Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034064.D
Acq On : 28 Apr 2018 8:19
Operator : SJ/JU
Sample : J2572-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 30 02:27:48 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	34101	20.00	ng	-0.07
21) Naphthalene-d8	10.54	136	192622	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	169949	20.00	ng	-0.09
63) Phenanthrene-d10	17.15	188	459848	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	519600	20.00	ng	-0.10
86) Perylene-d12	24.38	264	497333	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	75940	35.55	ng	-0.06
7) Phenol-d6	7.00	99	25184	8.08	ng	0.00
23) Nitrobenzene-d5	8.92	82	267313	78.98	ng	-0.07
41) 2,4,6-Tribromophenol	15.88	330	205175	103.48	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1026821	88.76	ng	-0.09
78) Terphenyl-d14	19.78	244	2178683	94.20	ng	-0.08
Target Compounds						Qvalue
15) Benzyl Alcohol	8.06	79	5897	2.17	ng	# 26
19) n-Nitroso-di-n-propylamine	8.91	70	29704	11.19	ng	# 71
32) Benzoic acid	9.50	122	55	5.10	ng	# 1
49) Dimethylphthalate	13.86	163	75433	5.05	ng	# 97
50) 2,6-Dinitrotoluene	14.39	165	20701	7.31	ng	# 21
56) 2,4-Dinitrotoluene	14.39	165	20701	5.49	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.89	198	763	6.79	ng	# 66
76) Benzidine	19.78	184	31065	2.21	ng	# 93

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

Quantitation Report (Not Reviewed)

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Data File : BG034064.D
Acq On : 28 Apr 2018 8:19
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Misc :
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Quant Time: Apr 30 02:27:48 2018
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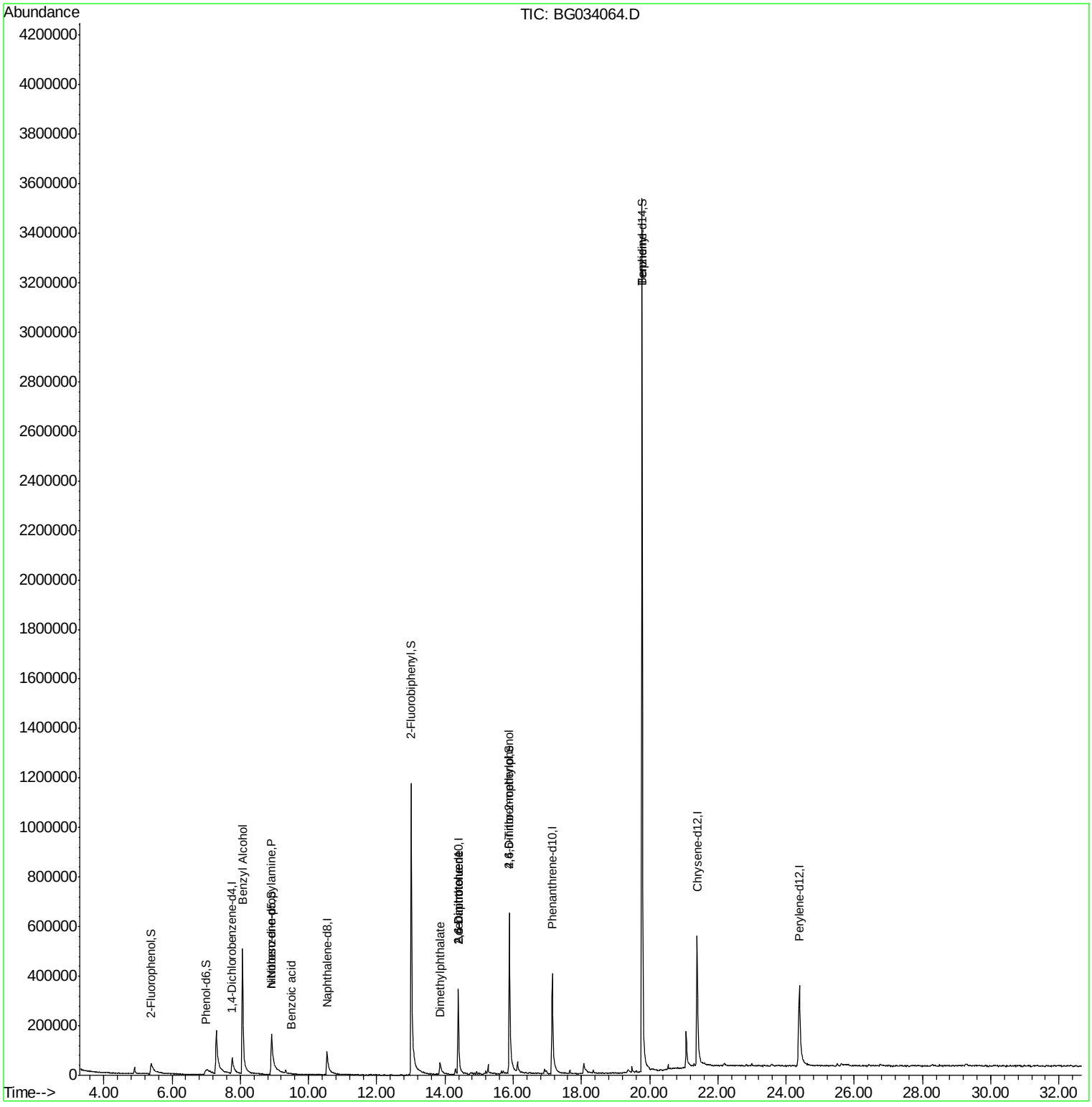
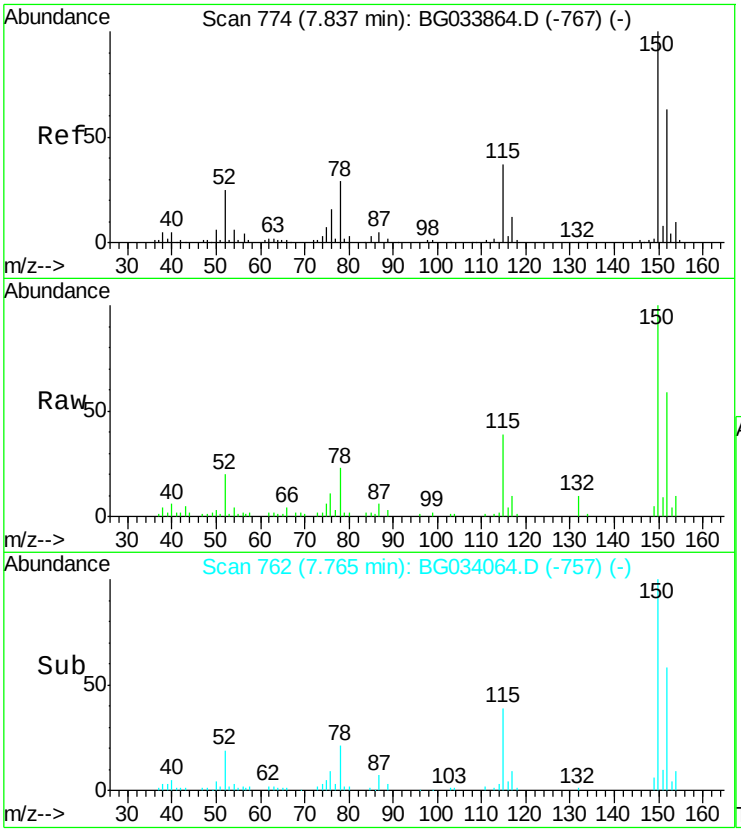
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration



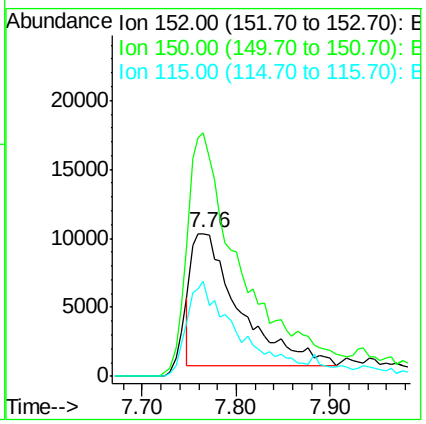


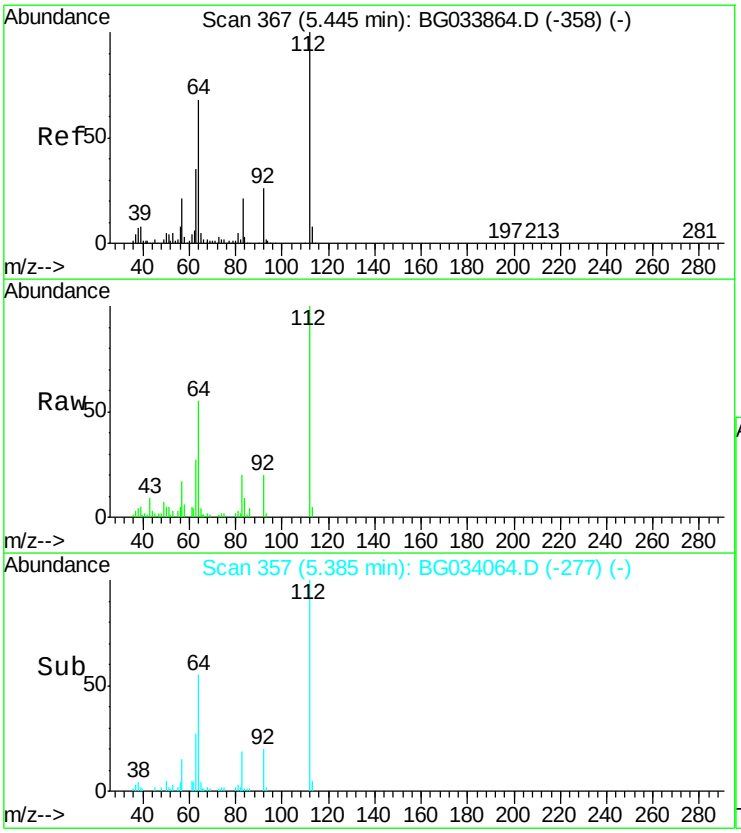
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 762
Delta R.T. -0.07 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 34101

Ion	Ratio	Lower	Upper
152	100		
150	170.2	126.6	189.8
115	66.3	53.0	79.4

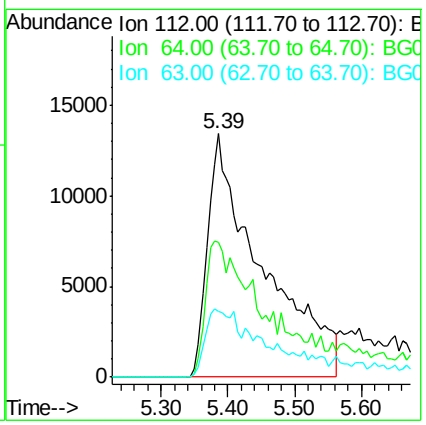


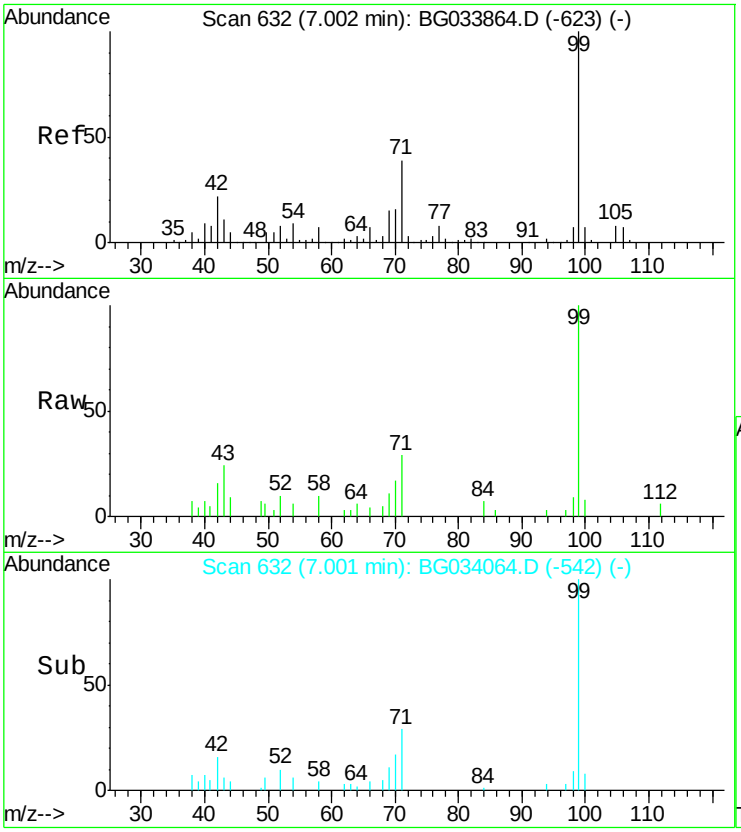


#5
2-Fluorophenol
Concen: 35.55 ng
RT: 5.39 min Scan# 357
Delta R.T. -0.06 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Tgt Ion:112 Resp: 75940

Ion	Ratio	Lower	Upper
112	100		
64	55.5	56.3	84.5#
63	27.2	30.1	45.1#



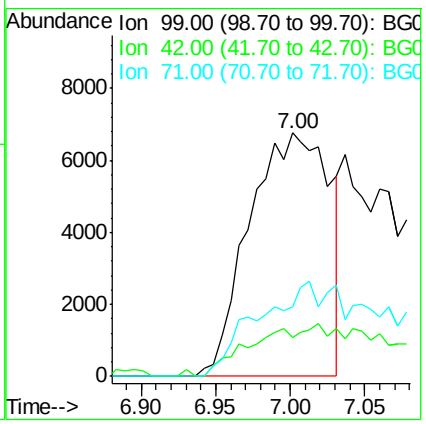


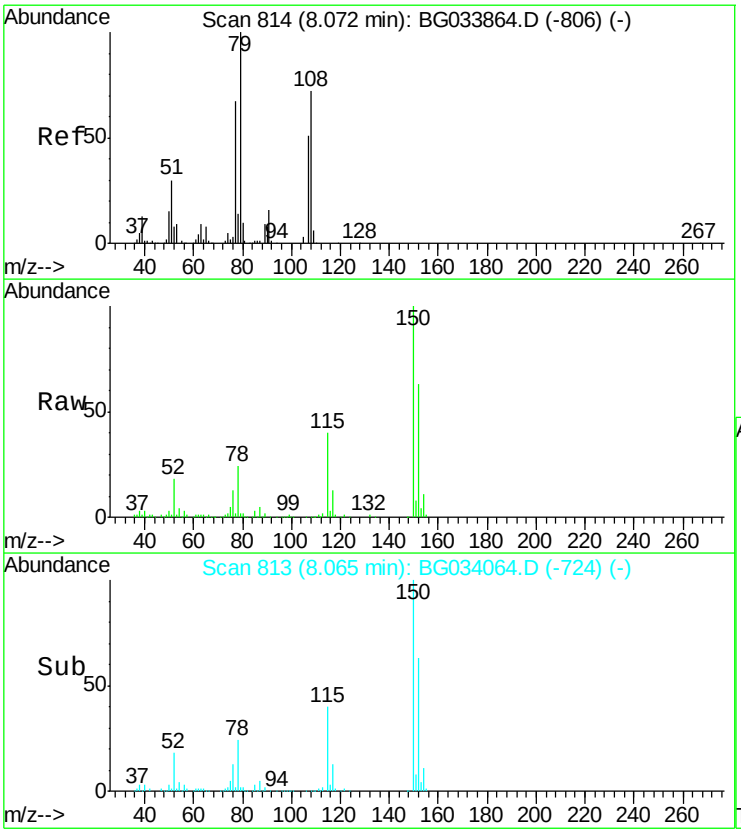
#7
Phenol-d6
Concen: 8.08 ng
RT: 7.00 min Scan# 632
Delta R.T. -0.00 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 25184

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.1	21.1
71	28.8	26.1	39.1

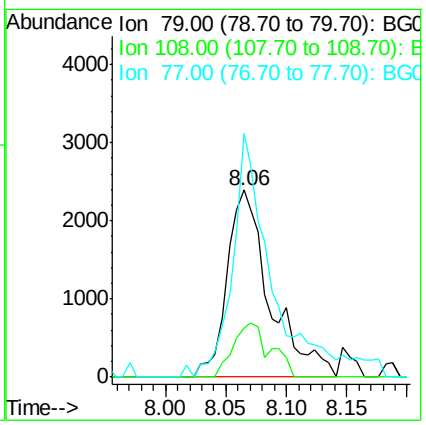


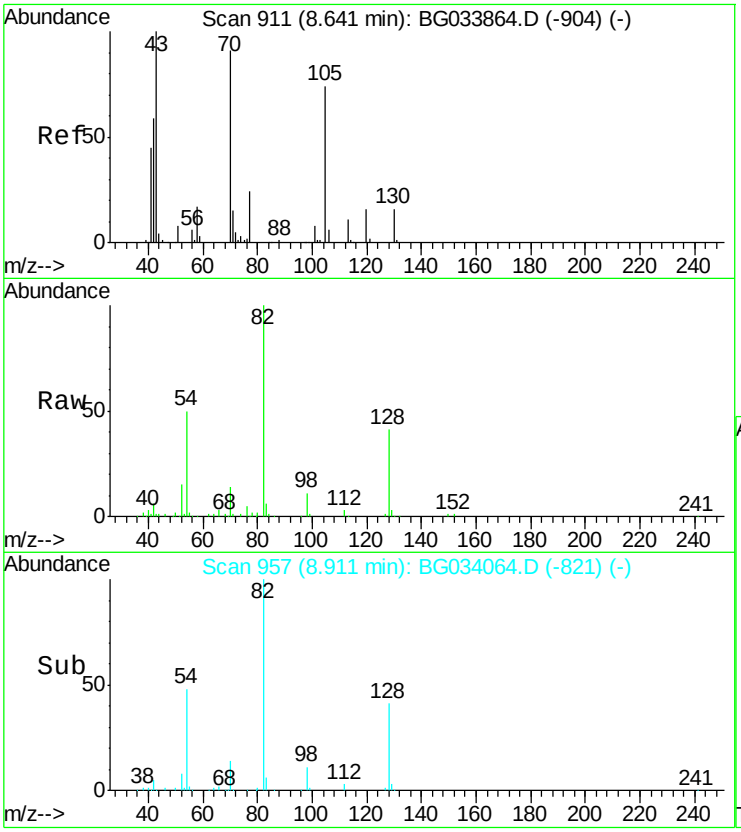


#15
Benzyl Alcohol
Concen: 2.17 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Tgt Ion: 79 Resp: 5897

Ion	Ratio	Lower	Upper
79	100		
108	26.4	57.2	85.8#
77	130.3	46.1	69.1#



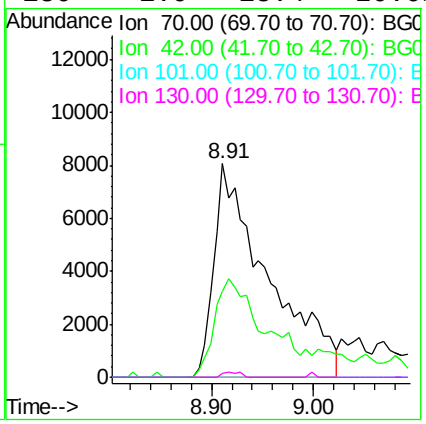


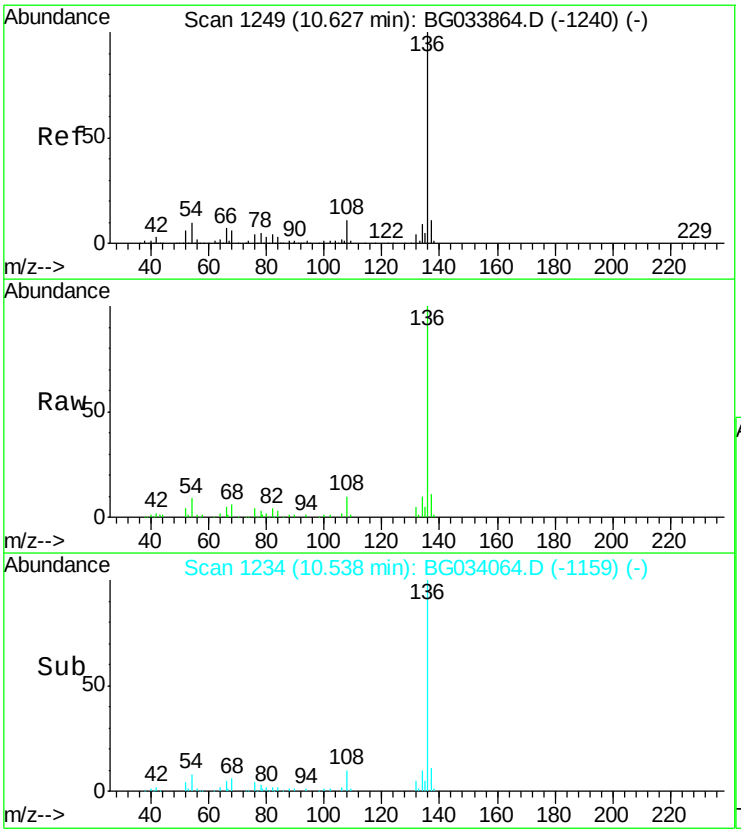
#19
n-Nitroso-di-n-propylamine
Concen: 11.19 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.27 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 29704

Ion	Ratio	Lower	Upper
70	100		
42	40.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#

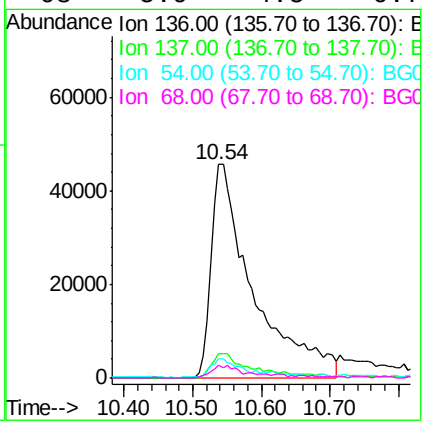


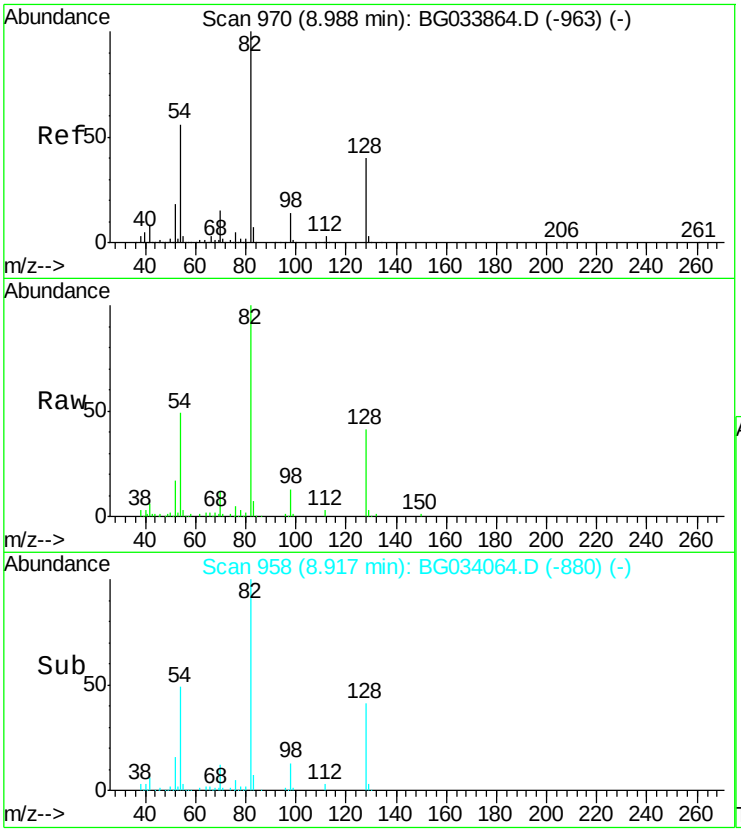


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.09 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Tgt Ion:136 Resp: 192622

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.1	10.3	15.5#
68	5.9	4.5	6.7



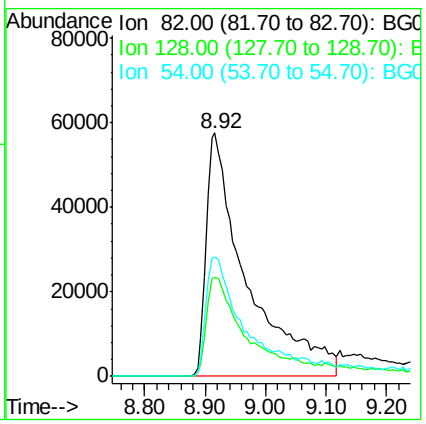


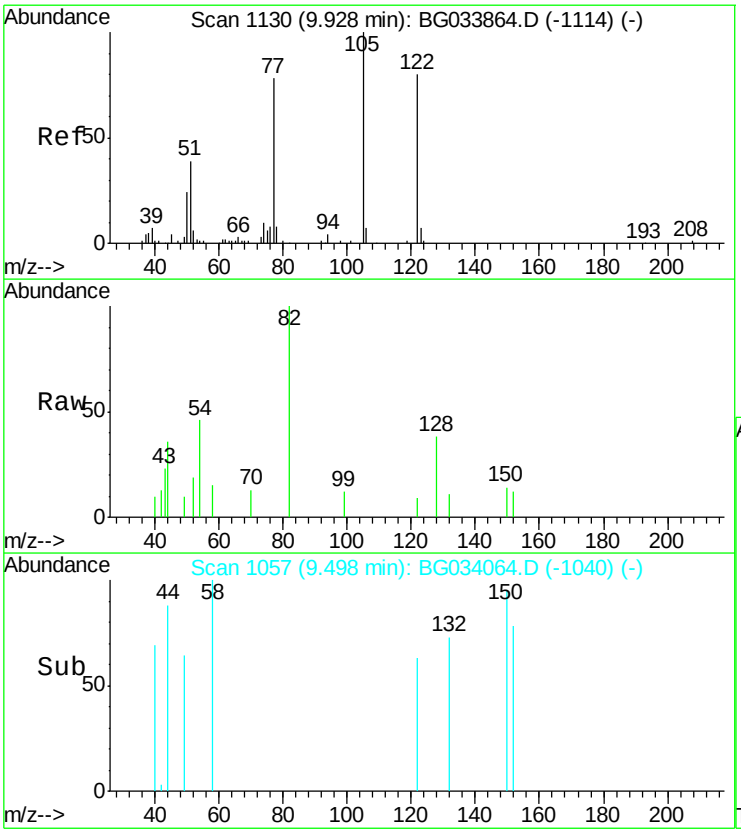
#23
Nitrobenzene-d5
Concen: 78.98 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.07 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 267313

Ion	Ratio	Lower	Upper
82	100		
128	40.6	29.7	44.5
54	48.9	43.1	64.7

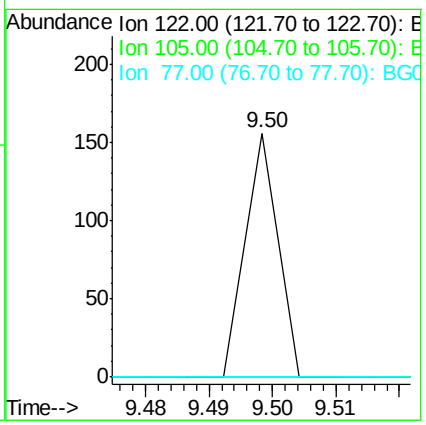


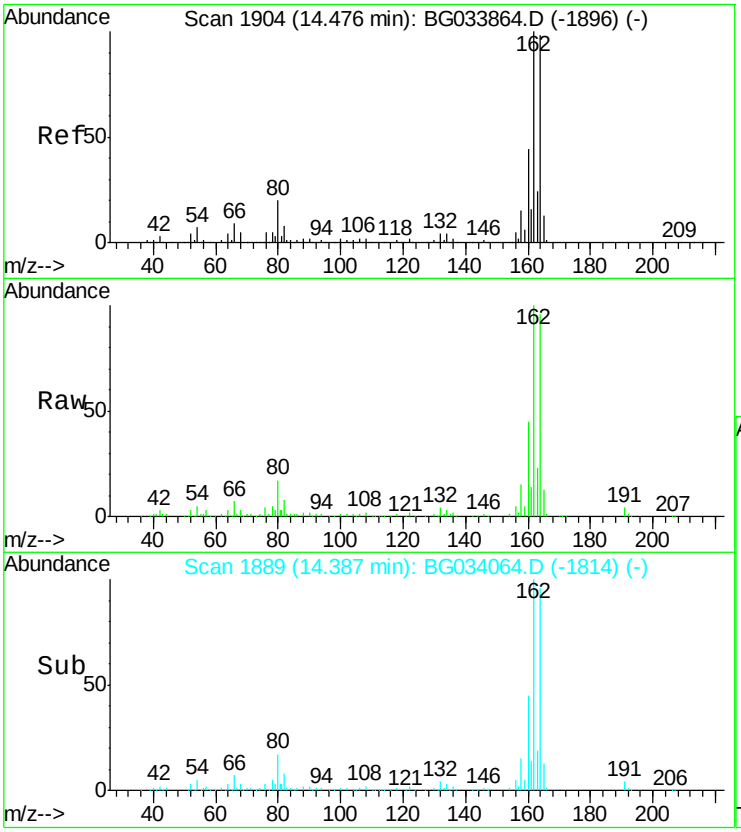


#32
Benzoic acid
Concen: 5.10 ng
RT: 9.50 min Scan# 1057
Delta R.T. -0.43 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Tgt Ion:122 Resp: 55

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



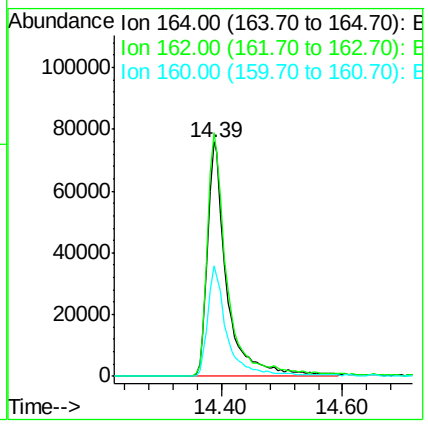


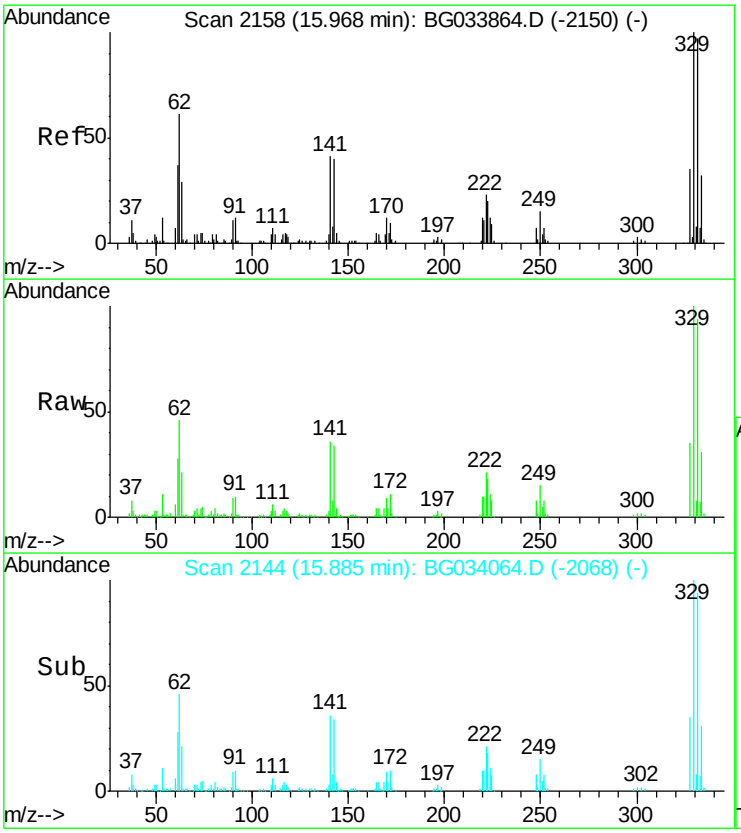
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.09 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 169949

Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	46.9	35.4	53.0

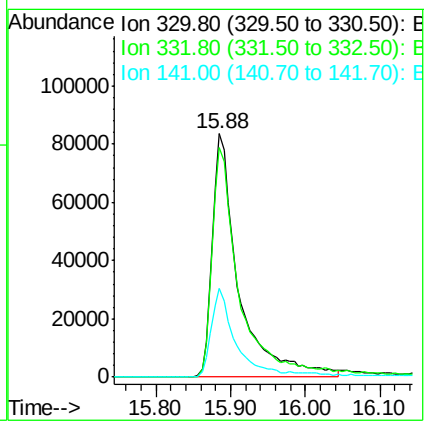


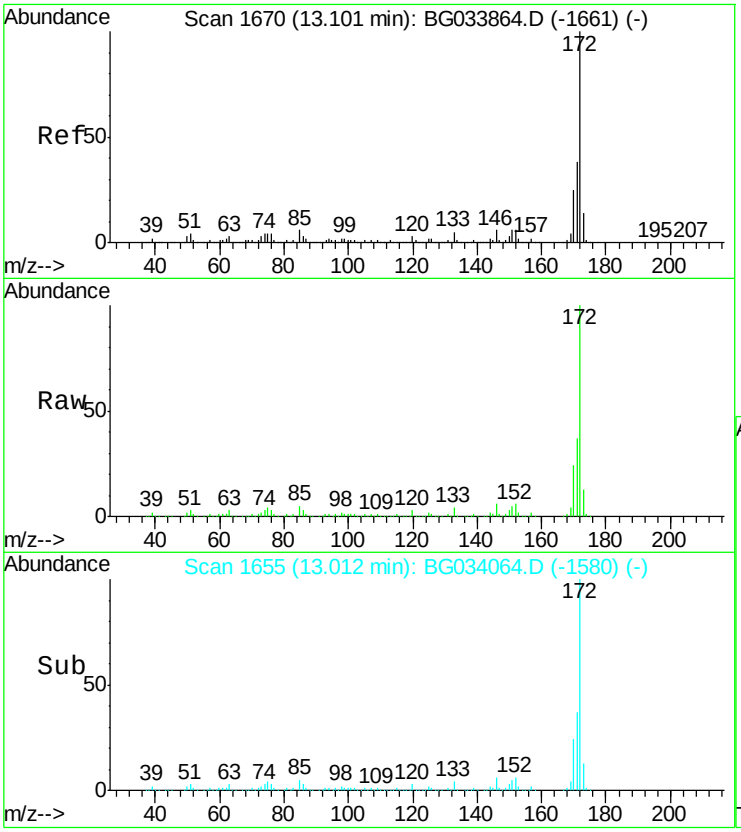


#41
2,4,6-Tribromophenol
Concen: 103.48 ng
RT: 15.88 min Scan# 2144
Delta R.T. -0.08 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Tgt Ion:330 Resp: 205175

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	32.9	25.2	37.8



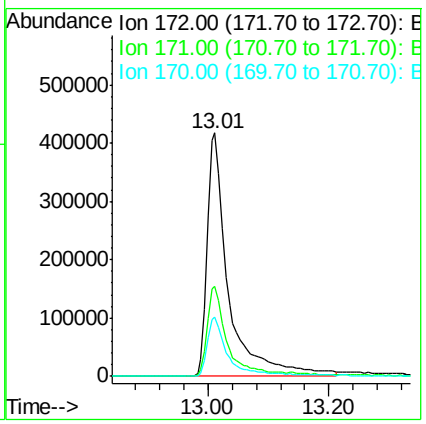


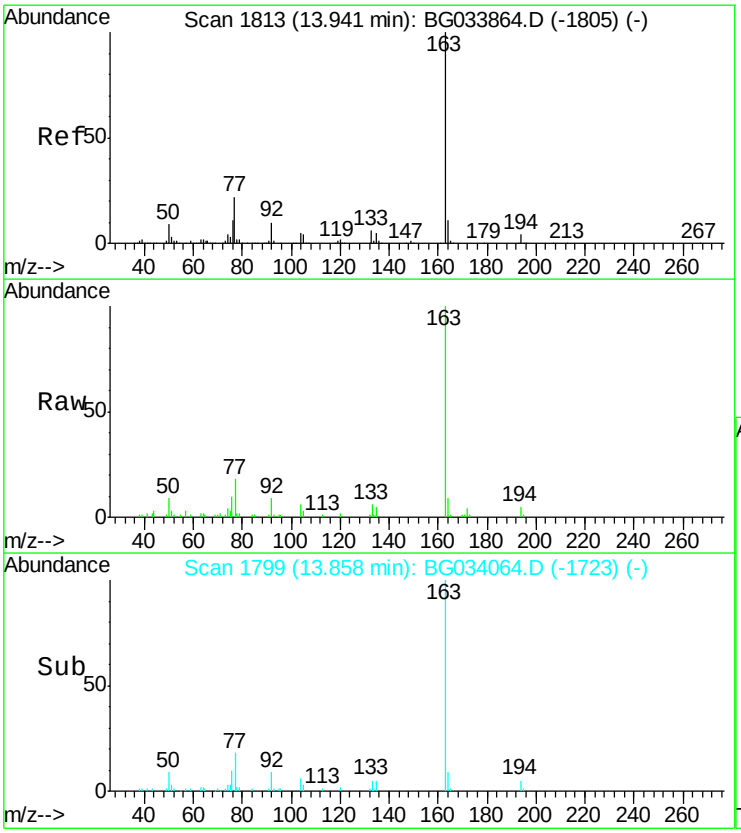
#44
2-Fluorobiphenyl
Concen: 88.76 ng
RT: 13.01 min Scan# 1655
Delta R.T. -0.09 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1026821

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.2	19.5	29.3

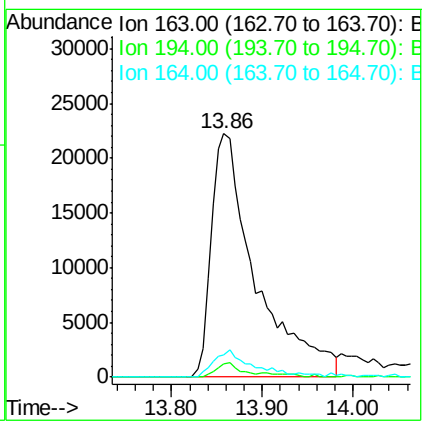


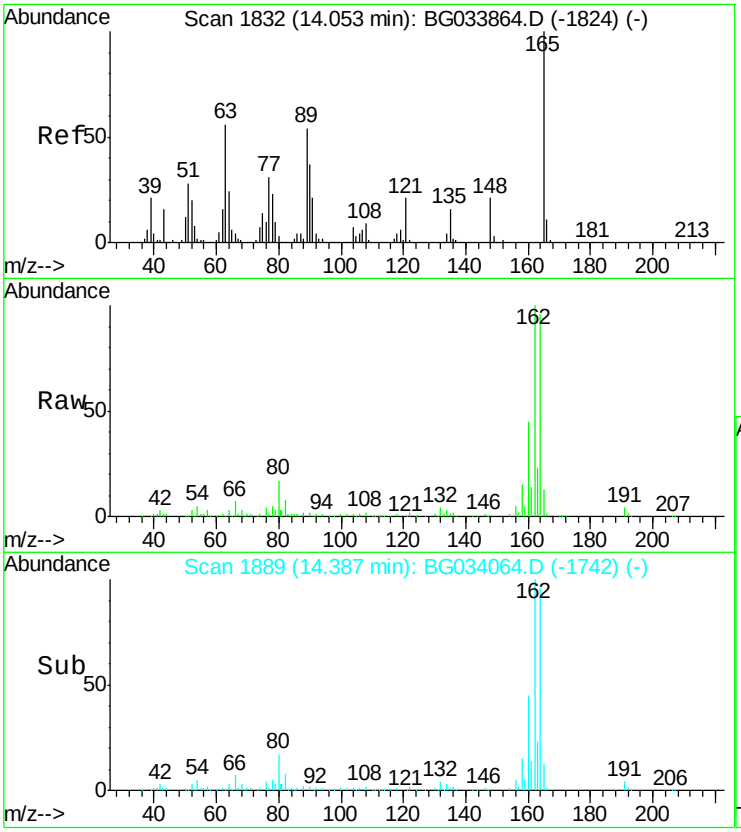


#49
Dimethylphthalate
Concen: 5.05 ng
RT: 13.86 min Scan# 1799
Delta R.T. -0.08 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Tgt Ion:163 Resp: 75433

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.4	5.2#
164	9.2	8.2	12.4



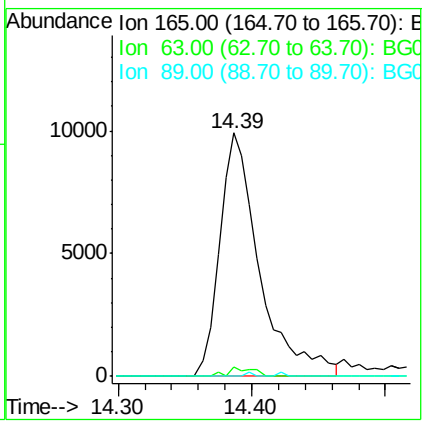


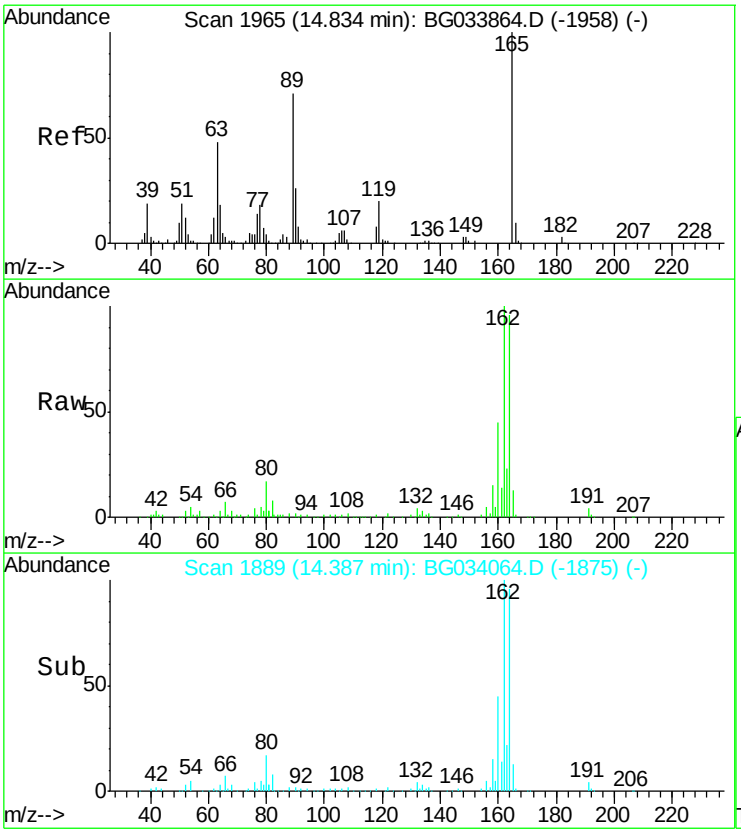
#50
2,6-Dinitrotoluene
Concen: 7.31 ng
RT: 14.39 min Scan# 1889
Delta R.T. 0.33 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20701

Ion	Ratio	Lower	Upper
165	100		
63	3.7	52.7	79.1#
89	0.0	49.2	73.8#

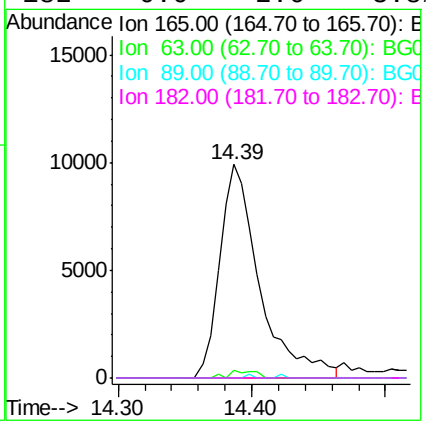


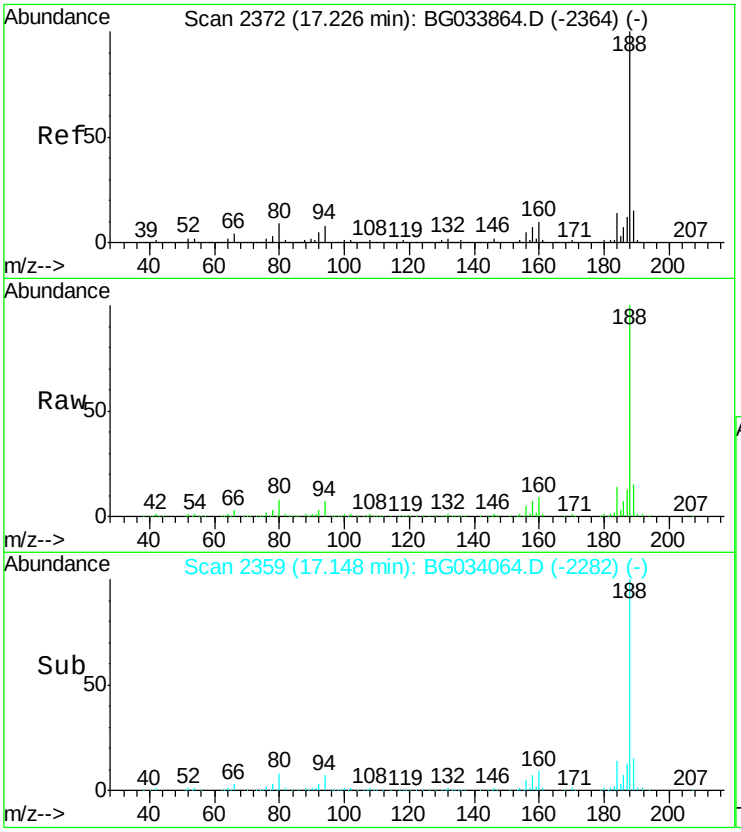


#56
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.45 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Tgt Ion:165 Resp: 20701

Ion	Ratio	Lower	Upper
165	100		
63	3.7	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



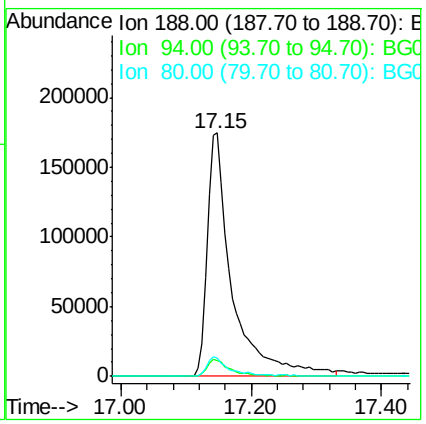


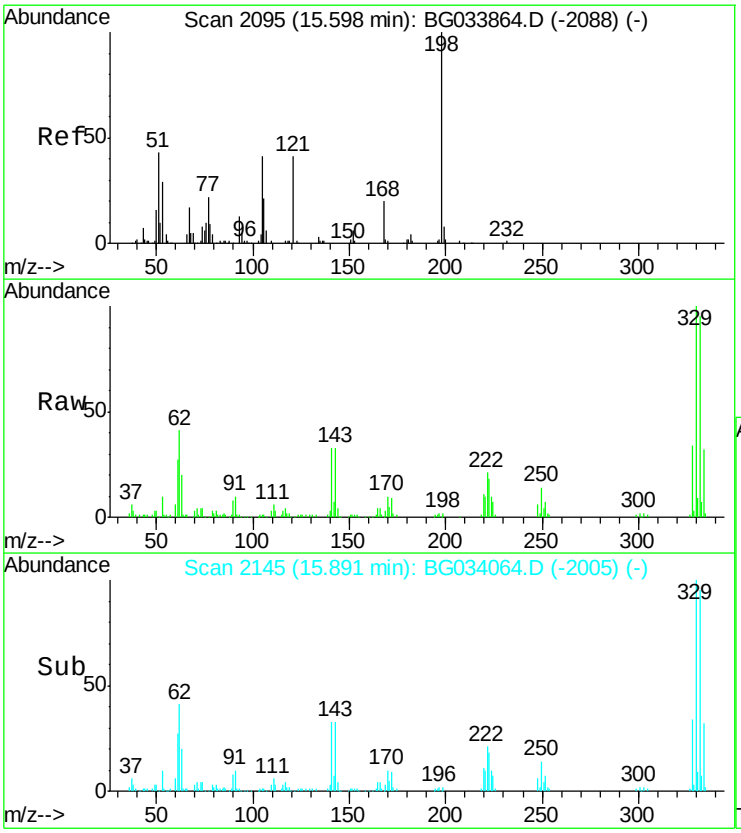
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2359
Delta R.T. -0.08 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 459848

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.5	7.7	11.5#

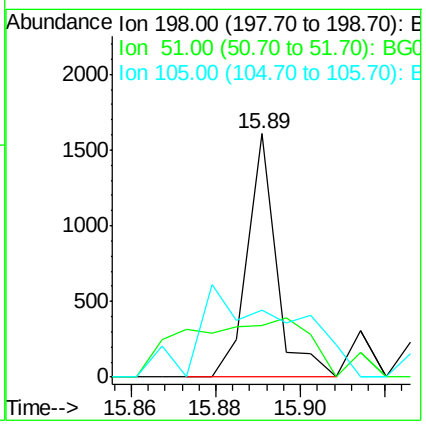


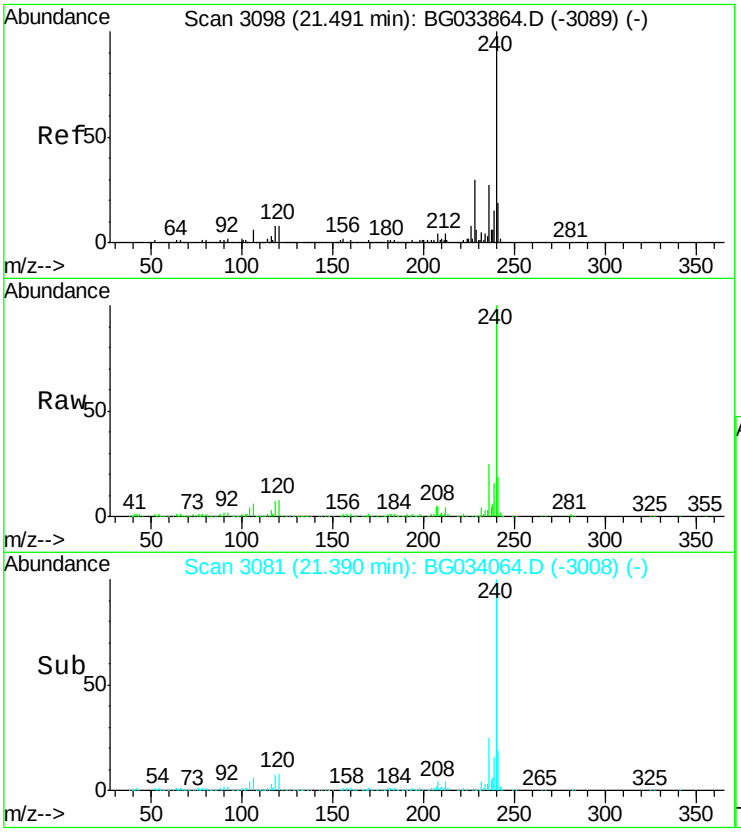


#64
4,6-Dinitro-2-methylphenol
Concen: 6.79 ng
RT: 15.89 min Scan# 2145
Delta R.T. 0.29 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Tgt Ion:198 Resp: 763

Ion	Ratio	Lower	Upper
198	100		
51	21.1	30.6	70.6#
105	27.6	23.8	63.8



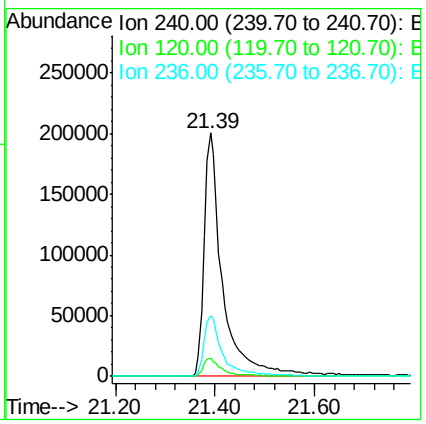


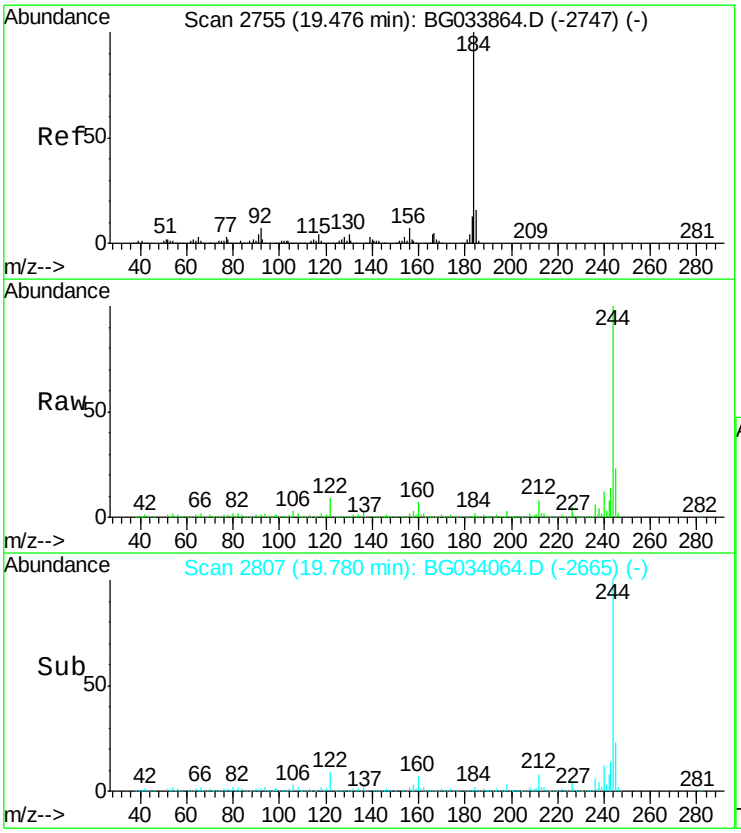
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.10 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 519600

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.8	10.2
236	25.0	20.9	31.3

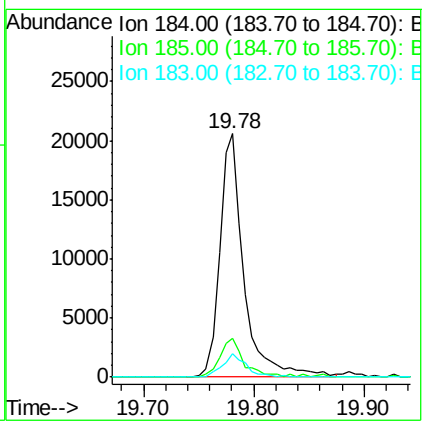


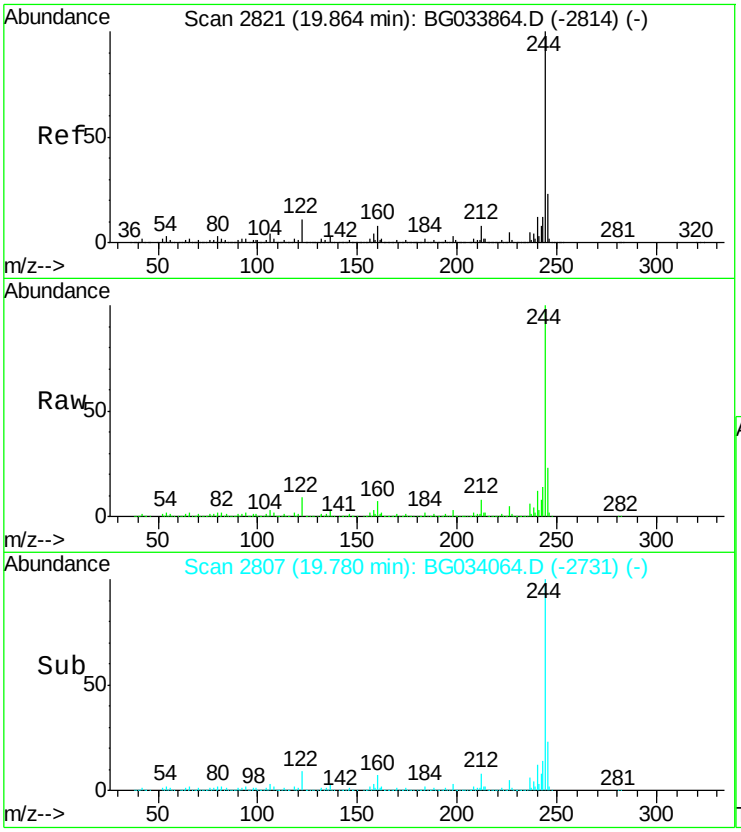


#76
Benzidine
Concen: 2.21 ng
RT: 19.78 min Scan# 2807
Delta R.T. 0.30 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Tgt Ion:184 Resp: 31065

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.1	16.7
183	9.5	10.6	16.0#



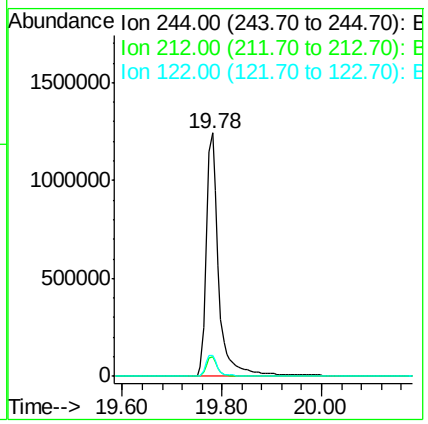


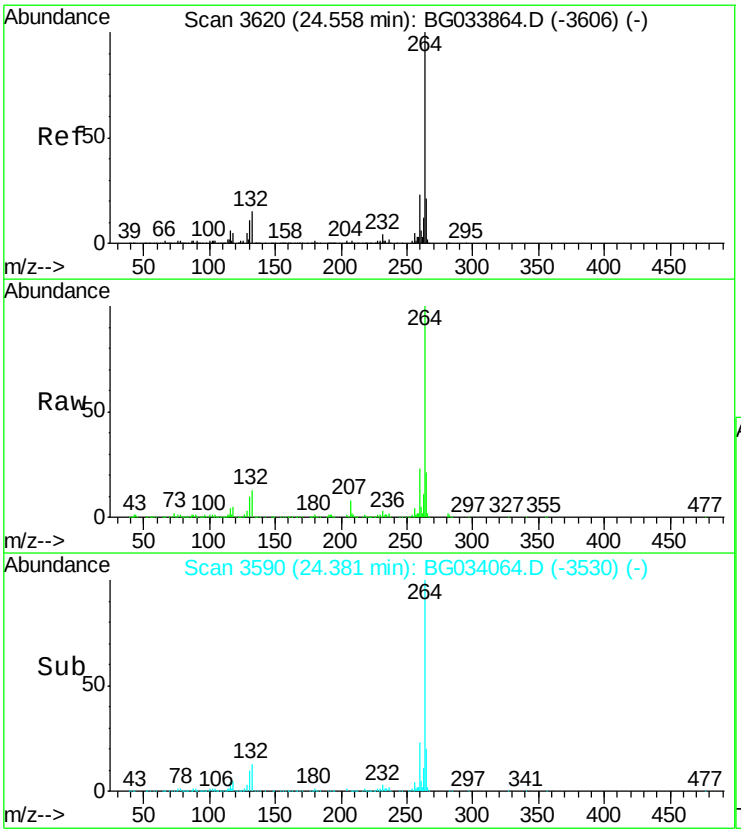
#78
Terphenyl-d14
Concen: 94.20 ng
RT: 19.78 min Scan# 2807
Delta R.T. -0.08 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2178683

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	8.8	7.0	10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.38 min Scan# 3590
Delta R.T. -0.18 min
Lab File: BG034064.D
Acq: 28 Apr 2018 8:19

Tgt Ion:264 Resp: 497333

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	20.7	17.7	26.5