Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033018\
Data File : BG033467.D
Acq On : 31 Mar 2018 3:02
Operator : SJ/JU
Sample : J2137-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 31 04:45:05 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	27719	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	122757	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	101799	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	302315	20.00	ng	0.00
75) Chrysene-d12	22.56	240	313497	20.00	ng	0.00
86) Perylene-d12	26.32	264	333956	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	251614	170.21	ng	0.00
7) Phenol-d6	7.98	99	356712	140.44	ng	0.00
23) Nitrobenzene-d5	10.07	82	277910	104.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	247393	162.49	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	705186	100.00	ng	0.00
78) Terphenyl-d14	20.73	244	1516986	103.49	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.20	79	4404	2.202	ng	# 34
19) n-Nitroso-di-n-propylamine	10.06	70	35385	19.012	ng	# 73
31) Naphthalene	11.80	128	15357	2.414	ng	# 84
50) 2,6-Dinitrotoluene	15.48	165	13304	7.344	ng	# 20
53) 2,4-Dinitrophenol	15.32	184	58	7.699	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	13304	4.988	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	18946	5.336	ng	# 1
76) Benzidine	20.73	184	24792	2.916	ng	# 90

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

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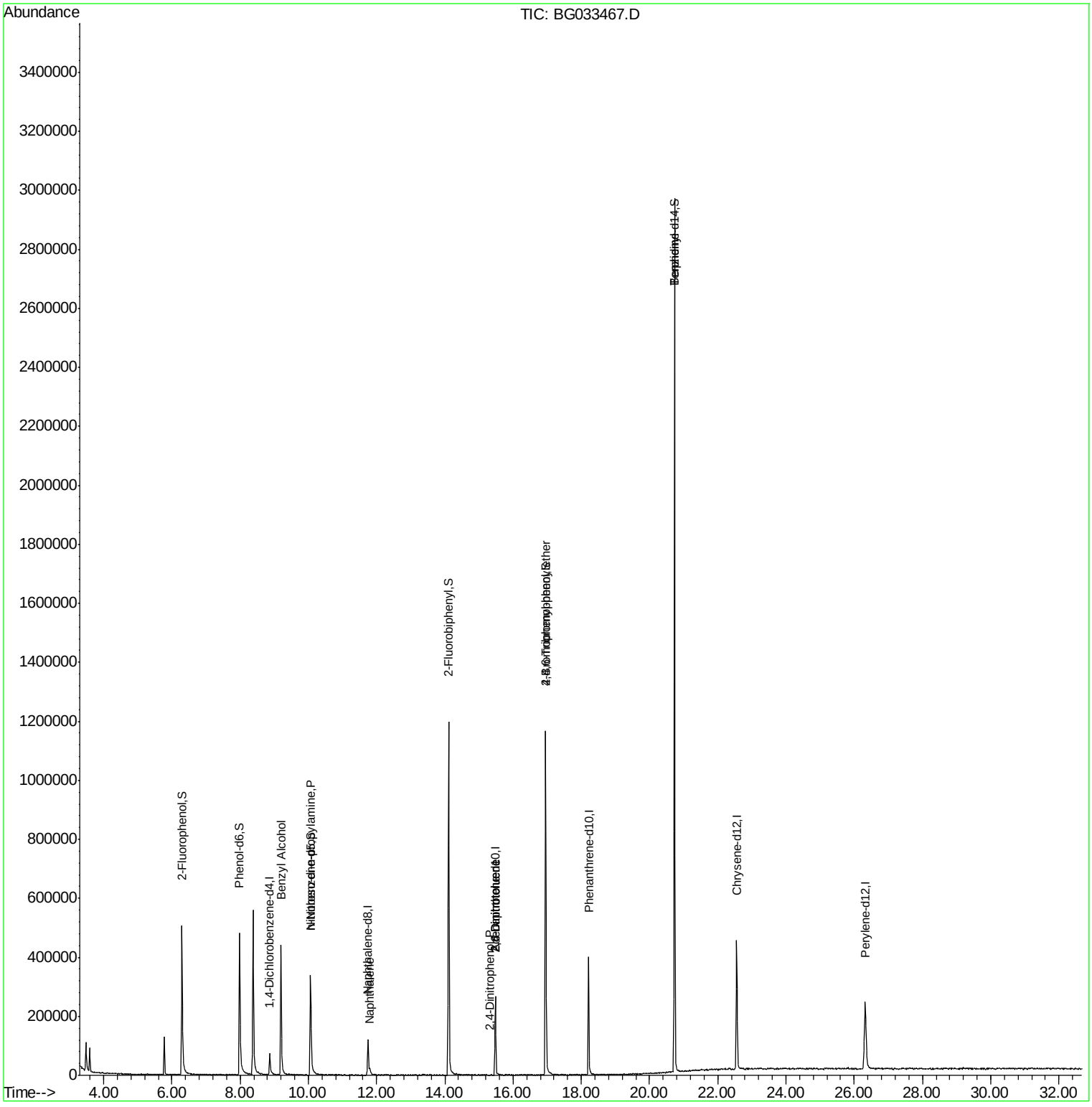
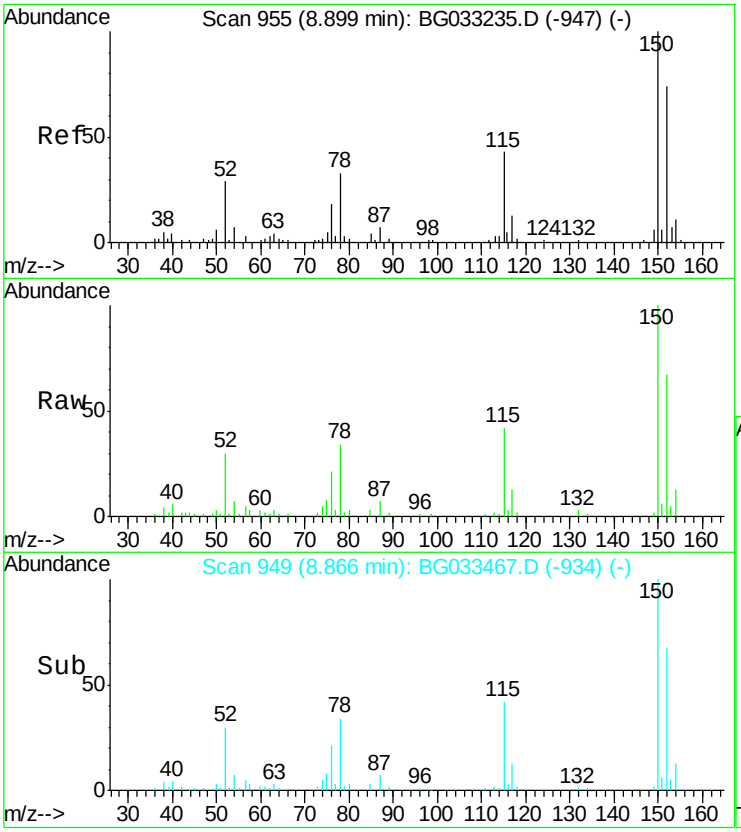


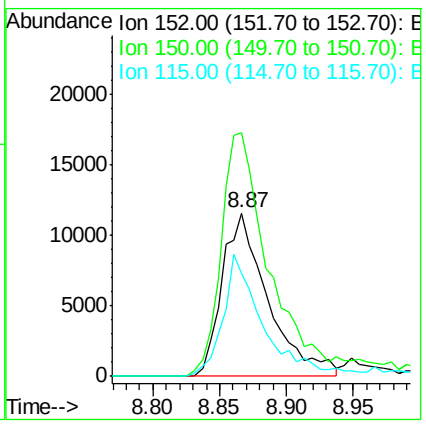


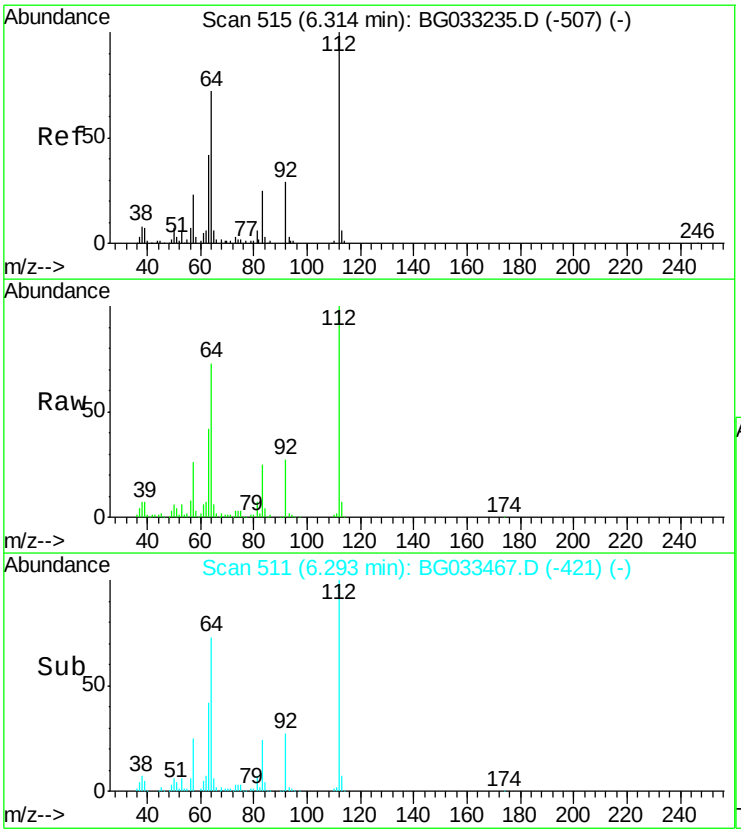
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27719

Ion	Ratio	Lower	Upper
152	100		
150	148.9	126.6	189.8
115	62.9	53.0	79.4

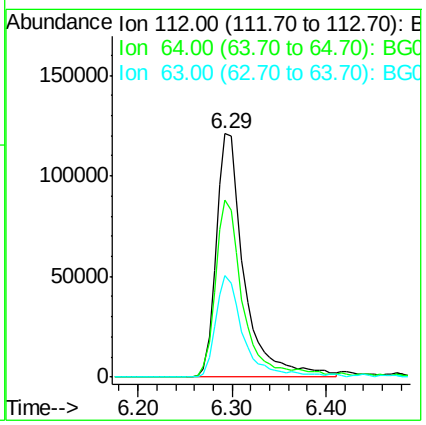


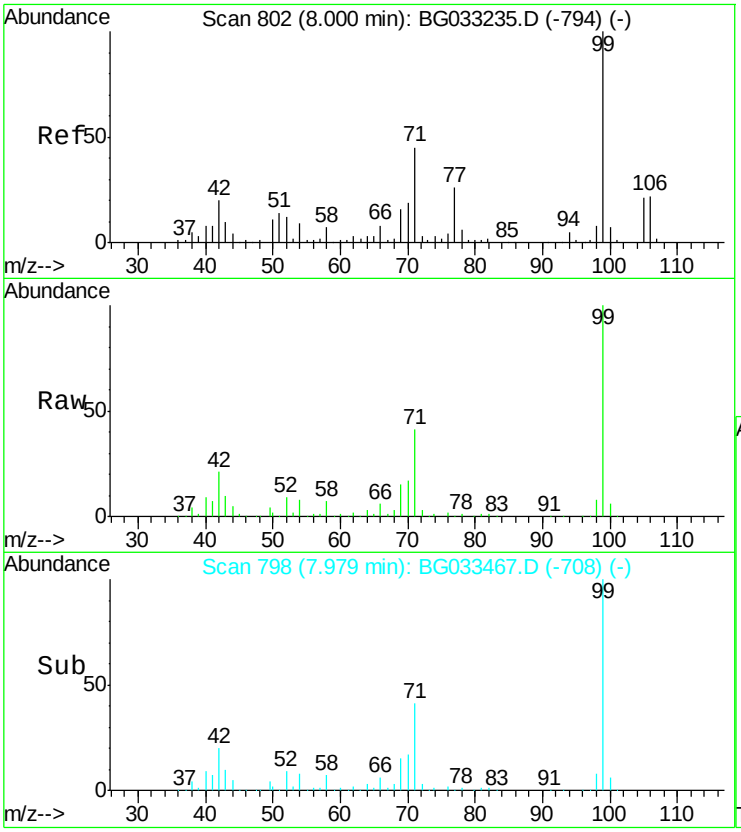


#5
2-Fluorophenol
Concen: 170.211 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Tgt Ion:112 Resp: 251614

Ion	Ratio	Lower	Upper
112	100		
64	72.9	56.3	84.5
63	41.7	30.1	45.1



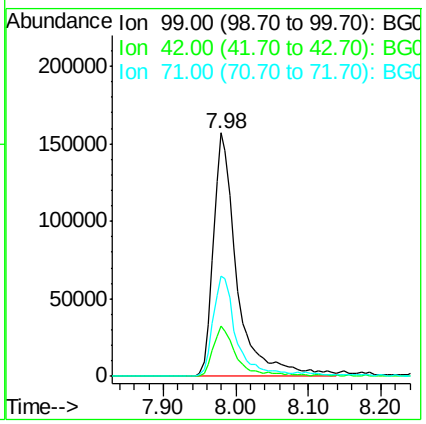


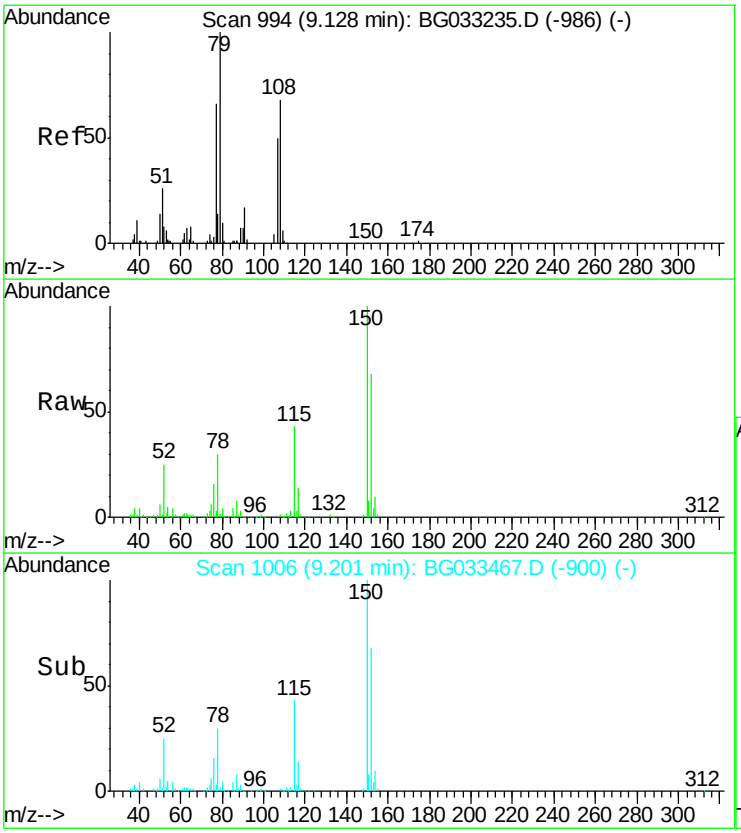
#7
Phenol-d6
Concen: 140.441 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.00 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 356712

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.1	21.1
71	41.4	26.1	39.1#

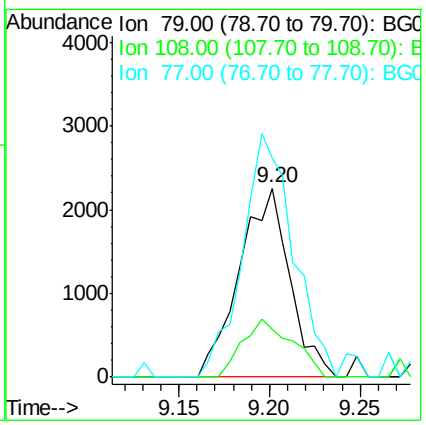


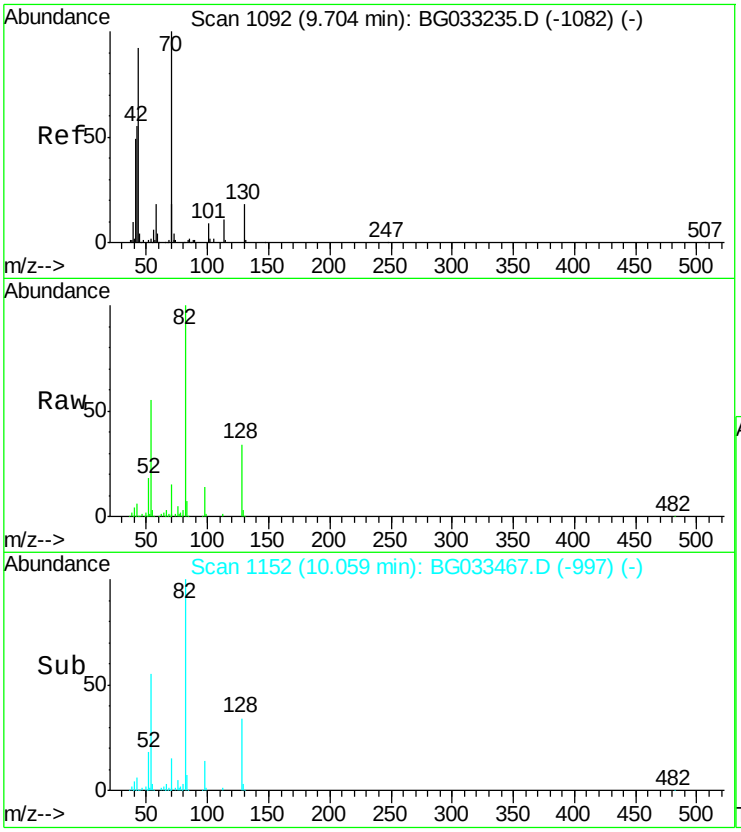


#15
Benzyl Alcohol
Concen: 2.202 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.09 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Tgt Ion: 79 Resp: 4404

Ion	Ratio	Lower	Upper
79	100		
108	25.6	57.2	85.8#
77	116.4	46.1	69.1#



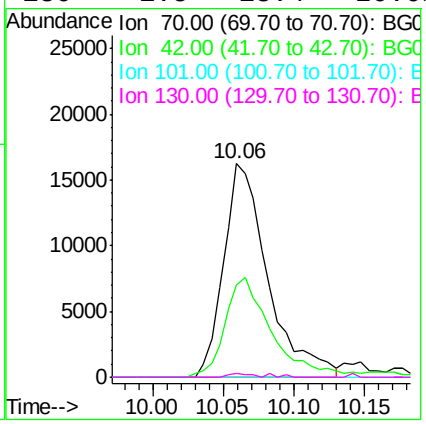


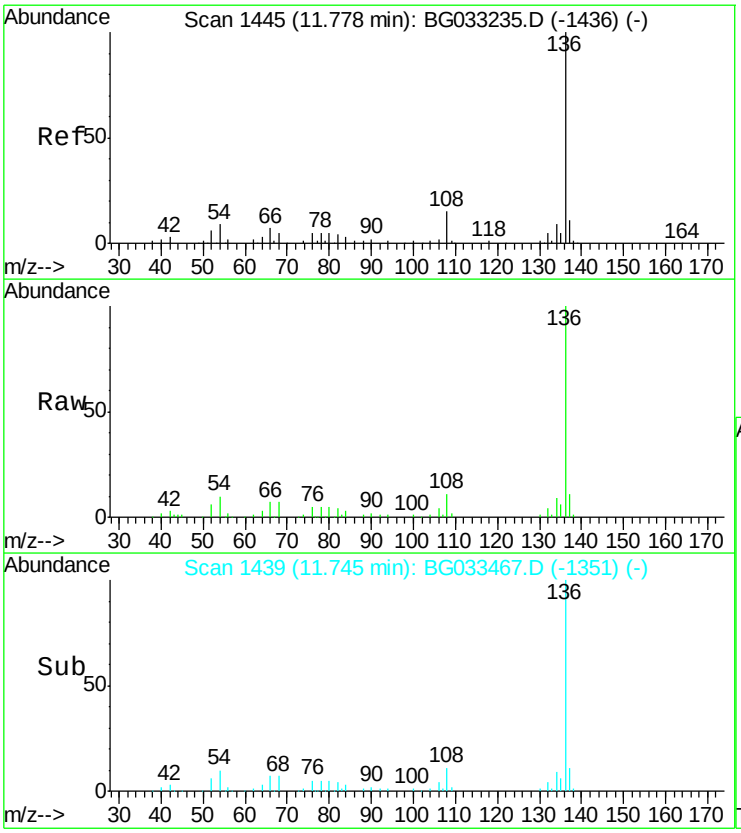
#19
n-Nitroso-di-n-propylamine
Concen: 19.012 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.38 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 35385

Ion	Ratio	Lower	Upper
70	100		
42	43.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#

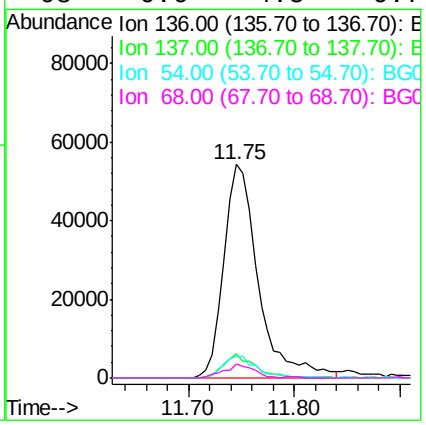


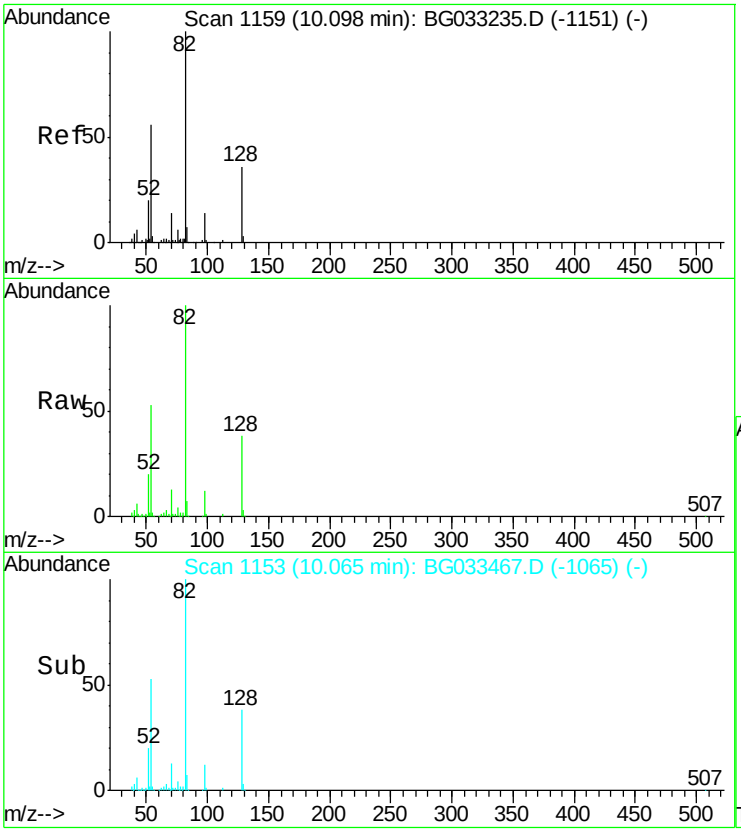


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Tgt Ion:136 Resp: 122757

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.4	10.3	15.5
68	6.6	4.5	6.7



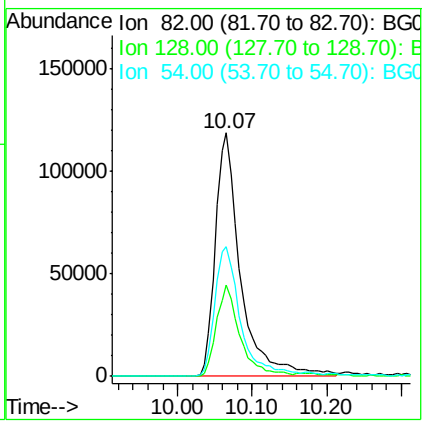


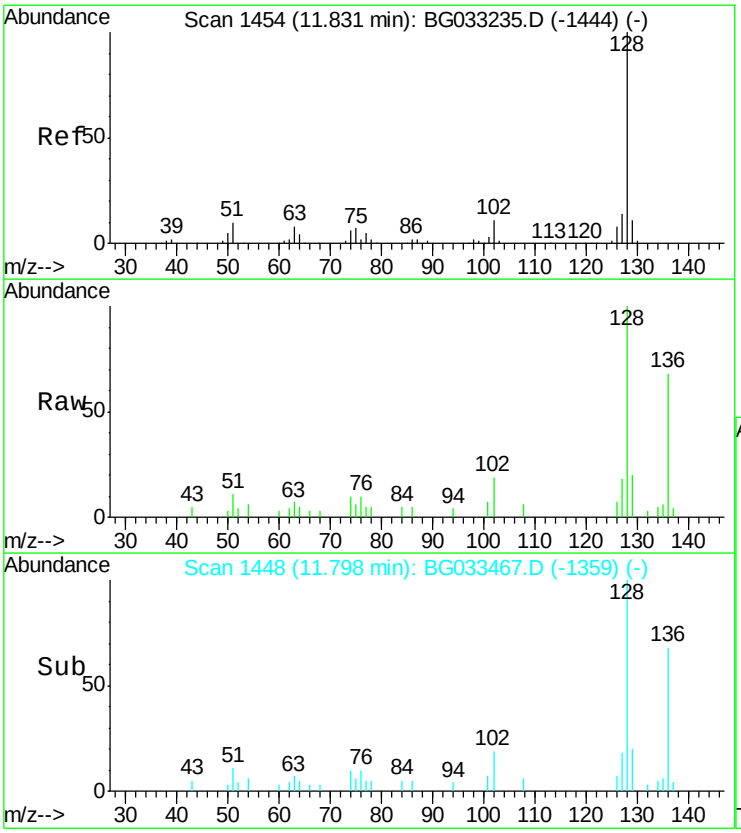
#23
Nitrobenzene-d5
Concen: 104.013 ng
RT: 10.07 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 277910

Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.7	44.5
54	53.2	43.1	64.7

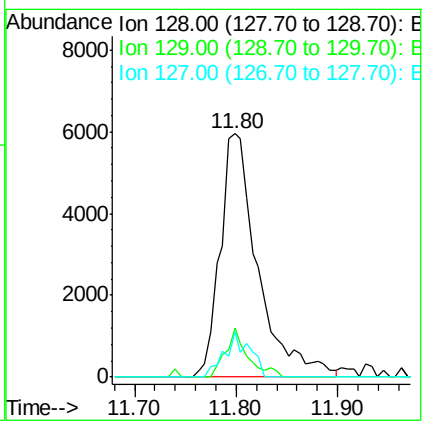


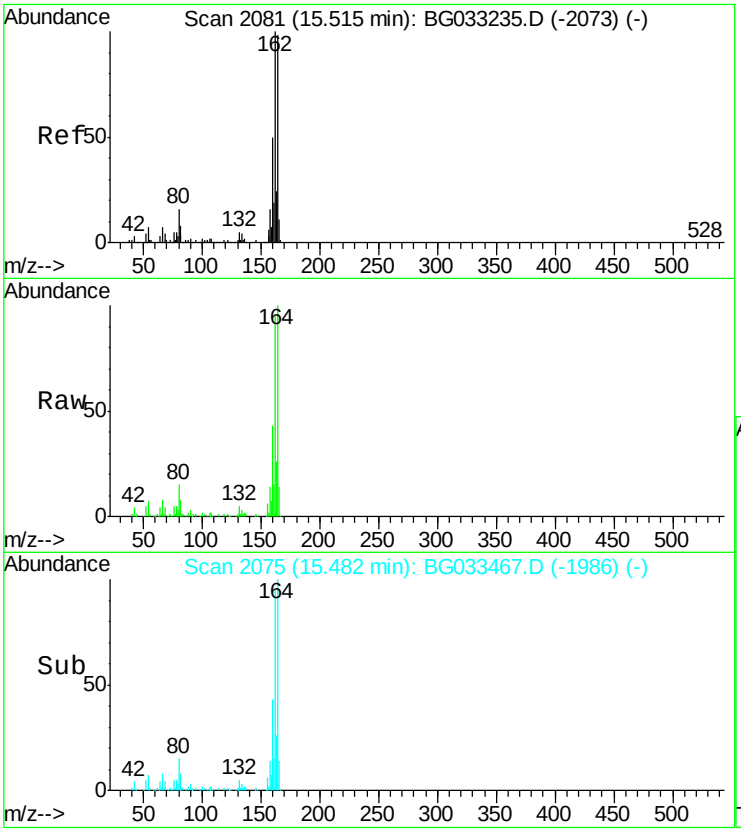


#31
Naphthalene
Concen: 2.414 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Tgt Ion:128 Resp: 15357

Ion	Ratio	Lower	Upper
128	100		
129	20.0	8.6	12.8#
127	18.3	11.6	17.4#



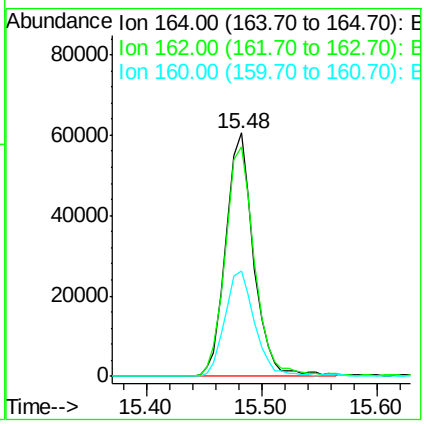


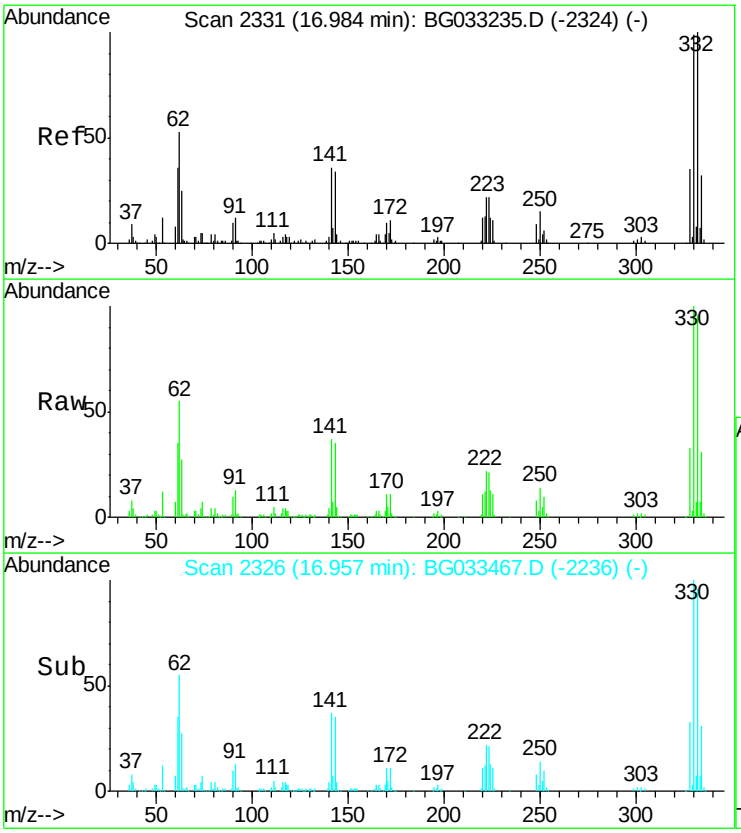
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 101799

Ion	Ratio	Lower	Upper
164	100		
162	94.5	78.8	118.2
160	43.5	35.4	53.0

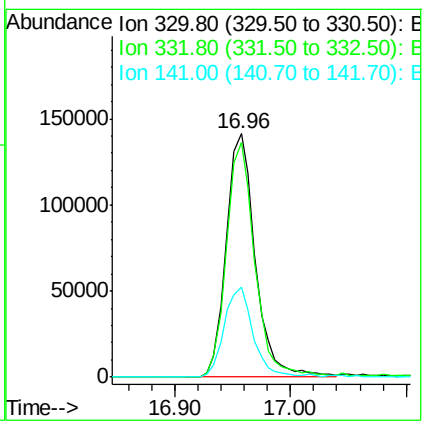


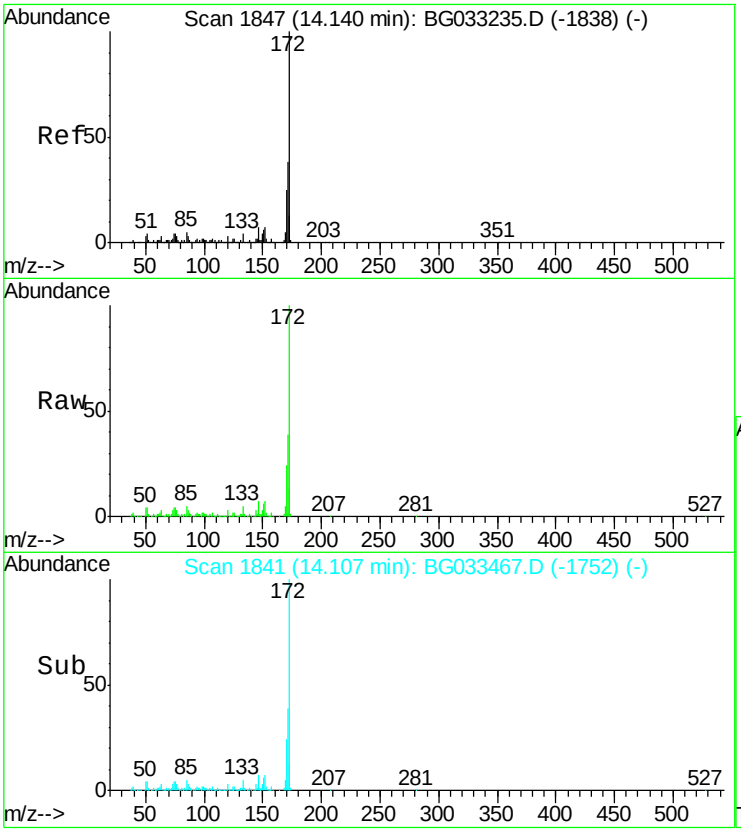


#41
2,4,6-Tribromophenol
Concen: 162.489 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Tgt Ion:330 Resp: 247393

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	36.9	25.2	37.8



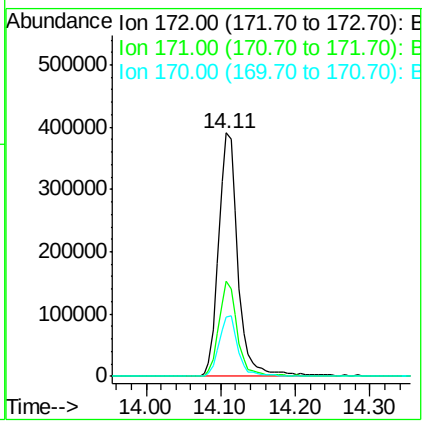


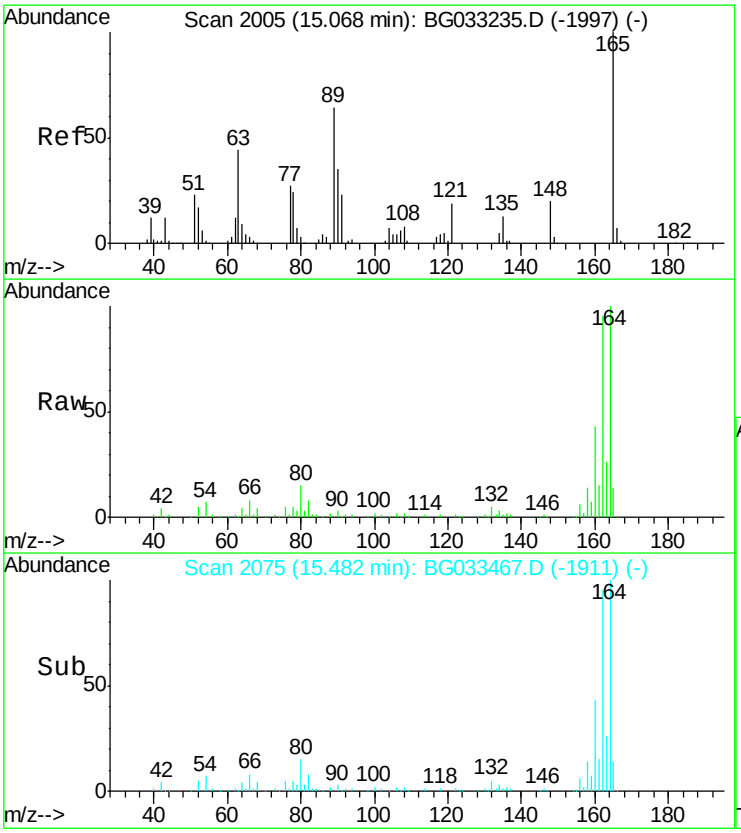
#44
2-Fluorobiphenyl
Concen: 100.004 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 705186

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	24.3	19.5	29.3

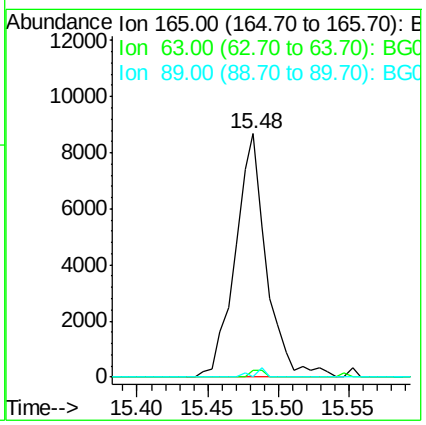


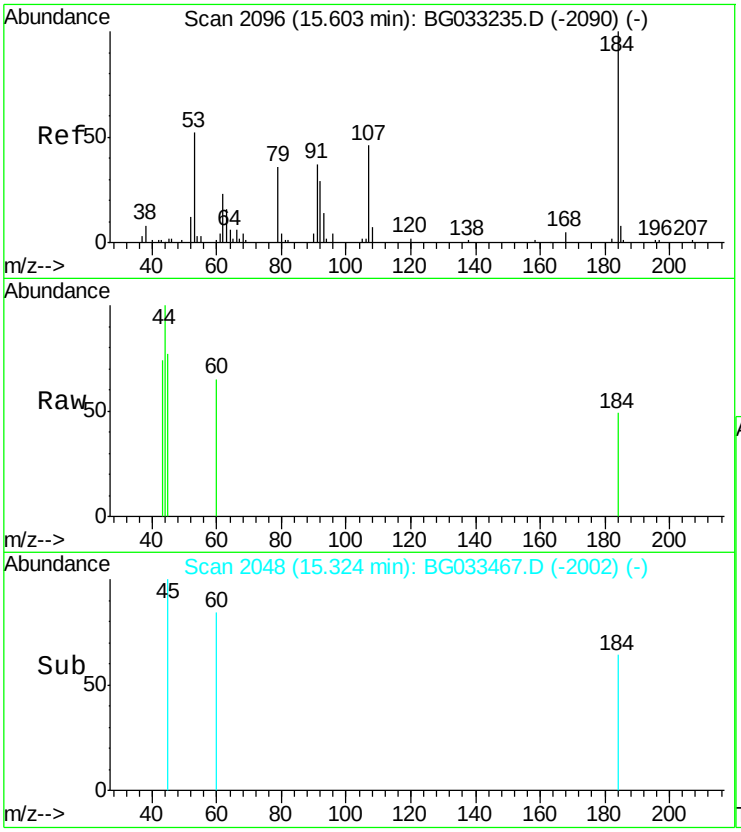


#50
2,6-Dinitrotoluene
Concen: 7.344 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.43 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Tgt Ion:165 Resp: 13304

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



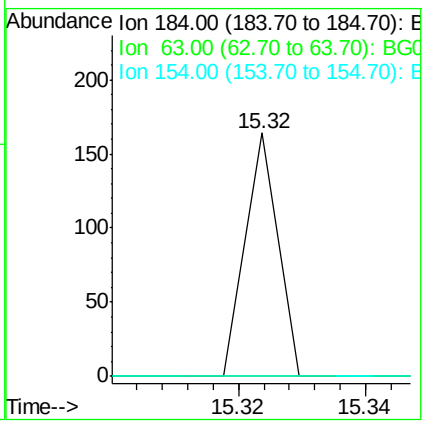


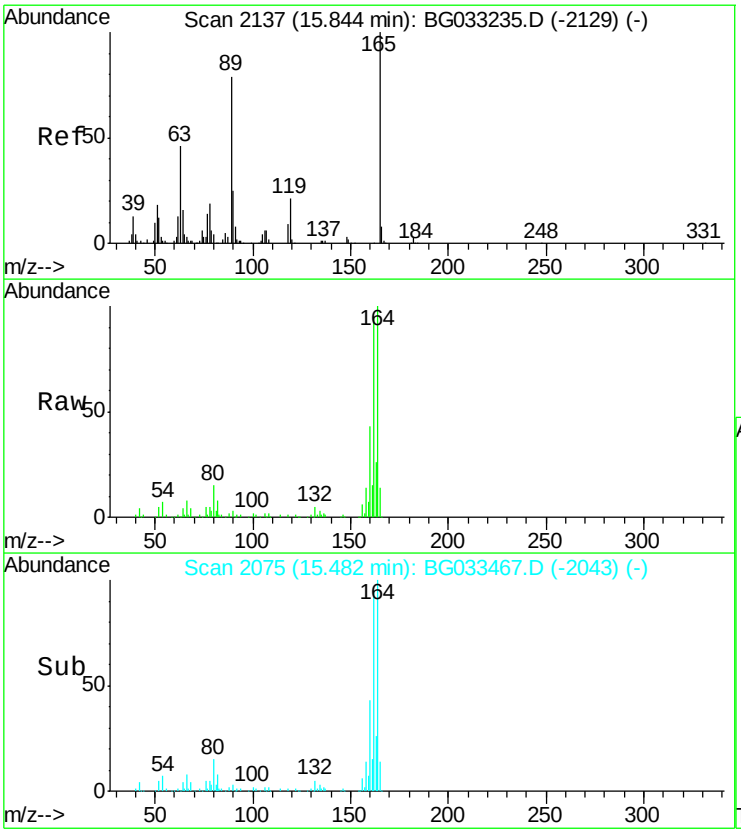
#53
2,4-Dinitrophenol
Concen: 7.699 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.26 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Instrument :
BNA_G
ClientSampleId :

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#

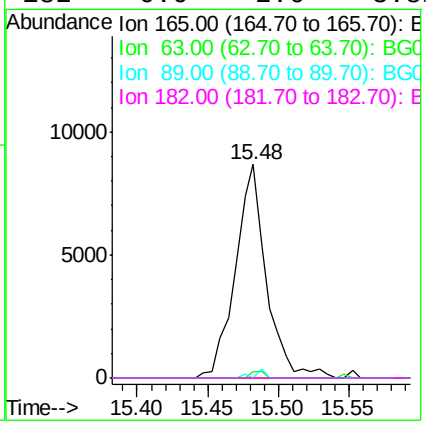


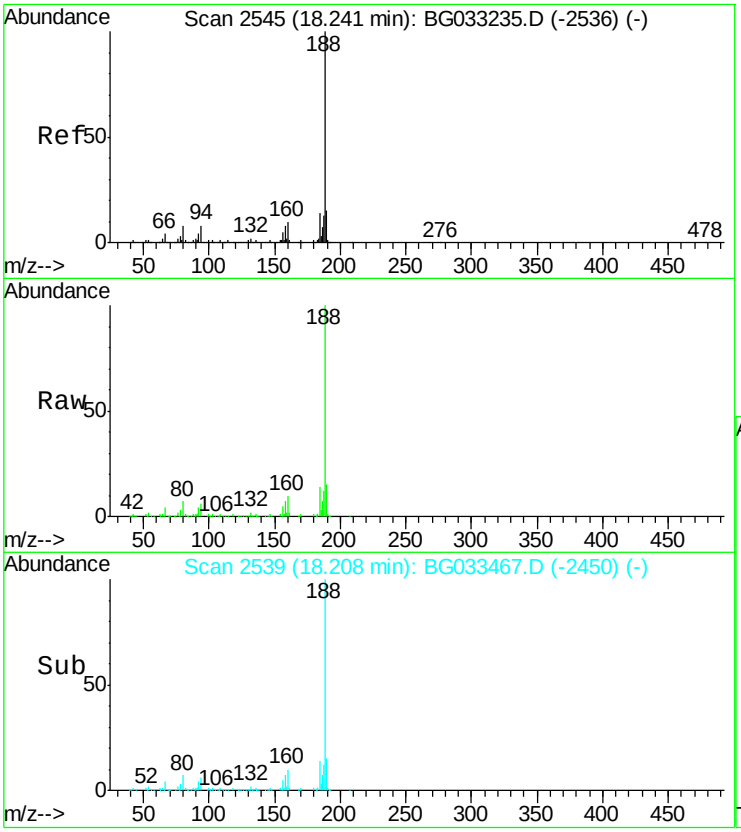


#56
2,4-Dinitrotoluene
Concen: 4.988 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Tgt Ion:165 Resp: 13304

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#



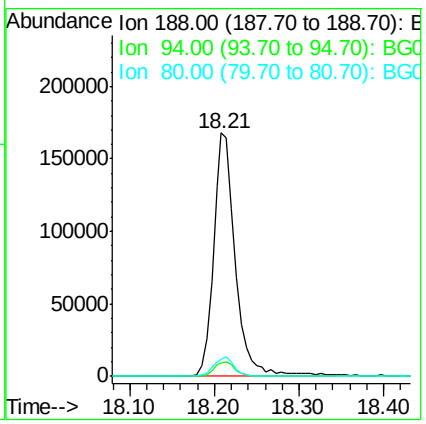


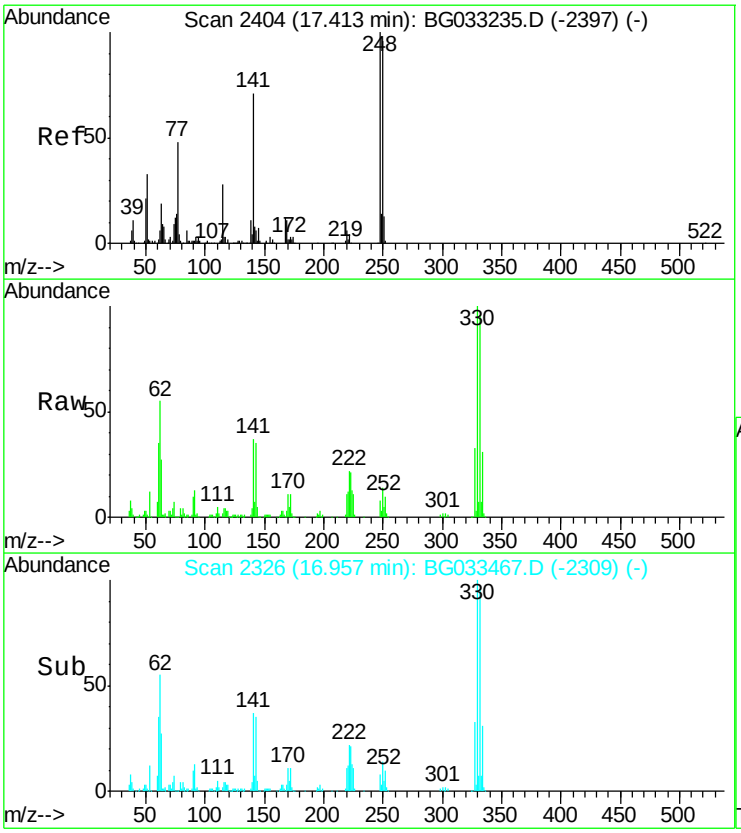
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 302315

Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	7.1	7.7	11.5#

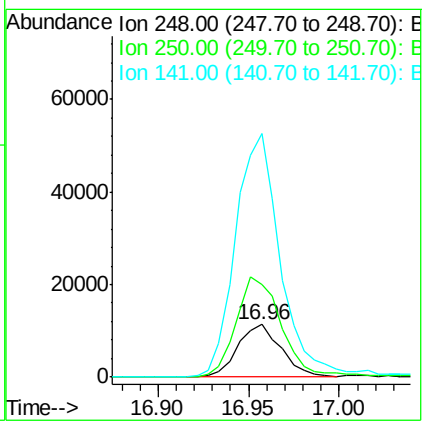


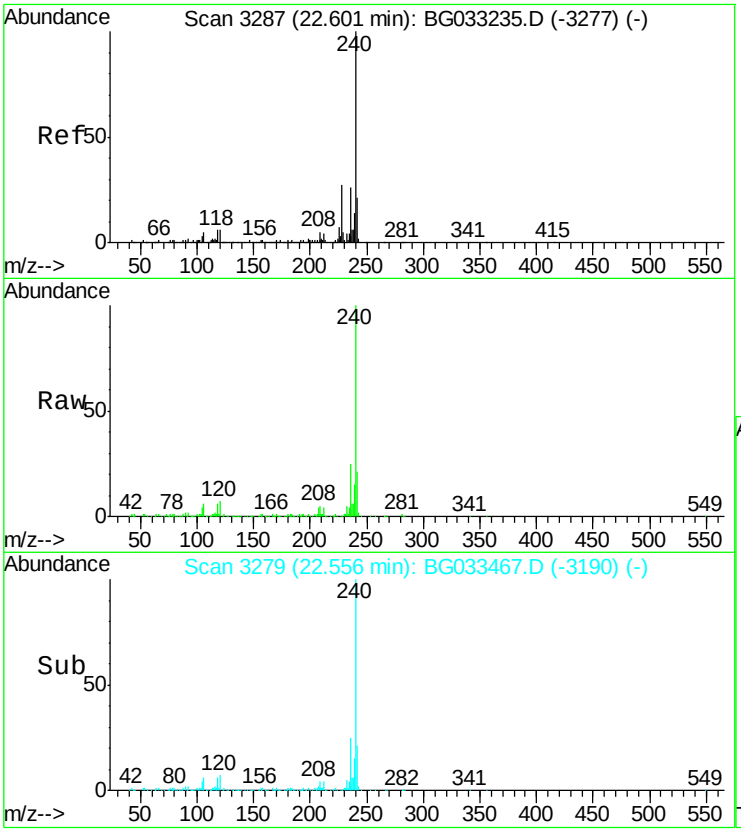


#66
4-Bromophenyl-phenylether
Concen: 5.336 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Tgt Ion:248 Resp: 18946

Ion	Ratio	Lower	Upper
248	100		
250	176.2	77.1	115.7#
141	462.2	50.8	76.2#



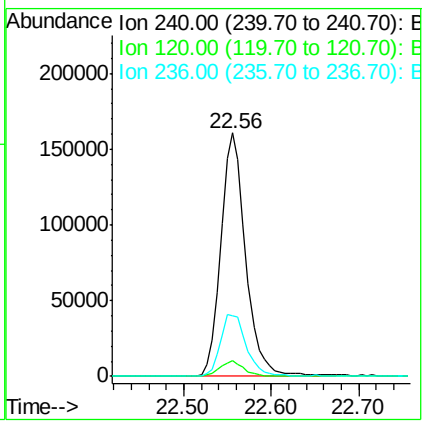


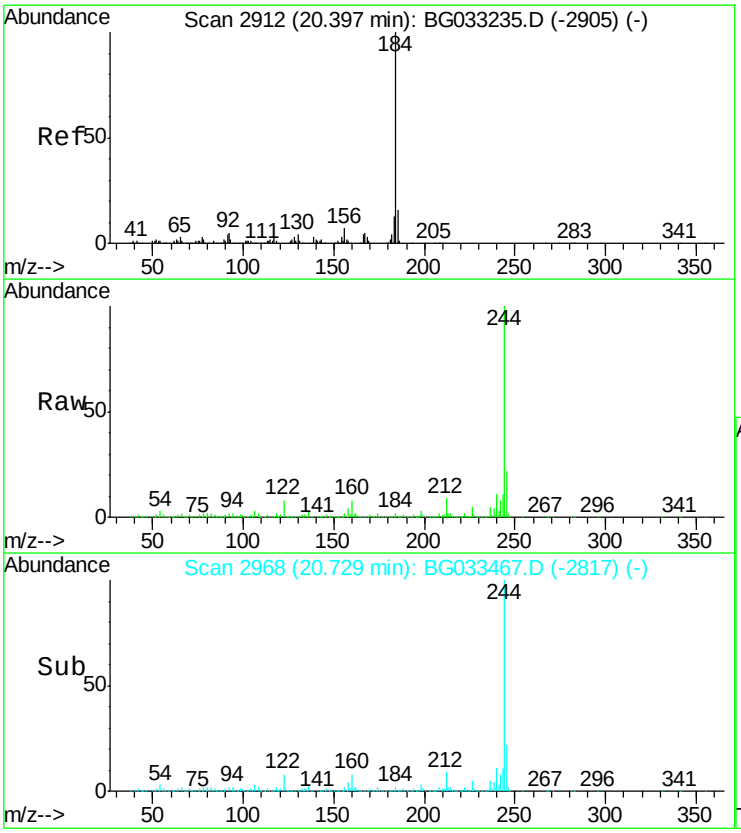
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 313497

Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.8	10.2#
236	25.1	20.9	31.3

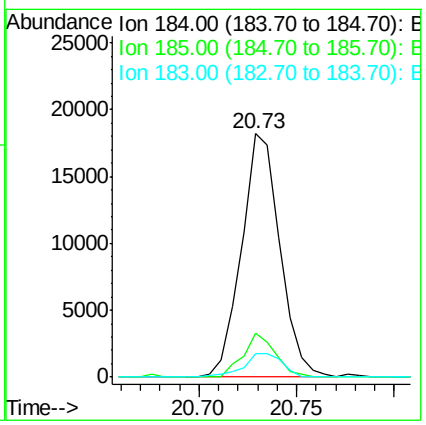


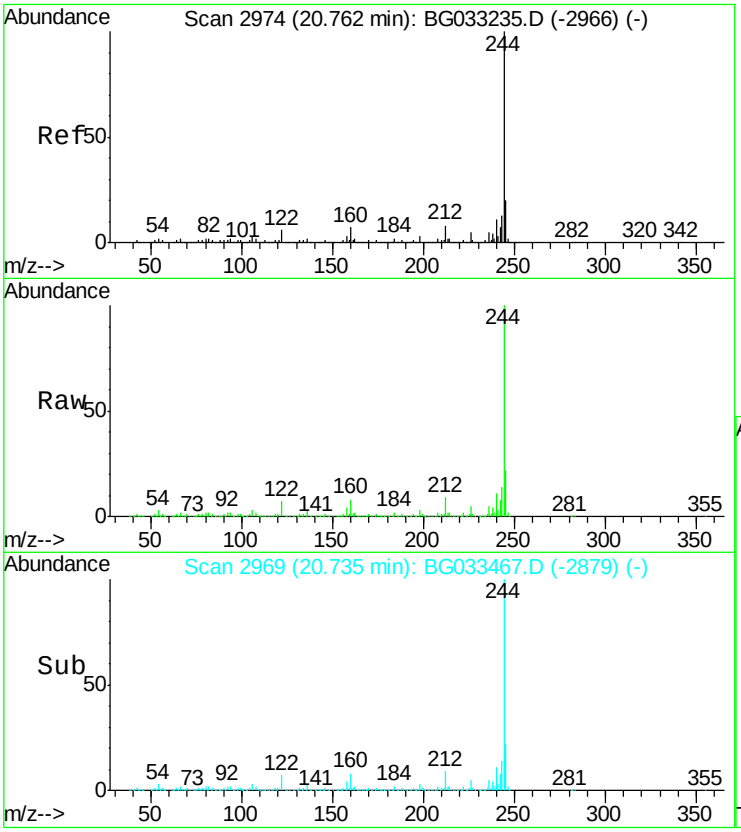


#76
Benzidine
Concen: 2.916 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Tgt Ion:184 Resp: 24792

Ion	Ratio	Lower	Upper
184	100		
185	18.0	11.1	16.7#
183	9.4	10.6	16.0#



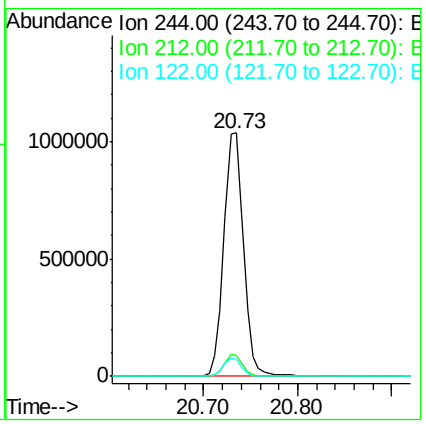


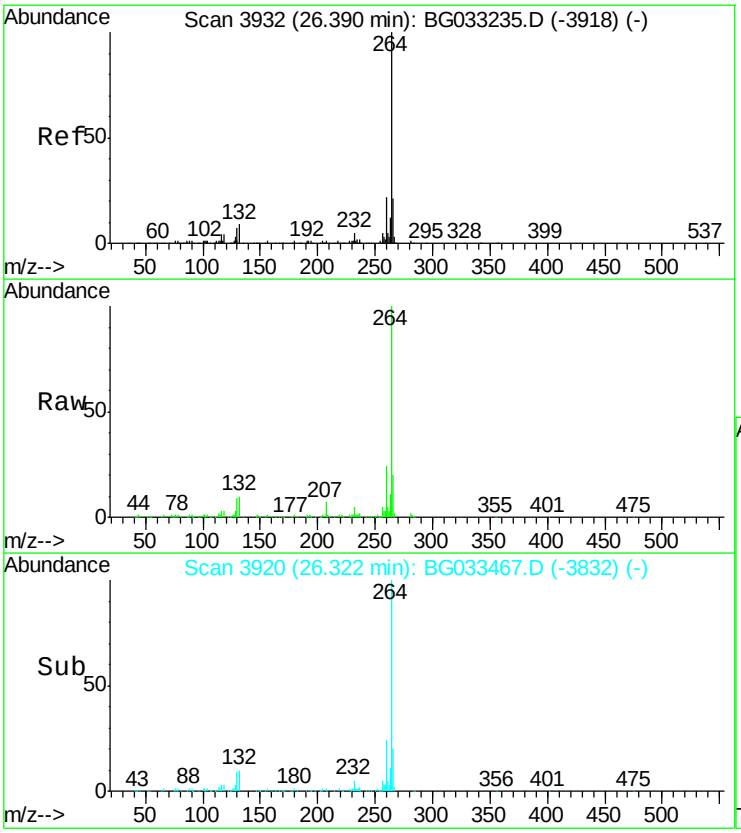
#78
Terphenyl-d14
Concen: 103.485 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1516986

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	6.9	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: BG033467.D
Acq: 31 Mar 2018 3:02

Tgt Ion:264 Resp: 333956

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.1	17.7	26.5