Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
Data File : BG033438.D
Acq On : 30 Mar 2018 2:28
Operator : SJ/JU
Sample : J2100-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 30 07:43:10 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	31486	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	135993	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	115079	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	334101	20.00	ng	0.00
75) Chrysene-d12	22.56	240	350968	20.00	ng	0.00
86) Perylene-d12	26.33	264	383187	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	268117	159.67	ng	0.00
7) Phenol-d6	7.98	99	385989	133.79	ng	0.00
23) Nitrobenzene-d5	10.06	82	293549	99.17	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	272614	158.39	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	748994	93.96	ng	0.00
78) Terphenyl-d14	20.73	244	1601344	97.58	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.19	79	4669	2.055	ng	# 36
19) n-Nitroso-di-n-propylamine	10.06	70	40215	19.022	ng	# 78
50) 2,6-Dinitrotoluene	15.49	165	14062	6.867	ng	# 21
53) 2,4-Dinitrophenol	15.13	184	58	7.692	ng	# 1
56) 2,4-Dinitrotoluene	15.49	165	14062	4.664	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	21374	5.447	ng	# 1
76) Benzidine	20.73	184	26208	2.754	ng	# 88

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

Quantitation Report (Not Reviewed)

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Acq On : 30 Mar 2018 2:28
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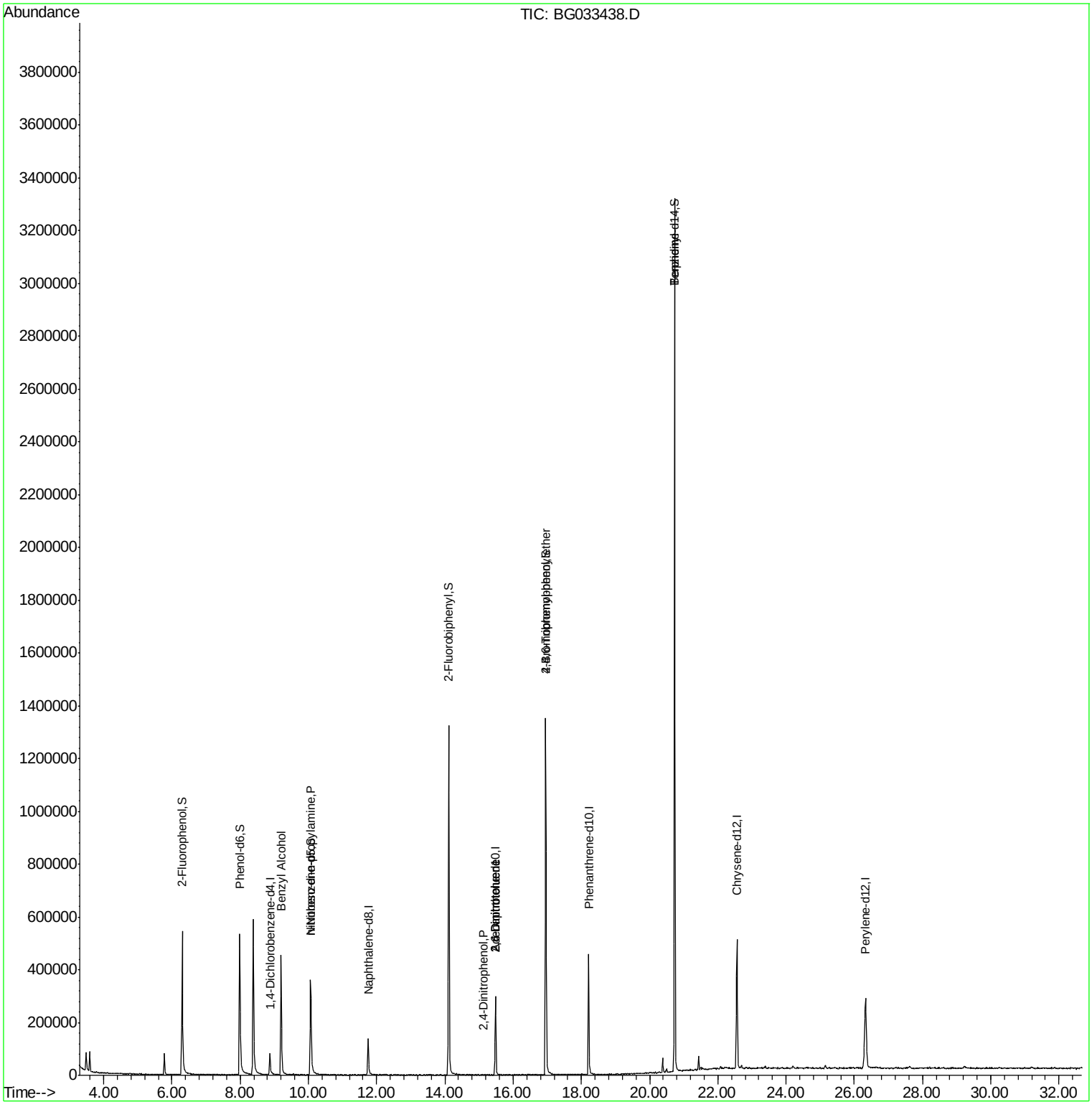
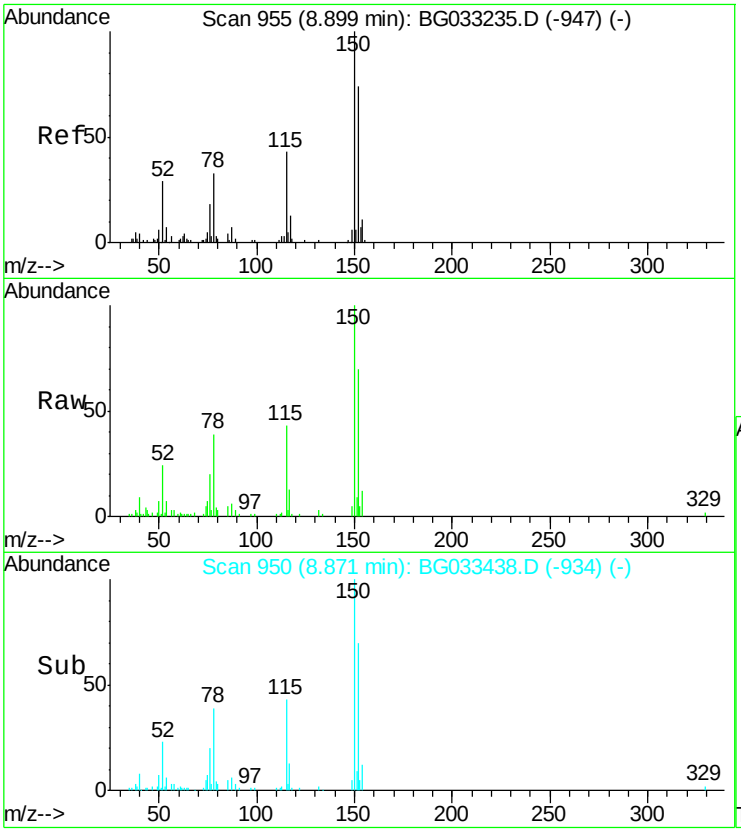


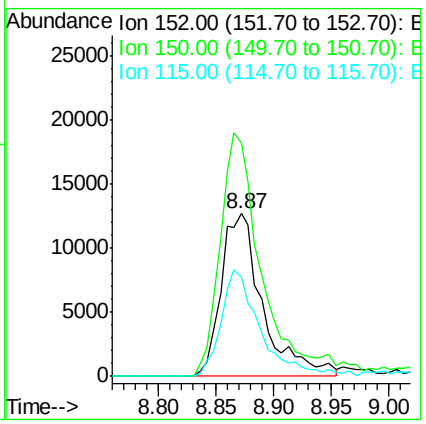


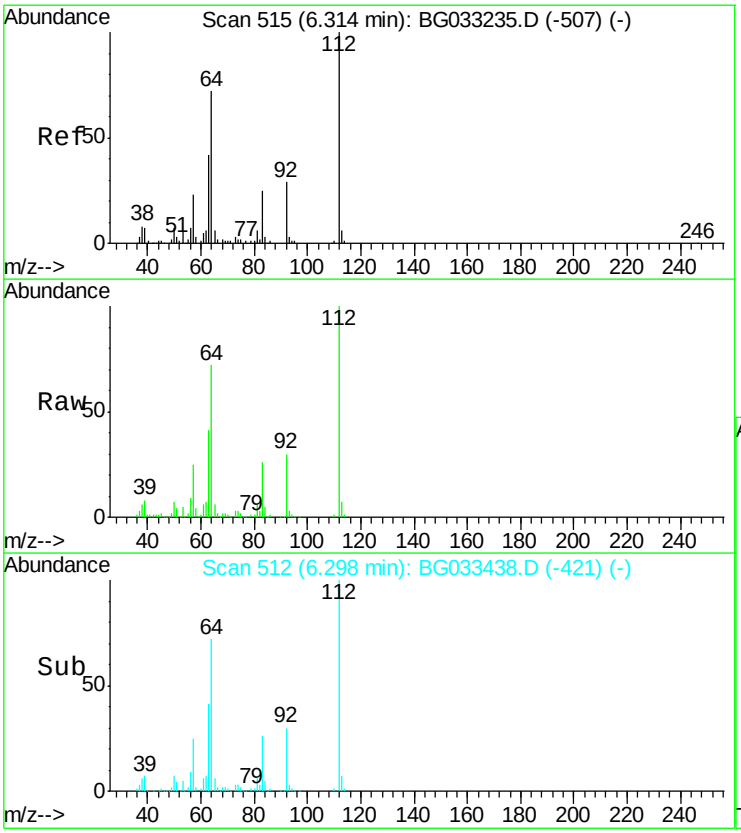
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 31486

Ion	Ratio	Lower	Upper
152	100		
150	143.7	126.6	189.8
115	61.1	53.0	79.4

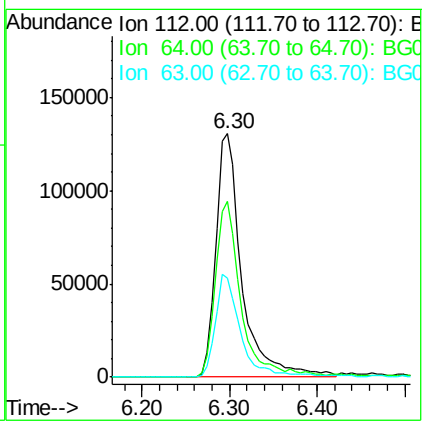


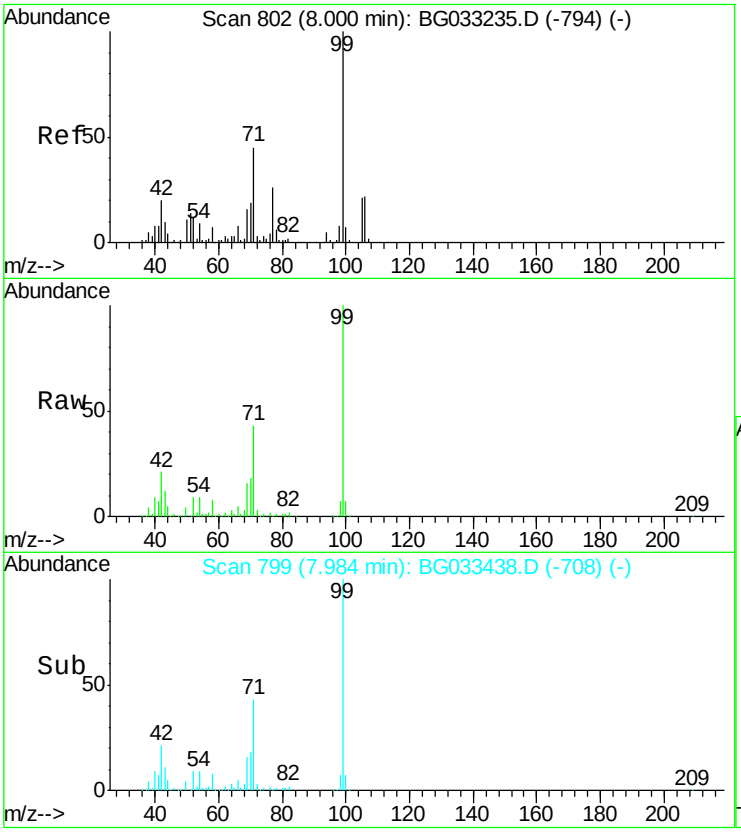


#5
2-Fluorophenol
Concen: 159.675 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Tgt Ion:112 Resp: 268117

Ion	Ratio	Lower	Upper
112	100		
64	72.1	56.3	84.5
63	40.7	30.1	45.1



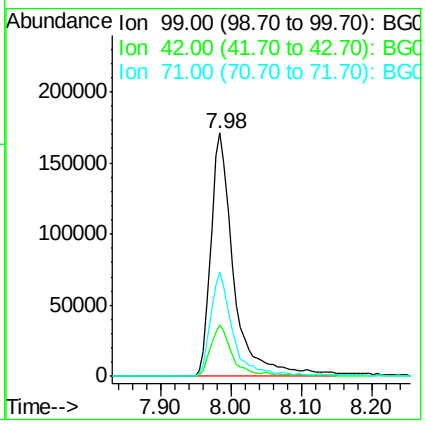


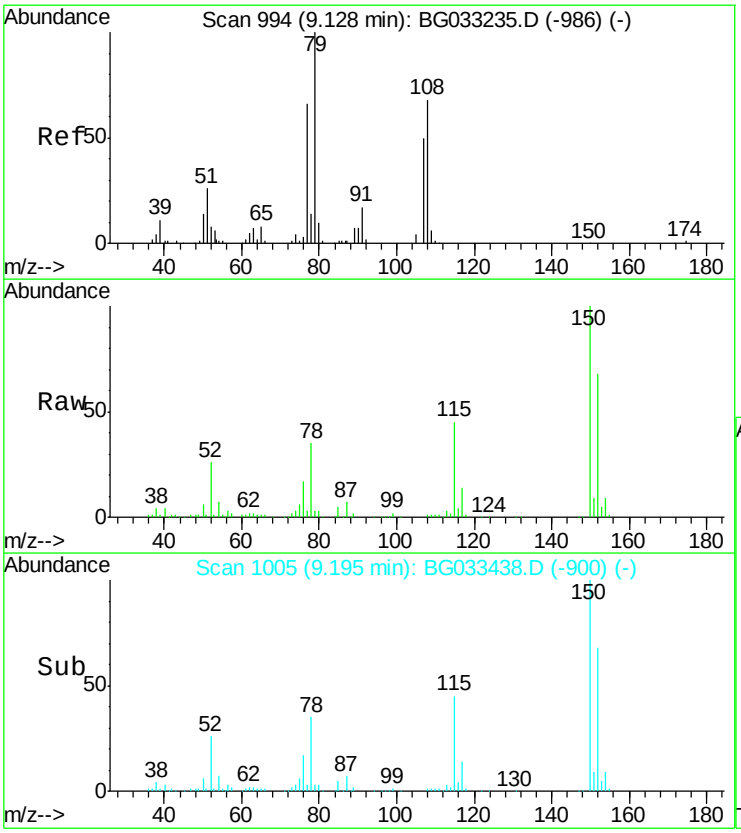
#7
Phenol-d6
Concen: 133.786 ng
RT: 7.98 min Scan# 799
Delta R.T. 0.00 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 385989

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.1	21.1
71	42.5	26.1	39.1#

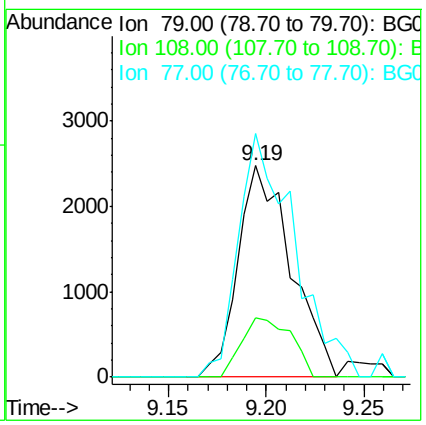


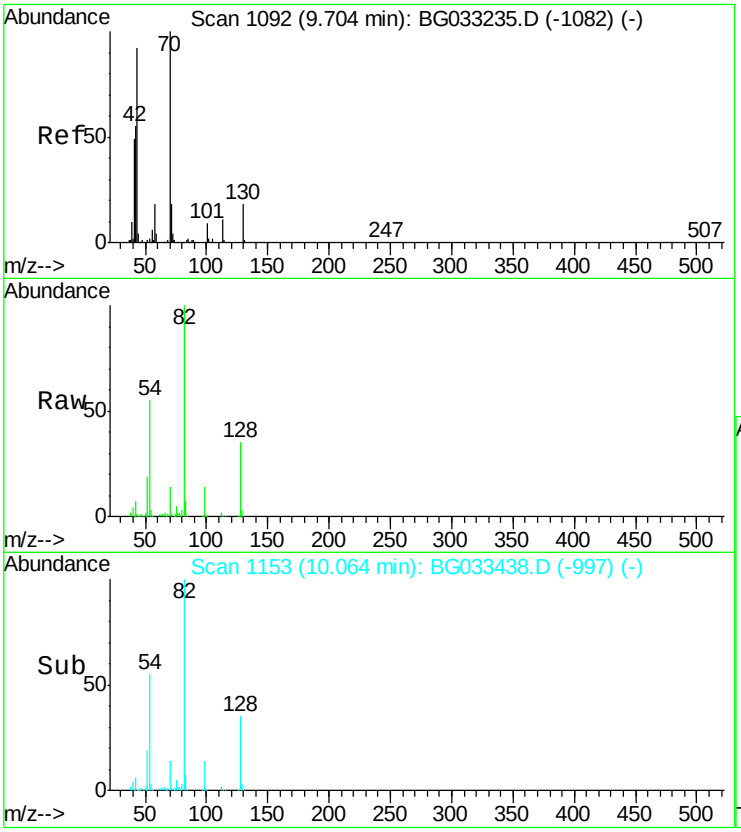


#15
Benzyl Alcohol
Concen: 2.055 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.09 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Tgt Ion: 79 Resp: 4669

Ion	Ratio	Lower	Upper
79	100		
108	28.1	57.2	85.8#
77	115.1	46.1	69.1#



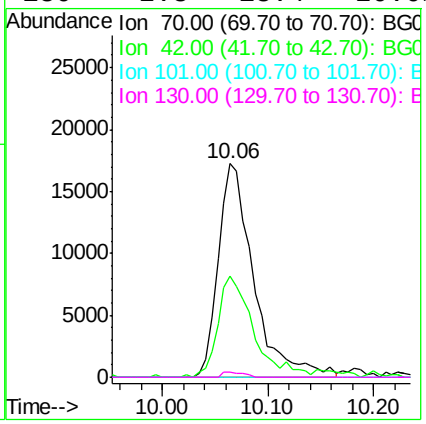


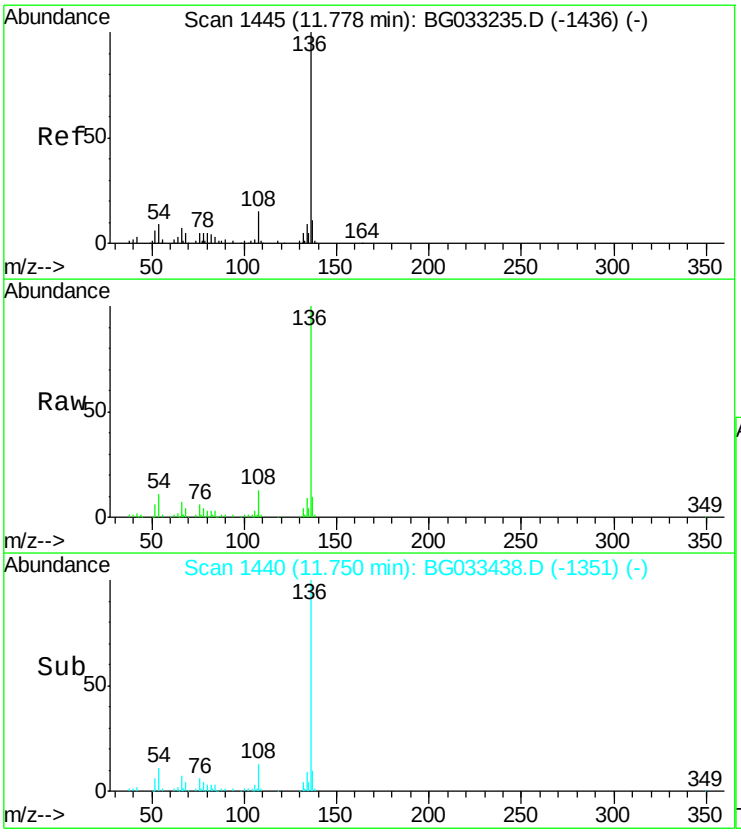
#19
n-Nitroso-di-n-propylamine
Concen: 19.022 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 40215

Ion	Ratio	Lower	Upper
70	100		
42	47.5	49.1	73.7#
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#

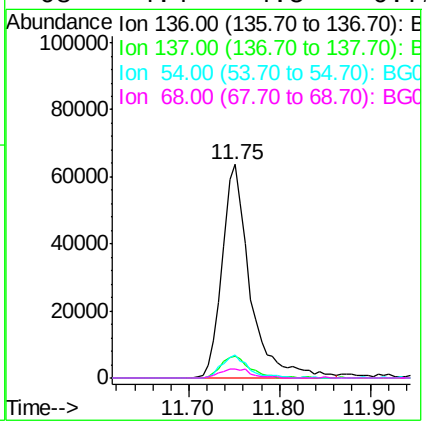


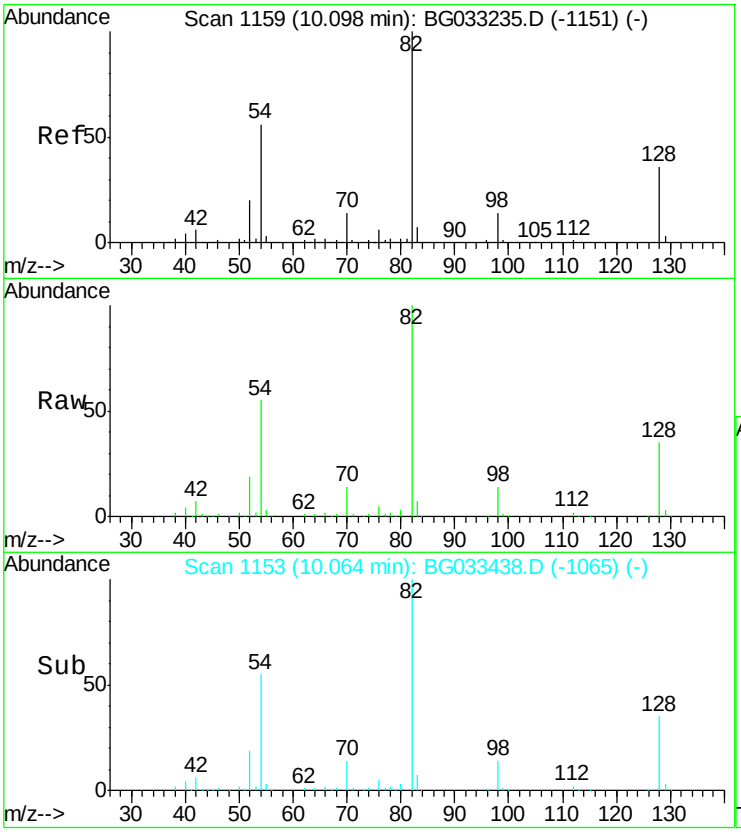


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Tgt Ion:136 Resp: 135993

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	10.9	10.3	15.5
68	4.4	4.5	6.7#



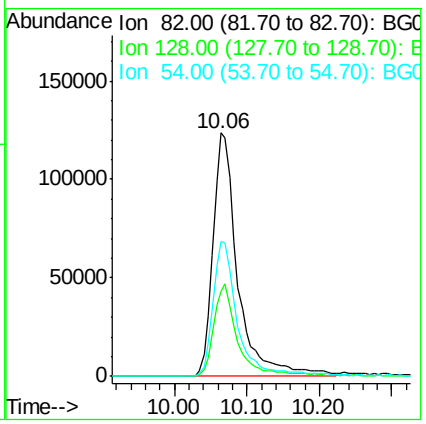


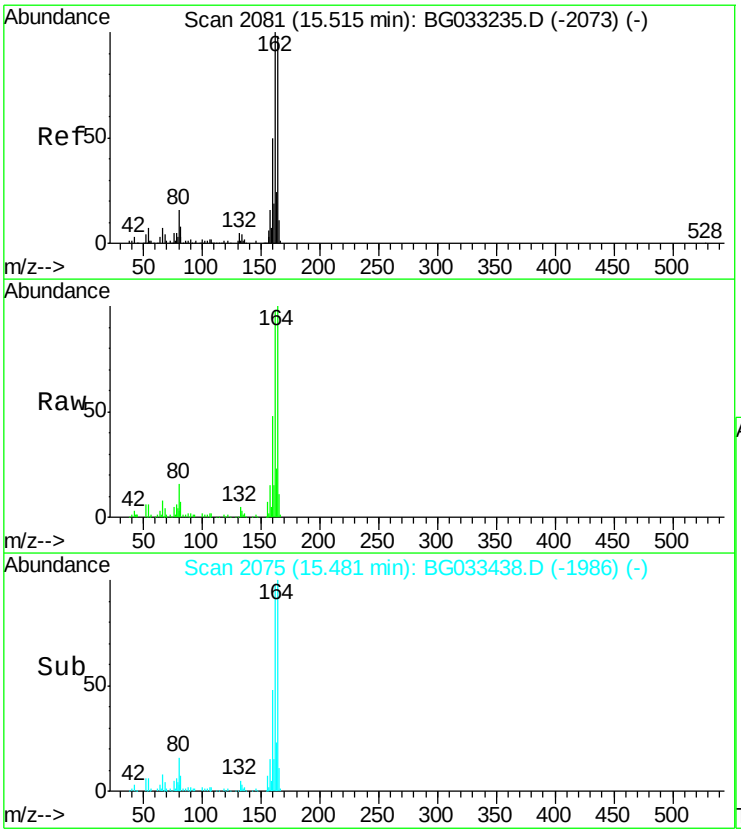
#23
Nitrobenzene-d5
Concen: 99.173 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 293549

Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	55.3	43.1	64.7

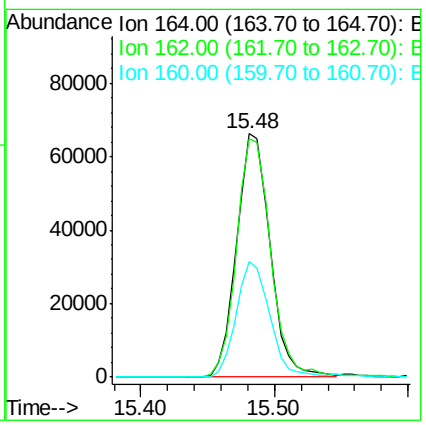


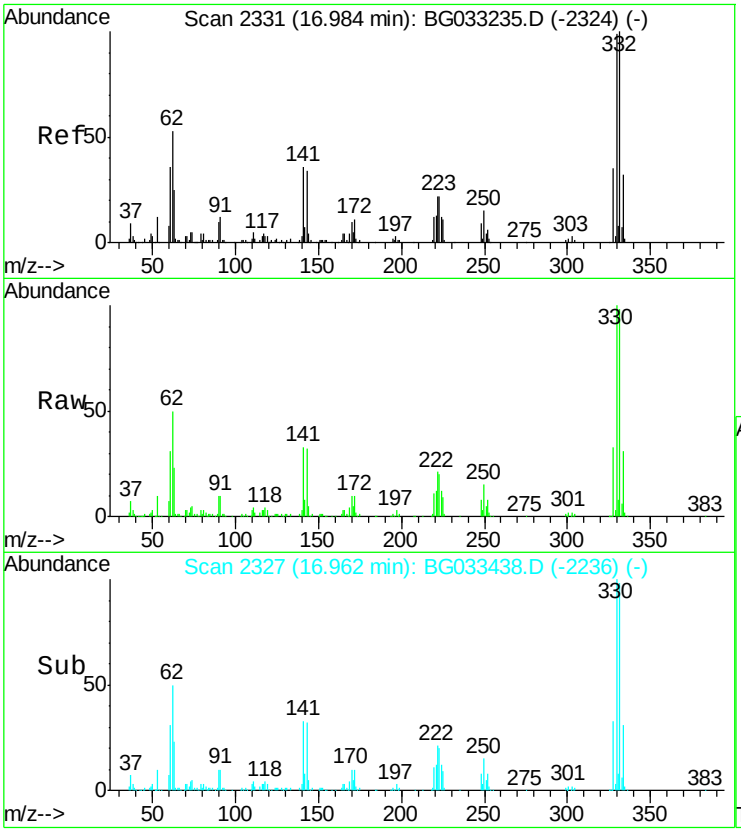


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Tgt Ion:164 Resp: 115079

Ion	Ratio	Lower	Upper
164	100		
162	97.8	78.8	118.2
160	47.5	35.4	53.0



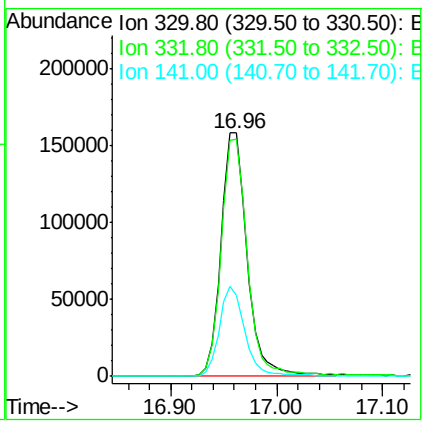


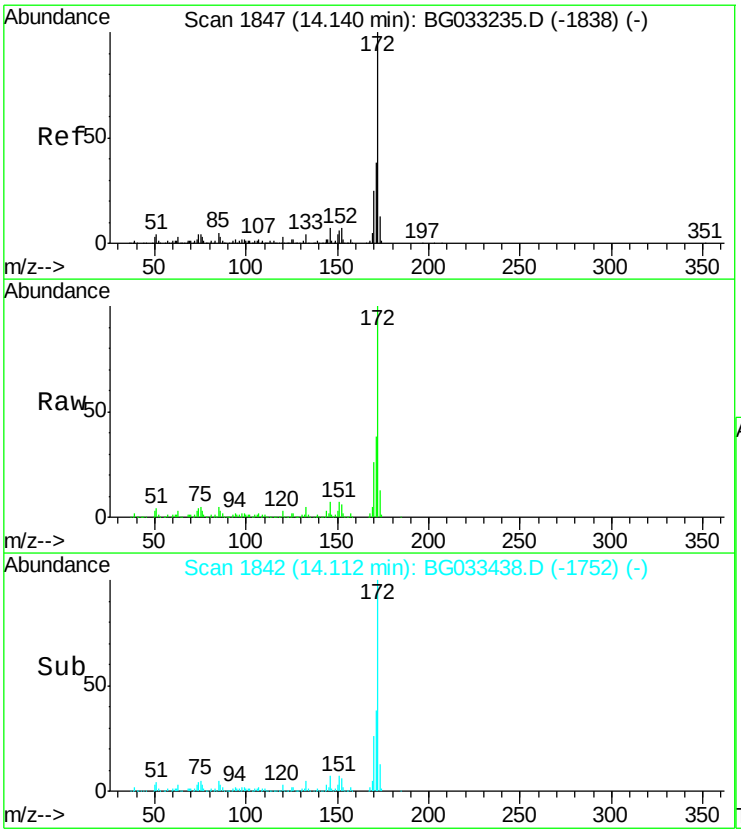
#41
2,4,6-Tribromophenol
Concen: 158.391 ng
RT: 16.96 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 272614

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	36.1	25.2	37.8

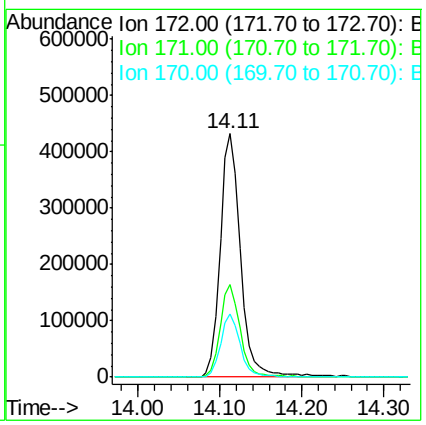


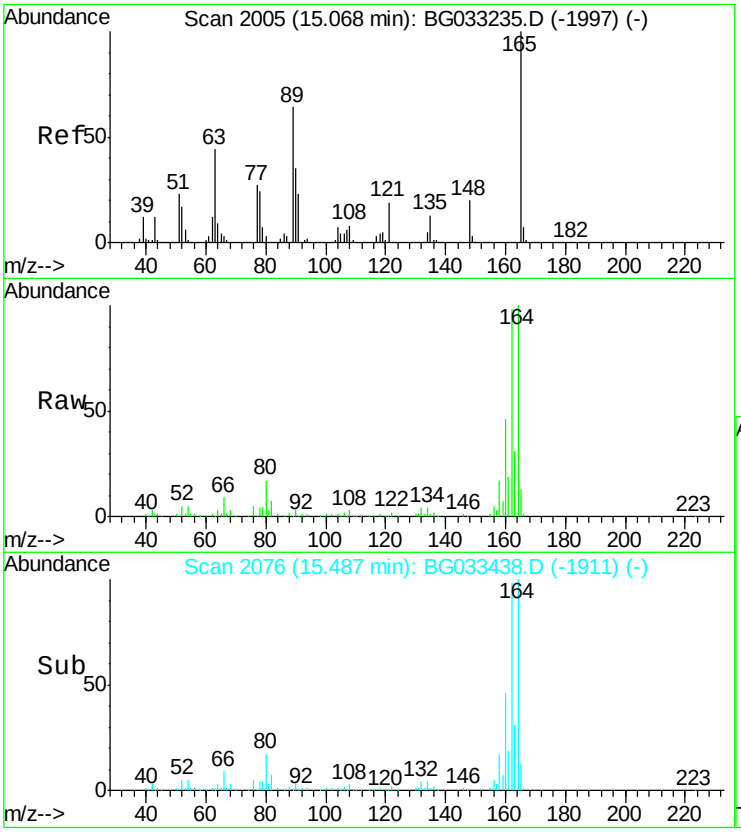


#44
2-Fluorobiphenyl
Concen: 93.959 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Tgt Ion:172 Resp: 748994

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.7	19.5	29.3



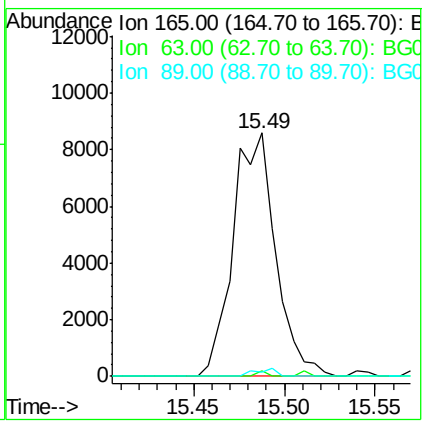


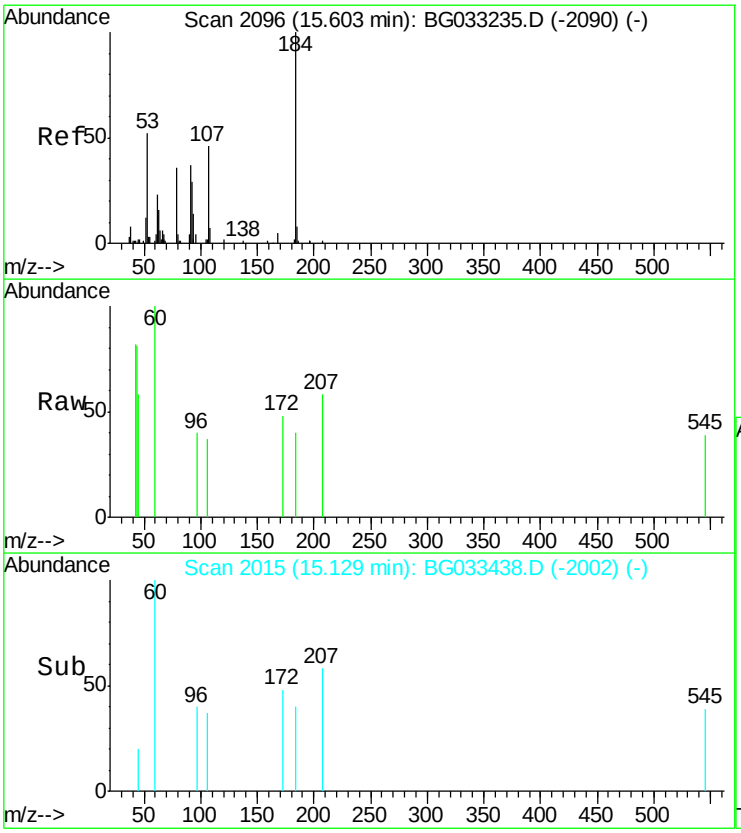
#50
2,6-Dinitrotoluene
Concen: 6.867 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.44 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14062

Ion	Ratio	Lower	Upper
165	100		
63	2.1	52.7	79.1#
89	1.8	49.2	73.8#

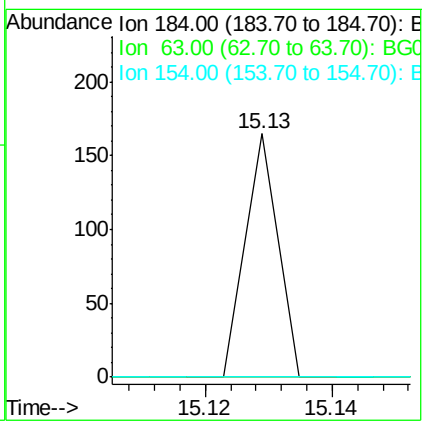


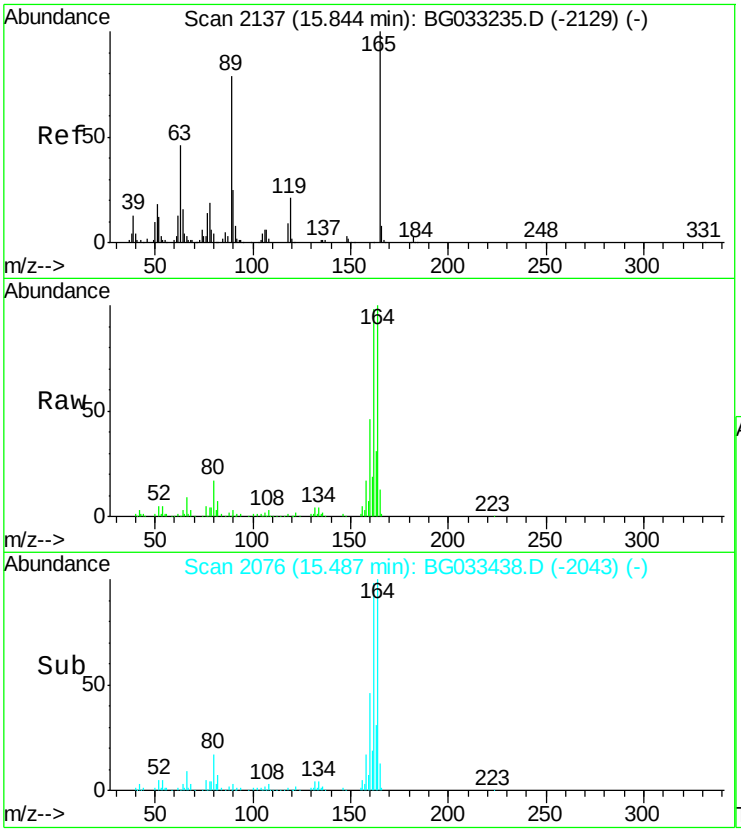


#53
2,4-Dinitrophenol
Concen: 7.692 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.45 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Tgt Ion:184 Resp: 58

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



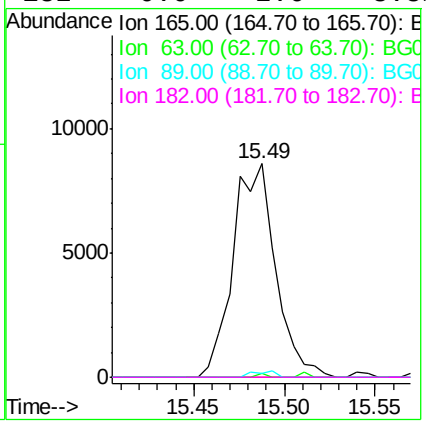


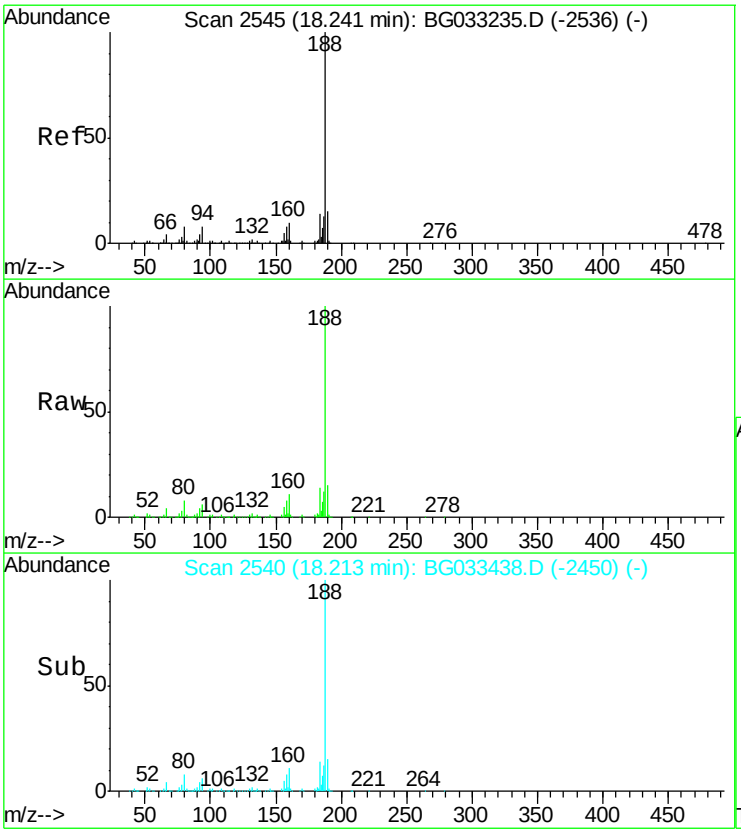
#56
2,4-Dinitrotoluene
Concen: 4.664 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.34 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14062

Ion	Ratio	Lower	Upper
165	100		
63	2.1	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

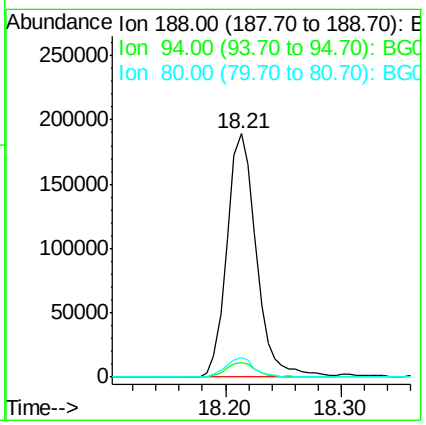


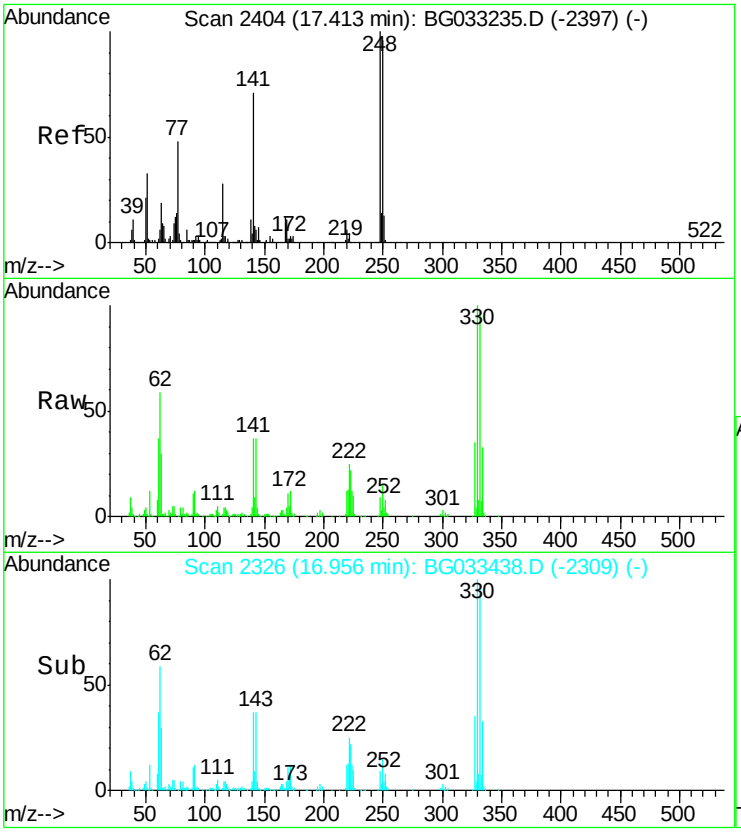


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Tgt Ion:188 Resp: 334101

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.9	7.7	11.5



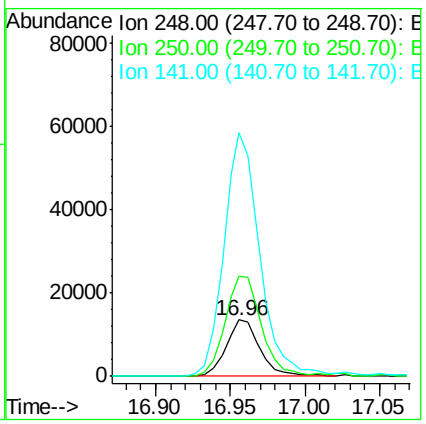


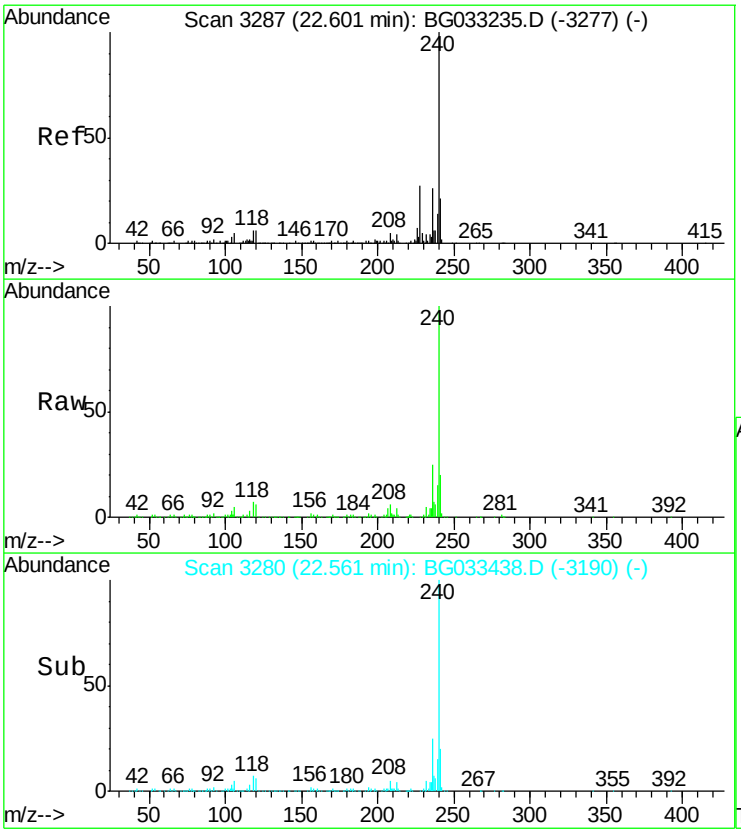
#66
4-Bromophenyl-phenylether
Concen: 5.447 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 21374

Ion	Ratio	Lower	Upper
248	100		
250	178.3	77.1	115.7#
141	432.3	50.8	76.2#

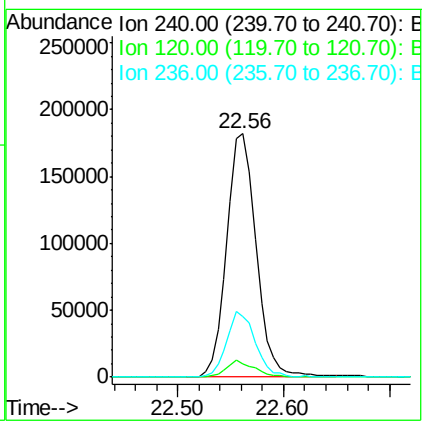


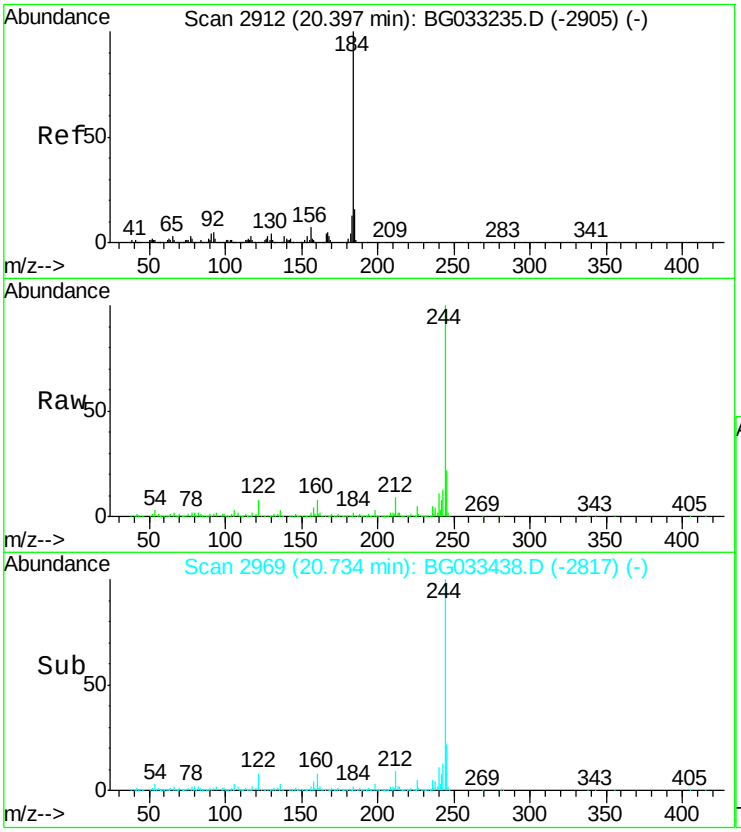


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Tgt Ion:240 Resp: 350968

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	25.1	20.9	31.3



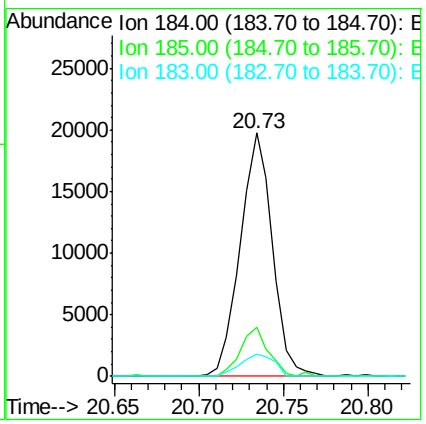


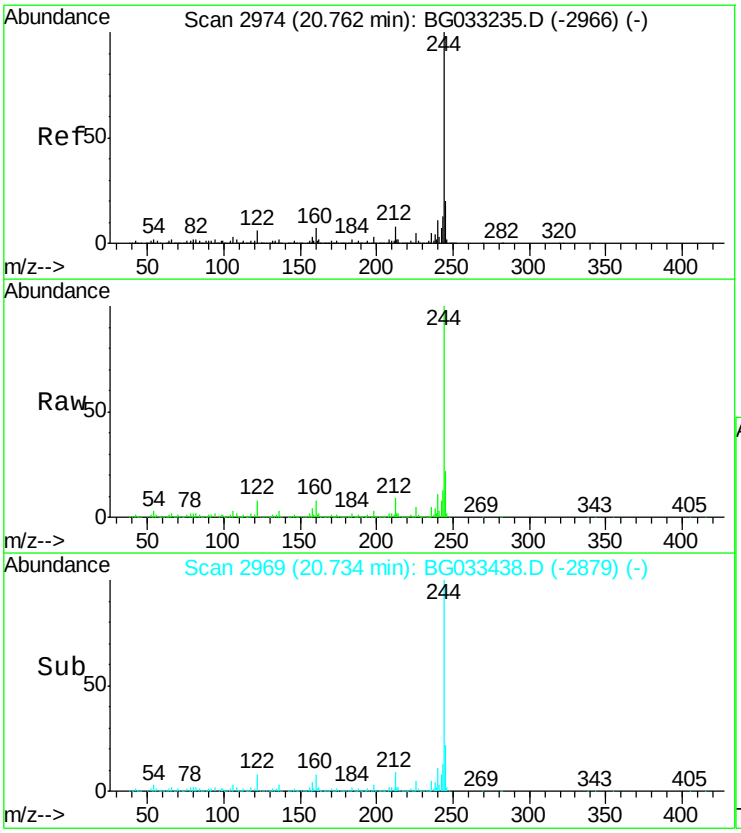
#76
Benzidine
Concen: 2.754 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.36 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 26208

Ion	Ratio	Lower	Upper
184	100		
185	19.9	11.1	16.7#
183	9.3	10.6	16.0#

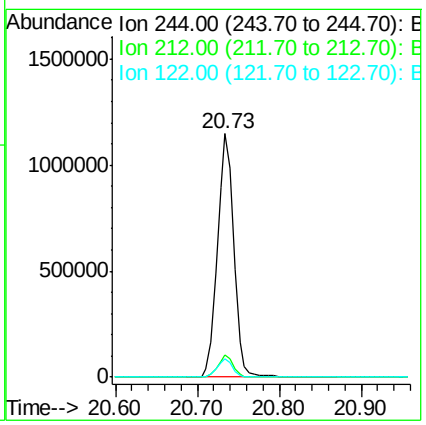


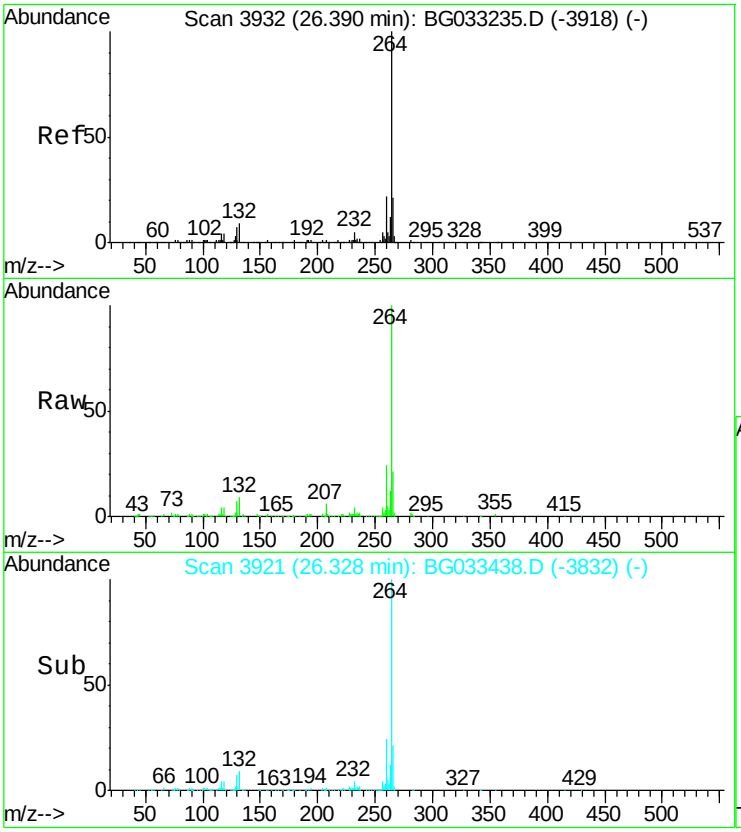


#78
Terphenyl-d14
Concen: 97.577 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Tgt Ion:244 Resp: 1601344

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	7.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033438.D
Acq: 30 Mar 2018 2:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 383187

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.5	17.7	26.5