Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG033018\
Data File : BG033476.D
Acq On : 31 Mar 2018 9:59
Operator : SJ/JU
Sample : J2146-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 02 01:42:57 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	28763	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	127742	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	106449	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	320444	20.00	ng	0.00
75) Chrysene-d12	22.56	240	330487	20.00	ng	0.00
86) Perylene-d12	26.32	264	350929	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	287531	187.45	ng	0.00
7) Phenol-d6	7.98	99	401804	152.45	ng	0.00
23) Nitrobenzene-d5	10.06	82	320629	115.32	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	280552	176.22	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	791405	107.33	ng	0.00
78) Terphenyl-d14	20.73	244	1722059	111.44	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.20	79	4939	2.380	ng	# 31
19) n-Nitroso-di-n-propylamine	10.06	70	43408	22.476	ng	# 77
50) 2,6-Dinitrotoluene	15.48	165	13856	7.315	ng	# 18
53) 2,4-Dinitrophenol	15.29	184	68	7.706	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	13856	4.968	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	21621	5.745	ng	# 1
76) Benzidine	20.73	184	29320	3.271	ng	# 89

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

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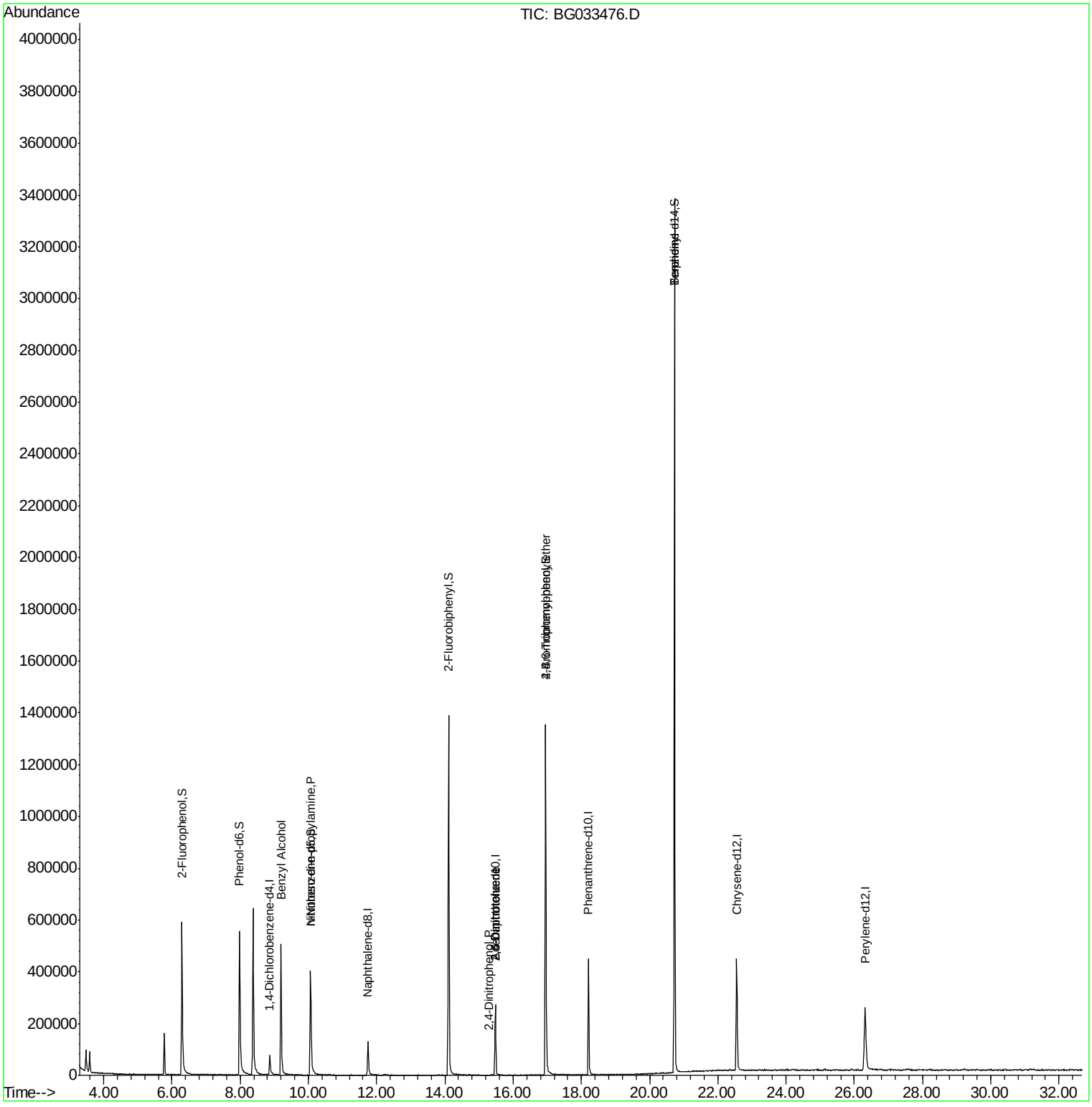
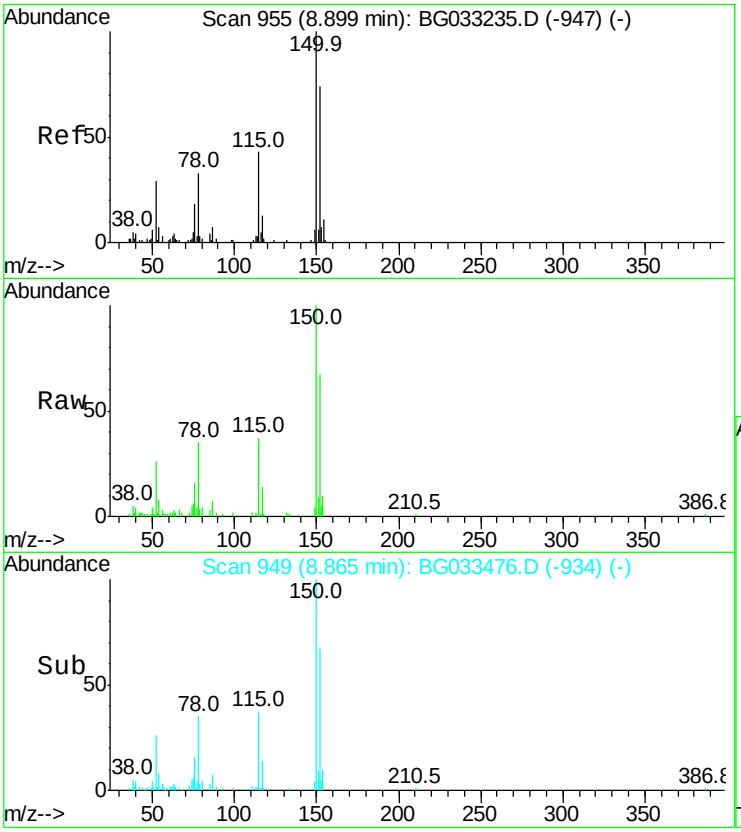


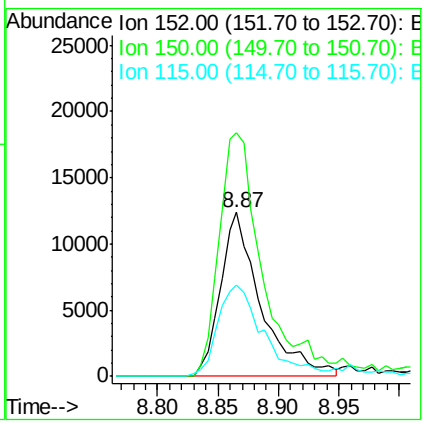


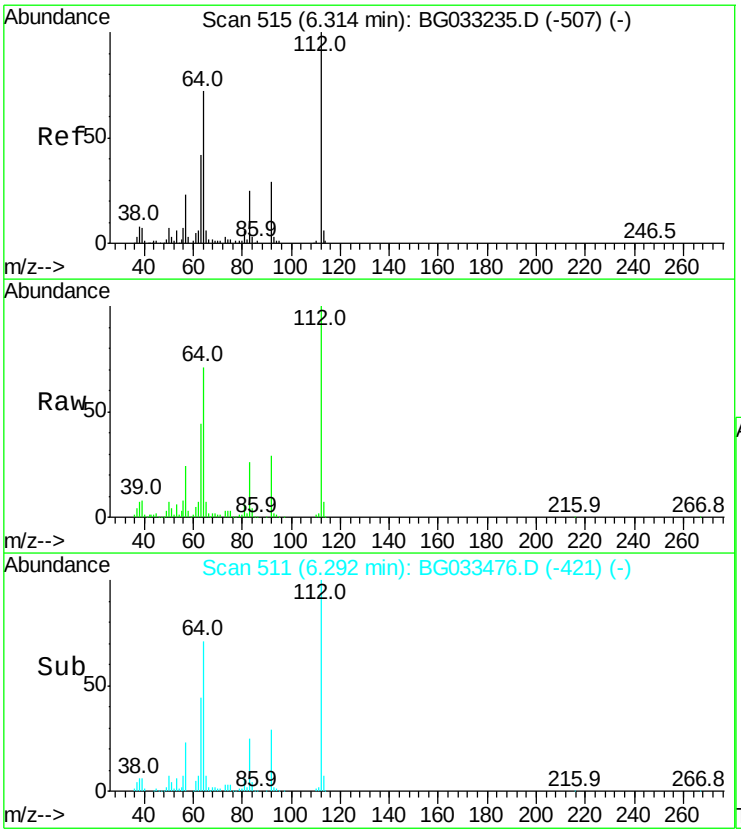
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 28763

Ion	Ratio	Lower	Upper
152	100		
150	148.5	126.6	189.8
115	55.4	53.0	79.4

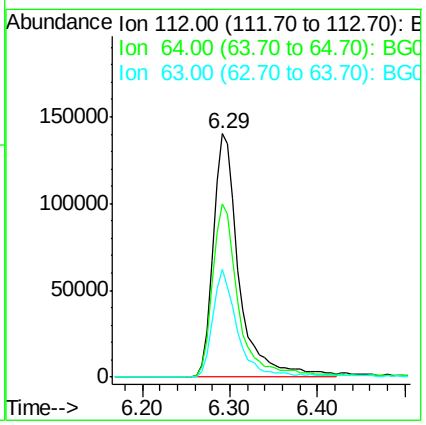


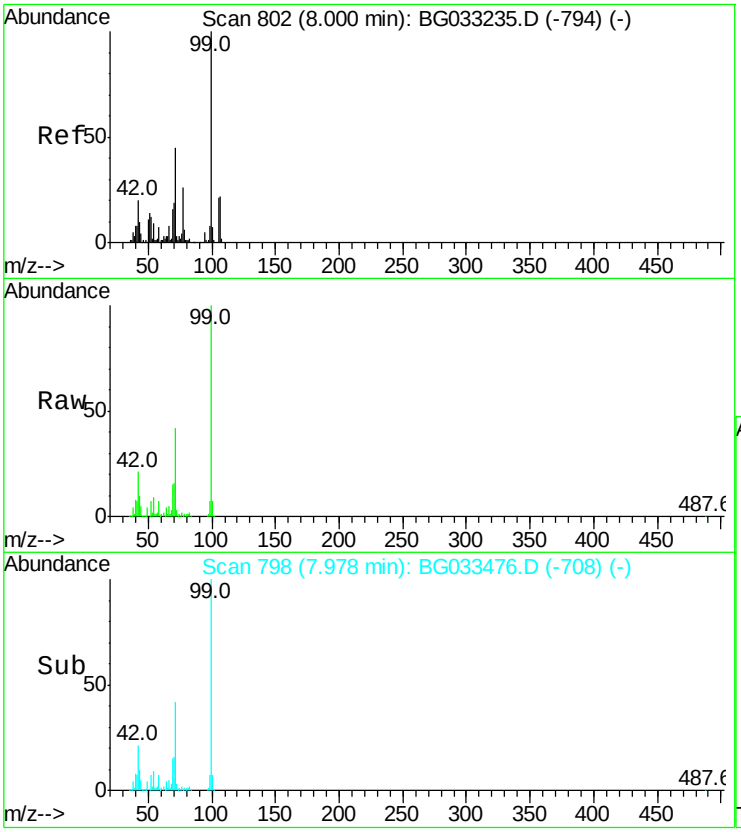


#5
2-Fluorophenol
Concen: 187.447 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Tgt Ion:112 Resp: 287531

Ion	Ratio	Lower	Upper
112	100		
64	71.3	56.3	84.5
63	44.3	30.1	45.1



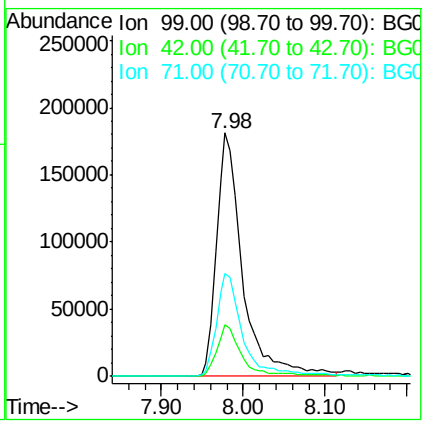


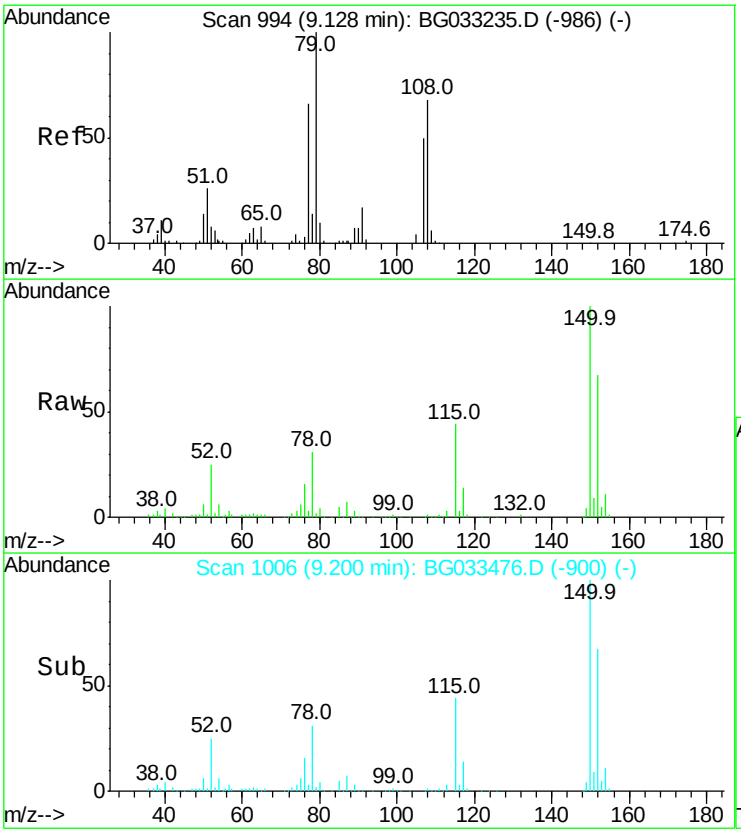
#7
Phenol-d6
Concen: 152.452 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.00 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 401804

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.1	21.1#
71	42.2	26.1	39.1#

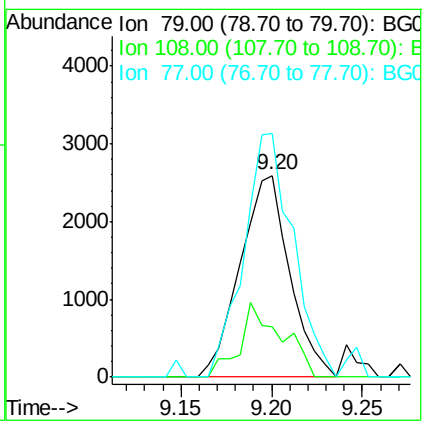


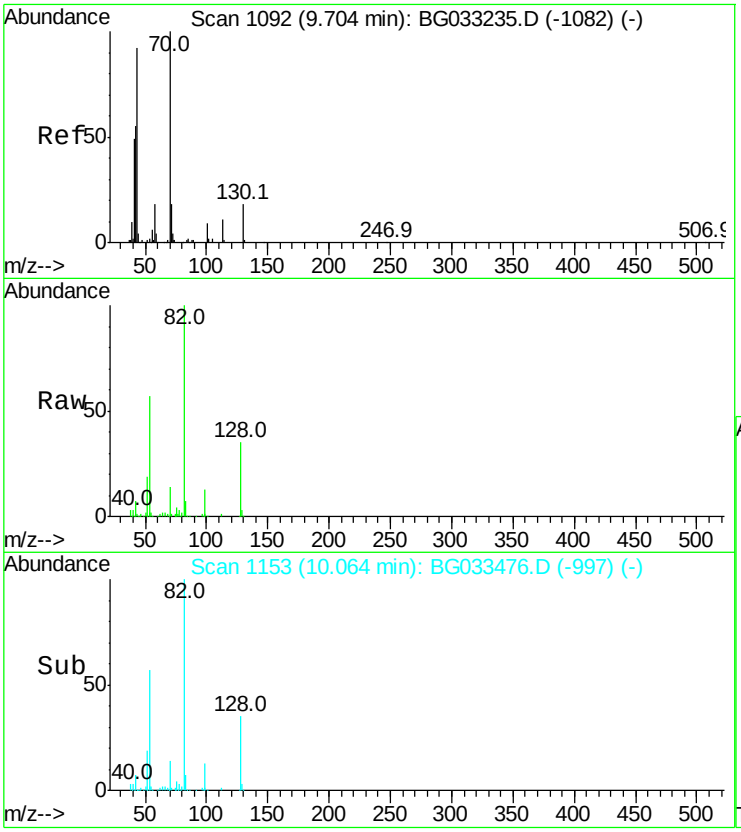


#15
Benzyl Alcohol
Concen: 2.380 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.09 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Tgt Ion: 79 Resp: 4939

Ion	Ratio	Lower	Upper
79	100		
108	24.8	57.2	85.8#
77	120.8	46.1	69.1#



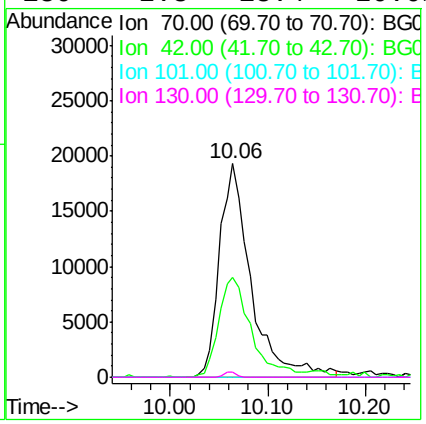


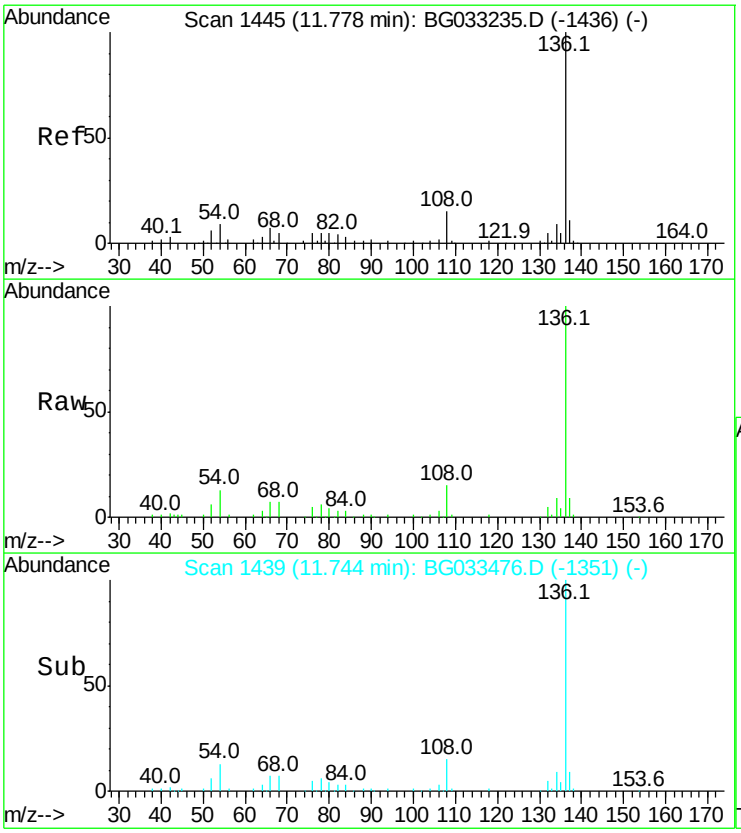
#19
n-Nitroso-di-n-propylamine
Concen: 22.476 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 43408

Ion	Ratio	Lower	Upper
70	100		
42	46.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#

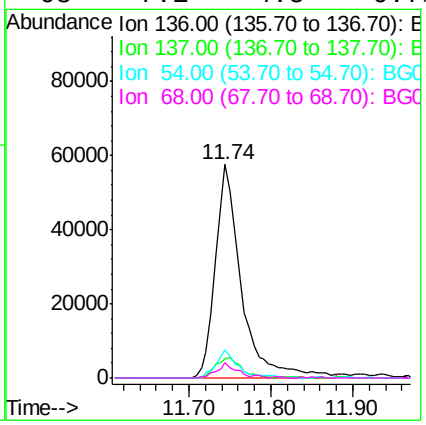


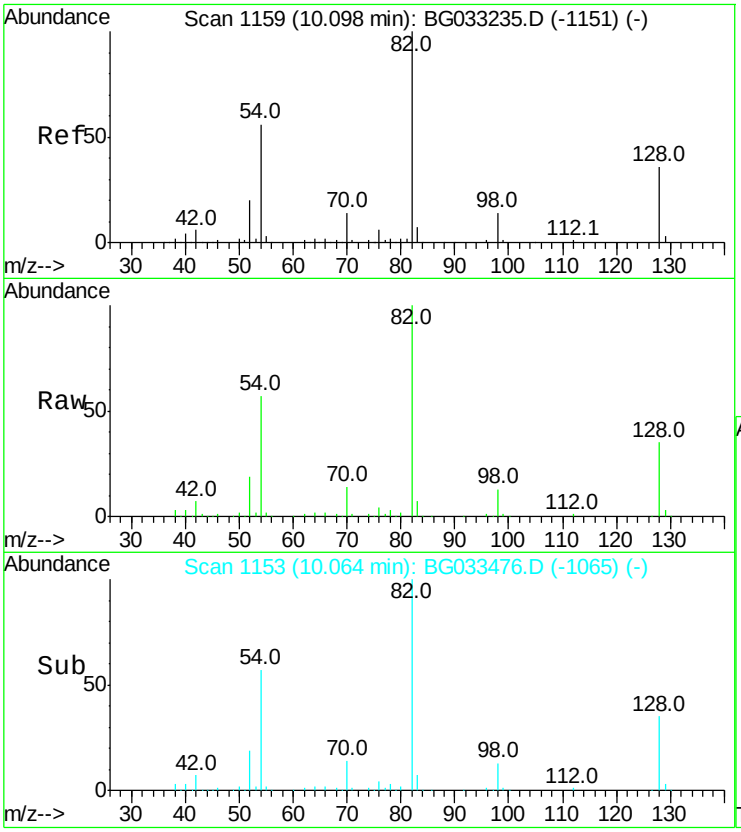


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Tgt Ion:136 Resp: 127742

Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.2	13.8
54	13.0	10.3	15.5
68	7.1	4.5	6.7#



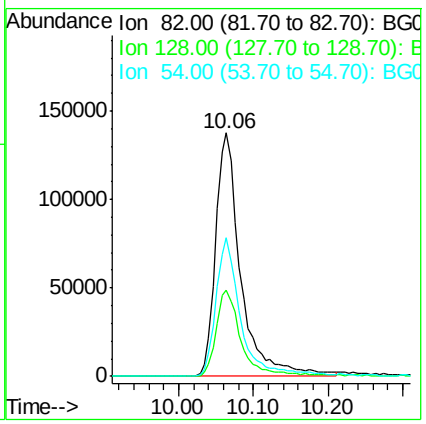


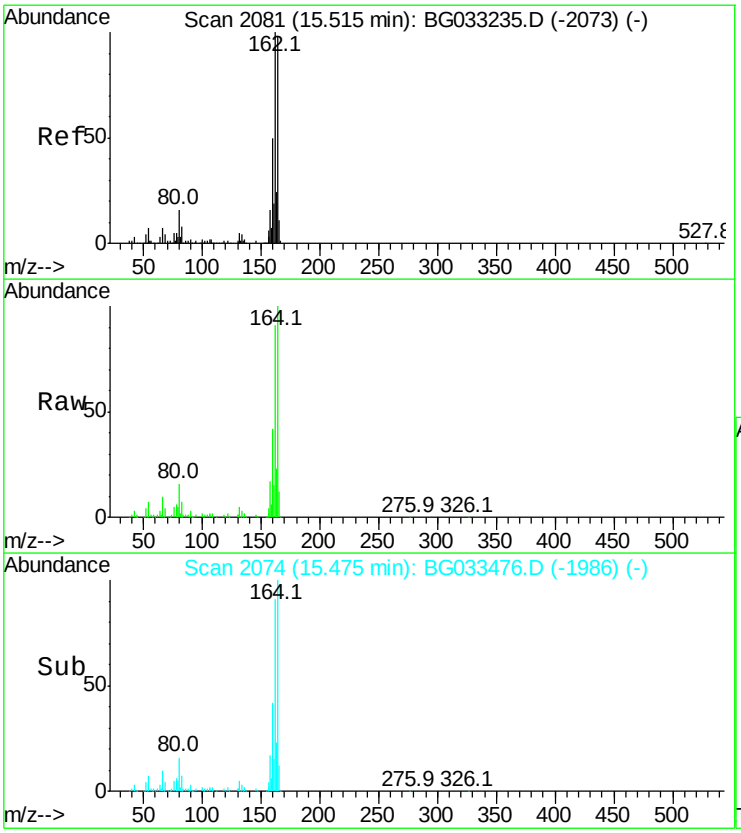
#23
Nitrobenzene-d5
Concen: 115.318 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 320629

Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	56.8	43.1	64.7

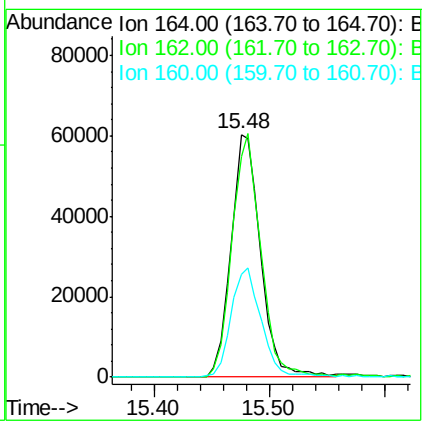


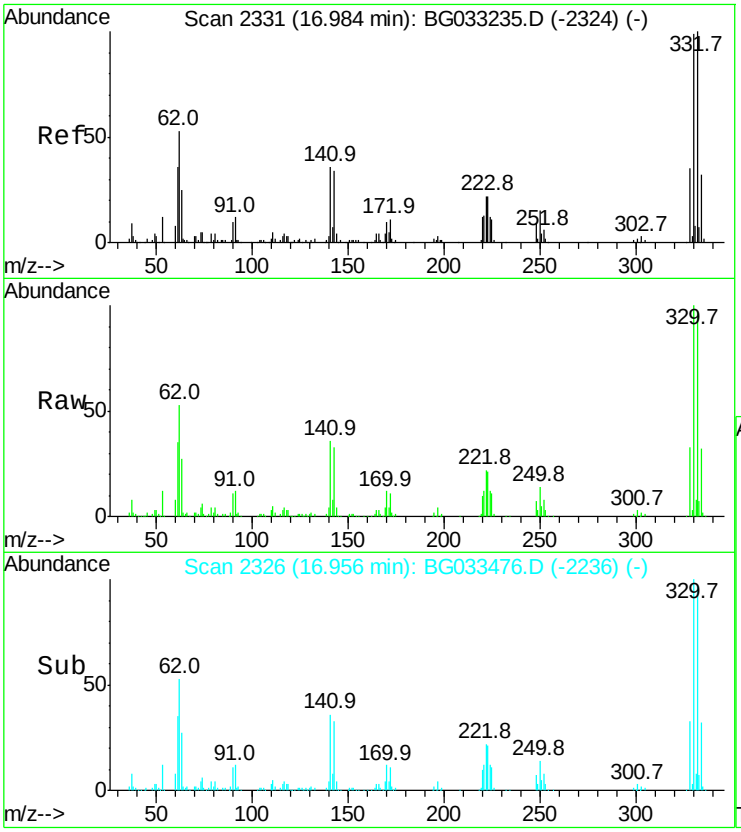


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Tgt Ion:164 Resp: 106449

Ion	Ratio	Lower	Upper
164	100		
162	90.8	78.8	118.2
160	42.2	35.4	53.0



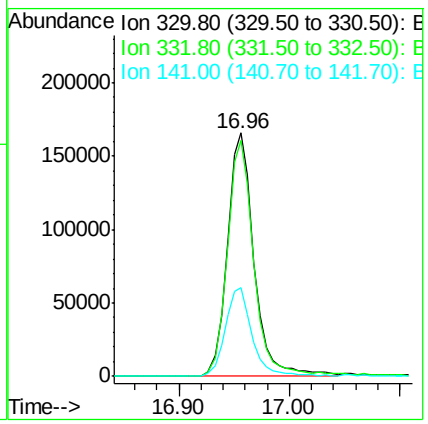


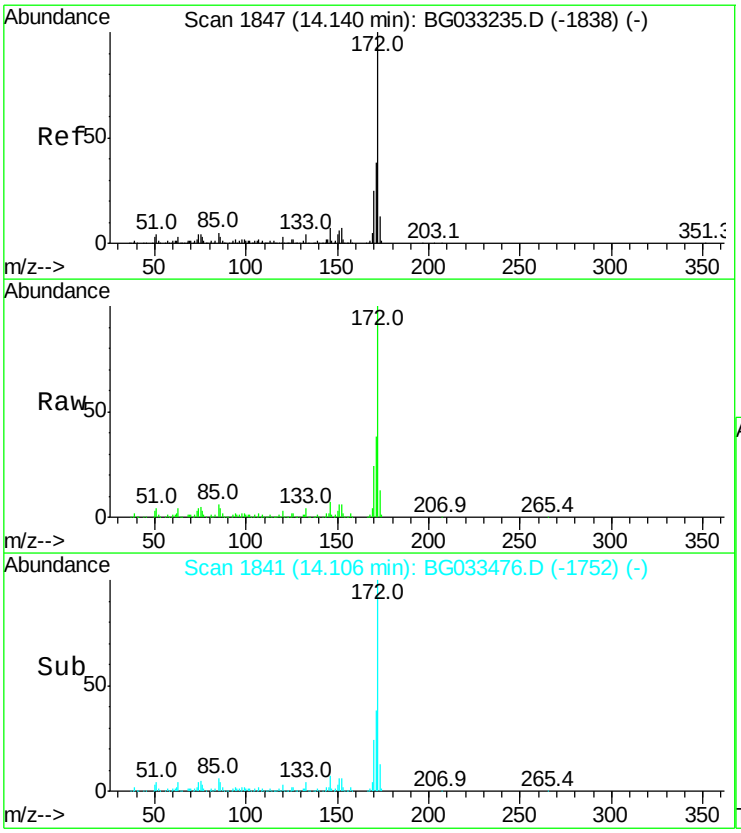
#41
2,4,6-Tribromophenol
Concen: 176.219 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 280552

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.3	25.2	37.8

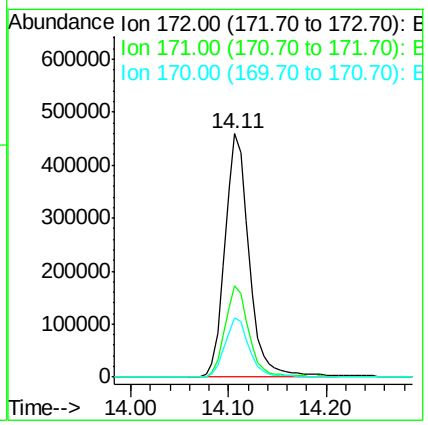


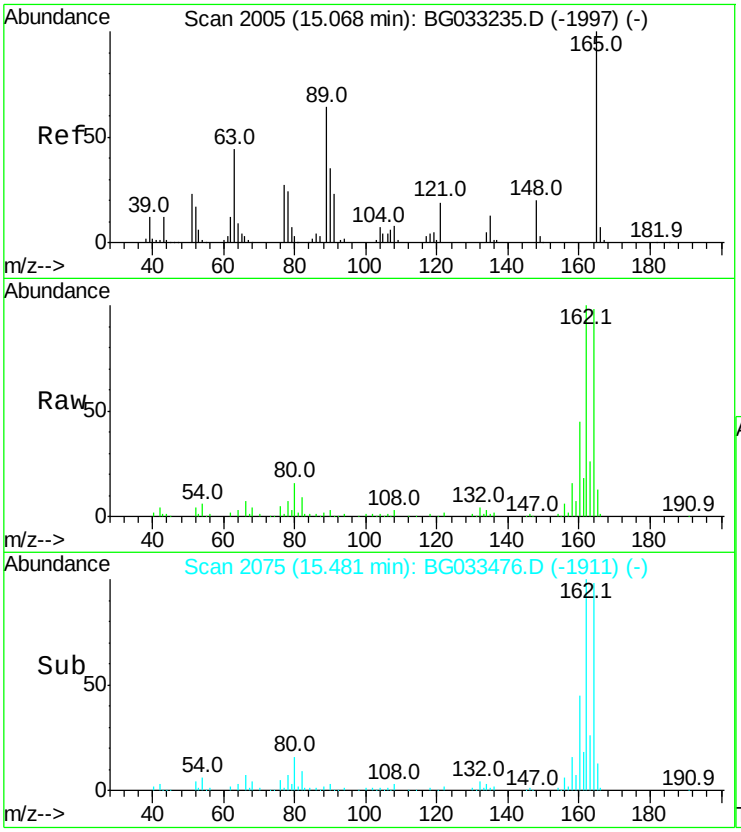


#44
2-Fluorobiphenyl
Concen: 107.328 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Tgt Ion:172 Resp: 791405

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.4	19.5	29.3



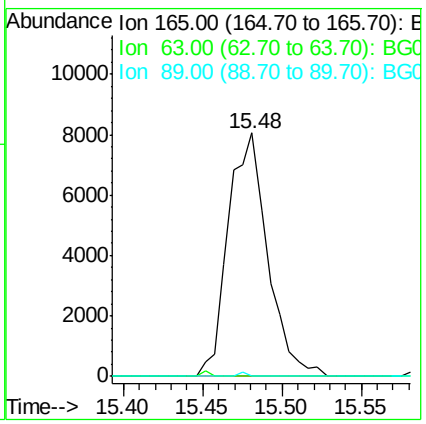


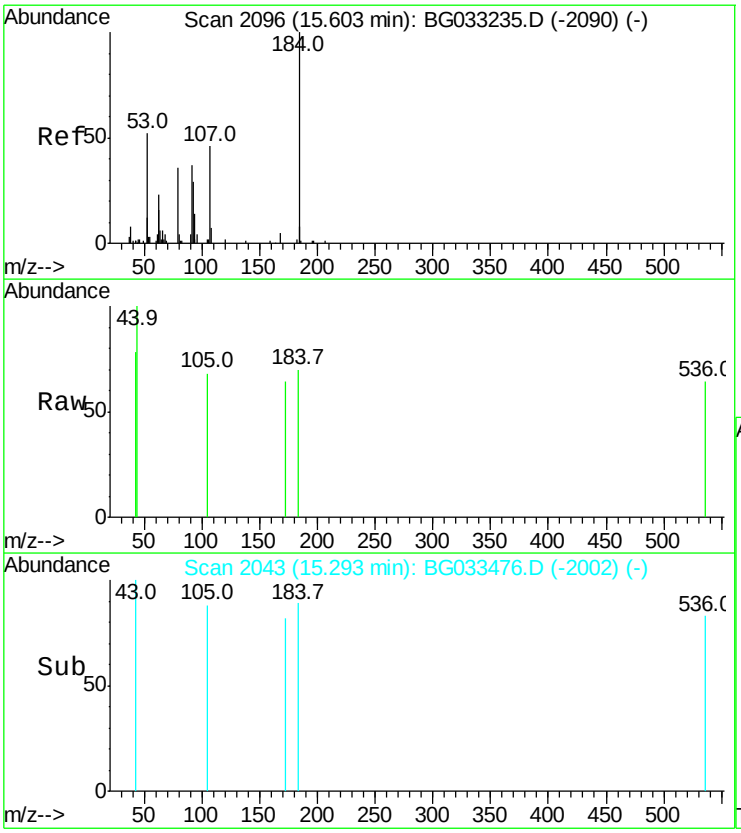
#50
2,6-Dinitrotoluene
Concen: 7.315 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.43 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13856

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

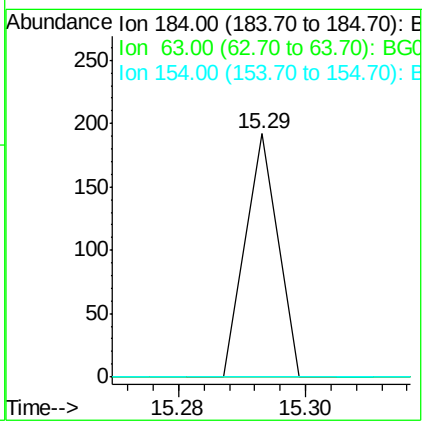


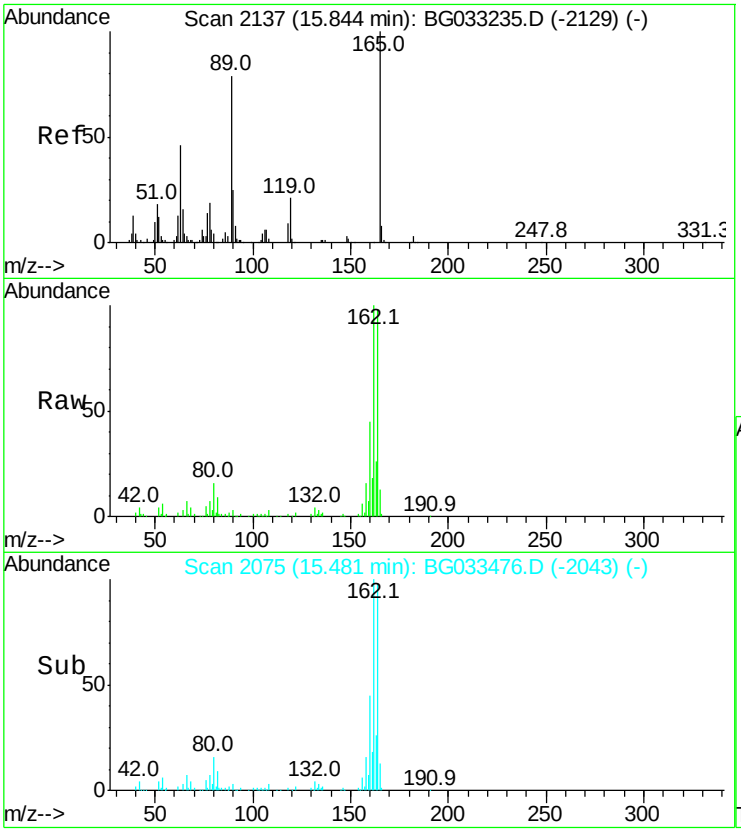


#53
2,4-Dinitrophenol
Concen: 7.706 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.29 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Tgt Ion:184 Resp: 68

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



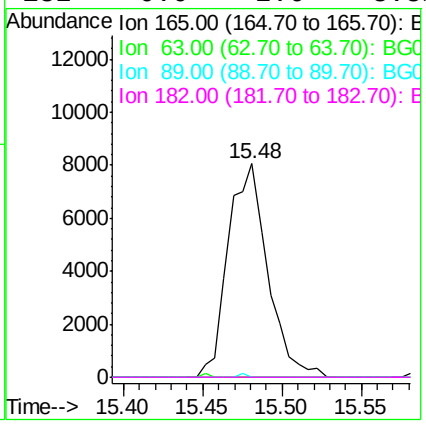


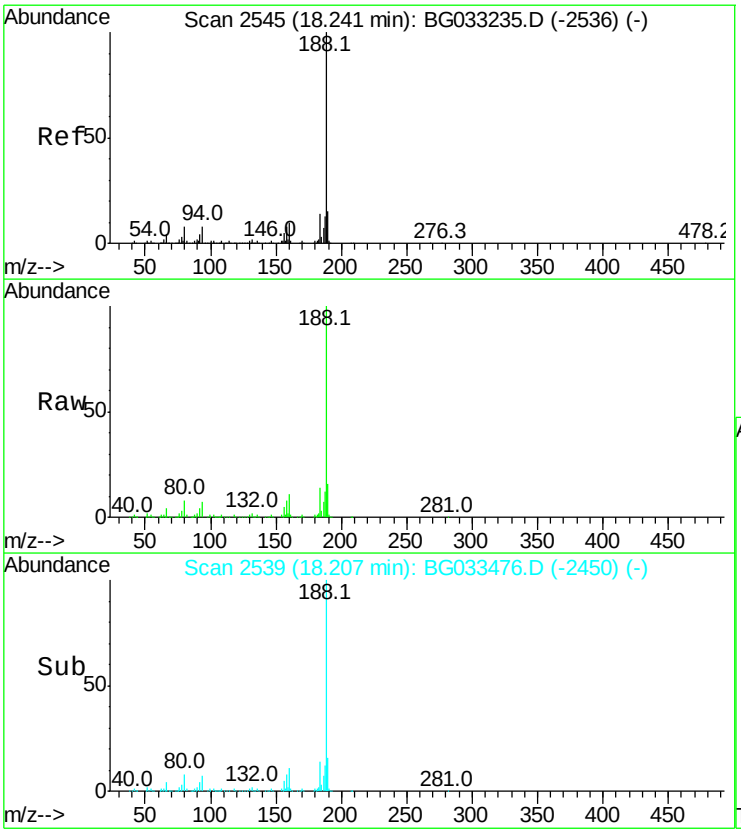
#56
2,4-Dinitrotoluene
Concen: 4.968 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13856

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#

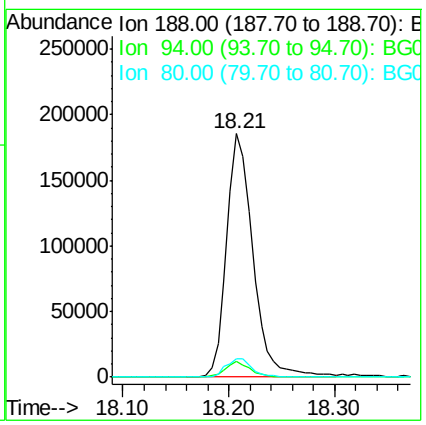


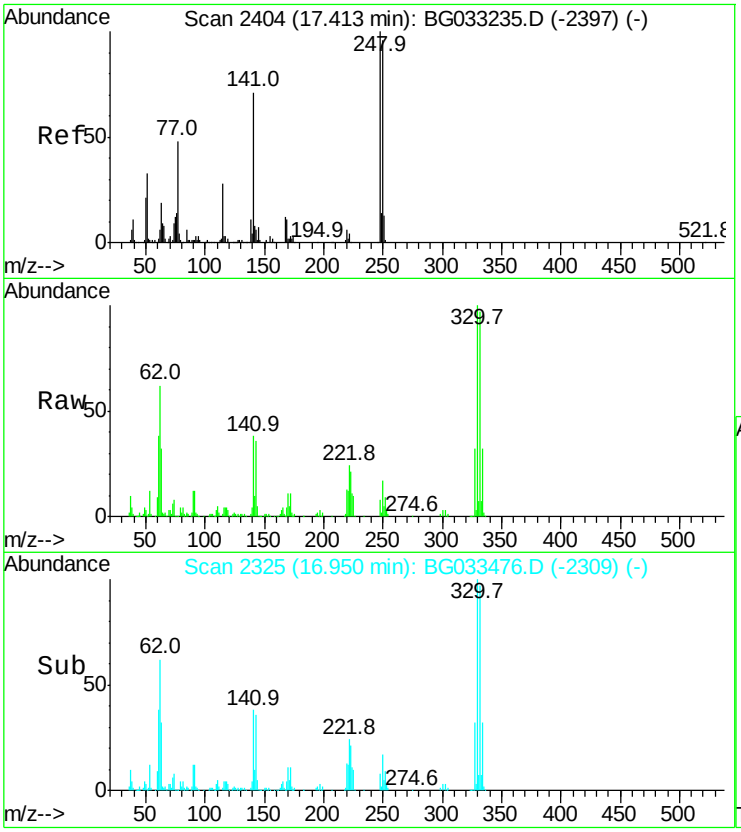


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Tgt Ion:188 Resp: 320444

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.6	7.7	11.5#



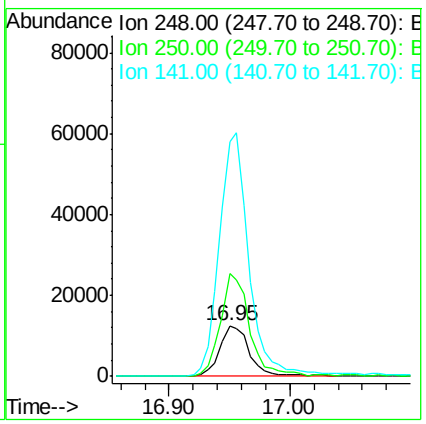


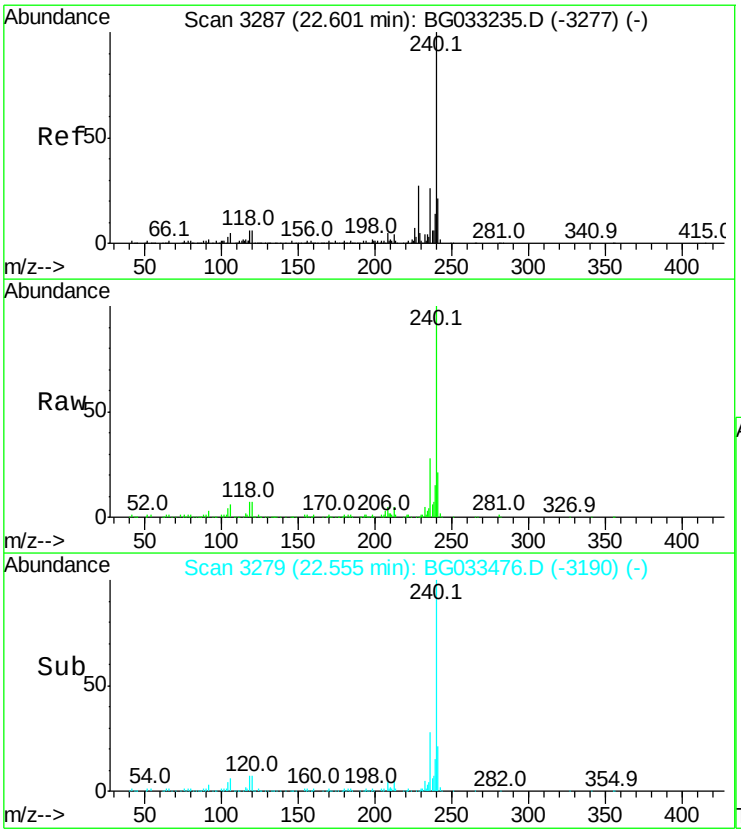
#66
4-Bromophenyl-phenylether
Concen: 5.745 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 21621

Ion	Ratio	Lower	Upper
248	100		
250	201.9	77.1	115.7#
141	460.3	50.8	76.2#

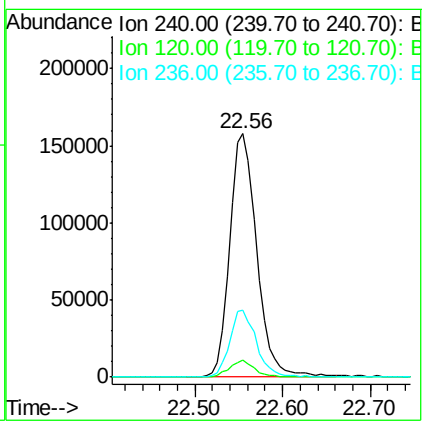


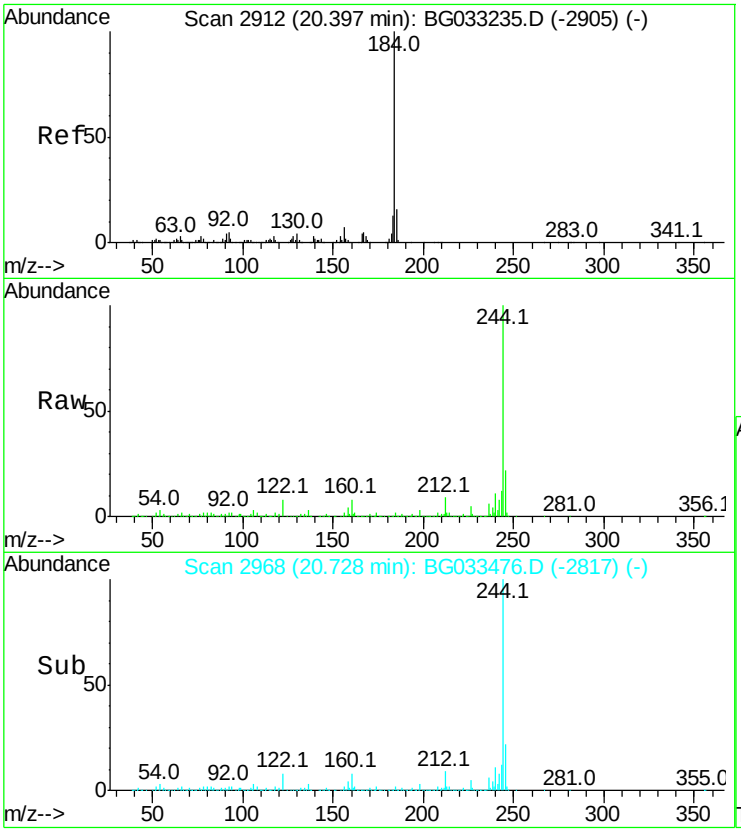


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Tgt Ion:240 Resp: 330487

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.8	10.2
236	27.6	20.9	31.3



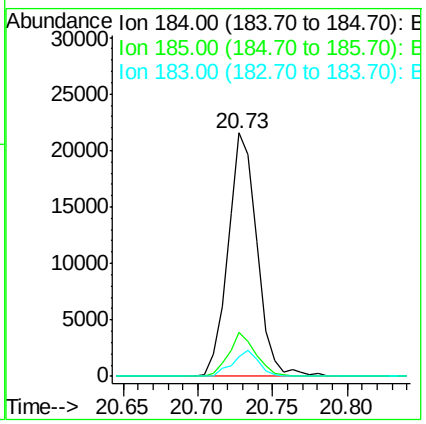


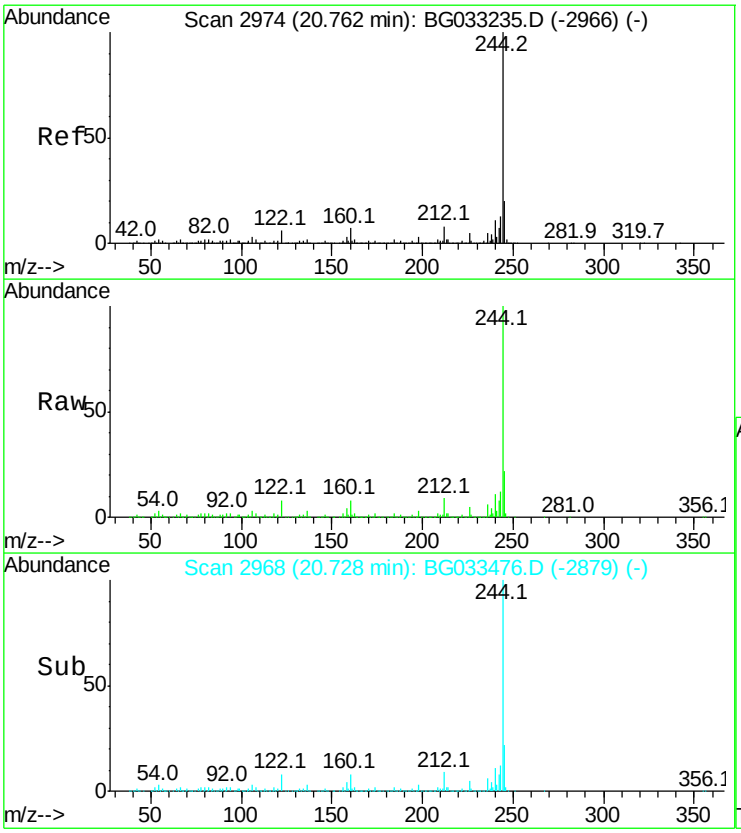
#76
Benzidine
Concen: 3.271 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 29320

Ion	Ratio	Lower	Upper
184	100		
185	18.0	11.1	16.7#
183	8.1	10.6	16.0#

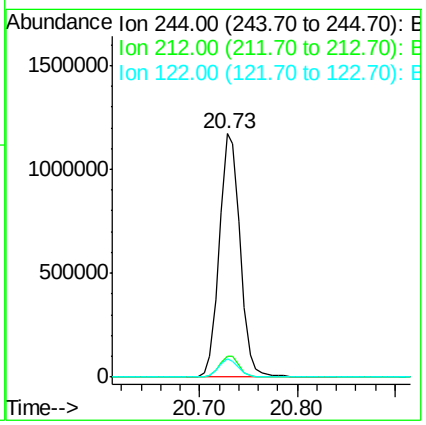


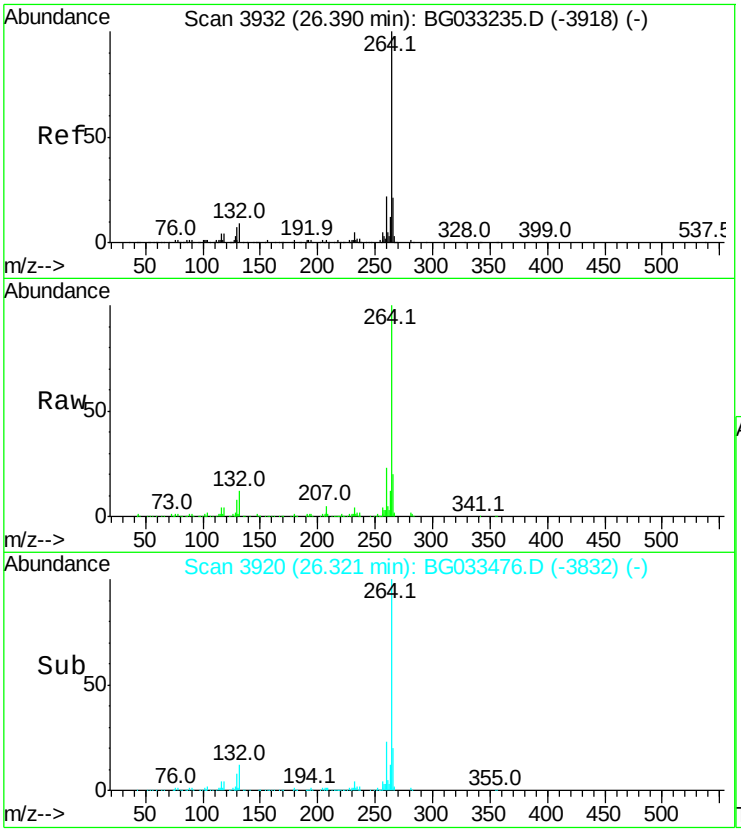


#78
Terphenyl-d14
Concen: 111.436 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Tgt Ion:244 Resp: 1722059

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.6	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 350929

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	19.9	17.7	26.5