Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031736.D
Acq On : 23 Dec 2017 7:02
Operator : SJ/JU
Sample : PB105282TB
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105282TB

Quant Time: Dec 25 06:13:26 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	8.83	152	43879	20.00	ng	-0.01
21) Naphthalene-d8	11.71	136	174640	20.00	ng	-0.01
38) Acenaphthene-d10	15.45	164	119870	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	314125	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	375635	20.00	ng	-0.02
86) Perylene-d12	26.34	264	399798	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	306584	127.26	ng	0.00
7) Phenol-d6	7.92	99	379833	121.44	ng	0.00
23) Nitrobenzene-d5	10.02	82	198602	85.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	244669	133.77	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	763833	79.98	ng	-0.01
78) Terphenyl-d14	20.73	244	1412811	85.93	ng	-0.01
Target Compounds						Qvalue

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

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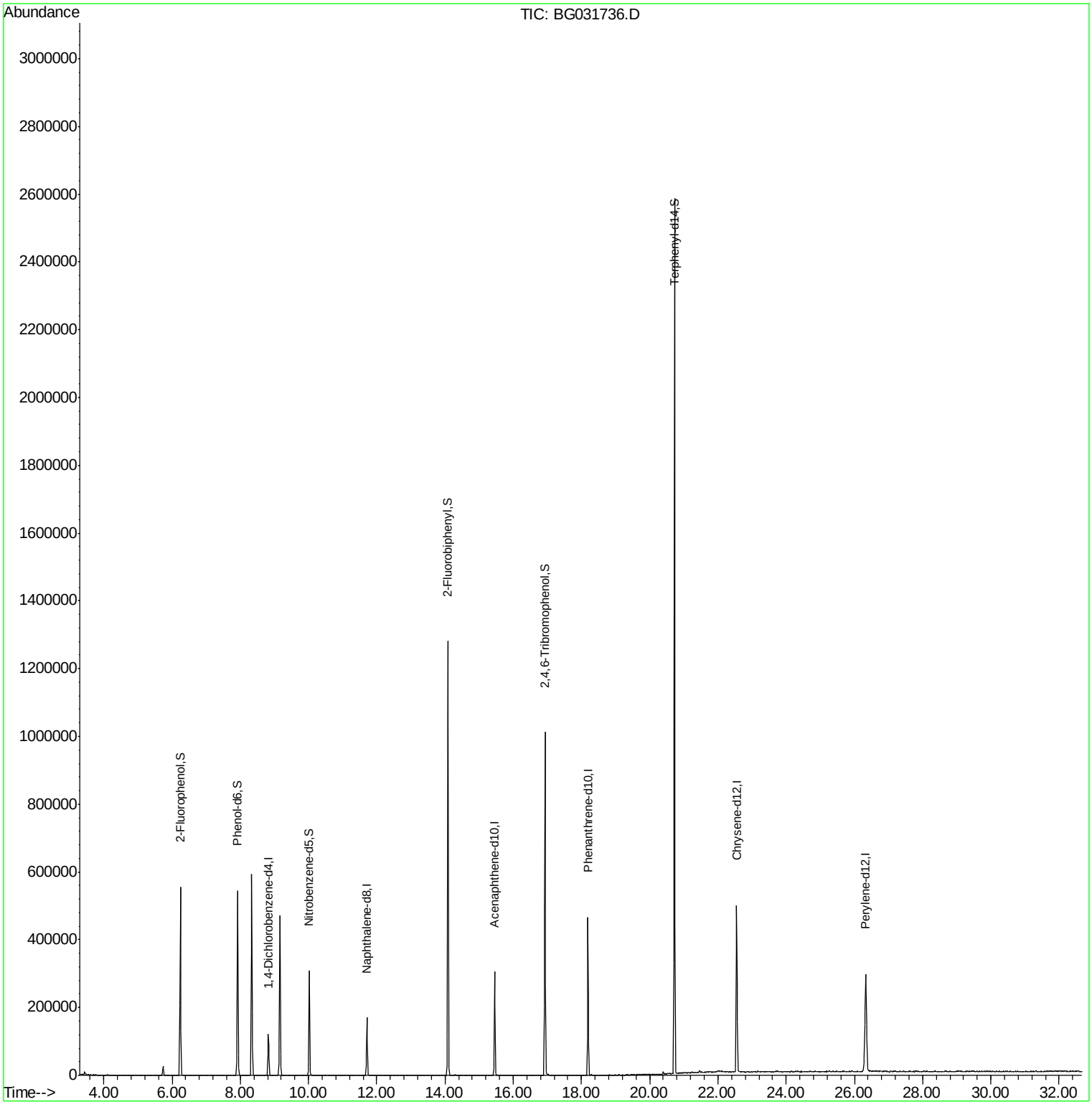
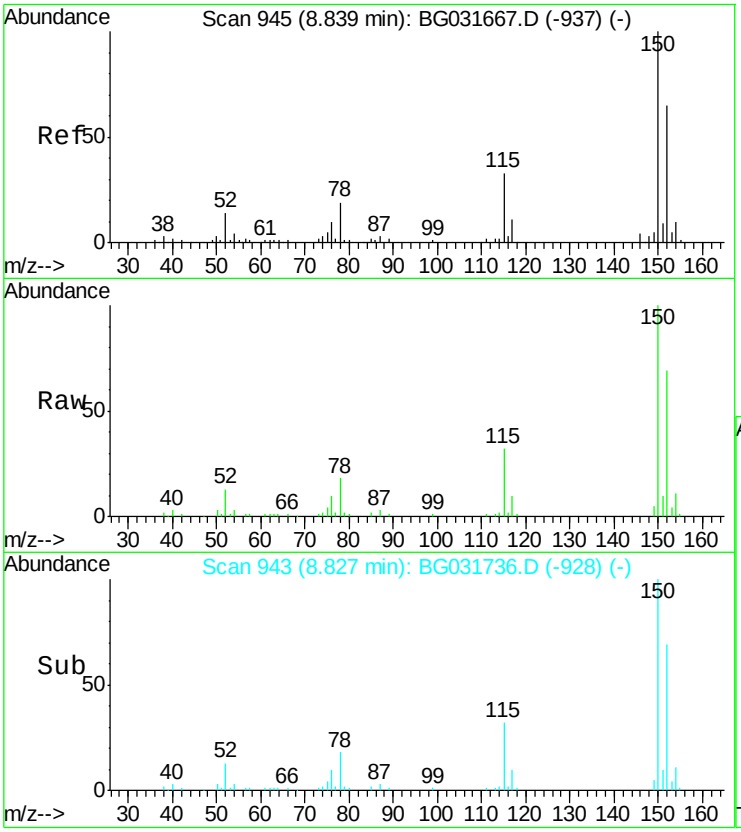


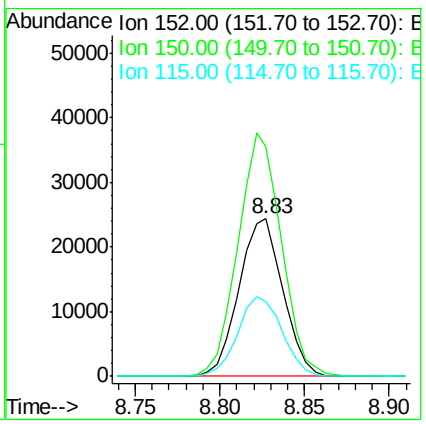


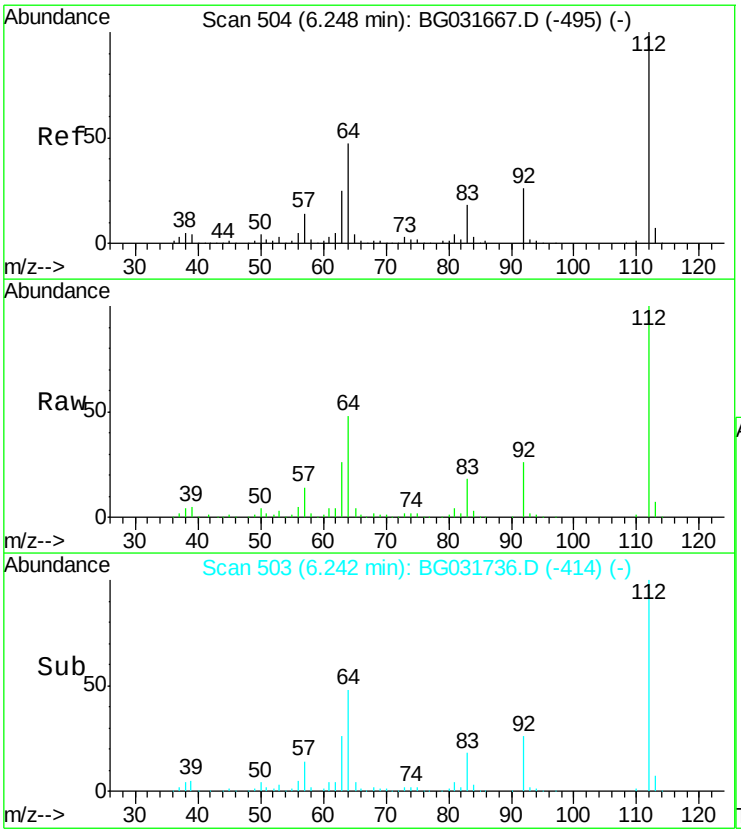
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031736.D
Acq: 23 Dec 2017 7:02

Instrument :
BNA_G
ClientSampleId :
PB105282TB

Tgt Ion:152 Resp: 43879

Ion	Ratio	Lower	Upper
152	100		
150	145.8	126.6	189.8
115	47.2	53.0	79.4#

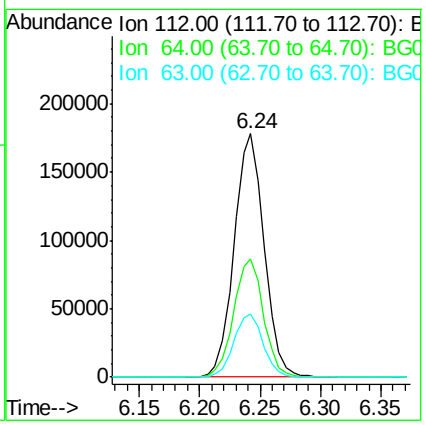


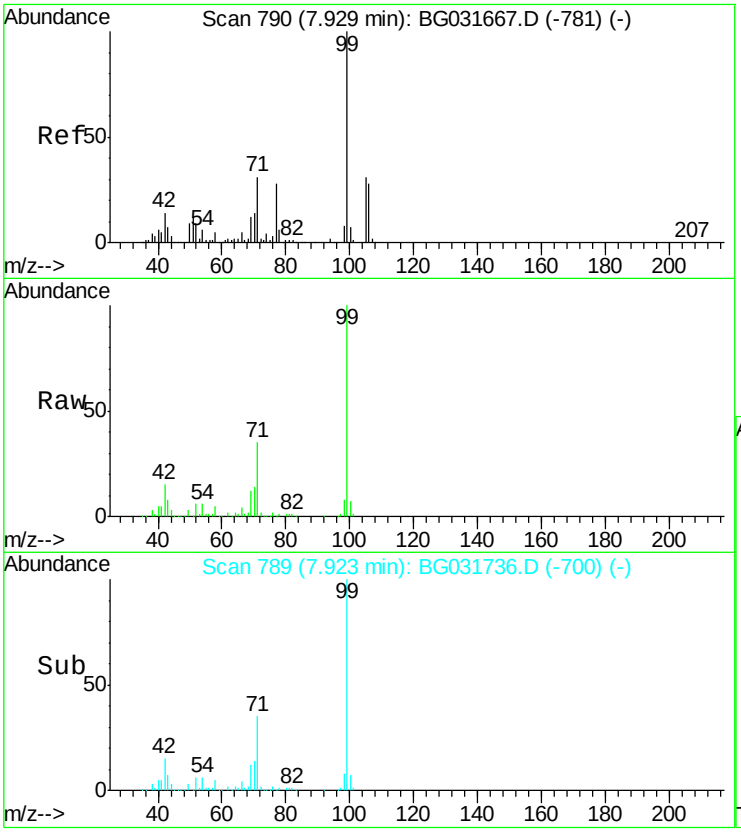


#5
2-Fluorophenol
Concen: 127.261 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031736.D
Acq: 23 Dec 2017 7:02

Tgt Ion:112 Resp: 306584

Ion	Ratio	Lower	Upper
112	100		
64	48.5	56.3	84.5#
63	26.1	30.1	45.1#



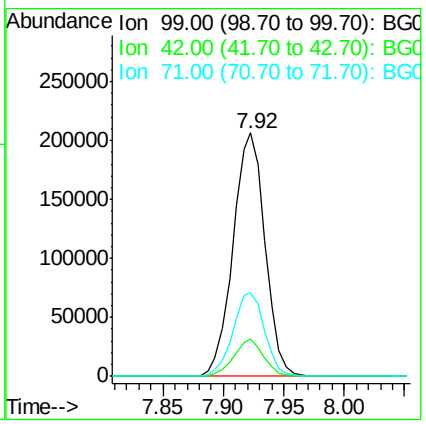


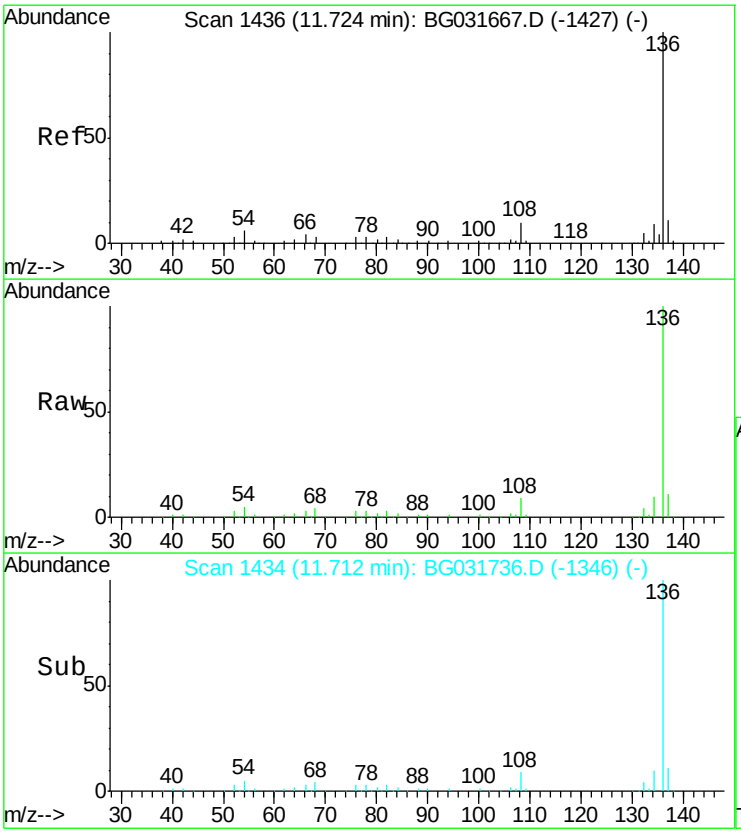
#7
Phenol-d6
Concen: 121.437 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG031736.D
Acq: 23 Dec 2017 7:02

Instrument :
BNA_G
ClientSampleId :
PB105282TB

Tgt Ion: 99 Resp: 379833

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.1	21.1
71	34.6	26.1	39.1

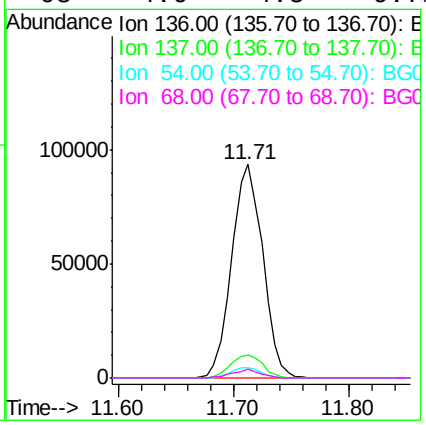


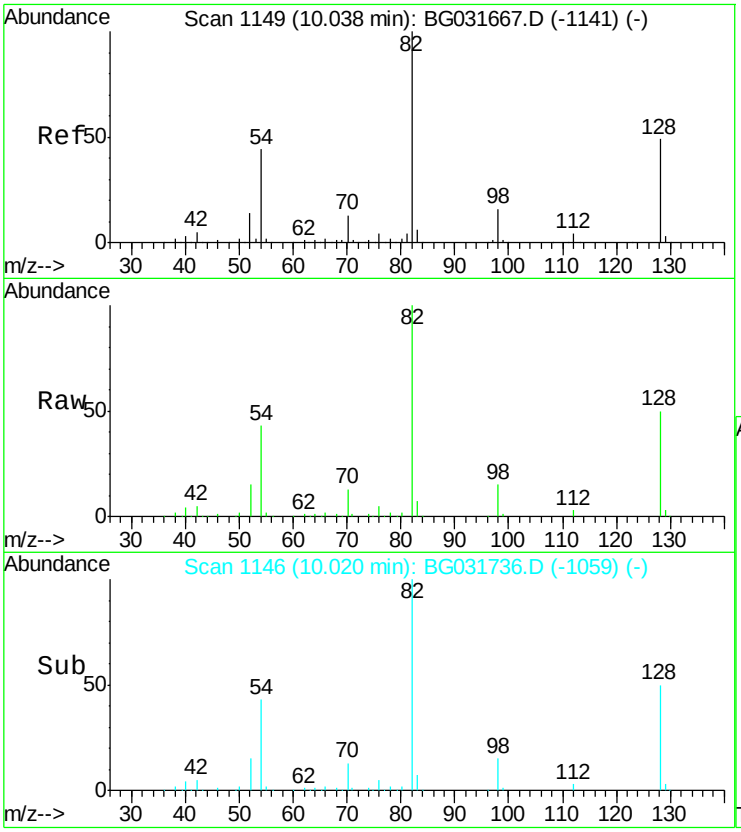


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031736.D
Acq: 23 Dec 2017 7:02

Tgt Ion:136 Resp: 174640

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	5.1	10.3	15.5#
68	4.0	4.5	6.7#



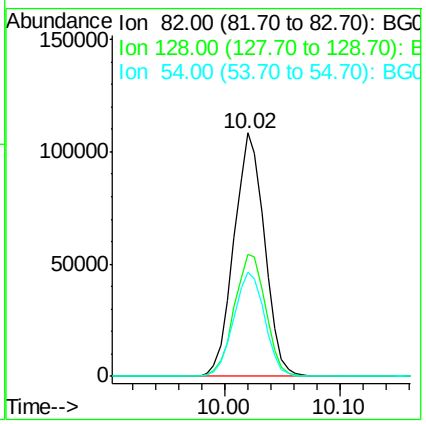


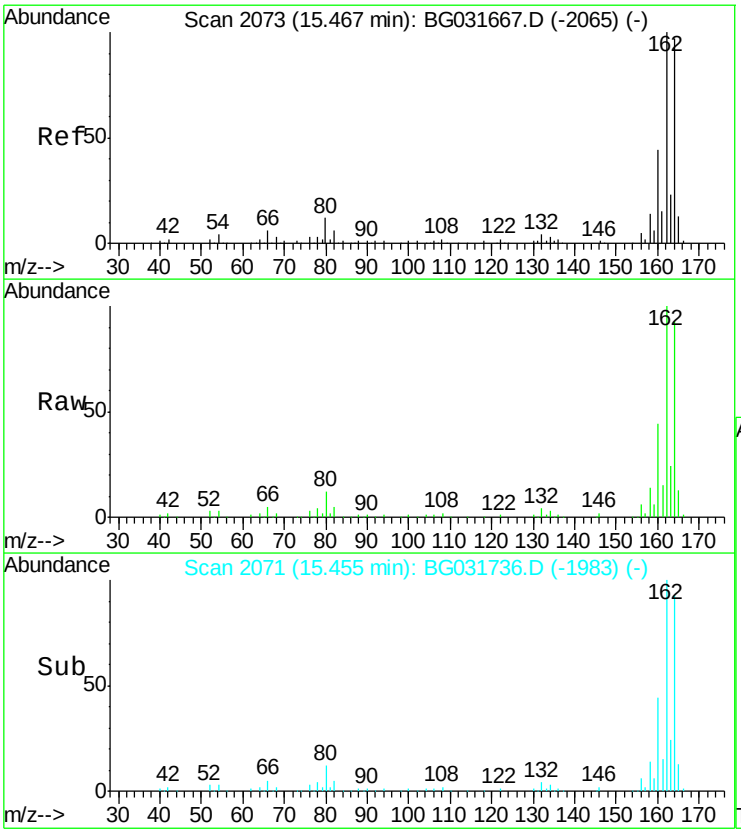
#23
Nitrobenzene-d5
Concen: 85.873 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG031736.D
Acq: 23 Dec 2017 7:02

Instrument :
BNA_G
ClientSampleId :
PB105282TB

Tgt Ion: 82 Resp: 198602

Ion	Ratio	Lower	Upper
82	100		
128	50.2	29.7	44.5#
54	42.7	43.1	64.7#

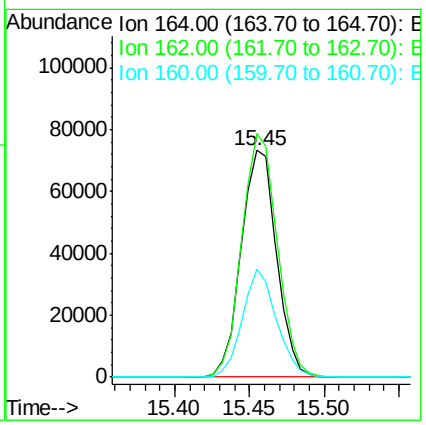


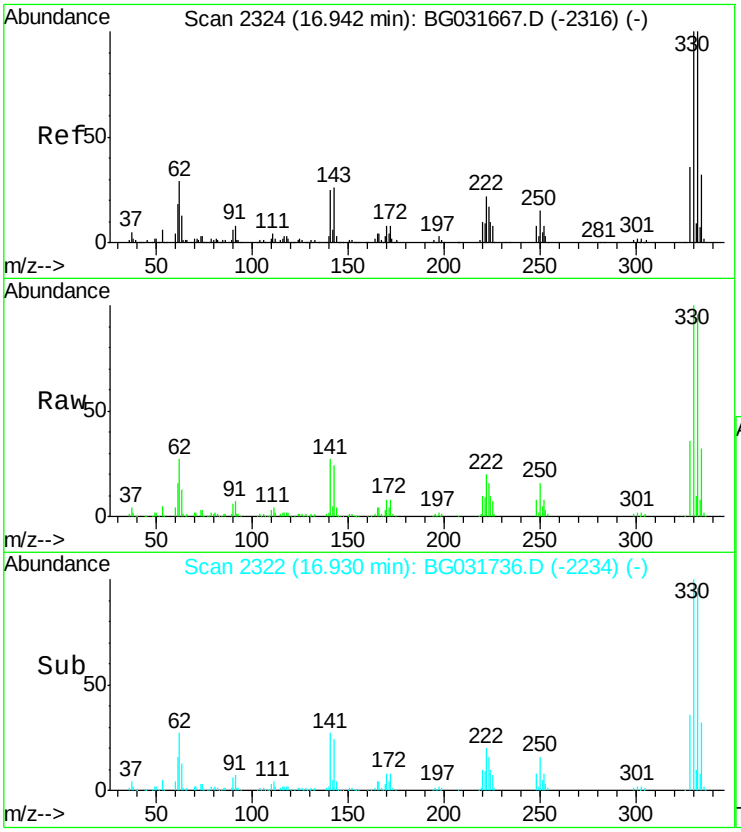


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.45 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031736.D
Acq: 23 Dec 2017 7:02

Tgt Ion:164 Resp: 119870

Ion	Ratio	Lower	Upper
164	100		
162	107.5	78.8	118.2
160	47.6	35.4	53.0



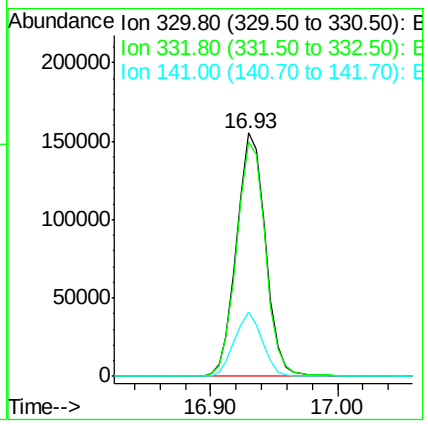


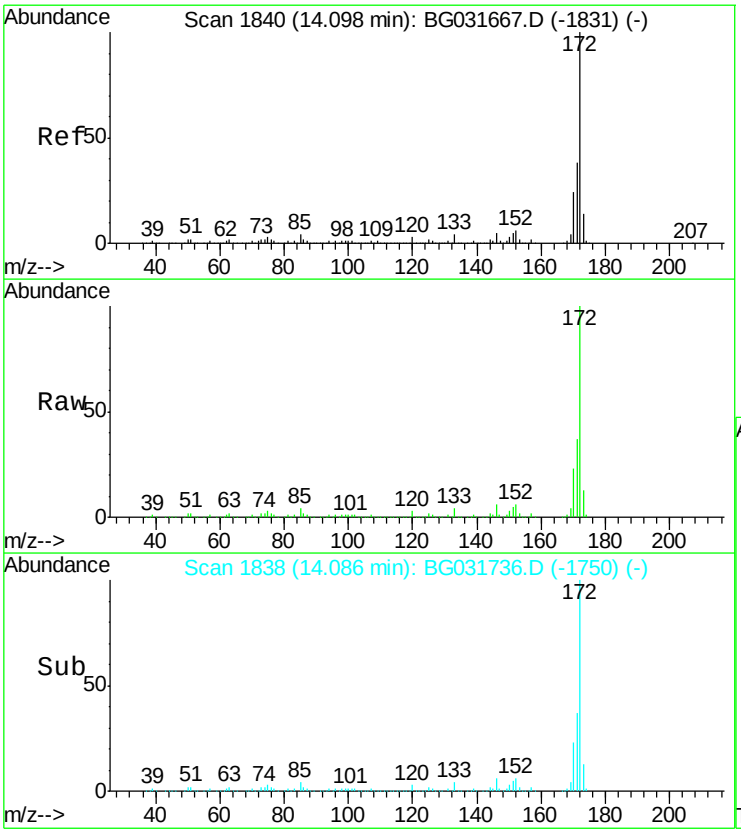
#41
2,4,6-Tribromophenol
Concen: 133.768 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031736.D
Acq: 23 Dec 2017 7:02

Instrument :
BNA_G
ClientSampleId :
PB105282TB

Tgt Ion:330 Resp: 244669

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	25.4	25.2	37.8

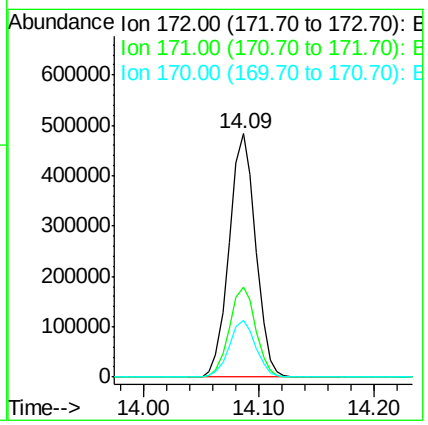


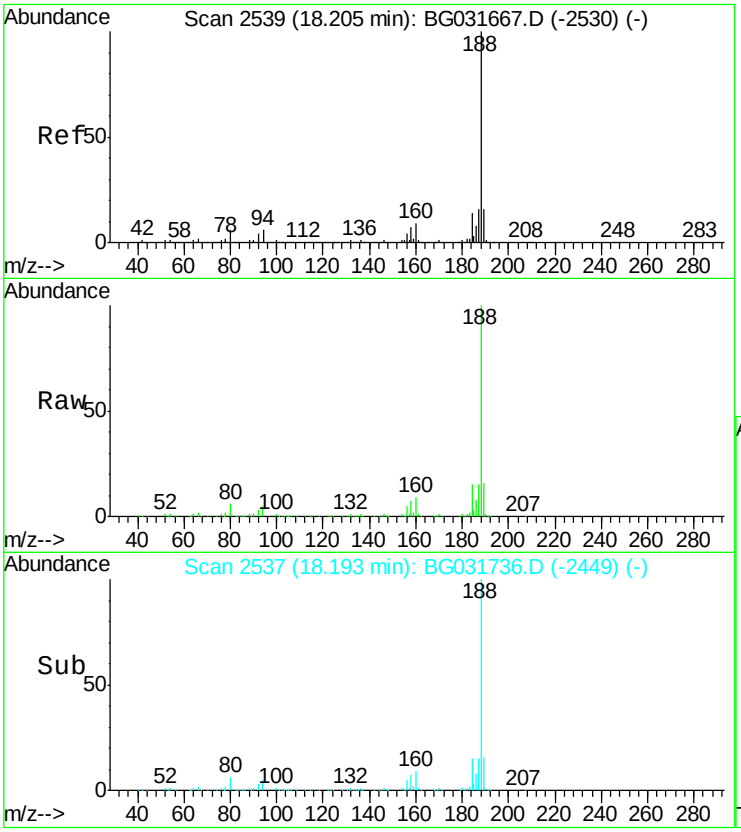


#44
2-Fluorobiphenyl
Concen: 79.979 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031736.D
Acq: 23 Dec 2017 7:02

Tgt Ion:172 Resp: 763833

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.2	19.5	29.3



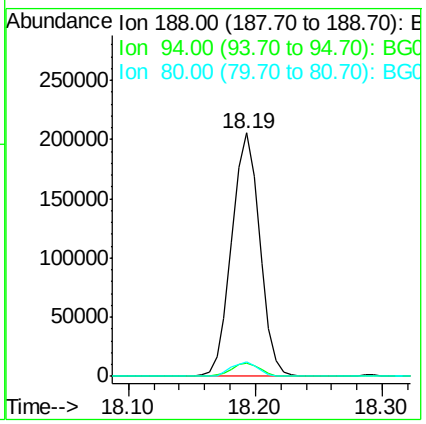


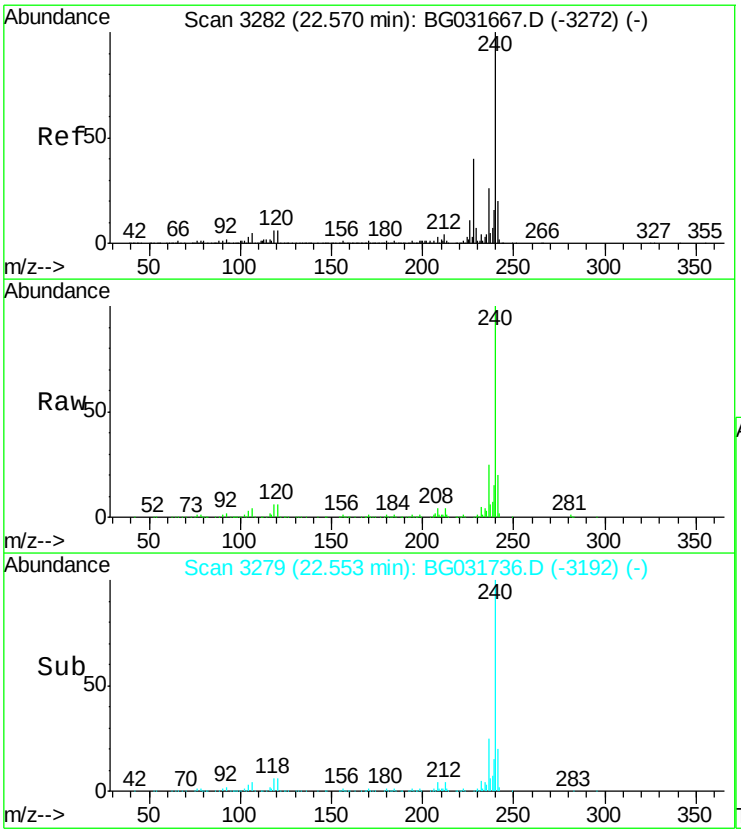
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031736.D
Acq: 23 Dec 2017 7:02

Instrument :
BNA_G
ClientSampleId :
PB105282TB

Tgt Ion:188 Resp: 314125

Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	6.1	7.7	11.5#

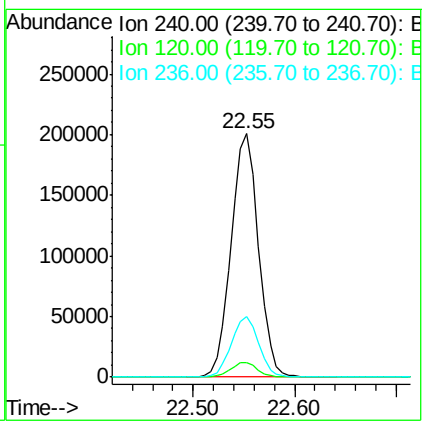


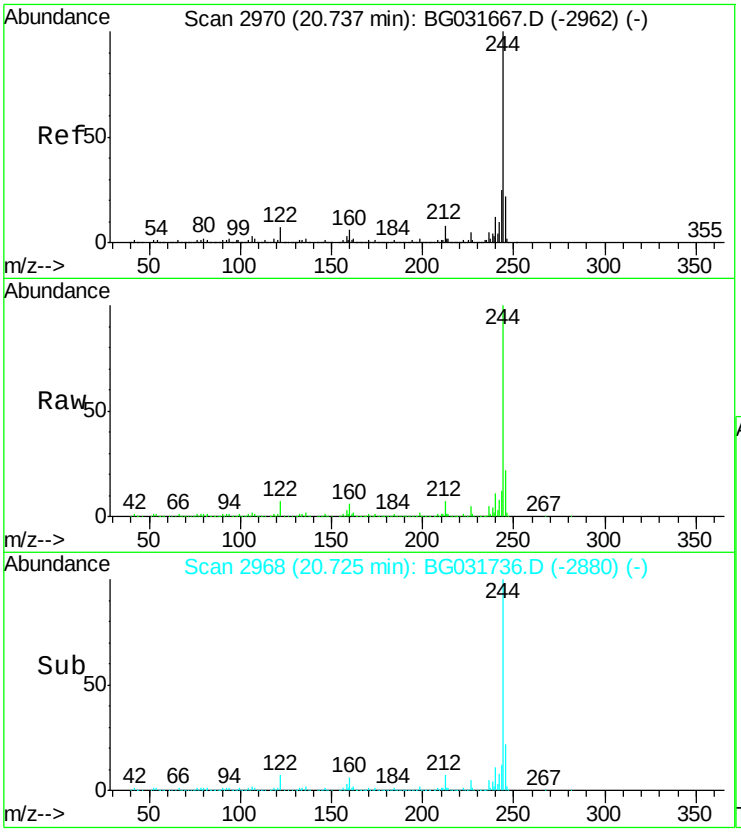


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031736.D
Acq: 23 Dec 2017 7:02

Tgt Ion:240 Resp: 375635

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.0	20.9	31.3



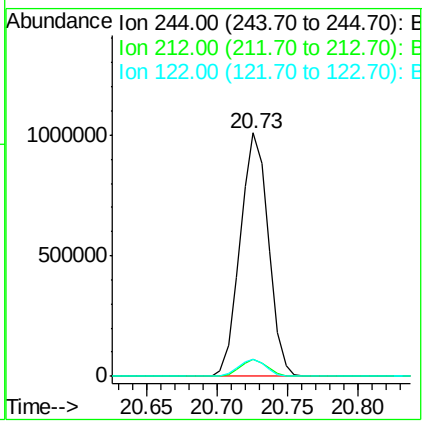


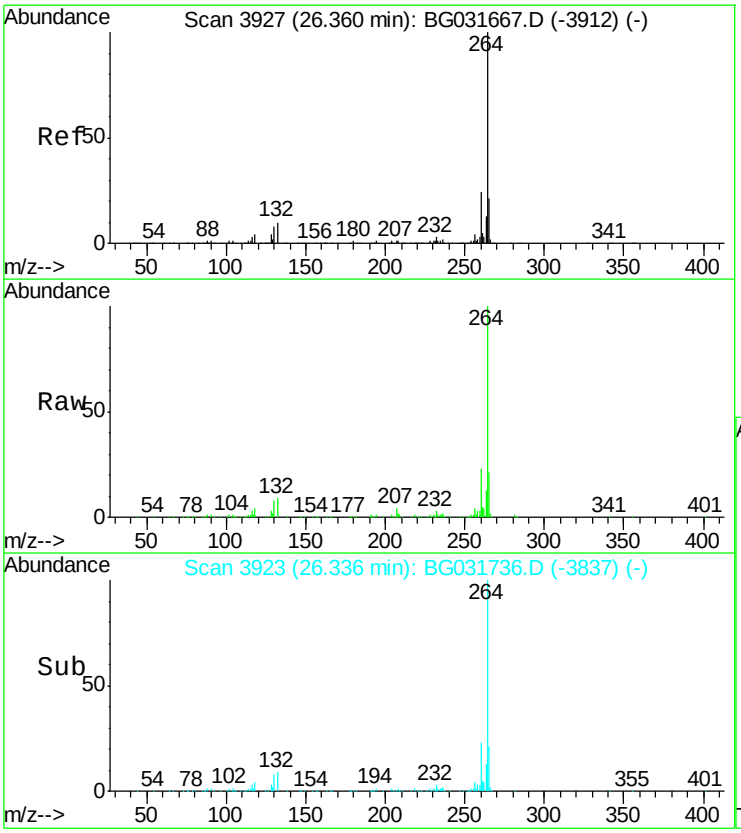
#78
Terphenyl-d14
Concen: 85.929 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031736.D
Acq: 23 Dec 2017 7:02

Instrument :
BNA_G
ClientSampleId :
PB105282TB

Tgt Ion:244 Resp: 1412811

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	6.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3923
Delta R.T. -0.02 min
Lab File: BG031736.D
Acq: 23 Dec 2017 7:02

Tgt Ion:264 Resp: 399798

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.5	17.7	26.5