Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036112.D
Acq On : 4 Aug 2018 3:25
Operator : JU/SJ
Sample : J4310-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-2

Quant Time: Aug 04 04:47:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	27430	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	97714	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	71873	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	215317	20.00	ng	0.00
75) Chrysene-d12	21.67	240	240332	20.00	ng	0.01
86) Perylene-d12	24.87	264	213295	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	229471	138.89	ng	0.00
7) Phenol-d6	7.19	99	288897	117.20	ng	0.00
23) Nitrobenzene-d5	9.19	82	241585	103.28	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	158418	167.23	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	563990	105.13	ng	0.00
78) Terphenyl-d14	20.00	244	1237195	113.47	ng	0.00
Target Compounds						Qvalue

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

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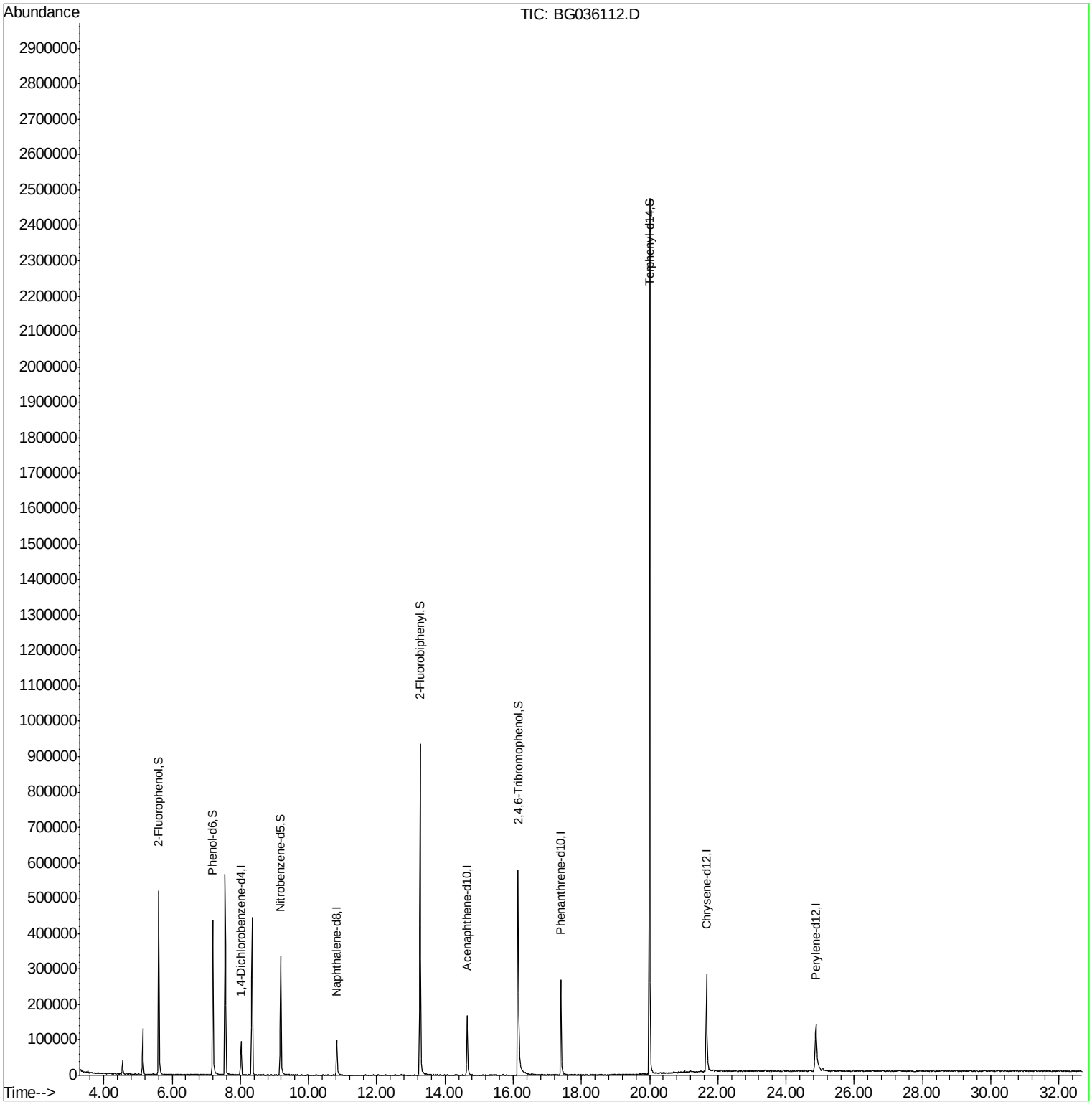
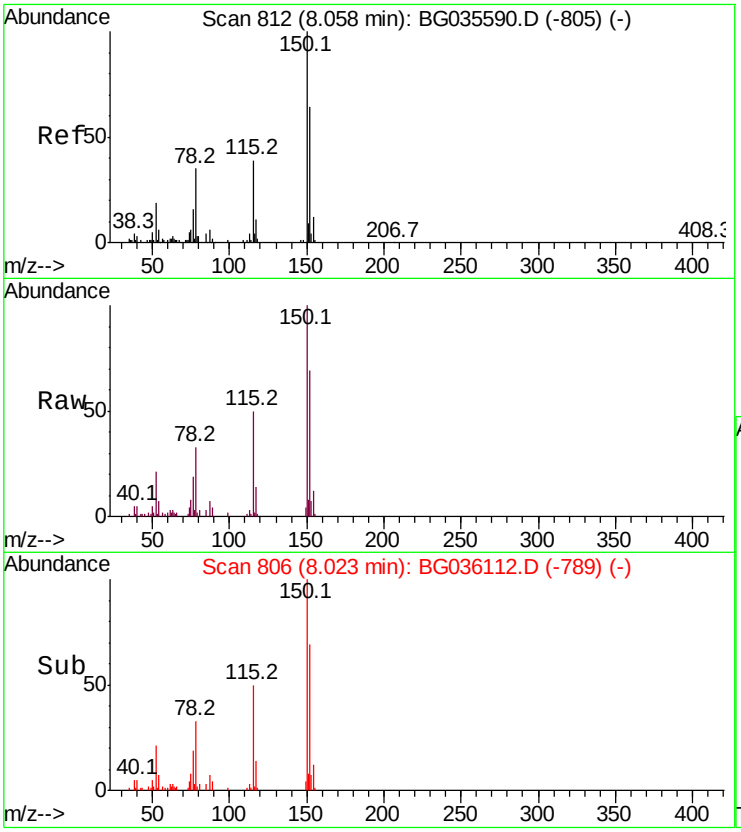


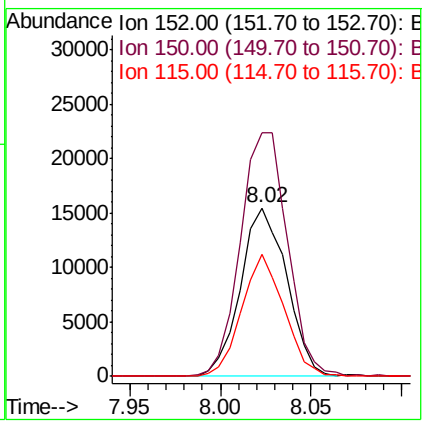


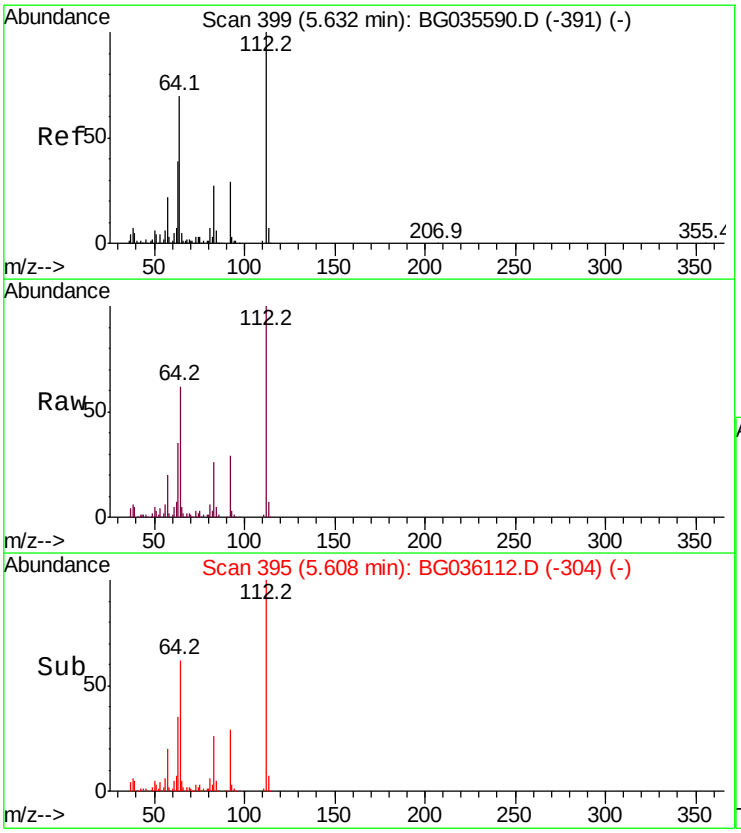
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036112.D
Acq: 4 Aug 2018 3:25

Instrument :
BNA_G
ClientSampleId :
C-2

Tgt Ion:152 Resp: 27430

Ion	Ratio	Lower	Upper
152	100		
150	144.5	126.6	189.8
115	72.6	53.0	79.4

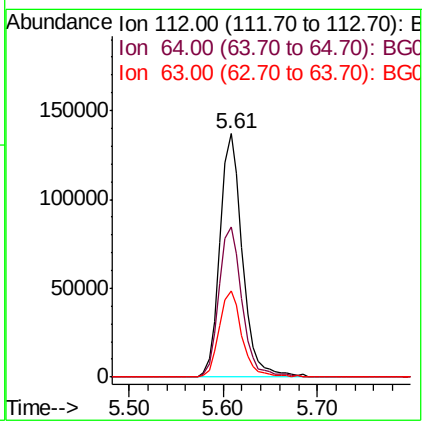


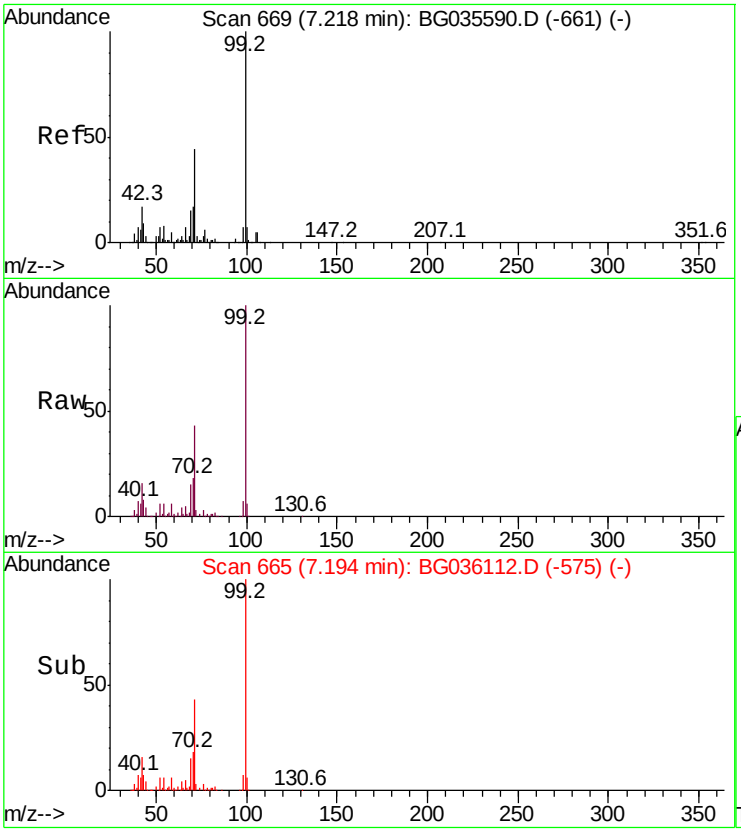


#5
2-Fluorophenol
Concen: 138.890 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG036112.D
Acq: 4 Aug 2018 3:25

Tgt Ion:112 Resp: 229471

Ion	Ratio	Lower	Upper
112	100		
64	61.8	56.3	84.5
63	35.2	30.1	45.1



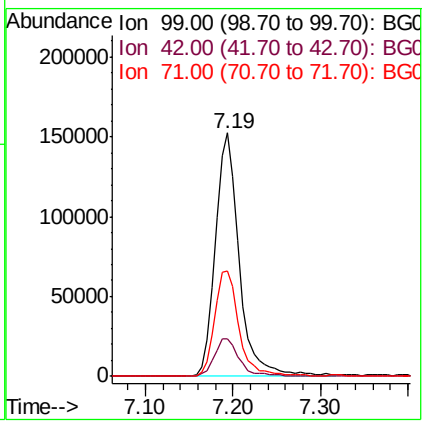


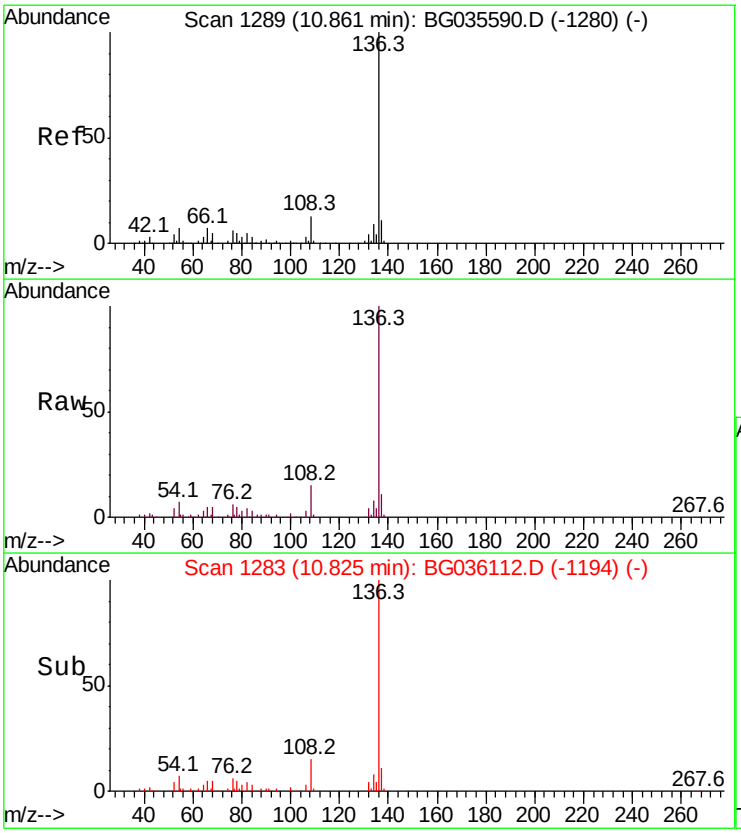
#7
Phenol-d6
Concen: 117.198 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.00 min
Lab File: BG036112.D
Acq: 4 Aug 2018 3:25

Instrument :
BNA_G
ClientSampleId :
C-2

Tgt Ion: 99 Resp: 288897

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	43.2	26.1	39.1#

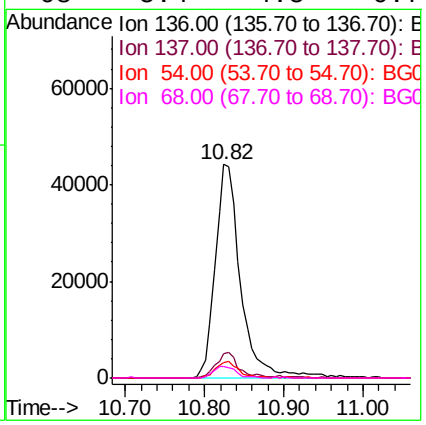


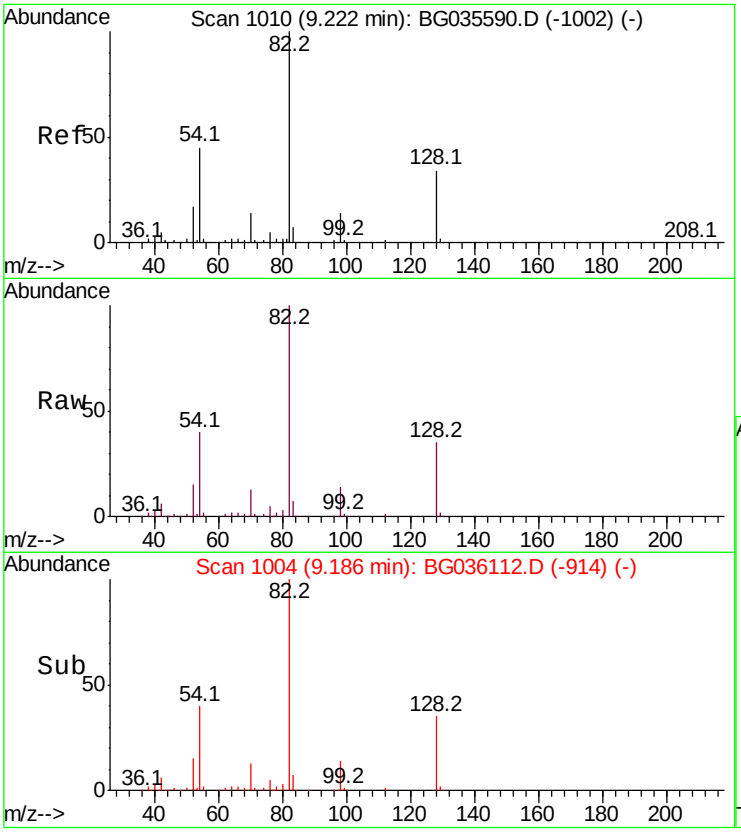


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036112.D
Acq: 4 Aug 2018 3:25

Tgt Ion:136 Resp: 97714

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.4	10.3	15.5#
68	5.4	4.5	6.7



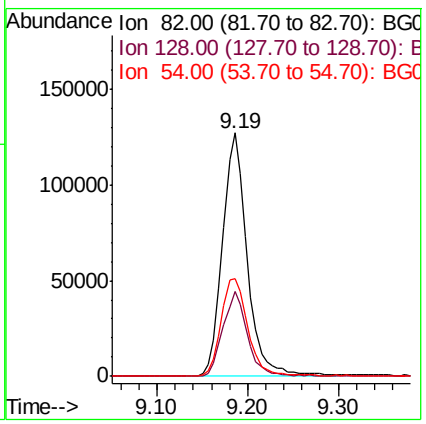


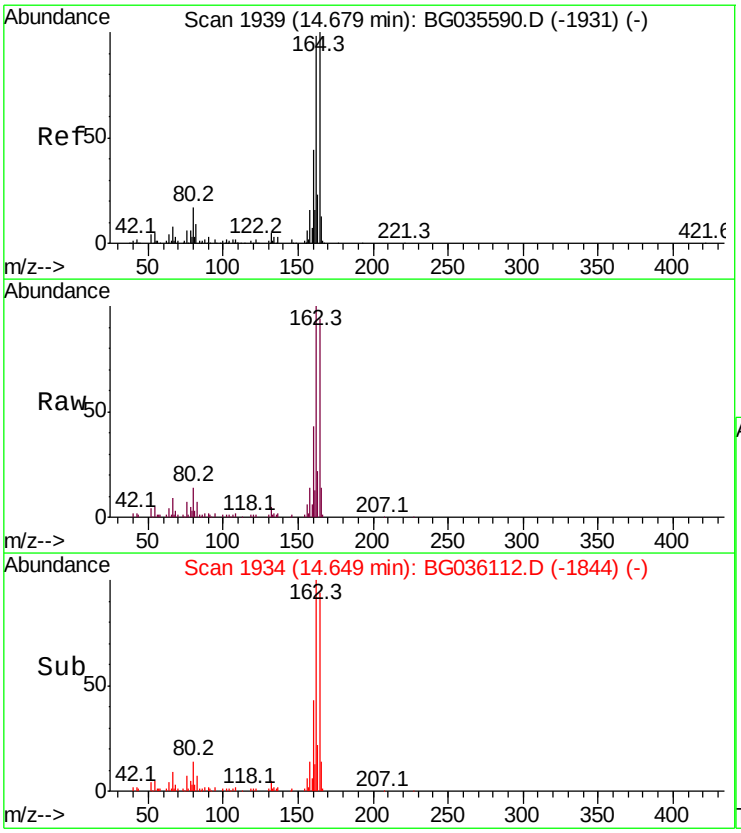
#23
Nitrobenzene-d5
Concen: 103.283 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036112.D
Acq: 4 Aug 2018 3:25

Instrument :
BNA_G
ClientSampleId :
C-2

Tgt Ion: 82 Resp: 241585

Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	40.1	43.1	64.7#

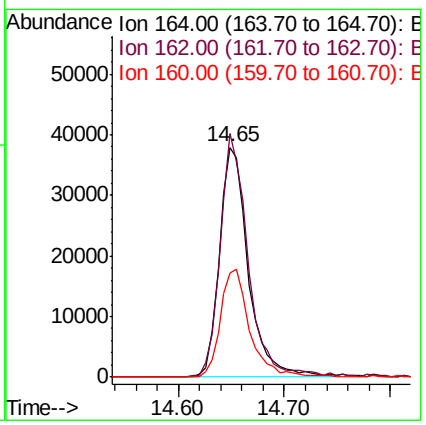


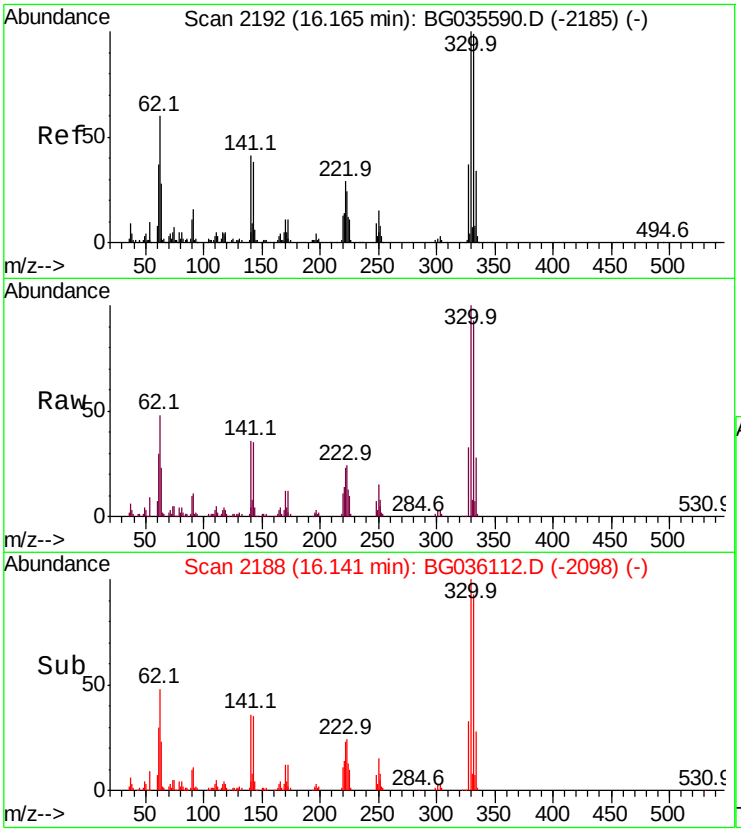


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG036112.D
Acq: 4 Aug 2018 3:25

Tgt Ion:164 Resp: 71873

Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.8	118.2
160	45.2	35.4	53.0



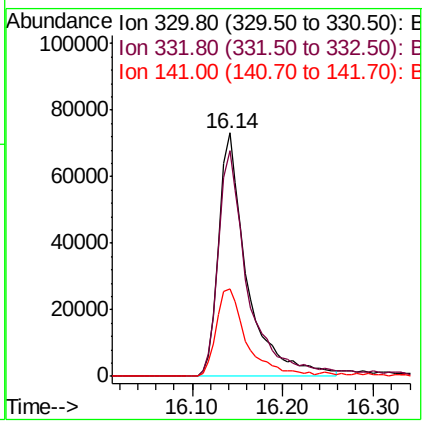


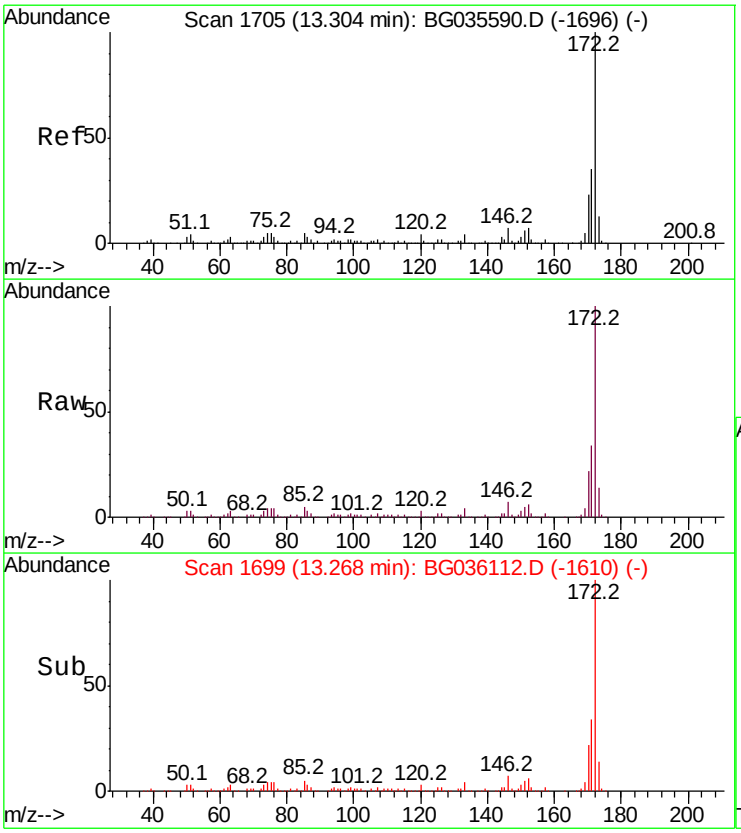
#41
2,4,6-Tribromophenol
Concen: 167.225 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG036112.D
Acq: 4 Aug 2018 3:25

Instrument :
BNA_G
ClientSampleId :
C-2

Tgt Ion:330 Resp: 158418

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	38.6	25.2	37.8#

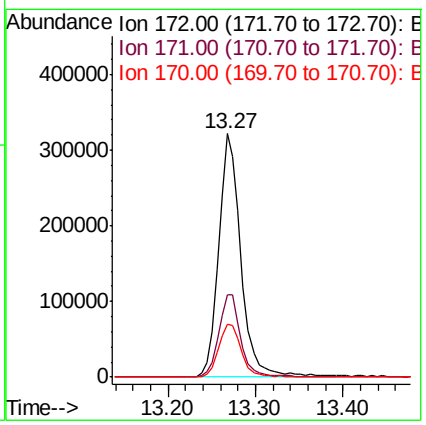


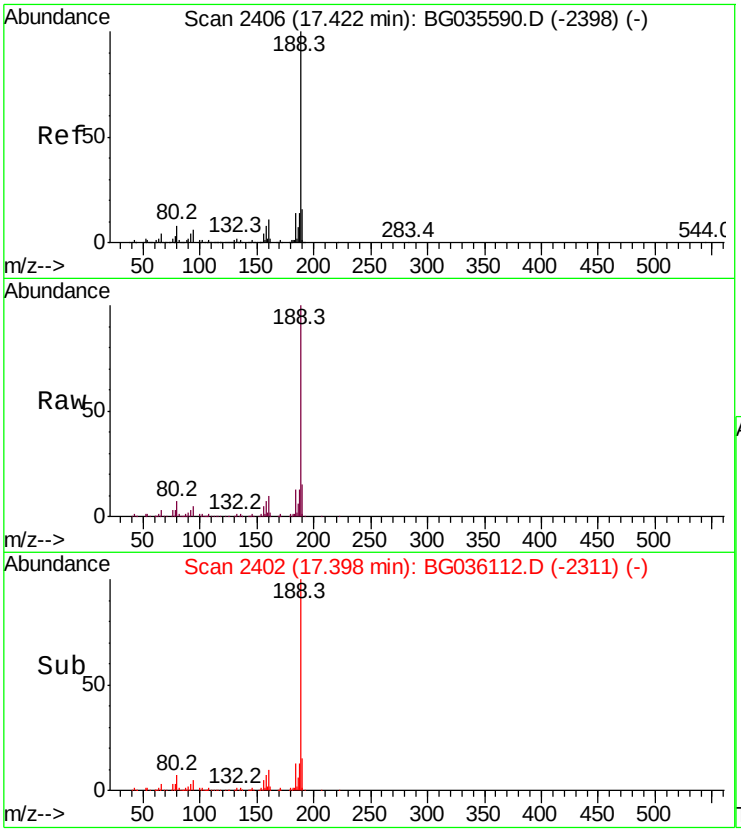


#44
2-Fluorobiphenyl
Concen: 105.130 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036112.D
Acq: 4 Aug 2018 3:25

Tgt Ion:172 Resp: 563990

Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	21.8	19.5	29.3



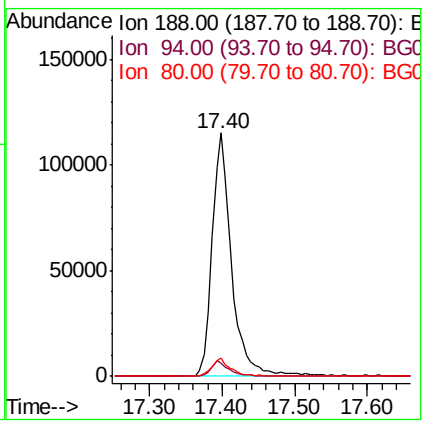


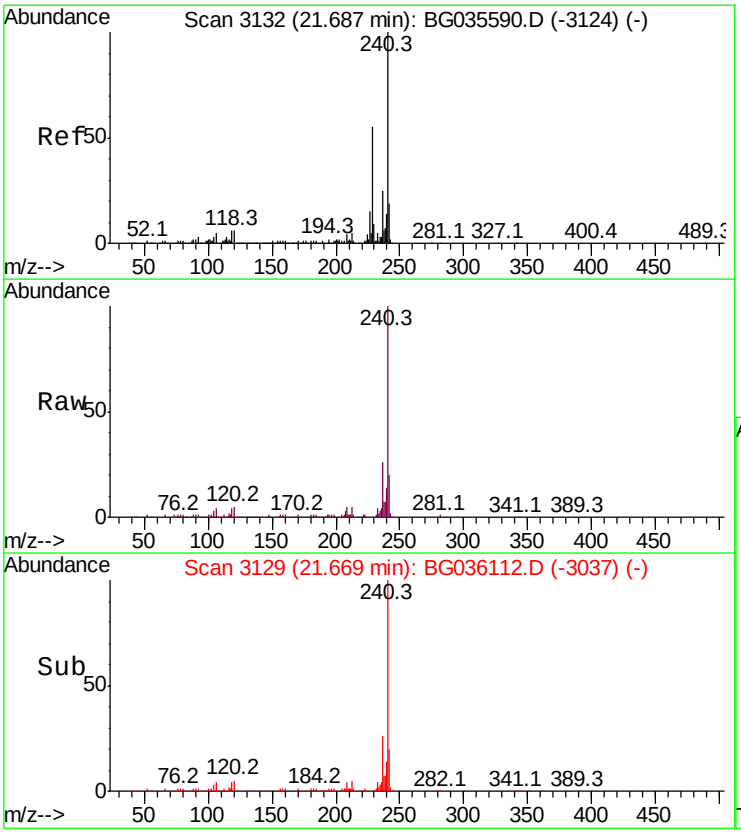
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BG036112.D
Acq: 4 Aug 2018 3:25

Instrument :
BNA_G
ClientSampleId :
C-2

Tgt Ion:188 Resp: 215317

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	7.5	7.7	11.5#

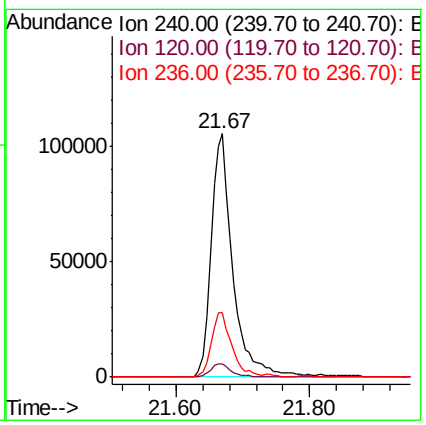


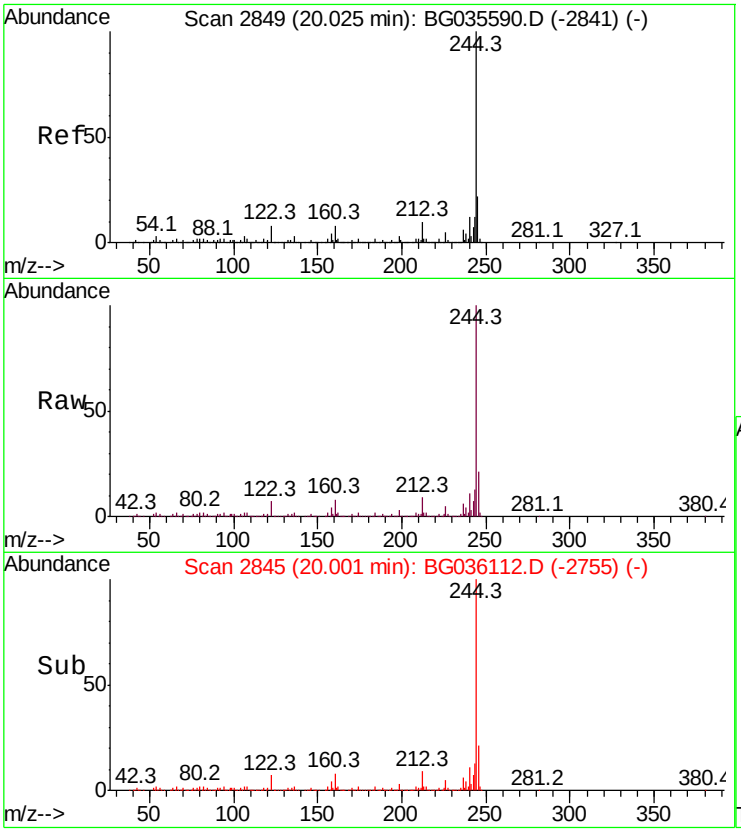


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BG036112.D
Acq: 4 Aug 2018 3:25

Tgt Ion:240 Resp: 240332

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	26.4	20.9	31.3



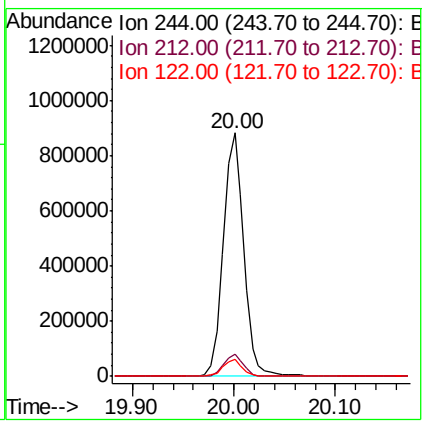


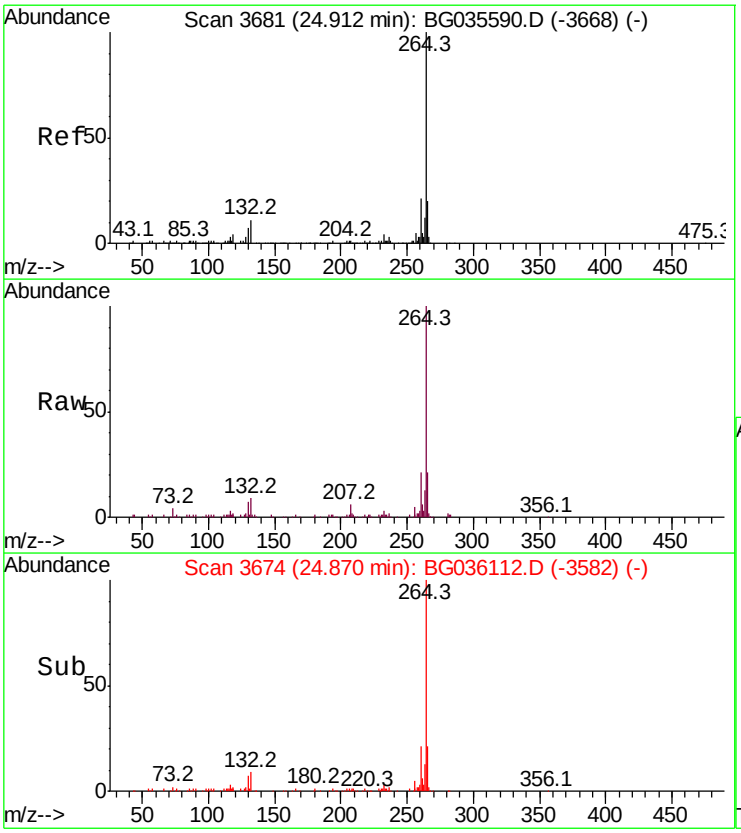
#78
Terphenyl-d14
Concen: 113.474 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG036112.D
Acq: 4 Aug 2018 3:25

Instrument :
BNA_G
ClientSampleId :
C-2

Tgt Ion:244 Resp: 1237195

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	6.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3674
Delta R.T. 0.01 min
Lab File: BG036112.D
Acq: 4 Aug 2018 3:25

Tgt Ion:264 Resp: 213295

Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.4	26.0
265	21.3	17.7	26.5