Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033313.D
Acq On : 23 Mar 2018 4:28
Operator : SJ/JU
Sample : J1997-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DGA-TOP-LAYER-1-B

Quant Time: Mar 23 05:34:44 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 17:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35511	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	153853	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	121336	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	343380	20.00	ng	0.00
75) Chrysene-d12	22.59	240	333194	20.00	ng	0.00
86) Perylene-d12	26.39	264	335814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	320237	169.10	ng	0.00
7) Phenol-d6	7.99	99	461503	141.83	ng	0.00
23) Nitrobenzene-d5	10.09	82	351780	105.05	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	264795	145.91	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	858811	102.18	ng	0.00
78) Terphenyl-d14	20.76	244	1713939	110.01	ng	0.00
Target Compounds						Qvalue

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

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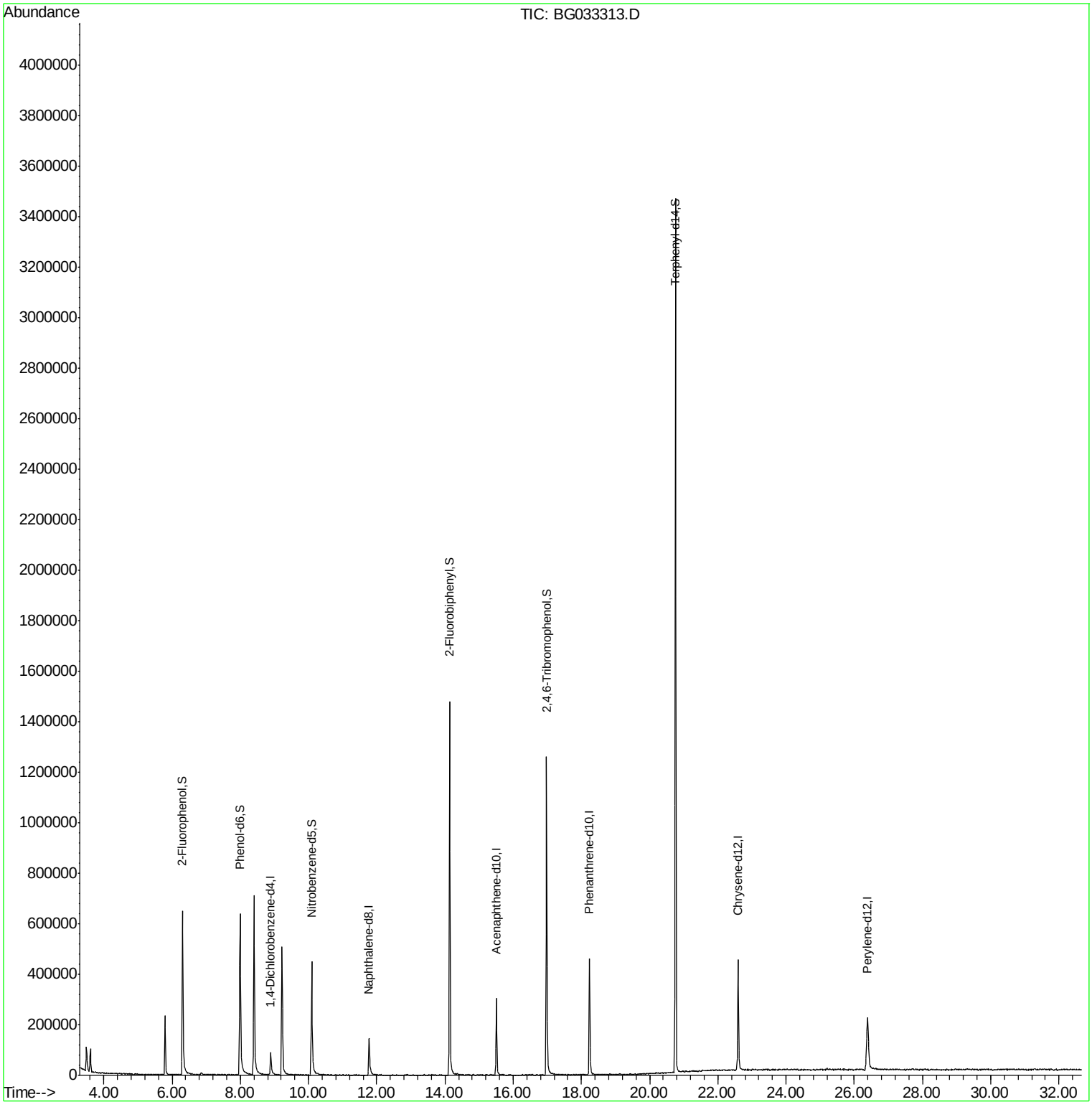
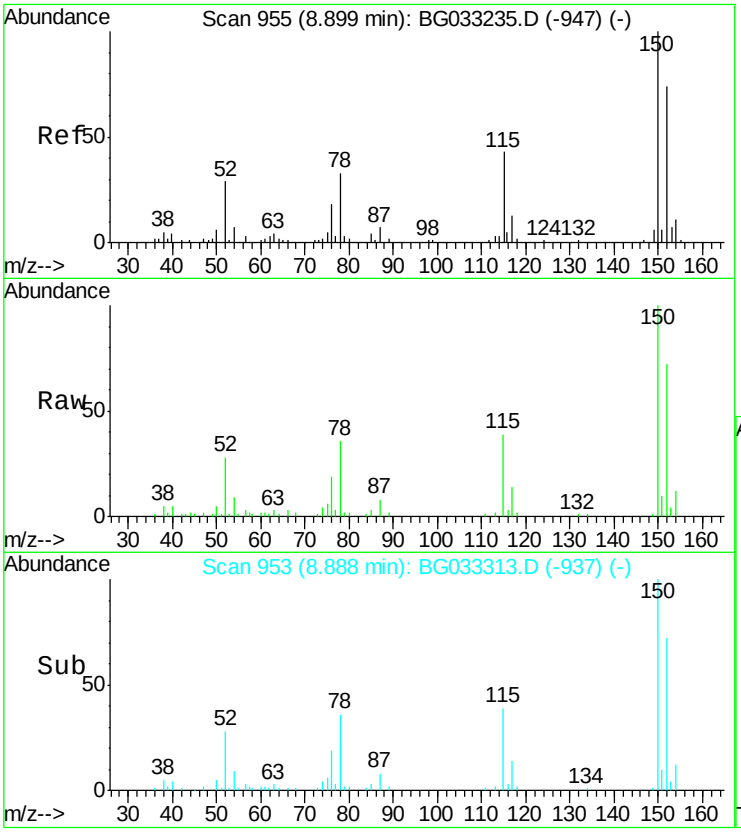


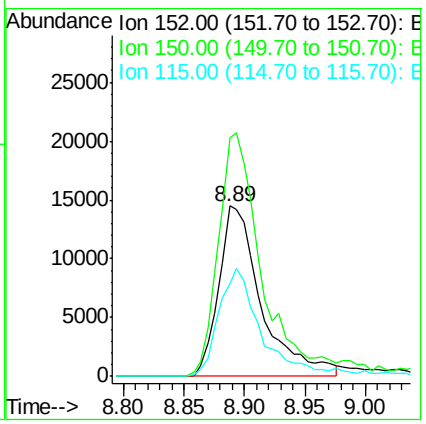


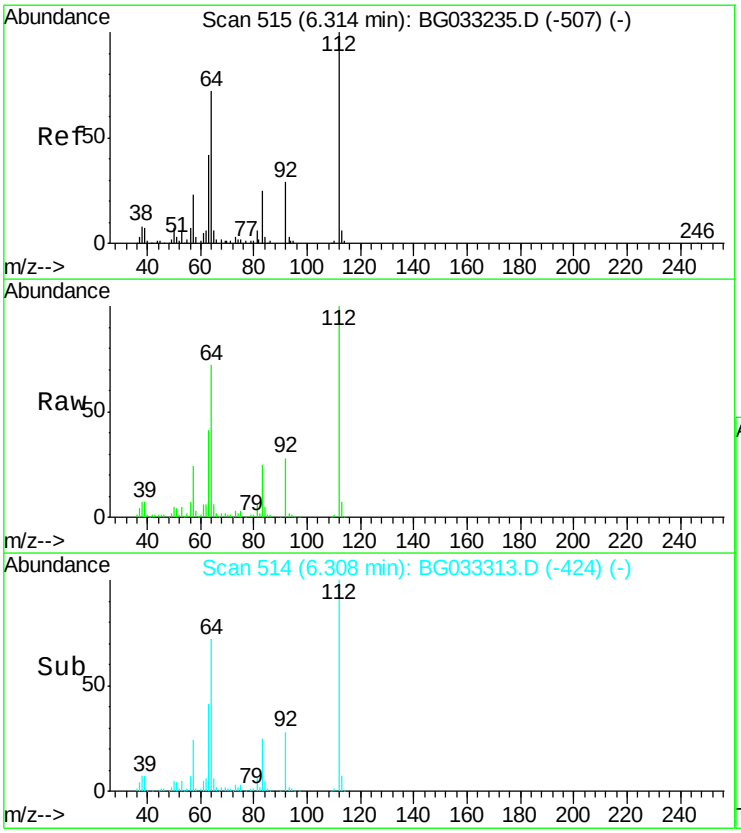
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Instrument :
BNA_G
ClientSampleId :
DGA-TOP-LAYER-1-B

Tgt Ion:152 Resp: 35511

Ion	Ratio	Lower	Upper
152	100		
150	139.8	126.6	189.8
115	54.1	53.0	79.4

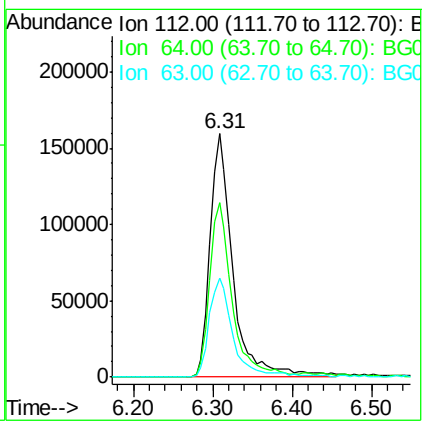


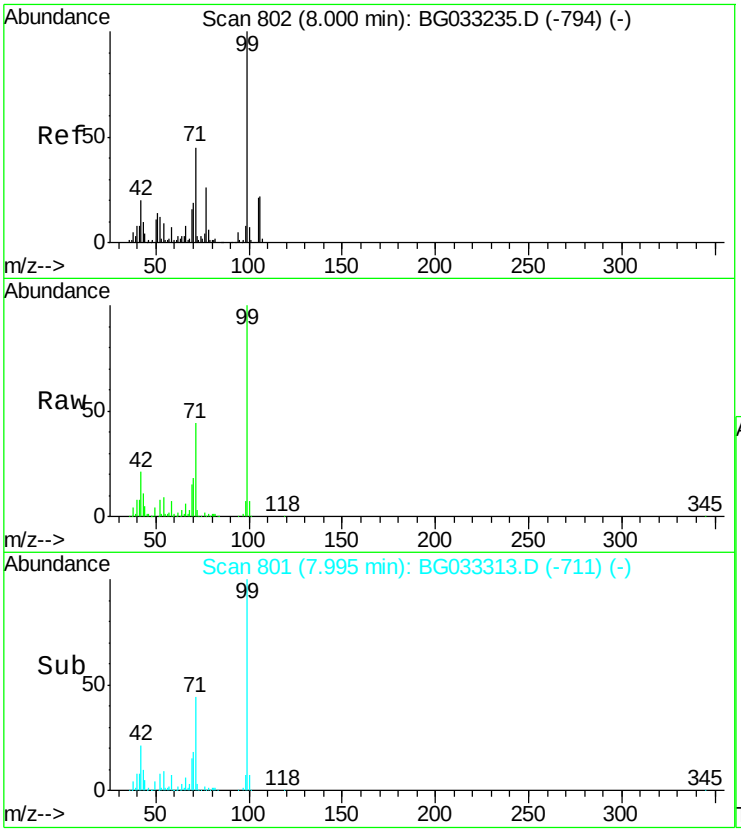


#5
2-Fluorophenol
Concen: 169.098 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Tgt Ion:112 Resp: 320237

Ion	Ratio	Lower	Upper
112	100		
64	71.6	56.3	84.5
63	40.9	30.1	45.1



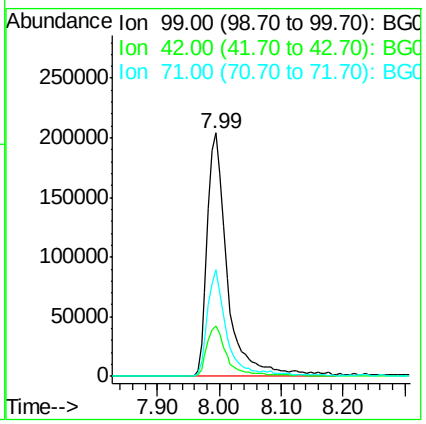


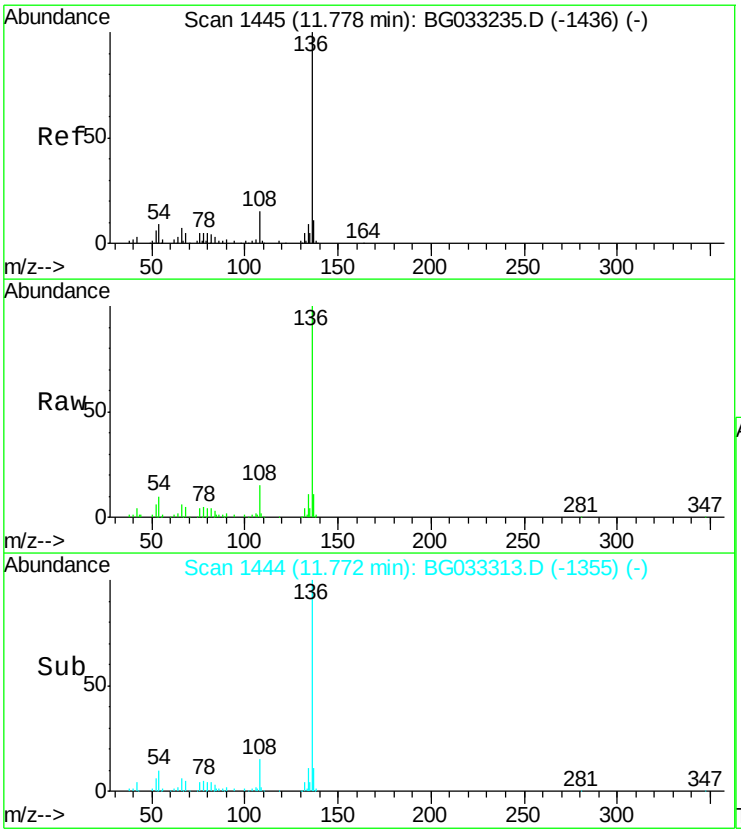
#7
Phenol-d6
Concen: 141.829 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Instrument :
BNA_G
ClientSampleId :
DGA-TOP-LAYER-1-B

Tgt Ion: 99 Resp: 461503

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.1	21.1
71	43.8	26.1	39.1#

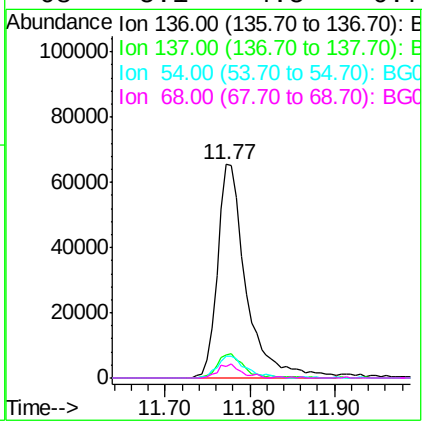


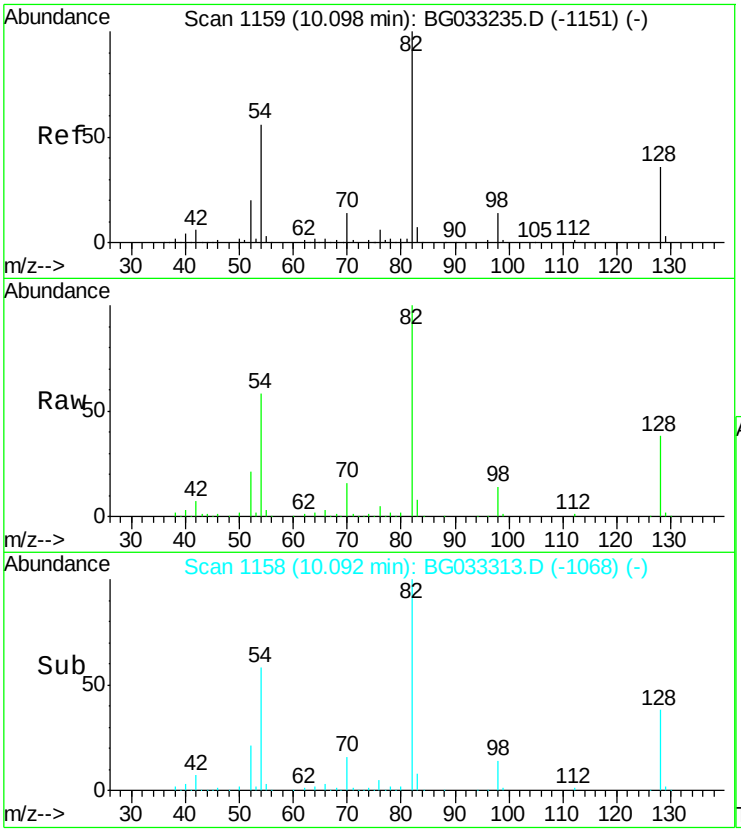


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Tgt Ion:136 Resp: 153853

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	10.4	10.3	15.5
68	5.1	4.5	6.7



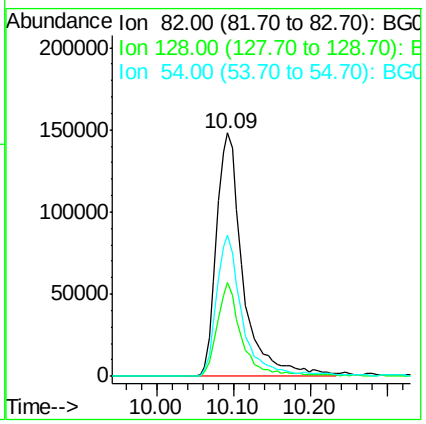


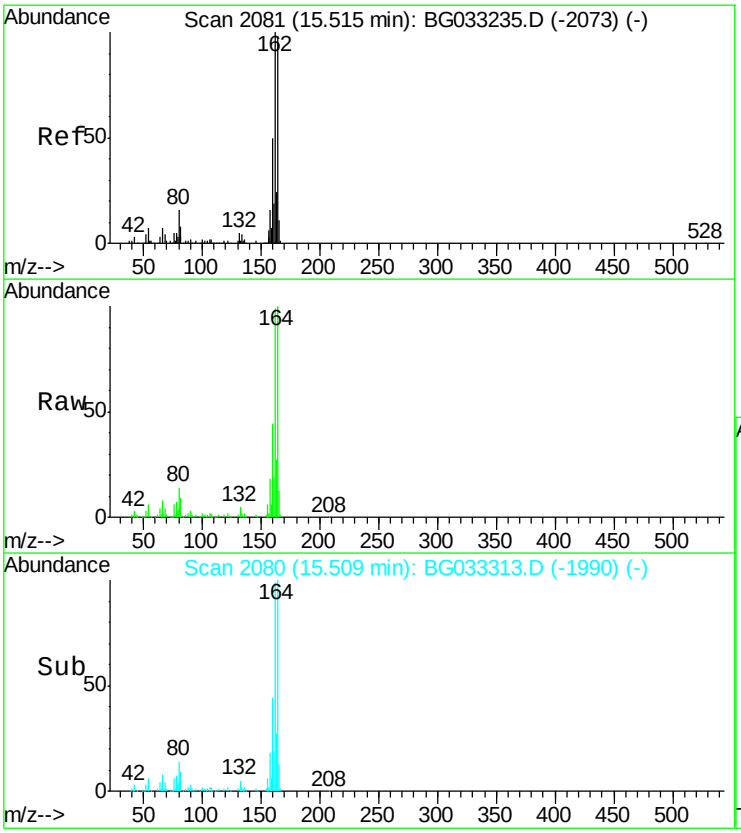
#23
Nitrobenzene-d5
Concen: 105.050 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Instrument :
BNA_G
ClientSampleId :
DGA-TOP-LAYER-1-B

Tgt Ion: 82 Resp: 351780

Ion	Ratio	Lower	Upper
82	100		
128	38.5	29.7	44.5
54	57.9	43.1	64.7

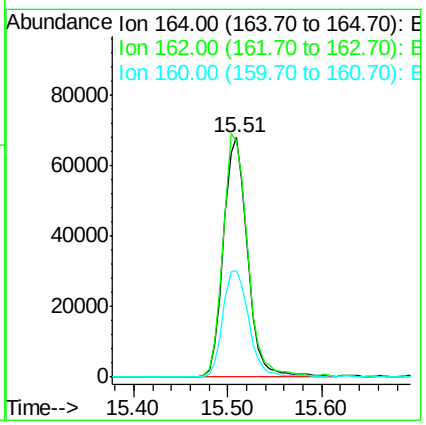


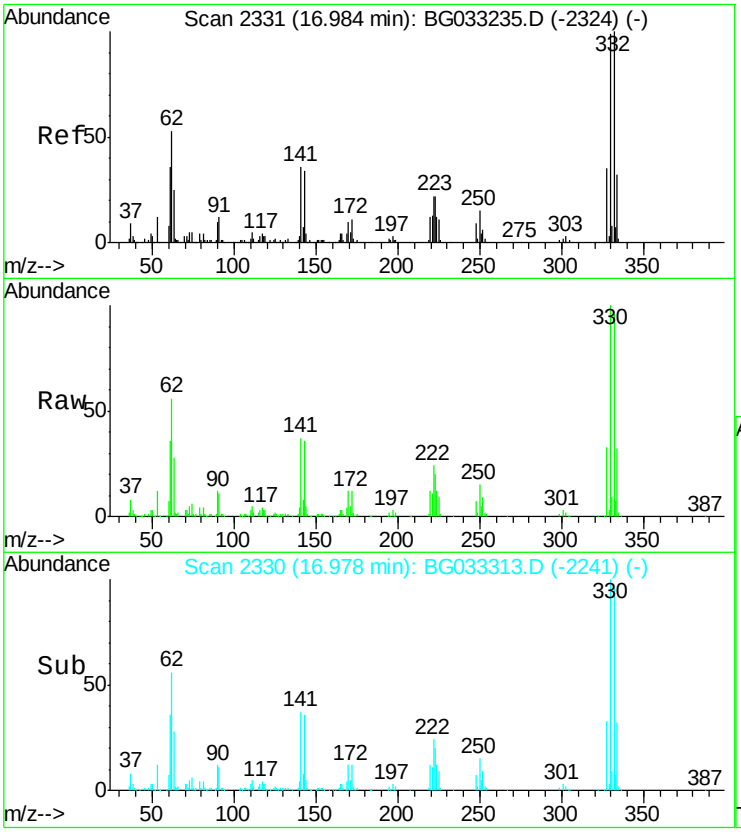


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Tgt Ion:164 Resp: 121336

Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.8	118.2
160	44.5	35.4	53.0



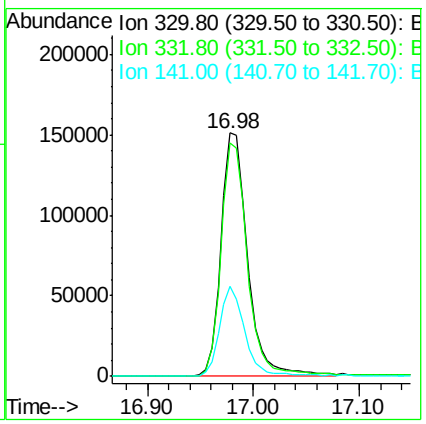


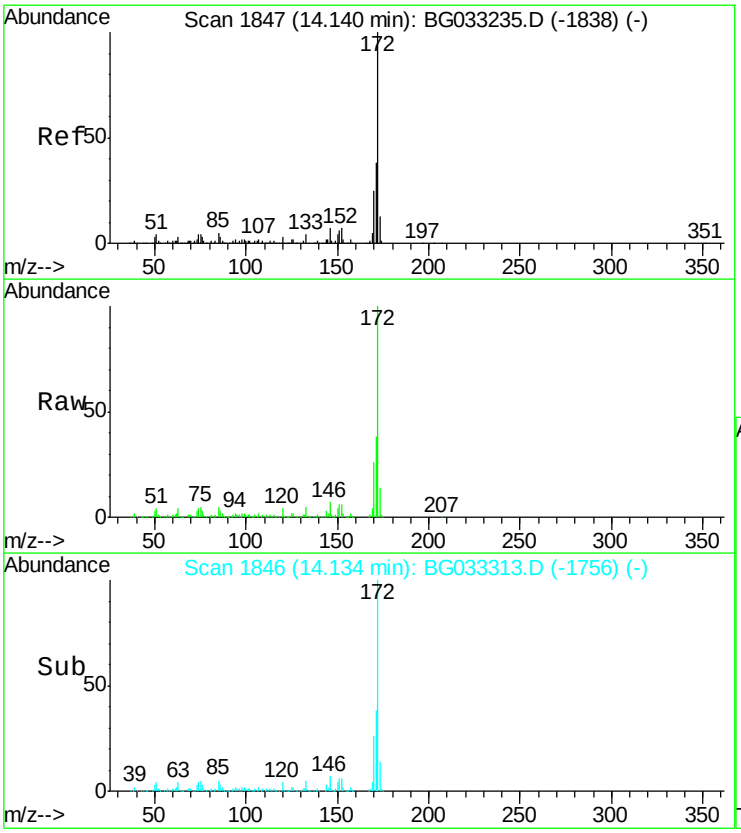
#41
2,4,6-Tribromophenol
Concen: 145.915 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Instrument :
BNA_G
ClientSampleId :
DGA-TOP-LAYER-1-B

Tgt Ion:330 Resp: 264795

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.0	25.2	37.8

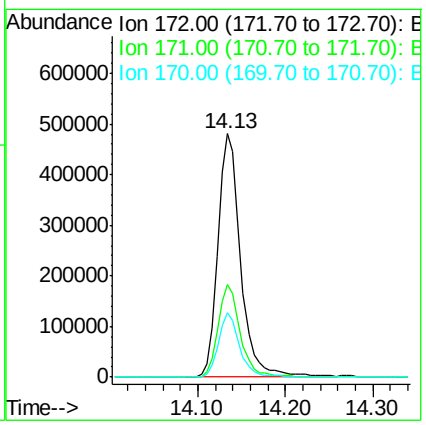


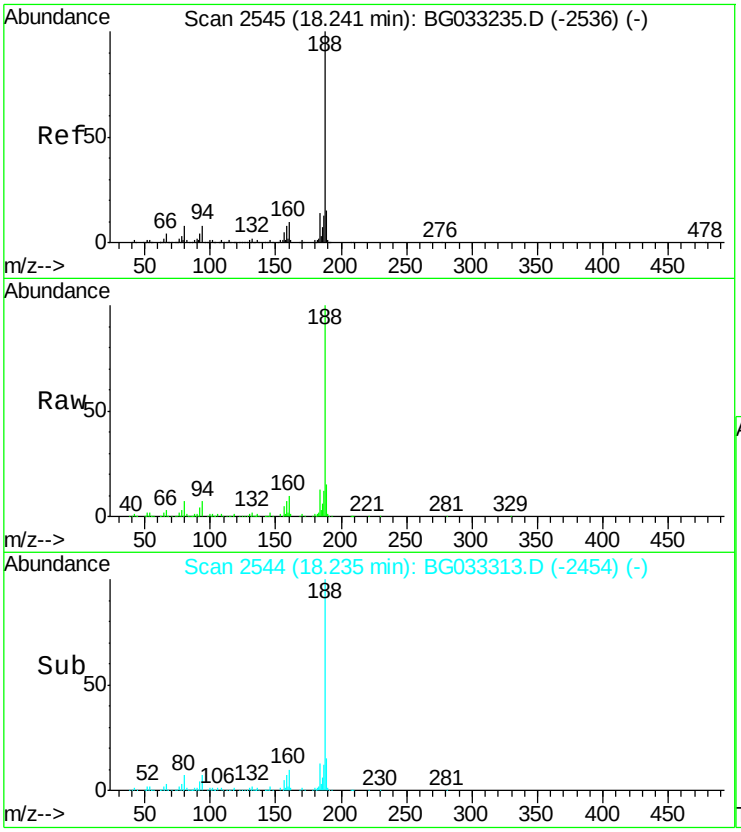


#44
2-Fluorobiphenyl
Concen: 102.180 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Tgt Ion:172 Resp: 858811

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	26.3	19.5	29.3



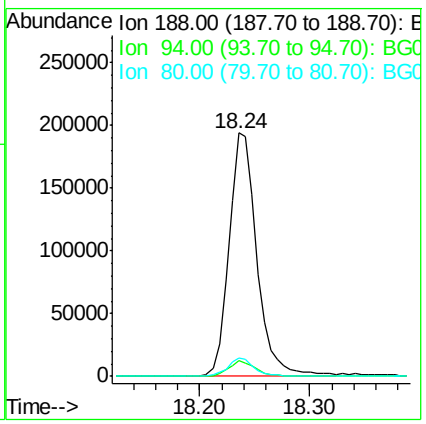


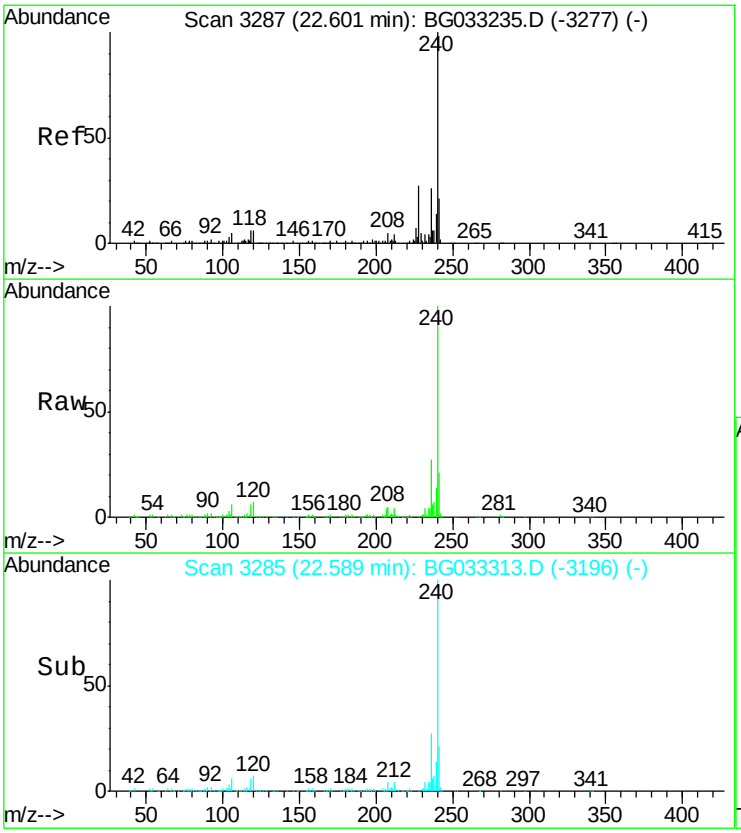
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Instrument :
BNA_G
ClientSampleId :
DGA-TOP-LAYER-1-B

Tgt Ion:188 Resp: 343380

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.4	7.7	11.5#

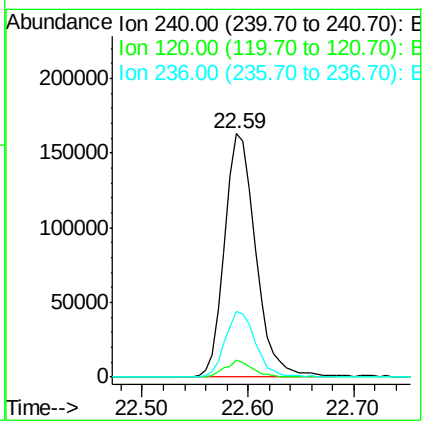


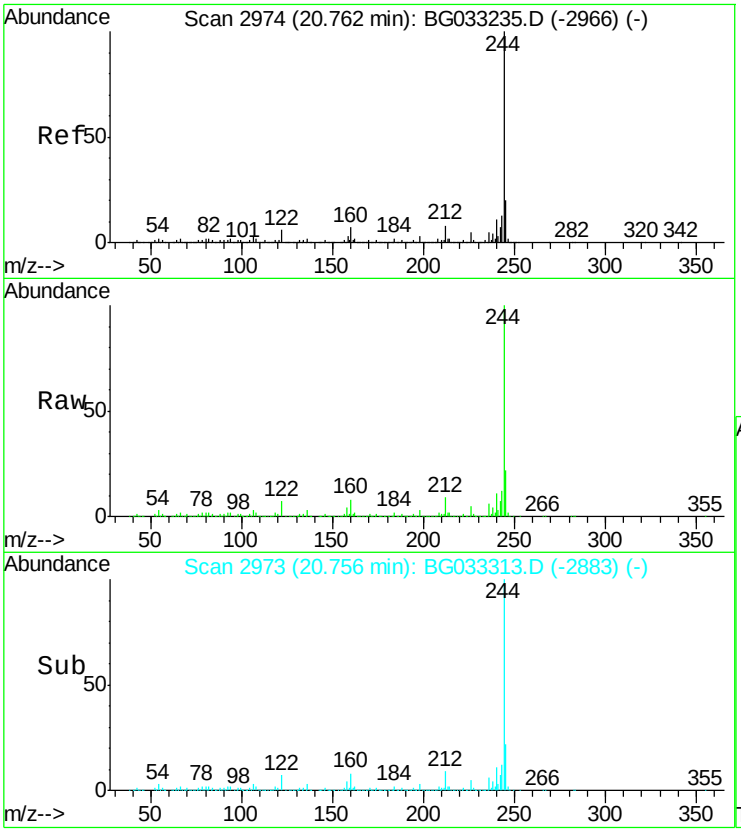


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.01 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Tgt Ion:240 Resp: 333194

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.8	10.2
236	27.0	20.9	31.3



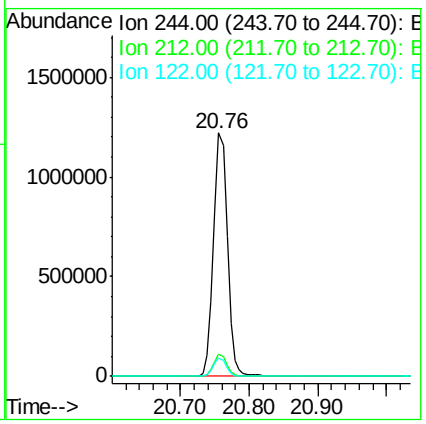


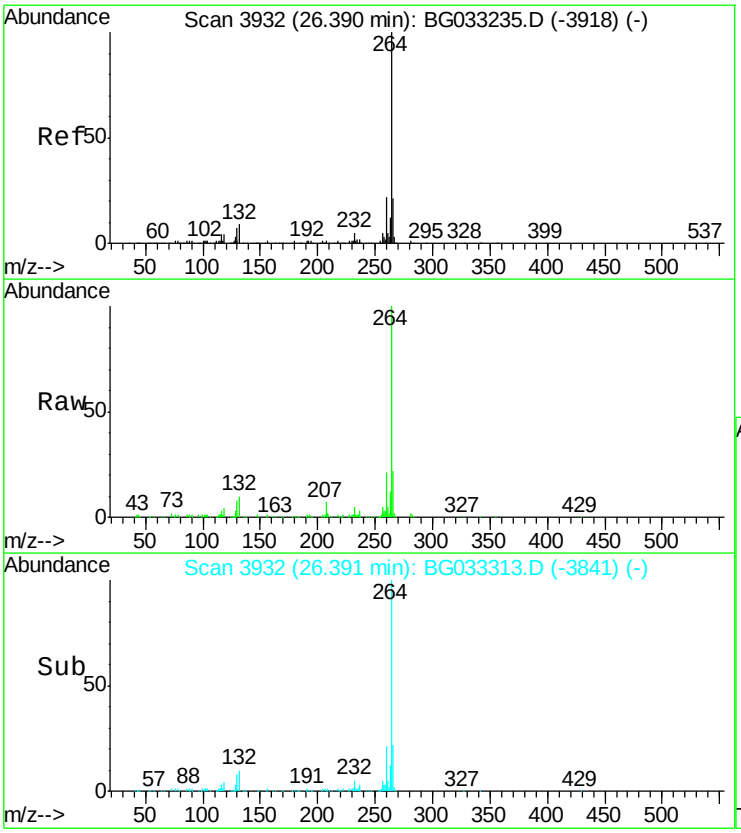
#78
Terphenyl-d14
Concen: 110.009 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Instrument :
BNA_G
ClientSampleId :
DGA-TOP-LAYER-1-B

Tgt Ion:244 Resp: 1713939

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	7.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.39 min Scan# 3932
Delta R.T. 0.00 min
Lab File: BG033313.D
Acq: 23 Mar 2018 4:28

Tgt Ion:264 Resp: 335814

Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.4	26.0
265	21.7	17.7	26.5