Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034044.D
Acq On : 27 Apr 2018 18:15
Operator : SJ/JU
Sample : J2156-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 28 00:31:45 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	7.76	152	34220	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	217991	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	165466	20.00	ng	-0.09
63) Phenanthrene-d10	17.15	188	474366	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	535849	20.00	ng	-0.10
86) Perylene-d12	24.39	264	510199	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	392469	183.11	ng	-0.08
7) Phenol-d6	6.95	99	505930	161.83	ng	-0.05
23) Nitrobenzene-d5	8.91	82	327014	85.37	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	362127	187.59	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1116653	99.14	ng	-0.09
78) Terphenyl-d14	19.78	244	2480406	103.99	ng	-0.08
Target Compounds						Qvalue
9) Benzaldehyde	6.94	77	566	Below Cal	#	5
15) Benzyl Alcohol	8.06	79	6166	2.262	ng	# 35
19) n-Nitroso-di-n-propylamine	8.91	70	38586	14.480	ng	# 82
50) 2,6-Dinitrotoluene	14.39	165	20722	7.512	ng	# 22
56) 2,4-Dinitrotoluene	14.39	165	20856	5.686	ng	# 19
64) 4,6-Dinitro-2-methylphenol	15.90	198	1313	6.986	ng	# 63
76) Benzidine	19.78	184	35277	2.438	ng	# 93

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

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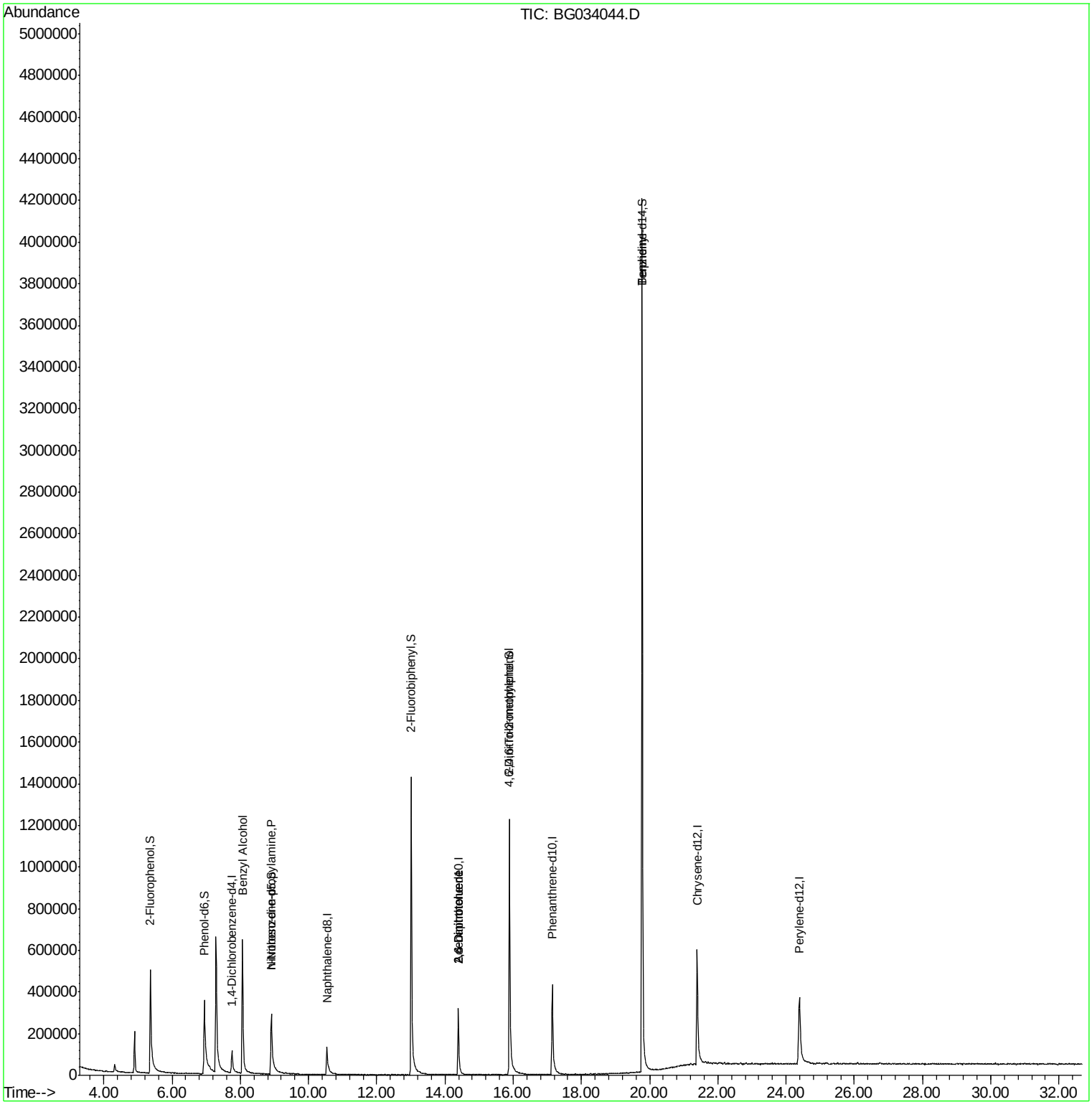
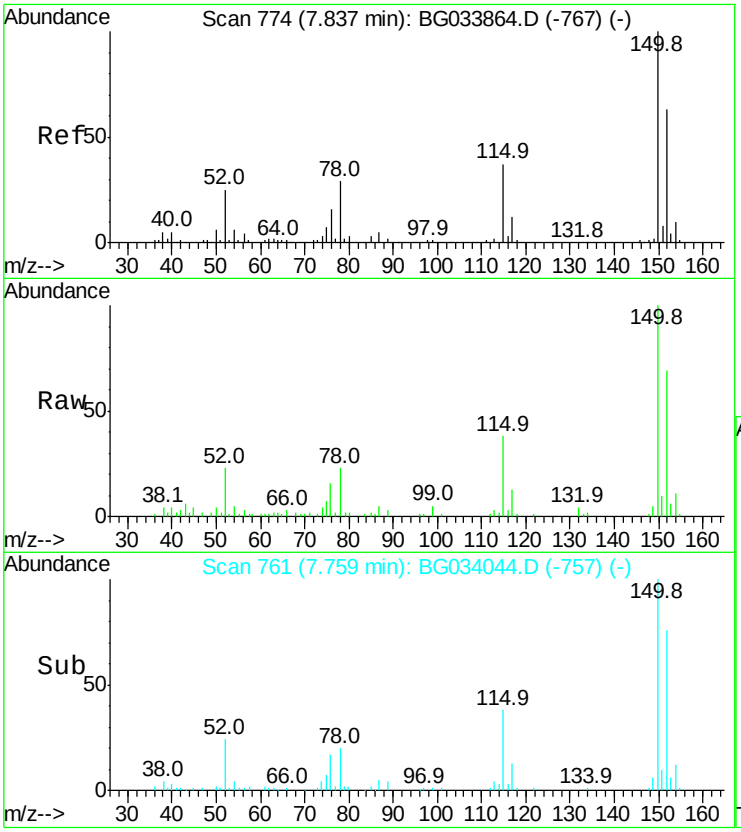


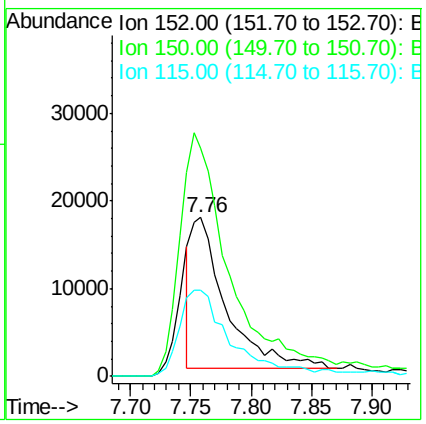


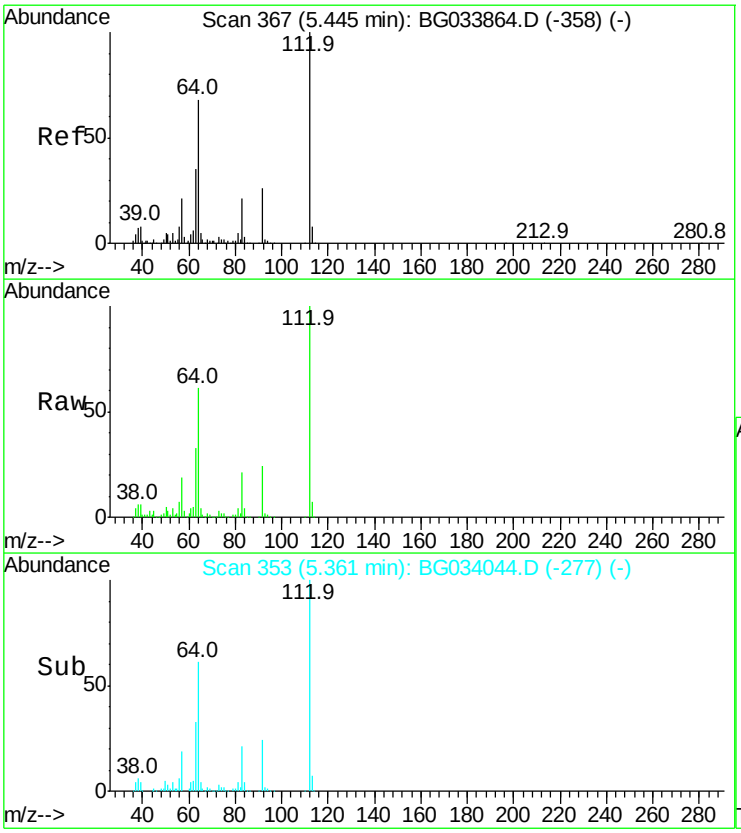
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 761
Delta R.T. -0.08 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 34220

Ion	Ratio	Lower	Upper
152	100		
150	143.9	126.6	189.8
115	54.6	53.0	79.4

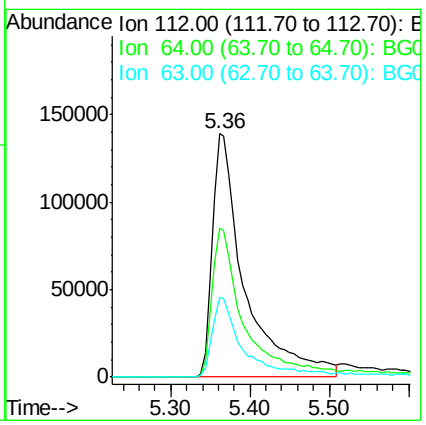


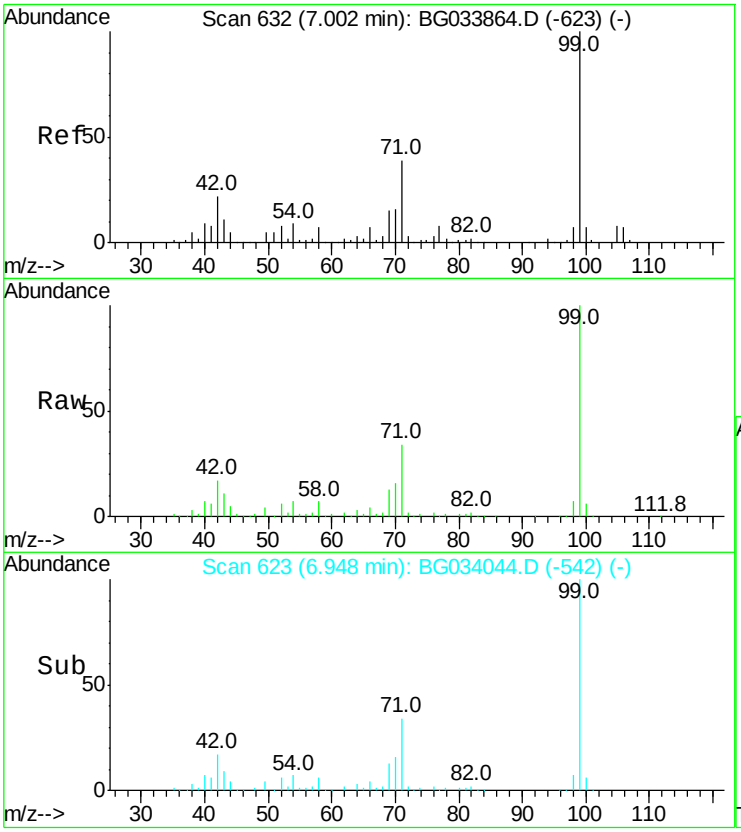


#5
2-Fluorophenol
Concen: 183.106 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Tgt Ion:112 Resp: 392469

Ion	Ratio	Lower	Upper
112	100		
64	61.4	56.3	84.5
63	32.9	30.1	45.1



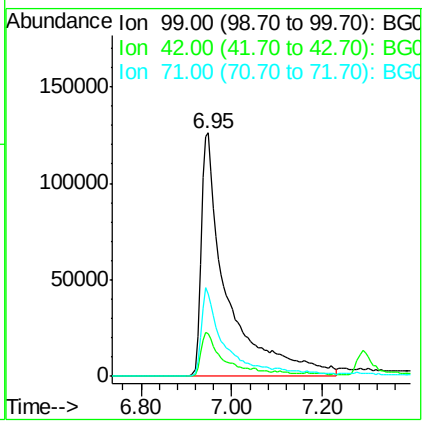


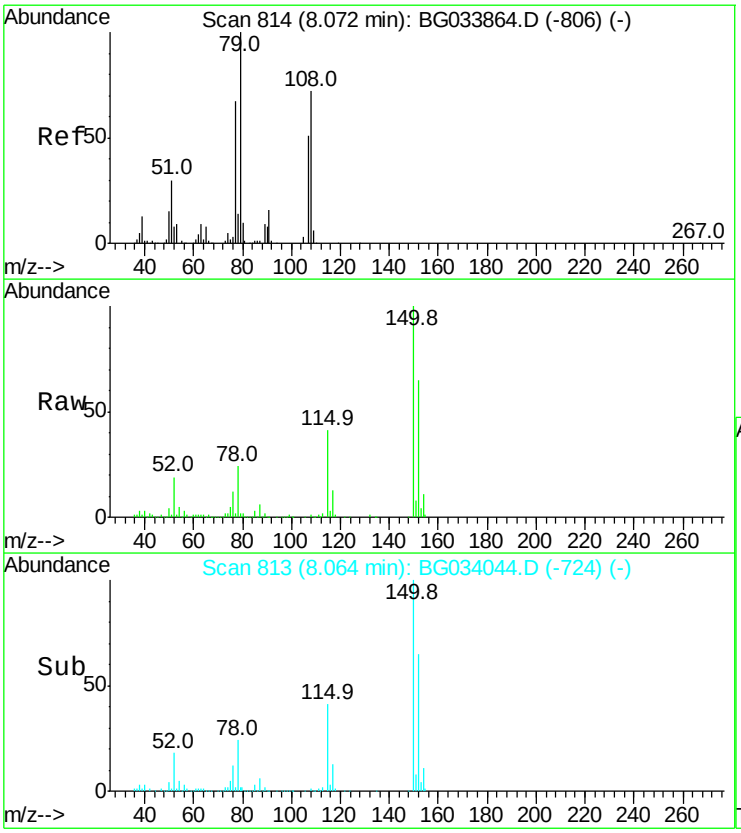
#7
Phenol-d6
Concen: 161.832 ng
RT: 6.95 min Scan# 623
Delta R.T. -0.05 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 505930

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	34.0	26.1	39.1

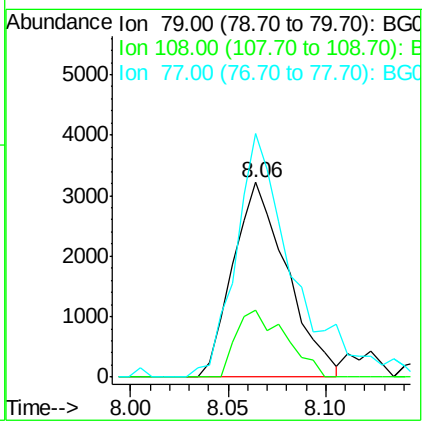


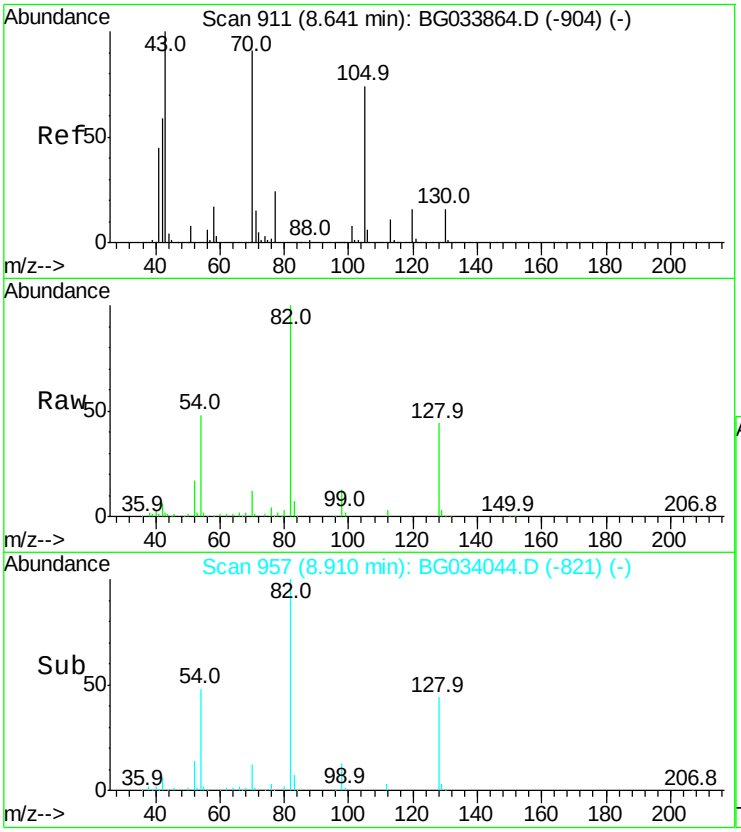


#15
Benzyl Alcohol
Concen: 2.262 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Tgt Ion: 79 Resp: 6166

Ion	Ratio	Lower	Upper
79	100		
108	34.6	57.2	85.8#
77	125.1	46.1	69.1#



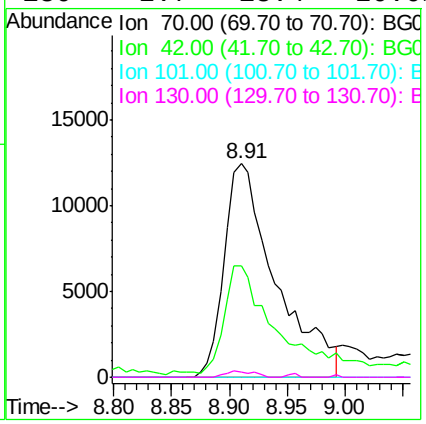


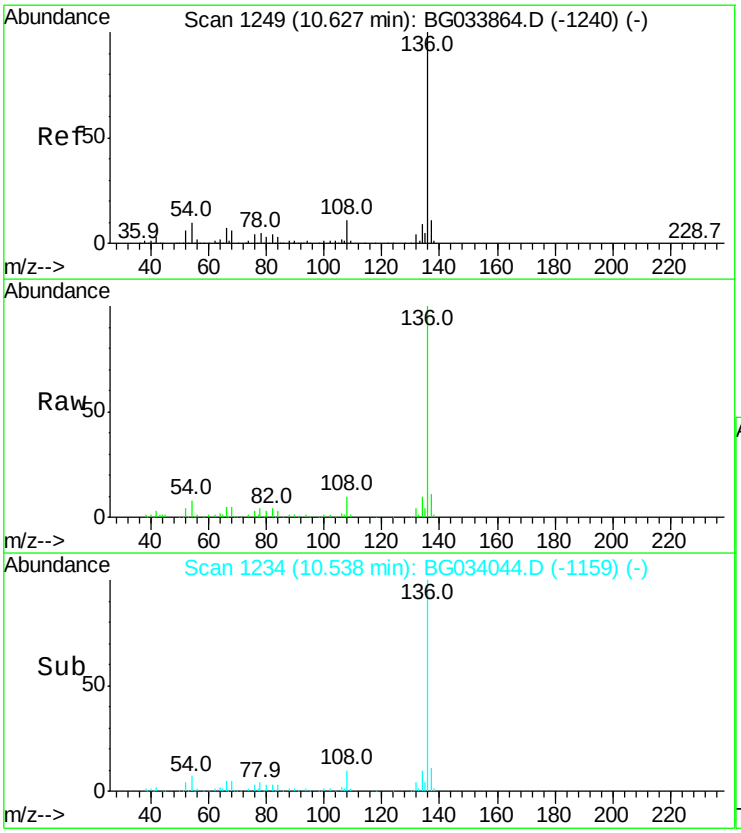
#19
n-Nitroso-di-n-propylamine
Concen: 14.480 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.27 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 38586

Ion	Ratio	Lower	Upper
70	100		
42	52.0	49.1	73.7
101	0.0	8.5	12.7#
130	2.7	13.4	20.0#

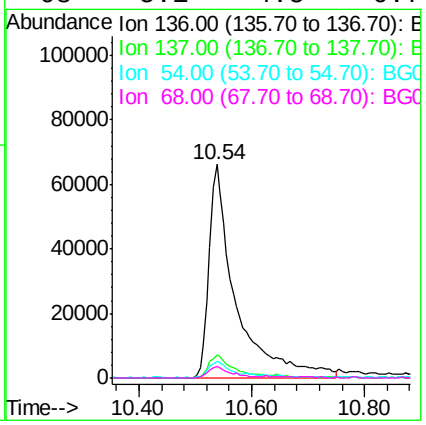


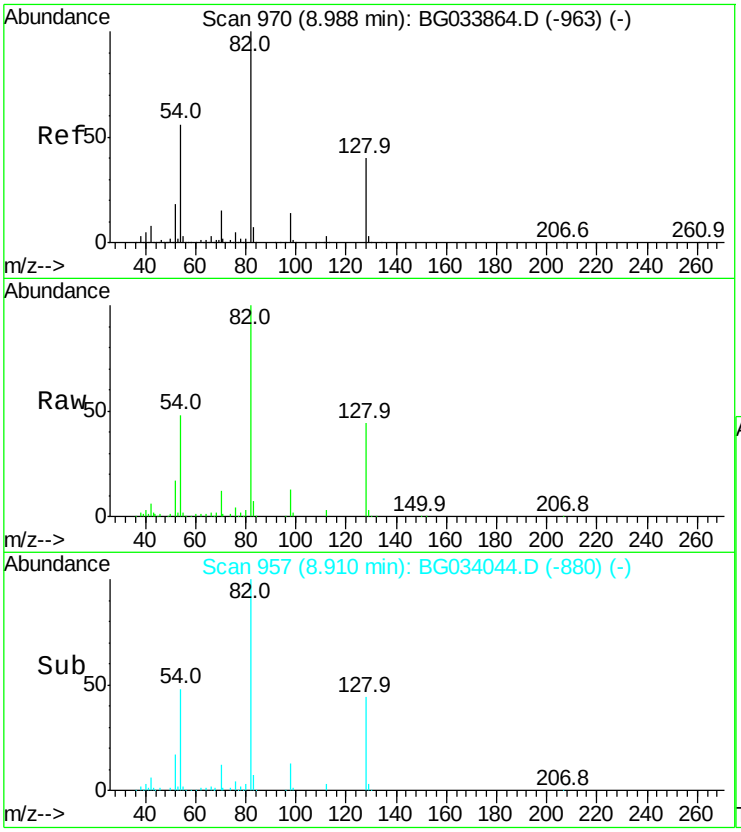


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.09 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Tgt Ion:136 Resp: 217991

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.5	10.3	15.5#
68	5.1	4.5	6.7



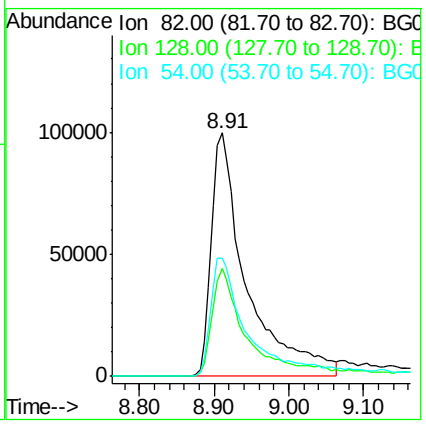


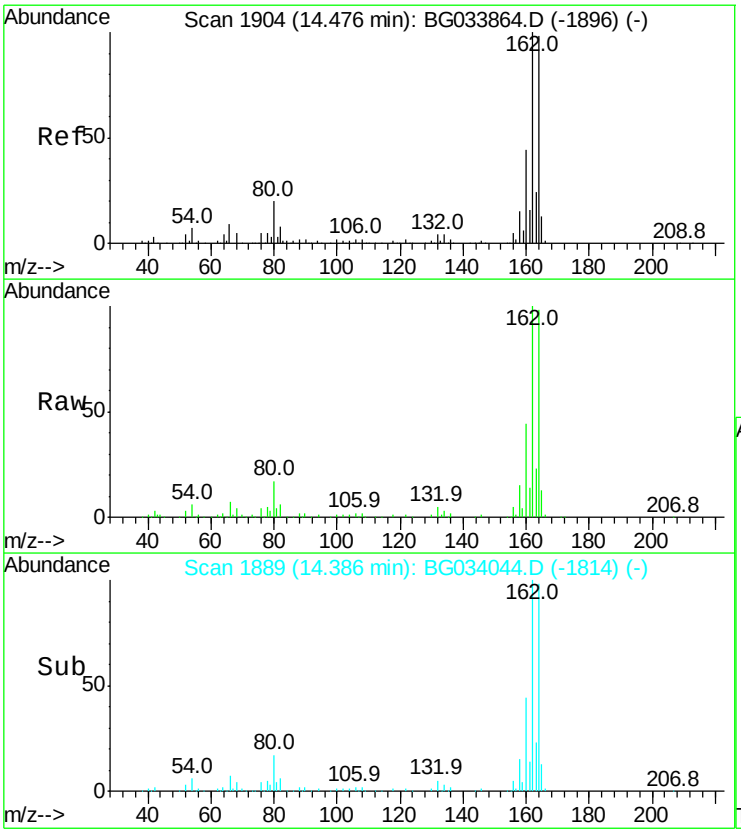
#23
Nitrobenzene-d5
Concen: 85.372 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.08 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 327014

Ion	Ratio	Lower	Upper
82	100		
128	44.1	29.7	44.5
54	48.5	43.1	64.7

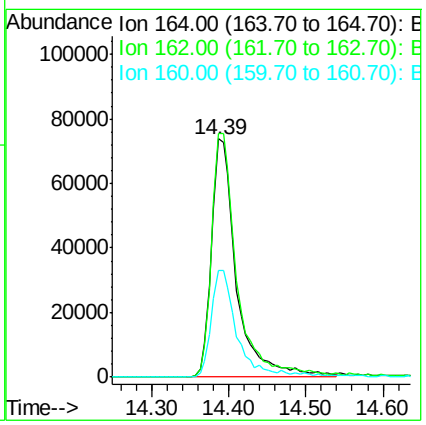


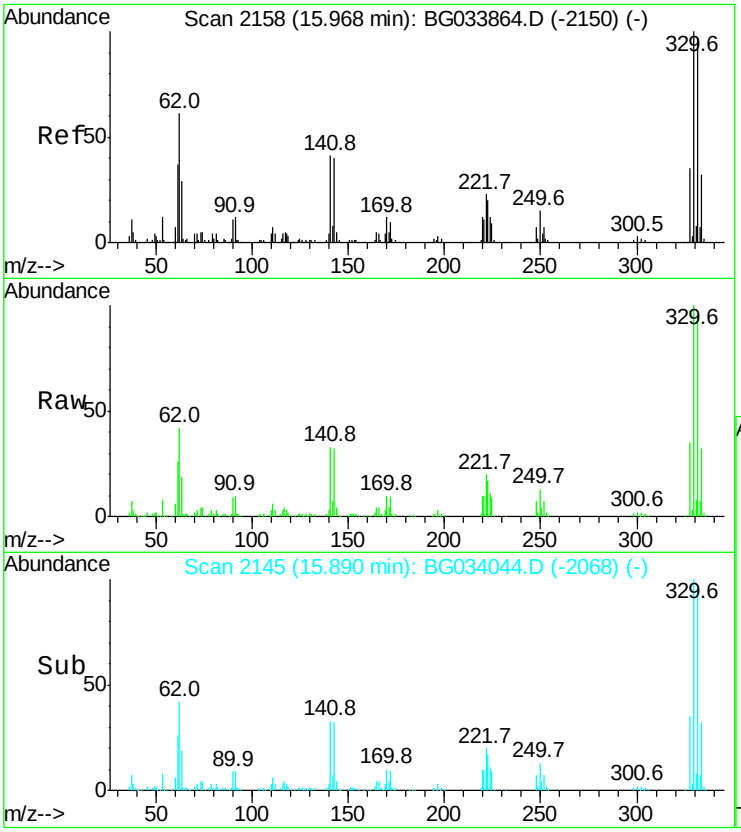


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.09 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Tgt Ion:164 Resp: 165466

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	44.7	35.4	53.0



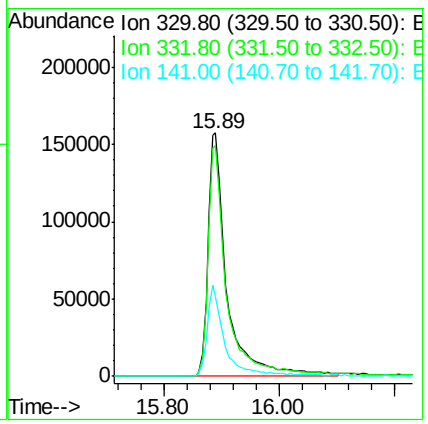


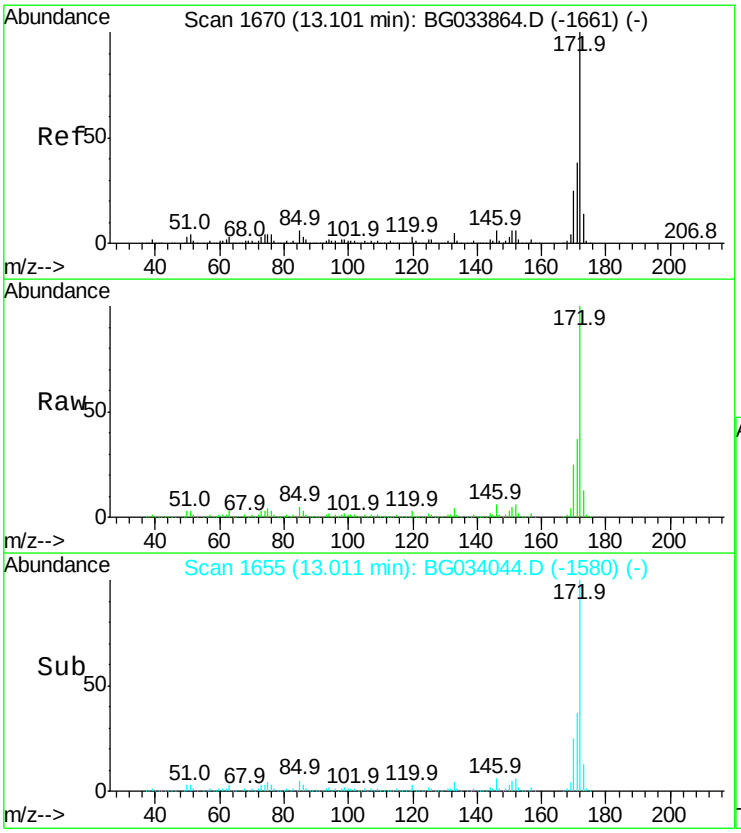
#41
2,4,6-Tribromophenol
Concen: 187.589 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.08 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 362127

Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.0	115.6
141	34.2	25.2	37.8

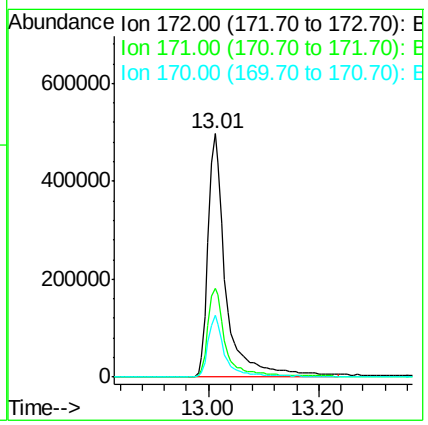


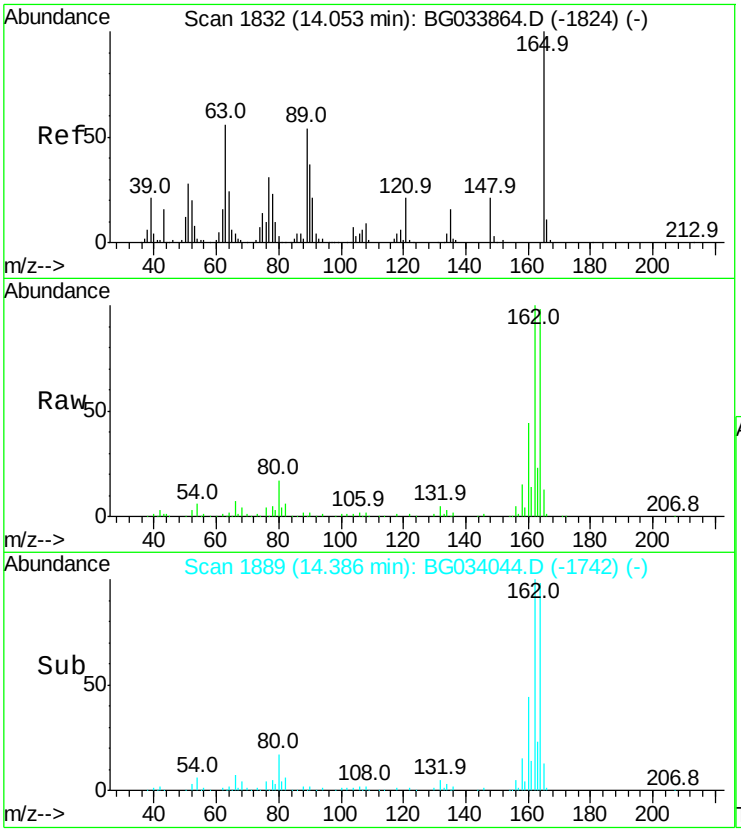


#44
2-Fluorobiphenyl
Concen: 99.138 ng
RT: 13.01 min Scan# 1655
Delta R.T. -0.09 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Tgt Ion:172 Resp: 1116653

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	25.3	19.5	29.3



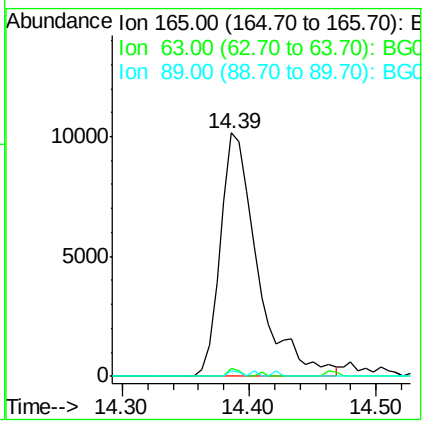


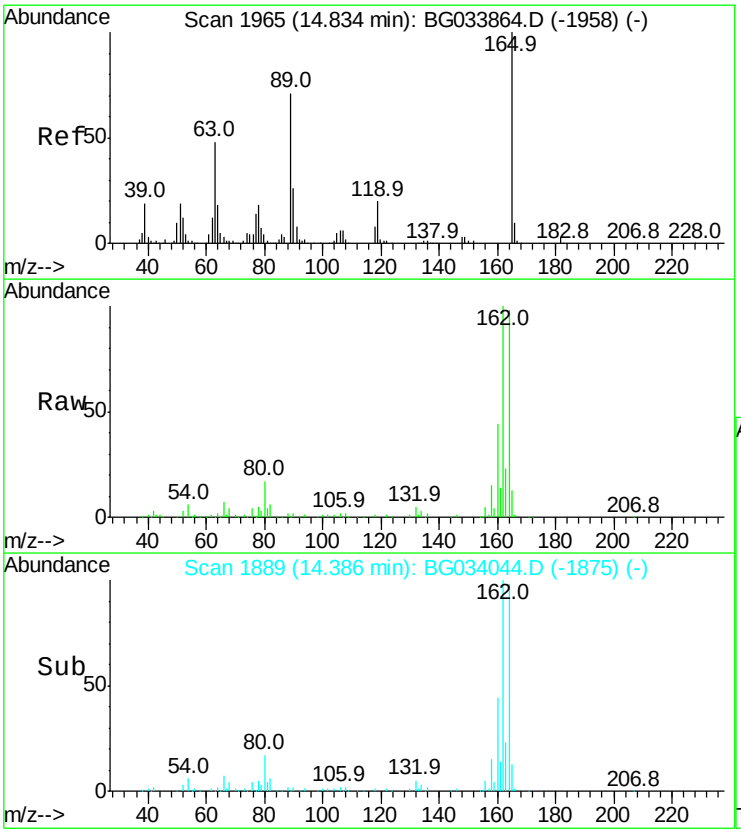
#50
2,6-Dinitrotoluene
Concen: 7.512 ng
RT: 14.39 min Scan# 1889
Delta R.T. 0.33 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20722

Ion	Ratio	Lower	Upper
165	100		
63	3.1	52.7	79.1#
89	2.1	49.2	73.8#

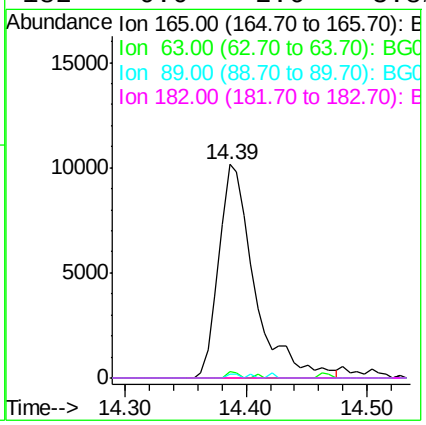


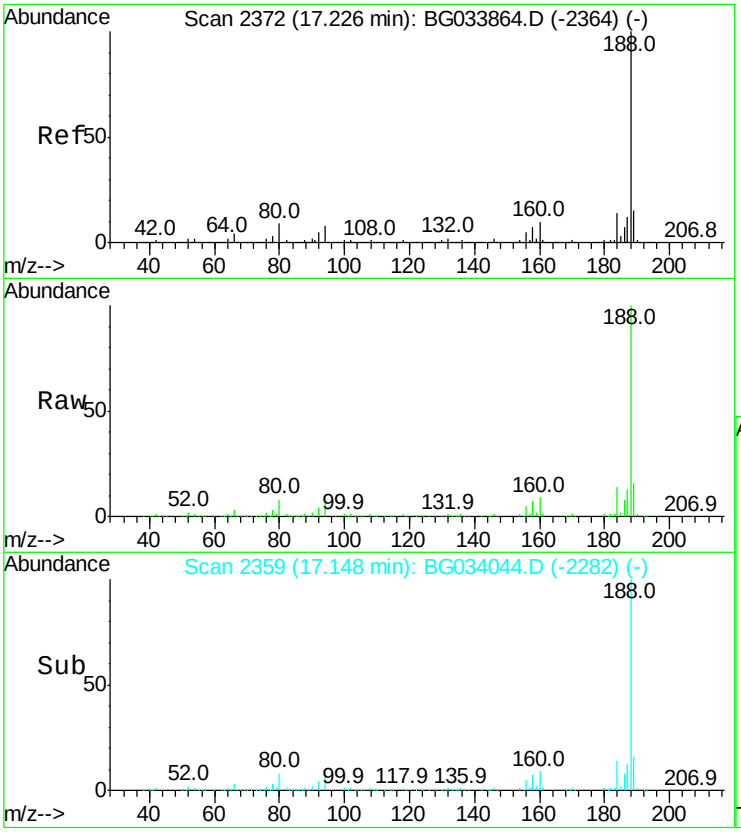


#56
2,4-Dinitrotoluene
Concen: 5.686 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.45 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Tgt Ion:165 Resp: 20856

Ion	Ratio	Lower	Upper
165	100		
63	3.1	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#



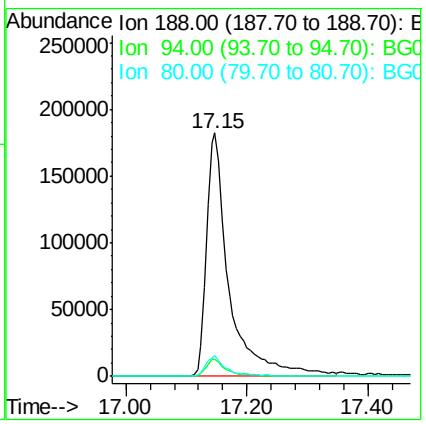


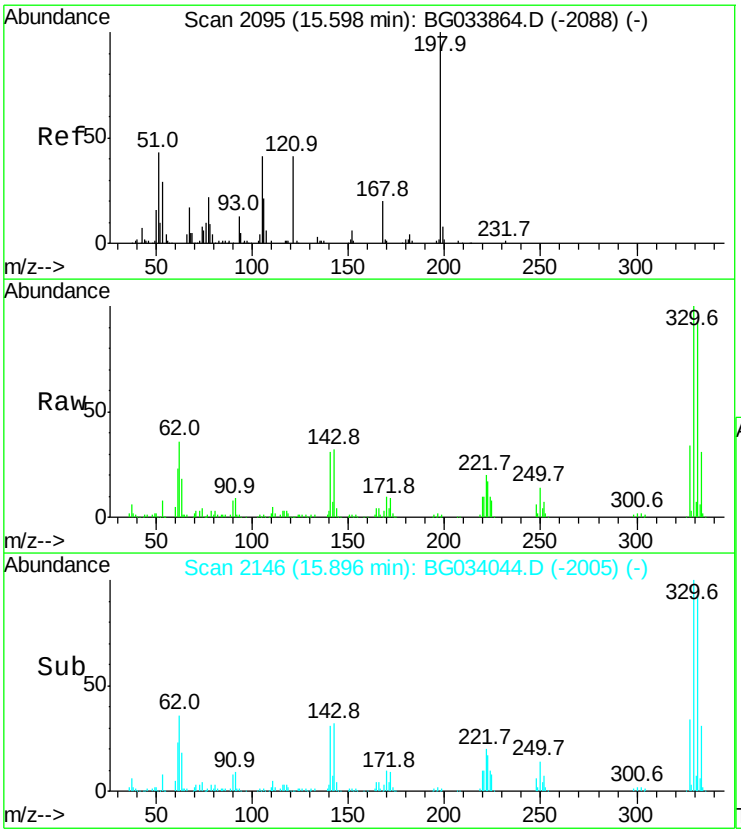
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2359
Delta R.T. -0.08 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 474366

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	8.4	7.7	11.5

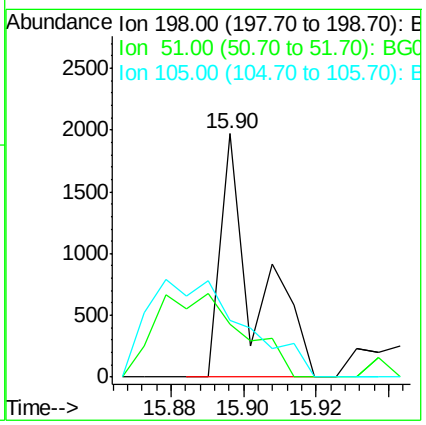


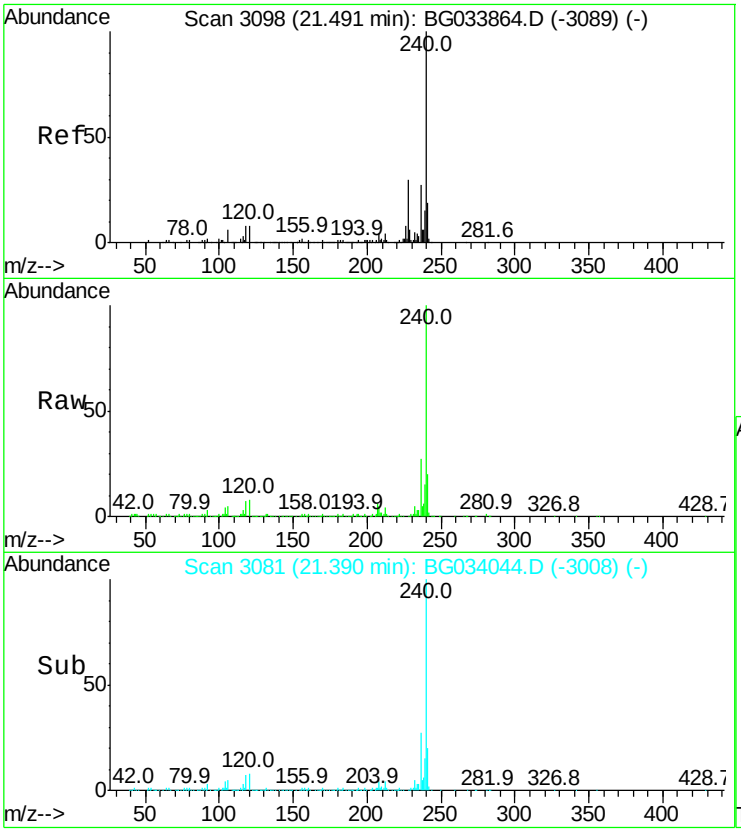


#64
4,6-Dinitro-2-methylphenol
Concen: 6.986 ng
RT: 15.90 min Scan# 2146
Delta R.T. 0.30 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Tgt Ion:198 Resp: 1313

Ion	Ratio	Lower	Upper
198	100		
51	21.6	30.6	70.6#
105	23.2	23.8	63.8#



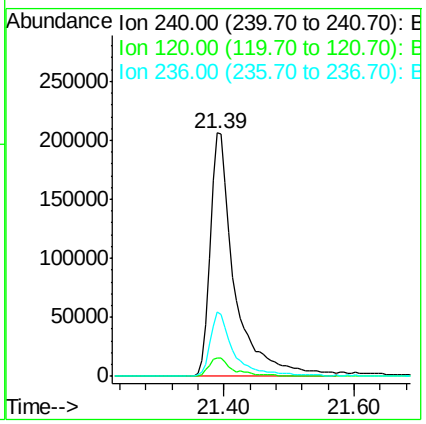


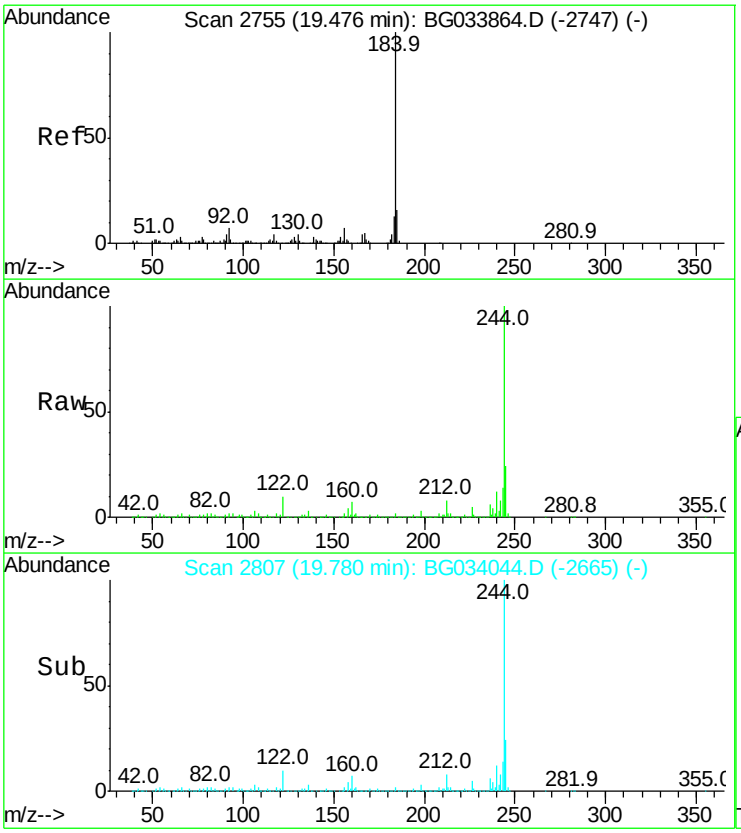
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.10 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 535849

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.8	10.2
236	26.7	20.9	31.3

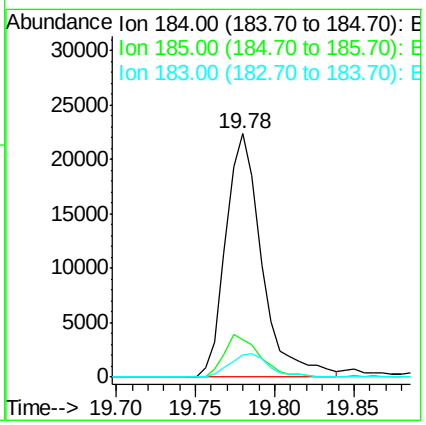


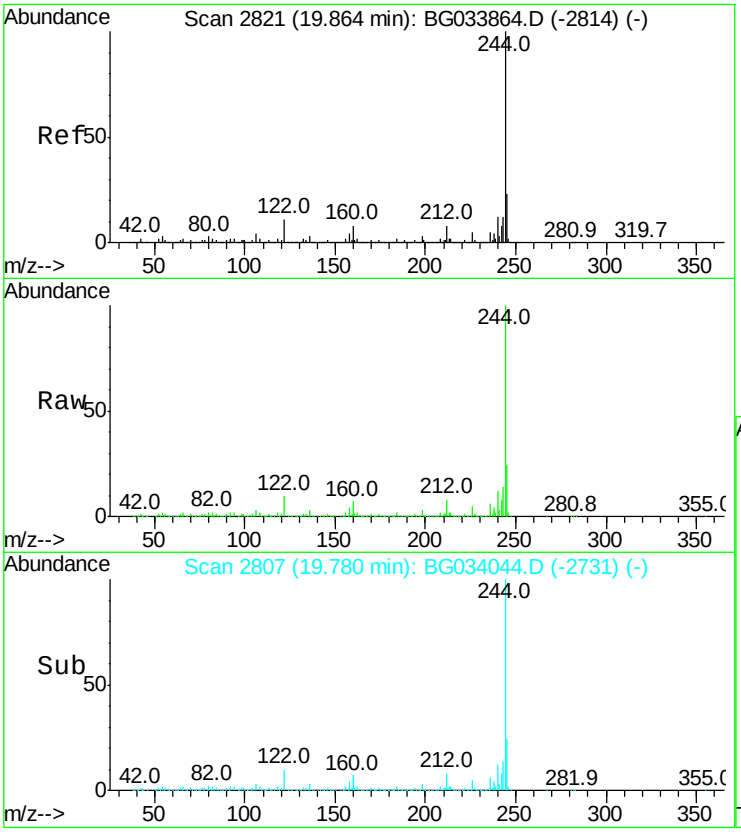


#76
Benzidine
Concen: 2.438 ng
RT: 19.78 min Scan# 2807
Delta R.T. 0.30 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Tgt Ion:184 Resp: 35277

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	9.3	10.6	16.0#



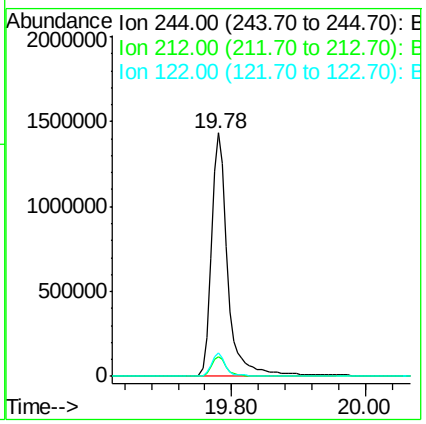


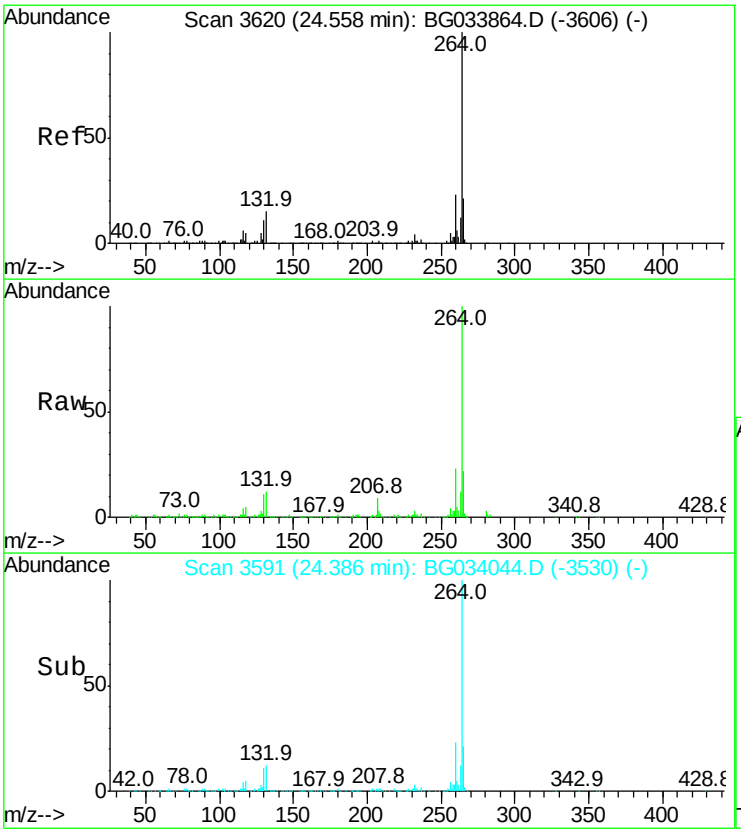
#78
Terphenyl-d14
Concen: 103.994 ng
RT: 19.78 min Scan# 2807
Delta R.T. -0.08 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2480406

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	9.7	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.17 min
Lab File: BG034044.D
Acq: 27 Apr 2018 18:15

Tgt Ion:264 Resp: 510199

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.8	17.7	26.5