Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
Data File : BG033767.D
Acq On : 12 Apr 2018 5:42
Operator : SJ/JU
Sample : J2321-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 12 06:55:04 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	26692	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	118011	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	92752	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	264100	20.00	ng		0.00
75) Chrysene-d12	22.55	240	286539	20.00	ng		0.00
86) Perylene-d12	26.31	264	303229	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	58858	41.35	ng		0.00
7) Phenol-d6	7.97	99	53819	22.00	ng		0.00
23) Nitrobenzene-d5	10.06	82	237787	92.58	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	123208	88.82	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	569123	88.58	ng		0.00
78) Terphenyl-d14	20.73	244	1269263	94.73	ng		0.00
Target Compounds							Qvalue
10) Phenol	8.00	94	7373	3.053	ng		80
15) Benzyl Alcohol	9.19	79	4205	2.184	ng	#	66
19) n-Nitroso-di-n-propylamine	10.06	70	33128	18.484	ng	#	78
49) Dimethylphthalate	14.89	163	33371	4.134	ng	#	95
50) 2,6-Dinitrotoluene	15.47	165	11141	6.750	ng	#	20
53) 2,4-Dinitrophenol	15.33	184	94	7.742	ng	#	1
56) 2,4-Dinitrotoluene	15.47	165	11141	4.584	ng	#	18
66) 4-Bromophenyl-phenylether	16.95	248	9714	3.132	ng	#	1
76) Benzidine	20.73	184	21139	2.720	ng	#	88

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

Quantitation Report (Not Reviewed)

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Data File : BG033767.D
Acq On : 12 Apr 2018 5:42
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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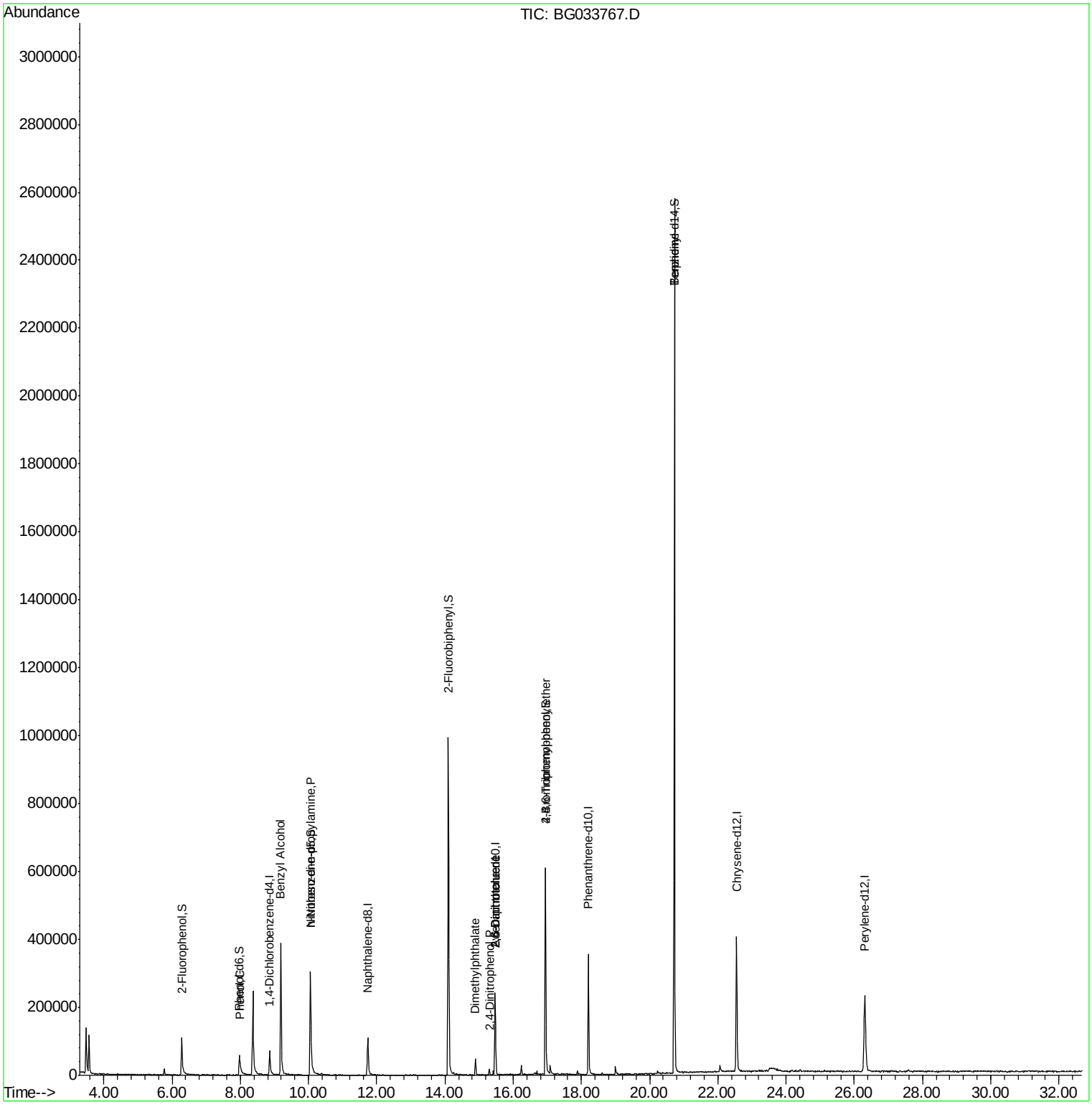
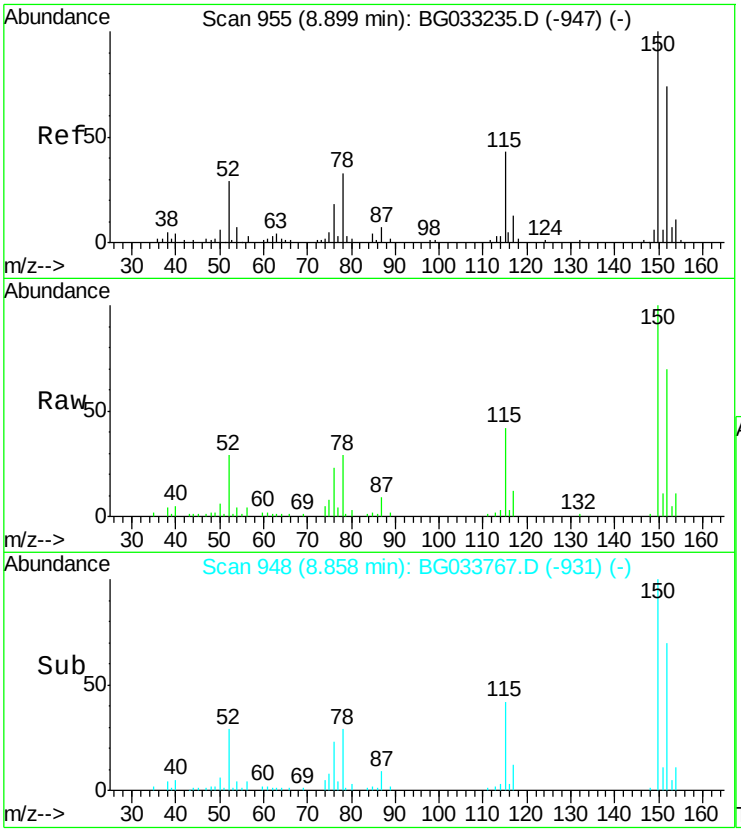


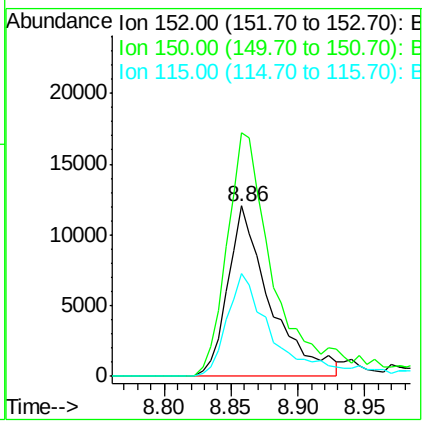


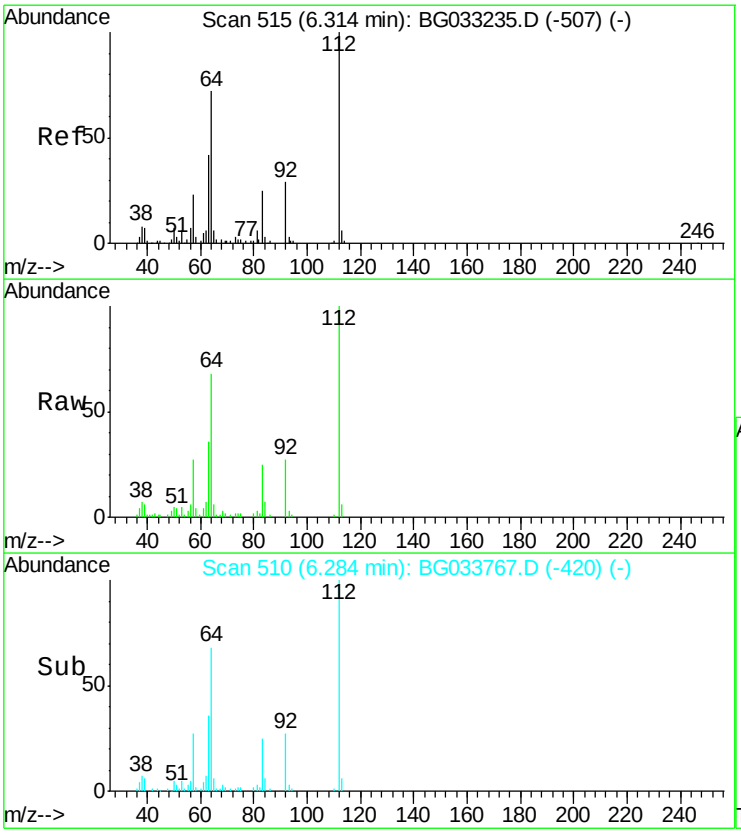
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 26692

Ion	Ratio	Lower	Upper
152	100		
150	142.8	126.6	189.8
115	60.5	53.0	79.4

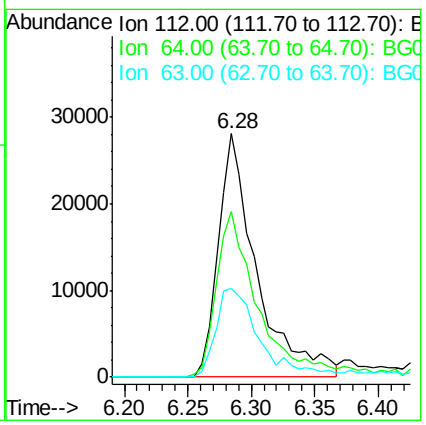


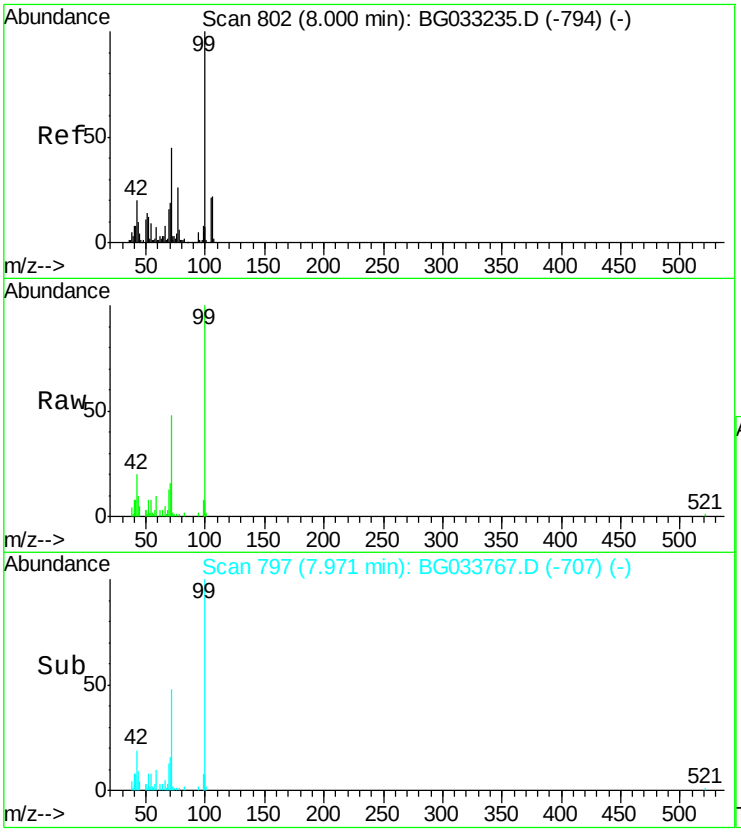


#5
2-Fluorophenol
Concen: 41.348 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Tgt Ion:112 Resp: 58858

Ion	Ratio	Lower	Upper
112	100		
64	67.8	56.3	84.5
63	36.5	30.1	45.1



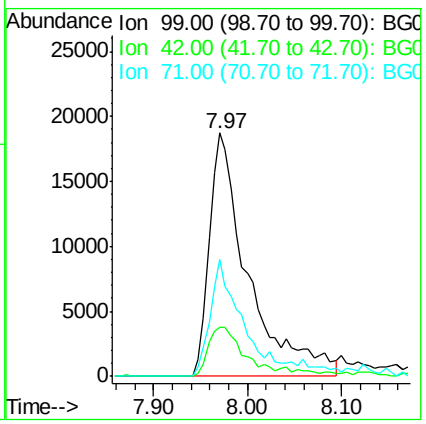


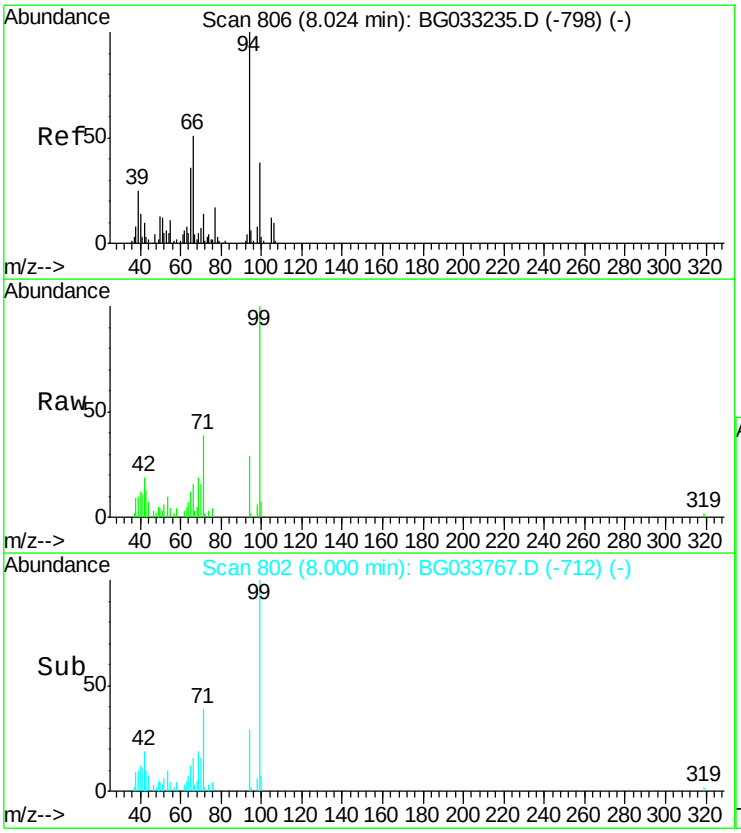
#7
Phenol-d6
Concen: 22.004 ng
RT: 7.97 min Scan# 797
Delta R.T. 0.00 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 53819

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.1	21.1
71	48.2	26.1	39.1#

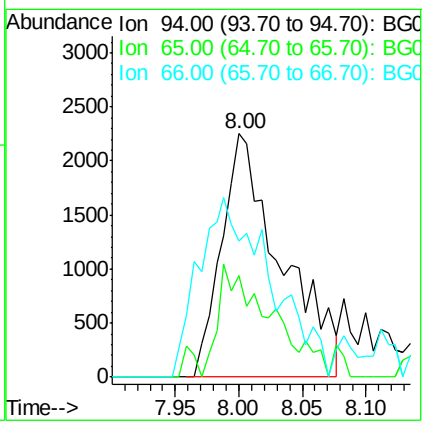


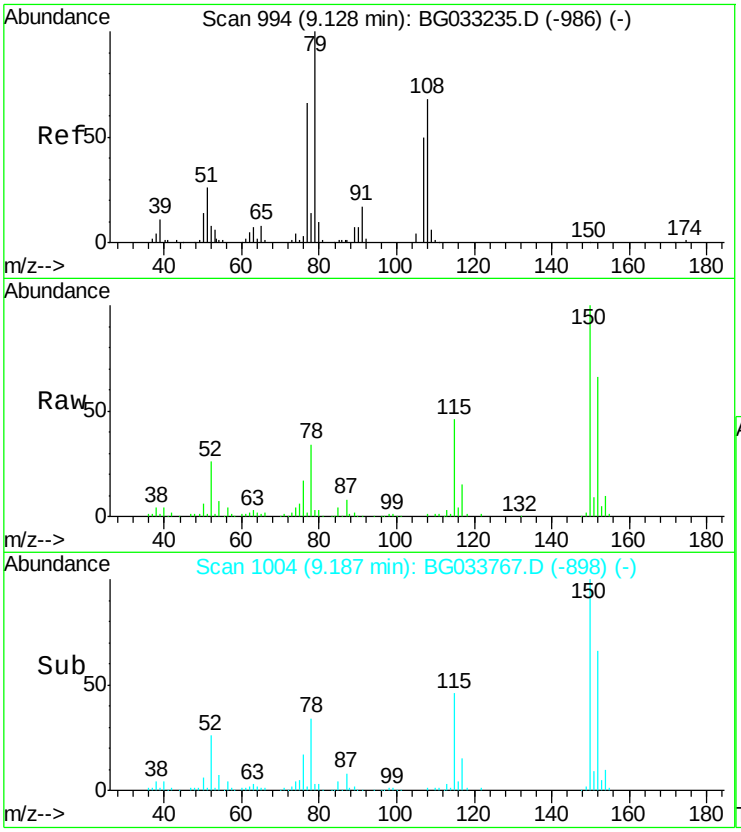


#10
Phenol
Concen: 3.053 ng
RT: 8.00 min Scan# 802
Delta R.T. 0.00 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Tgt Ion: 94 Resp: 7373

Ion	Ratio	Lower	Upper
94	100		
65	41.8	11.9	51.9
66	55.9	22.2	62.2



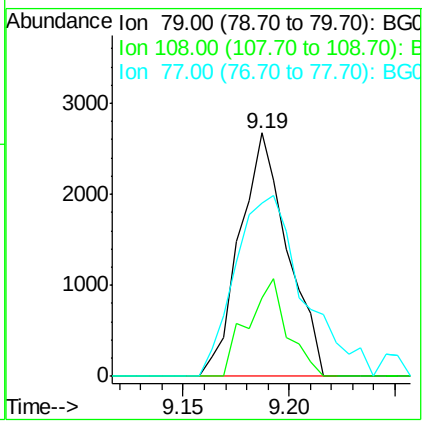


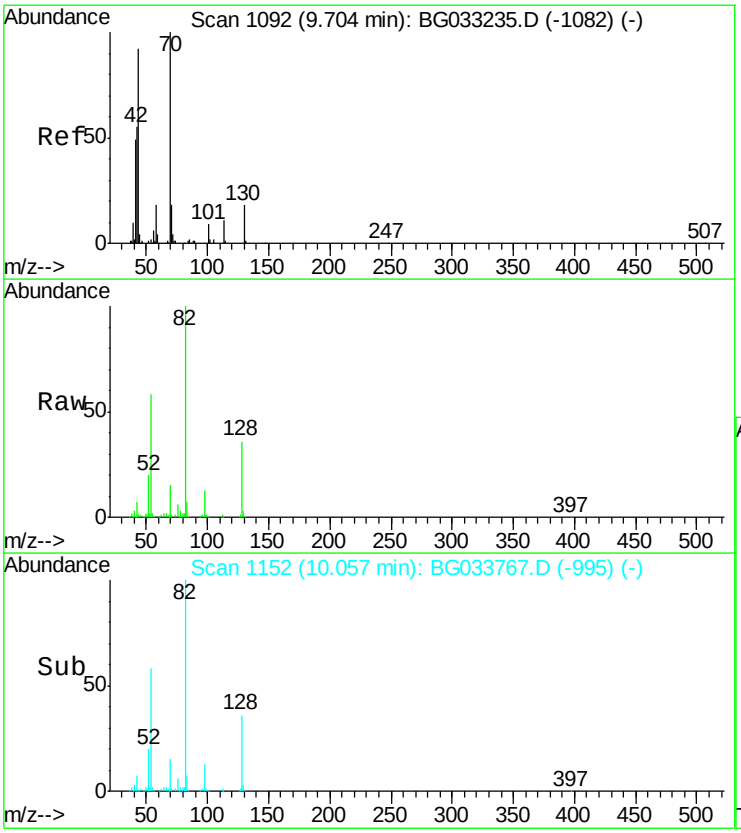
#15
Benzyl Alcohol
Concen: 2.184 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.09 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 4205

Ion	Ratio	Lower	Upper
79	100		
108	32.5	57.2	85.8#
77	71.0	46.1	69.1#

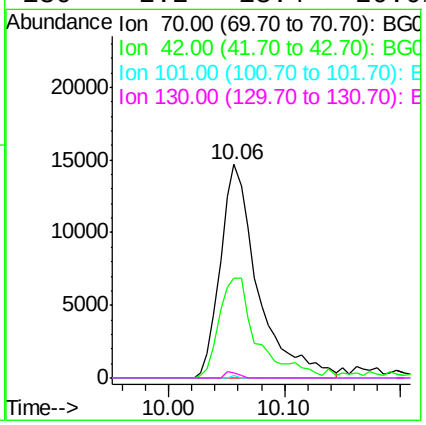


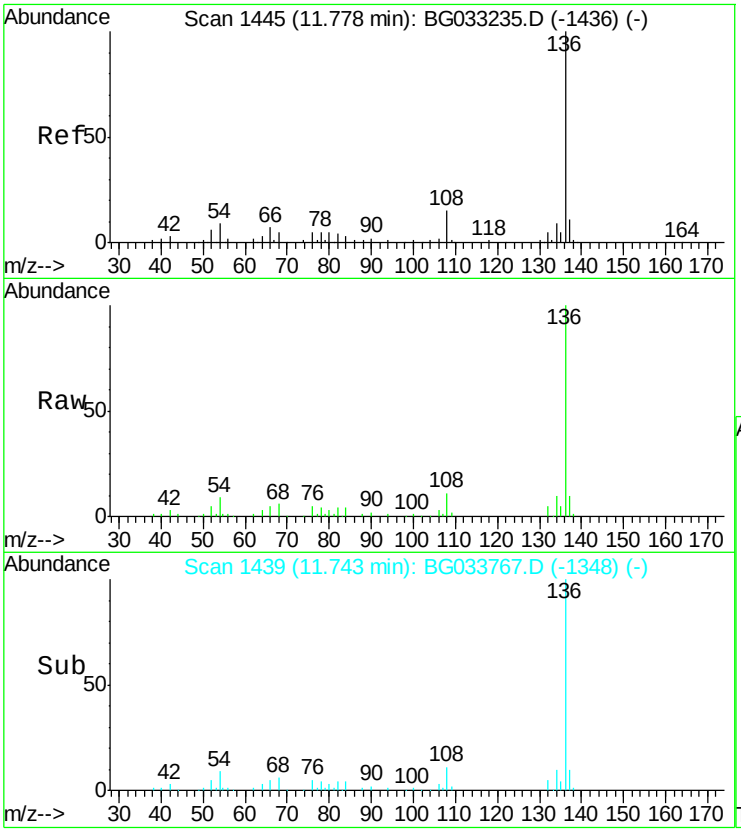


#19
n-Nitroso-di-n-propylamine
Concen: 18.484 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Tgt Ion: 70 Resp: 33128

Ion	Ratio	Lower	Upper
70	100		
42	47.1	49.1	73.7#
101	1.2	8.5	12.7#
130	2.2	13.4	20.0#



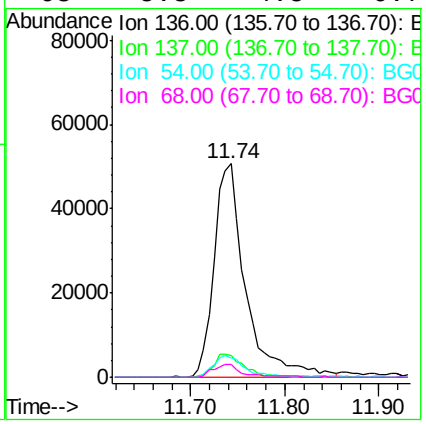


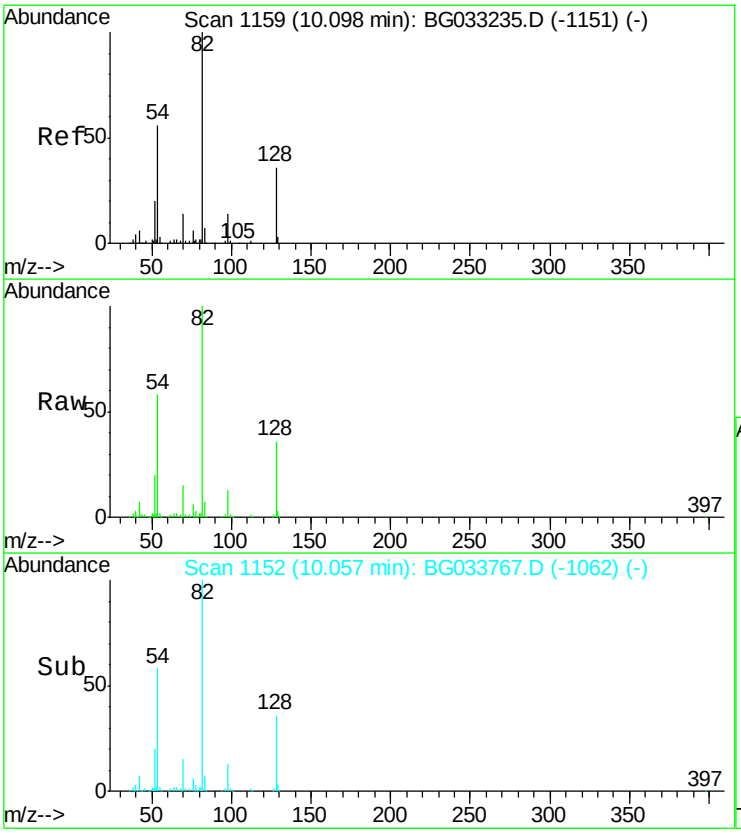
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 118011

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	9.9	10.3	15.5#
68	5.8	4.5	6.7

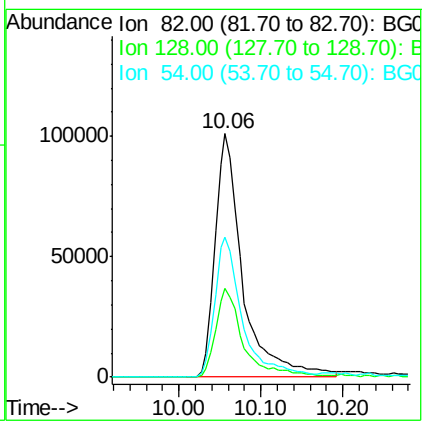


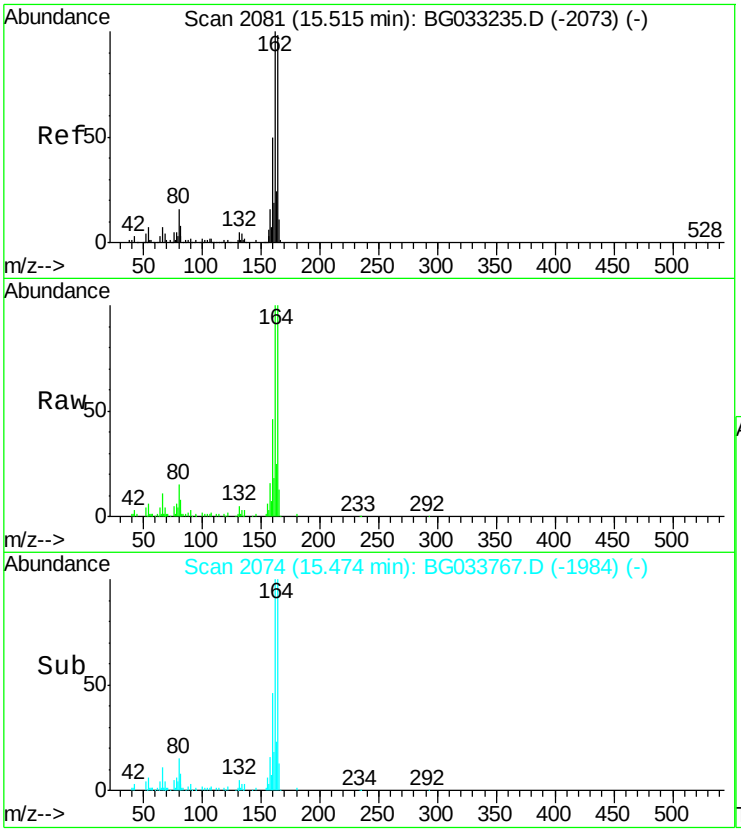


#23
Nitrobenzene-d5
Concen: 92.575 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Tgt Ion: 82 Resp: 237787

Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	57.5	43.1	64.7



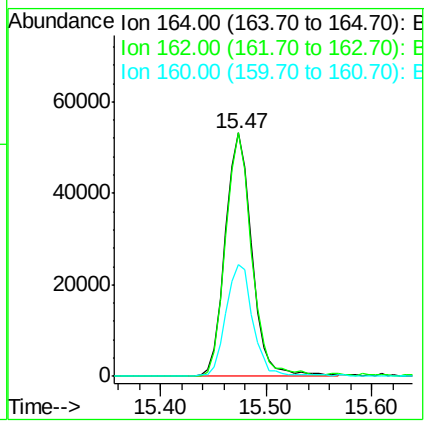


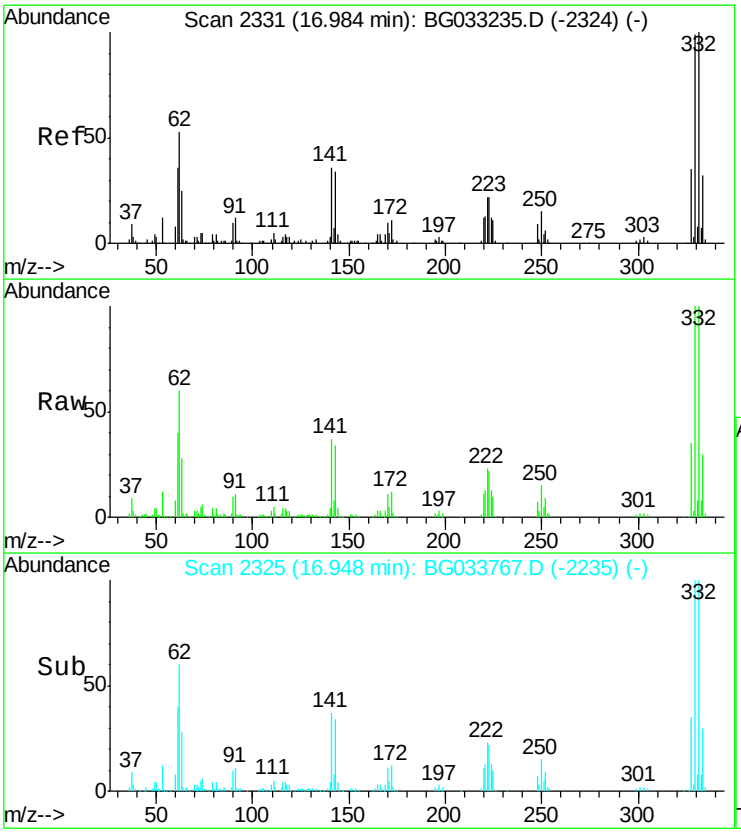
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 92752

Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.8	118.2
160	45.7	35.4	53.0

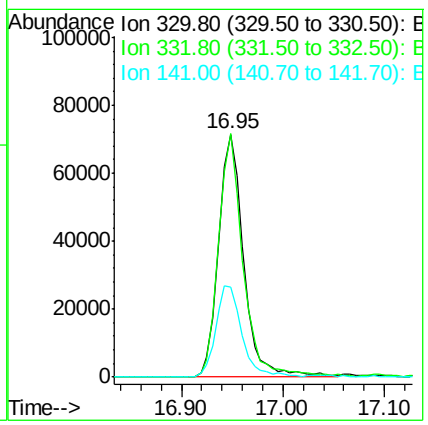


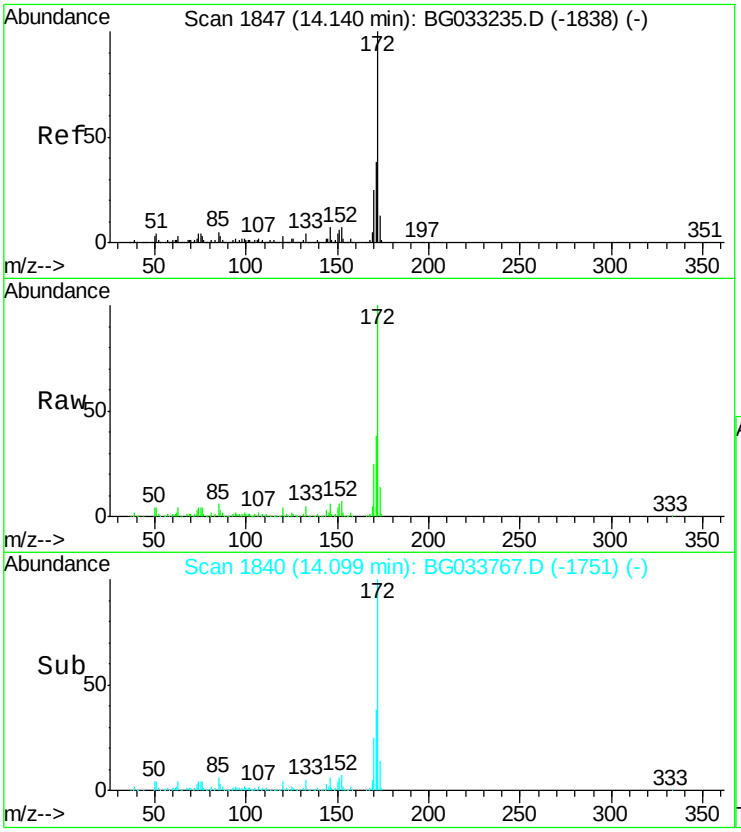


#41
2,4,6-Tribromophenol
Concen: 88.817 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Tgt Ion:330 Resp: 123208

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	38.9	25.2	37.8#



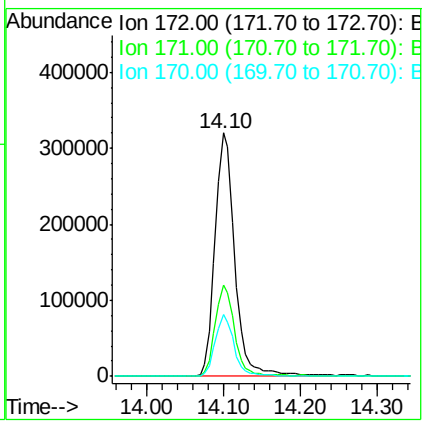


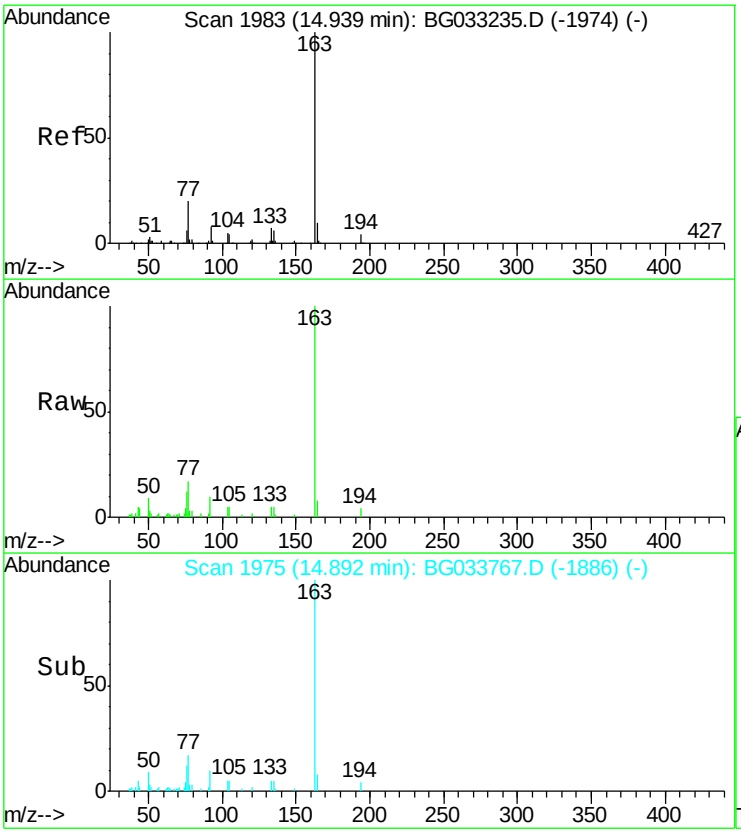
#44
2-Fluorobiphenyl
Concen: 88.581 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 569123

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.3	19.5	29.3

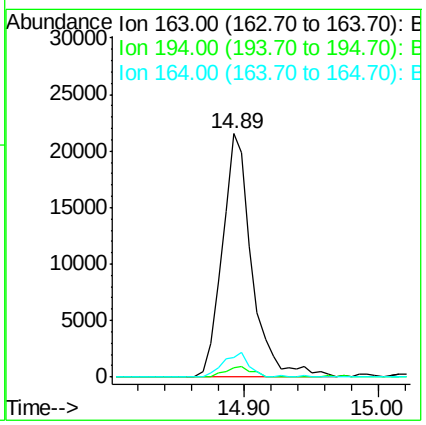


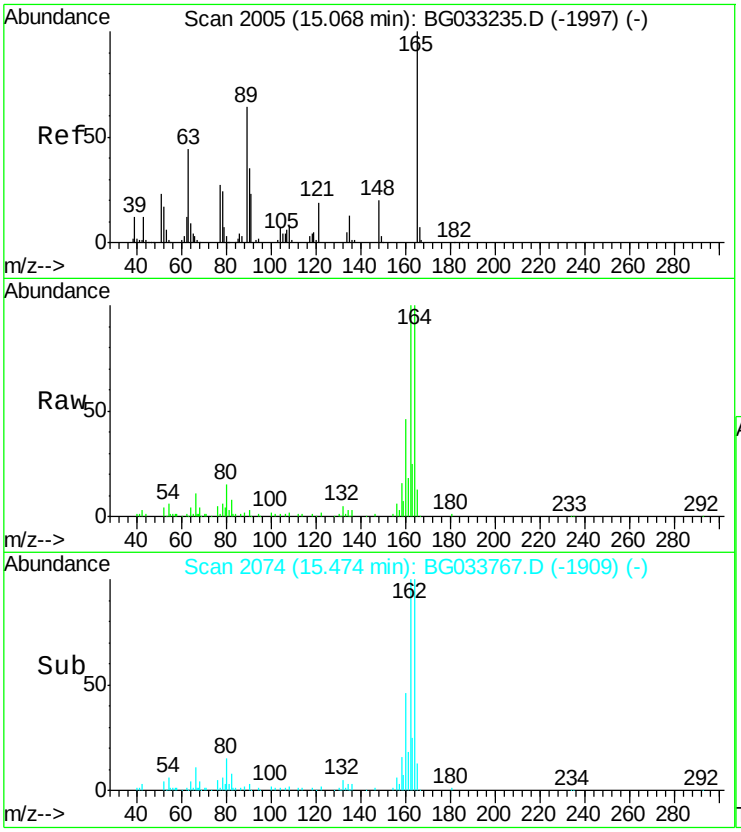


#49
Dimethylphthalate
Concen: 4.134 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Tgt Ion:163 Resp: 33371

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	7.8	8.2	12.4#



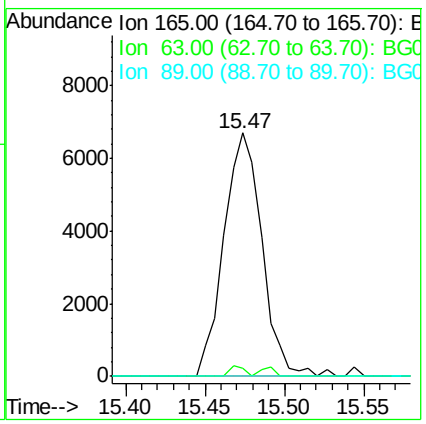


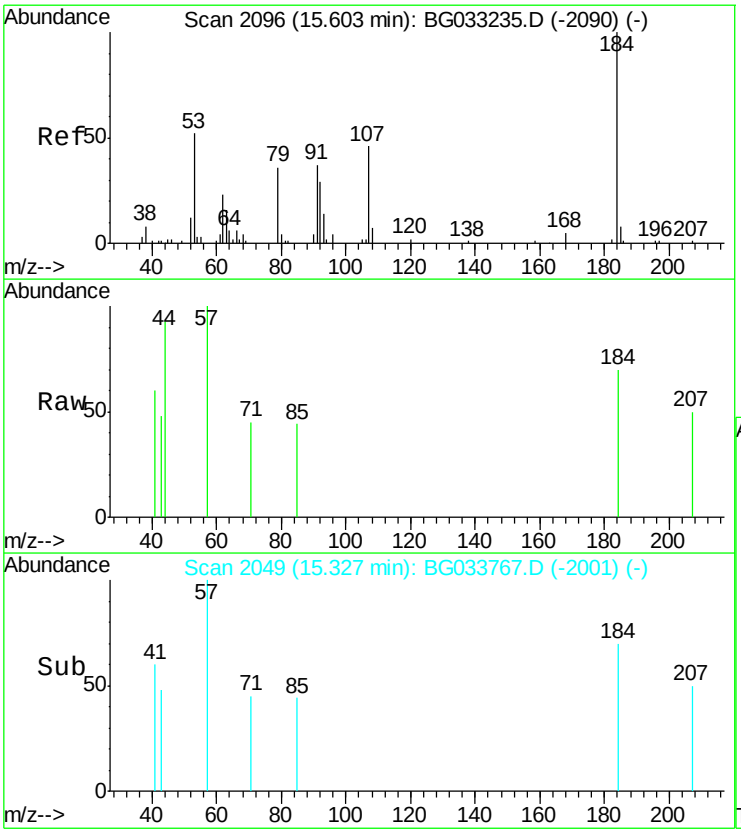
#50
2,6-Dinitrotoluene
Concen: 6.750 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11141

Ion	Ratio	Lower	Upper
165	100		
63	3.3	52.7	79.1#
89	0.0	49.2	73.8#

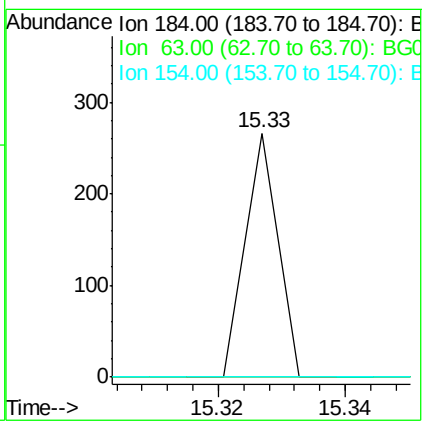


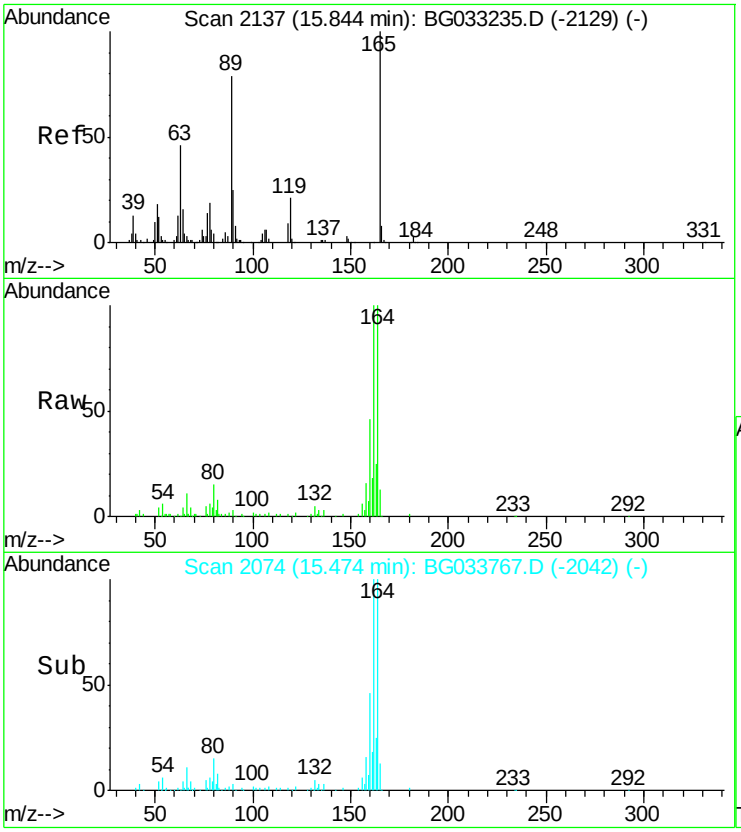


#53
2,4-Dinitrophenol
Concen: 7.742 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.25 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Tgt Ion:184 Resp: 94

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



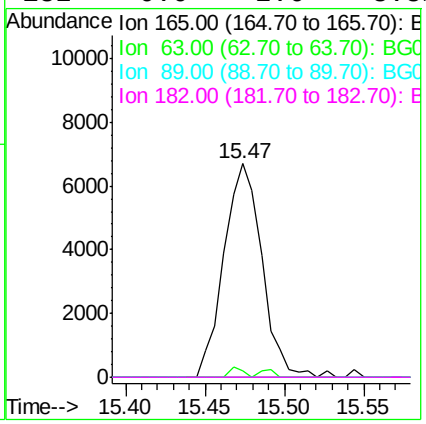


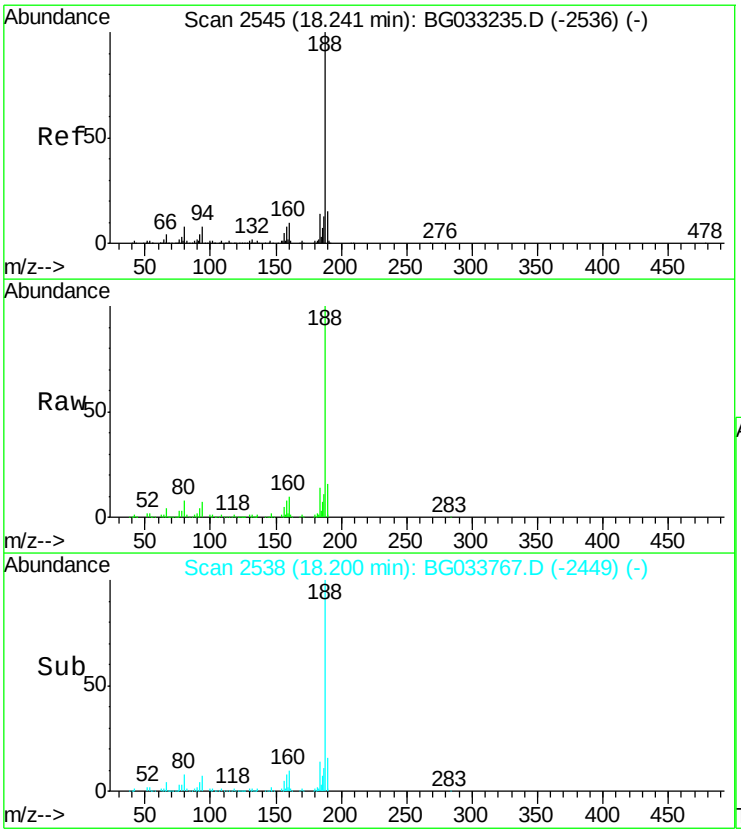
#56
2,4-Dinitrotoluene
Concen: 4.584 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11141

Ion	Ratio	Lower	Upper
165	100		
63	3.3	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

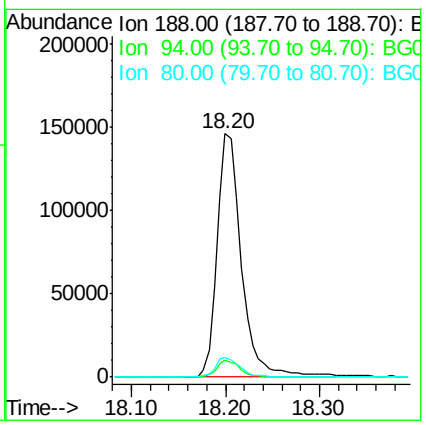


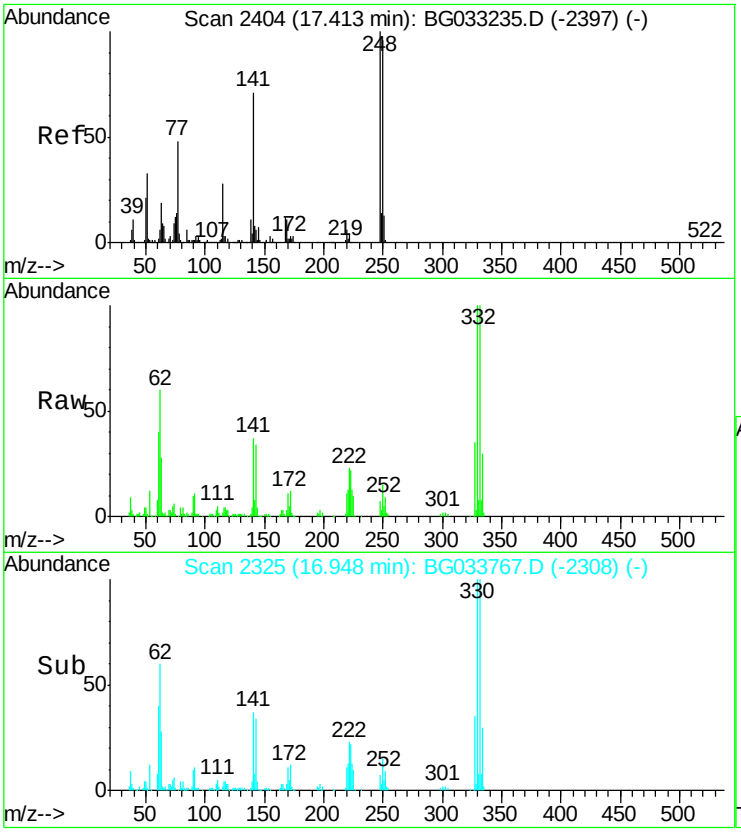


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Tgt Ion:188 Resp: 264100

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	8.1	7.7	11.5



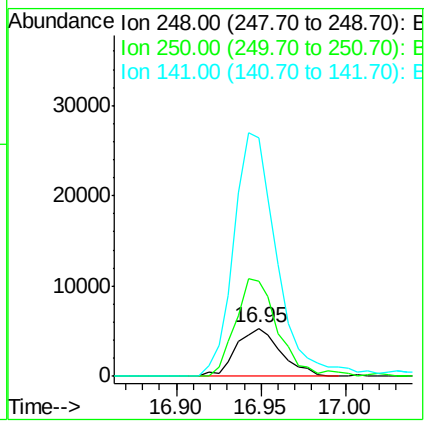


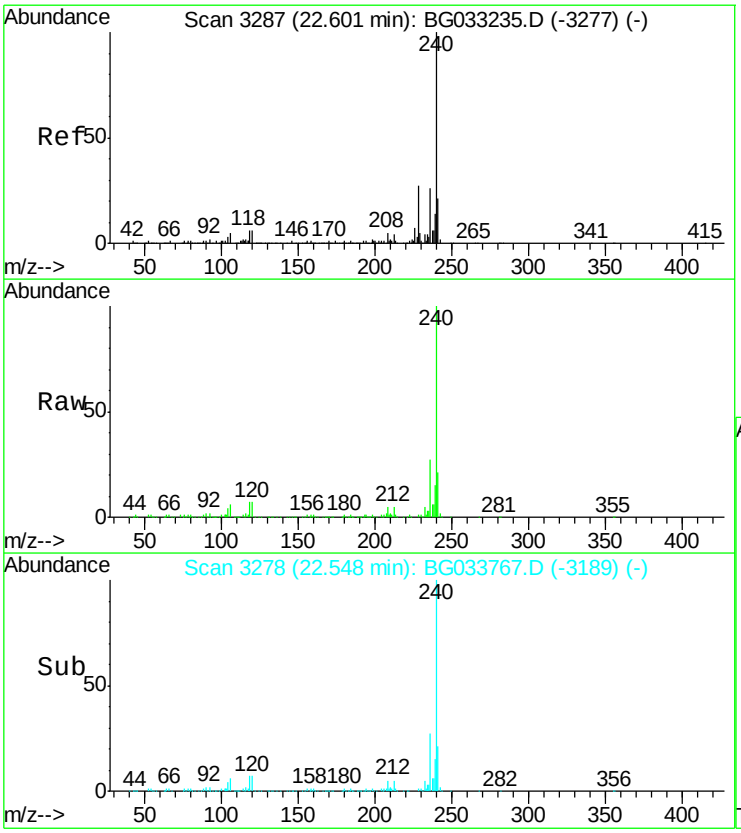
#66
4-Bromophenyl-phenylether
Concen: 3.132 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 9714

Ion	Ratio	Lower	Upper
248	100		
250	197.8	77.1	115.7#
141	496.4	50.8	76.2#

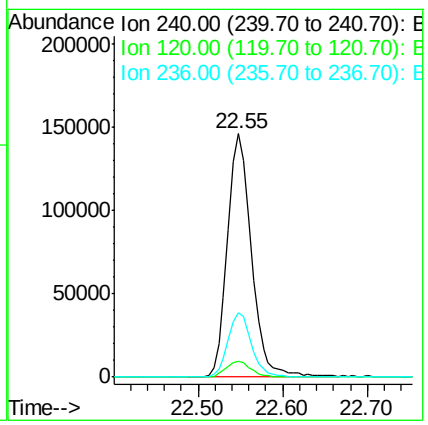


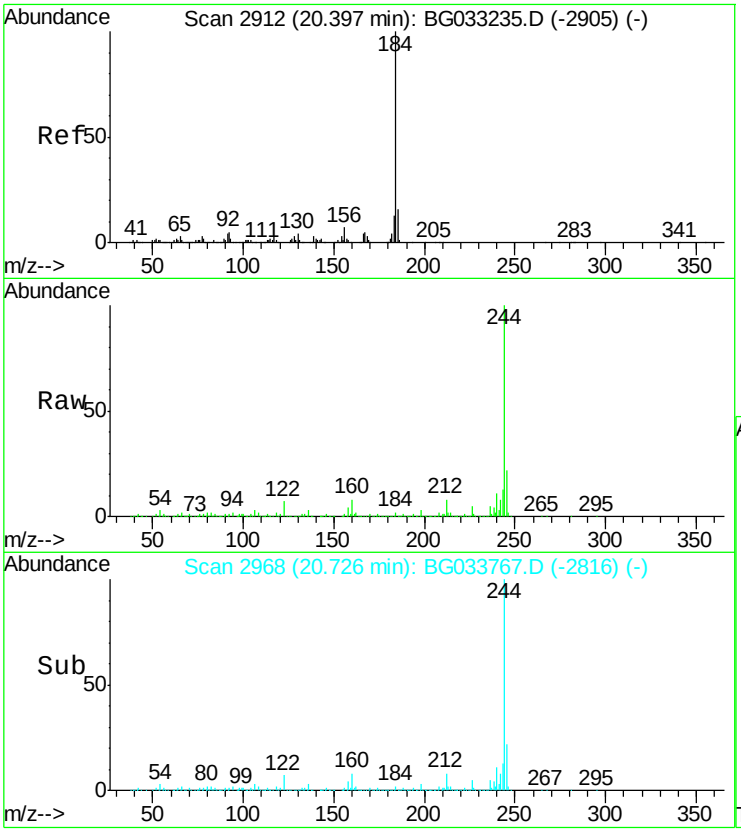


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Tgt Ion:240 Resp: 286539

Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.8	10.2#
236	26.6	20.9	31.3



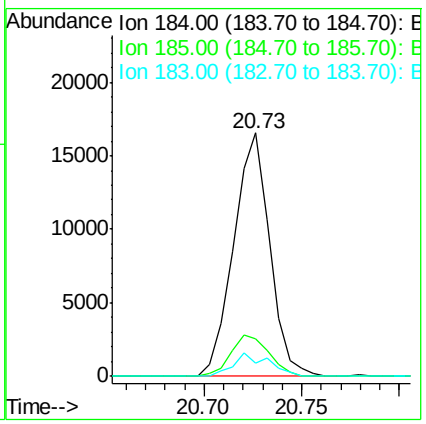


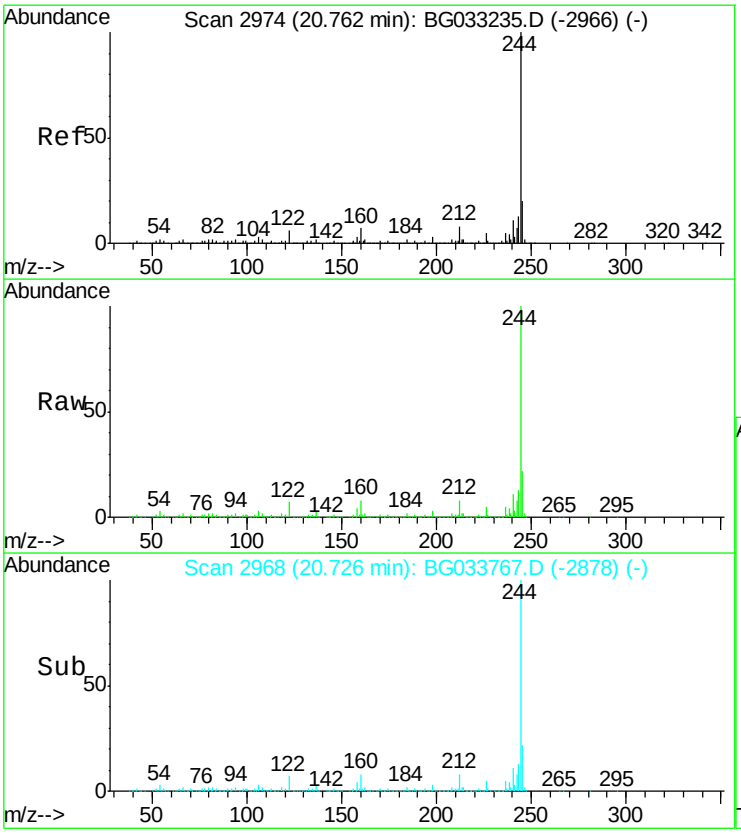
#76
Benzidine
Concen: 2.720 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 21139

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	5.3	10.6	16.0#

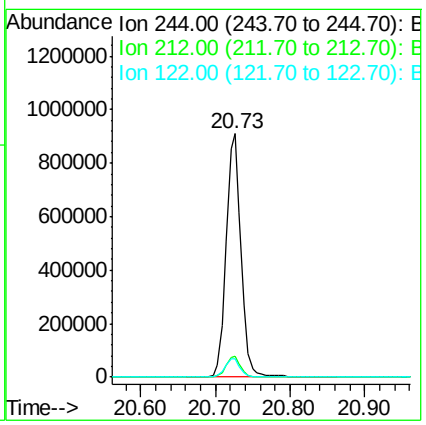


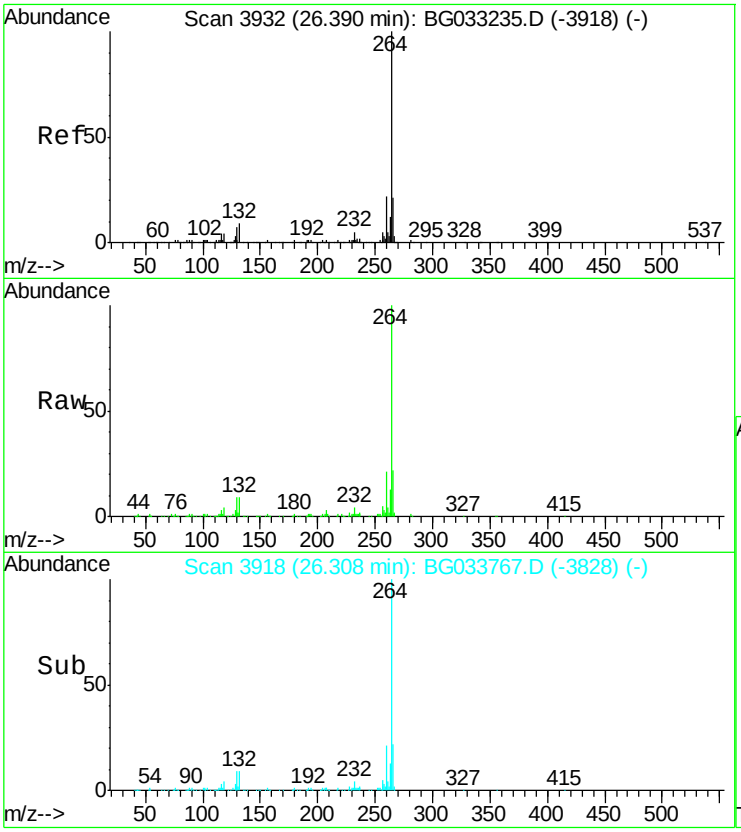


#78
Terphenyl-d14
Concen: 94.732 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Tgt Ion:244 Resp: 1269263

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033767.D
Acq: 12 Apr 2018 5:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 303229

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.4	26.0
265	21.5	17.7	26.5