Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033967.D
Acq On : 24 Apr 2018 23:14
Operator : SJ/JU
Sample : PB108503BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 25 00:04:08 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	83280	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	339737	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	211324	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	547266	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	635667	20.00	ng	-0.03
86) Perylene-d12	24.52	264	645928	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	652014	125.00	ng	0.00
7) Phenol-d6	7.00	99	832615	109.44	ng	0.00
23) Nitrobenzene-d5	8.98	82	511959	85.76	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	361922	146.80	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1226434	85.26	ng	-0.02
78) Terphenyl-d14	19.85	244	2207269	78.01	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.00	77	1522	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.98	70	70064	10.803	ng	# 79
50) 2,6-Dinitrotoluene	14.45	165	28937	8.214	ng	# 20
56) 2,4-Dinitrotoluene	14.45	165	28937	6.177	ng	# 17
64) 4,6-Dinitro-2-methylphenol	15.93	198	1052	6.834	ng	91
66) 4-Bromophenyl-phenylether	15.95	248	15252	2.538	ng	# 1
76) Benzidine	19.85	184	35967	2.095	ng	98

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

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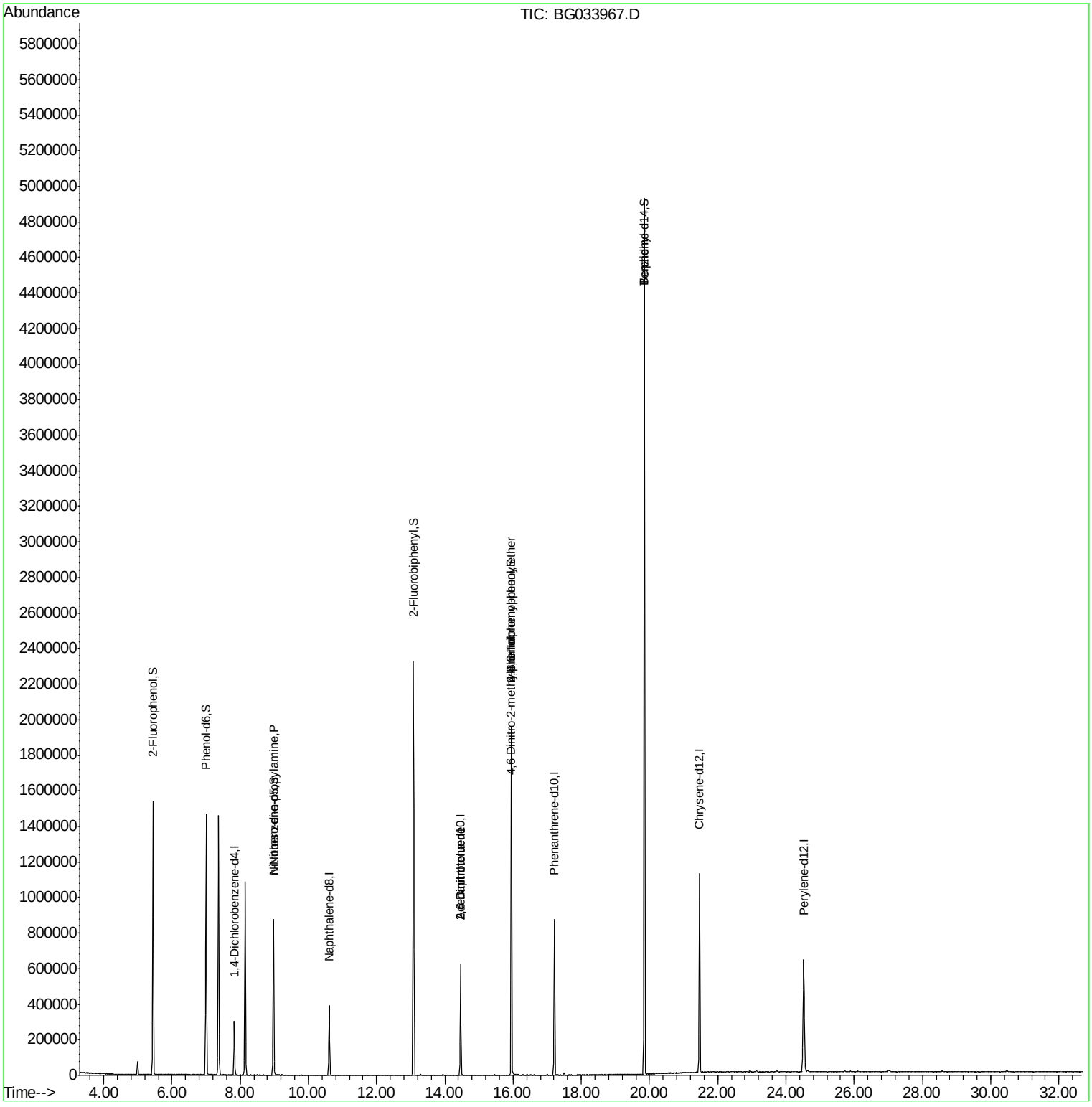
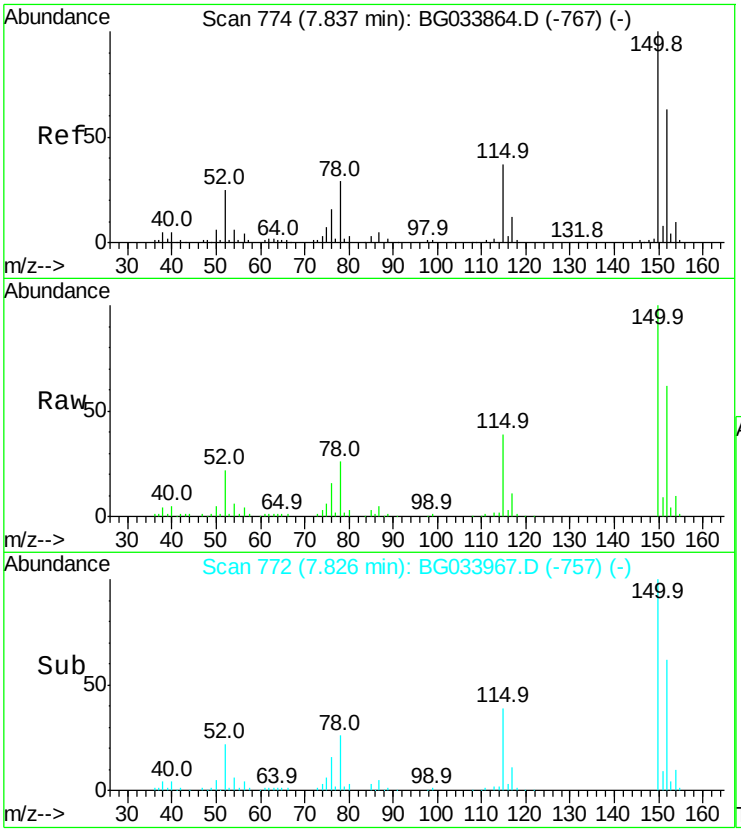


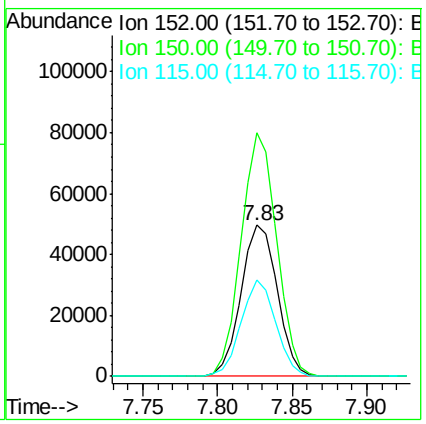


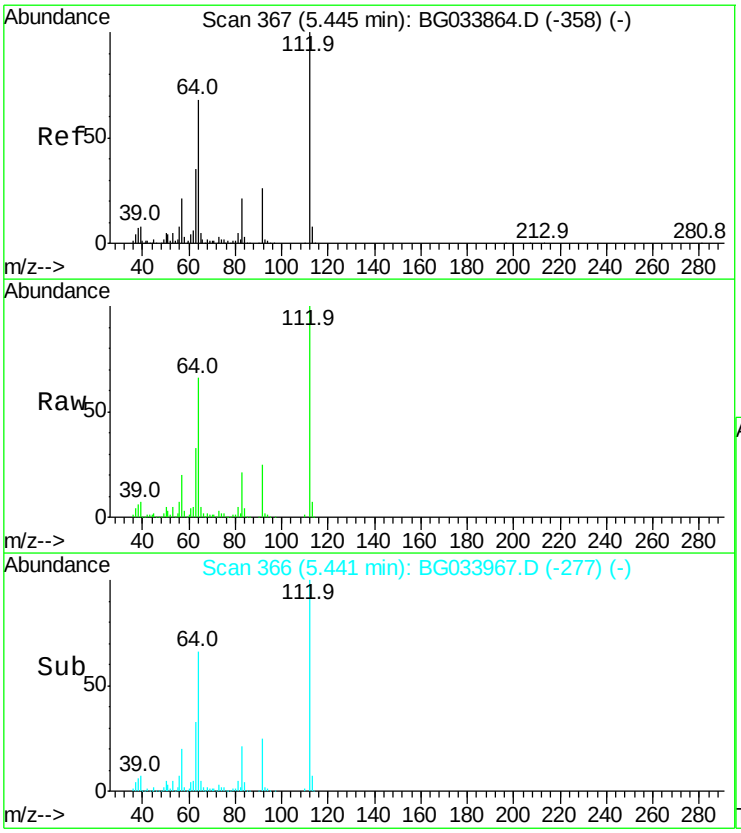
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 83280

Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.6	189.8
115	63.5	53.0	79.4

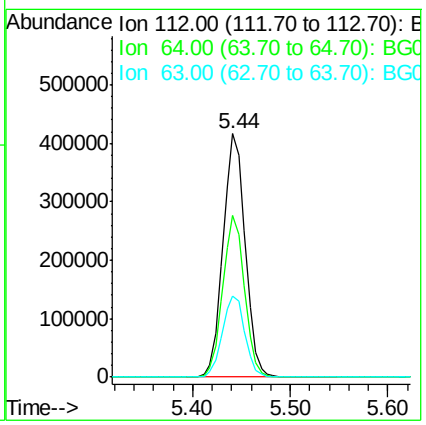


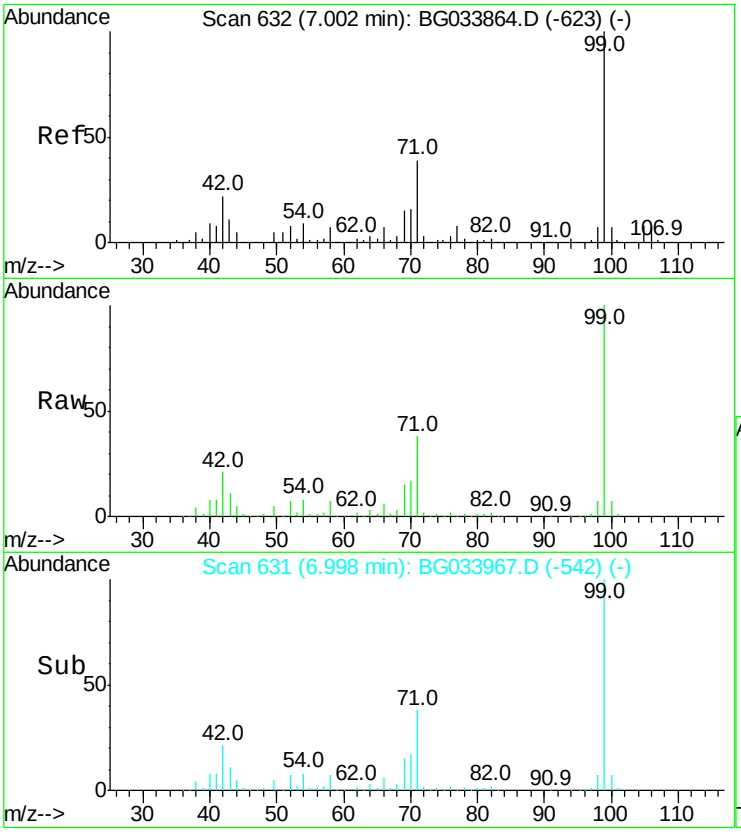


#5
2-Fluorophenol
Concen: 124.995 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.00 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Tgt Ion:112 Resp: 652014

Ion	Ratio	Lower	Upper
112	100		
64	66.3	56.3	84.5
63	33.3	30.1	45.1



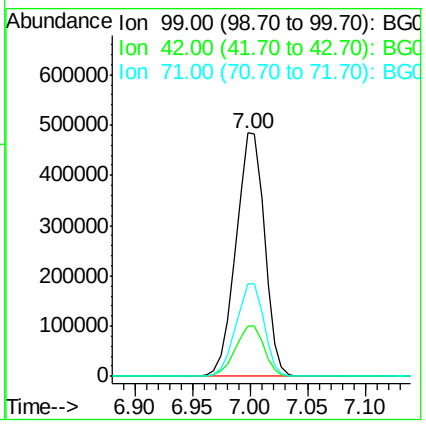


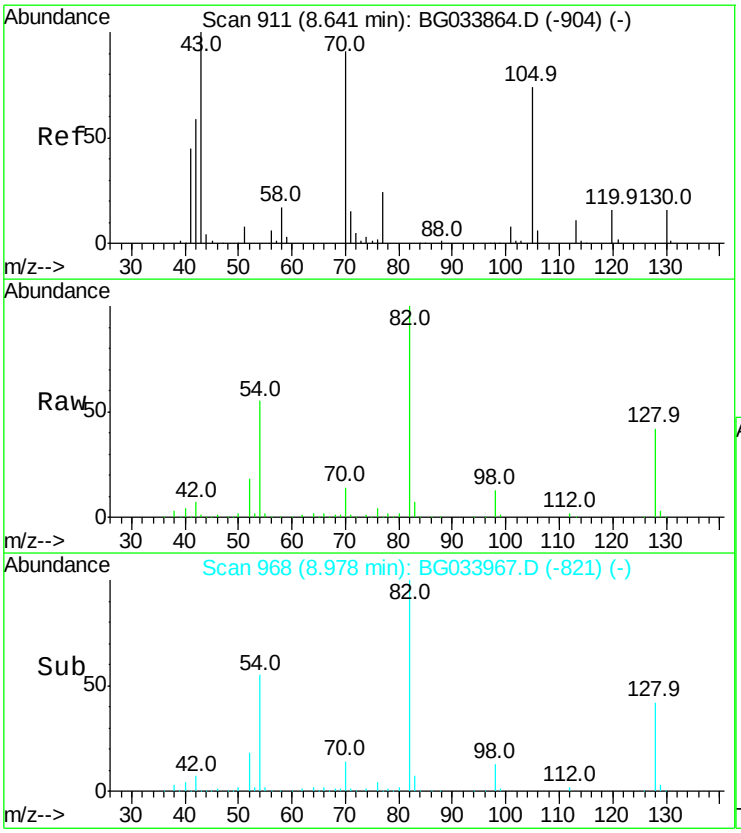
#7
Phenol-d6
Concen: 109.435 ng
RT: 7.00 min Scan# 631
Delta R.T. -0.00 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 832615

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.1	21.1
71	38.1	26.1	39.1

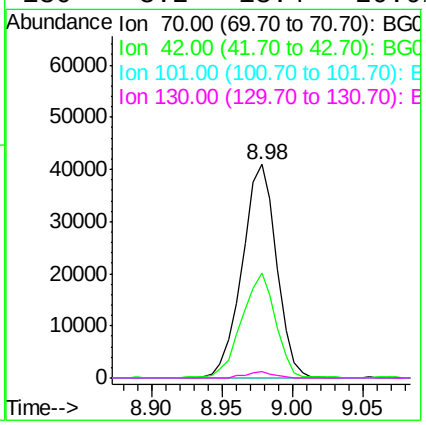


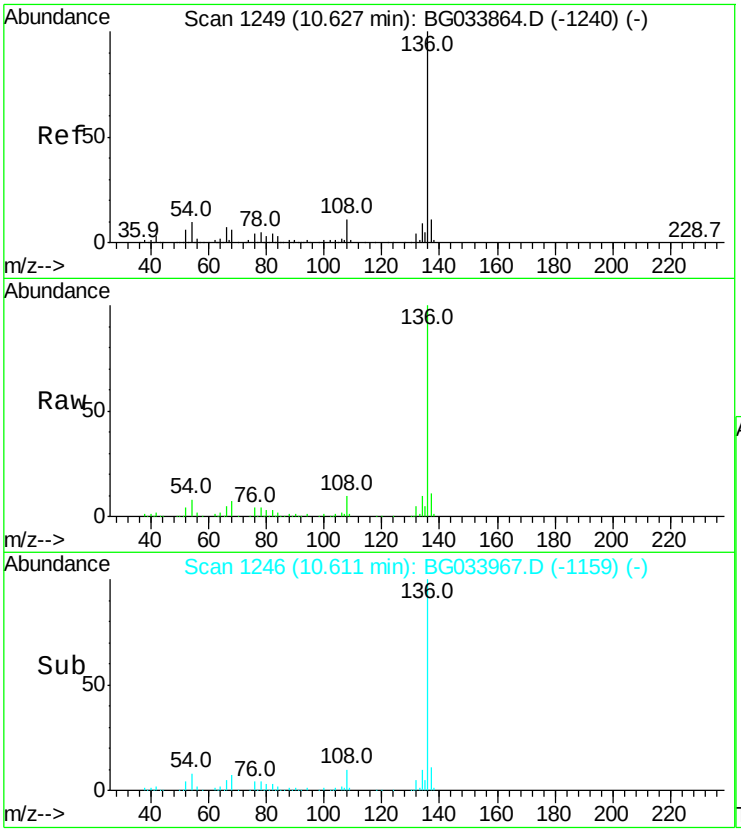


#19
n-Nitroso-di-n-propylamine
Concen: 10.803 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.34 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Tgt Ion: 70 Resp: 70064

Ion	Ratio	Lower	Upper
70	100		
42	48.9	49.1	73.7#
101	0.0	8.5	12.7#
130	3.2	13.4	20.0#



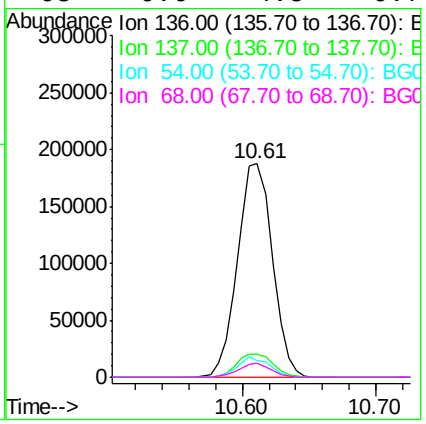


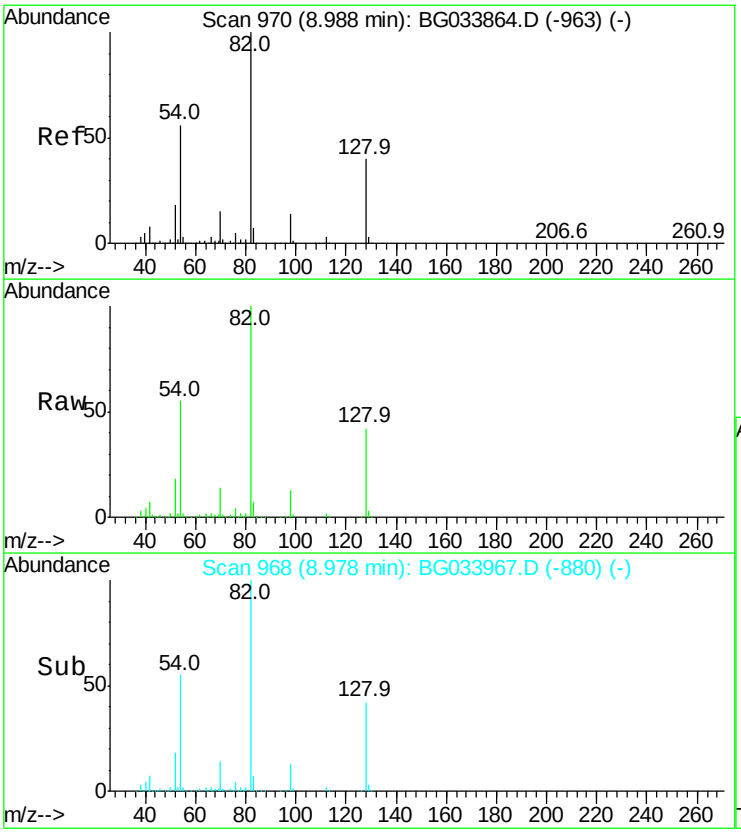
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 339737

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.9	10.3	15.5#
68	6.6	4.5	6.7

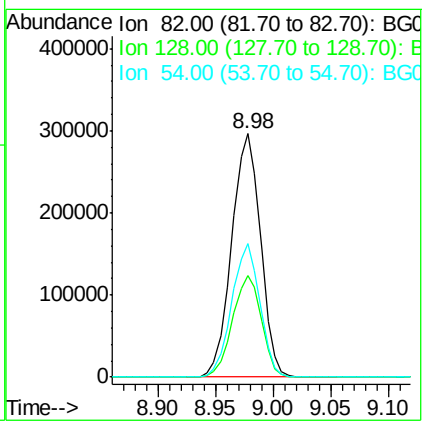


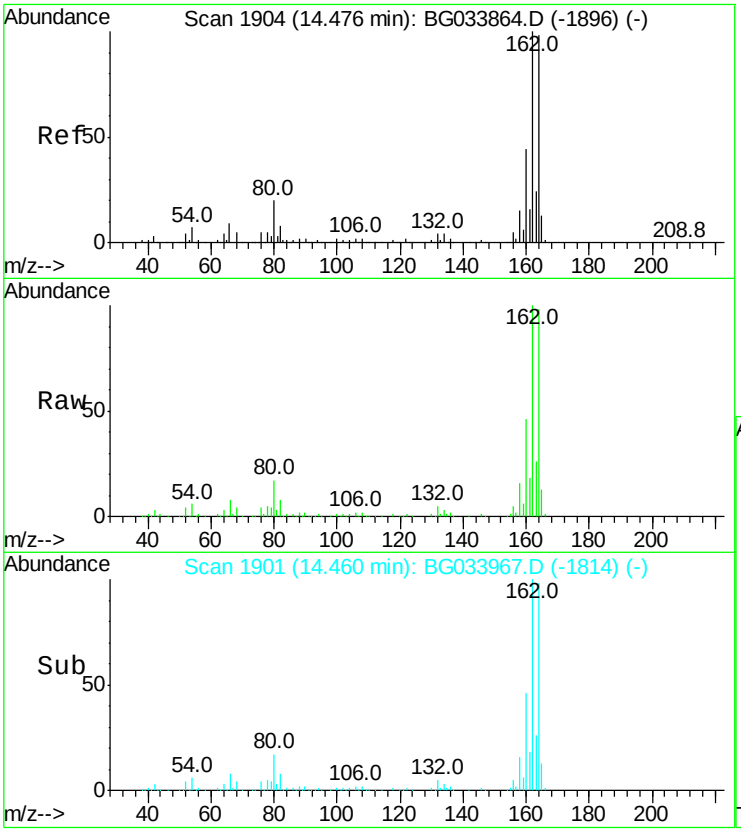


#23
Nitrobenzene-d5
Concen: 85.759 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Tgt Ion: 82 Resp: 511959

Ion	Ratio	Lower	Upper
82	100		
128	41.9	29.7	44.5
54	54.7	43.1	64.7



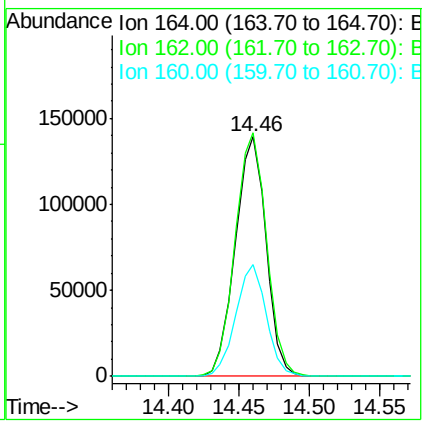


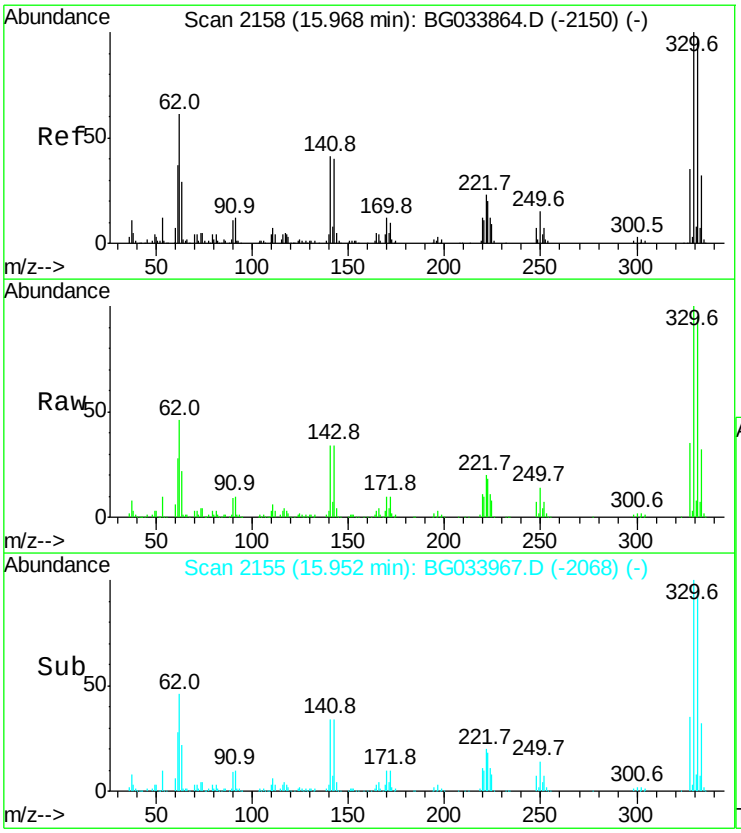
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 211324

Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.8	118.2
160	46.8	35.4	53.0

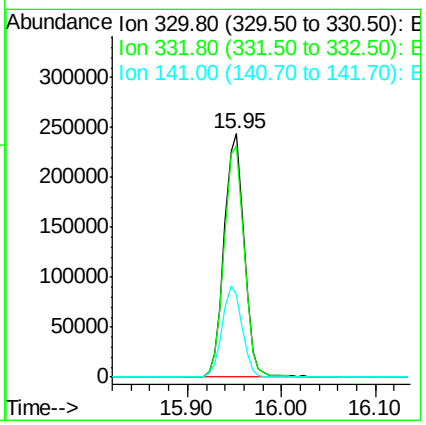


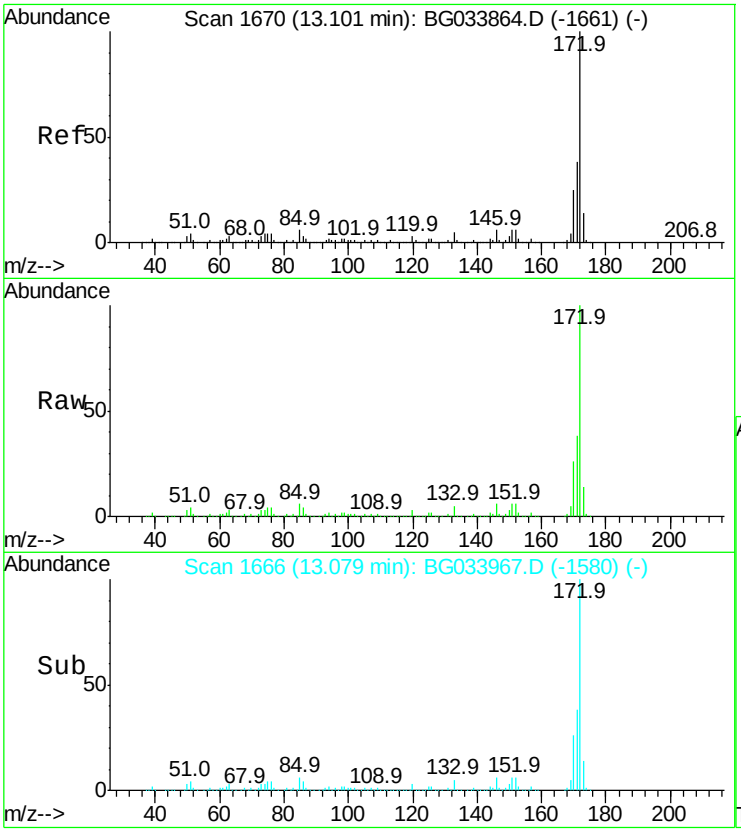


#41
2,4,6-Tribromophenol
Concen: 146.799 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Tgt Ion:330 Resp: 361922

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.3	25.2	37.8



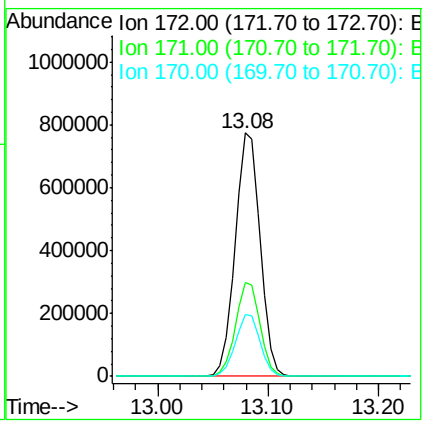


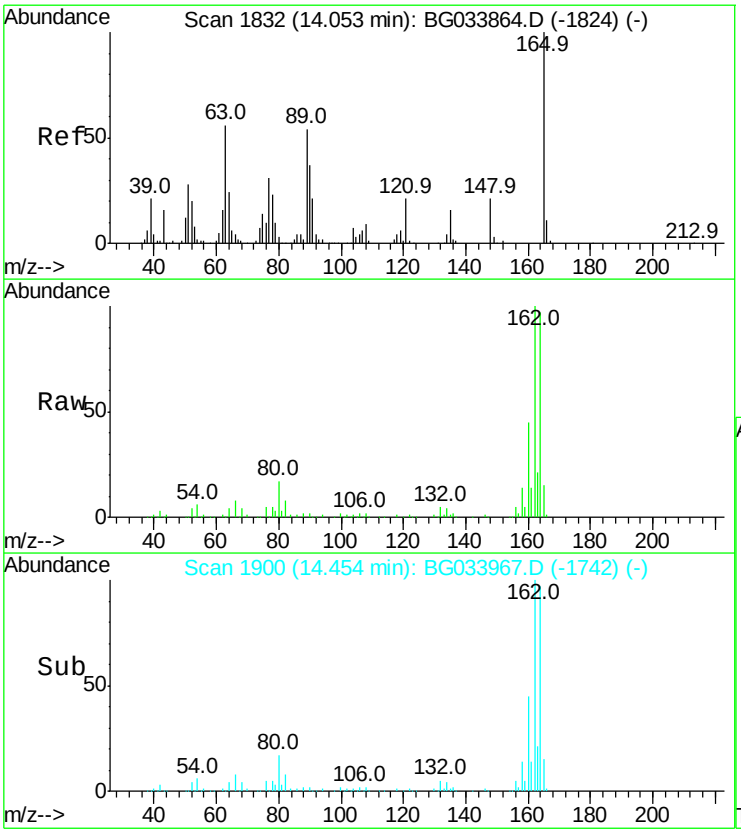
#44
2-Fluorobiphenyl
Concen: 85.256 ng
RT: 13.08 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1226434

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.6	19.5	29.3

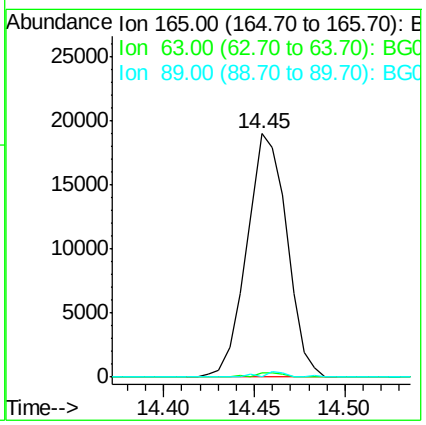


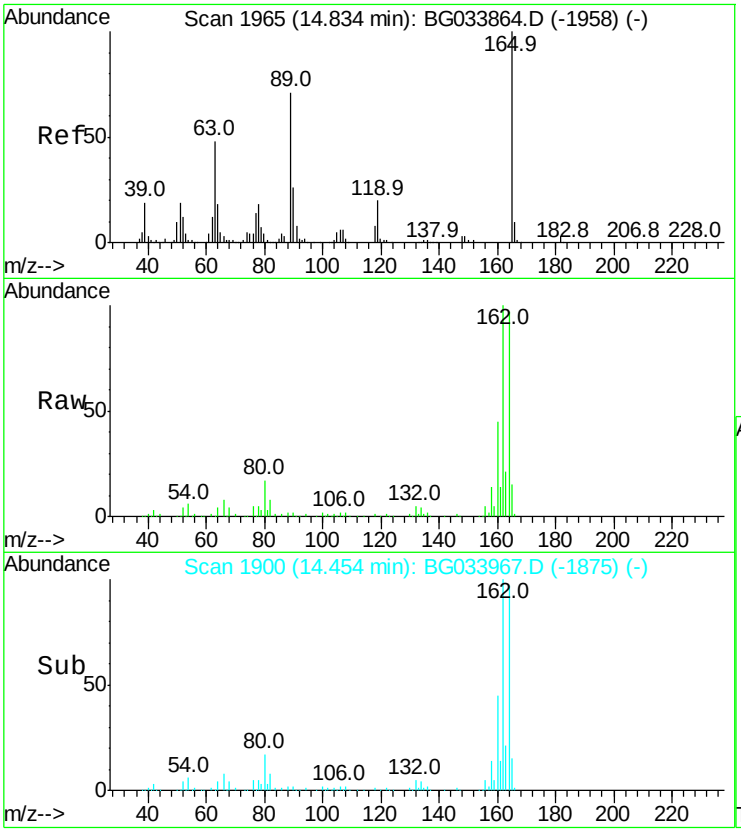


#50
2,6-Dinitrotoluene
Concen: 8.214 ng
RT: 14.45 min Scan# 1900
Delta R.T. 0.40 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Tgt Ion:165 Resp: 28937

Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.7	79.1#
89	0.0	49.2	73.8#



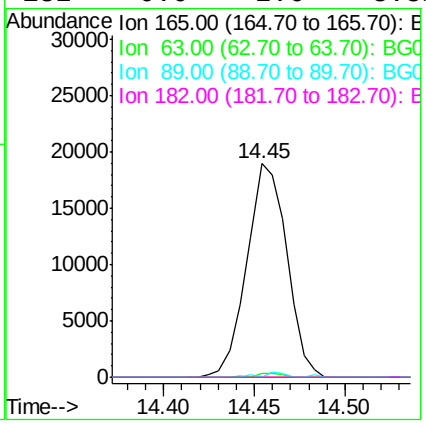


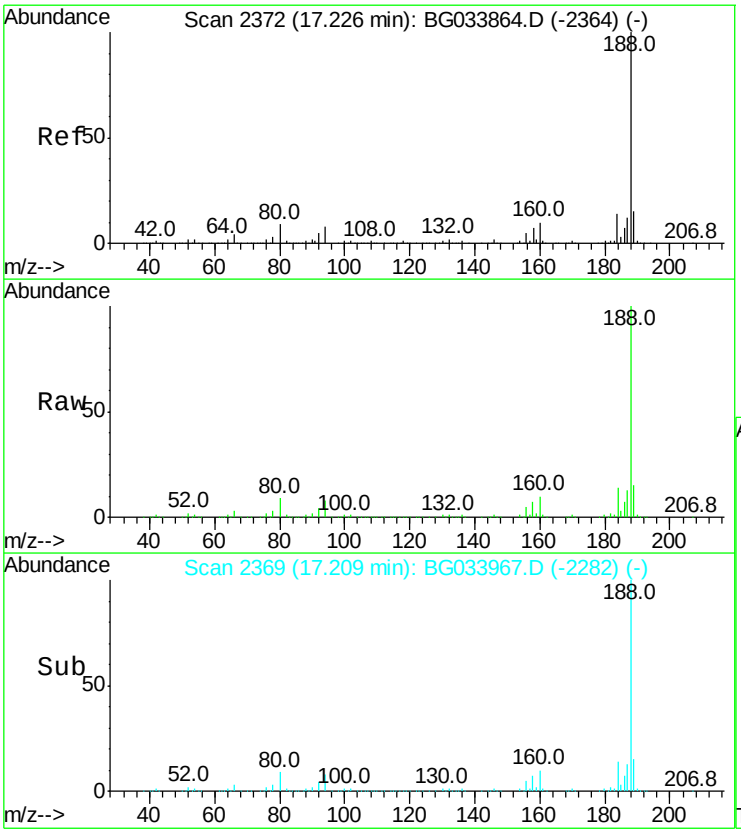
#56
2,4-Dinitrotoluene
Concen: 6.177 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.38 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 28937

Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

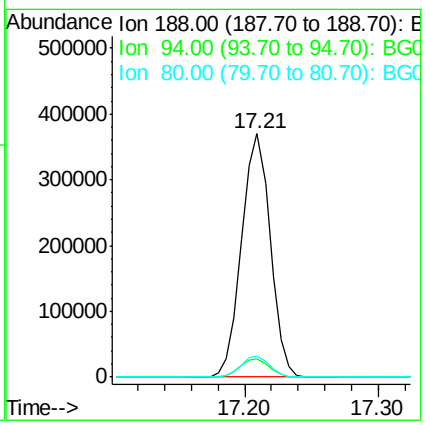


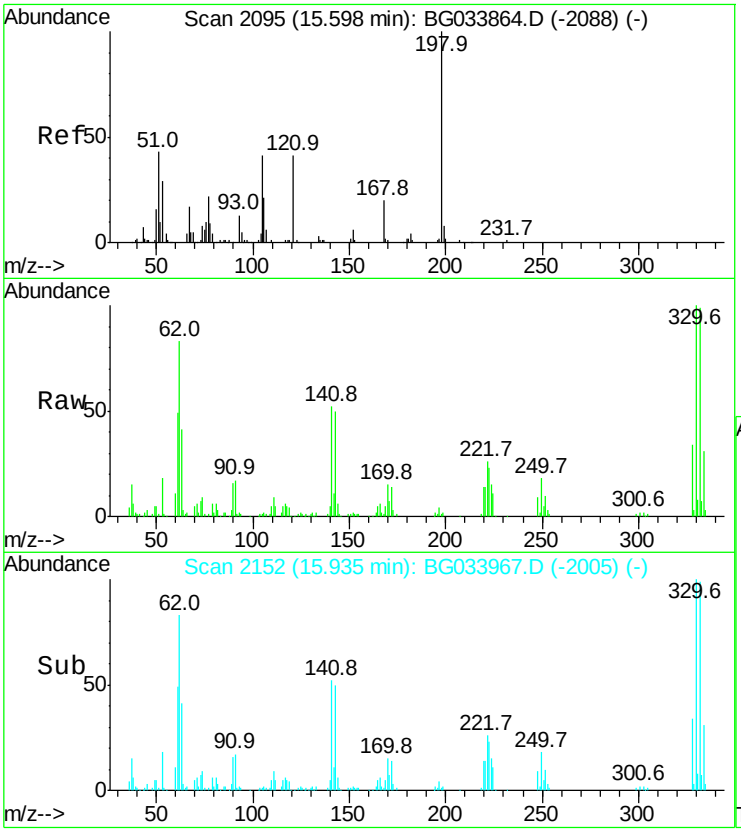


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Tgt Ion:188 Resp: 547266

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.8	7.7	11.5



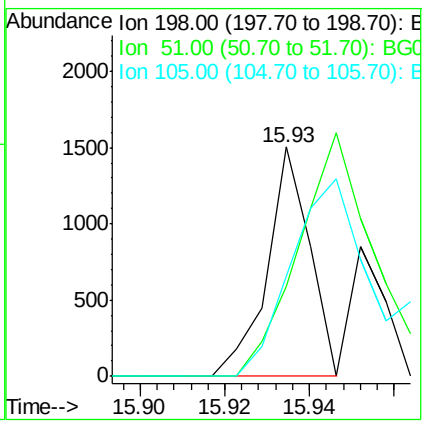


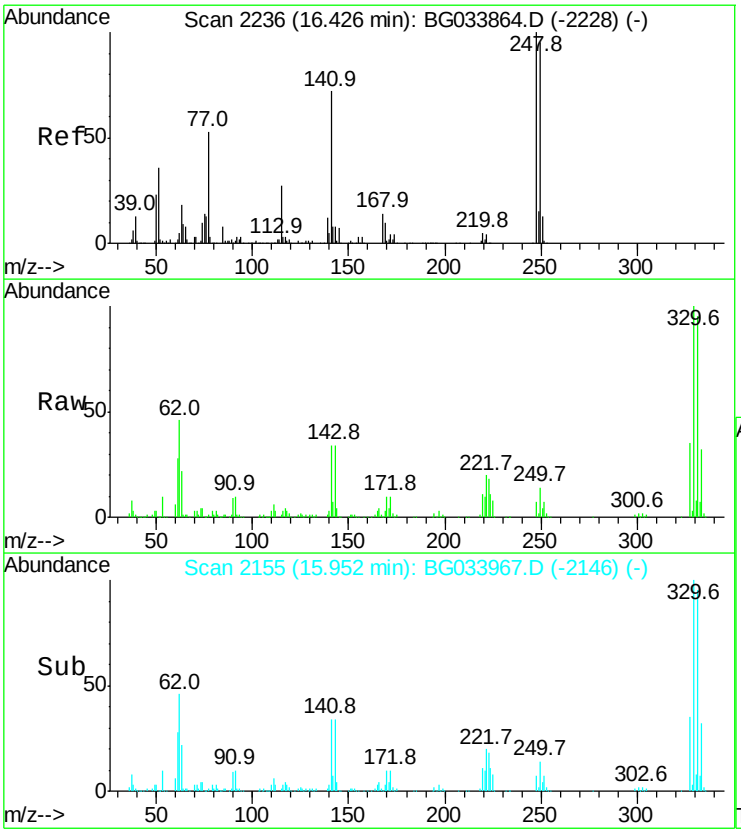
#64
4,6-Dinitro-2-methylphenol
Concen: 6.834 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.34 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1052

Ion	Ratio	Lower	Upper
198	100		
51	39.1	30.6	70.6
105	43.7	23.8	63.8

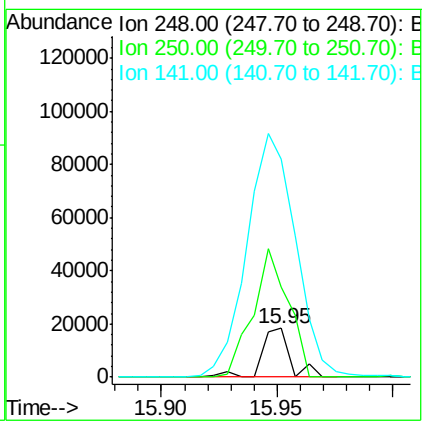


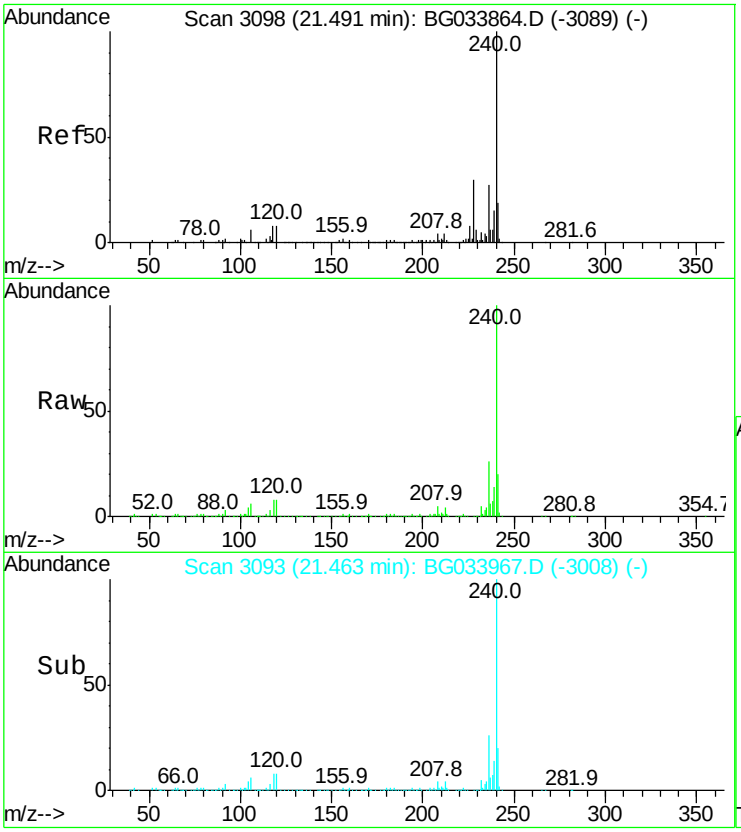


#66
4-Bromophenyl-phenylether
Concen: 2.538 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.47 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Tgt Ion:248 Resp: 15252

Ion	Ratio	Lower	Upper
248	100		
250	188.8	77.1	115.7#
141	349.7	50.8	76.2#



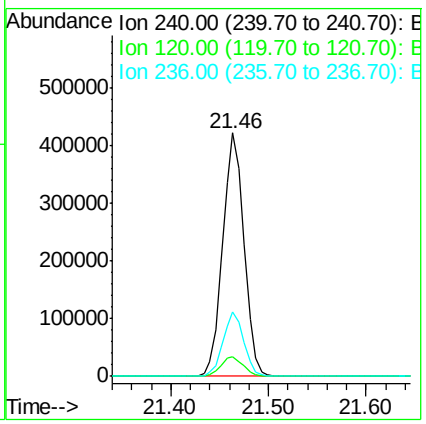


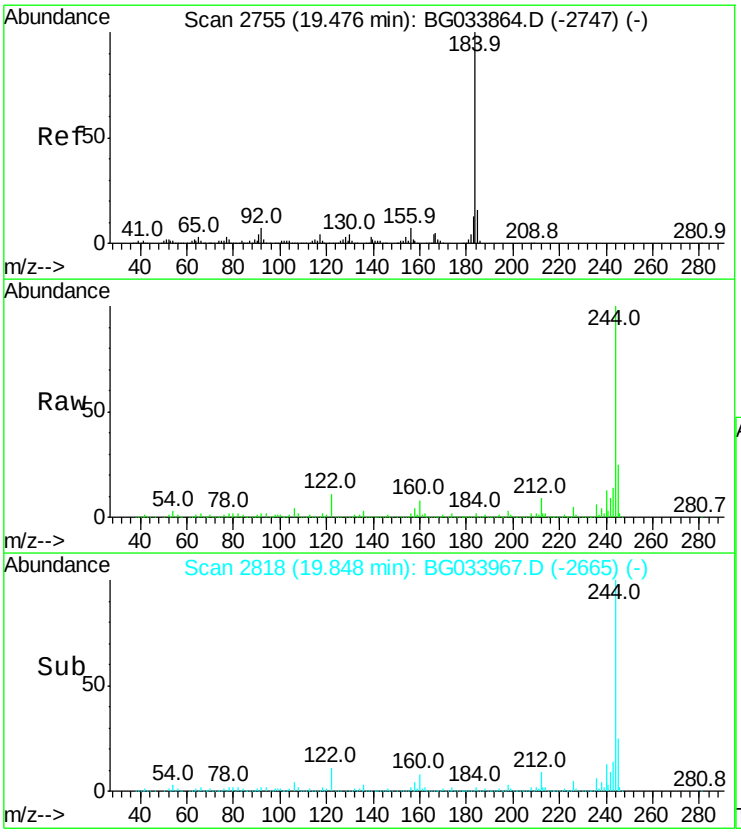
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 635667

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.8	10.2
236	26.2	20.9	31.3

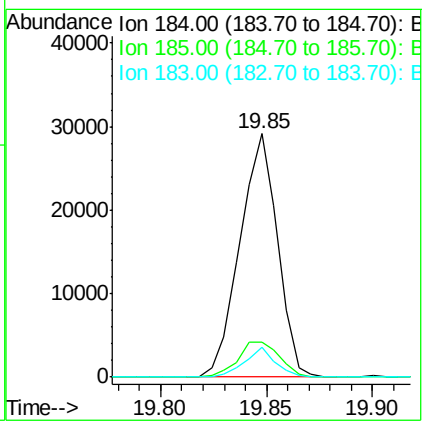


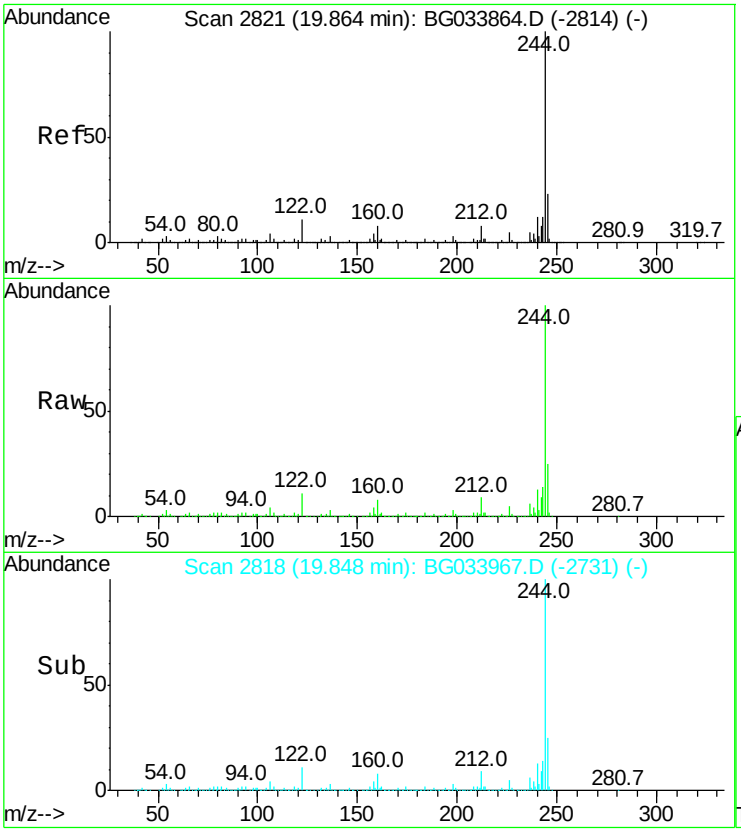


#76
Benzidine
Concen: 2.095 ng
RT: 19.85 min Scan# 2818
Delta R.T. 0.37 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Tgt Ion:184 Resp: 35967

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.1	16.7
183	12.4	10.6	16.0



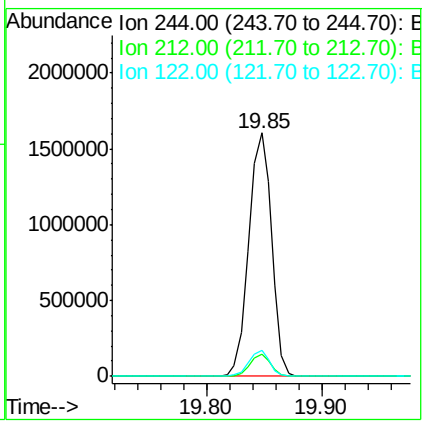


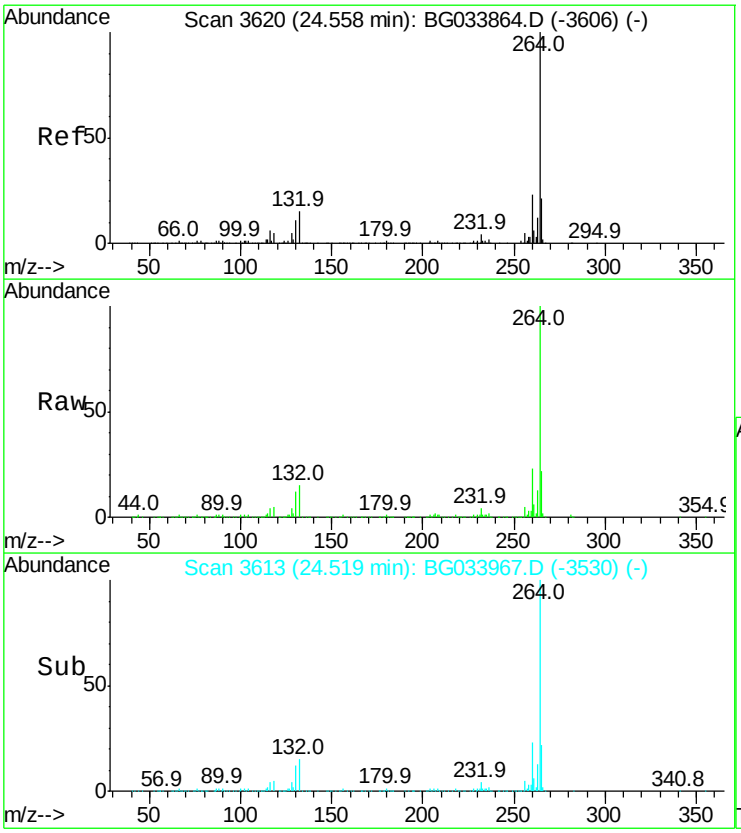
#78
Terphenyl-d14
Concen: 78.011 ng
RT: 19.85 min Scan# 2818
Delta R.T. -0.02 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2207269

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	10.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3613
Delta R.T. -0.04 min
Lab File: BG033967.D
Acq: 24 Apr 2018 23:14

Tgt Ion:264 Resp: 645928

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.4	17.7	26.5