Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
Data File : BG033796.D
Acq On : 13 Apr 2018 13:21
Operator : SJ/JU
Sample : J2337-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-12002RE

Quant Time: Apr 14 01:15:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	25492	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	104984	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	18081	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	83651	20.00	ng	0.00
75) Chrysene-d12	22.55	240	8173	20.00	ng	0.00
86) Perylene-d12	26.31	264	114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	187050	137.59	ng	0.01
7) Phenol-d6	7.99	99	82174	35.18	ng	0.02
23) Nitrobenzene-d5	10.06	82	230183	100.73	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	202075	747.26	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	555958	443.89	ng	0.00
78) Terphenyl-d14	20.72	244	301654	789.33	ng	0.00
Target Compounds						Qvalue

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

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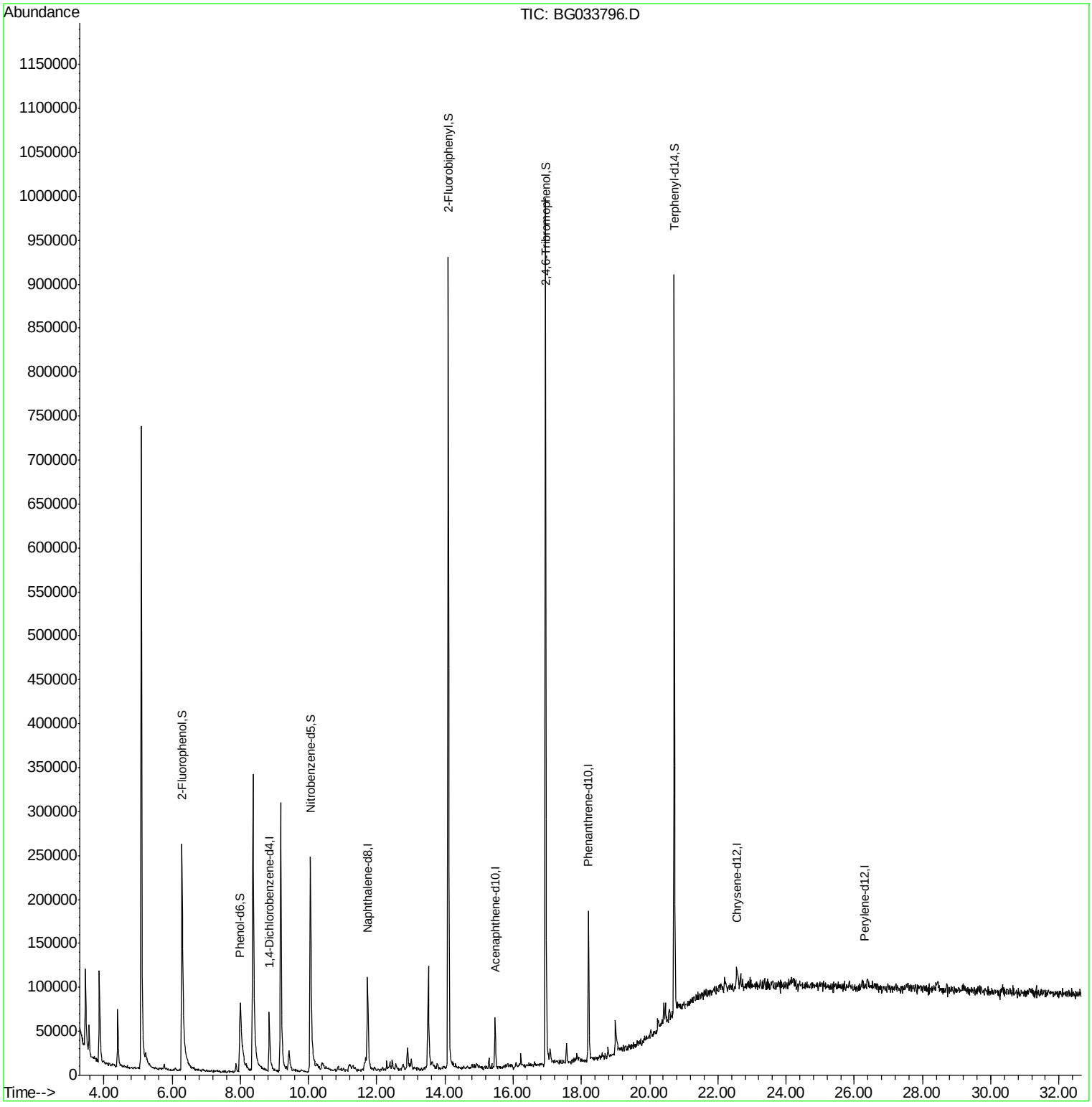
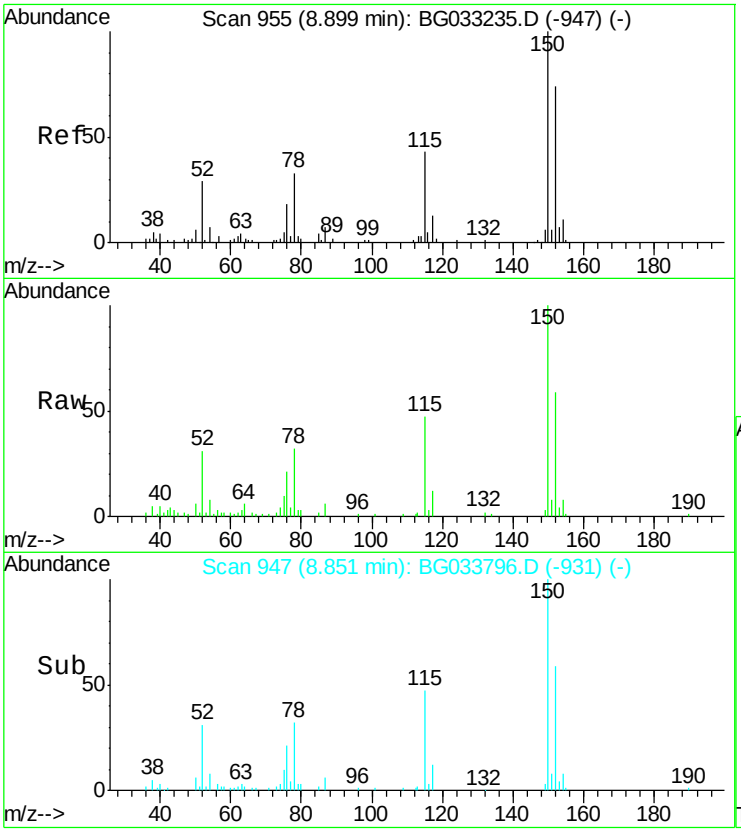


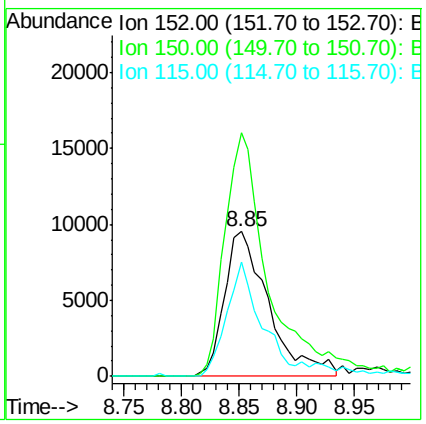


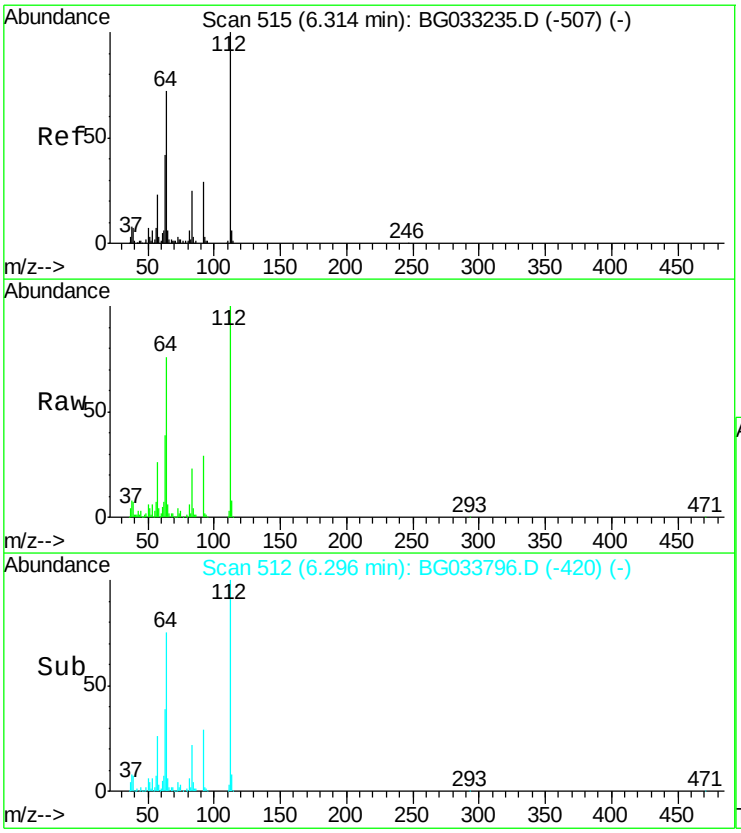
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG033796.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_G
ClientSampleId :
72-12002RE

Tgt Ion:152 Resp: 25492

Ion	Ratio	Lower	Upper
152	100		
150	168.2	126.6	189.8
115	78.8	53.0	79.4

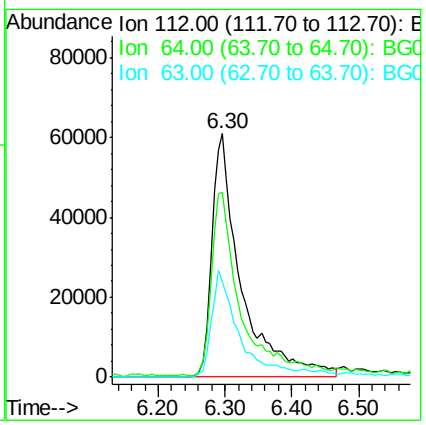




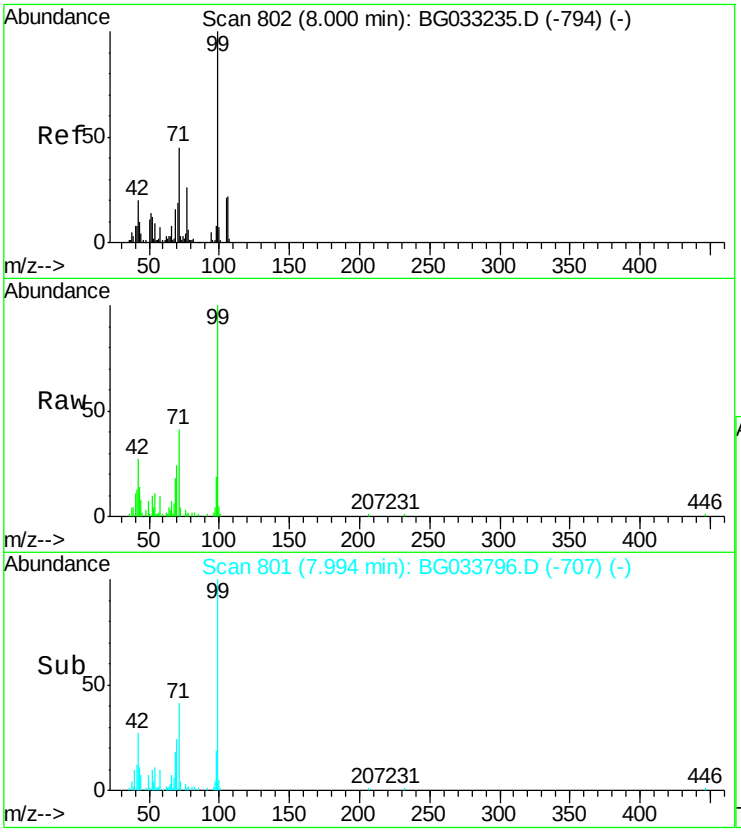
#5
2-Fluorophenol
Concen: 137.589 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033796.D
Acq: 13 Apr 2018 13:21

Tgt Ion:112 Resp: 187050

Ion	Ratio	Lower	Upper
112	100		
64	75.8	56.3	84.5
63	39.1	30.1	45.1



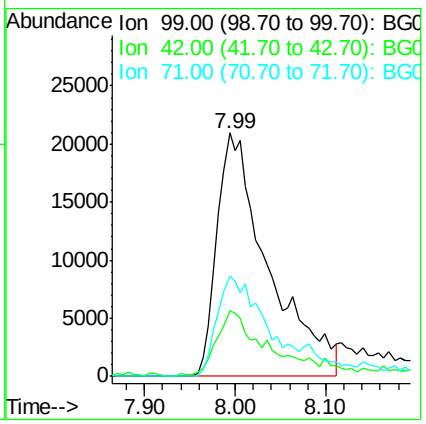
Instrument :
BNA_G
ClientSampleId :
72-12002RE

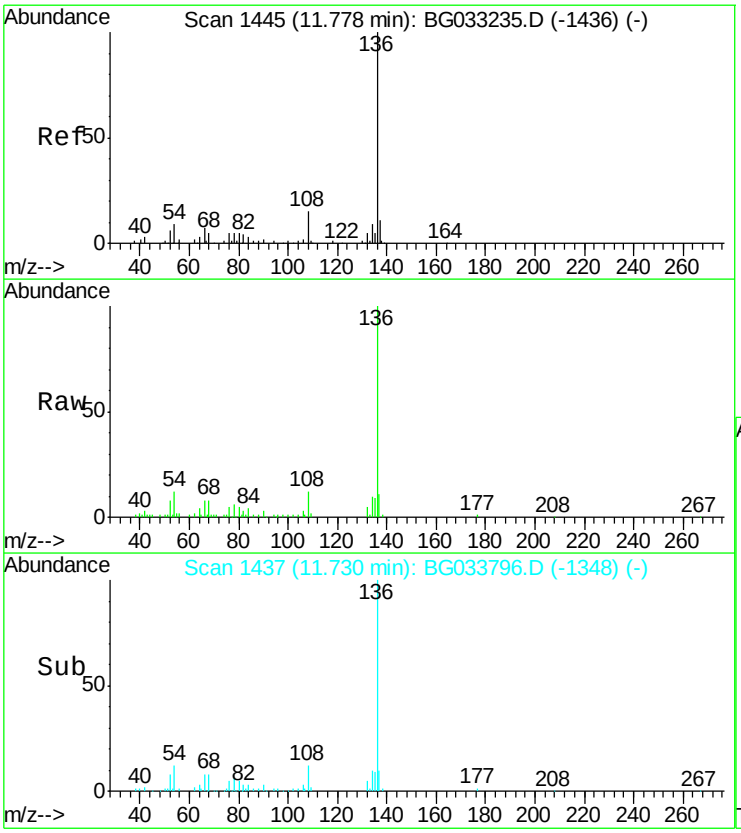


#7
Phenol-d6
Concen: 35.179 ng
RT: 7.99 min Scan# 801
Delta R.T. 0.02 min
Lab File: BG033796.D
Acq: 13 Apr 2018 13:21

Tgt Ion: 99 Resp: 82174

Ion	Ratio	Lower	Upper
99	100		
42	26.7	14.1	21.1#
71	41.3	26.1	39.1#

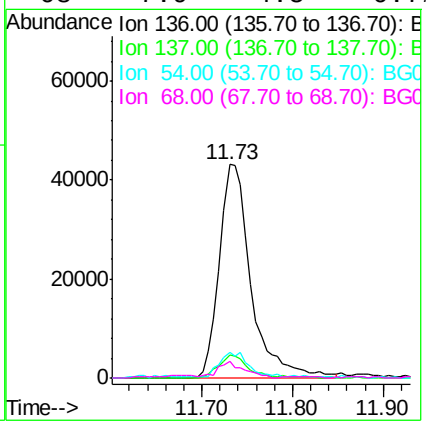


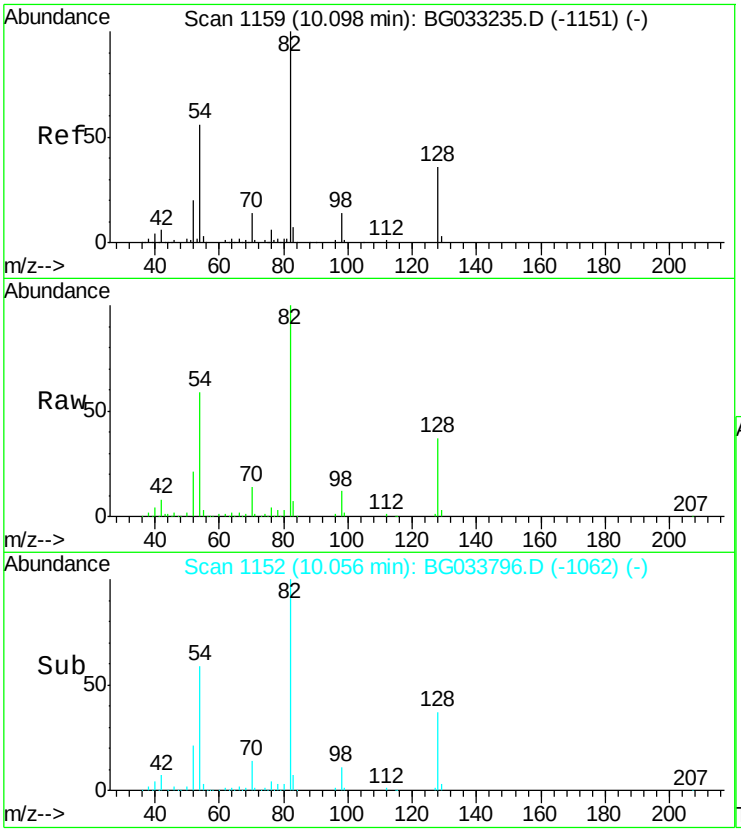


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BG033796.D
Acq: 13 Apr 2018 13:21

Tgt Ion:136 Resp: 104984

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	11.9	10.3	15.5
68	7.9	4.5	6.7#



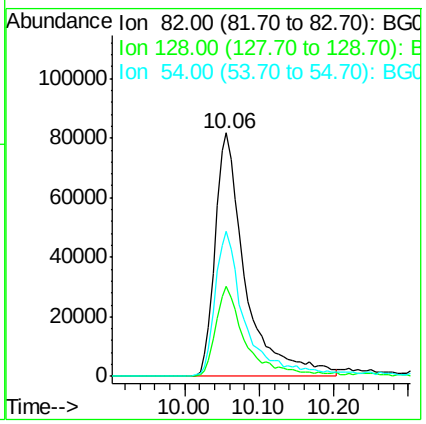


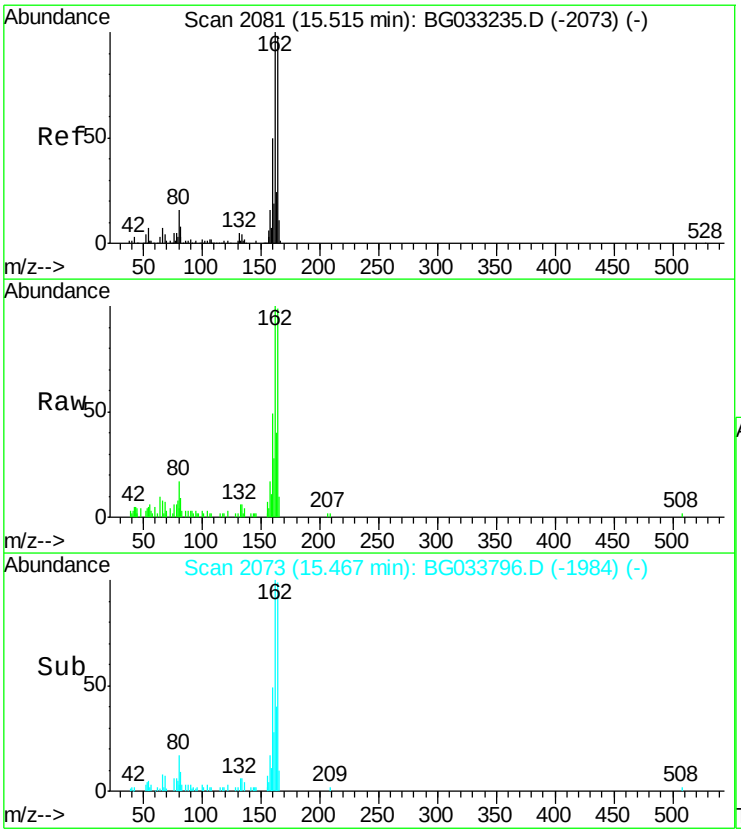
#23
Nitrobenzene-d5
Concen: 100.735 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033796.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_G
ClientSampleId :
72-12002RE

Tgt Ion: 82 Resp: 230183

Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.7	44.5
54	59.3	43.1	64.7

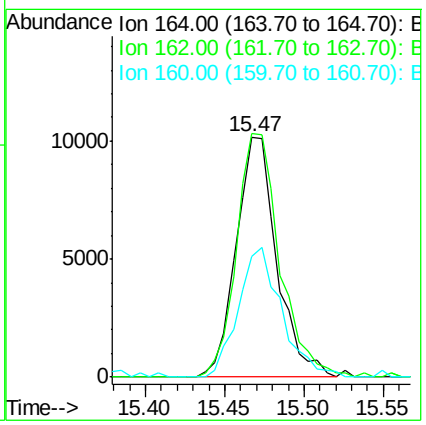


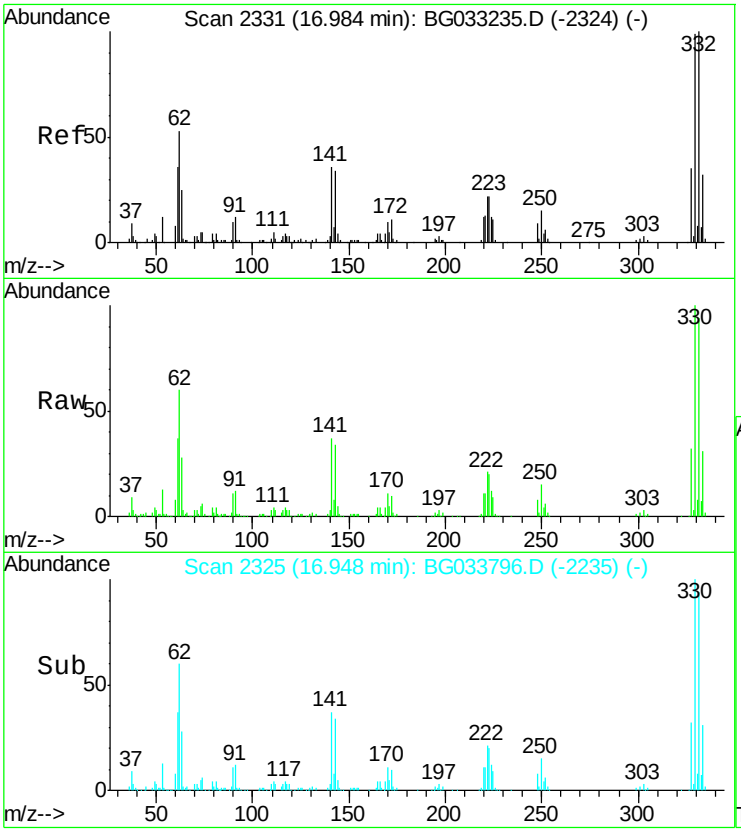


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG033796.D
Acq: 13 Apr 2018 13:21

Tgt Ion:164 Resp: 18081

Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	50.2	35.4	53.0



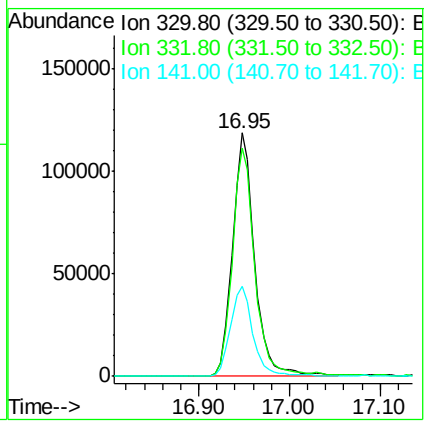


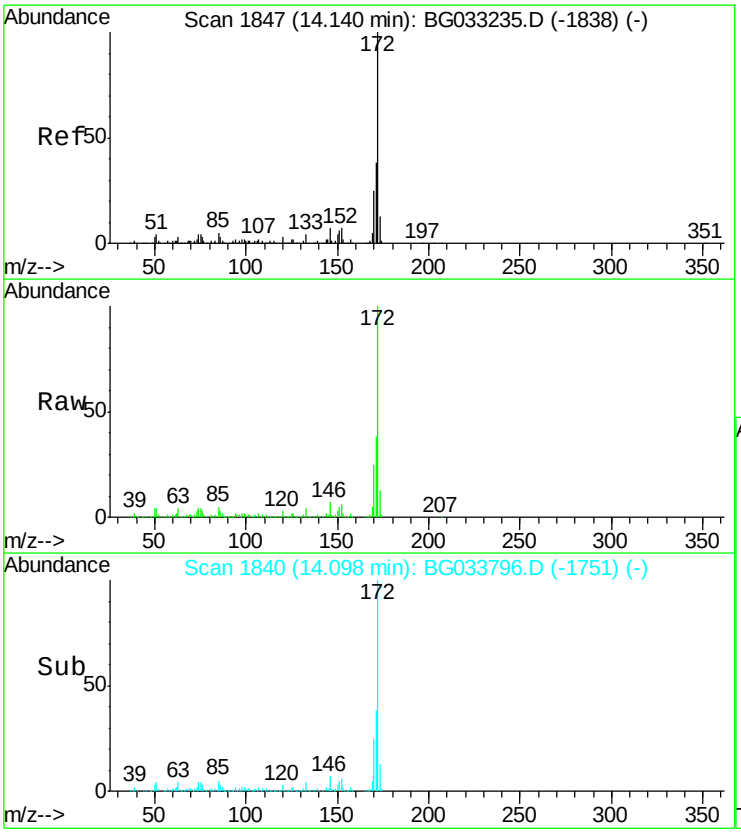
#41
2,4,6-Tribromophenol
Concen: 747.257 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG033796.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_G
ClientSampleId :
72-12002RE

Tgt Ion:330 Resp: 202075

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	37.4	25.2	37.8

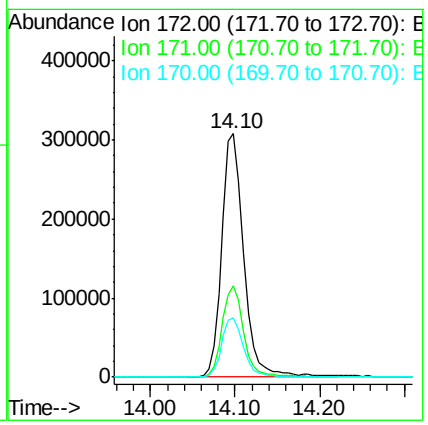


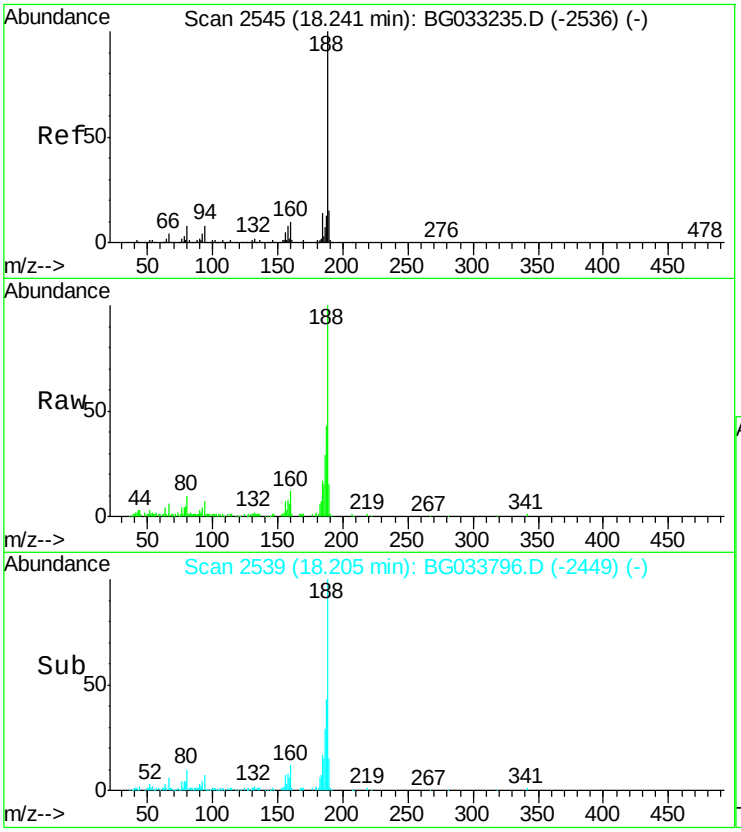


#44
2-Fluorobiphenyl
Concen: 443.892 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033796.D
Acq: 13 Apr 2018 13:21

Tgt Ion:172 Resp: 555958

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.6	19.5	29.3



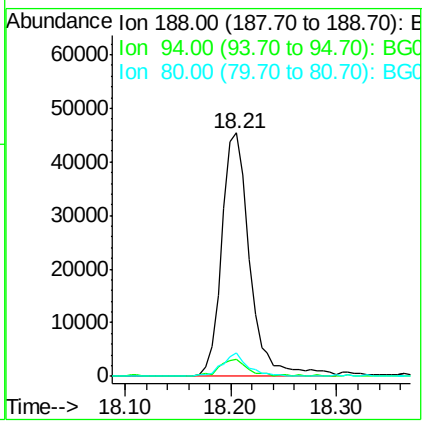


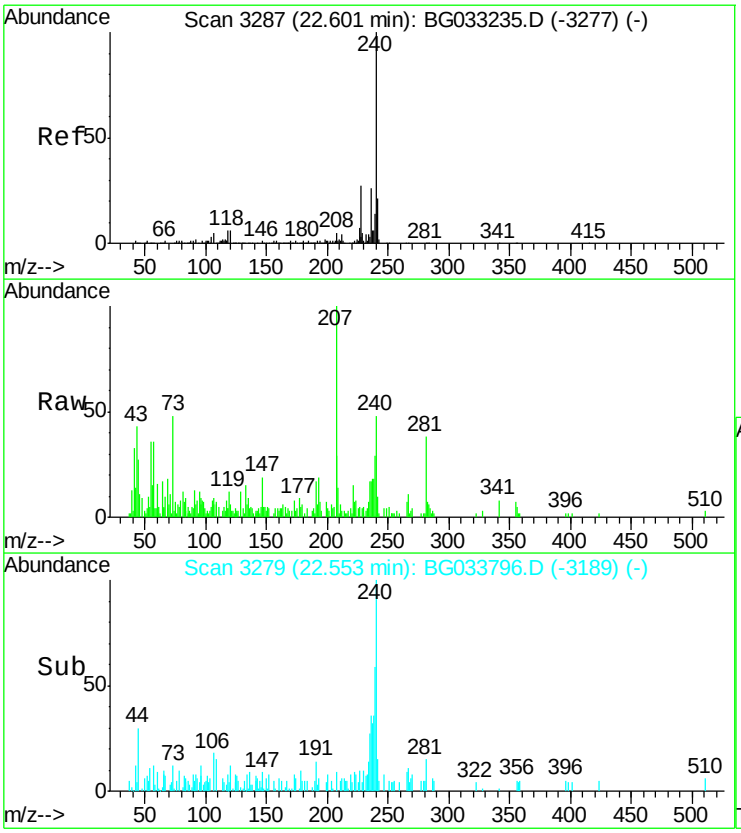
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033796.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_G
ClientSampleId :
72-12002RE

Tgt Ion:188 Resp: 83651

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	9.6	7.7	11.5

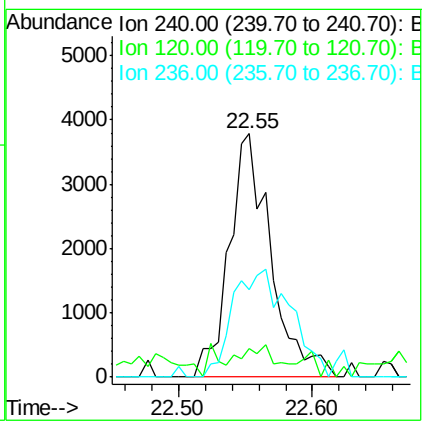


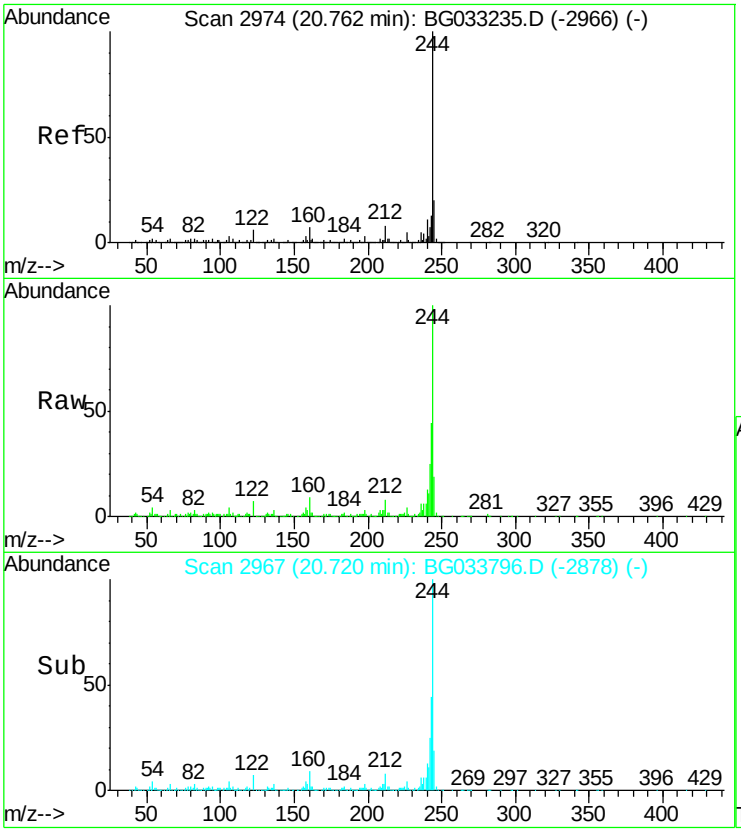


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. 0.00 min
Lab File: BG033796.D
Acq: 13 Apr 2018 13:21

Tgt Ion:240 Resp: 8173

Ion	Ratio	Lower	Upper
240	100		
120	11.5	6.8	10.2#
236	35.9	20.9	31.3#



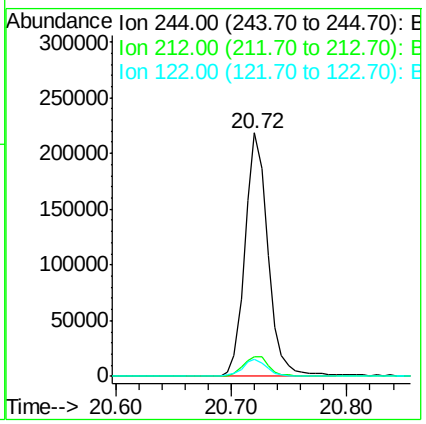


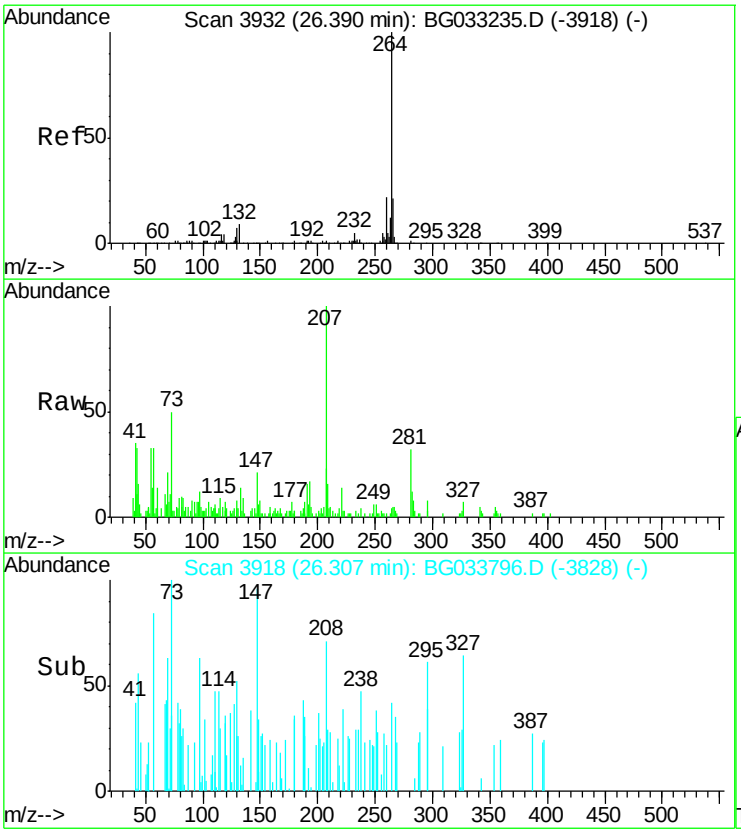
#78
Terphenyl-d14
Concen: 789.330 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BG033796.D
Acq: 13 Apr 2018 13:21

Instrument :
BNA_G
ClientSampleId :
72-12002RE

Tgt Ion:244 Resp: 301654

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033796.D
Acq: 13 Apr 2018 13:21

Tgt Ion:264 Resp: 114

Ion	Ratio	Lower	Upper
264	100		
260	51.9	17.4	26.0#
265	131.4	17.7	26.5#