Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038559.D
Acq On : 14 Dec 2018 8:29
Operator : JU/SJ
Sample : J6189-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-121118-A

Quant Time: Dec 14 10:32:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20087	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	78869	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	51860	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	140138	20.00	ng	0.00
76) Chrysene-d12	21.72	240	150313	20.00	ng	0.00
87) Perylene-d12	25.01	264	159938	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	157685	139.23	ng	0.00
7) Phenol-d6	7.21	99	182479	117.37	ng	0.00
23) Nitrobenzene-d5	9.23	82	161799	104.80	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	116749	163.35	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	380870	100.75	ng	0.00
79) Terphenyl-d14	20.04	244	787762	114.06	ng	0.00
Target Compounds						Qvalue

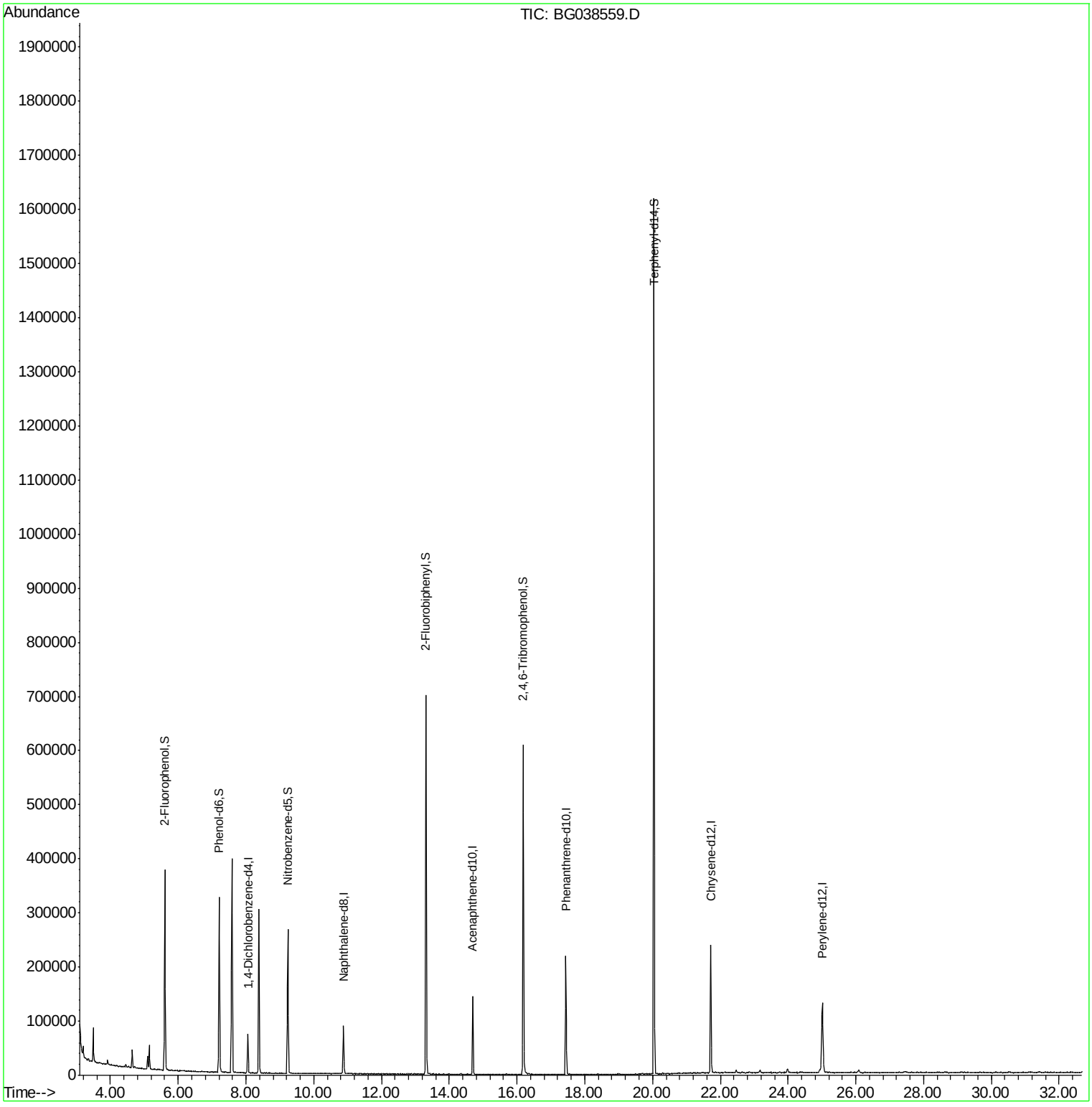
(#) = qualifier out of range (m) = manual integration (+) = signals summed

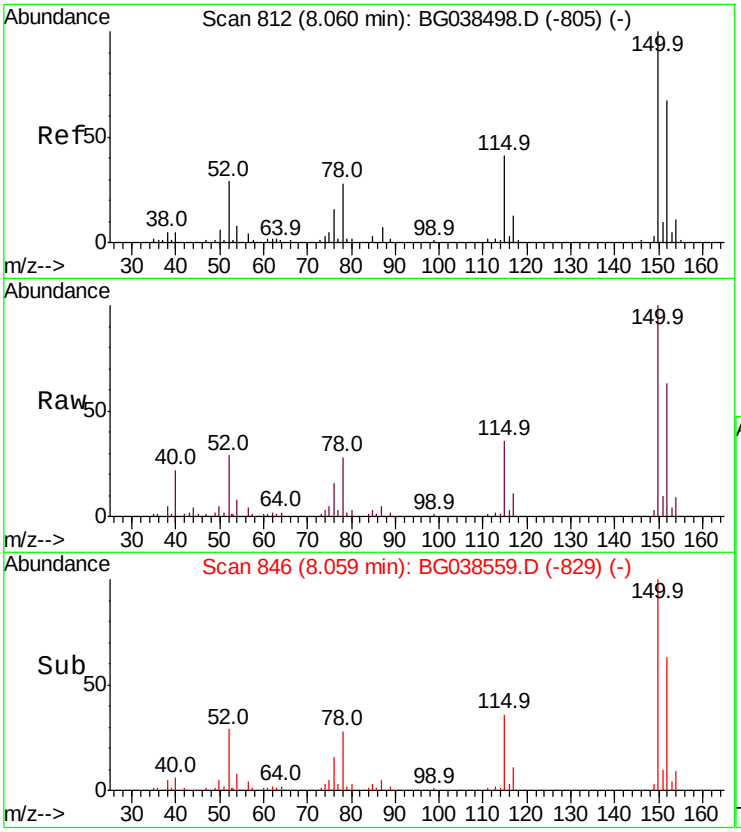
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038559.D
Acq On : 14 Dec 2018 8:29
Operator : JU/SJ
Sample : J6189-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-05-121118-A

Quant Time: Dec 14 10:32:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



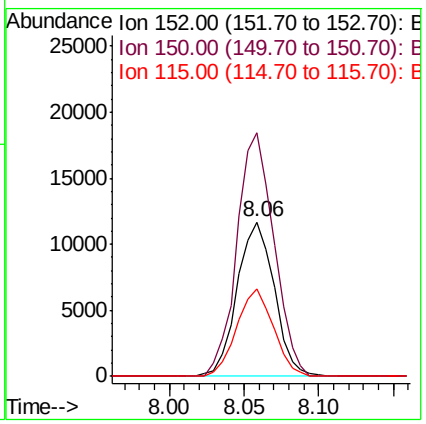


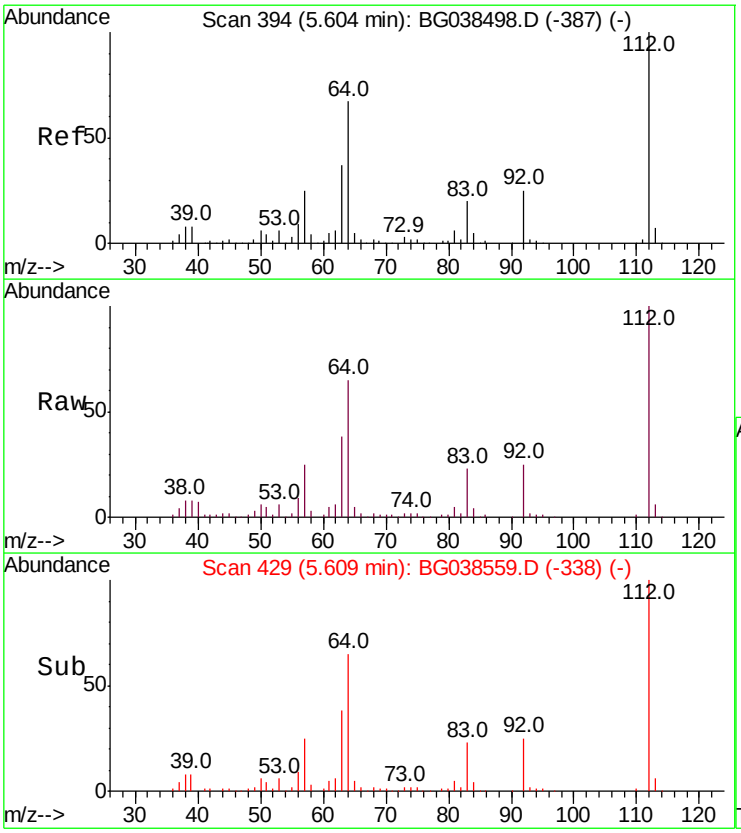
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
HR-05-121118-A

Tgt Ion:152 Resp: 20087

Ion	Ratio	Lower	Upper
152	100		
150	157.6	119.5	179.3
115	57.0	49.6	74.4

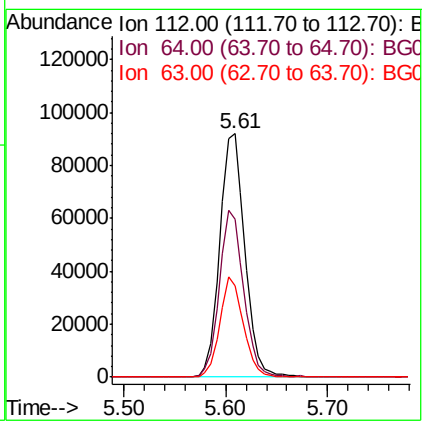


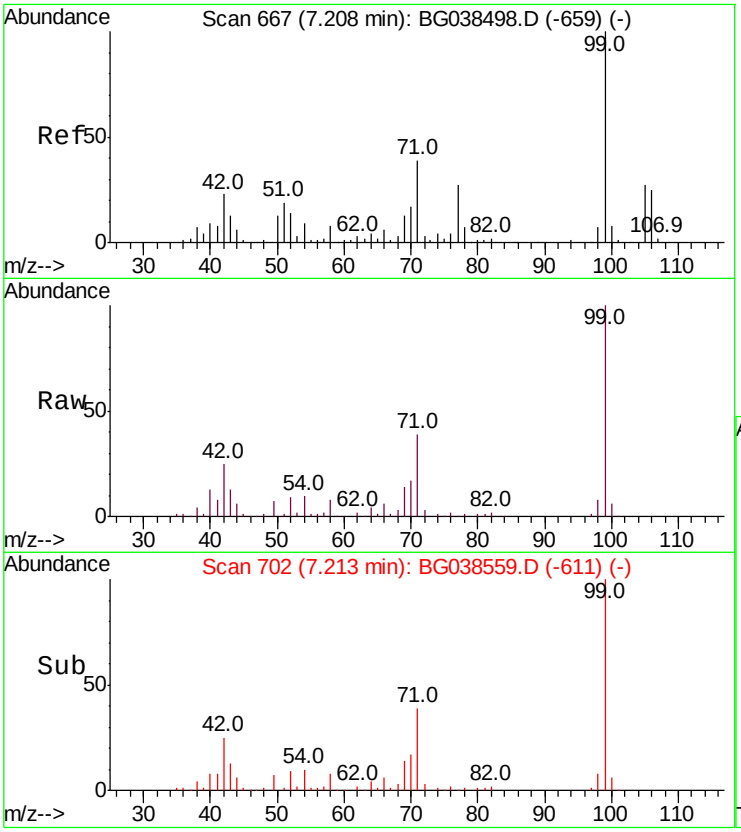


#5
2-Fluorophenol
Concen: 139.233 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Tgt Ion:112 Resp: 157685

Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.4	80.2
63	37.7	29.3	43.9



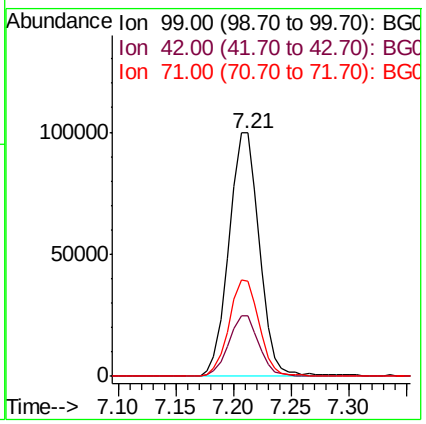


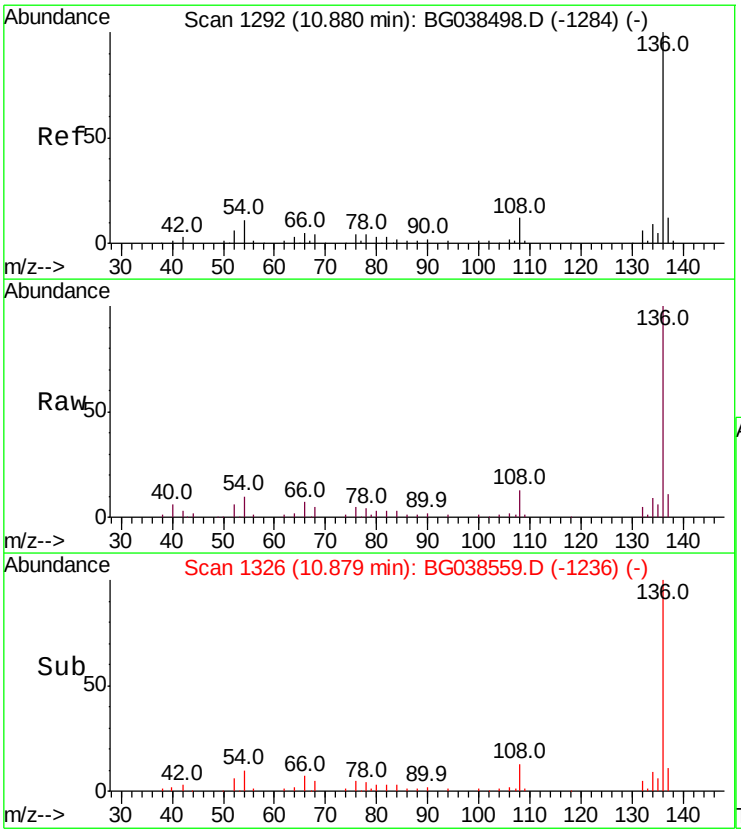
#7
Phenol-d6
Concen: 117.370 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
HR-05-121118-A

Tgt Ion: 99 Resp: 182479

Ion	Ratio	Lower	Upper
99	100		
42	24.6	18.5	27.7
71	39.2	31.1	46.7

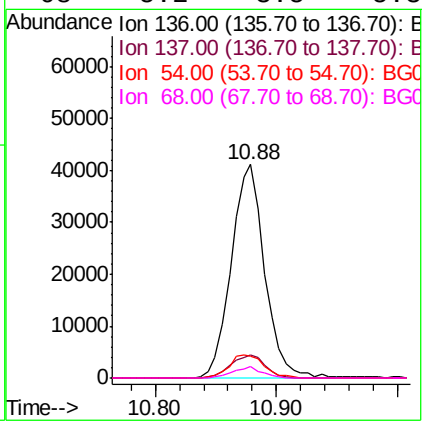


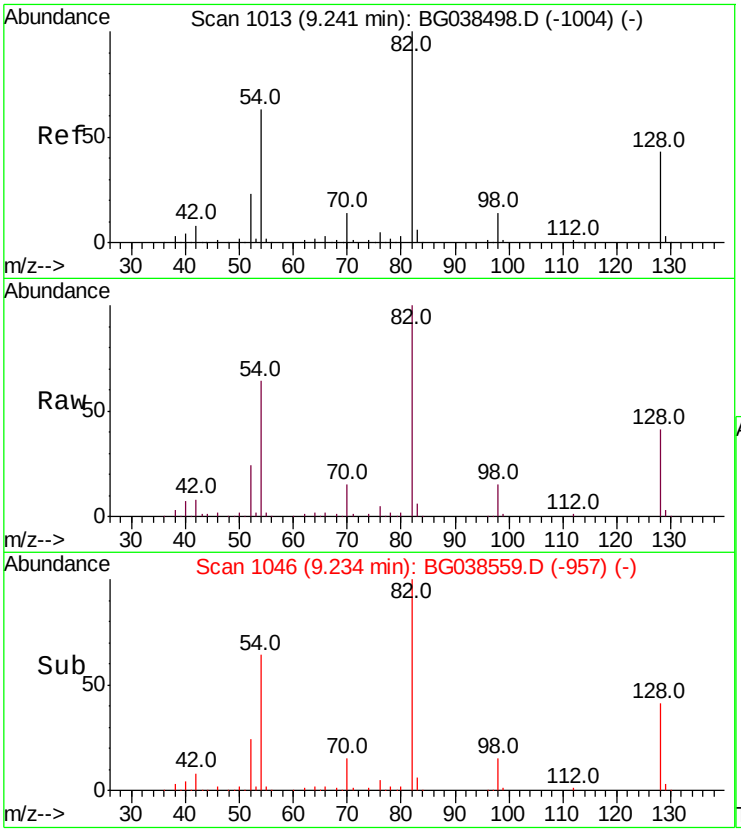


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Tgt Ion:136 Resp: 78869

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.3	13.9
54	10.3	8.5	12.7
68	5.2	3.5	5.3



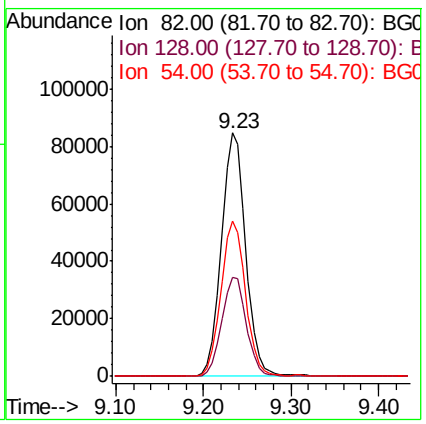


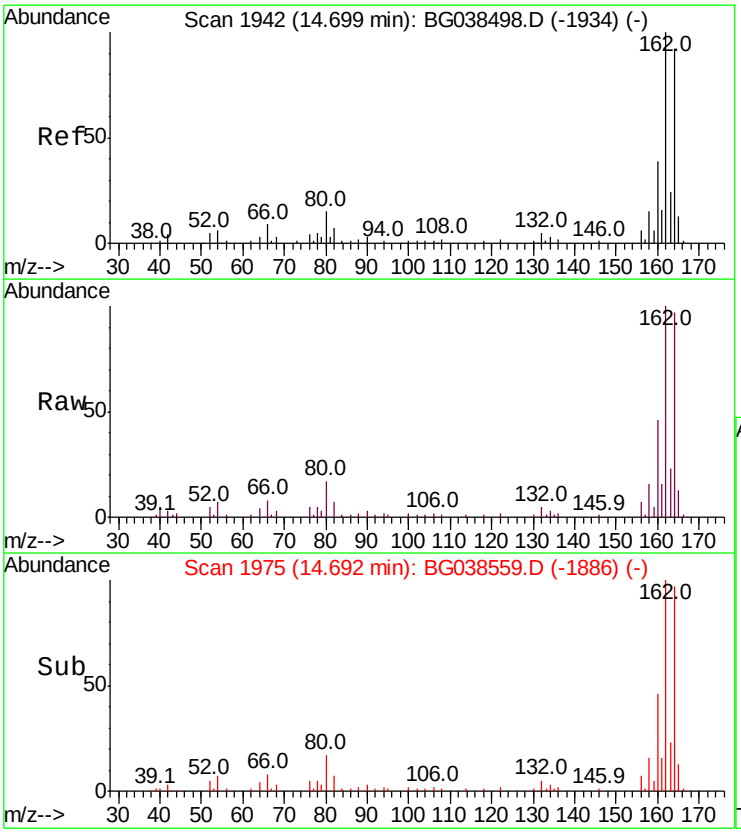
#23
Nitrobenzene-d5
Concen: 104.805 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
HR-05-121118-A

Tgt Ion: 82 Resp: 161799

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	63.6	50.6	76.0

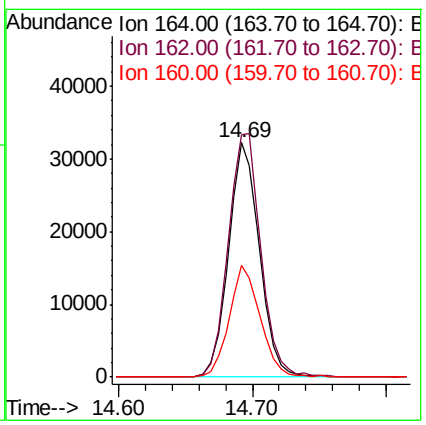


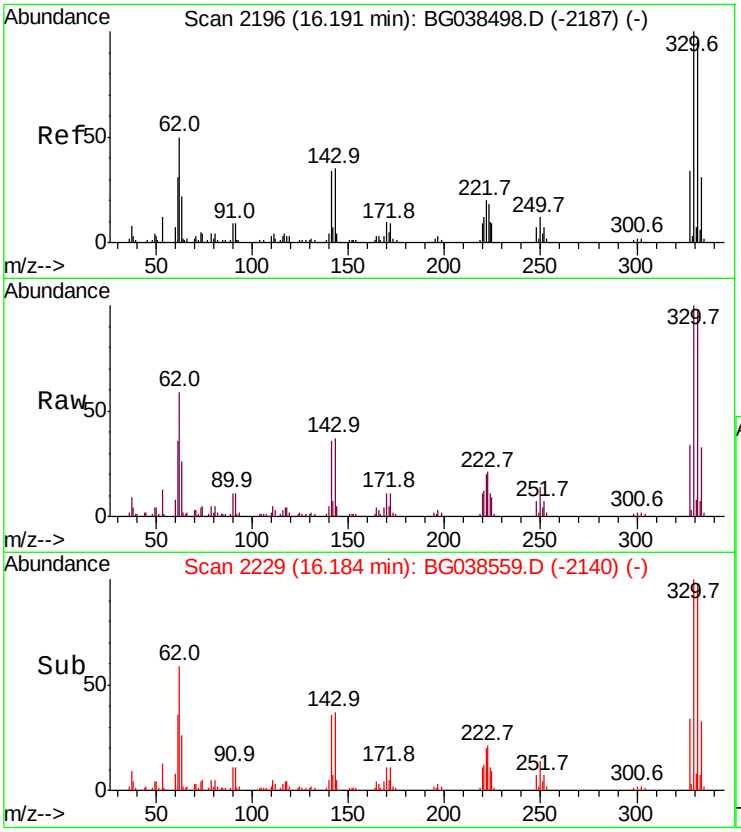


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Tgt Ion:164 Resp: 51860

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.6	130.0
160	47.8	34.2	51.2



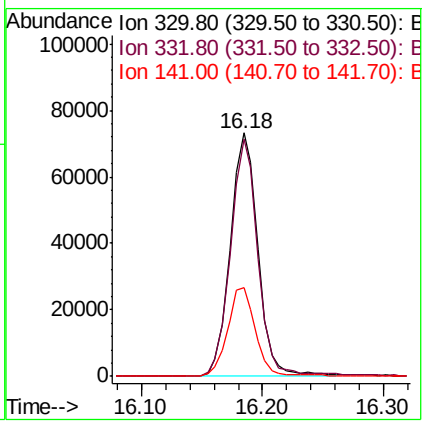


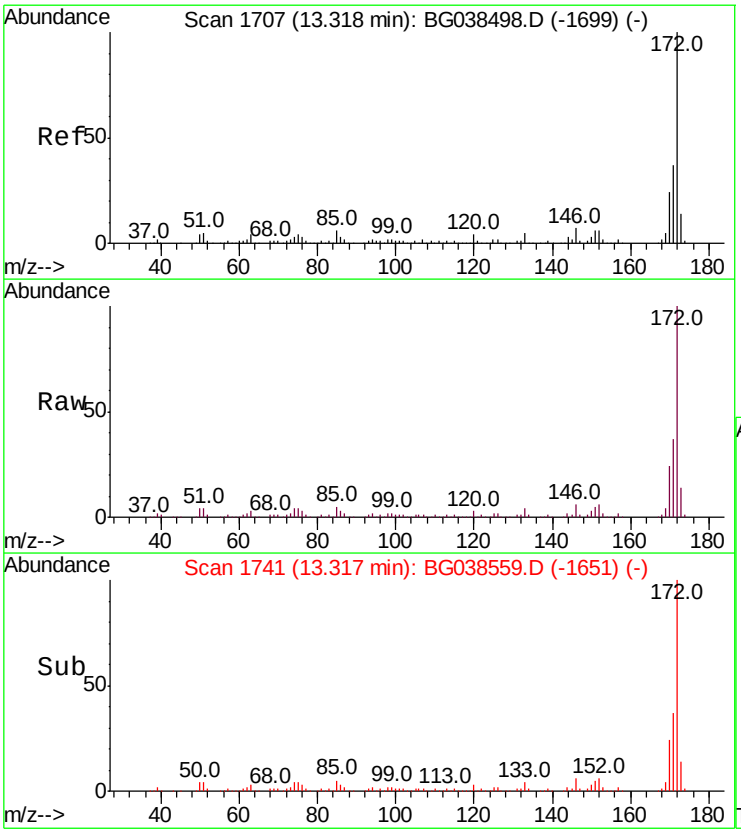
#42
2,4,6-Tribromophenol
Concen: 163.348 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
HR-05-121118-A

Tgt Ion:330 Resp: 116749

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	36.8	28.8	43.2

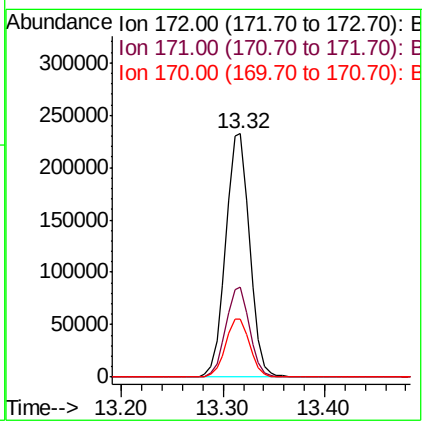


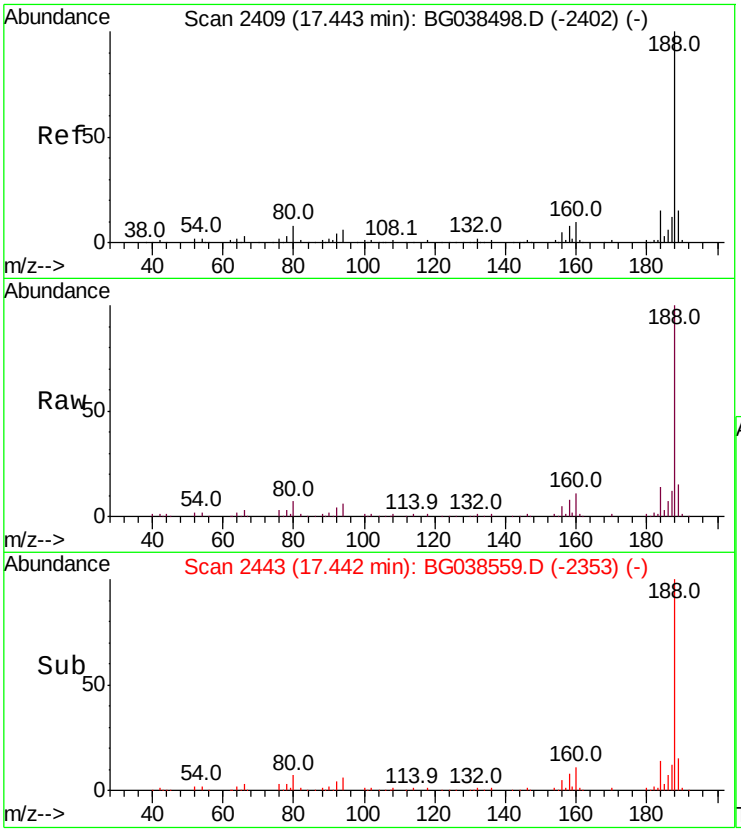


#45
2-Fluorobiphenyl
Concen: 100.751 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Tgt Ion:172 Resp: 380870

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	23.9	19.5	29.3



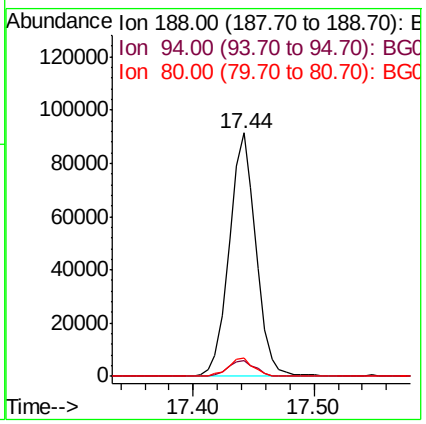


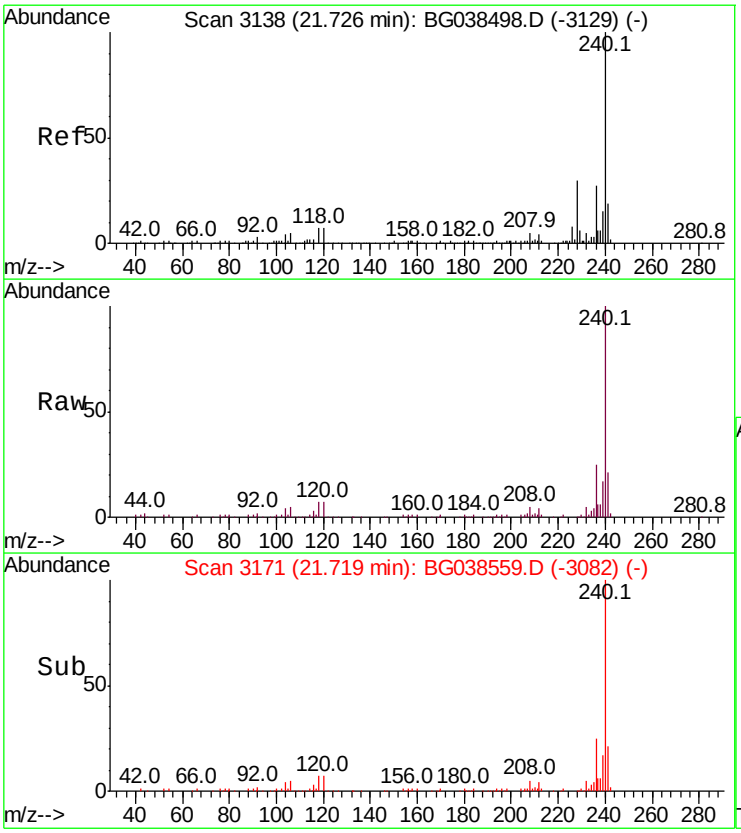
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
HR-05-121118-A

Tgt Ion:188 Resp: 140138

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	7.3	6.1	9.1

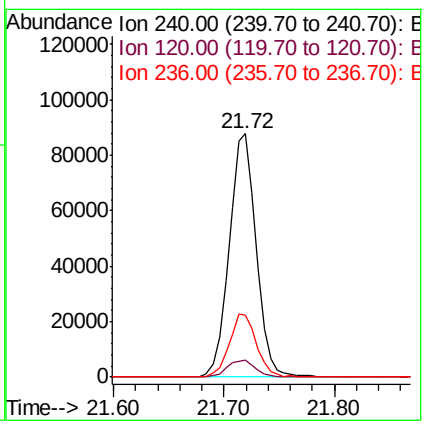


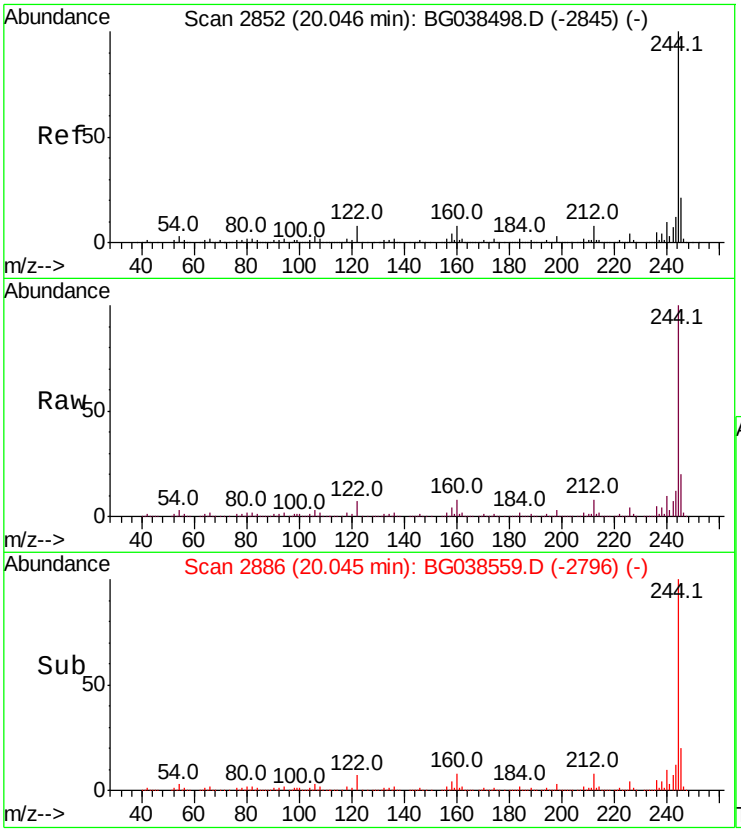


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Tgt Ion:240 Resp: 150313

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.3	7.9
236	25.4	21.4	32.2



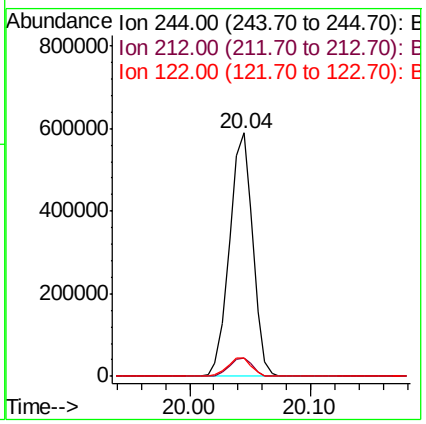


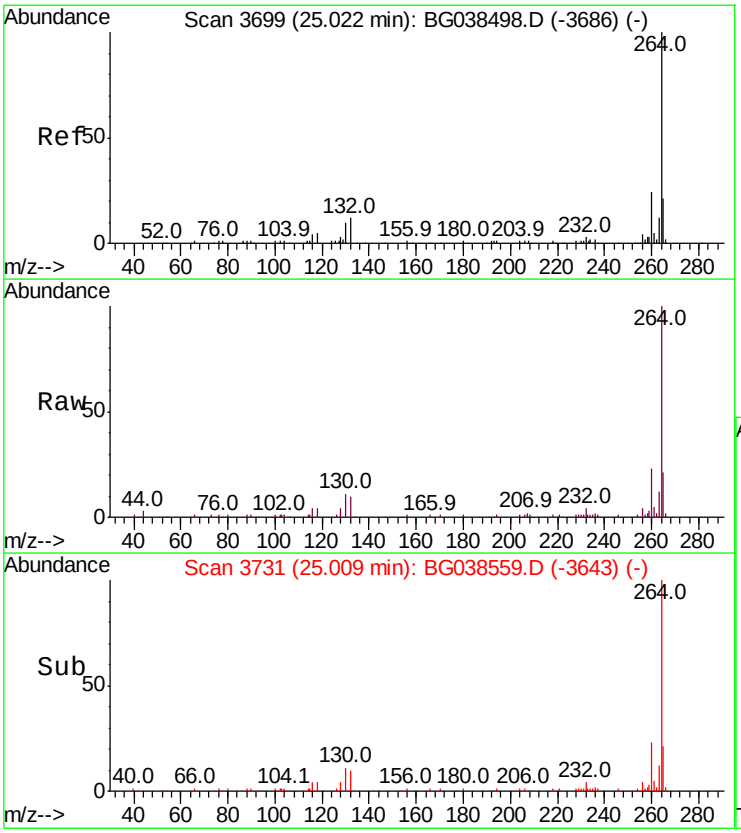
#79
Terphenyl-d14
Concen: 114.057 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
HR-05-121118-A

Tgt Ion:244 Resp: 787762

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	7.4	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038559.D
Acq: 14 Dec 2018 8:29

Tgt Ion:264 Resp: 159938

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	21.4	17.0	25.4