Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033703.D
Acq On : 10 Apr 2018 6:25
Operator : SJ/JU
Sample : J2157-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-040618-C

Quant Time: Apr 10 08:33:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38651	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	155850	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	106104	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	273922	20.00	ng	0.00
75) Chrysene-d12	22.55	240	285195	20.00	ng	-0.01
86) Perylene-d12	26.31	264	298657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	331423	160.79	ng	0.00
7) Phenol-d6	7.97	99	420861	118.83	ng	0.00
23) Nitrobenzene-d5	10.06	82	359463	105.97	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	229283	144.48	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	783735	106.63	ng	0.00
78) Terphenyl-d14	20.73	244	1457720	109.31	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.79	128	17367	2.150	ng	# 89

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

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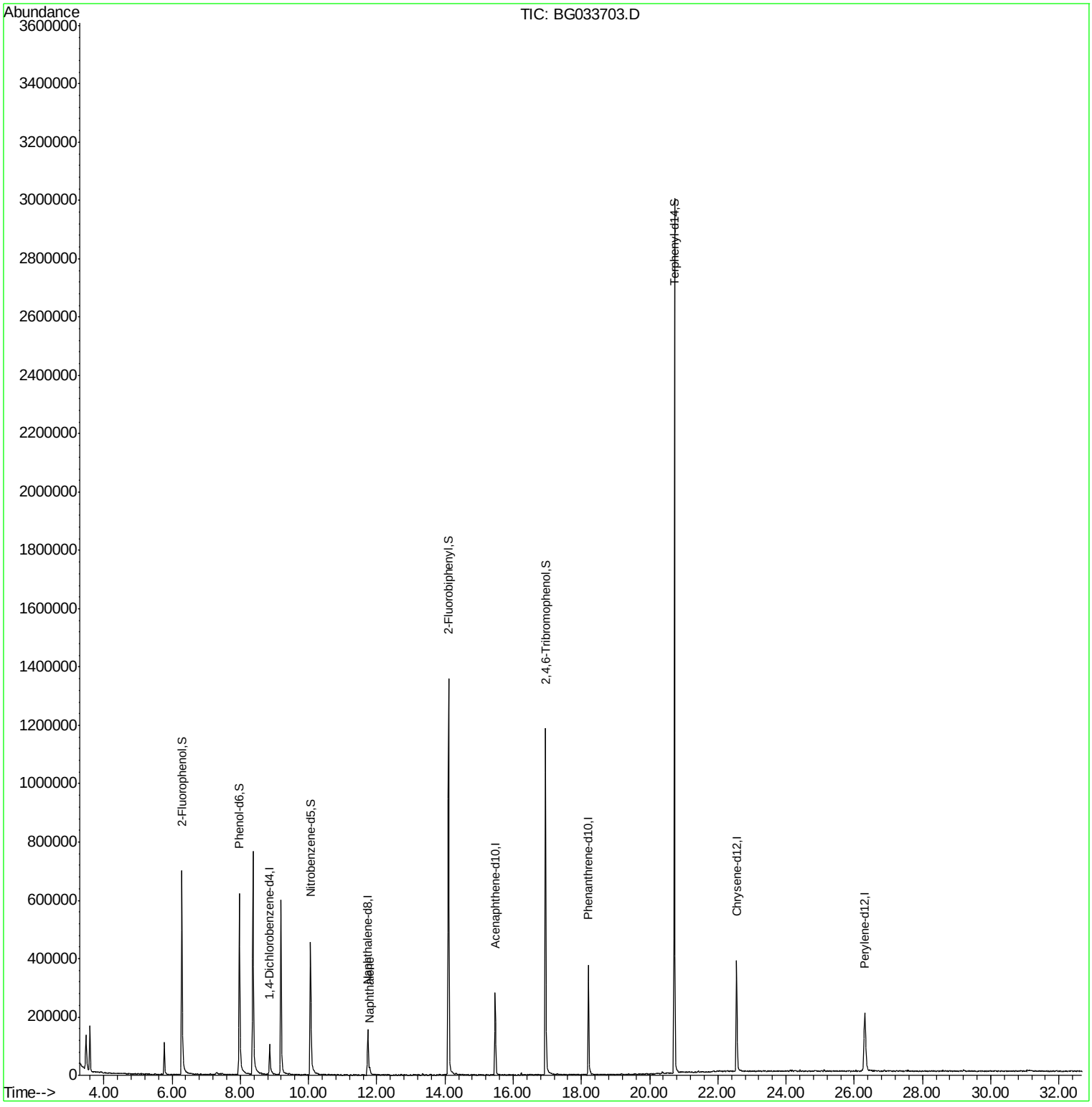
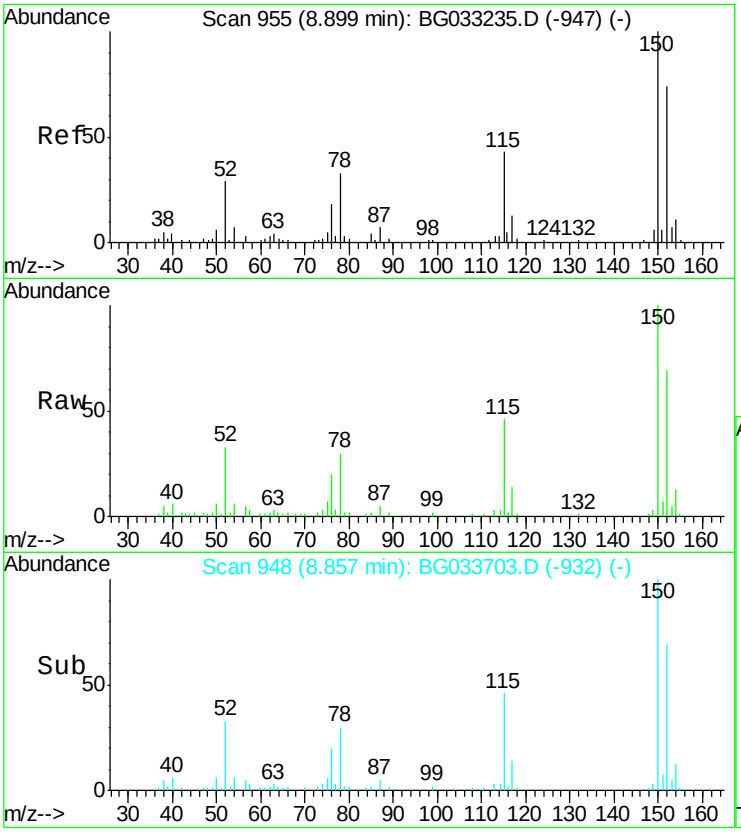


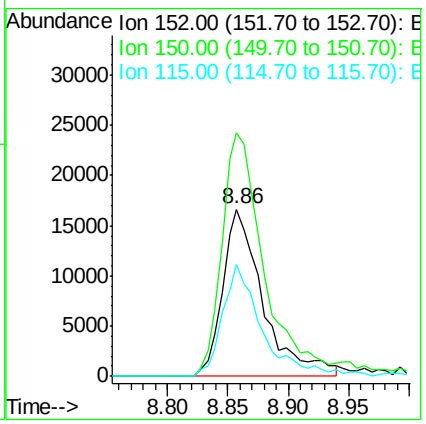


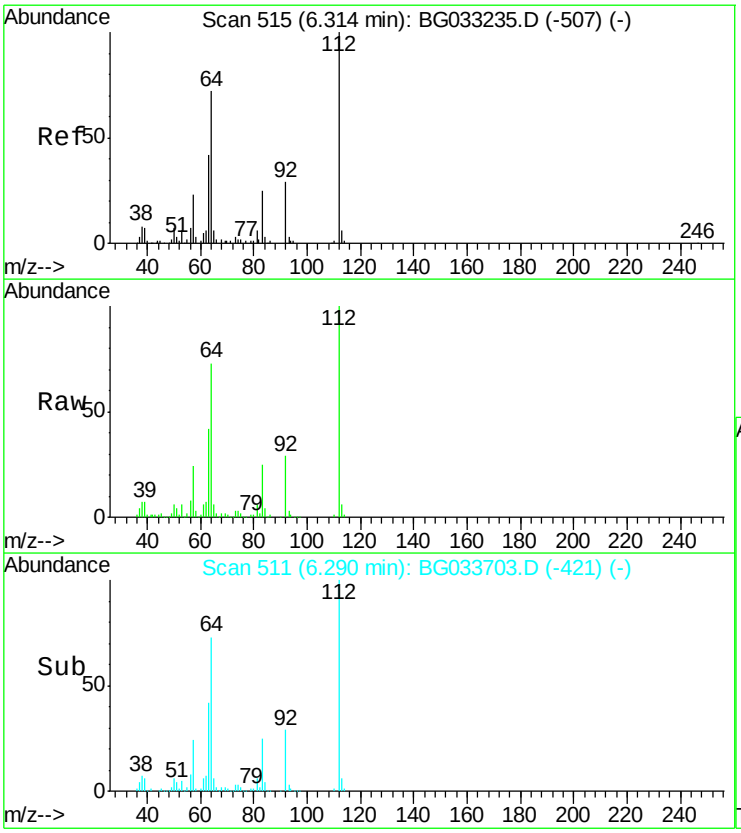
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Instrument :
BNA_G
ClientSampleId :
CL-01-040618-C

Tgt Ion:152 Resp: 38651

Ion	Ratio	Lower	Upper
152	100		
150	145.8	126.6	189.8
115	67.0	53.0	79.4

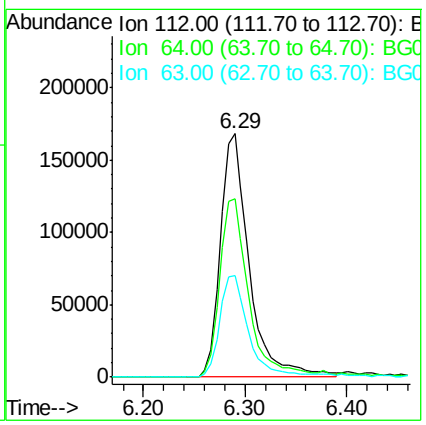


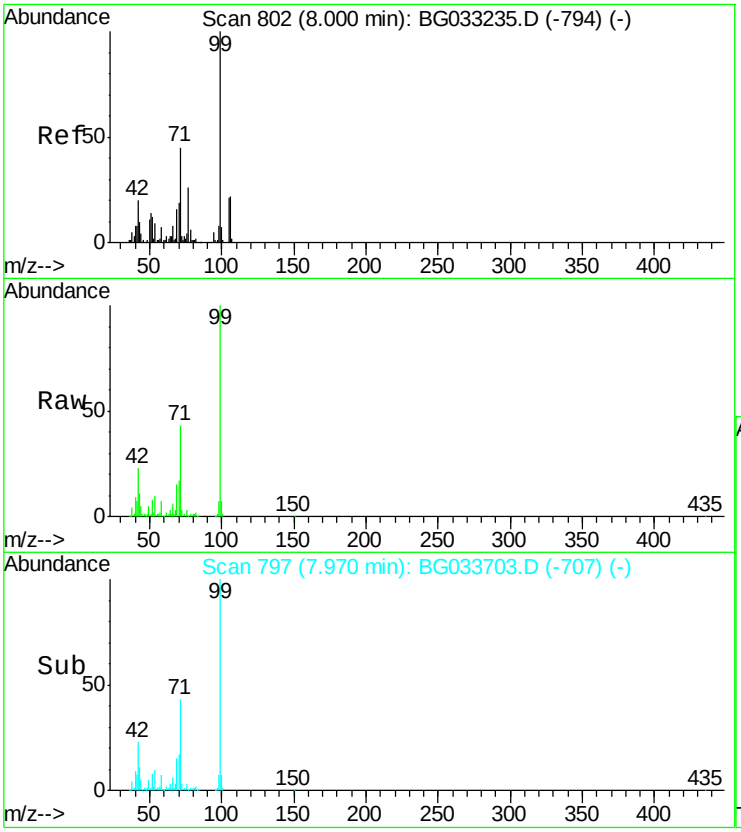


#5
2-Fluorophenol
Concen: 160.787 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Tgt Ion:112 Resp: 331423

Ion	Ratio	Lower	Upper
112	100		
64	73.3	56.3	84.5
63	41.7	30.1	45.1



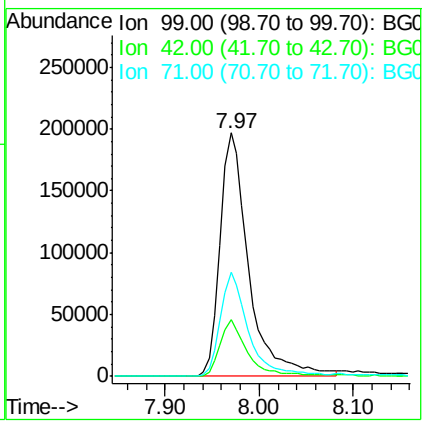


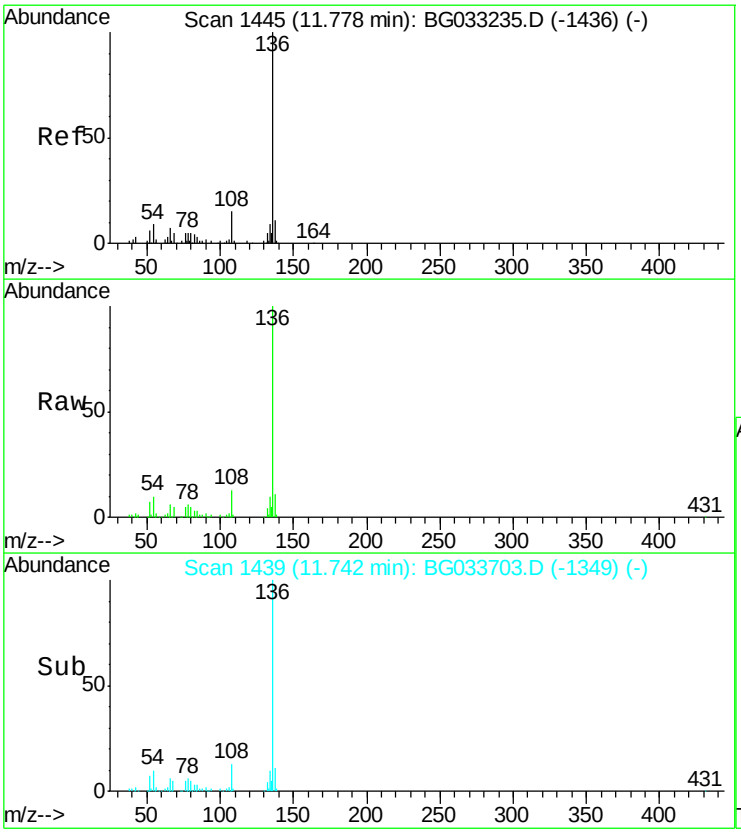
#7
Phenol-d6
Concen: 118.832 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Instrument :
BNA_G
ClientSampleId :
CL-01-040618-C

Tgt Ion: 99 Resp: 420861

Ion	Ratio	Lower	Upper
99	100		
42	23.3	14.1	21.1#
71	42.5	26.1	39.1#

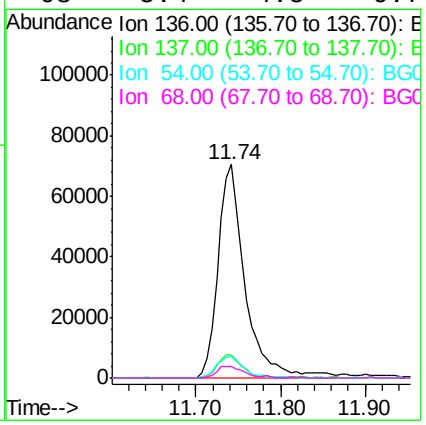


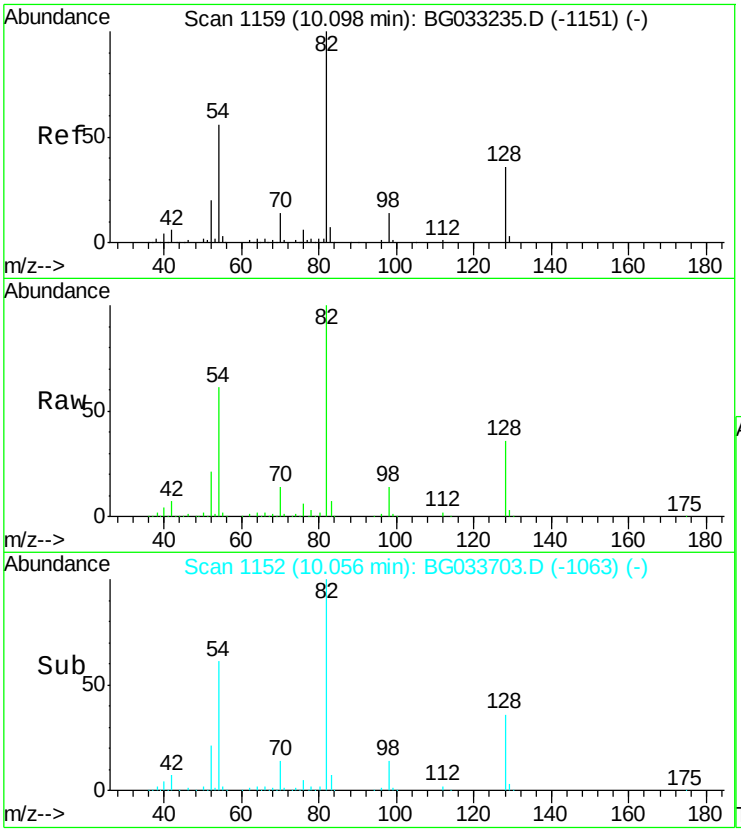


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Tgt Ion:136 Resp: 155850

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.3	10.3	15.5#
68	5.4	4.5	6.7



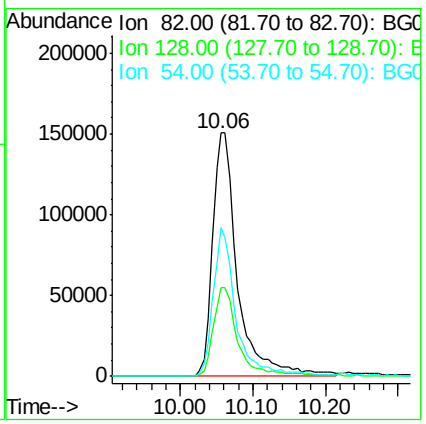


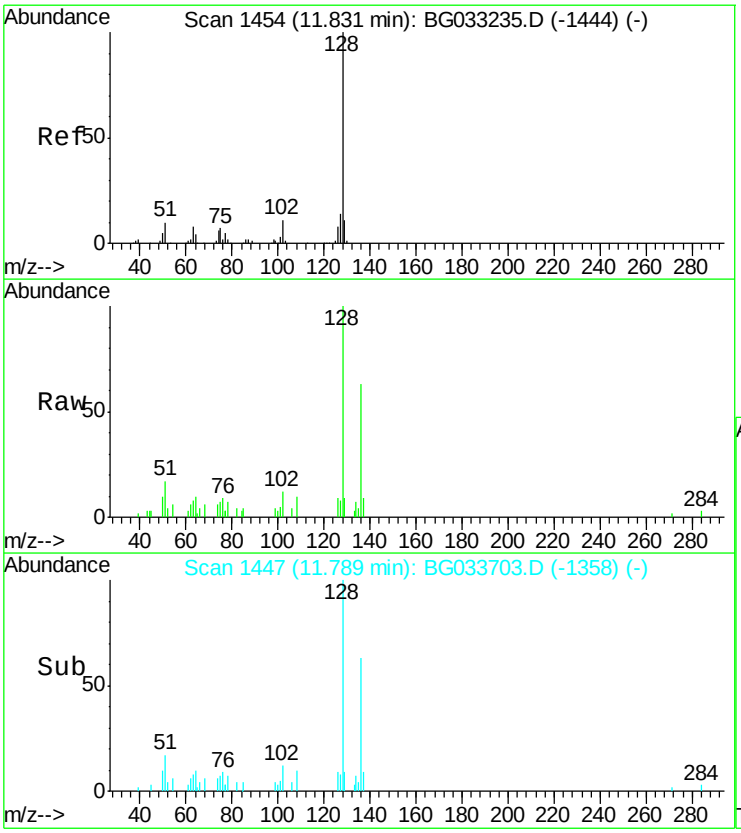
#23
Nitrobenzene-d5
Concen: 105.969 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Instrument :
BNA_G
ClientSampleId :
CL-01-040618-C

Tgt Ion: 82 Resp: 359463

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.7	44.5
54	61.1	43.1	64.7

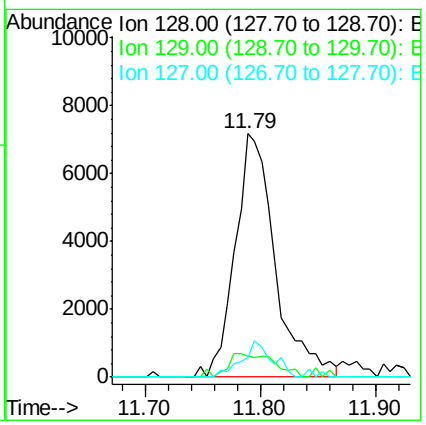


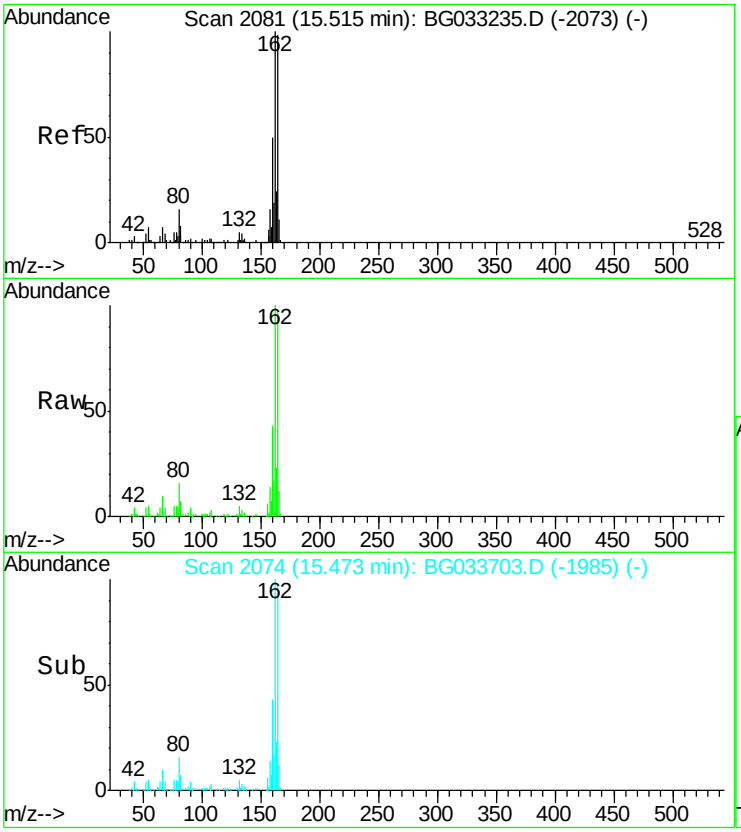


#31
Naphthalene
Concen: 2.150 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Tgt Ion:128 Resp: 17367

Ion	Ratio	Lower	Upper
128	100		
129	8.8	8.6	12.8
127	8.2	11.6	17.4#



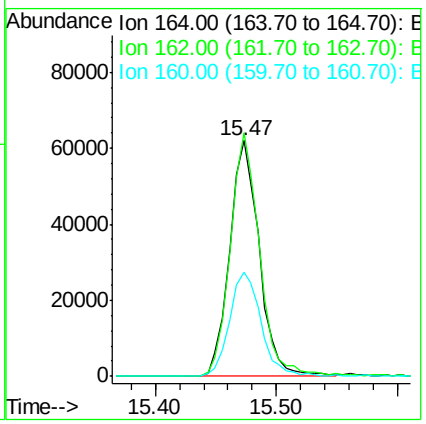


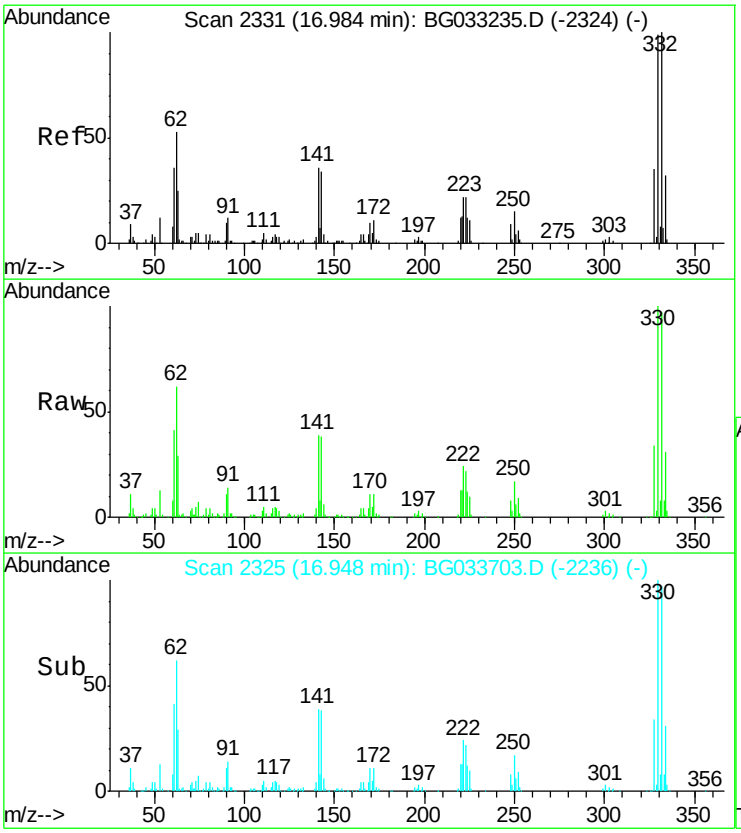
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Instrument :
BNA_G
ClientSampleId :
CL-01-040618-C

Tgt Ion:164 Resp: 106104

Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	44.3	35.4	53.0

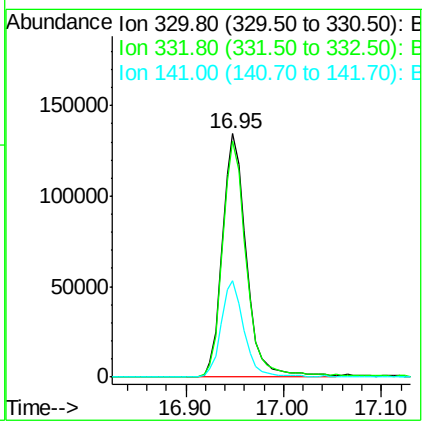


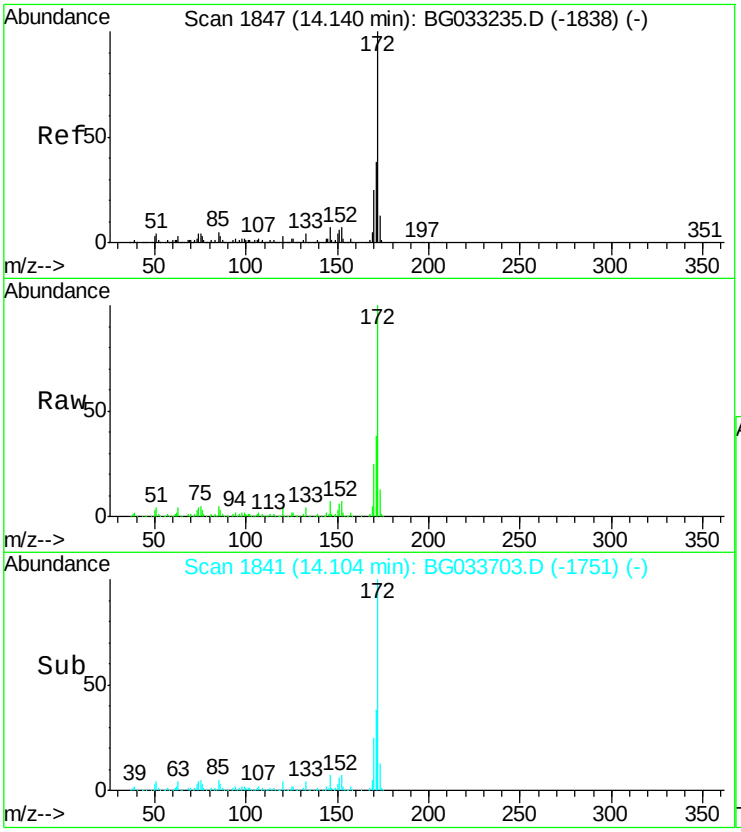


#41
2,4,6-Tribromophenol
Concen: 144.484 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Tgt Ion:330 Resp: 229283

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	38.0	25.2	37.8#



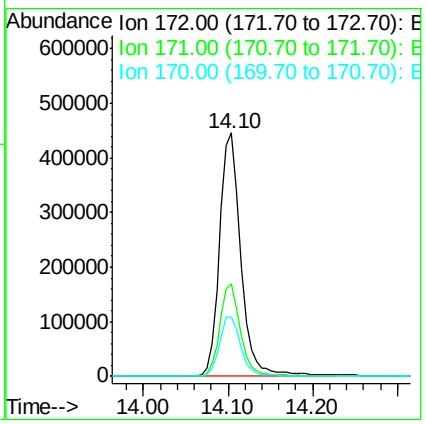


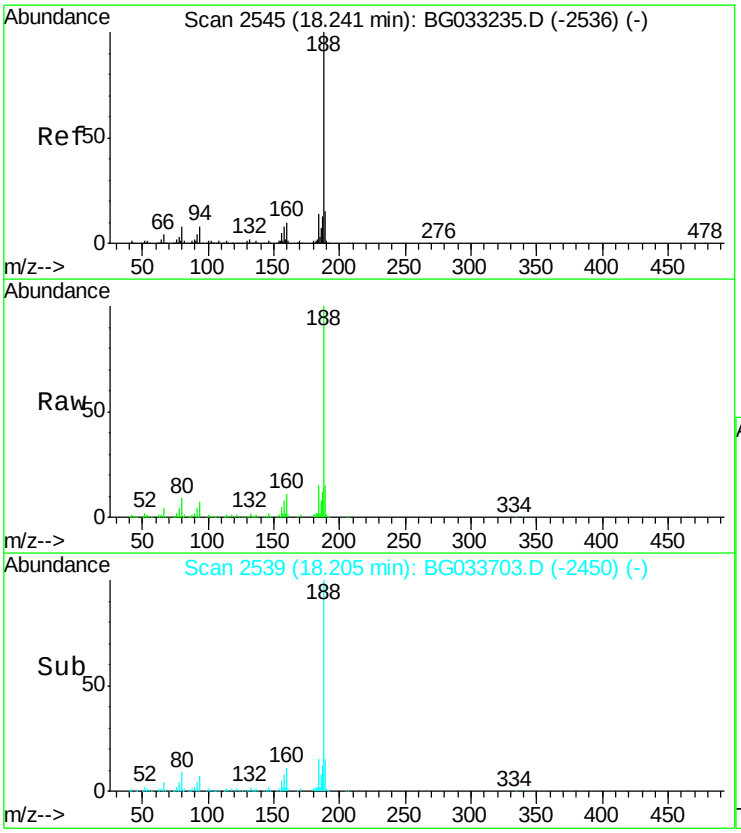
#44
2-Fluorobiphenyl
Concen: 106.634 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Instrument :
BNA_G
ClientSampleId :
CL-01-040618-C

Tgt Ion:172 Resp: 783735

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.6	19.5	29.3

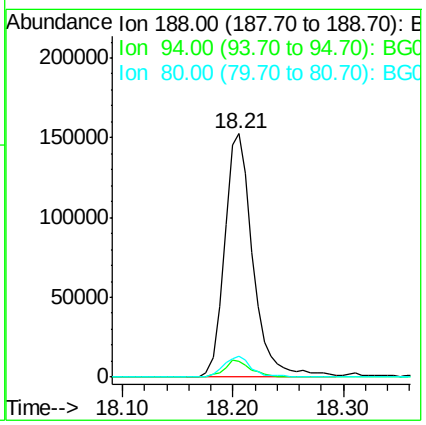


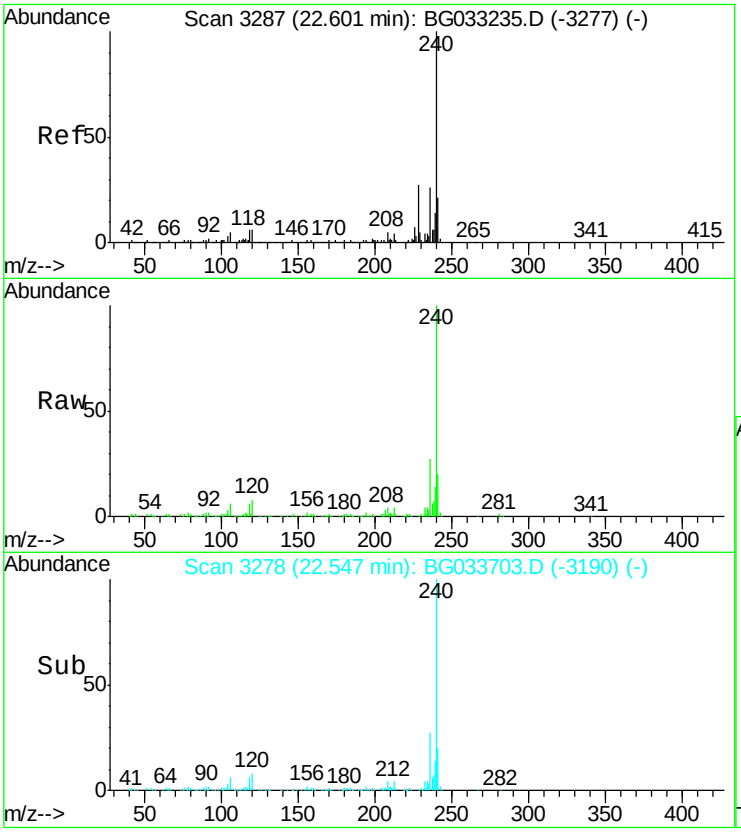


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Tgt Ion:188 Resp: 273922

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	8.6	7.7	11.5



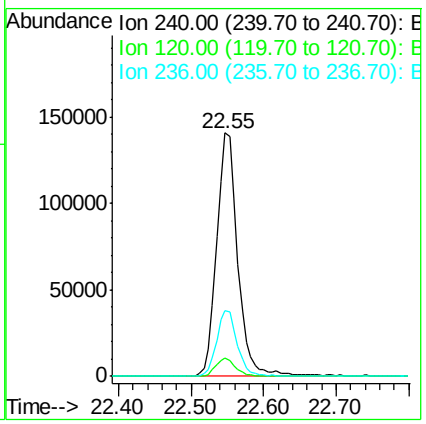


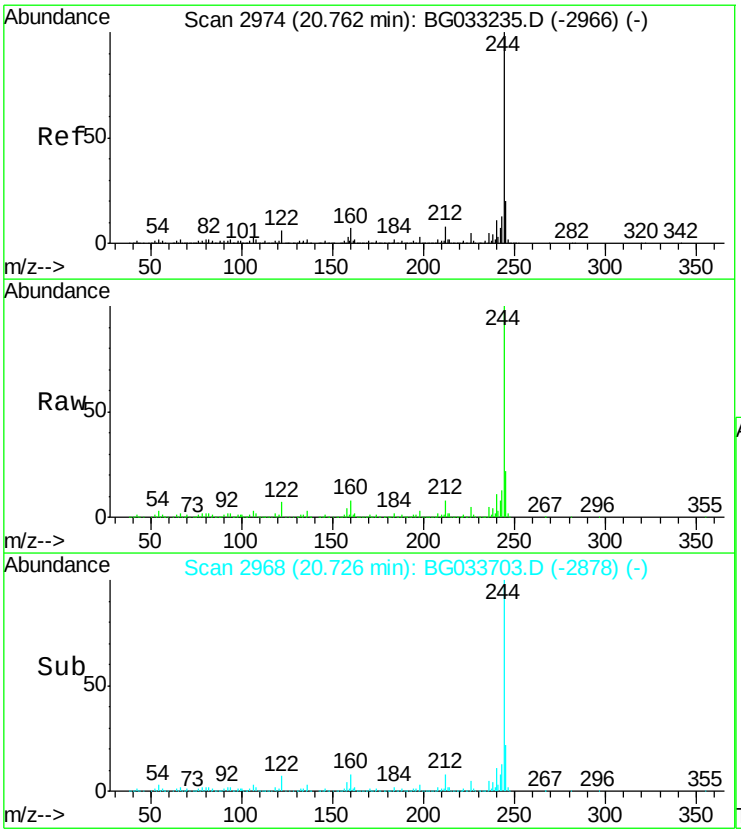
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Instrument :
BNA_G
ClientSampleId :
CL-01-040618-C

Tgt Ion:240 Resp: 285195

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.8	10.2
236	26.8	20.9	31.3

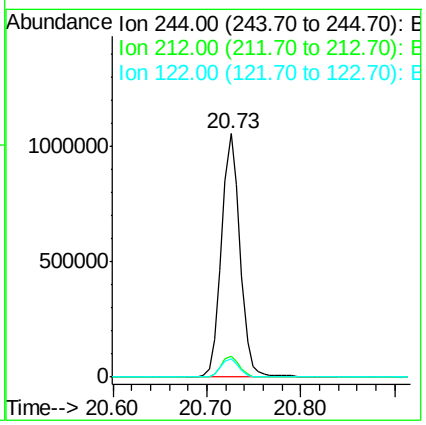


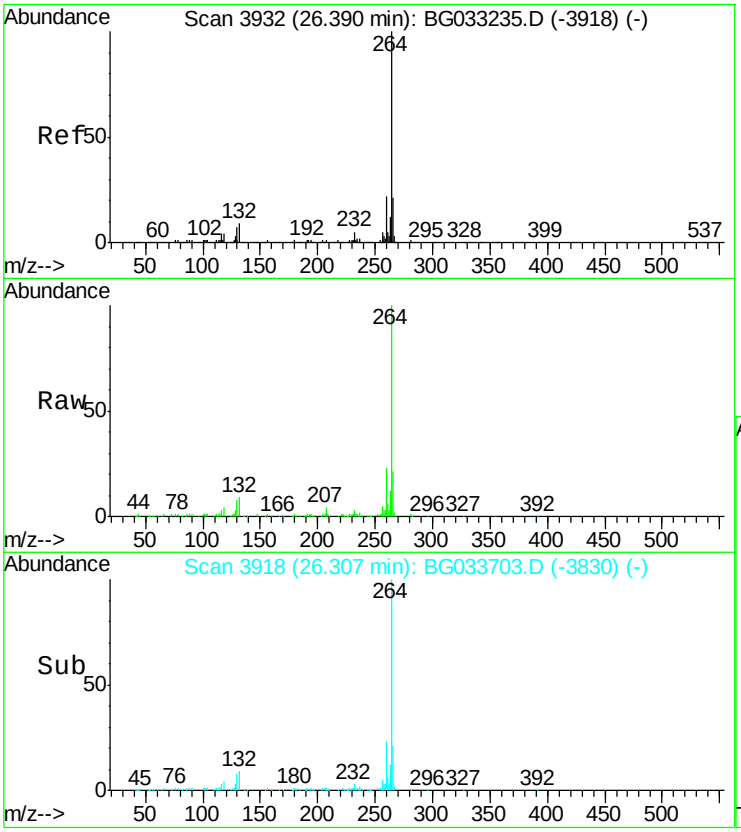


#78
Terphenyl-d14
Concen: 109.311 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.00 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Tgt Ion:244 Resp: 1457720

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Instrument :
BNA_G
ClientSampleId :
CL-01-040618-C

Tgt Ion:264 Resp: 298657

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.2	17.7	26.5