Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033612.D
Acq On : 6 Apr 2018 3:44
Operator : SJ/JU
Sample : J2212-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Time: Apr 06 05:22:20 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	31170	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	138524	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	116455	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	303549	20.00	ng	0.00
75) Chrysene-d12	22.55	240	307285	20.00	ng	0.00
86) Perylene-d12	26.31	264	292598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	274802	165.31	ng	0.00
7) Phenol-d6	7.97	99	379257	132.79	ng	0.00
23) Nitrobenzene-d5	10.06	82	319986	106.13	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	255053	146.44	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	786819	97.54	ng	0.00
78) Terphenyl-d14	20.73	244	1549668	107.85	ng	0.00
Target Compounds						Qvalue

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

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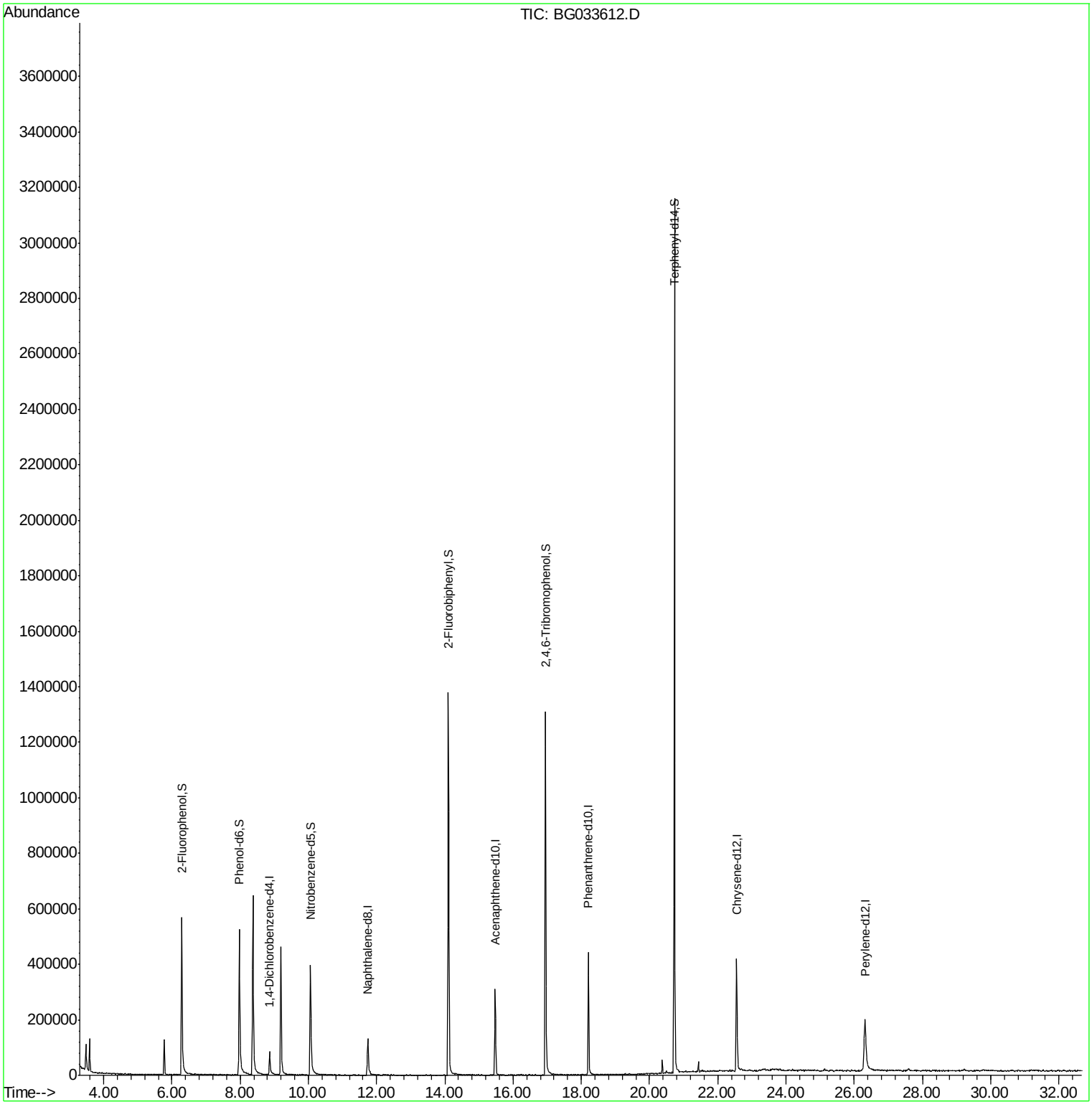
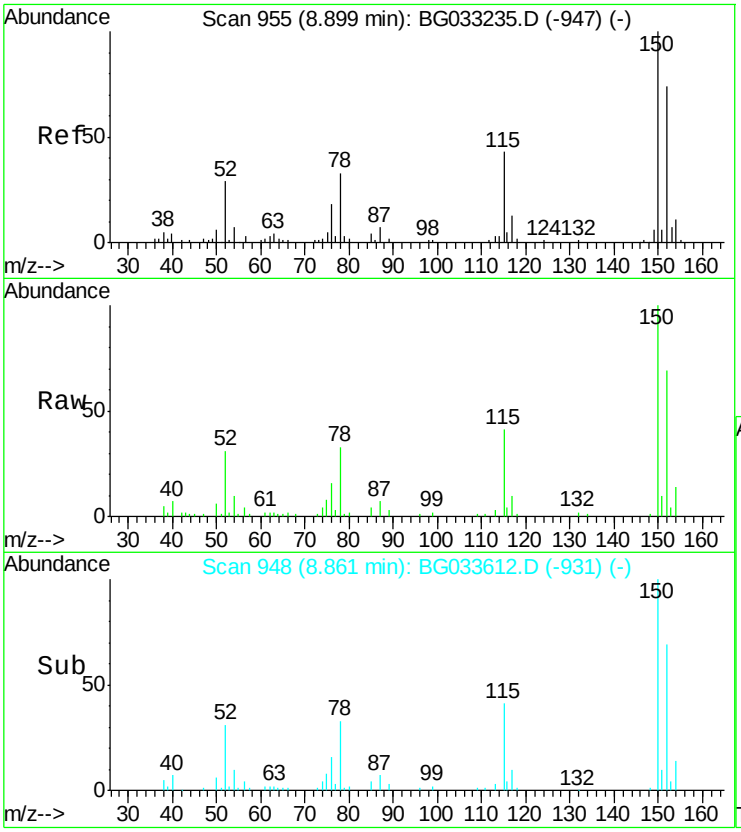


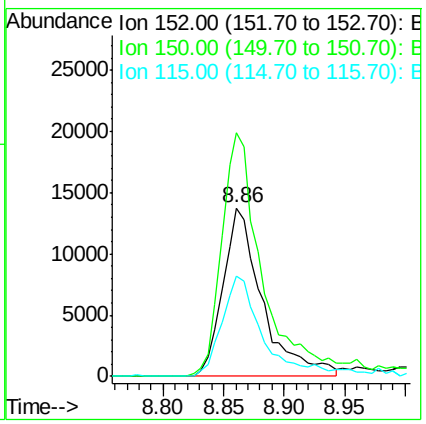


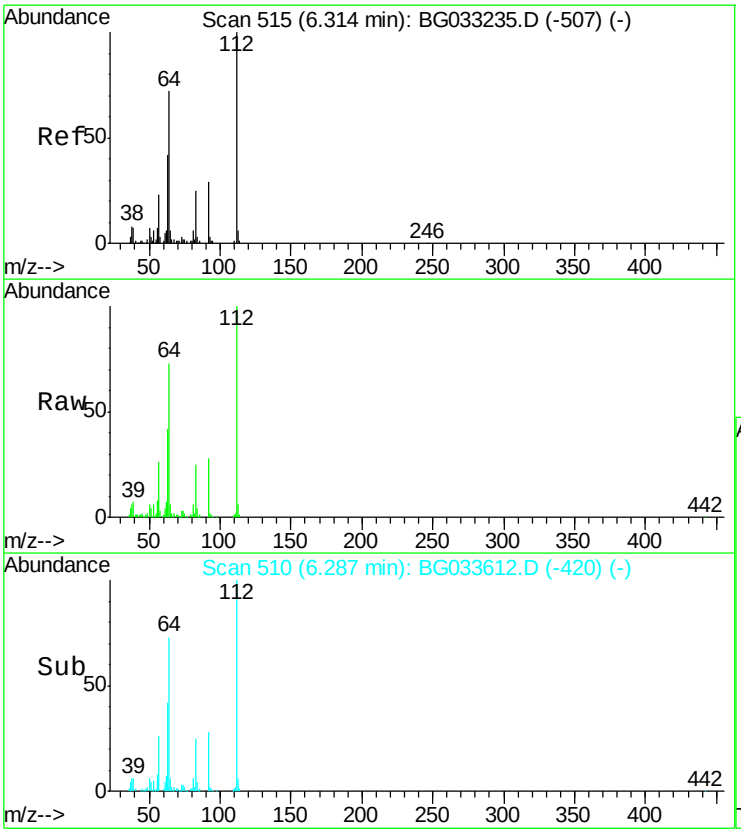
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Instrument :
BNA_G
ClientSampleId :
SP-1-B

Tgt Ion:152 Resp: 31170

Ion	Ratio	Lower	Upper
152	100		
150	144.8	126.6	189.8
115	59.4	53.0	79.4

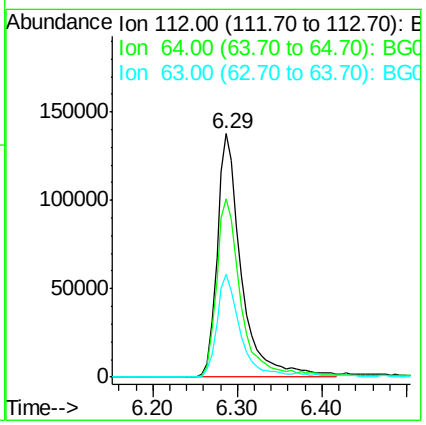


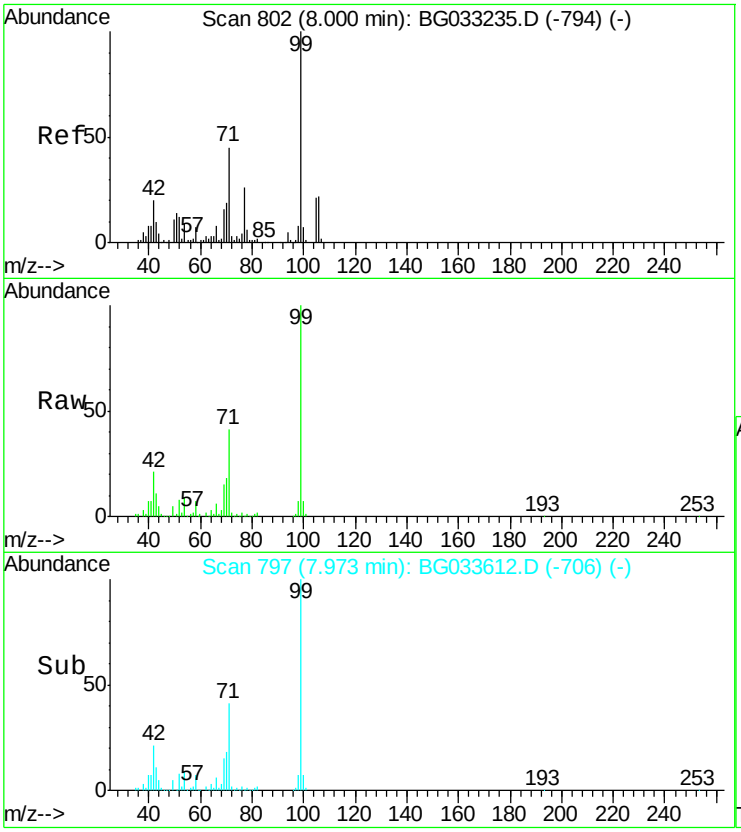


#5
2-Fluorophenol
Concen: 165.315 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Tgt Ion:112 Resp: 274802

Ion	Ratio	Lower	Upper
112	100		
64	73.2	56.3	84.5
63	42.0	30.1	45.1



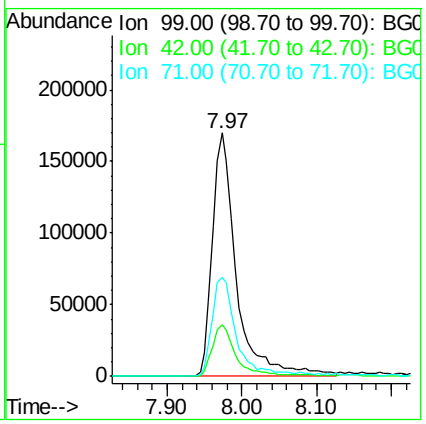


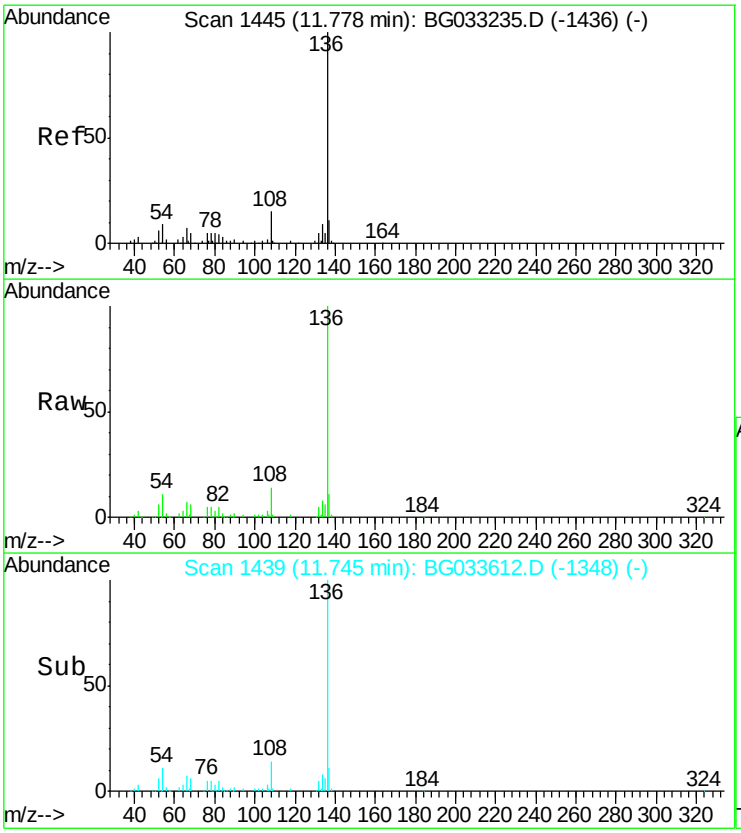
#7
Phenol-d6
Concen: 132.786 ng
RT: 7.97 min Scan# 797
Delta R.T. 0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Instrument :
BNA_G
ClientSampleId :
SP-1-B

Tgt Ion: 99 Resp: 379257

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.1	21.1
71	40.9	26.1	39.1#

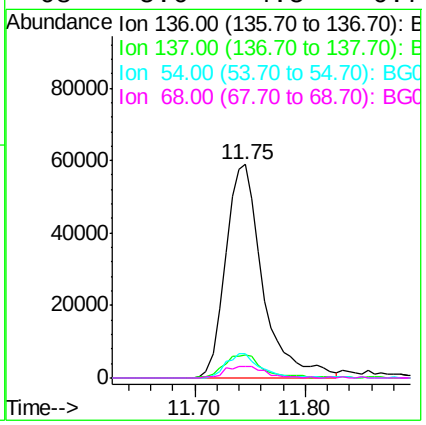


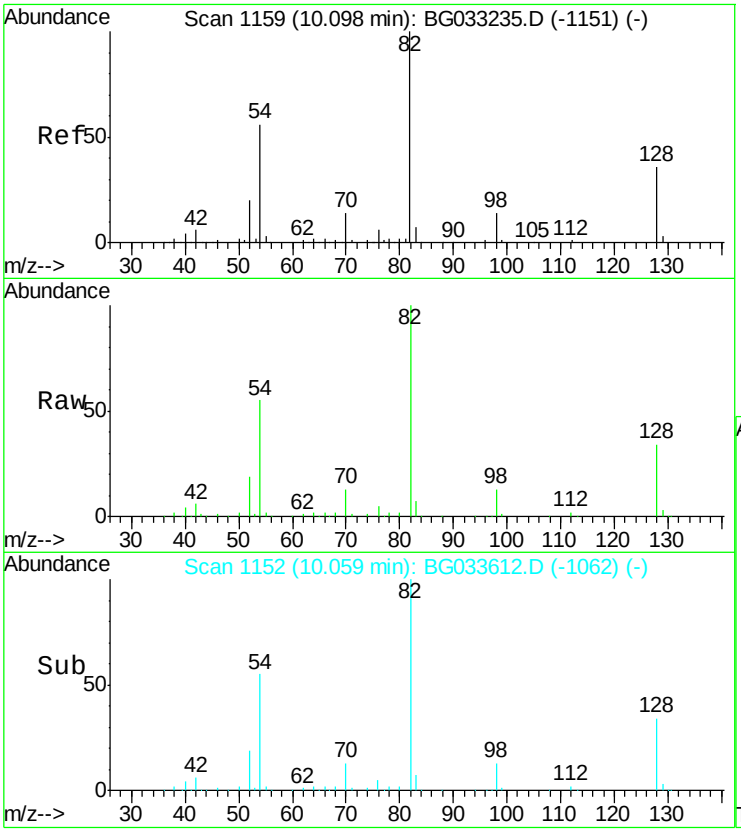


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Tgt Ion:136 Resp: 138524

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	11.4	10.3	15.5
68	5.6	4.5	6.7



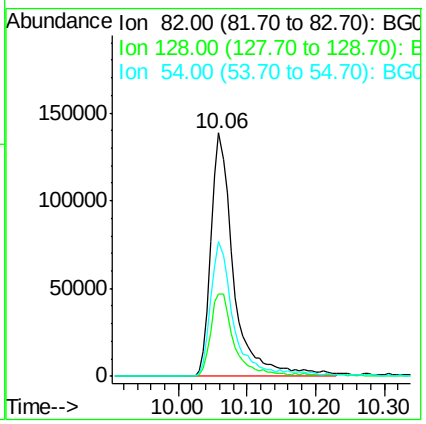


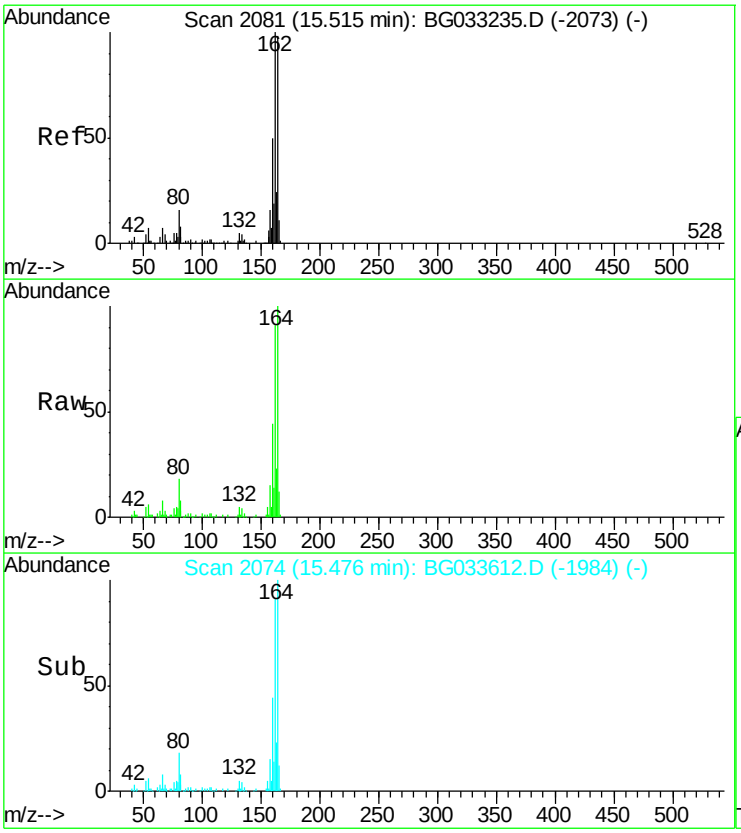
#23
Nitrobenzene-d5
Concen: 106.129 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Instrument :
BNA_G
ClientSampleId :
SP-1-B

Tgt Ion: 82 Resp: 319986

Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	55.3	43.1	64.7

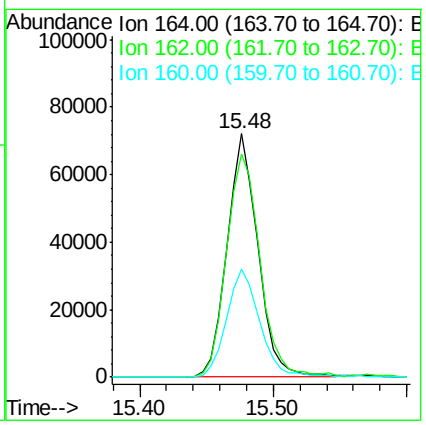


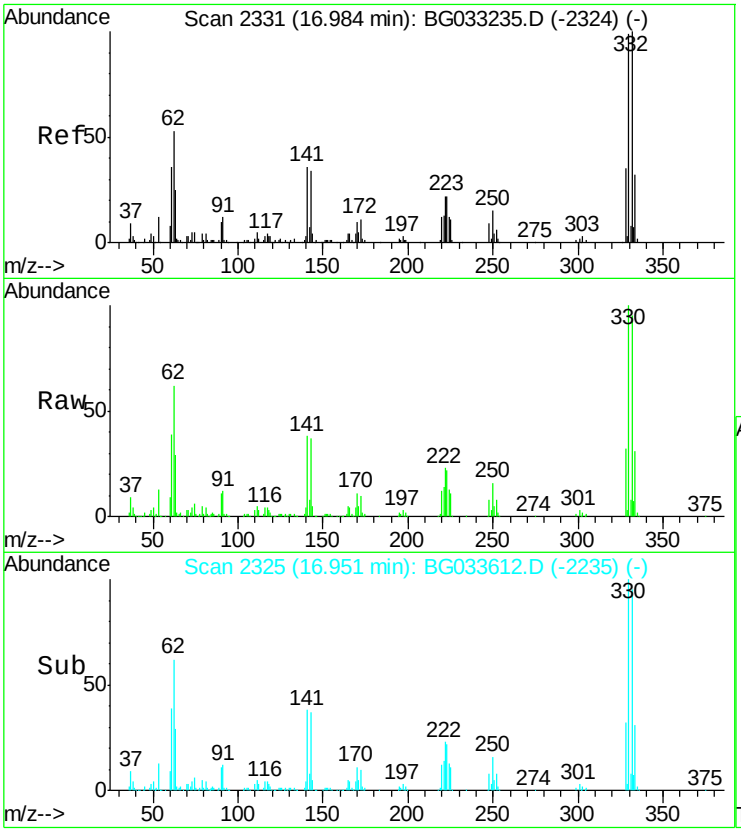


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Tgt Ion:164 Resp: 116455

Ion	Ratio	Lower	Upper
164	100		
162	91.5	78.8	118.2
160	44.1	35.4	53.0



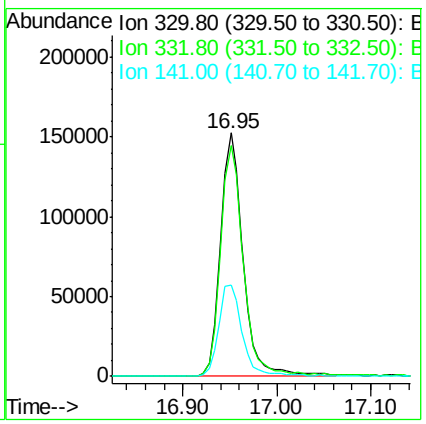


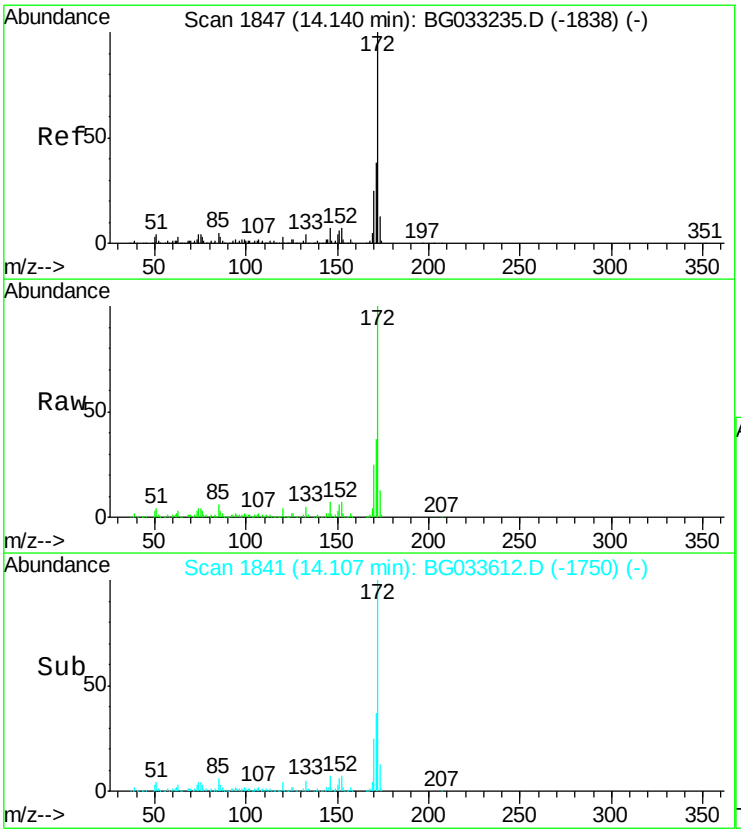
#41
2,4,6-Tribromophenol
Concen: 146.437 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Instrument :
BNA_G
ClientSampleId :
SP-1-B

Tgt Ion:330 Resp: 255053

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	39.6	25.2	37.8#

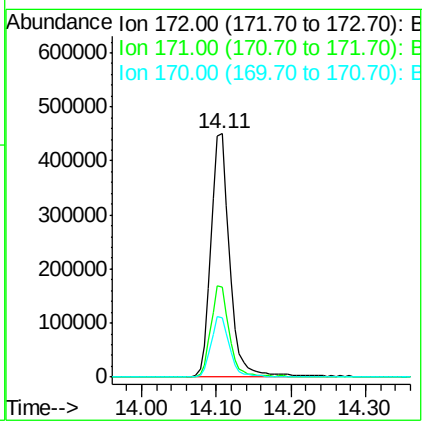


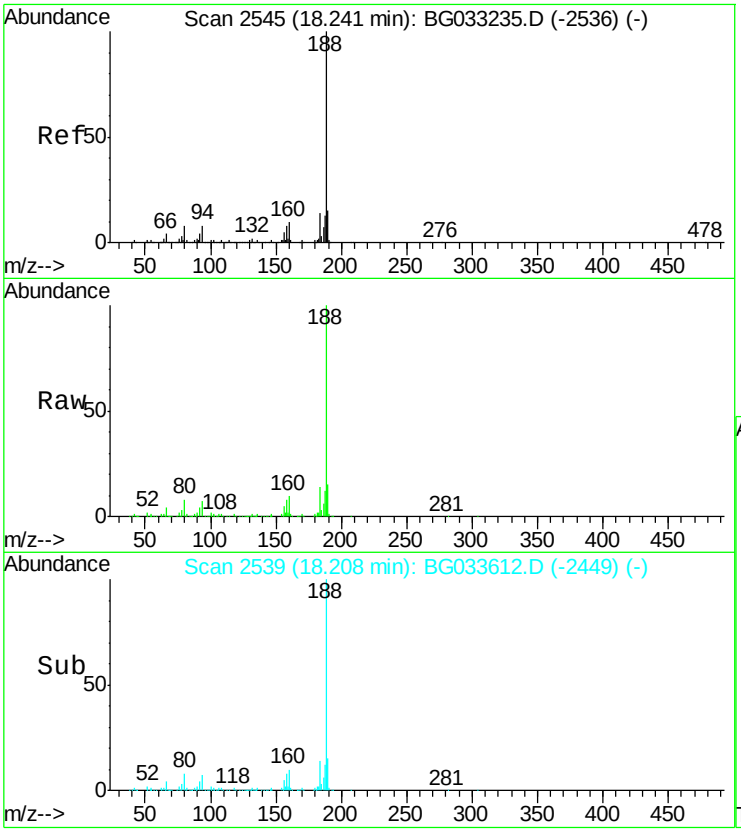


#44
2-Fluorobiphenyl
Concen: 97.538 ng
RT: 14.11 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Tgt Ion:172 Resp: 786819

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.6	19.5	29.3



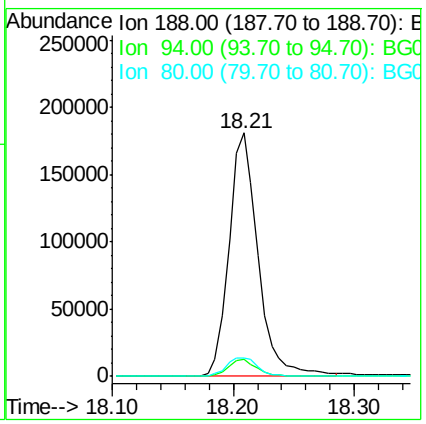


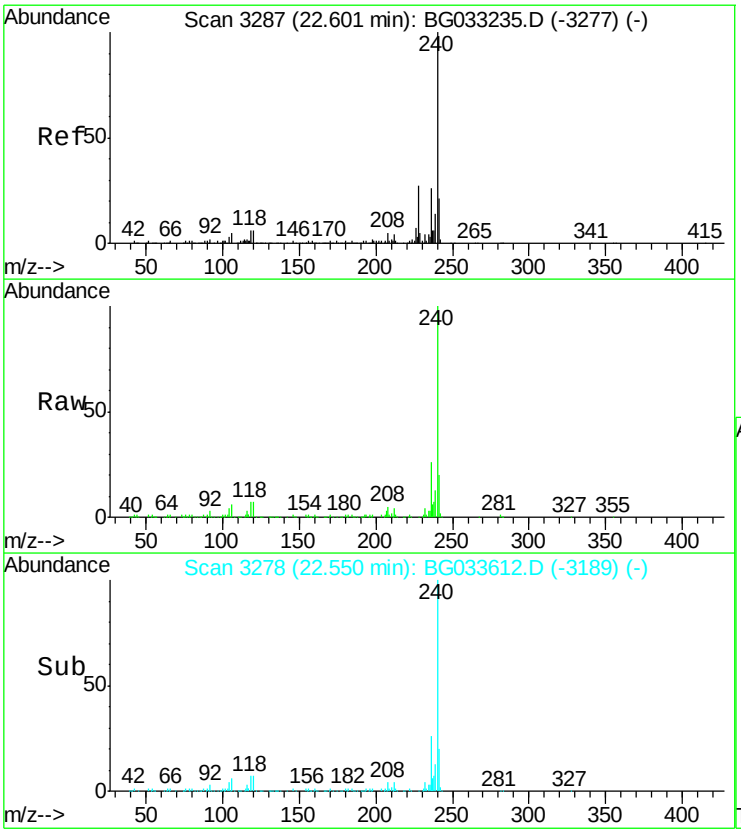
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Instrument :
BNA_G
ClientSampleId :
SP-1-B

Tgt Ion:188 Resp: 303549

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.7	7.7	11.5

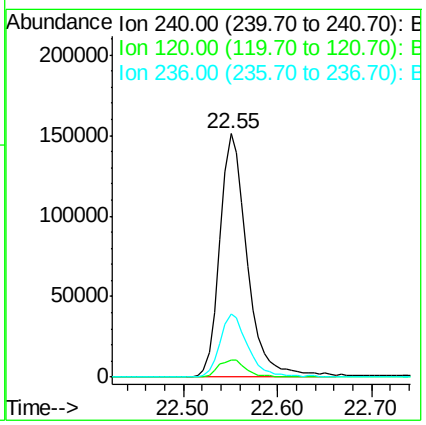


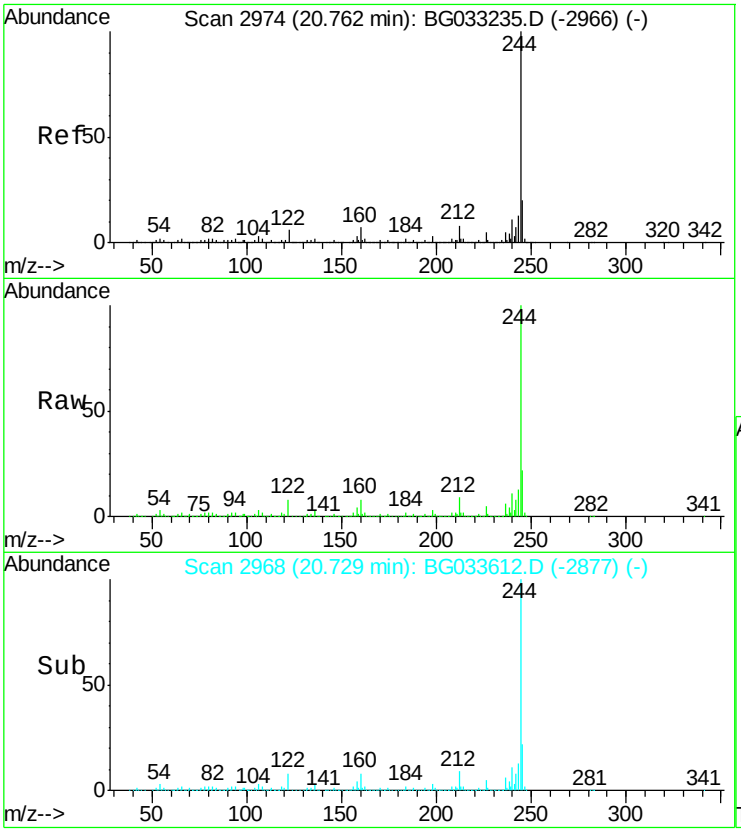


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Tgt Ion:240 Resp: 307285

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.8	10.2#
236	25.8	20.9	31.3



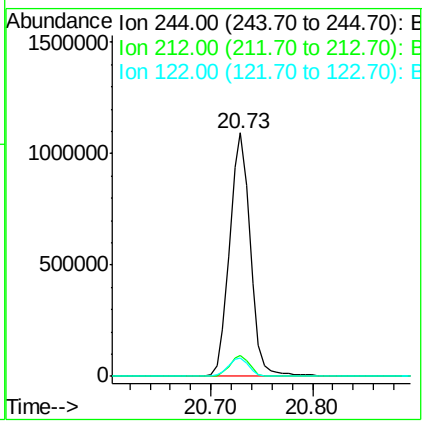


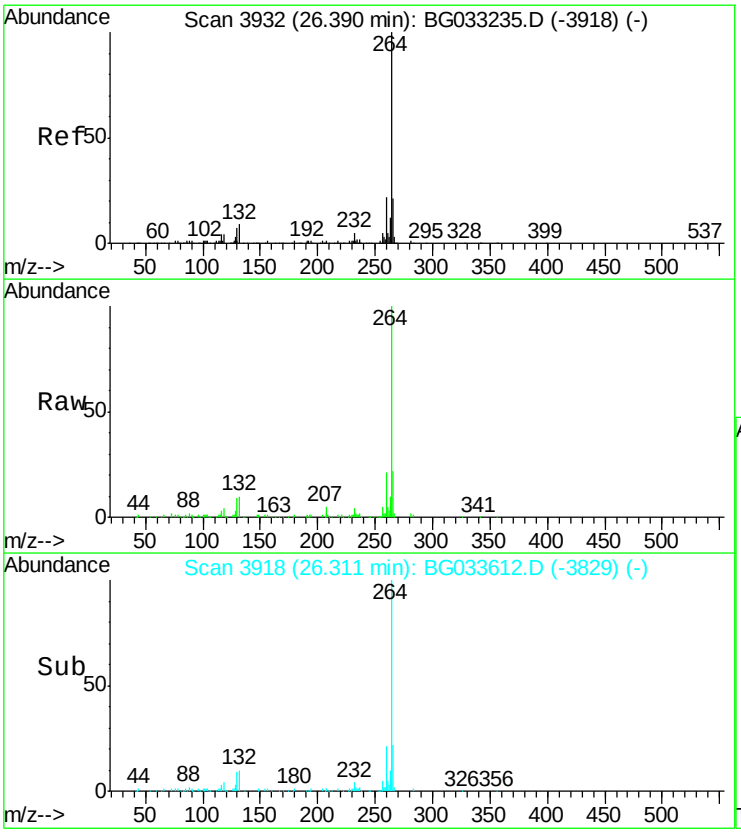
#78
Terphenyl-d14
Concen: 107.852 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Instrument :
BNA_G
ClientSampleId :
SP-1-B

Tgt Ion:244 Resp: 1549668

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.6	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: BG033612.D
Acq: 6 Apr 2018 3:44

Tgt Ion:264 Resp: 292598

Ion	Ratio	Lower	Upper
264	100		
260	20.6	17.4	26.0
265	22.1	17.7	26.5