Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036203.D
Acq On : 8 Aug 2018 18:33
Operator : JU/SJ
Sample : J4379-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106I

Quant Time: Aug 09 01:55:08 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	22871	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	79607	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	55182	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	174598	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	197840	20.00	ng	-0.02
86) Perylene-d12	24.83	264	191838	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	89331	64.85	ng	0.00
7) Phenol-d6	7.18	99	69717	33.92	ng	-0.01
23) Nitrobenzene-d5	9.17	82	209715	110.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	155697	214.07	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	469349	113.95	ng	-0.02
78) Terphenyl-d14	19.99	244	1147065	127.80	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.12	163	13746	2.843	ng	# 96

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

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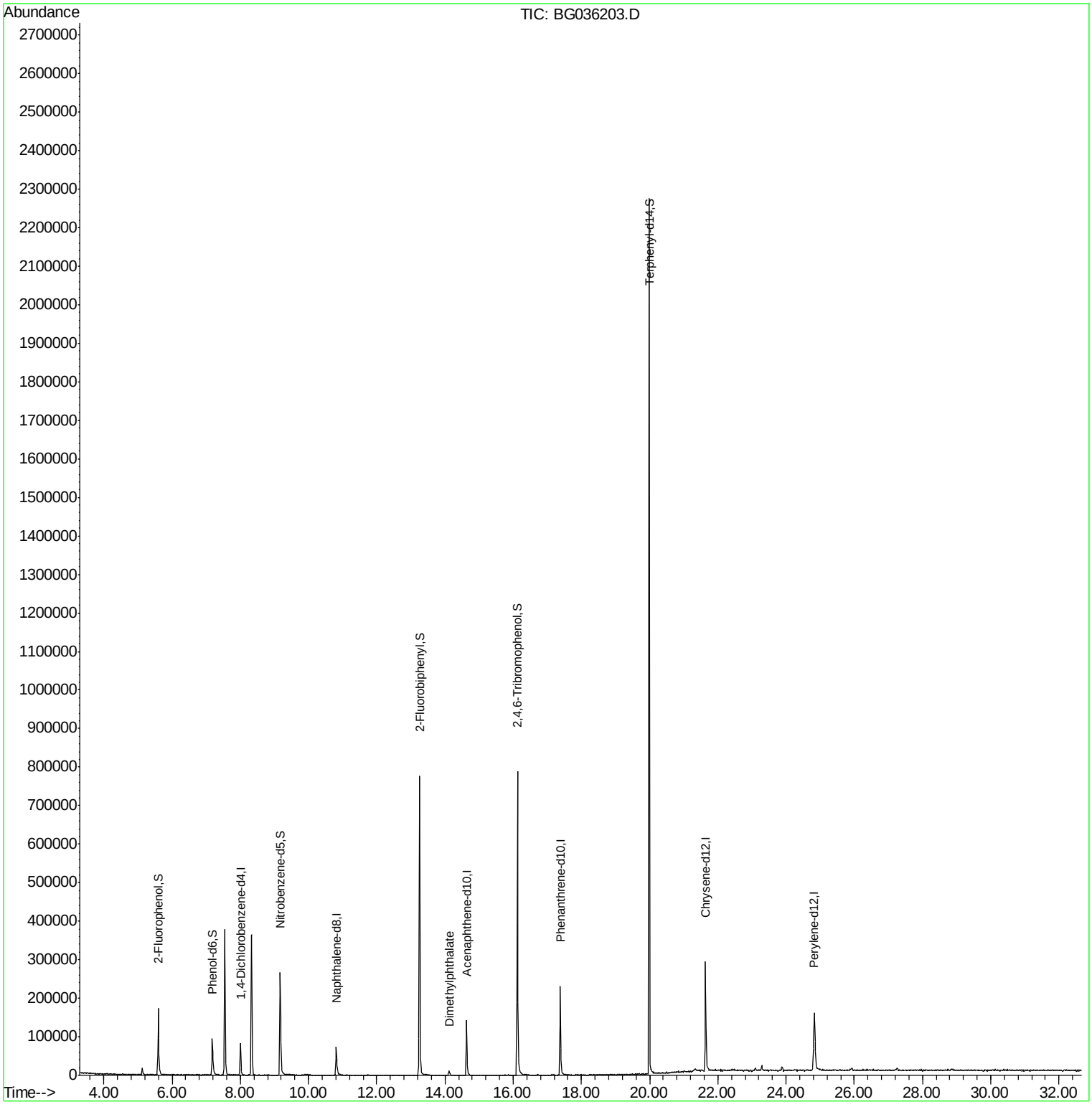
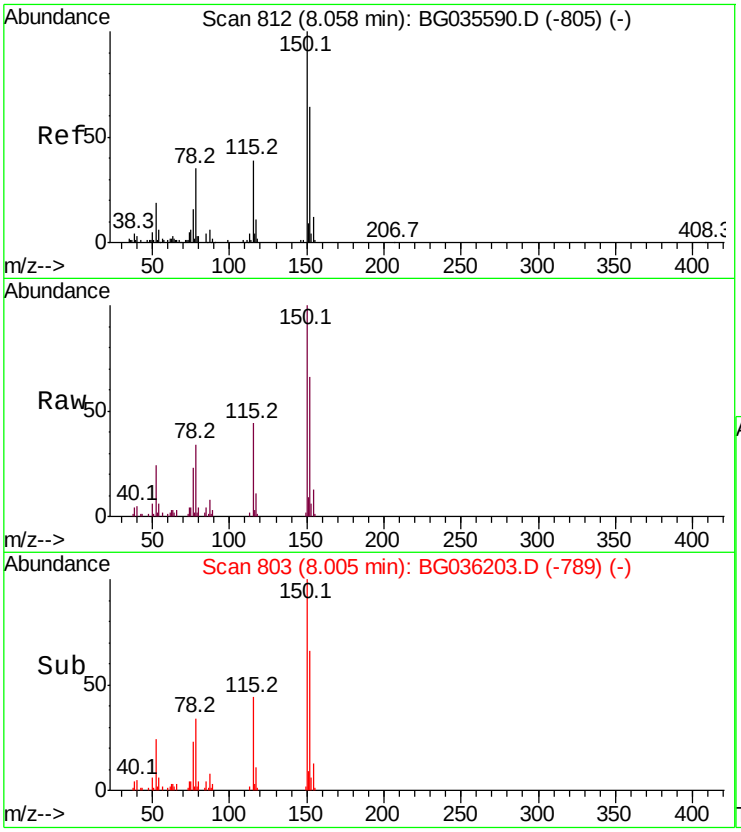


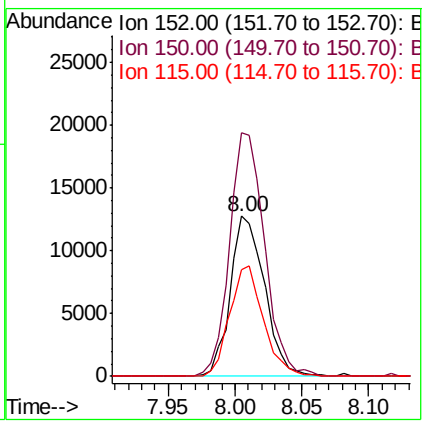


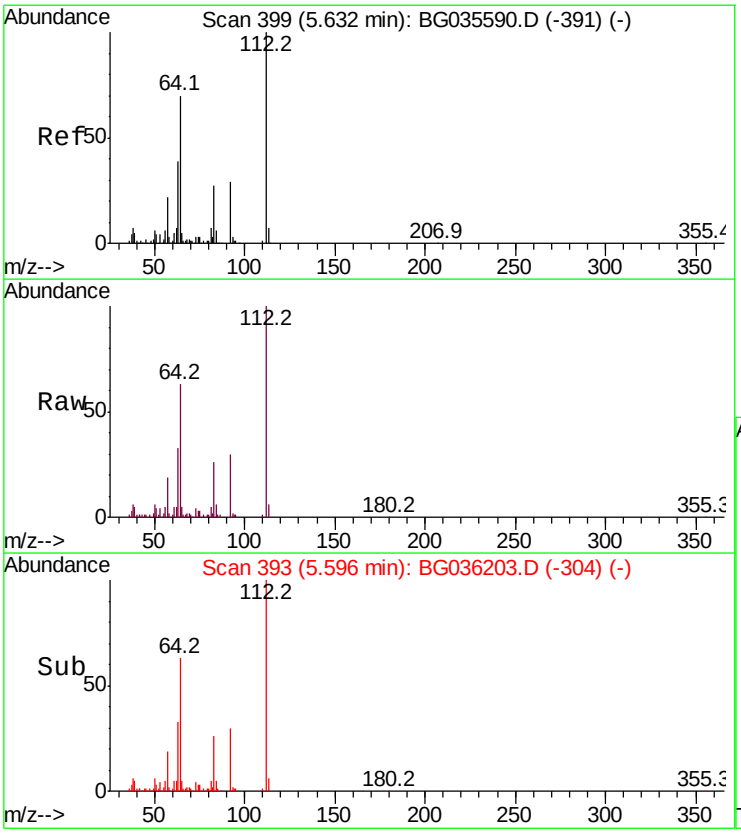
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Instrument :
BNA_G
ClientSampleId :
MW-106I

Tgt Ion:152 Resp: 22871

Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.6	189.8
115	66.9	53.0	79.4

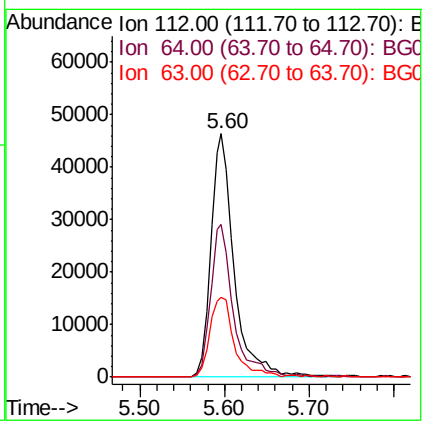


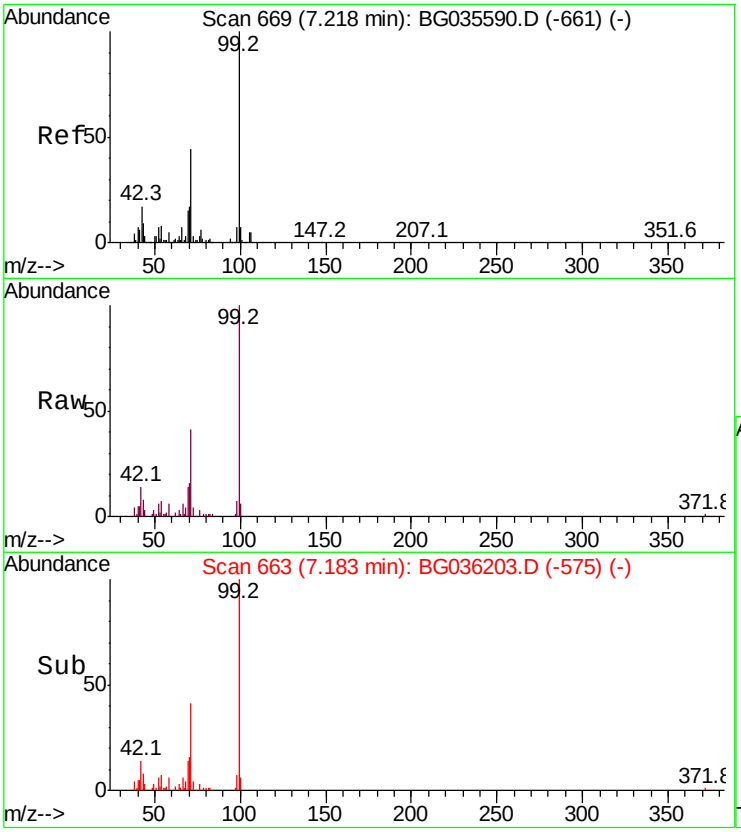


#5
2-Fluorophenol
Concen: 64.847 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Tgt Ion:112 Resp: 89331

Ion	Ratio	Lower	Upper
112	100		
64	62.5	56.3	84.5
63	33.0	30.1	45.1



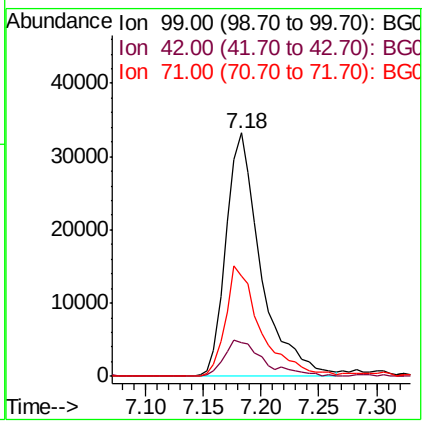


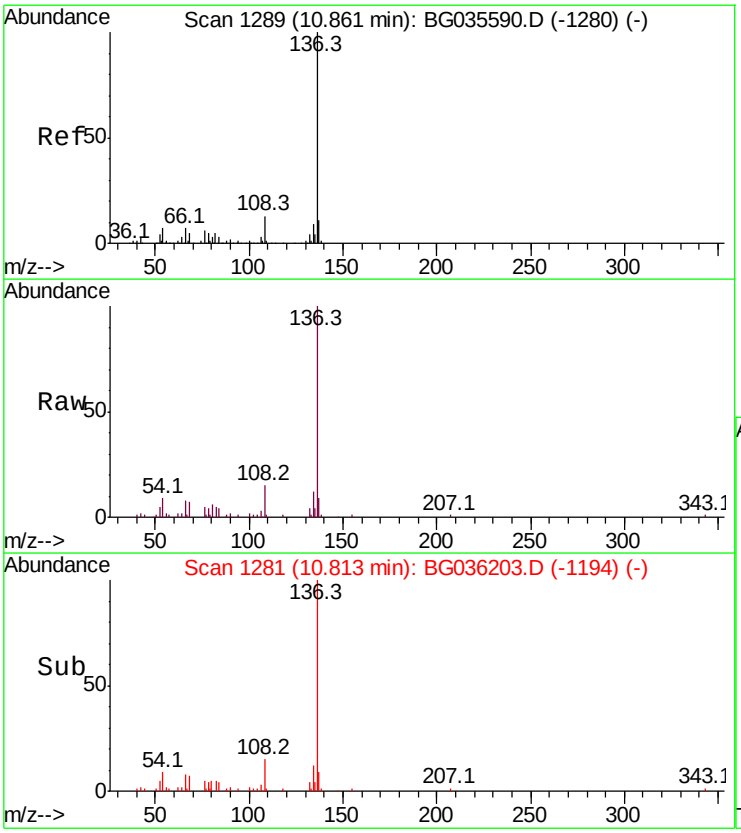
#7
Phenol-d6
Concen: 33.920 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Instrument :
BNA_G
ClientSampleId :
MW-106I

Tgt Ion: 99 Resp: 69717

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.1	21.1#
71	41.4	26.1	39.1#

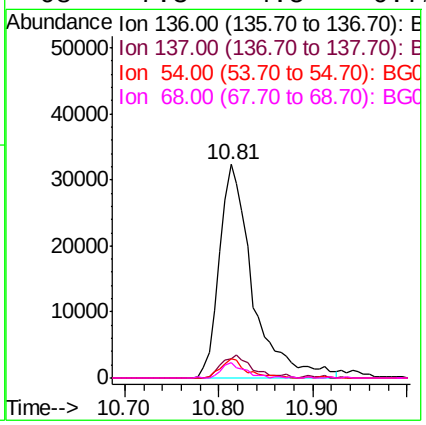


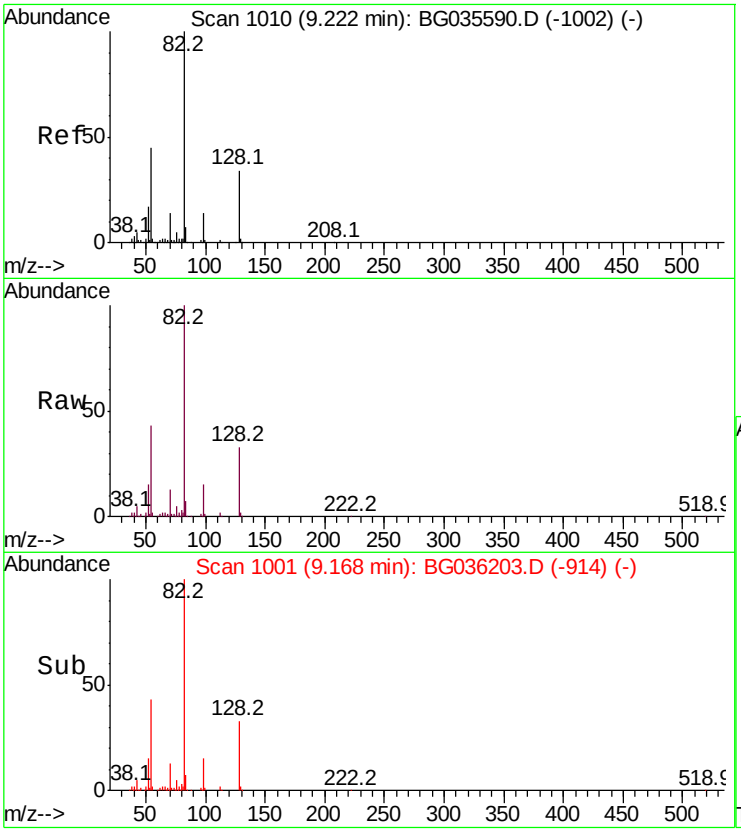


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Tgt Ion:136 Resp: 79607

Ion	Ratio	Lower	Upper
136	100		
137	8.8	9.2	13.8#
54	8.8	10.3	15.5#
68	7.3	4.5	6.7#



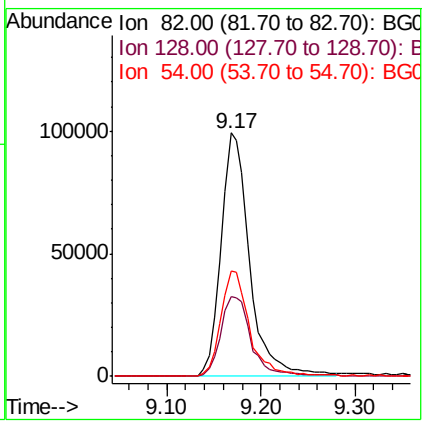


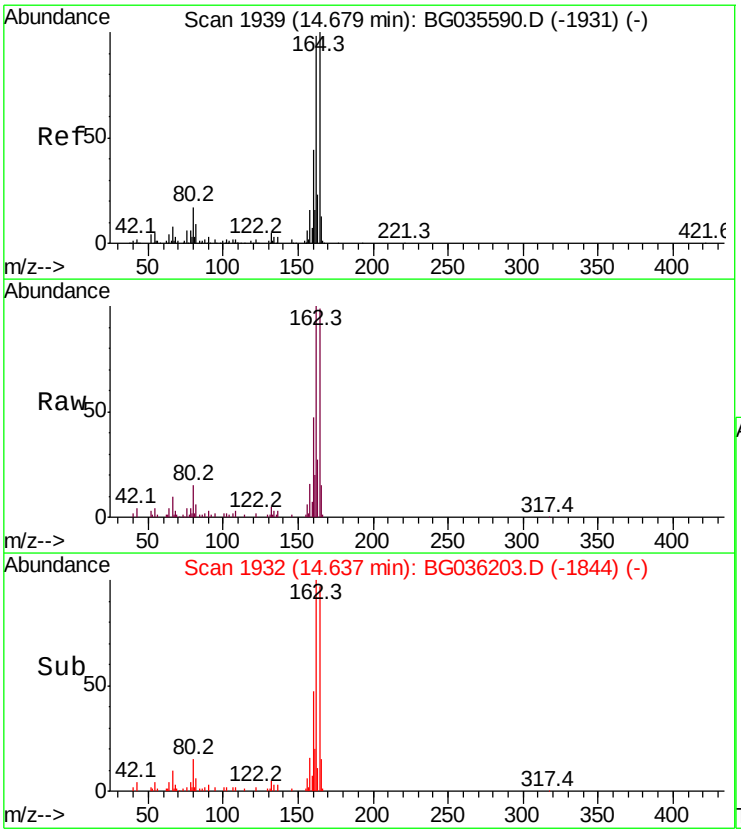
#23
Nitrobenzene-d5
Concen: 110.050 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Instrument :
BNA_G
ClientSampleId :
MW-106I

Tgt Ion: 82 Resp: 209715

Ion	Ratio	Lower	Upper
82	100		
128	33.0	29.7	44.5
54	43.3	43.1	64.7

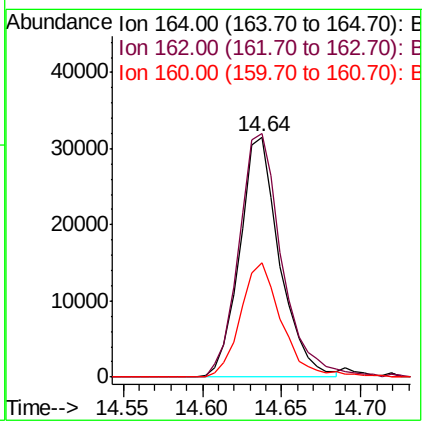


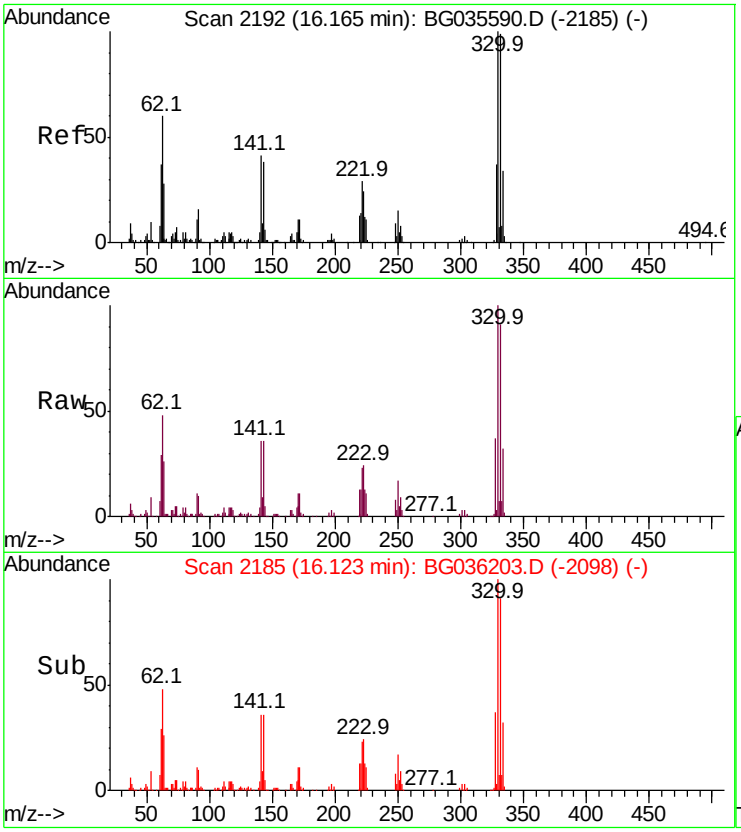


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Tgt Ion:164 Resp: 55182

Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	47.9	35.4	53.0



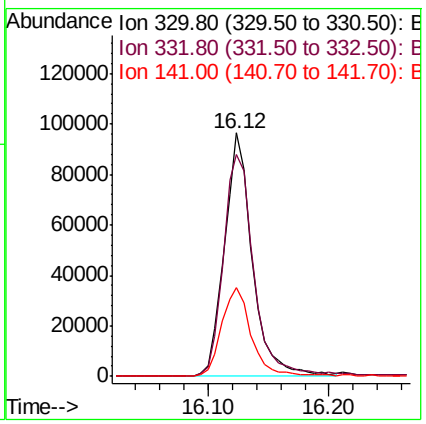


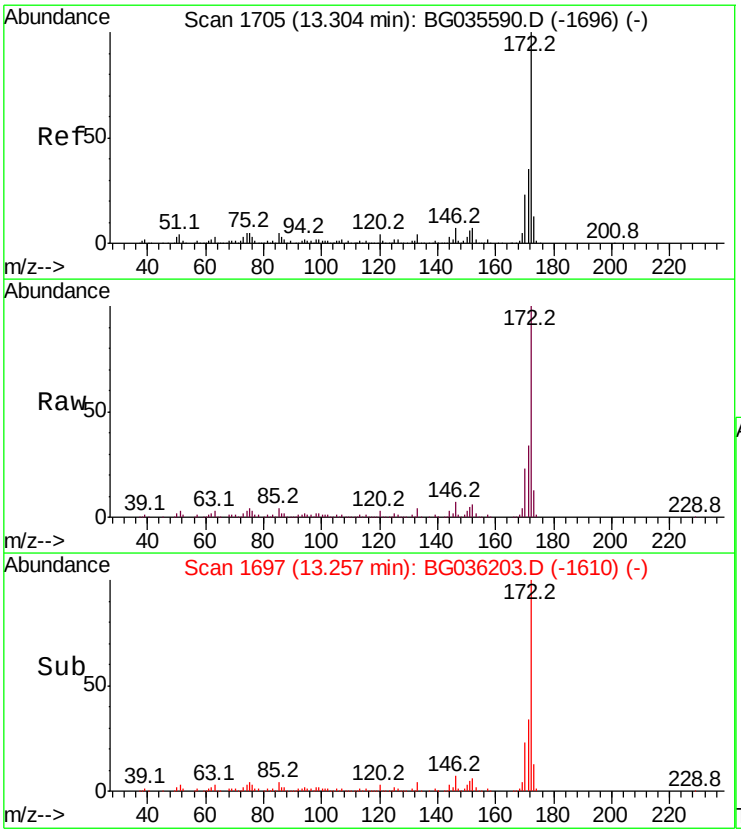
#41
2,4,6-Tribromophenol
Concen: 214.065 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Instrument :
BNA_G
ClientSampleId :
MW-106I

Tgt Ion:330 Resp: 155697

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.0	115.6
141	38.1	25.2	37.8#

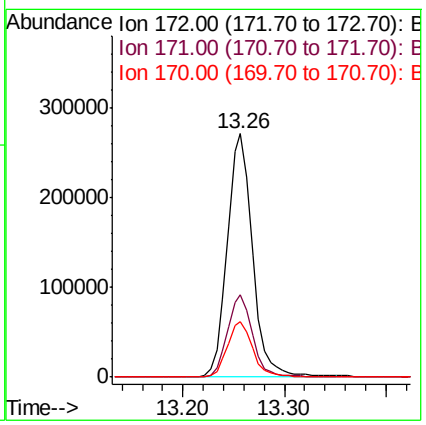


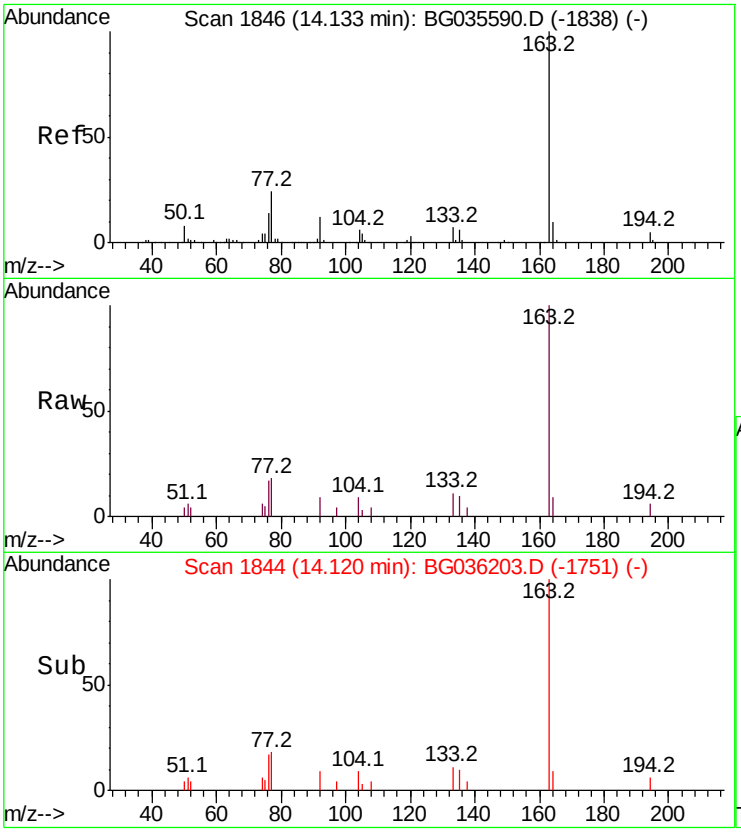


#44
2-Fluorobiphenyl
Concen: 113.951 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Tgt Ion:172 Resp: 469349

Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	22.7	19.5	29.3



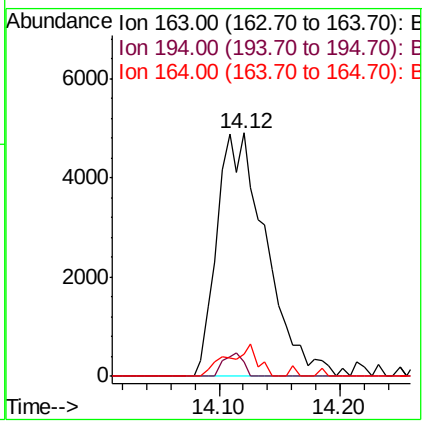


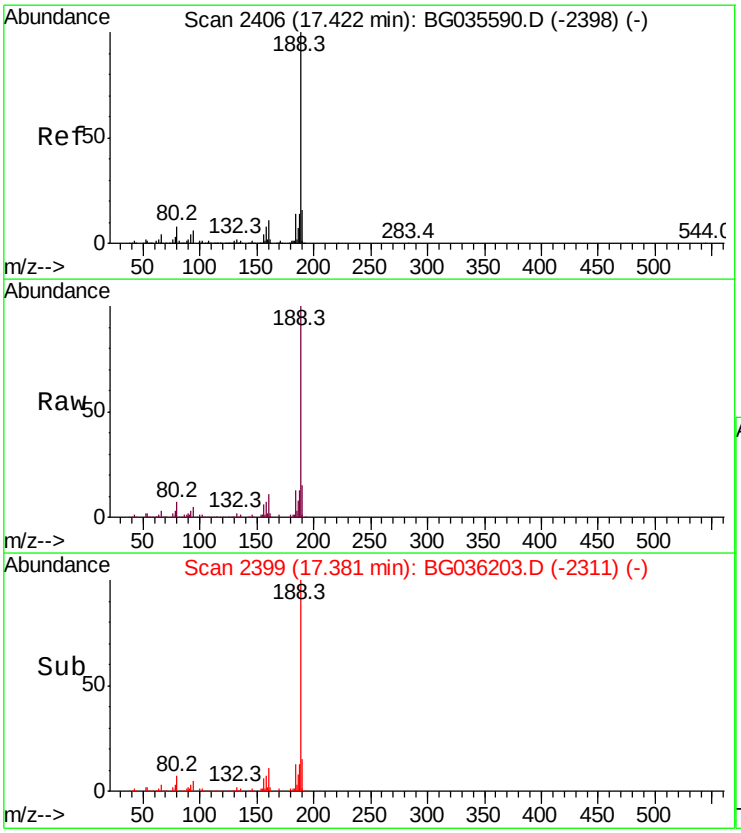
#49
Dimethylphthalate
Concen: 2.843 ng
RT: 14.12 min Scan# 1844
Delta R.T. 0.02 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Instrument :
BNA_G
ClientSampleId :
MW-106I

Tgt Ion:163 Resp: 13746

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.4	5.2#
164	9.0	8.2	12.4

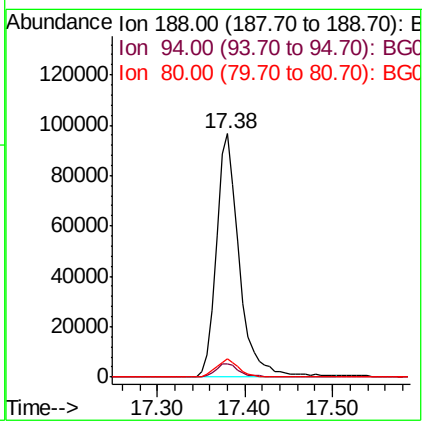


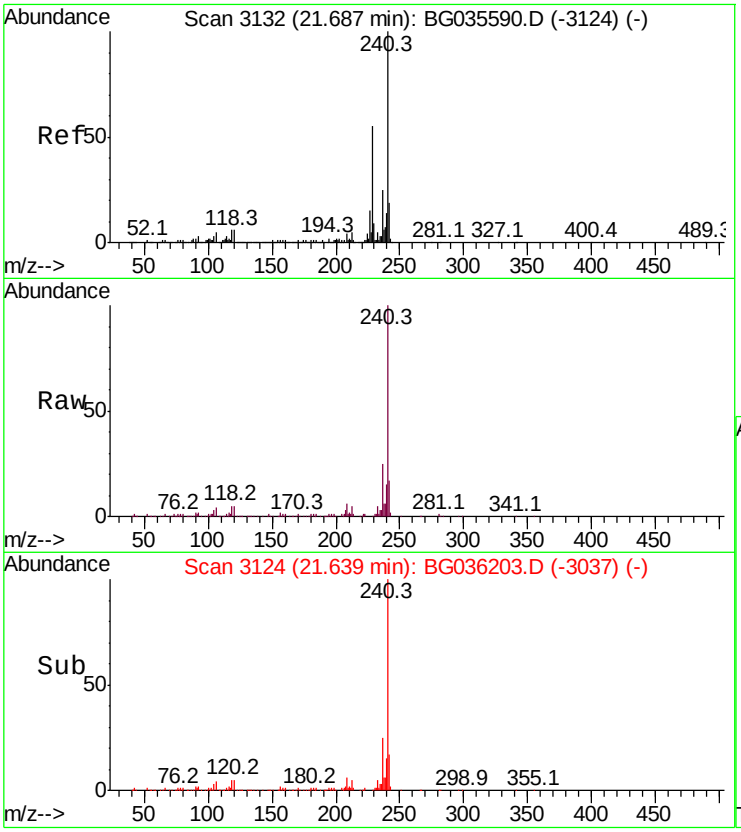


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Tgt Ion:188 Resp: 174598

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	7.5	7.7	11.5#



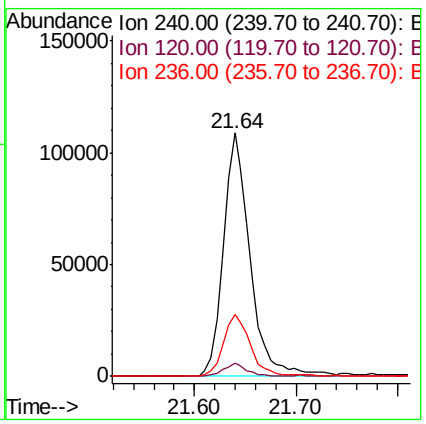


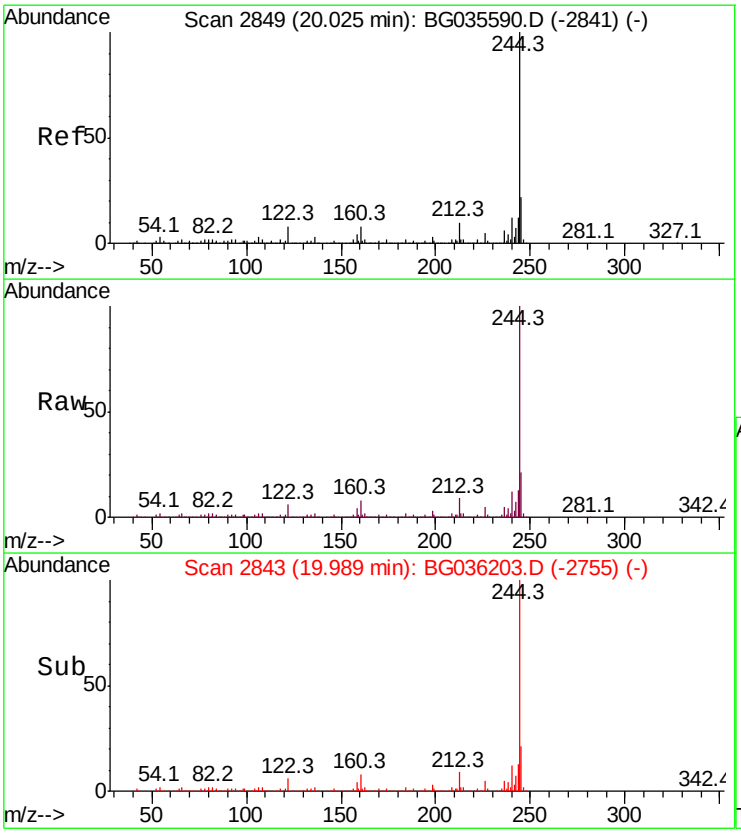
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Instrument :
BNA_G
ClientSampleId :
MW-106I

Tgt Ion:240 Resp: 197840

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	25.2	20.9	31.3

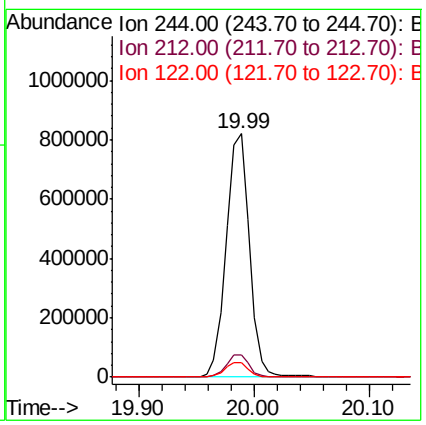


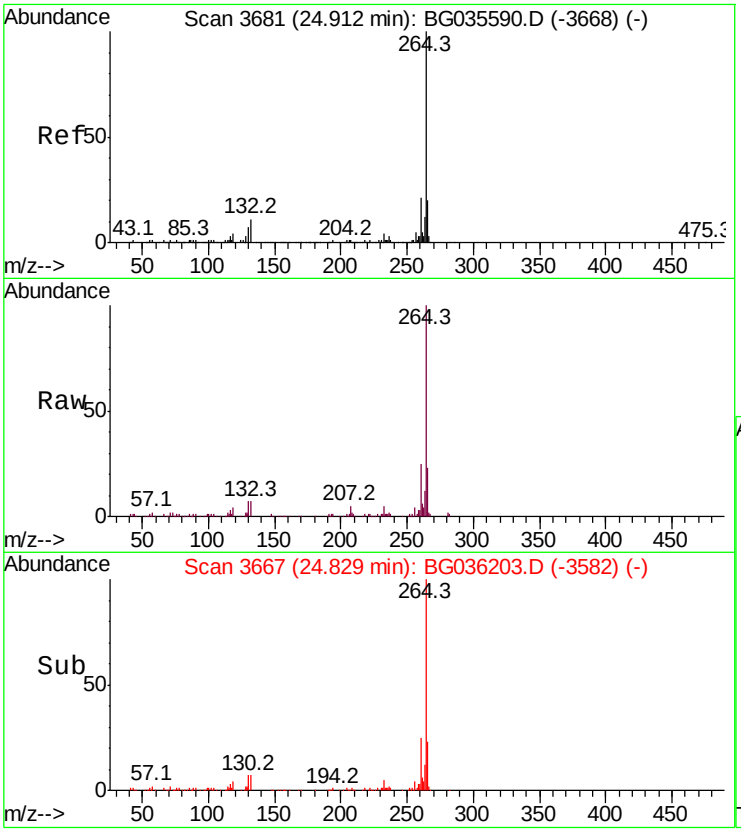


#78
Terphenyl-d14
Concen: 127.804 ng
RT: 19.99 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Tgt Ion:244 Resp: 1147065

Ion	Ratio	Lower	Upper
244	100		
212	9.0	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: BG036203.D
Acq: 8 Aug 2018 18:33

Instrument :
BNA_G
ClientSampleId :
MW-106I

Tgt Ion:264 Resp: 191838

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	22.7	17.7	26.5