Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033540.D
Acq On : 4 Apr 2018 1:58
Operator : SJ/JU
Sample : J2131-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 04 04:37:06 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	8.87	152	30497	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	133710	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	111699	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	310689	20.00	ng	0.00
75) Chrysene-d12	22.56	240	325205	20.00	ng	0.00
86) Perylene-d12	26.33	264	292781	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	281725	173.22	ng	0.00
7) Phenol-d6	7.98	99	400542	143.33	ng	0.00
23) Nitrobenzene-d5	10.06	82	320690	110.19	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	259947	155.60	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	782078	101.08	ng	0.00
78) Terphenyl-d14	20.73	244	1608787	105.80	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.19	79	5288	2.403	ng	# 44
19) n-Nitroso-di-n-propylamine	10.06	70	42784	20.894	ng	# 84
31) Naphthalene	11.80	128	24913	3.596	ng	# 91
50) 2,6-Dinitrotoluene	15.47	165	13770	6.928	ng	# 20
53) 2,4-Dinitrophenol	15.23	184	54	7.690	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	13770	4.705	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	19739	5.410	ng	# 1
76) Benzidine	20.73	184	28247	3.203	ng	97

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

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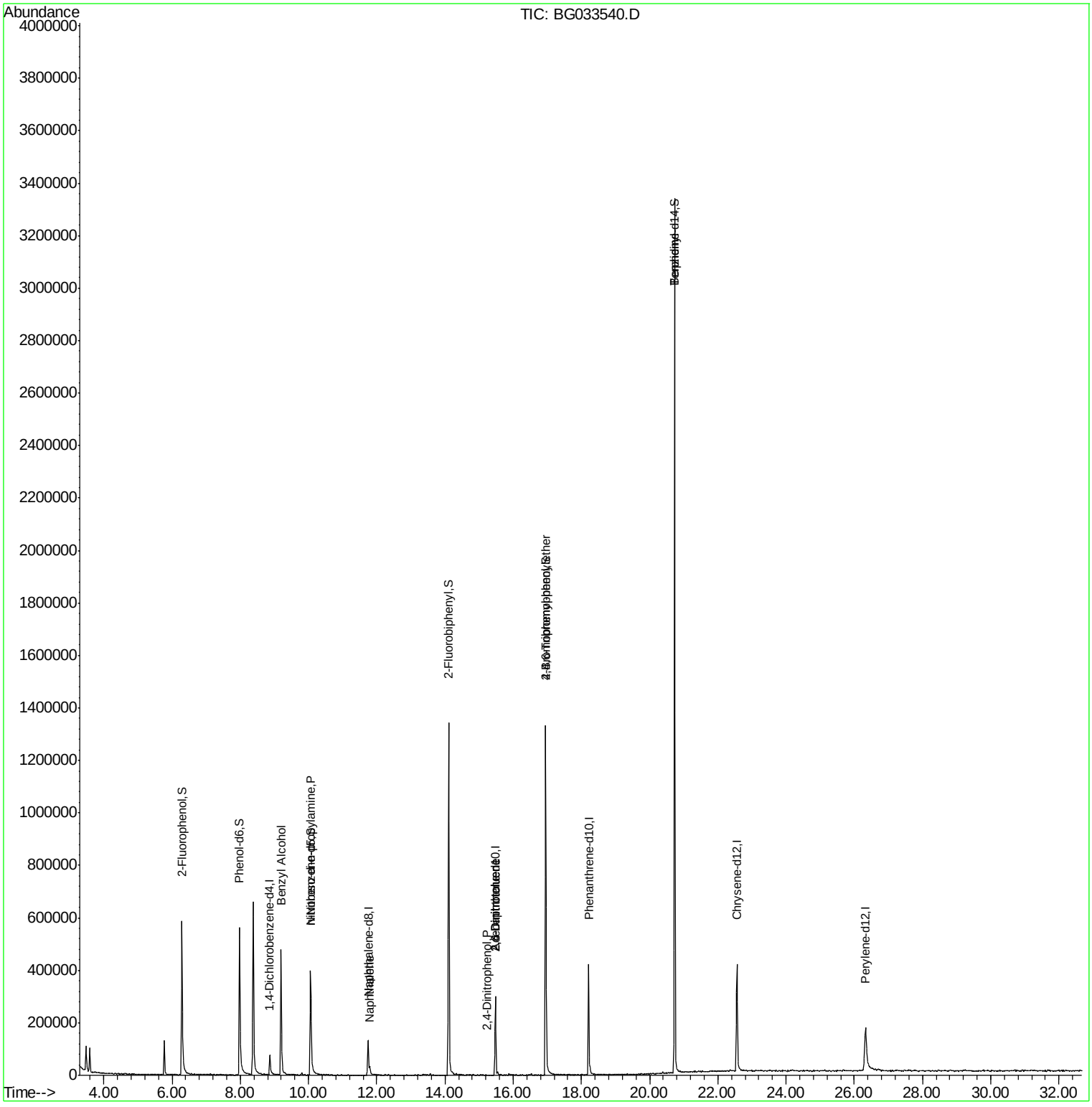
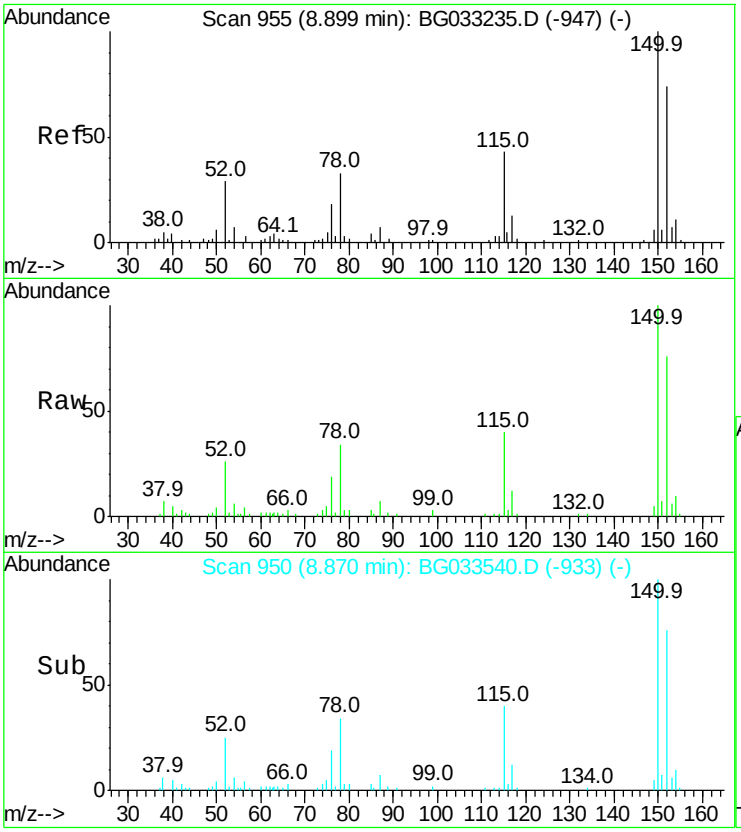


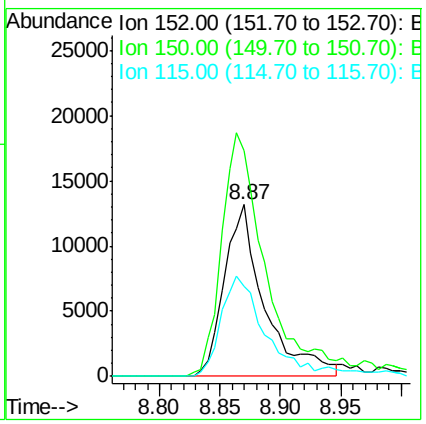


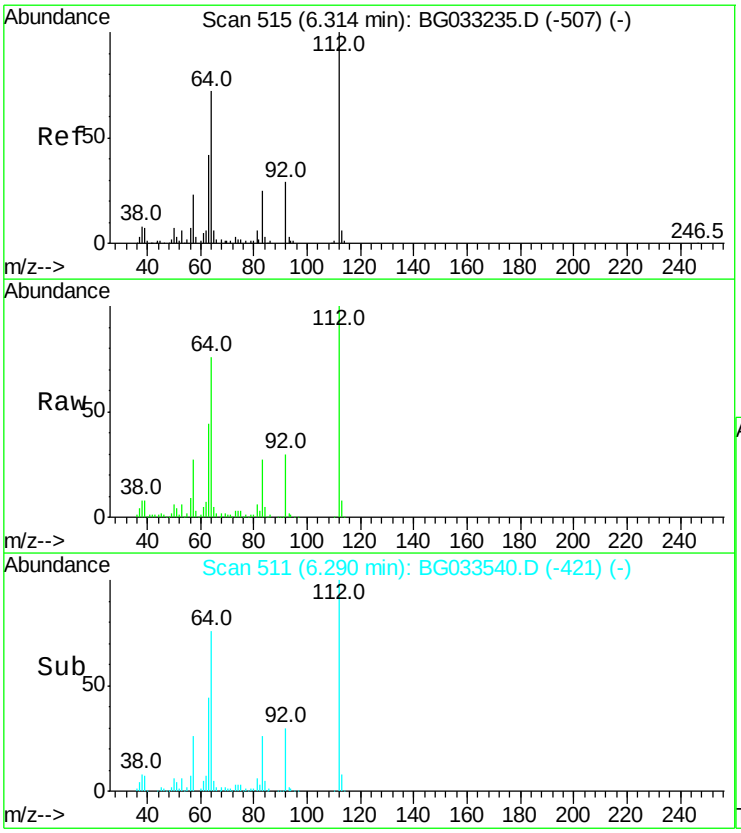
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30497

Ion	Ratio	Lower	Upper
152	100		
150	131.3	126.6	189.8
115	52.6	53.0	79.4#

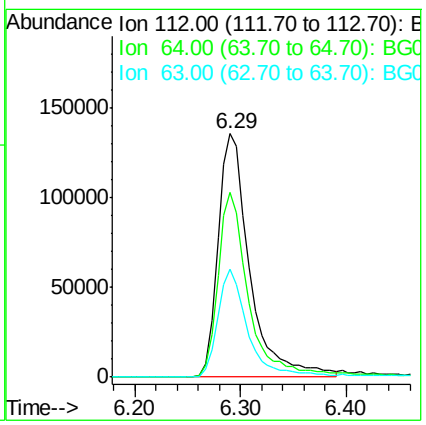


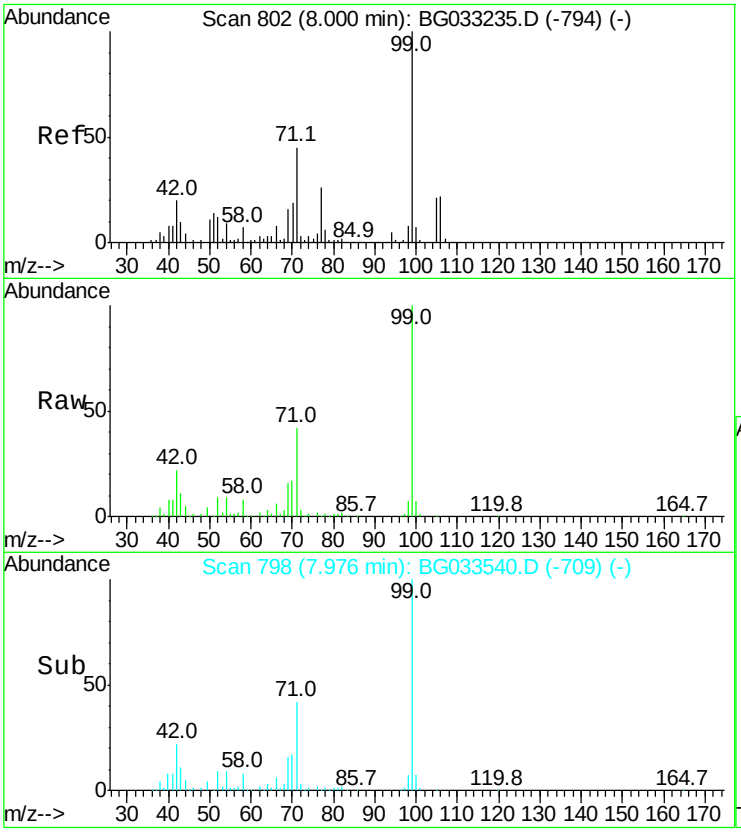


#5
2-Fluorophenol
Concen: 173.220 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Tgt Ion:112 Resp: 281725

Ion	Ratio	Lower	Upper
112	100		
64	76.0	56.3	84.5
63	44.4	30.1	45.1



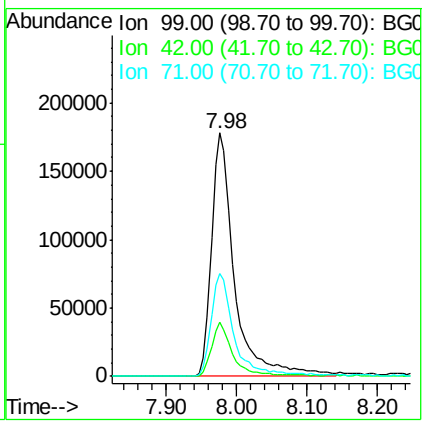


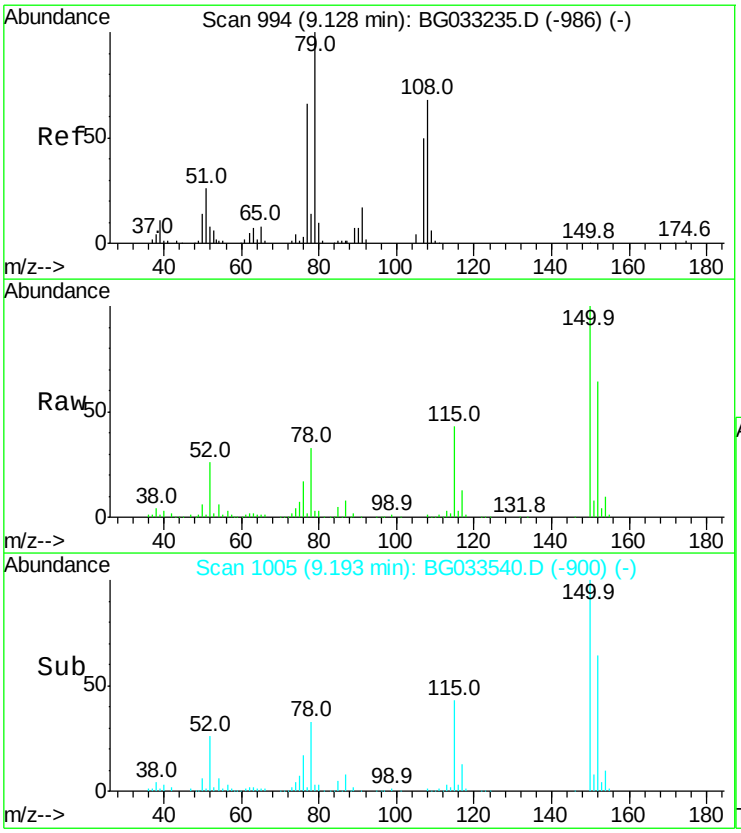
#7
Phenol-d6
Concen: 143.333 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 400542

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.1	21.1#
71	42.0	26.1	39.1#

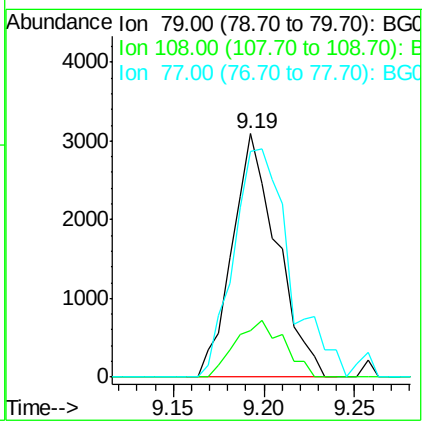


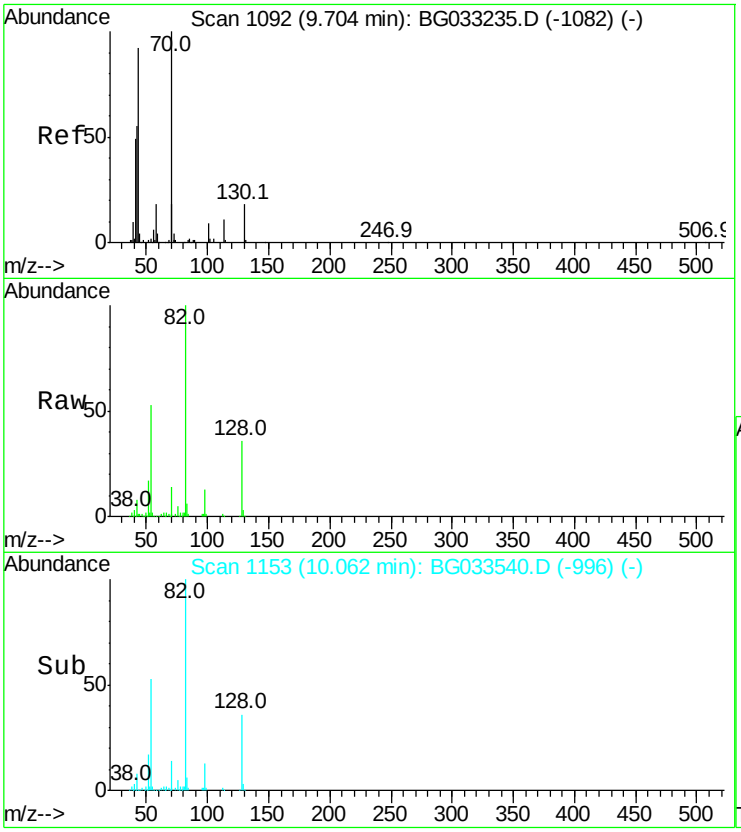


#15
Benzyl Alcohol
Concen: 2.403 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.09 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Tgt Ion: 79 Resp: 5288

Ion	Ratio	Lower	Upper
79	100		
108	19.0	57.2	85.8#
77	92.8	46.1	69.1#



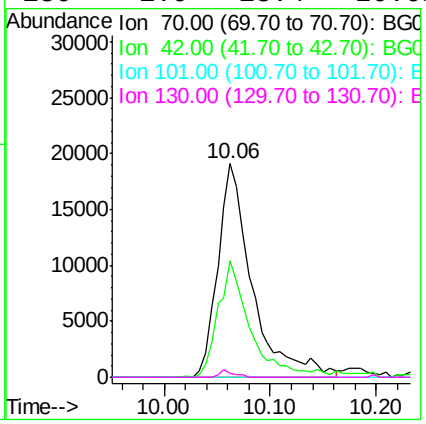


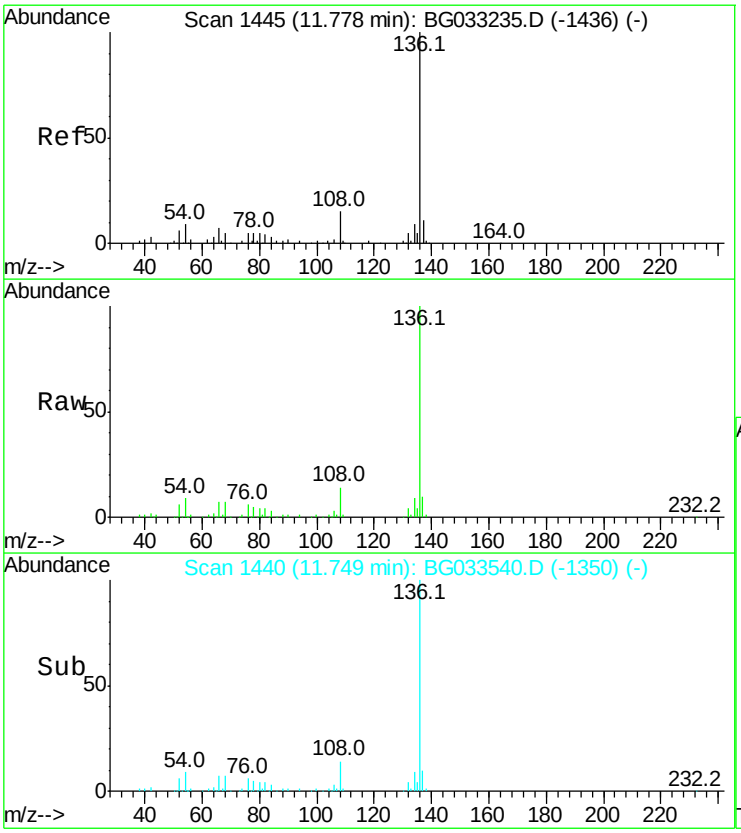
#19
n-Nitroso-di-n-propylamine
Concen: 20.894 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 42784

Ion	Ratio	Lower	Upper
70	100		
42	54.4	49.1	73.7
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#

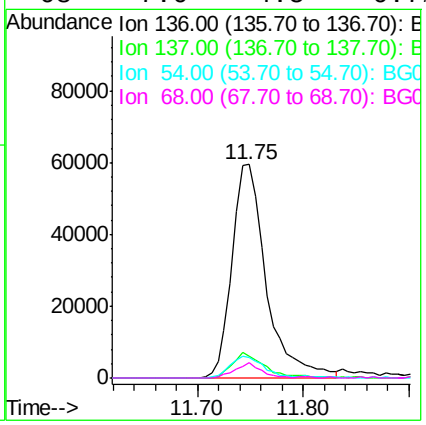


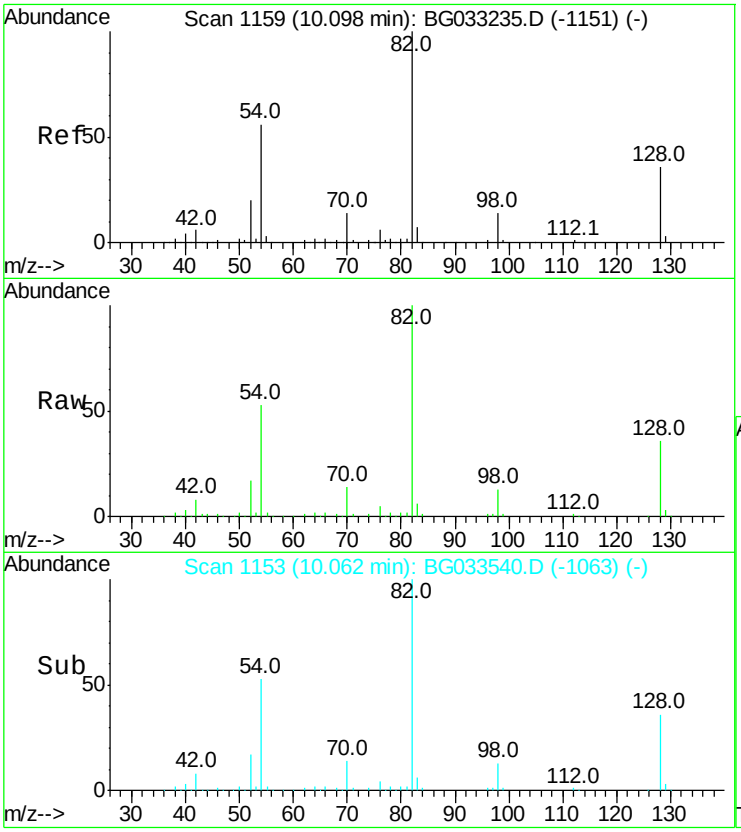


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Tgt Ion:136 Resp: 133710

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	9.7	10.3	15.5#
68	7.0	4.5	6.7#



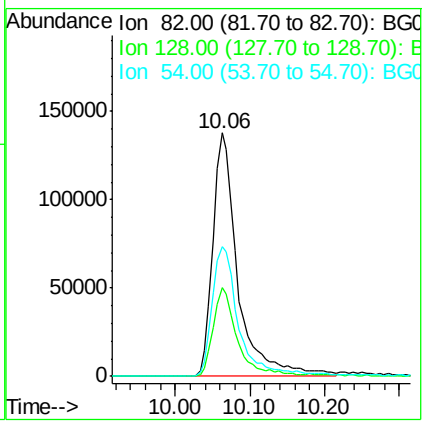


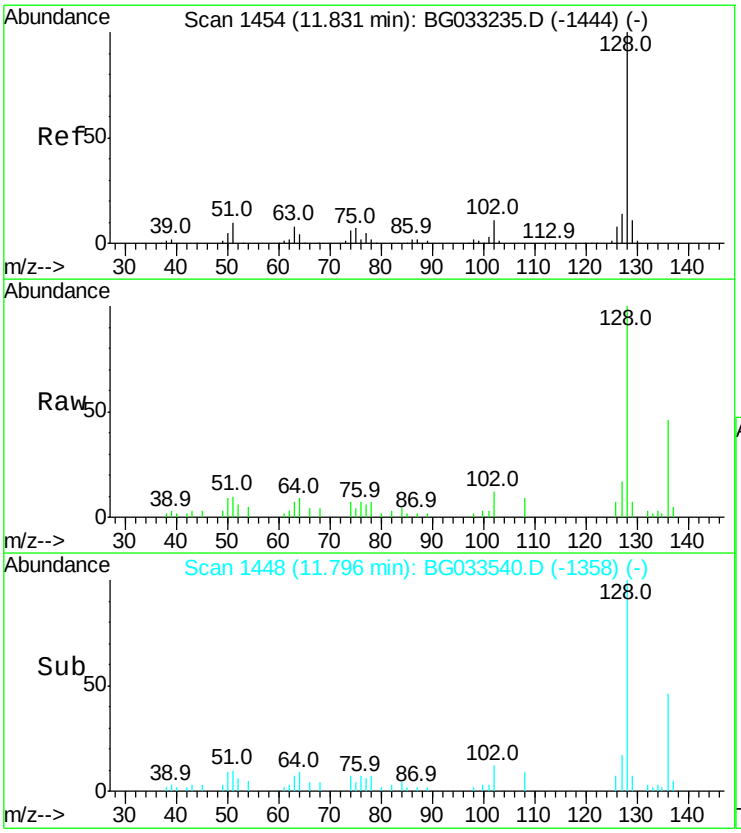
#23
Nitrobenzene-d5
Concen: 110.192 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 320690

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.7	44.5
54	53.3	43.1	64.7

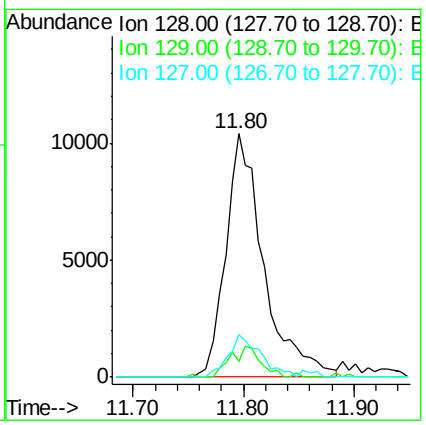


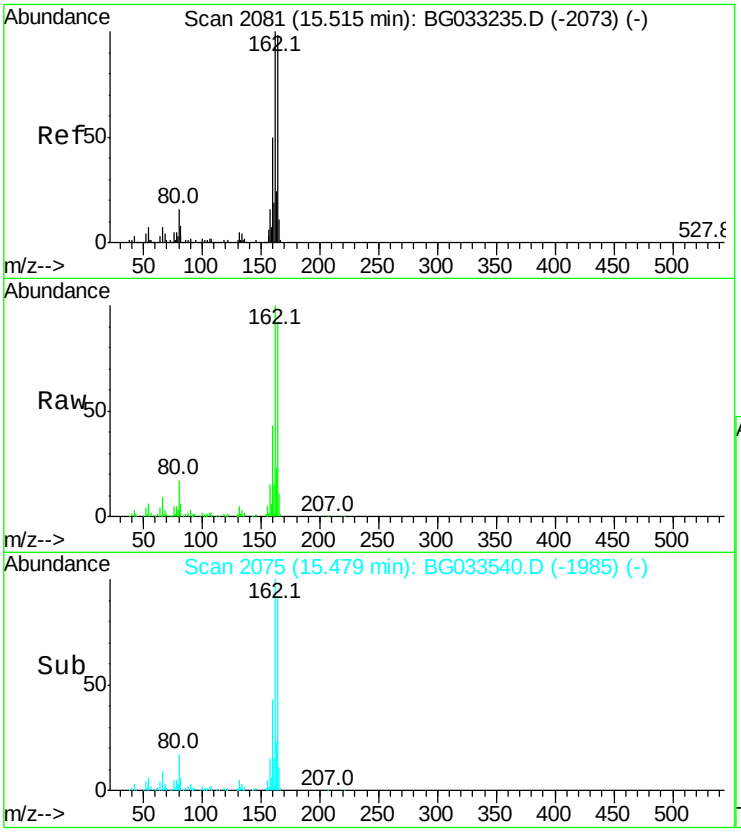


#31
Naphthalene
Concen: 3.596 ng
RT: 11.80 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Tgt Ion:128 Resp: 24913

Ion	Ratio	Lower	Upper
128	100		
129	6.7	8.6	12.8#
127	17.5	11.6	17.4#



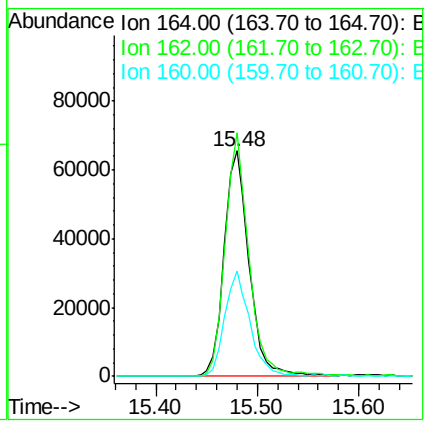


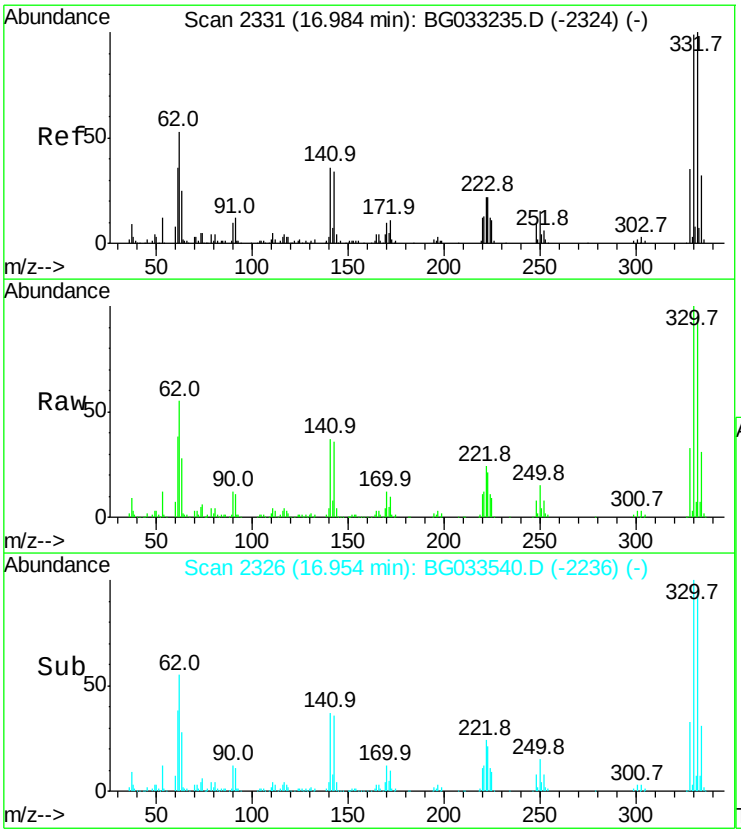
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 111699

Ion	Ratio	Lower	Upper
164	100		
162	108.2	78.8	118.2
160	46.9	35.4	53.0

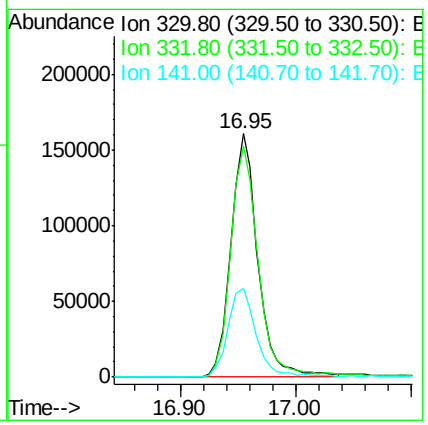


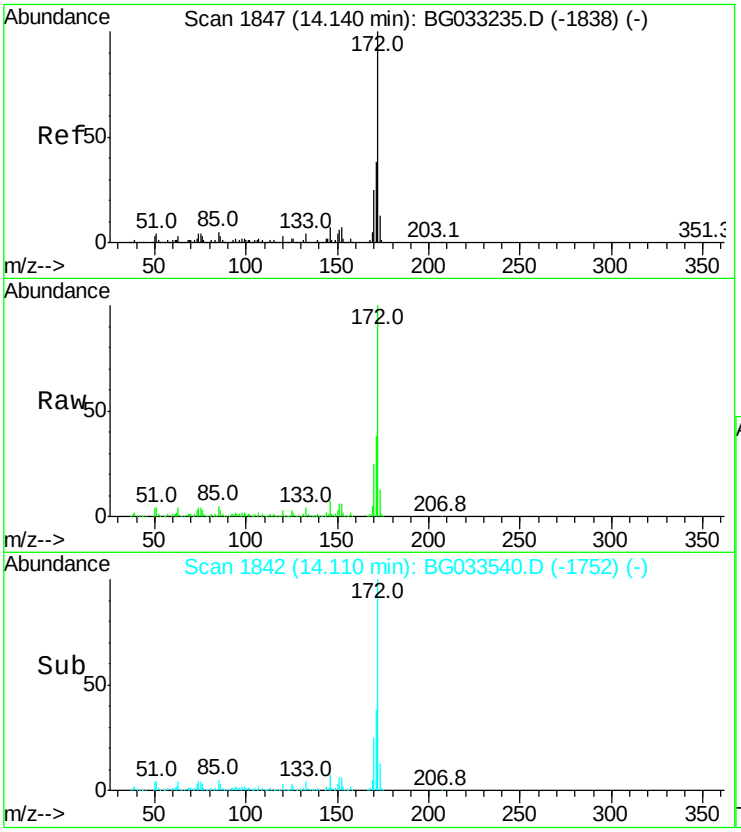


#41
2,4,6-Tribromophenol
Concen: 155.602 ng
RT: 16.95 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Tgt Ion:330 Resp: 259947

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	38.7	25.2	37.8#



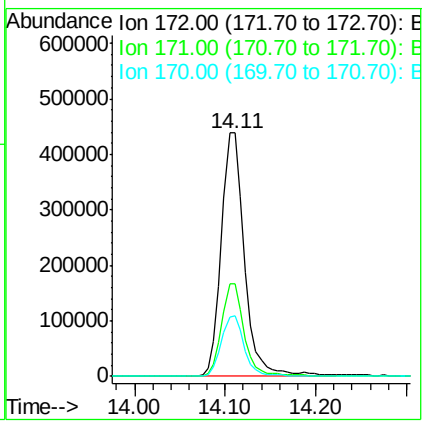


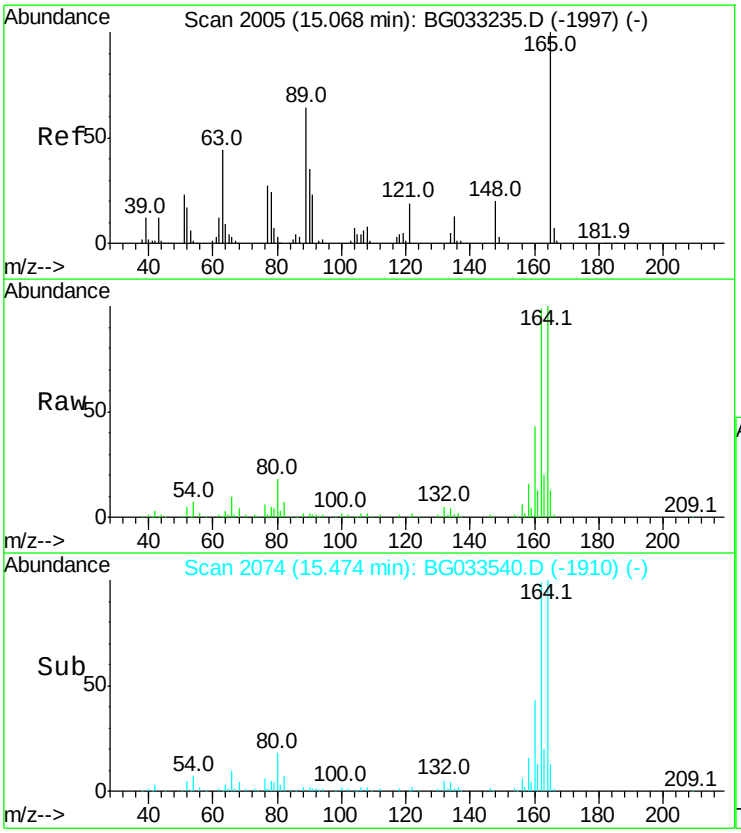
#44
2-Fluorobiphenyl
Concen: 101.078 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 782078

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.9	19.5	29.3

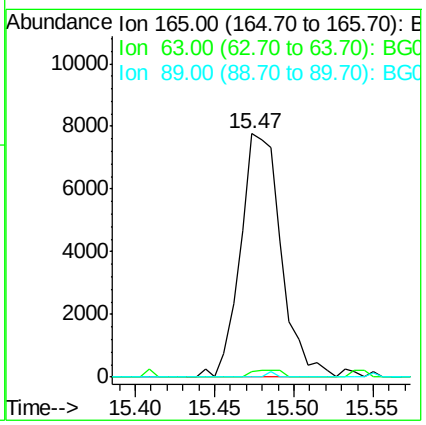


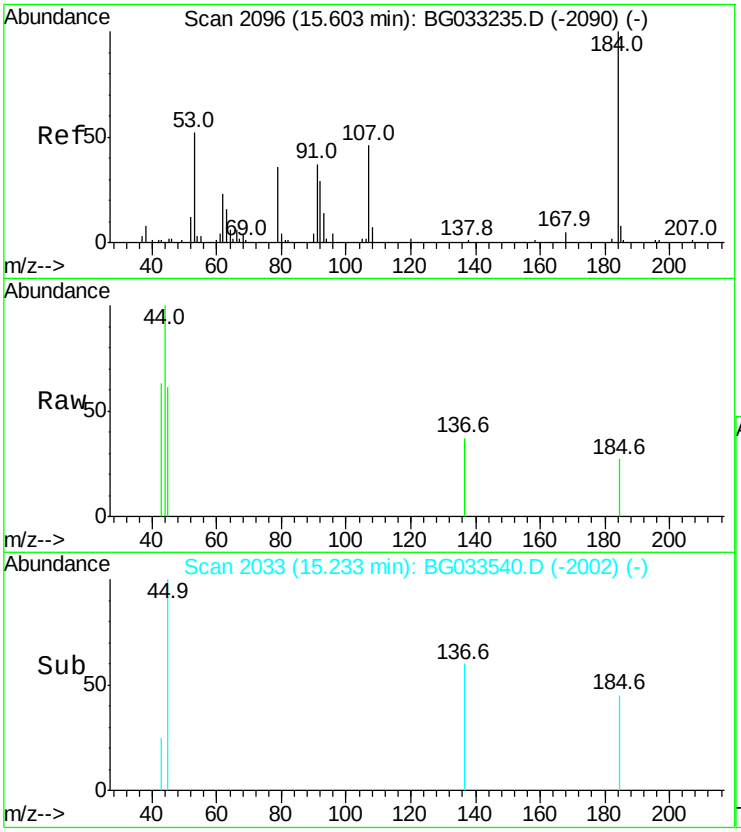


#50
2,6-Dinitrotoluene
Concen: 6.928 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.43 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Tgt Ion:165 Resp: 13770

Ion	Ratio	Lower	Upper
165	100		
63	2.1	52.7	79.1#
89	0.0	49.2	73.8#



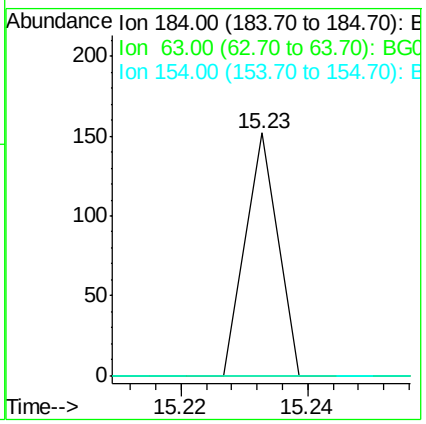


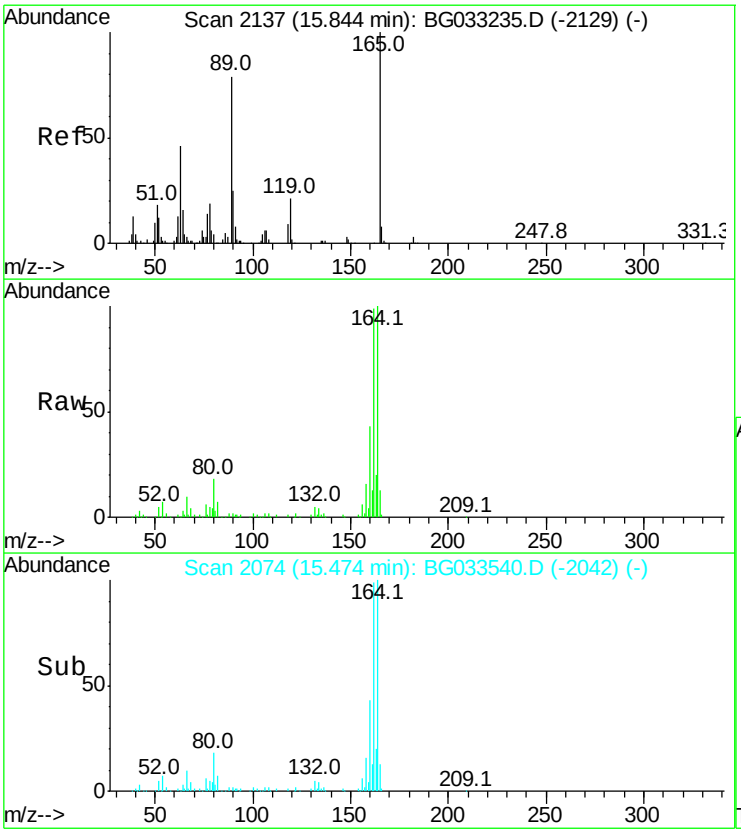
#53
2,4-Dinitrophenol
Concen: 7.690 ng
RT: 15.23 min Scan# 2033
Delta R.T. -0.35 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 54

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

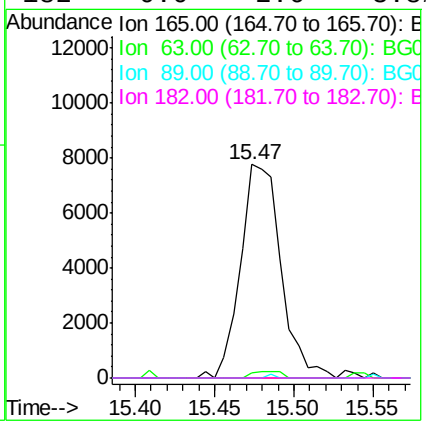


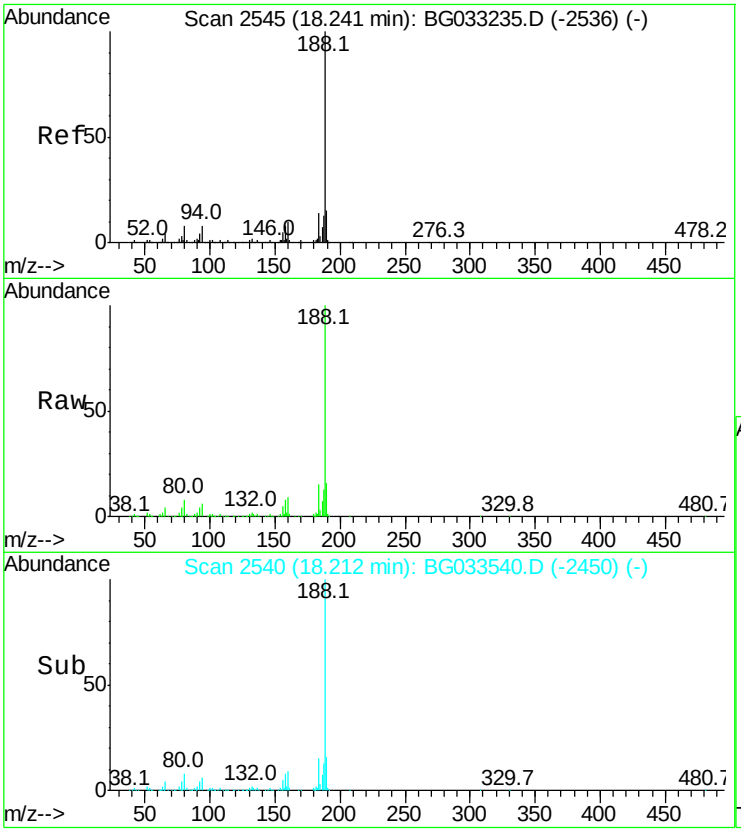


#56
2,4-Dinitrotoluene
Concen: 4.705 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Tgt Ion:165 Resp: 13770

Ion	Ratio	Lower	Upper
165	100		
63	2.1	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



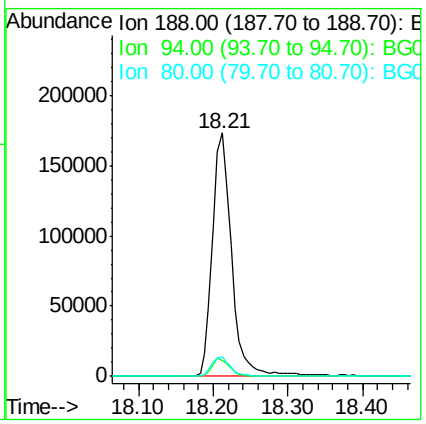


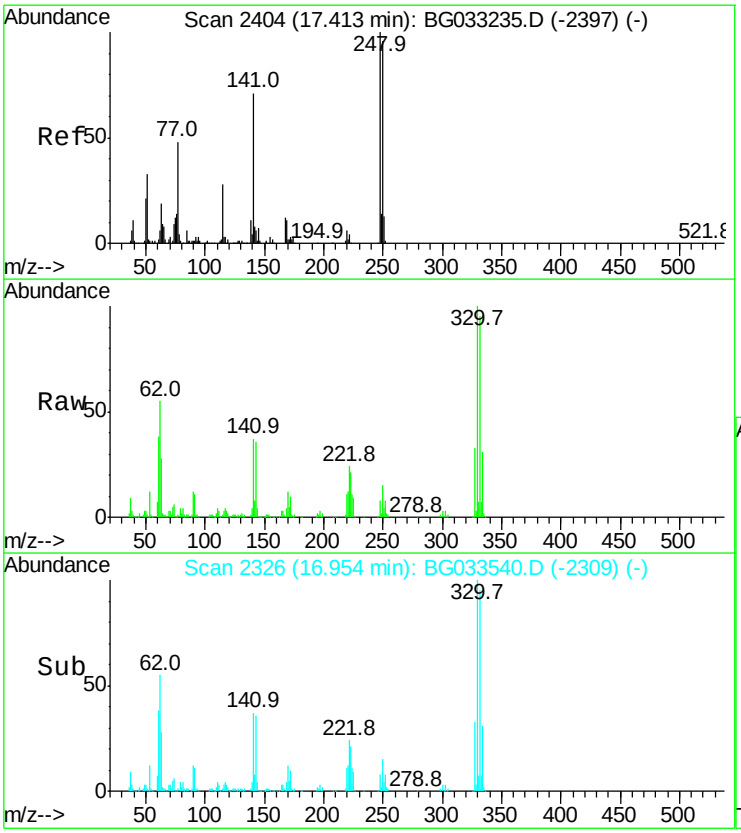
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 310689

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	8.0	7.7	11.5

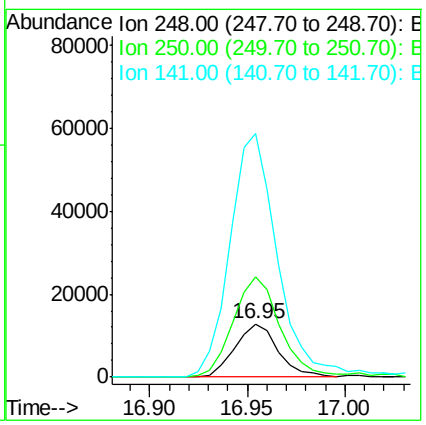


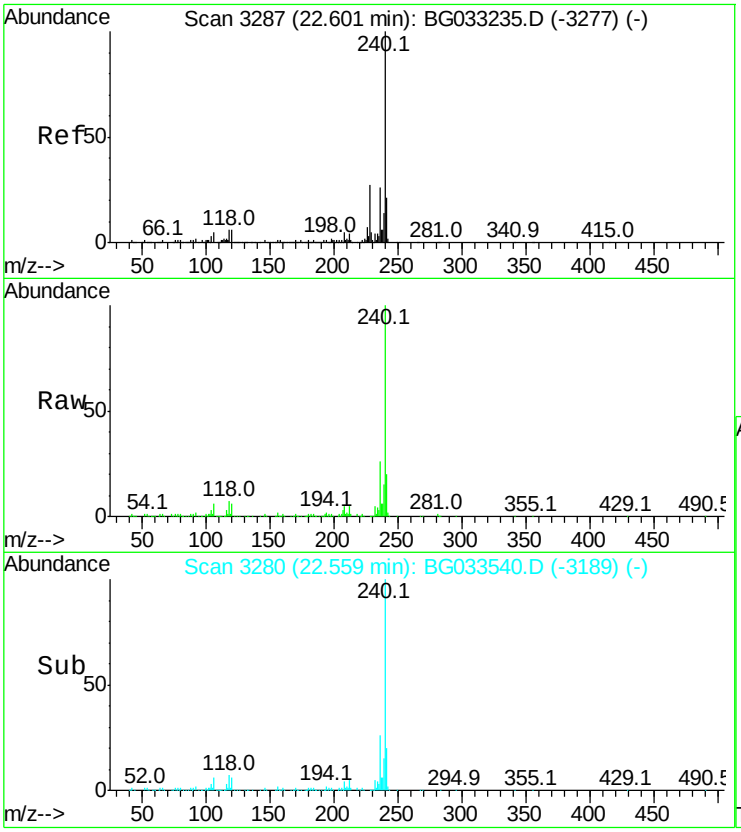


#66
4-Bromophenyl-phenylether
Concen: 5.410 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Tgt Ion:248 Resp: 19739

Ion	Ratio	Lower	Upper
248	100		
250	189.5	77.1	115.7#
141	458.6	50.8	76.2#



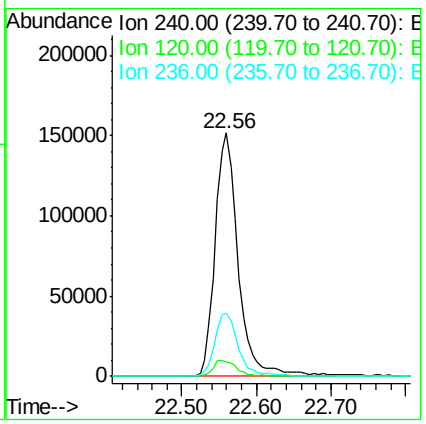


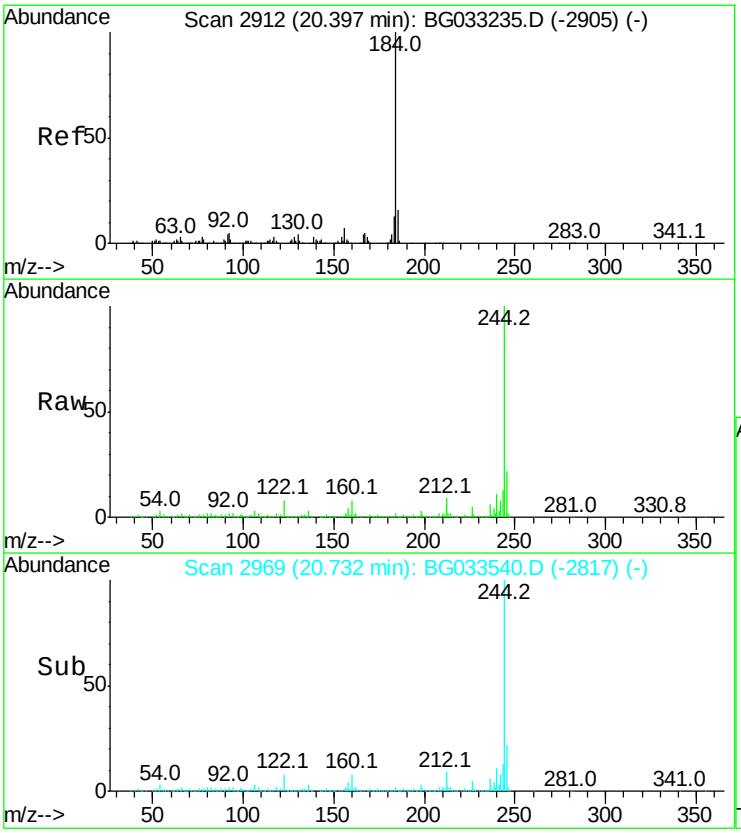
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. 0.01 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 325205

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	26.2	20.9	31.3

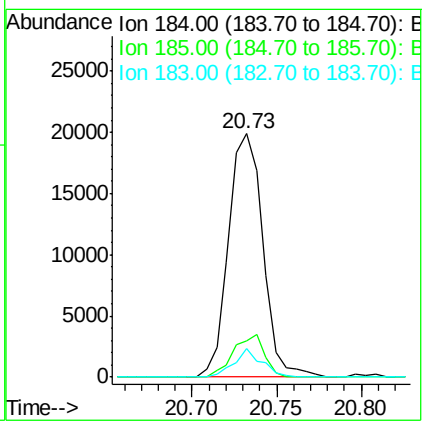


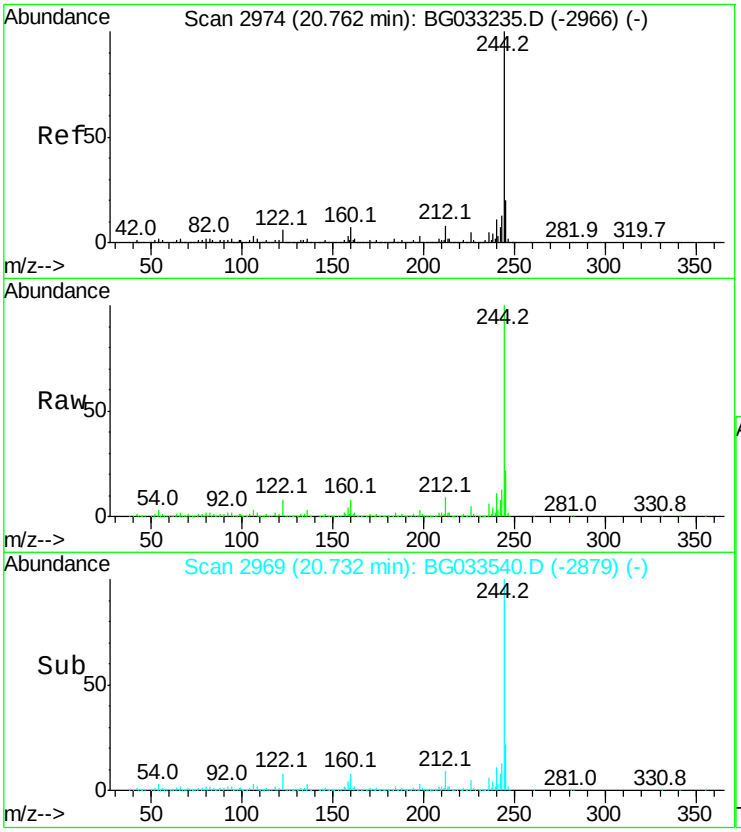


#76
Benzidine
Concen: 3.203 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.36 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Tgt Ion:184 Resp: 28247

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.1	16.7
183	11.9	10.6	16.0



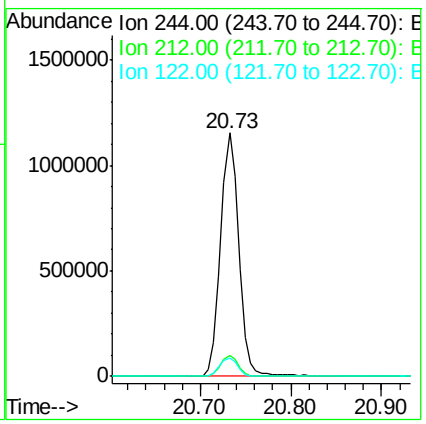


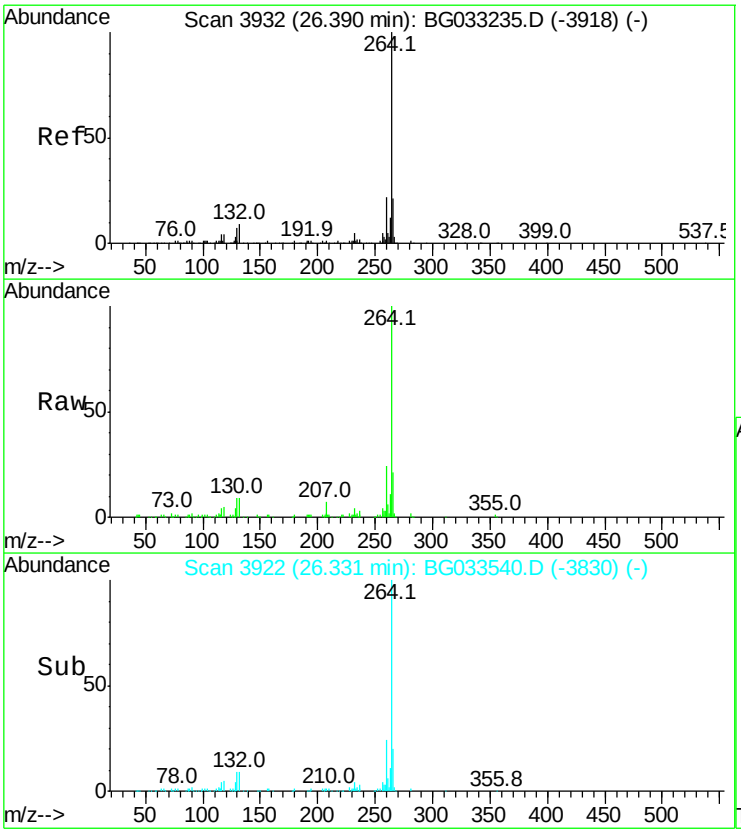
#78
Terphenyl-d14
Concen: 105.797 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BG033540.D
Acq: 4 Apr 2018 1:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1608787

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.5	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: BG033540.D
Acq: 4 Apr 2018 1:58

Tgt Ion:264 Resp: 292781

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.7	17.7	26.5