Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033541.D
Acq On : 4 Apr 2018 2:36
Operator : SJ/JU
Sample : J1757-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-03-033018-B

Quant Time: Apr 04 04:40:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 14:50:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28718	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	128863	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	109937	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	317692	20.00	ng	0.00
75) Chrysene-d12	22.56	240	336499	20.00	ng	0.00
86) Perylene-d12	26.33	264	306409	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	249444	162.87	ng	0.00
7) Phenol-d6	7.98	99	343131	130.39	ng	0.00
23) Nitrobenzene-d5	10.06	82	273465	97.50	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	231333	140.69	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	678316	89.07	ng	0.00
78) Terphenyl-d14	20.73	244	1465404	93.13	ng	0.00
Target Compounds						Qvalue

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

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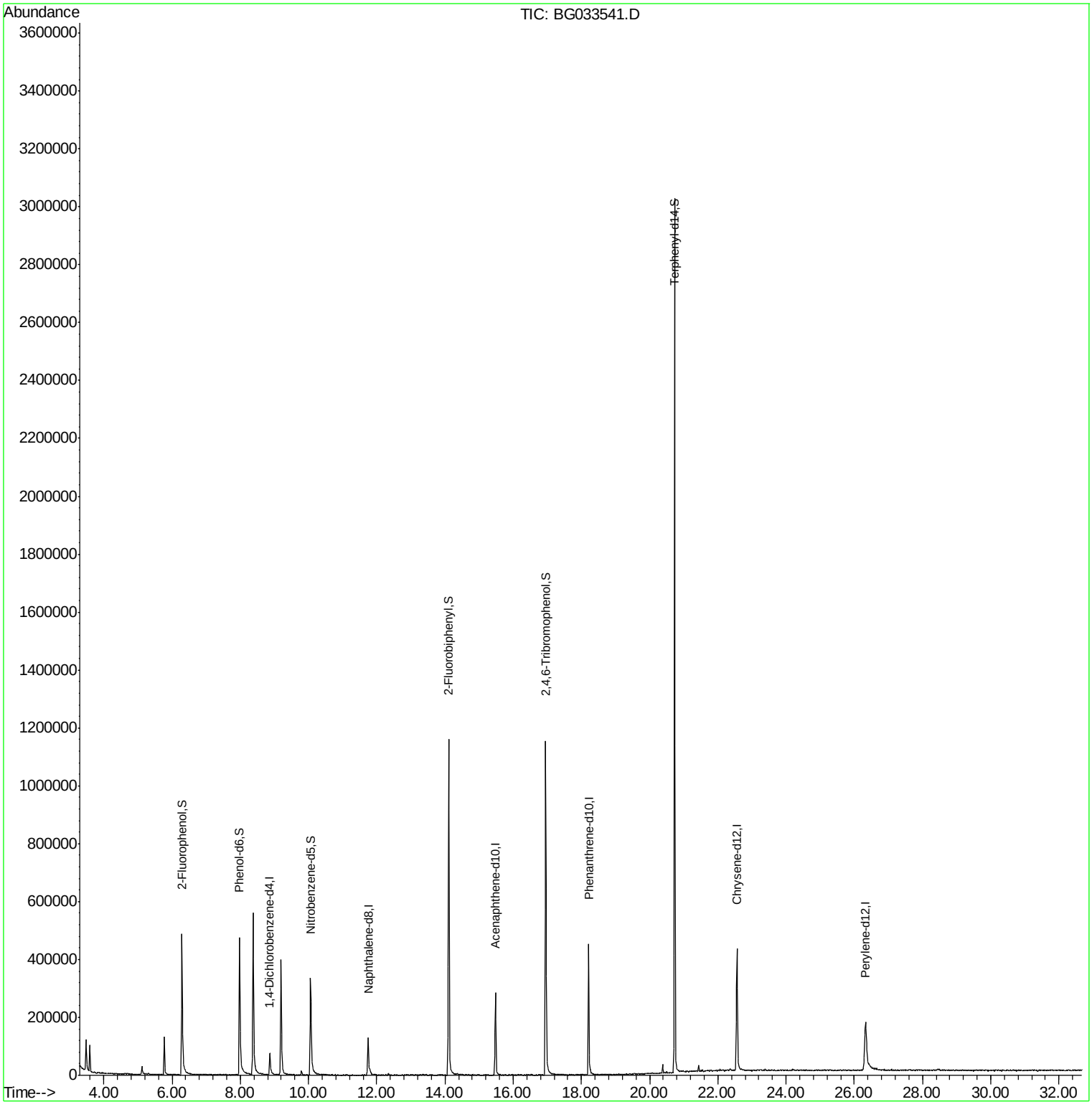
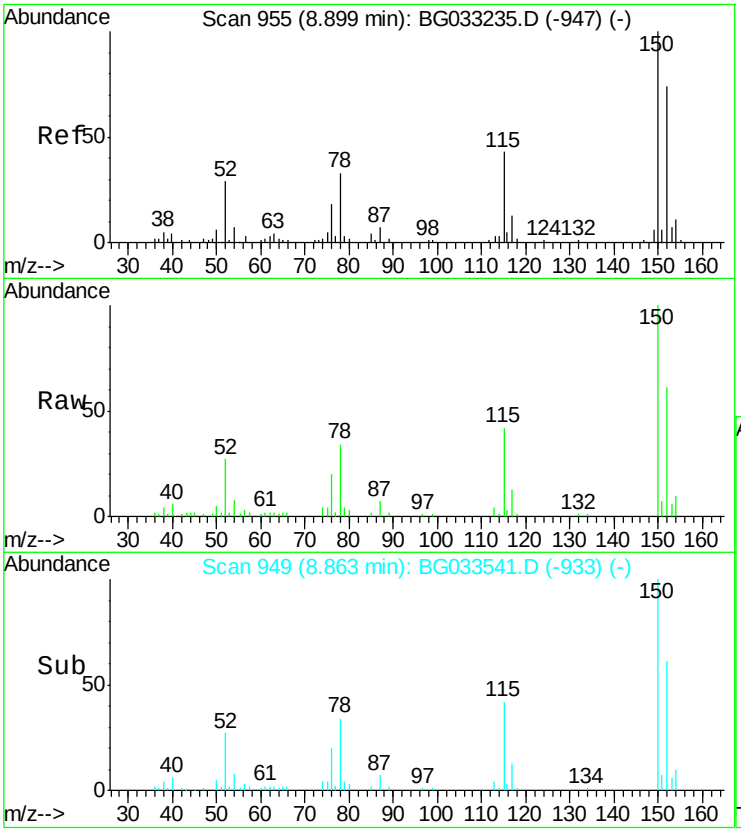


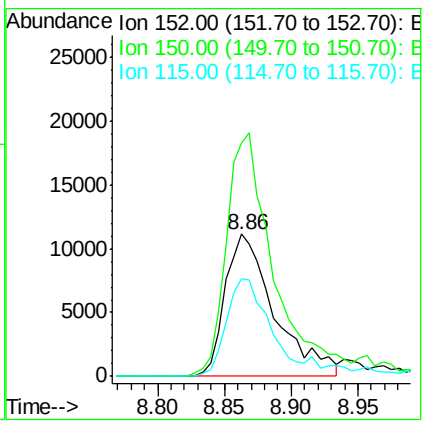


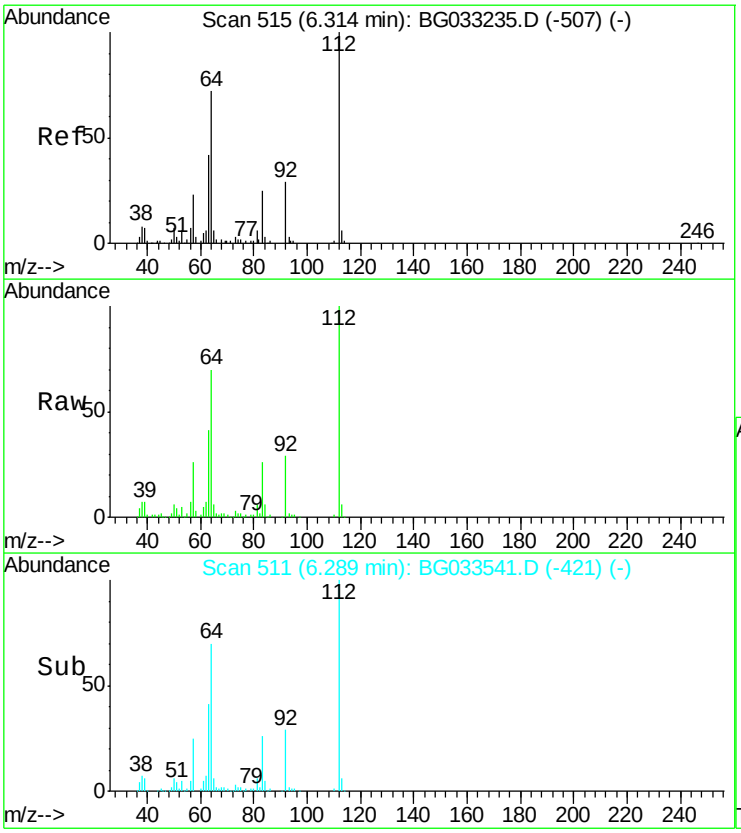
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033541.D
Acq: 4 Apr 2018 2:36

Instrument :
BNA_G
ClientSampleId :
EO-03-033018-B

Tgt Ion:152 Resp: 28718

Ion	Ratio	Lower	Upper
152	100		
150	164.7	126.6	189.8
115	68.7	53.0	79.4

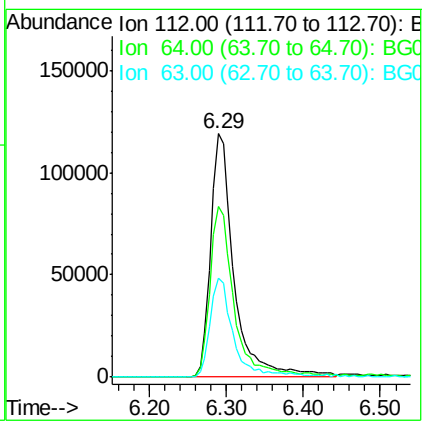


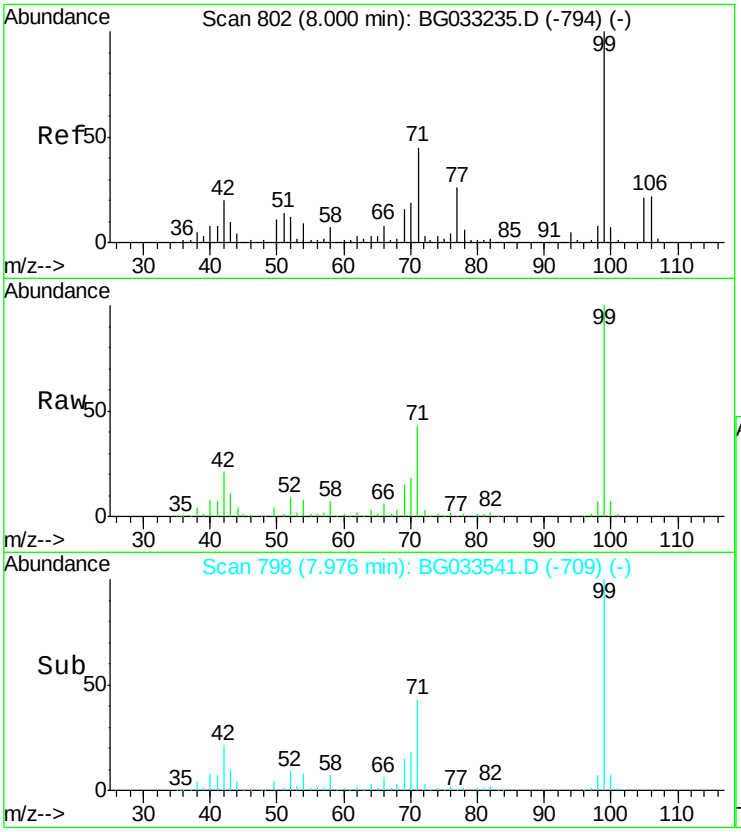


#5
2-Fluorophenol
Concen: 162.873 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033541.D
Acq: 4 Apr 2018 2:36

Tgt Ion:112 Resp: 249444

Ion	Ratio	Lower	Upper
112	100		
64	70.0	56.3	84.5
63	40.9	30.1	45.1



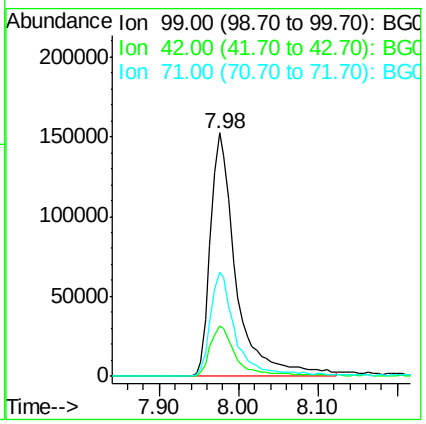


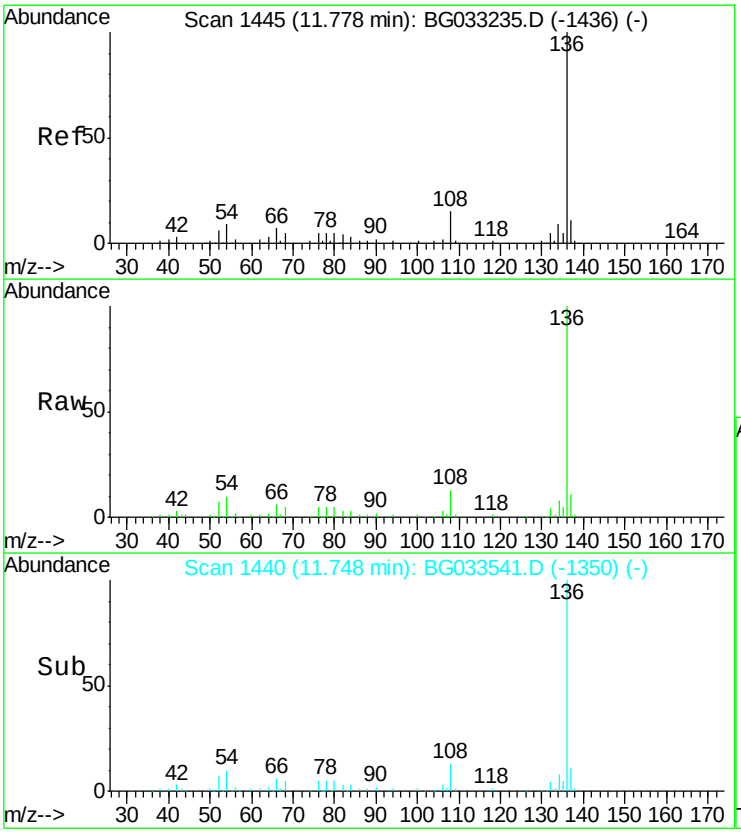
#7
Phenol-d6
Concen: 130.395 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG033541.D
Acq: 4 Apr 2018 2:36

Instrument :
BNA_G
ClientSampleId :
EO-03-033018-B

Tgt Ion: 99 Resp: 343131

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.1	21.1
71	42.8	26.1	39.1#

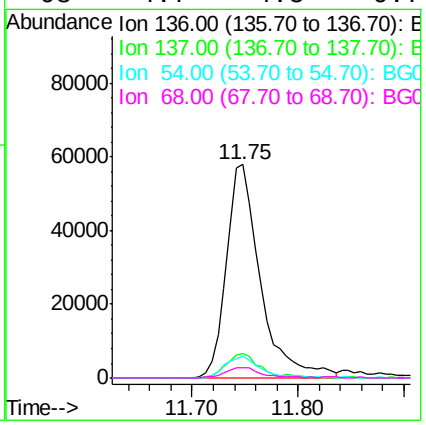


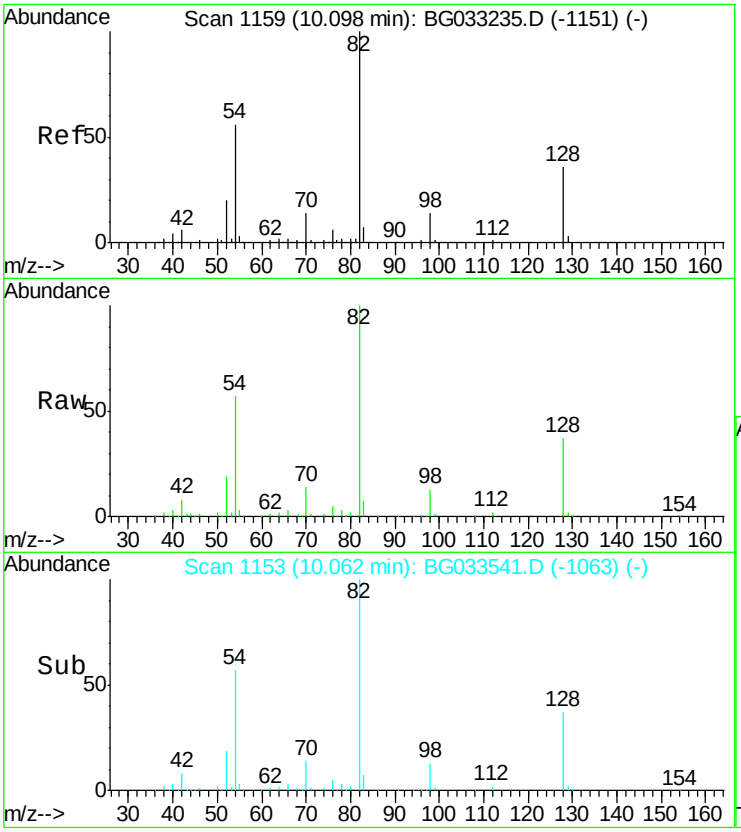


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033541.D
Acq: 4 Apr 2018 2:36

Tgt Ion:136 Resp: 128863

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	10.5	10.3	15.5
68	4.7	4.5	6.7



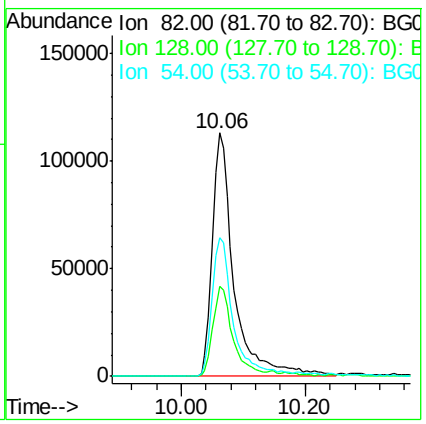


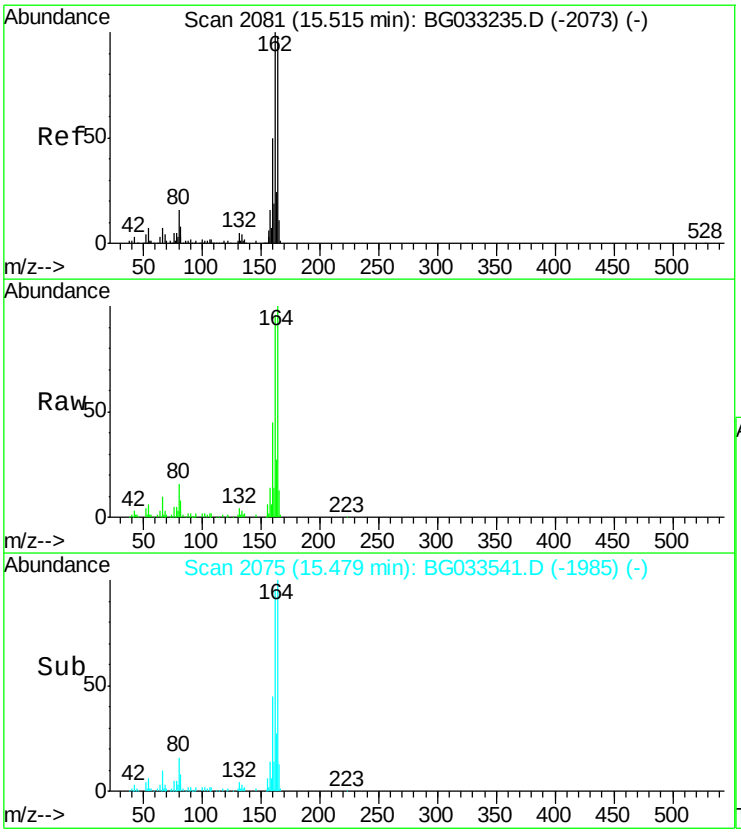
#23
Nitrobenzene-d5
Concen: 97.500 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033541.D
Acq: 4 Apr 2018 2:36

Instrument :
BNA_G
ClientSampleId :
EO-03-033018-B

Tgt Ion: 82 Resp: 273465

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.7	44.5
54	56.9	43.1	64.7

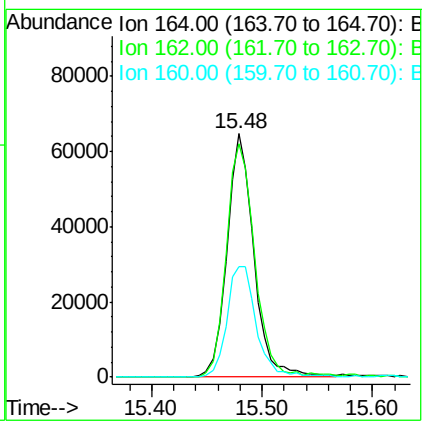


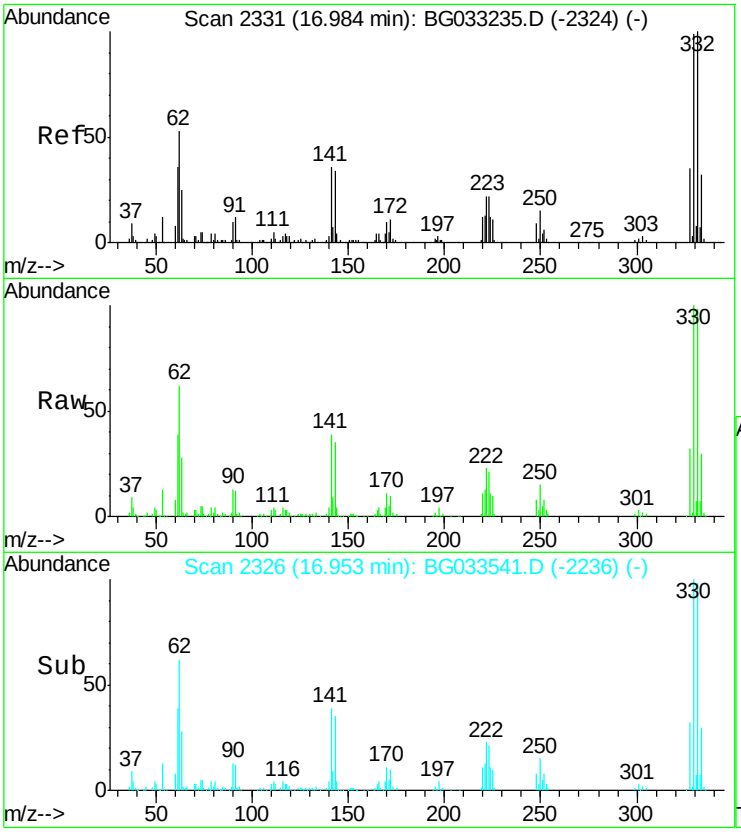


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG033541.D
Acq: 4 Apr 2018 2:36

Tgt Ion:164 Resp: 109937

Ion	Ratio	Lower	Upper
164	100		
162	95.7	78.8	118.2
160	45.3	35.4	53.0



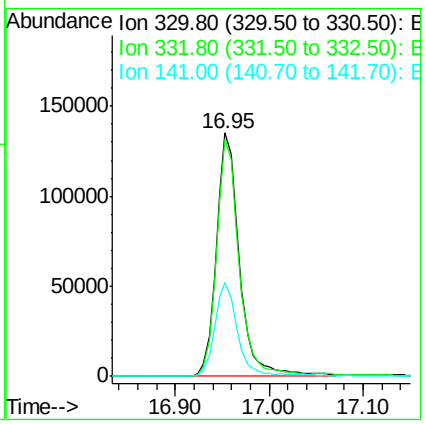


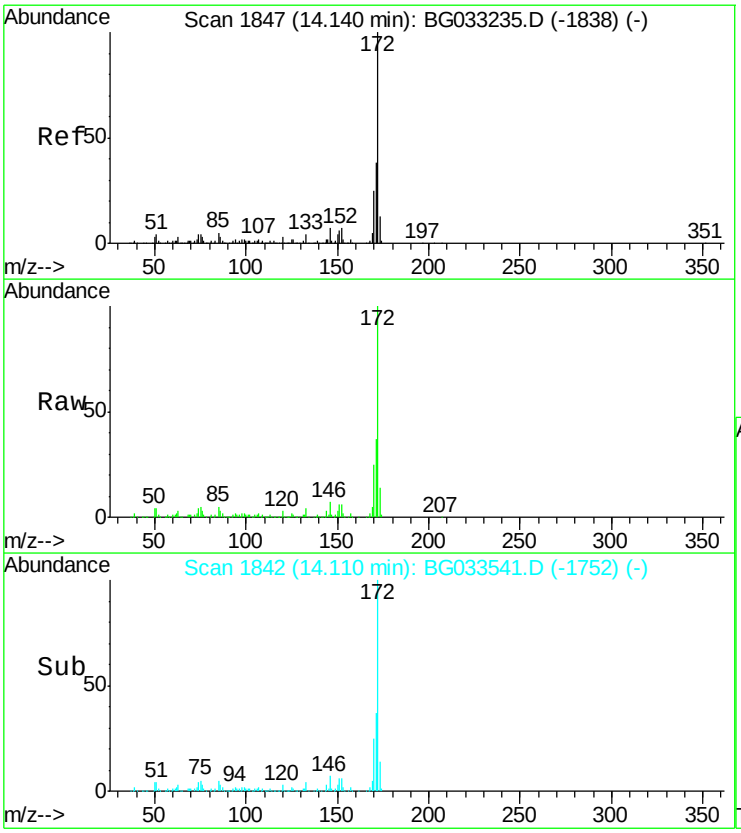
#41
2,4,6-Tribromophenol
Concen: 140.693 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033541.D
Acq: 4 Apr 2018 2:36

Instrument :
BNA_G
ClientSampleId :
EO-03-033018-B

Tgt Ion:330 Resp: 231333

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	37.8	25.2	37.8

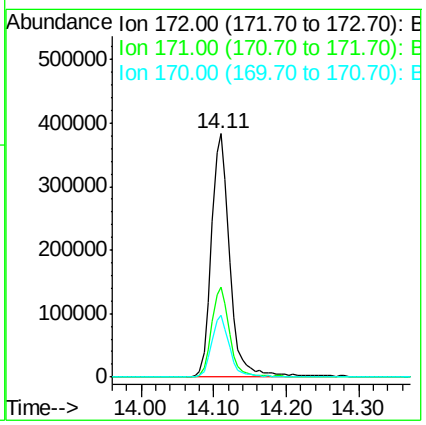


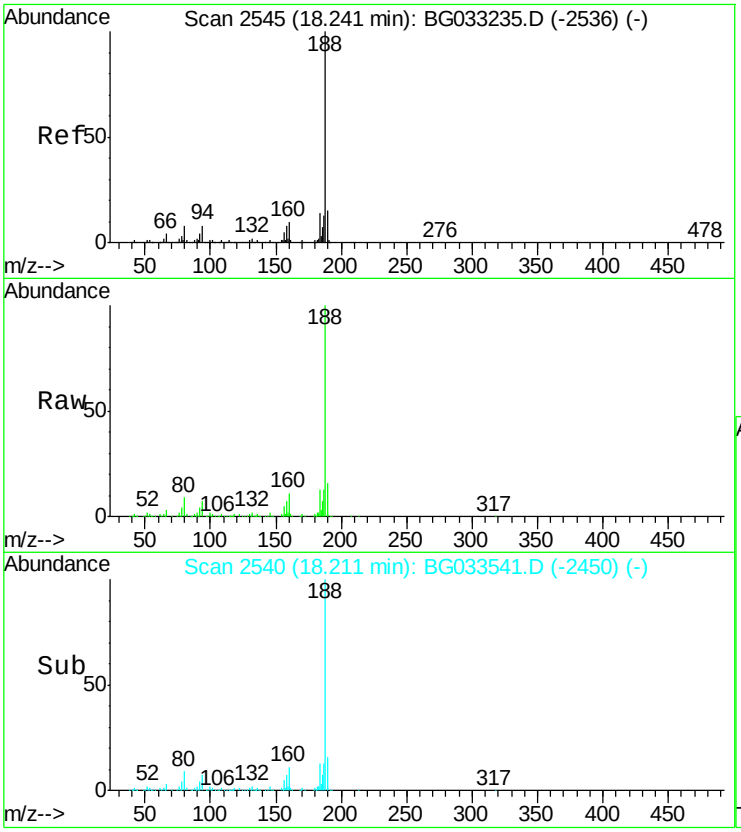


#44
2-Fluorobiphenyl
Concen: 89.073 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033541.D
Acq: 4 Apr 2018 2:36

Tgt Ion:172 Resp: 678316

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	25.2	19.5	29.3



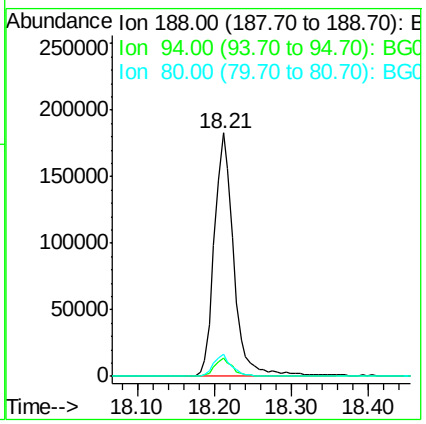


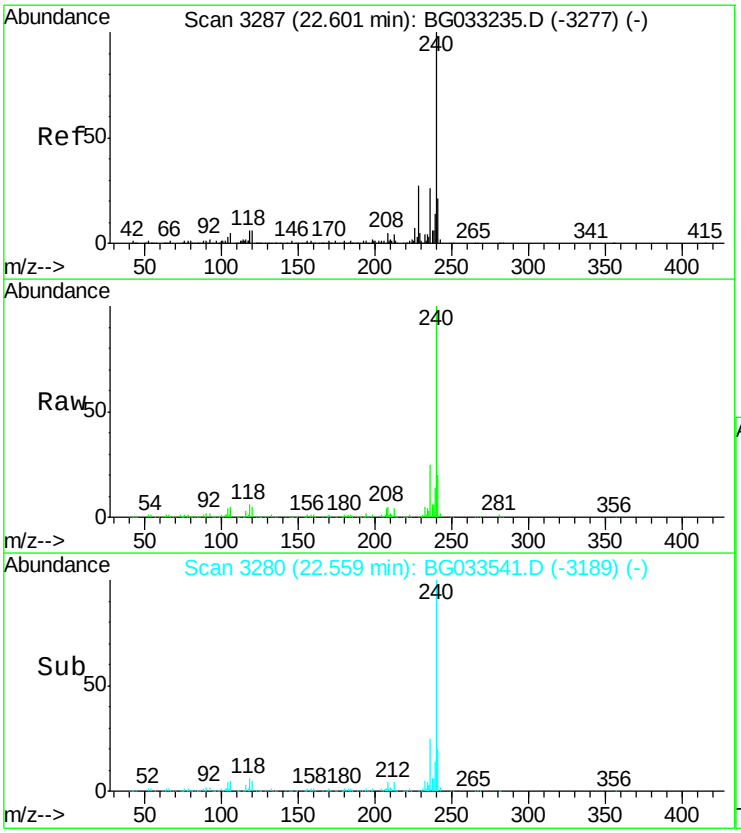
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033541.D
Acq: 4 Apr 2018 2:36

Instrument :
BNA_G
ClientSampleId :
EO-03-033018-B

Tgt Ion:188 Resp: 317692

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	9.2	7.7	11.5

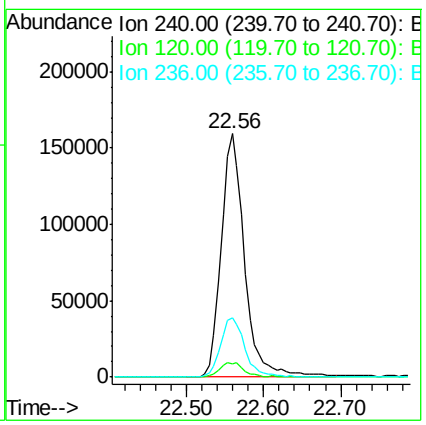


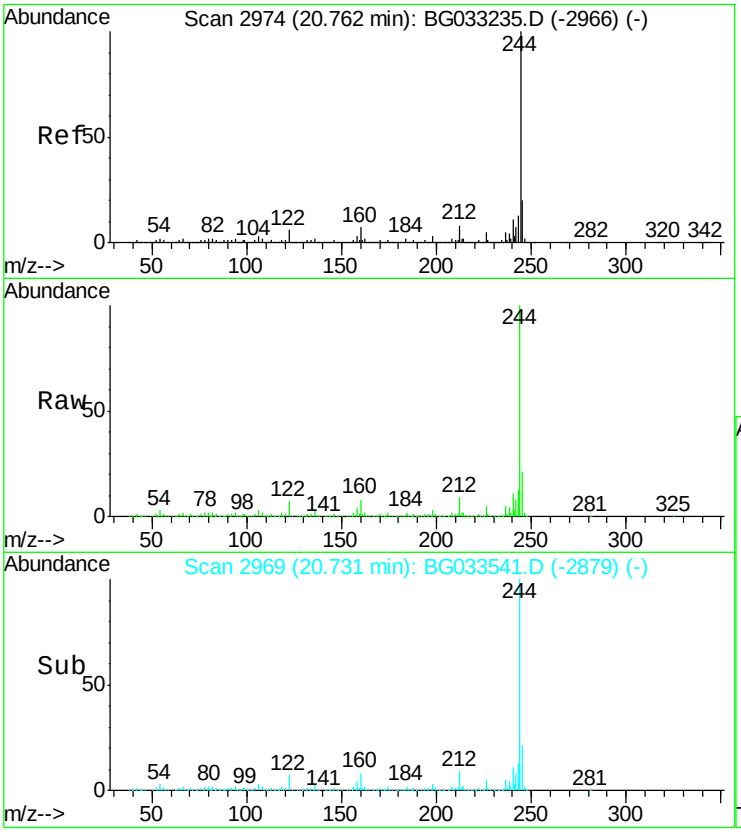


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. 0.01 min
Lab File: BG033541.D
Acq: 4 Apr 2018 2:36

Tgt Ion:240 Resp: 336499

Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	24.5	20.9	31.3



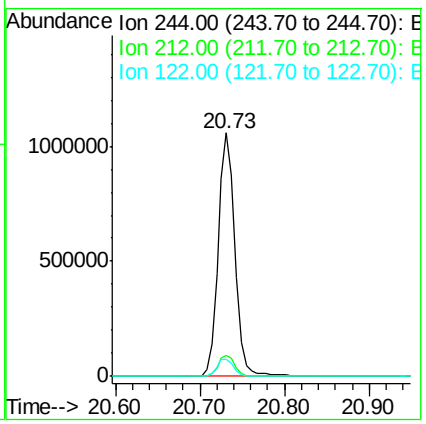


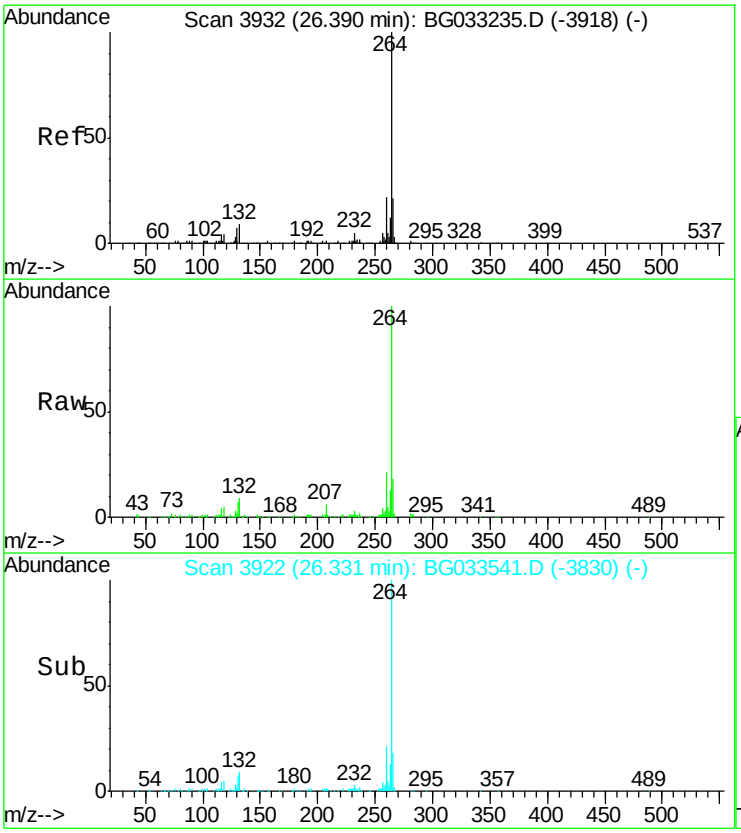
#78
Terphenyl-d14
Concen: 93.133 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033541.D
Acq: 4 Apr 2018 2:36

Instrument :
BNA_G
ClientSampleId :
EO-03-033018-B

Tgt Ion:244 Resp: 1465404

Ion	Ratio	Lower	Upper
244	100		
212	8.5	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. 0.01 min
Lab File: BG033541.D
Acq: 4 Apr 2018 2:36

Tgt Ion:264 Resp: 306409

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.4	26.0
265	18.1	17.7	26.5