Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036248.D
Acq On : 10 Aug 2018 00:50
Operator : JU/SJ
Sample : J4379-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104D

Quant Time: Aug 10 06:47:39 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	8.01	152	28240	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	103211	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	74697	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	201755	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	211918	20.00	ng	-0.02
86) Perylene-d12	24.83	264	200727	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	115977	68.18	ng	0.00
7) Phenol-d6	7.19	99	124086	48.89	ng	0.00
23) Nitrobenzene-d5	9.17	82	253719	102.69	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	169794	172.46	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	567818	101.84	ng	-0.02
78) Terphenyl-d14	19.98	244	1036407	107.80	ng	-0.02
Target Compounds						Qvalue

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

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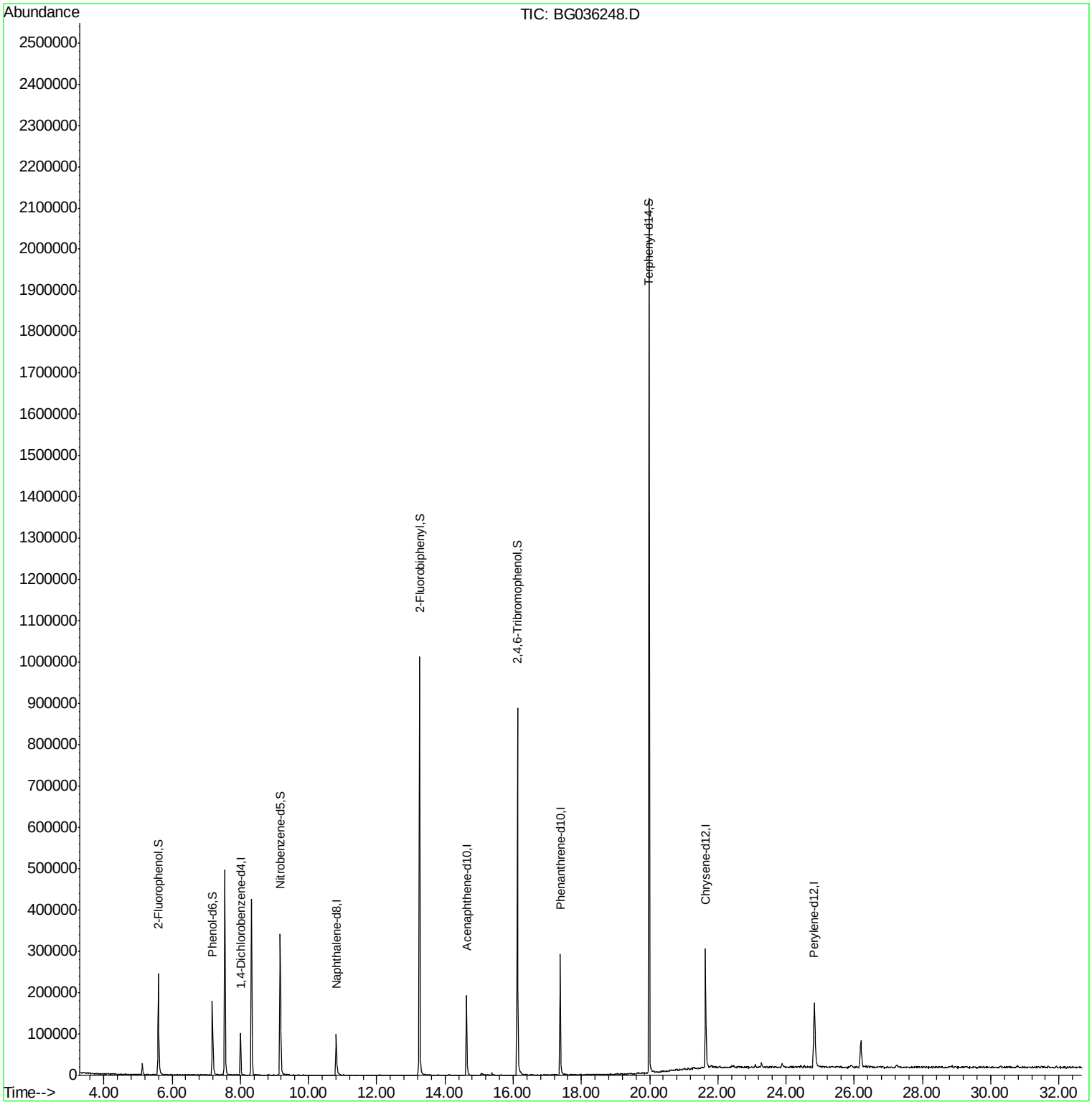
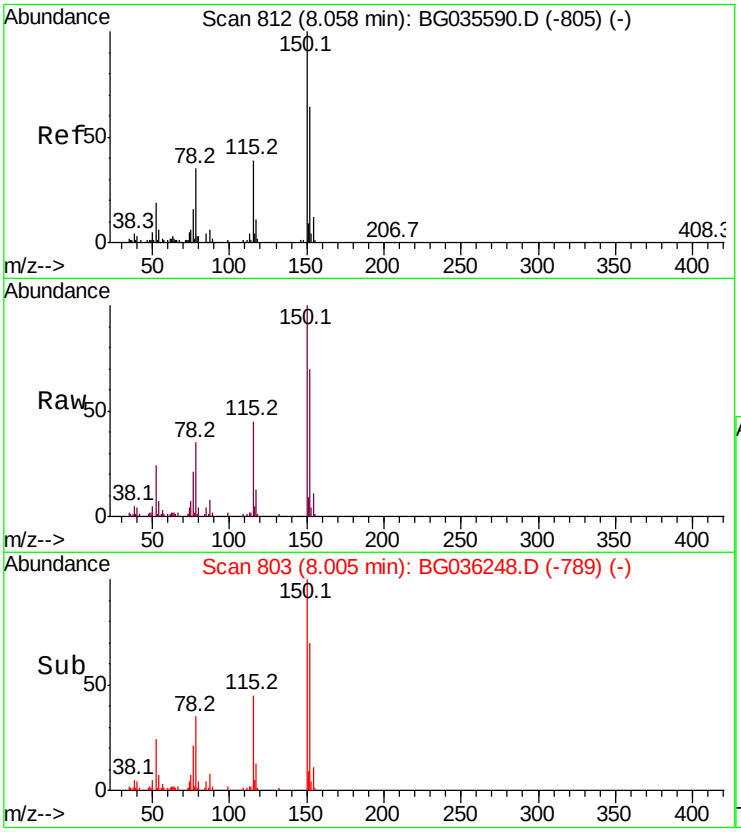


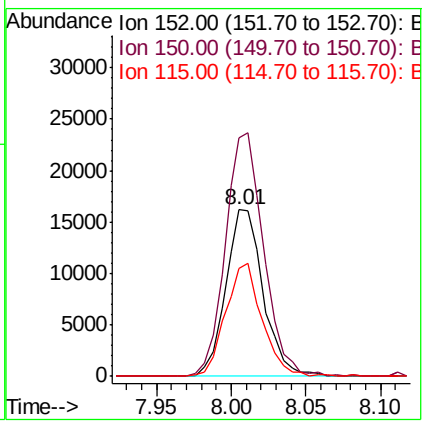


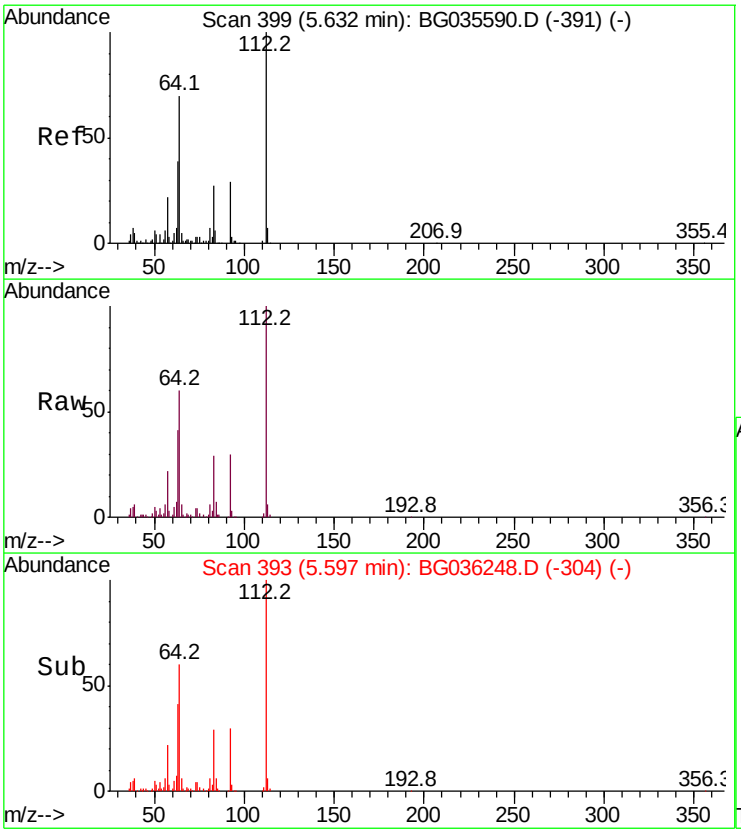
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036248.D
Acq: 10 Aug 2018 00:50

Instrument :
BNA_G
ClientSampleId :
MW-104D

Tgt Ion:152 Resp: 28240

Ion	Ratio	Lower	Upper
152	100		
150	143.3	126.6	189.8
115	65.1	53.0	79.4

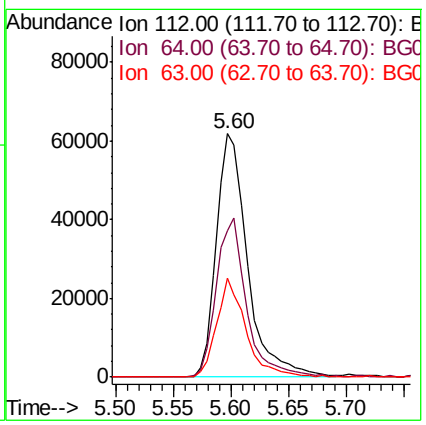


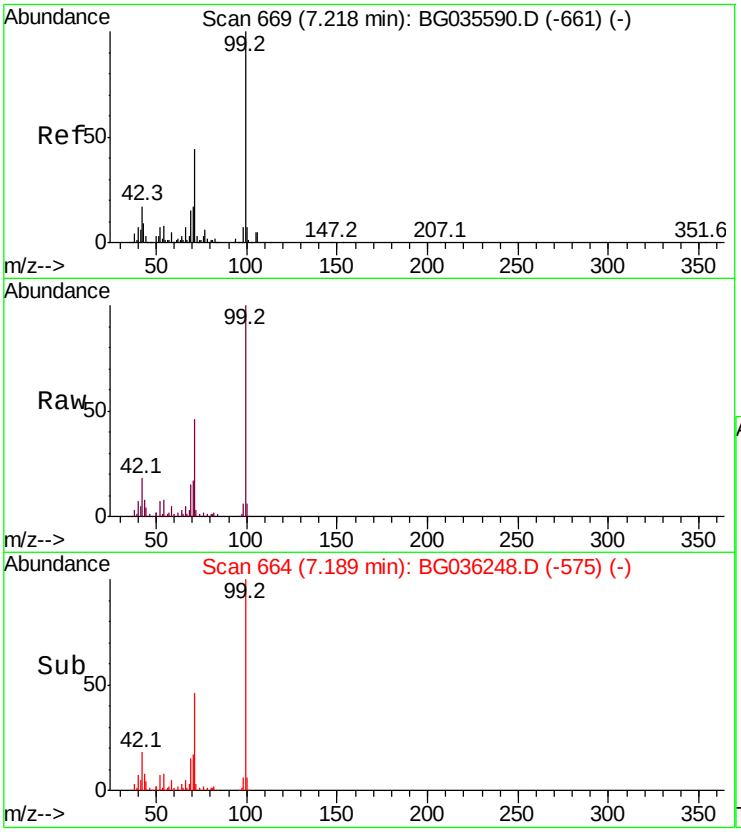


#5
2-Fluorophenol
Concen: 68.183 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036248.D
Acq: 10 Aug 2018 00:50

Tgt Ion:112 Resp: 115977

Ion	Ratio	Lower	Upper
112	100		
64	60.0	56.3	84.5
63	40.7	30.1	45.1



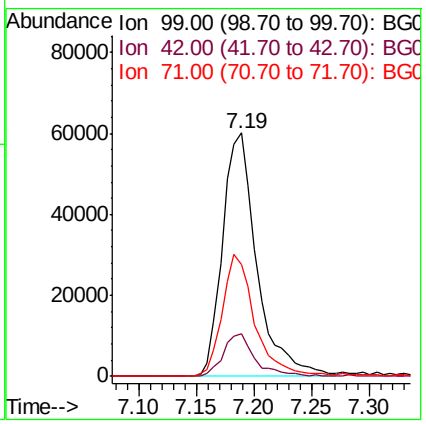


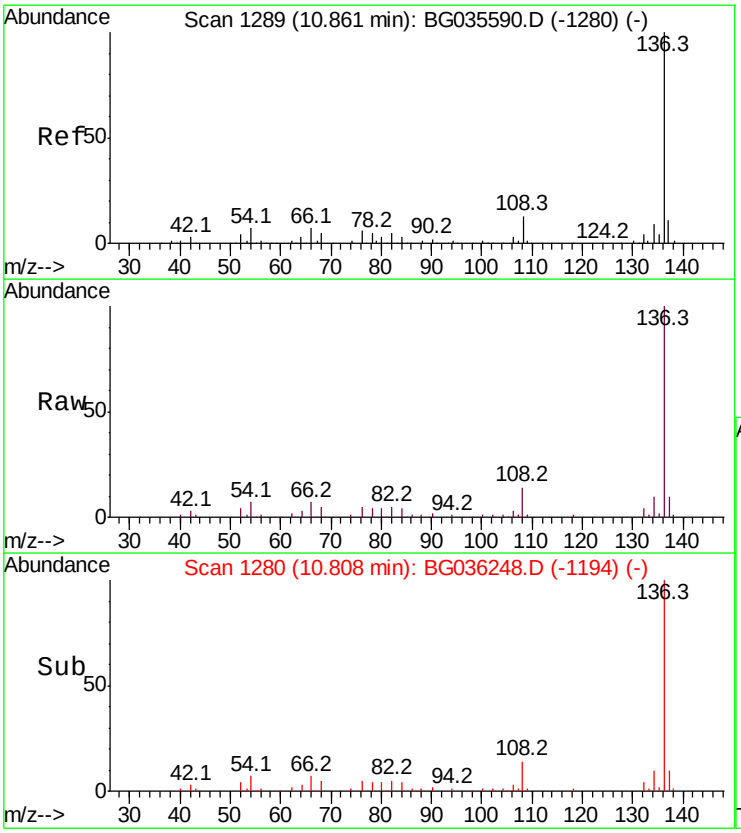
#7
Phenol-d6
Concen: 48.895 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG036248.D
Acq: 10 Aug 2018 00:50

Instrument :
BNA_G
ClientSampleId :
MW-104D

Tgt Ion: 99 Resp: 124086

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.1	21.1
71	45.9	26.1	39.1#

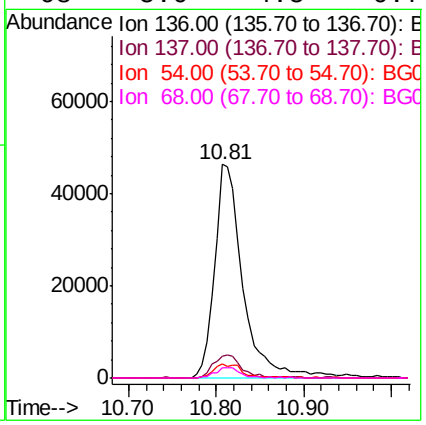


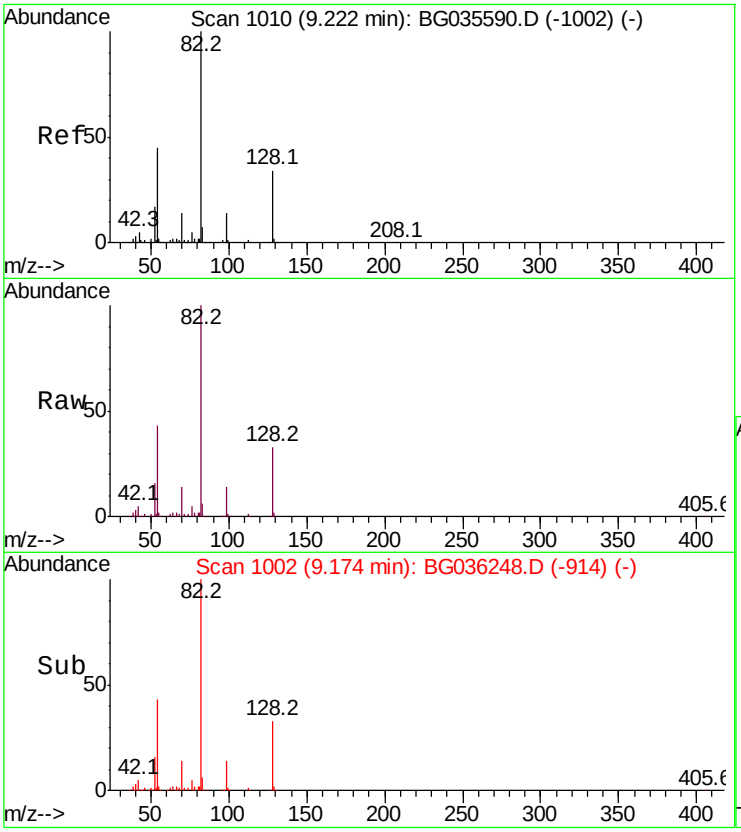


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036248.D
Acq: 10 Aug 2018 00:50

Tgt Ion:136 Resp: 103211

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.6	10.3	15.5#
68	5.0	4.5	6.7



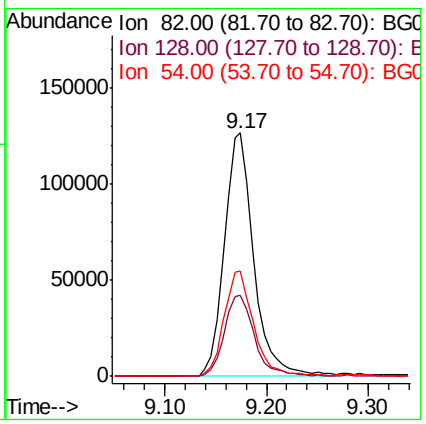


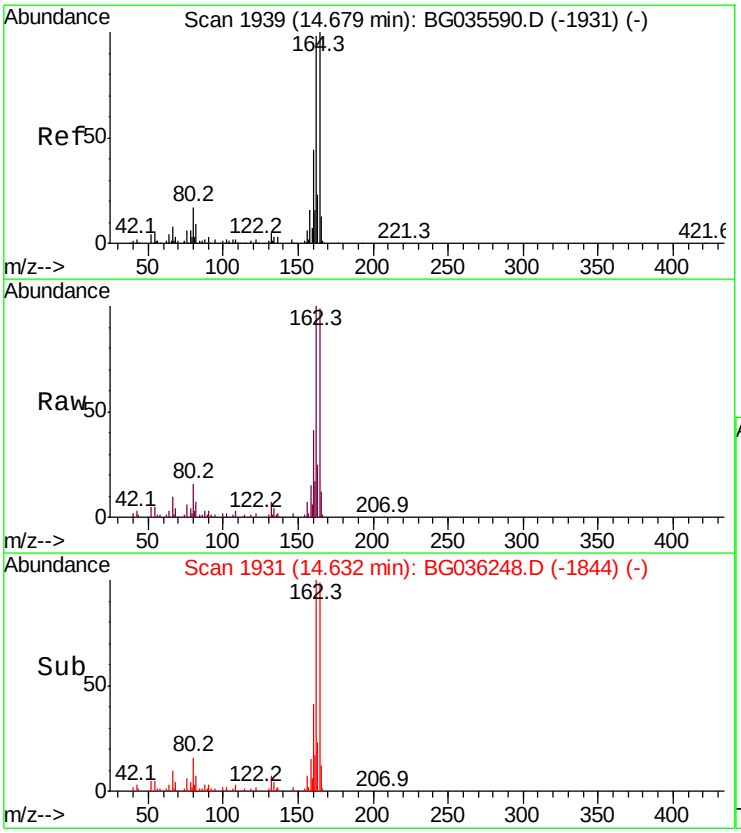
#23
Nitrobenzene-d5
Concen: 102.693 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036248.D
Acq: 10 Aug 2018 00:50

Instrument :
BNA_G
ClientSampleId :
MW-104D

Tgt Ion: 82 Resp: 253719

Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	43.3	43.1	64.7

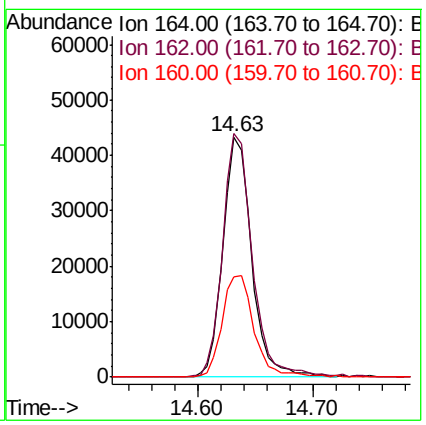


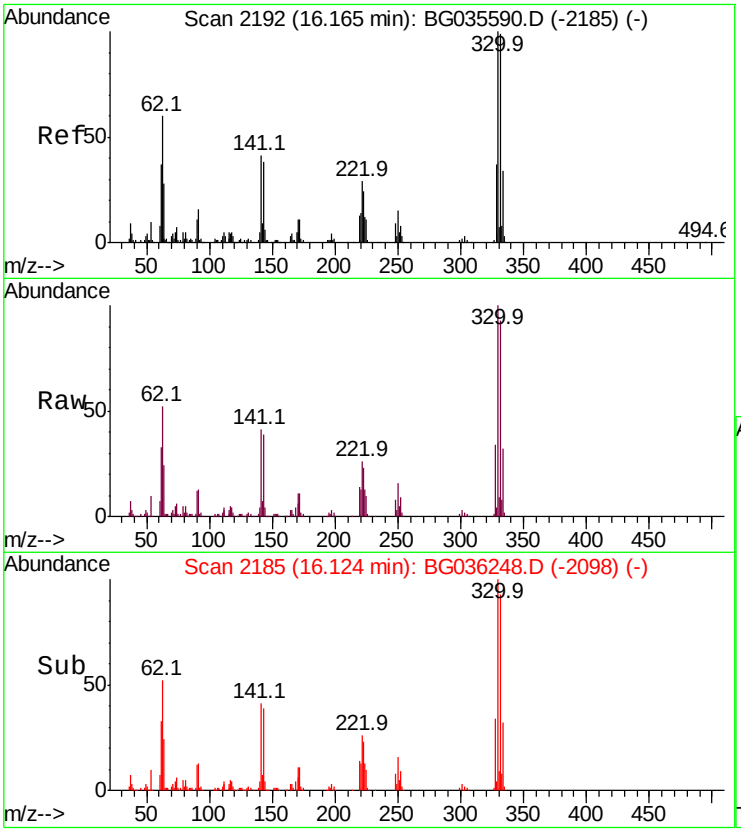


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036248.D
Acq: 10 Aug 2018 00:50

Tgt Ion:164 Resp: 74697

Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	41.6	35.4	53.0



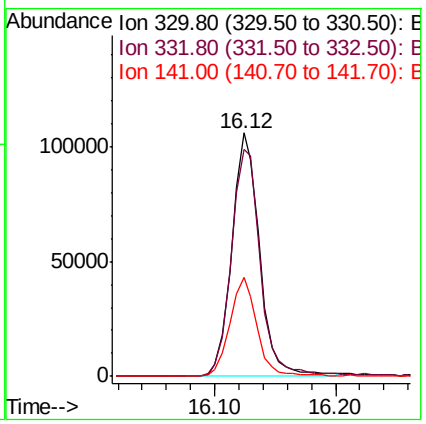


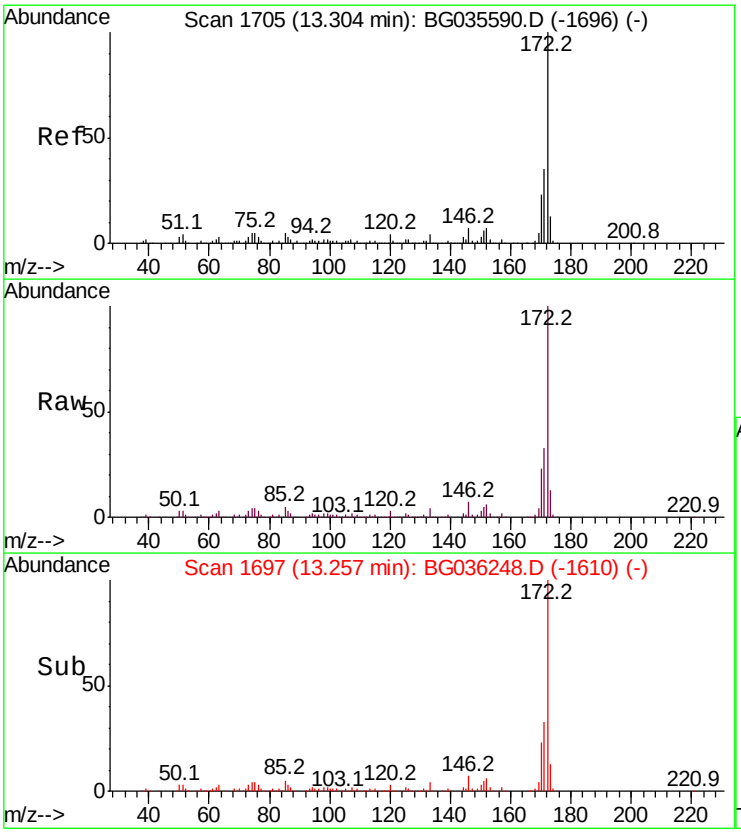
#41
2,4,6-Tribromophenol
Concen: 172.458 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036248.D
Acq: 10 Aug 2018 00:50

Instrument :
BNA_G
ClientSampleId :
MW-104D

Tgt Ion:330 Resp: 169794

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	39.5	25.2	37.8#

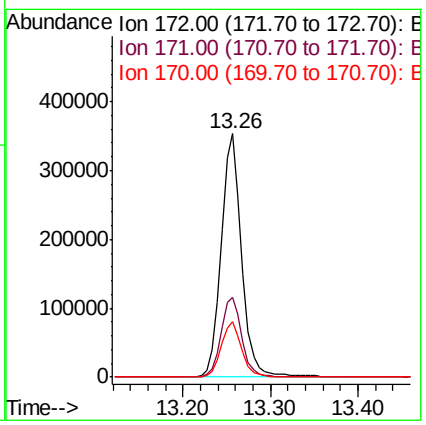


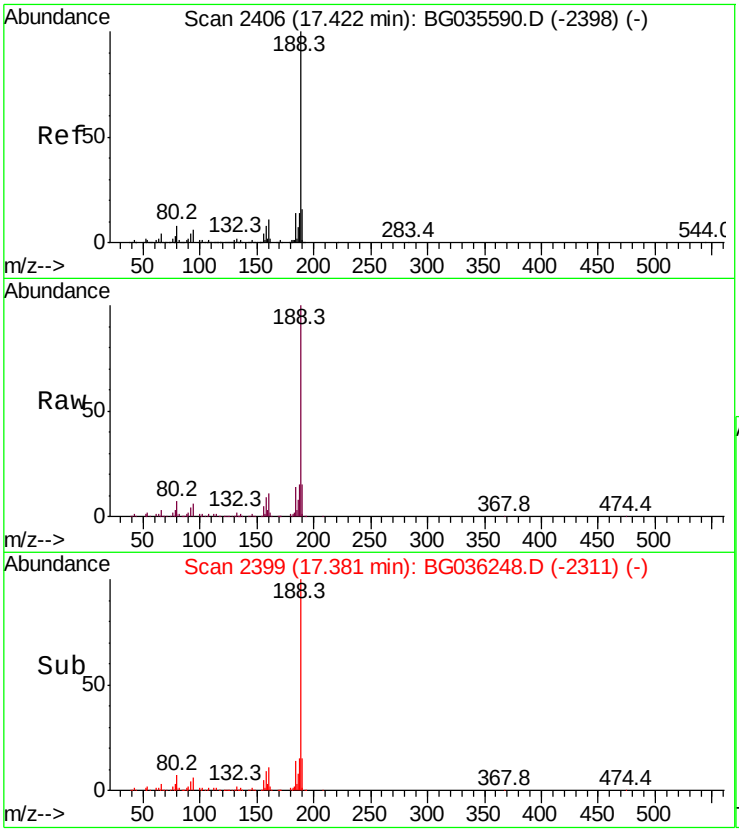


#44
2-Fluorobiphenyl
Concen: 101.842 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036248.D
Acq: 10 Aug 2018 00:50

Tgt Ion:172 Resp: 567818

Ion	Ratio	Lower	Upper
172	100		
171	32.9	30.0	45.0
170	22.9	19.5	29.3



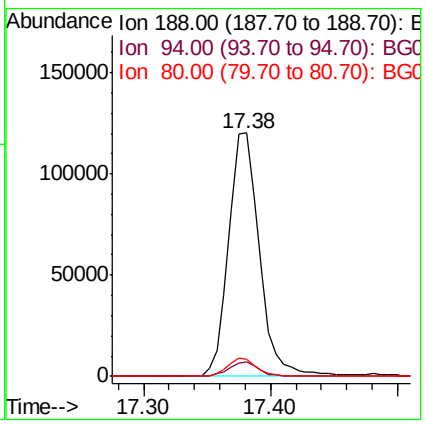


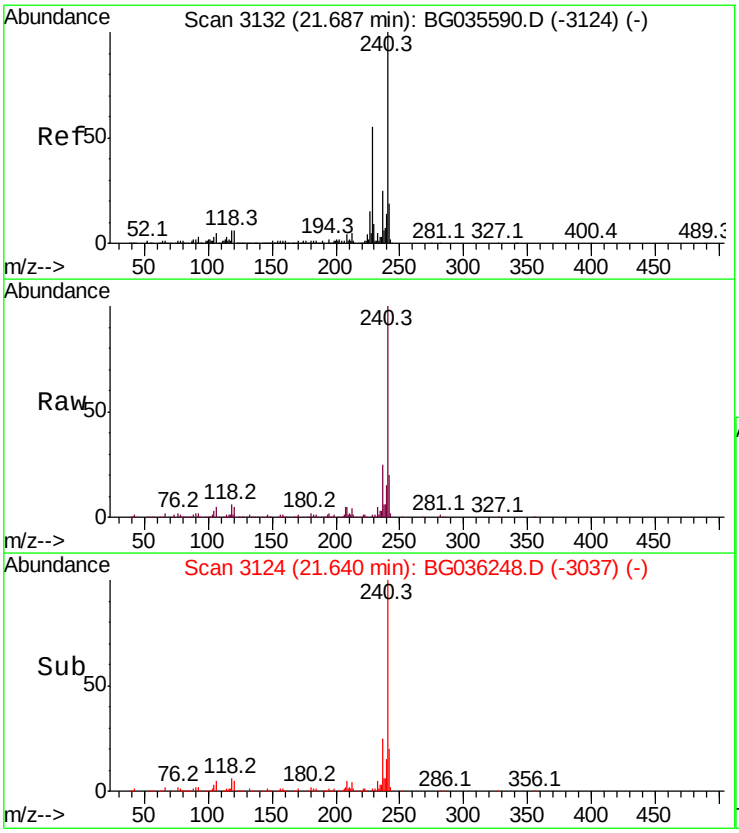
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036248.D
Acq: 10 Aug 2018 00:50

Instrument :
BNA_G
ClientSampleId :
MW-104D

Tgt Ion:188 Resp: 201755

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	6.8	7.7	11.5#

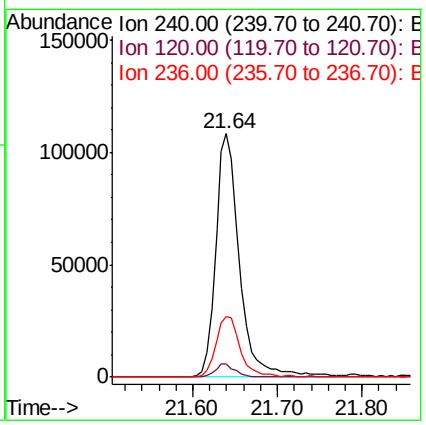


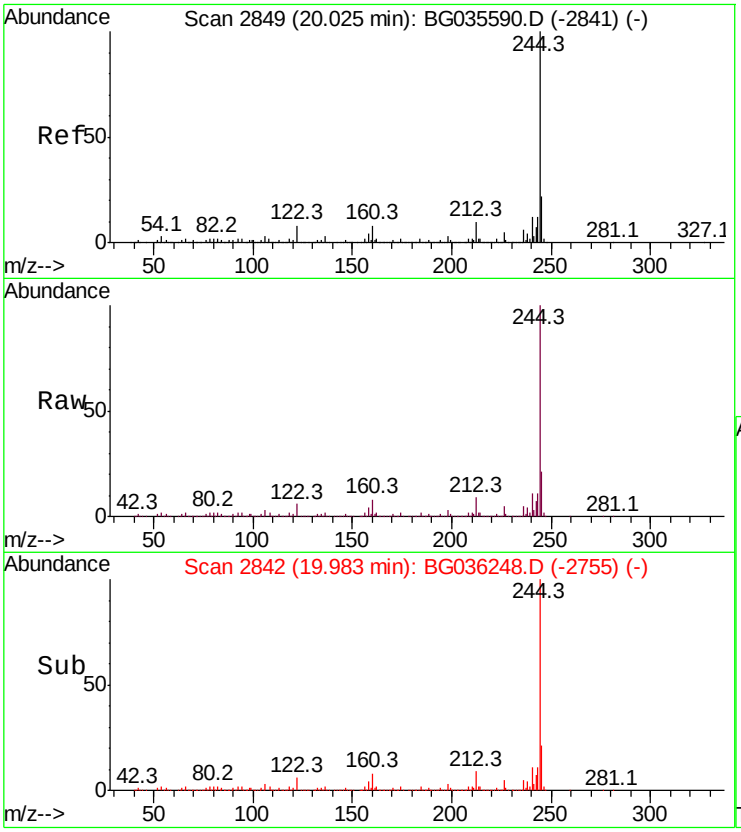


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036248.D
Acq: 10 Aug 2018 00:50

Tgt Ion:240 Resp: 211918

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	25.1	20.9	31.3



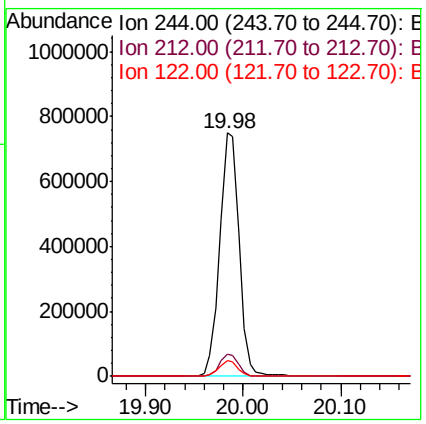


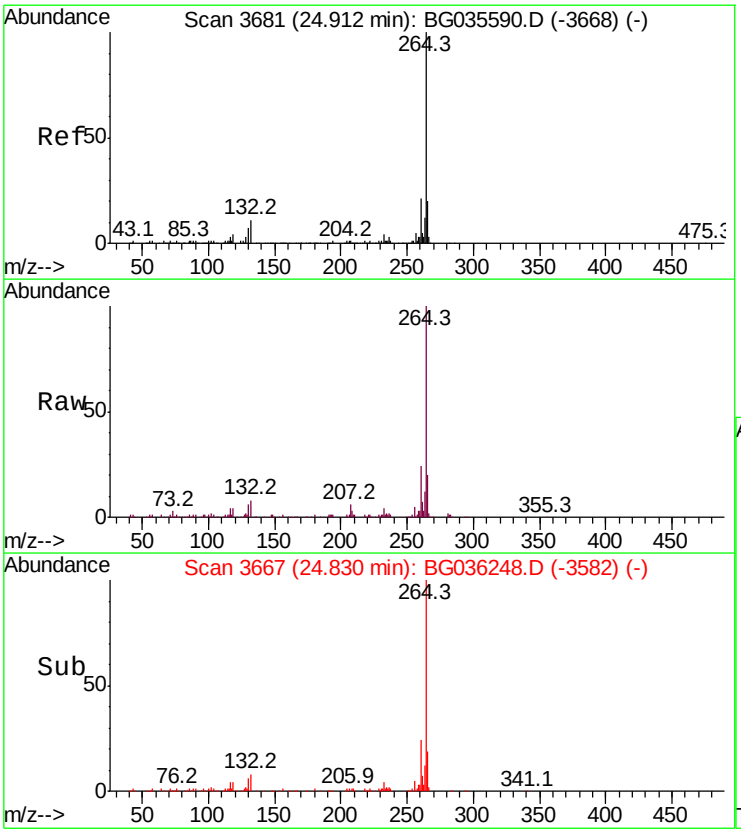
#78
Terphenyl-d14
Concen: 107.804 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036248.D
Acq: 10 Aug 2018 00:50

Instrument :
BNA_G
ClientSampleId :
MW-104D

Tgt Ion:244 Resp: 1036407

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.4	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: BG036248.D
Acq: 10 Aug 2018 00:50

Tgt Ion:264 Resp: 200727

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	19.8	17.7	26.5