Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
Data File : BG039499.D
Acq On : 13 Feb 2019 21:57
Operator : JU/SJ
Sample : K1343-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-021119-G

Quant Time: Feb 14 03:10:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	44184	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	194672	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	143221	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	360094	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	379614	20.00	ng	-0.02
87) Perylene-d12	25.21	264	352768	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	383186	148.43	ng	0.00
7) Phenol-d6	7.31	99	529301	139.29	ng	0.00
23) Nitrobenzene-d5	9.35	82	365648	117.34	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	214500	139.08	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	920350	92.19	ng	-0.02
79) Terphenyl-d14	20.13	244	1564024	87.21	ng	-0.02
Target Compounds						Qvalue

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

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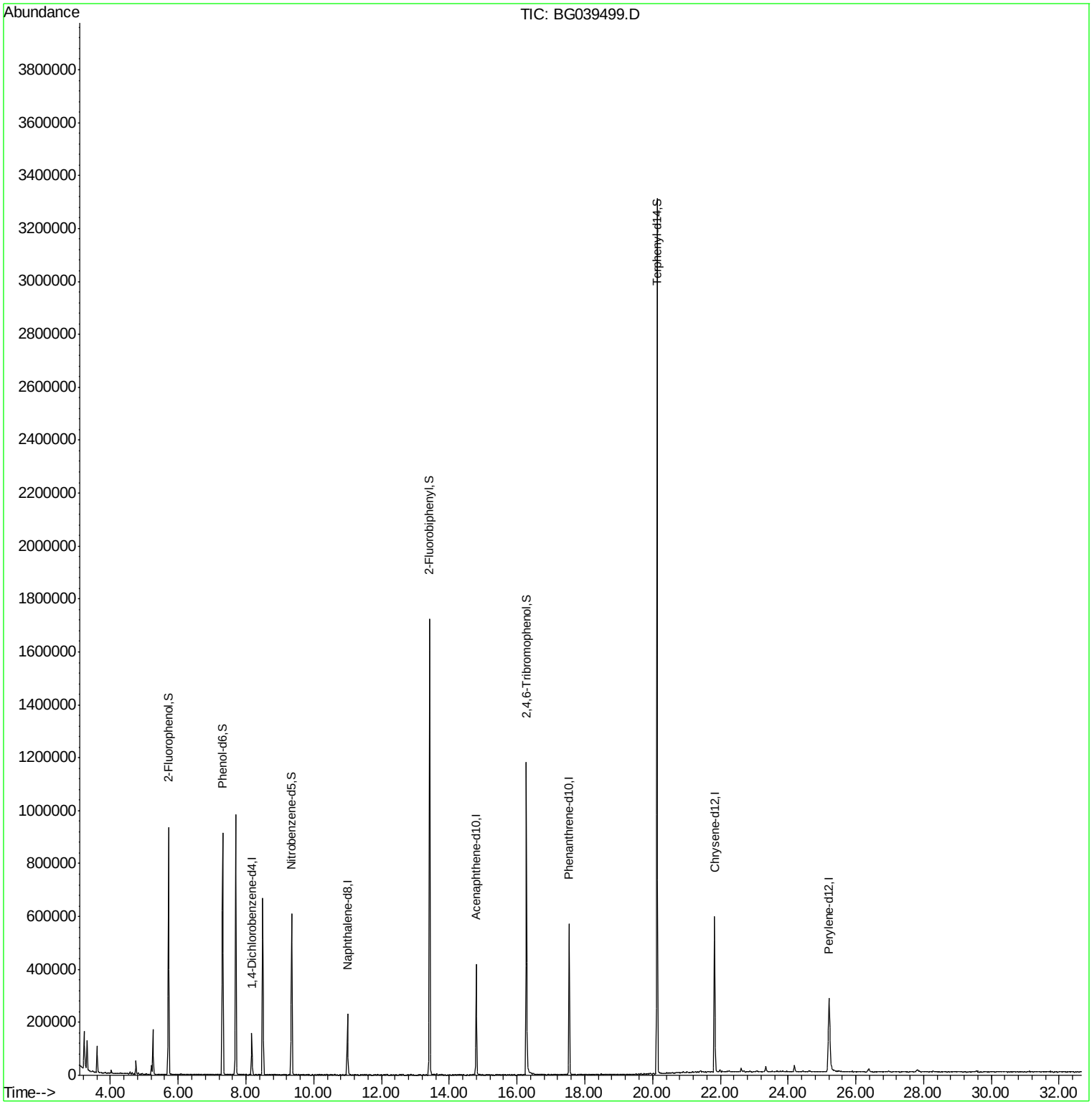
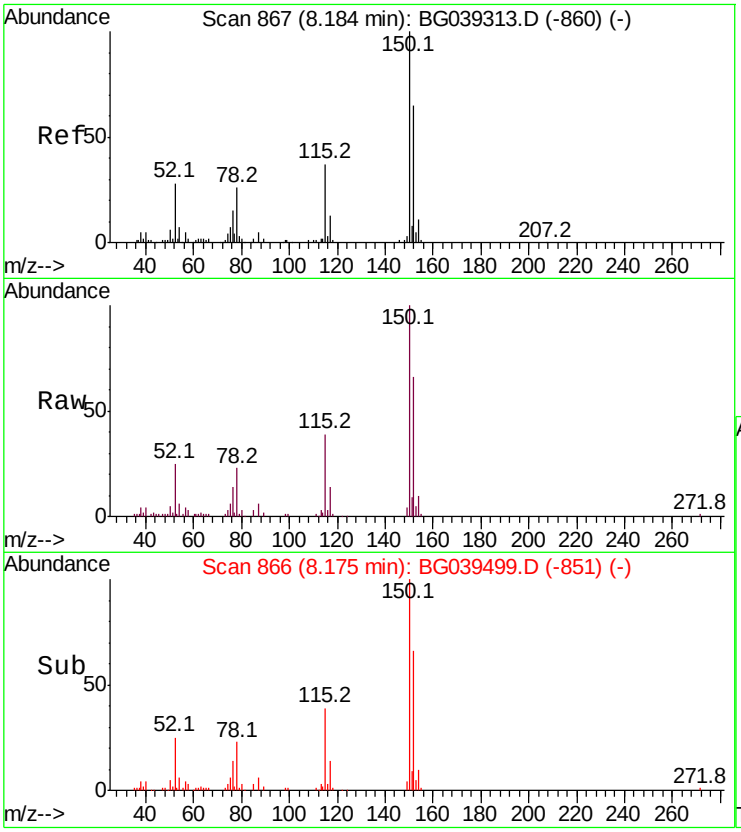


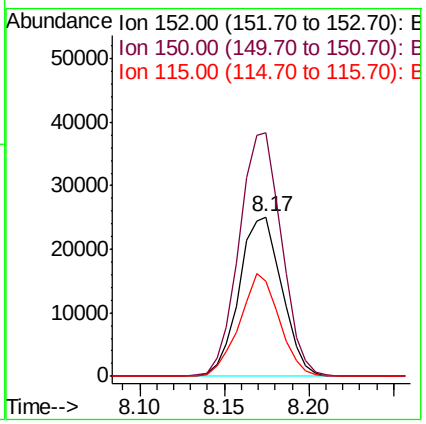


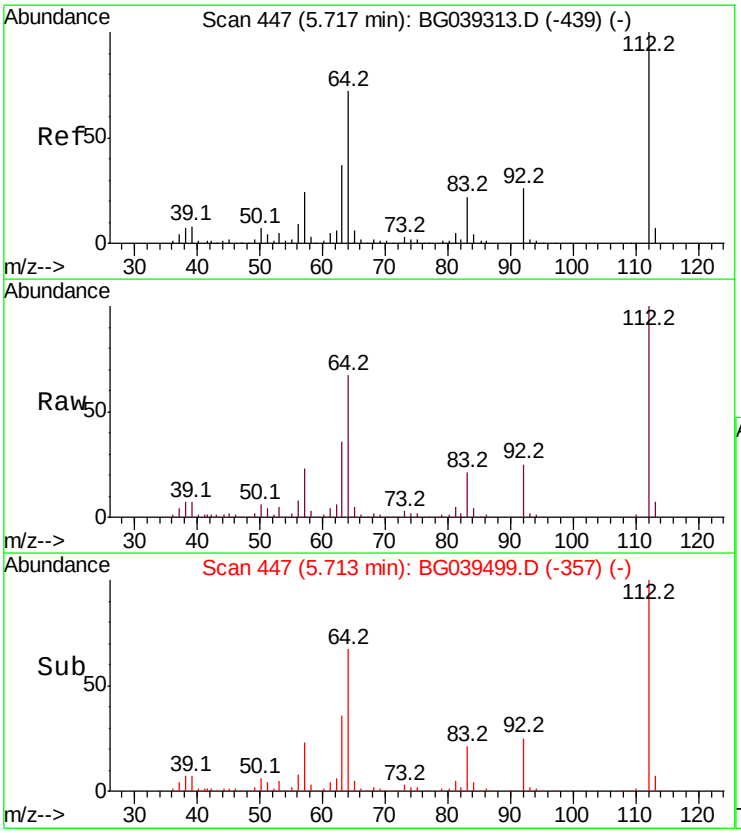
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039499.D
Acq: 13 Feb 2019 21:57

Instrument :
BNA_G
ClientSampleId :
JC-02-021119-G

Tgt Ion:152 Resp: 44184

Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.7	185.5
115	59.8	45.9	68.9

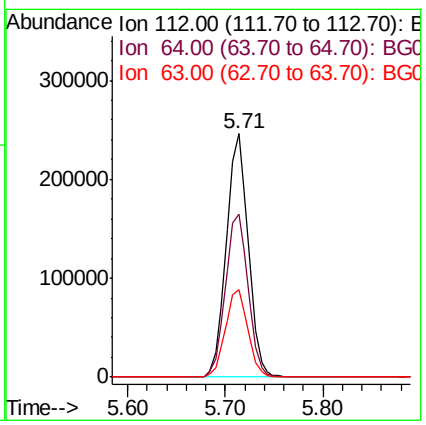


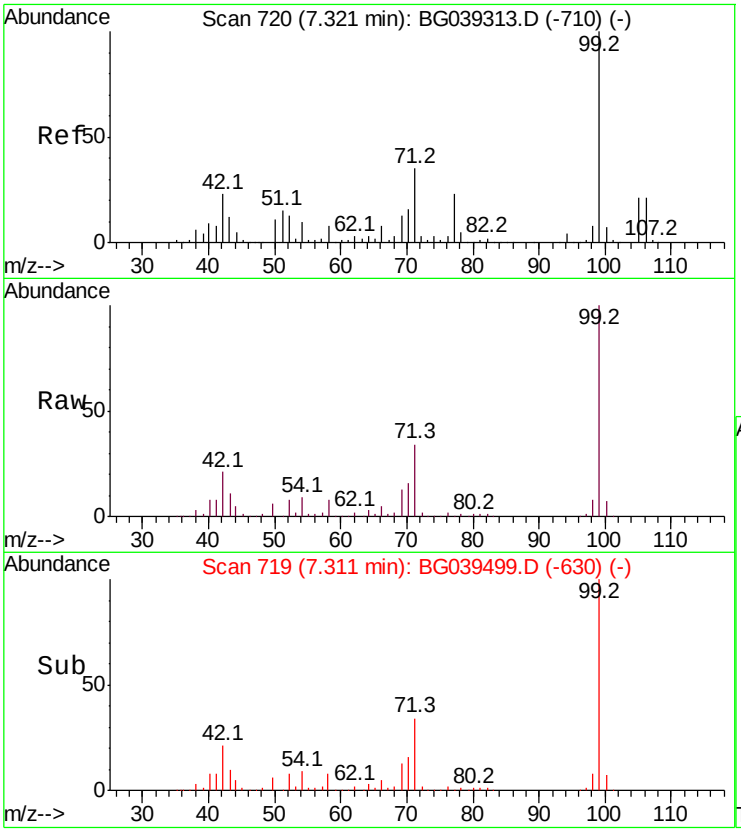


#5
2-Fluorophenol
Concen: 148.431 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039499.D
Acq: 13 Feb 2019 21:57

Tgt Ion:112 Resp: 383186

Ion	Ratio	Lower	Upper
112	100		
64	67.1	57.8	86.8
63	35.9	29.8	44.6



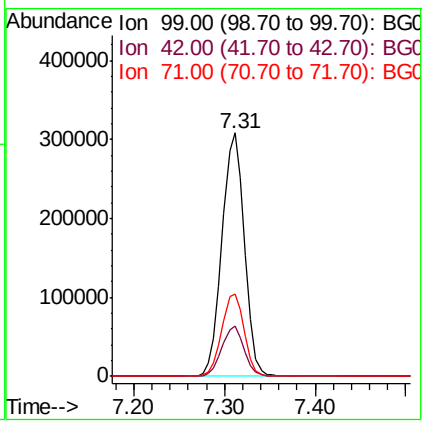


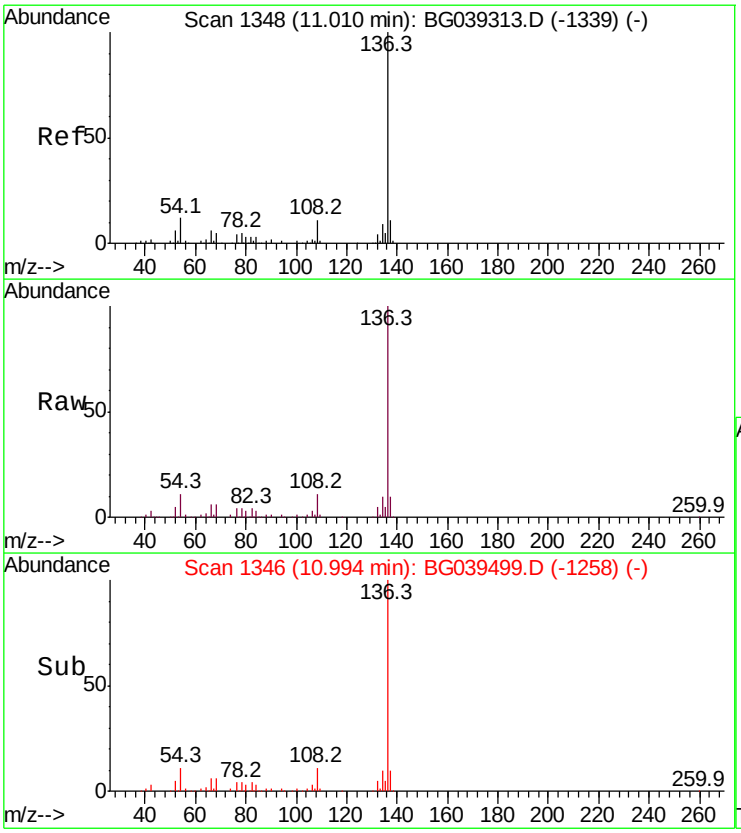
#7
Phenol-d6
Concen: 139.289 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039499.D
Acq: 13 Feb 2019 21:57

Instrument :
BNA_G
ClientSampleId :
JC-02-021119-G

Tgt Ion: 99 Resp: 529301

Ion	Ratio	Lower	Upper
99	100		
42	20.5	18.2	27.2
71	34.0	28.0	42.0

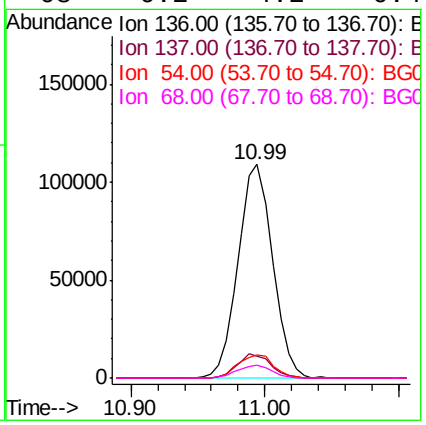


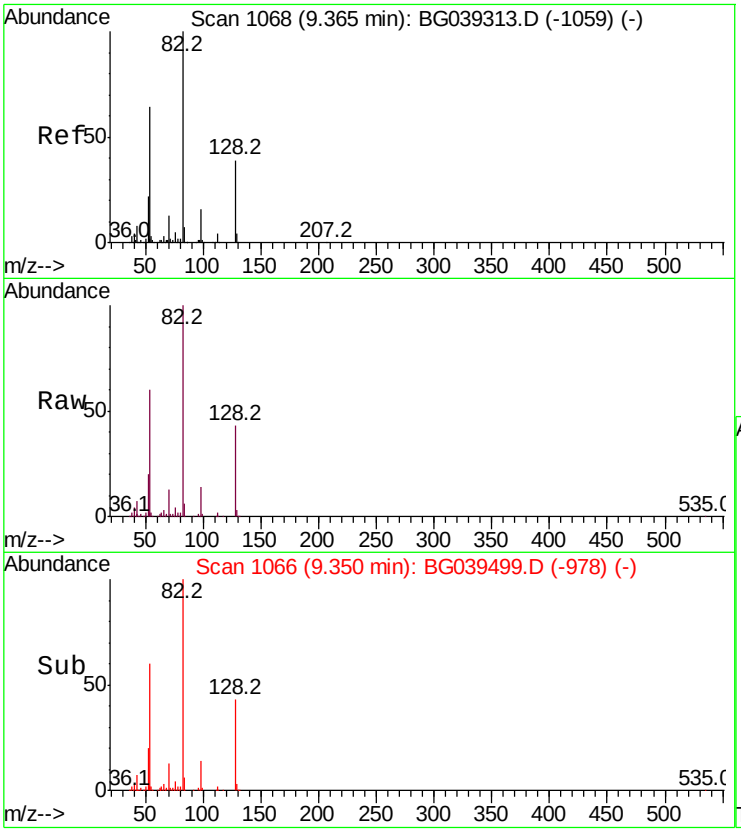


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039499.D
Acq: 13 Feb 2019 21:57

Tgt Ion:136 Resp: 194672

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	10.7	9.4	14.2
68	6.2	4.2	6.4



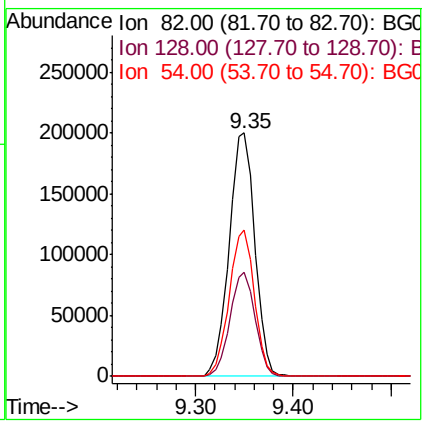


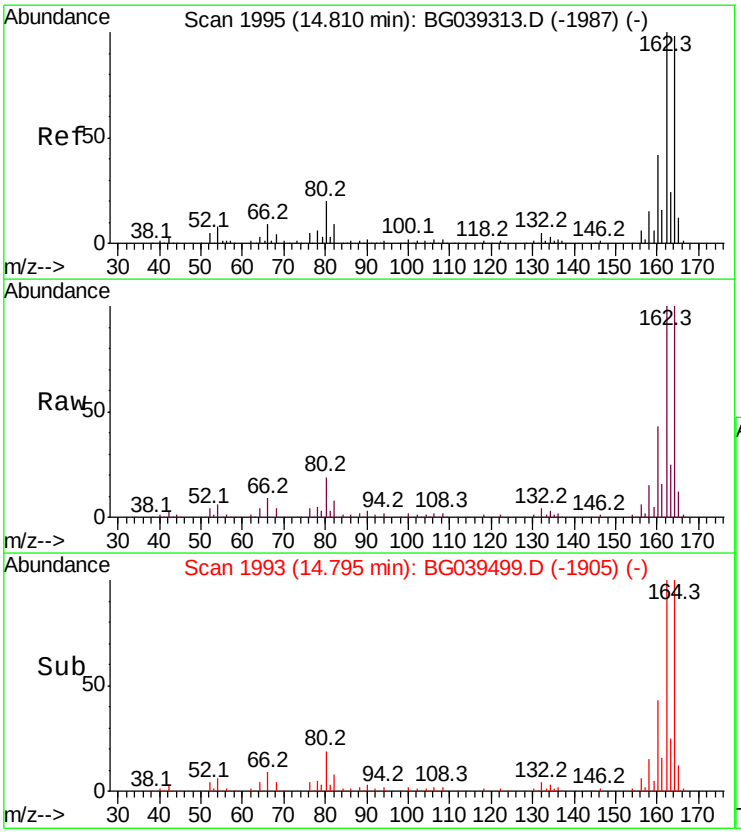
#23
Nitrobenzene-d5
Concen: 117.339 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039499.D
Acq: 13 Feb 2019 21:57

Instrument : BNA_G
ClientSampleId : JC-02-021119-G

Tgt Ion: 82 Resp: 365648

Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	60.2	50.9	76.3

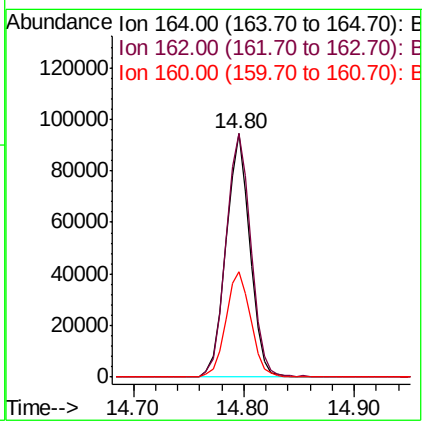


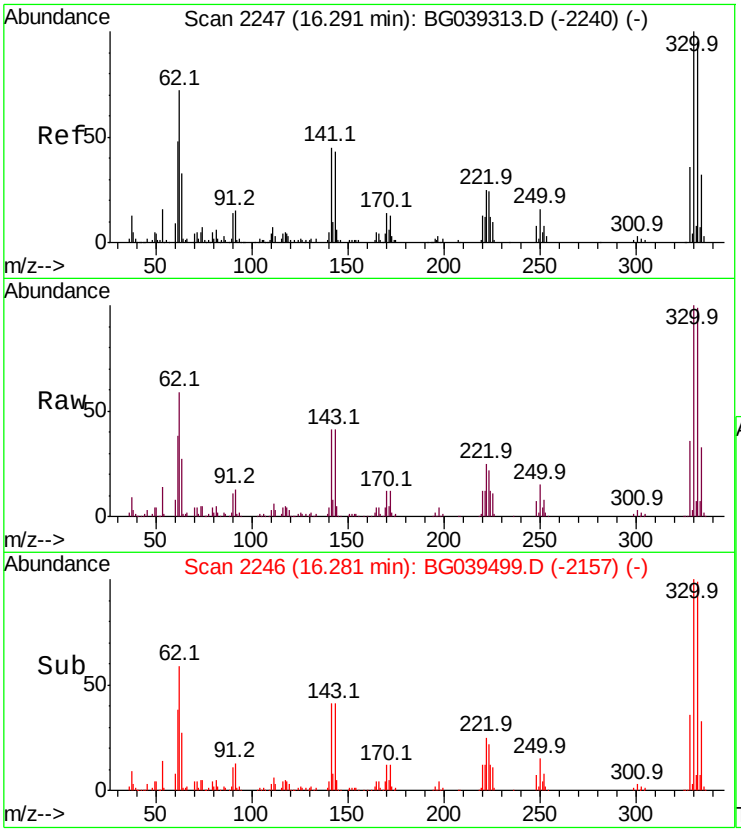


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039499.D
Acq: 13 Feb 2019 21:57

Tgt Ion:164 Resp: 143221

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.6	122.4
160	43.3	34.2	51.2



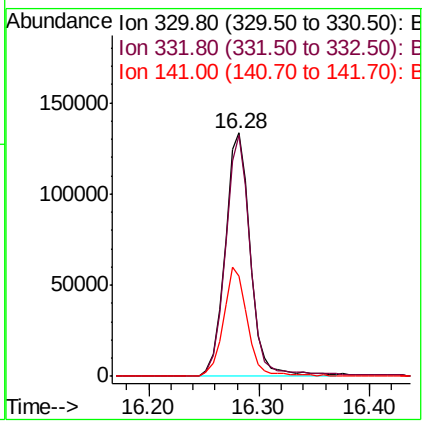


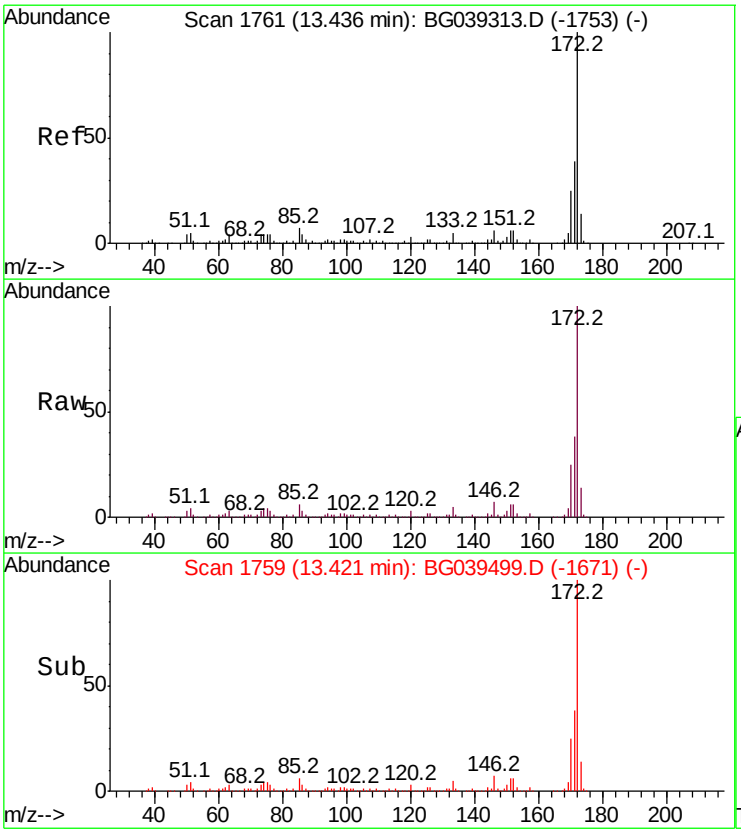
#42
2,4,6-Tribromophenol
Concen: 139.083 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039499.D
Acq: 13 Feb 2019 21:57

Instrument :
BNA_G
ClientSampleId :
JC-02-021119-G

Tgt Ion:330 Resp: 214500

Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.7	113.5
141	42.5	35.6	53.4

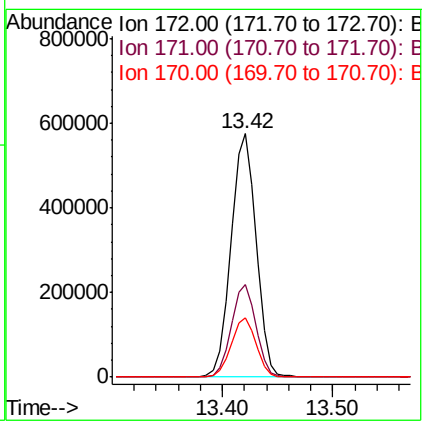


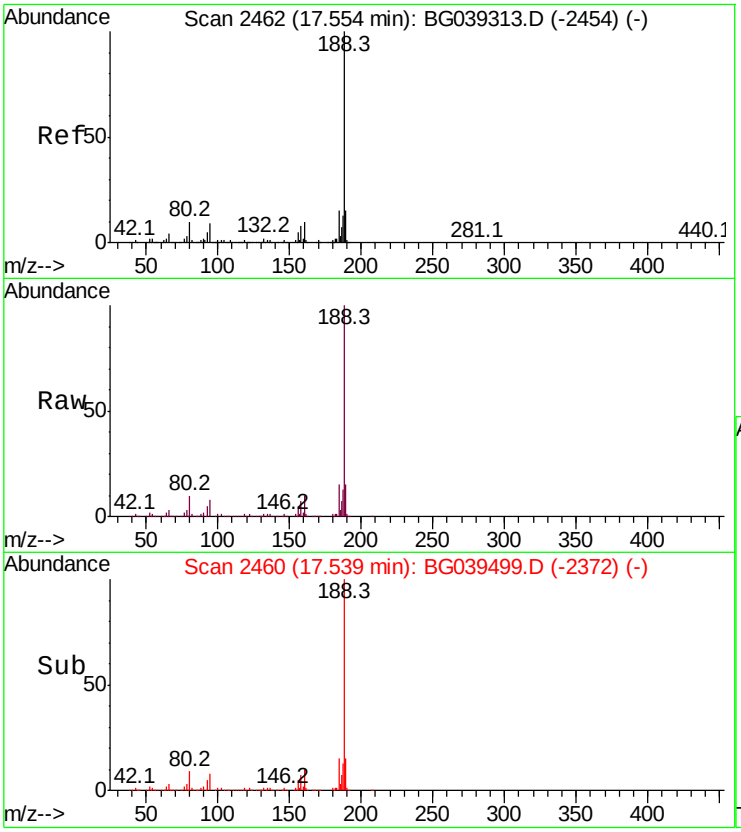


#45
2-Fluorobiphenyl
Concen: 92.185 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039499.D
Acq: 13 Feb 2019 21:57

Tgt Ion:172 Resp: 920350

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	24.5	20.2	30.4



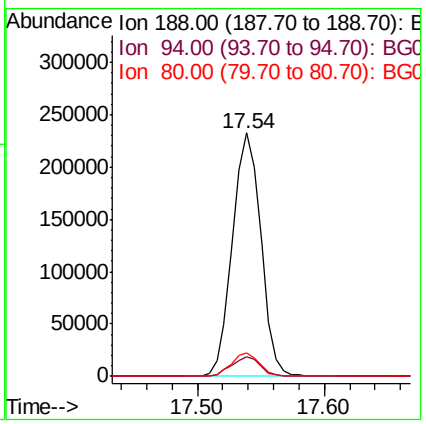


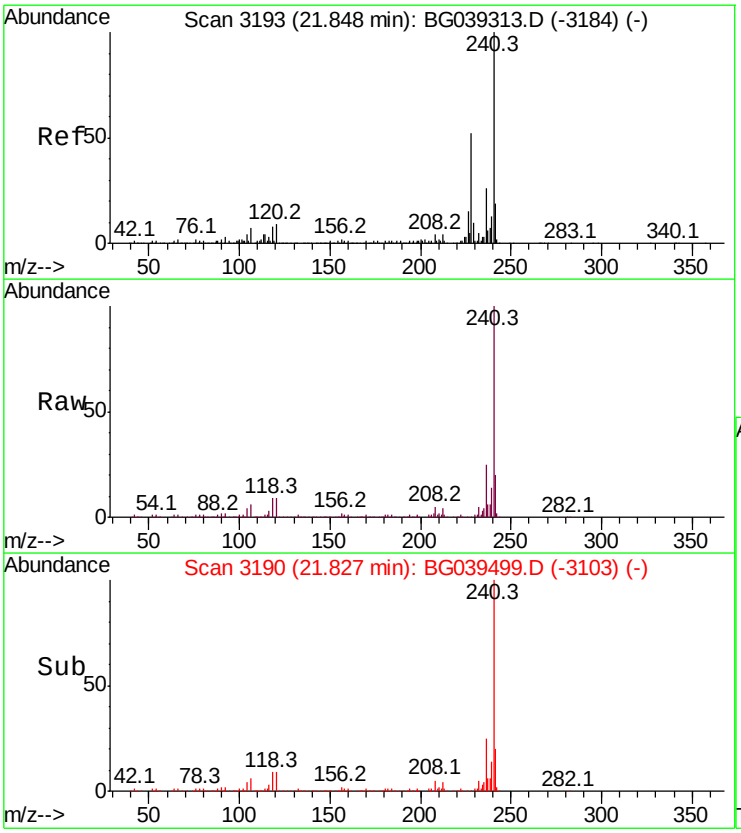
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039499.D
Acq: 13 Feb 2019 21:57

Instrument :
BNA_G
ClientSampleId :
JC-02-021119-G

Tgt Ion:188 Resp: 360094

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.5	8.1	12.1

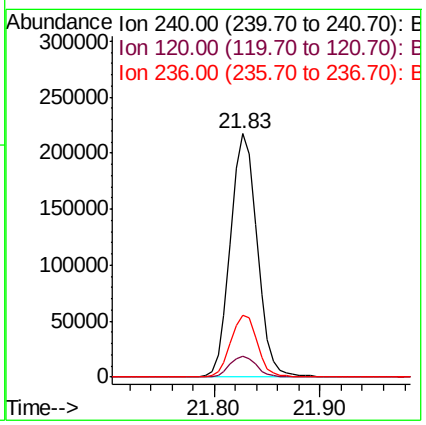


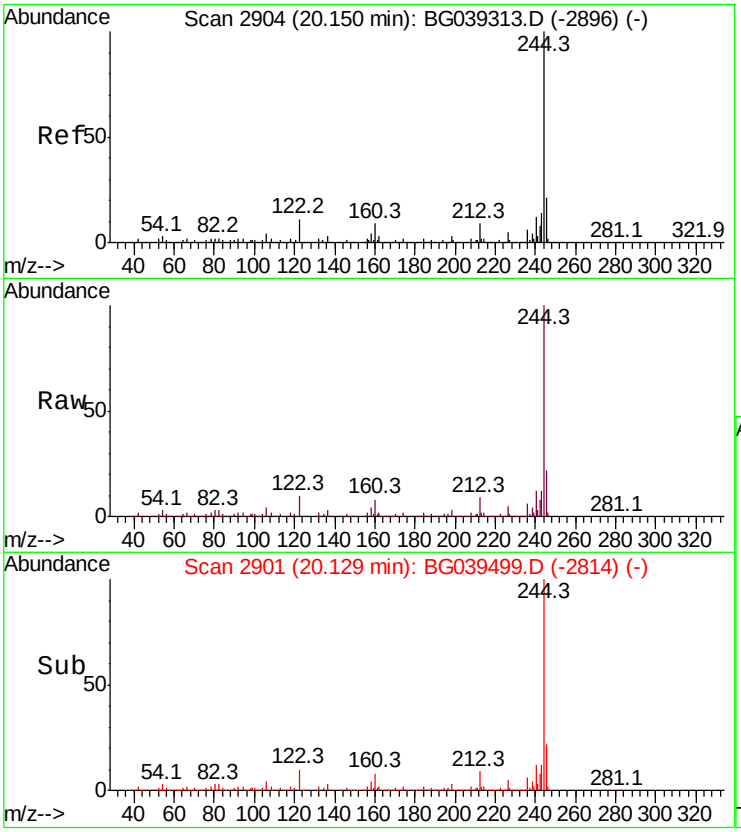


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039499.D
Acq: 13 Feb 2019 21:57

Tgt Ion:240 Resp: 379614

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	25.5	21.0	31.4



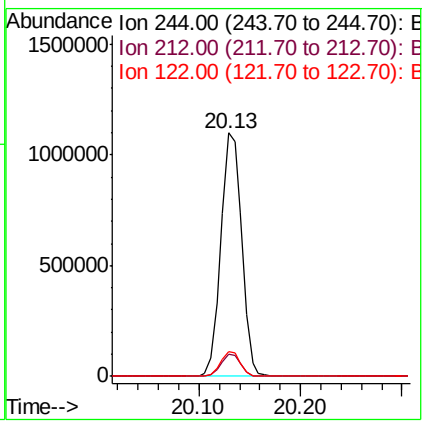


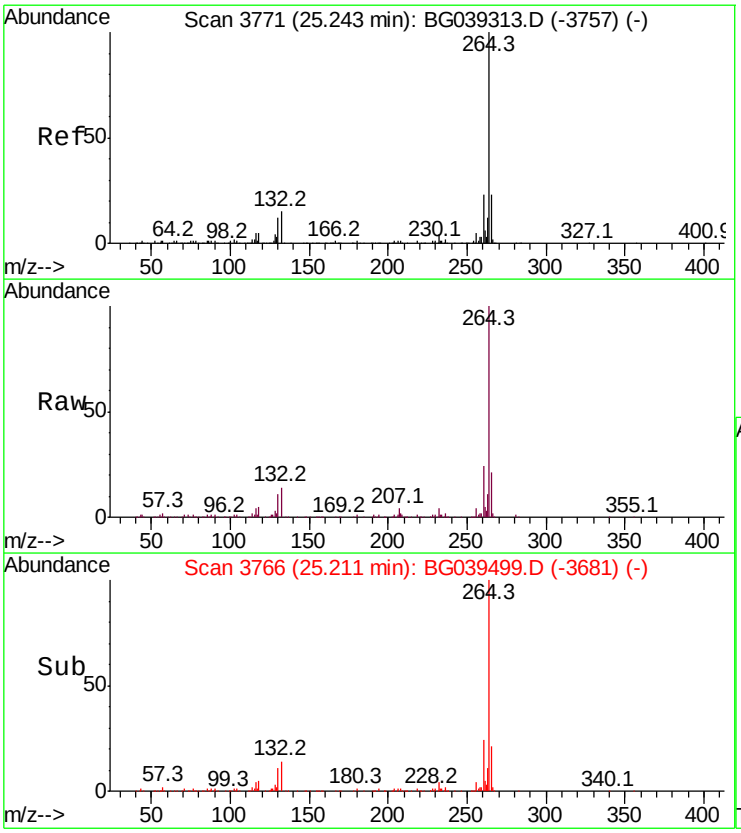
#79
Terphenyl-d14
Concen: 87.208 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039499.D
Acq: 13 Feb 2019 21:57

Instrument :
BNA_G
ClientSampleId :
JC-02-021119-G

Tgt Ion:244 Resp: 1564024

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	10.3	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039499.D
Acq: 13 Feb 2019 21:57

Tgt Ion:264 Resp: 352768

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	20.8	18.5	27.7