Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
Data File : BG033633.D
Acq On : 6 Apr 2018 18:11
Operator : SJ/JU
Sample : J2164-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-01-040518

Quant Time: Apr 07 01:14:14 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	37893	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	178545	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	135623	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	325220	20.00	ng	0.00
75) Chrysene-d12	22.55	240	330154	20.00	ng	0.00
86) Perylene-d12	26.32	264	331838	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	356874	176.60	ng	0.00
7) Phenol-d6	7.98	99	485048	139.69	ng	0.00
23) Nitrobenzene-d5	10.06	82	414179	106.58	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	255674	126.05	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	995802	106.00	ng	0.00
78) Terphenyl-d14	20.73	244	1656346	107.29	ng	0.00
Target Compounds						Qvalue

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

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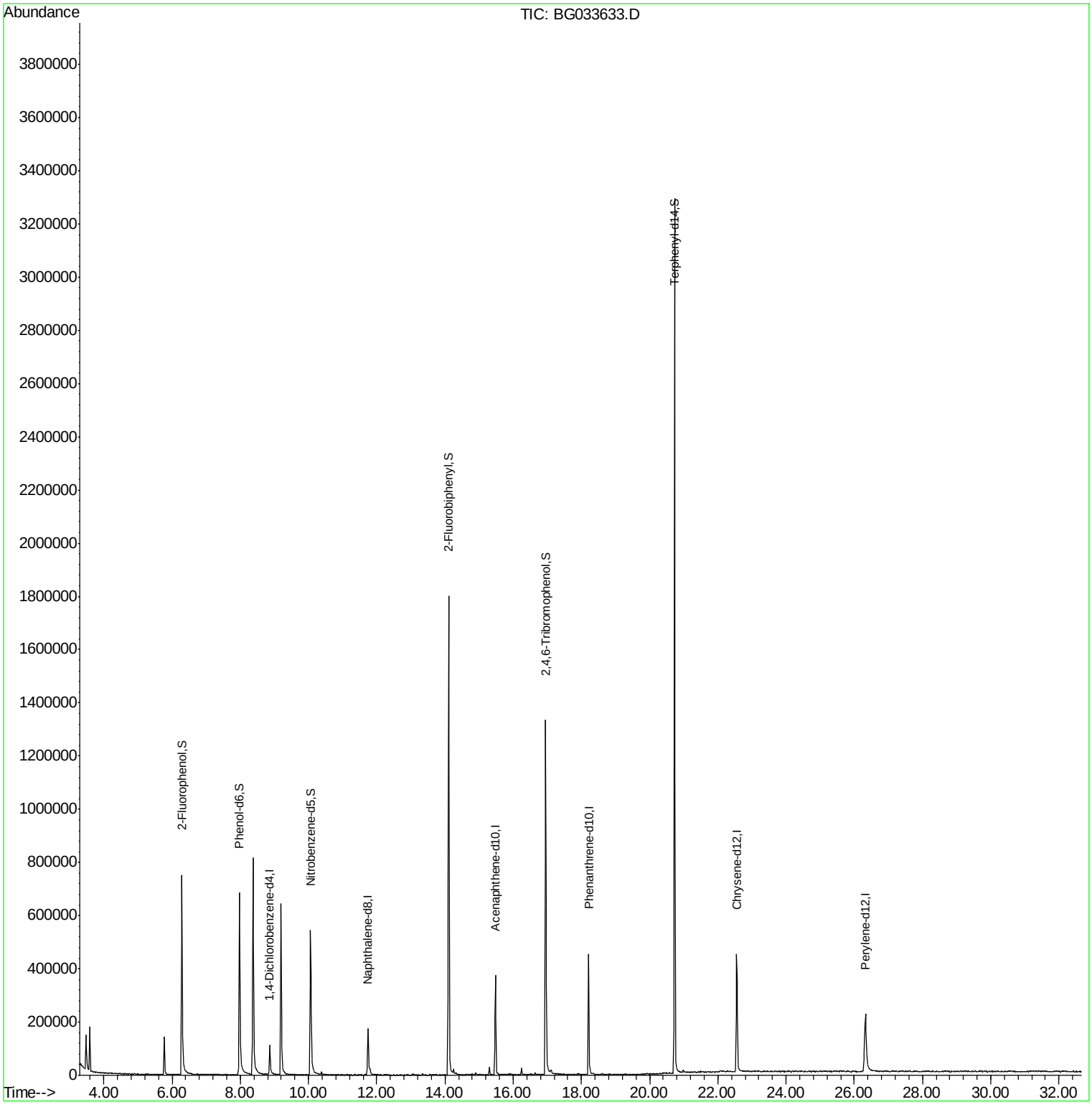
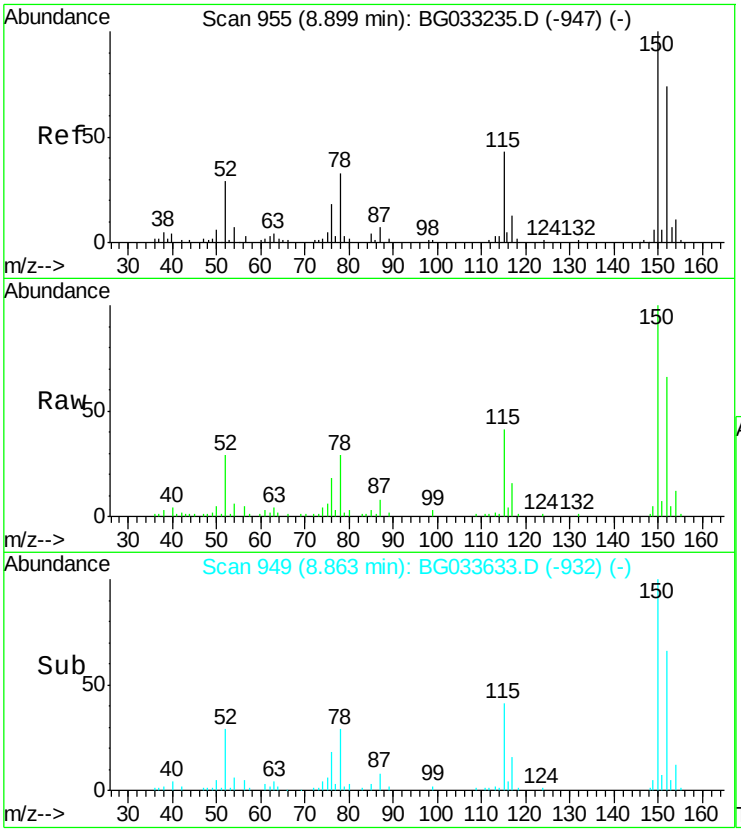


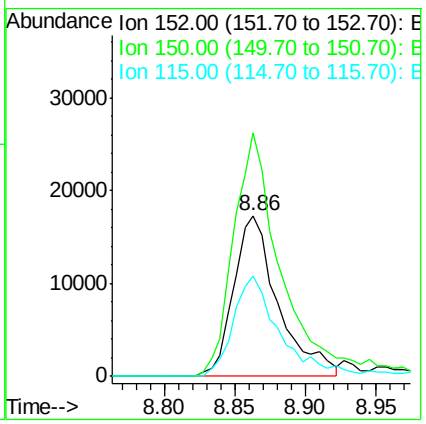


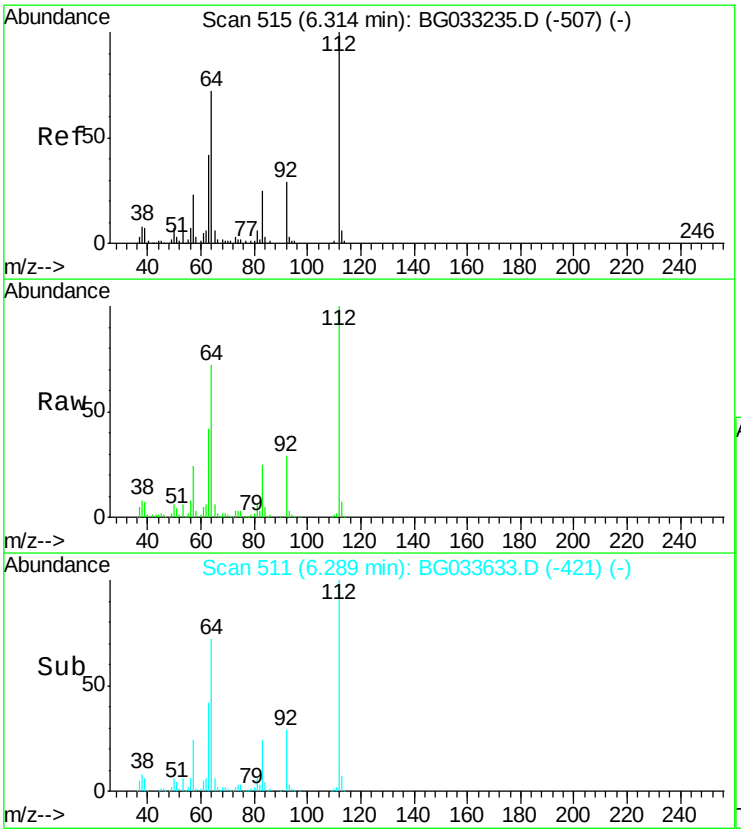
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Instrument :
BNA_G
ClientSampleId :
SA-01-040518

Tgt Ion:152 Resp: 37893

Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.6	189.8
115	62.2	53.0	79.4

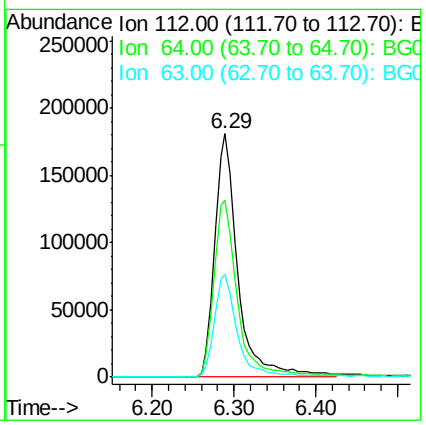


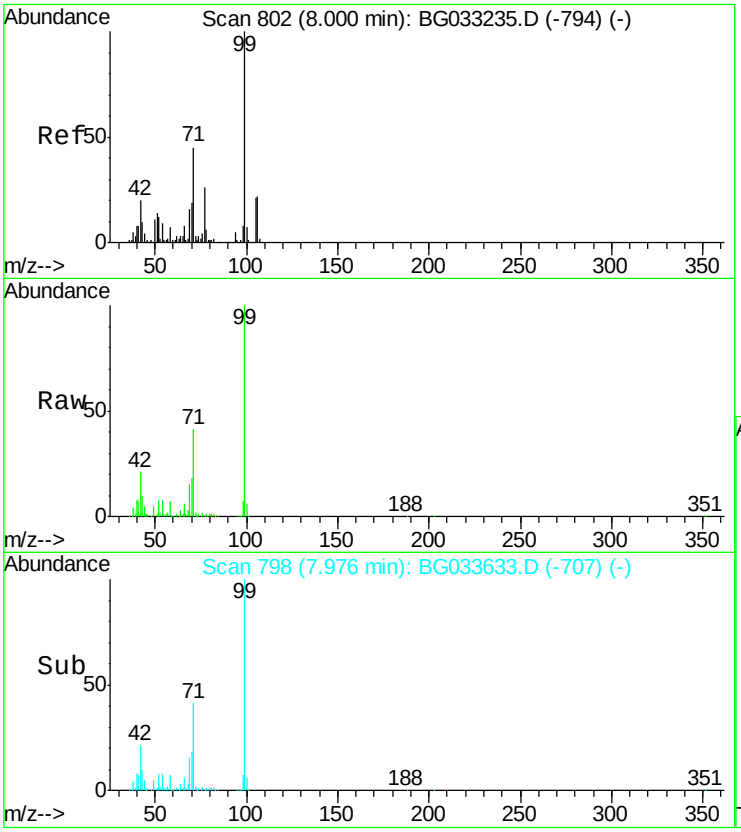


#5
2-Fluorophenol
Concen: 176.598 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Tgt Ion:112 Resp: 356874

Ion	Ratio	Lower	Upper
112	100		
64	72.5	56.3	84.5
63	42.1	30.1	45.1



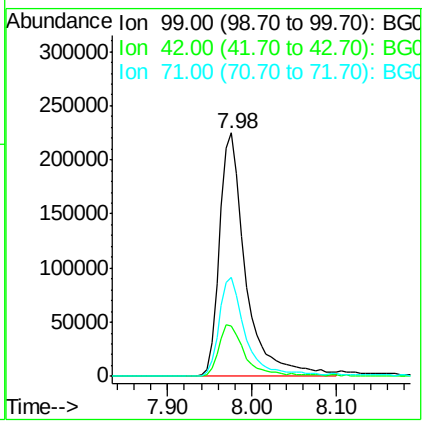


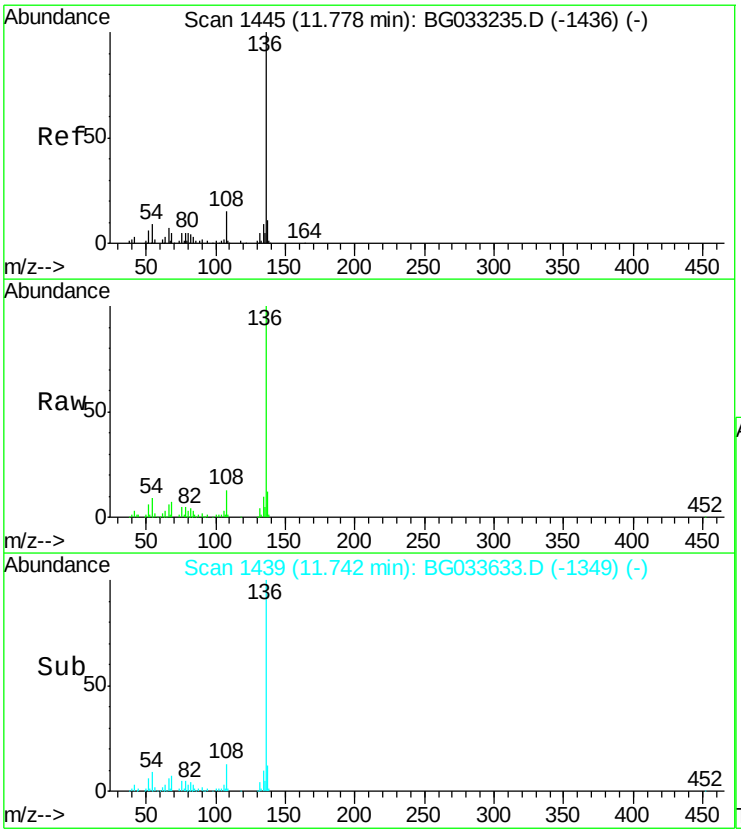
#7
Phenol-d6
Concen: 139.695 ng
RT: 7.98 min Scan# 798
Delta R.T. 0.01 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Instrument :
BNA_G
ClientSampleId :
SA-01-040518

Tgt Ion: 99 Resp: 485048

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.1	21.1
71	40.9	26.1	39.1#

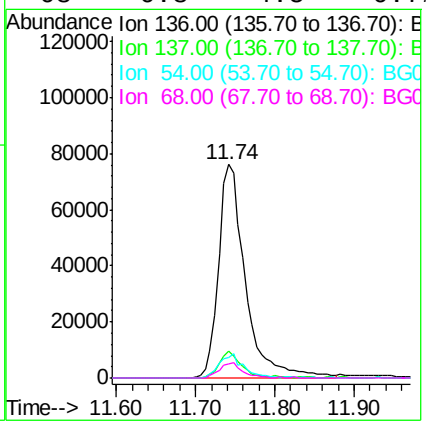


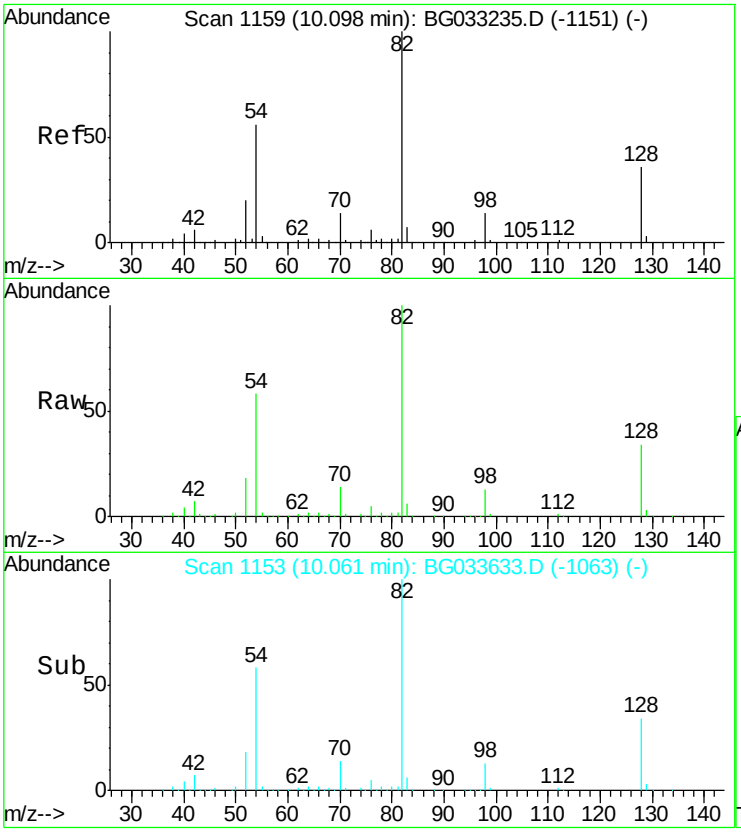


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Tgt Ion:136 Resp: 178545

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	9.8	10.3	15.5#
68	6.8	4.5	6.7#



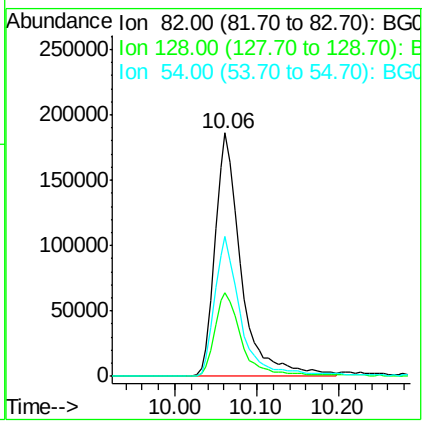


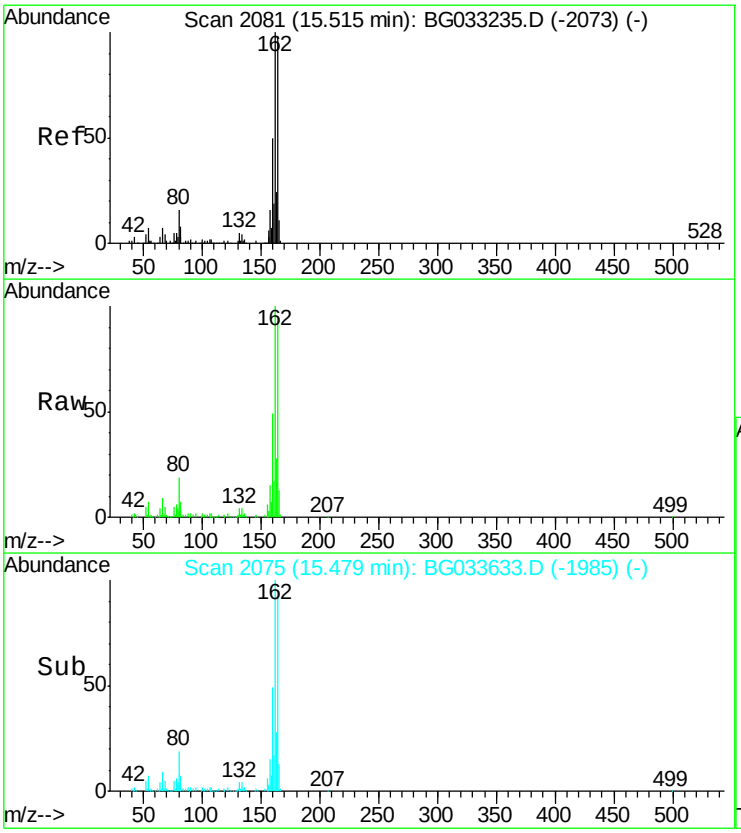
#23
Nitrobenzene-d5
Concen: 106.579 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Instrument :
BNA_G
ClientSampleId :
SA-01-040518

Tgt Ion: 82 Resp: 414179

Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	57.6	43.1	64.7

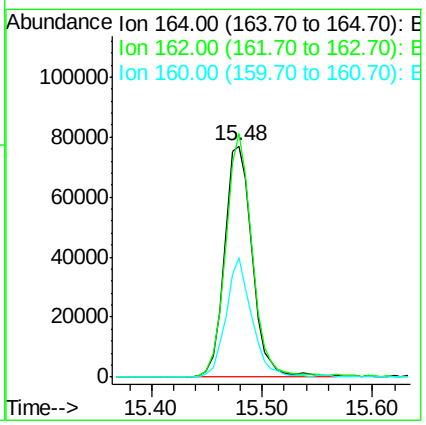


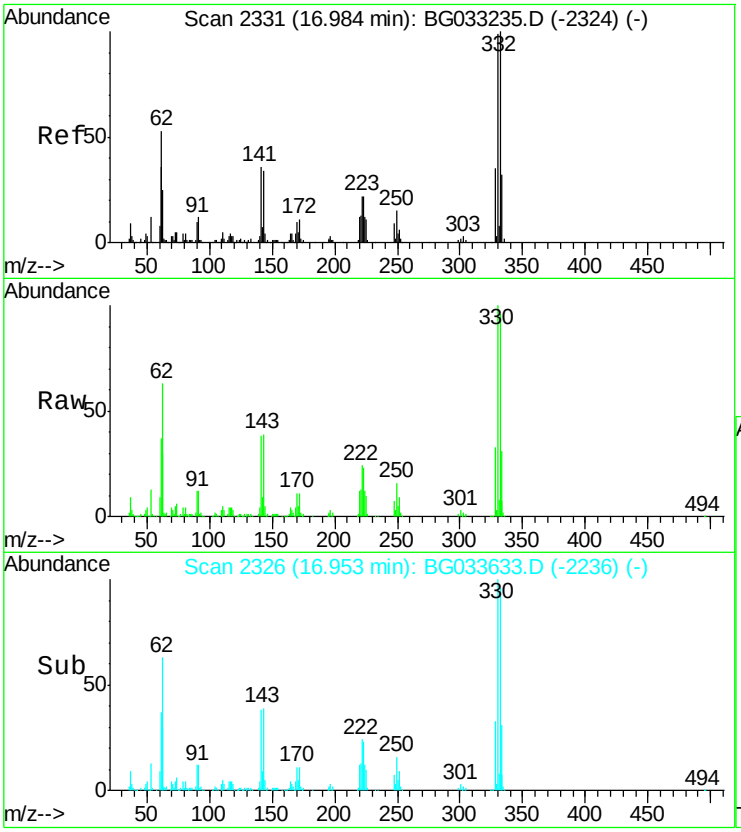


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Tgt Ion:164 Resp: 135623

Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	51.8	35.4	53.0



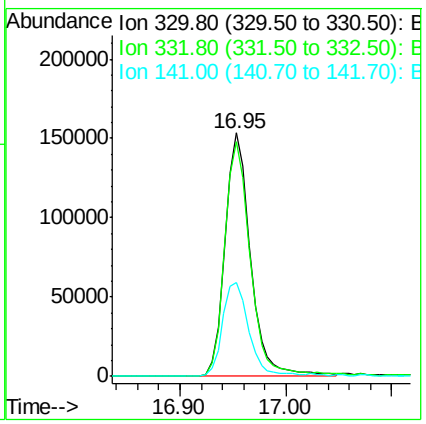


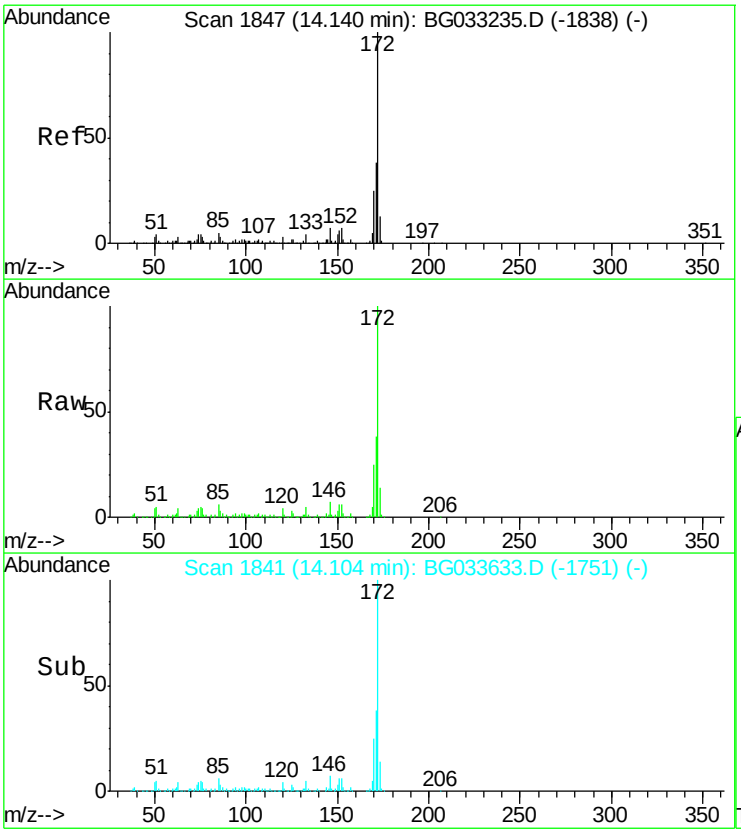
#41
2,4,6-Tribromophenol
Concen: 126.047 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Instrument :
BNA_G
ClientSampleId :
SA-01-040518

Tgt Ion:330 Resp: 255674

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	40.3	25.2	37.8#

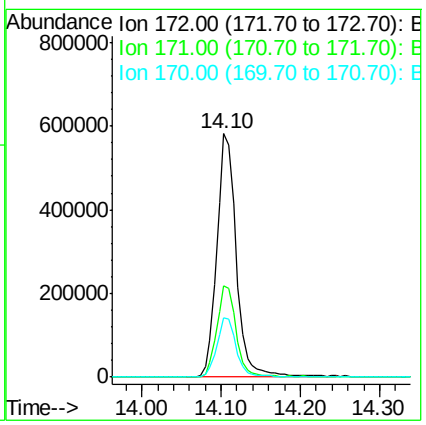


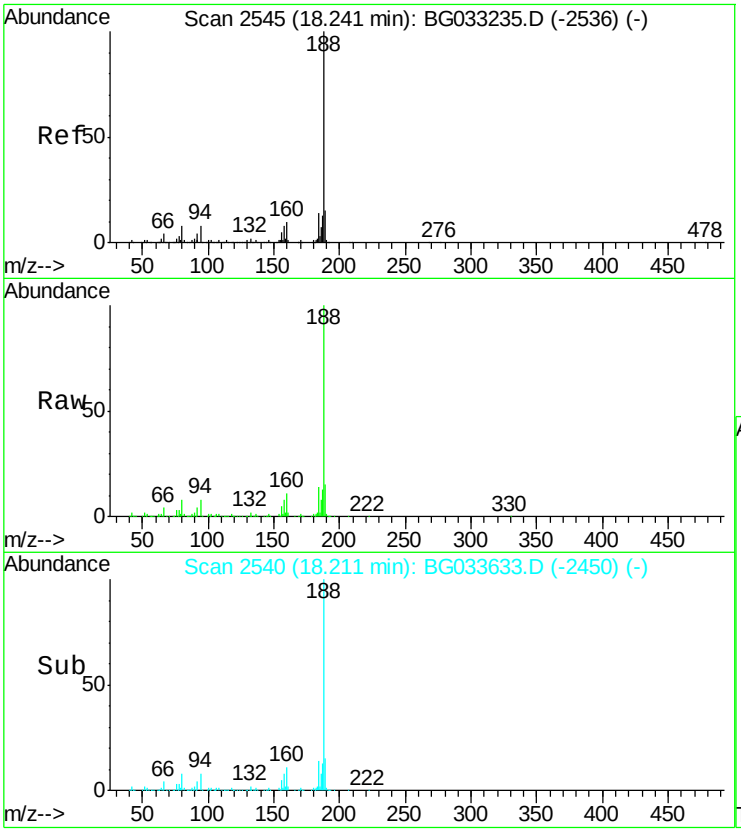


#44
2-Fluorobiphenyl
Concen: 105.998 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Tgt Ion:172 Resp: 995802

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.5	19.5	29.3



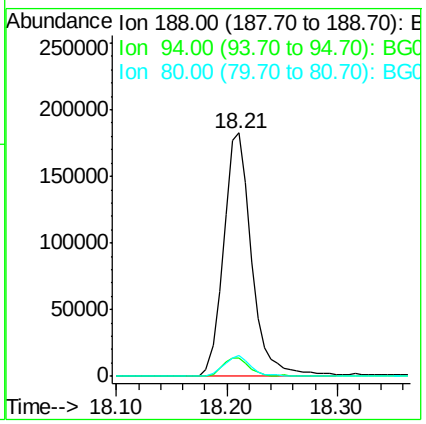


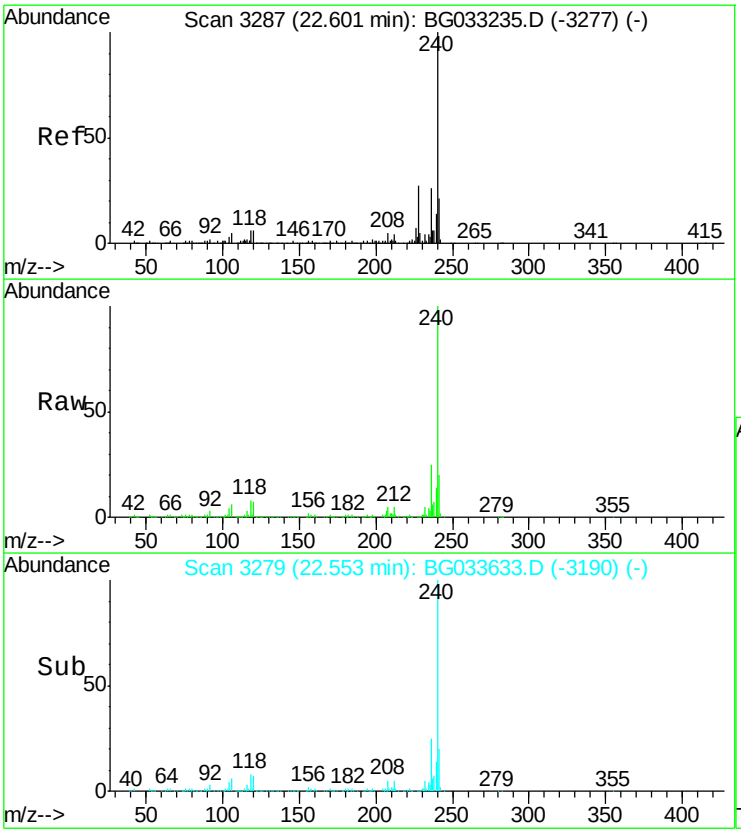
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Instrument :
BNA_G
ClientSampleId :
SA-01-040518

Tgt Ion:188 Resp: 325220

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.4	7.7	11.5

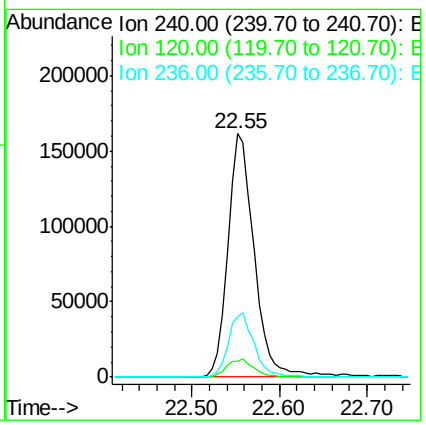


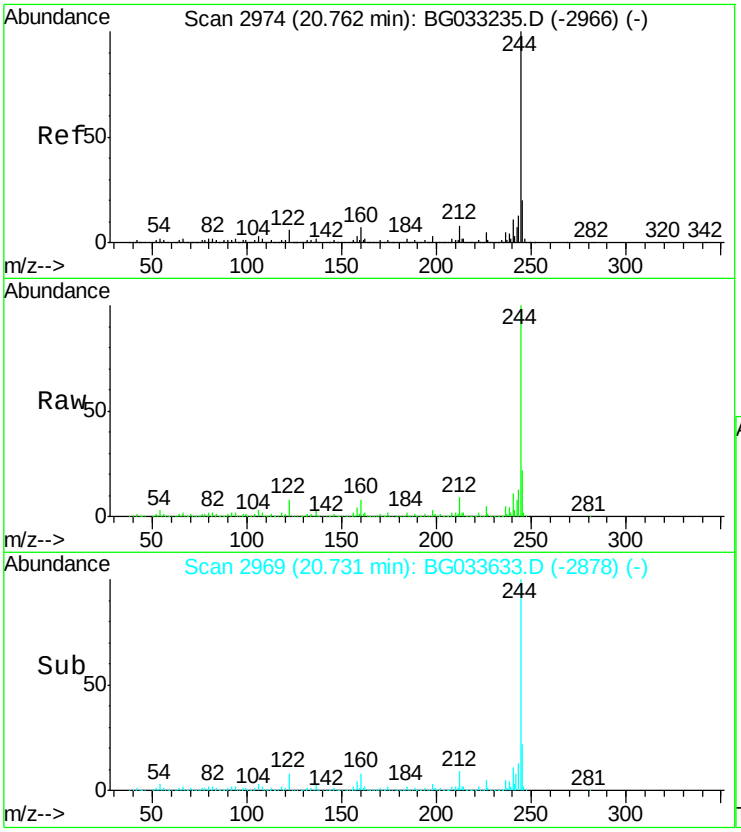


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Tgt Ion:240 Resp: 330154

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.8	10.2#
236	25.0	20.9	31.3



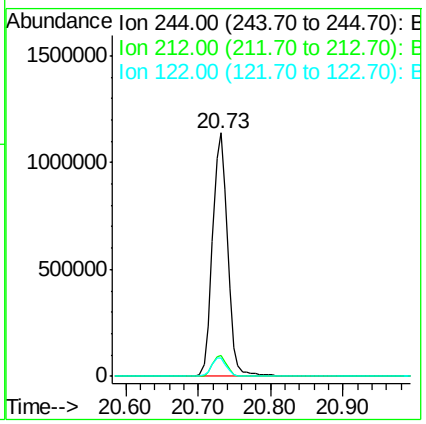


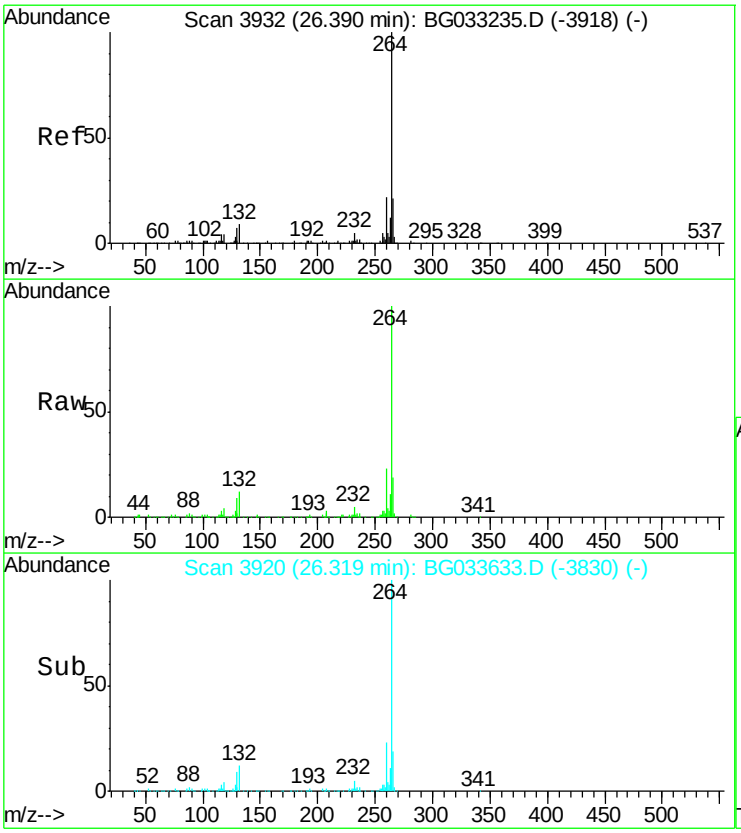
#78
Terphenyl-d14
Concen: 107.292 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.01 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Instrument :
BNA_G
ClientSampleId :
SA-01-040518

Tgt Ion:244 Resp: 1656346

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.00 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Tgt Ion:264 Resp: 331838

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	18.8	17.7	26.5