Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033107.D
Acq On : 13 Mar 2018 2:52
Operator : SJ/JU
Sample : J1867-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 03:49:44 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	39736	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	176311	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	103039	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	244399	20.00	ng		0.00
75) Chrysene-d12	22.60	240	231675	20.00	ng		0.00
86) Perylene-d12	26.40	264	240015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	155894	62.77	ng		0.00
7) Phenol-d6	8.00	99	130122	37.59	ng		0.00
23) Nitrobenzene-d5	10.11	82	302935	115.24	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	194292	179.33	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	668498	93.57	ng		0.00
78) Terphenyl-d14	20.77	244	1026007	99.50	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	40375	16.520	ng	#	84
24) Nitrobenzene	10.11	77	804	6.628	ng	#	34
35) Caprolactam	12.66	113	50641	51.835	ng		88
47) 2-Nitroaniline	14.94	65	270	9.962	ng	#	1
49) Dimethylphthalate	14.94	163	33548	3.835	ng		96
50) 2,6-Dinitrotoluene	15.52	165	13747	16.631	ng	#	22
56) 2,4-Dinitrotoluene	15.52	165	13747	14.831	ng	#	20
64) 4,6-Dinitro-2-methylphenol	16.99	198	419	5.677	ng	#	1
66) 4-Bromophenyl-phenylether	16.99	248	13413	5.190	ng	#	1
76) Benzidine	20.77	184	17253	2.185	ng	#	90

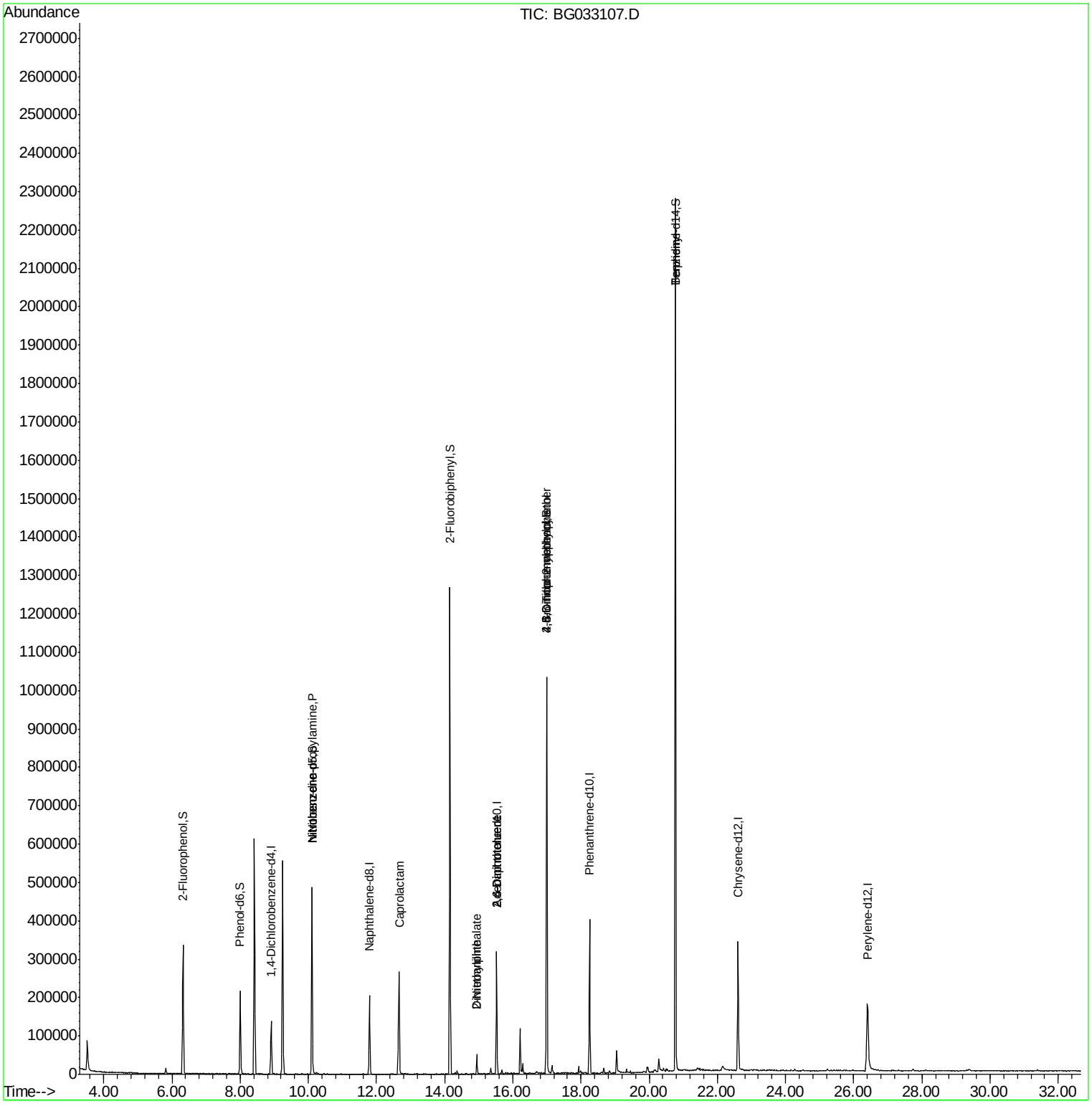
(#) = qualifier out of range (m) = manual integration (+) = signals summed

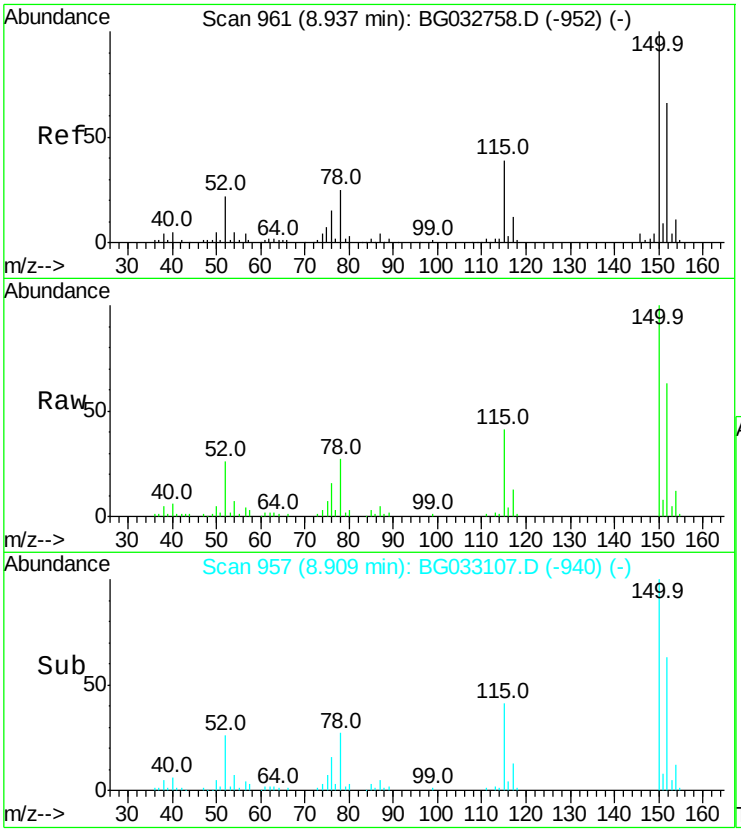
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033107.D
Acq On : 13 Mar 2018 2:52
Operator : SJ/JU
Sample : J1867-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 03:49:44 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



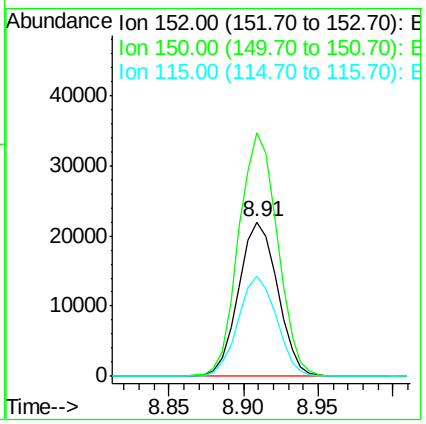


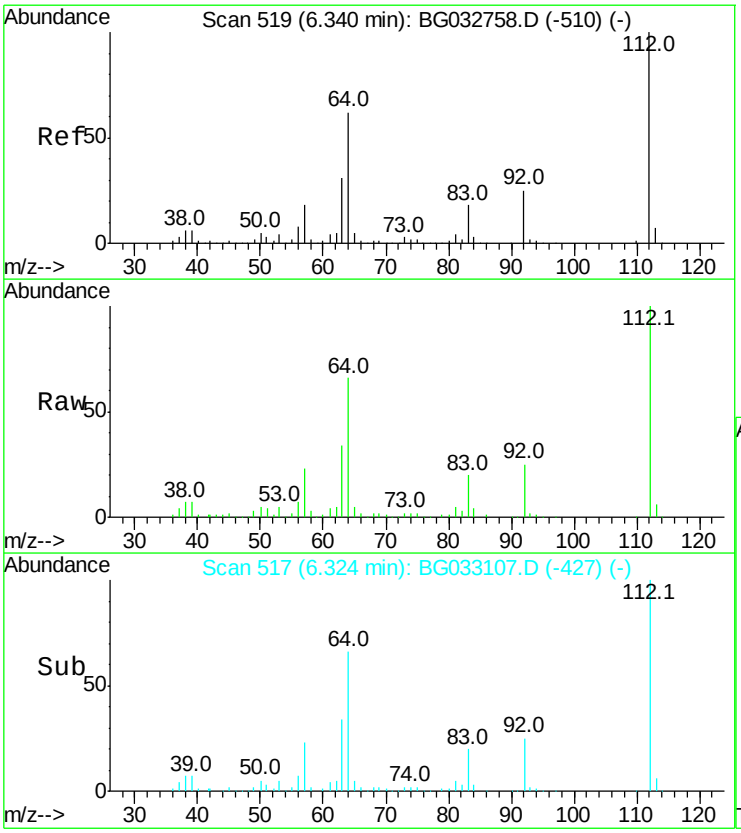
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 39736

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	64.9	53.0	79.4

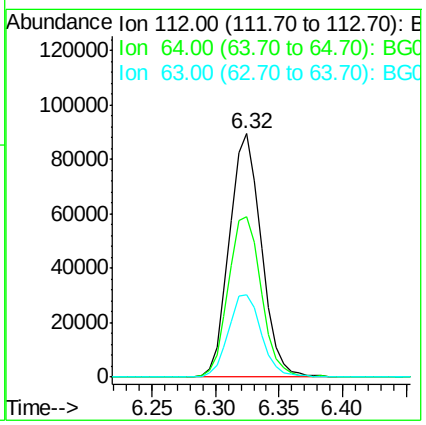


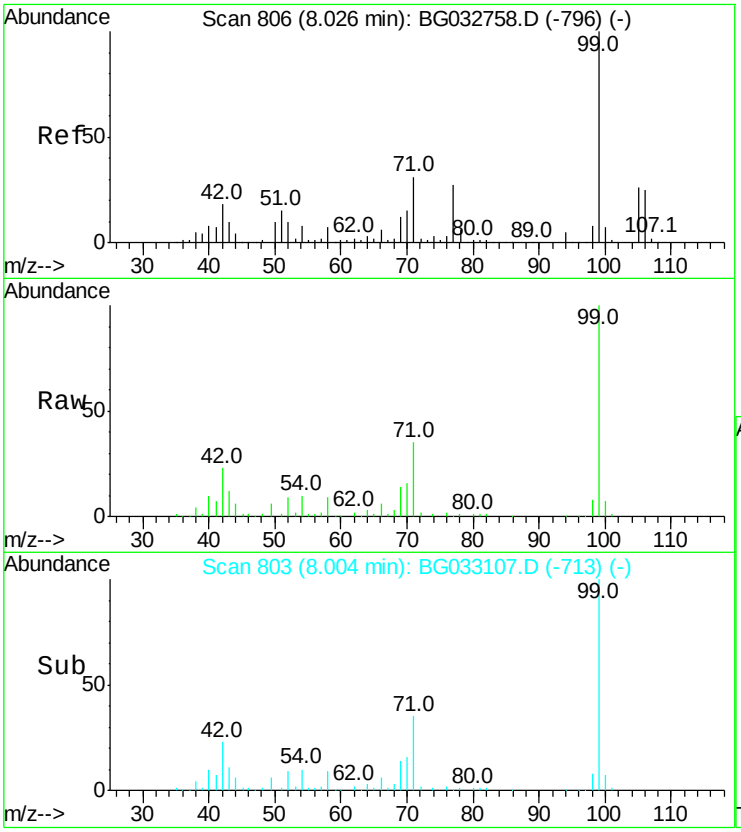


#5
2-Fluorophenol
Concen: 62.766 ng
RT: 6.32 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Tgt Ion:112 Resp: 155894

Ion	Ratio	Lower	Upper
112	100		
64	66.1	56.3	84.5
63	33.9	30.1	45.1



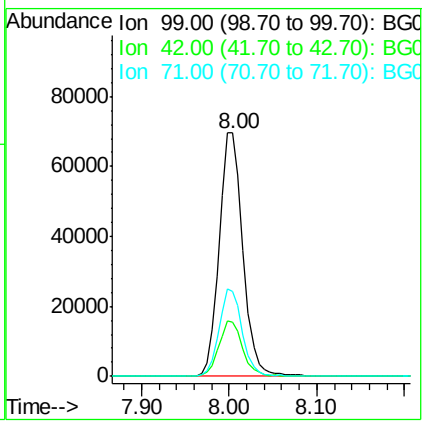


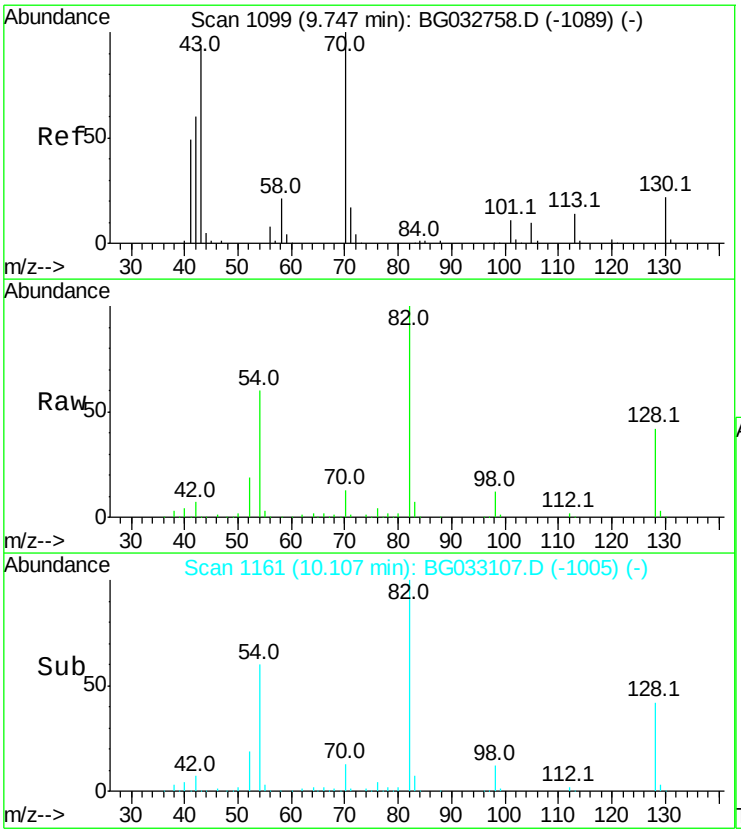
#7
Phenol-d6
Concen: 37.586 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 130122

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.1	21.1#
71	34.8	26.1	39.1

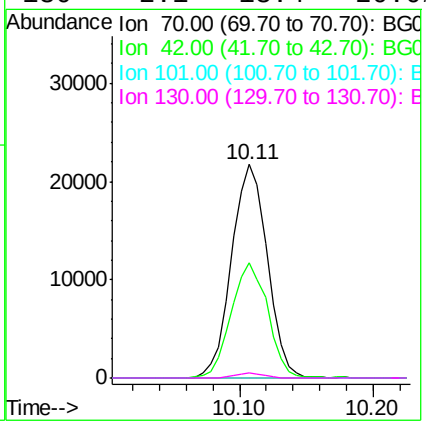


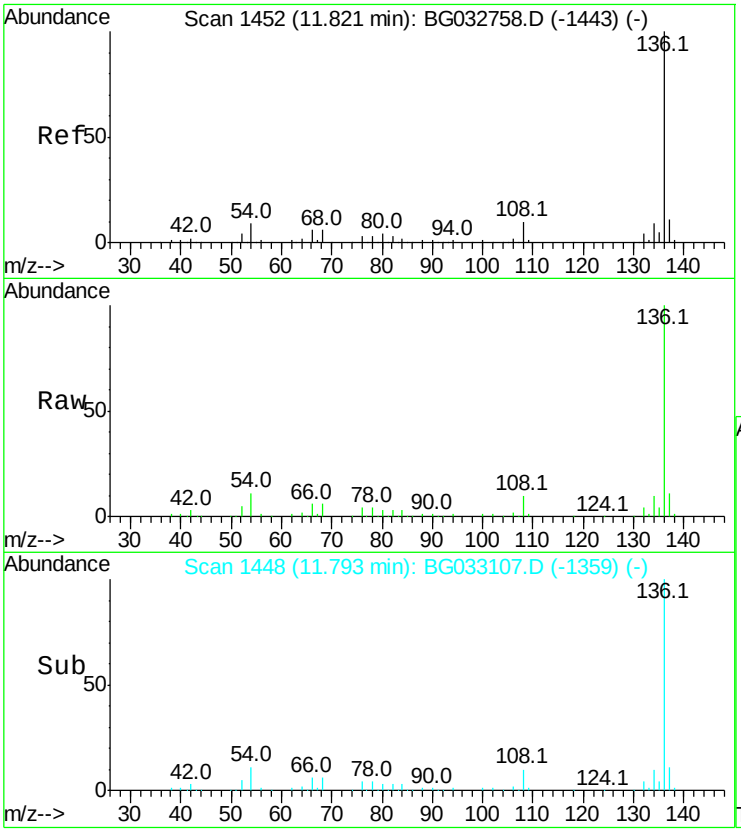


#19
n-Nitroso-di-n-propylamine
Concen: 16.520 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.39 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Tgt Ion: 70 Resp: 40375

Ion	Ratio	Lower	Upper
70	100		
42	54.0	49.1	73.7
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



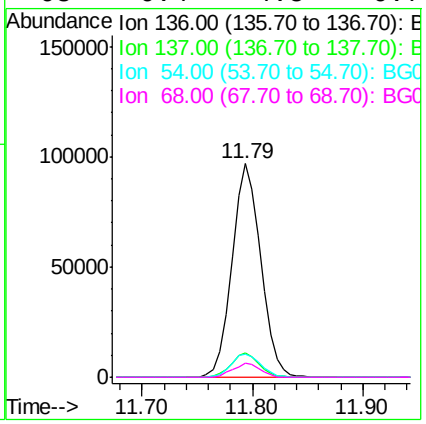


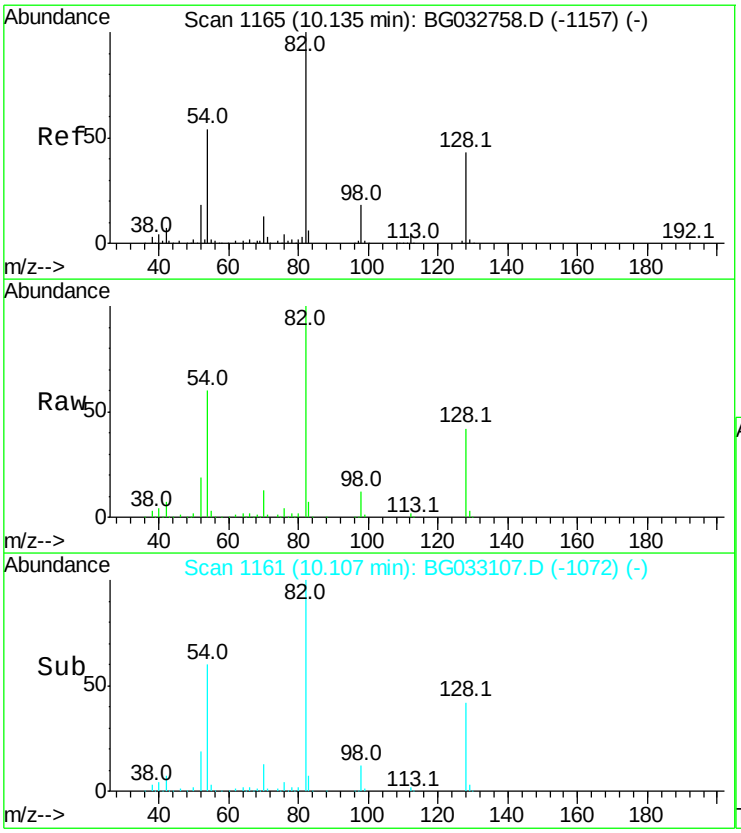
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 176311

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	10.8	10.3	15.5
68	6.4	4.5	6.7

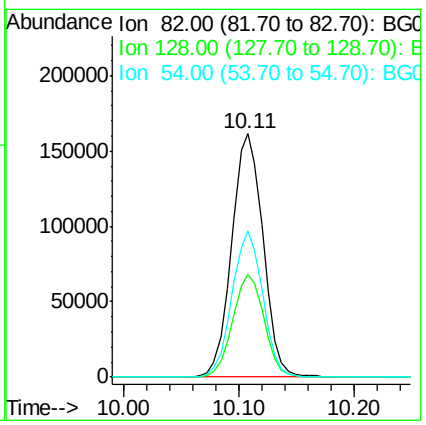


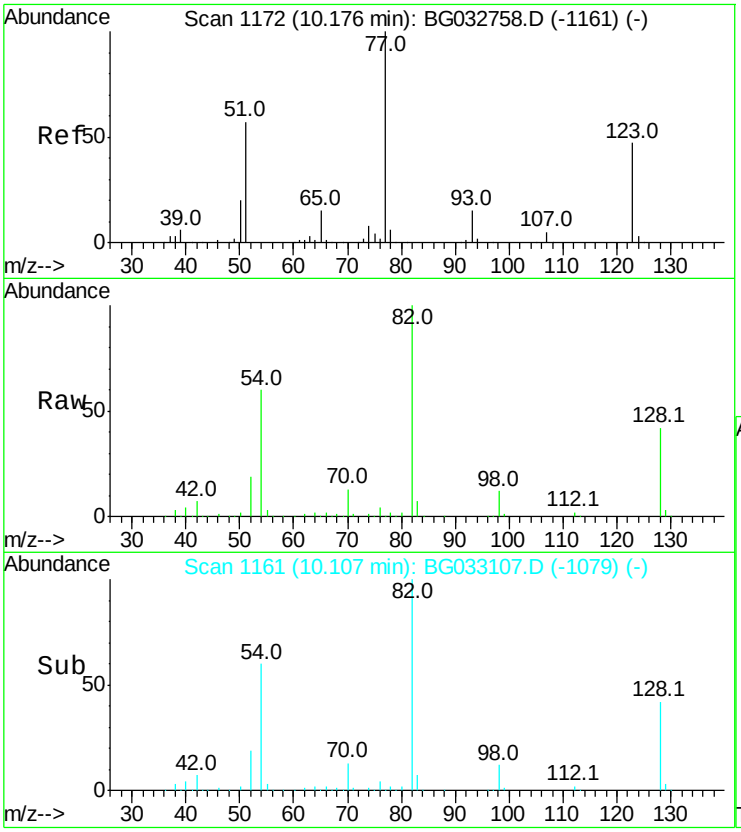


#23
Nitrobenzene-d5
Concen: 115.241 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Tgt Ion: 82 Resp: 302935

Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	60.3	43.1	64.7



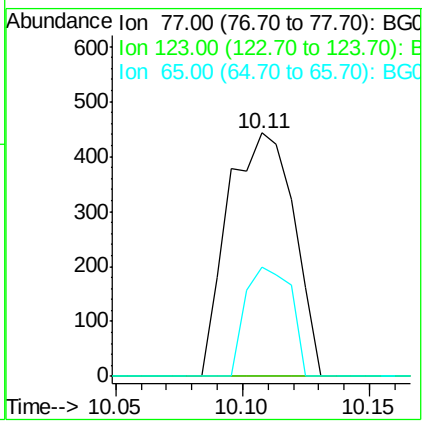


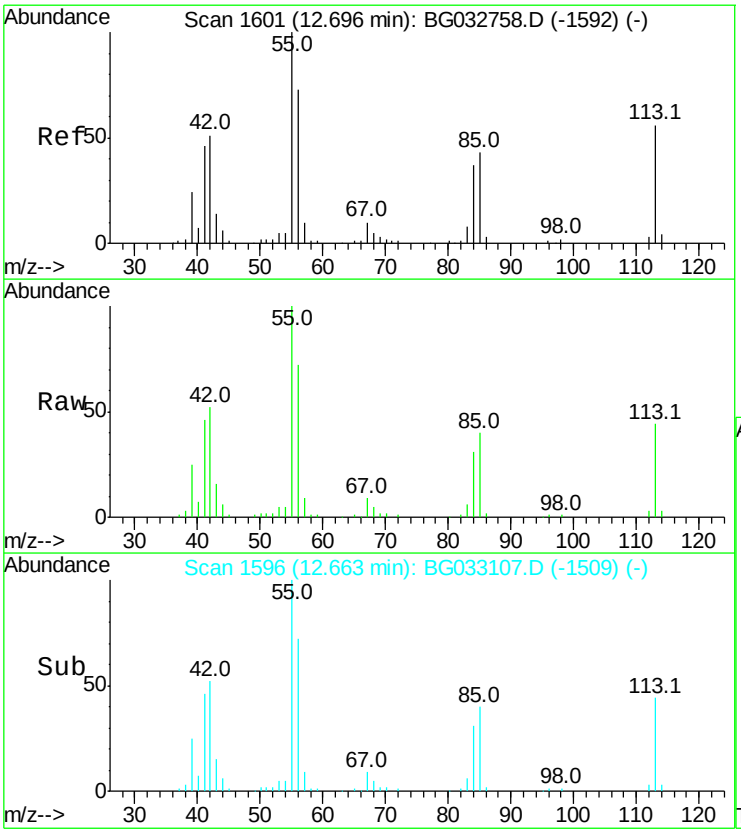
#24
Nitrobenzene
Concen: 6.628 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 804

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	44.9	13.0	19.6#

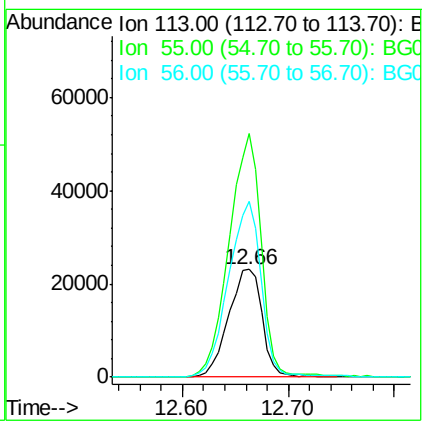


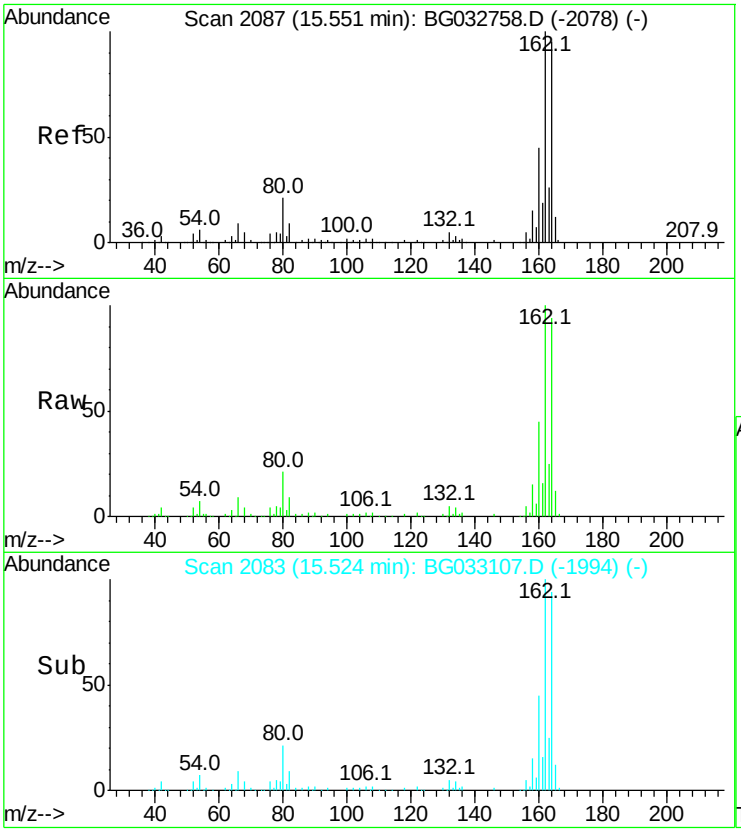


#35
Caprolactam
Concen: 51.835 ng
RT: 12.66 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Tgt Ion:113 Resp: 50641

Ion	Ratio	Lower	Upper
113	100		
55	226.7	186.9	226.9
56	164.1	130.9	170.9



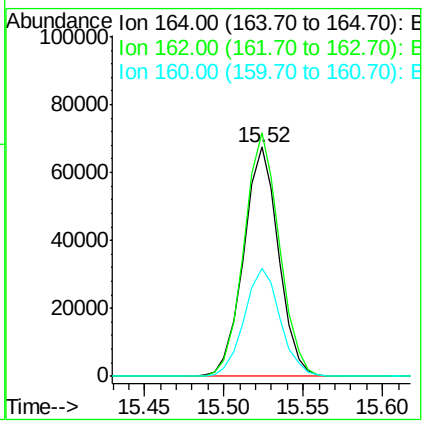


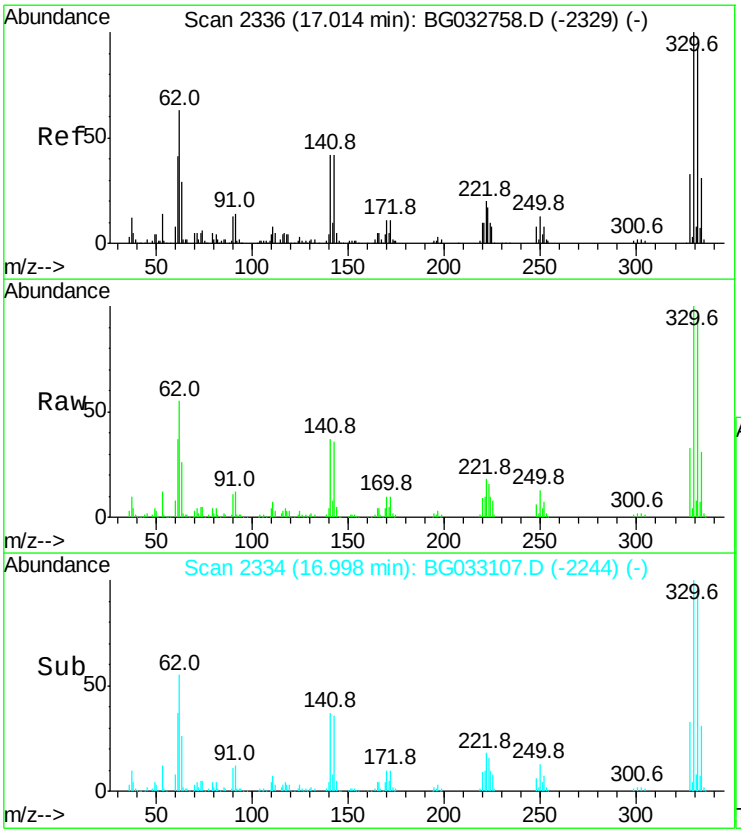
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 103039

Ion	Ratio	Lower	Upper
164	100		
162	106.1	78.8	118.2
160	47.3	35.4	53.0

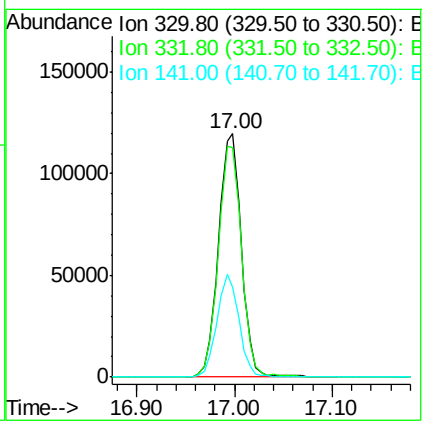


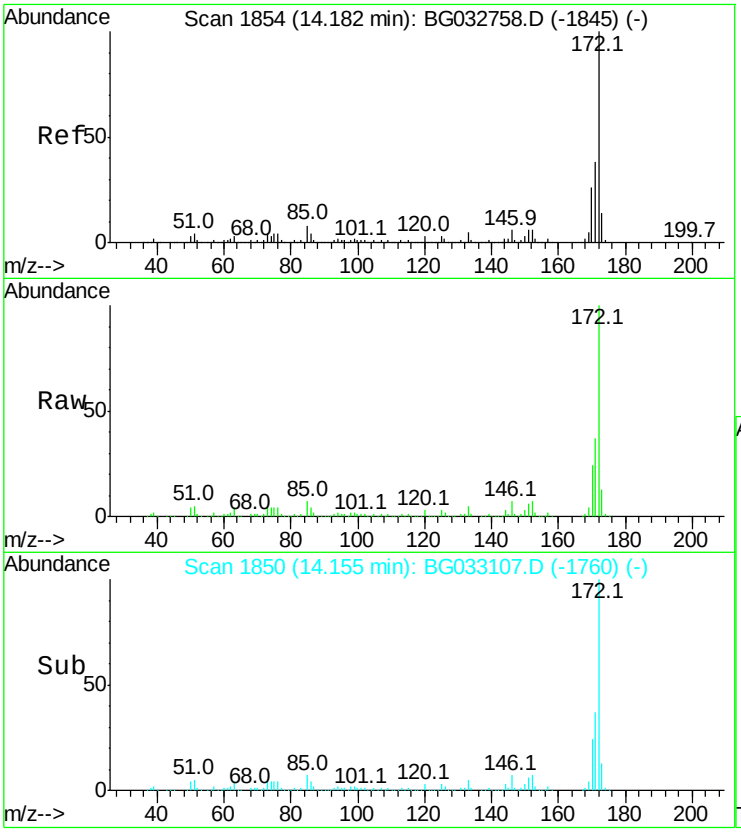


#41
2,4,6-Tribromophenol
Concen: 179.332 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Tgt Ion:330 Resp: 194292

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	40.8	25.2	37.8#



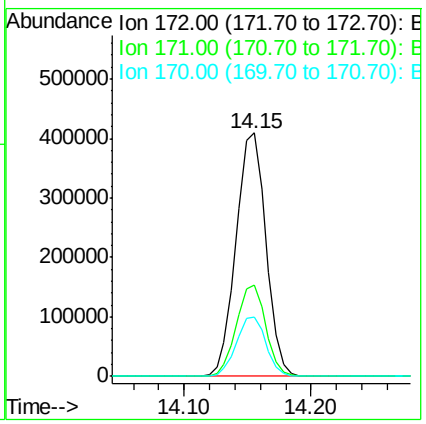


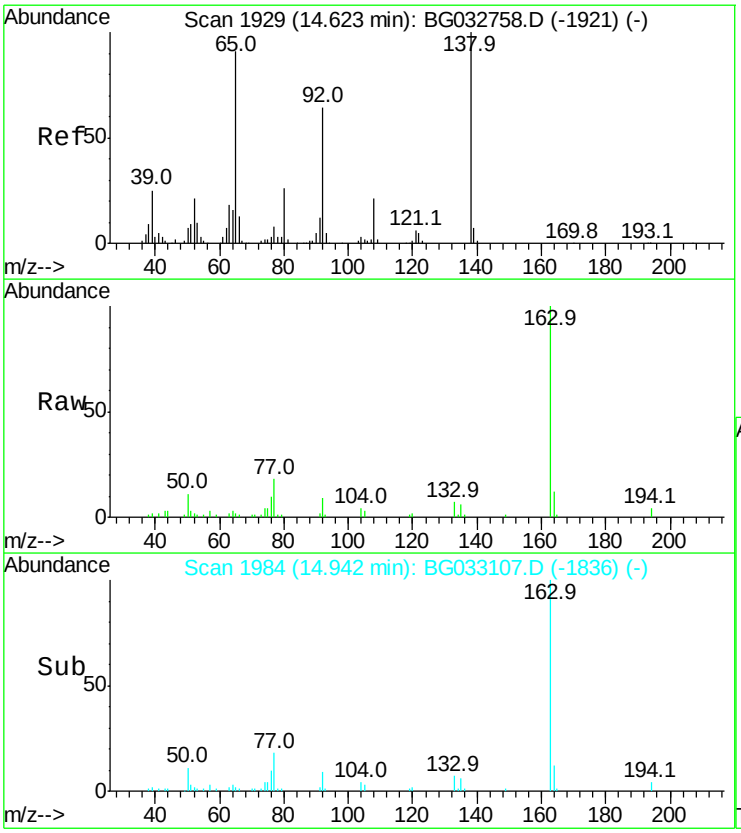
#44
2-Fluorobiphenyl
Concen: 93.571 ng
RT: 14.15 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 668498

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.4	19.5	29.3

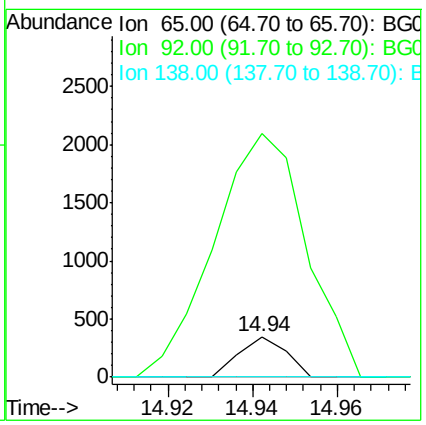


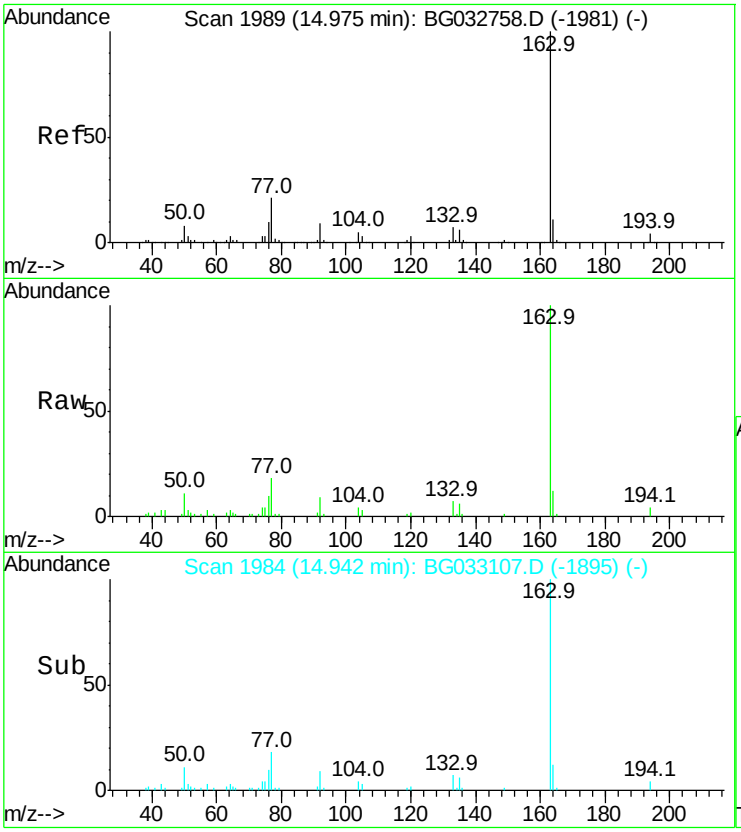


#47
2-Nitroaniline
Concen: 9.962 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.34 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Tgt Ion: 65 Resp: 270

Ion	Ratio	Lower	Upper
65	100		
92	598.6	54.6	82.0#
138	0.0	72.9	109.3#



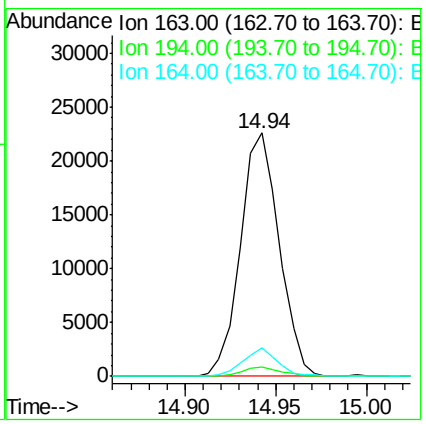


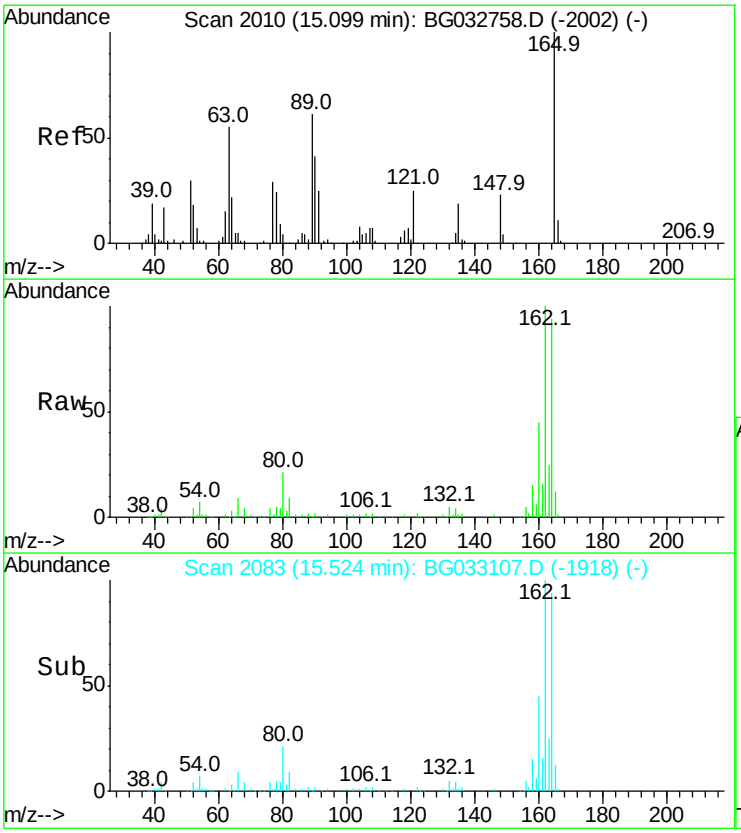
#49
Dimethylphthalate
Concen: 3.835 ng
RT: 14.94 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 33548

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	11.9	8.2	12.4

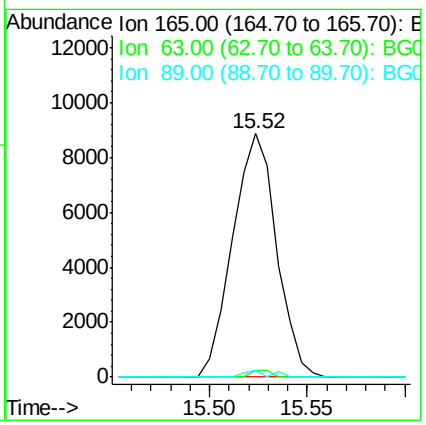


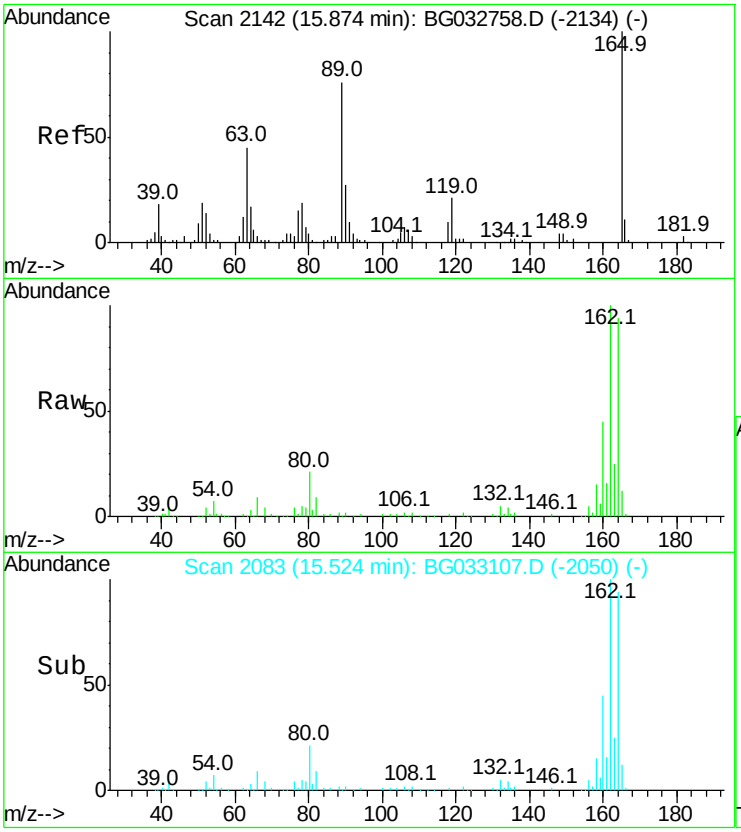


#50
2,6-Dinitrotoluene
Concen: 16.631 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Tgt Ion:165 Resp: 13747

Ion	Ratio	Lower	Upper
165	100		
63	2.7	52.7	79.1#
89	3.0	49.2	73.8#



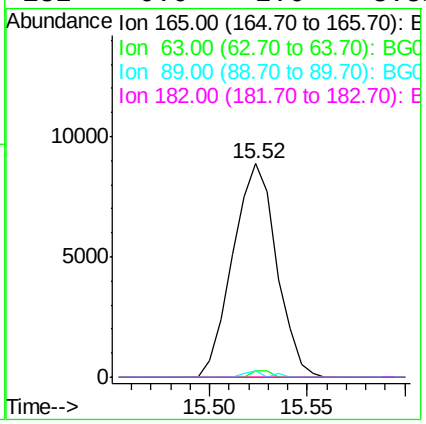


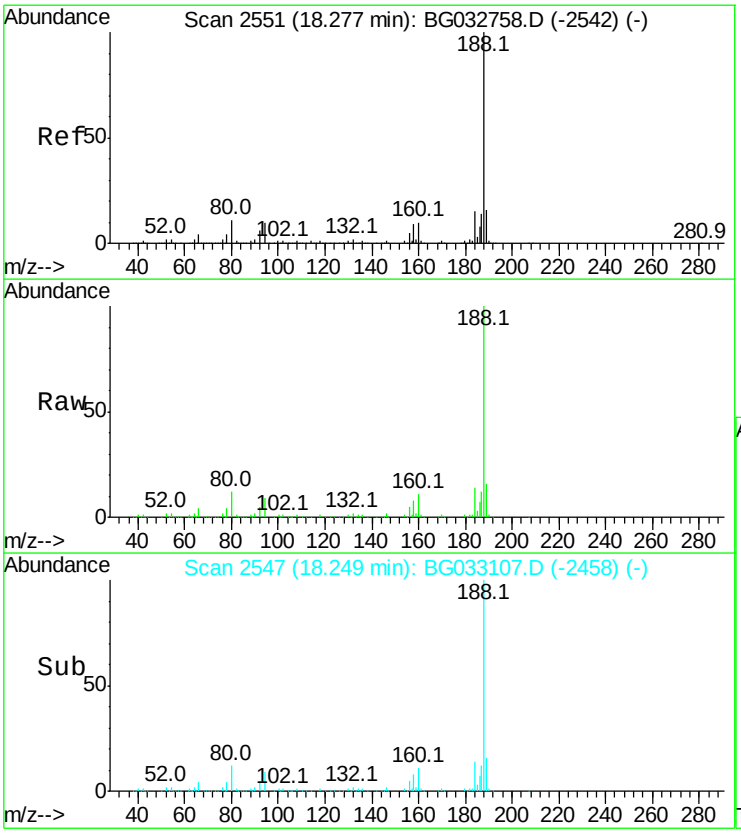
#56
2,4-Dinitrotoluene
Concen: 14.831 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.34 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13747

Ion	Ratio	Lower	Upper
165	100		
63	2.7	42.0	63.0#
89	3.0	66.9	100.3#
182	0.0	2.6	3.8#

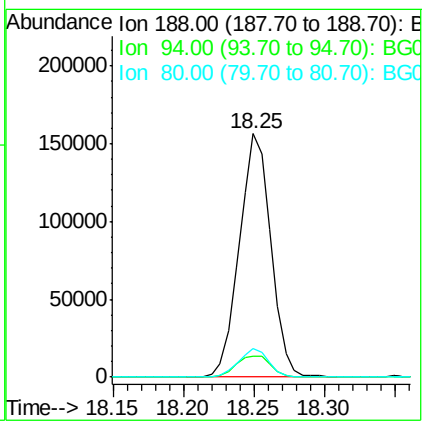


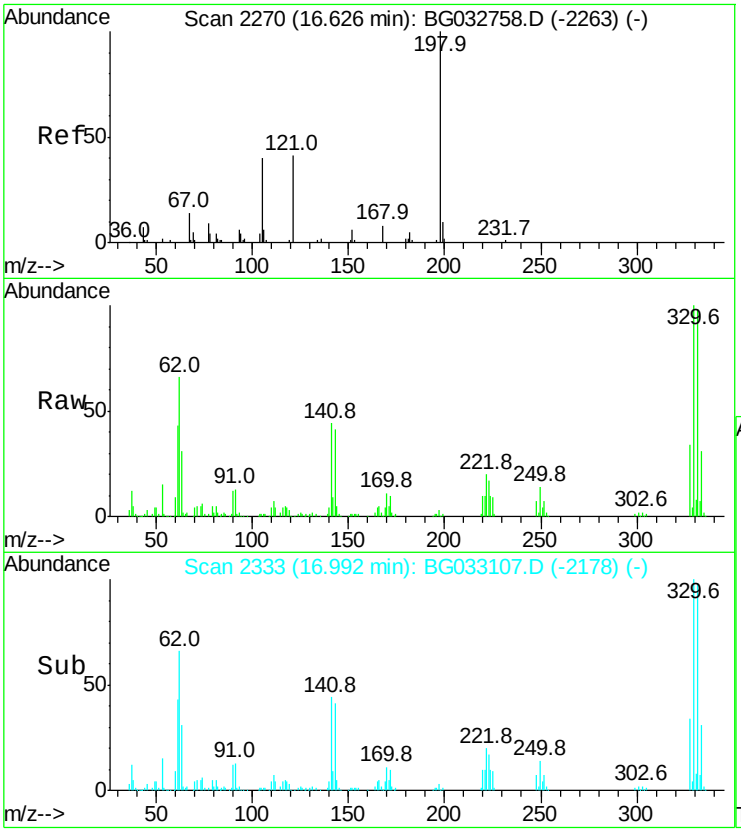


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Tgt Ion:188 Resp: 244399

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	11.7	7.7	11.5#



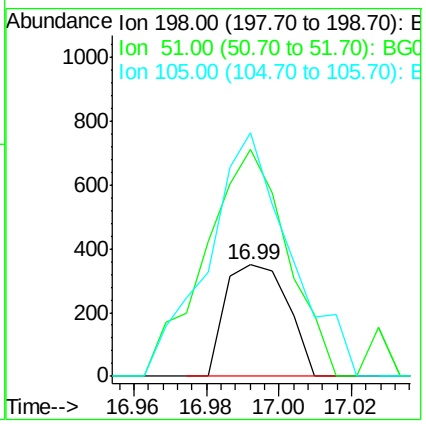


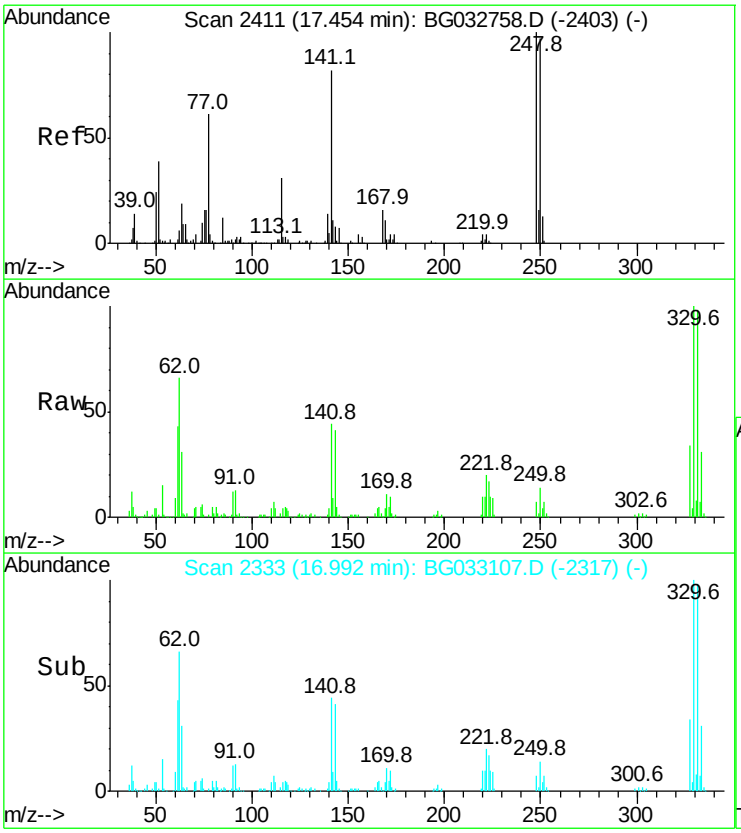
#64
4,6-Dinitro-2-methylphenol
Concen: 5.677 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.38 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 419

Ion	Ratio	Lower	Upper
198	100		
51	204.0	30.6	70.6#
105	218.9	23.8	63.8#

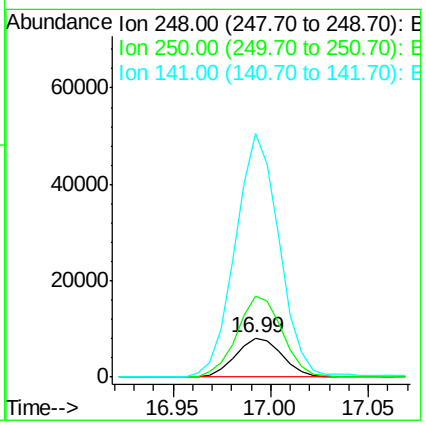


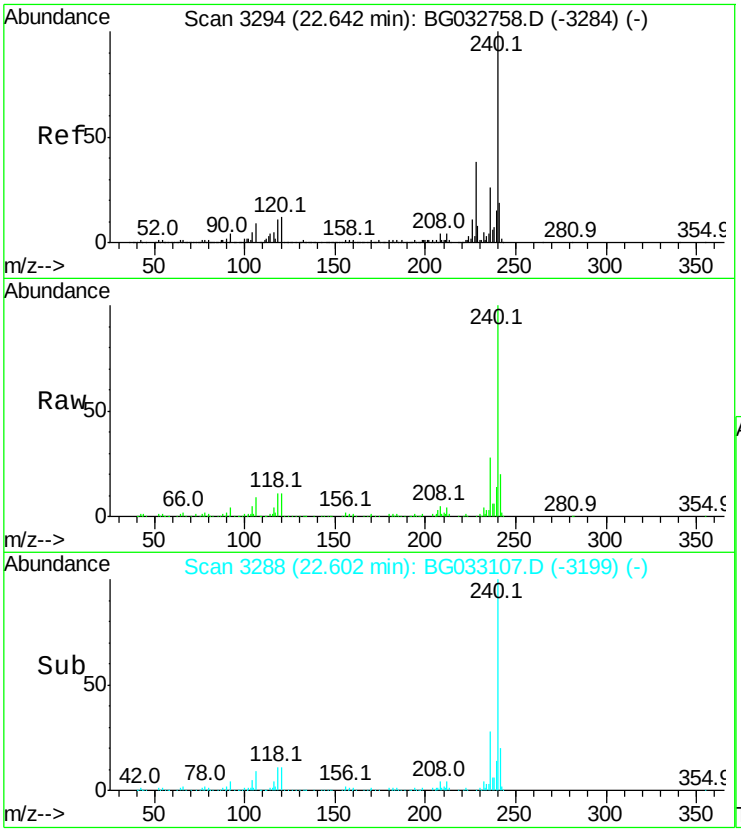


#66
4-Bromophenyl-phenylether
Concen: 5.190 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Tgt Ion:248 Resp: 13413

Ion	Ratio	Lower	Upper
248	100		
250	206.7	77.1	115.7#
141	622.7	50.8	76.2#



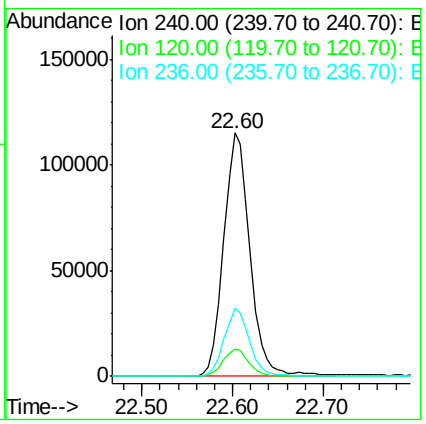


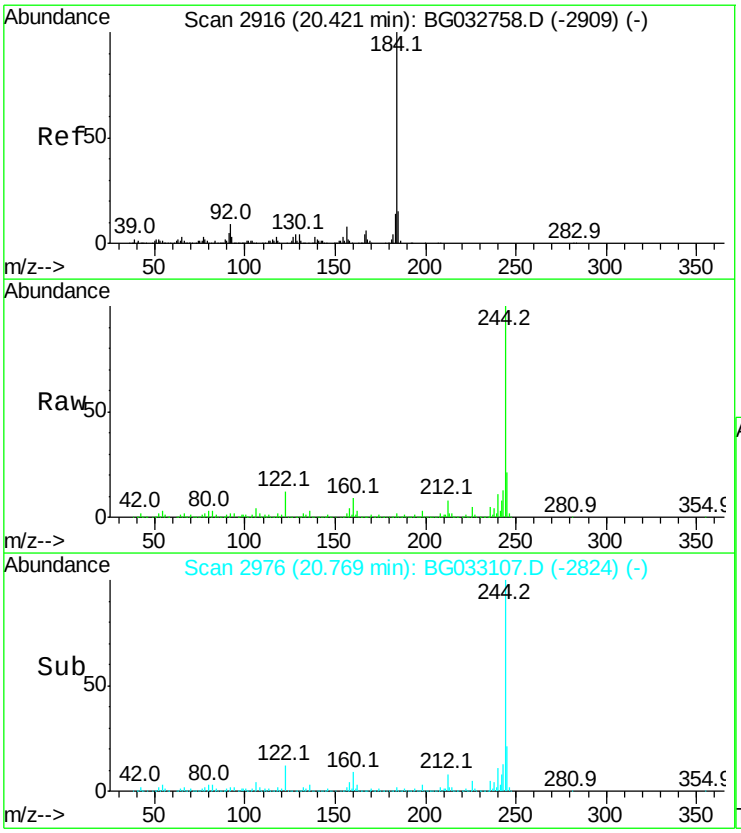
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 231675

Ion	Ratio	Lower	Upper
240	100		
120	11.4	6.8	10.2#
236	28.1	20.9	31.3

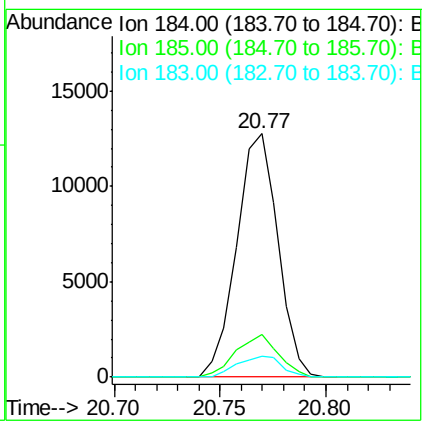


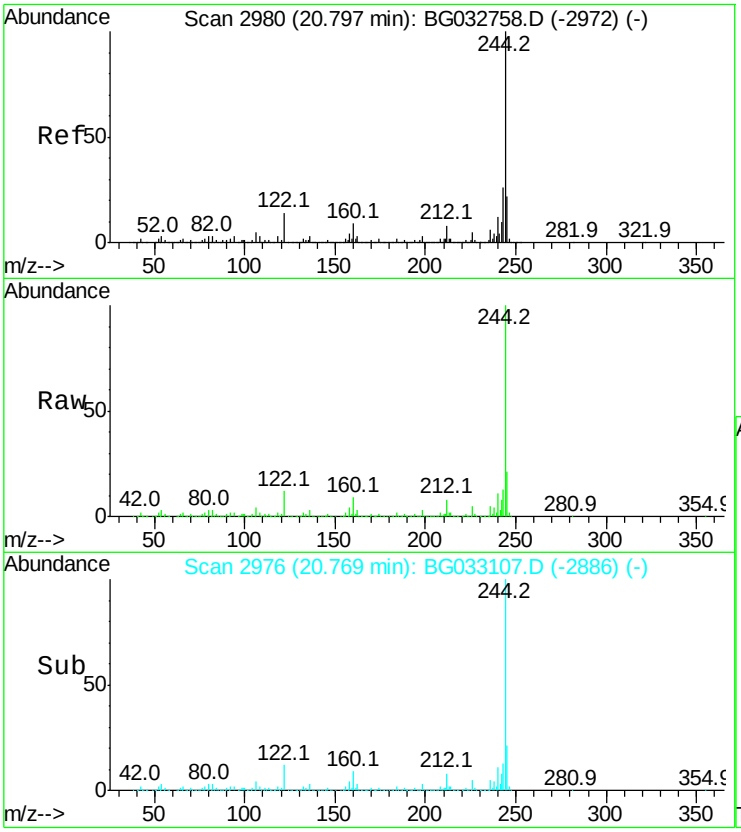


#76
Benzidine
Concen: 2.185 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.36 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Tgt Ion:184 Resp: 17253

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.1	16.7#
183	8.8	10.6	16.0#



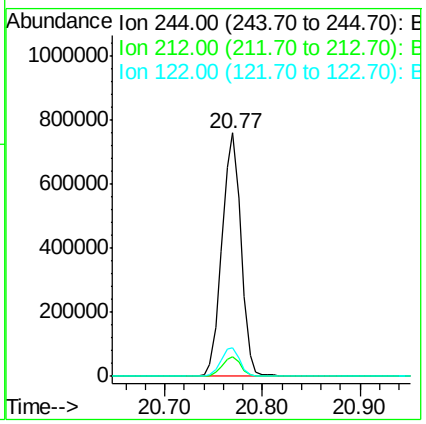


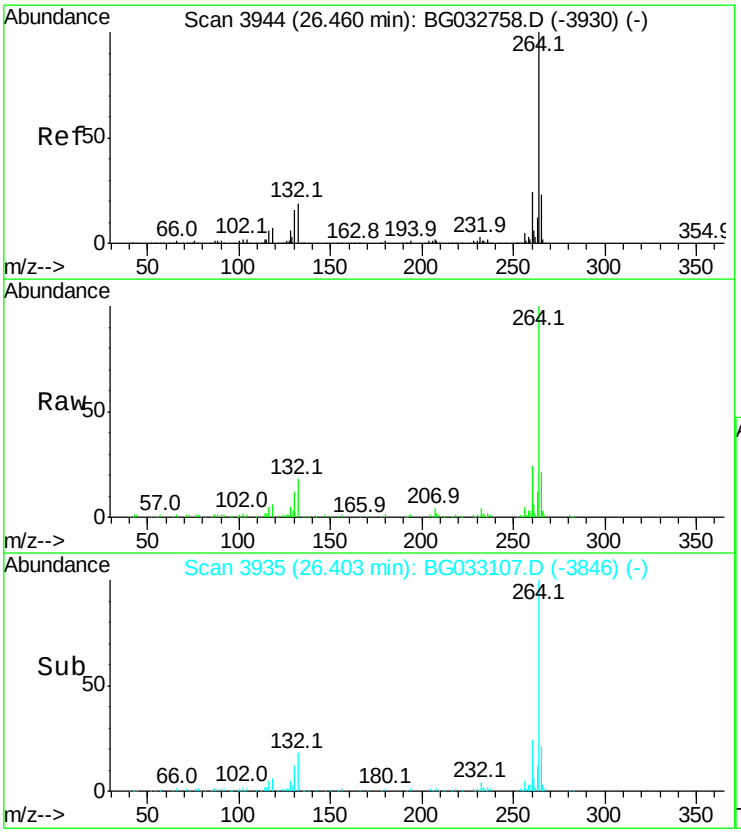
#78
Terphenyl-d14
Concen: 99.500 ng
RT: 20.77 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1026007

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	11.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3935
Delta R.T. -0.01 min
Lab File: BG033107.D
Acq: 13 Mar 2018 2:52

Tgt Ion:264 Resp: 240015

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.2	17.7	26.5