Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
Data File : BG033335.D
Acq On : 26 Mar 2018 18:40
Operator : SJ/JU
Sample : J2053-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 27 07:46:54 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	39745	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	162736	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	129894	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	339308	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	351312	20.00	ng	-0.04
86) Perylene-d12	26.31	264	387763	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	162669	76.75	ng	-0.02
7) Phenol-d6	7.97	99	139024	38.17	ng	-0.03
23) Nitrobenzene-d5	10.07	82	370451	104.59	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	308359	158.73	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	930164	103.38	ng	-0.03
78) Terphenyl-d14	20.73	244	1539511	93.72	ng	-0.03
Target Compounds						Qvalue
15) Benzyl Alcohol	9.20	79	7181	2.504	ng	# 49
19) n-Nitroso-di-n-propylamine	10.06	70	47736	17.888	ng	# 80
49) Dimethylphthalate	14.90	163	34115	3.018	ng	# 95
50) 2,6-Dinitrotoluene	15.48	165	16826	7.280	ng	# 20
51) Acenaphthene	15.55	154	19012	2.296	ng	98
53) 2,4-Dinitrophenol	15.64	184	55	7.684	ng	# 20
55) 4-Nitrophenol	15.87	139	3712	2.178	ng	# 6
56) 2,4-Dinitrotoluene	15.48	165	16925	4.973	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	24072	6.041	ng	# 1
76) Benzidine	20.73	184	25271	2.653	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
Data File : BG033335.D
Acq On : 26 Mar 2018 18:40
Operator : SJ/JU
Sample : J2053-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 27 07:46:54 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
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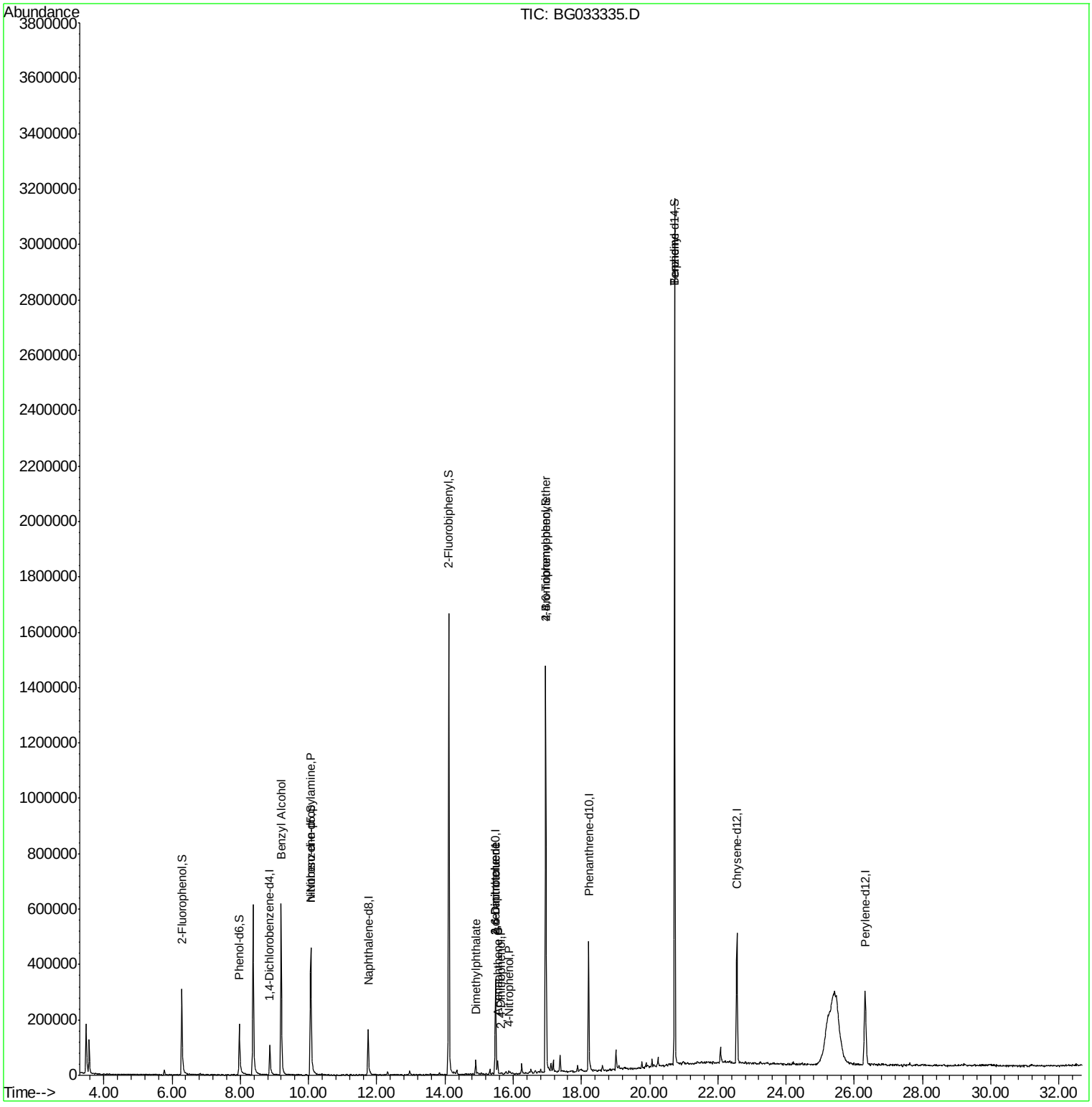
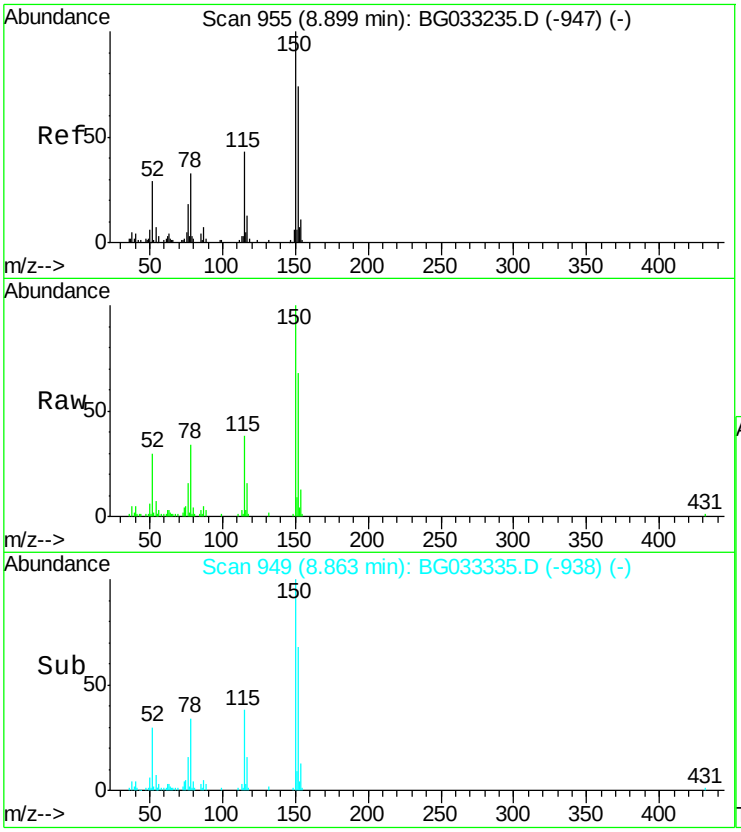


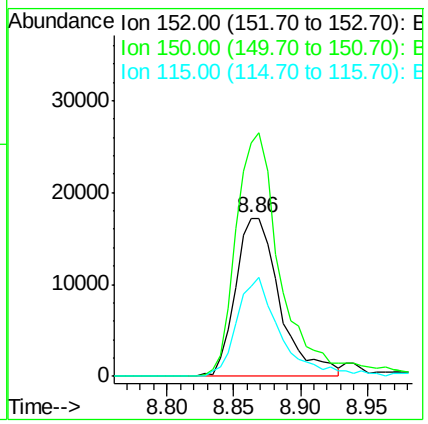


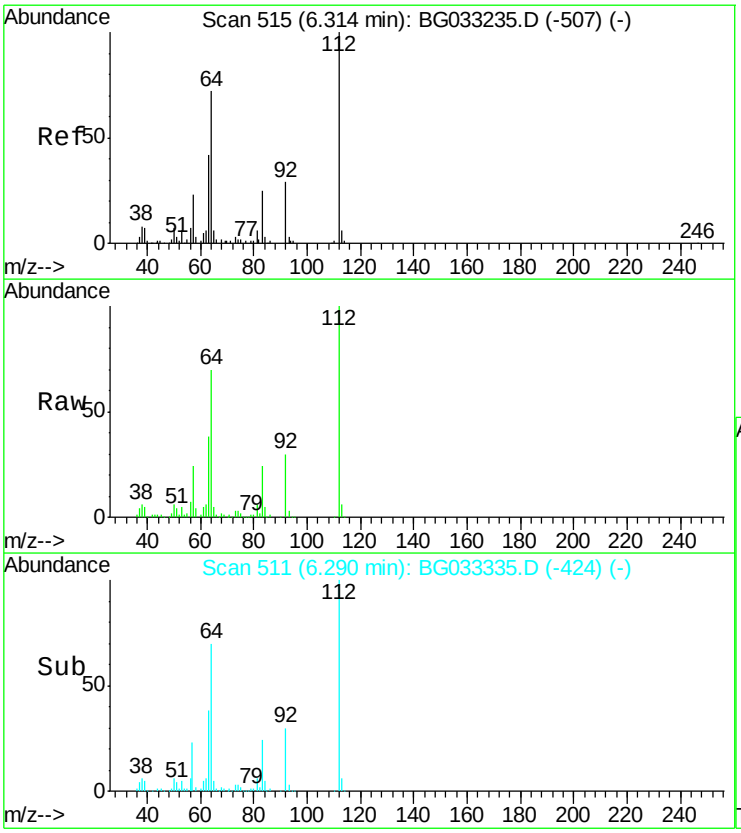
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 39745

Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.6	189.8
115	56.7	53.0	79.4

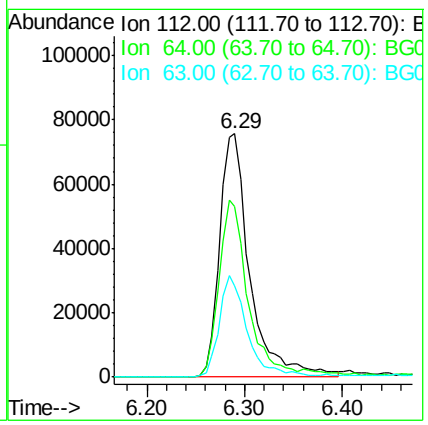


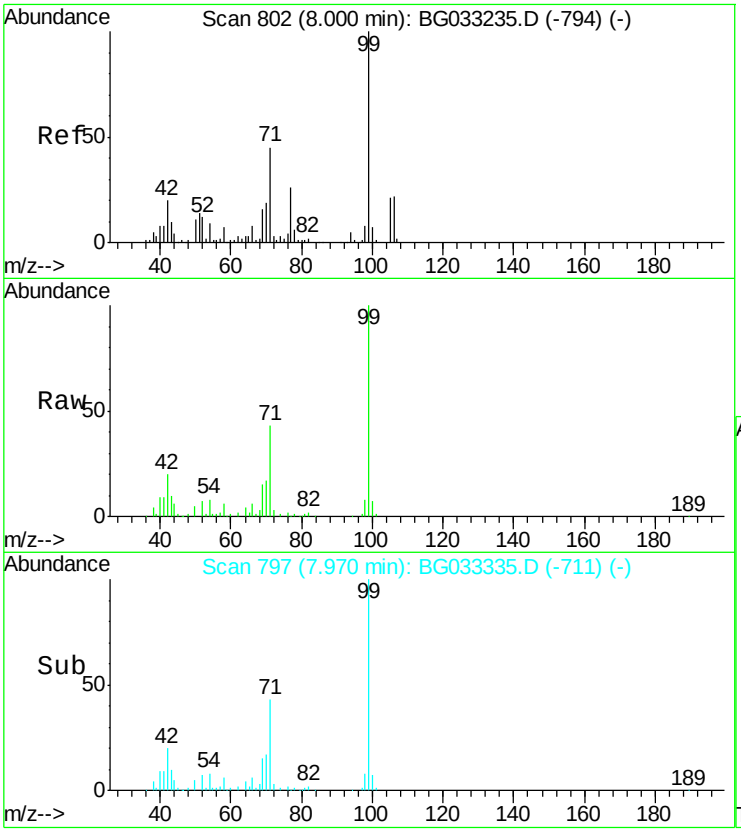


#5
2-Fluorophenol
Concen: 76.745 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Tgt Ion:112 Resp: 162669

Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.3	84.5
63	37.6	30.1	45.1



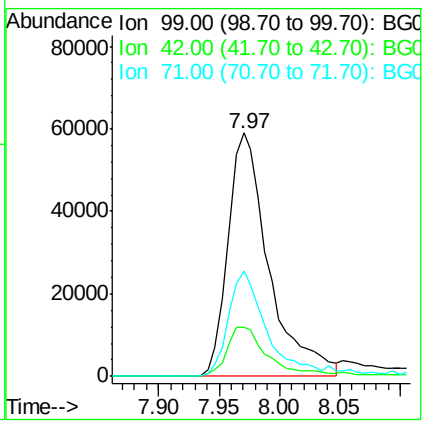


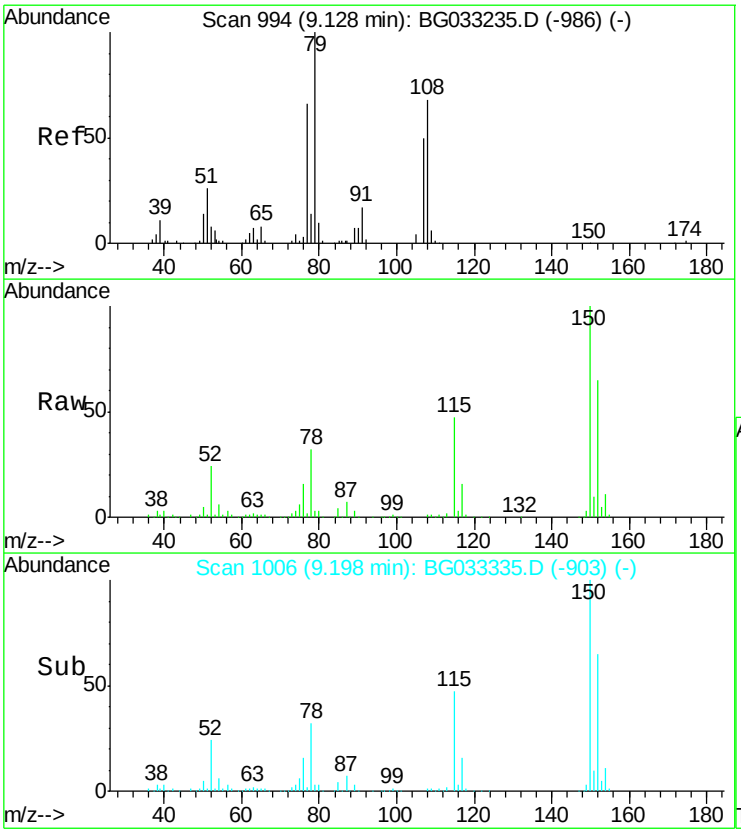
#7
Phenol-d6
Concen: 38.173 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.03 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 139024

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.1	21.1
71	43.1	26.1	39.1#

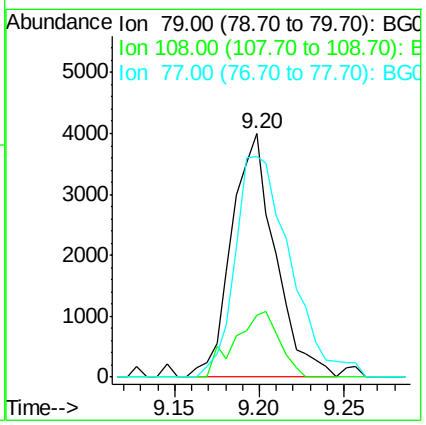


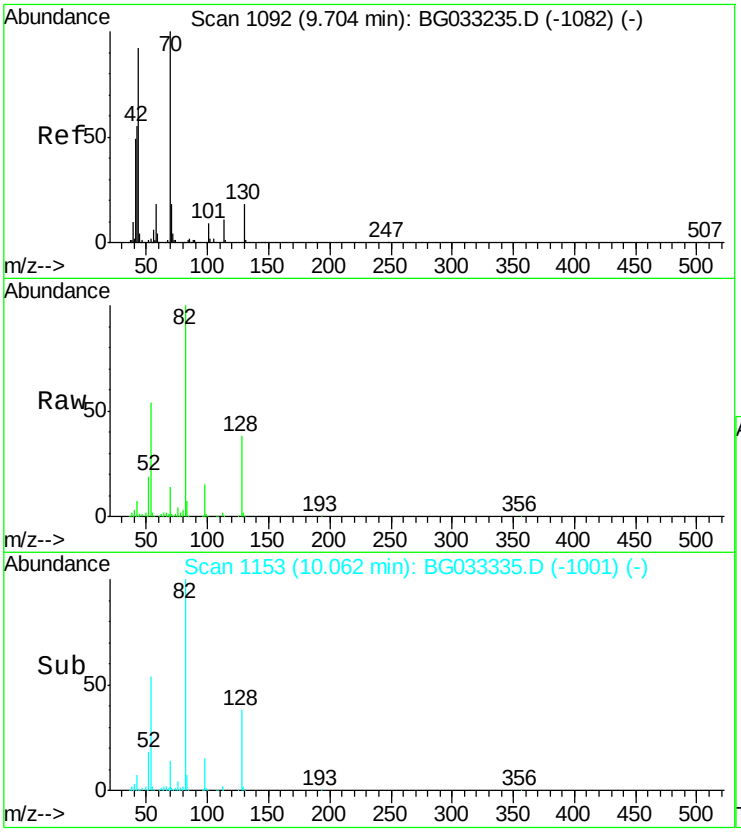


#15
Benzyl Alcohol
Concen: 2.504 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.07 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Tgt Ion: 79 Resp: 7181

Ion	Ratio	Lower	Upper
79	100		
108	25.3	57.2	85.8#
77	90.7	46.1	69.1#



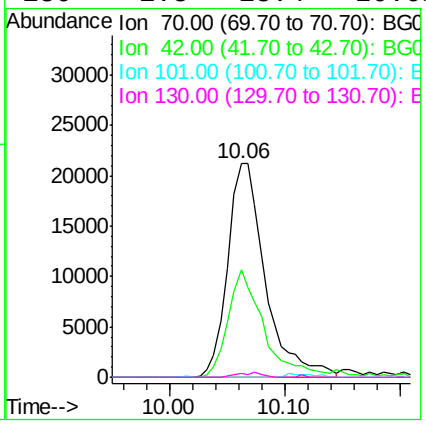


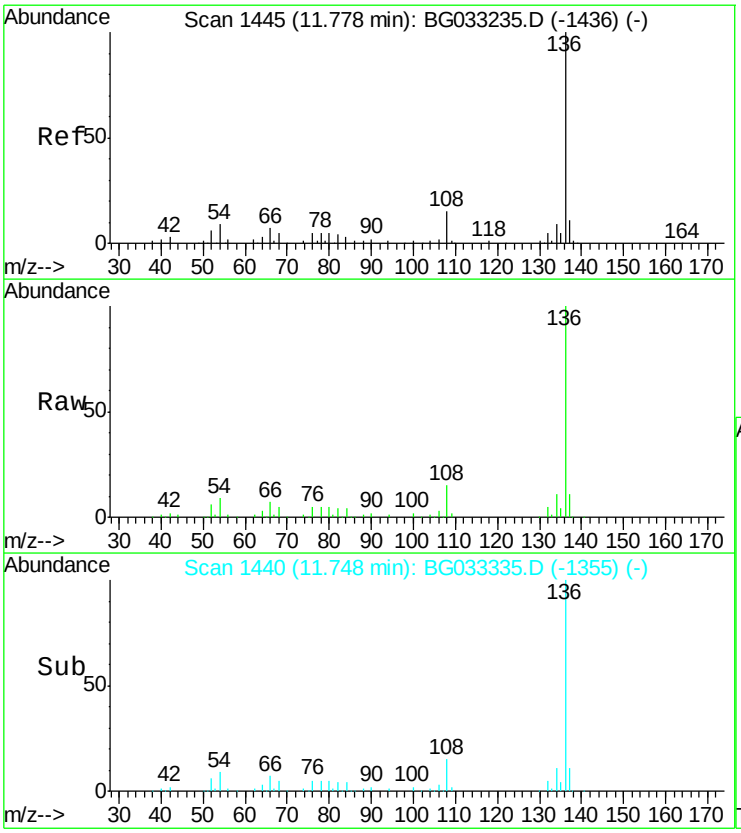
#19
n-Nitroso-di-n-propylamine
Concen: 17.888 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.36 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 47736

Ion	Ratio	Lower	Upper
70	100		
42	50.2	49.1	73.7
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#

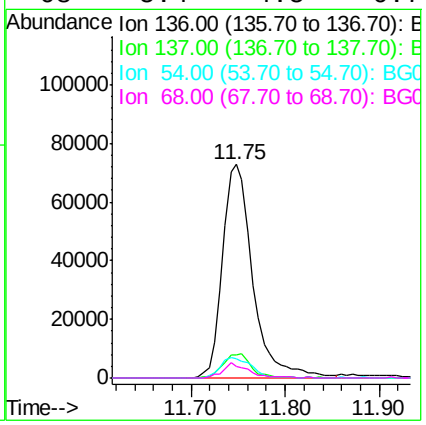


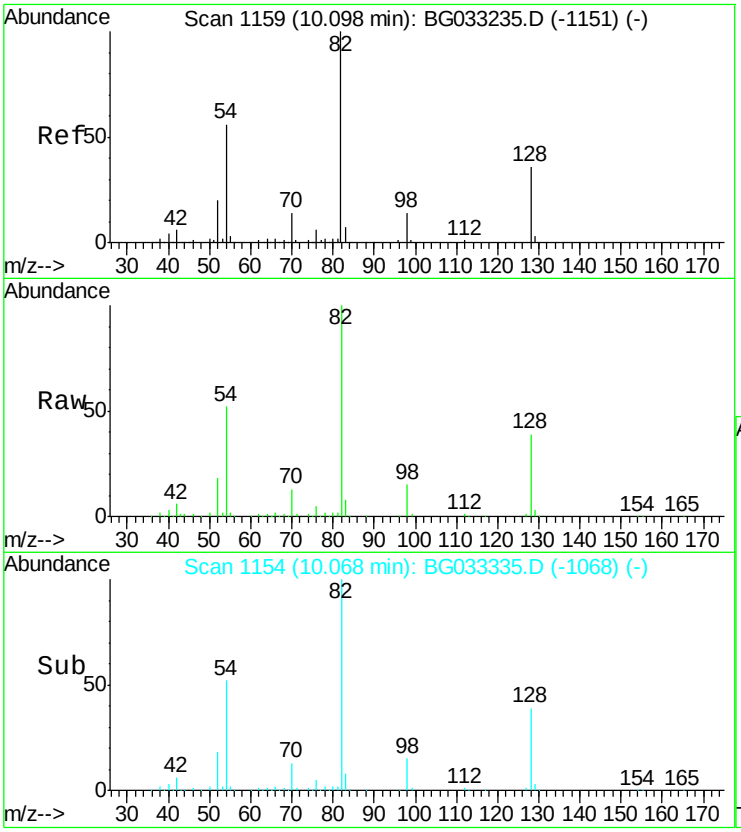


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Tgt Ion:136 Resp: 162736

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	9.3	10.3	15.5#
68	5.4	4.5	6.7



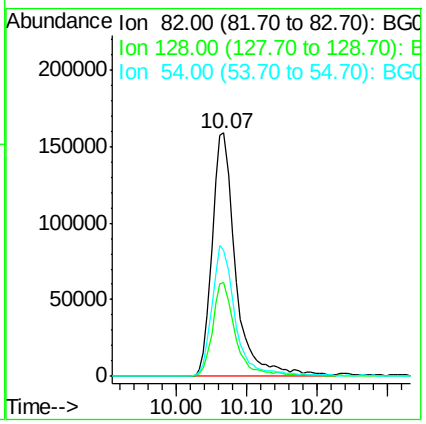


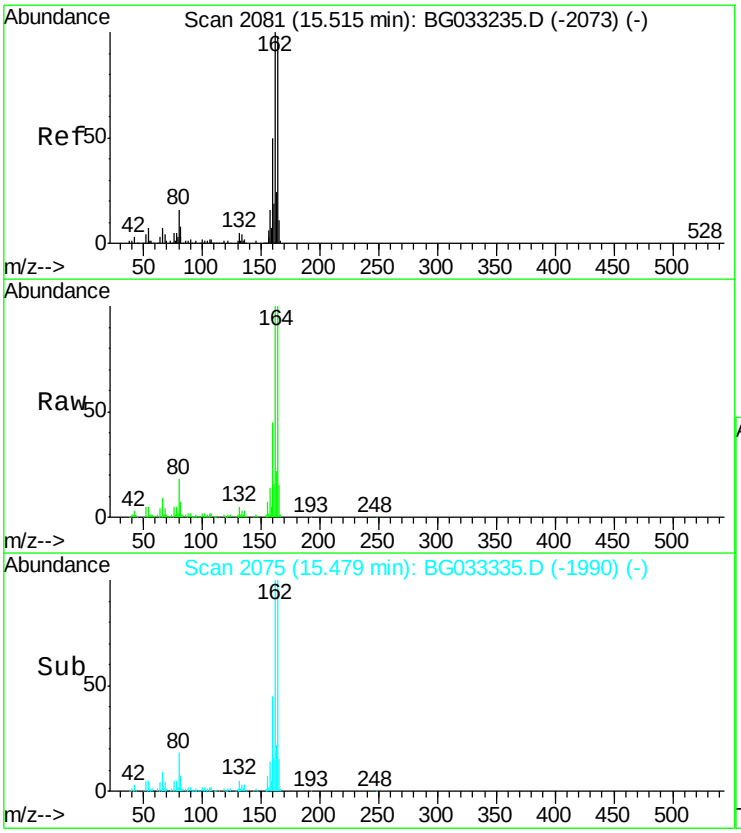
#23
Nitrobenzene-d5
Concen: 104.587 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 370451

Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.7	44.5
54	51.6	43.1	64.7

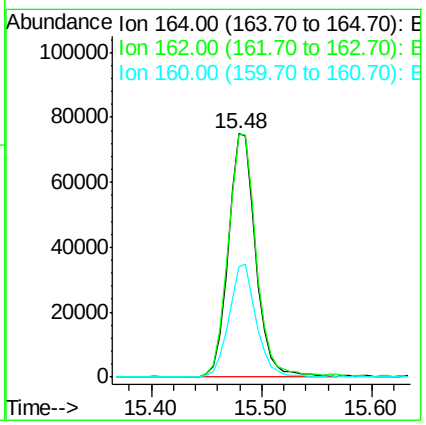


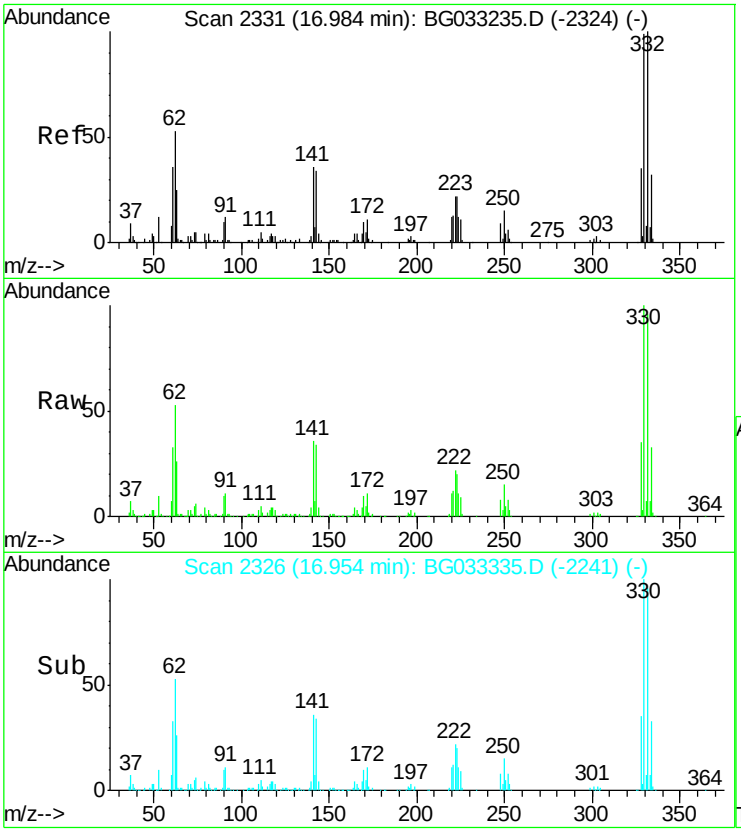


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.03 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Tgt Ion:164 Resp: 129894

Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.8	118.2
160	45.4	35.4	53.0



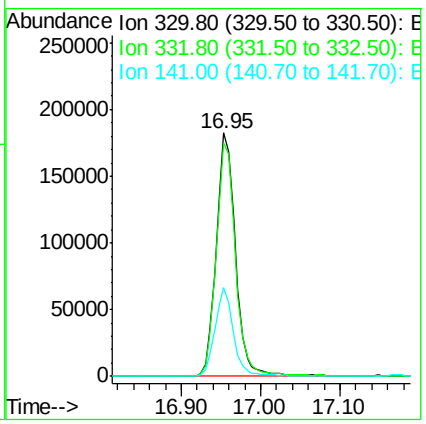


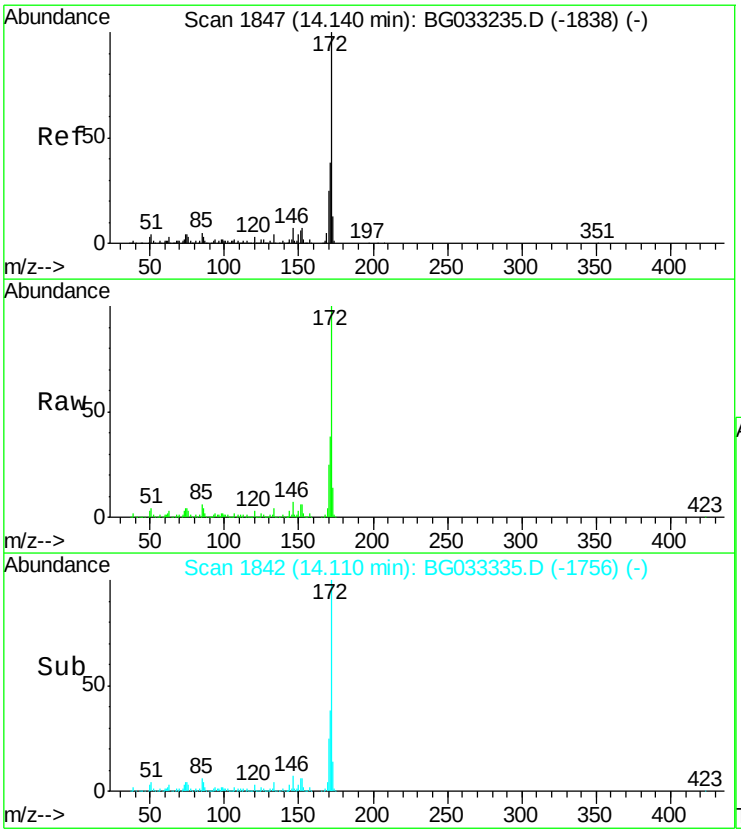
#41
2,4,6-Tribromophenol
Concen: 158.726 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.03 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 308359

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.2	25.2	37.8

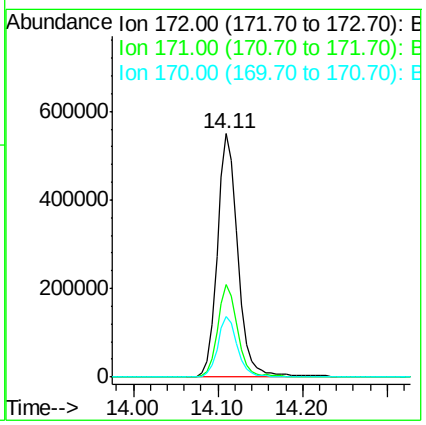


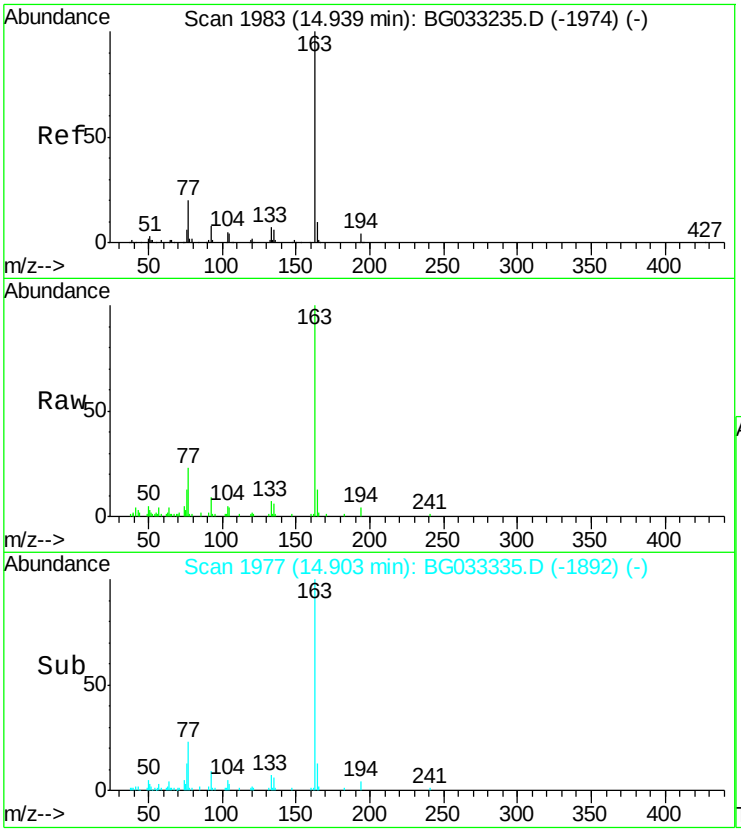


#44
2-Fluorobiphenyl
Concen: 103.378 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.03 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Tgt Ion:172 Resp: 930164

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	25.1	19.5	29.3



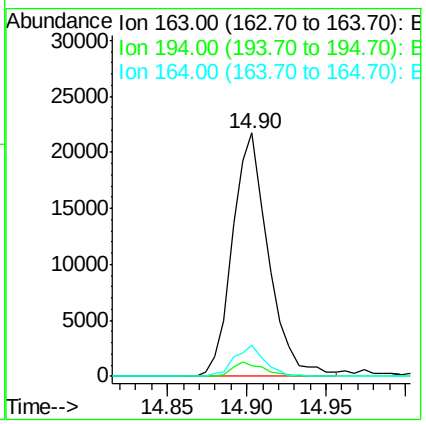


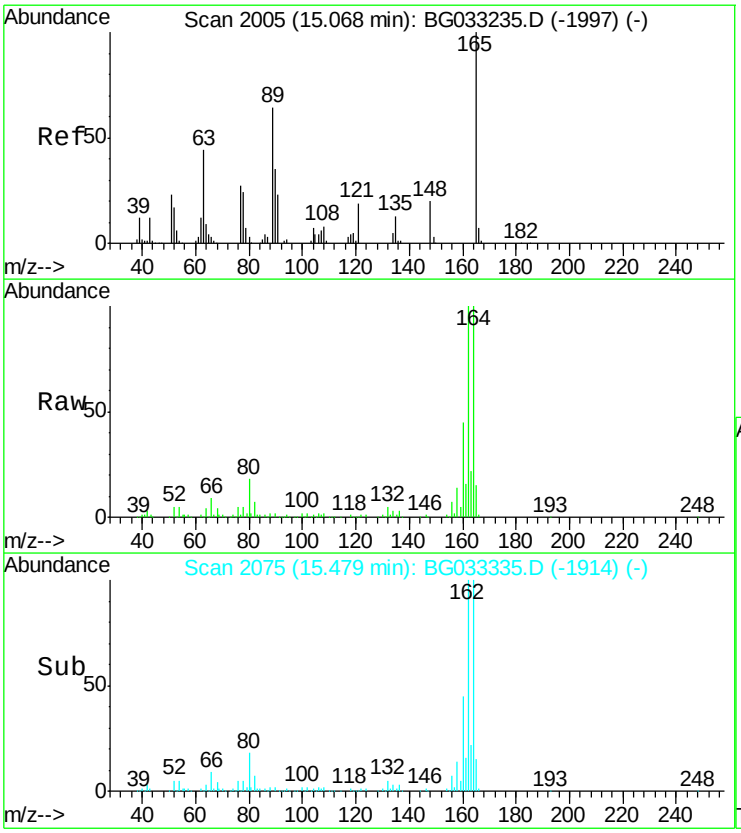
#49
Dimethylphthalate
Concen: 3.018 ng
RT: 14.90 min Scan# 1977
Delta R.T. -0.03 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 34115

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	12.8	8.2	12.4#

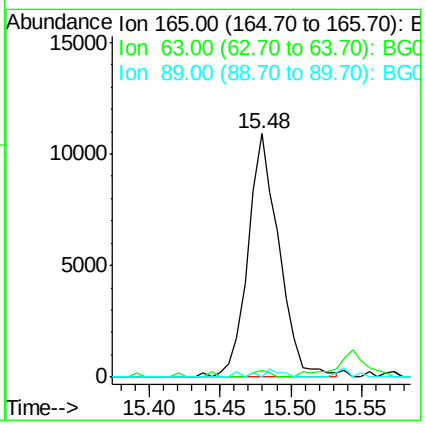


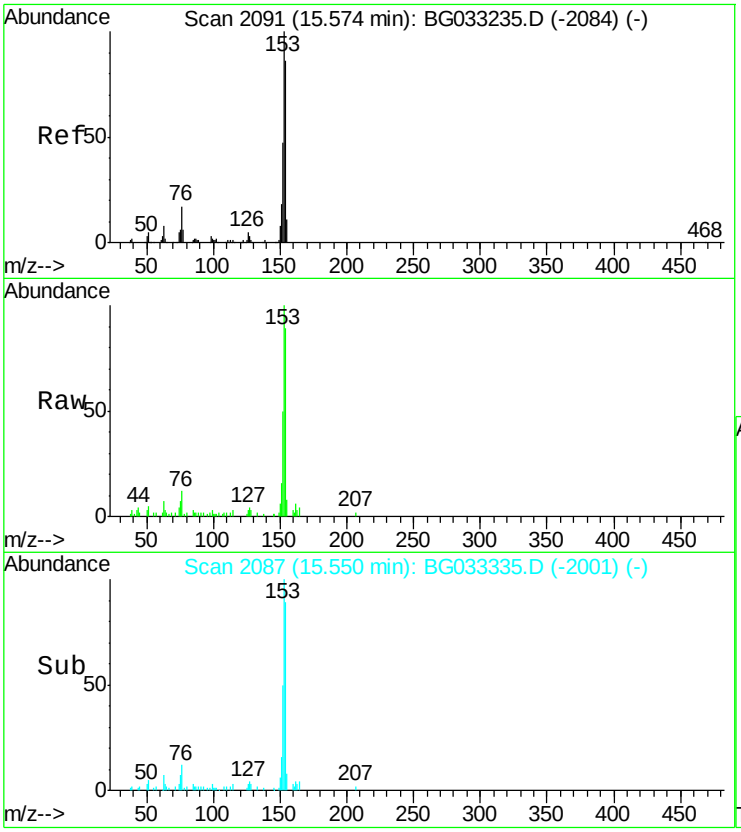


#50
2,6-Dinitrotoluene
Concen: 7.280 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.41 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Tgt Ion:165 Resp: 16826

Ion	Ratio	Lower	Upper
165	100		
63	2.8	52.7	79.1#
89	0.0	49.2	73.8#



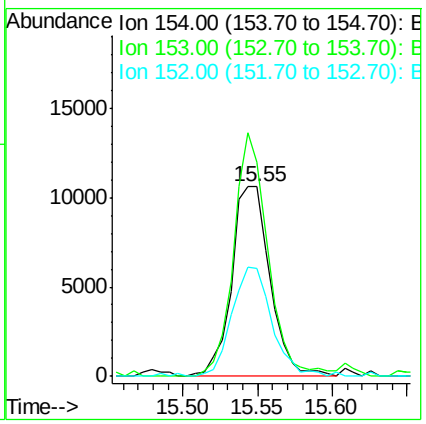


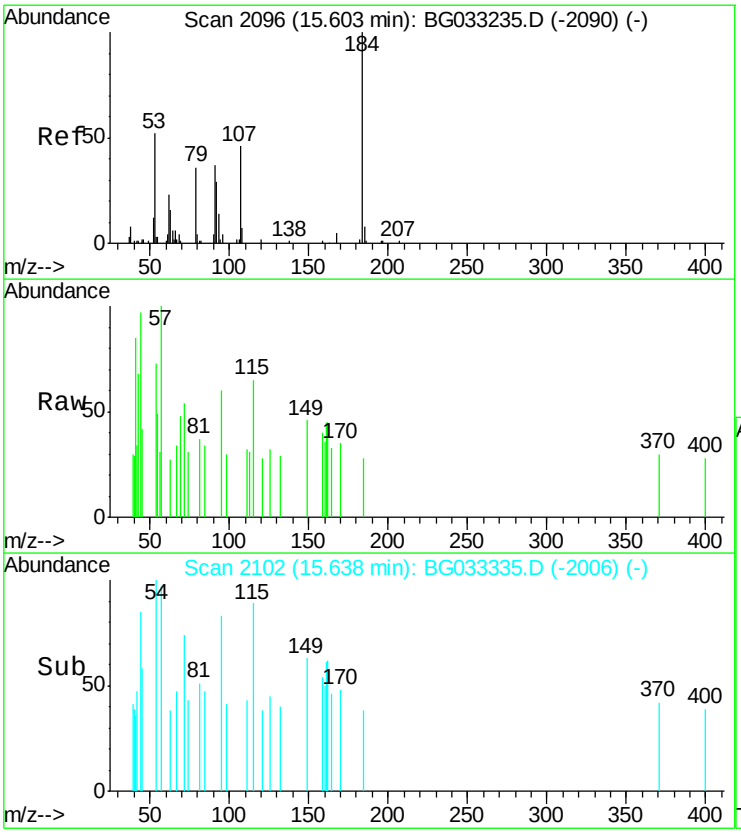
#51
Acenaphthene
Concen: 2.296 ng
RT: 15.55 min Scan# 2087
Delta R.T. -0.03 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 19012

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.4	135.6
152	57.1	41.6	62.4

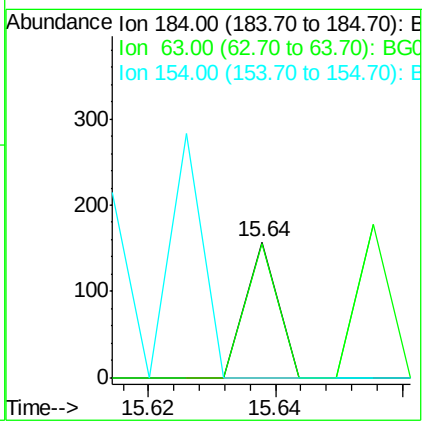


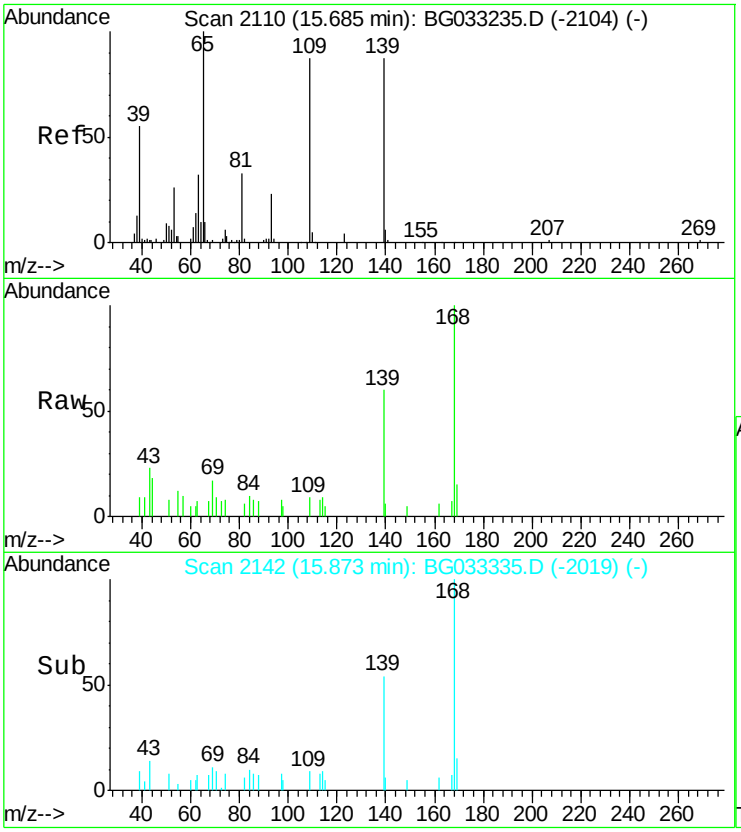


#53
2,4-Dinitrophenol
Concen: 7.684 ng
RT: 15.64 min Scan# 2102
Delta R.T. 0.03 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	98.7	59.8	89.8#
154	0.0	101.8	152.8#



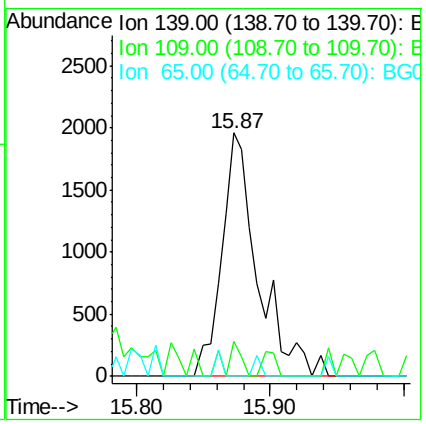


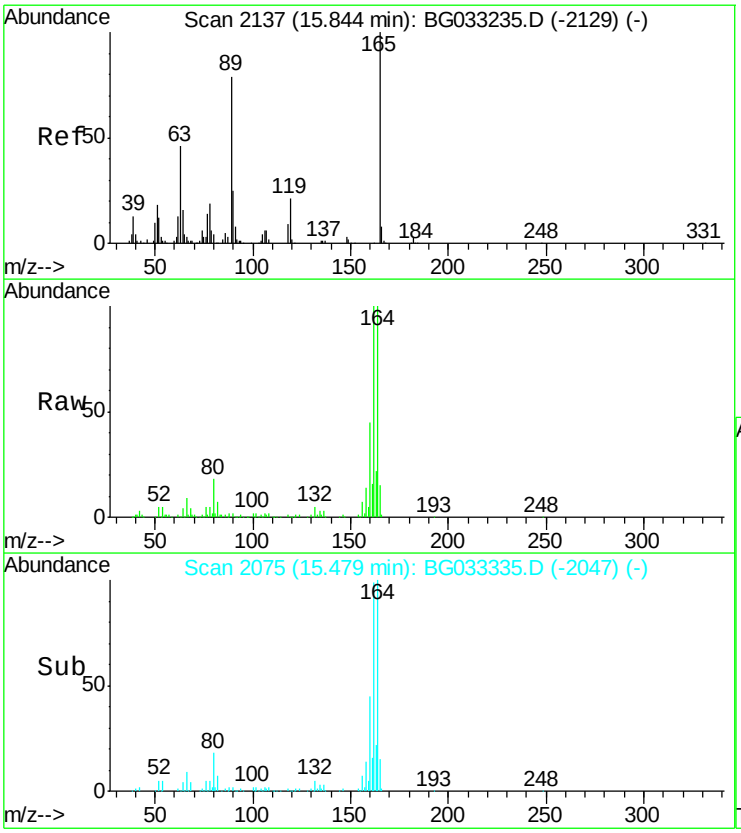
#55
4-Nitrophenol
Concen: 2.178 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.19 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 3712

Ion	Ratio	Lower	Upper
139	100		
109	14.3	62.2	102.2#
65	0.0	97.2	137.2#

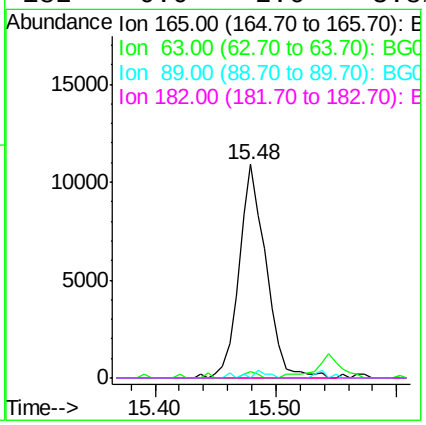


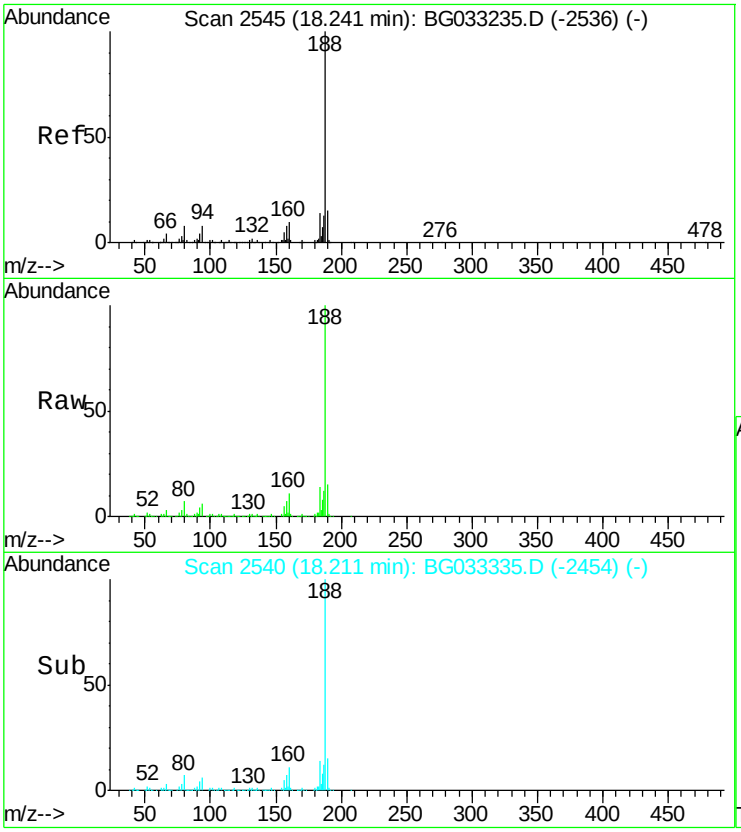


#56
2,4-Dinitrotoluene
Concen: 4.973 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.37 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Tgt Ion:165 Resp: 16925

Ion	Ratio	Lower	Upper
165	100		
63	2.8	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



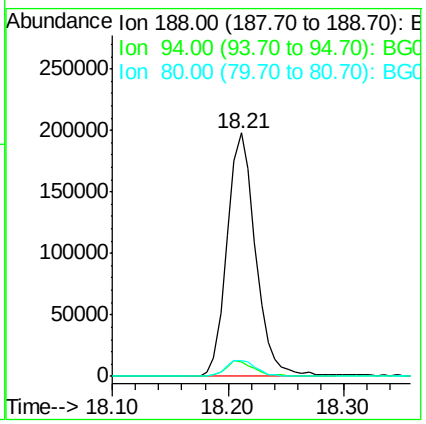


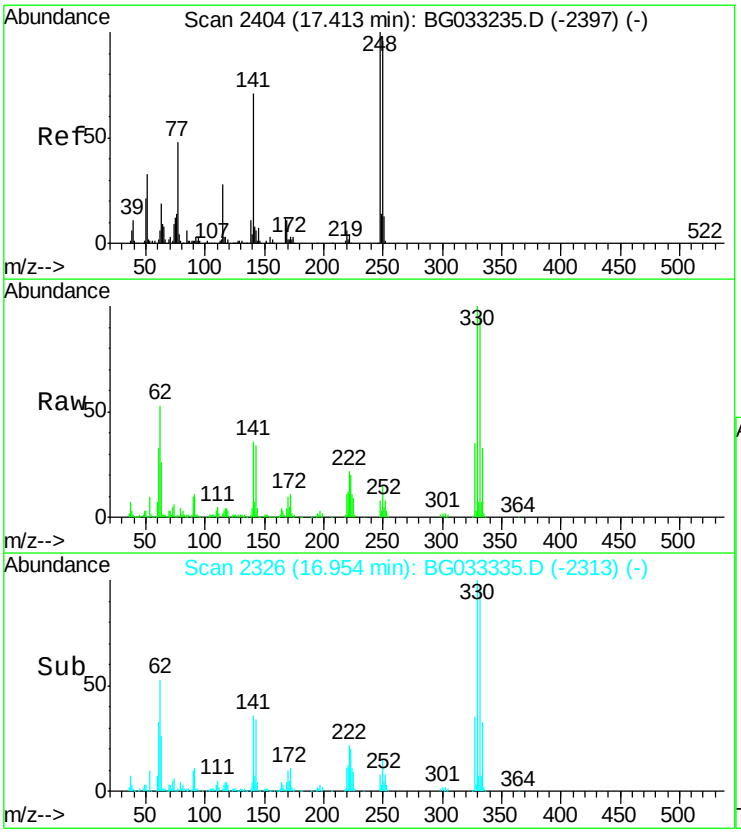
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 339308

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	6.5	7.7	11.5#

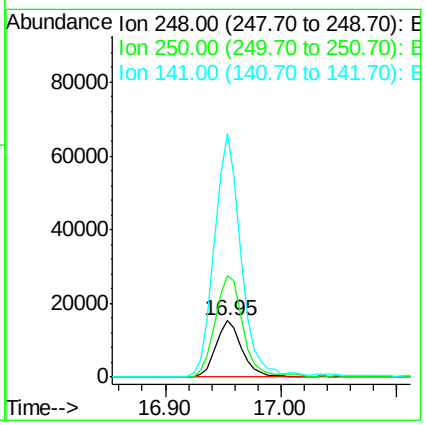


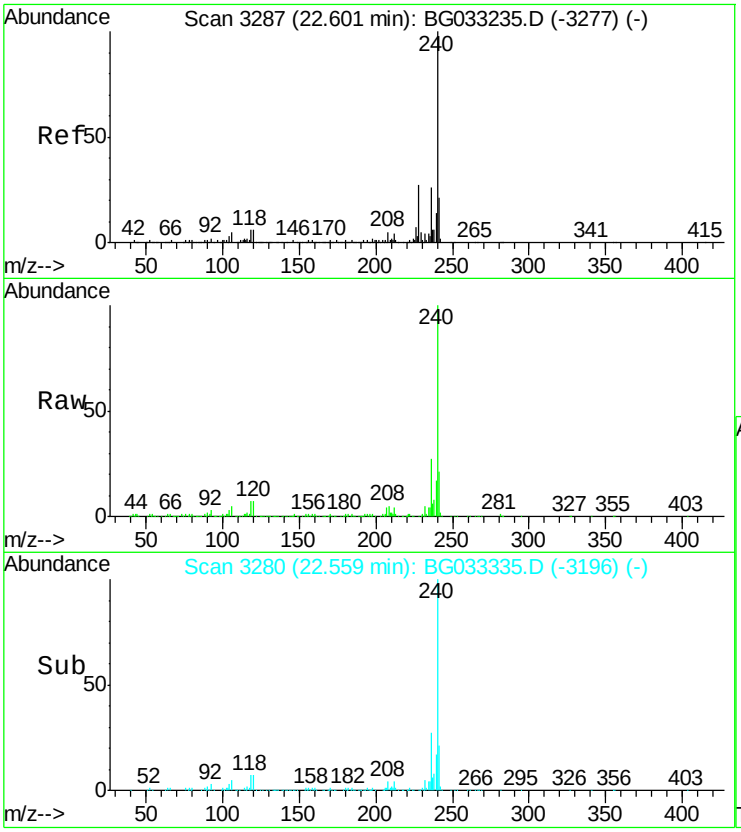


#66
4-Bromophenyl-phenylether
Concen: 6.041 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.46 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Tgt Ion:248 Resp: 24072

Ion	Ratio	Lower	Upper
248	100		
250	178.6	77.1	115.7#
141	429.6	50.8	76.2#



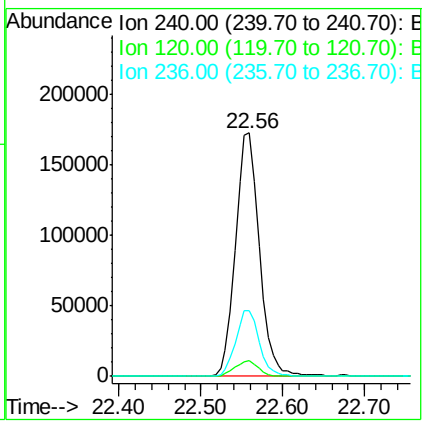


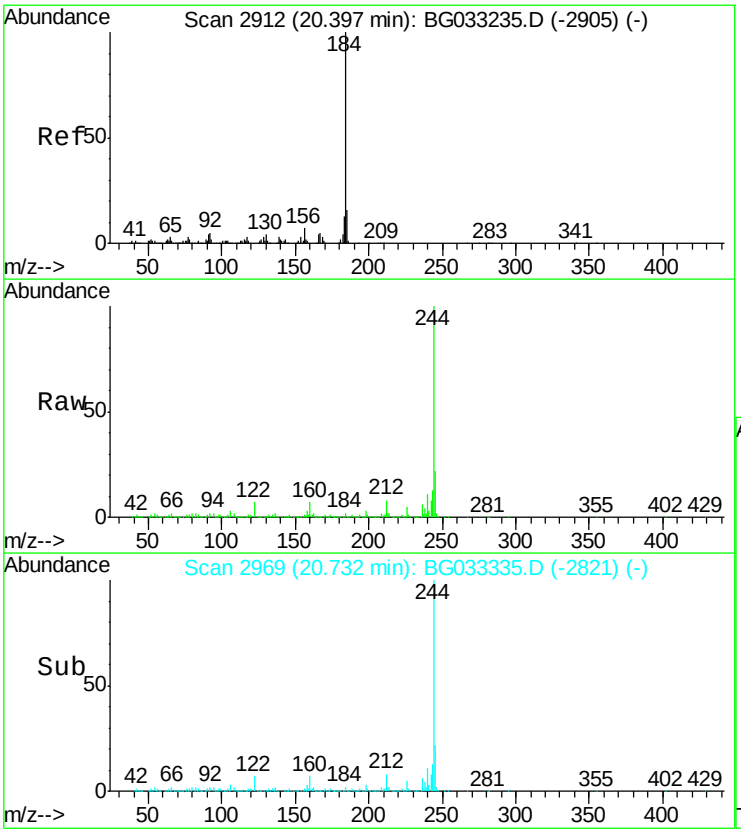
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 351312

Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.8	10.2#
236	26.8	20.9	31.3

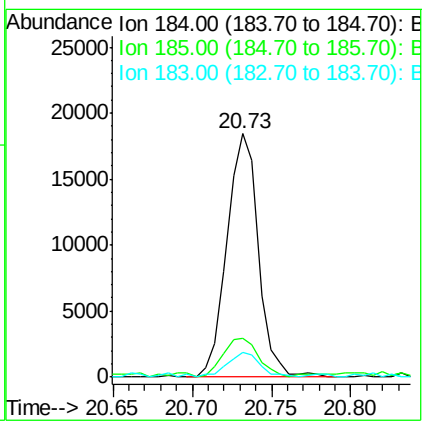


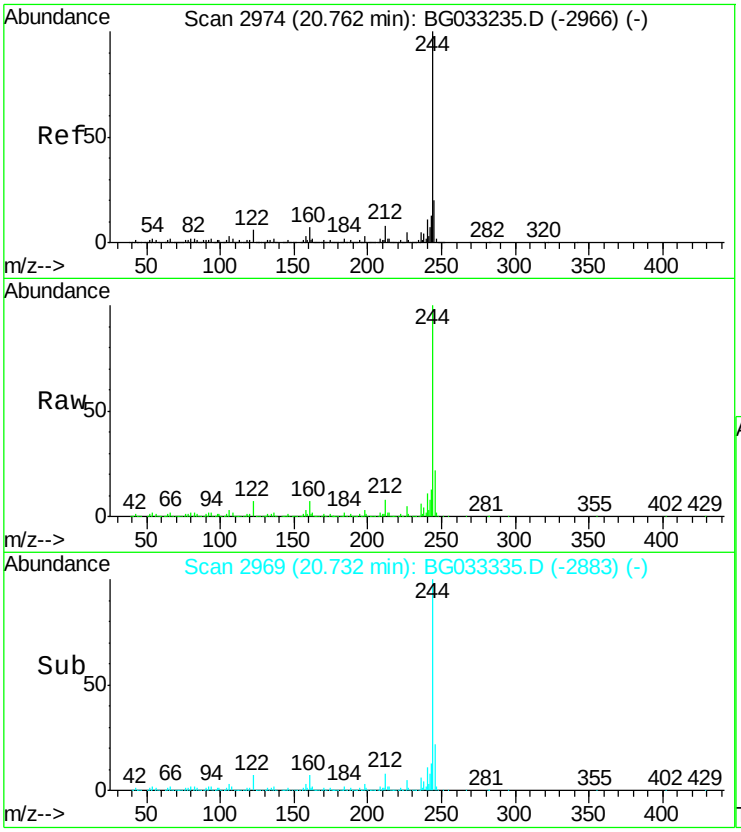


#76
Benzidine
Concen: 2.653 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.34 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Tgt Ion:184 Resp: 25271

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.1	16.7
183	10.1	10.6	16.0#



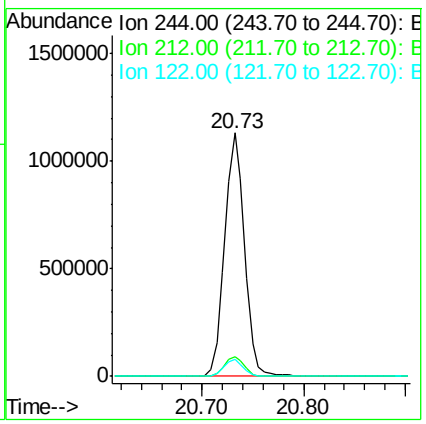


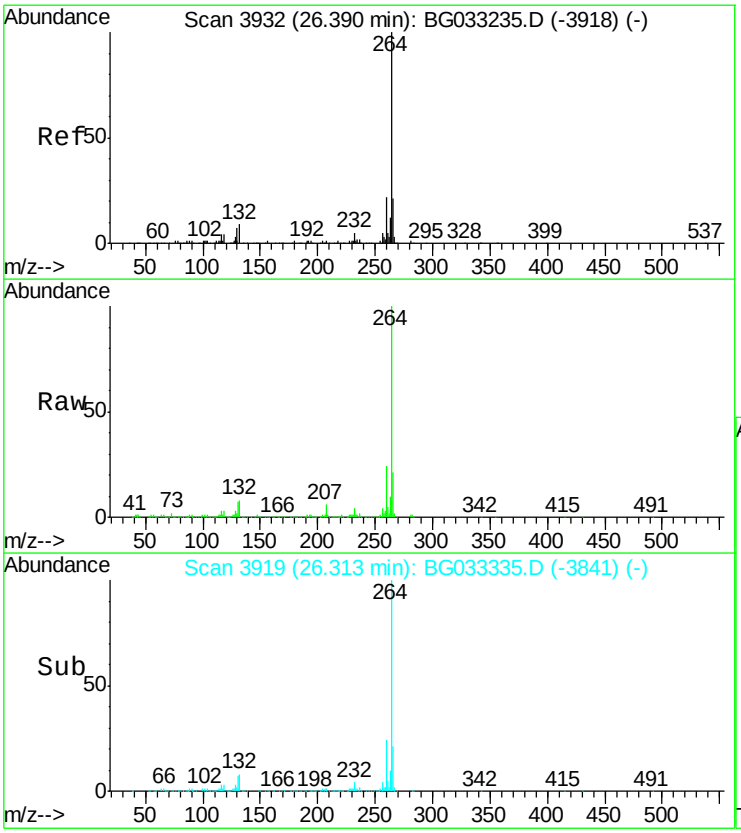
#78
Terphenyl-d14
Concen: 93.717 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.03 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1539511

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.07 min
Lab File: BG033335.D
Acq: 26 Mar 2018 18:40

Tgt Ion:264 Resp: 387763

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.8	17.7	26.5