Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036226.D
Acq On : 9 Aug 2018 10:27
Operator : JU/SJ
Sample : J4328-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01

Quant Time: Aug 09 12:47:16 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	32058	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	114695	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	83998	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	215072	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	233361	20.00	ng	-0.02
86) Perylene-d12	24.83	264	225363	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	104220	53.97	ng	0.00
7) Phenol-d6	7.18	99	95230	33.06	ng	-0.01
23) Nitrobenzene-d5	9.17	82	246437	89.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	160920	145.35	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	539874	86.11	ng	-0.02
78) Terphenyl-d14	19.98	244	969788	91.61	ng	-0.02
Target Compounds						Qvalue

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

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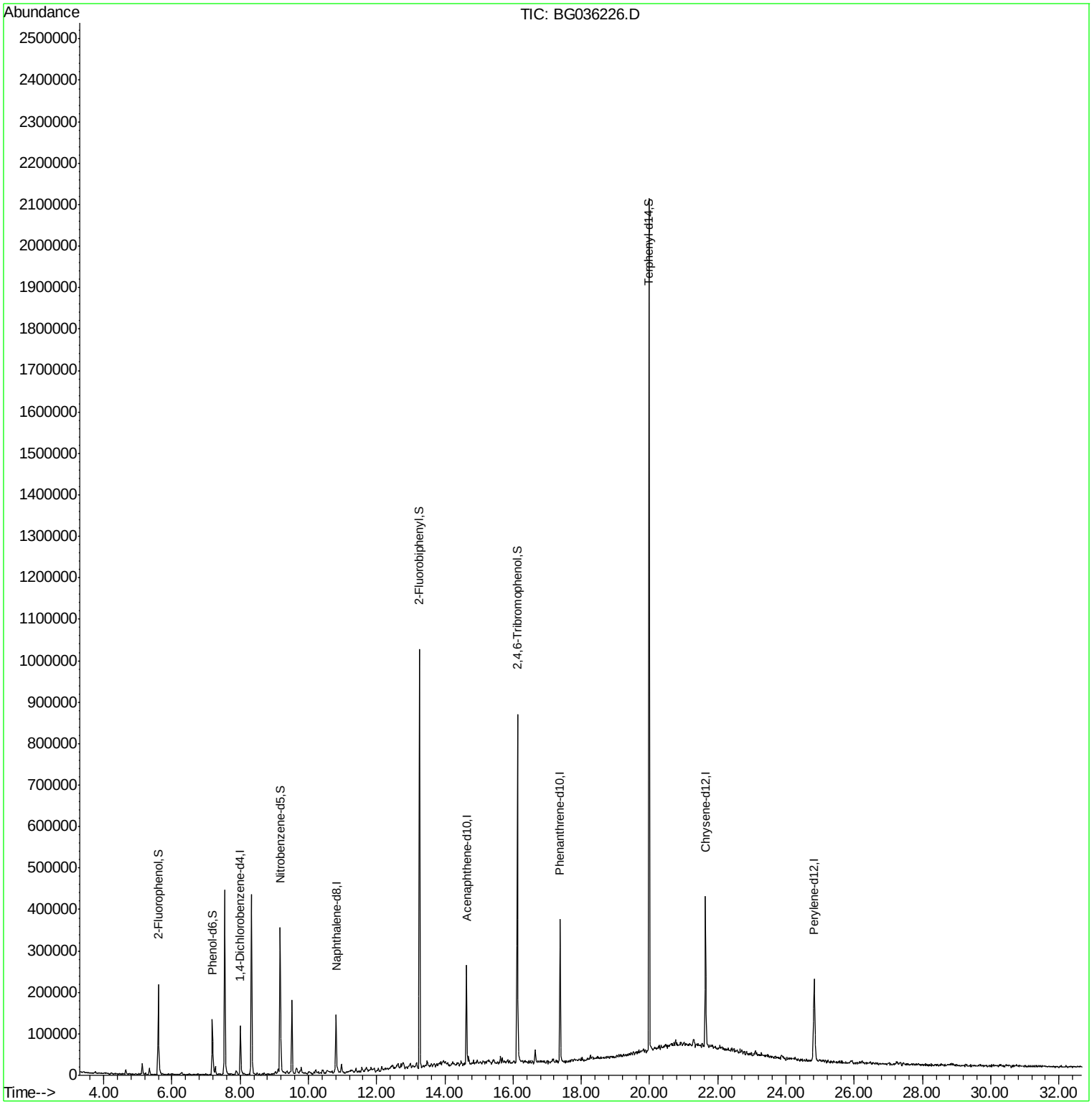
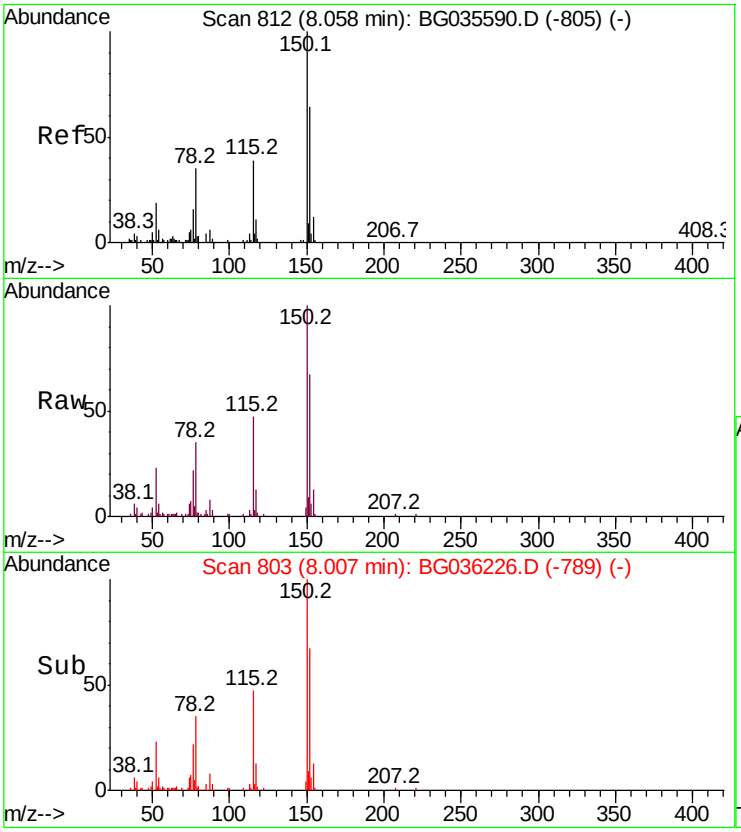


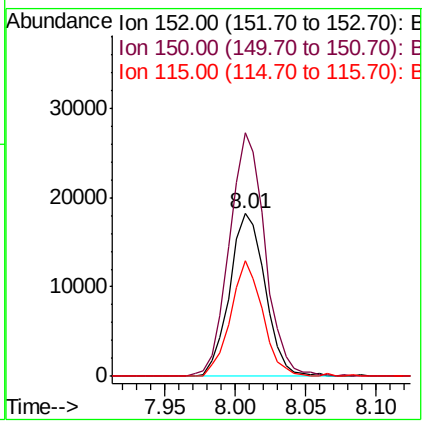


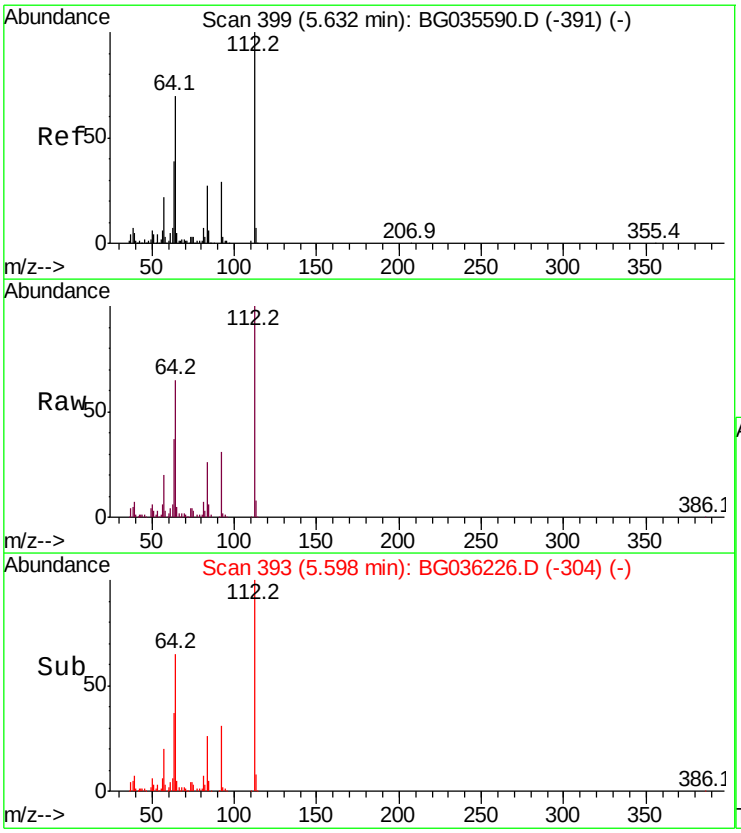
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036226.D
Acq: 9 Aug 2018 10:27

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 32058

Ion	Ratio	Lower	Upper
152	100		
150	149.4	126.6	189.8
115	70.9	53.0	79.4

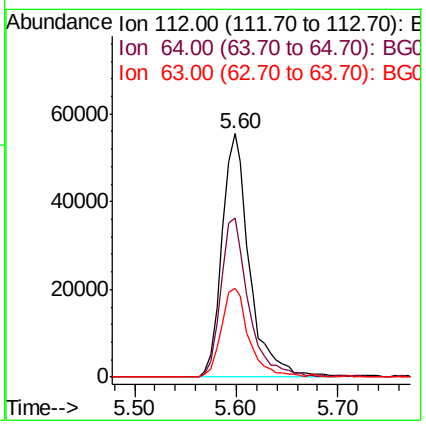


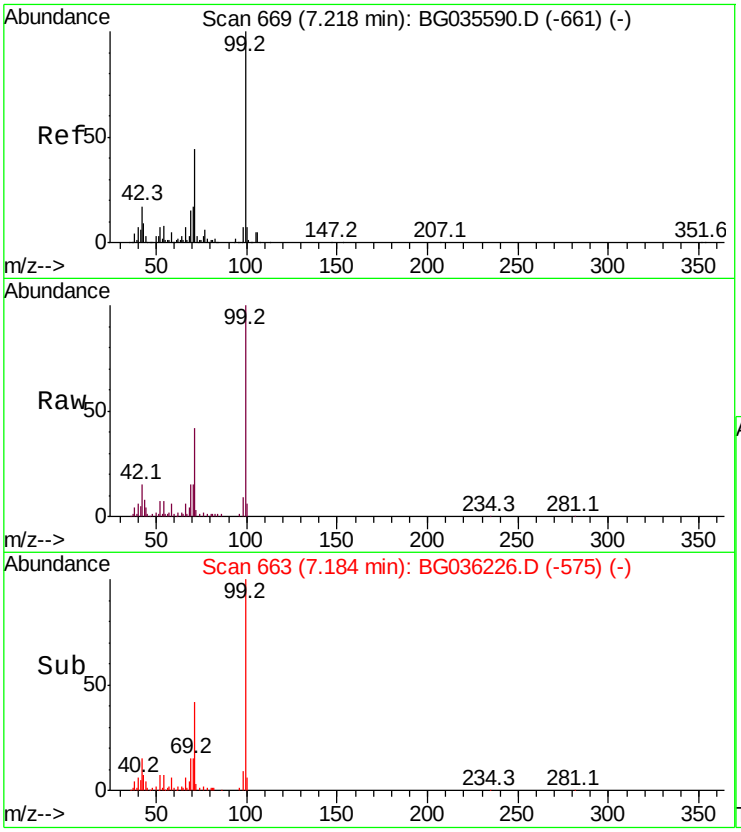


#5
2-Fluorophenol
Concen: 53.974 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036226.D
Acq: 9 Aug 2018 10:27

Tgt Ion:112 Resp: 104220

Ion	Ratio	Lower	Upper
112	100		
64	65.3	56.3	84.5
63	36.6	30.1	45.1



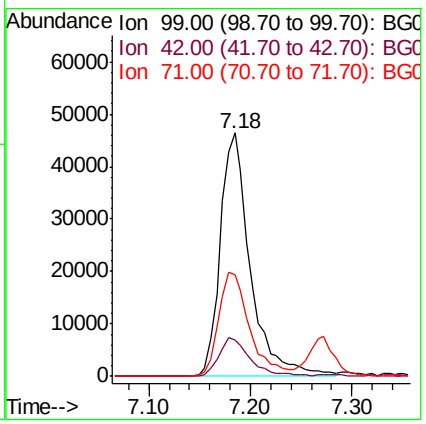


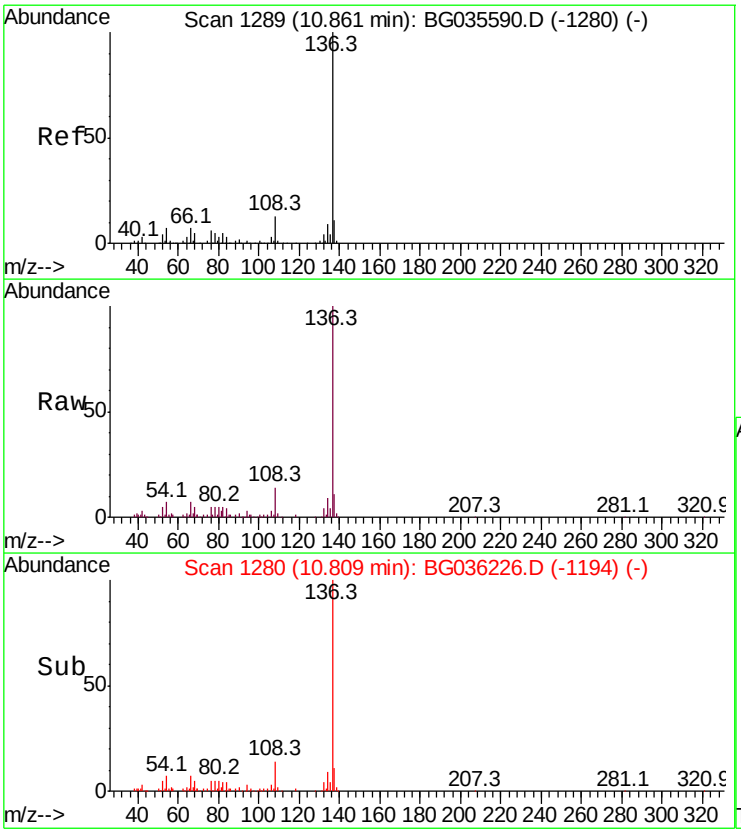
#7
Phenol-d6
Concen: 33.055 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036226.D
Acq: 9 Aug 2018 10:27

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion: 99 Resp: 95230

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.1	21.1
71	41.6	26.1	39.1#

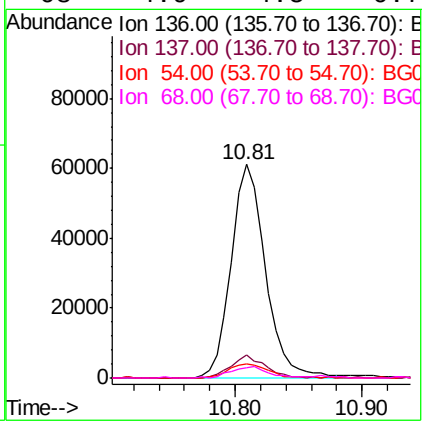


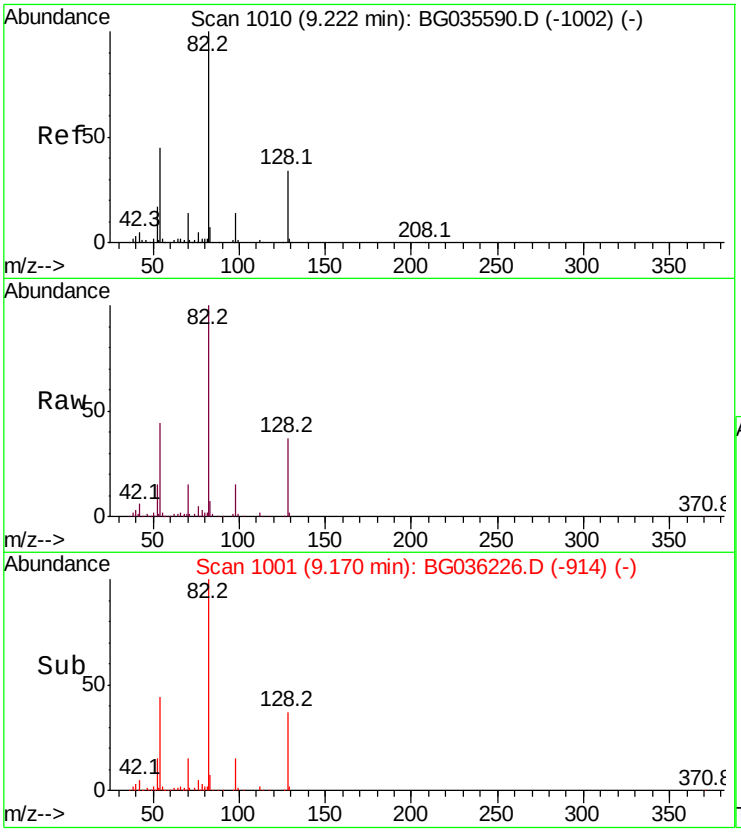


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036226.D
Acq: 9 Aug 2018 10:27

Tgt Ion:136 Resp: 114695

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.5	10.3	15.5#
68	4.9	4.5	6.7



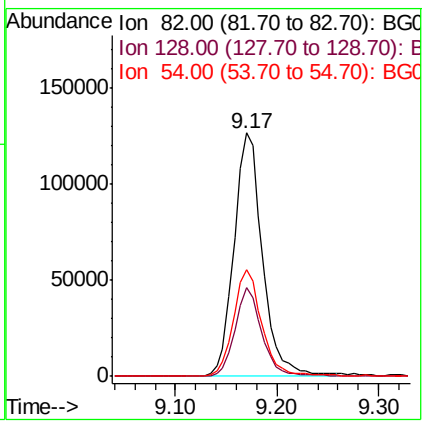


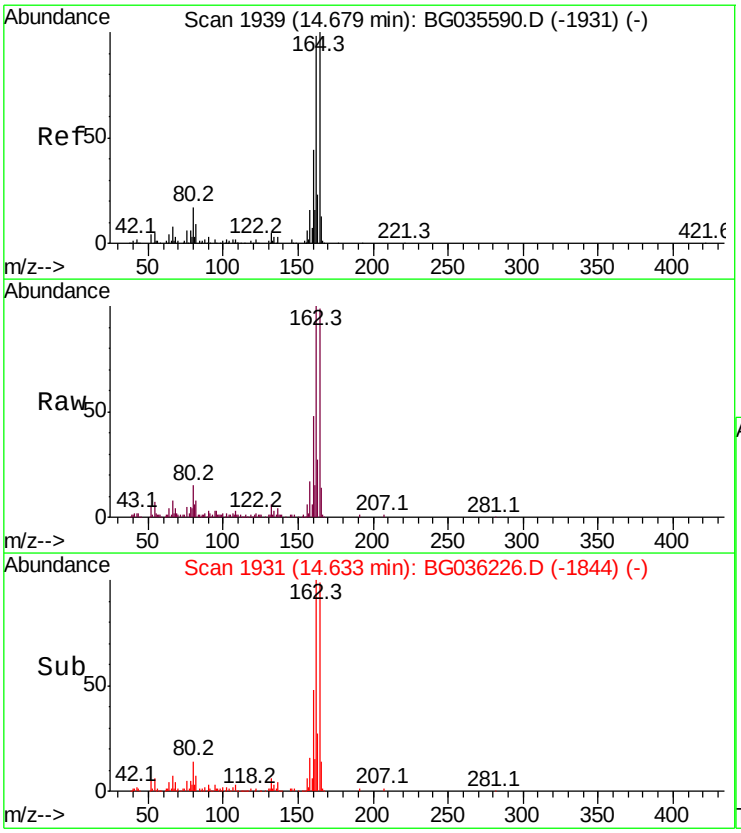
#23
Nitrobenzene-d5
Concen: 89.758 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036226.D
Acq: 9 Aug 2018 10:27

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion: 82 Resp: 246437

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.7	44.5
54	43.8	43.1	64.7

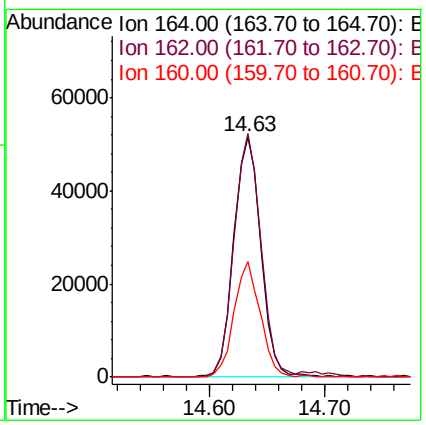


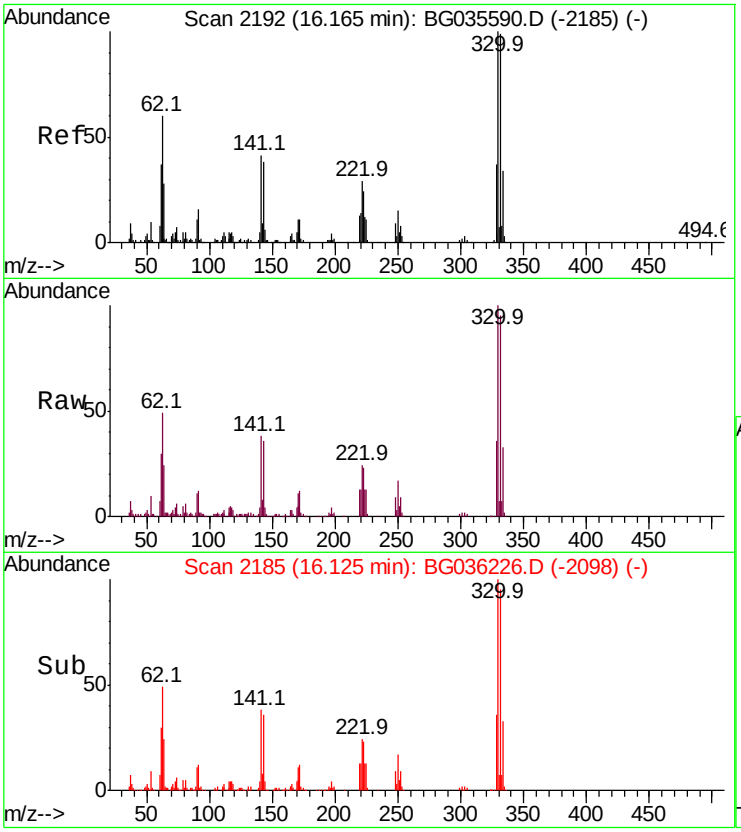


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036226.D
Acq: 9 Aug 2018 10:27

Tgt Ion:164 Resp: 83998

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	48.4	35.4	53.0



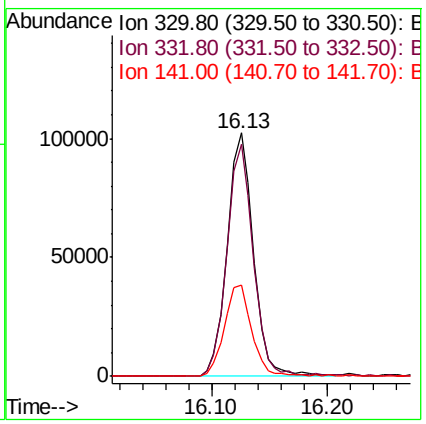


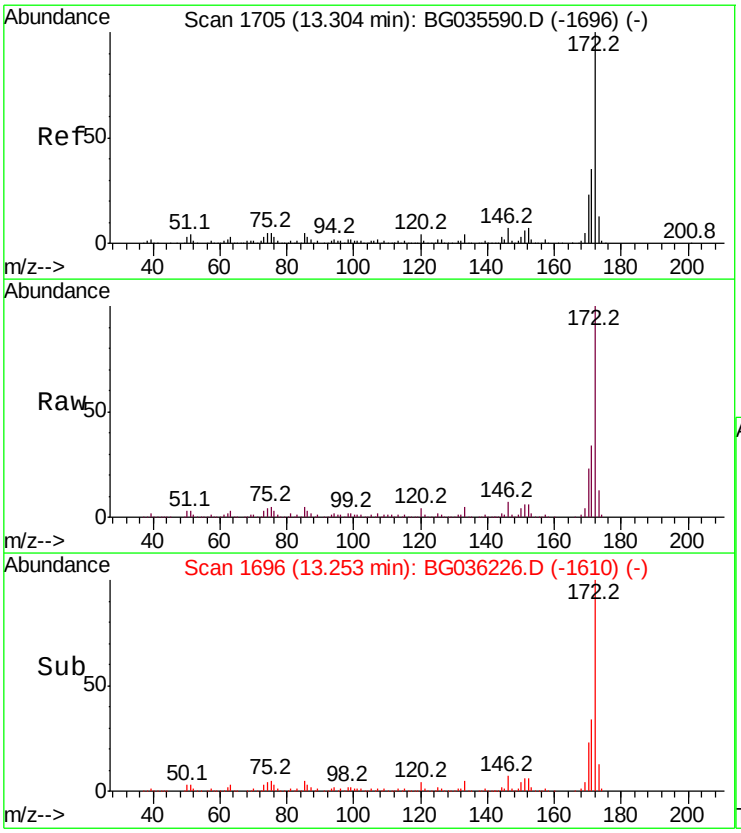
#41
2,4,6-Tribromophenol
Concen: 145.346 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036226.D
Acq: 9 Aug 2018 10:27

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:330 Resp: 160920

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	39.1	25.2	37.8#

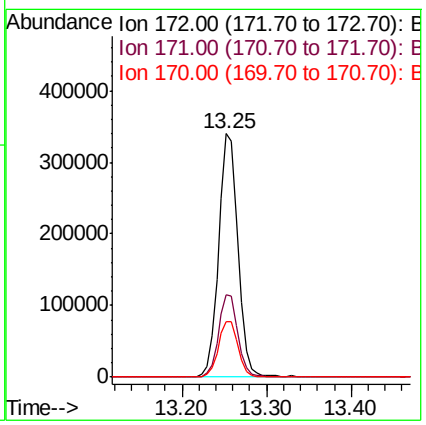


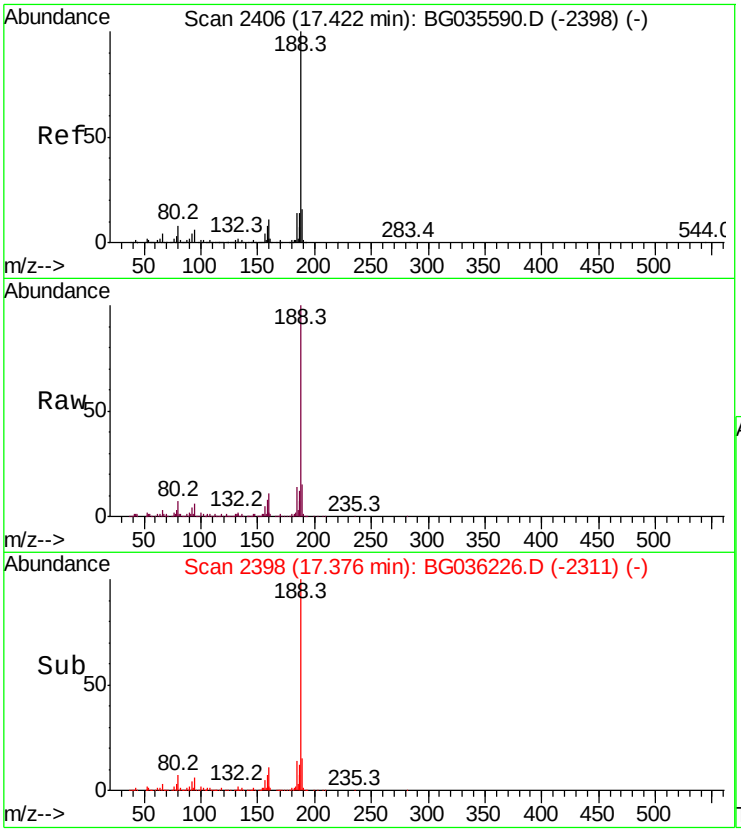


#44
2-Fluorobiphenyl
Concen: 86.108 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036226.D
Acq: 9 Aug 2018 10:27

Tgt Ion:172 Resp: 539874

Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	23.0	19.5	29.3



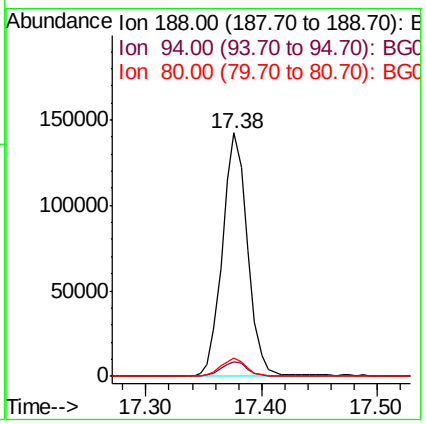


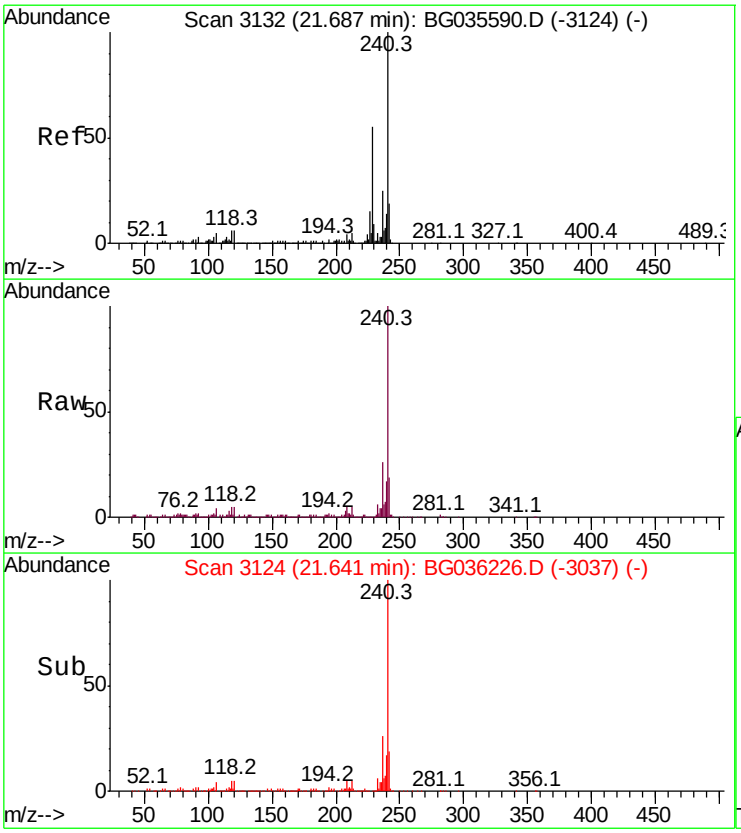
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036226.D
Acq: 9 Aug 2018 10:27

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:188 Resp: 215072

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.4	7.7	11.5#

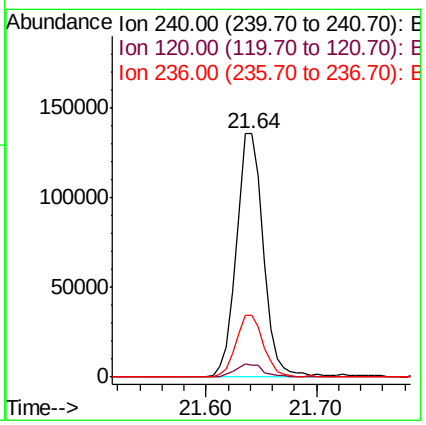


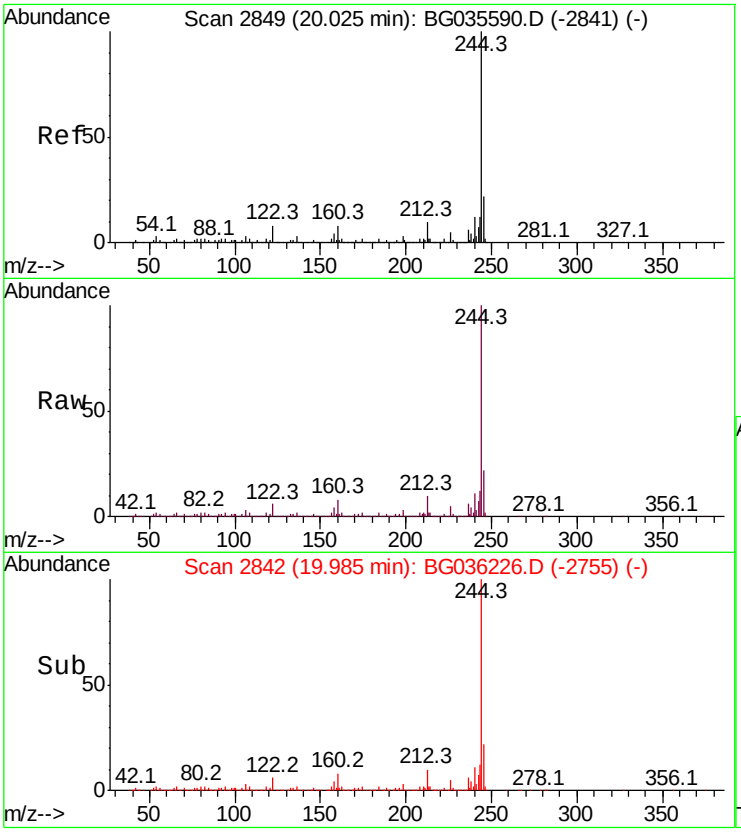


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036226.D
Acq: 9 Aug 2018 10:27

Tgt Ion:240 Resp: 233361

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	25.5	20.9	31.3



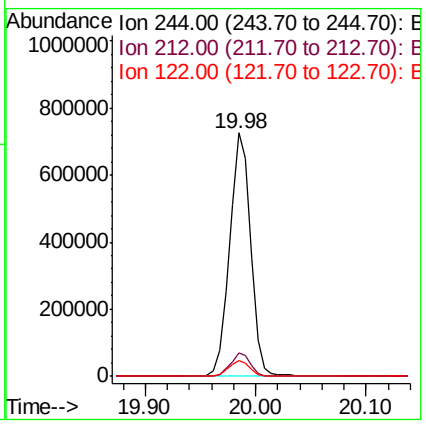


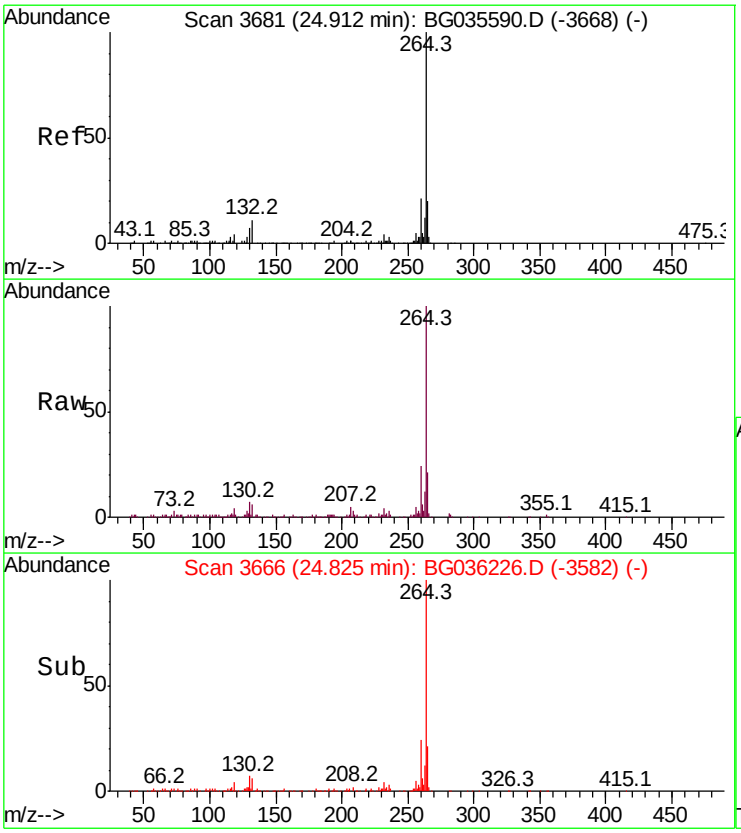
#78
Terphenyl-d14
Concen: 91.605 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036226.D
Acq: 9 Aug 2018 10:27

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:244 Resp: 969788

Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	6.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3666
Delta R.T. -0.04 min
Lab File: BG036226.D
Acq: 9 Aug 2018 10:27

Tgt Ion:264 Resp: 225363

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	20.7	17.7	26.5