Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031753.D
Acq On : 23 Dec 2017 17:41
Operator : SJ/JU
Sample : I7022-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 160

Quant Time: Dec 26 00:38:16 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	49647	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	201328	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	134114	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	333375	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	392119	20.00	ng	-0.02
86) Perylene-d12	26.33	264	420017	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	396952	145.63	ng	0.00
7) Phenol-d6	7.92	99	456796	129.08	ng	0.00
23) Nitrobenzene-d5	10.03	82	306610	115.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	328689	160.62	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	1101383	103.08	ng	-0.01
78) Terphenyl-d14	20.73	244	1937338	112.88	ng	-0.01
Target Compounds						Qvalue

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

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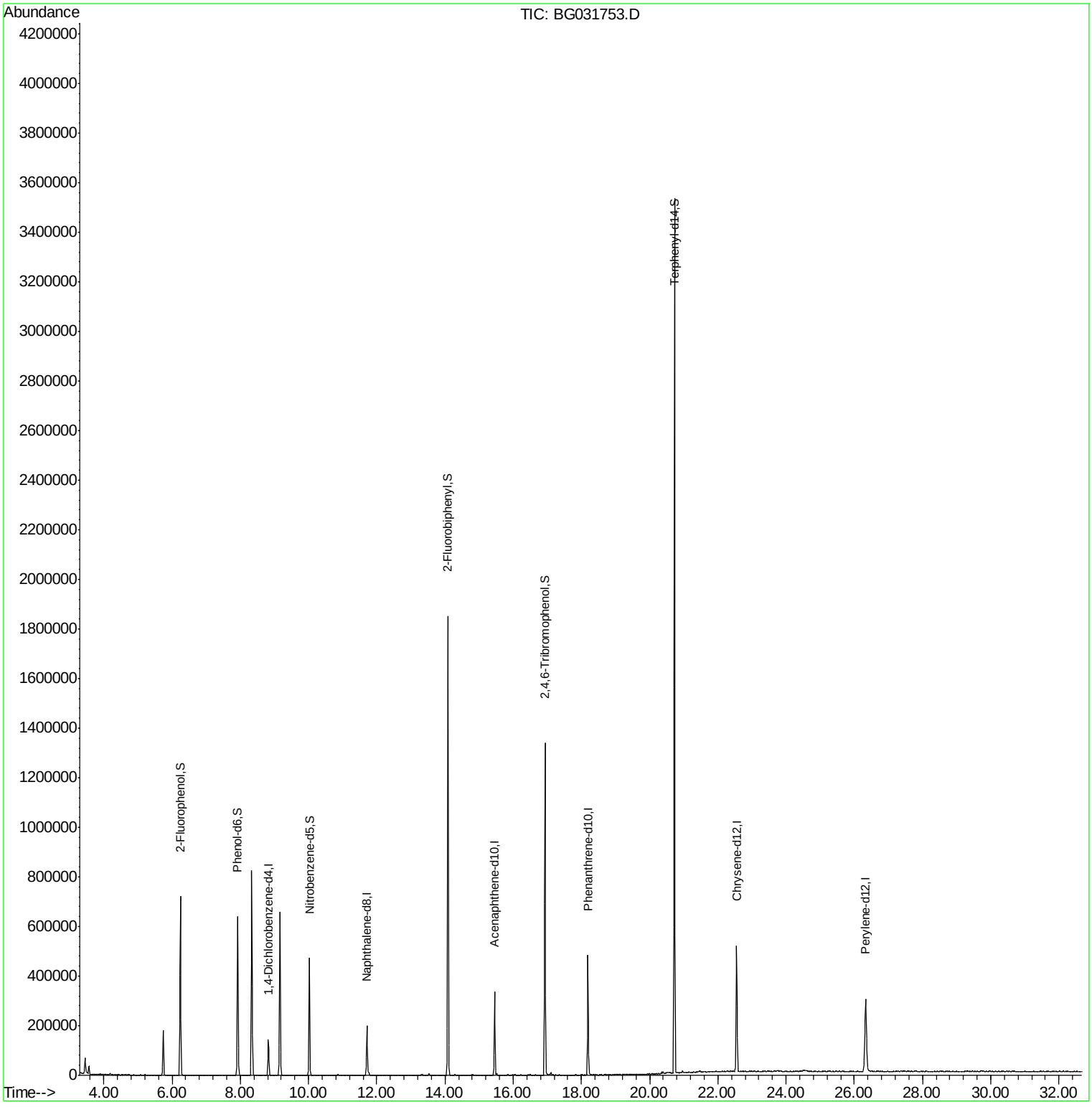
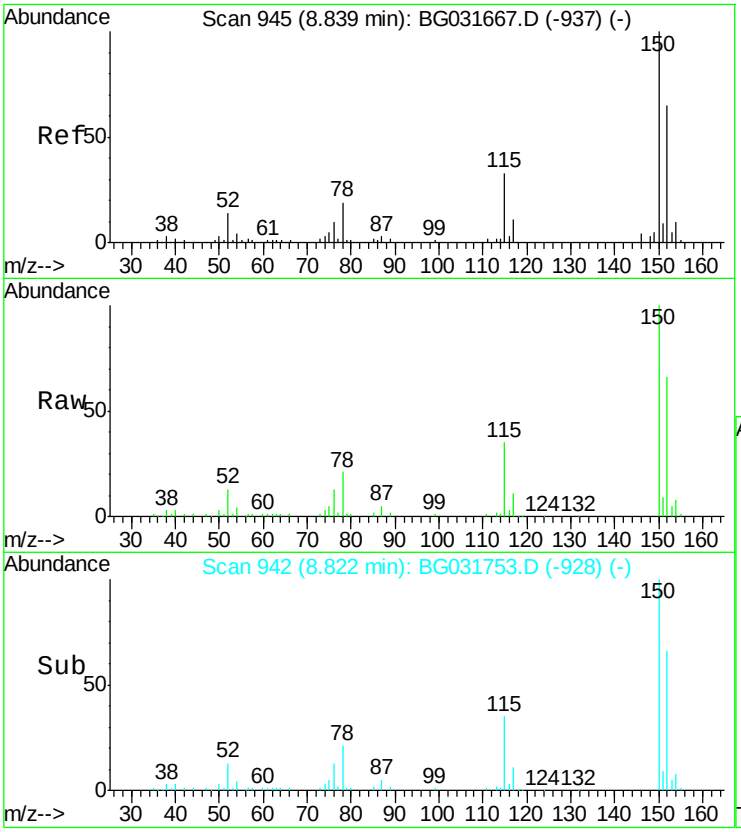


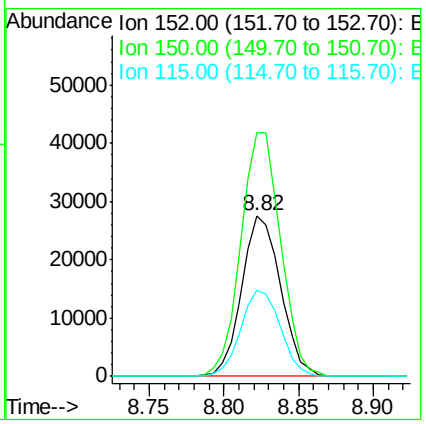


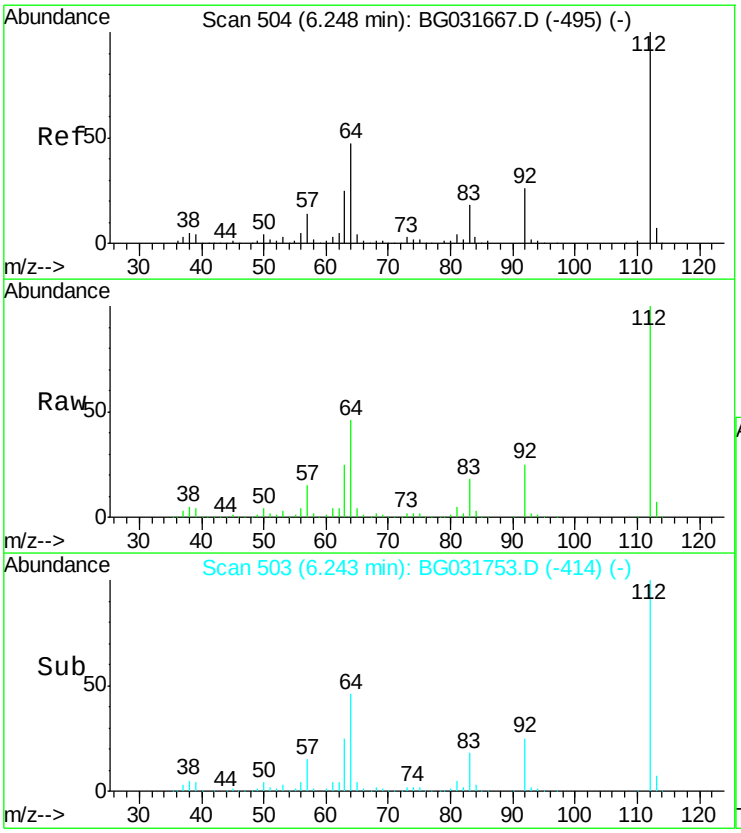
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031753.D
Acq: 23 Dec 2017 17:41

Instrument :
BNA_G
ClientSampleId :
160

Tgt Ion:152 Resp: 49647

Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.6	189.8
115	53.4	53.0	79.4

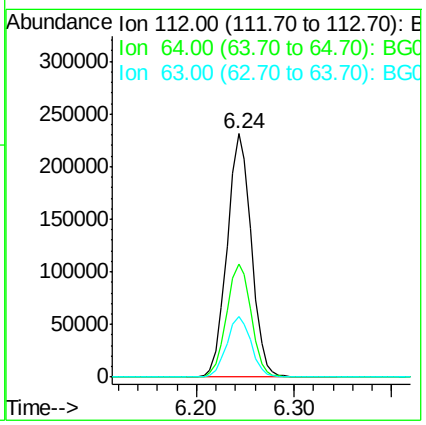


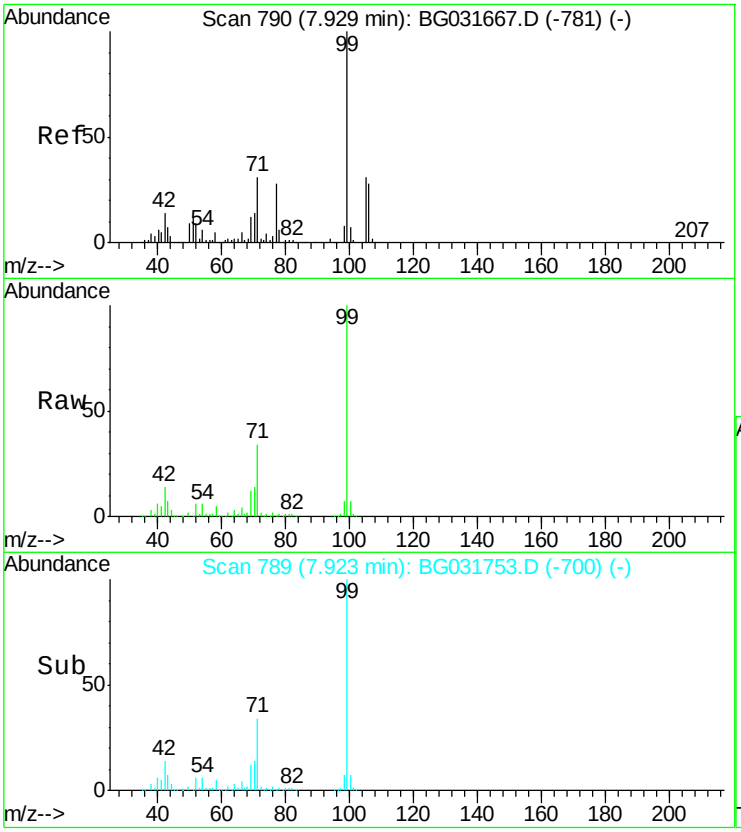


#5
2-Fluorophenol
Concen: 145.629 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031753.D
Acq: 23 Dec 2017 17:41

Tgt Ion:112 Resp: 396952

Ion	Ratio	Lower	Upper
112	100		
64	46.2	56.3	84.5#
63	25.1	30.1	45.1#



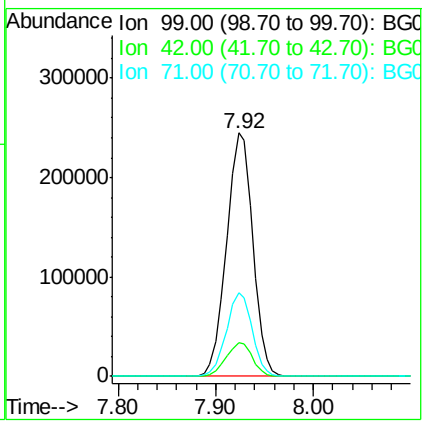


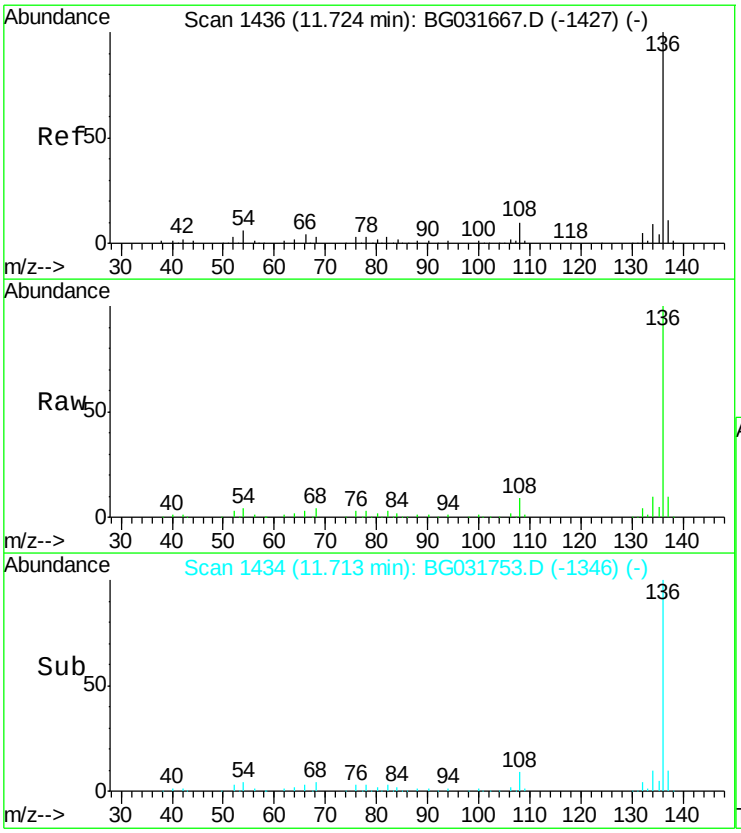
#7
Phenol-d6
Concen: 129.076 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG031753.D
Acq: 23 Dec 2017 17:41

Instrument :
BNA_G
ClientSampleId :
160

Tgt Ion: 99 Resp: 456796

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.1	21.1#
71	34.4	26.1	39.1

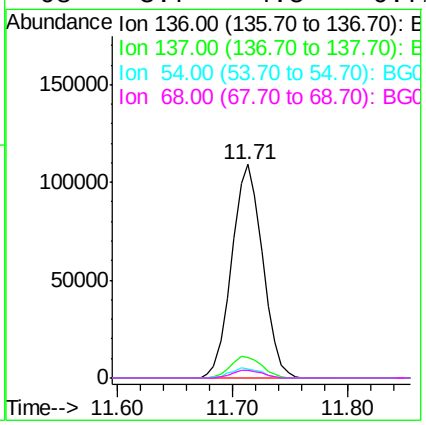


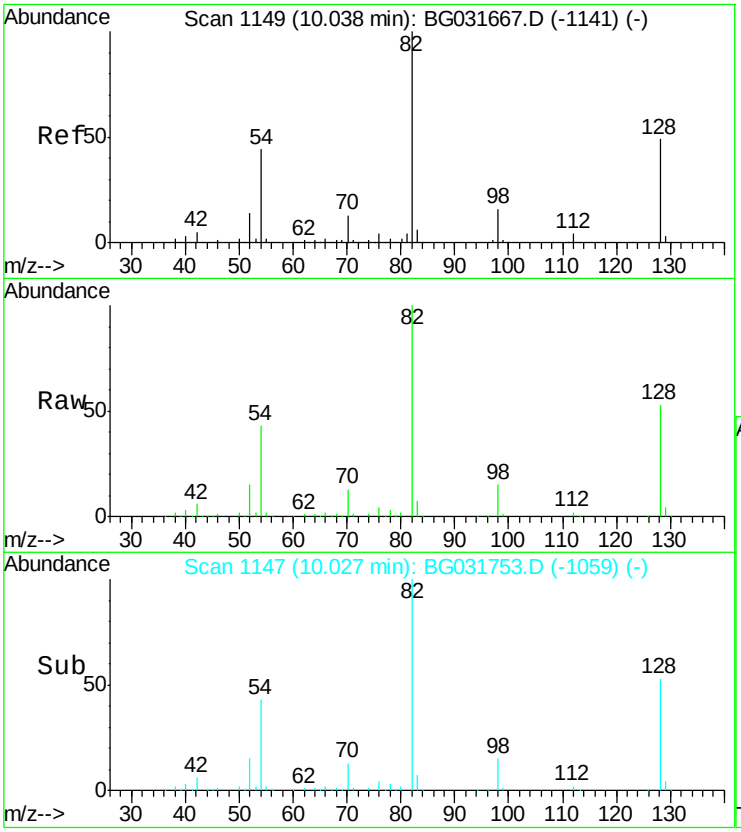


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031753.D
Acq: 23 Dec 2017 17:41

Tgt Ion:136 Resp: 201328

Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	4.4	10.3	15.5#
68	3.7	4.5	6.7#



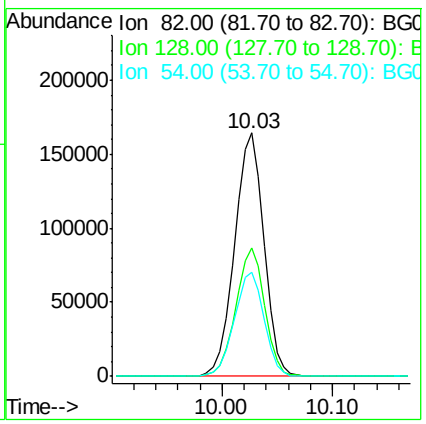


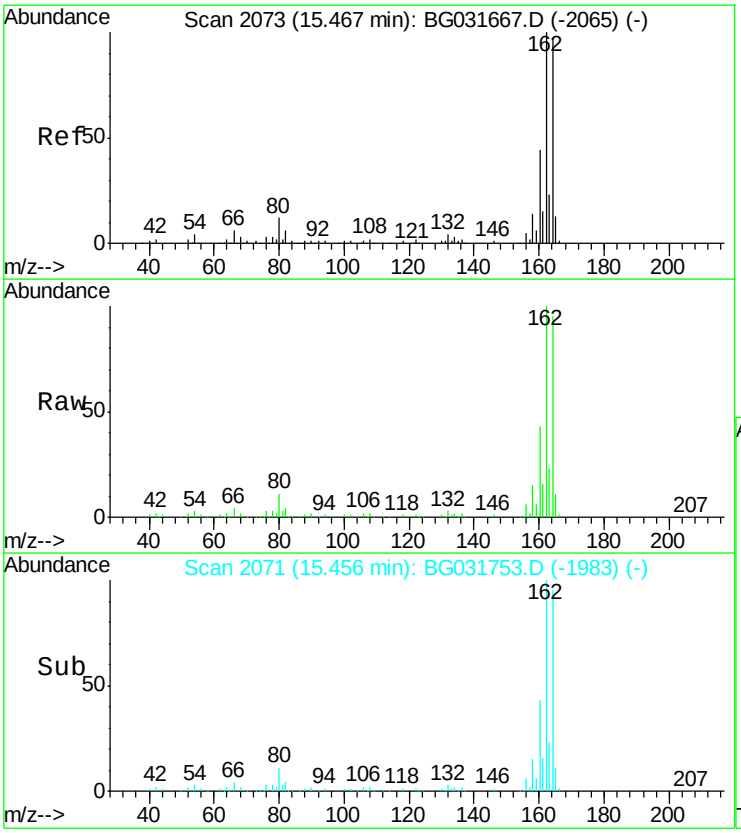
#23
Nitrobenzene-d5
Concen: 115.000 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031753.D
Acq: 23 Dec 2017 17:41

Instrument :
BNA_G
ClientSampleId :
160

Tgt Ion: 82 Resp: 306610

Ion	Ratio	Lower	Upper
82	100		
128	52.7	29.7	44.5#
54	42.8	43.1	64.7#

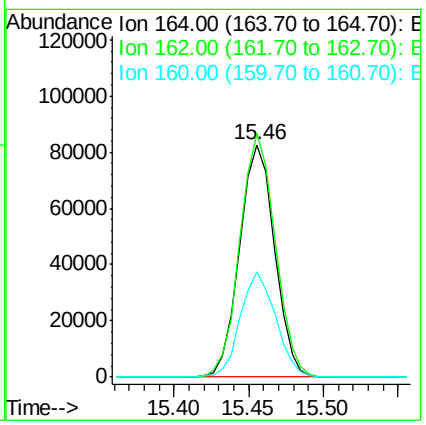


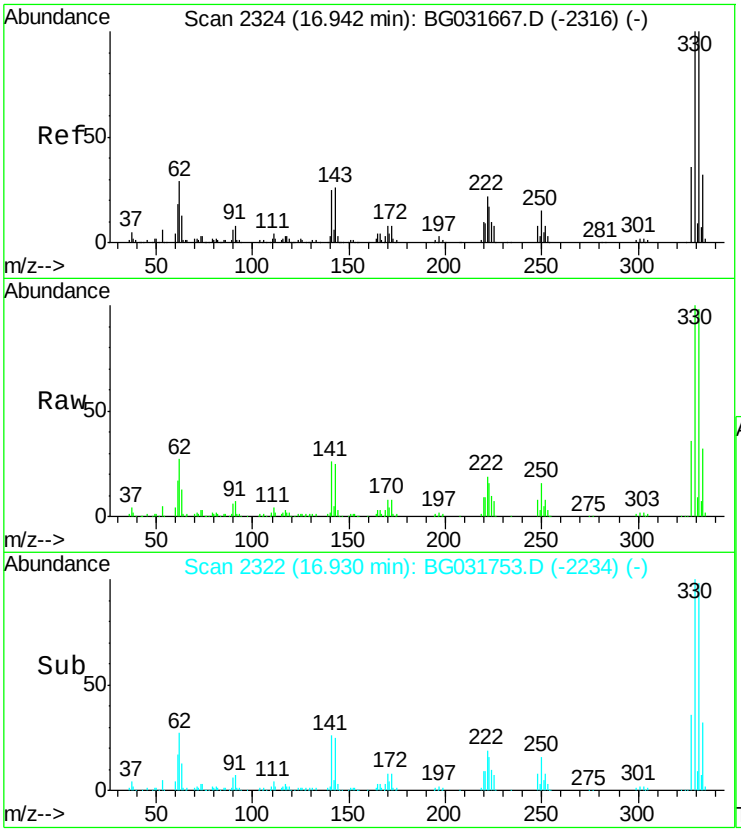


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031753.D
Acq: 23 Dec 2017 17:41

Tgt Ion:164 Resp: 134114

Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	45.2	35.4	53.0



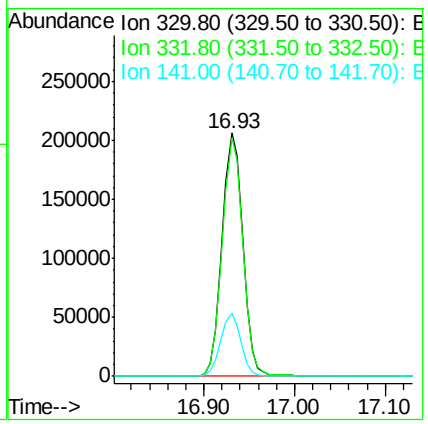


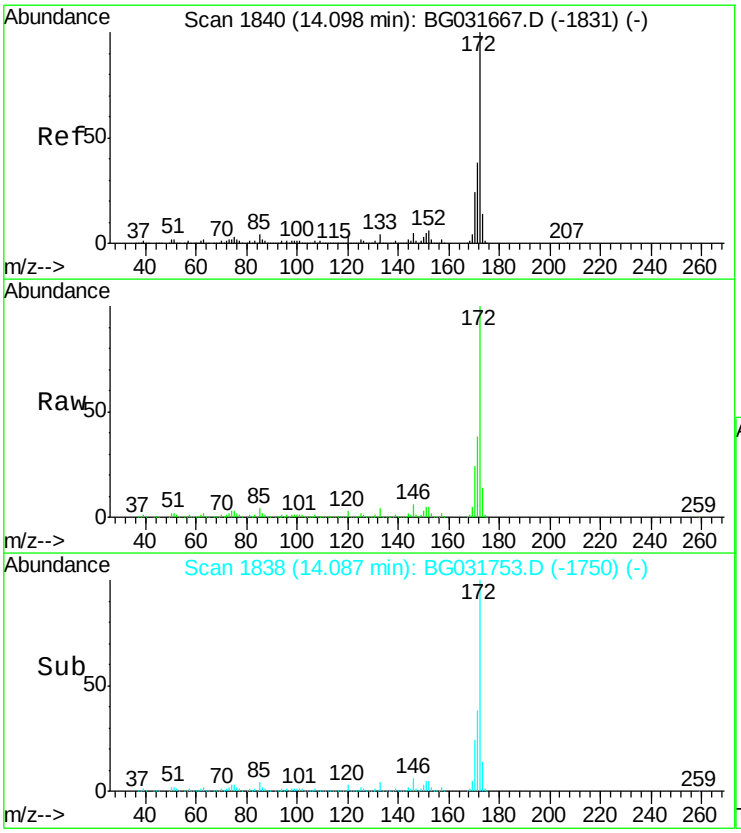
#41
2,4,6-Tribromophenol
Concen: 160.619 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031753.D
Acq: 23 Dec 2017 17:41

Instrument :
BNA_G
ClientSampleId :
160

Tgt Ion:330 Resp: 328689

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	25.0	25.2	37.8#

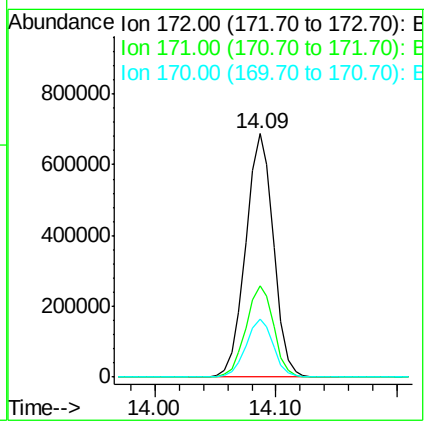


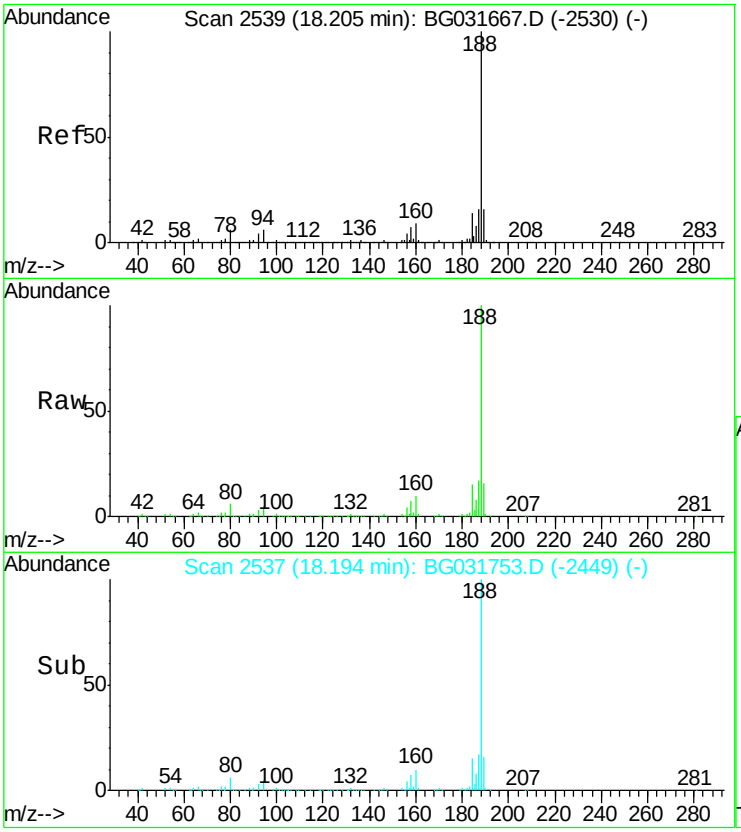


#44
2-Fluorobiphenyl
Concen: 103.075 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031753.D
Acq: 23 Dec 2017 17:41

Tgt Ion:172 Resp: 1101383

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.9	19.5	29.3



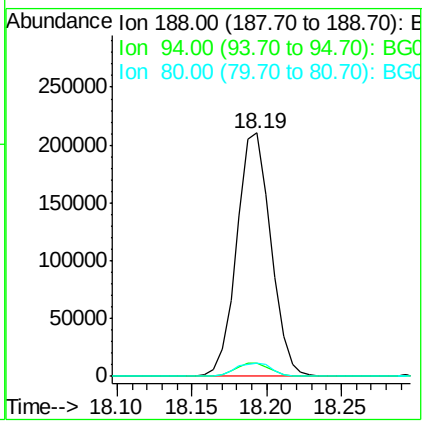


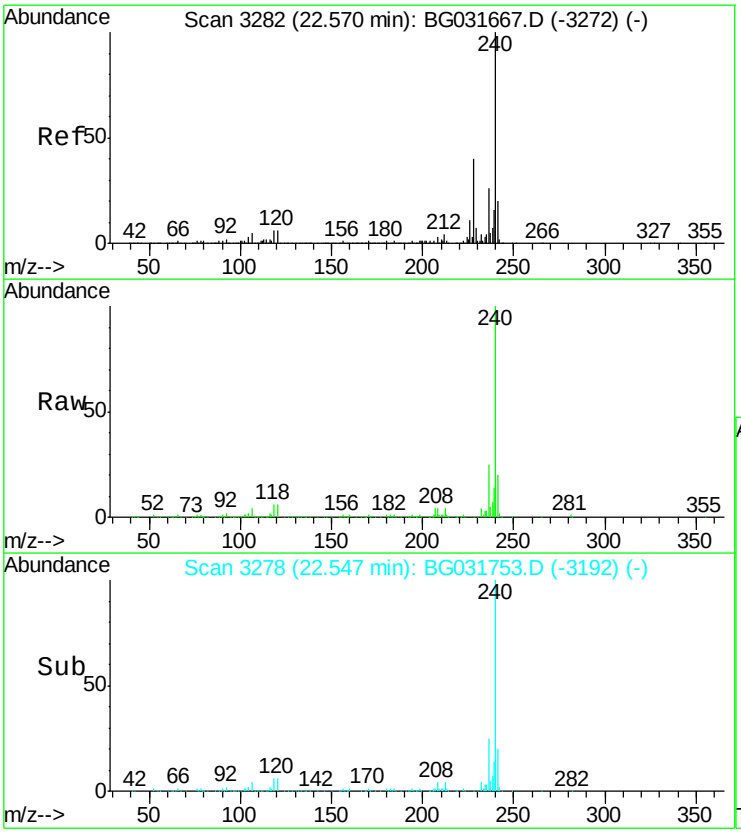
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031753.D
Acq: 23 Dec 2017 17:41

Instrument :
BNA_G
ClientSampleId :
160

Tgt Ion:188 Resp: 333375

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	5.6	7.7	11.5#

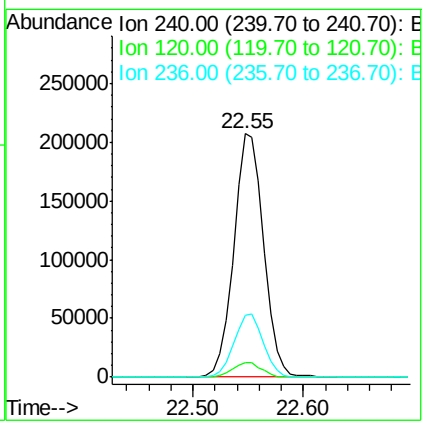


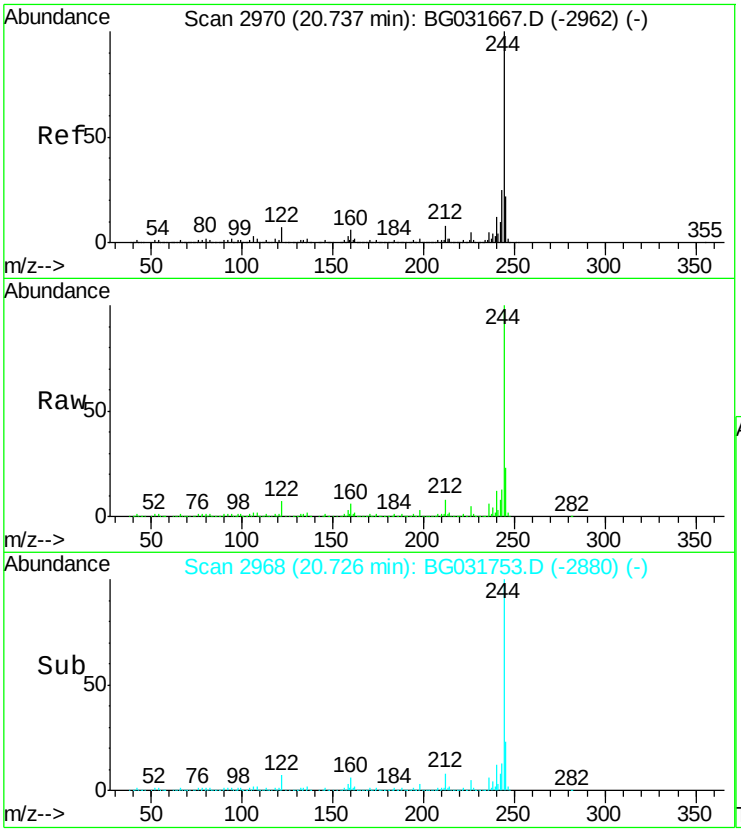


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031753.D
Acq: 23 Dec 2017 17:41

Tgt Ion:240 Resp: 392119

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.3	20.9	31.3



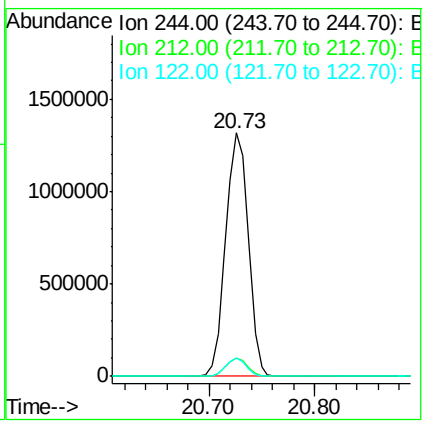


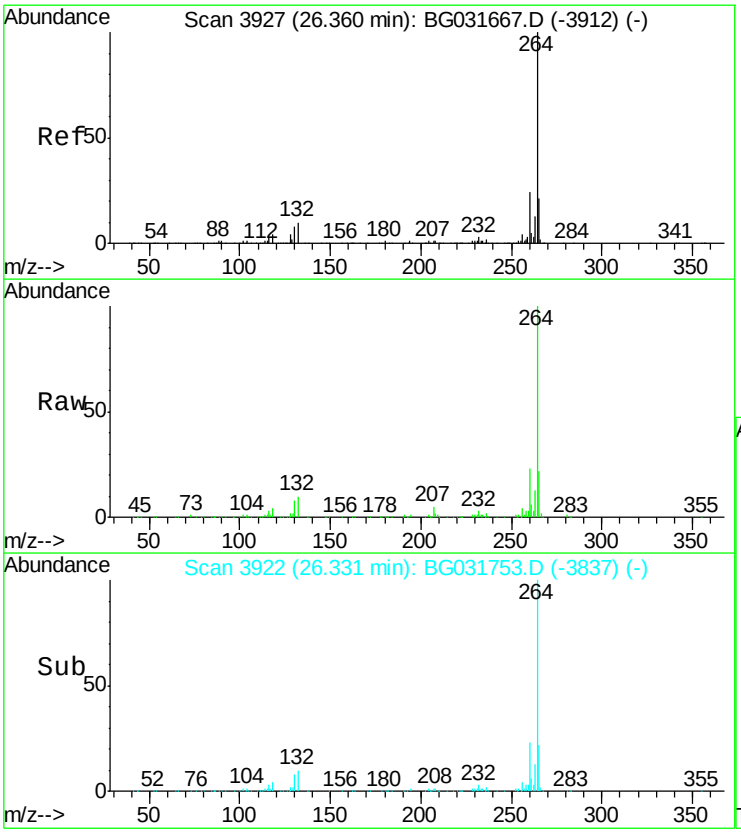
#78
Terphenyl-d14
Concen: 112.877 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031753.D
Acq: 23 Dec 2017 17:41

Instrument :
BNA_G
ClientSampleId :
160

Tgt Ion:244 Resp: 1937338

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.03 min
Lab File: BG031753.D
Acq: 23 Dec 2017 17:41

Tgt Ion:264 Resp: 420017

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.8	17.7	26.5