Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034144.D
Acq On : 3 May 2018 10:09
Operator : SJ/JU
Sample : J2667-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 03 11:53:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	70225	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	270270	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	214547	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	662513	20.00	ng	0.00
75) Chrysene-d12	21.76	240	794855	20.00	ng	-0.01
86) Perylene-d12	25.05	264	767478	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	590682	135.90	ng	0.00
7) Phenol-d6	7.22	99	780012	115.27	ng	0.00
23) Nitrobenzene-d5	9.23	82	689525	97.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	493524	166.12	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1422014	96.58	ng	-0.01
78) Terphenyl-d14	20.08	244	3157082	87.01	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.22	77	2304	Below Cal	#	14
19) n-Nitroso-di-n-propylamine	9.24	70	111901	18.414	ng	# 70
32) Benzoic acid	10.15	122	171	3.166	ng	# 31
50) 2,6-Dinitrotoluene	14.71	165	26762	7.490	ng	# 22
56) 2,4-Dinitrotoluene	14.71	165	26762	5.516	ng	# 19
66) 4-Bromophenyl-phenylether	16.21	248	41936	5.098	ng	# 1
76) Benzidine	20.08	184	69935	3.416	ng	# 93

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

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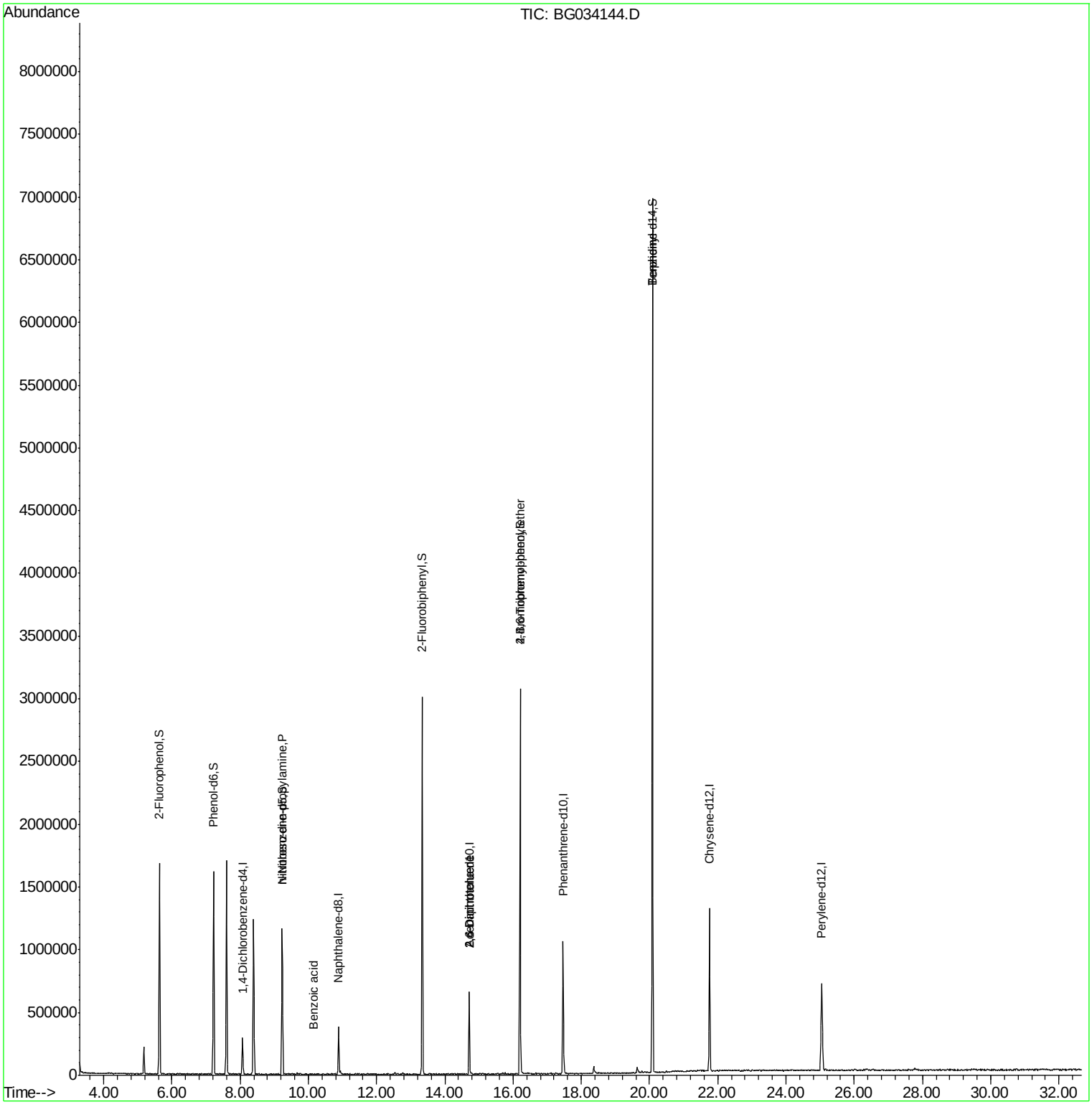
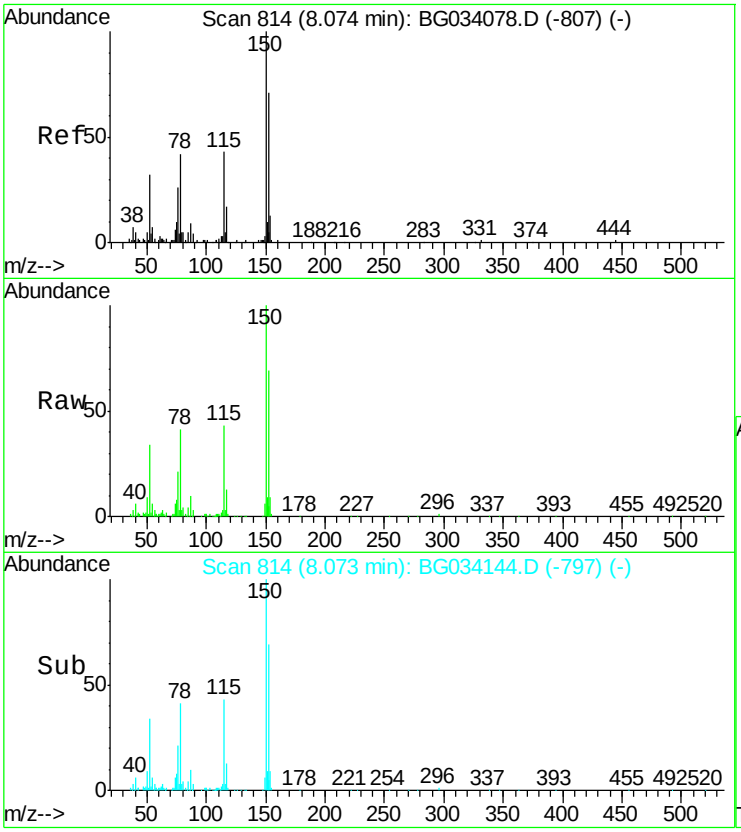


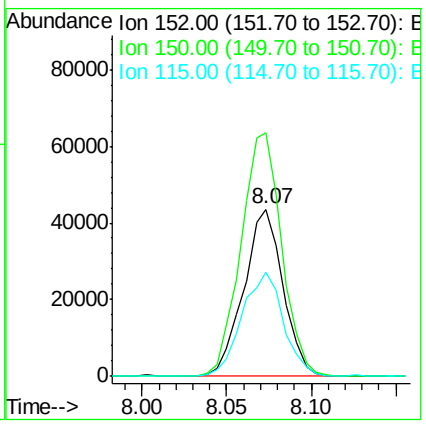


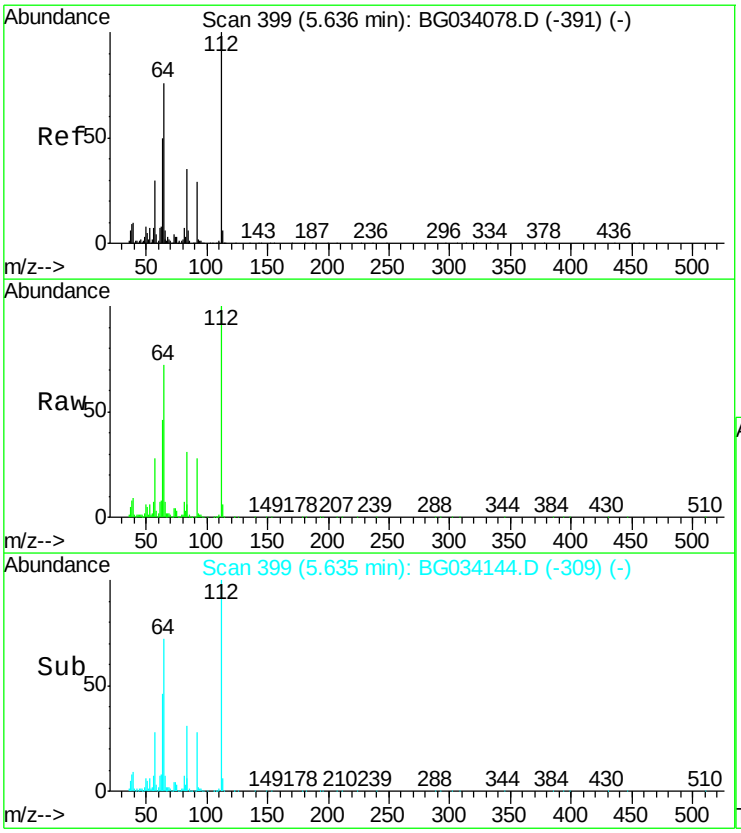
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 70225

Ion	Ratio	Lower	Upper
152	100		
150	145.8	126.6	189.8
115	62.3	53.0	79.4

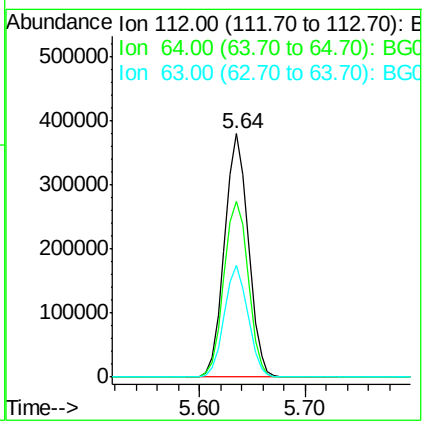


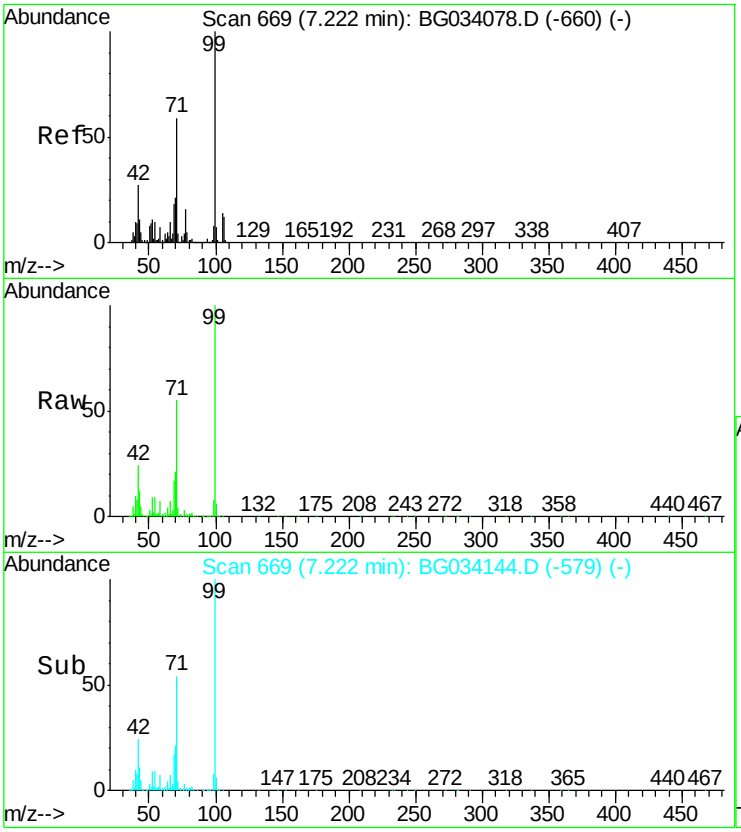


#5
2-Fluorophenol
Concen: 135.895 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Tgt Ion:112 Resp: 590682

Ion	Ratio	Lower	Upper
112	100		
64	72.1	56.3	84.5
63	46.1	30.1	45.1#



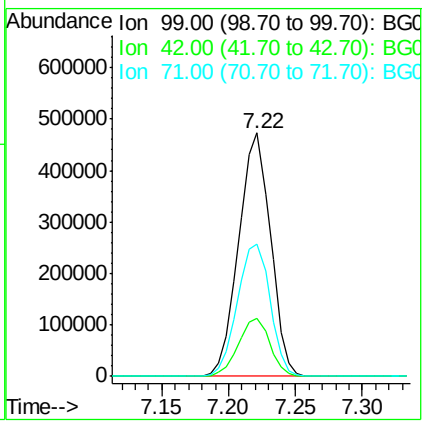


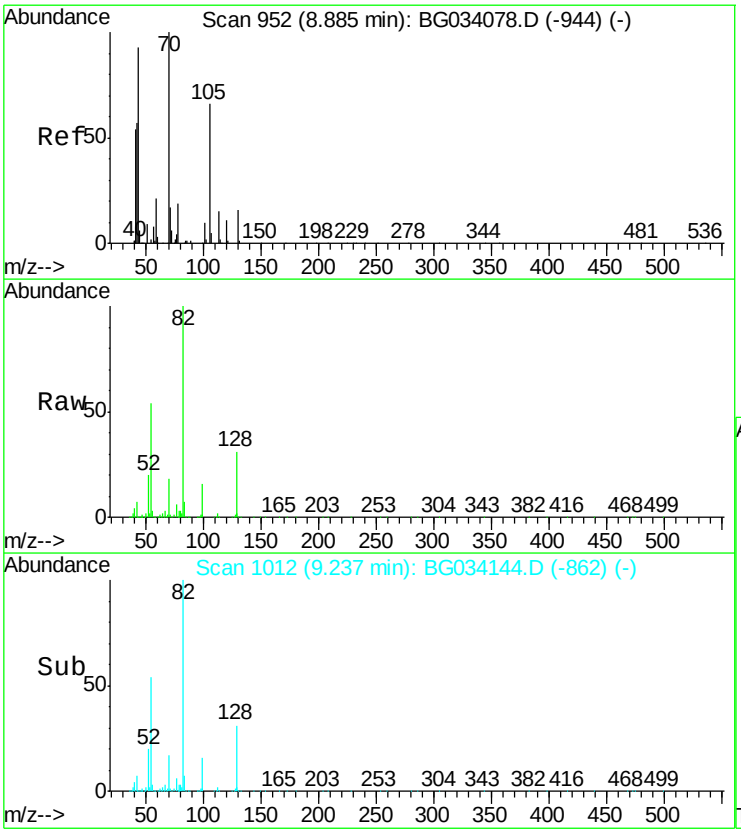
#7
Phenol-d6
Concen: 115.270 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 780012

Ion	Ratio	Lower	Upper
99	100		
42	23.6	14.1	21.1#
71	54.5	26.1	39.1#

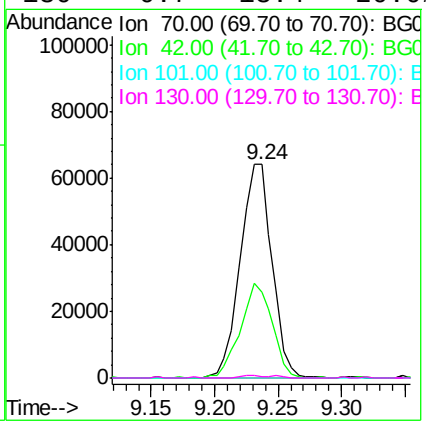


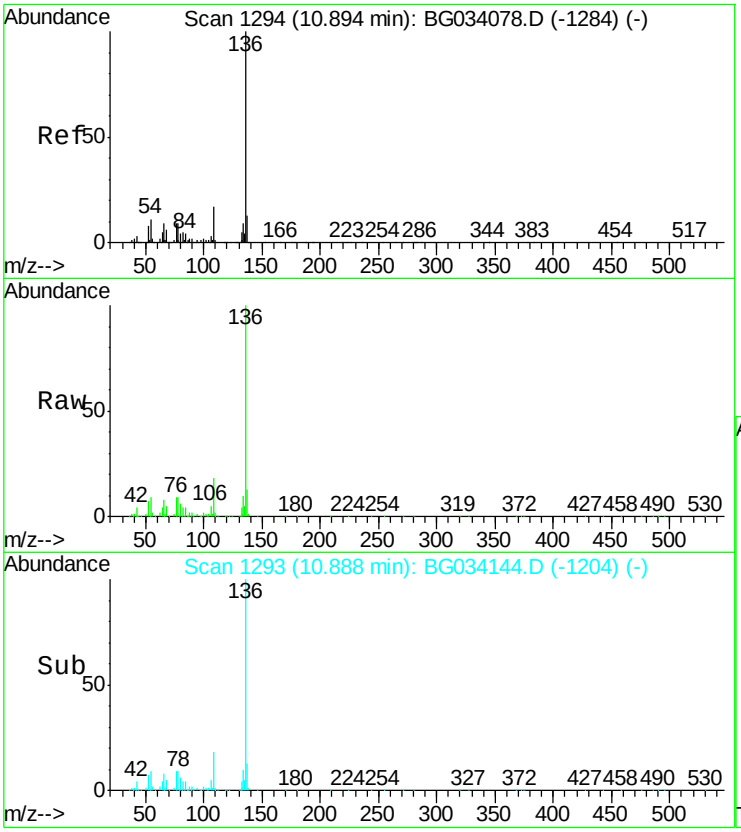


#19
n-Nitroso-di-n-propylamine
Concen: 18.414 ng
RT: 9.24 min Scan# 1012
Delta R.T. 0.35 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Tgt Ion: 70 Resp: 111901

Ion	Ratio	Lower	Upper
70	100		
42	40.1	49.1	73.7#
101	0.0	8.5	12.7#
130	0.7	13.4	20.0#



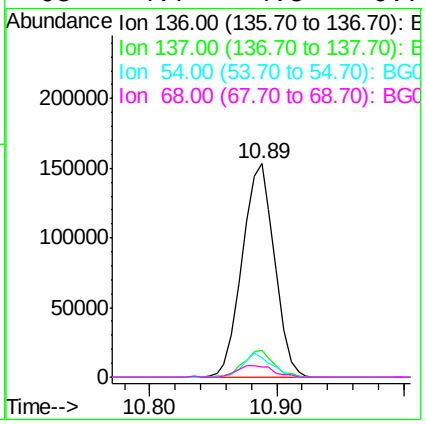


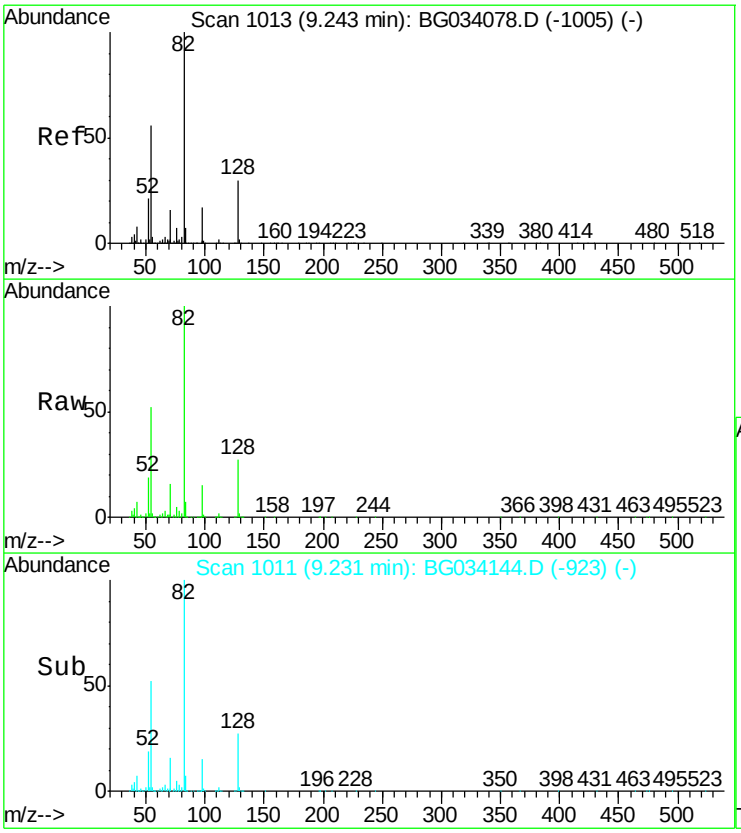
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 270270

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.2	13.8
54	8.7	10.3	15.5#
68	4.7	4.5	6.7

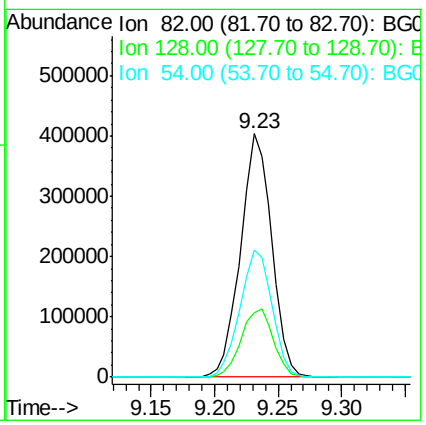


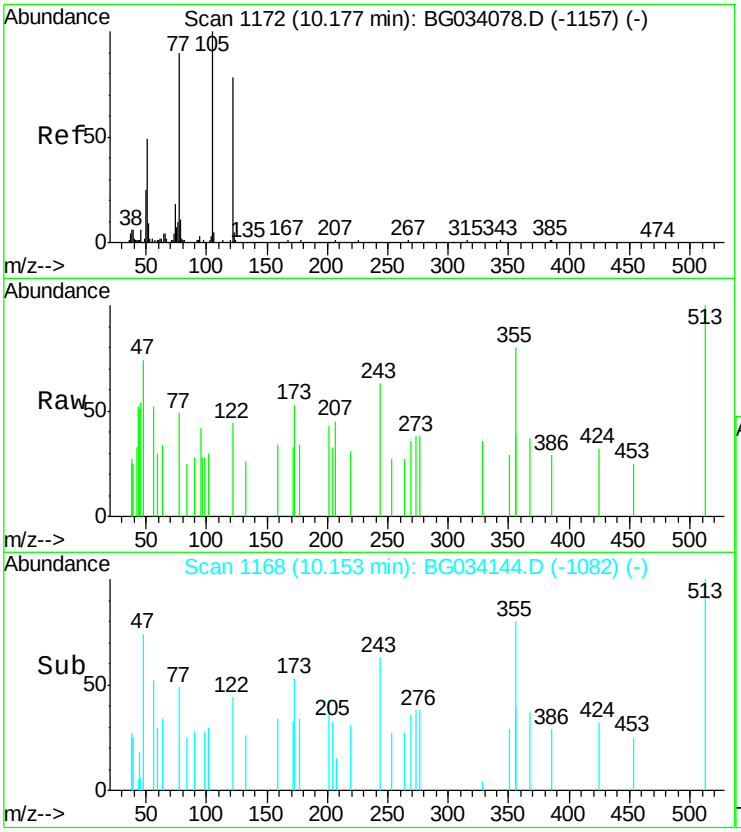


#23
Nitrobenzene-d5
Concen: 97.886 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Tgt Ion: 82 Resp: 689525

Ion	Ratio	Lower	Upper
82	100		
128	26.7	29.7	44.5#
54	52.1	43.1	64.7



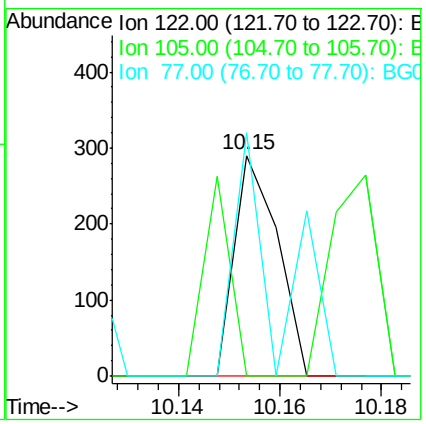


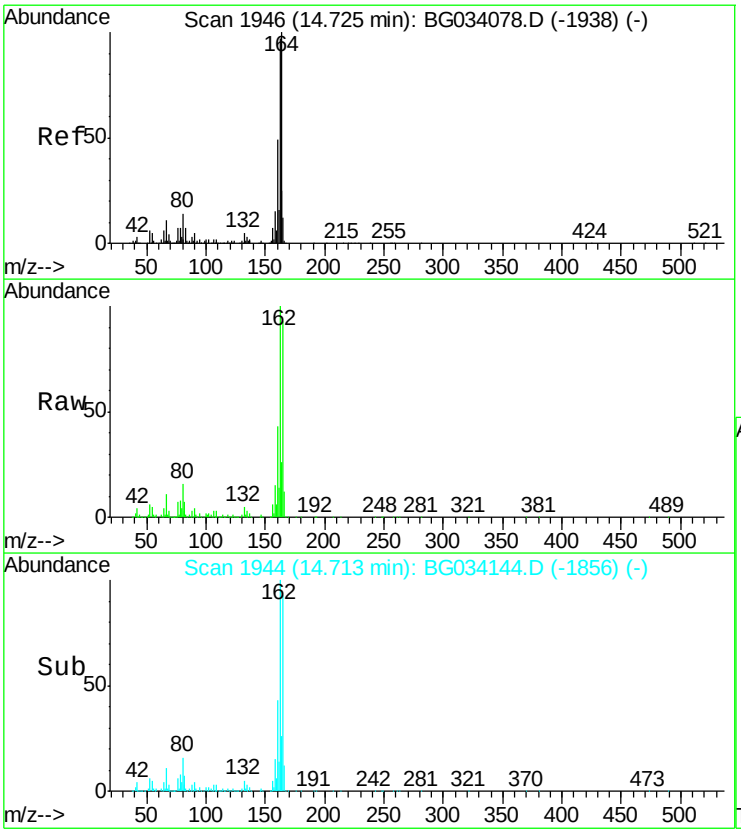
#32
Benzoic acid
Concen: 3.166 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 171

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	110.3	85.7	125.7

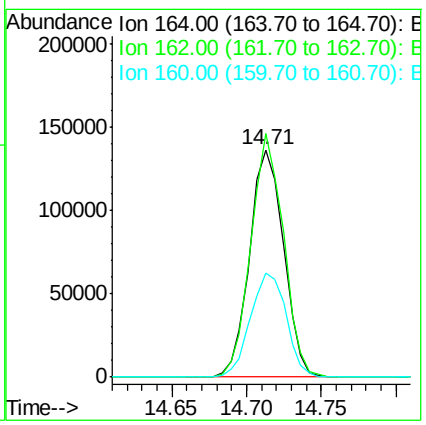


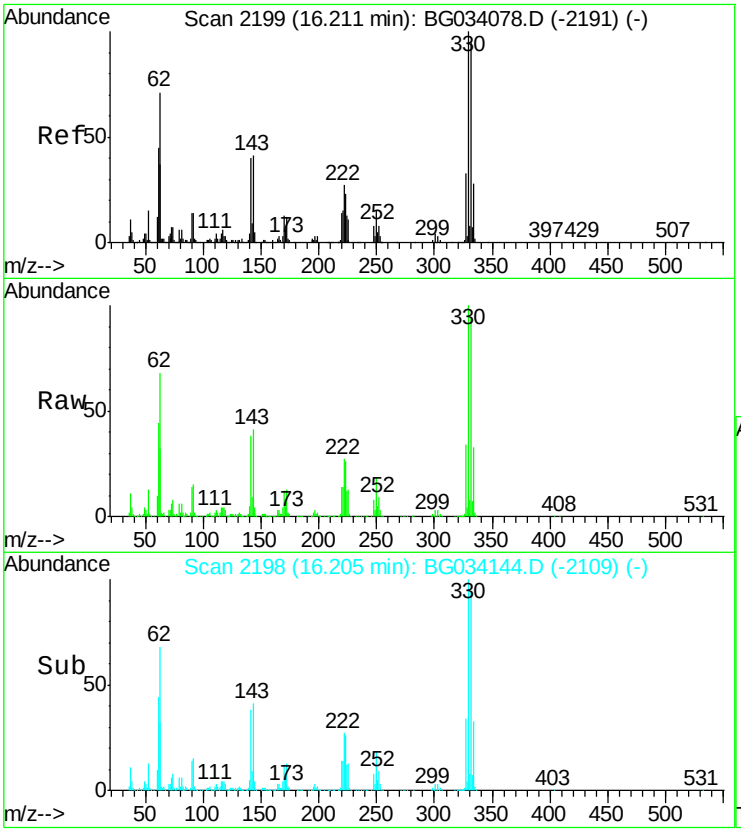


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Tgt Ion:164 Resp: 214547

Ion	Ratio	Lower	Upper
164	100		
162	107.1	78.8	118.2
160	46.0	35.4	53.0



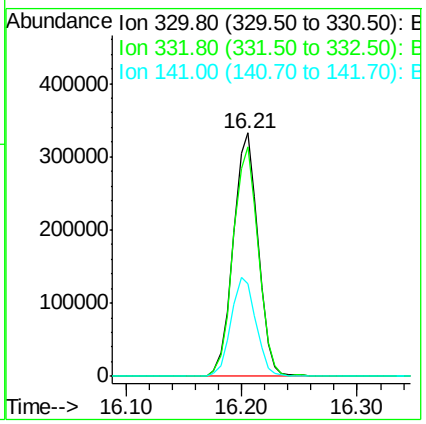


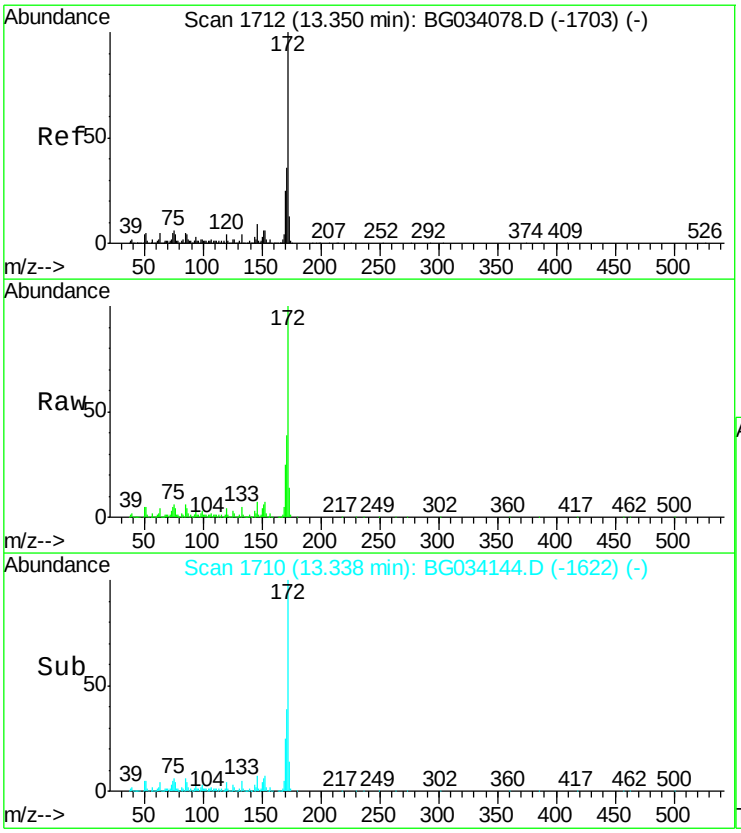
#41
2,4,6-Tribromophenol
Concen: 166.122 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 493524

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	40.9	25.2	37.8#

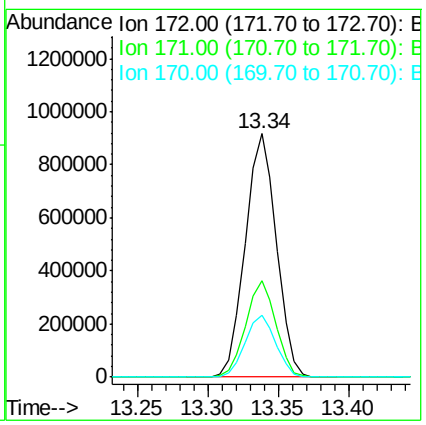


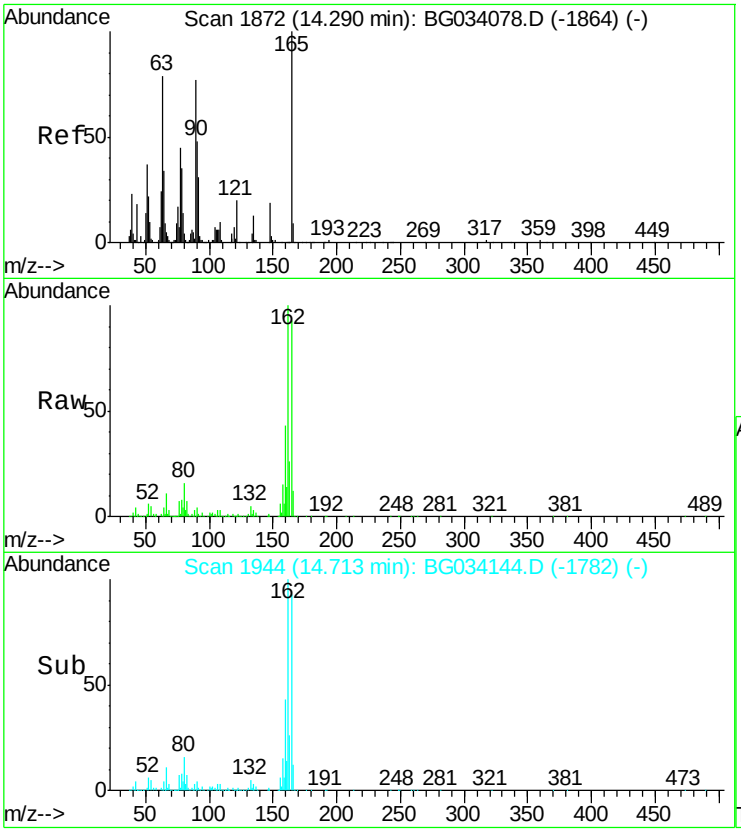


#44
2-Fluorobiphenyl
Concen: 96.580 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Tgt Ion:172 Resp: 1422014

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.0	45.0
170	25.2	19.5	29.3



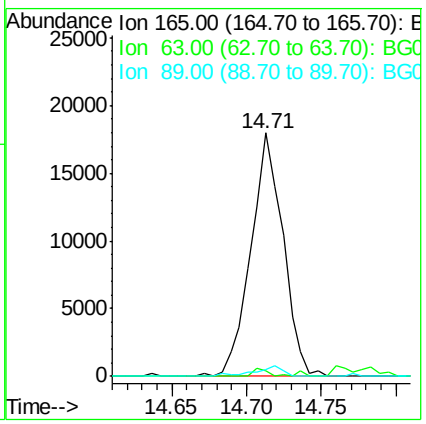


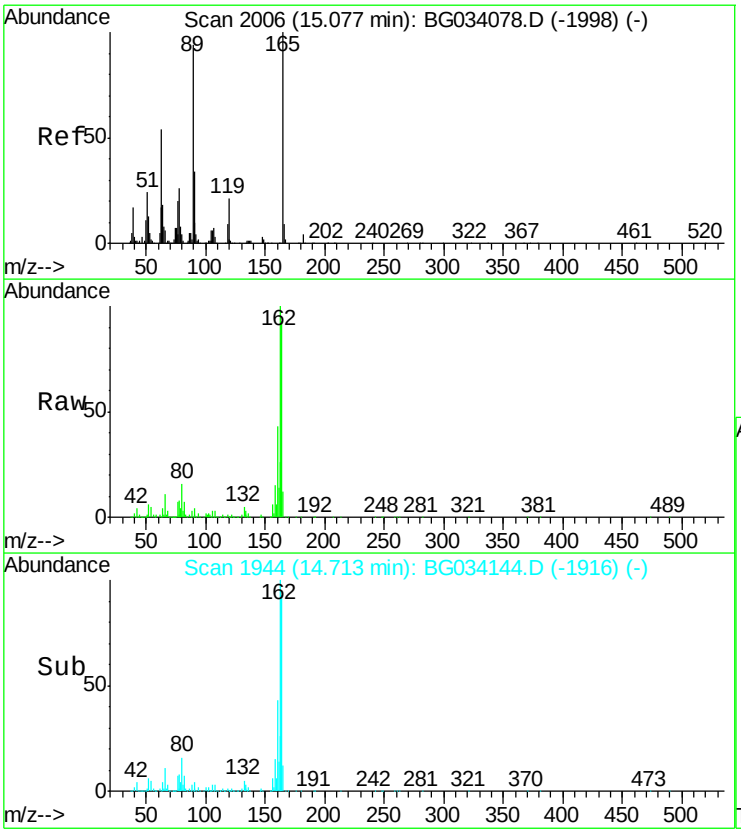
#50
2,6-Dinitrotoluene
Concen: 7.490 ng
RT: 14.71 min Scan# 1944
Delta R.T. 0.42 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 26762

Ion	Ratio	Lower	Upper
165	100		
63	2.4	52.7	79.1#
89	2.8	49.2	73.8#

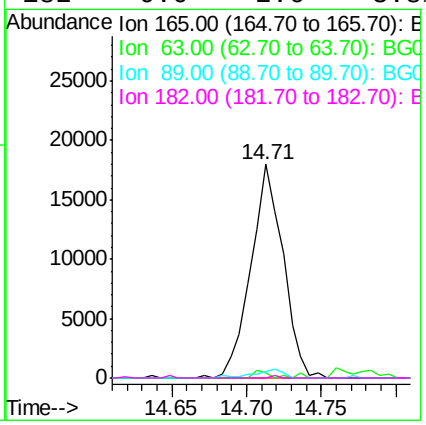


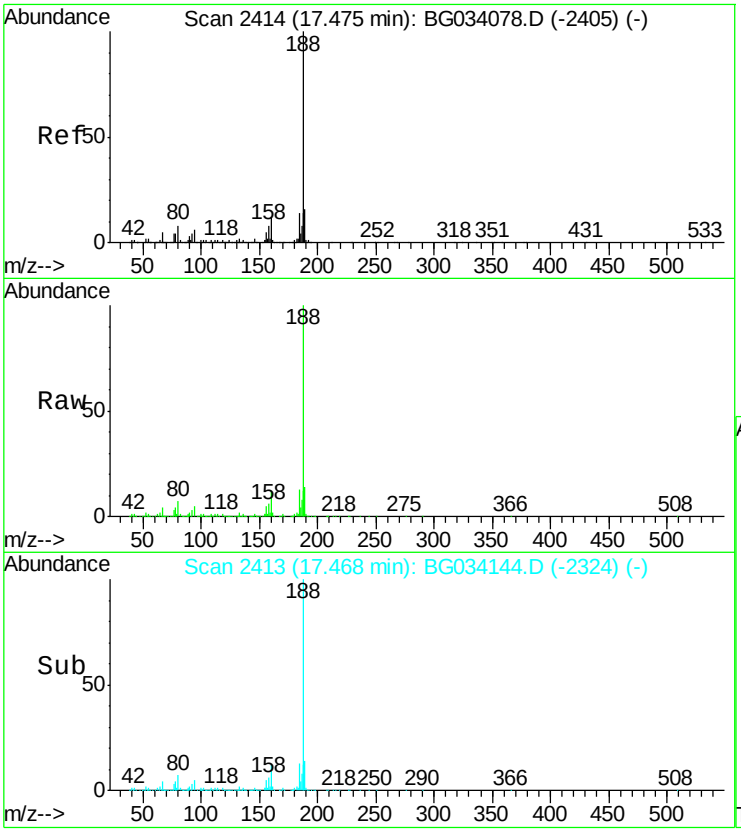


#56
2,4-Dinitrotoluene
Concen: 5.516 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.36 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Tgt Ion:165 Resp: 26762

Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	2.8	66.9	100.3#
182	0.0	2.6	3.8#



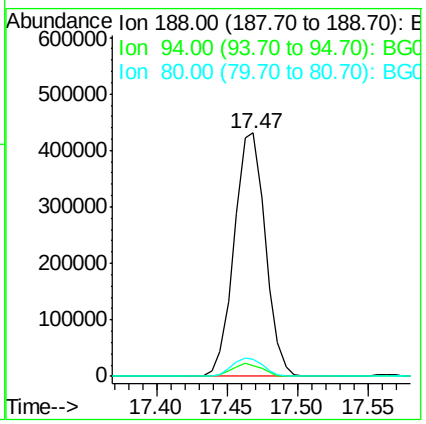


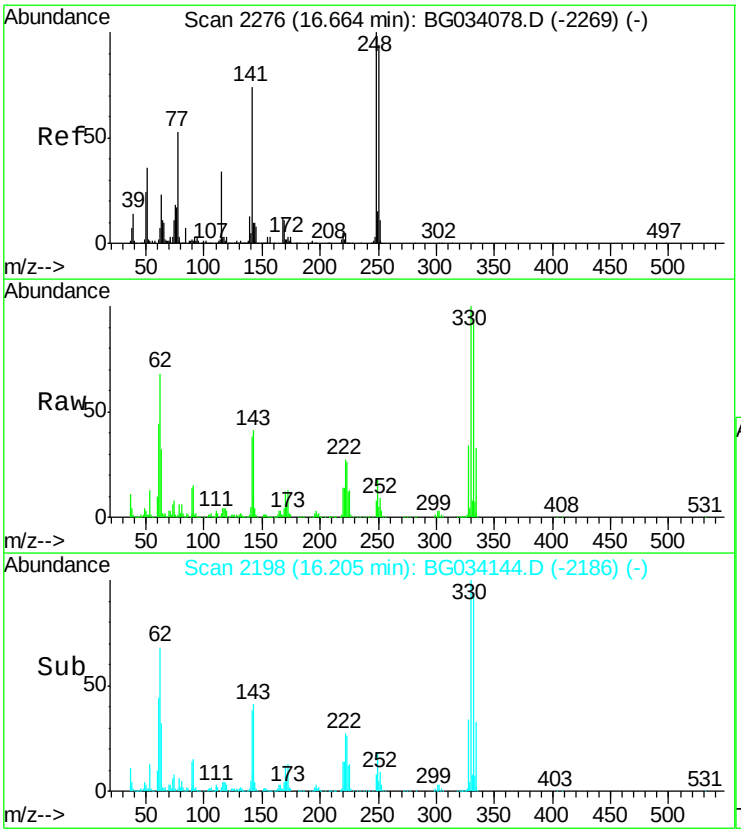
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 662513

Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	6.9	7.7	11.5#

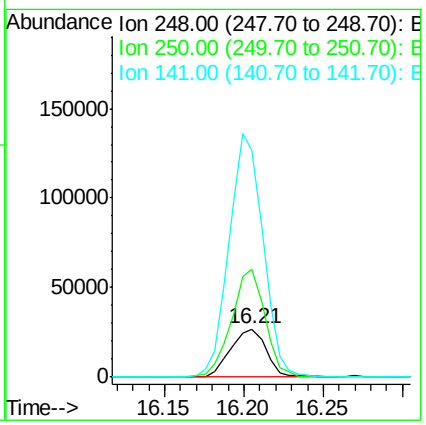


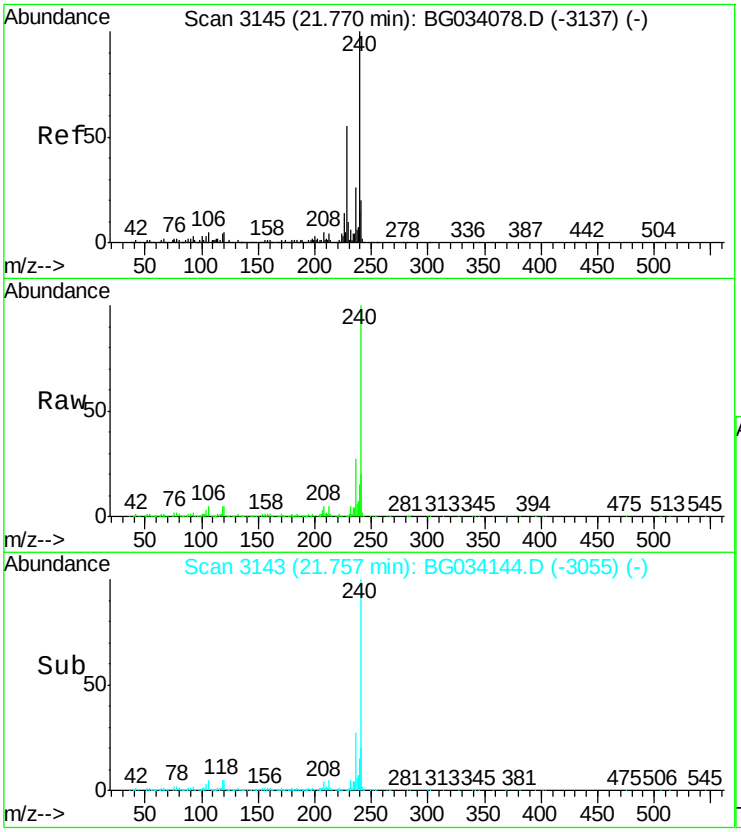


#66
4-Bromophenyl-phenylether
Concen: 5.098 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.46 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Tgt Ion:248 Resp: 41936

Ion	Ratio	Lower	Upper
248	100		
250	224.1	77.1	115.7#
141	469.2	50.8	76.2#



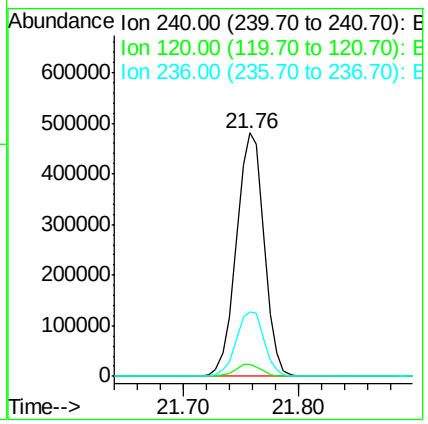


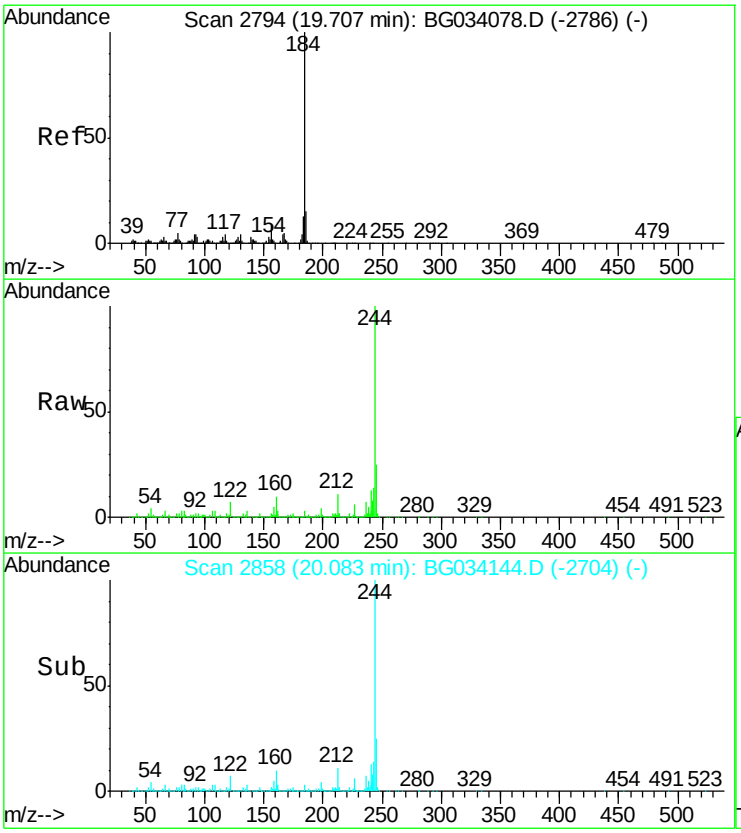
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 794855

Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	26.6	20.9	31.3

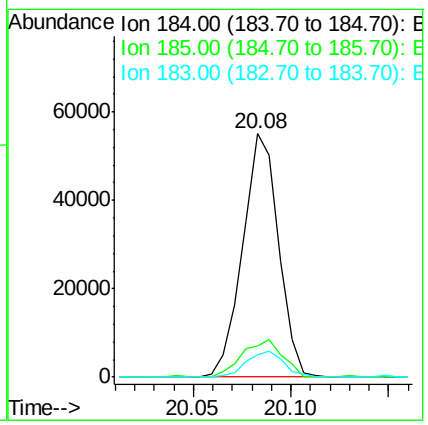


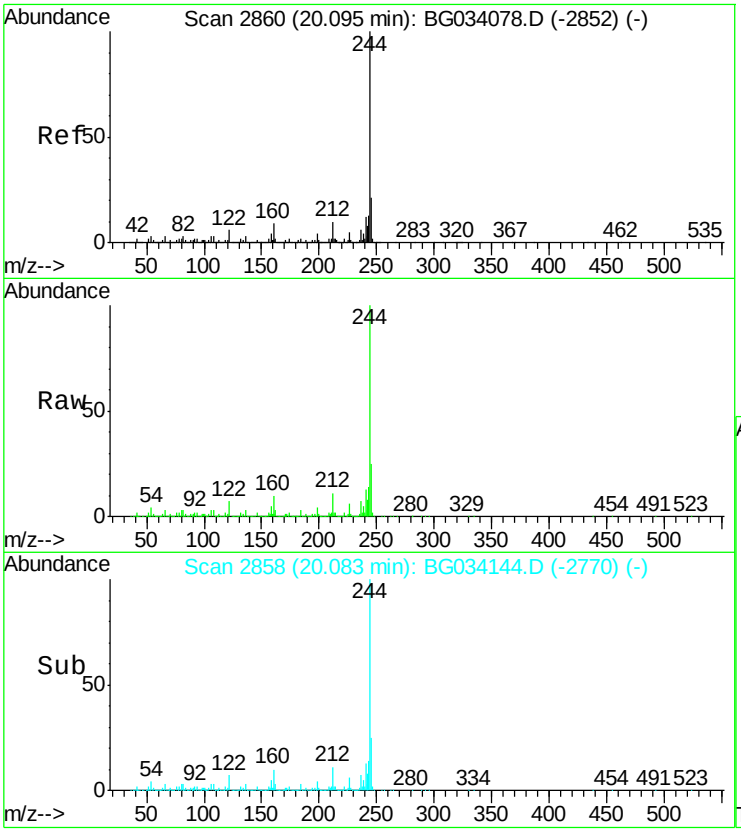


#76
Benzidine
Concen: 3.416 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.38 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Tgt Ion:184 Resp: 69935

Ion	Ratio	Lower	Upper
184	100		
185	12.7	11.1	16.7
183	9.0	10.6	16.0#



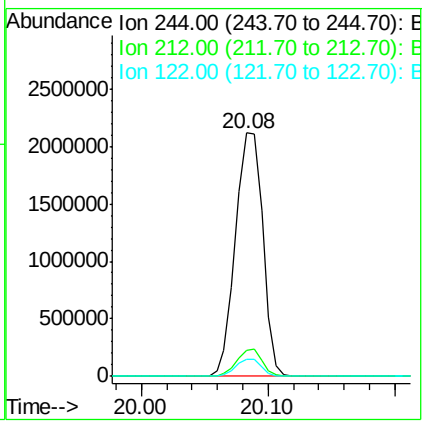


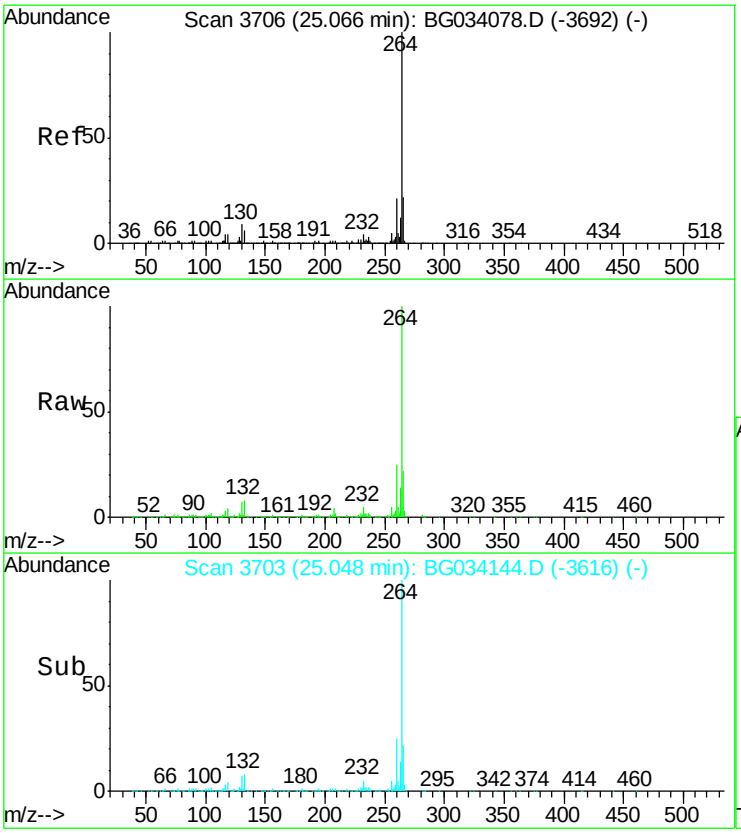
#78
Terphenyl-d14
Concen: 87.011 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 3157082

Ion	Ratio	Lower	Upper
244	100		
212	10.9	5.8	8.8#
122	7.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Tgt Ion:264 Resp: 767478

Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	22.1	17.7	26.5