Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036100.D
Acq On : 3 Aug 2018 18:53
Operator : JU/SJ
Sample : J4303-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELDBLANK

Quant Time: Aug 04 02:31:43 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	28174	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	98407	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	71029	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	194521	20.00	ng	0.00
75) Chrysene-d12	21.66	240	230594	20.00	ng	0.00
86) Perylene-d12	24.86	264	207313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	98398	57.98	ng	0.00
7) Phenol-d6	7.19	99	78733	31.10	ng	0.00
23) Nitrobenzene-d5	9.19	82	248462	105.47	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	160851	171.81	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	557771	105.21	ng	0.00
78) Terphenyl-d14	20.00	244	1192348	113.98	ng	0.00
Target Compounds						Qvalue

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

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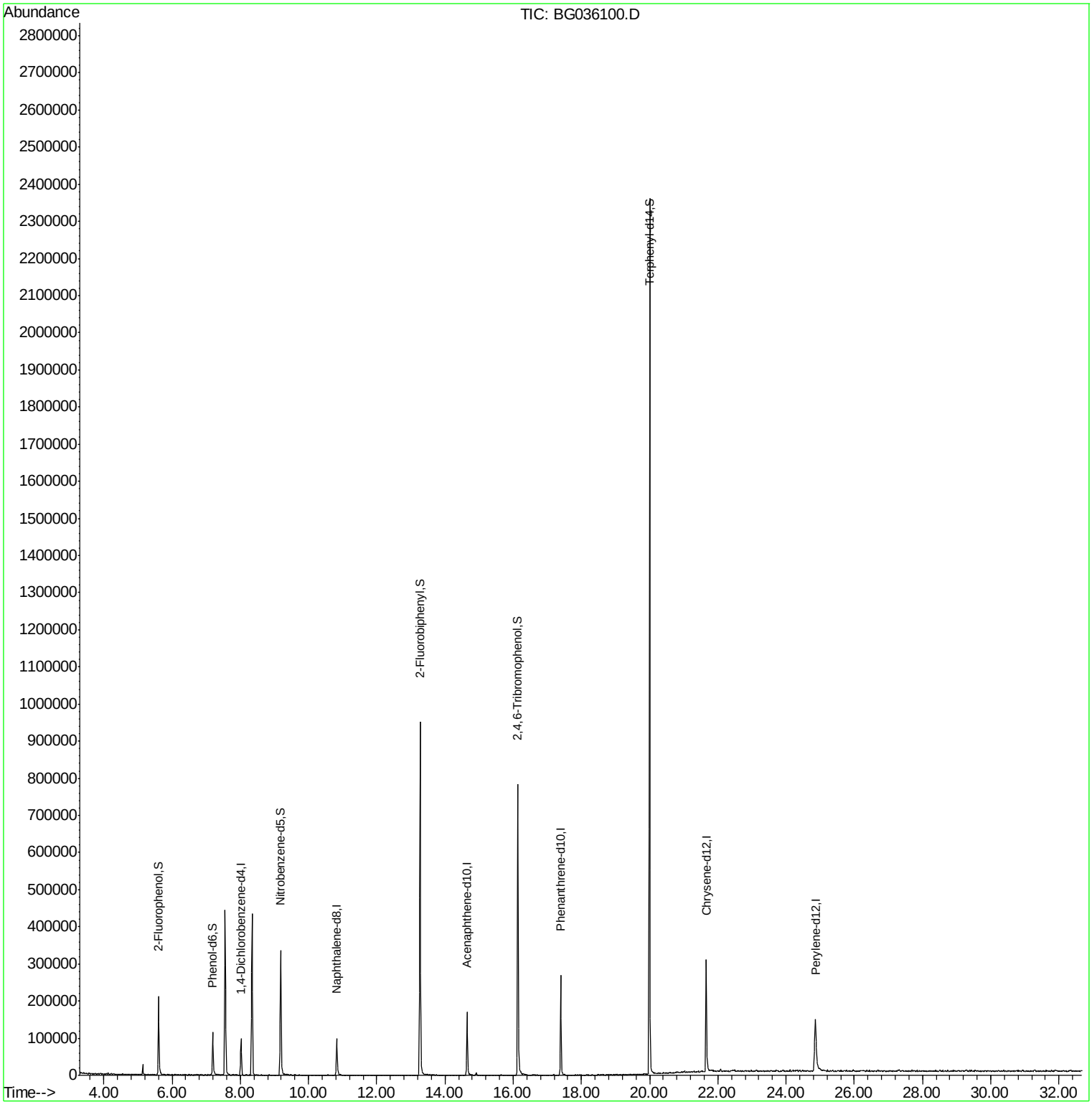
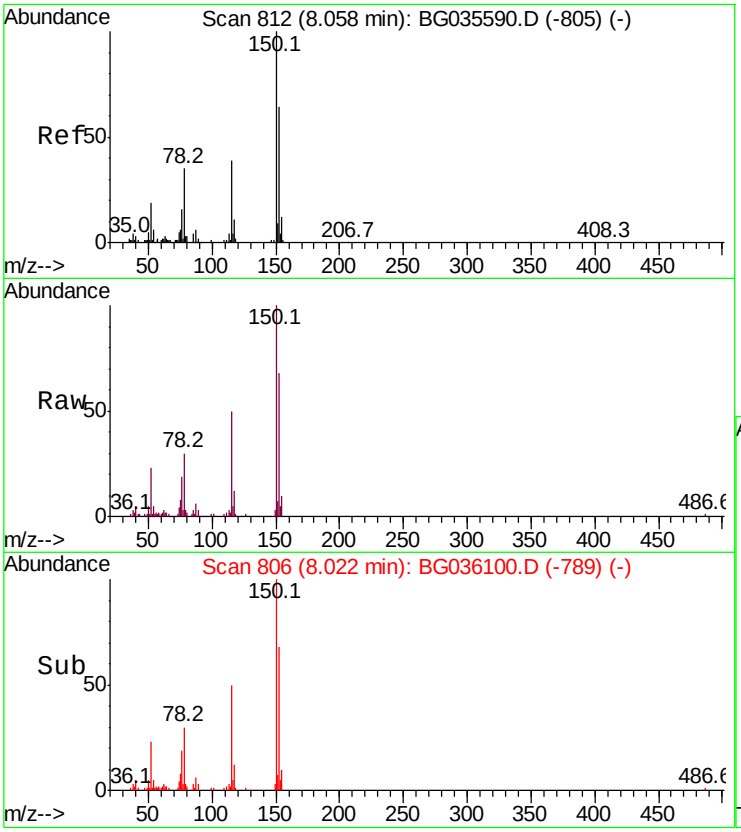


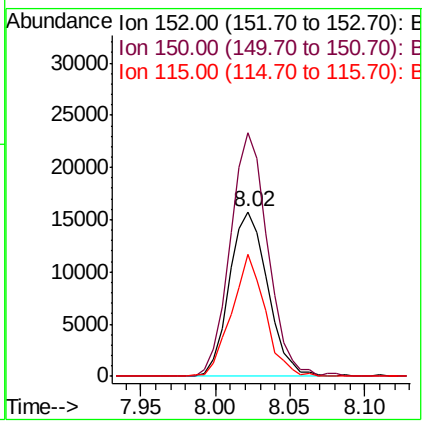


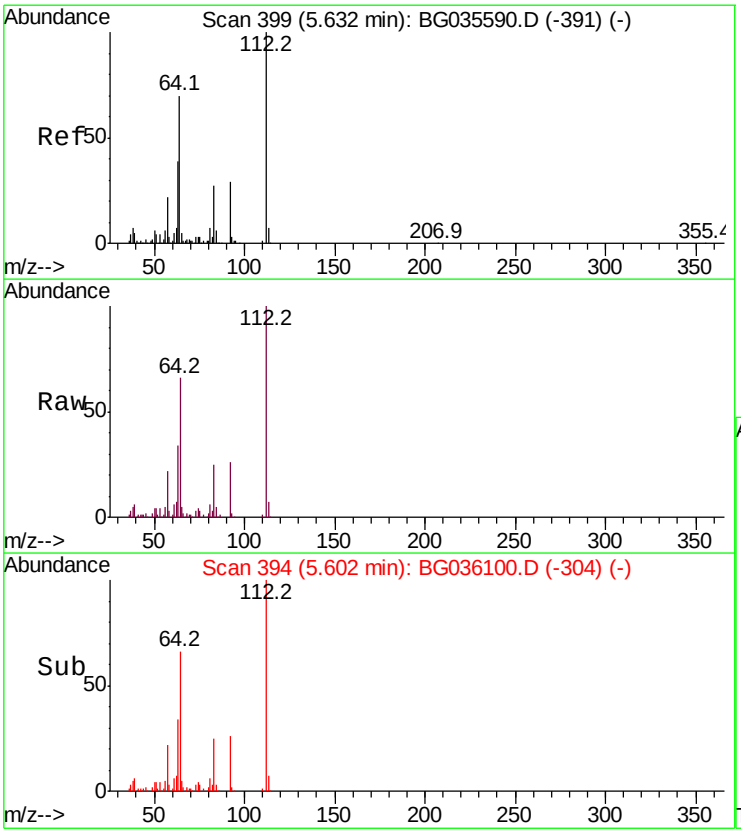
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036100.D
Acq: 3 Aug 2018 18:53

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion:152 Resp: 28174

Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.6	189.8
115	73.8	53.0	79.4

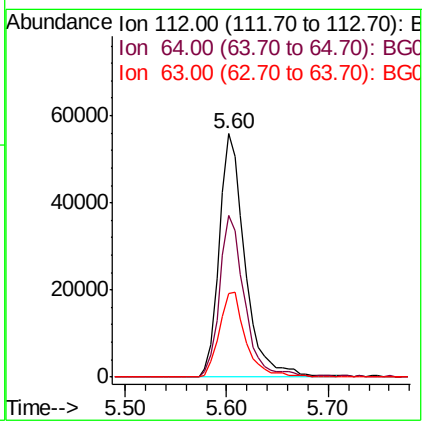


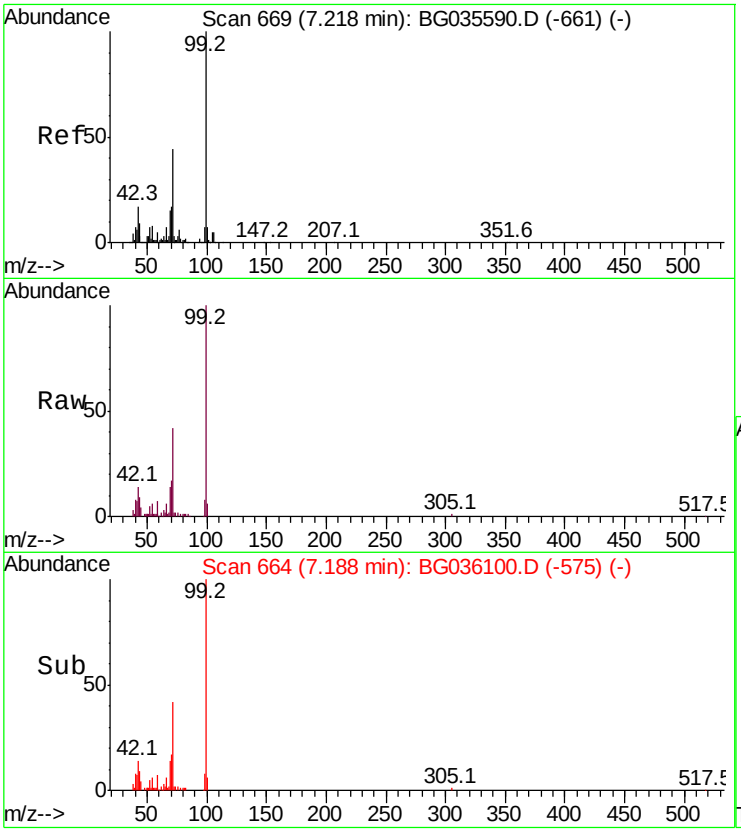


#5
2-Fluorophenol
Concen: 57.984 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036100.D
Acq: 3 Aug 2018 18:53

Tgt Ion:112 Resp: 98398

Ion	Ratio	Lower	Upper
112	100		
64	66.4	56.3	84.5
63	34.2	30.1	45.1



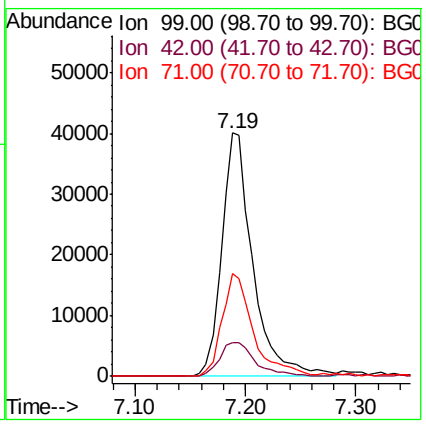


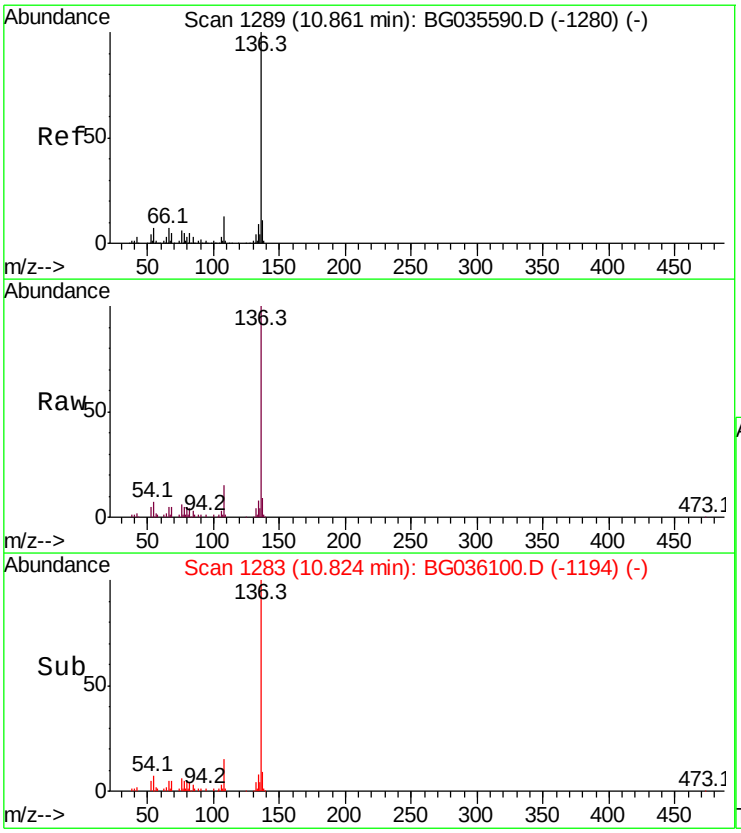
#7
Phenol-d6
Concen: 31.097 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG036100.D
Acq: 3 Aug 2018 18:53

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion: 99 Resp: 78733

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.1	21.1#
71	42.1	26.1	39.1#

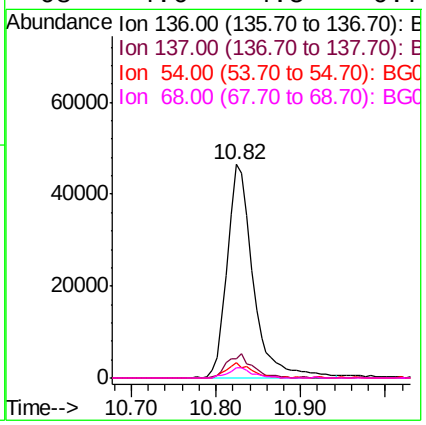


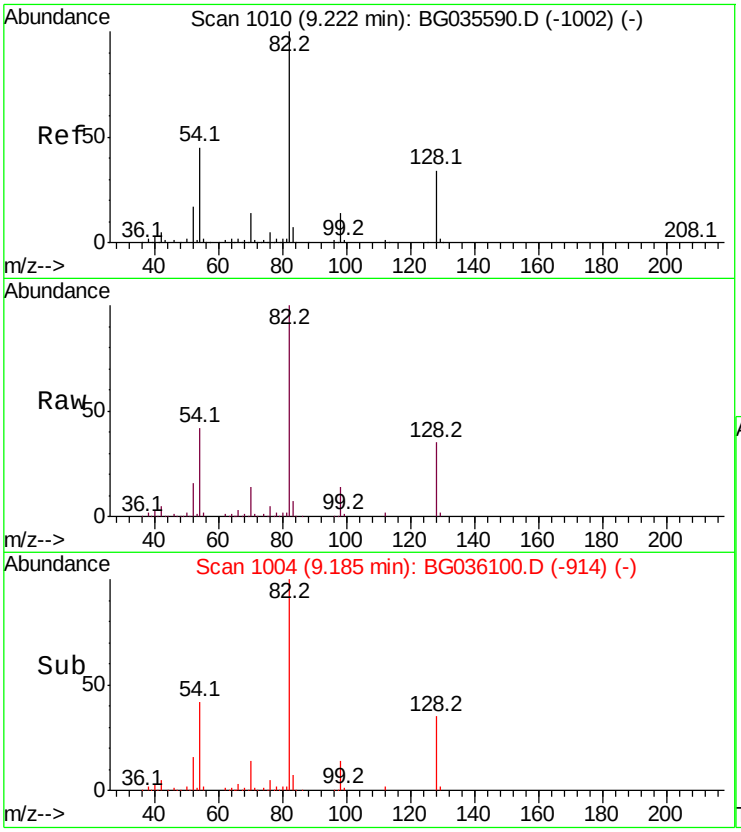


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036100.D
Acq: 3 Aug 2018 18:53

Tgt Ion:136 Resp: 98407

Ion	Ratio	Lower	Upper
136	100		
137	9.1	9.2	13.8#
54	7.4	10.3	15.5#
68	4.6	4.5	6.7



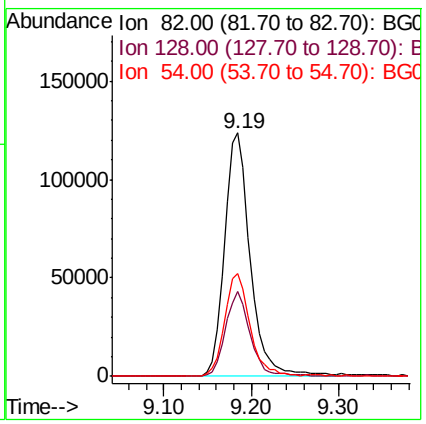


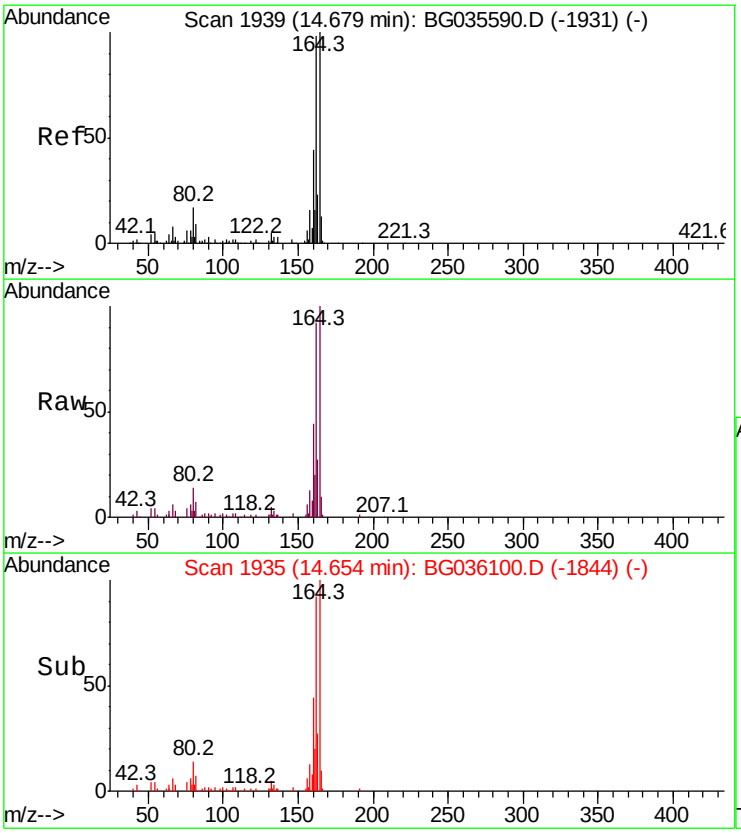
#23
Nitrobenzene-d5
Concen: 105.475 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036100.D
Acq: 3 Aug 2018 18:53

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion: 82 Resp: 248462

Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	42.0	43.1	64.7#

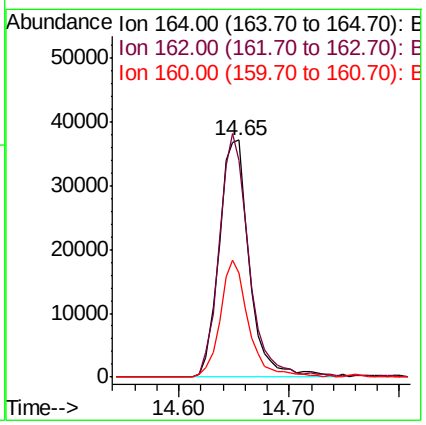


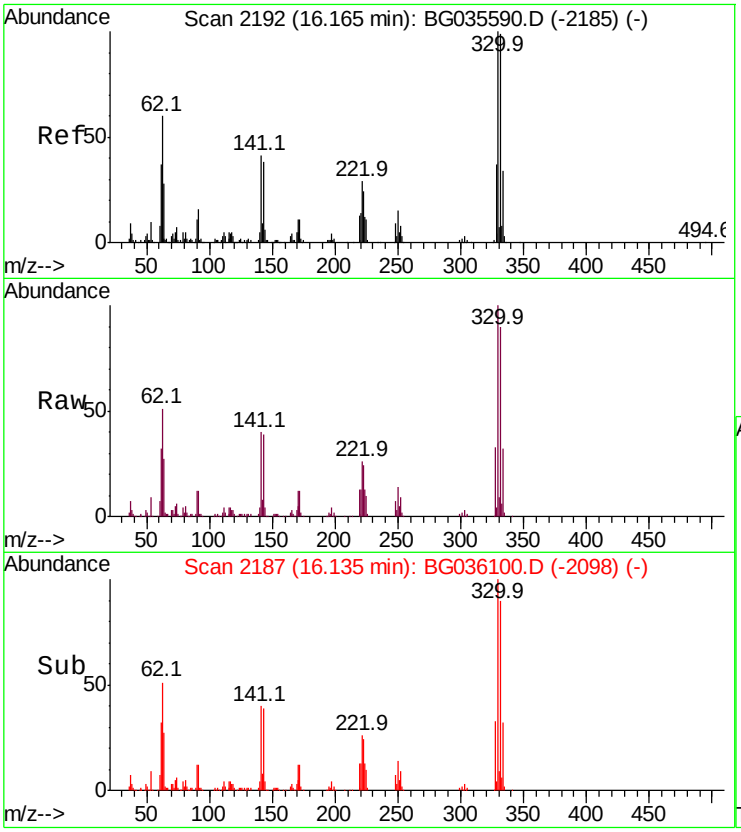


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG036100.D
Acq: 3 Aug 2018 18:53

Tgt Ion:164 Resp: 71029

Ion	Ratio	Lower	Upper
164	100		
162	91.7	78.8	118.2
160	44.0	35.4	53.0



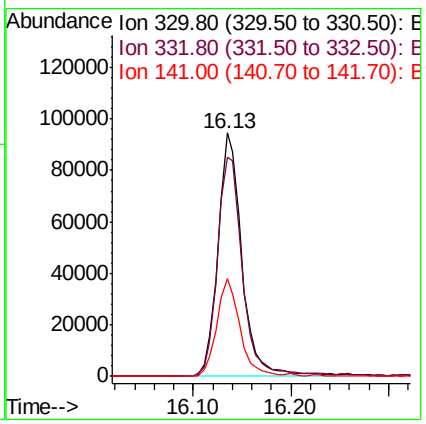


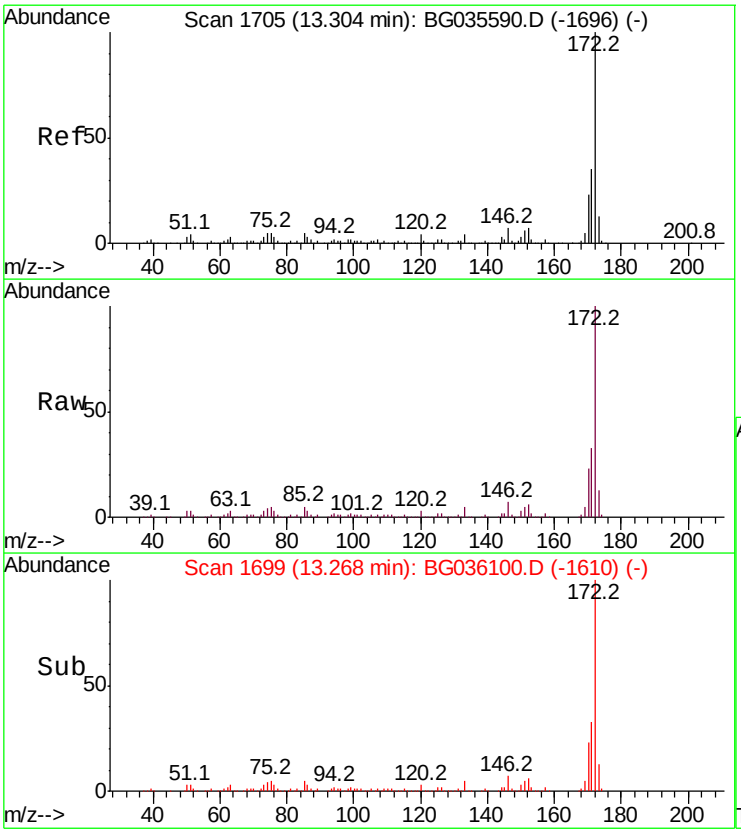
#41
2,4,6-Tribromophenol
Concen: 171.811 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036100.D
Acq: 3 Aug 2018 18:53

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion:330 Resp: 160851

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	39.0	25.2	37.8#

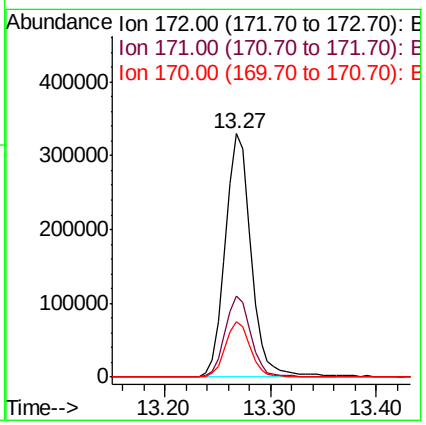


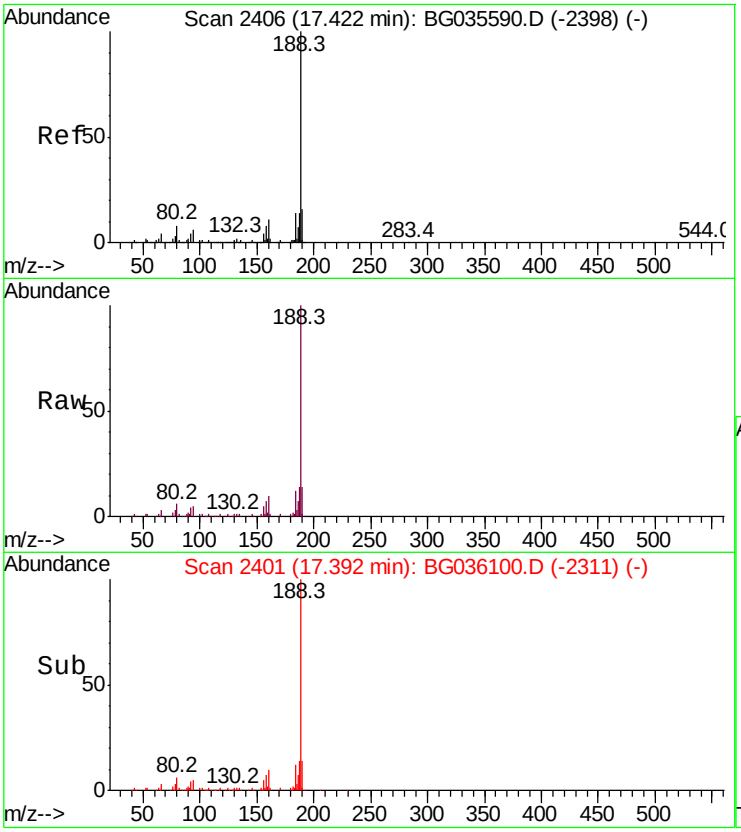


#44
2-Fluorobiphenyl
Concen: 105.206 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036100.D
Acq: 3 Aug 2018 18:53

Tgt Ion:172 Resp: 557771

Ion	Ratio	Lower	Upper
172	100		
171	33.2	30.0	45.0
170	22.8	19.5	29.3



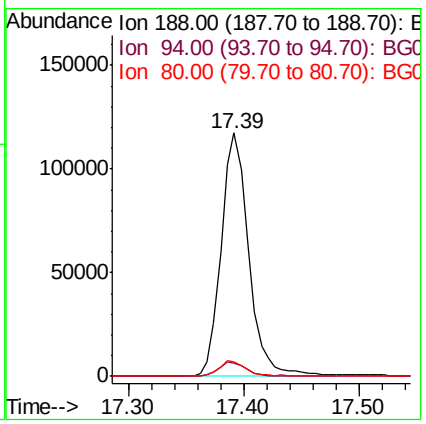


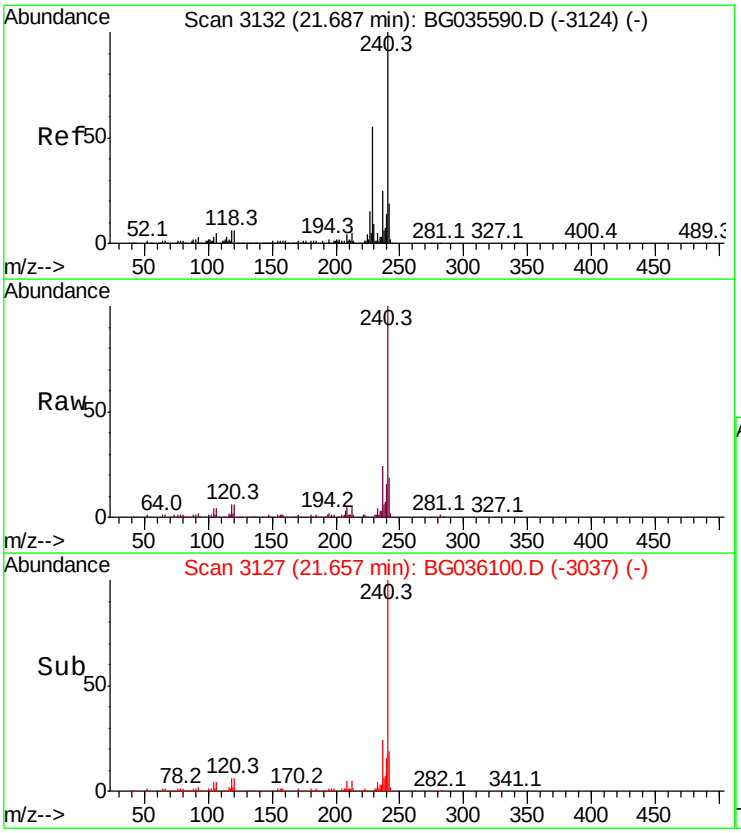
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036100.D
Acq: 3 Aug 2018 18:53

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion:188 Resp: 194521

Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	6.1	7.7	11.5#

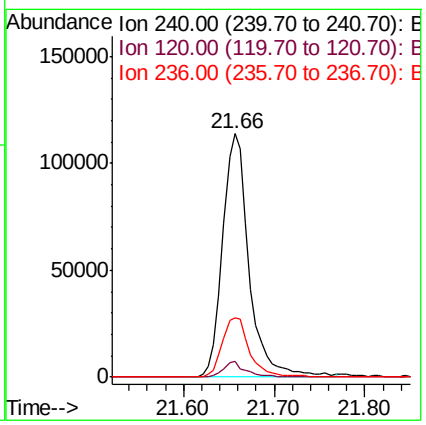


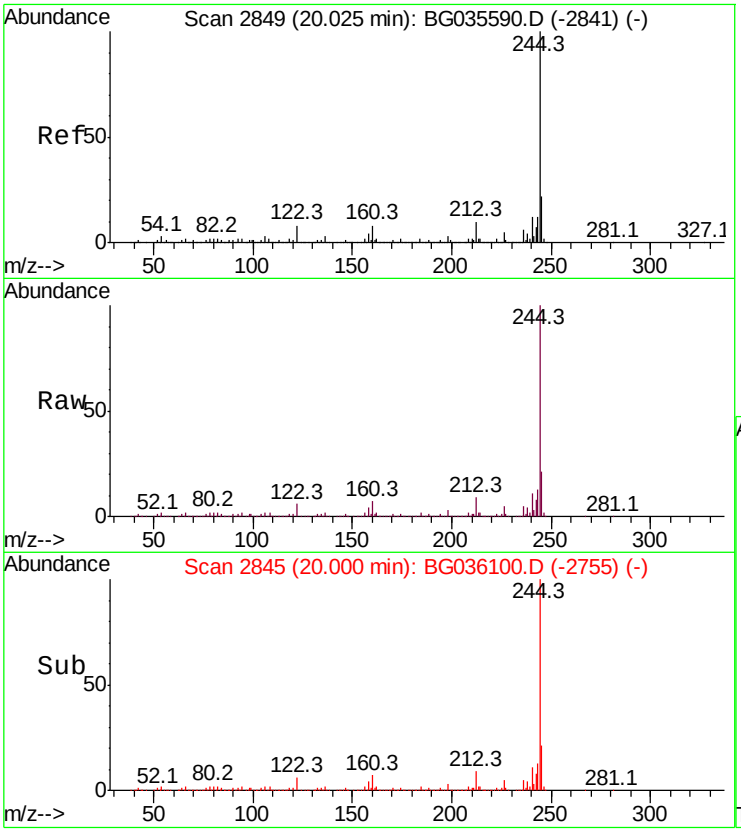


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG036100.D
Acq: 3 Aug 2018 18:53

Tgt Ion:240 Resp: 230594

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	24.3	20.9	31.3



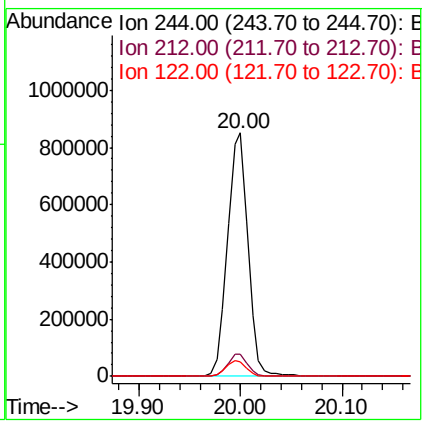


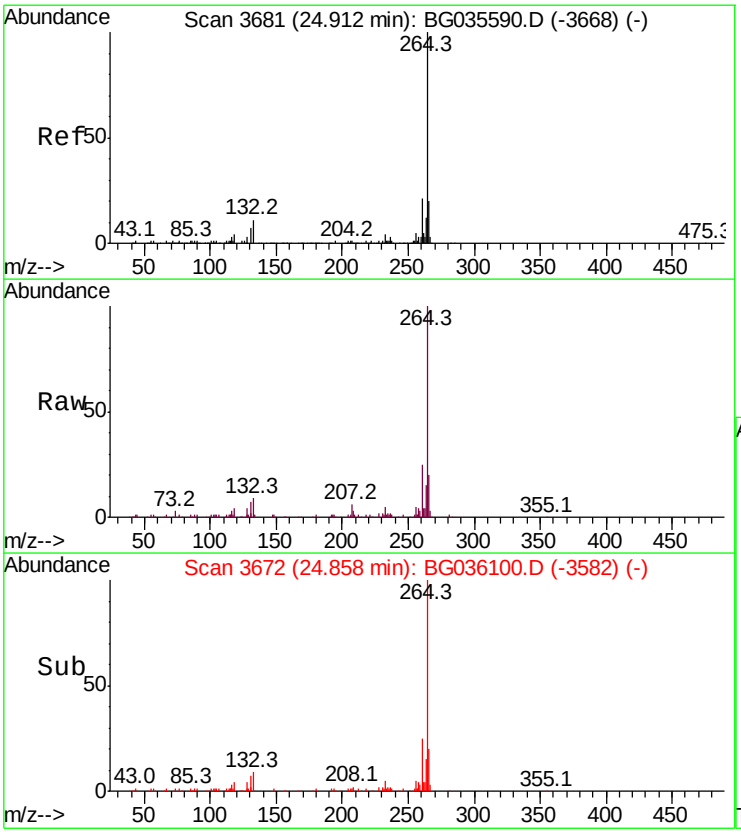
#78
Terphenyl-d14
Concen: 113.979 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG036100.D
Acq: 3 Aug 2018 18:53

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion:244 Resp: 1192348

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	5.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG036100.D
Acq: 3 Aug 2018 18:53

Tgt Ion:264 Resp: 207313

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	20.1	17.7	26.5