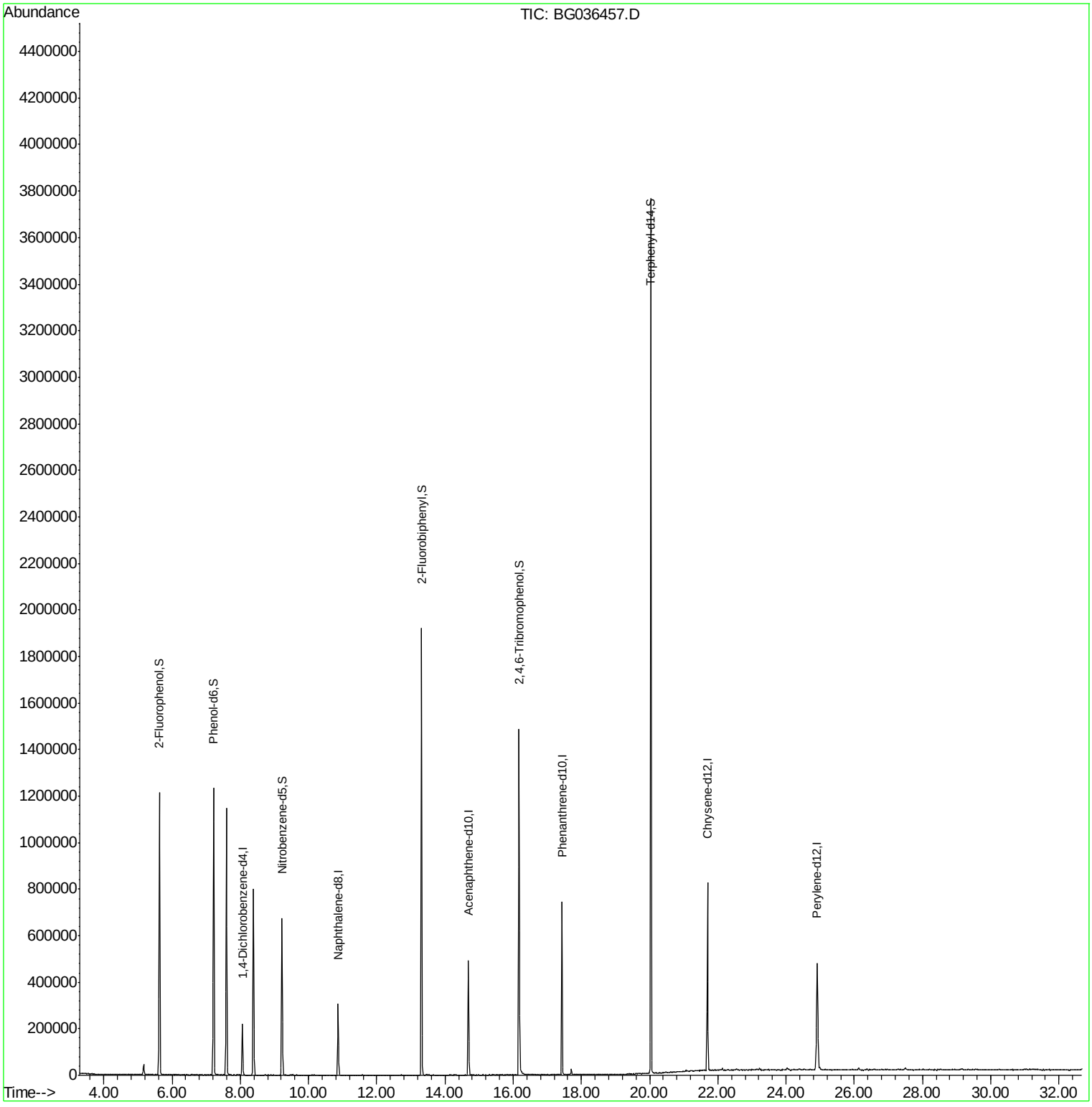
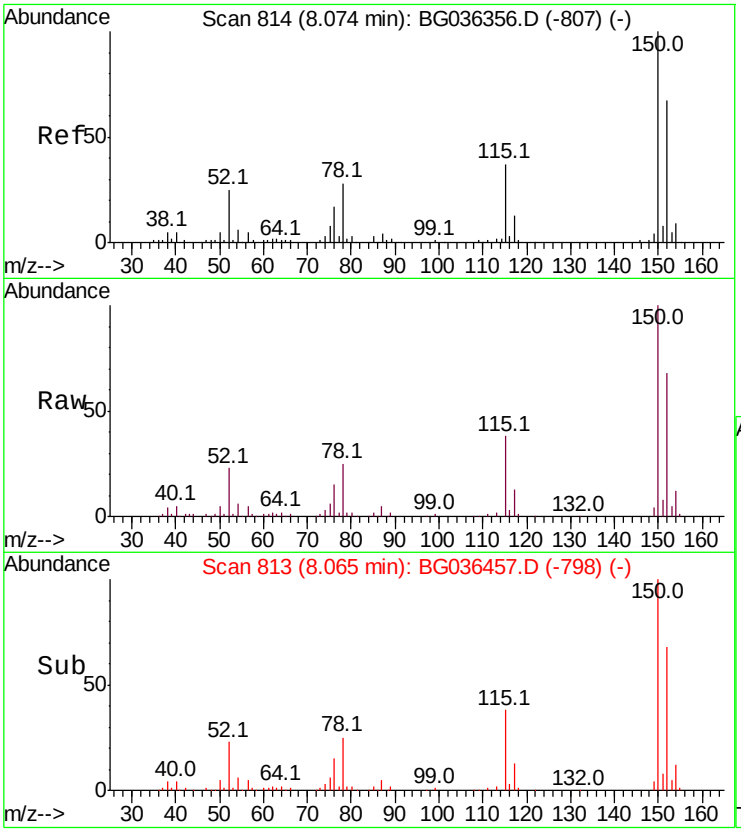


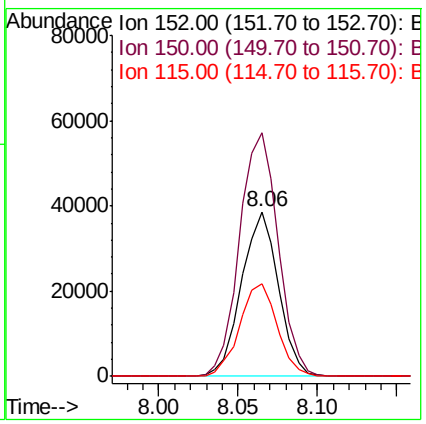


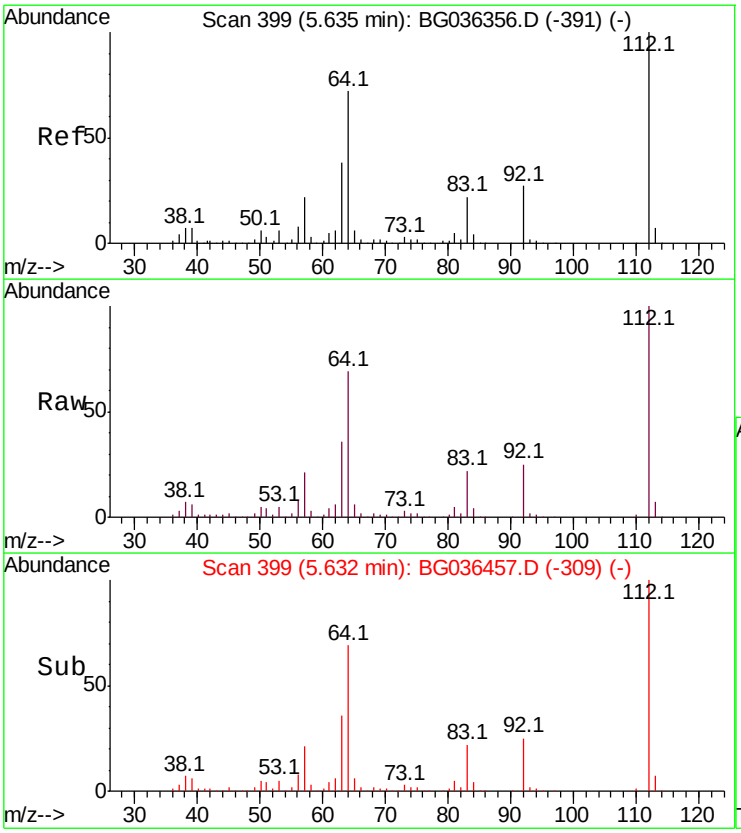
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB112355BL

Tgt Ion:152 Resp: 62426

Ion	Ratio	Lower	Upper
152	100		
150	147.7	119.5	179.3
115	56.2	44.5	66.7

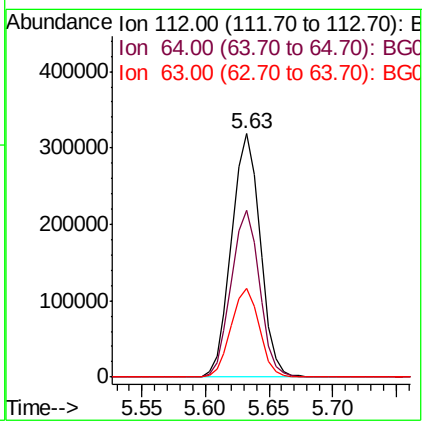


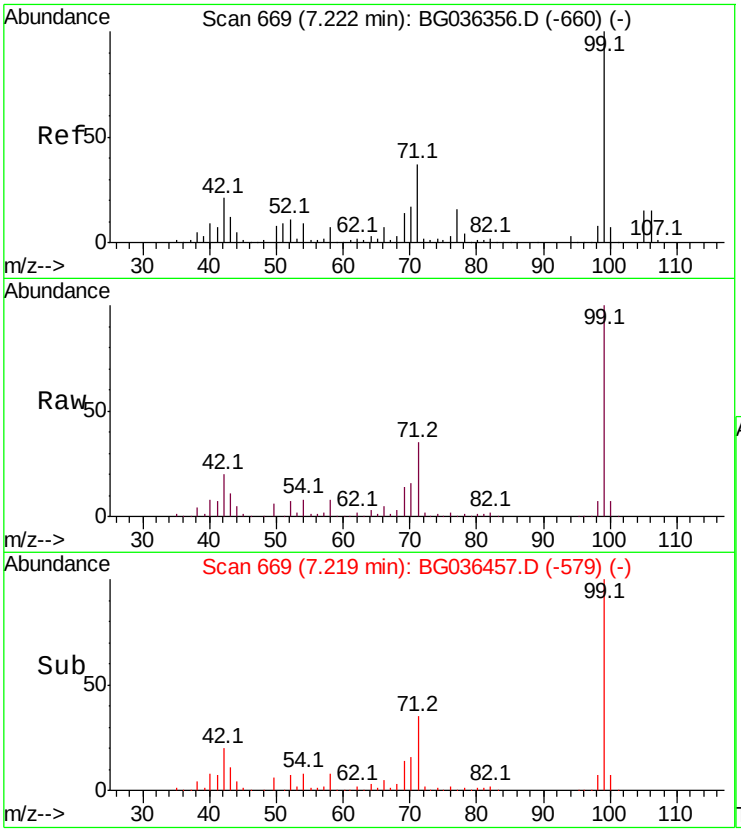


#5
2-Fluorophenol
Concen: 126.617 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Tgt Ion:112 Resp: 498281

Ion	Ratio	Lower	Upper
112	100		
64	68.5	57.2	85.8
63	36.3	30.8	46.2



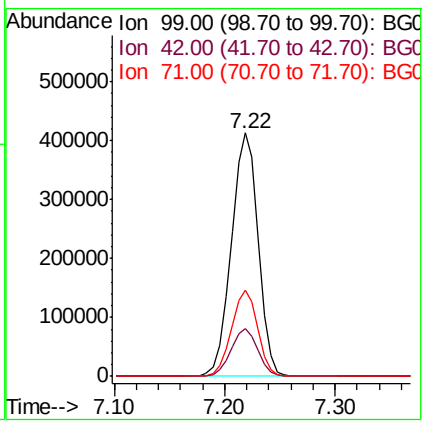


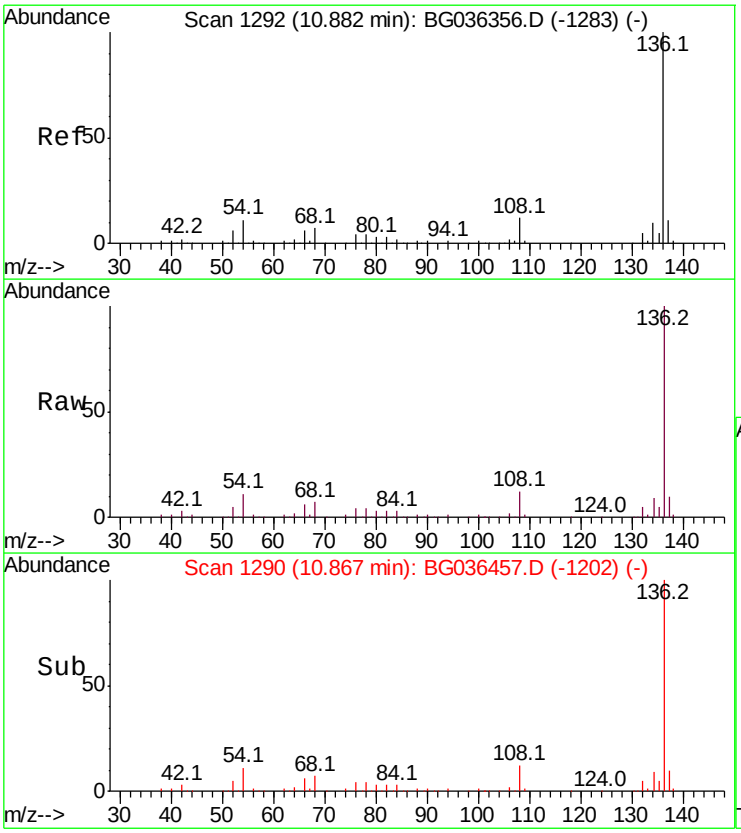
#7
Phenol-d6
Concen: 124.989 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB112355BL

Tgt Ion: 99 Resp: 704242

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.5	24.7
71	35.4	29.4	44.2

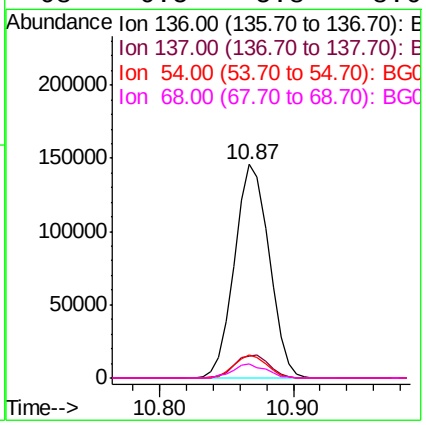


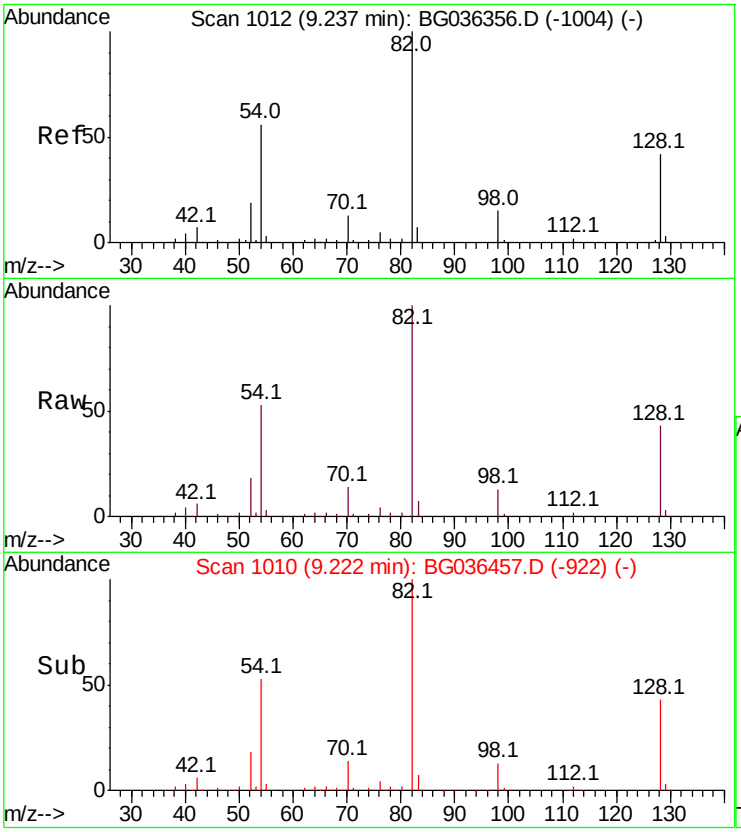


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Tgt Ion:136 Resp: 262092

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.8	13.2
54	10.6	9.2	13.8
68	6.5	5.8	8.6



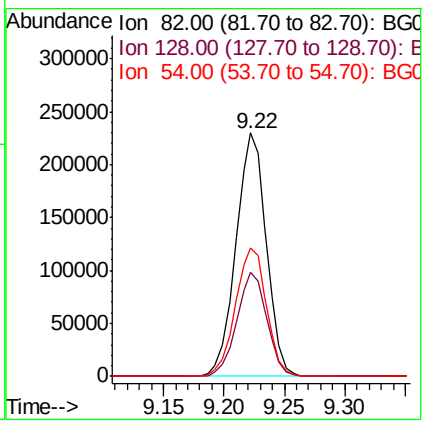


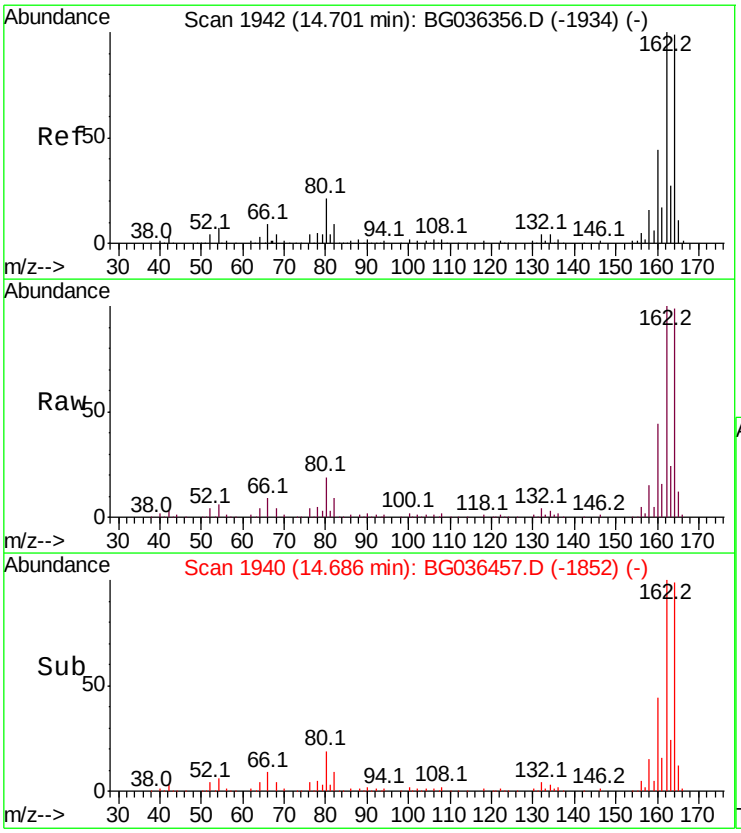
#23
Nitrobenzene-d5
Concen: 82.994 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB112355BL

Tgt Ion: 82 Resp: 400912

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	52.7	45.1	67.7

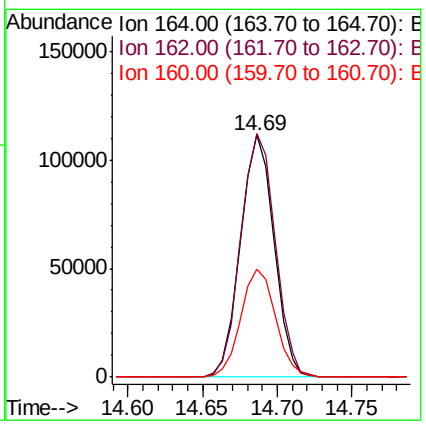


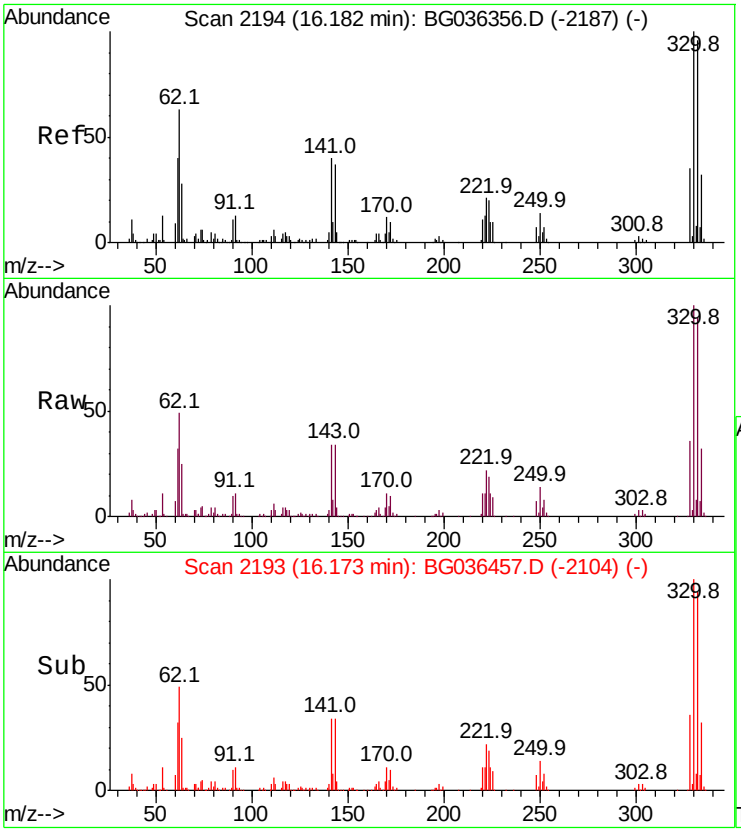


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Tgt Ion:164 Resp: 173276

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.7	121.1
160	44.7	35.3	52.9



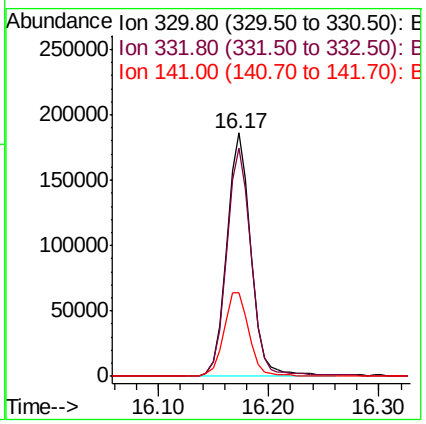


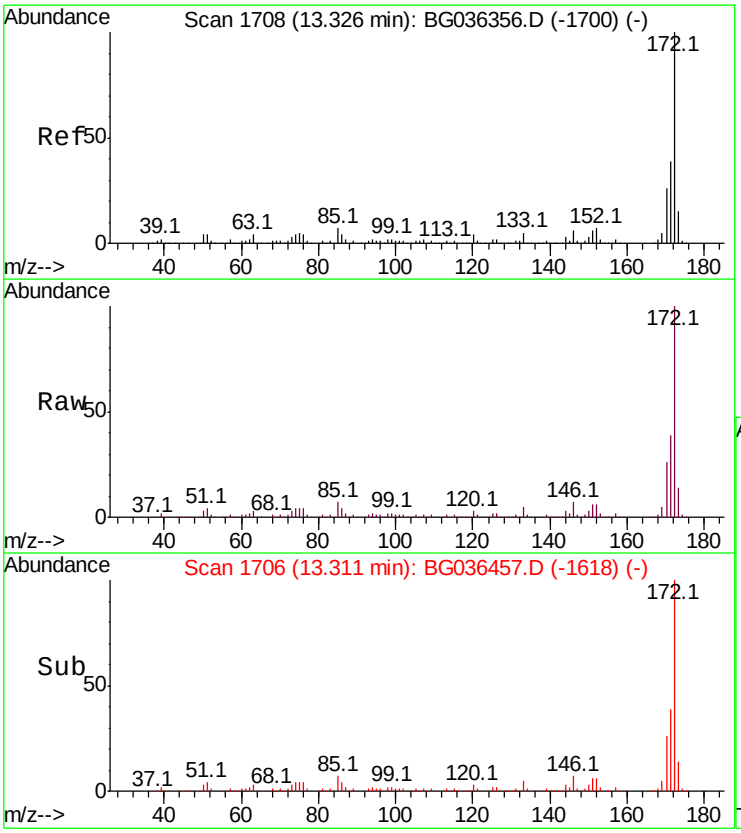
#41
2,4,6-Tribromophenol
Concen: 138.005 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB112355BL

Tgt Ion:330 Resp: 285336

Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.4	113.2
141	35.9	30.7	46.1

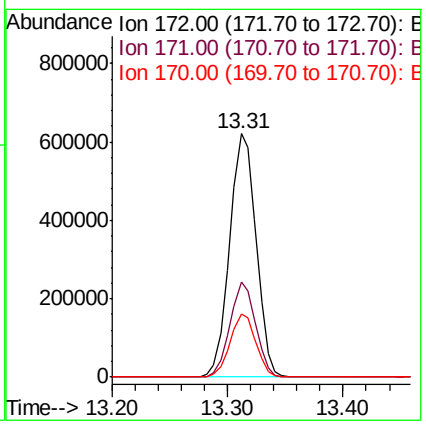


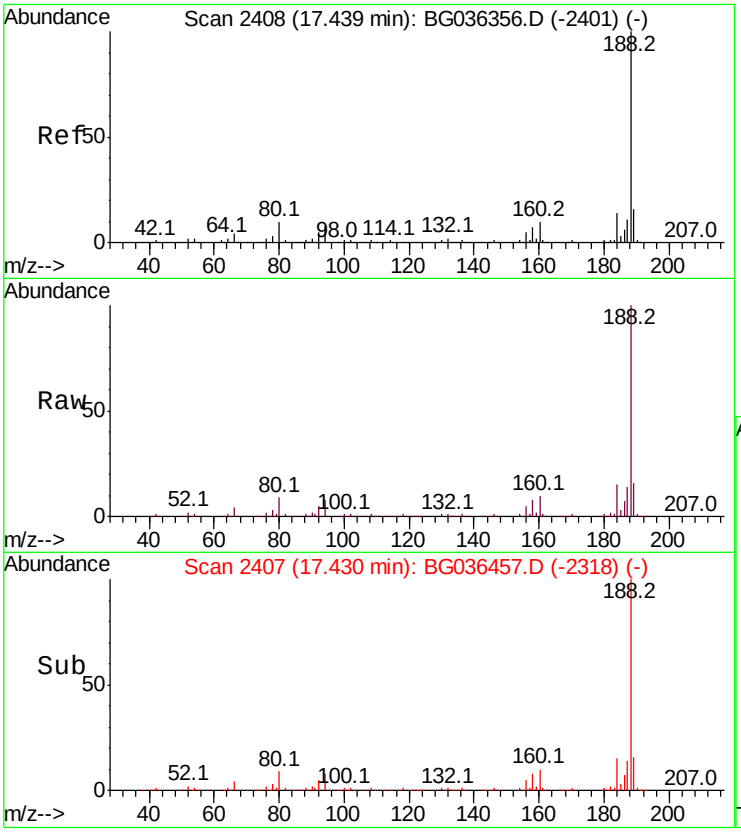


#44
2-Fluorobiphenyl
Concen: 81.081 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Tgt Ion:172 Resp: 983976

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.3	46.9
170	26.0	21.0	31.6



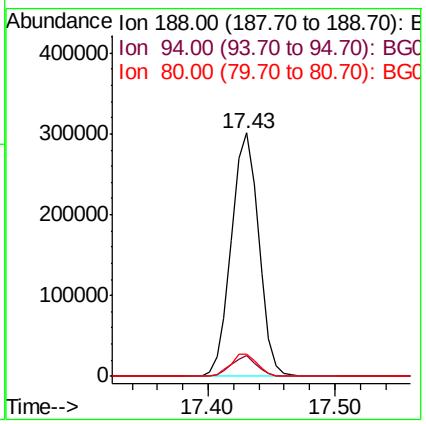


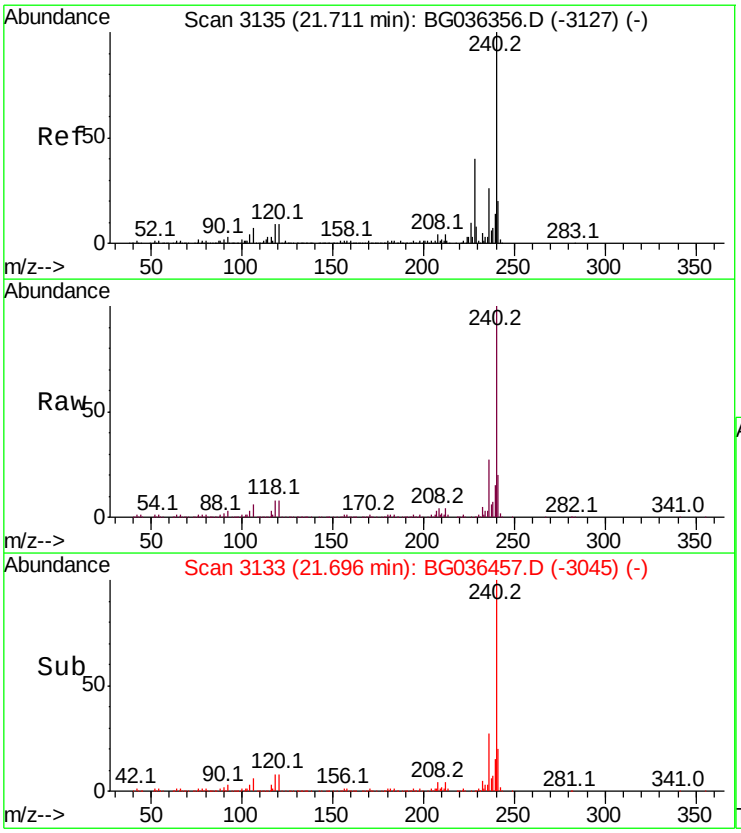
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB112355BL

Tgt Ion:188 Resp: 449589

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.3	8.1	12.1

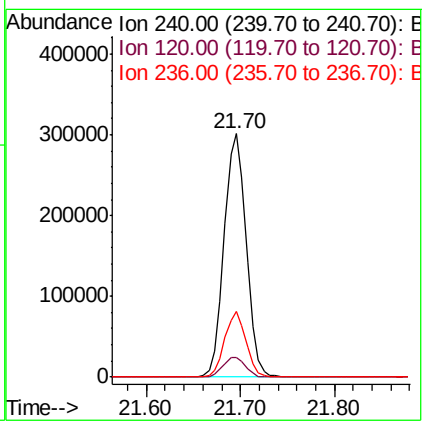


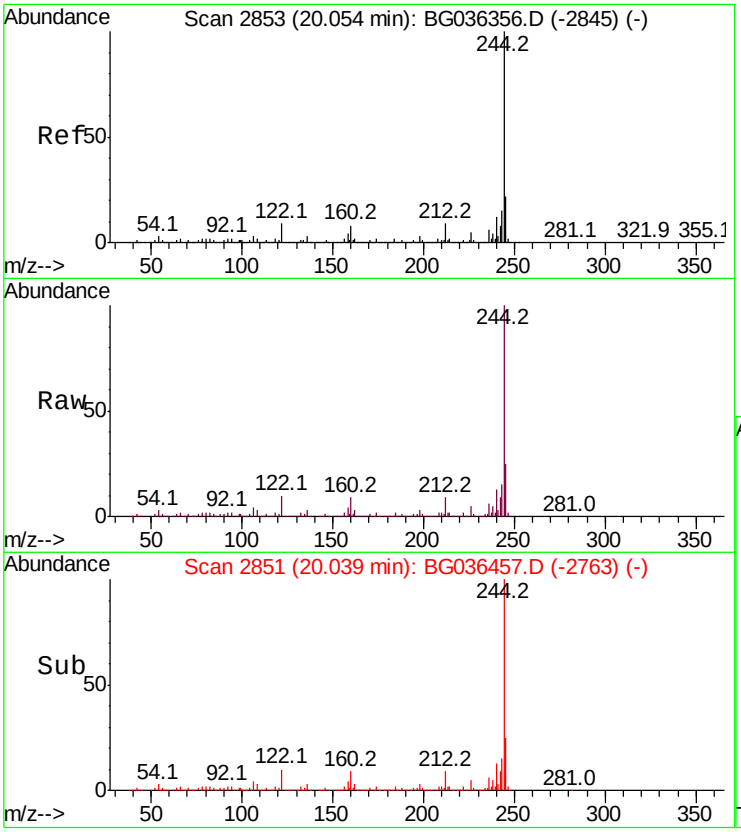


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Tgt Ion:240 Resp: 491845

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.9	10.3
236	27.1	21.2	31.8



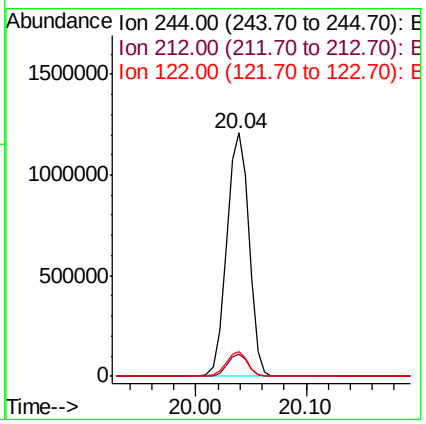


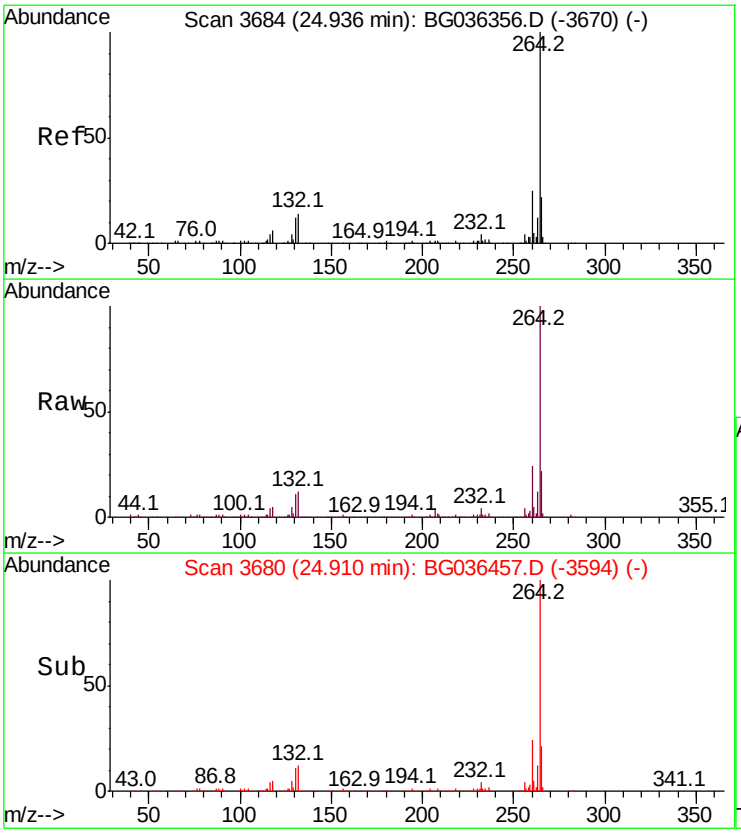
#78
Terphenyl-d14
Concen: 81.151 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB112355BL

Tgt Ion:244 Resp: 1707660

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	9.9	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.03 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Tgt Ion:264 Resp: 493592

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.5	17.4	26.0