Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
Data File : BG035644.D
Acq On : 14 Jul 2018 00:37
Operator : JU/SJ
Sample : J3980-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-E-MH-S

Quant Time: Jul 14 04:13:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48636	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	179842	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	128405	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	371484	20.00	ng	0.00
75) Chrysene-d12	21.69	240	416645	20.00	ng	0.00
86) Perylene-d12	24.90	264	389763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	406561	138.78	ng	0.00
7) Phenol-d6	7.22	99	525203	120.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	432511	100.47	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	291306	172.12	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	963638	100.54	ng	0.00
78) Terphenyl-d14	20.02	244	1807857	95.65	ng	0.00
Target Compounds						Qvalue

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

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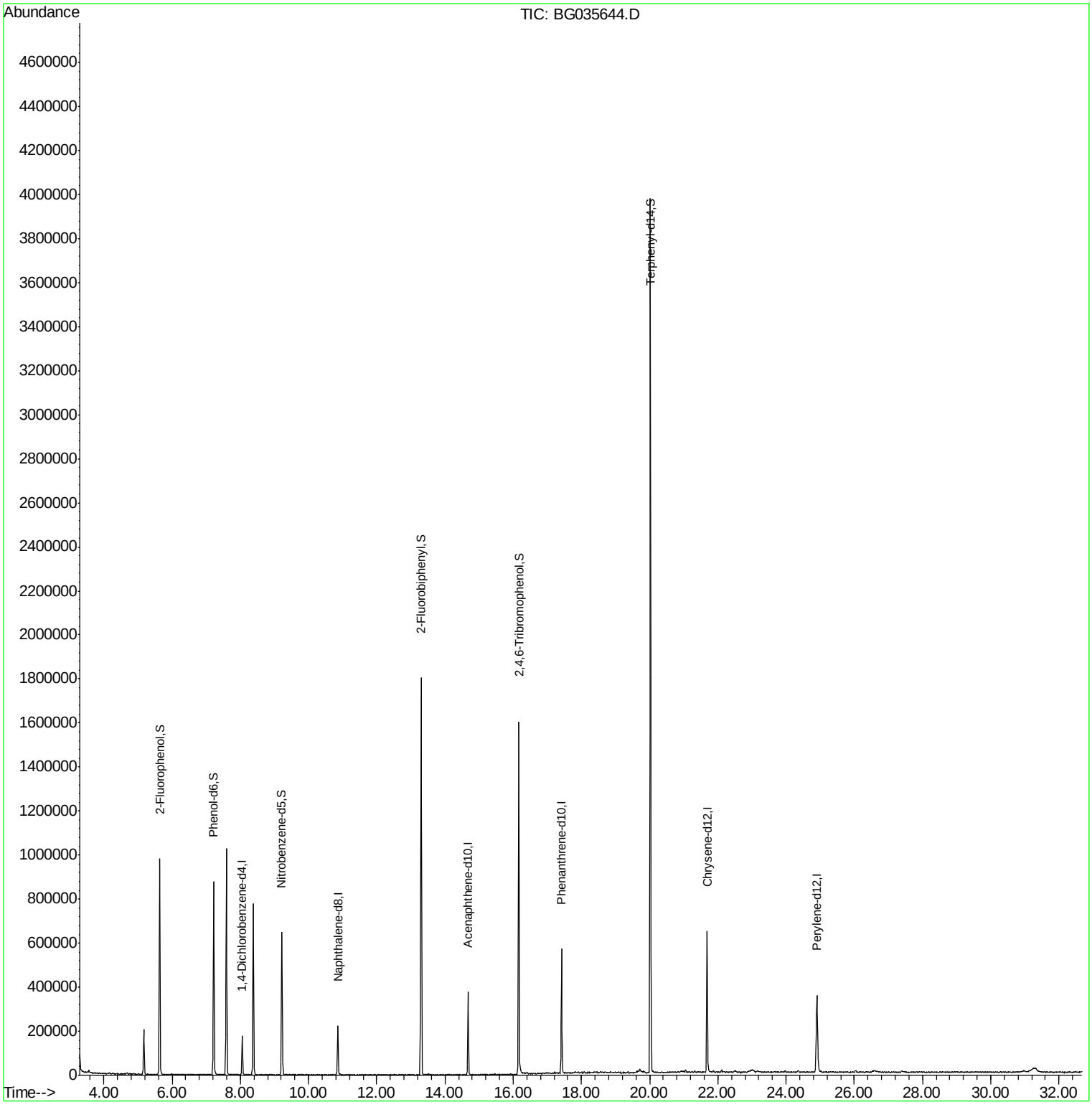
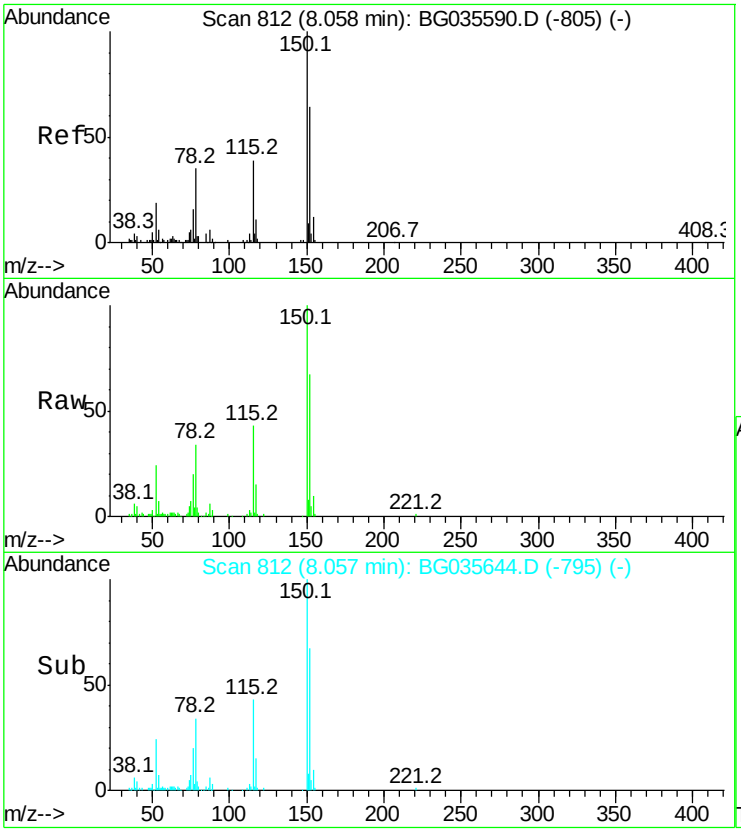


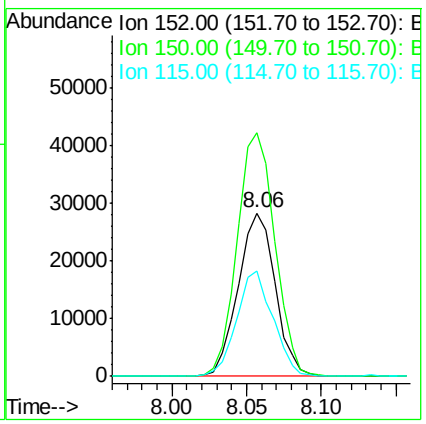


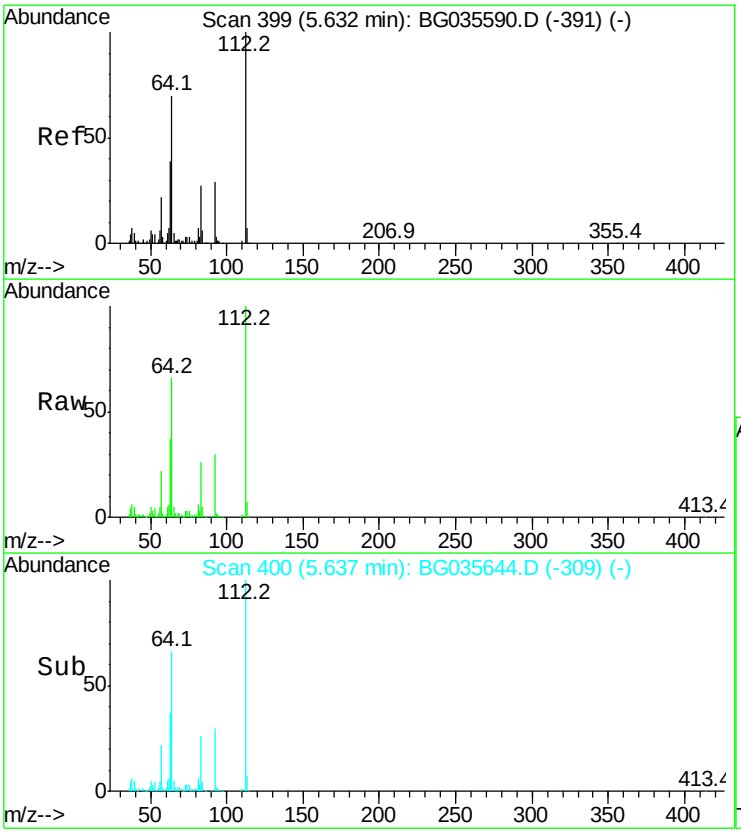
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Instrument :
BNA_G
ClientSampleId :
TP-E-MH-S

Tgt Ion:152 Resp: 48636

Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.6	189.8
115	64.3	53.0	79.4

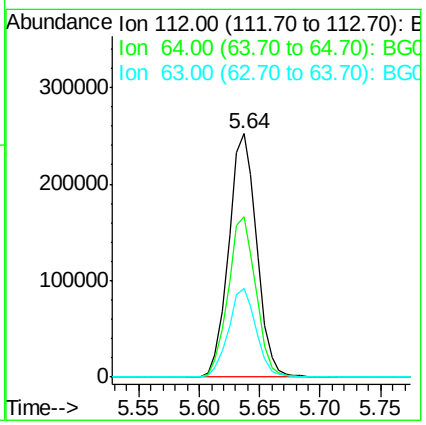


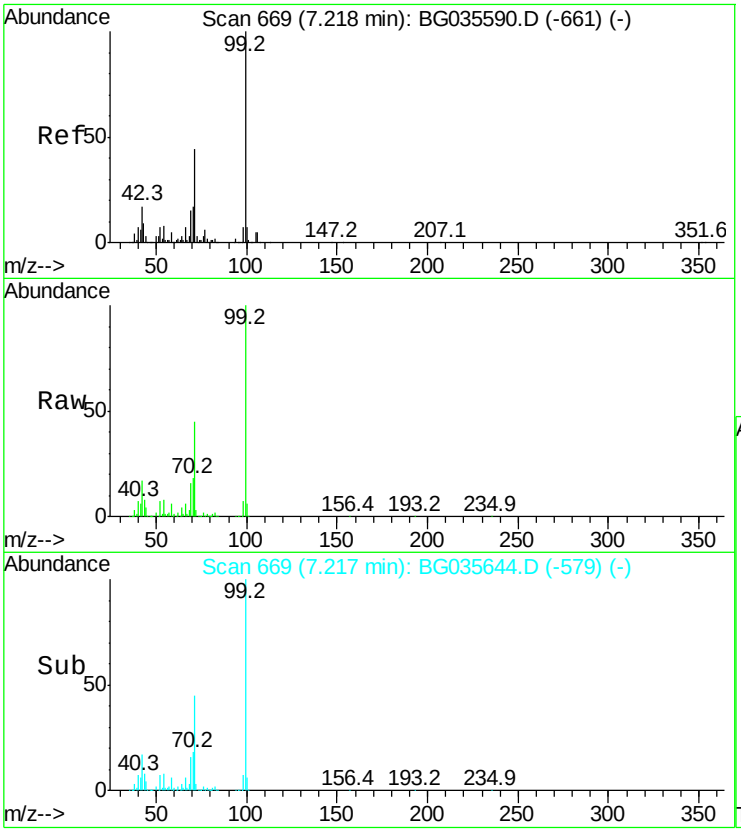


#5
2-Fluorophenol
Concen: 138.783 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Tgt Ion:112 Resp: 406561

Ion	Ratio	Lower	Upper
112	100		
64	66.1	56.3	84.5
63	36.5	30.1	45.1



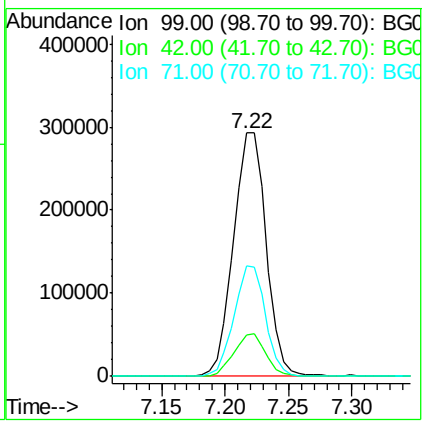


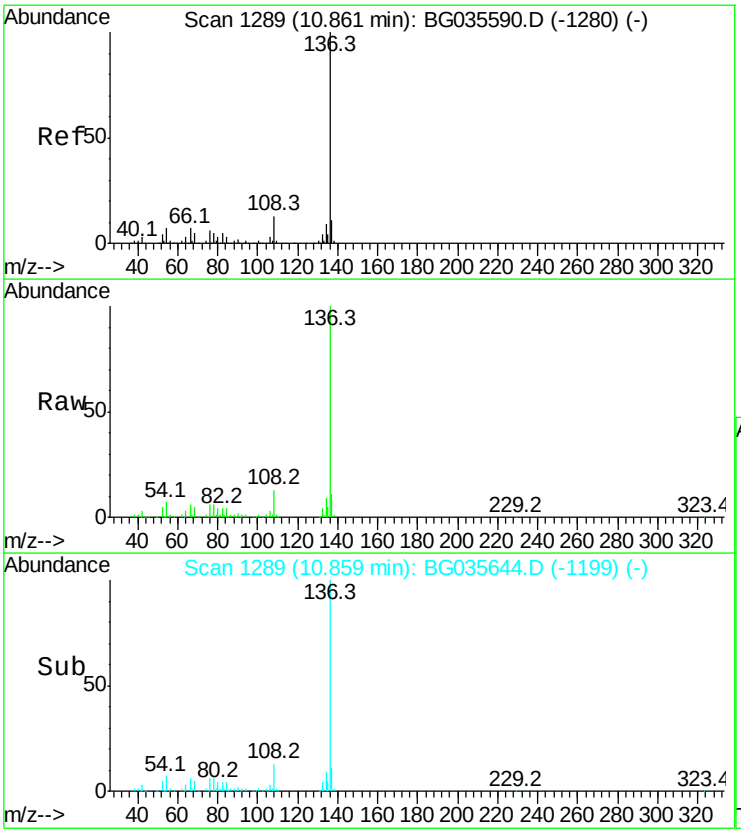
#7
Phenol-d6
Concen: 120.164 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Instrument :
BNA_G
ClientSampleId :
TP-E-MH-S

Tgt Ion: 99 Resp: 525203

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.1	21.1
71	45.4	26.1	39.1#

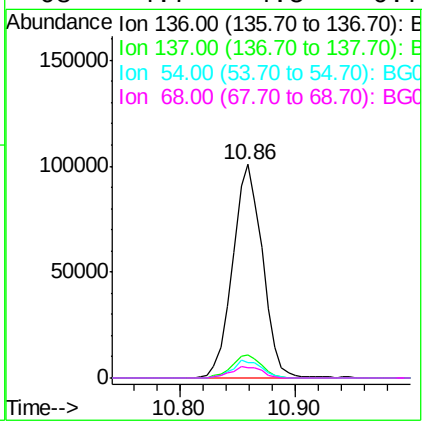


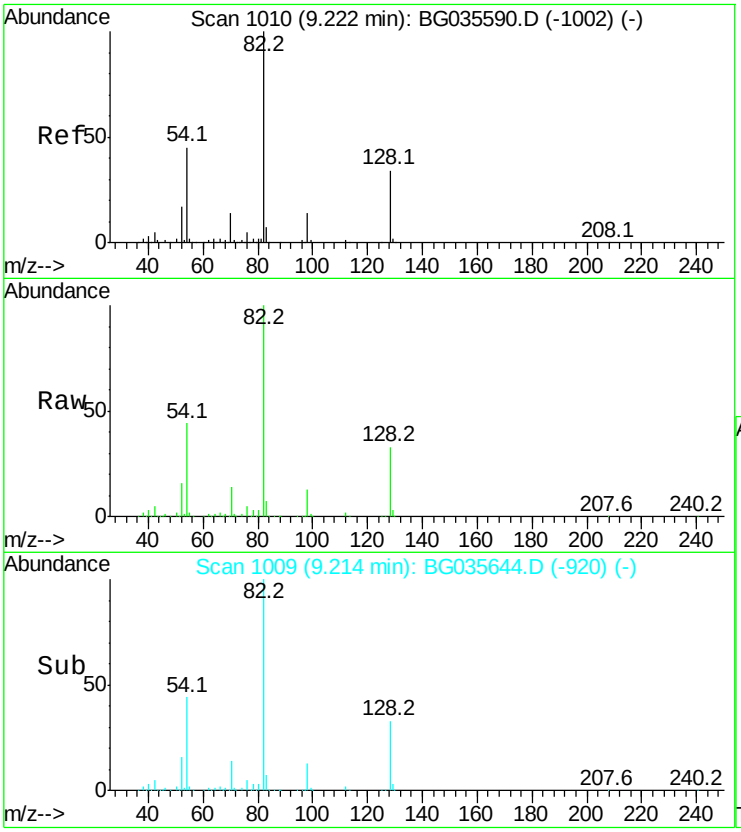


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Tgt Ion:136 Resp: 179842

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.4	10.3	15.5#
68	4.7	4.5	6.7



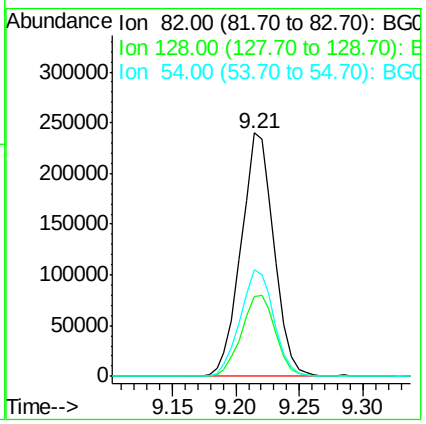


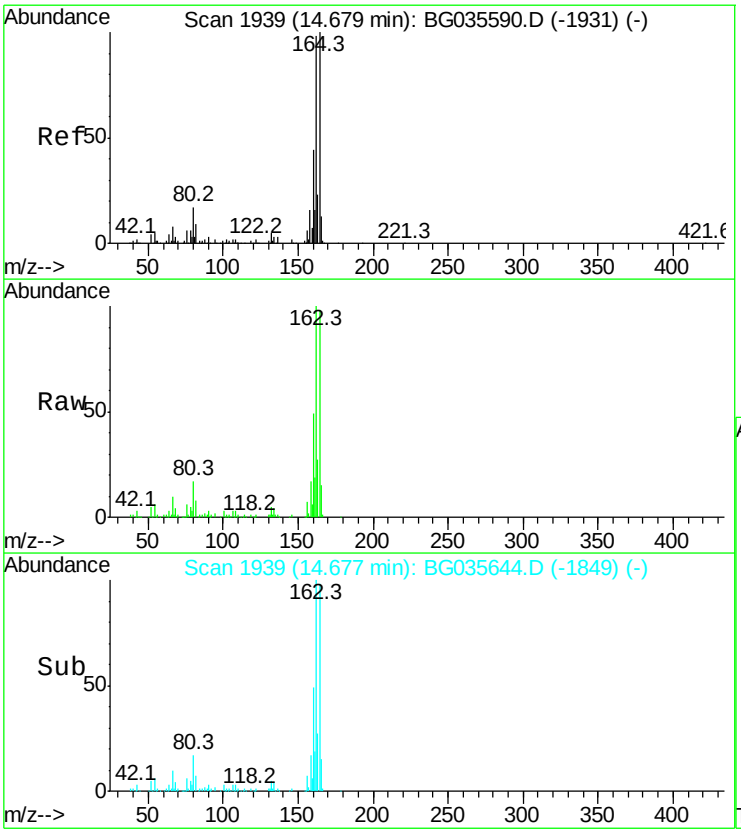
#23
Nitrobenzene-d5
Concen: 100.466 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Instrument :
BNA_G
ClientSampleId :
TP-E-MH-S

Tgt Ion: 82 Resp: 432511

Ion	Ratio	Lower	Upper
82	100		
128	32.8	29.7	44.5
54	44.0	43.1	64.7

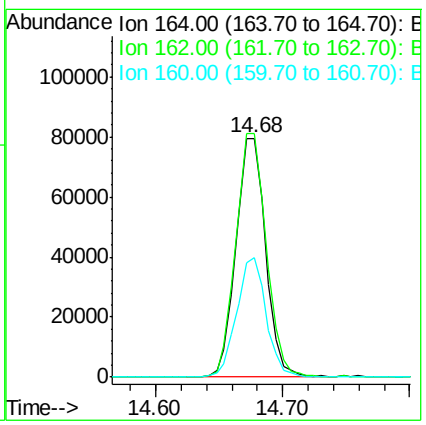


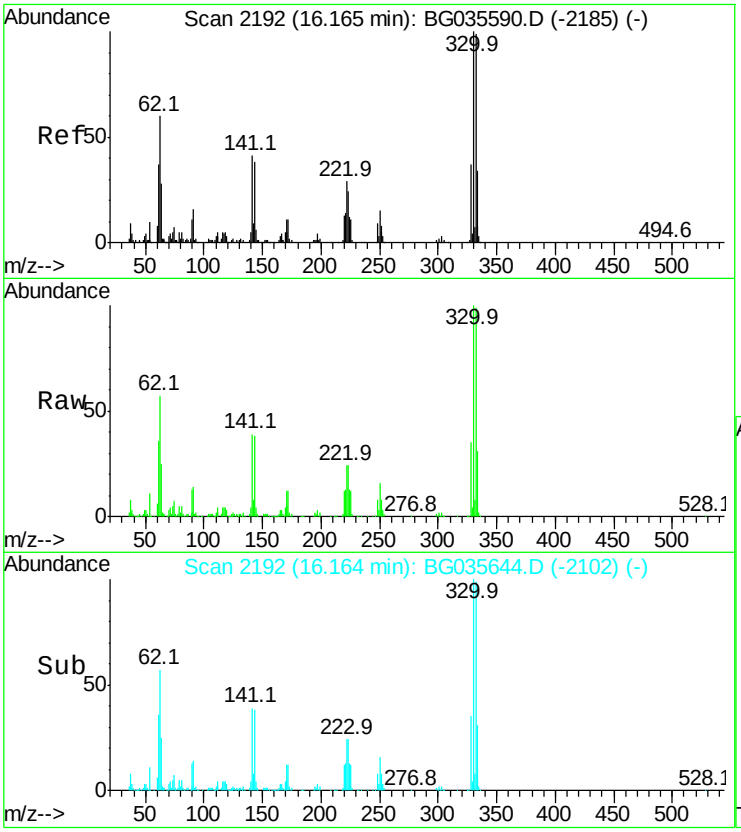


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Tgt Ion:164 Resp: 128405

Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.8	118.2
160	49.8	35.4	53.0



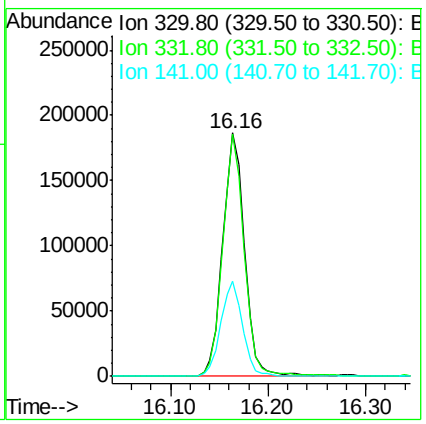


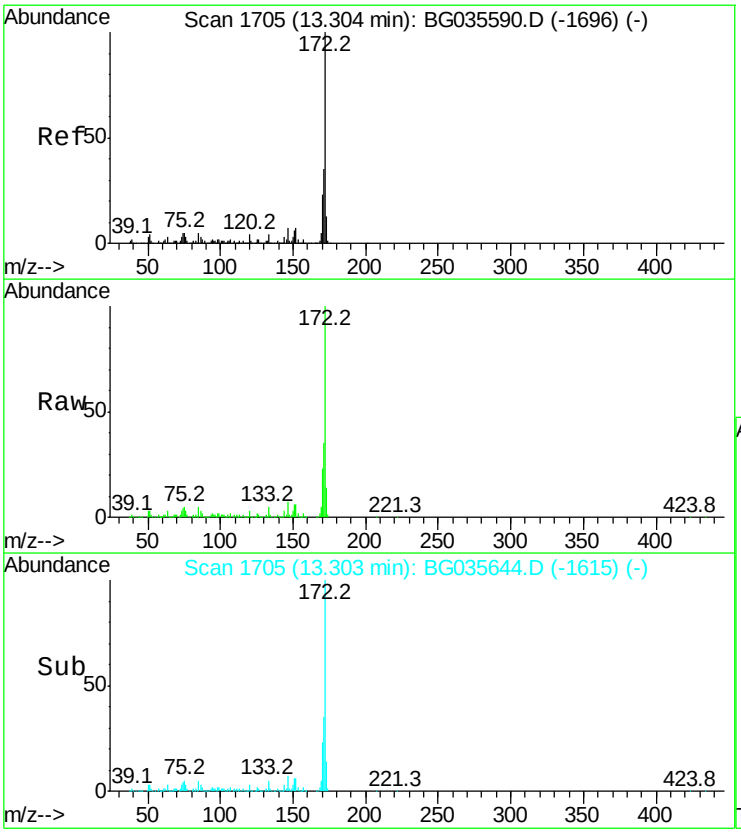
#41
2,4,6-Tribromophenol
Concen: 172.120 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Instrument :
BNA_G
ClientSampleId :
TP-E-MH-S

Tgt Ion:330 Resp: 291306

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	38.7	25.2	37.8#

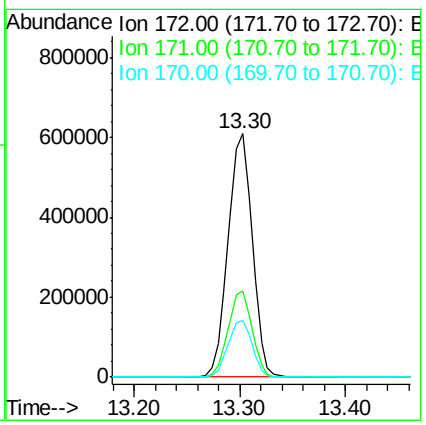


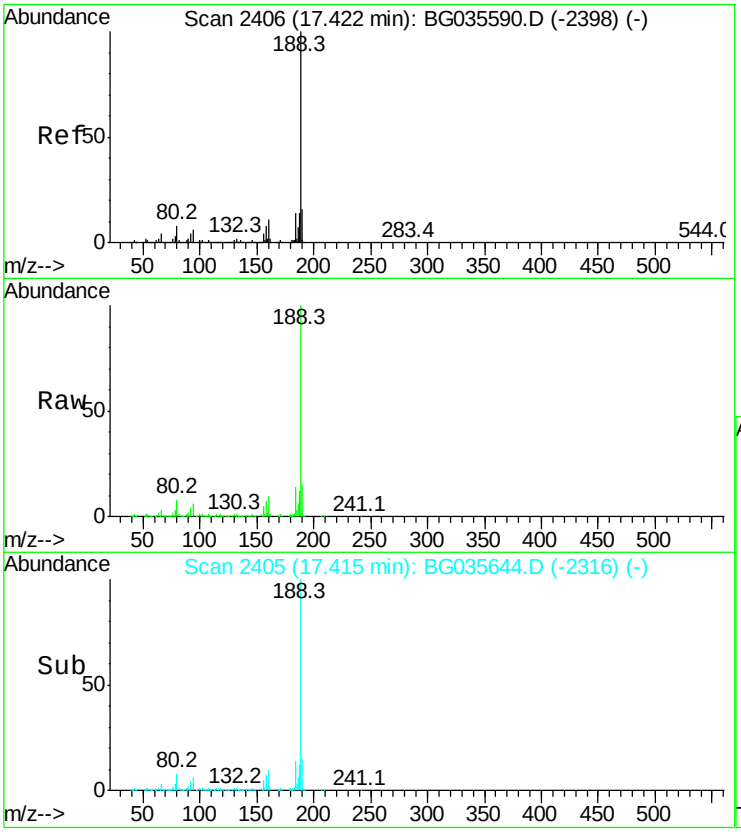


#44
2-Fluorobiphenyl
Concen: 100.543 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Tgt Ion:172 Resp: 963638

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.5	19.5	29.3



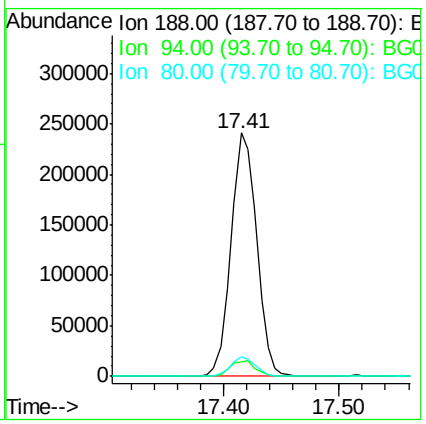


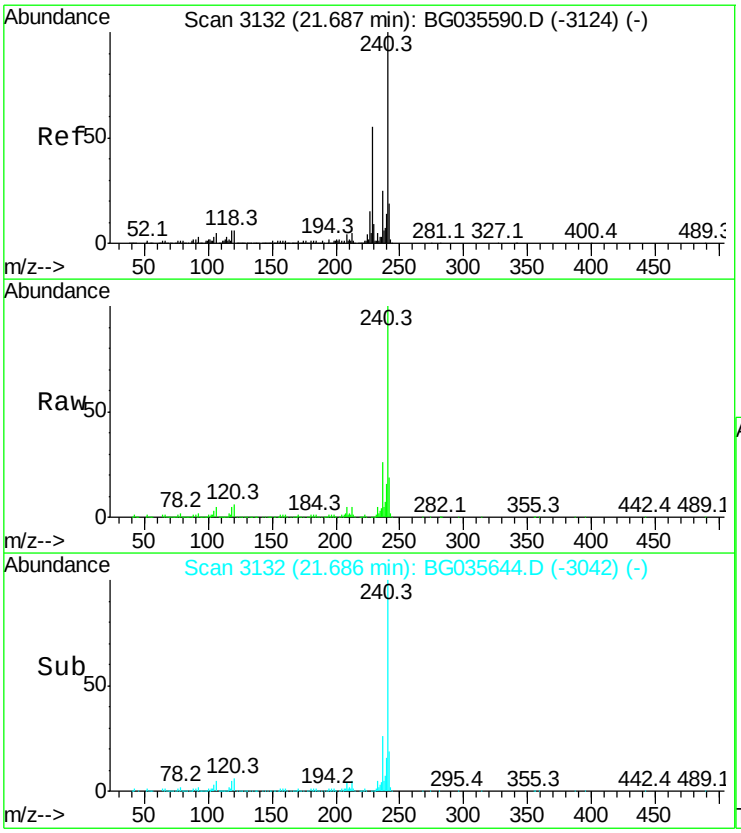
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Instrument :
BNA_G
ClientSampleId :
TP-E-MH-S

Tgt Ion:188 Resp: 371484

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.9	7.7	11.5

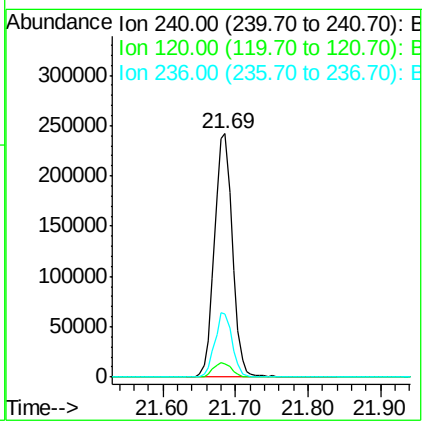


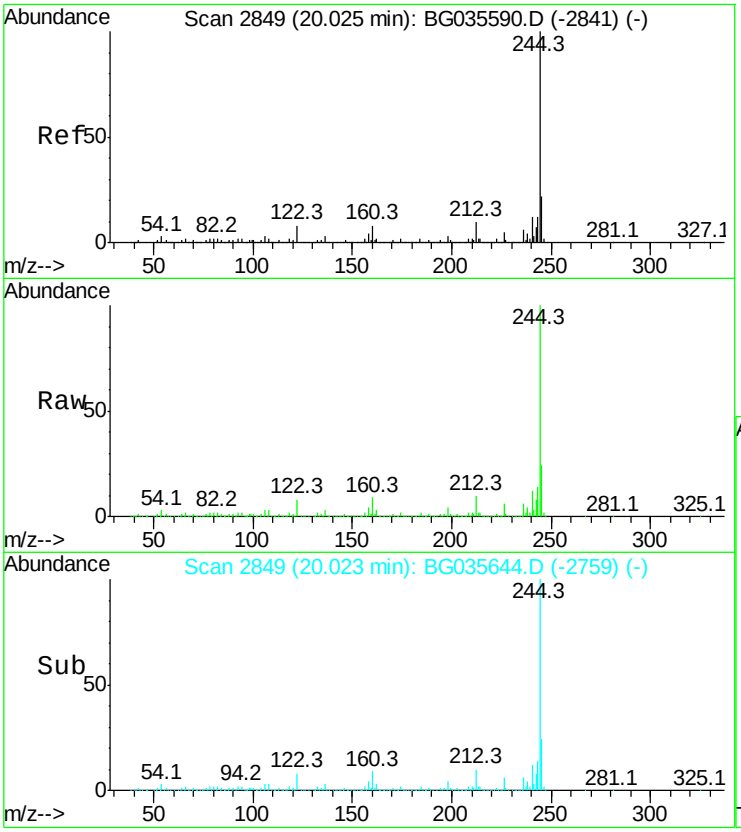


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Tgt Ion:240 Resp: 416645

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	26.0	20.9	31.3



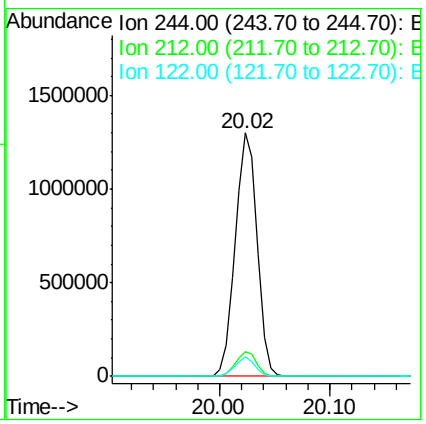


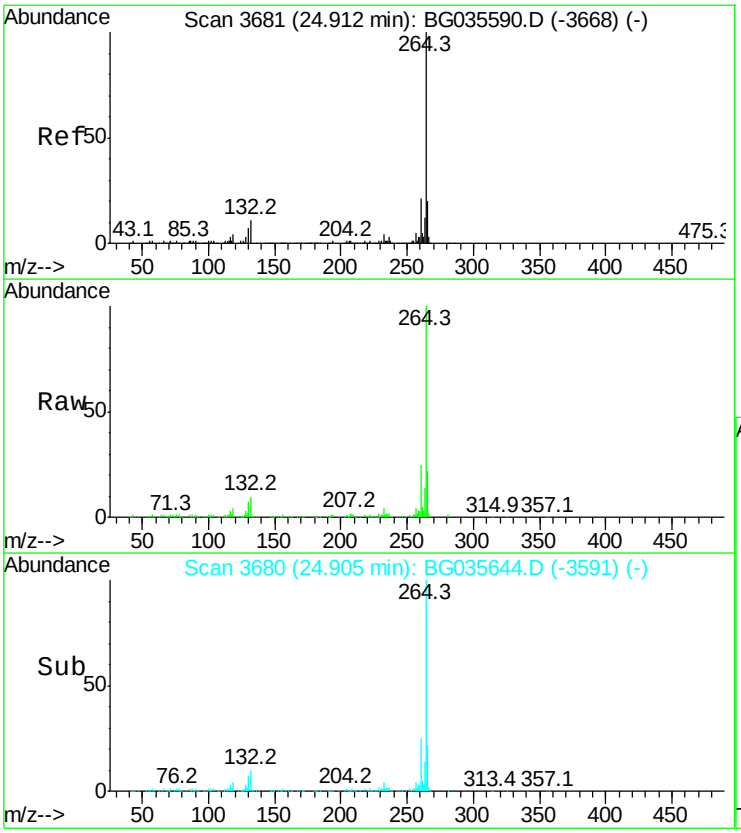
#78
Terphenyl-d14
Concen: 95.646 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Instrument :
BNA_G
ClientSampleId :
TP-E-MH-S

Tgt Ion:244 Resp: 1807857

Ion	Ratio	Lower	Upper
244	100		
212	10.0	5.8	8.8#
122	7.8	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Tgt Ion:264 Resp: 389763

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	21.8	17.7	26.5