Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
Data File : BG035999.D
Acq On : 31 Jul 2018 7:15
Operator : JU/SJ
Sample : J4219-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 31 07:51:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 01:42:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33682	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	130918	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	102312	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	276234	20.00	ng	0.00
75) Chrysene-d12	21.65	240	287557	20.00	ng	0.00
86) Perylene-d12	24.85	264	269073	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	98454	48.53	ng	0.00
7) Phenol-d6	7.19	99	89524	29.58	ng	0.00
23) Nitrobenzene-d5	9.18	82	313651	100.08	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	136080	100.91	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	801814	104.99	ng	0.00
78) Terphenyl-d14	20.00	244	1213241	93.00	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.35	79	5503	2.002	ng	# 58
19) n-Nitroso-di-n-propylamine	9.18	70	43636	17.120	ng	# 67
49) Dimethylphthalate	14.11	163	28228	3.149	ng	# 94
50) 2,6-Dinitrotoluene	14.65	165	13600	7.450	ng	# 18
53) 2,4-Dinitrophenol	15.24	184	86	6.666	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	13600	5.193	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	11503	3.589	ng	# 1
76) Benzidine	20.00	184	20846	2.757	ng	95

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

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Data File : BG035999.D
Acq On : 31 Jul 2018 7:15
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Misc :
ALS Vial : 31 Sample Multiplier: 1

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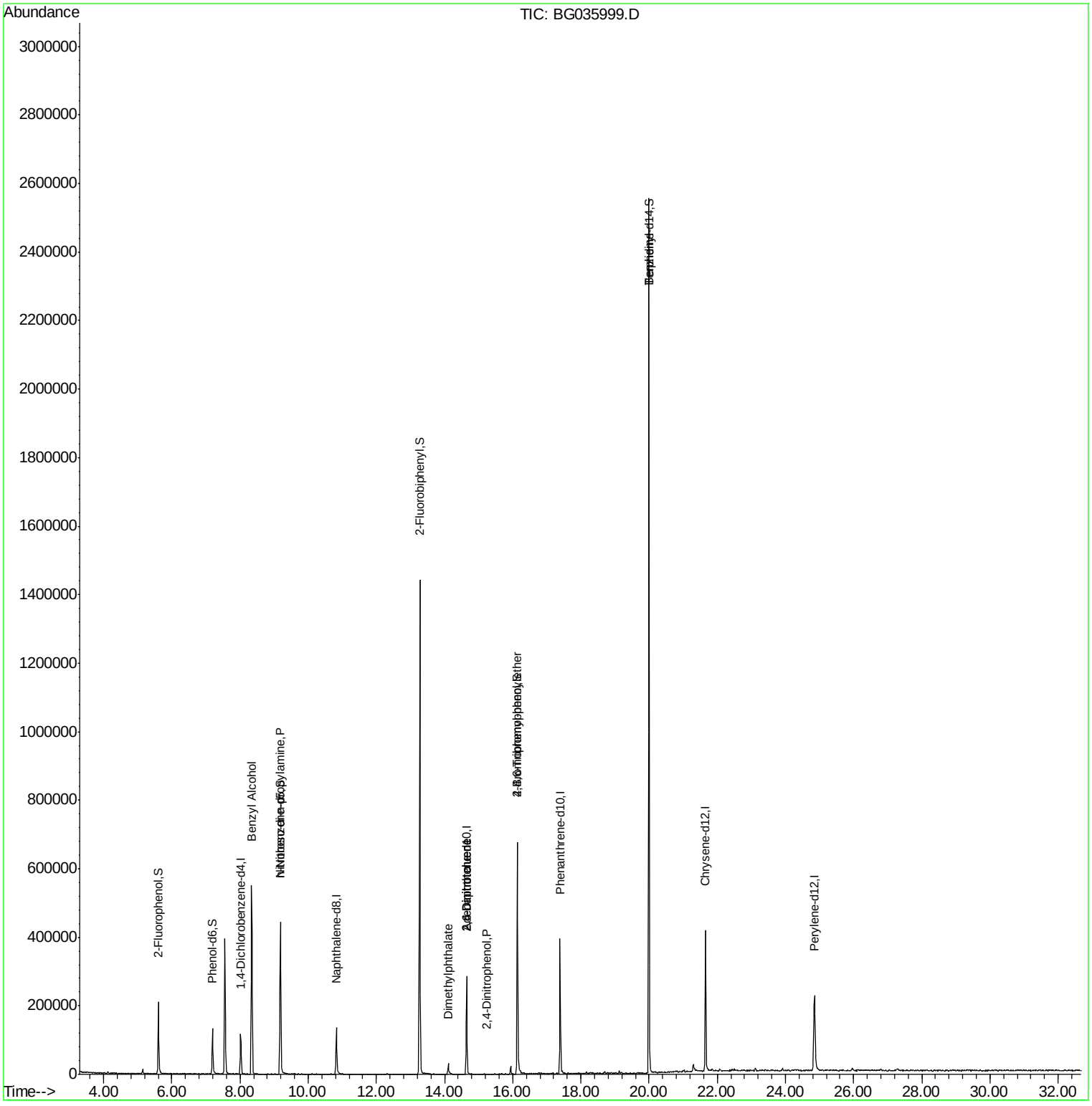
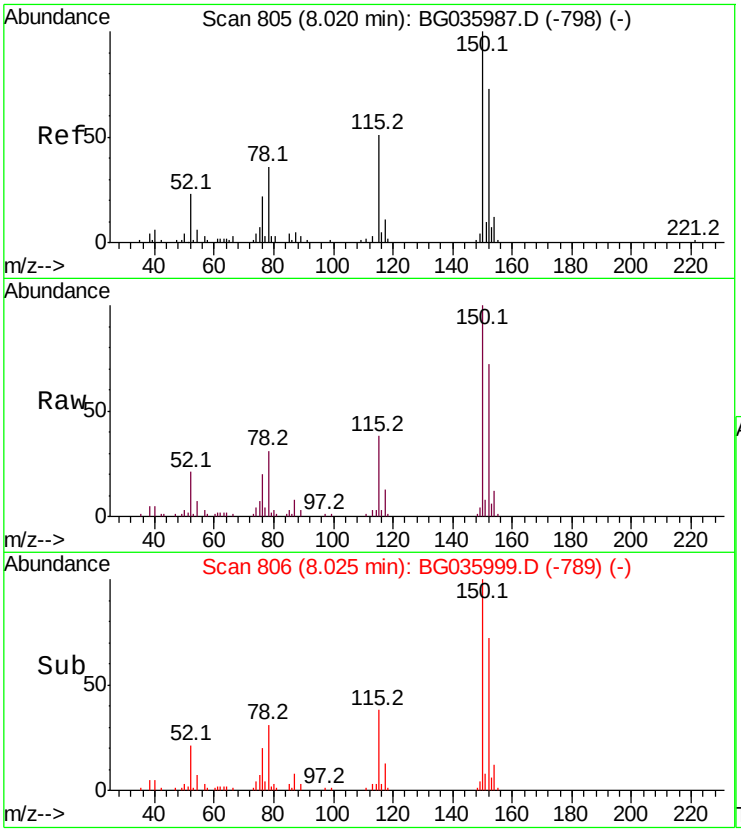
BNA_G
ClientSampleId :

Quant Time: Jul 31 07:51:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 01:42:28 2018
Response via : Initial Calibration



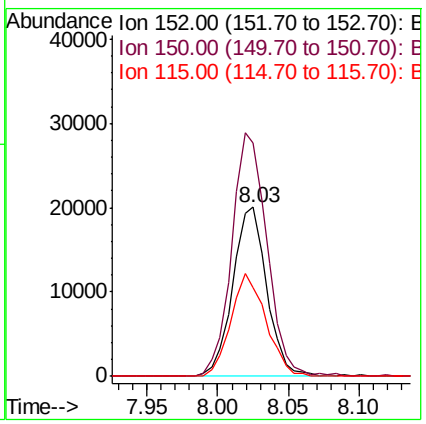


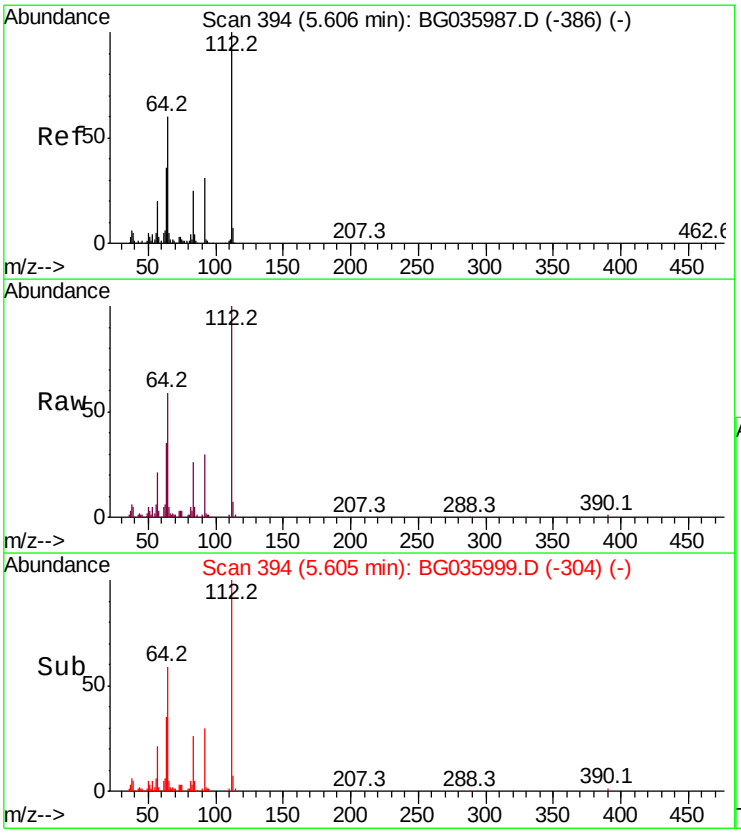
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33682

Ion	Ratio	Lower	Upper
152	100		
150	138.0	126.6	189.8
115	52.7	53.0	79.4#

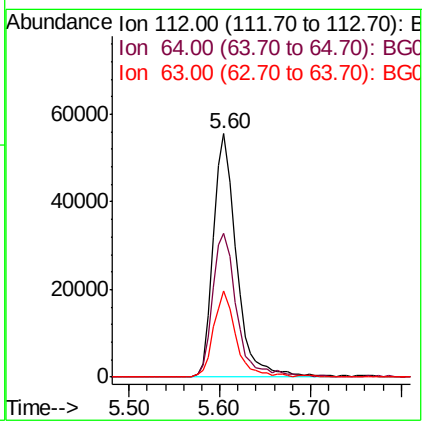


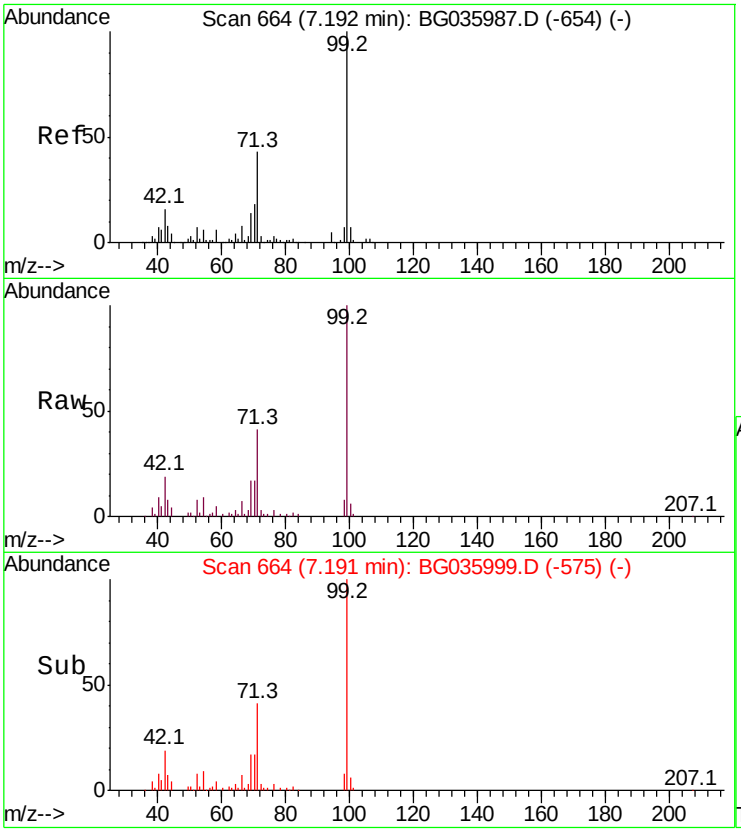


#5
2-Fluorophenol
Concen: 48.529 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Tgt Ion:112 Resp: 98454

Ion	Ratio	Lower	Upper
112	100		
64	59.3	56.3	84.5
63	35.2	30.1	45.1



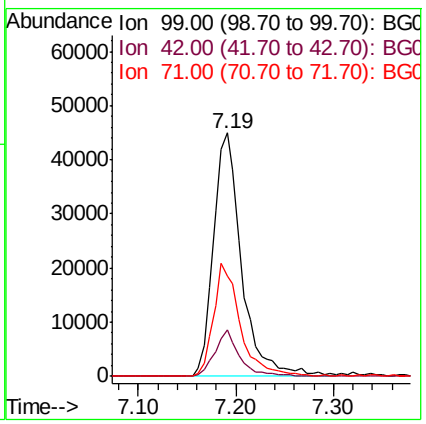


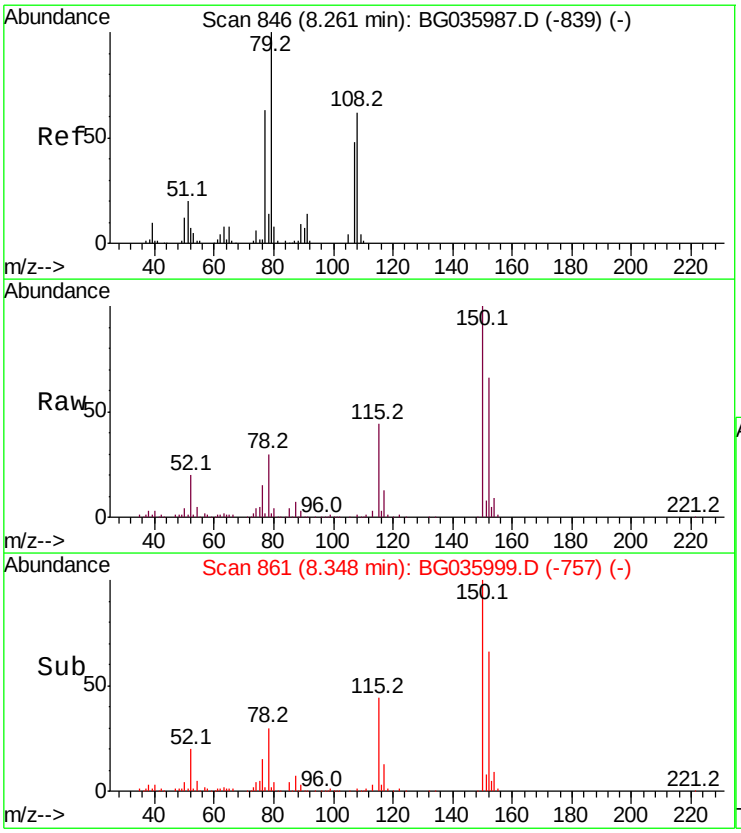
#7
Phenol-d6
Concen: 29.576 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 89524

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	41.3	26.1	39.1#

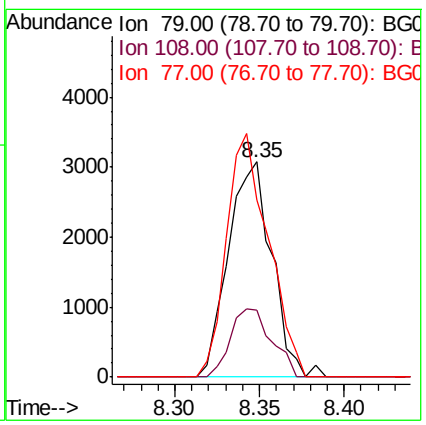


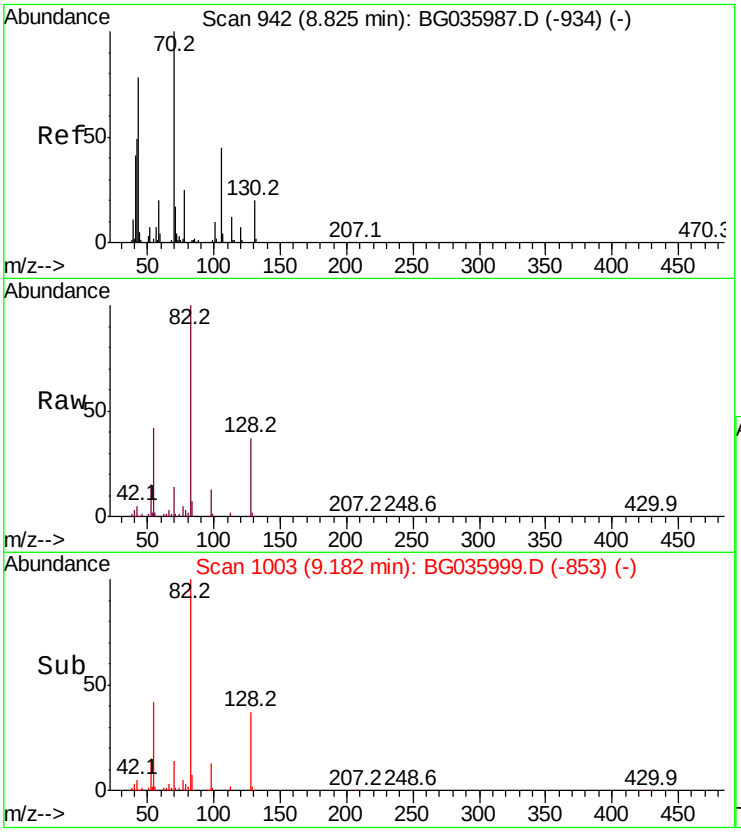


#15
Benzyl Alcohol
Concen: 2.002 ng
RT: 8.35 min Scan# 861
Delta R.T. 0.08 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Tgt Ion: 79 Resp: 5503

Ion	Ratio	Lower	Upper
79	100		
108	31.0	57.2	85.8#
77	82.4	46.1	69.1#



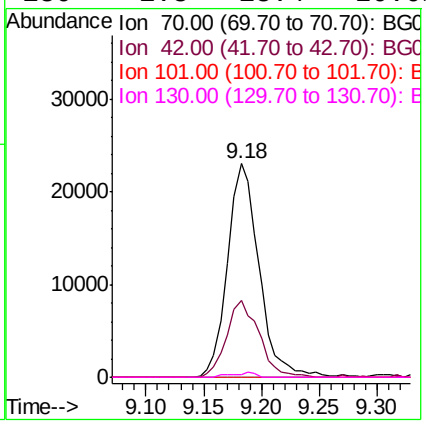


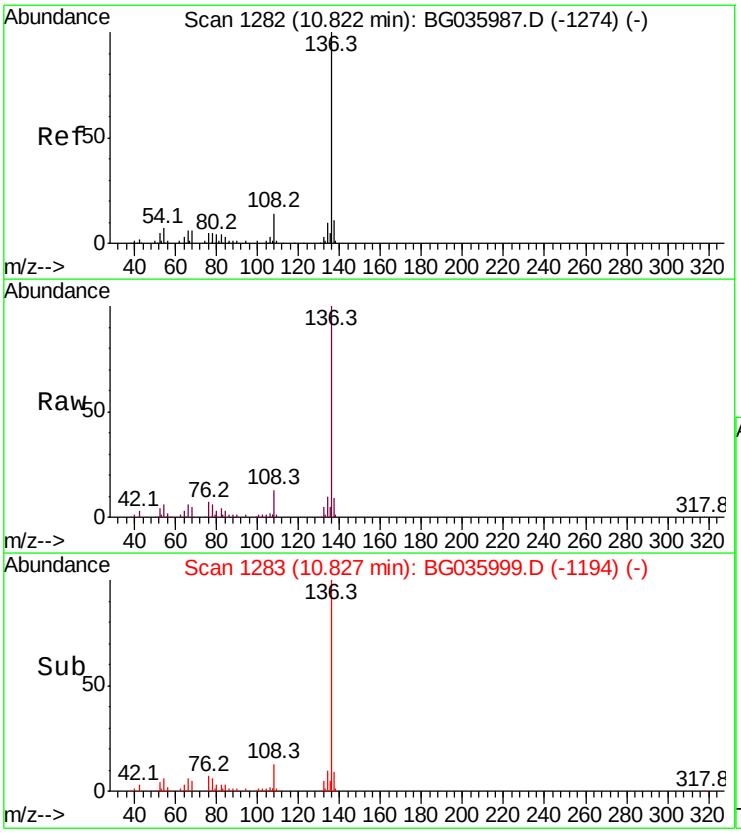
#19
n-Nitroso-di-n-propylamine
Concen: 17.120 ng
RT: 9.18 min Scan# 1003
Delta R.T. 0.35 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 43636

Ion	Ratio	Lower	Upper
70	100		
42	36.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#

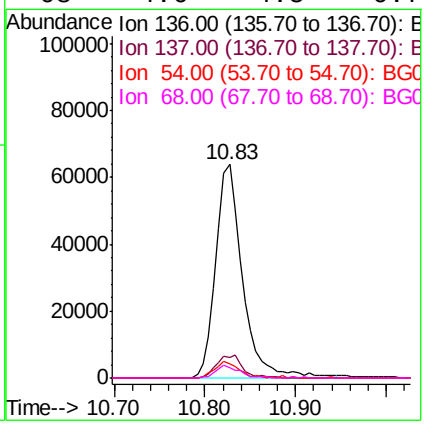


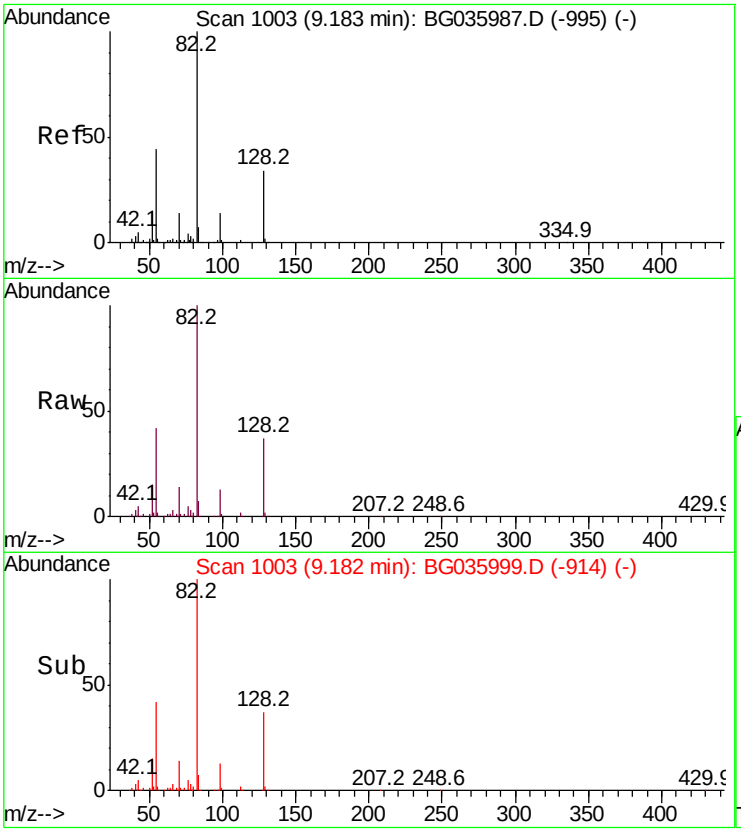


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Tgt Ion:136 Resp: 130918

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	6.3	10.3	15.5#
68	4.6	4.5	6.7



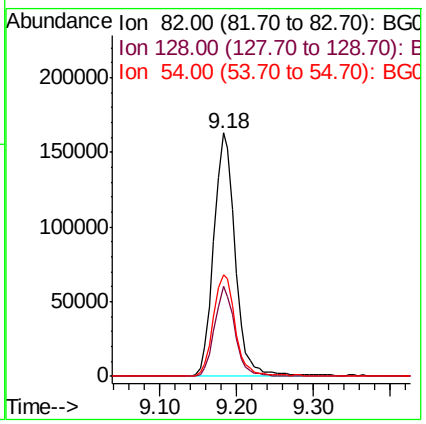


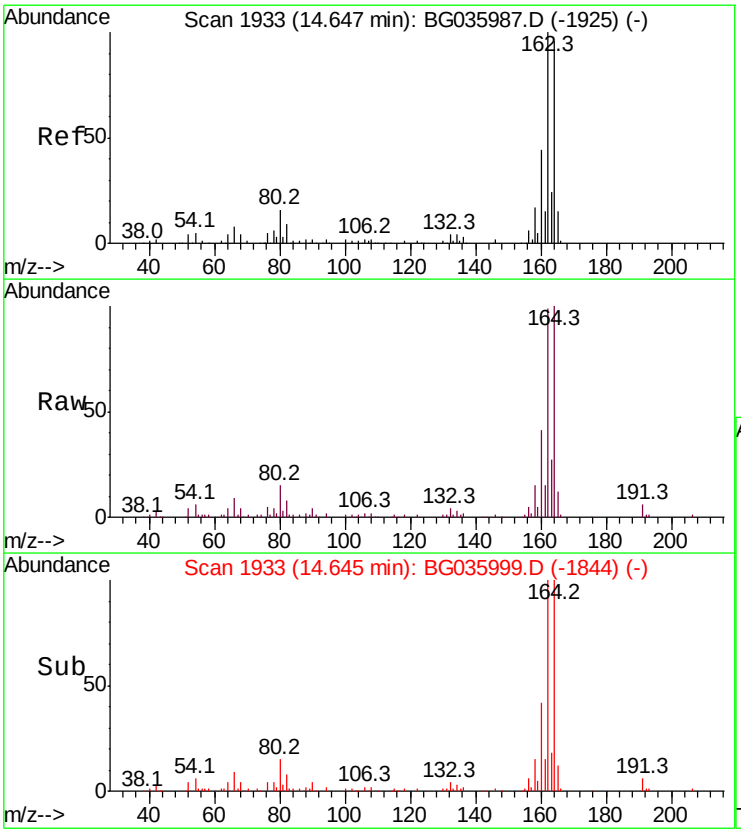
#23
Nitrobenzene-d5
Concen: 100.083 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 313651

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.7	44.5
54	42.0	43.1	64.7#

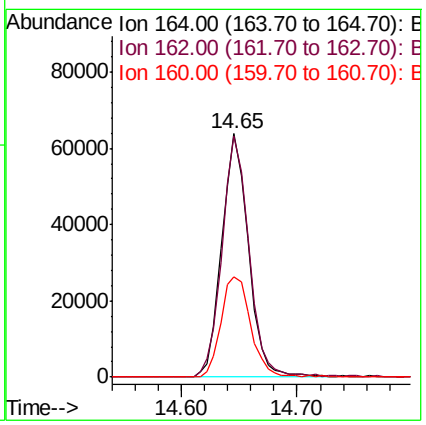


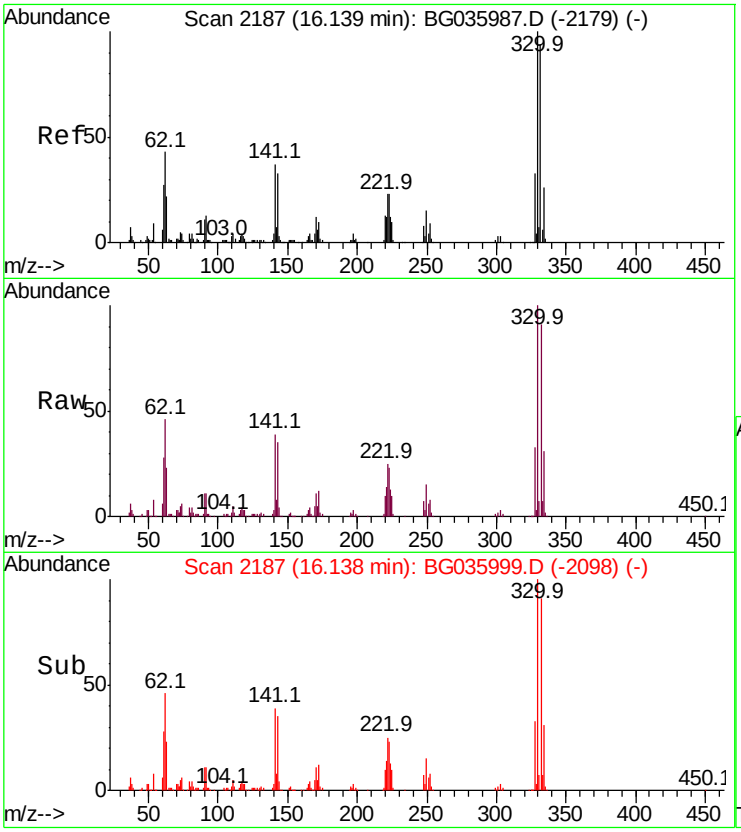


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Tgt Ion:164 Resp: 102312

Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.8	118.2
160	41.3	35.4	53.0



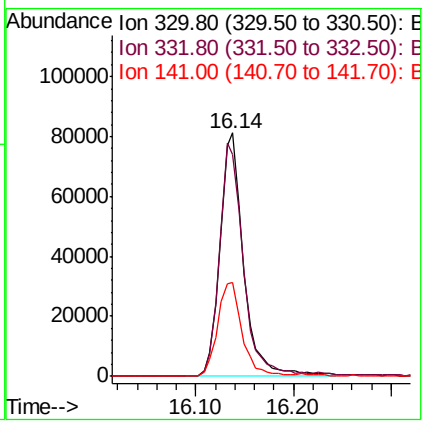


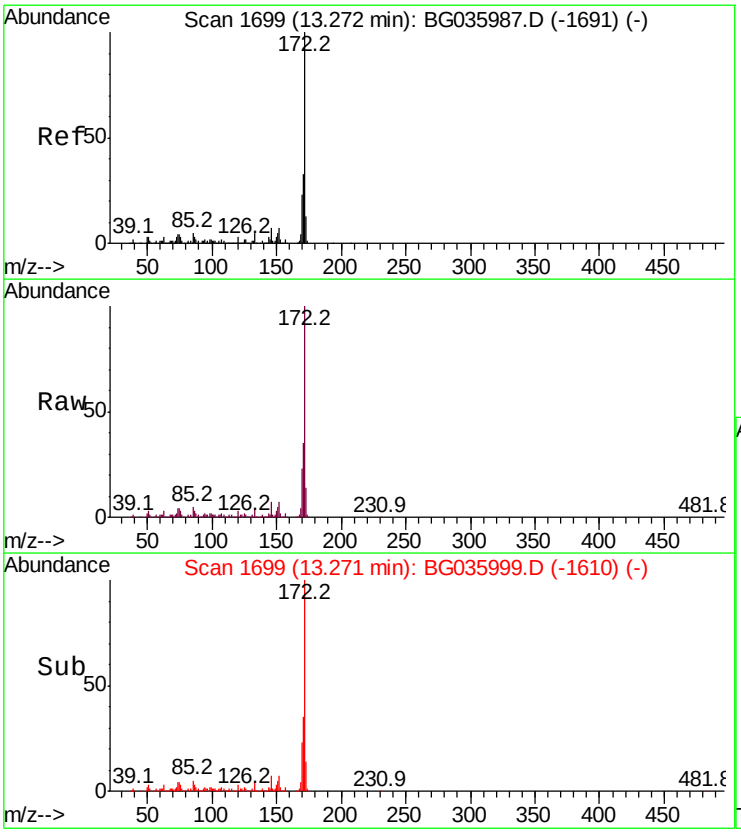
#41
2,4,6-Tribromophenol
Concen: 100.909 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 136080

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	40.1	25.2	37.8#

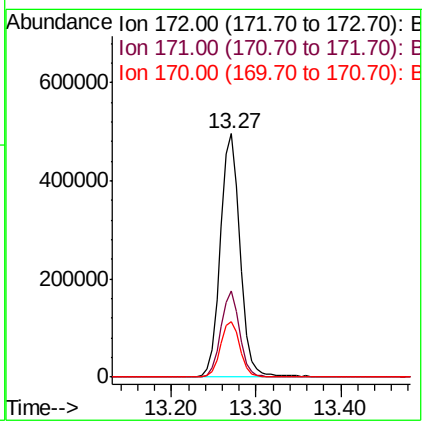


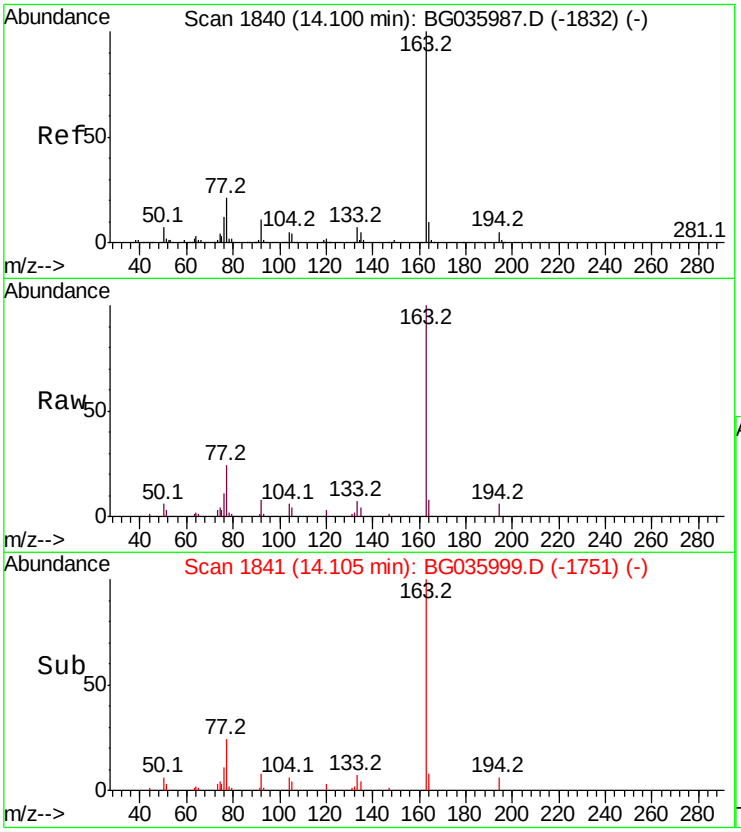


#44
2-Fluorobiphenyl
Concen: 104.995 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Tgt Ion:172 Resp: 801814

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	22.9	19.5	29.3



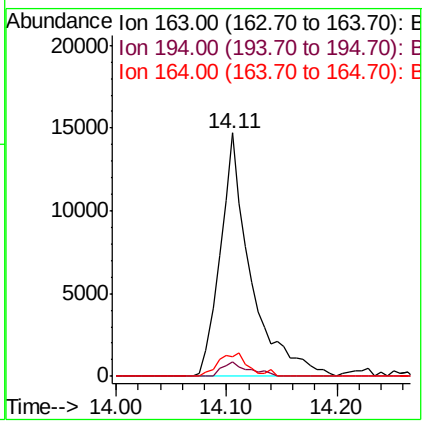


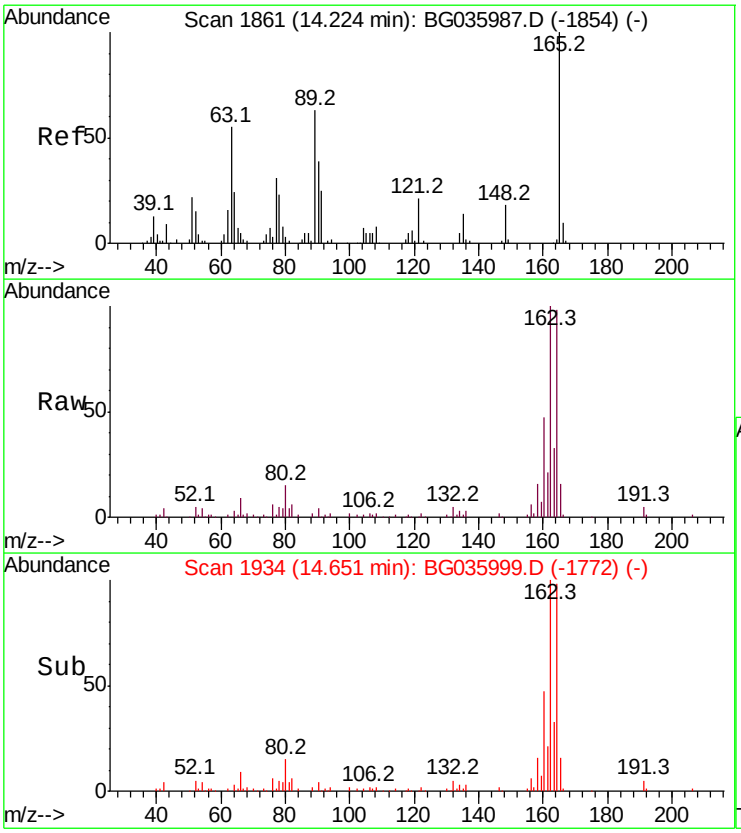
#49
Dimethylphthalate
Concen: 3.149 ng
RT: 14.11 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 28228

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.4	5.2#
164	8.0	8.2	12.4#

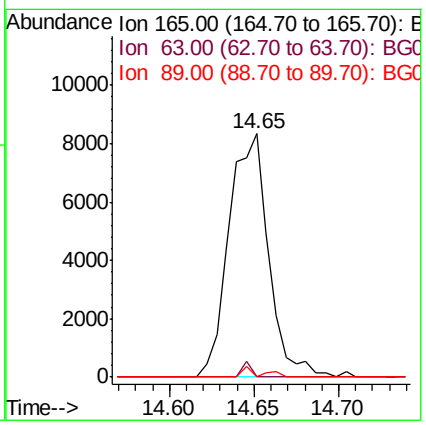


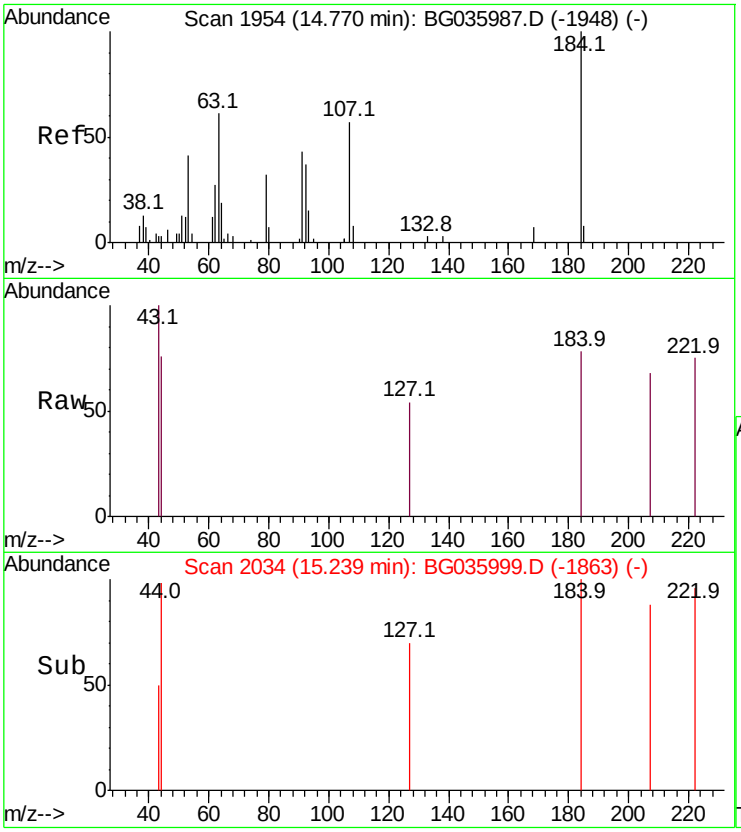


#50
2,6-Dinitrotoluene
Concen: 7.450 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Tgt Ion:165 Resp: 13600

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



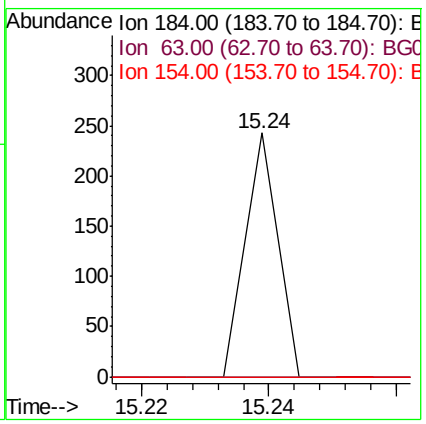


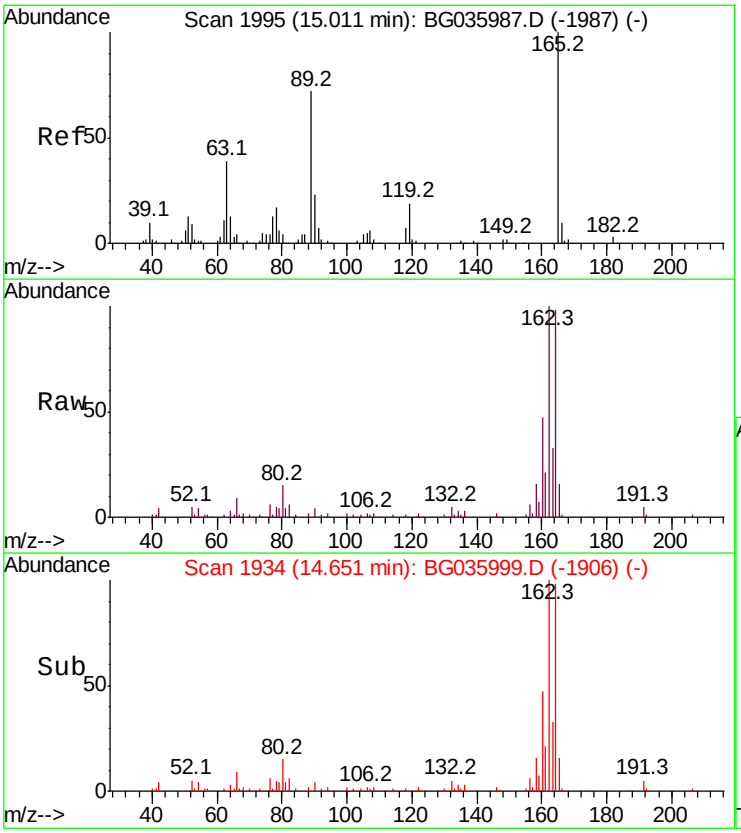
#53
2,4-Dinitrophenol
Concen: 6.666 ng
RT: 15.24 min Scan# 2034
Delta R.T. 0.48 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 86

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

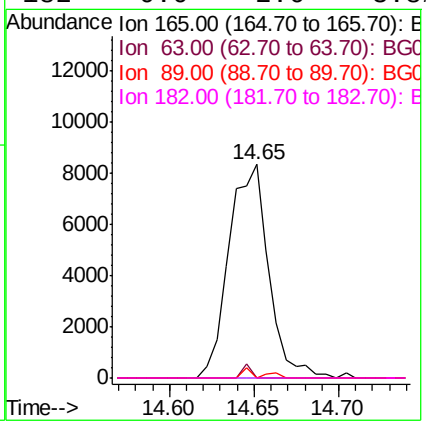


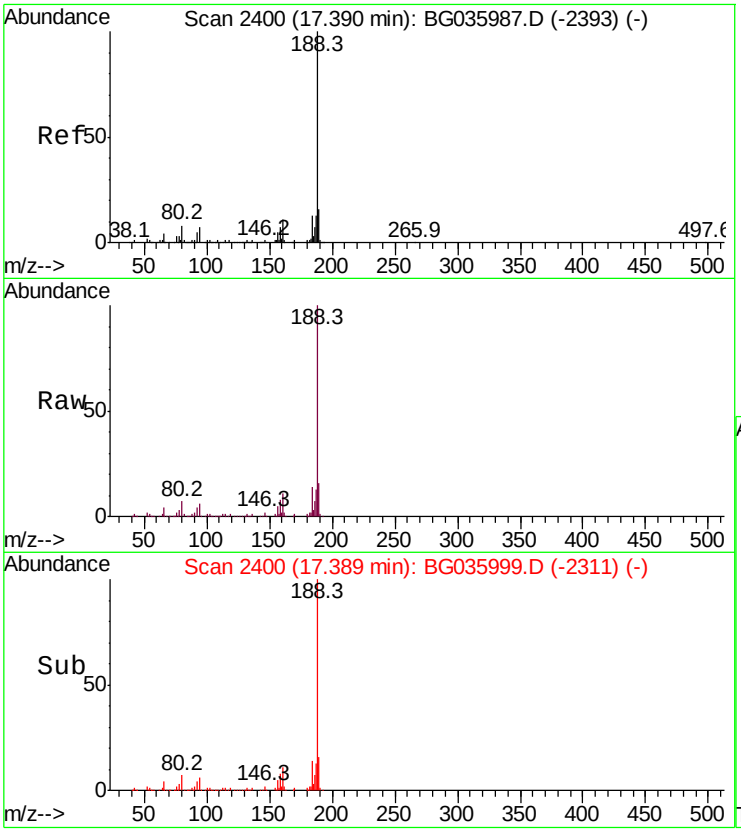


#56
2,4-Dinitrotoluene
Concen: 5.193 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.36 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Tgt Ion:165 Resp: 13600

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#



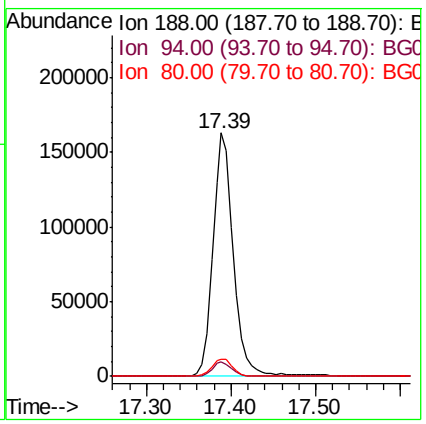


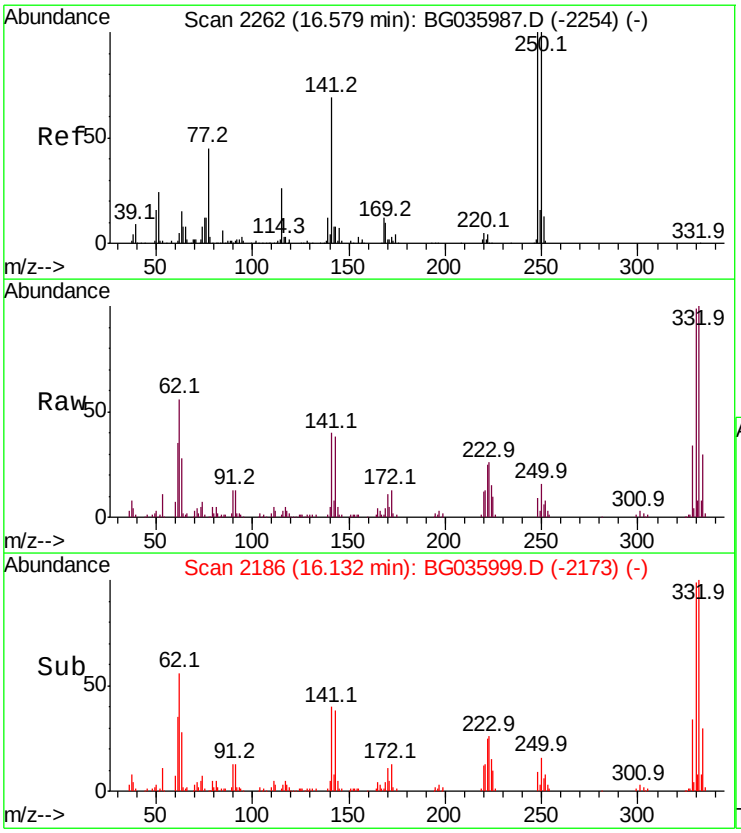
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 276234

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.2	7.7	11.5#

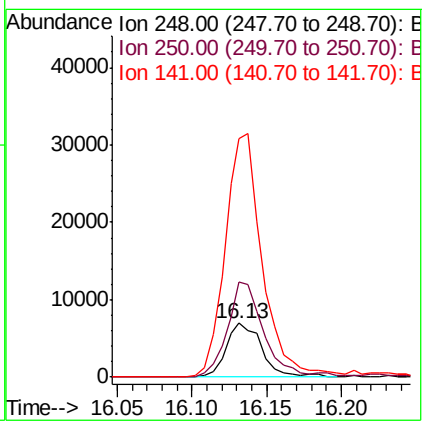


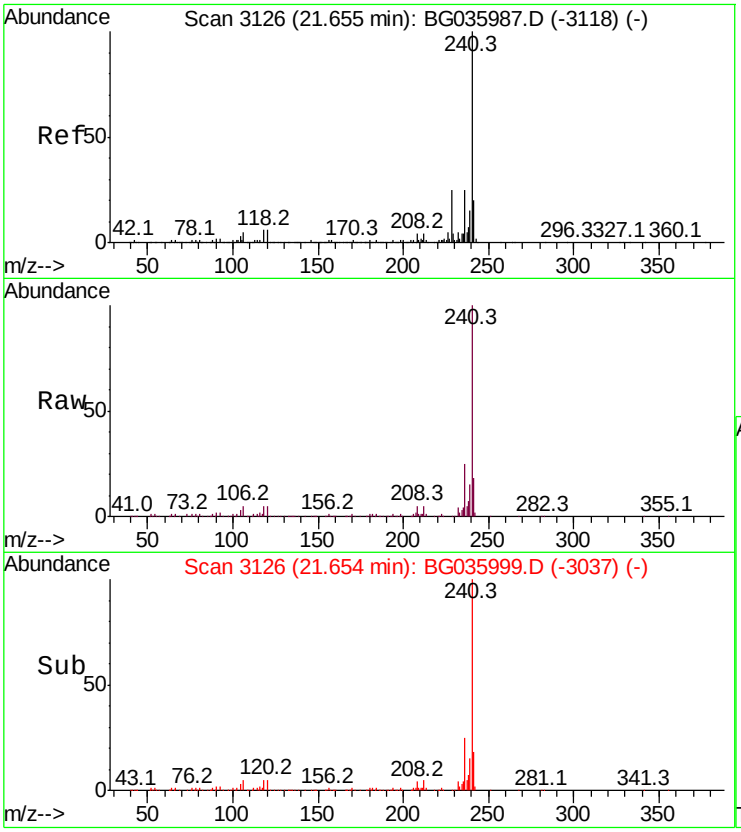


#66
4-Bromophenyl-phenylether
Concen: 3.589 ng
RT: 16.13 min Scan# 2186
Delta R.T. -0.45 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Tgt Ion:248 Resp: 11503

Ion	Ratio	Lower	Upper
248	100		
250	177.3	77.1	115.7#
141	442.7	50.8	76.2#



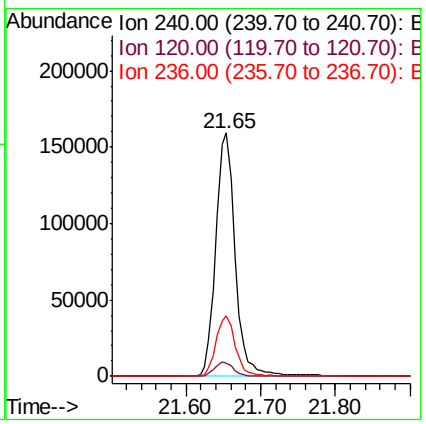


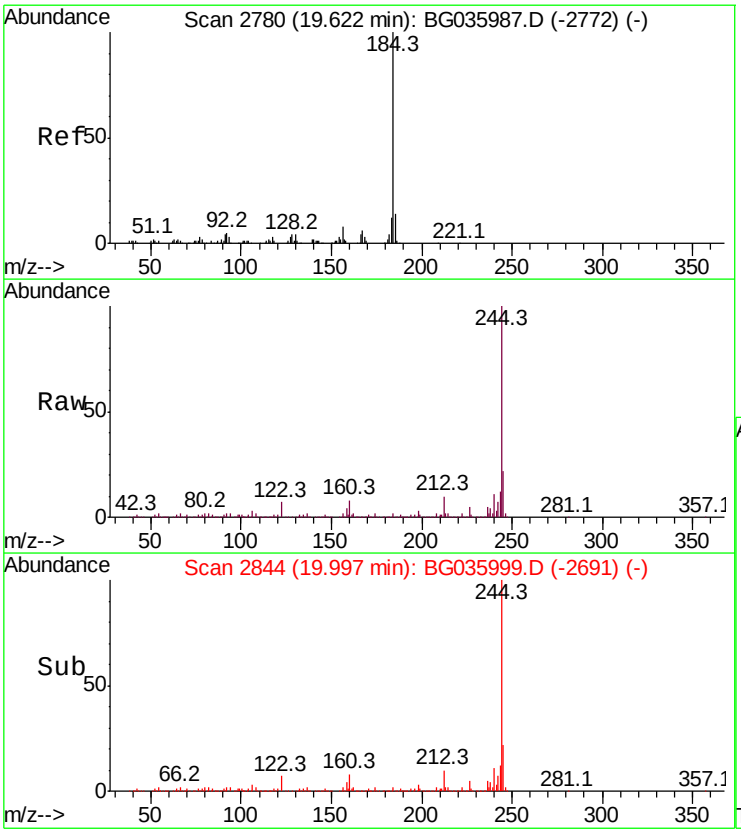
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 287557

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	25.1	20.9	31.3

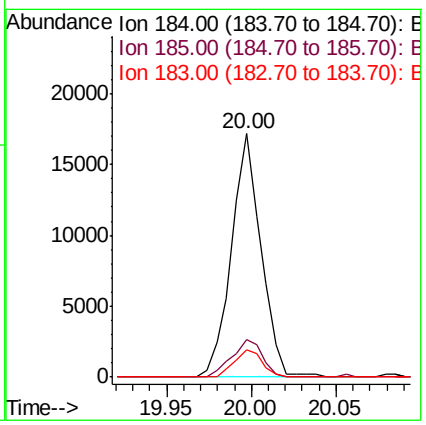


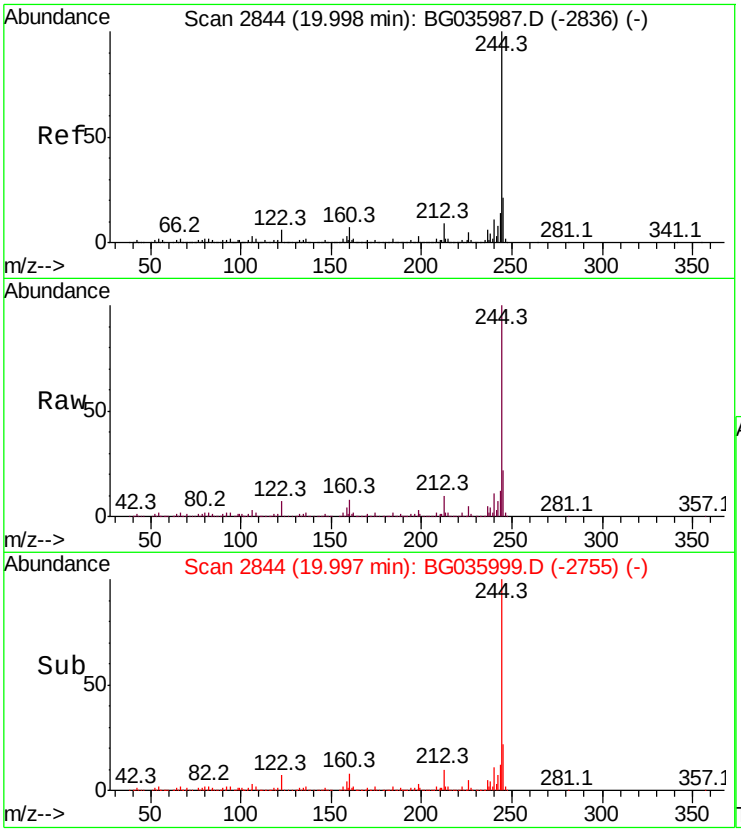


#76
Benzidine
Concen: 2.757 ng
RT: 20.00 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Tgt Ion:184 Resp: 20846

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.1	16.7
183	11.0	10.6	16.0



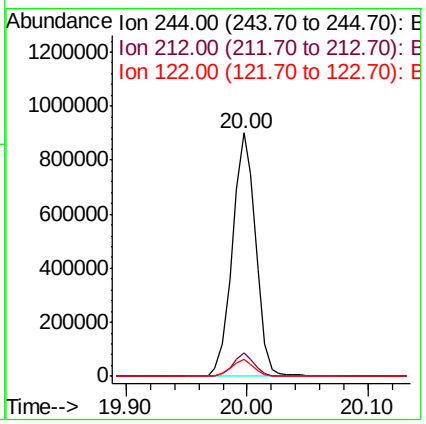


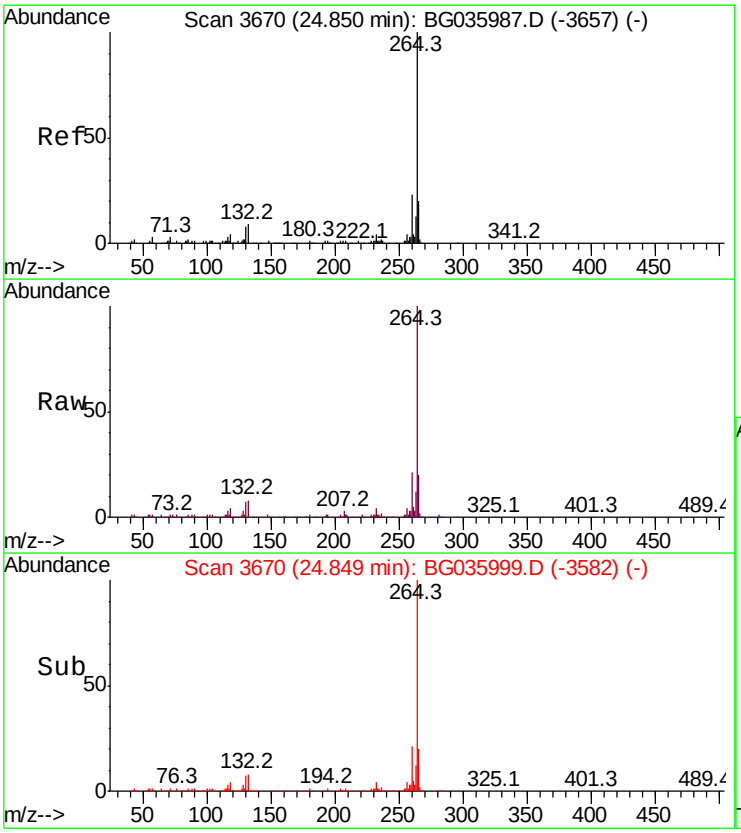
#78
Terphenyl-d14
Concen: 93.002 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1213241

Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG035999.D
Acq: 31 Jul 2018 7:15

Tgt Ion:264 Resp: 269073

Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.4	26.0
265	19.7	17.7	26.5