Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034046.D
Acq On : 27 Apr 2018 19:31
Operator : SJ/JU
Sample : J2161-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 28 00:32:47 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	37176	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	211830	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	165183	20.00	ng	-0.09
63) Phenanthrene-d10	17.14	188	461765	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	537118	20.00	ng	-0.10
86) Perylene-d12	24.39	264	476778	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	390344	167.63	ng	-0.08
7) Phenol-d6	6.94	99	501865	147.77	ng	-0.06
23) Nitrobenzene-d5	8.91	82	364958	98.05	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	364705	189.25	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1144515	101.79	ng	-0.09
78) Terphenyl-d14	19.78	244	2543953	106.41	ng	-0.08
Target Compounds						Qvalue
9) Benzaldehyde	6.94	77	364	Below Cal	#	5
15) Benzyl Alcohol	8.06	79	6710	2.266	ng	# 46
19) n-Nitroso-di-n-propylamine	8.91	70	42756	14.769	ng	# 76
50) 2,6-Dinitrotoluene	14.39	165	21126	7.672	ng	# 20
56) 2,4-Dinitrotoluene	14.39	165	21903	5.982	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.88	198	1021	6.886	ng	# 64
76) Benzidine	19.78	184	36601	2.523	ng	# 90

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

Quantitation Report (Not Reviewed)

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ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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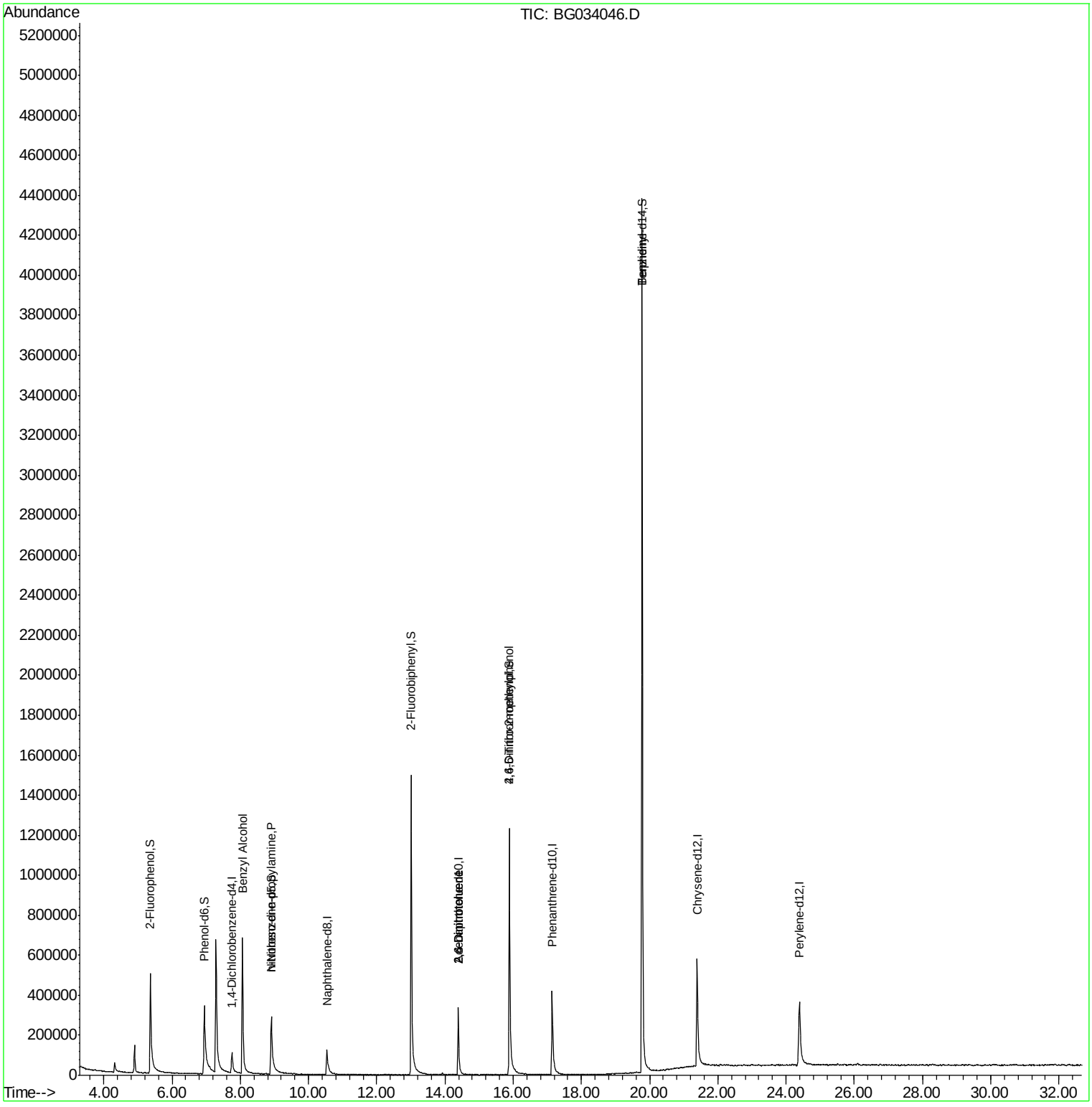
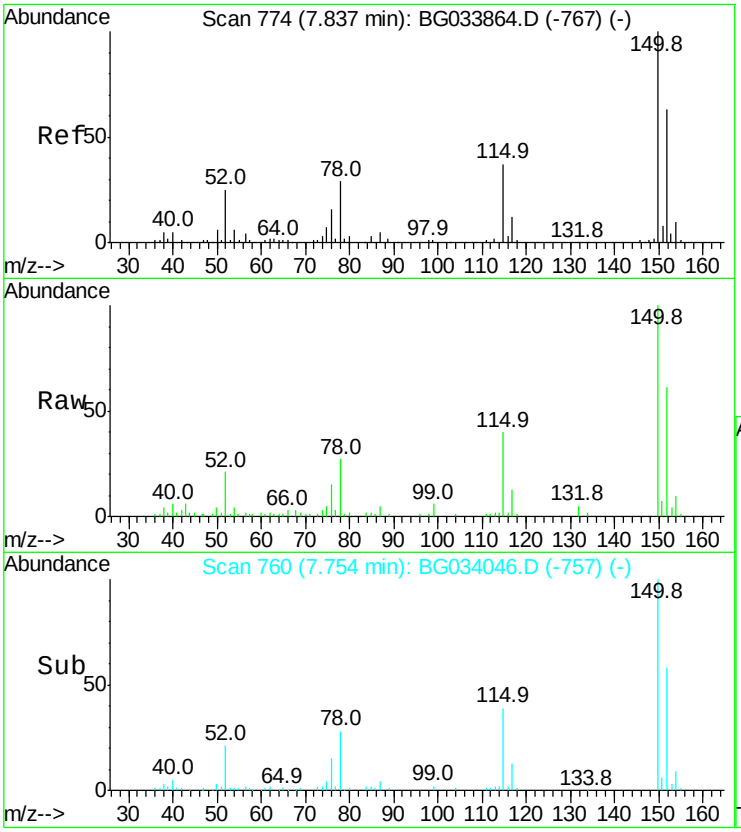
Response via : Initial Calibration



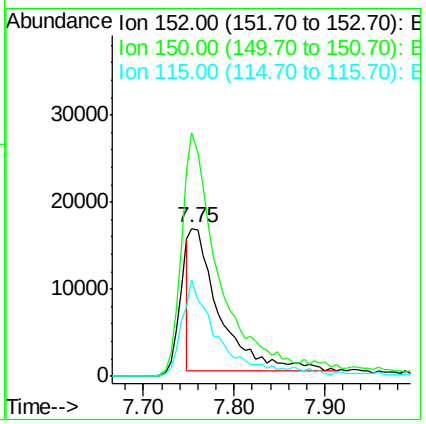


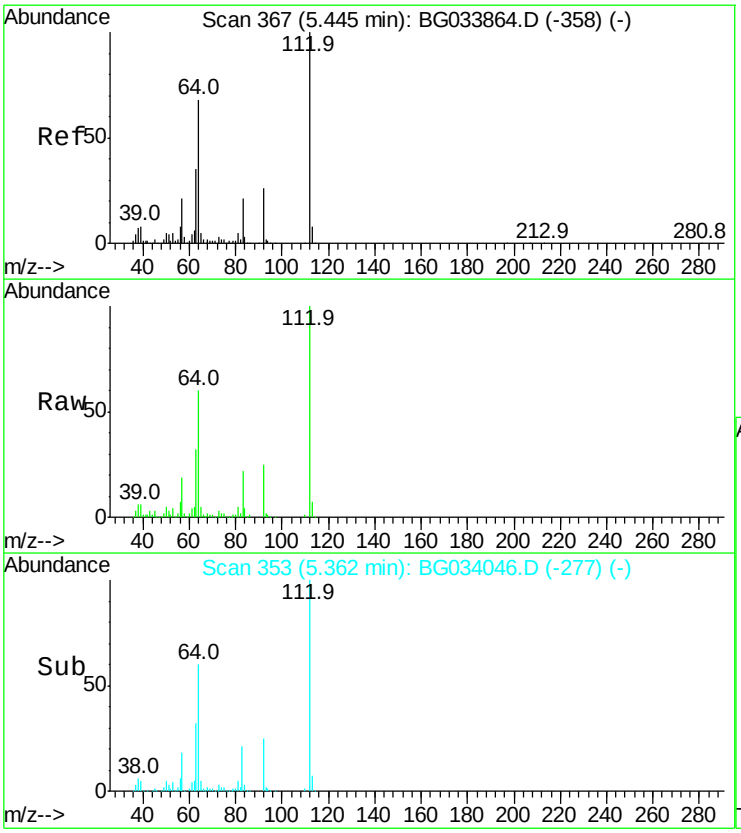
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 760
Delta R.T. -0.08 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37176

Ion	Ratio	Lower	Upper
152	100		
150	164.9	126.6	189.8
115	65.5	53.0	79.4

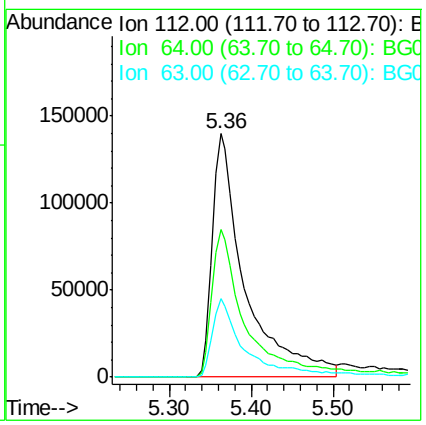


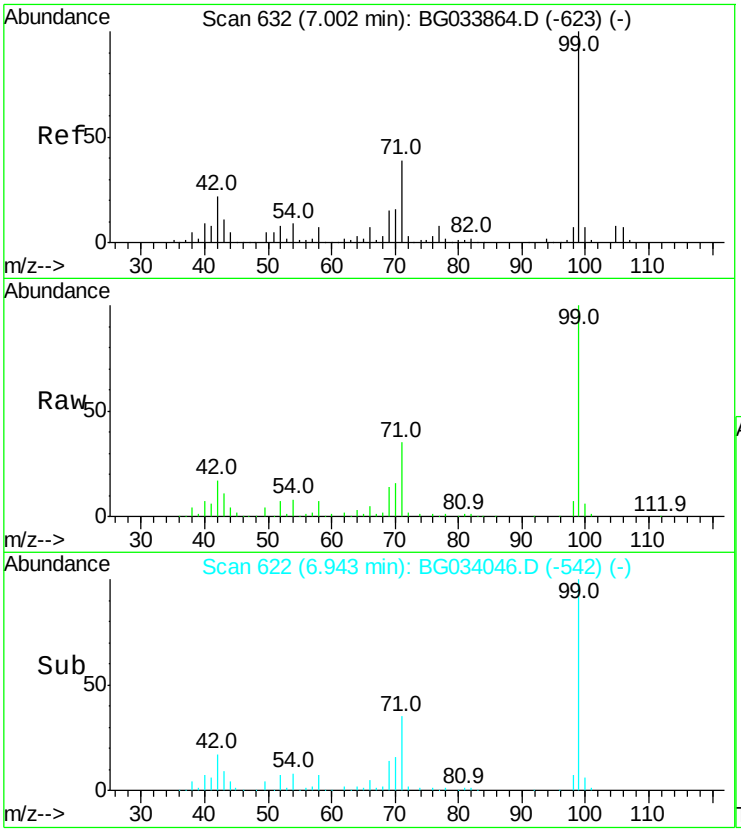


#5
2-Fluorophenol
Concen: 167.634 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Tgt Ion:112 Resp: 390344

Ion	Ratio	Lower	Upper
112	100		
64	60.4	56.3	84.5
63	32.4	30.1	45.1



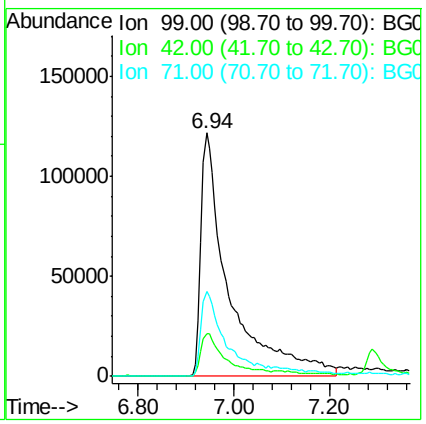


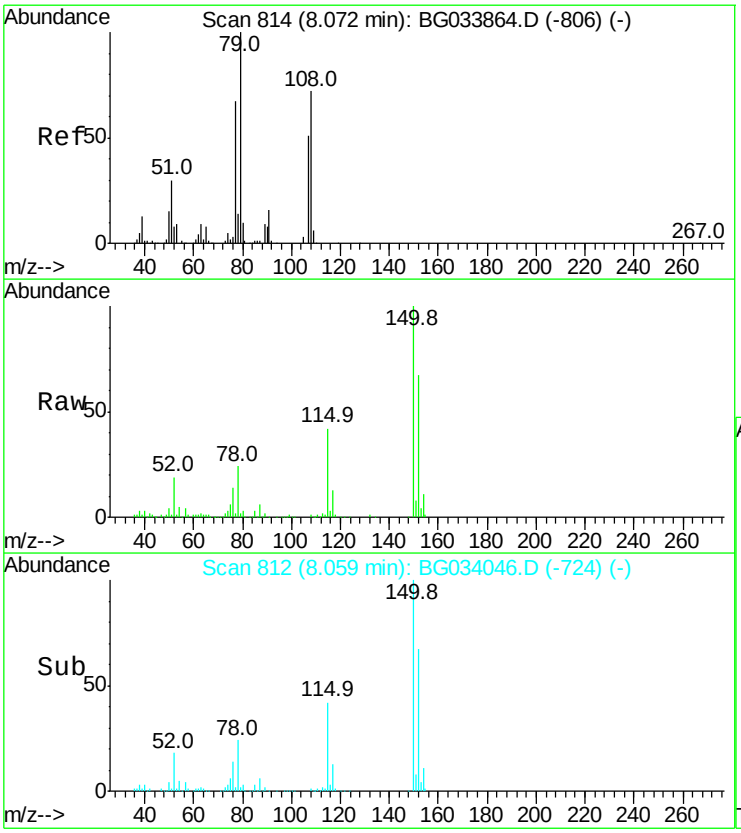
#7
Phenol-d6
Concen: 147.767 ng
RT: 6.94 min Scan# 622
Delta R.T. -0.06 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 501865

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	34.7	26.1	39.1

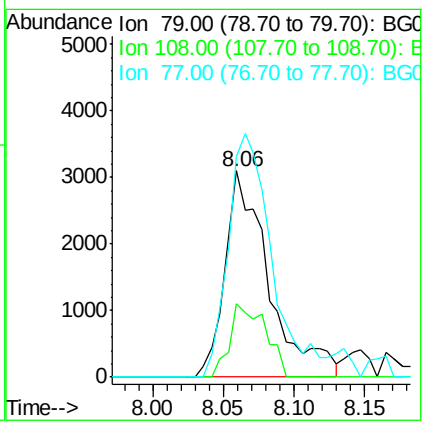


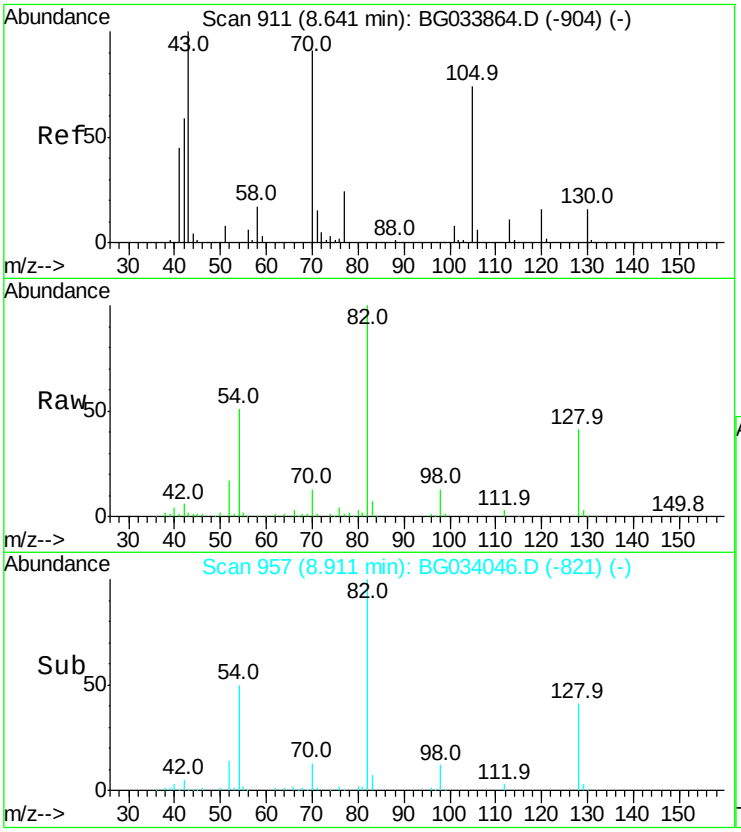


#15
Benzyl Alcohol
Concen: 2.266 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Tgt Ion: 79 Resp: 6710

Ion	Ratio	Lower	Upper
79	100		
108	35.6	57.2	85.8#
77	106.8	46.1	69.1#



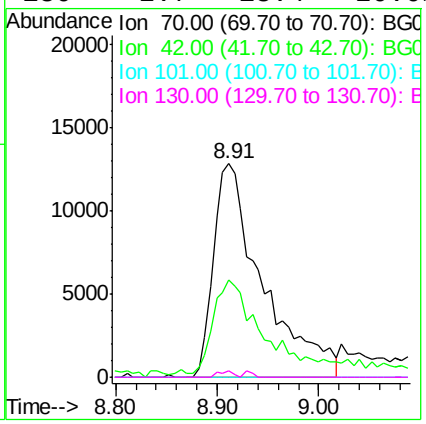


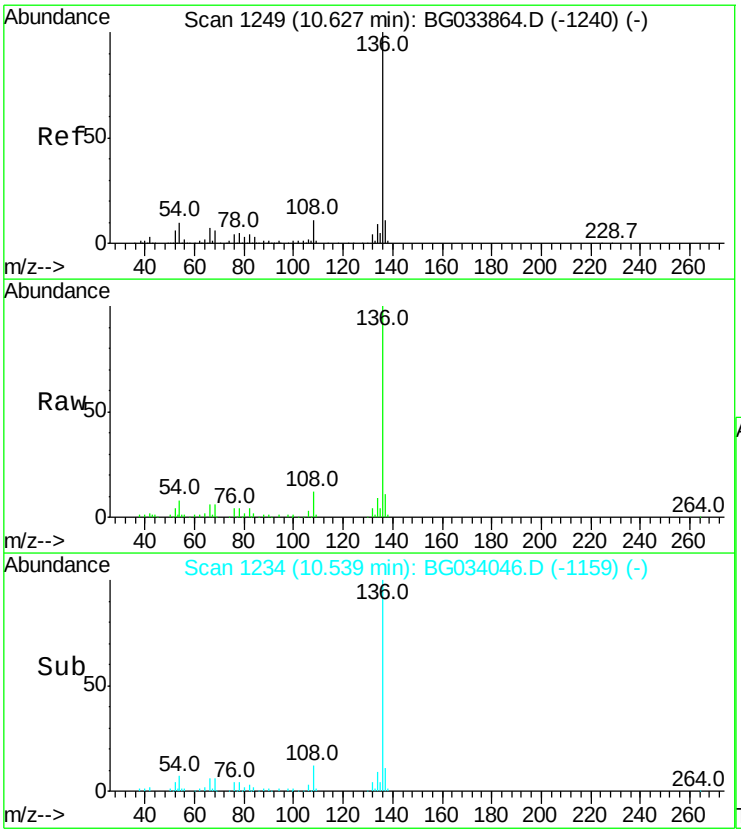
#19
n-Nitroso-di-n-propylamine
Concen: 14.769 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.27 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 42756

Ion	Ratio	Lower	Upper
70	100		
42	45.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.7	13.4	20.0#

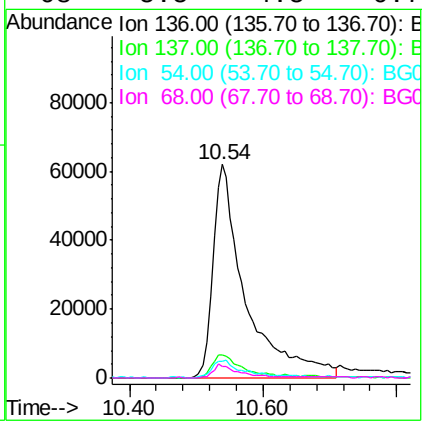


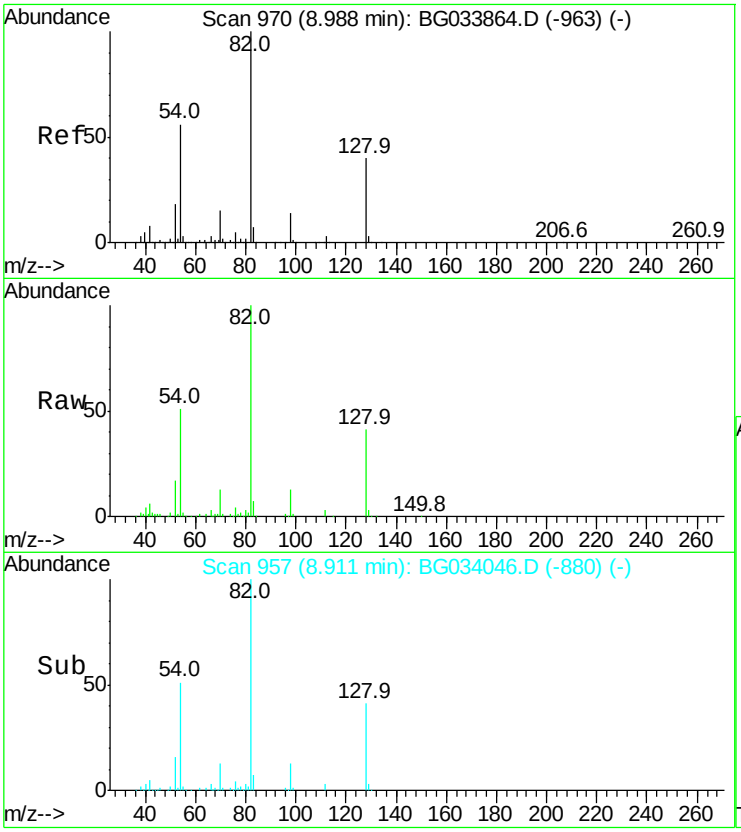


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.09 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Tgt Ion:136 Resp: 211830

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.0	10.3	15.5#
68	5.5	4.5	6.7



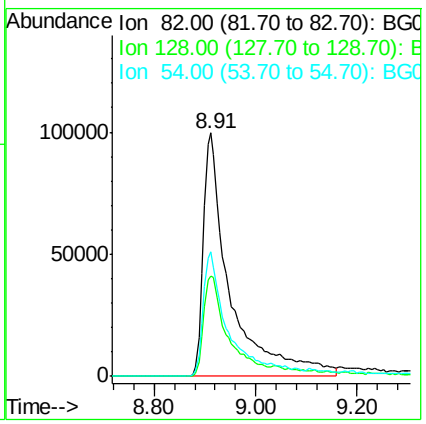


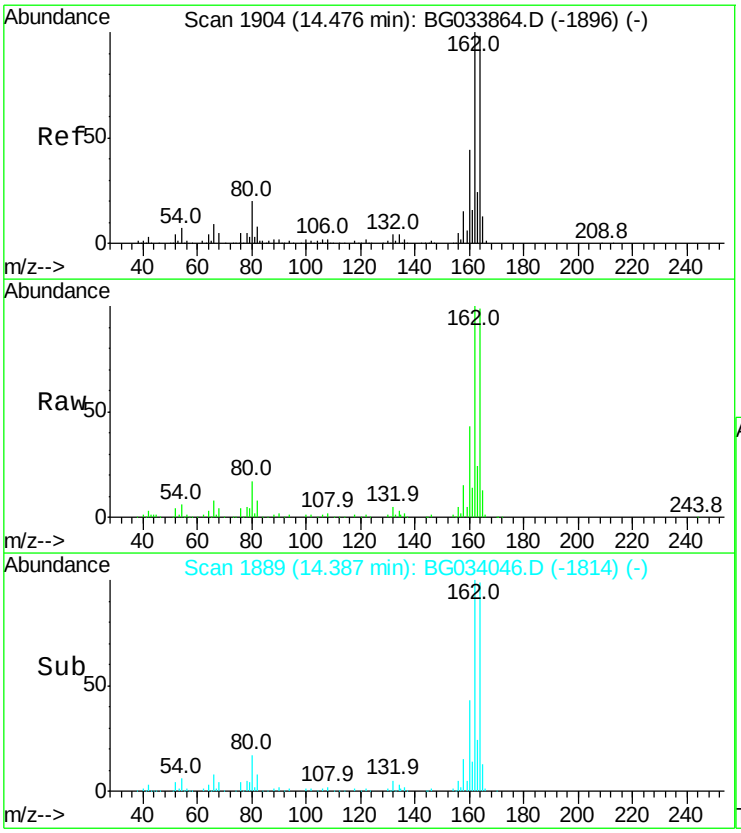
#23
Nitrobenzene-d5
Concen: 98.049 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.08 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 364958

Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.7	44.5
54	51.3	43.1	64.7

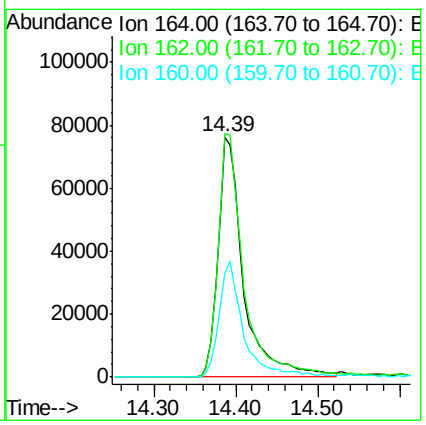


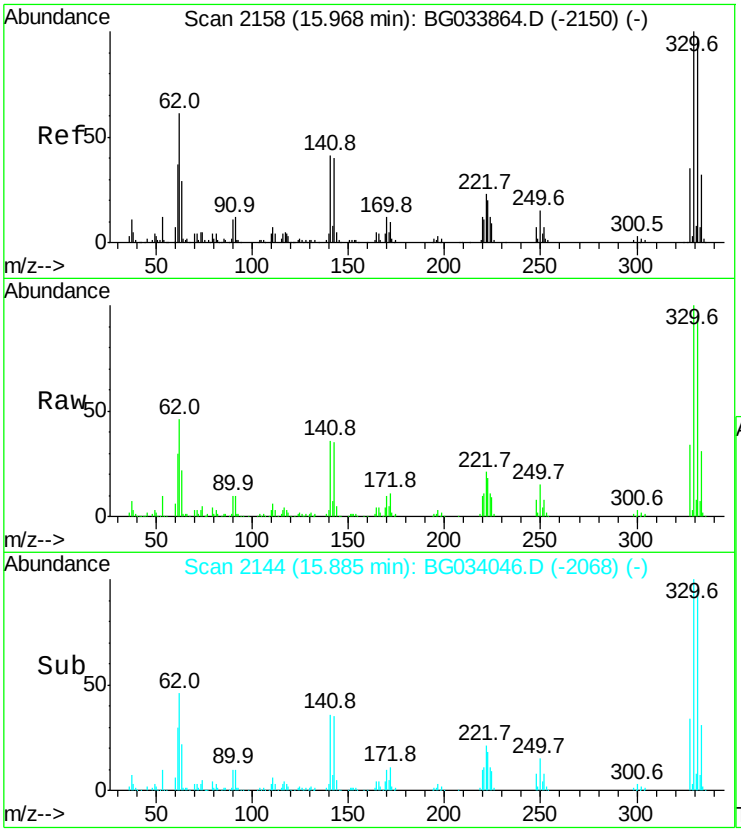


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.09 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Tgt Ion:164 Resp: 165183

Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	43.5	35.4	53.0



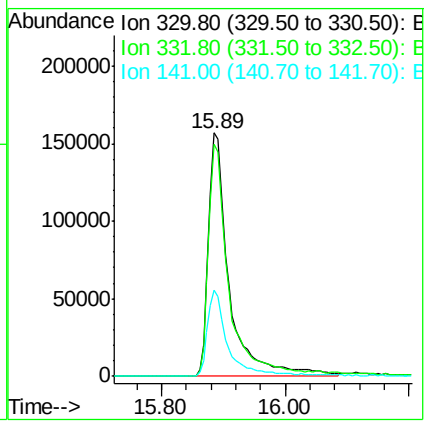


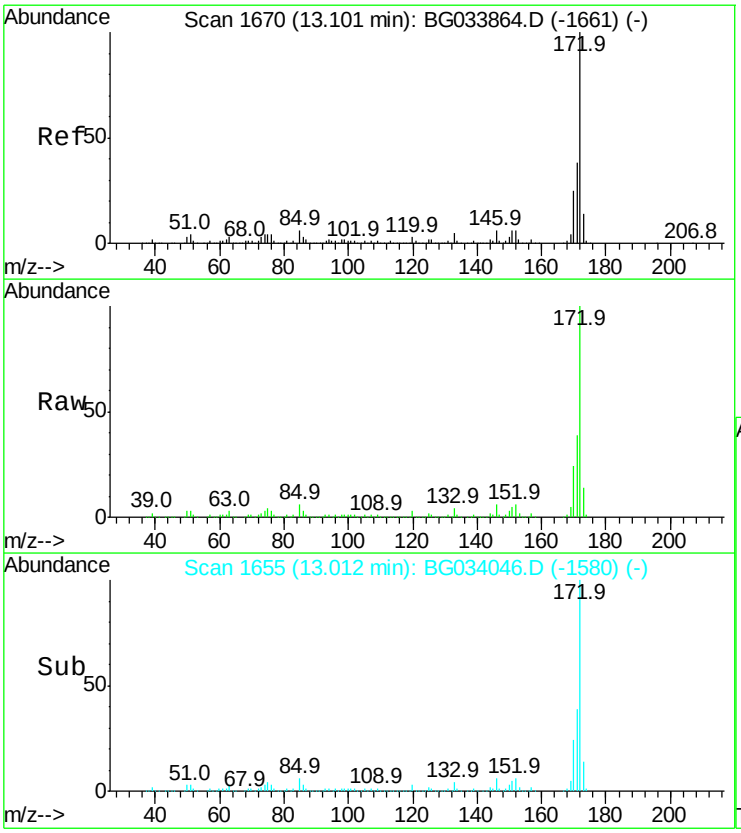
#41
2,4,6-Tribromophenol
Concen: 189.248 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.08 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 364705

Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	33.9	25.2	37.8

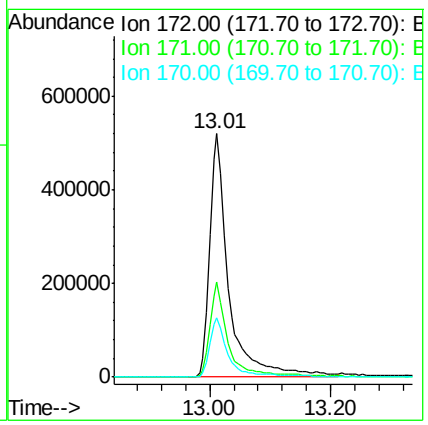


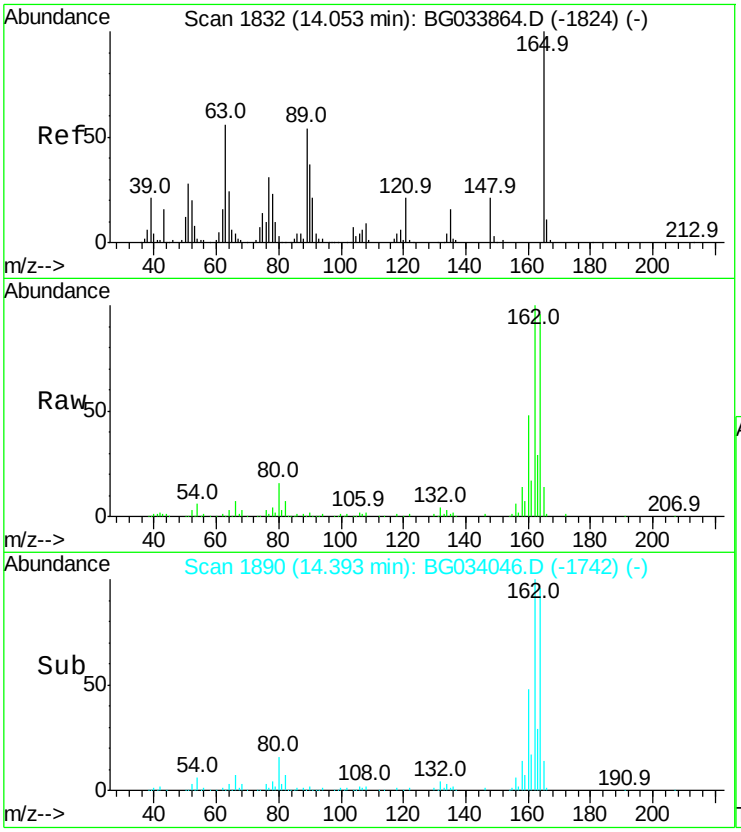


#44
2-Fluorobiphenyl
Concen: 101.785 ng
RT: 13.01 min Scan# 1655
Delta R.T. -0.09 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Tgt Ion:172 Resp: 1144515

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	24.4	19.5	29.3



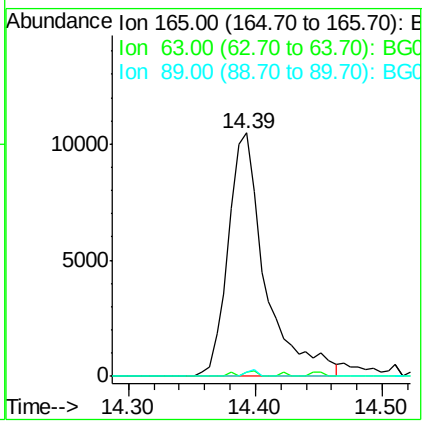


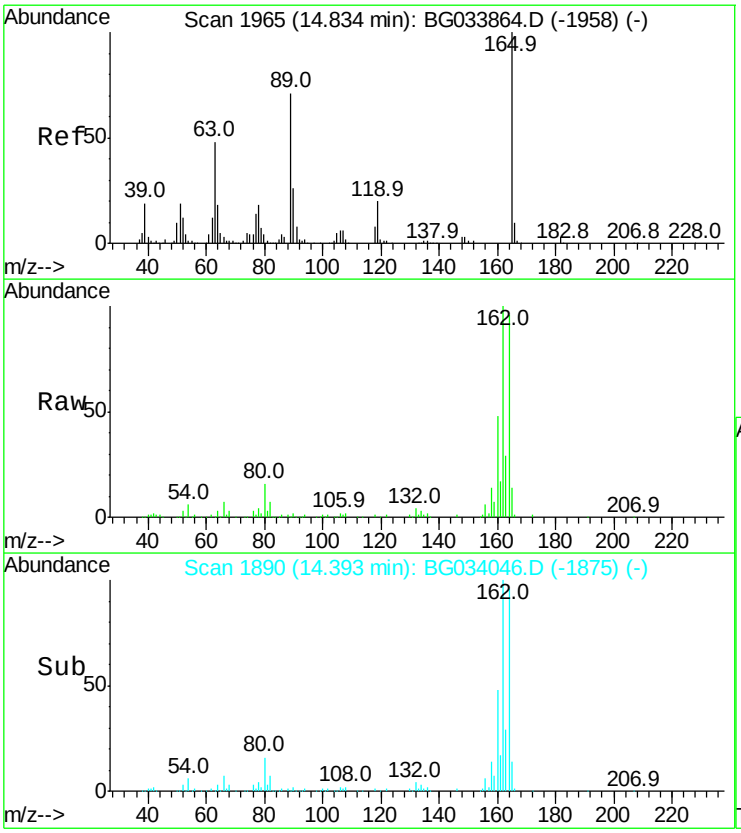
#50
2,6-Dinitrotoluene
Concen: 7.672 ng
RT: 14.39 min Scan# 1890
Delta R.T. 0.34 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21126

Ion	Ratio	Lower	Upper
165	100		
63	1.6	52.7	79.1#
89	1.5	49.2	73.8#

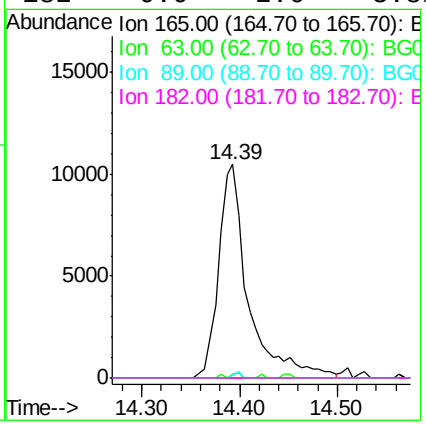


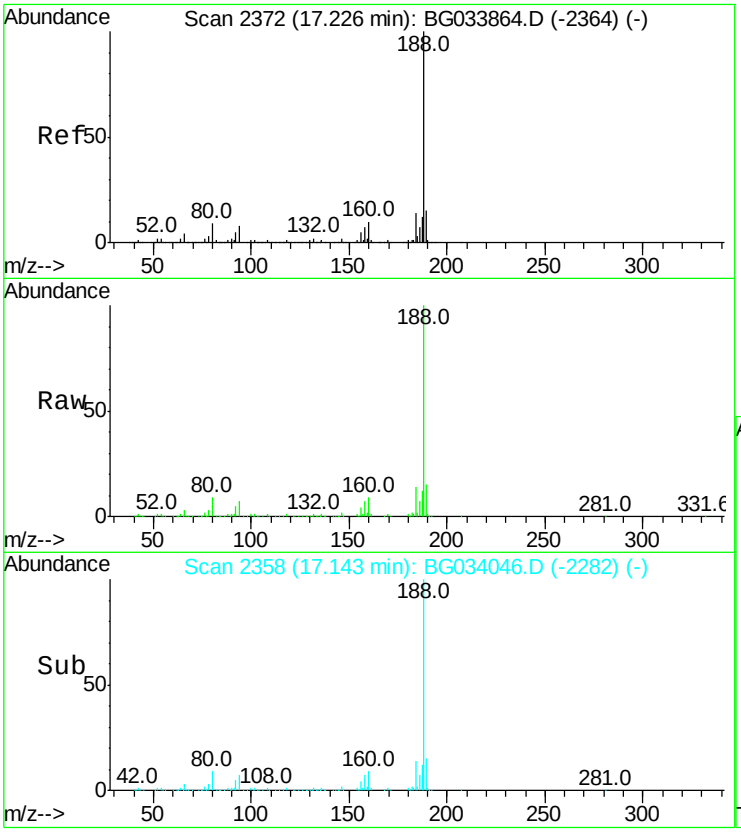


#56
2,4-Dinitrotoluene
Concen: 5.982 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.44 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Tgt Ion:165 Resp: 21903

Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#



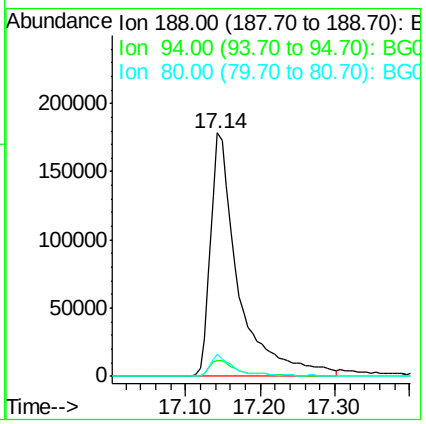


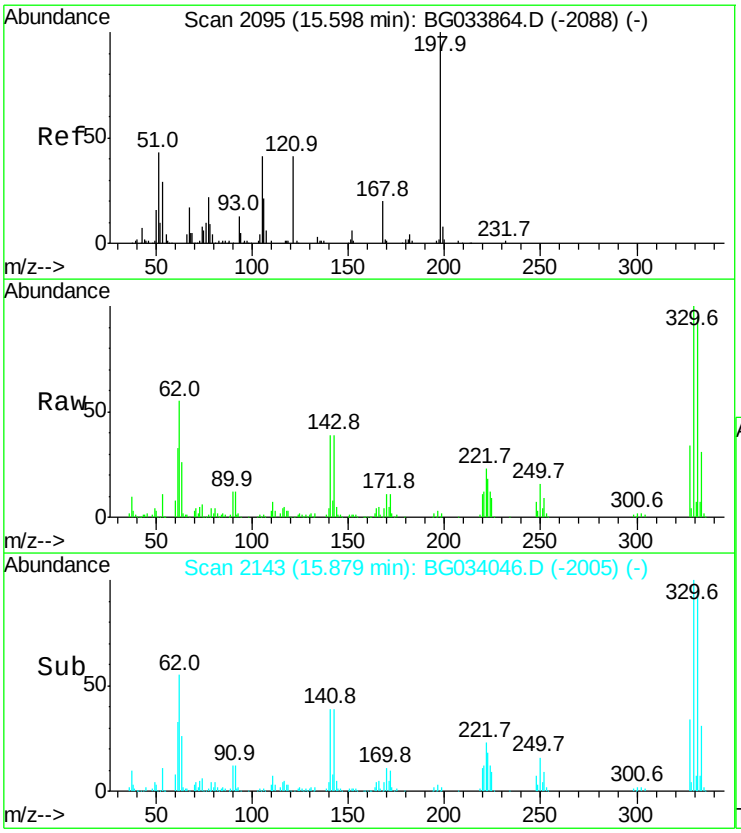
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2358
Delta R.T. -0.08 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 461765

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	8.9	7.7	11.5

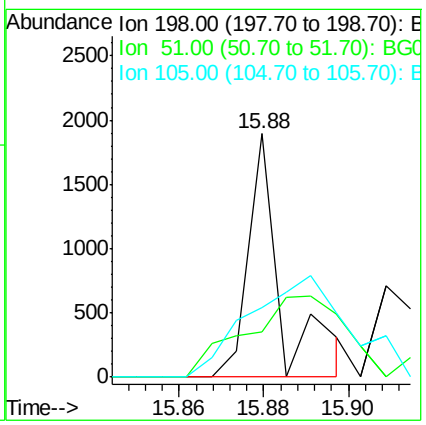


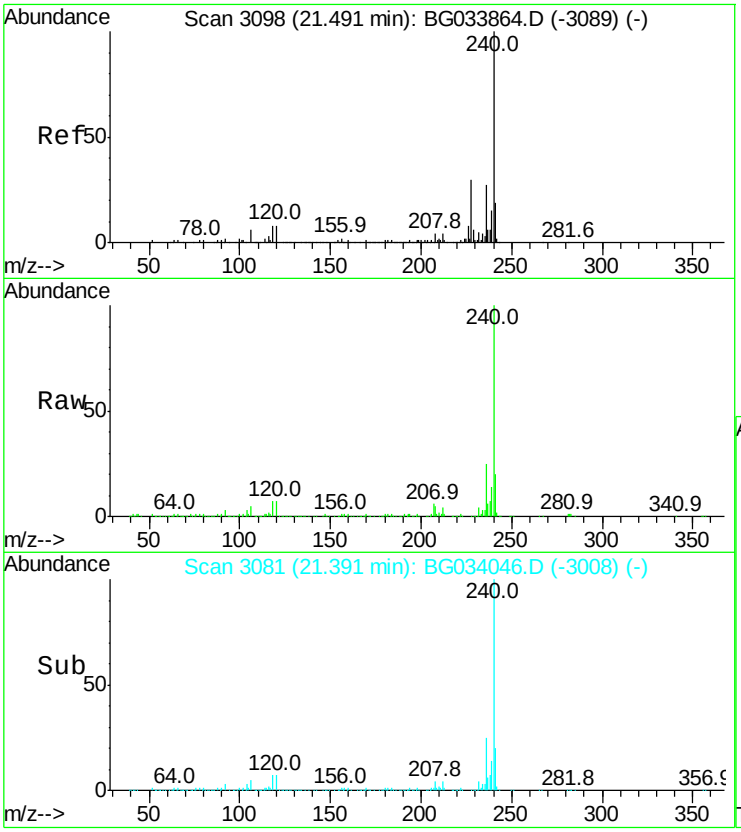


#64
4,6-Dinitro-2-methylphenol
Concen: 6.886 ng
RT: 15.88 min Scan# 2143
Delta R.T. 0.28 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Tgt Ion:198 Resp: 1021

Ion	Ratio	Lower	Upper
198	100		
51	18.5	30.6	70.6#
105	28.5	23.8	63.8



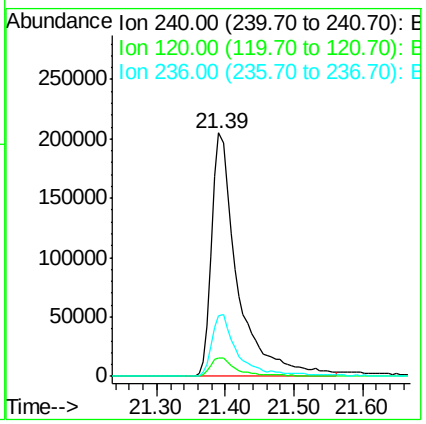


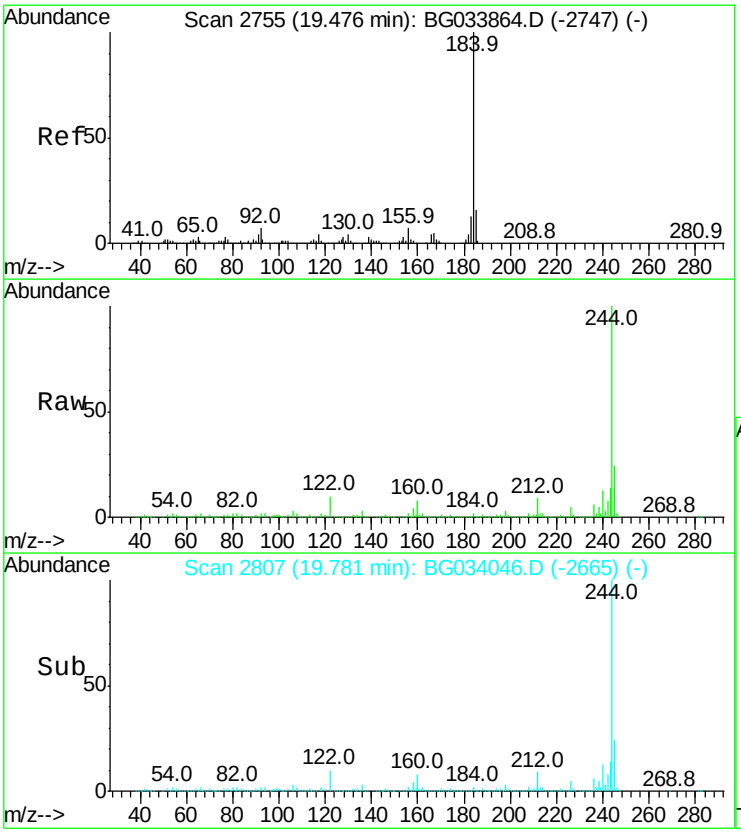
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.10 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 537118

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.8	10.2
236	24.9	20.9	31.3

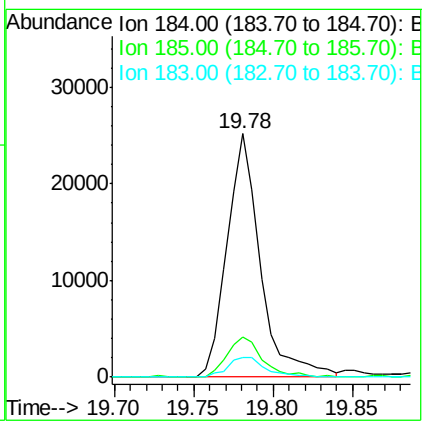


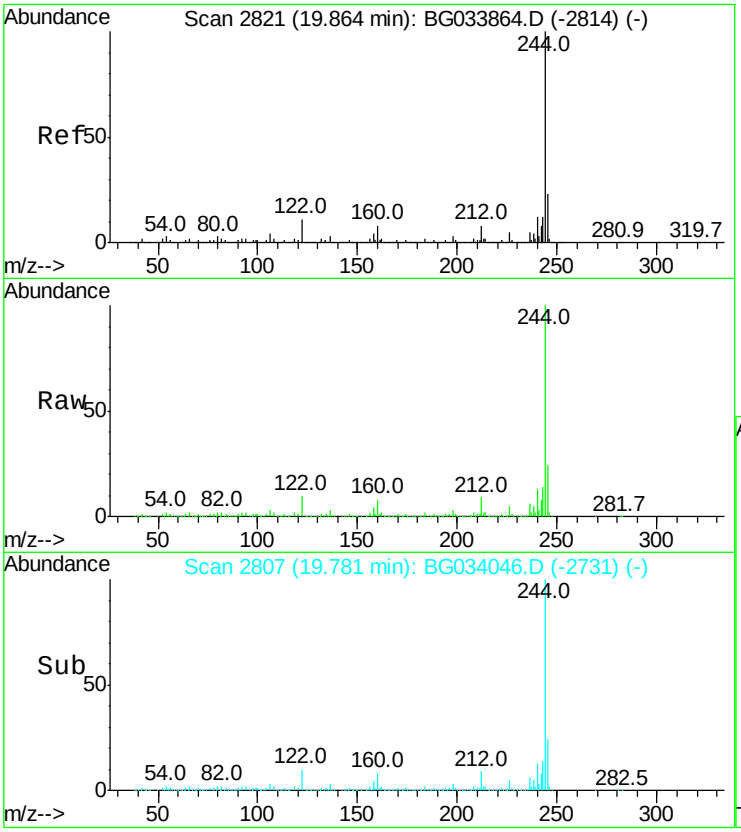


#76
Benzidine
Concen: 2.523 ng
RT: 19.78 min Scan# 2807
Delta R.T. 0.30 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Tgt Ion:184 Resp: 36601

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.1	16.7
183	8.0	10.6	16.0#



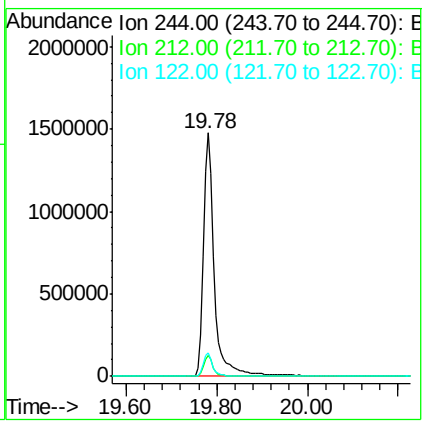


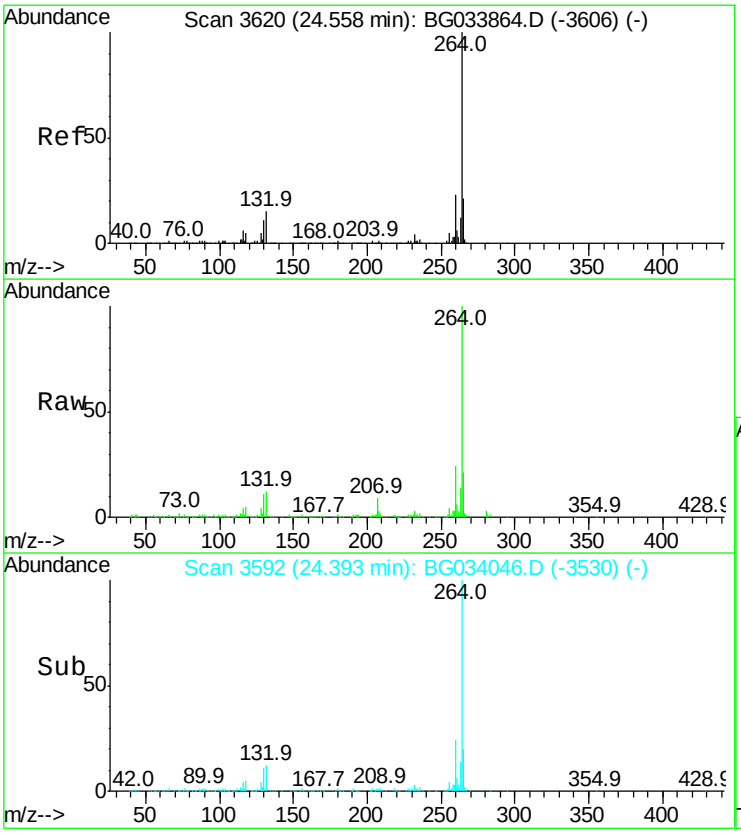
#78
Terphenyl-d14
Concen: 106.406 ng
RT: 19.78 min Scan# 2807
Delta R.T. -0.08 min
Lab File: BG034046.D
Acq: 27 Apr 2018 19:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2543953

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: BG034046.D
Acq: 27 Apr 2018 19:31

Tgt Ion:264 Resp: 476778

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.8	17.7	26.5