Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
Data File : BG035991.D
Acq On : 31 Jul 2018 2:03
Operator : JU/SJ
Sample : J4219-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 31 05:23:21 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	8.02	152	32828	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	124767	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	96003	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	269448	20.00	ng	0.00
75) Chrysene-d12	21.65	240	283449	20.00	ng	0.00
86) Perylene-d12	24.85	264	261867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	98144	49.64	ng	0.00
7) Phenol-d6	7.19	99	95804	32.47	ng	0.00
23) Nitrobenzene-d5	9.18	82	307127	102.83	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	135336	106.95	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	765452	106.82	ng	0.00
78) Terphenyl-d14	20.00	244	1243812	96.73	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.35	79	5567	2.078	ng	# 52
19) n-Nitroso-di-n-propylamine	9.19	70	42382	17.060	ng	# 69
50) 2,6-Dinitrotoluene	14.64	165	12279	7.169	ng	# 20
56) 2,4-Dinitrotoluene	14.64	165	12279	4.997	ng	# 18
76) Benzidine	20.00	184	22509	3.021	ng	# 92

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

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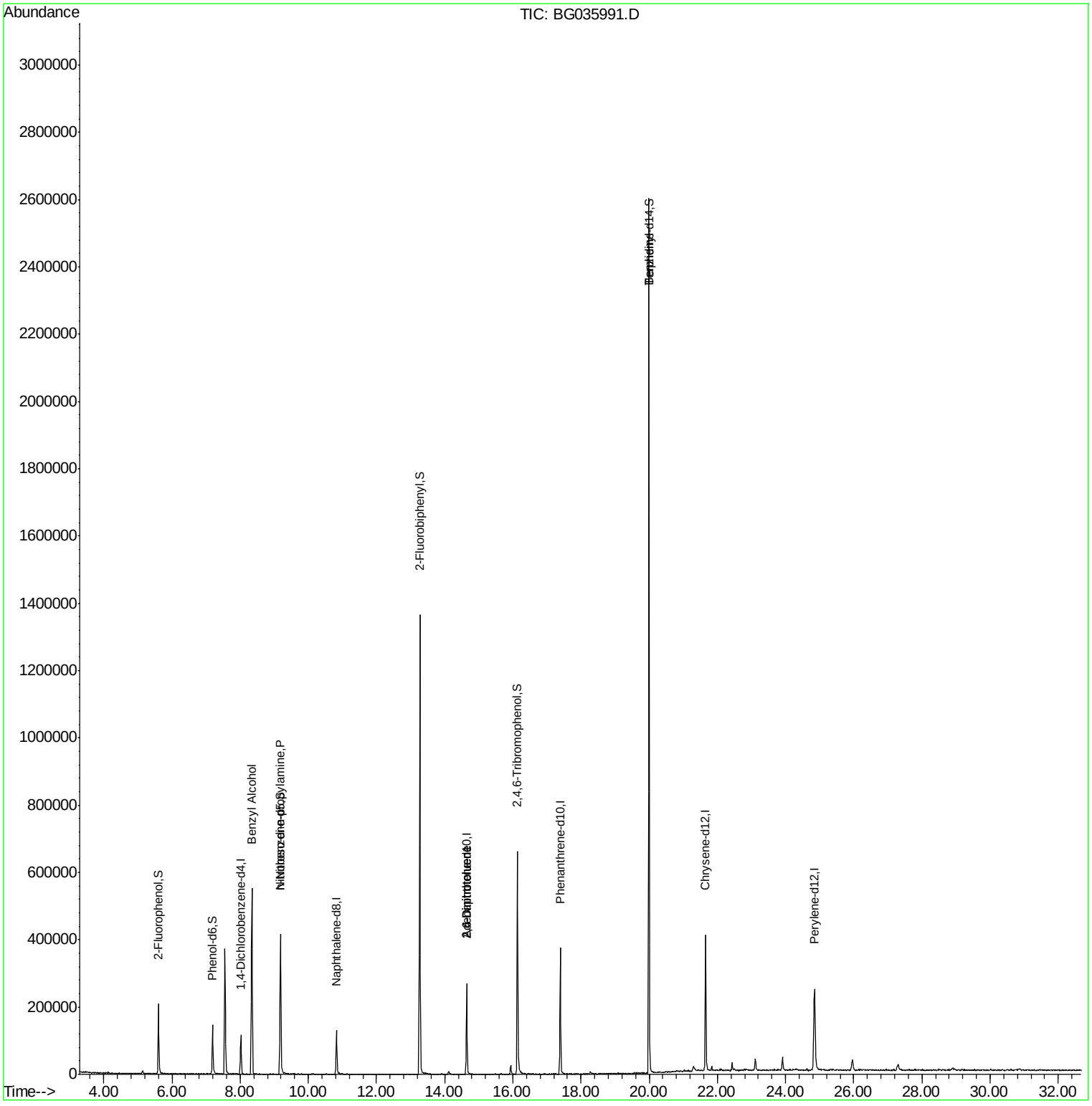
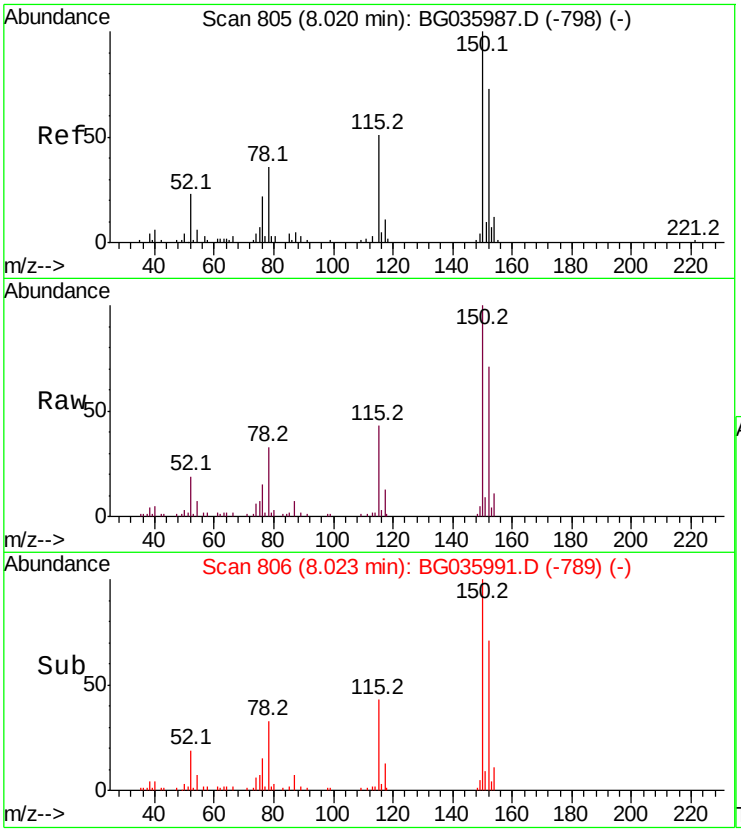


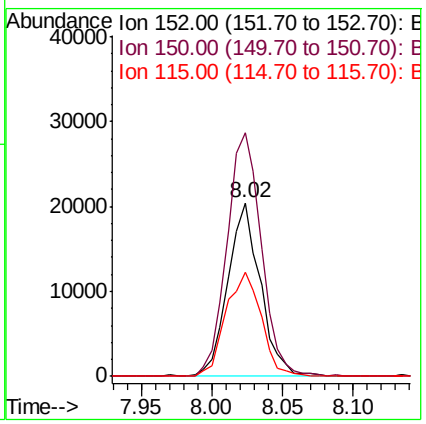


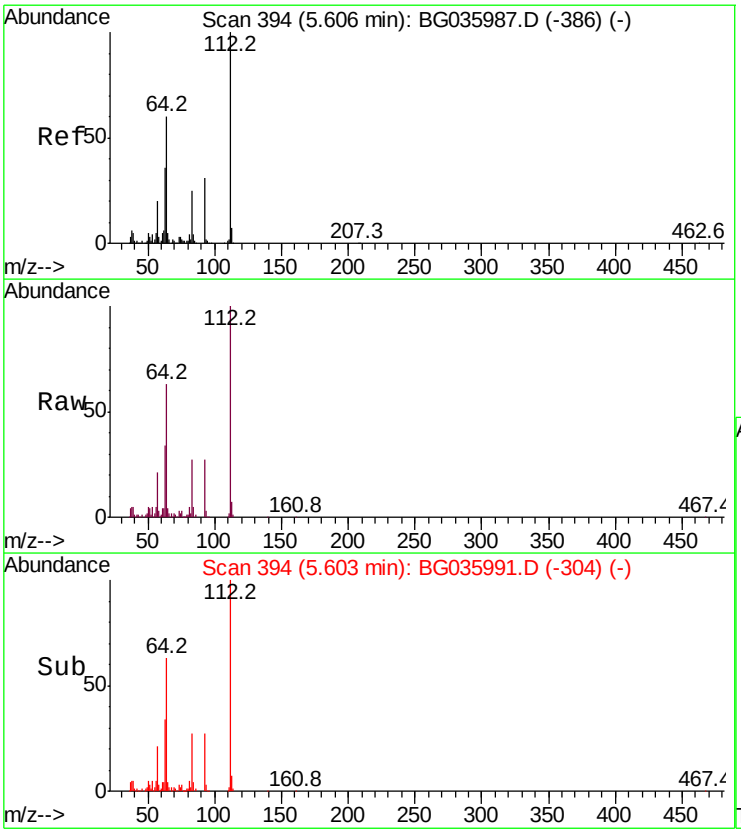
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 32828

Ion	Ratio	Lower	Upper
152	100		
150	140.1	126.6	189.8
115	60.3	53.0	79.4

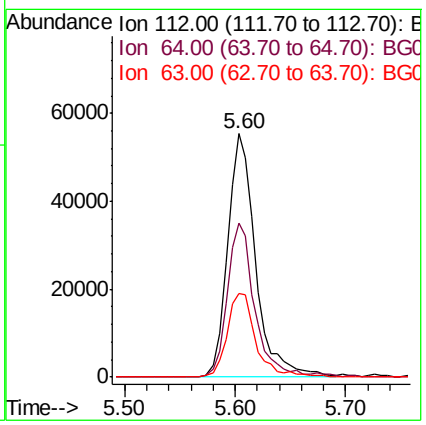


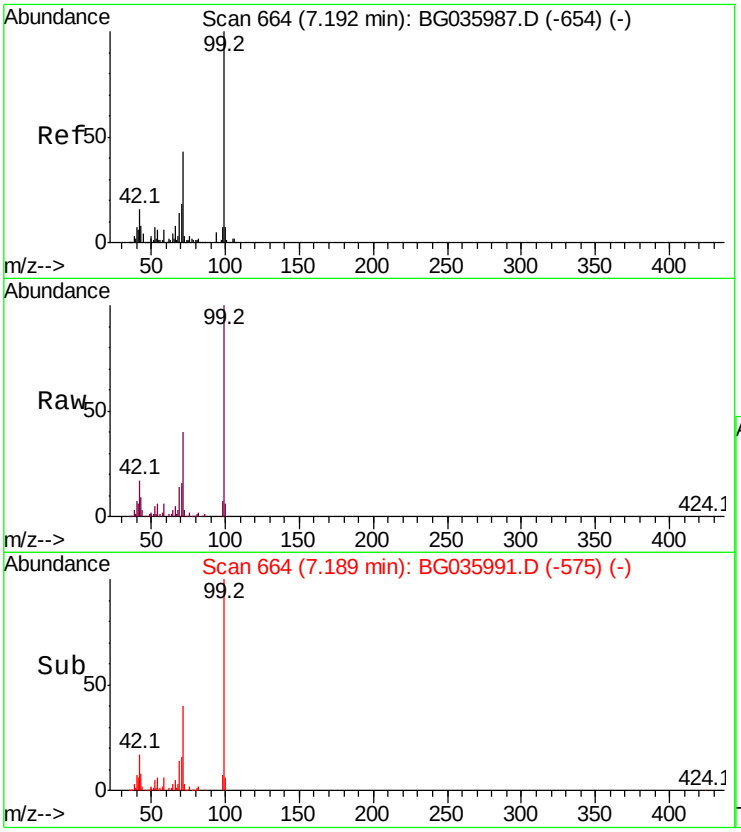


#5
2-Fluorophenol
Concen: 49.635 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Tgt Ion:112 Resp: 98144

Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.3	84.5
63	34.4	30.1	45.1



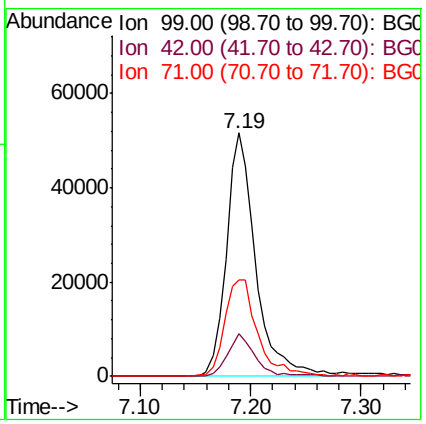


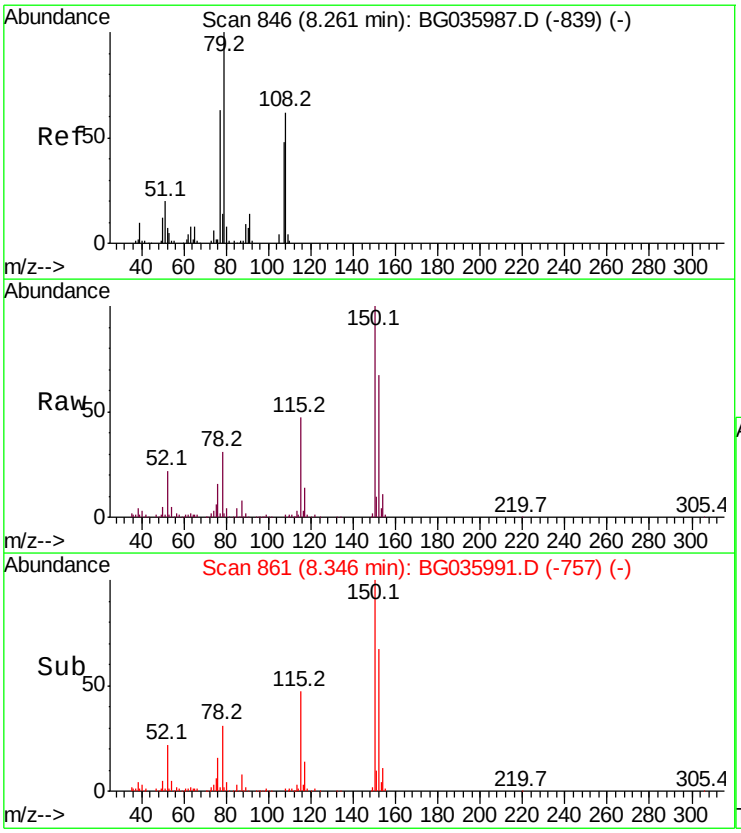
#7
Phenol-d6
Concen: 32.475 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 95804

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.1	21.1
71	39.8	26.1	39.1#

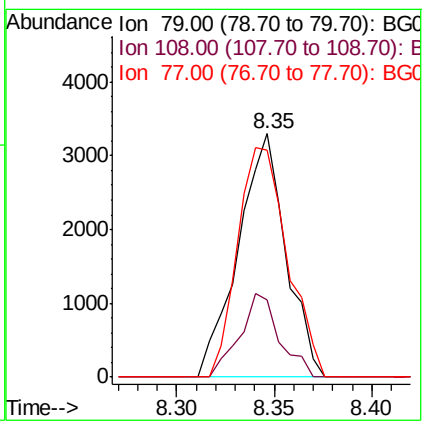


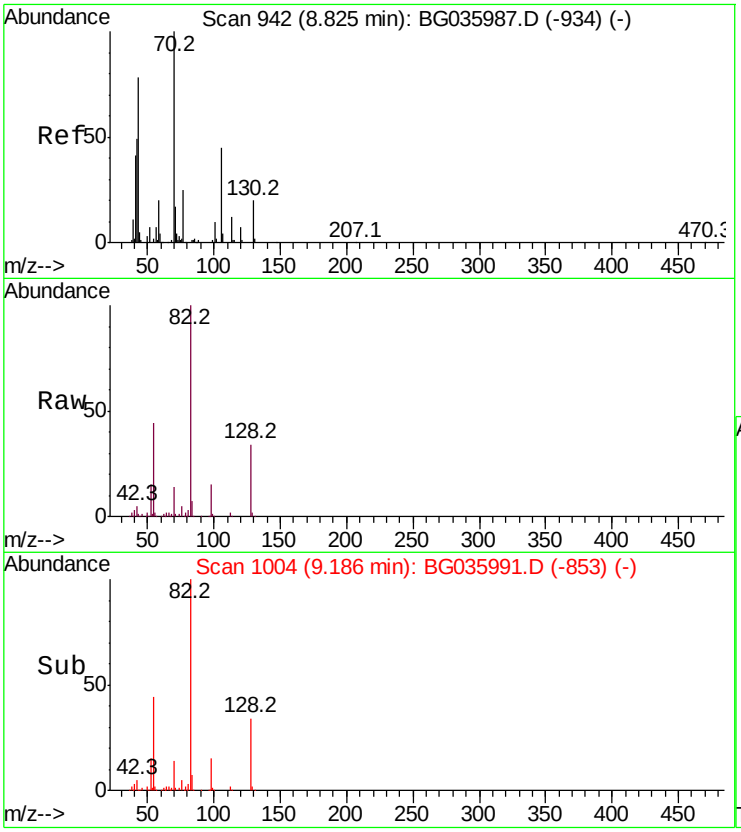


#15
Benzyl Alcohol
Concen: 2.078 ng
RT: 8.35 min Scan# 861
Delta R.T. 0.08 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Tgt Ion: 79 Resp: 5567

Ion	Ratio	Lower	Upper
79	100		
108	31.8	57.2	85.8#
77	93.2	46.1	69.1#



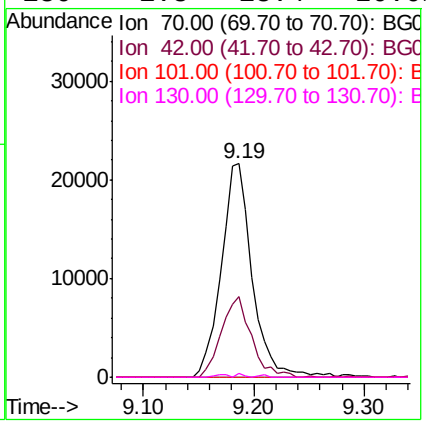


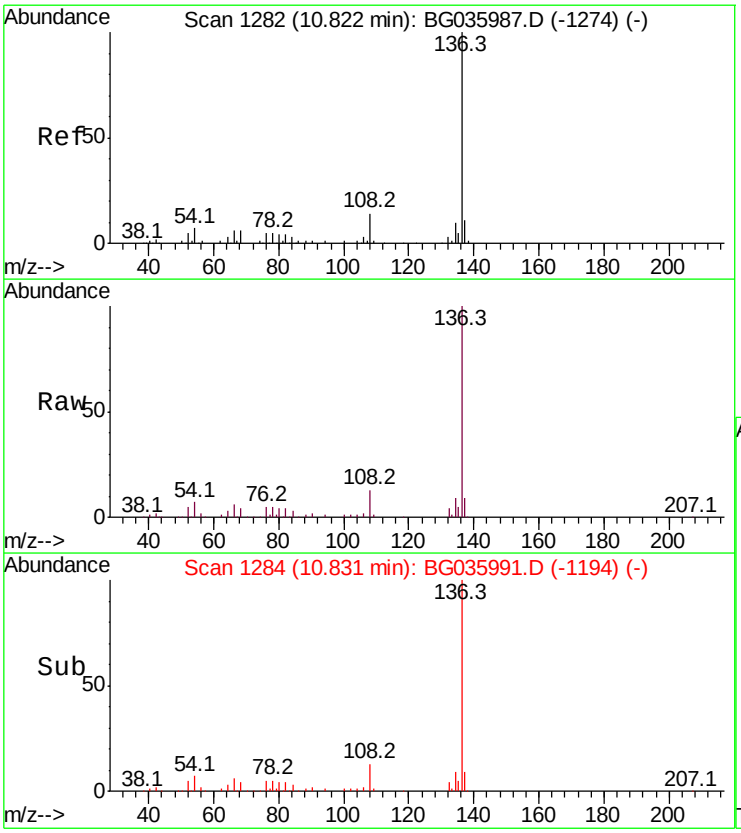
#19
n-Nitroso-di-n-propylamine
Concen: 17.060 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 42382

Ion	Ratio	Lower	Upper
70	100		
42	37.5	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#

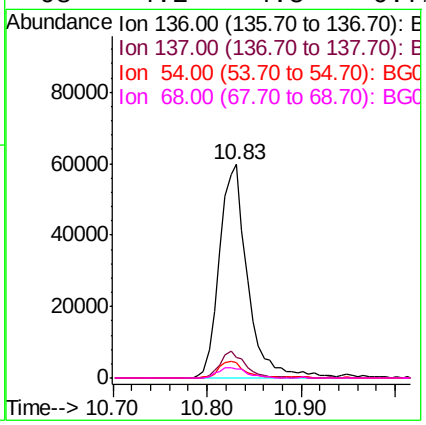


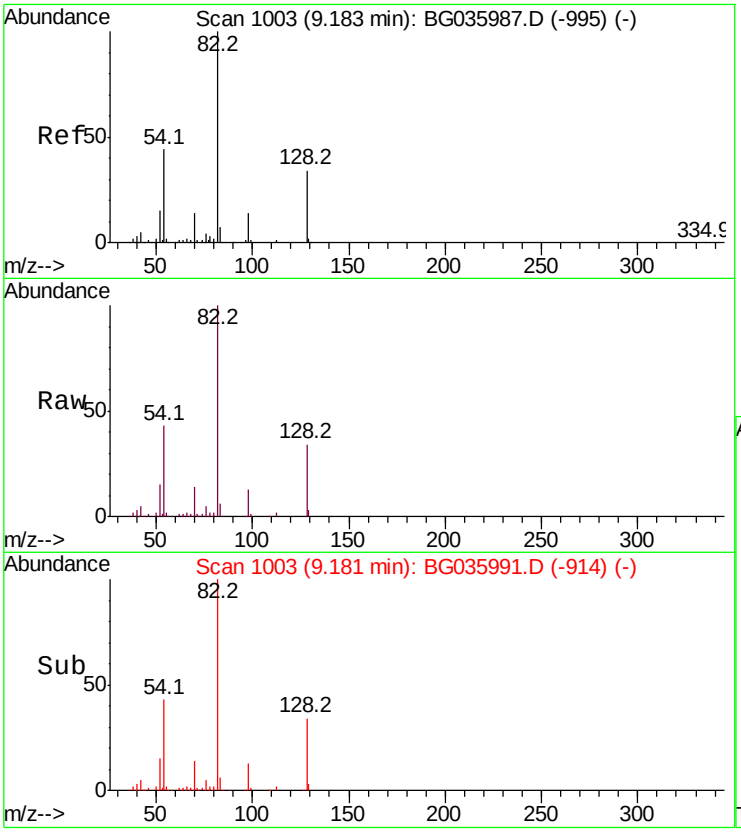


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Tgt Ion:136 Resp: 124767

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	7.1	10.3	15.5#
68	4.2	4.5	6.7#



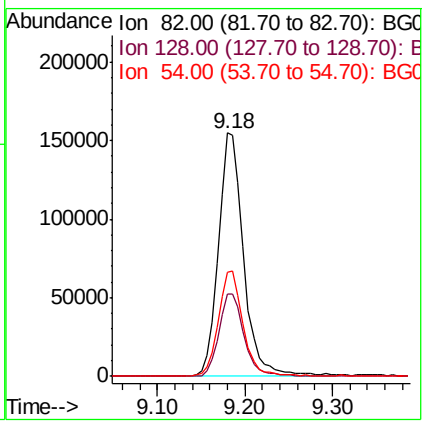


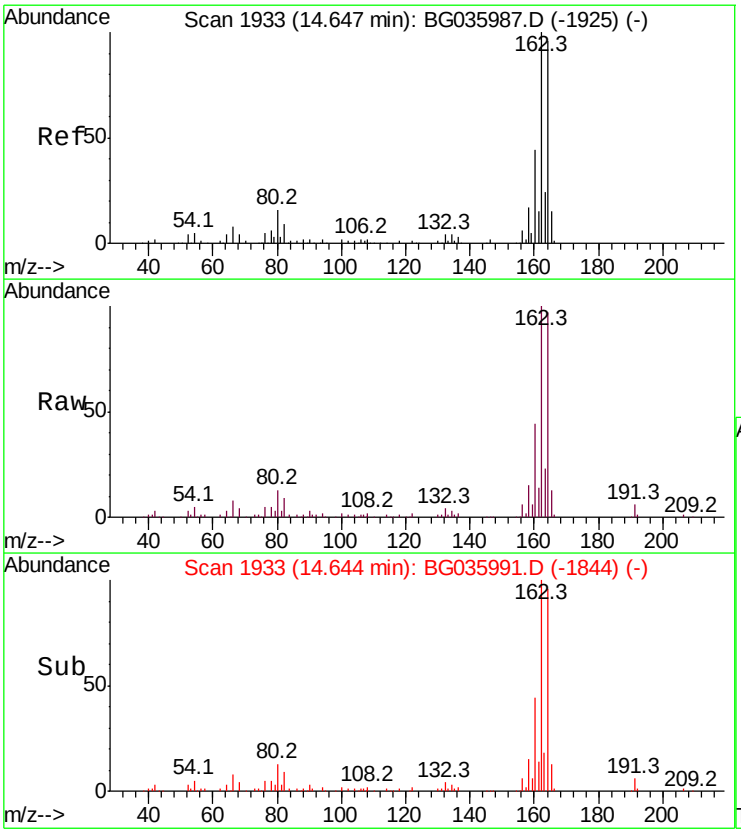
#23
Nitrobenzene-d5
Concen: 102.833 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 307127

Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.7	44.5
54	42.6	43.1	64.7#

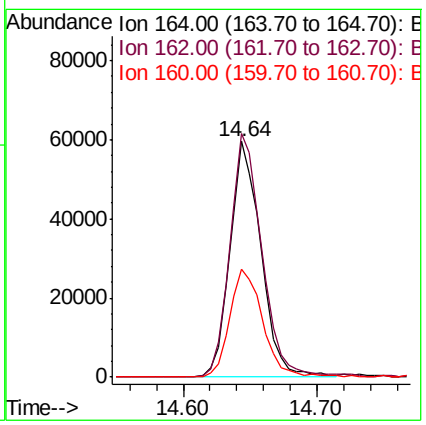


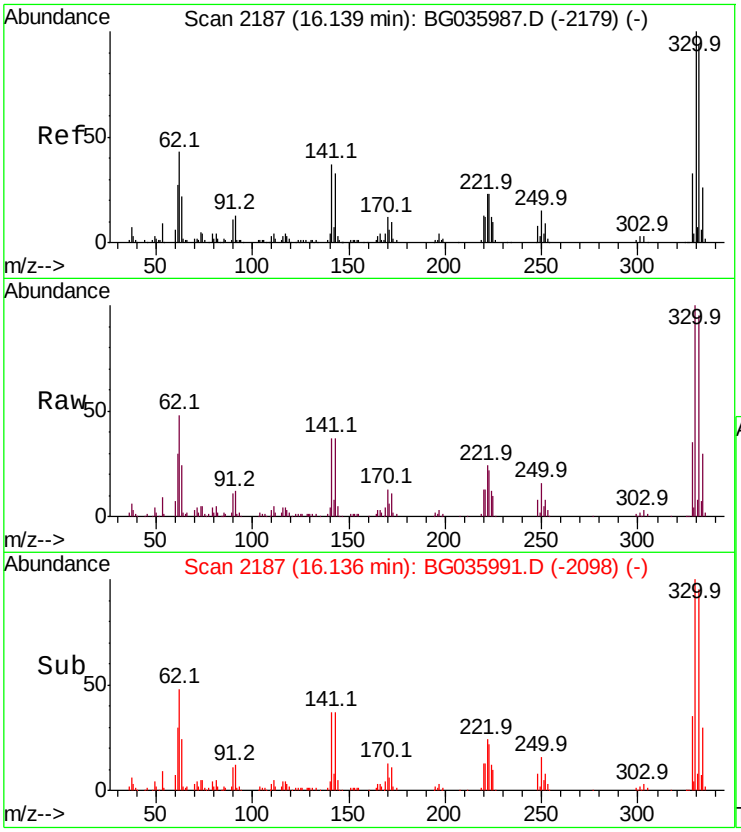


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Tgt Ion:164 Resp: 96003

Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	45.9	35.4	53.0



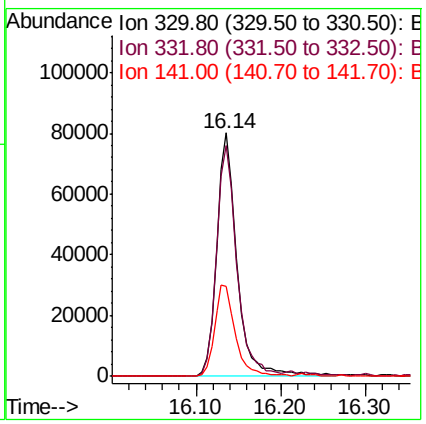


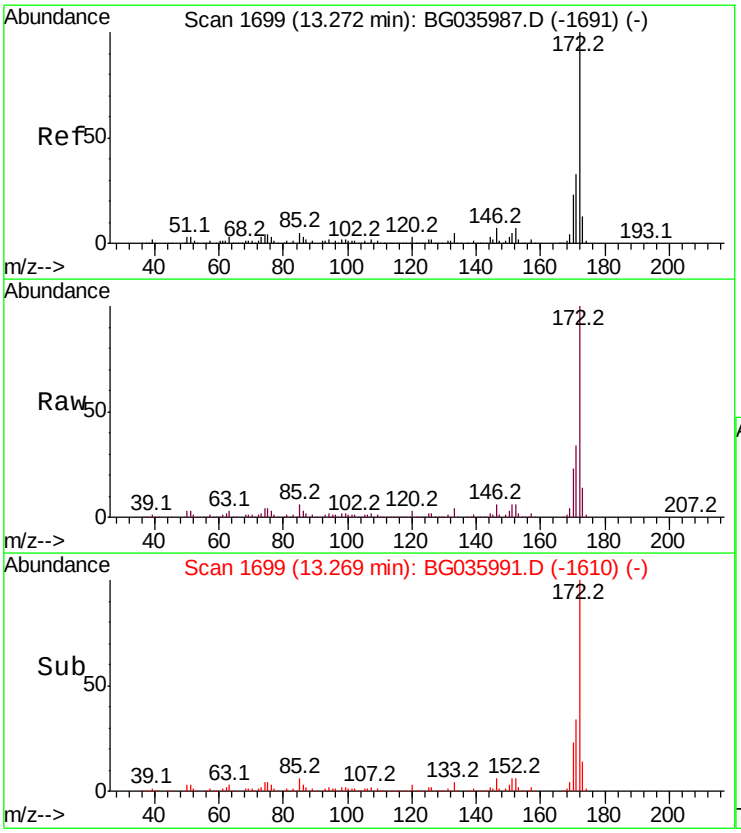
#41
2,4,6-Tribromophenol
Concen: 106.953 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 135336

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	38.4	25.2	37.8#

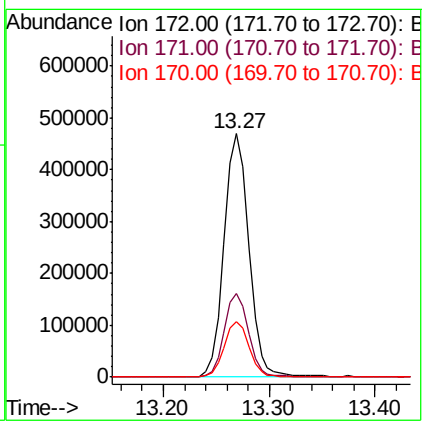


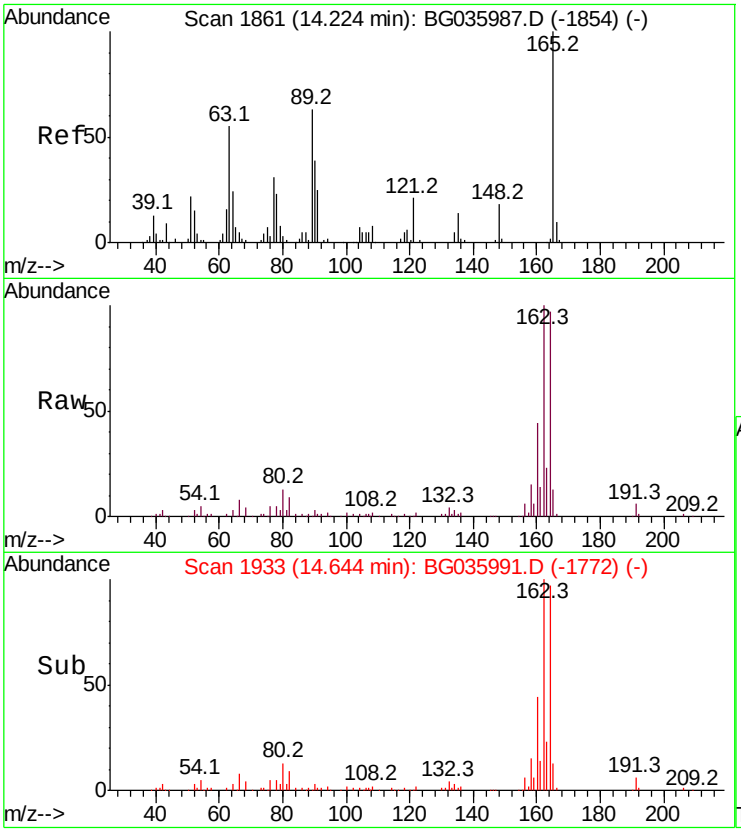


#44
2-Fluorobiphenyl
Concen: 106.820 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Tgt Ion:172 Resp: 765452

Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	23.0	19.5	29.3



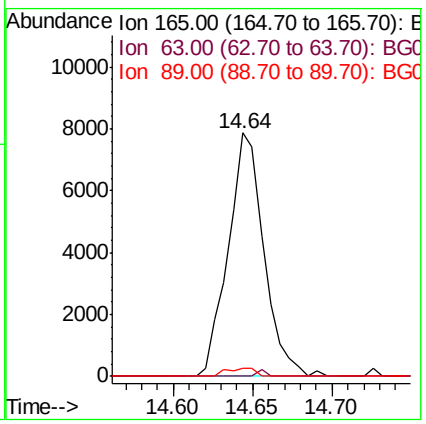


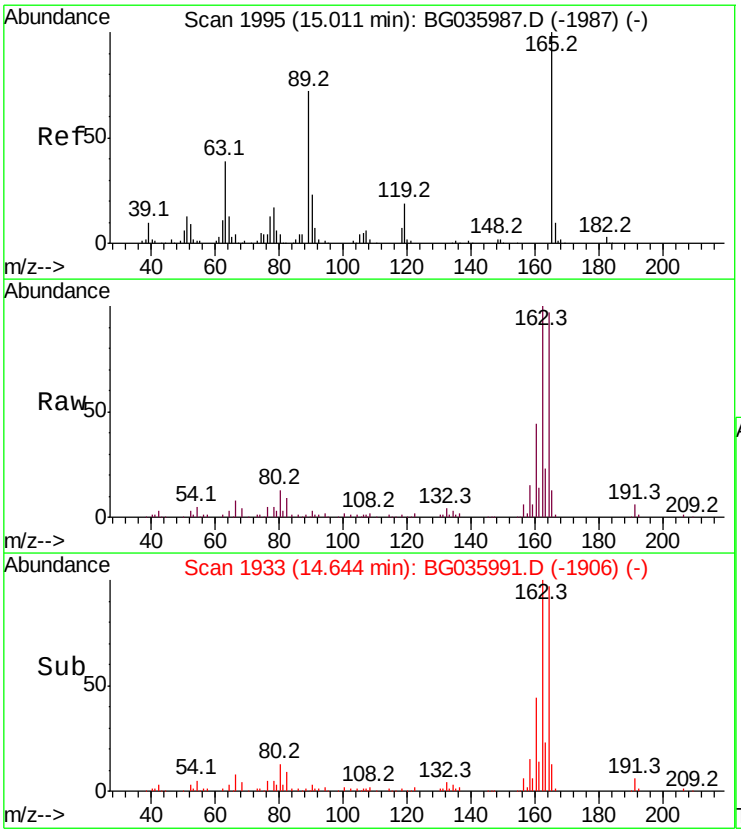
#50
2,6-Dinitrotoluene
Concen: 7.169 ng
RT: 14.64 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12279

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.2	49.2	73.8#

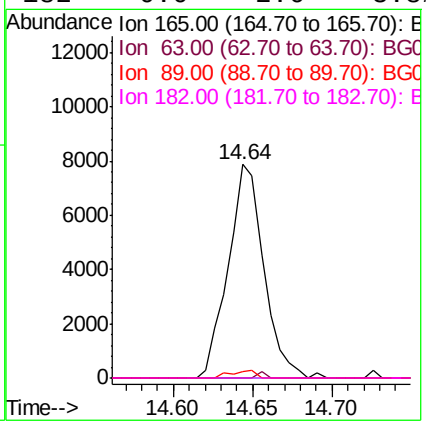


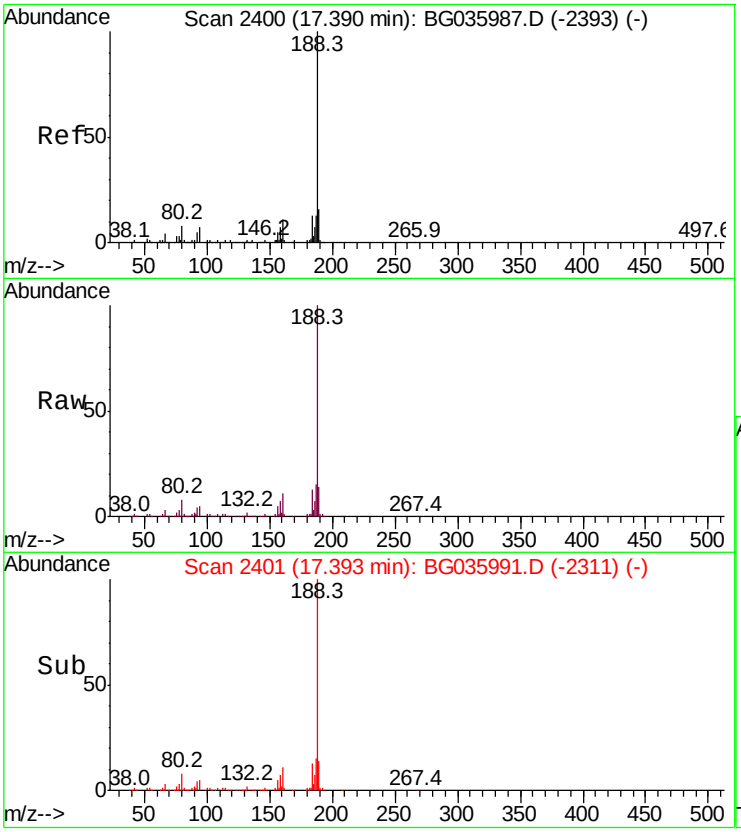


#56
2,4-Dinitrotoluene
Concen: 4.997 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Tgt Ion:165 Resp: 12279

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.2	66.9	100.3#
182	0.0	2.6	3.8#



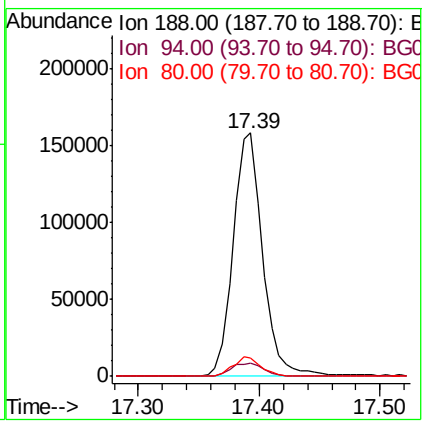


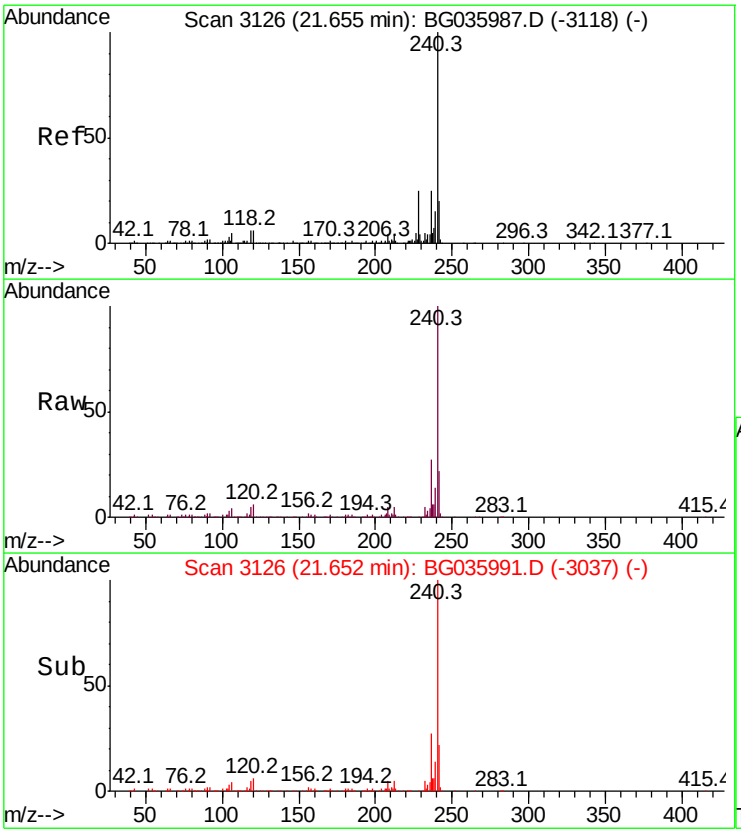
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 269448

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	7.7	7.7	11.5#

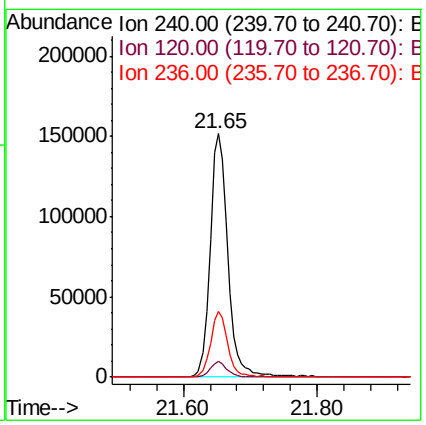


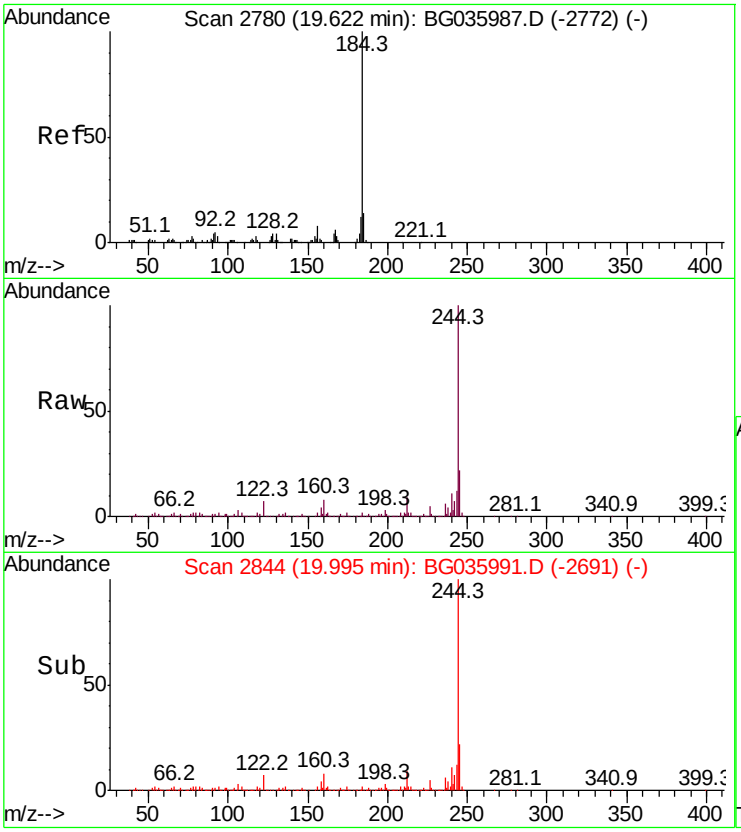


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Tgt Ion:240 Resp: 283449

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	27.0	20.9	31.3



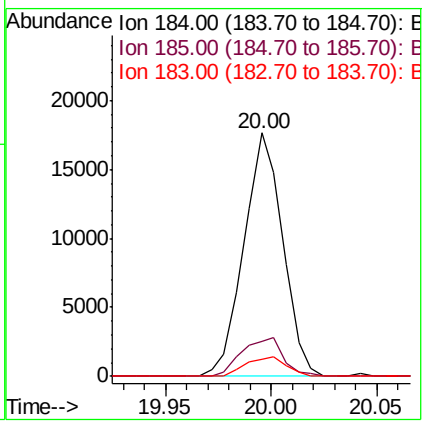


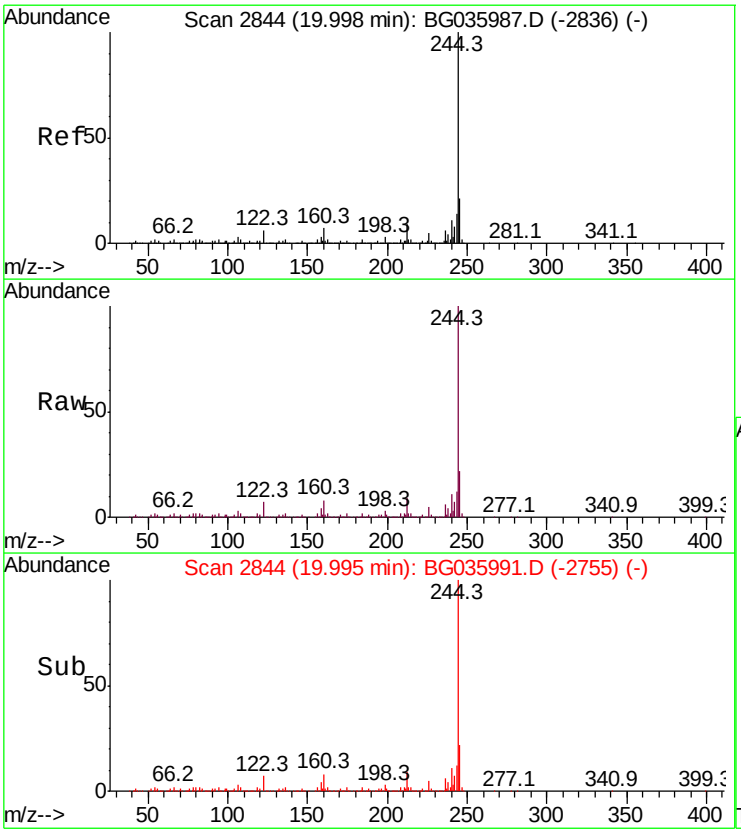
#76
Benzidine
Concen: 3.021 ng
RT: 20.00 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 22509

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.1	16.7
183	7.1	10.6	16.0#

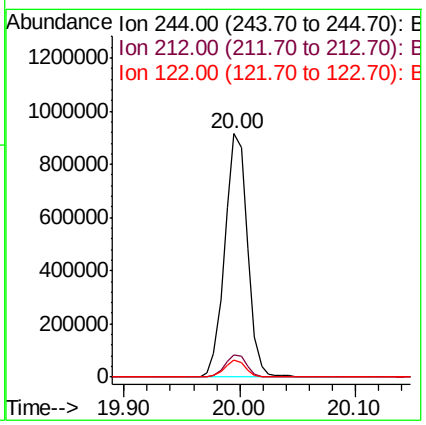


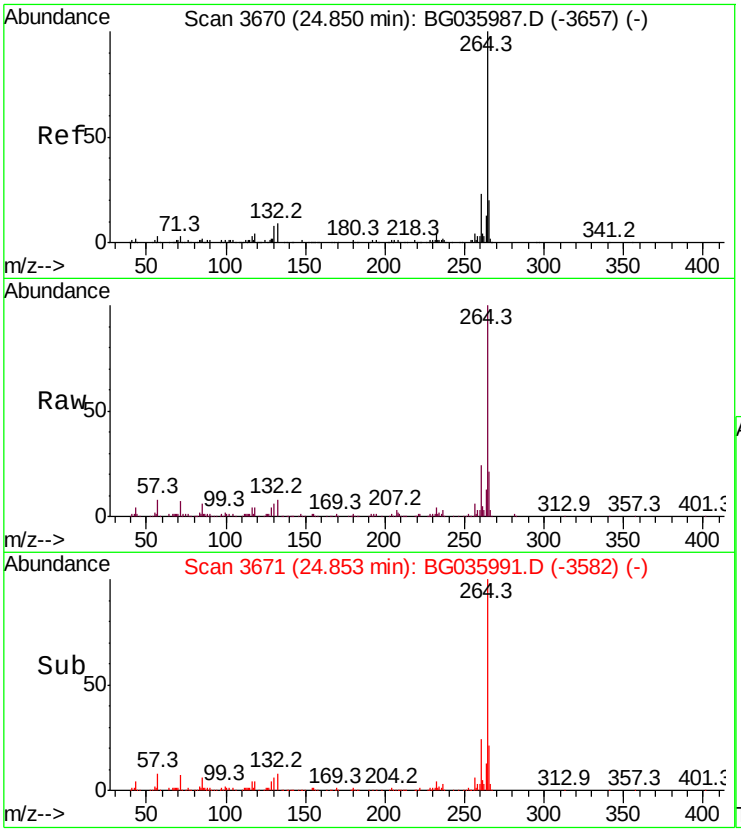


#78
Terphenyl-d14
Concen: 96.728 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Tgt Ion:244 Resp: 1243812

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 261867

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.3	17.7	26.5