Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033354.D
Acq On : 27 Mar 2018 6:32
Operator : SJ/JU
Sample : J1760-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-04-032318-A

Quant Time: Mar 27 08:46:04 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39364	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	158290	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	123809	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	335033	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	362956	20.00	ng	-0.04
86) Perylene-d12	26.32	264	384371	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	280548	133.64	ng	-0.02
7) Phenol-d6	7.97	99	371715	103.05	ng	-0.03
23) Nitrobenzene-d5	10.07	82	304362	88.34	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	236685	127.82	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	772526	90.08	ng	-0.03
78) Terphenyl-d14	20.73	244	1490576	87.83	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	11.80	128	21960	2.677	ng	96

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

Quantitation Report (QT Reviewed)

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Misc :
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Instrument :
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Quant Time: Mar 27 08:46:04 2018
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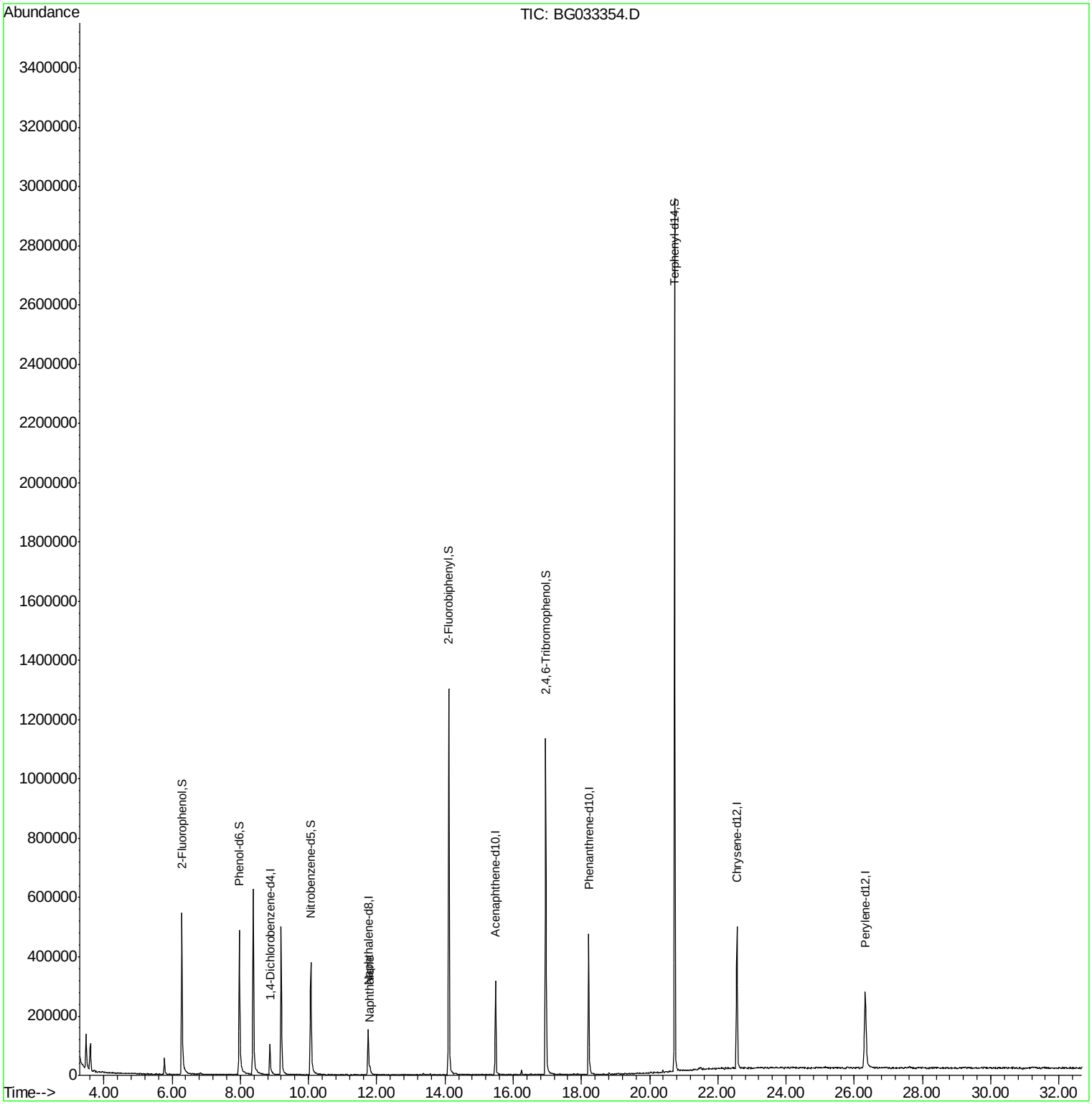
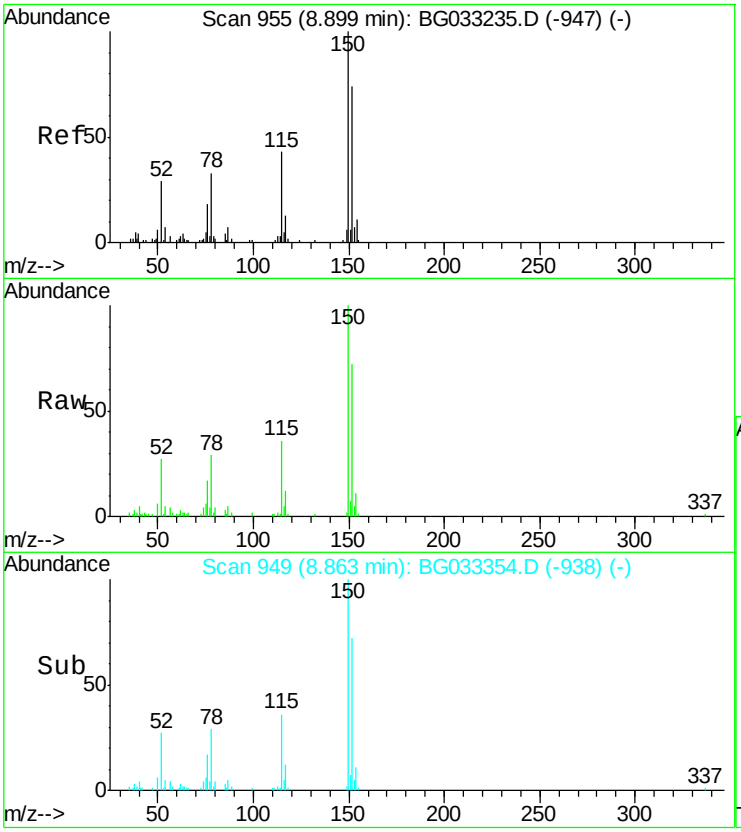
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration



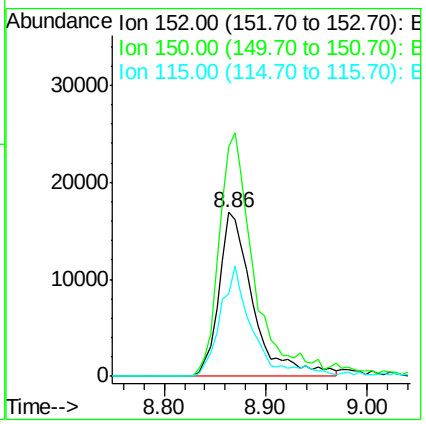


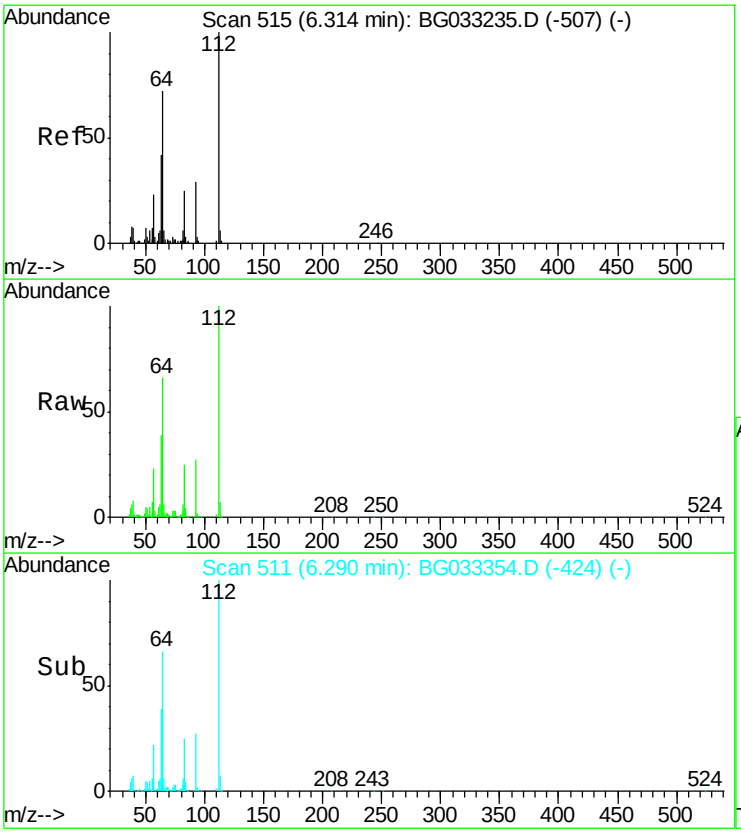
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Instrument :
BNA_G
ClientSampleId :
SU-04-032318-A

Tgt Ion:152 Resp: 39364

Ion	Ratio	Lower	Upper
152	100		
150	139.8	126.6	189.8
115	50.0	53.0	79.4#

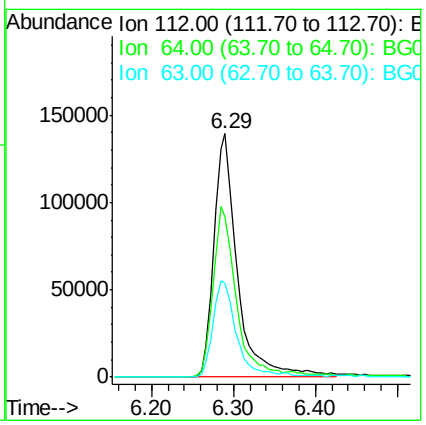


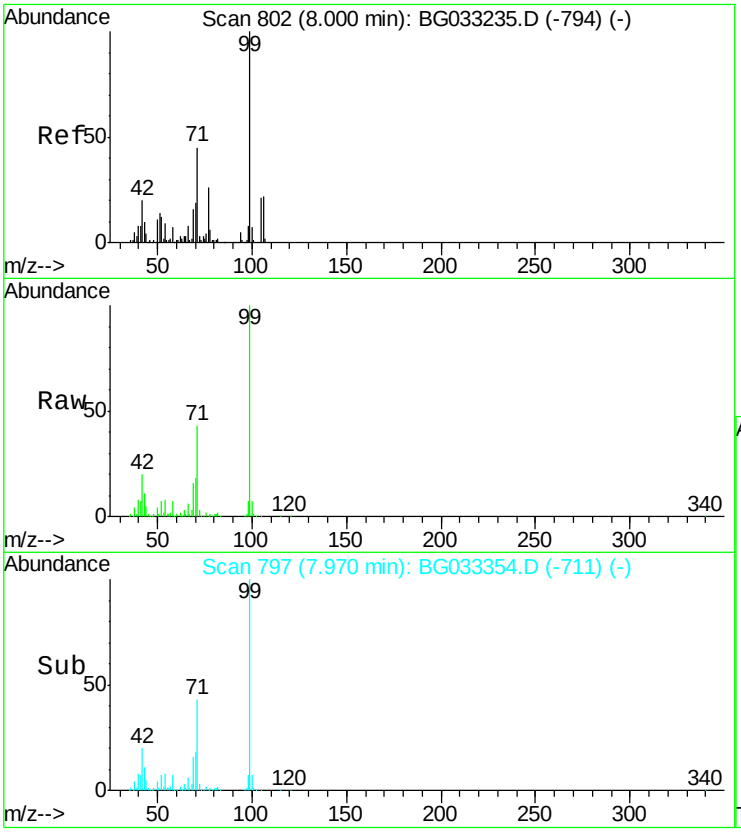


#5
2-Fluorophenol
Concen: 133.640 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Tgt Ion:112 Resp: 280548

Ion	Ratio	Lower	Upper
112	100		
64	65.9	56.3	84.5
63	38.6	30.1	45.1



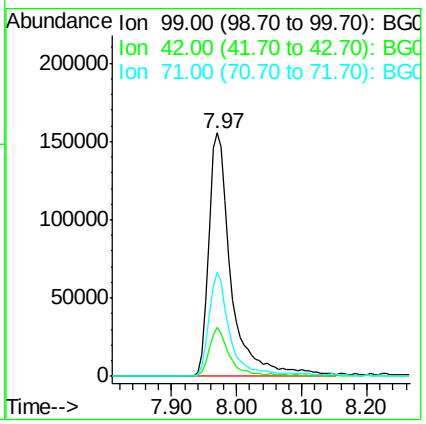


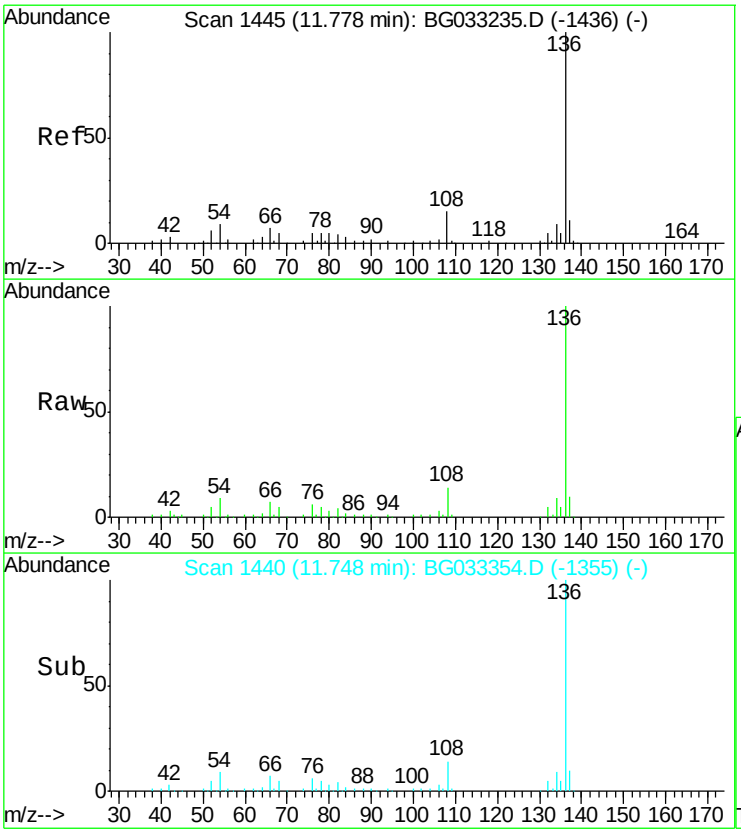
#7
Phenol-d6
Concen: 103.054 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.03 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Instrument :
BNA_G
ClientSampleId :
SU-04-032318-A

Tgt Ion: 99 Resp: 371715

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.1	21.1
71	42.8	26.1	39.1#

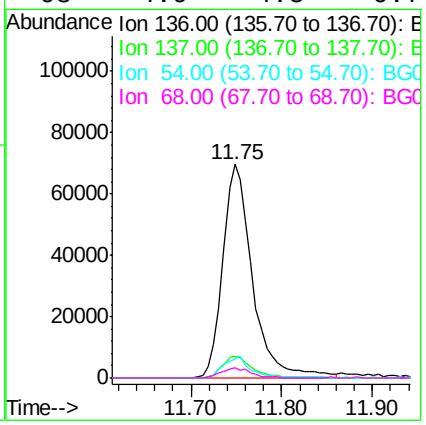


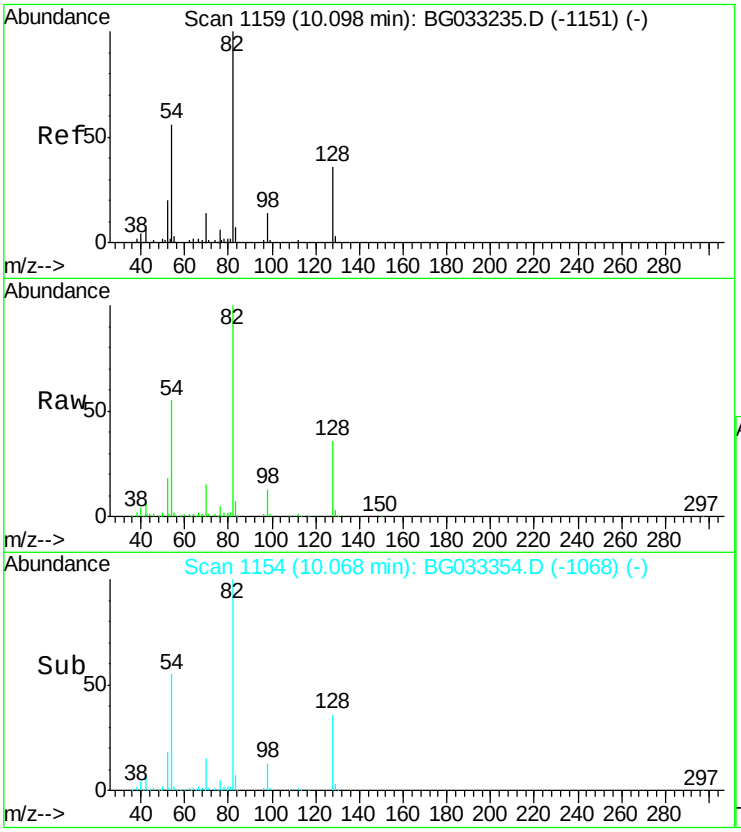


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Tgt Ion:136 Resp: 158290

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	9.3	10.3	15.5#
68	4.9	4.5	6.7



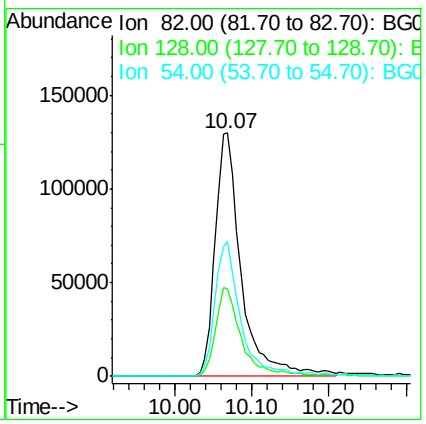


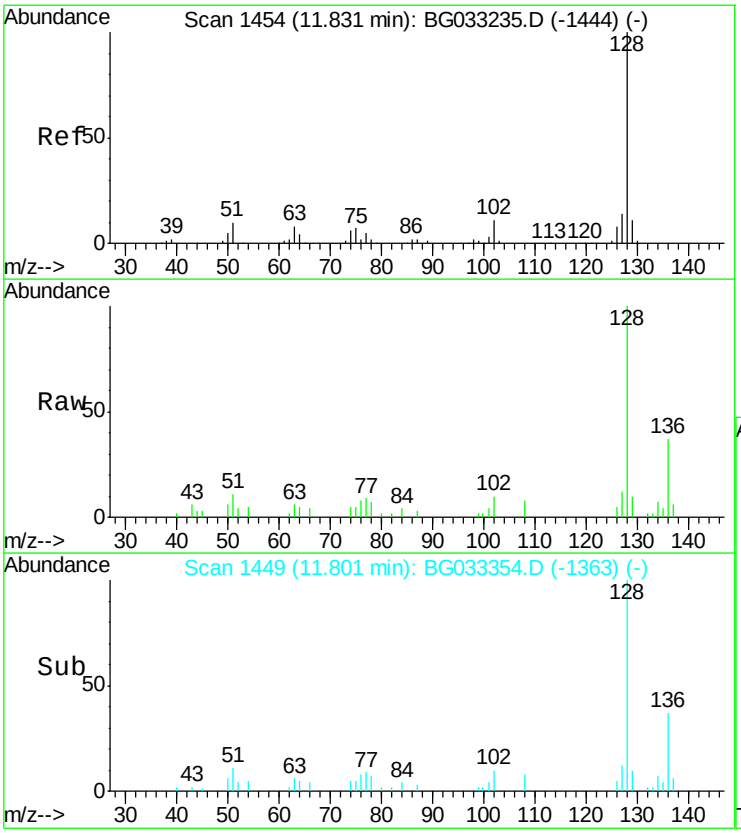
#23
Nitrobenzene-d5
Concen: 88.342 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Instrument :
BNA_G
ClientSampleId :
SU-04-032318-A

Tgt Ion: 82 Resp: 304362

Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	55.4	43.1	64.7

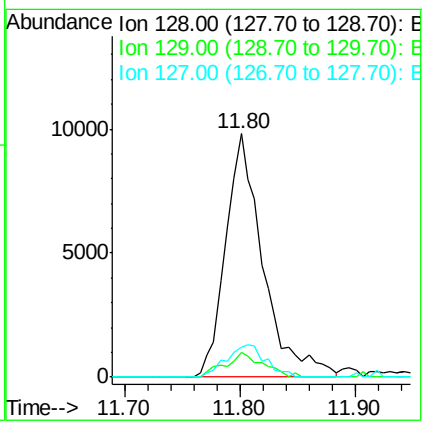


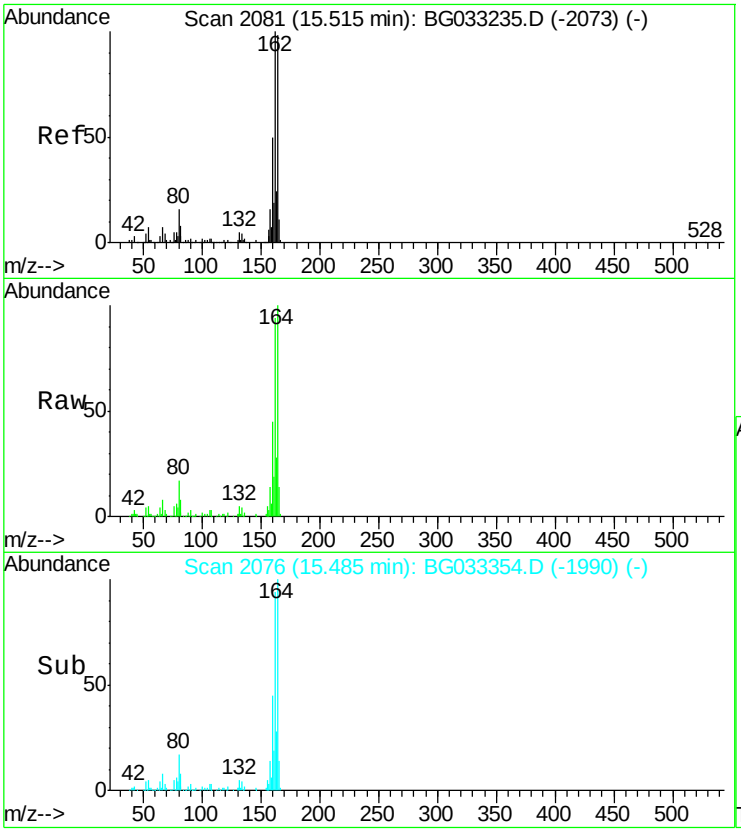


#31
Naphthalene
Concen: 2.677 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Tgt Ion:128 Resp: 21960

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	12.2	11.6	17.4



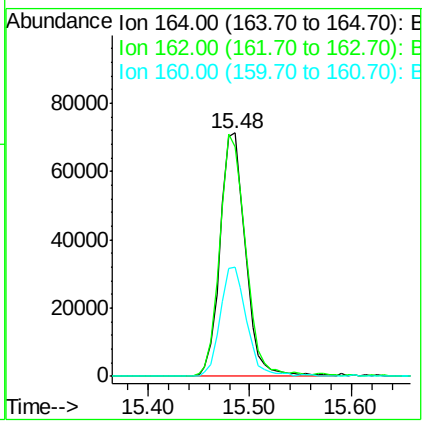


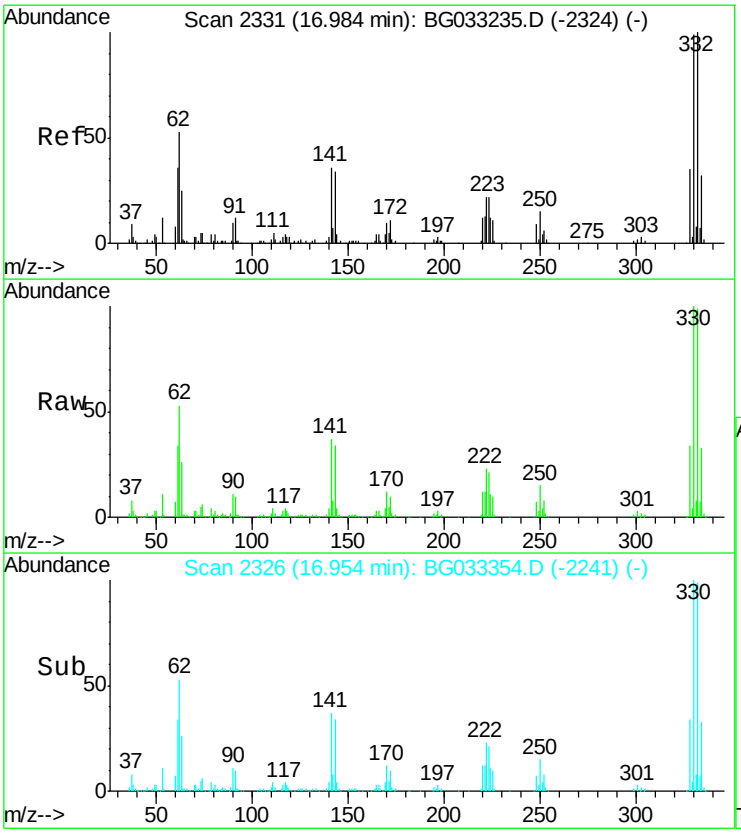
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.03 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Instrument :
BNA_G
ClientSampleId :
SU-04-032318-A

Tgt Ion:164 Resp: 123809

Ion	Ratio	Lower	Upper
164	100		
162	94.2	78.8	118.2
160	44.9	35.4	53.0

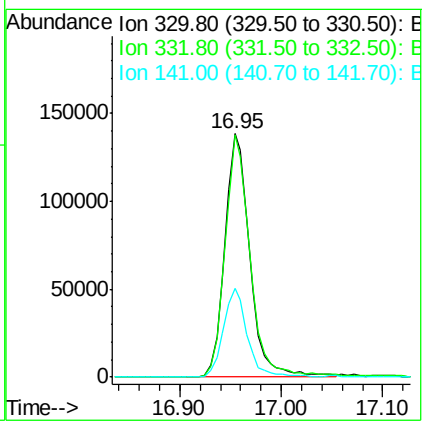


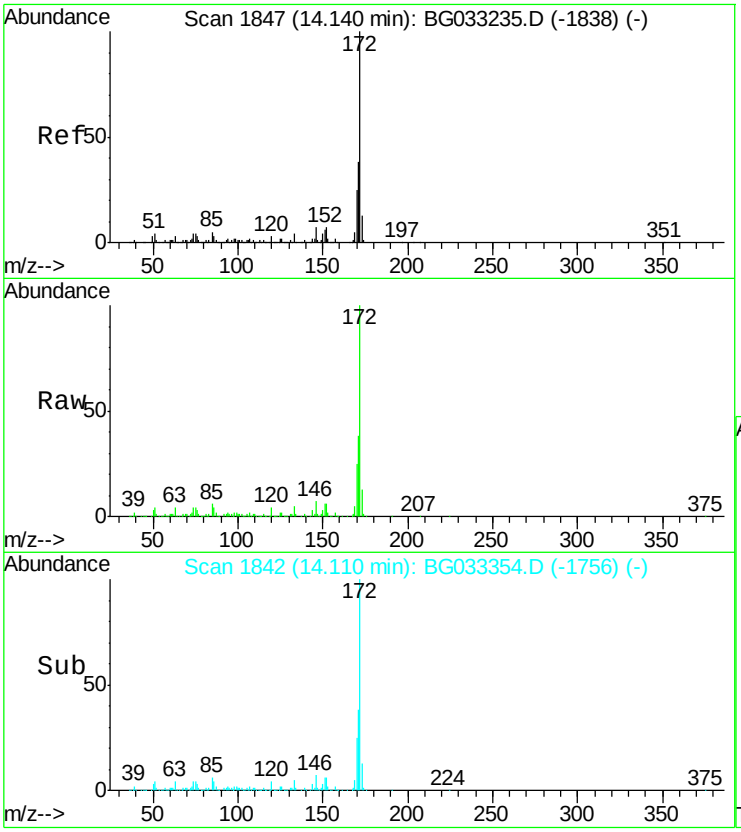


#41
2,4,6-Tribromophenol
Concen: 127.820 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.03 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Tgt Ion:330 Resp: 236685

Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.0	115.6
141	35.0	25.2	37.8



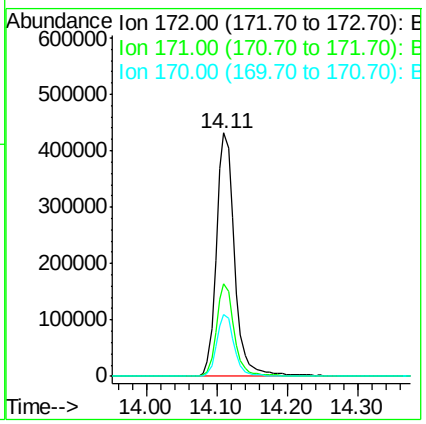


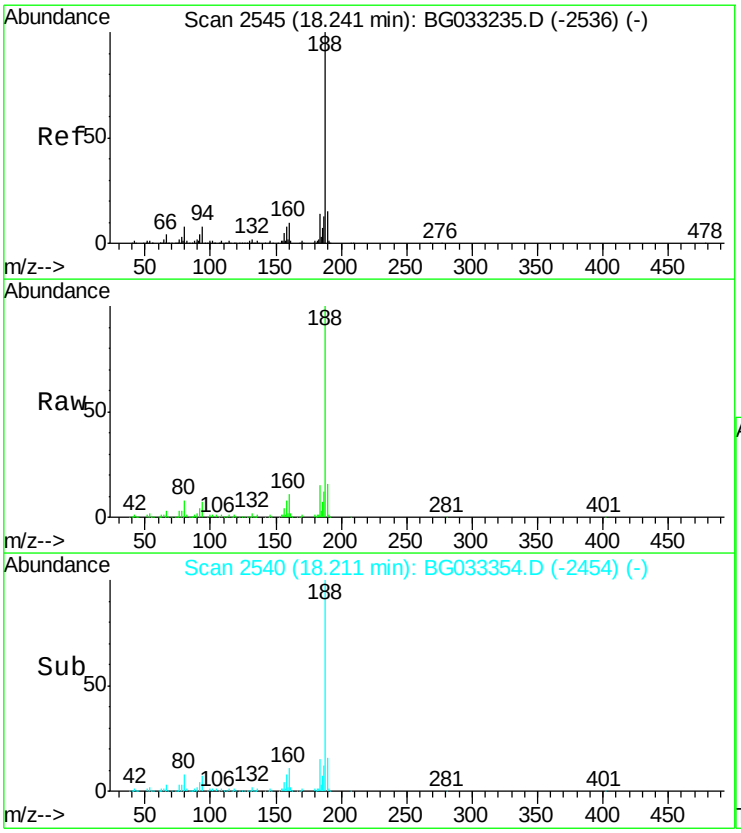
#44
2-Fluorobiphenyl
Concen: 90.078 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.03 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Instrument :
BNA_G
ClientSampleId :
SU-04-032318-A

Tgt Ion:172 Resp: 772526

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	25.2	19.5	29.3

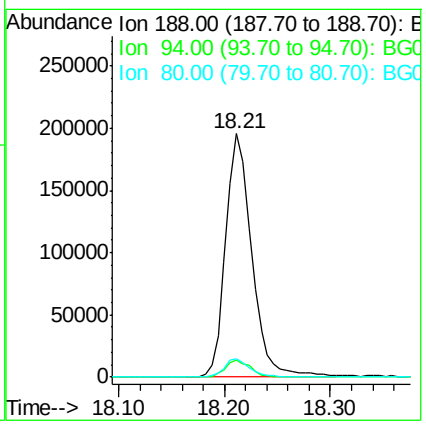


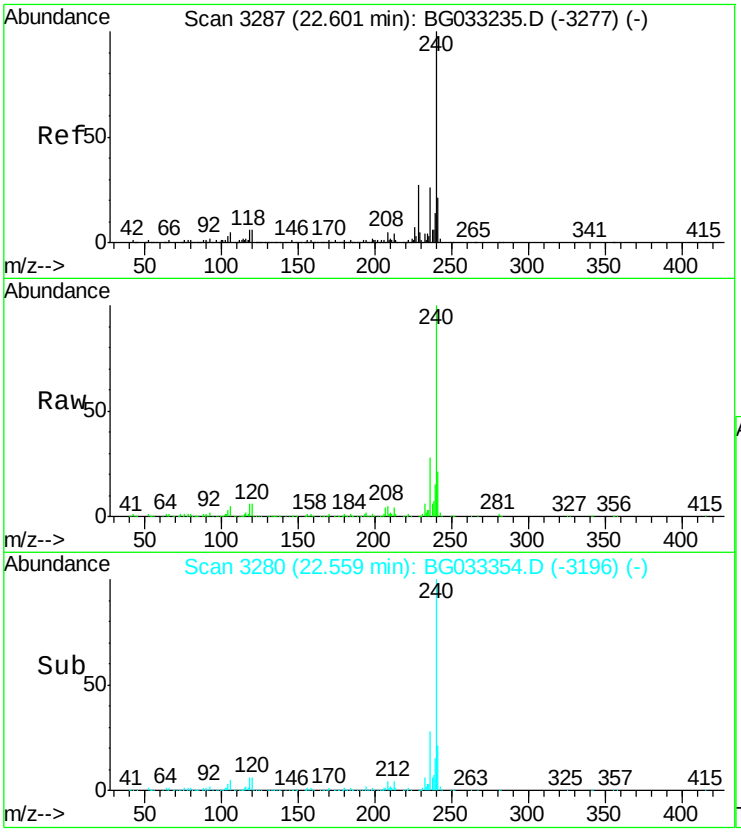


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Tgt Ion:188 Resp: 335033

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.5	7.7	11.5#



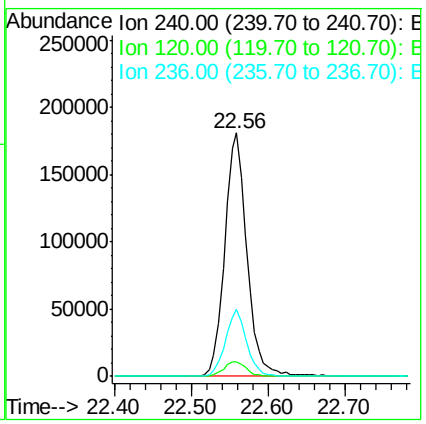


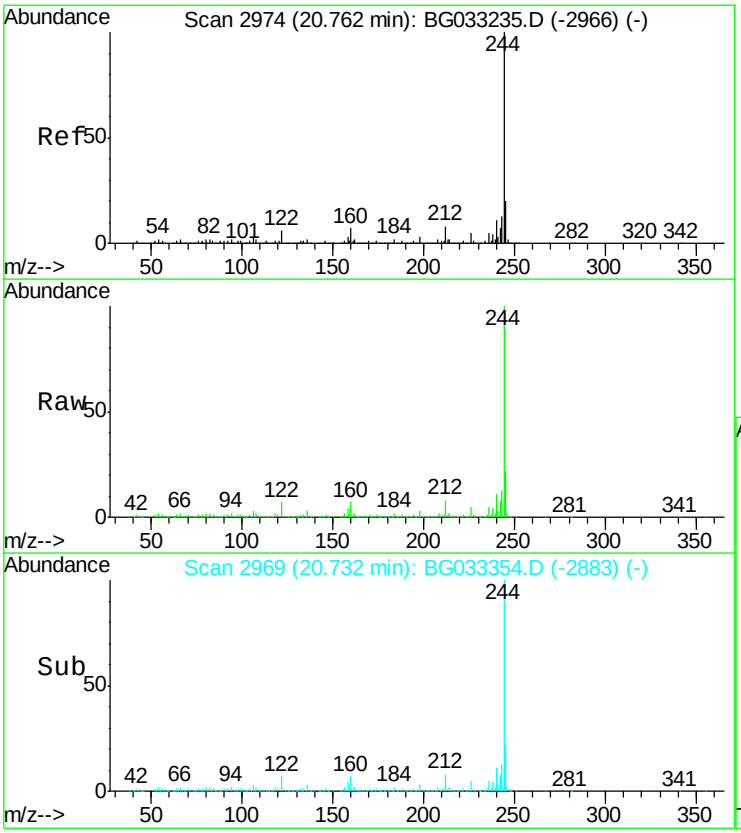
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Instrument :
BNA_G
ClientSampleId :
SU-04-032318-A

Tgt Ion:240 Resp: 362956

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	27.5	20.9	31.3

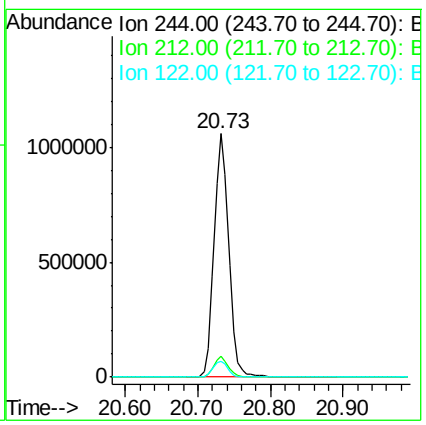


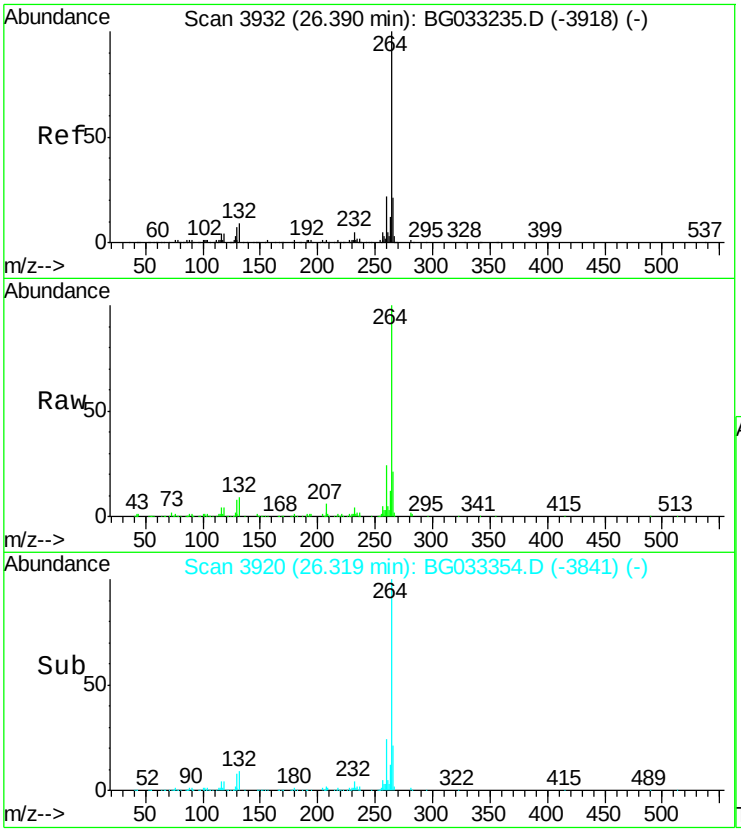


#78
Terphenyl-d14
Concen: 87.828 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.03 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Tgt Ion:244 Resp: 1490576

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	6.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.07 min
Lab File: BG033354.D
Acq: 27 Mar 2018 6:32

Instrument :
BNA_G
ClientSampleId :
SU-04-032318-A

Tgt Ion:264 Resp: 384371

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.3	17.7	26.5