Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035622.D
Acq On : 13 Jul 2018 9:30
Operator : JU/SJ
Sample : PB111025BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111025BL

Quant Time: Jul 13 12:06:28 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	40009	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	150699	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	113674	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	313793	20.00	ng	0.00
75) Chrysene-d12	21.68	240	343132	20.00	ng	0.00
86) Perylene-d12	24.90	264	313952	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	337326	139.98	ng	0.00
7) Phenol-d6	7.22	99	491699	136.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	310753	86.14	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	194604	129.88	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	734138	86.52	ng	0.00
78) Terphenyl-d14	20.02	244	1430471	91.89	ng	0.00
Target Compounds						Qvalue

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

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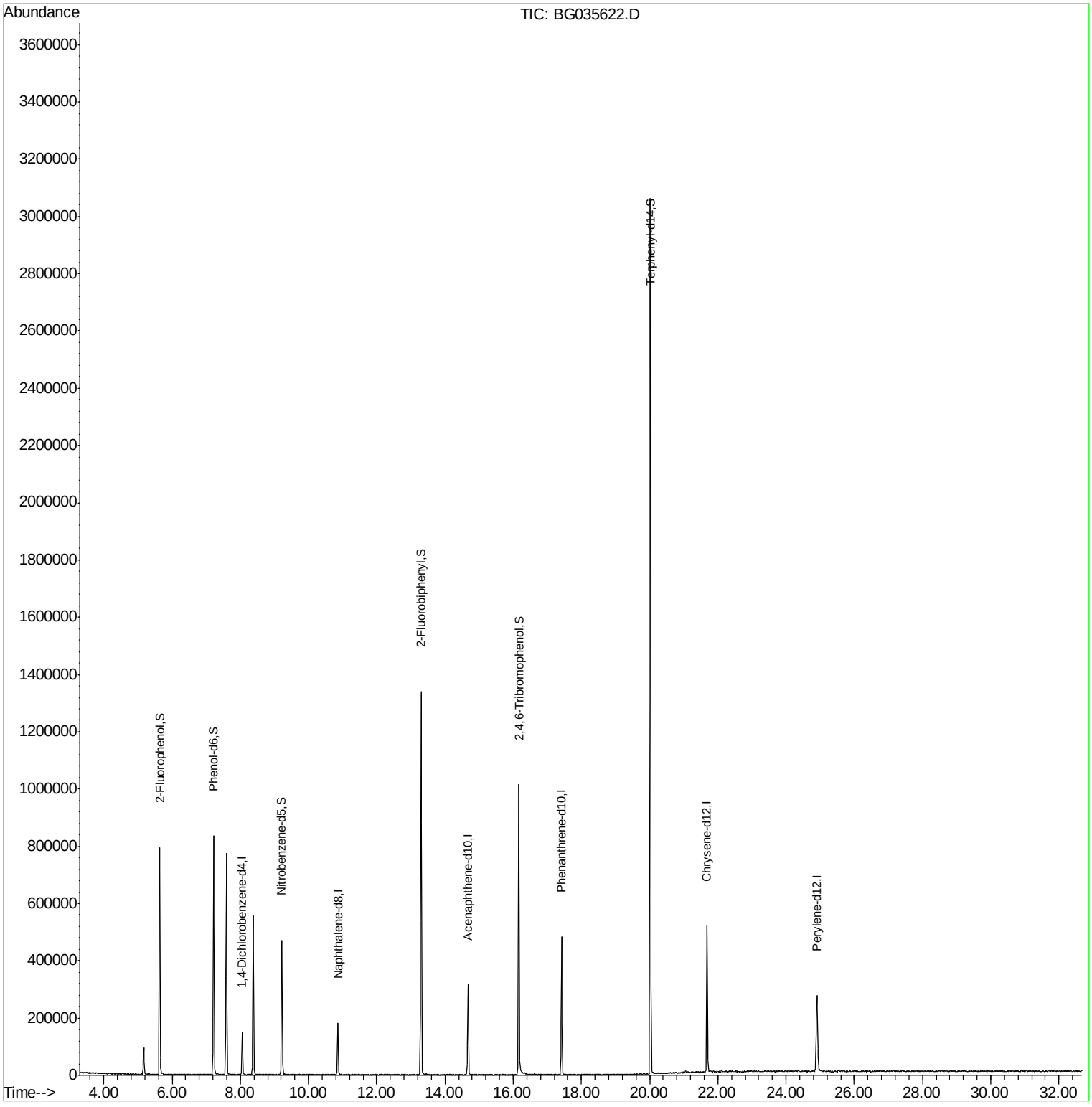
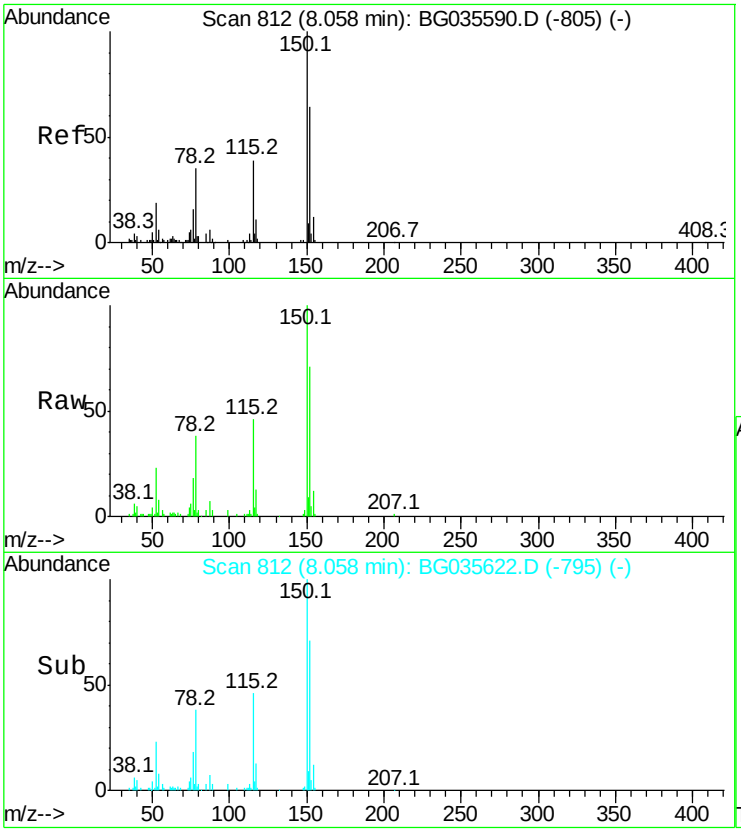


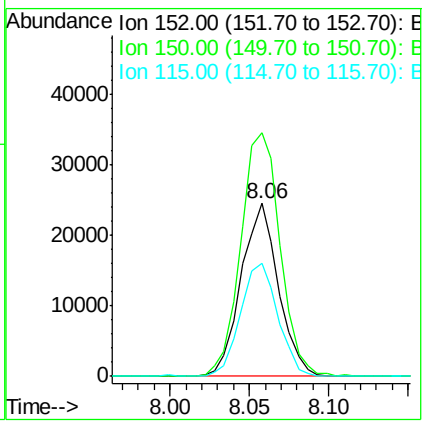


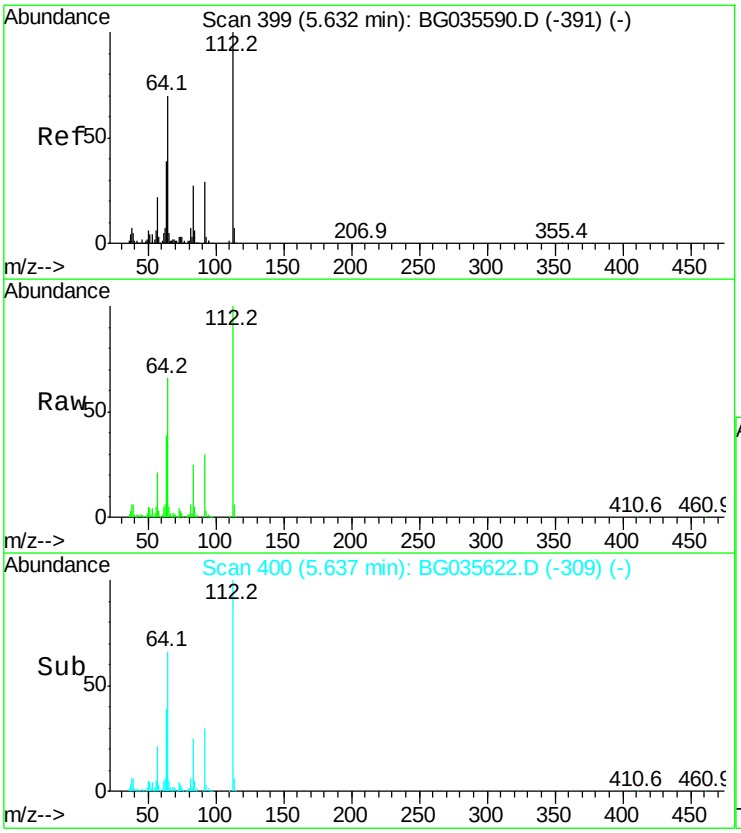
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035622.D
Acq: 13 Jul 2018 9:30

Instrument :
BNA_G
ClientSampleId :
PB111025BL

Tgt Ion:152 Resp: 40009

Ion	Ratio	Lower	Upper
152	100		
150	140.9	126.6	189.8
115	65.3	53.0	79.4

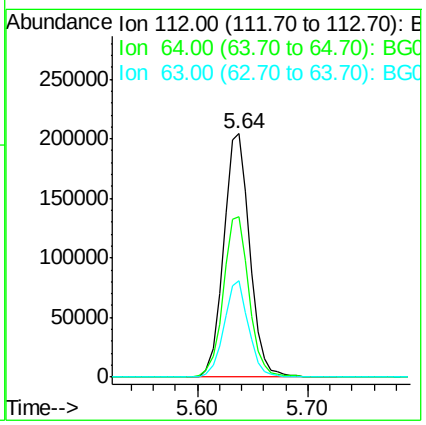


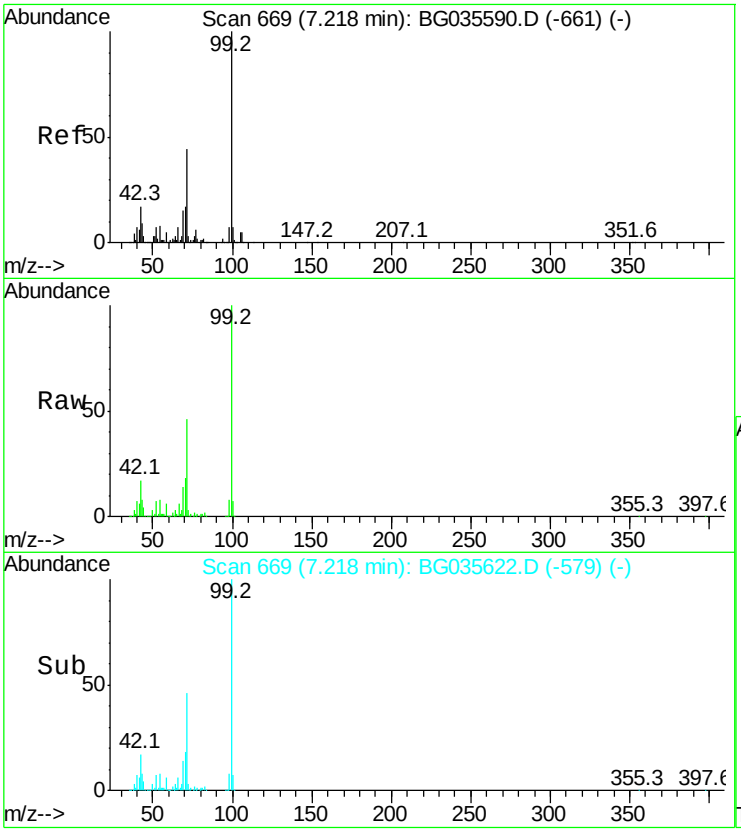


#5
2-Fluorophenol
Concen: 139.979 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035622.D
Acq: 13 Jul 2018 9:30

Tgt Ion:112 Resp: 337326

Ion	Ratio	Lower	Upper
112	100		
64	65.9	56.3	84.5
63	39.5	30.1	45.1



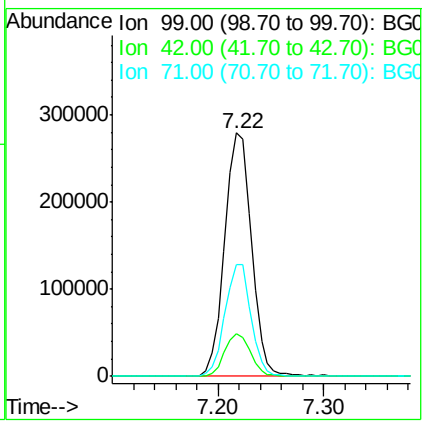


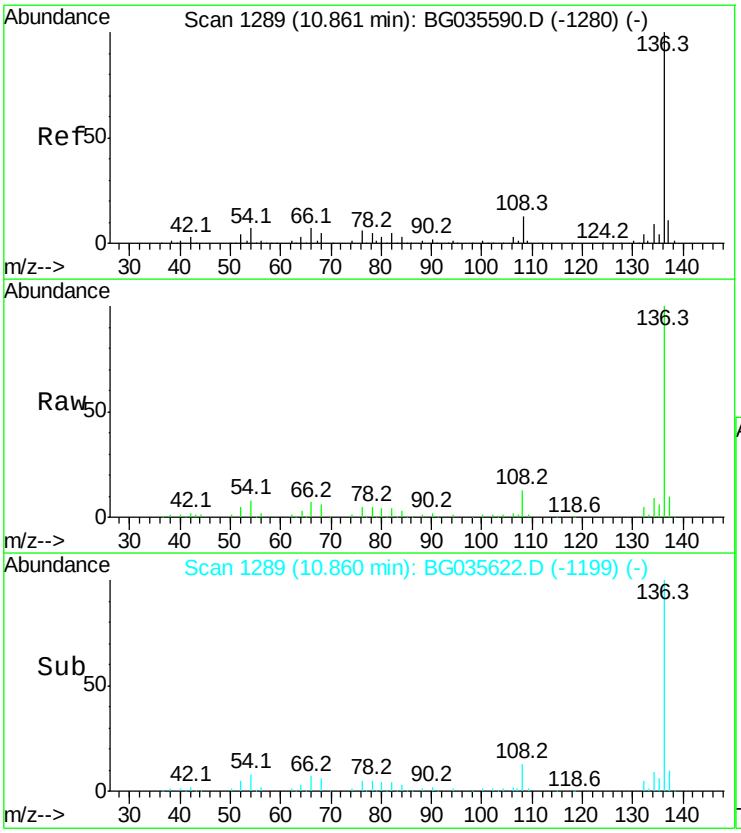
#7
Phenol-d6
Concen: 136.756 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG035622.D
Acq: 13 Jul 2018 9:30

Instrument :
BNA_G
ClientSampleId :
PB111025BL

Tgt Ion: 99 Resp: 491699

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	45.7	26.1	39.1#

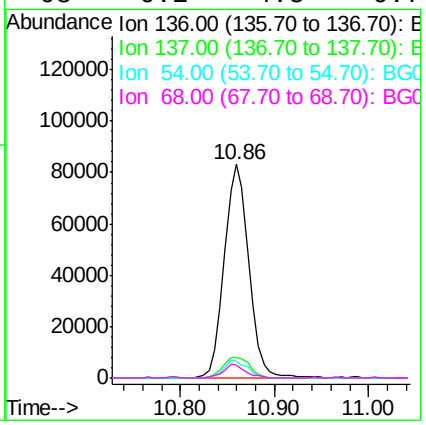


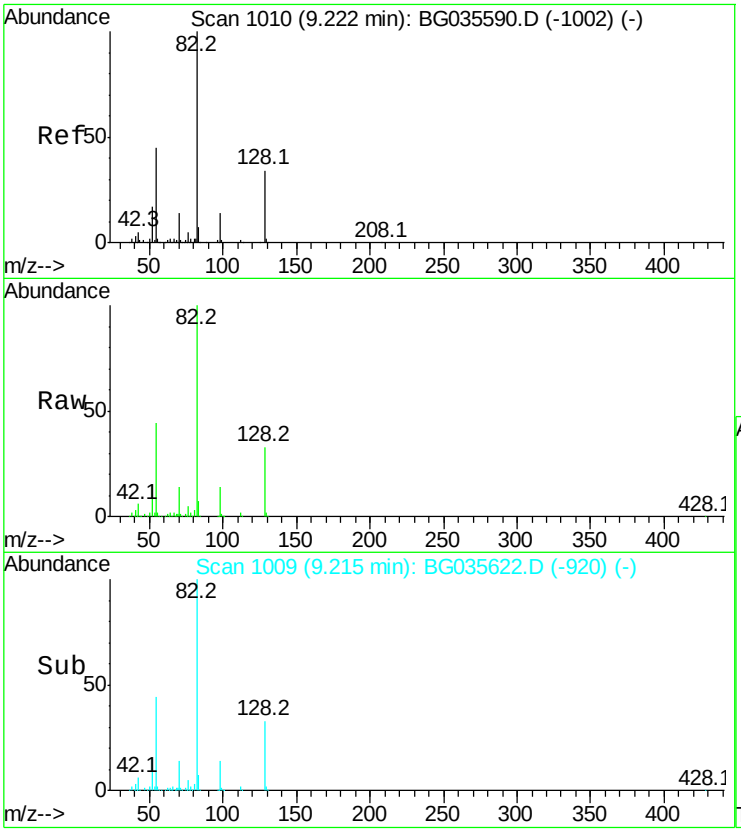


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035622.D
Acq: 13 Jul 2018 9:30

Tgt Ion:136 Resp: 150699

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	8.0	10.3	15.5#
68	6.2	4.5	6.7



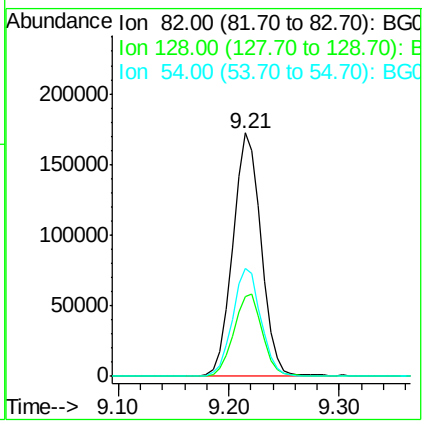


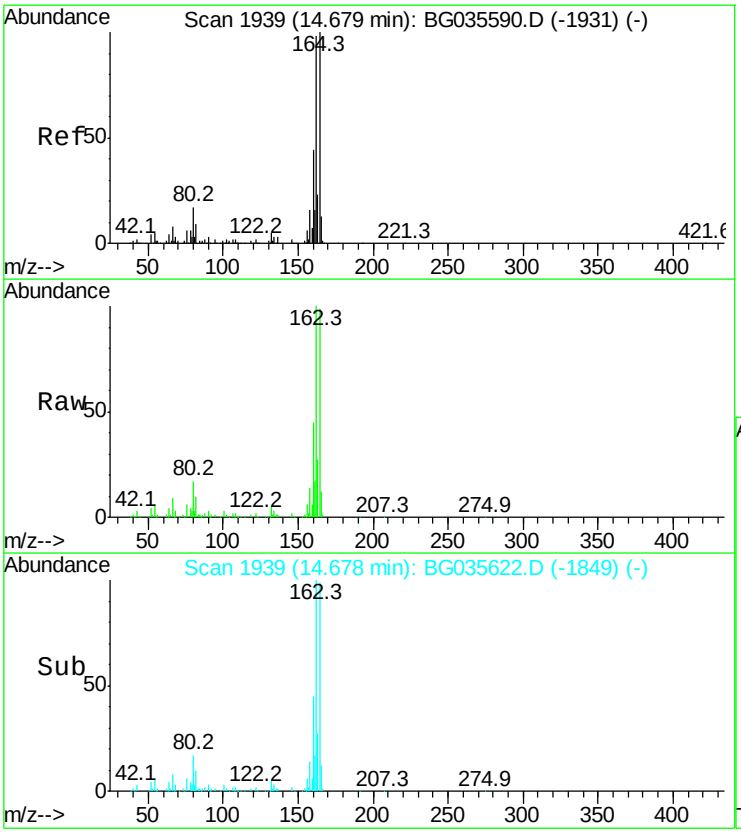
#23
Nitrobenzene-d5
Concen: 86.143 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035622.D
Acq: 13 Jul 2018 9:30

Instrument :
BNA_G
ClientSampleId :
PB111025BL

Tgt Ion: 82 Resp: 310753

Ion	Ratio	Lower	Upper
82	100		
128	32.8	29.7	44.5
54	44.2	43.1	64.7

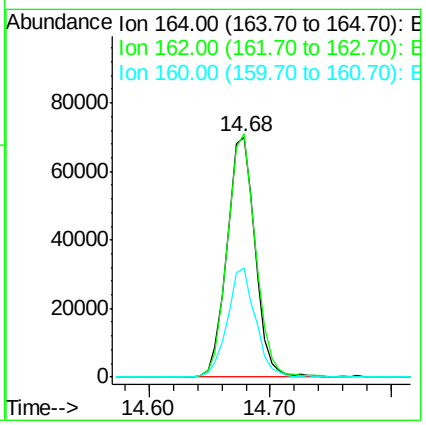


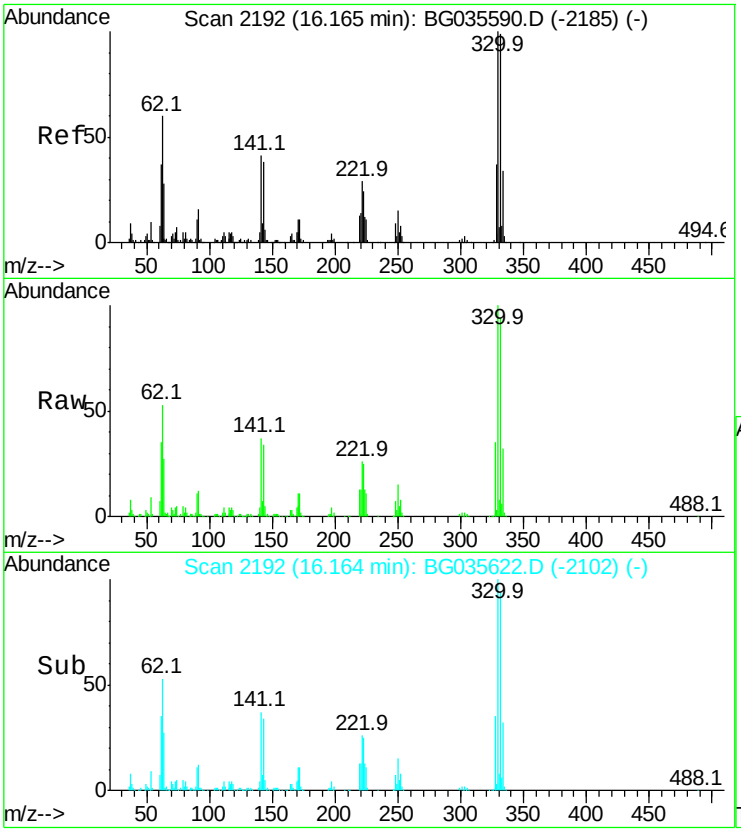


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG035622.D
Acq: 13 Jul 2018 9:30

Tgt Ion:164 Resp: 113674

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	45.5	35.4	53.0



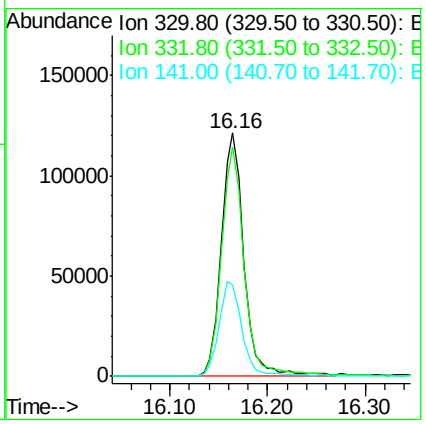


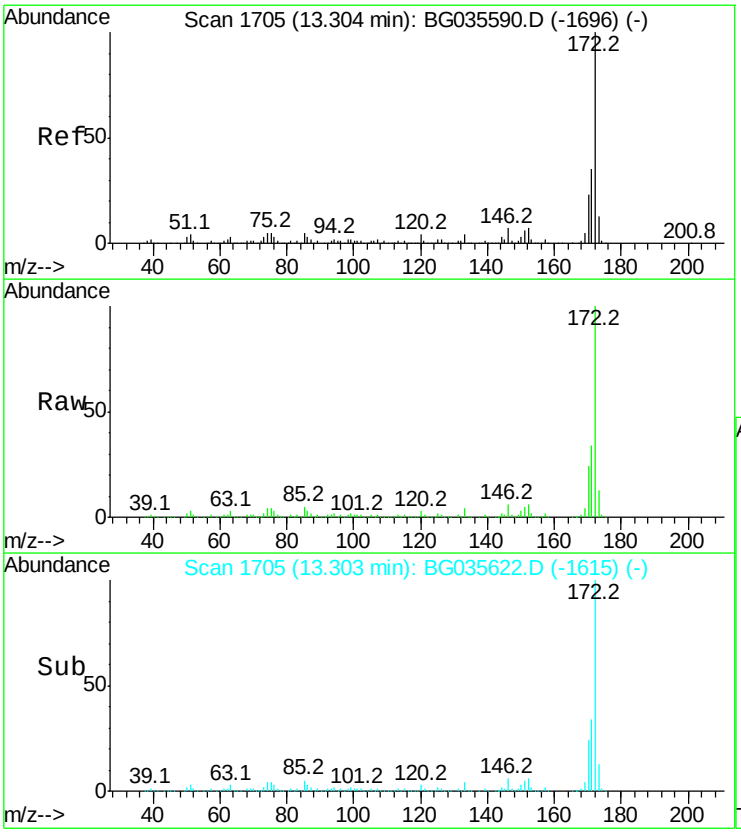
#41
2,4,6-Tribromophenol
Concen: 129.883 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG035622.D
Acq: 13 Jul 2018 9:30

Instrument :
BNA_G
ClientSampleId :
PB111025BL

Tgt Ion:330 Resp: 194604

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	40.4	25.2	37.8#

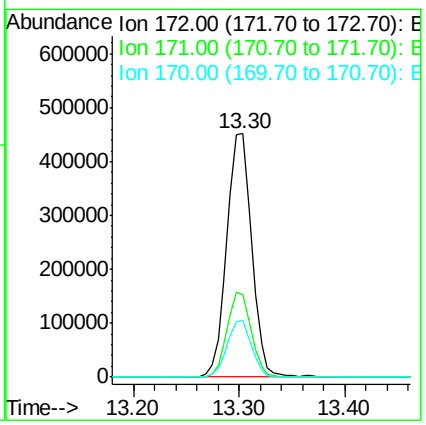


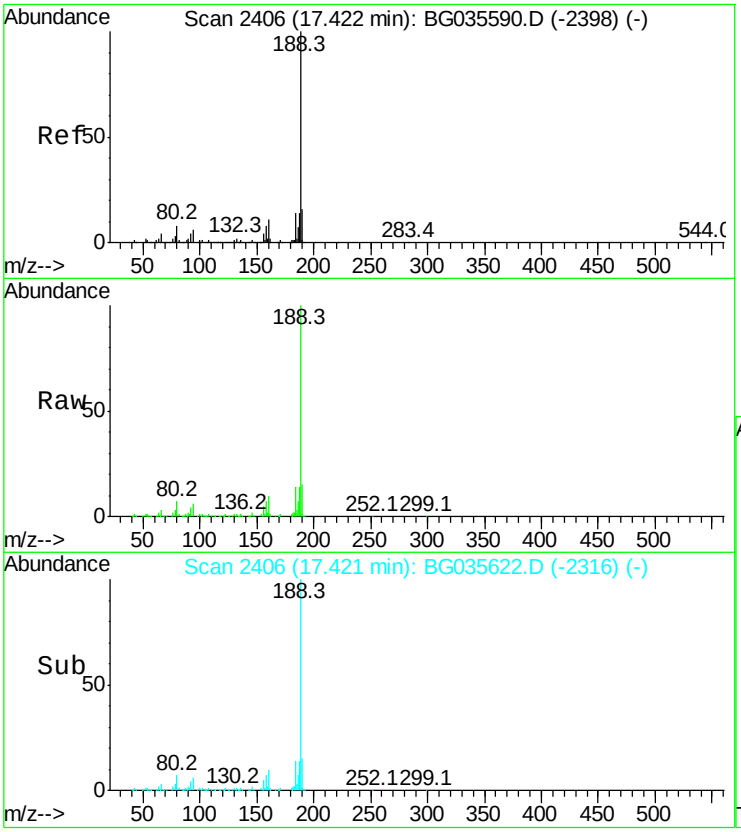


#44
2-Fluorobiphenyl
Concen: 86.524 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035622.D
Acq: 13 Jul 2018 9:30

Tgt Ion:172 Resp: 734138

Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	23.5	19.5	29.3



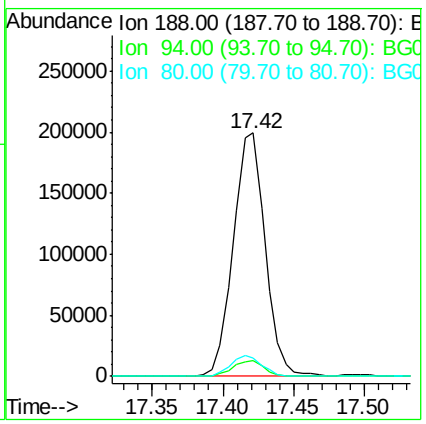


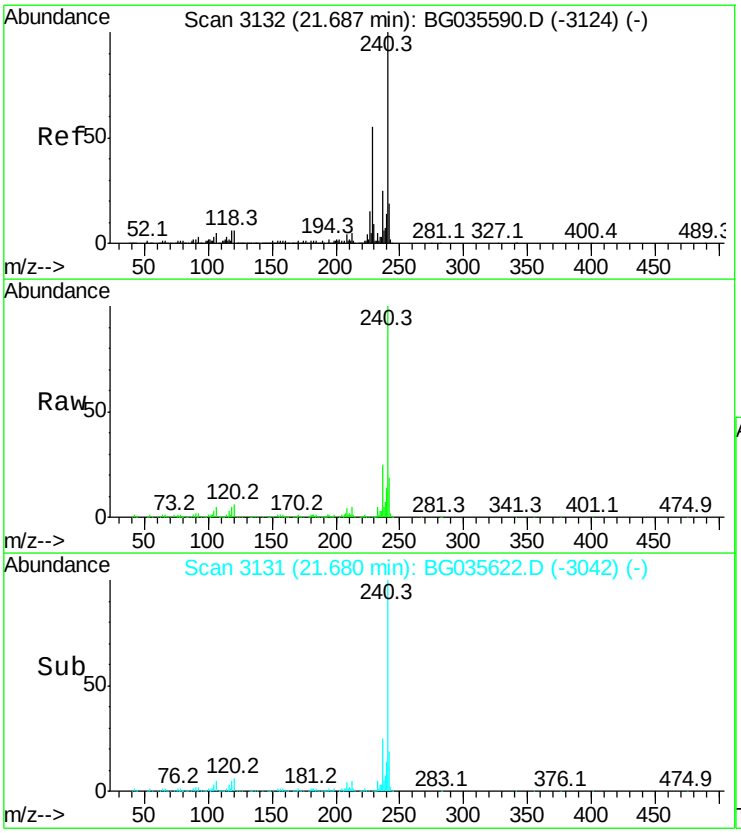
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG035622.D
Acq: 13 Jul 2018 9:30

Instrument :
BNA_G
ClientSampleId :
PB111025BL

Tgt Ion:188 Resp: 313793

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.3	7.7	11.5#

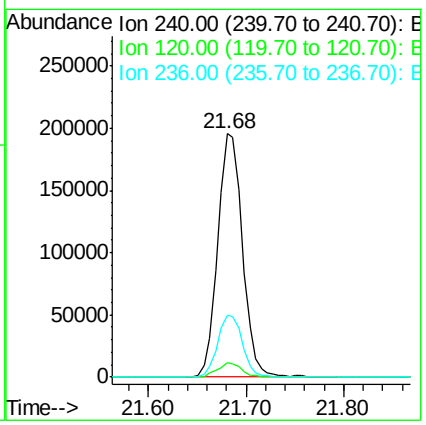


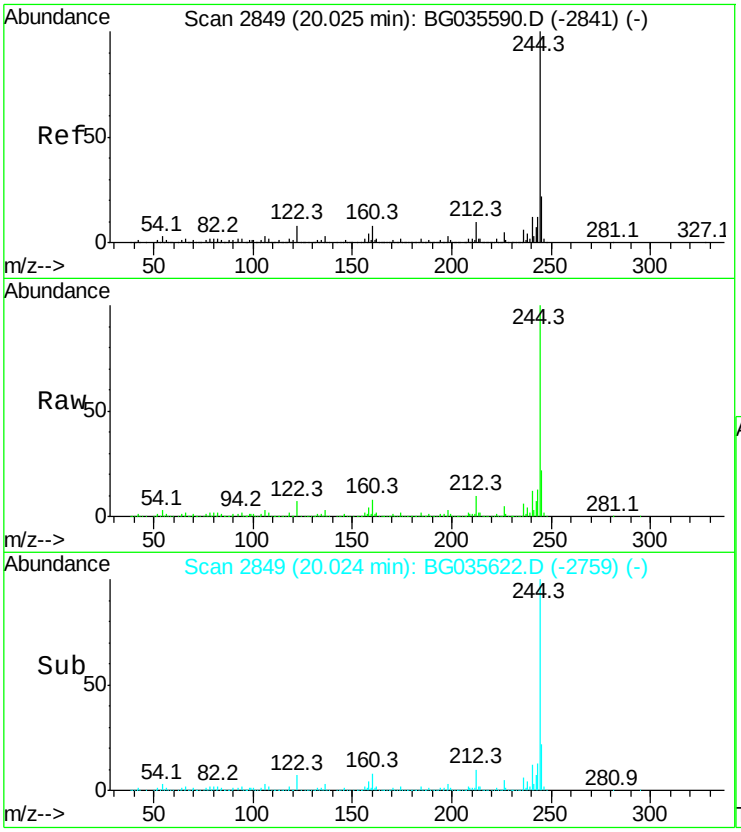


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035622.D
Acq: 13 Jul 2018 9:30

Tgt Ion:240 Resp: 343132

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	25.3	20.9	31.3



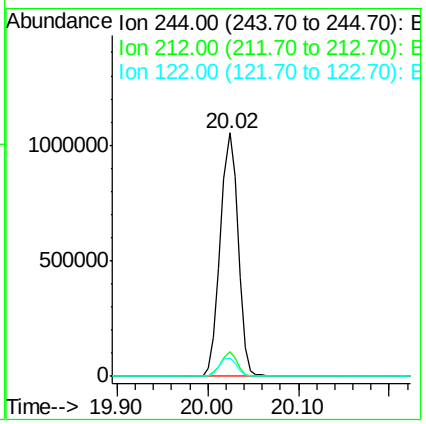


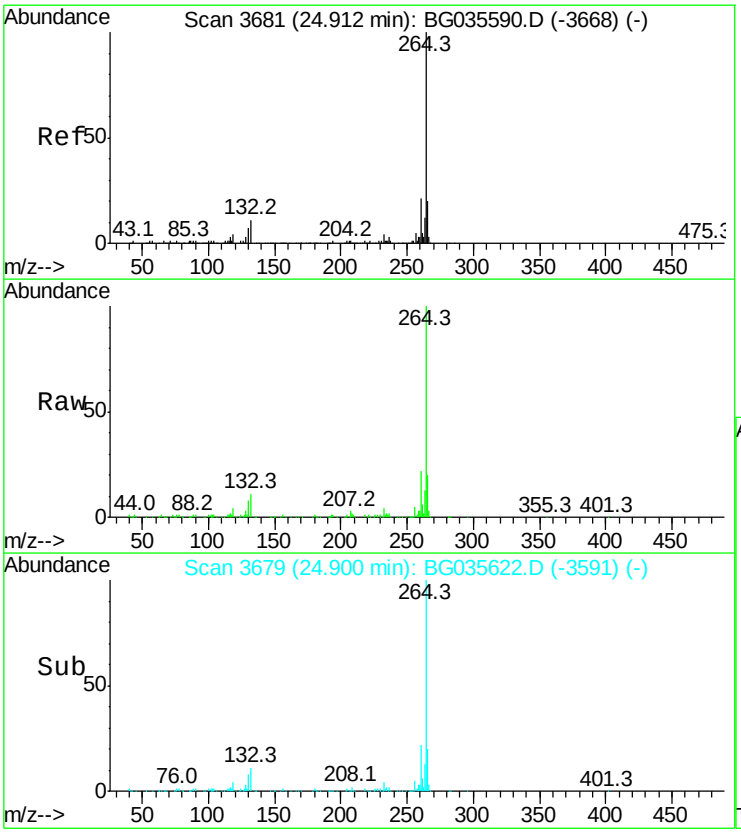
#78
Terphenyl-d14
Concen: 91.894 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG035622.D
Acq: 13 Jul 2018 9:30

Instrument :
BNA_G
ClientSampleId :
PB111025BL

Tgt Ion:244 Resp: 1430471

Ion	Ratio	Lower	Upper
244	100		
212	9.9	5.8	8.8#
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG035622.D
Acq: 13 Jul 2018 9:30

Tgt Ion:264 Resp: 313952

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.3	17.7	26.5