Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033321.D
Acq On : 23 Mar 2018 12:13
Operator : SJ/JU
Sample : J1976-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 23 14:34:09 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	34940	20.00	ng		0.00
21) Naphthalene-d8	11.77	136	153529	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	128496	20.00	ng		0.00
63) Phenanthrene-d10	18.23	188	337541	20.00	ng		0.00
75) Chrysene-d12	22.59	240	335007	20.00	ng		0.00
86) Perylene-d12	26.38	264	346019	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	92873	49.84	ng		0.00
7) Phenol-d6	7.99	99	93938	29.34	ng		0.00
23) Nitrobenzene-d5	10.09	82	363769	108.86	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	194518	101.22	ng		0.00
44) 2-Fluorobiphenyl	14.13	172	932502	104.77	ng		0.00
78) Terphenyl-d14	20.76	244	1577684	100.72	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	9.22	79	5134	2.037	ng	#	36
19) n-Nitroso-di-n-propylamine	10.09	70	50483	21.519	ng	#	73
49) Dimethylphthalate	14.93	163	25246	2.258	ng		96
50) 2,6-Dinitrotoluene	15.51	165	16226	7.096	ng	#	18
56) 2,4-Dinitrotoluene	15.51	165	16226	4.820	ng	#	16
66) 4-Bromophenyl-phenylether	16.98	248	14498	3.657	ng	#	1
76) Benzidine	20.76	184	27538	3.031	ng	#	88

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

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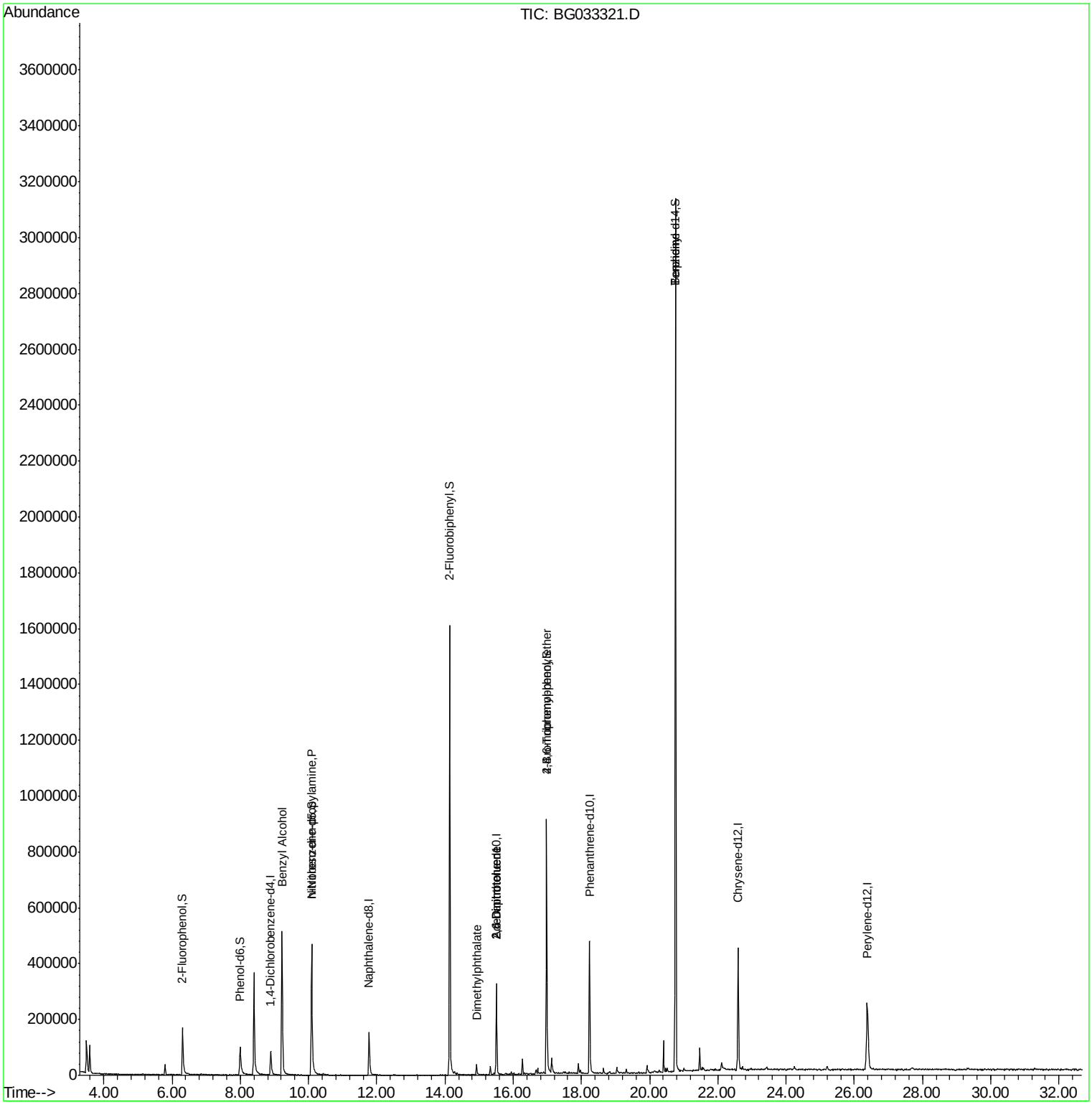
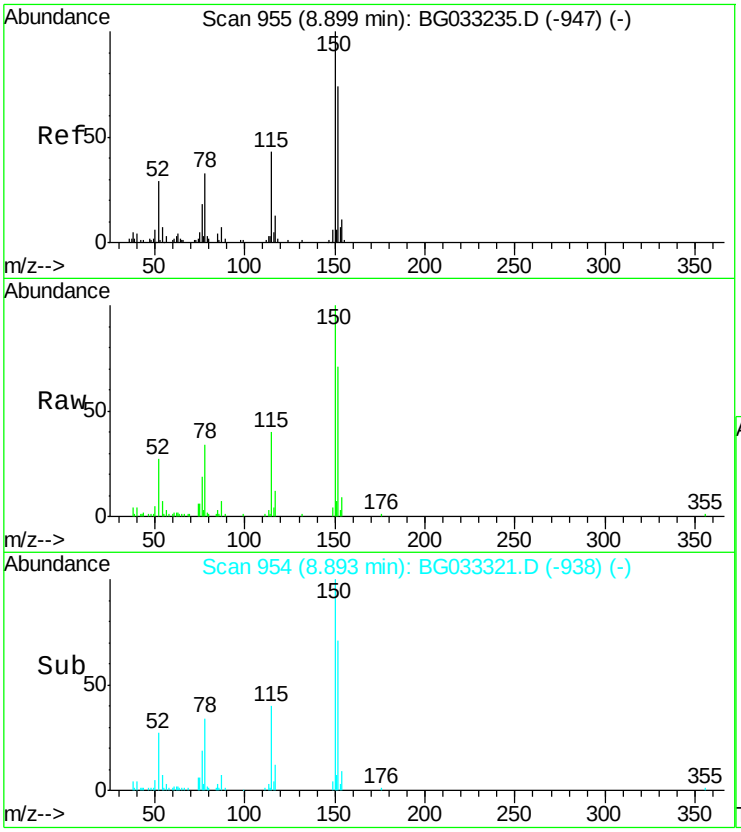


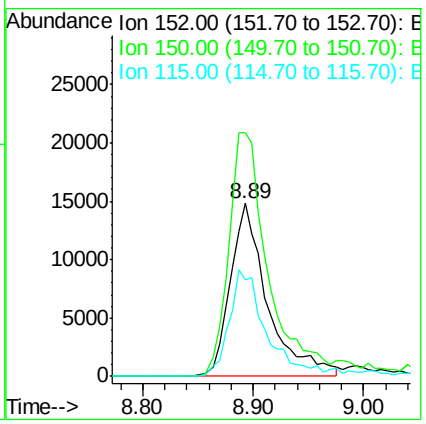


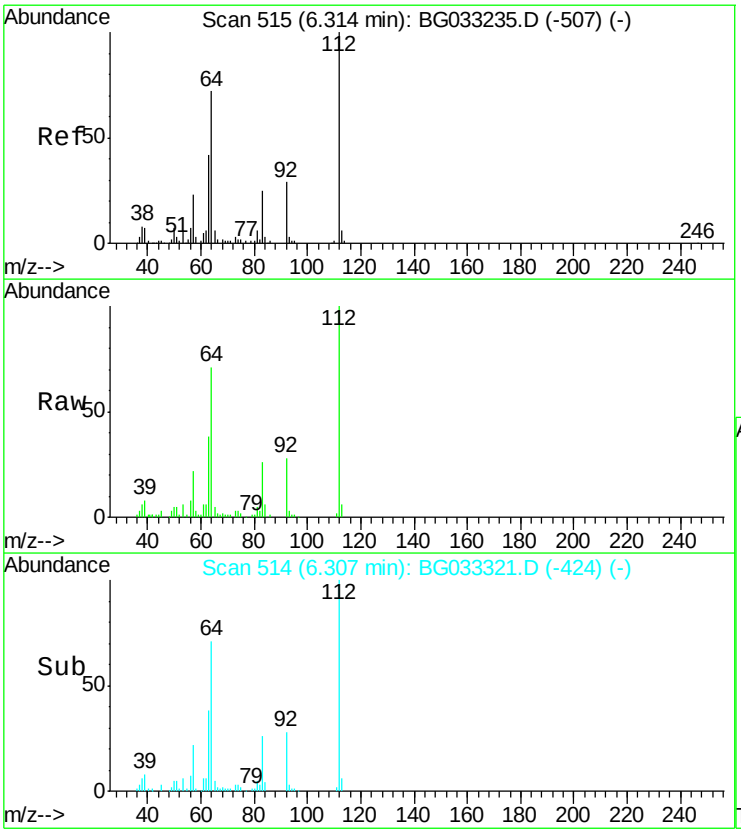
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 34940

Ion	Ratio	Lower	Upper
152	100		
150	140.8	126.6	189.8
115	56.1	53.0	79.4

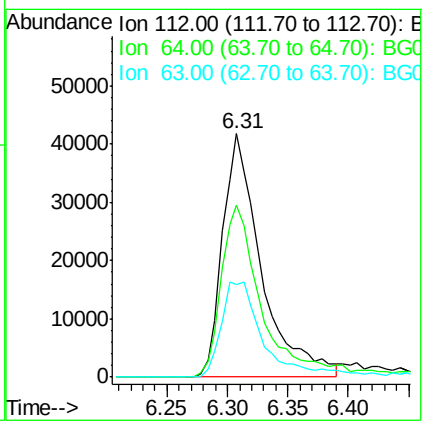


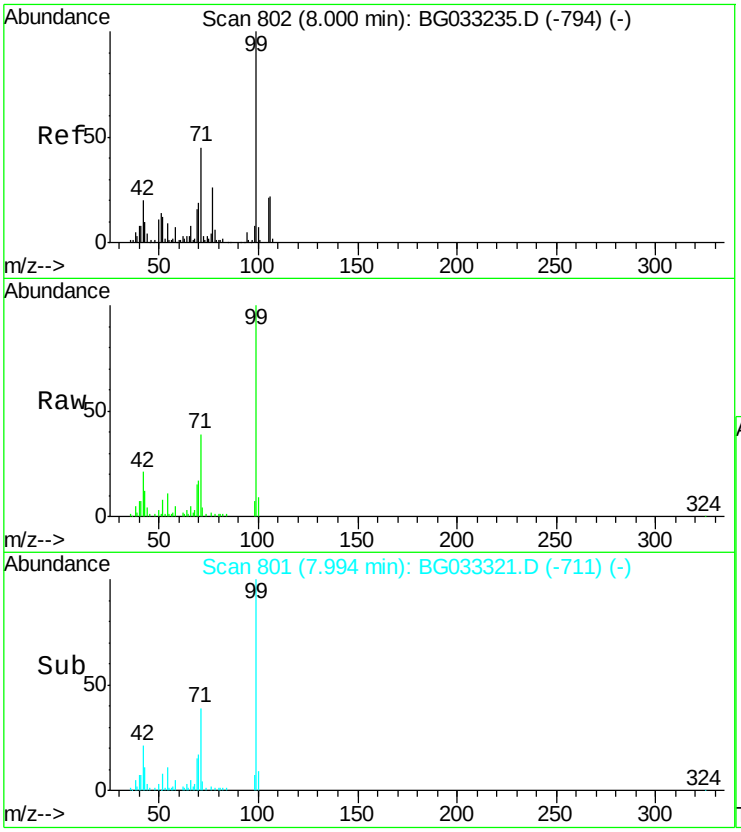


#5
2-Fluorophenol
Concen: 49.842 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Tgt Ion:112 Resp: 92873

Ion	Ratio	Lower	Upper
112	100		
64	70.6	56.3	84.5
63	38.1	30.1	45.1



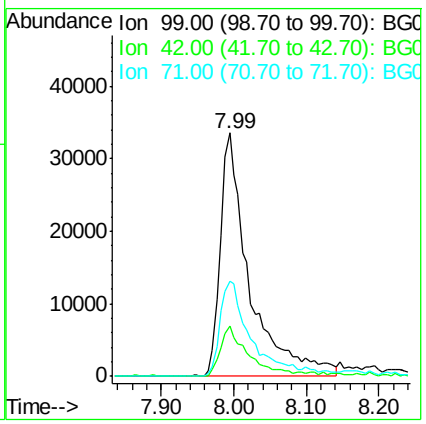


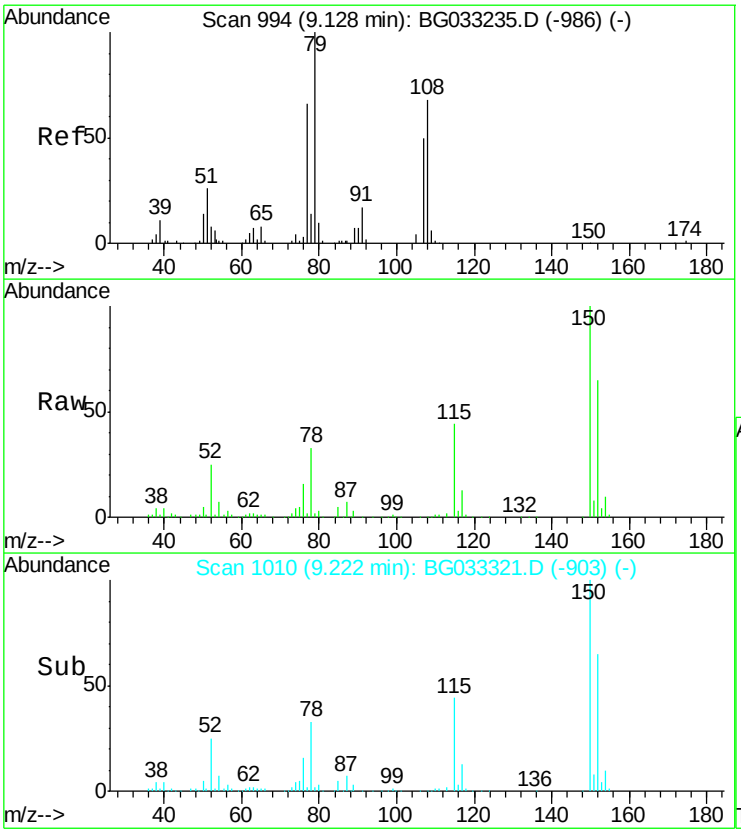
#7
Phenol-d6
Concen: 29.341 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 93938

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.1	21.1
71	39.2	26.1	39.1#

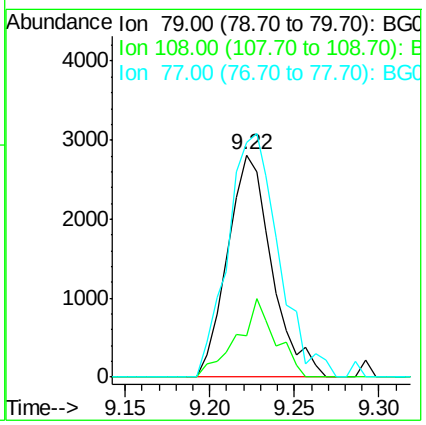


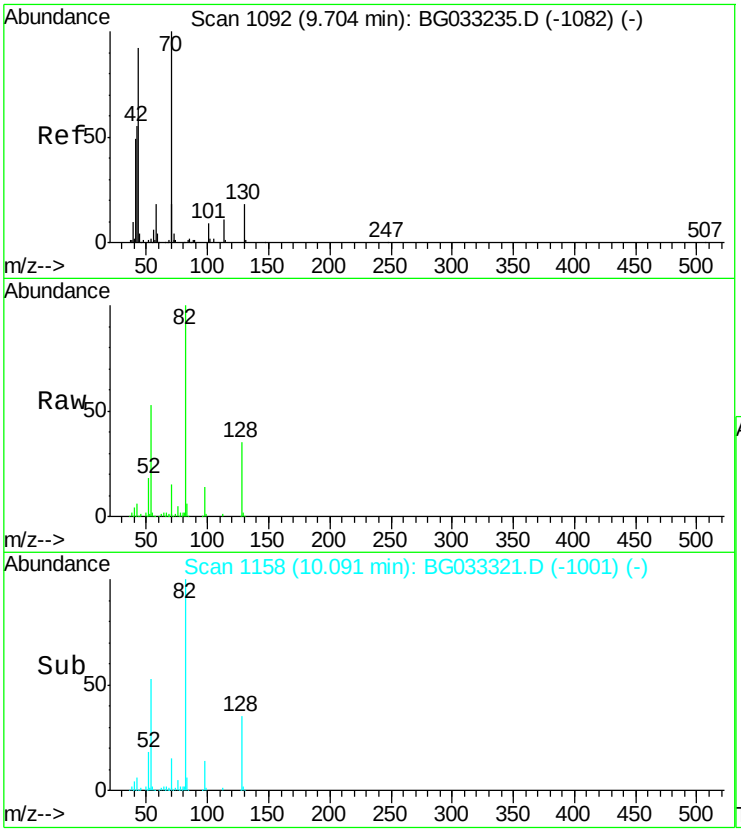


#15
Benzyl Alcohol
Concen: 2.037 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.10 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Tgt Ion: 79 Resp: 5134

Ion	Ratio	Lower	Upper
79	100		
108	18.4	57.2	85.8#
77	105.4	46.1	69.1#



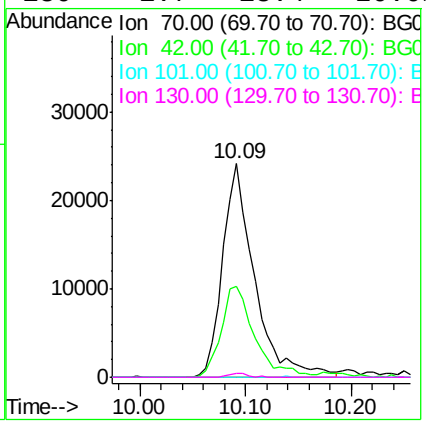


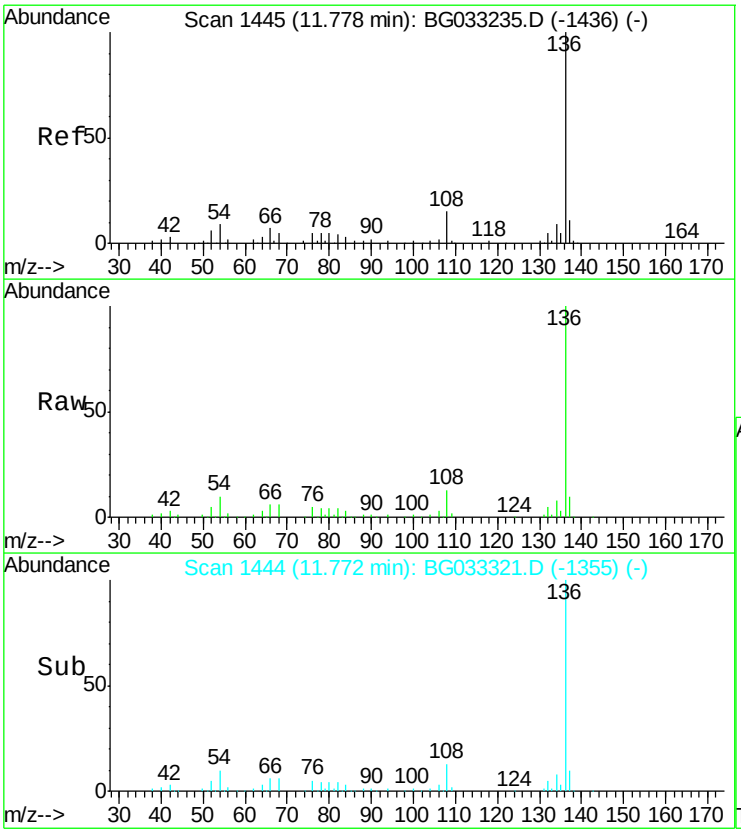
#19
n-Nitroso-di-n-propylamine
Concen: 21.519 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 50483

Ion	Ratio	Lower	Upper
70	100		
42	42.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#

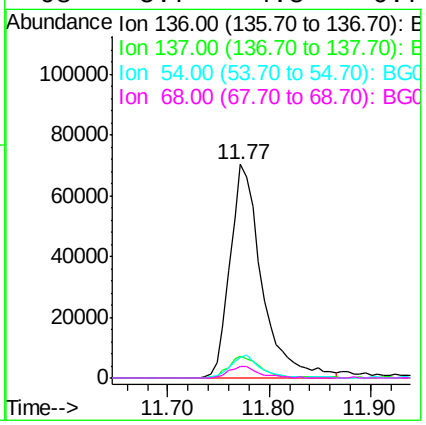


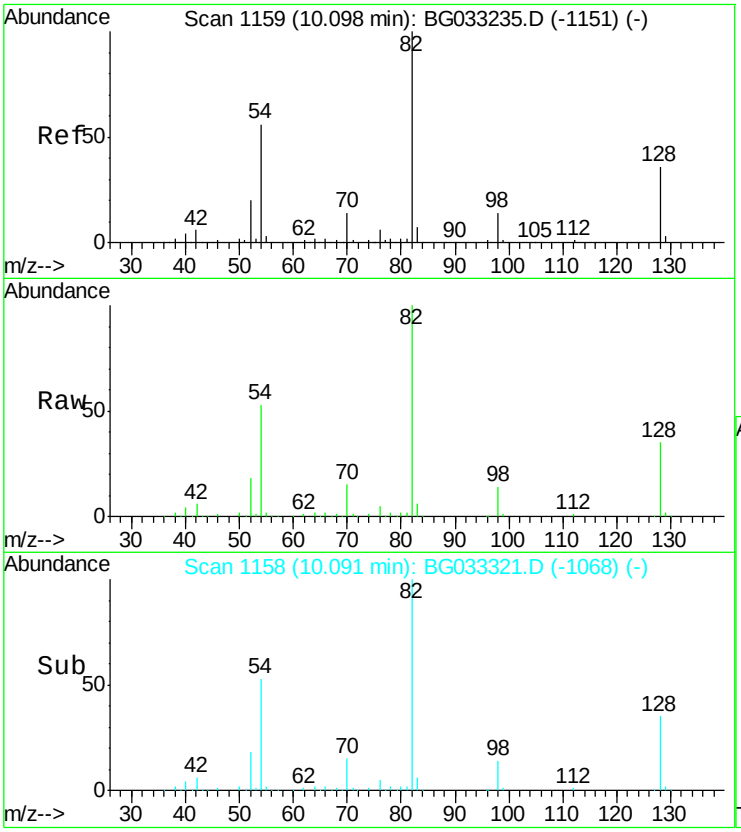


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Tgt Ion:136 Resp: 153529

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	9.9	10.3	15.5#
68	5.7	4.5	6.7



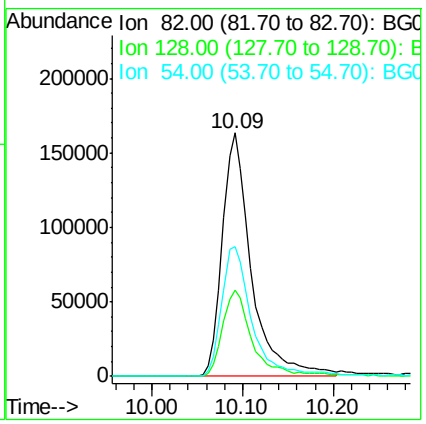


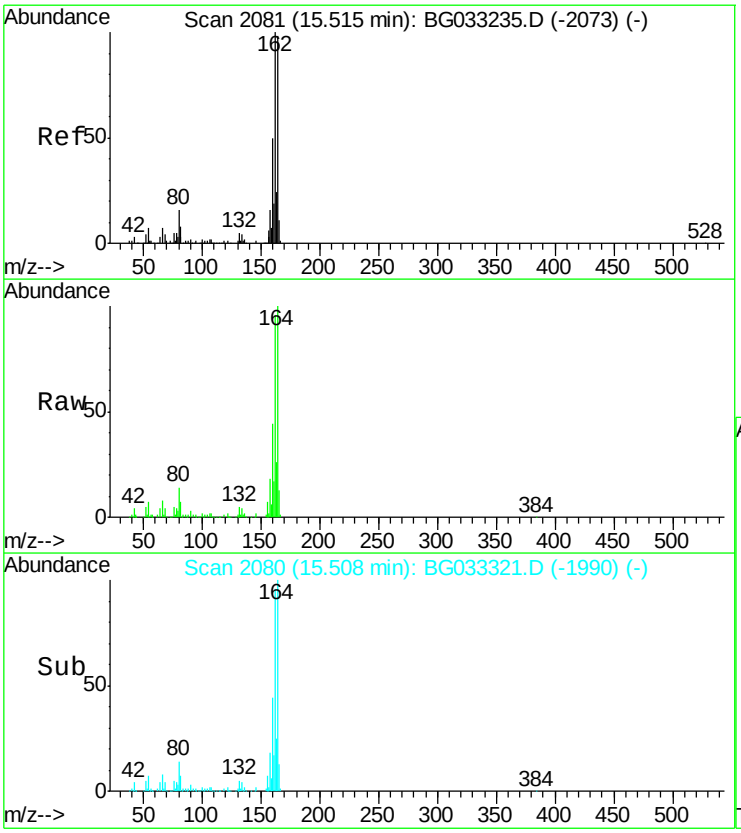
#23
Nitrobenzene-d5
Concen: 108.859 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 363769

Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	53.1	43.1	64.7

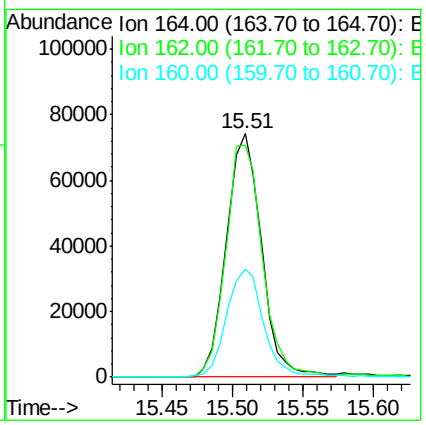


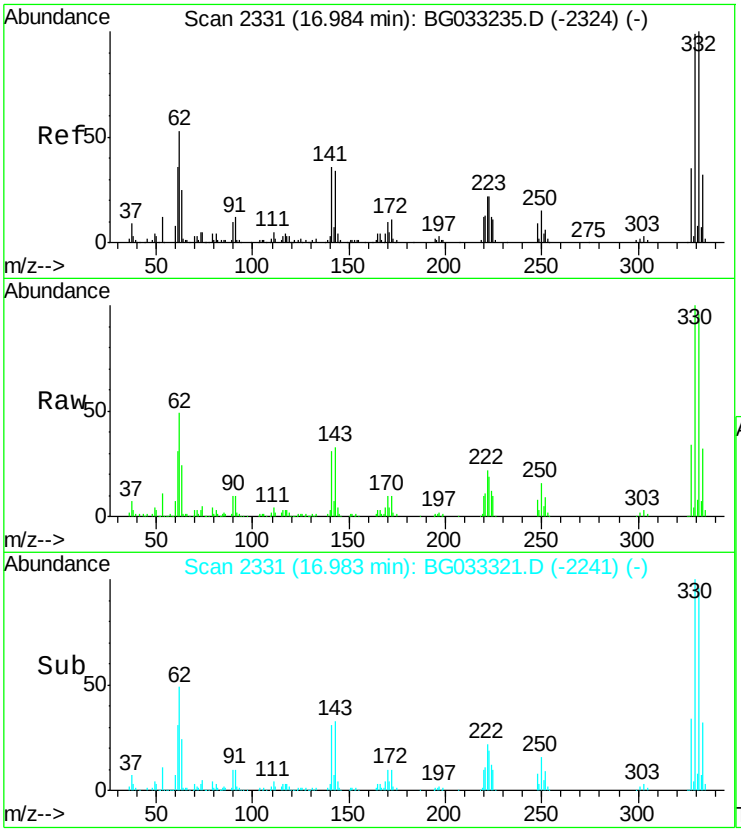


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Tgt Ion:164 Resp: 128496

Ion	Ratio	Lower	Upper
164	100		
162	95.5	78.8	118.2
160	44.4	35.4	53.0



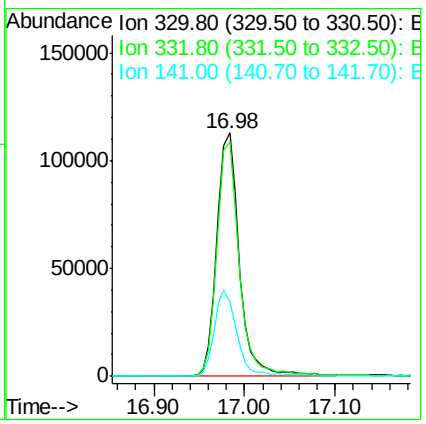


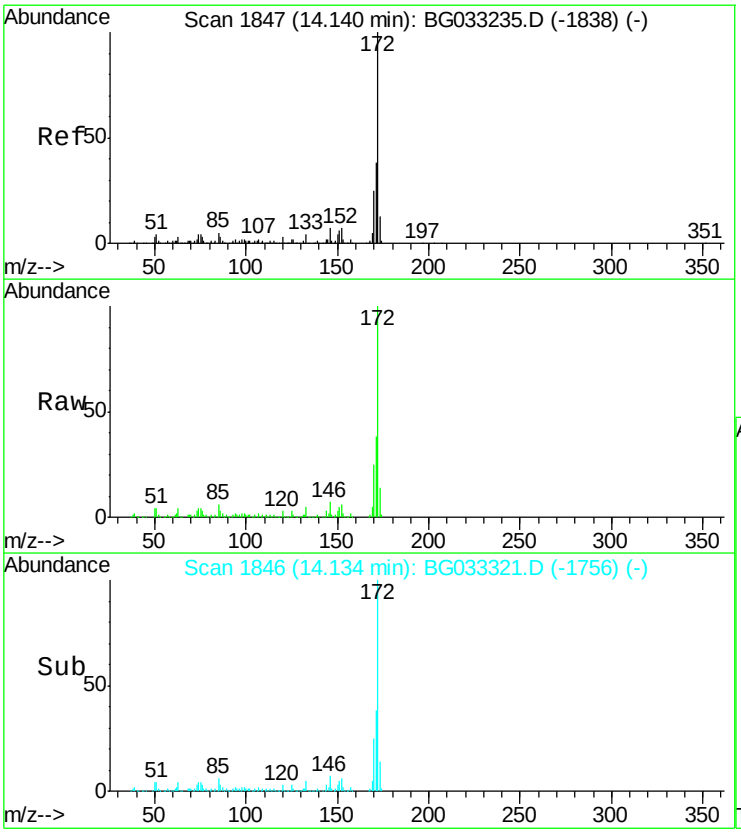
#41
2,4,6-Tribromophenol
Concen: 101.216 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 194518

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	35.9	25.2	37.8

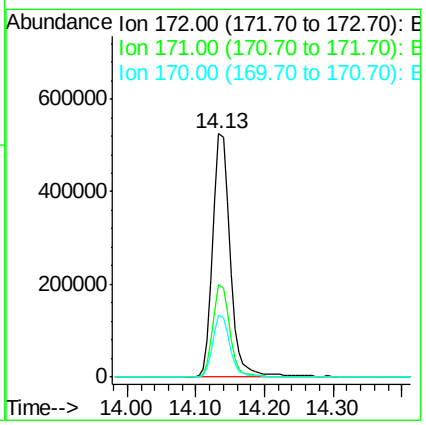


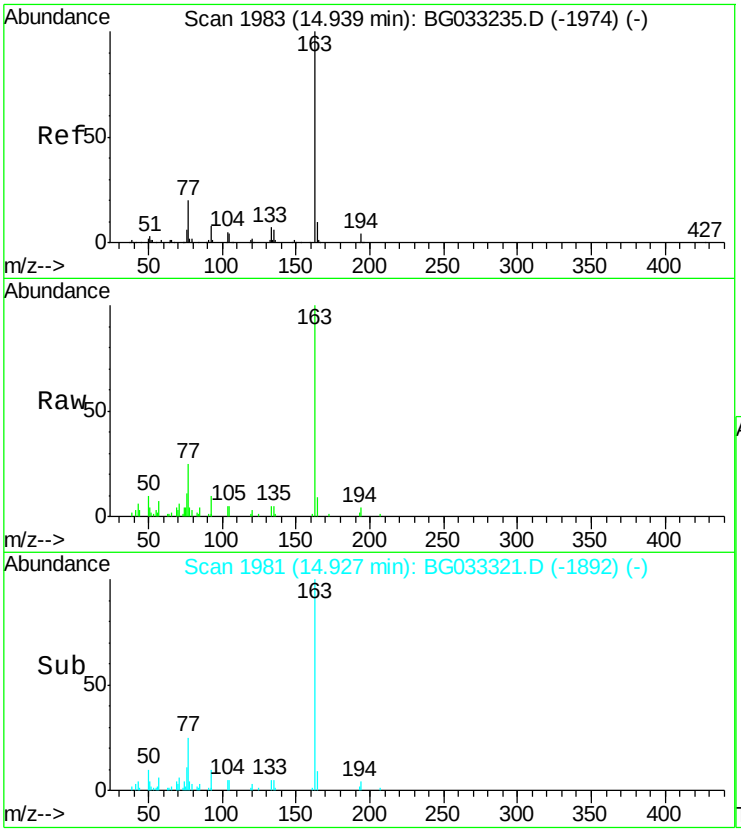


#44
2-Fluorobiphenyl
Concen: 104.765 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Tgt Ion:172 Resp: 932502

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.4	19.5	29.3



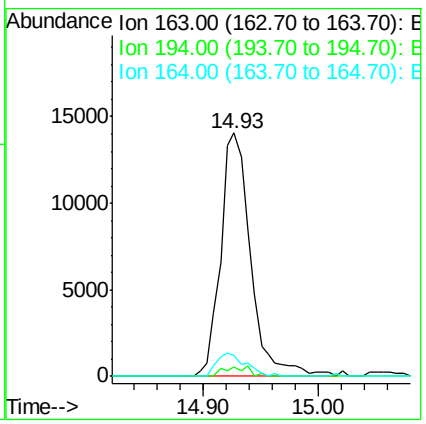


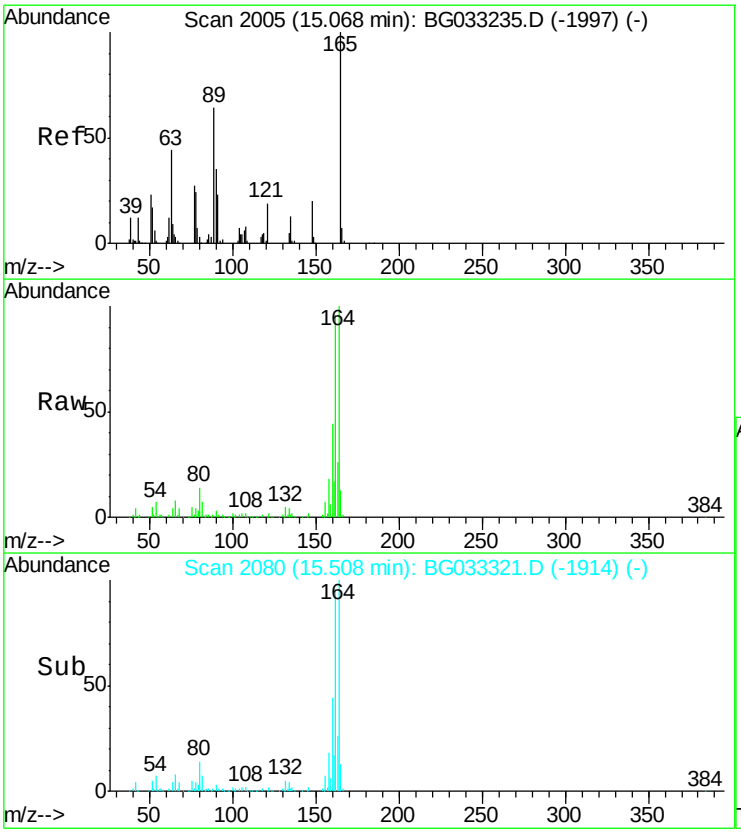
#49
Dimethylphthalate
Concen: 2.258 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 25246

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	8.5	8.2	12.4

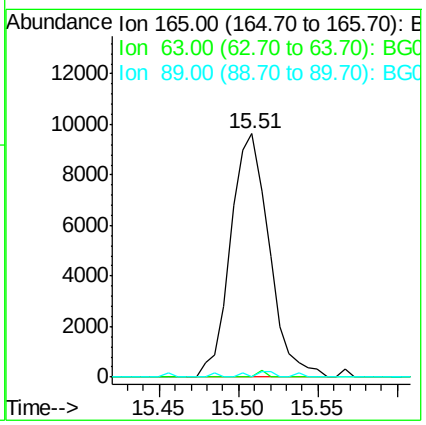


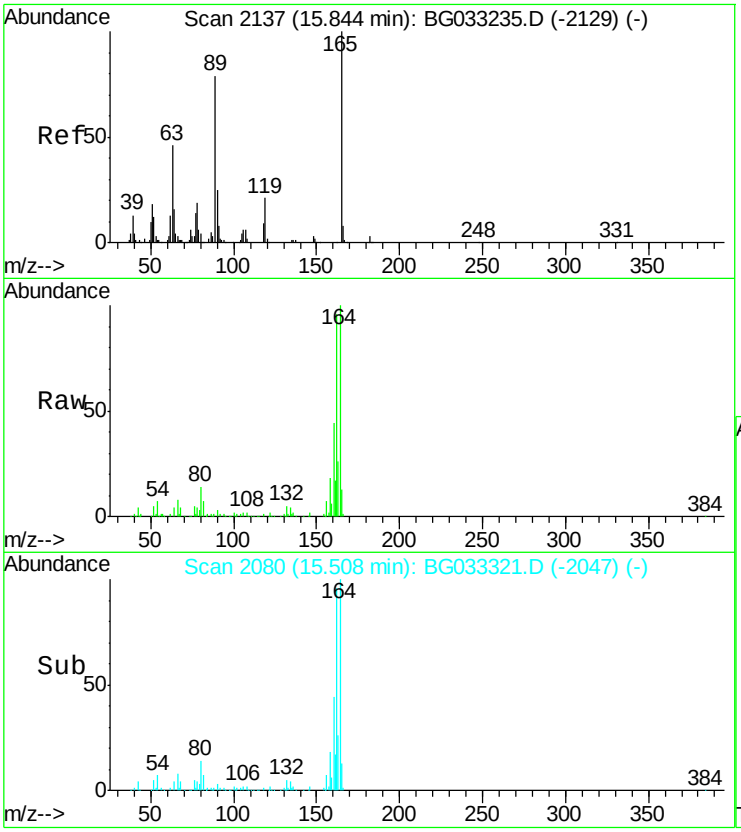


#50
2,6-Dinitrotoluene
Concen: 7.096 ng
RT: 15.51 min Scan# 2080
Delta R.T. 0.44 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Tgt Ion:165 Resp: 16226

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



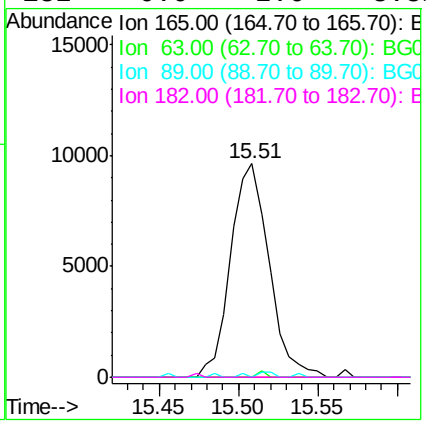


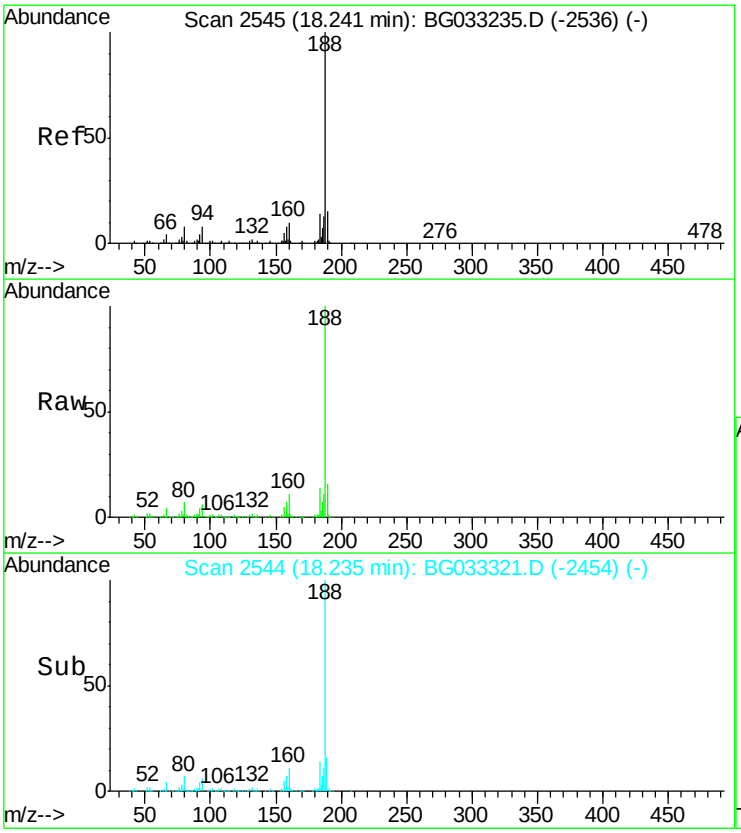
#56
2,4-Dinitrotoluene
Concen: 4.820 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.34 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16226

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

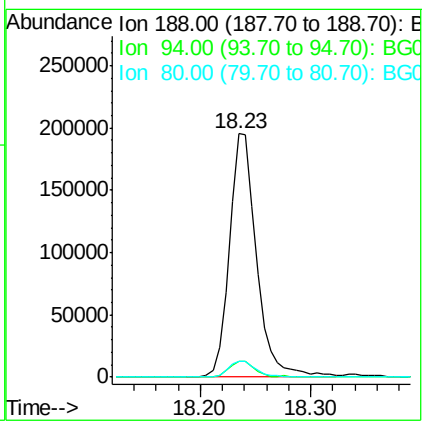


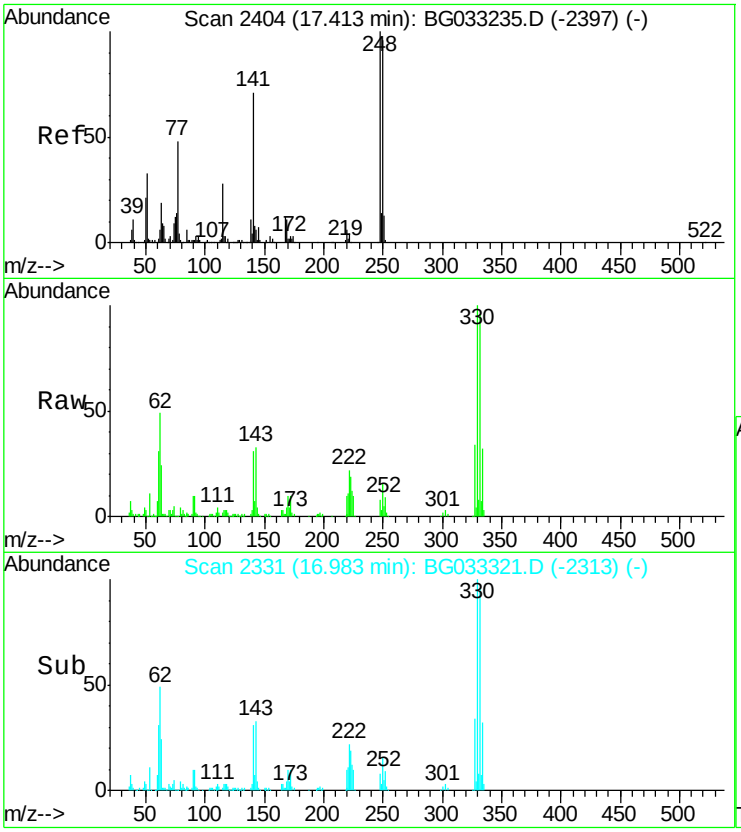


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.23 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Tgt Ion:188 Resp: 337541

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	6.7	7.7	11.5#



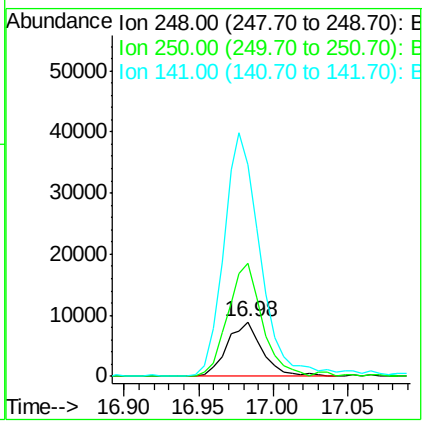


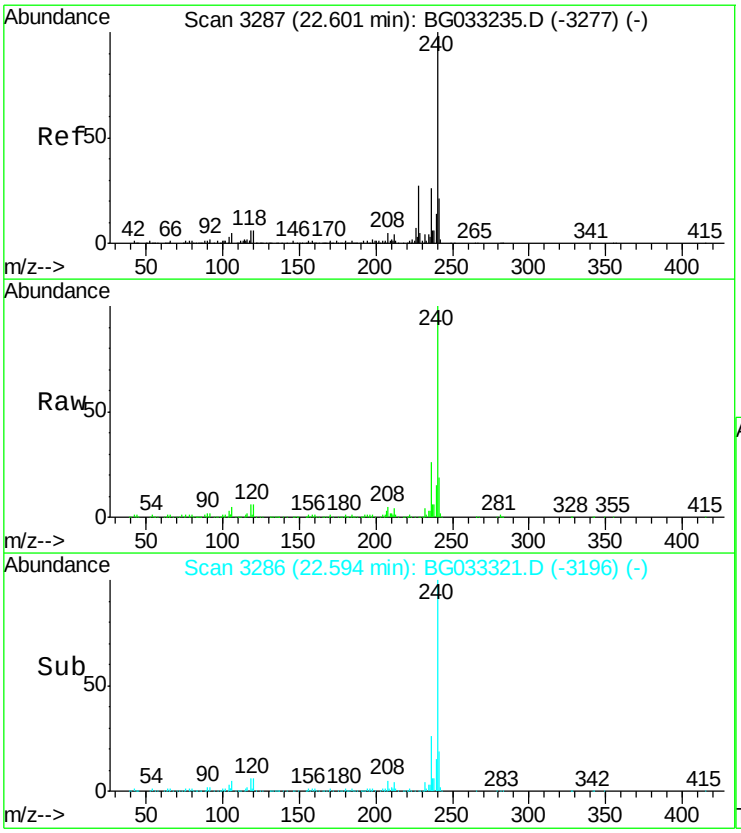
#66
4-Bromophenyl-phenylether
Concen: 3.657 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14498

Ion	Ratio	Lower	Upper
248	100		
250	208.5	77.1	115.7#
141	387.7	50.8	76.2#

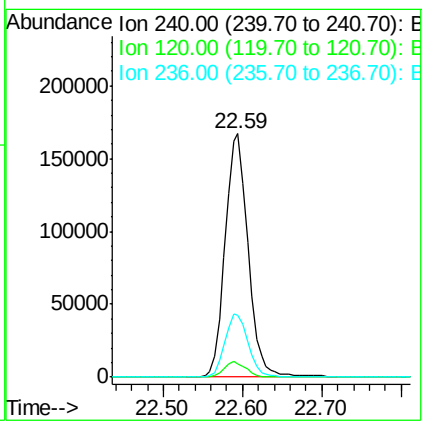


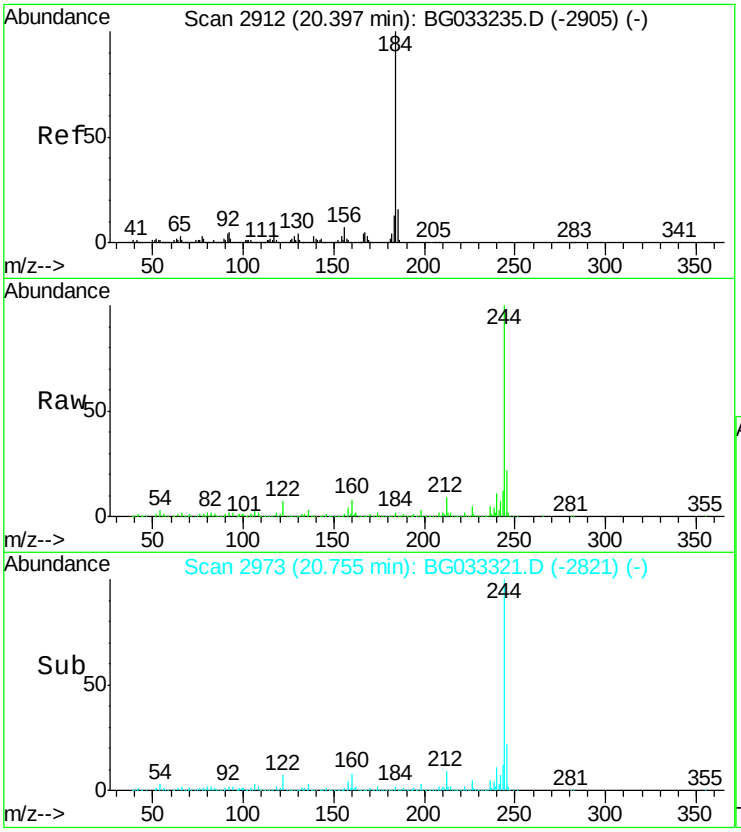


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Tgt Ion:240 Resp: 335007

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	25.6	20.9	31.3



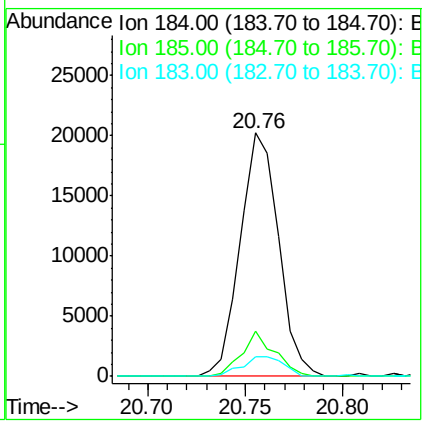


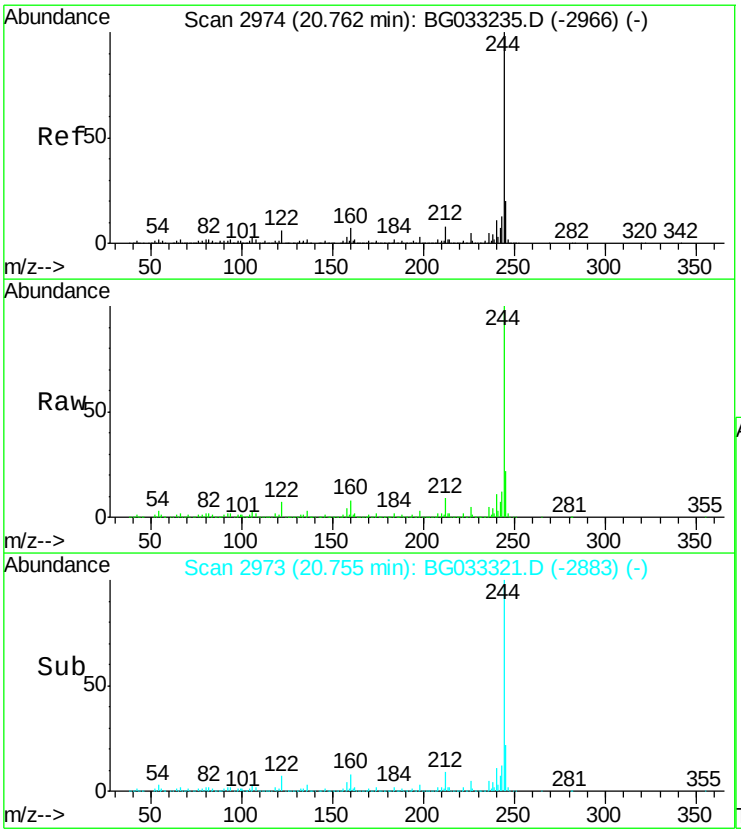
#76
Benzidine
Concen: 3.031 ng
RT: 20.76 min Scan# 2973
Delta R.T. 0.36 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 27538

Ion	Ratio	Lower	Upper
184	100		
185	18.4	11.1	16.7#
183	8.3	10.6	16.0#

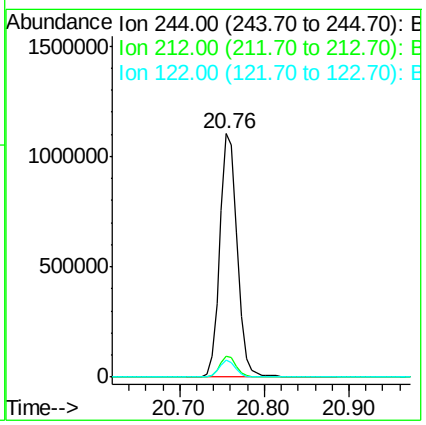


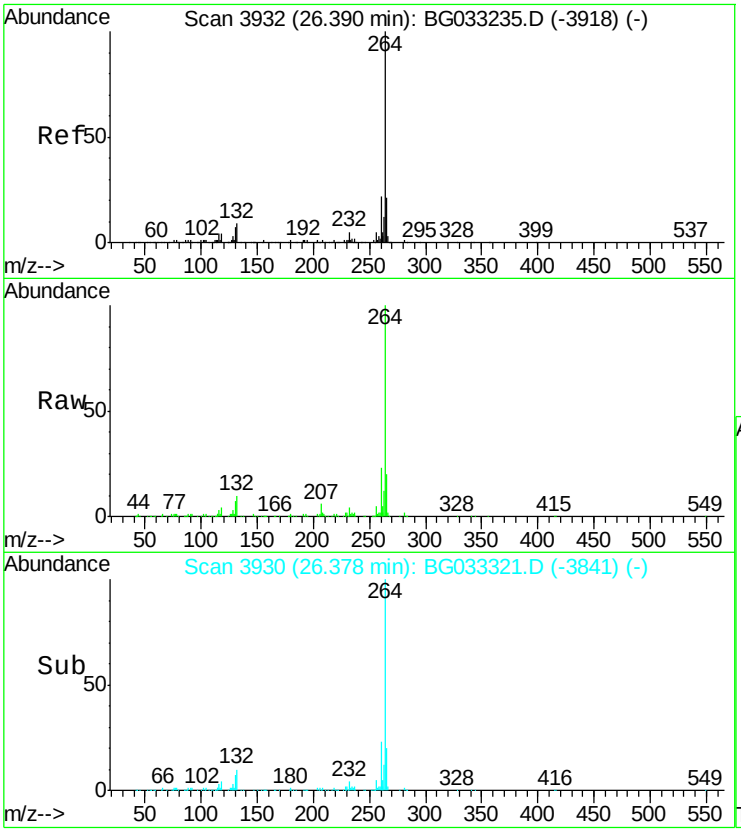


#78
Terphenyl-d14
Concen: 100.716 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Tgt Ion:244 Resp: 1577684

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.38 min Scan# 3930
Delta R.T. -0.01 min
Lab File: BG033321.D
Acq: 23 Mar 2018 12:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 346019

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	20.0	17.7	26.5