Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034047.D
Acq On : 27 Apr 2018 20:09
Operator : SJ/JU
Sample : J2455-44
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 28 00:33:24 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	7.75	152	32363	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	196626	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	149332	20.00	ng	-0.08
63) Phenanthrene-d10	17.14	188	445506	20.00	ng	-0.08
75) Chrysene-d12	21.40	240	508698	20.00	ng	-0.09
86) Perylene-d12	24.39	264	493734	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	374508	184.75	ng	-0.08
7) Phenol-d6	6.94	99	437005	147.81	ng	-0.06
23) Nitrobenzene-d5	8.91	82	331036	95.81	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	337301	193.61	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1067799	105.04	ng	-0.09
78) Terphenyl-d14	19.78	244	2419023	106.83	ng	-0.08
Target Compounds						Qvalue
9) Benzaldehyde	6.95	77	446	Below Cal	#	5
15) Benzyl Alcohol	8.07	79	5885	2.283	ng	# 45
19) n-Nitroso-di-n-propylamine	8.91	70	40682	16.142	ng	# 76
32) Benzoic acid	9.86	122	62	5.104	ng	# 1
50) 2,6-Dinitrotoluene	14.39	165	18996	7.631	ng	# 18
56) 2,4-Dinitrotoluene	14.39	165	18996	5.738	ng	# 16
64) 4,6-Dinitro-2-methylphenol	15.90	198	1266	7.000	ng	77
76) Benzidine	19.78	184	33855	2.465	ng	# 90

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

Quantitation Report (Not Reviewed)

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Acq On : 27 Apr 2018 20:09
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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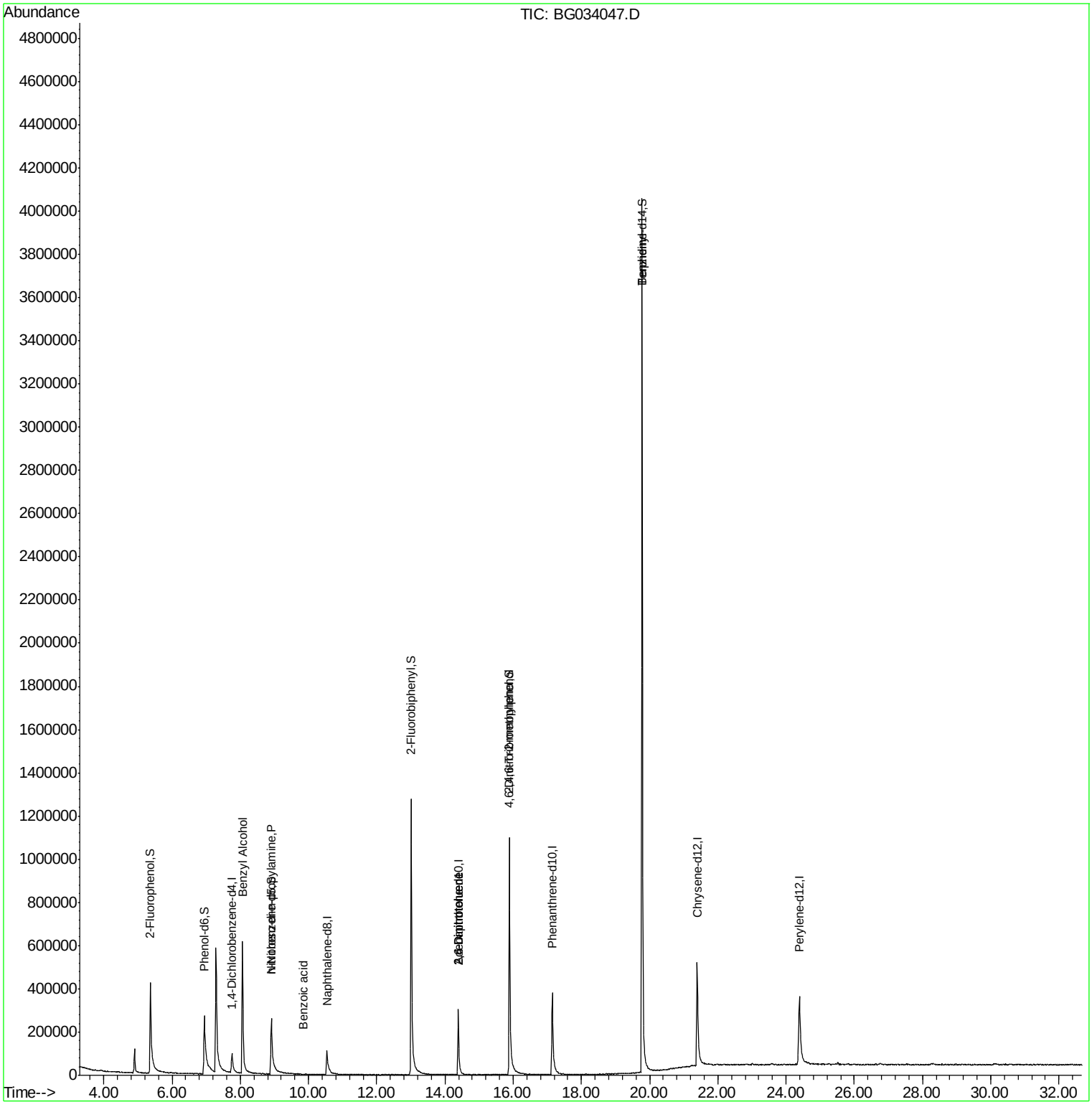
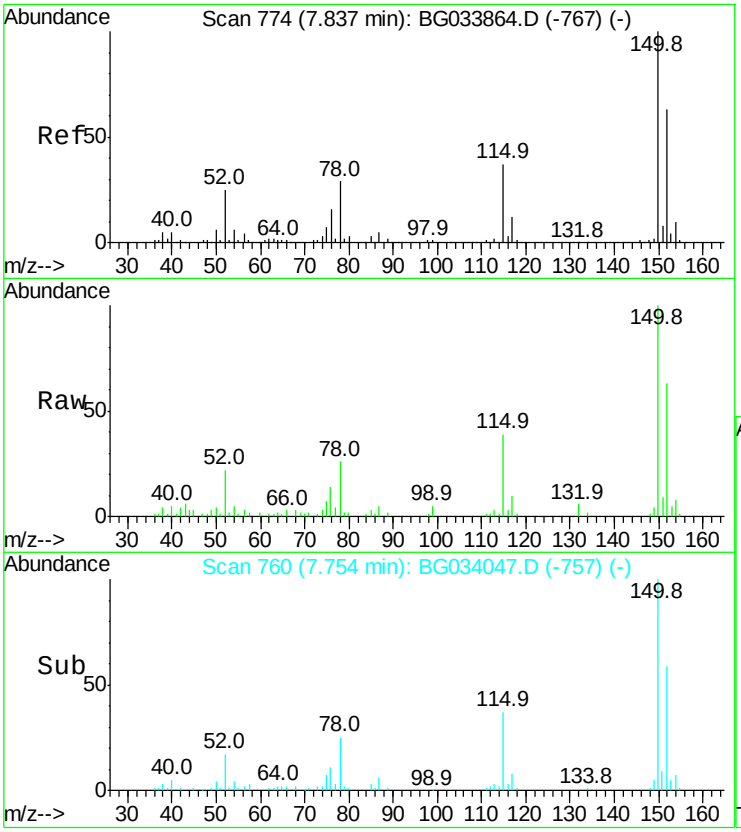
Response via : Initial Calibration



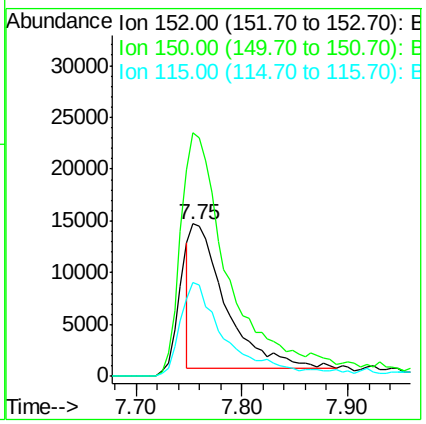


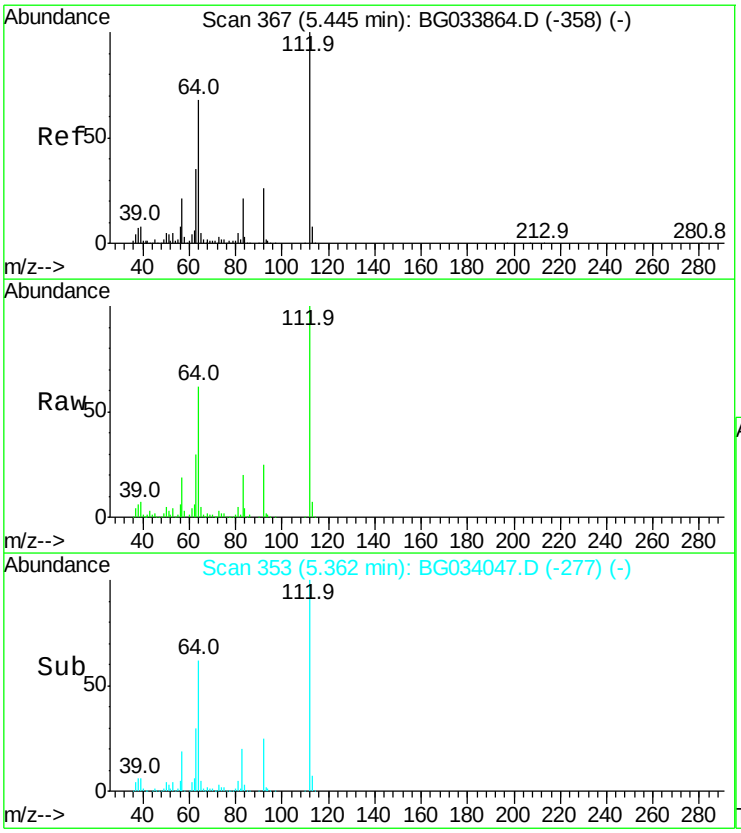
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 760
Delta R.T. -0.08 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 32363

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.6	189.8
115	62.0	53.0	79.4

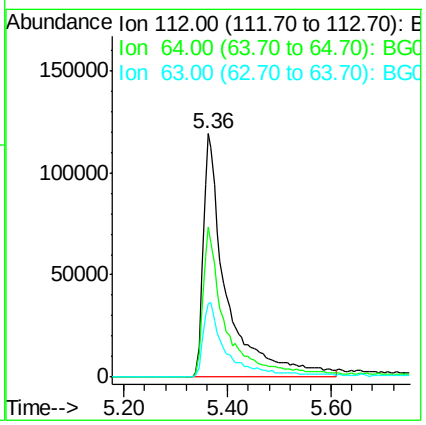


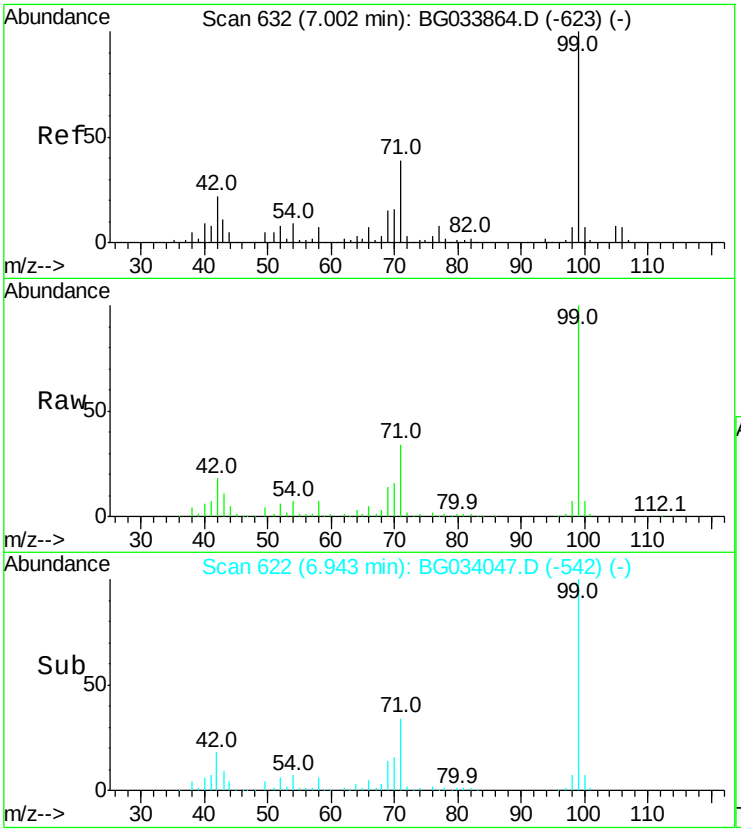


#5
2-Fluorophenol
Concen: 184.752 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Tgt Ion:112 Resp: 374508

Ion	Ratio	Lower	Upper
112	100		
64	61.7	56.3	84.5
63	29.9	30.1	45.1#



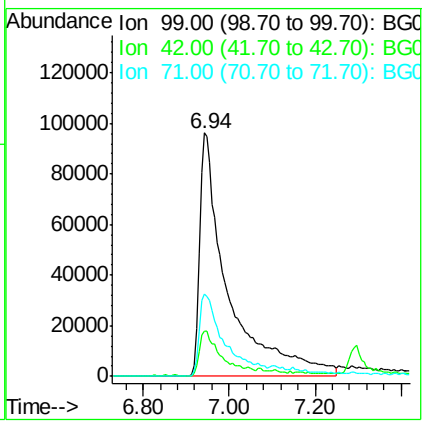


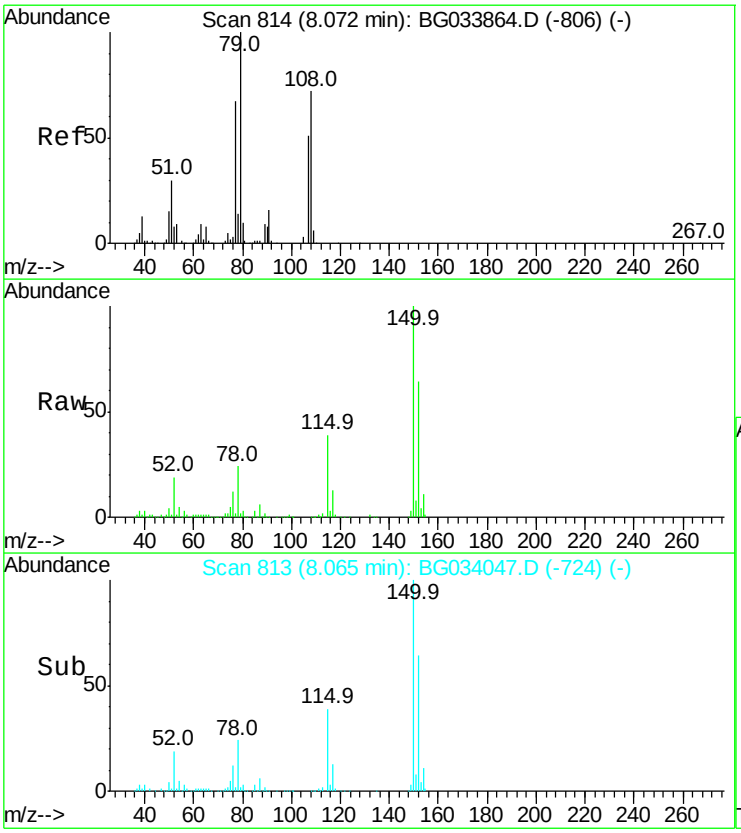
#7
Phenol-d6
Concen: 147.806 ng
RT: 6.94 min Scan# 622
Delta R.T. -0.06 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 437005

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.1	21.1
71	33.8	26.1	39.1

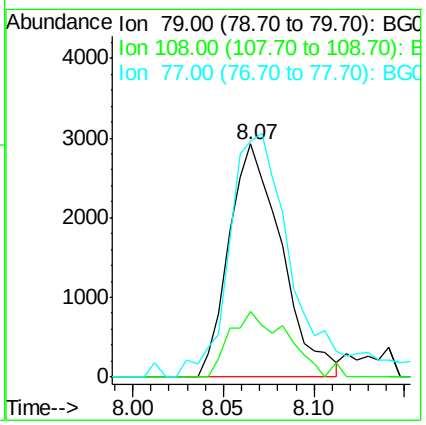


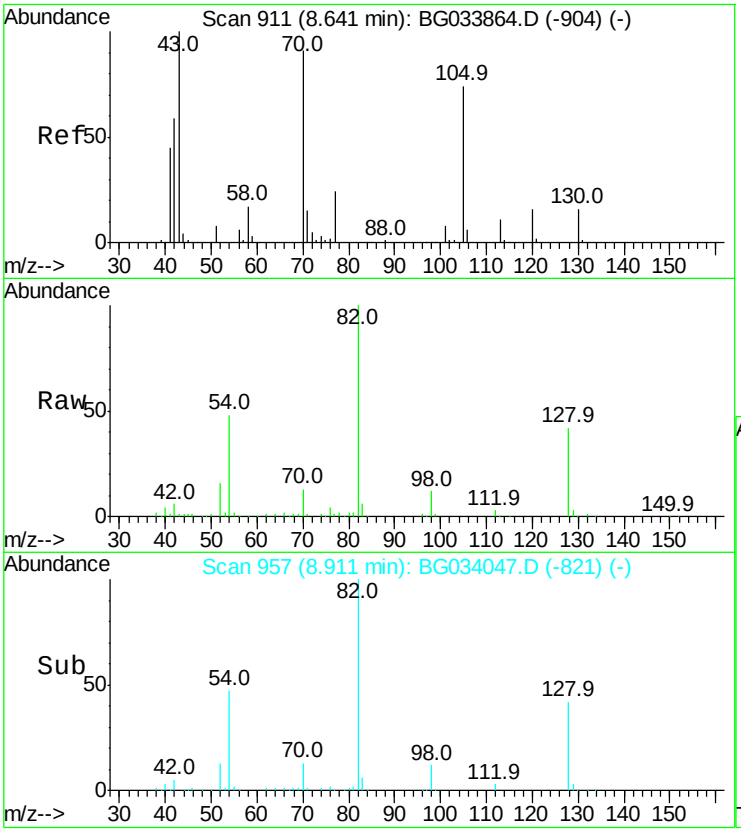


#15
Benzyl Alcohol
Concen: 2.283 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Tgt Ion: 79 Resp: 5885

Ion	Ratio	Lower	Upper
79	100		
108	28.0	57.2	85.8#
77	101.4	46.1	69.1#



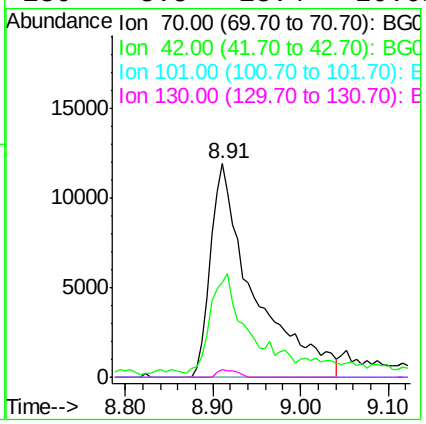


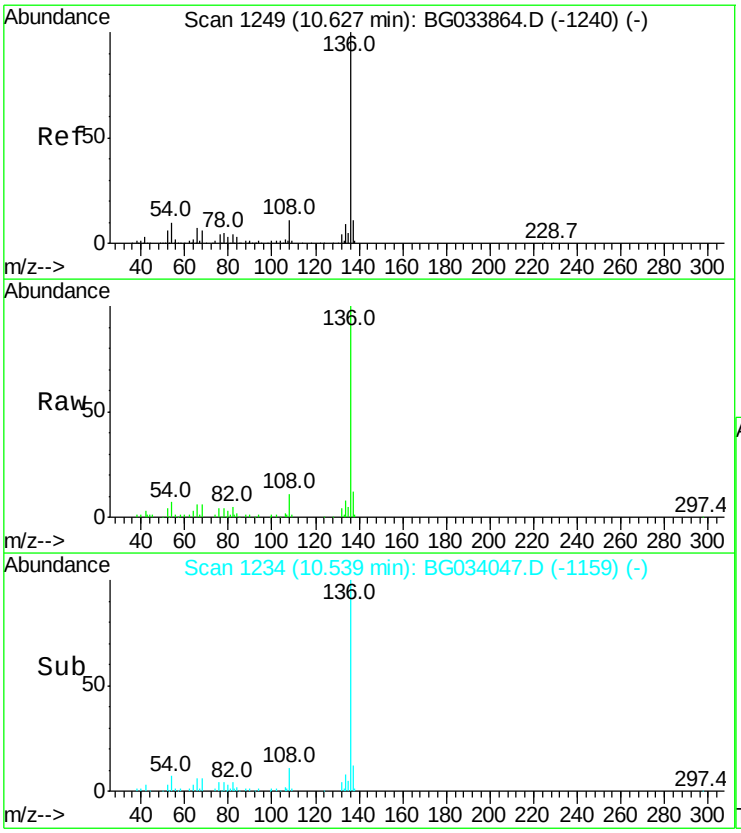
#19
n-Nitroso-di-n-propylamine
Concen: 16.142 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.27 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 40682

Ion	Ratio	Lower	Upper
70	100		
42	44.5	49.1	73.7#
101	0.0	8.5	12.7#
130	3.5	13.4	20.0#

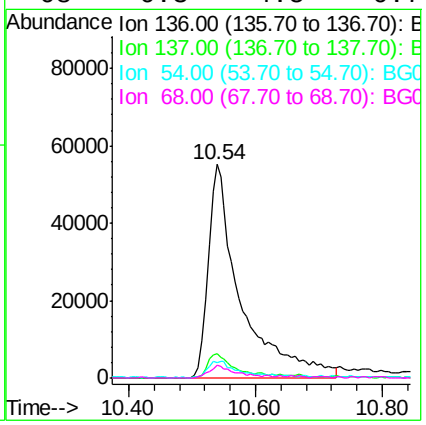


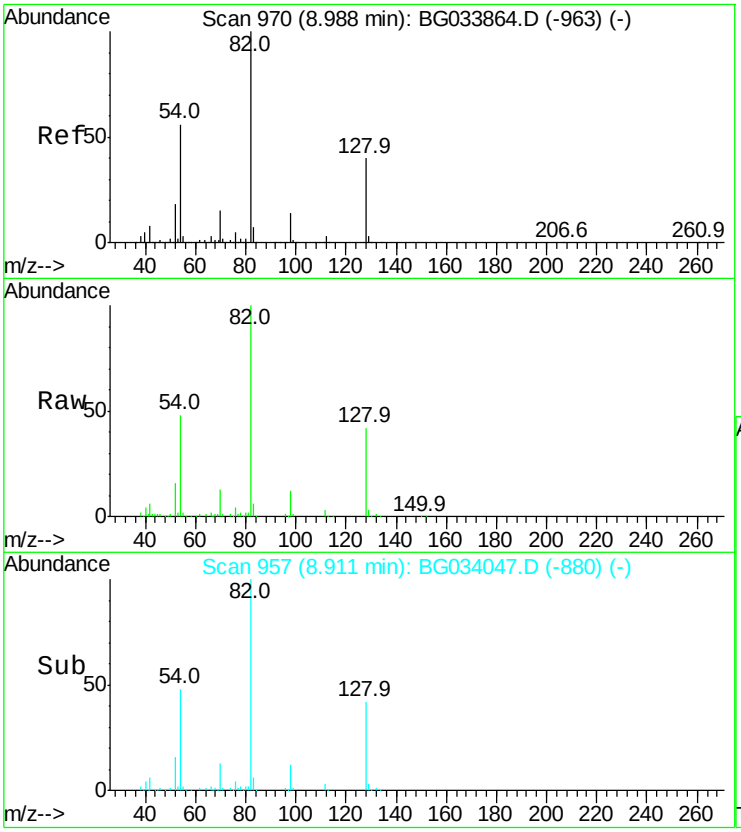


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.09 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Tgt Ion:136 Resp: 196626

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.5	10.3	15.5#
68	6.3	4.5	6.7



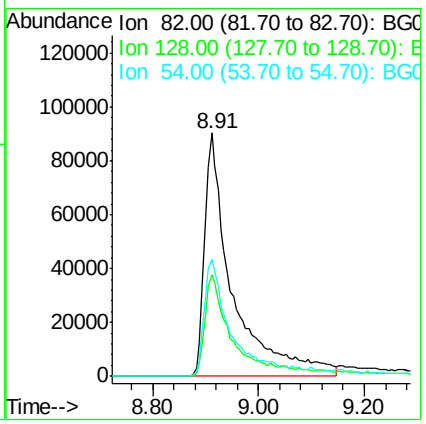


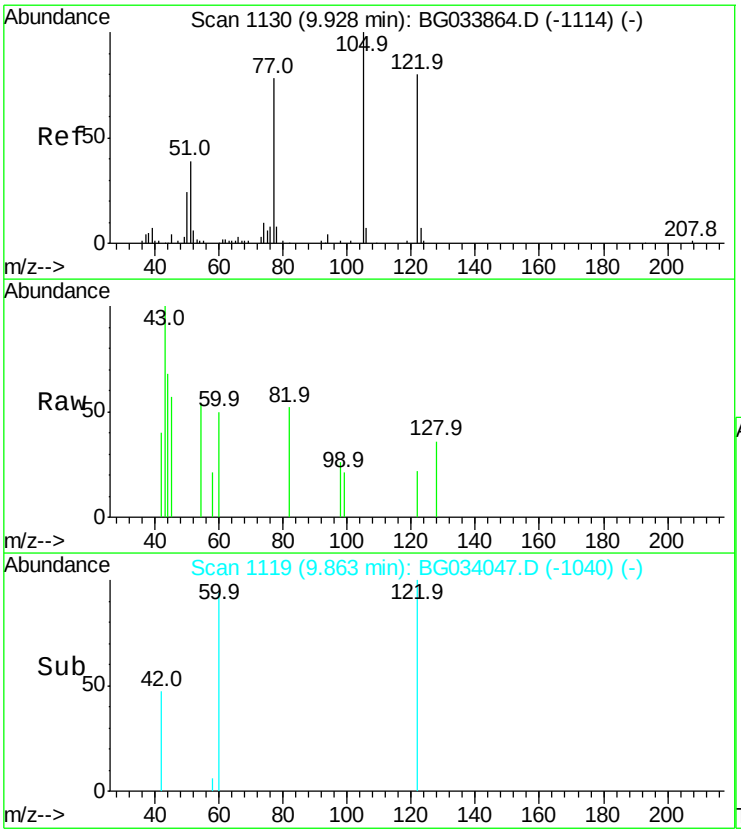
#23
Nitrobenzene-d5
Concen: 95.812 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.08 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 331036

Ion	Ratio	Lower	Upper
82	100		
128	41.5	29.7	44.5
54	48.2	43.1	64.7

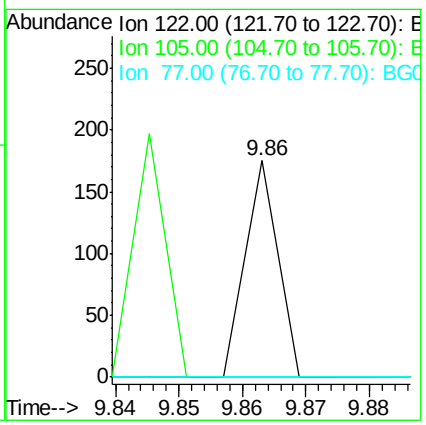


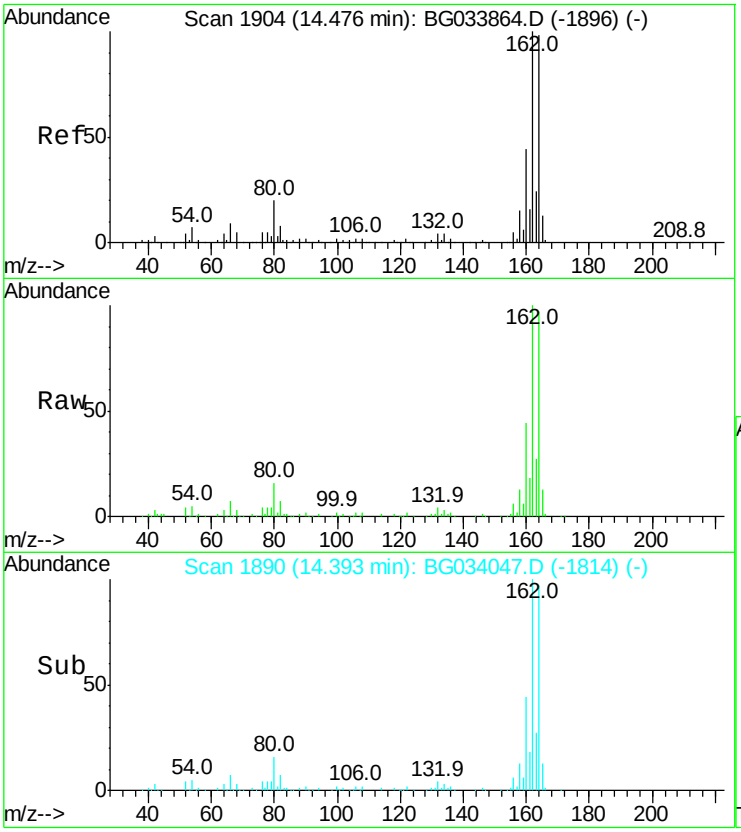


#32
Benzoic acid
Concen: 5.104 ng
RT: 9.86 min Scan# 1119
Delta R.T. -0.07 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



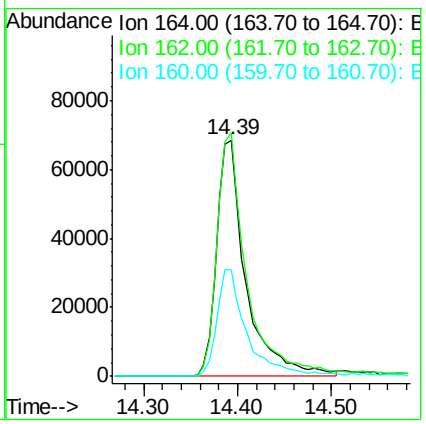


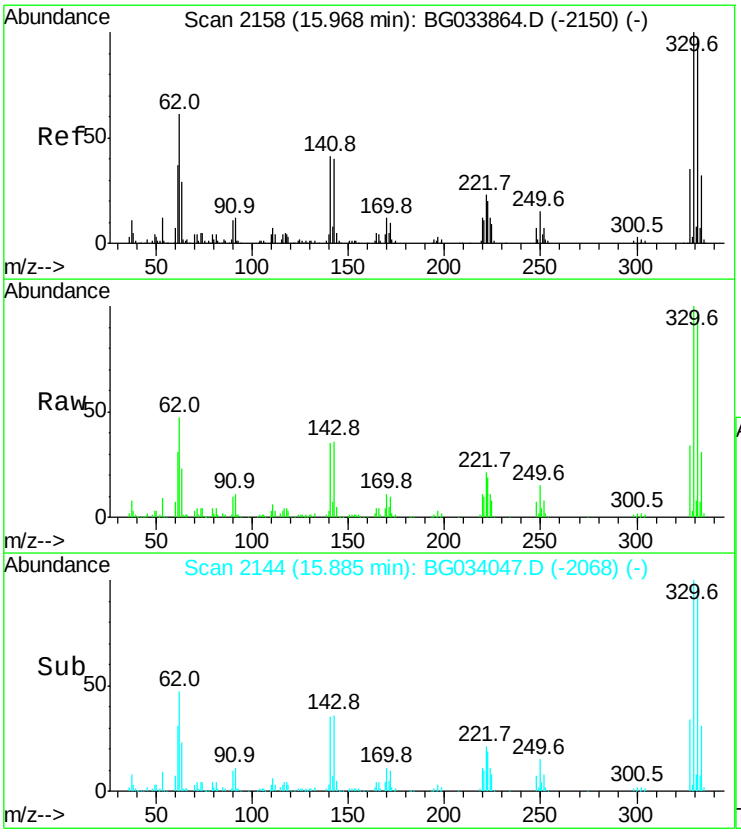
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.08 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 149332

Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	45.3	35.4	53.0

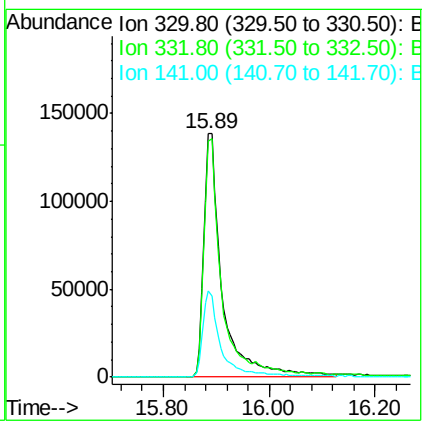


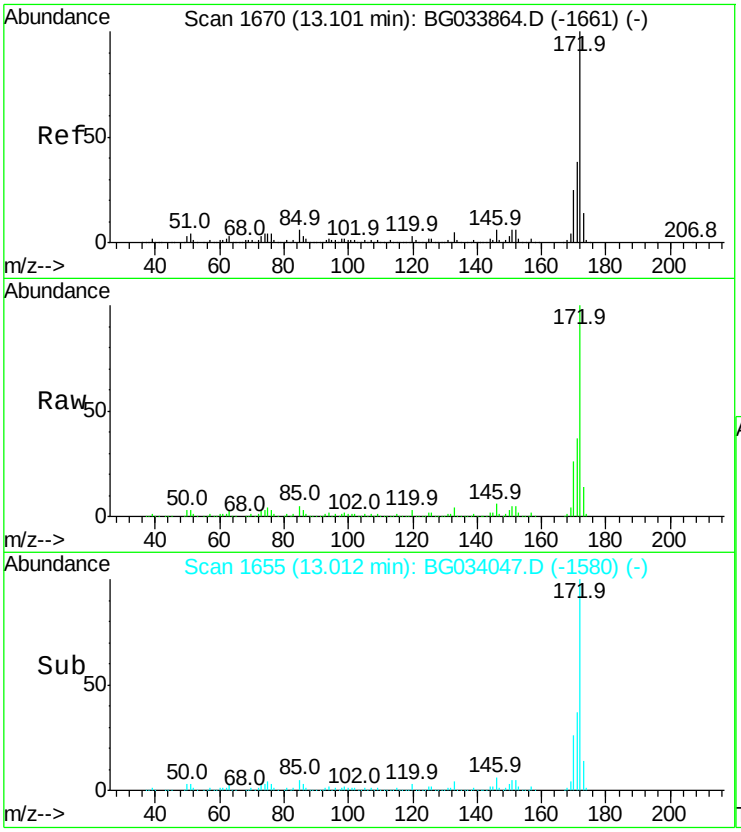


#41
2,4,6-Tribromophenol
Concen: 193.607 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.08 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Tgt Ion:330 Resp: 337301

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	33.6	25.2	37.8



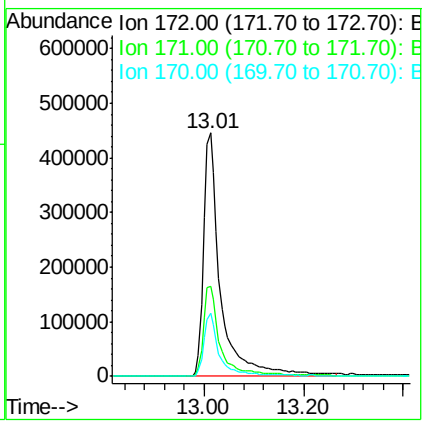


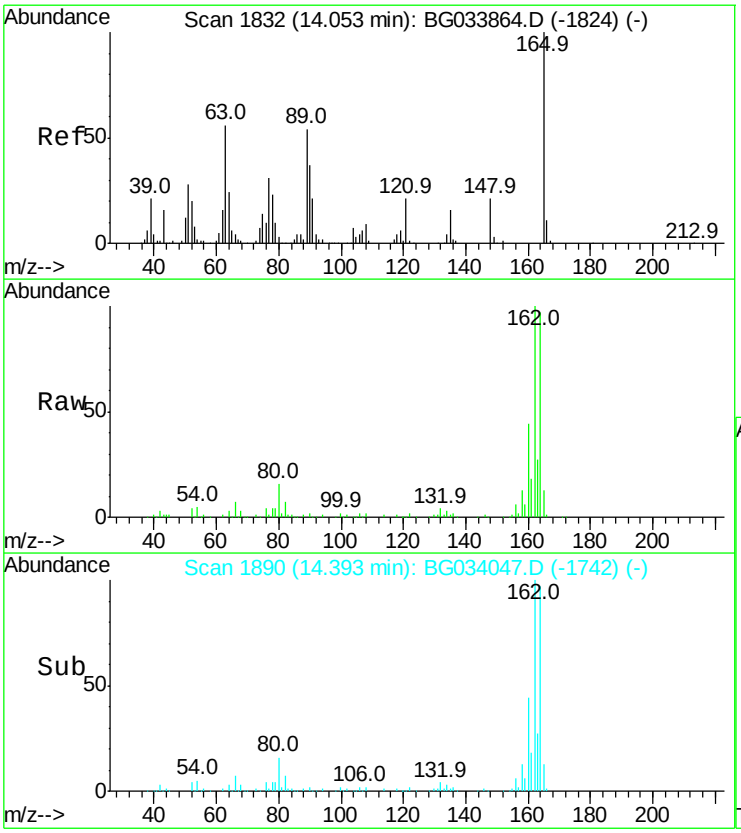
#44
2-Fluorobiphenyl
Concen: 105.043 ng
RT: 13.01 min Scan# 1655
Delta R.T. -0.09 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1067799

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	25.8	19.5	29.3

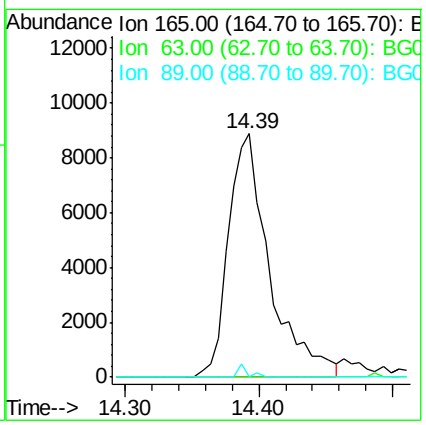


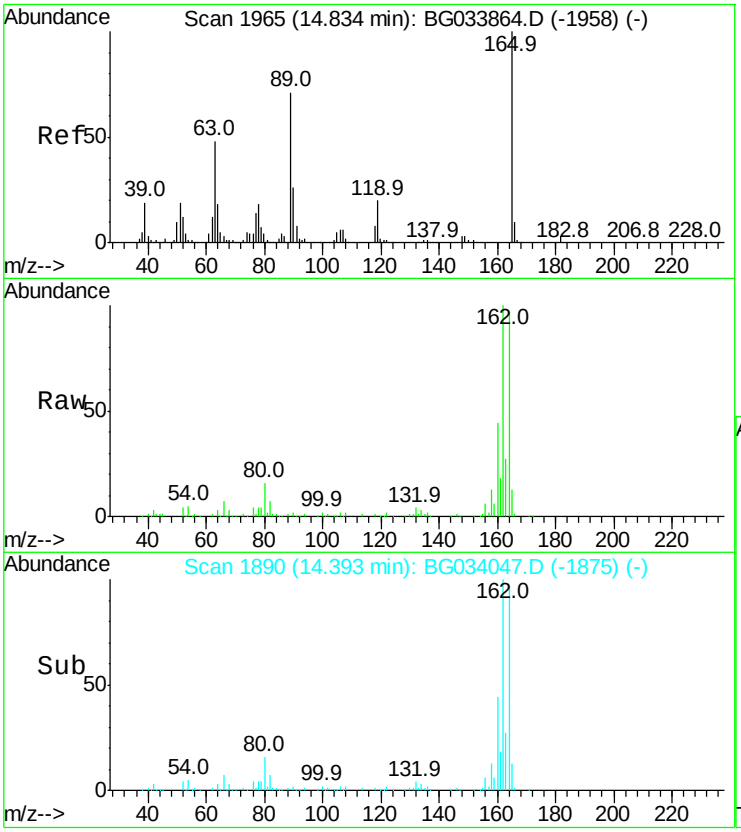


#50
2,6-Dinitrotoluene
Concen: 7.631 ng
RT: 14.39 min Scan# 1890
Delta R.T. 0.34 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Tgt Ion:165 Resp: 18996

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



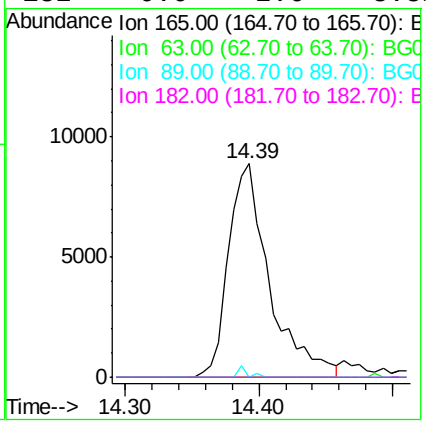


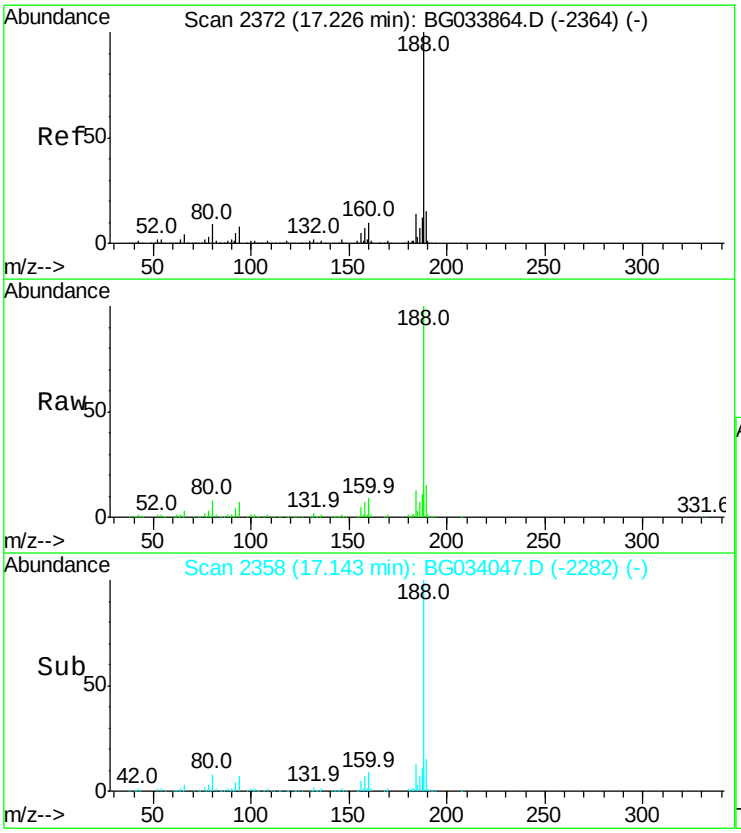
#56
2,4-Dinitrotoluene
Concen: 5.738 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.44 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18996

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#

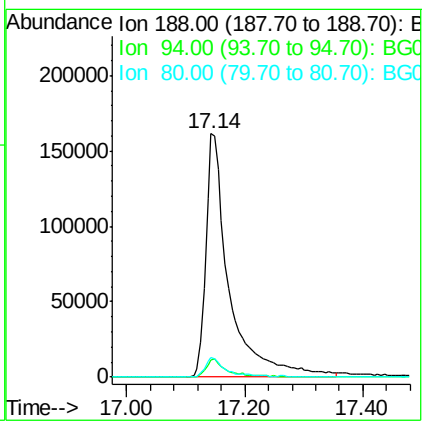


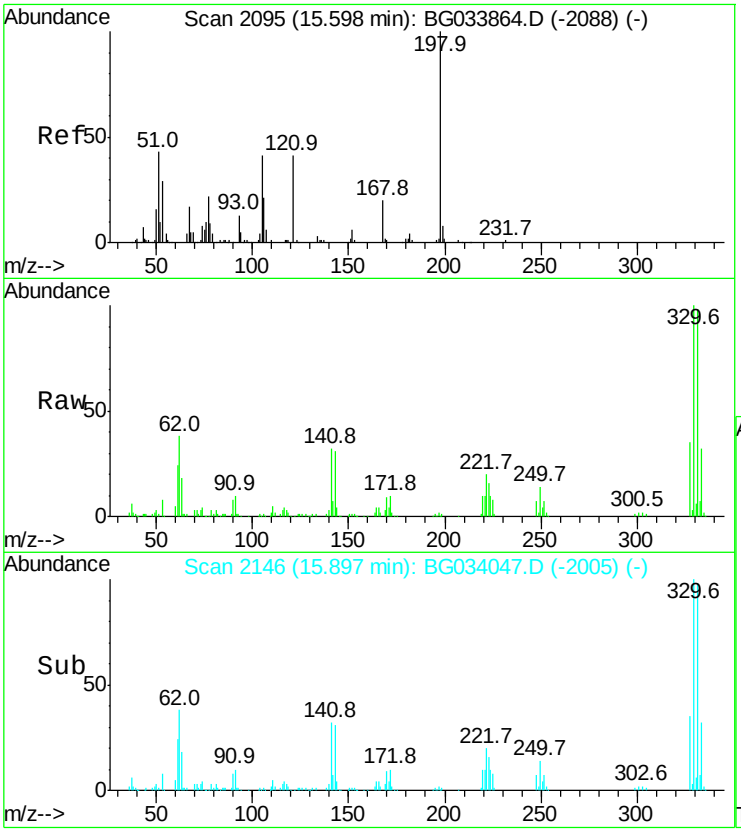


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2358
Delta R.T. -0.08 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Tgt Ion:188 Resp: 445506

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



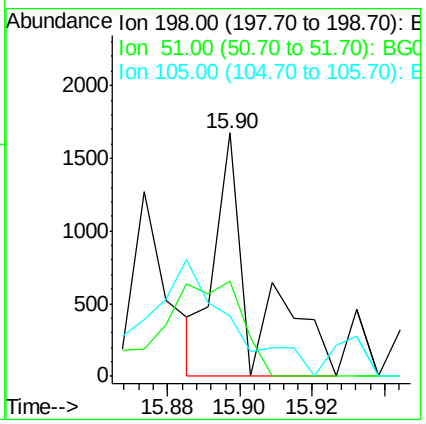


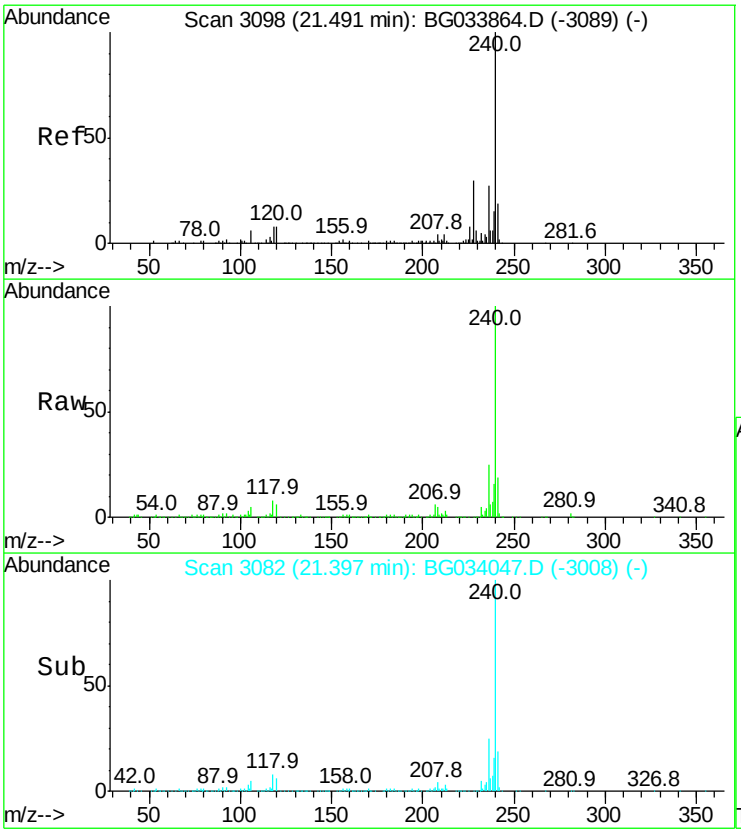
#64
4,6-Dinitro-2-methylphenol
Concen: 7.000 ng
RT: 15.90 min Scan# 2146
Delta R.T. 0.30 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1266

Ion	Ratio	Lower	Upper
198	100		
51	39.0	30.6	70.6
105	24.7	23.8	63.8

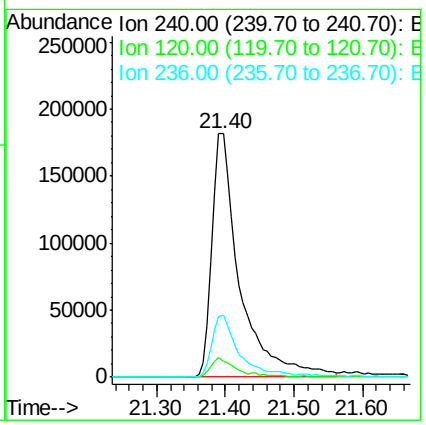


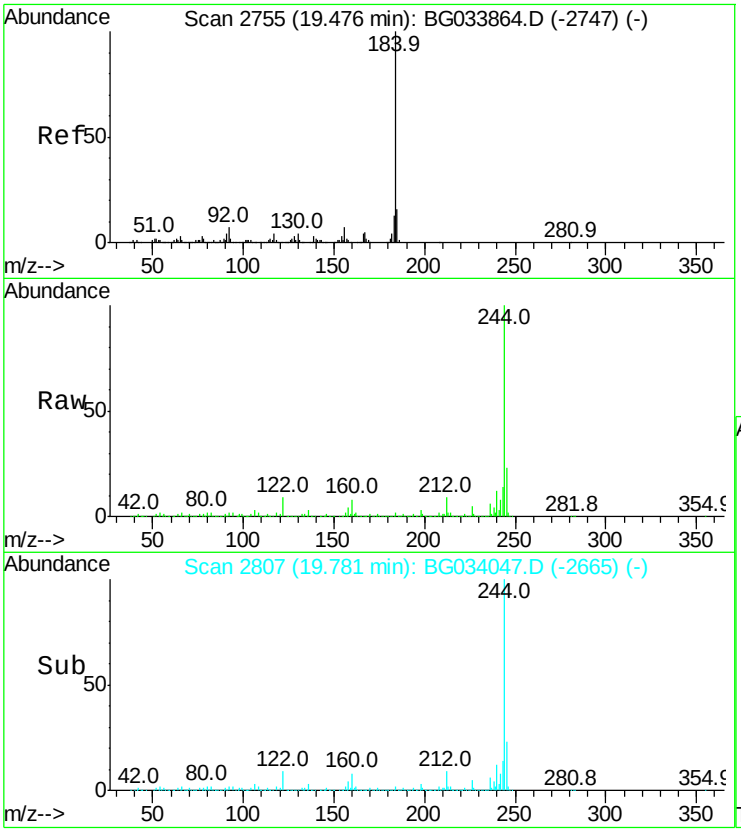


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3082
Delta R.T. -0.09 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Tgt Ion:240 Resp: 508698

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	25.5	20.9	31.3



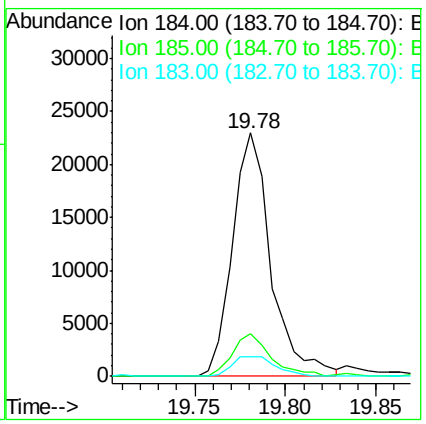


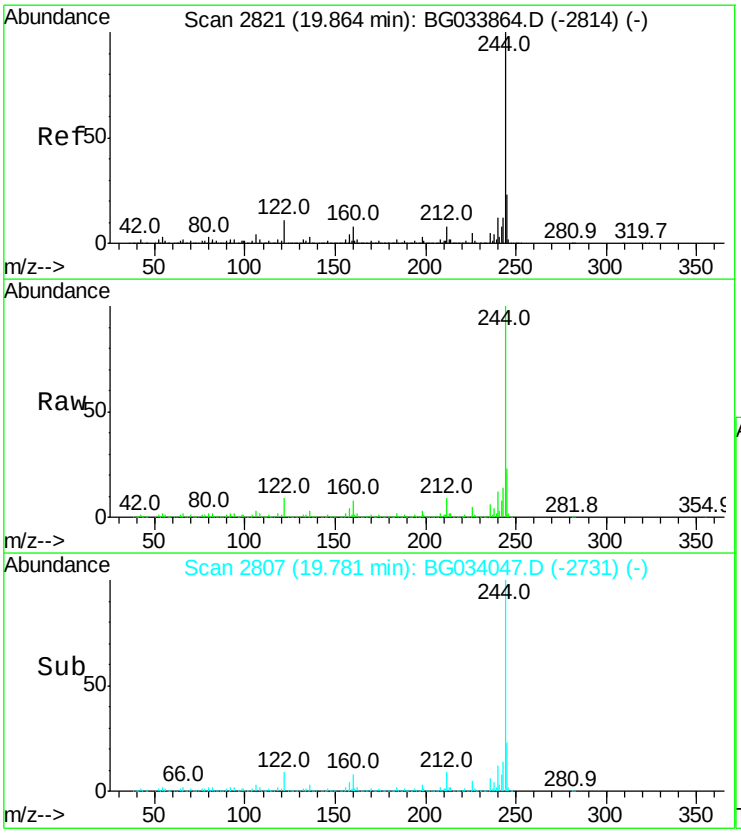
#76
Benzidine
Concen: 2.465 ng
RT: 19.78 min Scan# 2807
Delta R.T. 0.30 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 33855

Ion	Ratio	Lower	Upper
184	100		
185	17.3	11.1	16.7#
183	8.3	10.6	16.0#

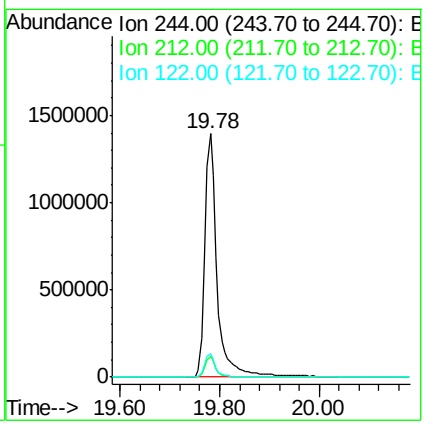


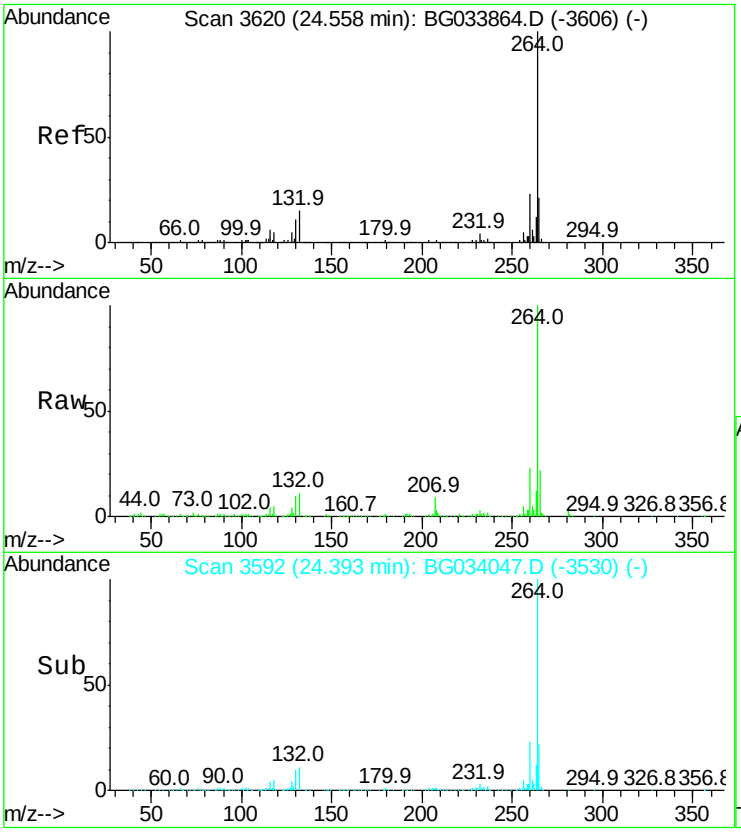


#78
Terphenyl-d14
Concen: 106.834 ng
RT: 19.78 min Scan# 2807
Delta R.T. -0.08 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Tgt Ion:244 Resp: 2419023

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	9.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.39 min Scan# 3592
Delta R.T. -0.17 min
Lab File: BG034047.D
Acq: 27 Apr 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 493734

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.8	17.7	26.5