Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036170.D
Acq On : 7 Aug 2018 20:21
Operator : JU/SJ
Sample : PB111837BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111837BL

Quant Time: Aug 08 02:02:38 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	8.00	152	28880	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	99604	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	72404	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	216246	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	241738	20.00	ng	-0.02
86) Perylene-d12	24.83	264	233082	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	248698	142.97	ng	0.00
7) Phenol-d6	7.18	99	344443	132.72	ng	-0.01
23) Nitrobenzene-d5	9.17	82	230667	96.74	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	172702	180.97	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	544214	100.70	ng	-0.02
78) Terphenyl-d14	19.99	244	1214271	110.72	ng	-0.01

Target Compounds	Qvalue

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

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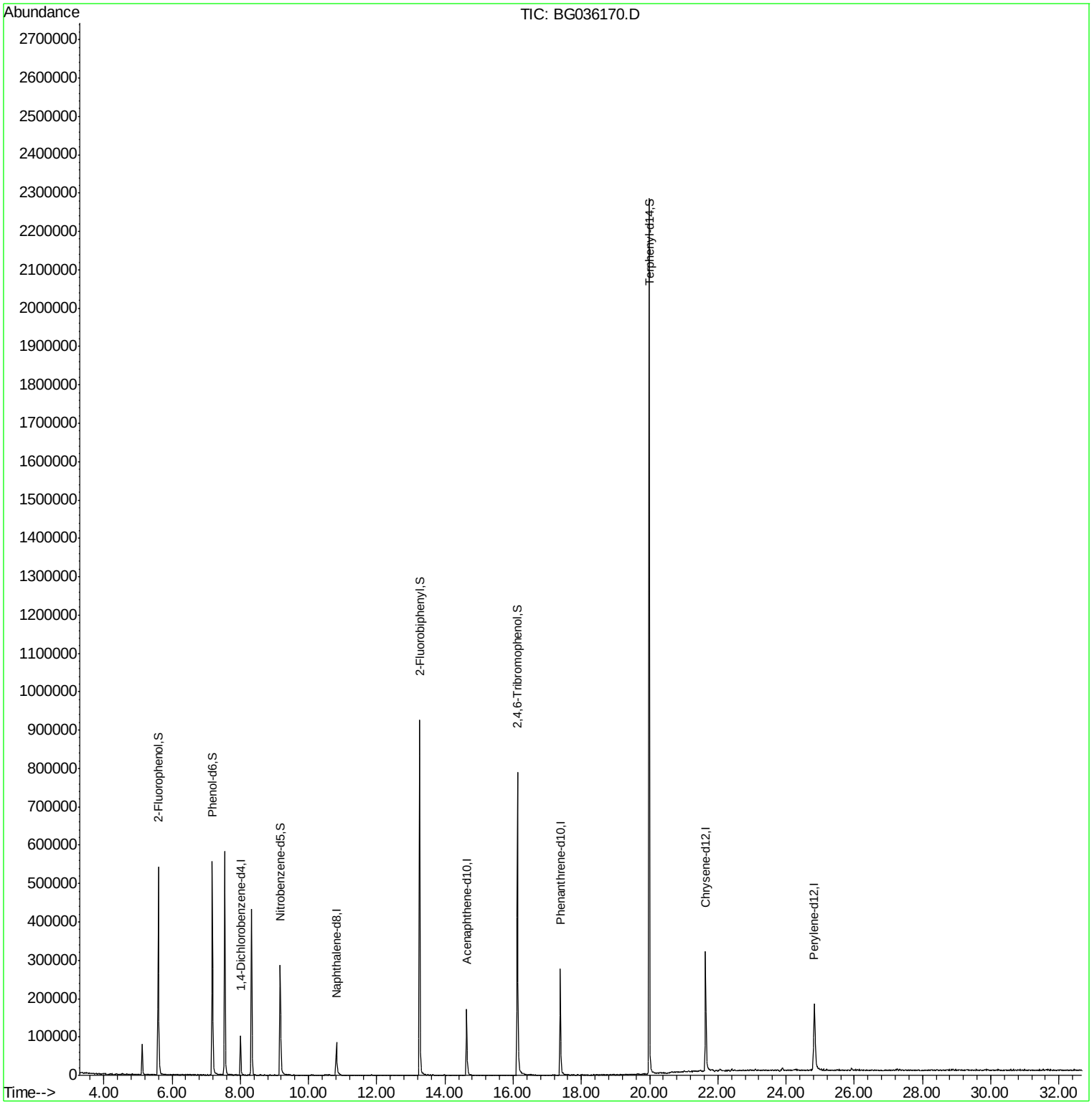
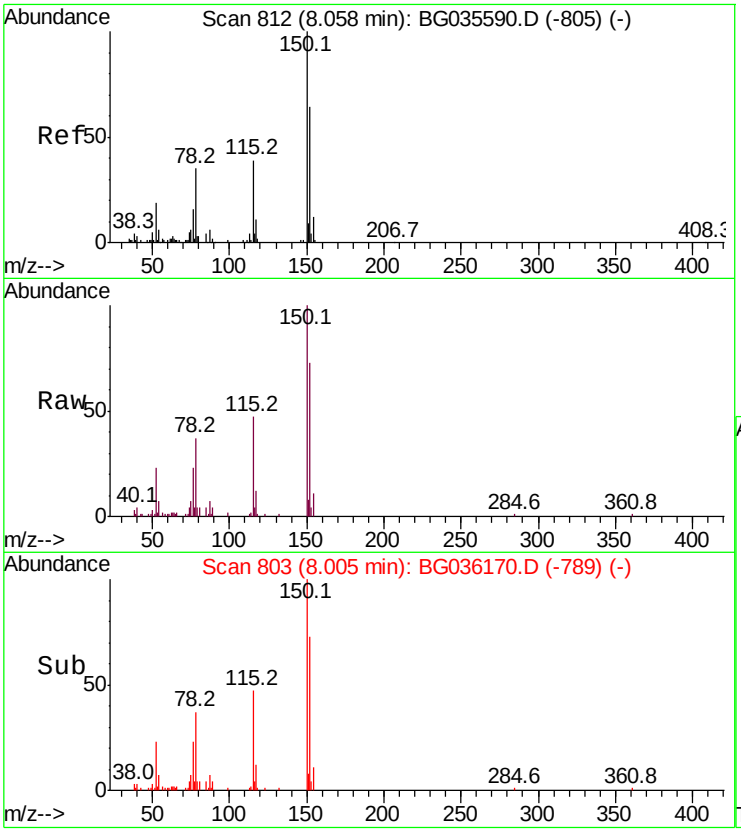


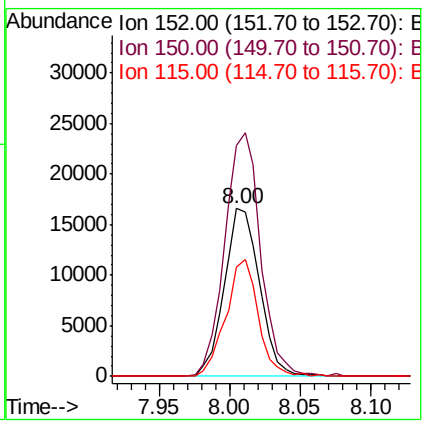


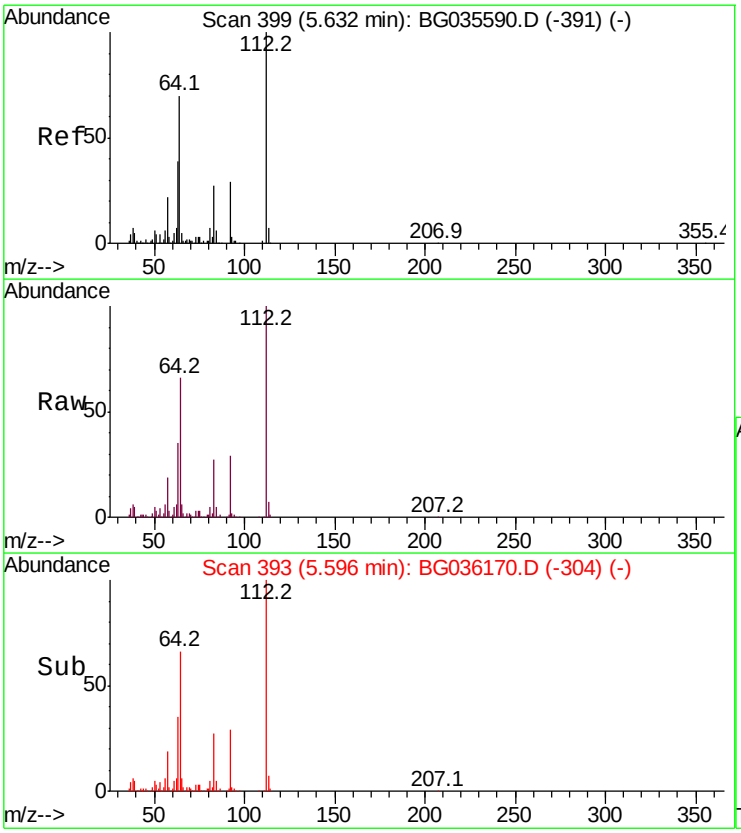
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036170.D
Acq: 7 Aug 2018 20:21

Instrument :
BNA_G
ClientSampleId :
PB111837BL

Tgt Ion:152 Resp: 28880

Ion	Ratio	Lower	Upper
152	100		
150	137.5	126.6	189.8
115	64.9	53.0	79.4

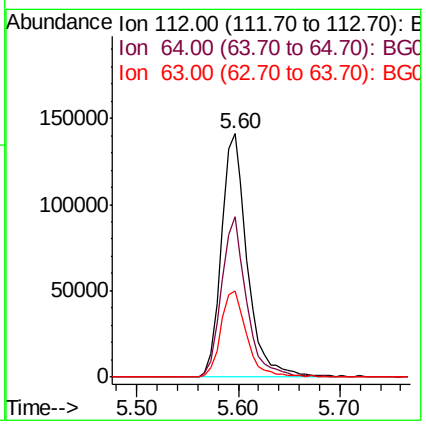


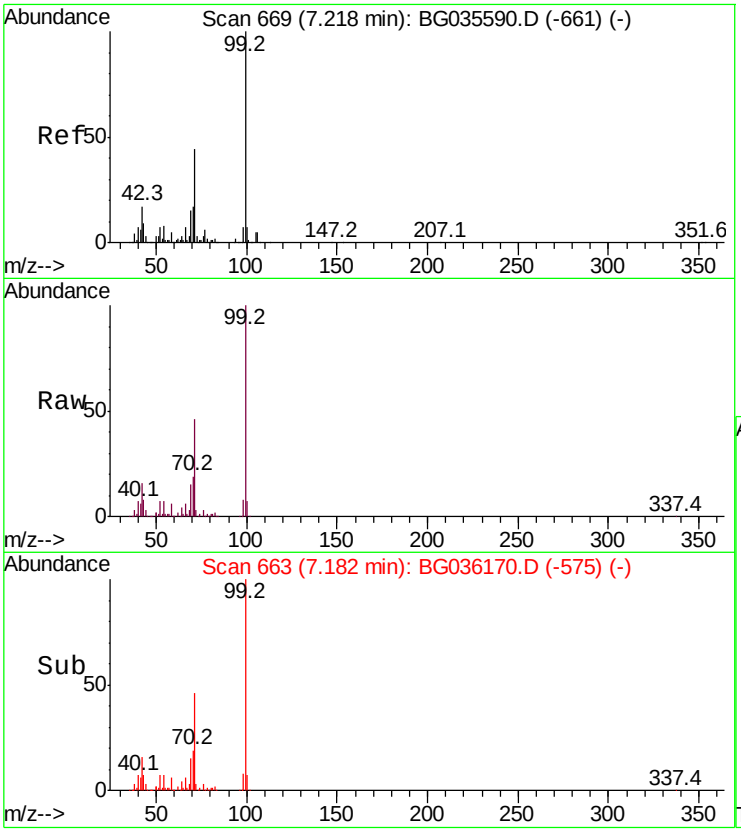


#5
2-Fluorophenol
Concen: 142.970 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036170.D
Acq: 7 Aug 2018 20:21

Tgt Ion:112 Resp: 248698

Ion	Ratio	Lower	Upper
112	100		
64	66.1	56.3	84.5
63	35.2	30.1	45.1



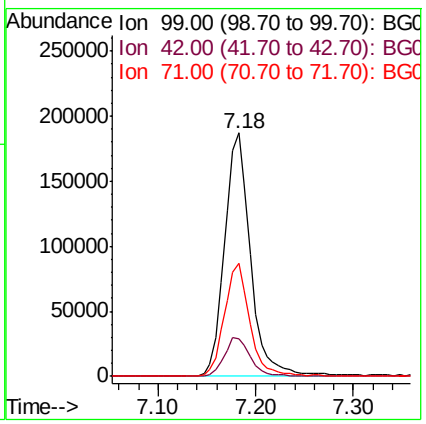


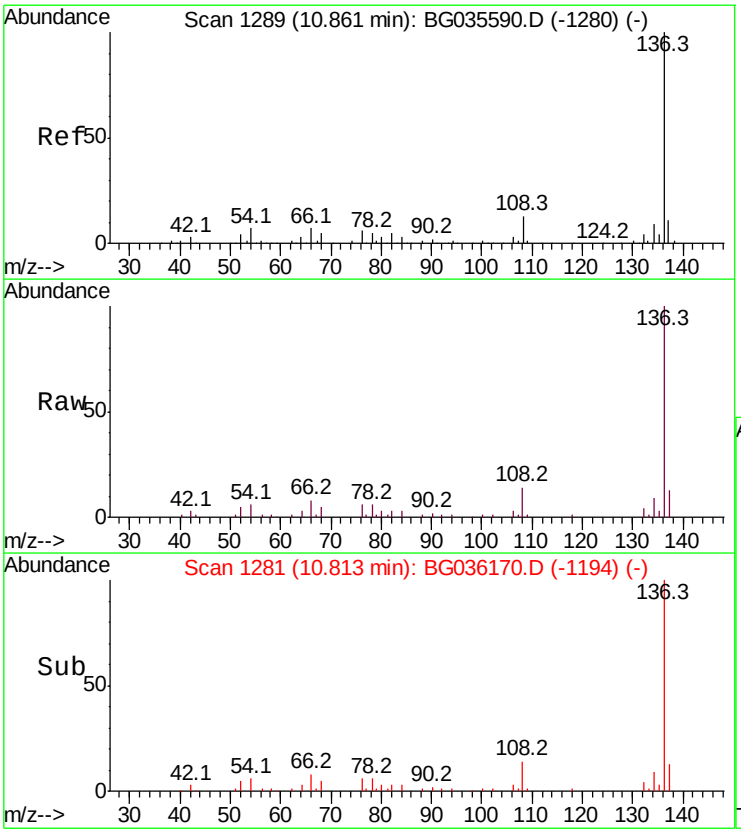
#7
Phenol-d6
Concen: 132.716 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036170.D
Acq: 7 Aug 2018 20:21

Instrument :
BNA_G
ClientSampleId :
PB111837BL

Tgt Ion: 99 Resp: 344443

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	46.3	26.1	39.1#

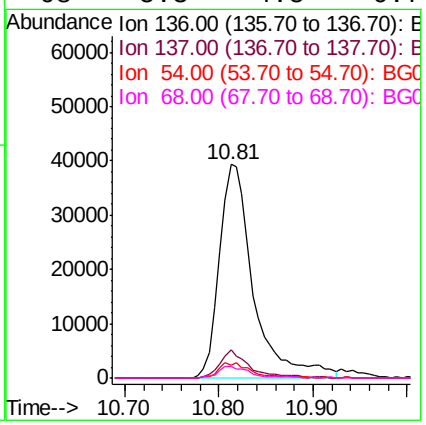


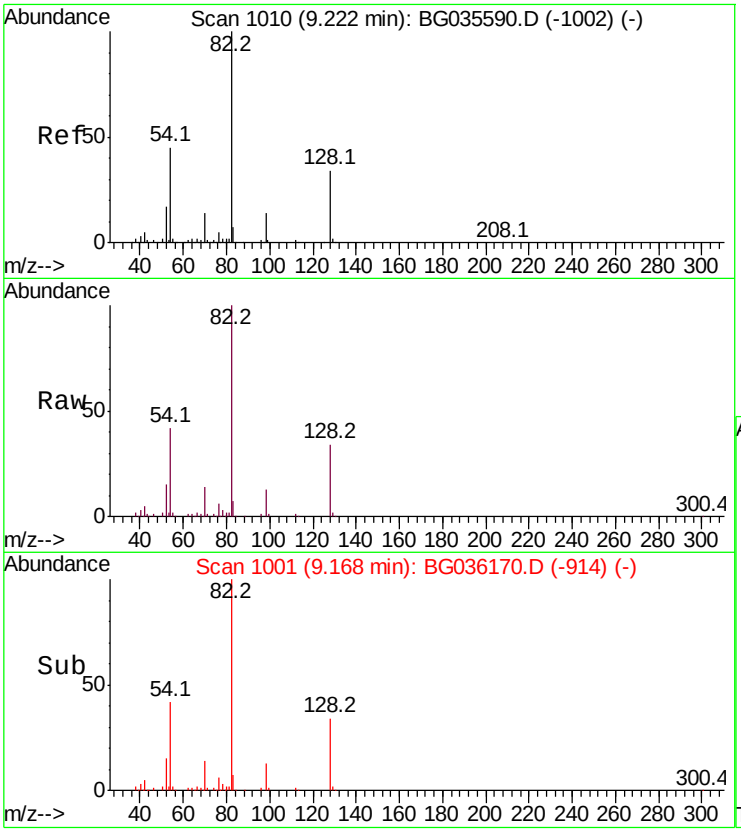


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036170.D
Acq: 7 Aug 2018 20:21

Tgt Ion:136 Resp: 99604

Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.2	13.8
54	5.9	10.3	15.5#
68	5.3	4.5	6.7



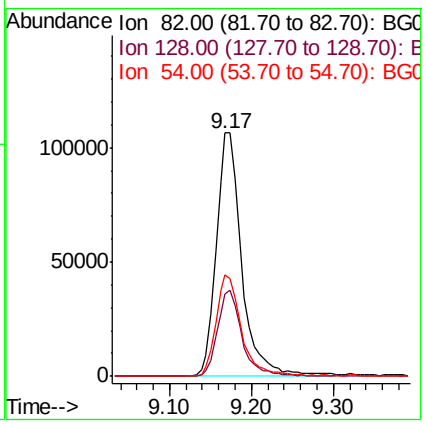


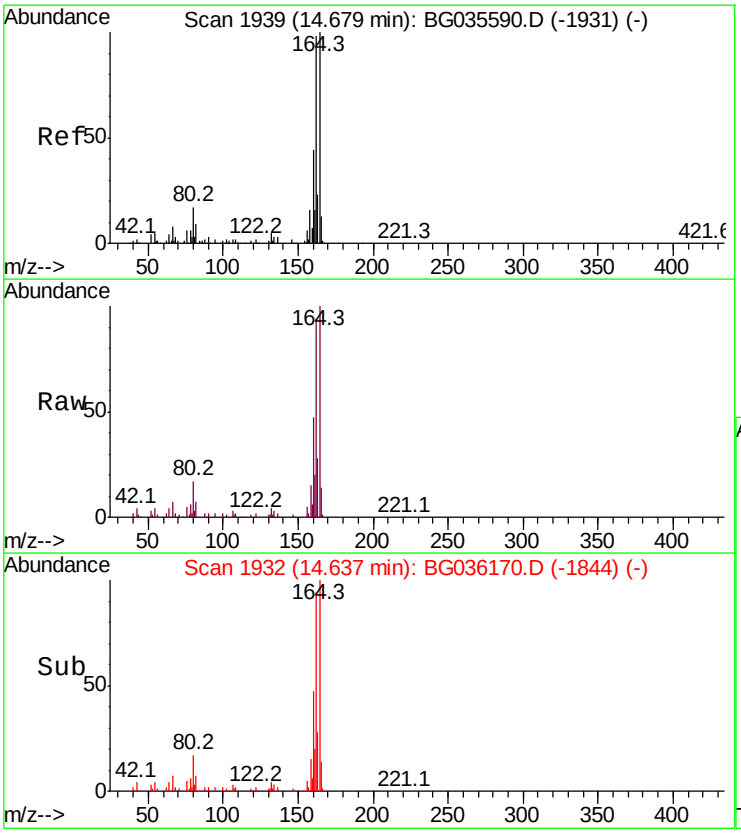
#23
Nitrobenzene-d5
Concen: 96.744 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036170.D
Acq: 7 Aug 2018 20:21

Instrument :
BNA_G
ClientSampleId :
PB111837BL

Tgt Ion: 82 Resp: 230667

Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	41.8	43.1	64.7#

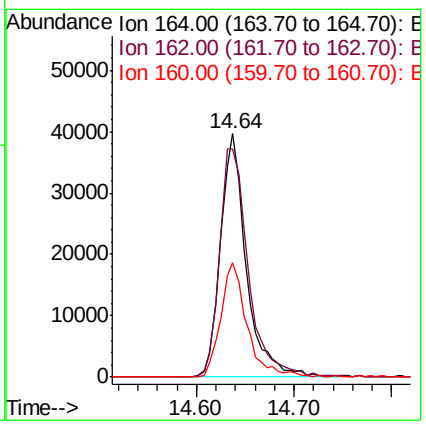


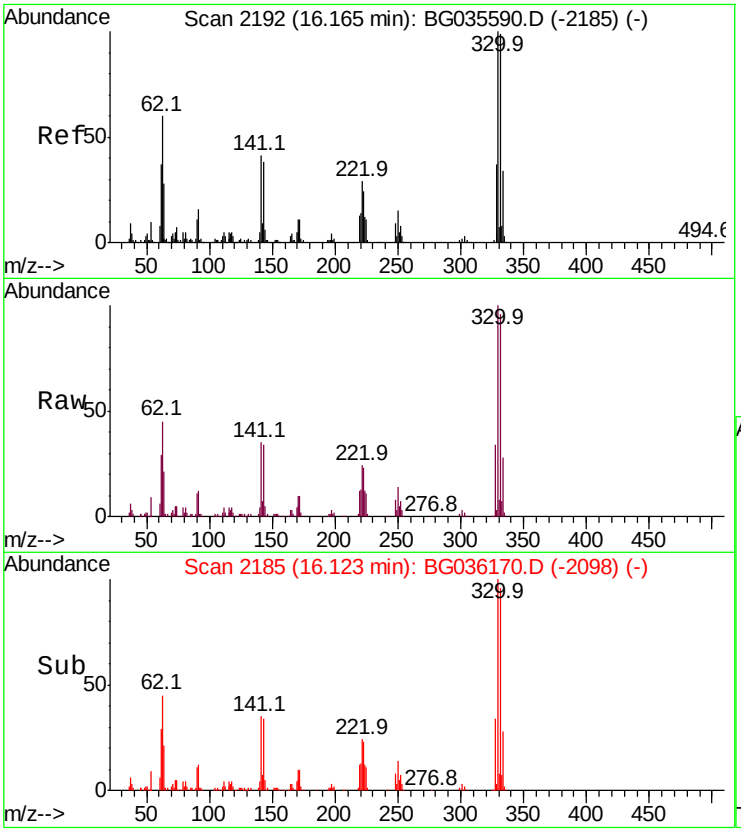


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG036170.D
Acq: 7 Aug 2018 20:21

Tgt Ion:164 Resp: 72404

Ion	Ratio	Lower	Upper
164	100		
162	94.0	78.8	118.2
160	46.9	35.4	53.0



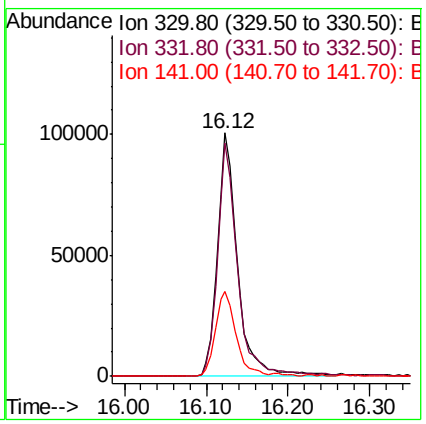


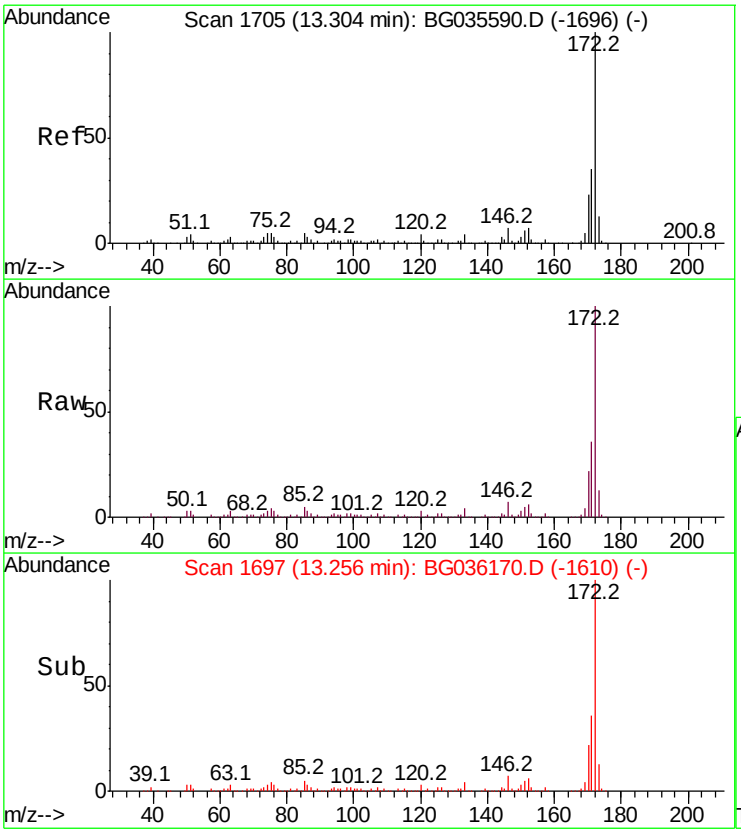
#41
2,4,6-Tribromophenol
Concen: 180.966 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036170.D
Acq: 7 Aug 2018 20:21

Instrument :
BNA_G
ClientSampleId :
PB111837BL

Tgt Ion:330 Resp: 172702

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	36.5	25.2	37.8

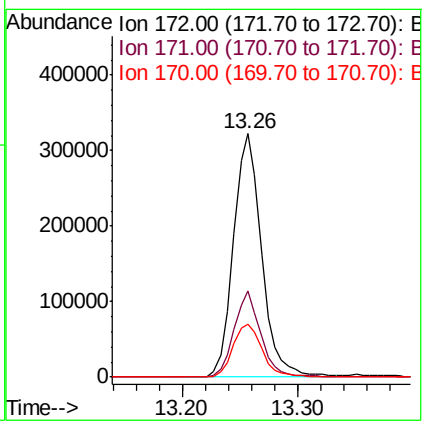


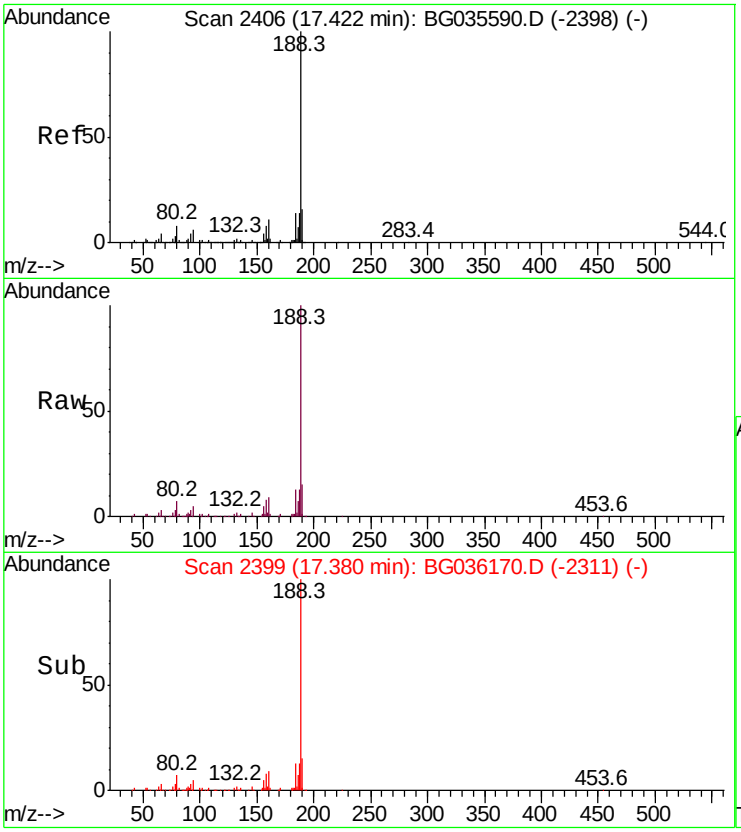


#44
2-Fluorobiphenyl
Concen: 100.700 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036170.D
Acq: 7 Aug 2018 20:21

Tgt Ion:172 Resp: 544214

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	21.9	19.5	29.3



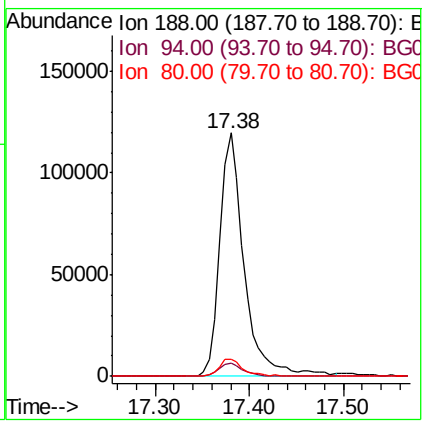


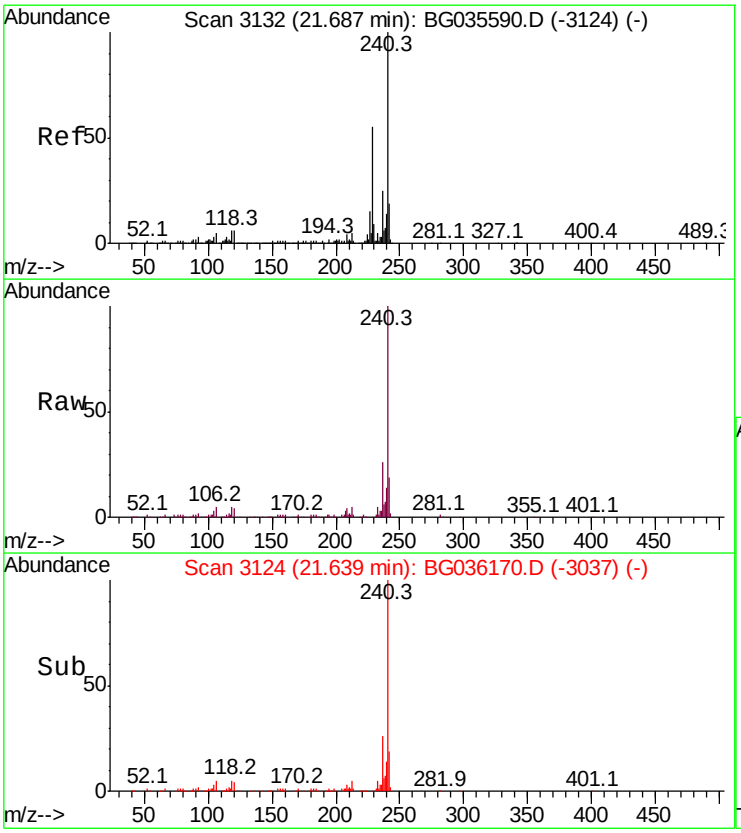
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036170.D
Acq: 7 Aug 2018 20:21

Instrument :
BNA_G
ClientSampleId :
PB111837BL

Tgt Ion:188 Resp: 216246

Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	7.1	7.7	11.5#

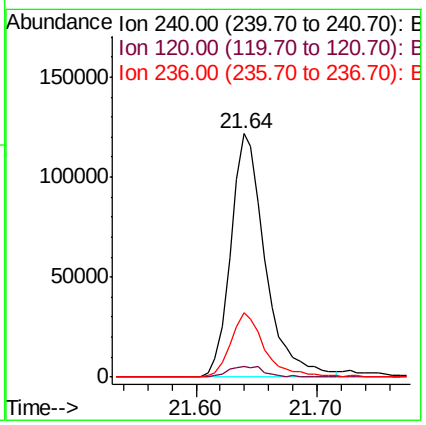


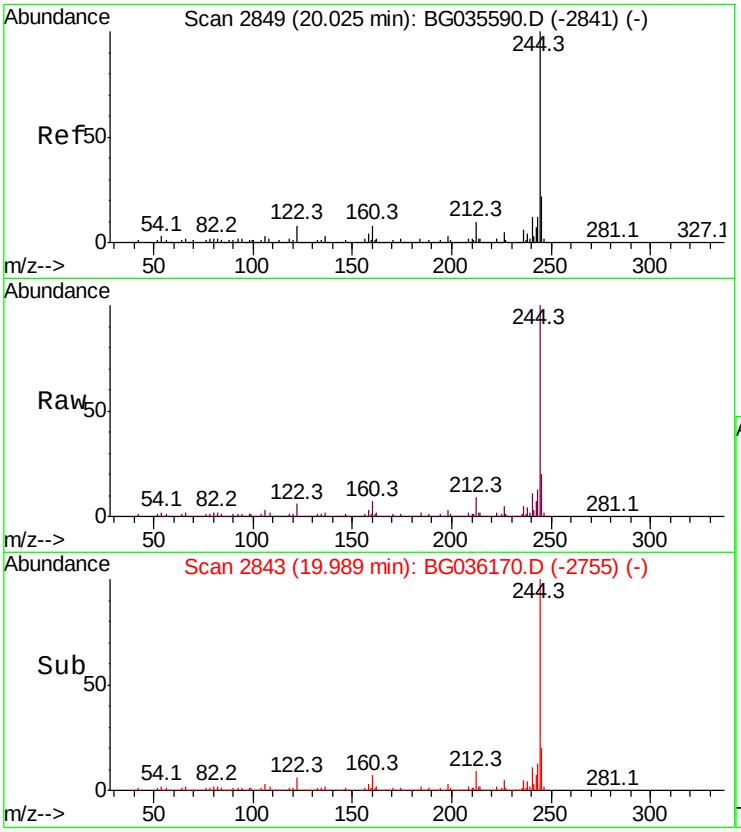


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036170.D
Acq: 7 Aug 2018 20:21

Tgt Ion:240 Resp: 241738

Ion	Ratio	Lower	Upper
240	100		
120	4.2	6.8	10.2#
236	26.3	20.9	31.3



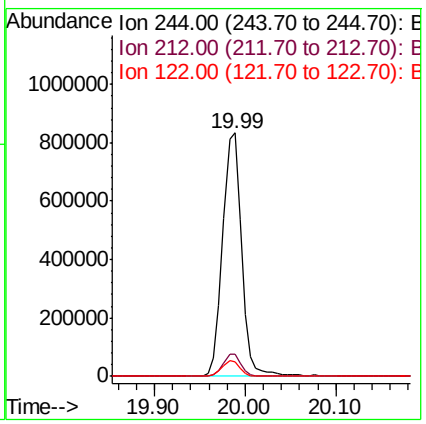


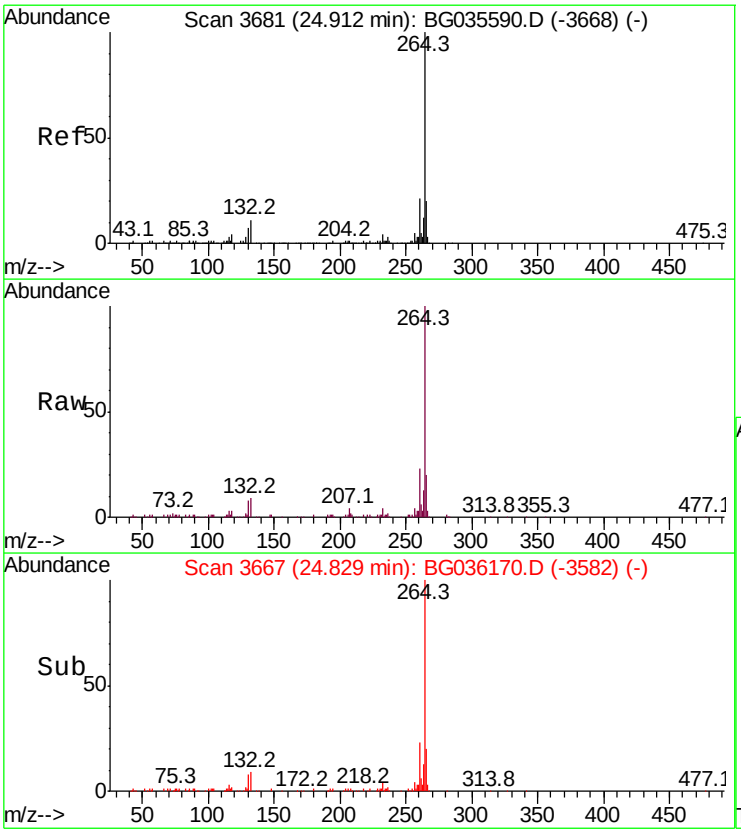
#78
Terphenyl-d14
Concen: 110.724 ng
RT: 19.99 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG036170.D
Acq: 7 Aug 2018 20:21

Instrument :
BNA_G
ClientSampleId :
PB111837BL

Tgt Ion:244 Resp: 1214271

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036170.D
Acq: 7 Aug 2018 20:21

Tgt Ion:264 Resp: 233082

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	19.9	17.7	26.5