Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
Data File : BG037327.D
Acq On : 13 Oct 2018 15:14
Operator : JU/SJ
Sample : PB113715BL
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113715BL

Quant Time: Oct 15 02:49:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	62449	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	261726	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	173555	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	465638	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	466160	20.00	ng	-0.02
87) Perylene-d12	25.12	264	466471	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	511721	144.21	ng	0.00
7) Phenol-d6	7.25	99	730478	135.63	ng	0.00
23) Nitrobenzene-d5	9.29	82	407279	102.31	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	283182	166.37	ng	-0.01
45) 2-Fluorobiphenyl	13.38	172	1001322	86.64	ng	0.00
79) Terphenyl-d14	20.10	244	1779086	80.14	ng	0.00
Target Compounds						Qvalue

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

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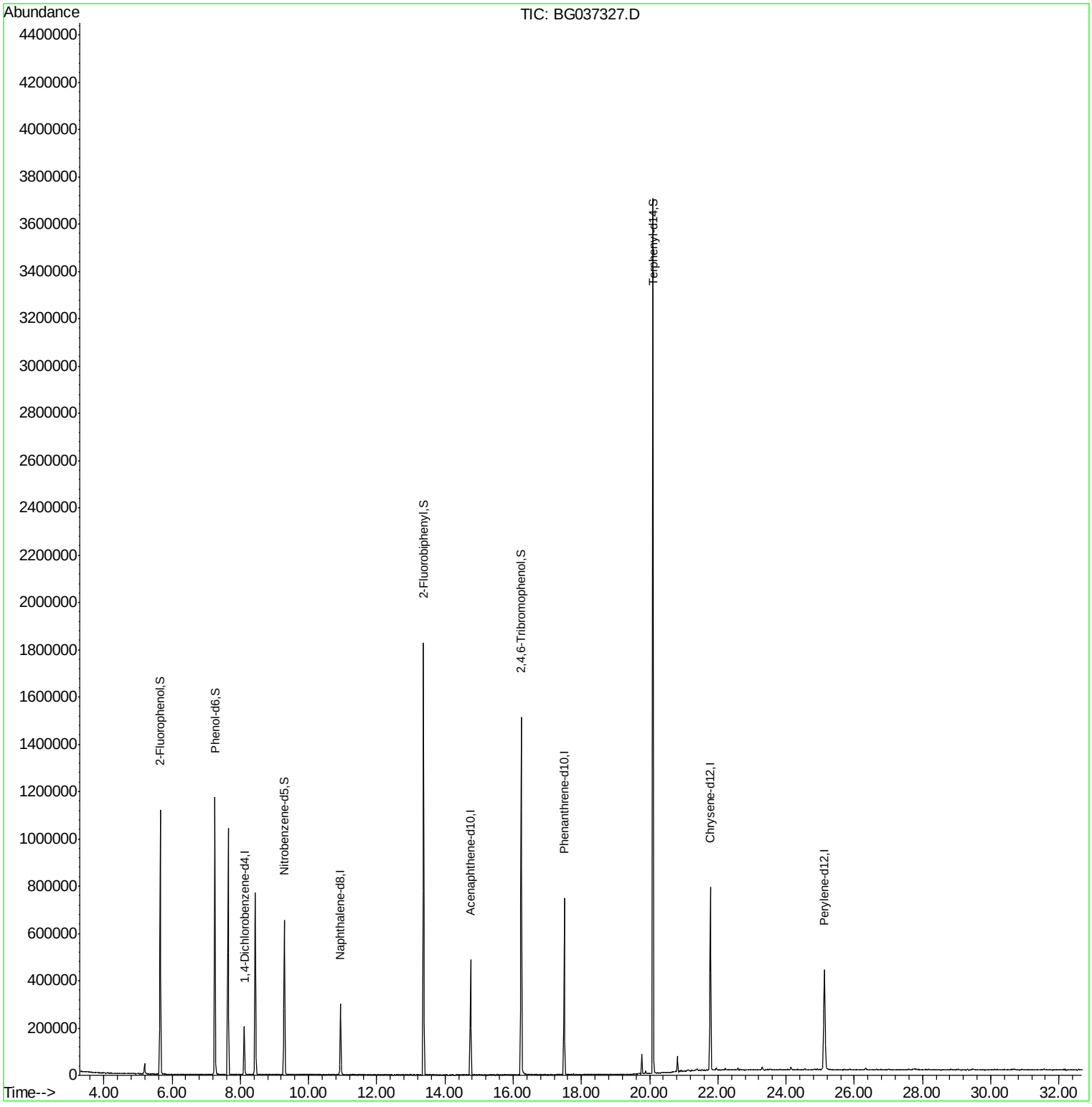
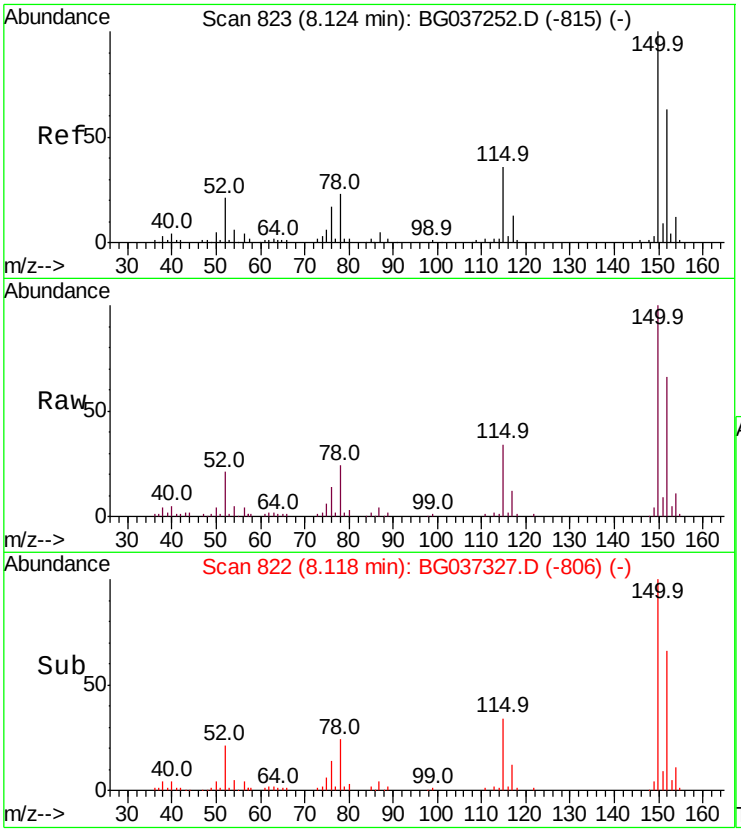


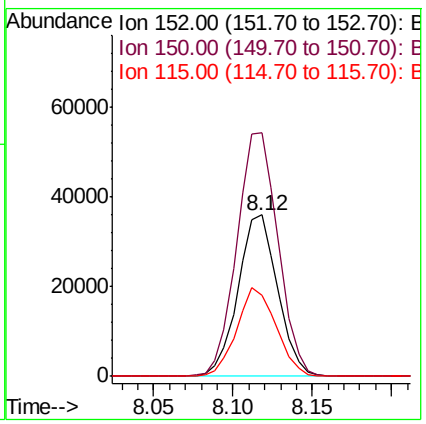


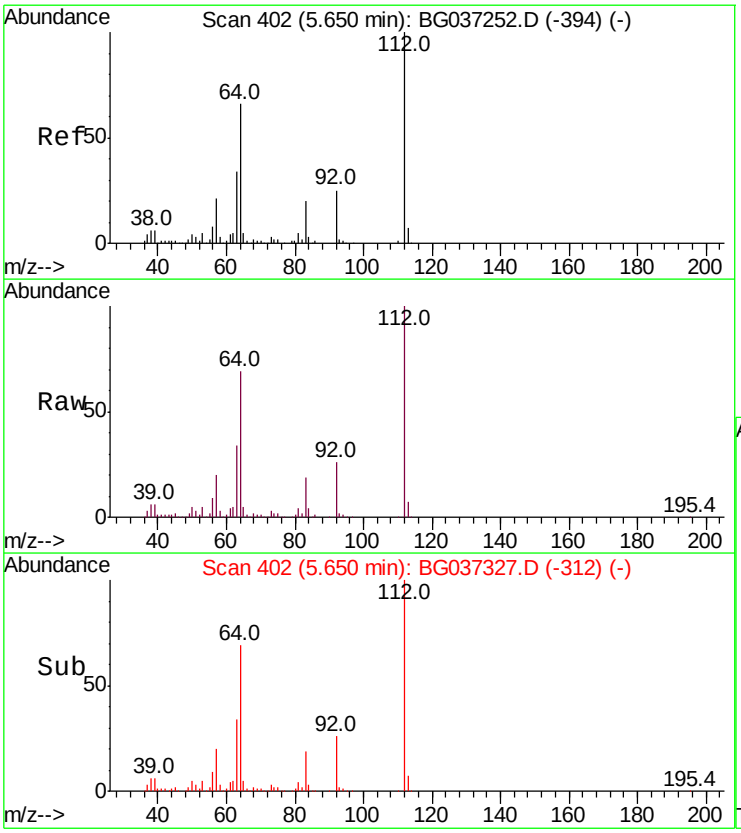
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037327.D
Acq: 13 Oct 2018 15:14

Instrument :
BNA_G
ClientSampleId :
PB113715BL

Tgt Ion:152 Resp: 62449

Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.0	189.0
115	50.6	45.5	68.3

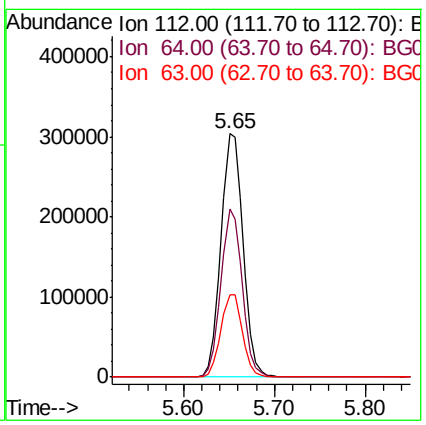


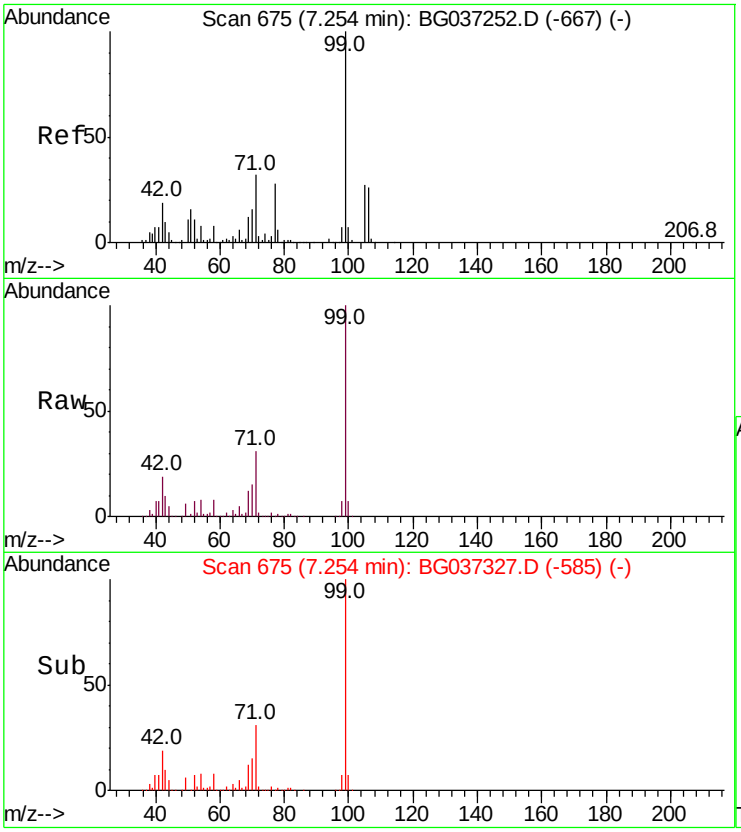


#5
2-Fluorophenol
Concen: 144.211 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037327.D
Acq: 13 Oct 2018 15:14

Tgt Ion:112 Resp: 511721

Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.1	79.7
63	33.6	27.3	40.9



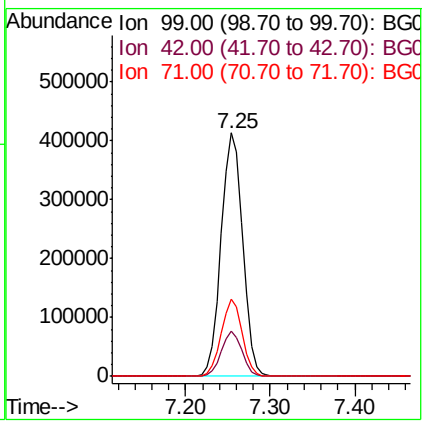


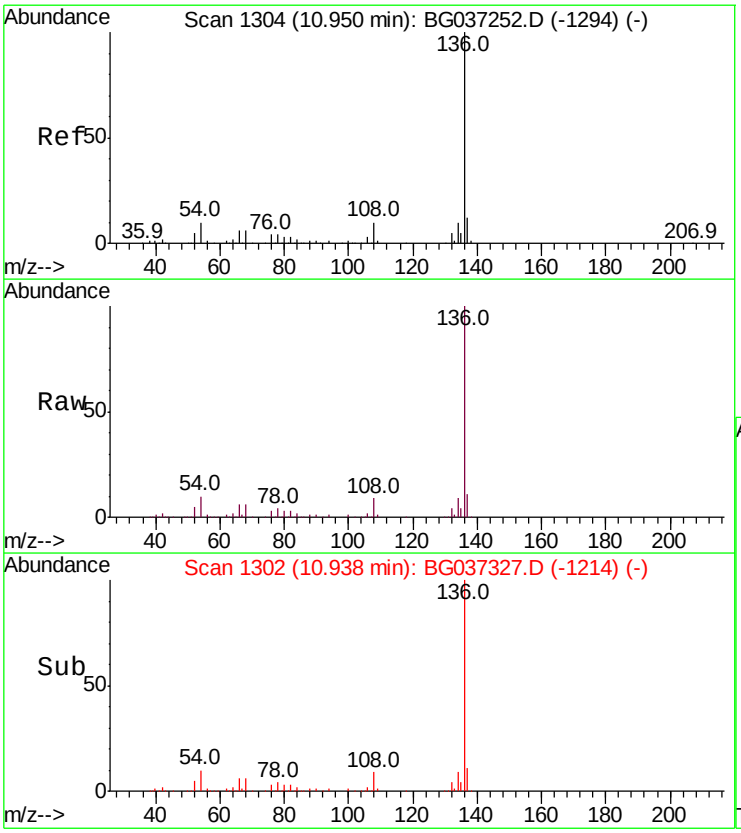
#7
Phenol-d6
Concen: 135.627 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG037327.D
Acq: 13 Oct 2018 15:14

Instrument :
BNA_G
ClientSampleId :
PB113715BL

Tgt Ion: 99 Resp: 730478

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	31.5	25.5	38.3

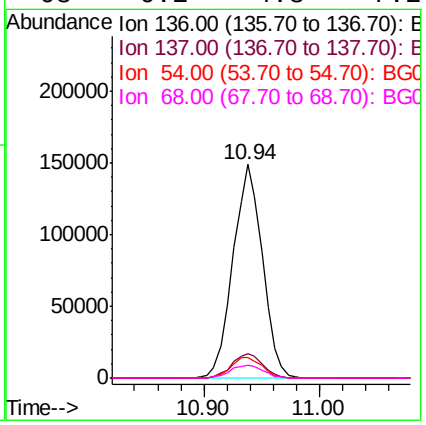


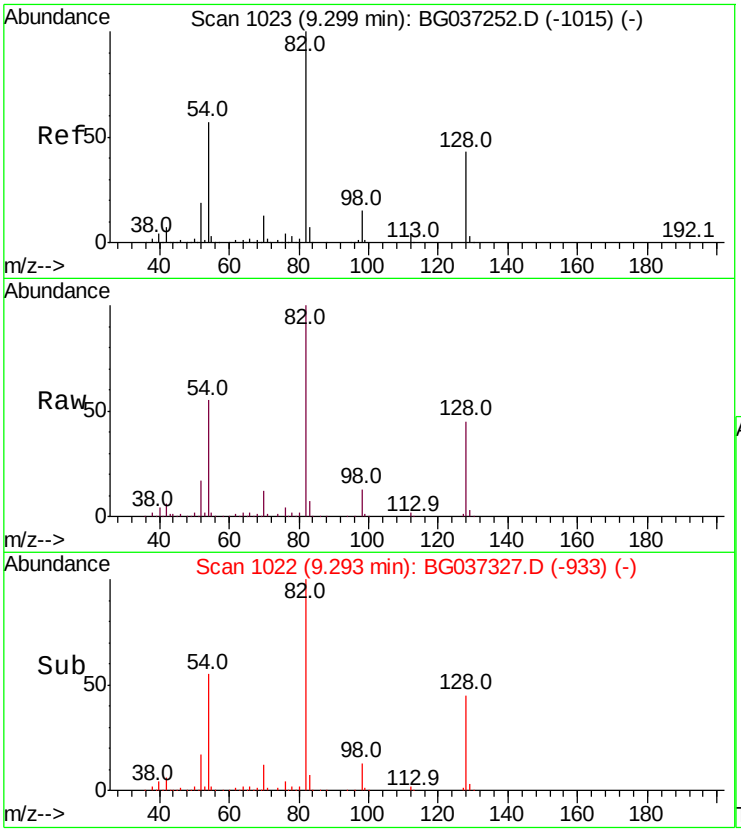


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037327.D
Acq: 13 Oct 2018 15:14

Tgt Ion:136 Resp: 261726

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.9	7.9	11.9
68	6.2	4.8	7.2



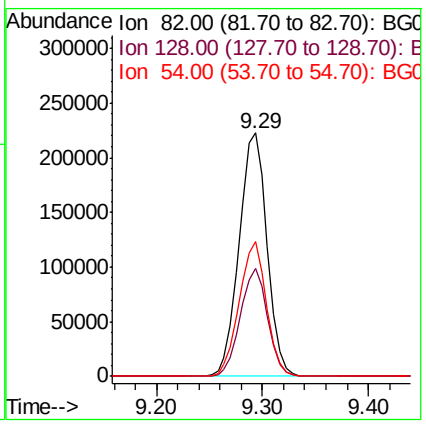


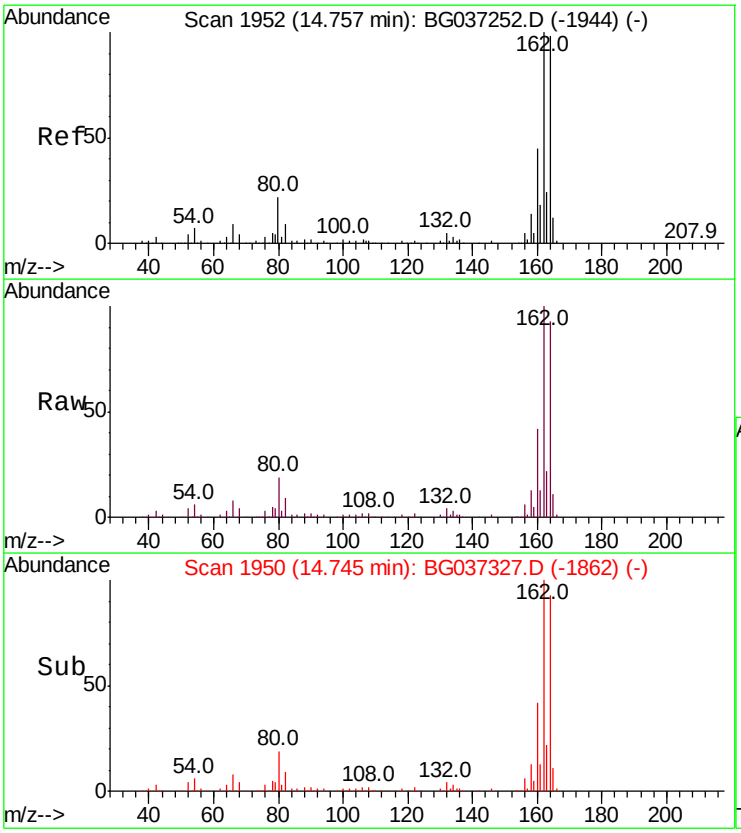
#23
Nitrobenzene-d5
Concen: 102.307 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037327.D
Acq: 13 Oct 2018 15:14

Instrument :
BNA_G
ClientSampleId :
PB113715BL

Tgt Ion: 82 Resp: 407279

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	55.2	45.3	67.9

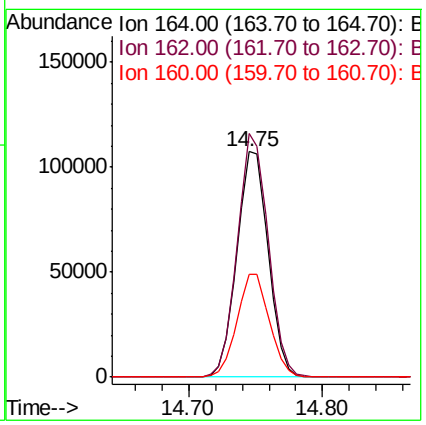


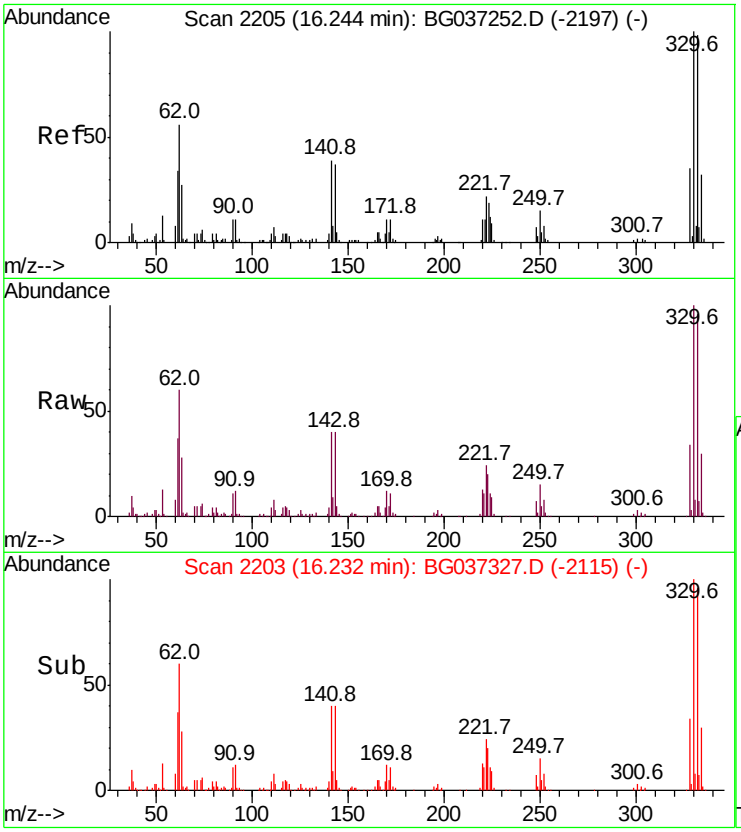


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037327.D
Acq: 13 Oct 2018 15:14

Tgt Ion:164 Resp: 173555

Ion	Ratio	Lower	Upper
164	100		
162	108.0	81.3	121.9
160	45.7	36.3	54.5



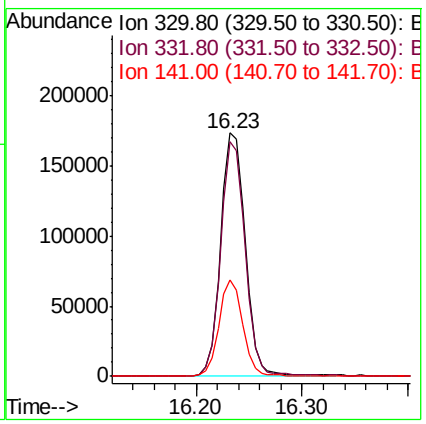


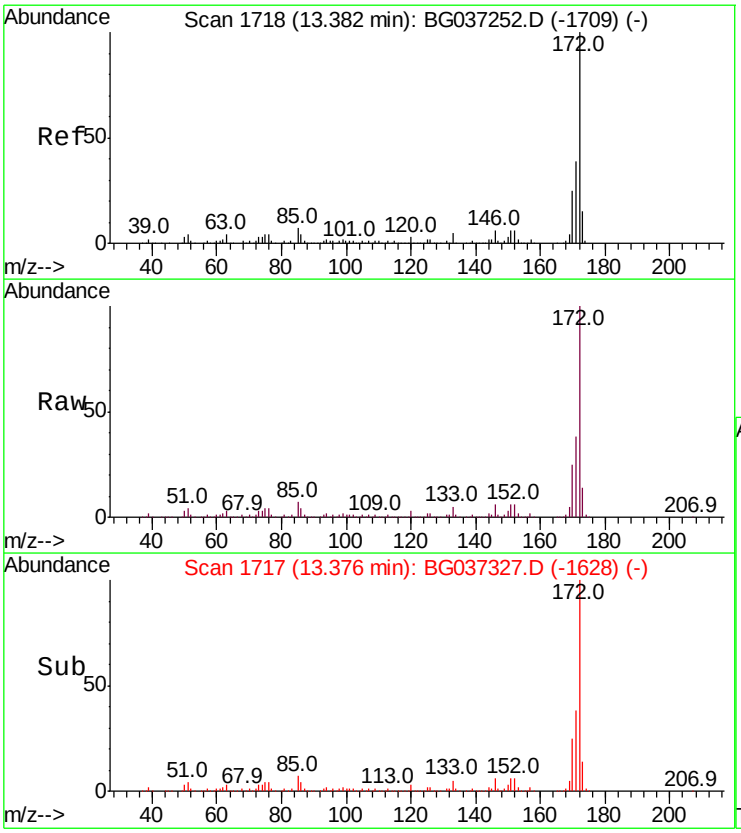
#42
2,4,6-Tribromophenol
Concen: 166.373 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037327.D
Acq: 13 Oct 2018 15:14

Instrument :
BNA_G
ClientSampleId :
PB113715BL

Tgt Ion:330 Resp: 283182

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	38.3	32.2	48.2

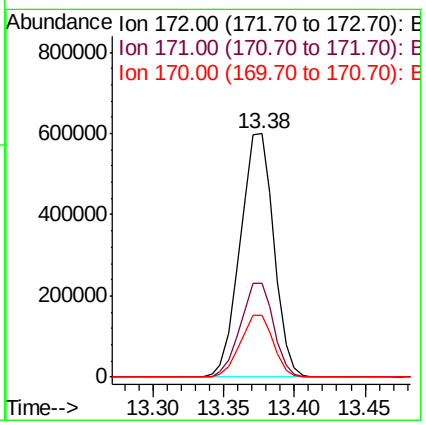


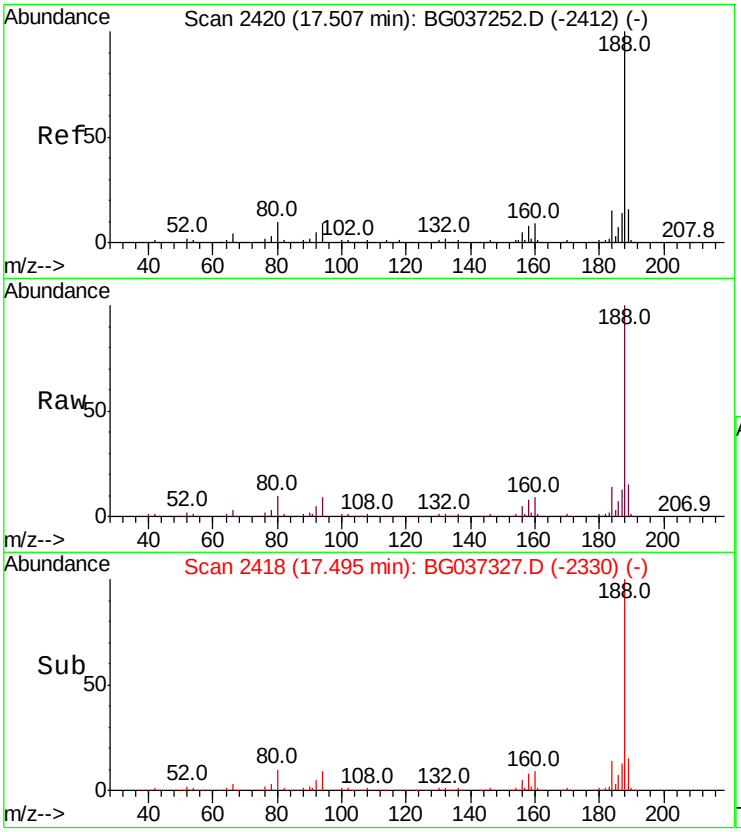


#45
2-Fluorobiphenyl
Concen: 86.644 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037327.D
Acq: 13 Oct 2018 15:14

Tgt Ion:172 Resp: 1001322

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.4	20.2	30.2



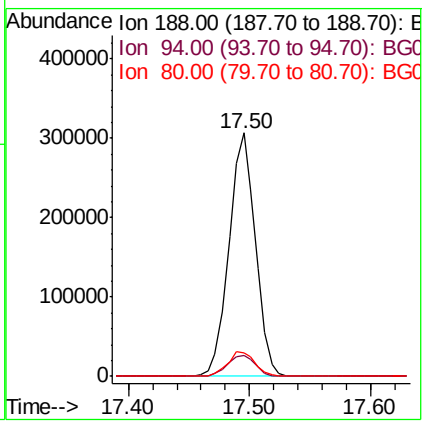


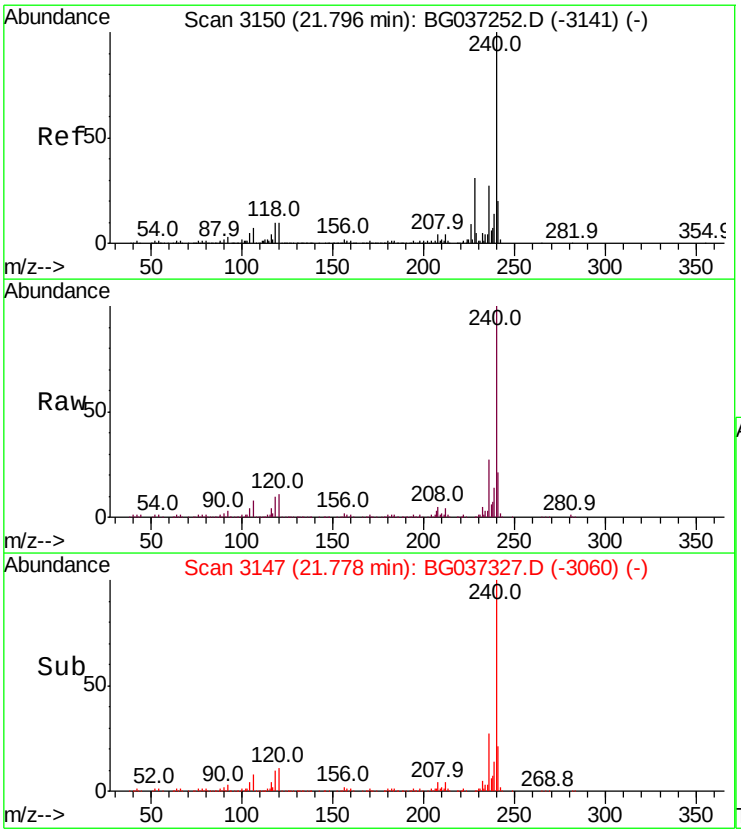
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037327.D
Acq: 13 Oct 2018 15:14

Instrument :
BNA_G
ClientSampleId :
PB113715BL

Tgt Ion:188 Resp: 465638

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.6	7.7	11.5

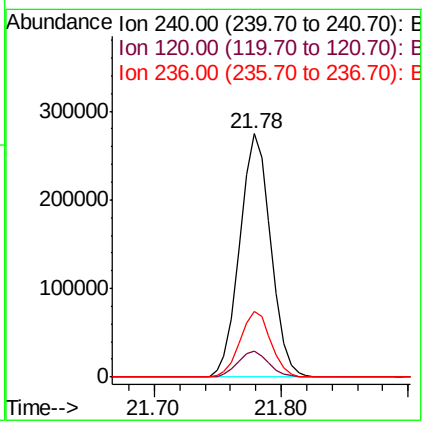


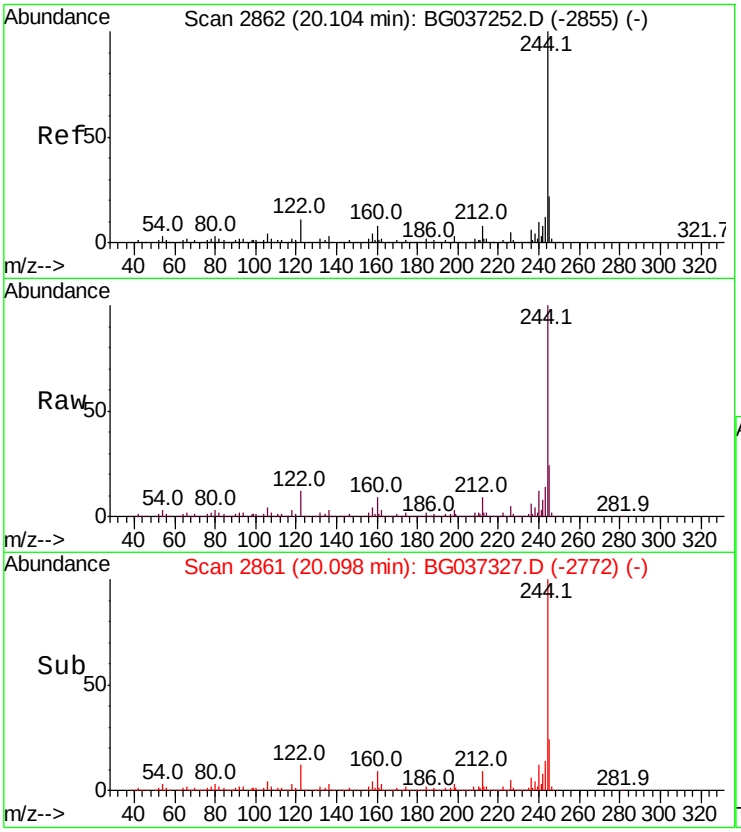


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037327.D
Acq: 13 Oct 2018 15:14

Tgt Ion:240 Resp: 466160

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	26.7	21.4	32.0



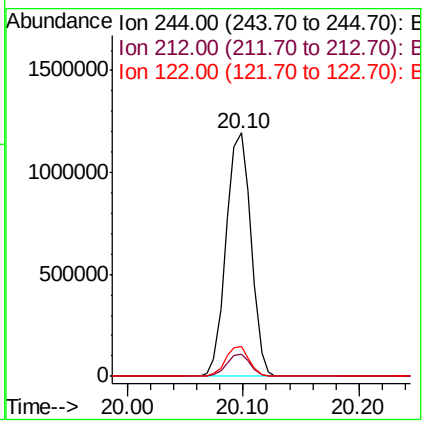


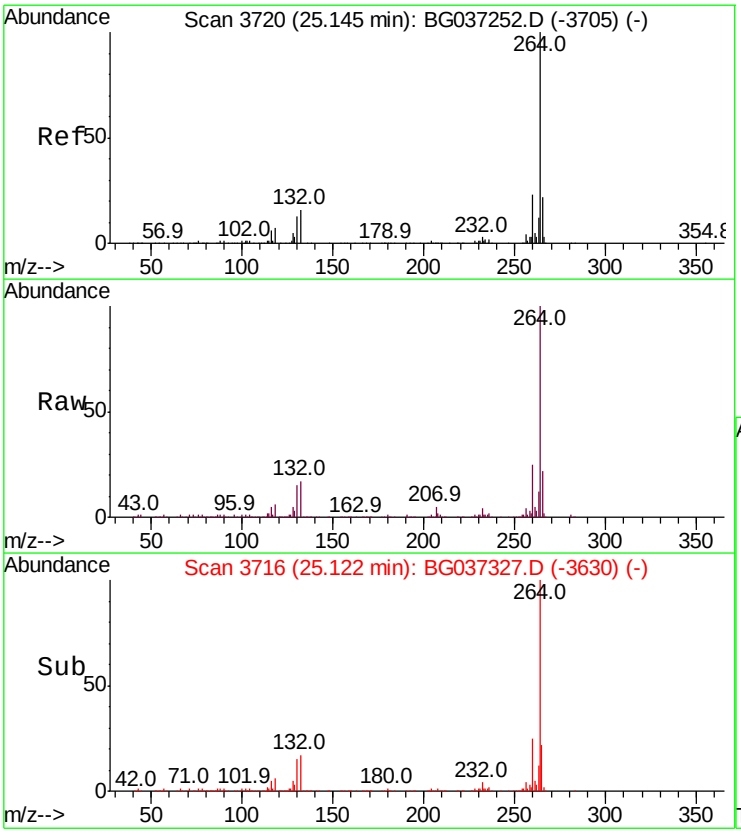
#79
Terphenyl-d14
Concen: 80.136 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BG037327.D
Acq: 13 Oct 2018 15:14

Instrument :
BNA_G
ClientSampleId :
PB113715BL

Tgt Ion:244 Resp: 1779086

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	12.2	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG037327.D
Acq: 13 Oct 2018 15:14

Tgt Ion:264 Resp: 466471

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	22.5	17.9	26.9