Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
Data File : BG035724.D
Acq On : 18 Jul 2018 19:33
Operator : JU/SJ
Sample : J3620-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 19 02:03:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47476	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	161671	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	113602	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	323235	20.00	ng	0.00
75) Chrysene-d12	21.67	240	392795	20.00	ng	0.00
86) Perylene-d12	24.88	264	370611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	390476	136.55	ng	0.00
7) Phenol-d6	7.21	99	487813	114.34	ng	0.00
23) Nitrobenzene-d5	9.20	82	394896	102.04	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	238867	159.53	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	840936	99.17	ng	0.00
78) Terphenyl-d14	20.01	244	1709160	95.92	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	55858	15.547	ng	# 67
50) 2,6-Dinitrotoluene	14.66	165	14963	7.382	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	14963	5.146	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	19588	5.223	ng	# 1
76) Benzidine	20.01	184	31653	3.065	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
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Acq On : 18 Jul 2018 19:33
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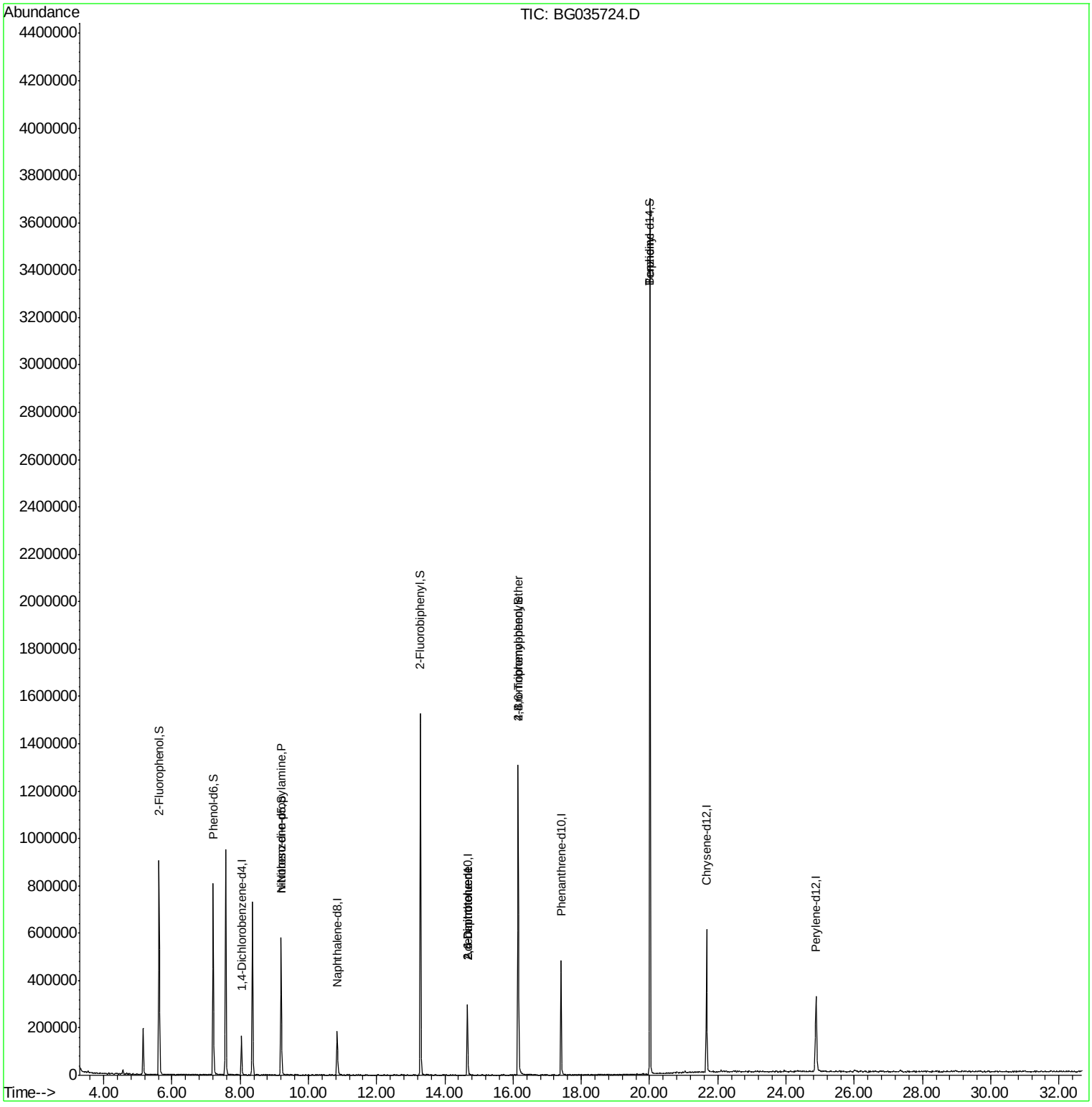
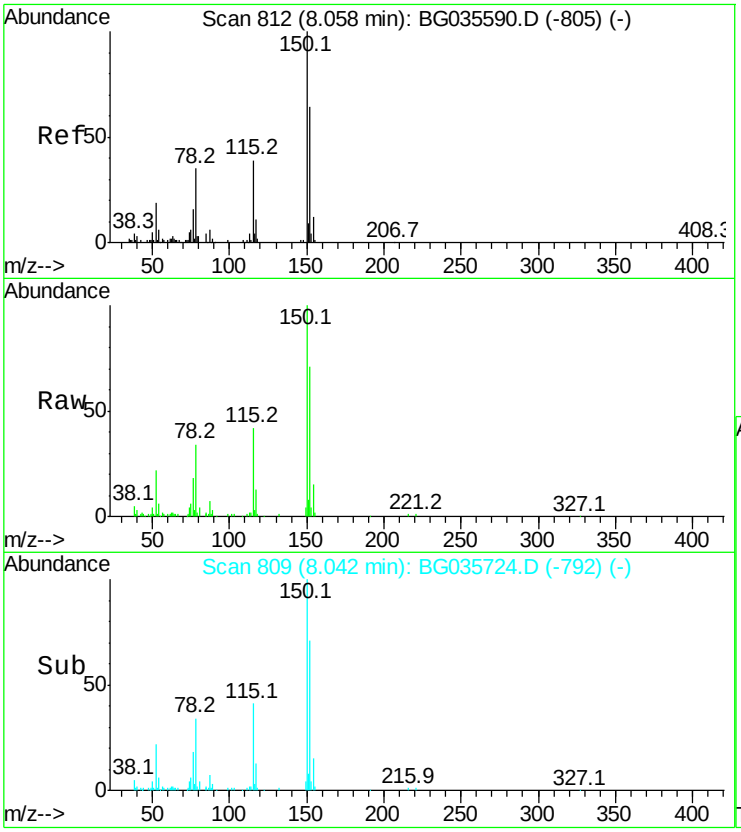
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration



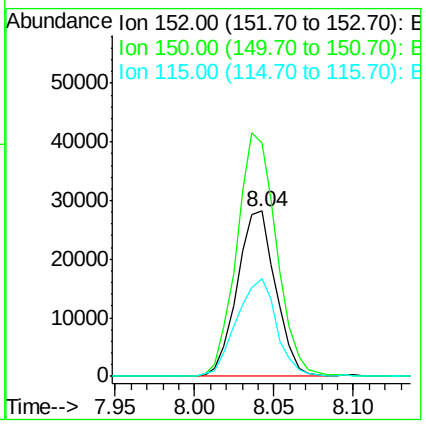


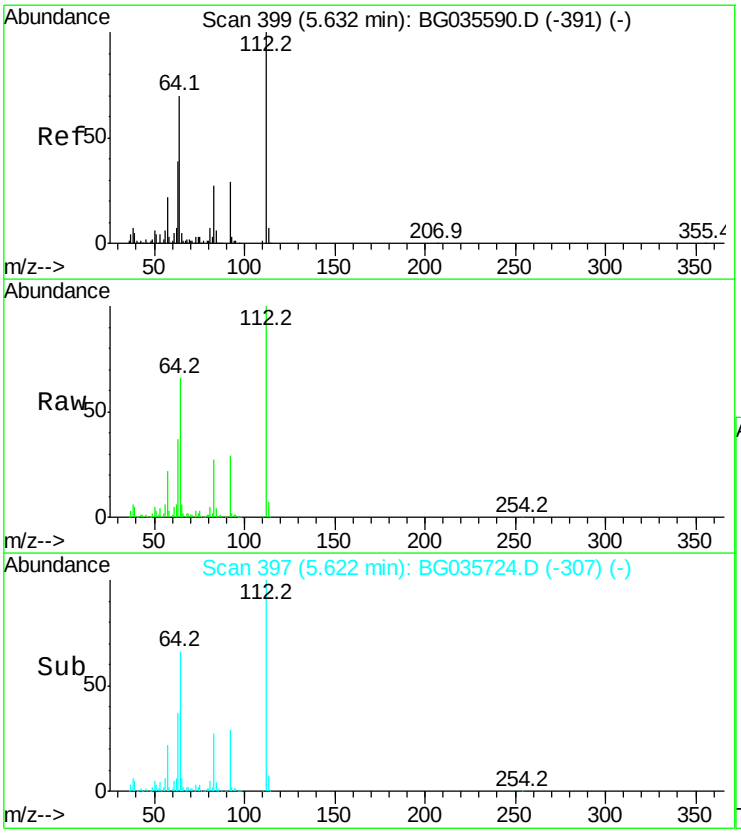
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 47476

Ion	Ratio	Lower	Upper
152	100		
150	141.4	126.6	189.8
115	58.8	53.0	79.4

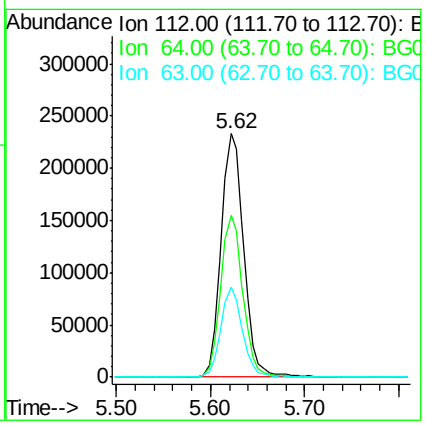


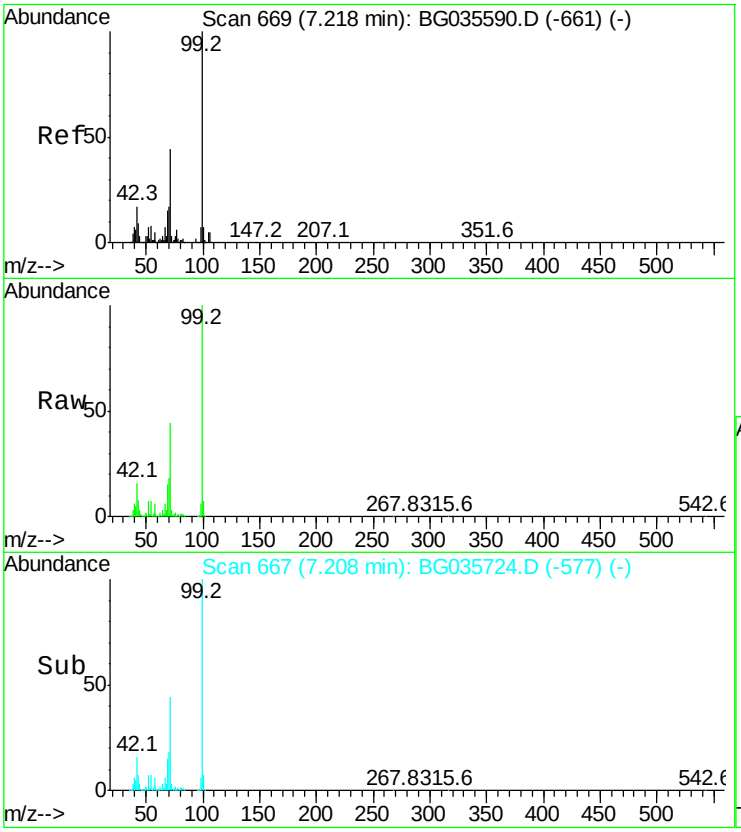


#5
2-Fluorophenol
Concen: 136.549 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Tgt Ion:112 Resp: 390476

Ion	Ratio	Lower	Upper
112	100		
64	66.3	56.3	84.5
63	37.2	30.1	45.1



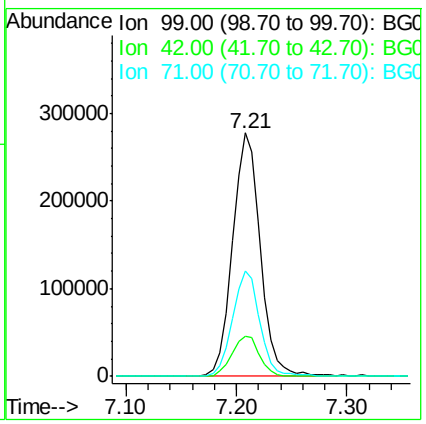


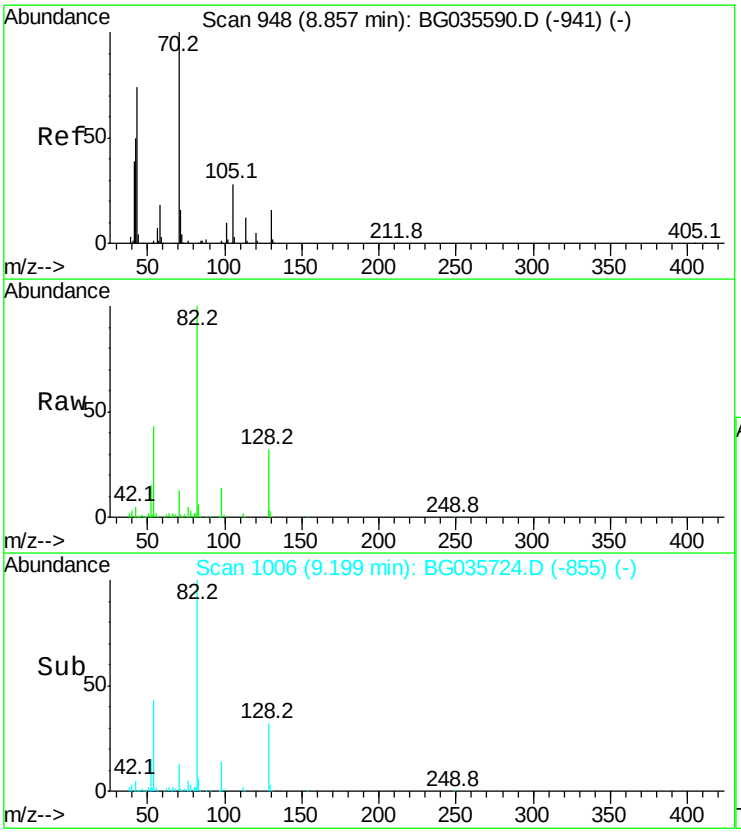
#7
Phenol-d6
Concen: 114.336 ng
RT: 7.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 487813

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	43.5	26.1	39.1#

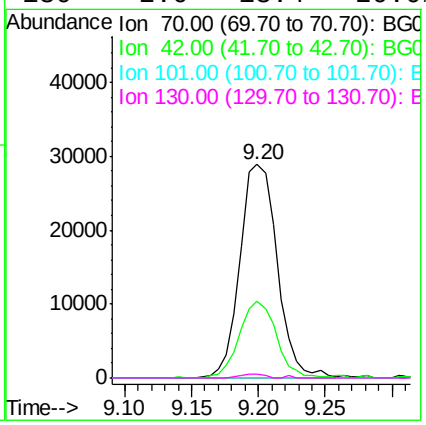


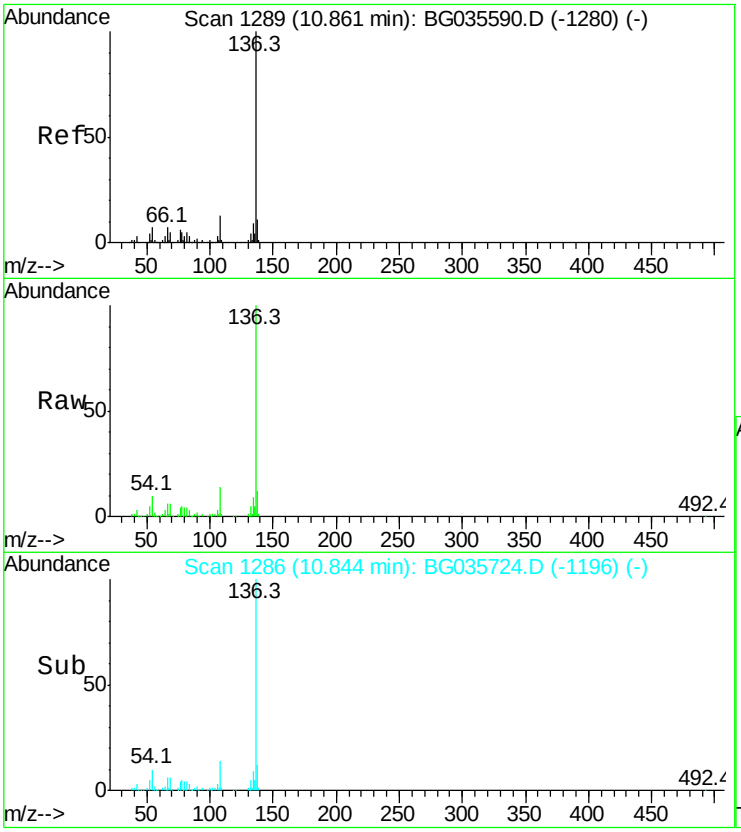


#19
n-Nitroso-di-n-propylamine
Concen: 15.547 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.36 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Tgt Ion: 70 Resp: 55858

Ion	Ratio	Lower	Upper
70	100		
42	35.9	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



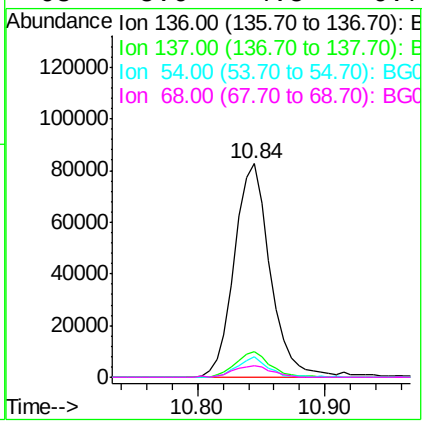


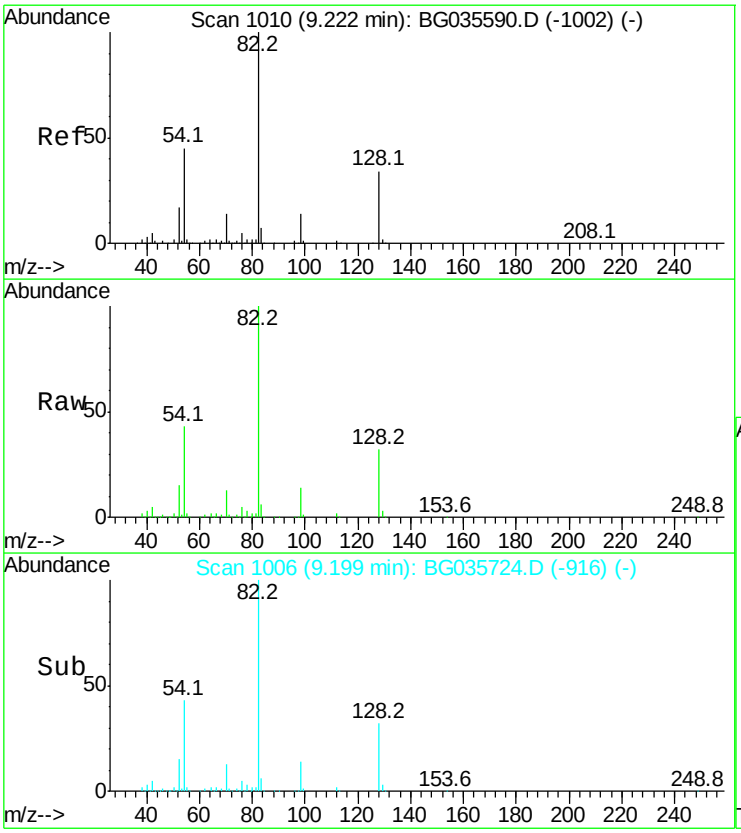
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 161671

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	9.8	10.3	15.5#
68	5.6	4.5	6.7

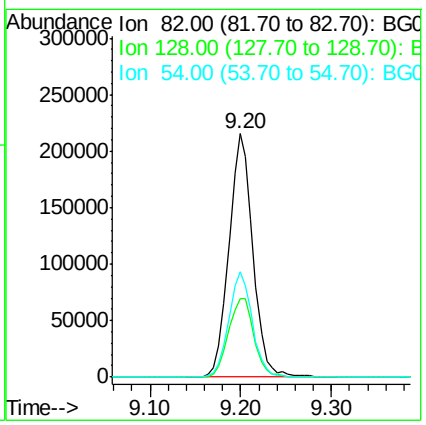


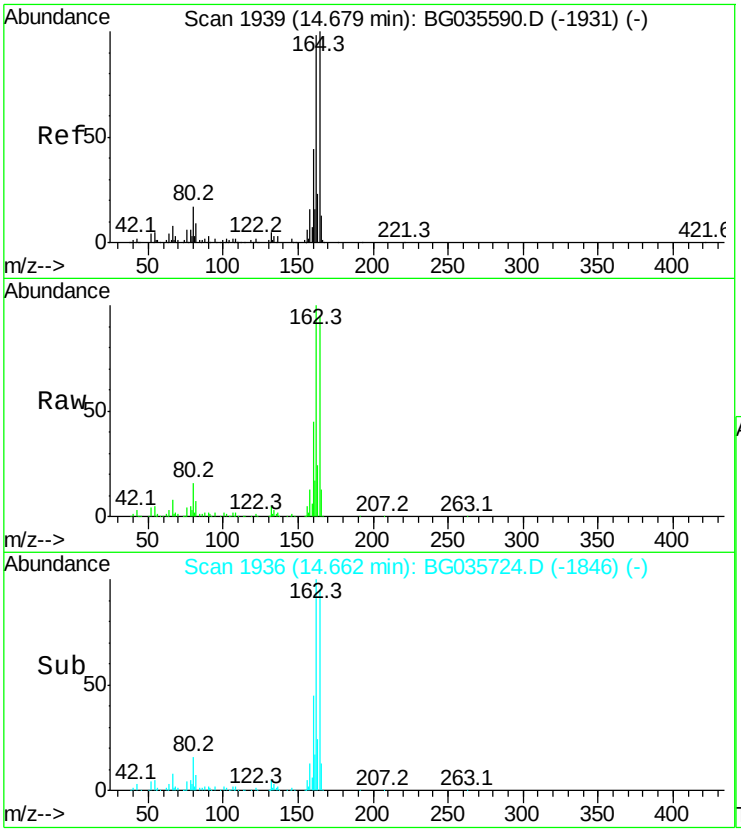


#23
Nitrobenzene-d5
Concen: 102.039 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Tgt Ion: 82 Resp: 394896

Ion	Ratio	Lower	Upper
82	100		
128	32.4	29.7	44.5
54	43.4	43.1	64.7



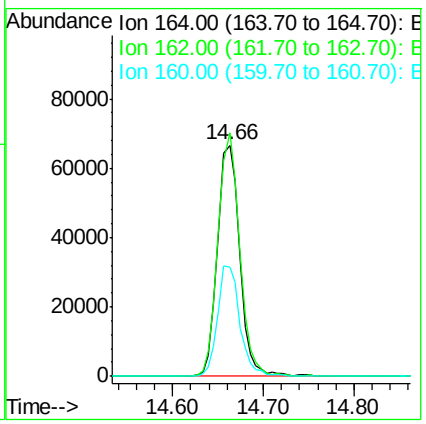


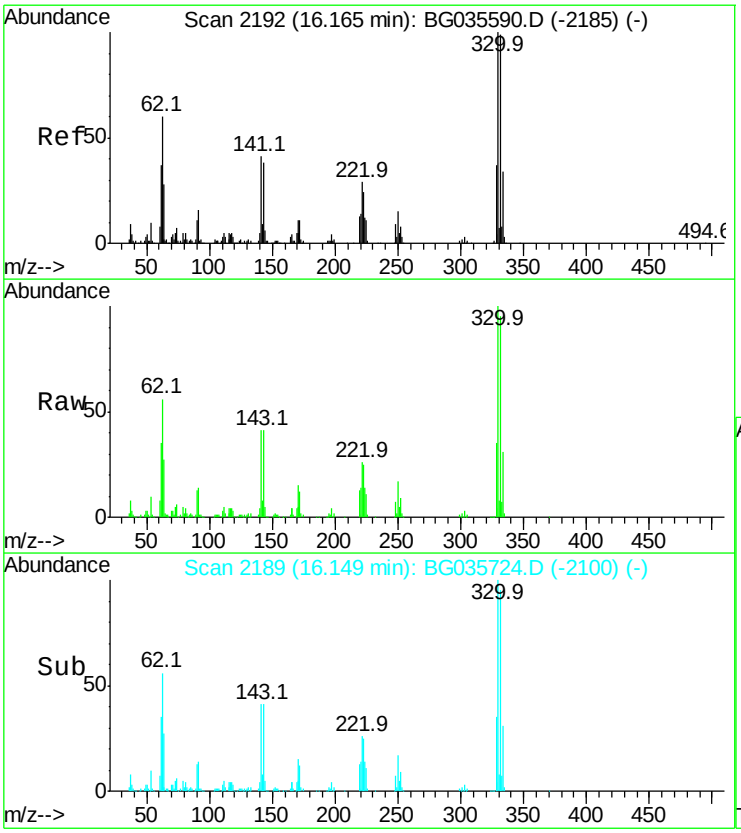
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 113602

Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	47.1	35.4	53.0

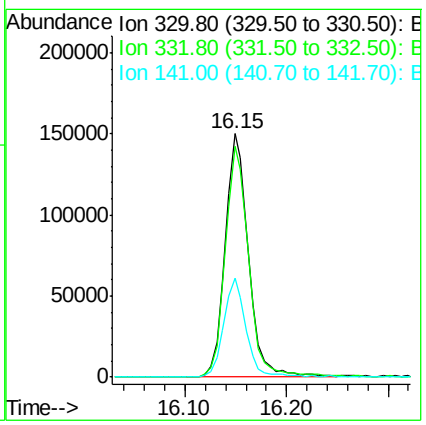


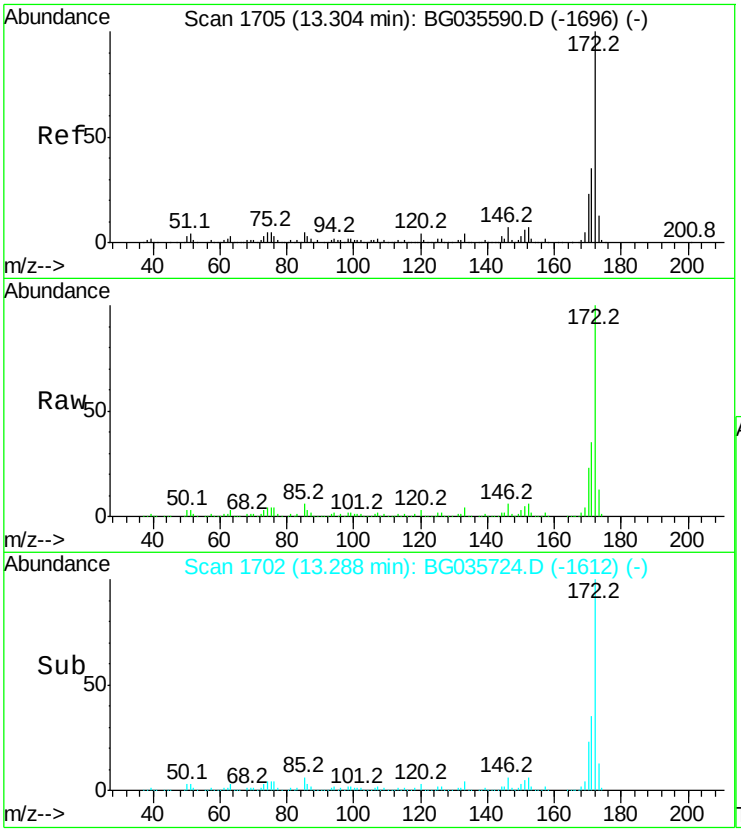


#41
2,4,6-Tribromophenol
Concen: 159.527 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Tgt Ion:330 Resp: 238867

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	39.2	25.2	37.8#



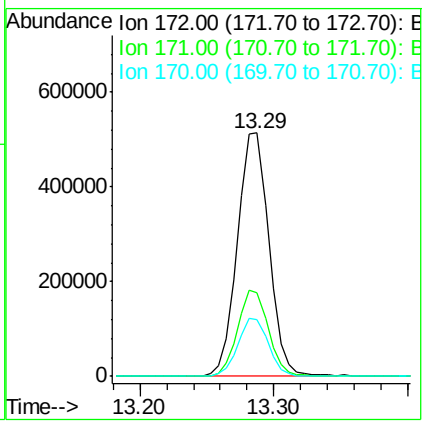


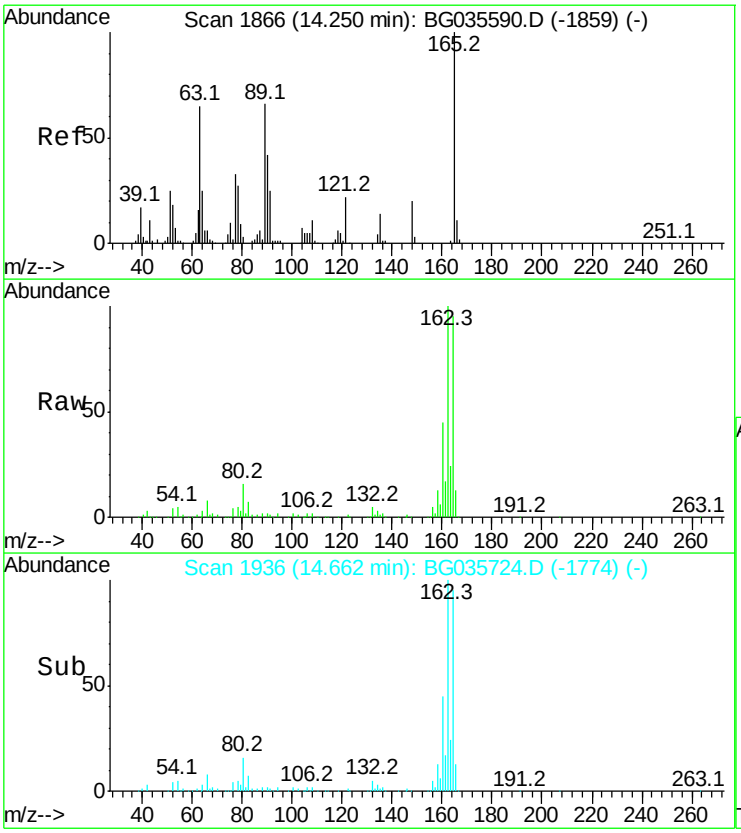
#44
2-Fluorobiphenyl
Concen: 99.174 ng
RT: 13.29 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 840936

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	23.1	19.5	29.3

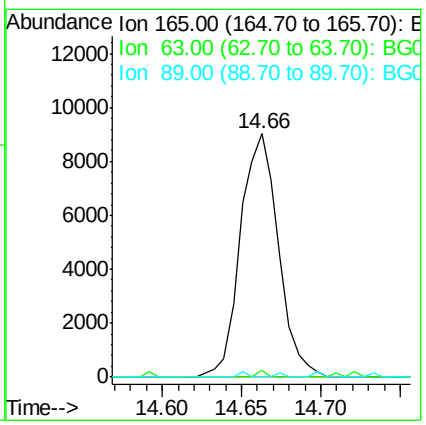


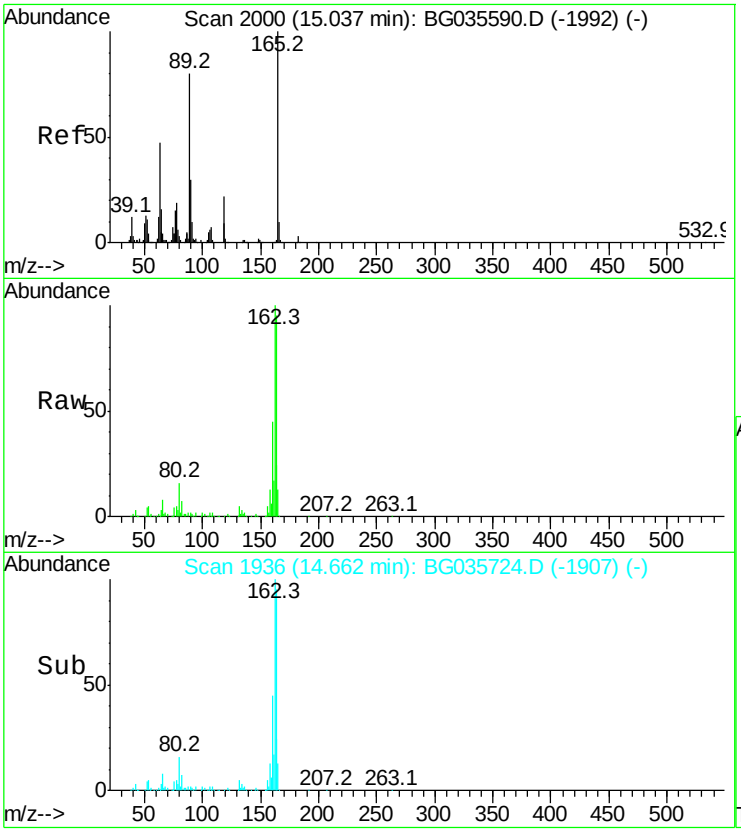


#50
2,6-Dinitrotoluene
Concen: 7.382 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Tgt Ion:165 Resp: 14963

Ion	Ratio	Lower	Upper
165	100		
63	2.8	52.7	79.1#
89	0.0	49.2	73.8#



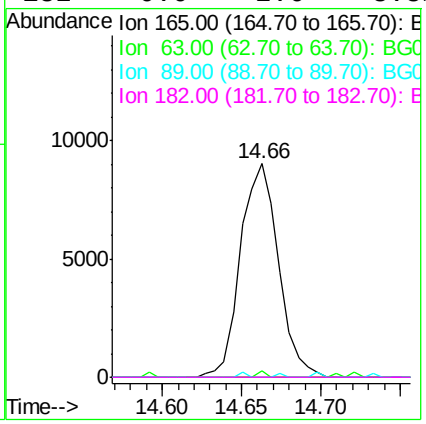


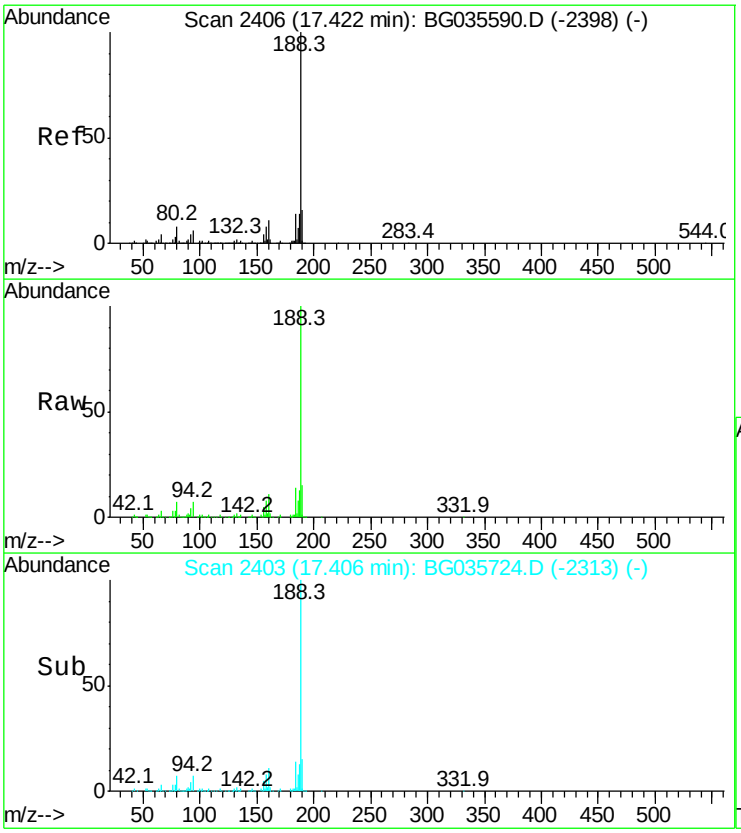
#56
2,4-Dinitrotoluene
Concen: 5.146 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.36 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14963

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

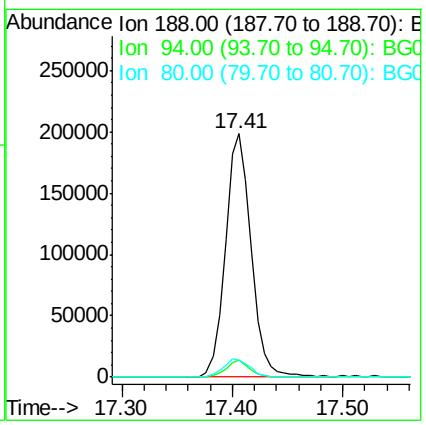


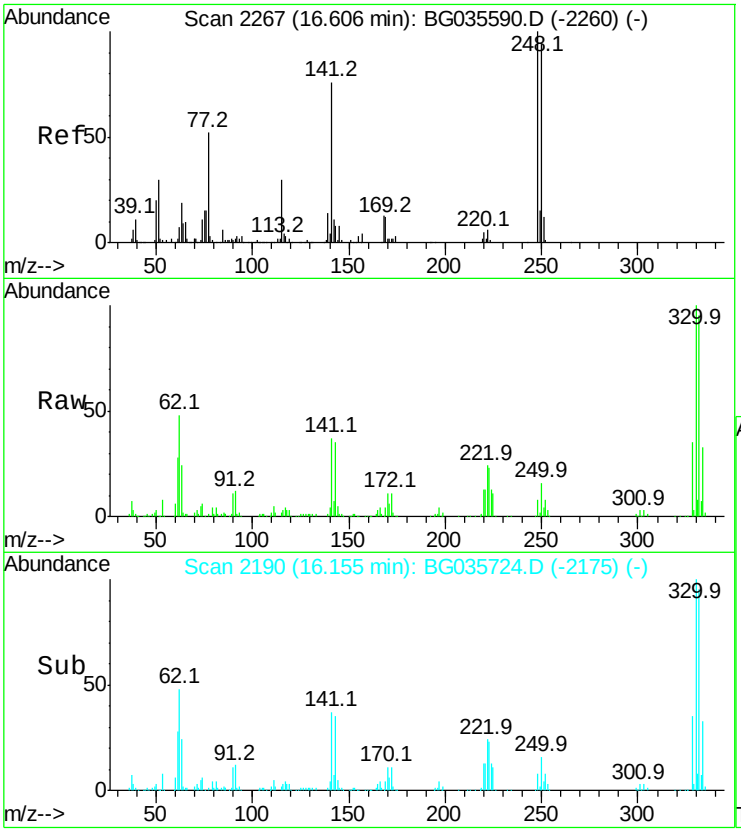


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Tgt Ion:188 Resp: 323235

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	6.7	7.7	11.5#



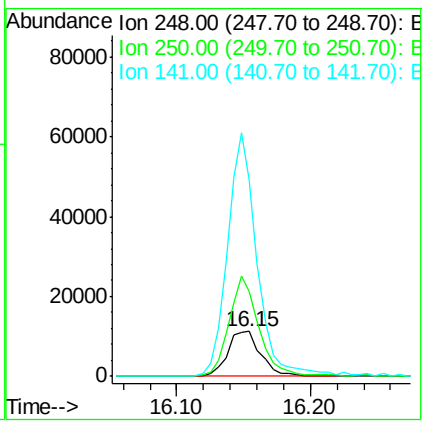


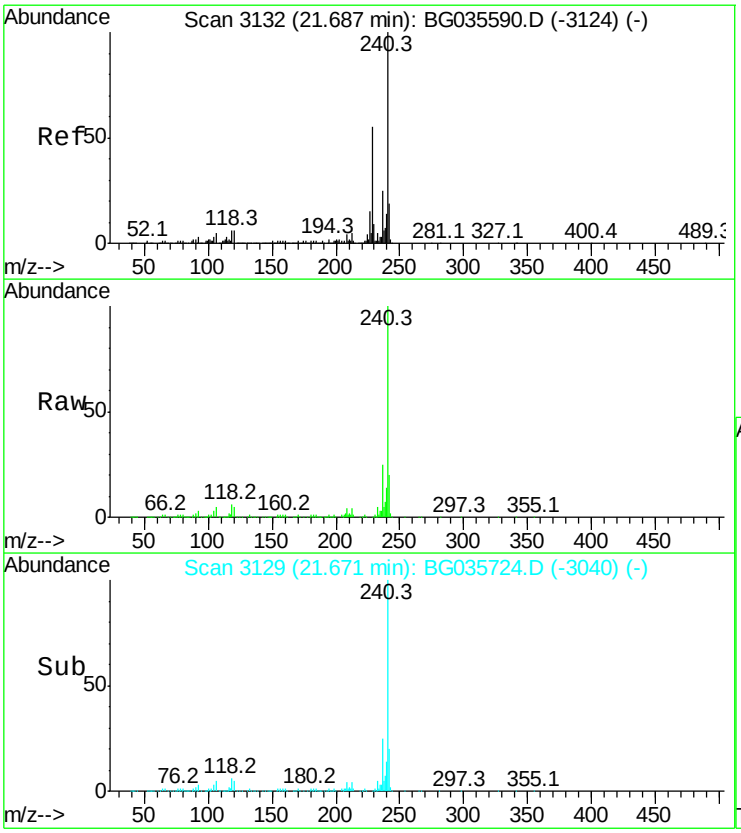
#66
4-Bromophenyl-phenylether
Concen: 5.223 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.44 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 19588

Ion	Ratio	Lower	Upper
248	100		
250	191.4	77.1	115.7#
141	440.0	50.8	76.2#

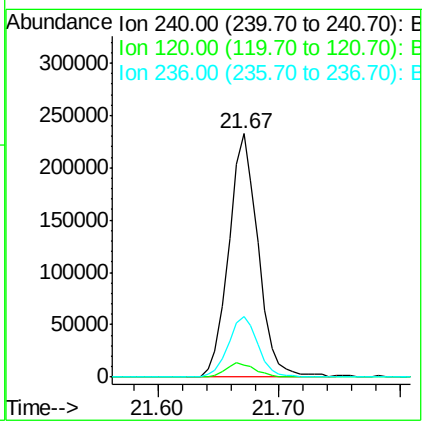


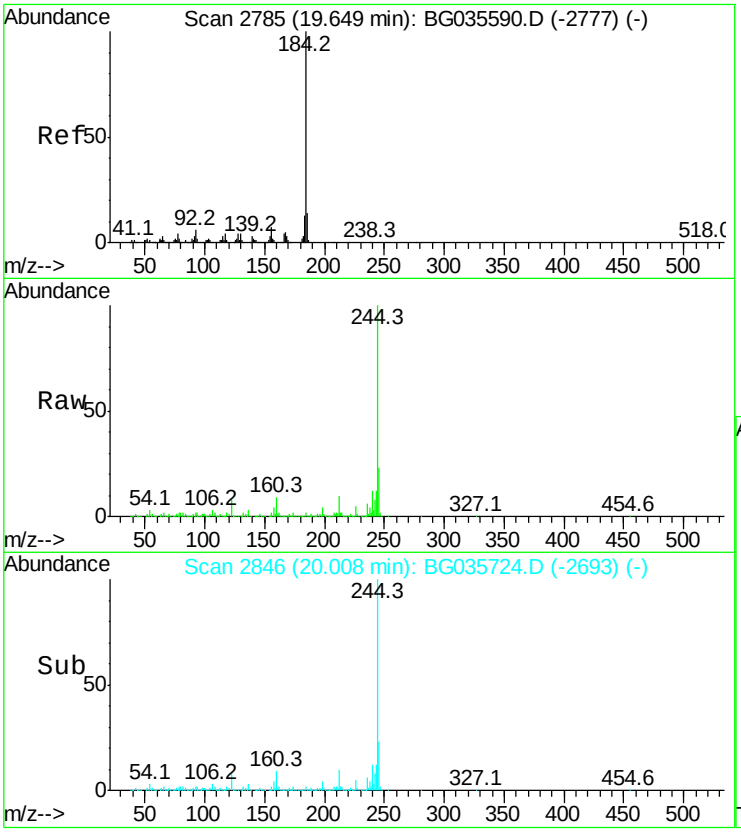


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Tgt Ion:240 Resp: 392795

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	24.6	20.9	31.3



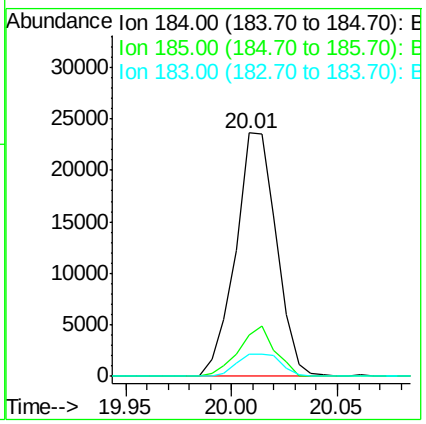


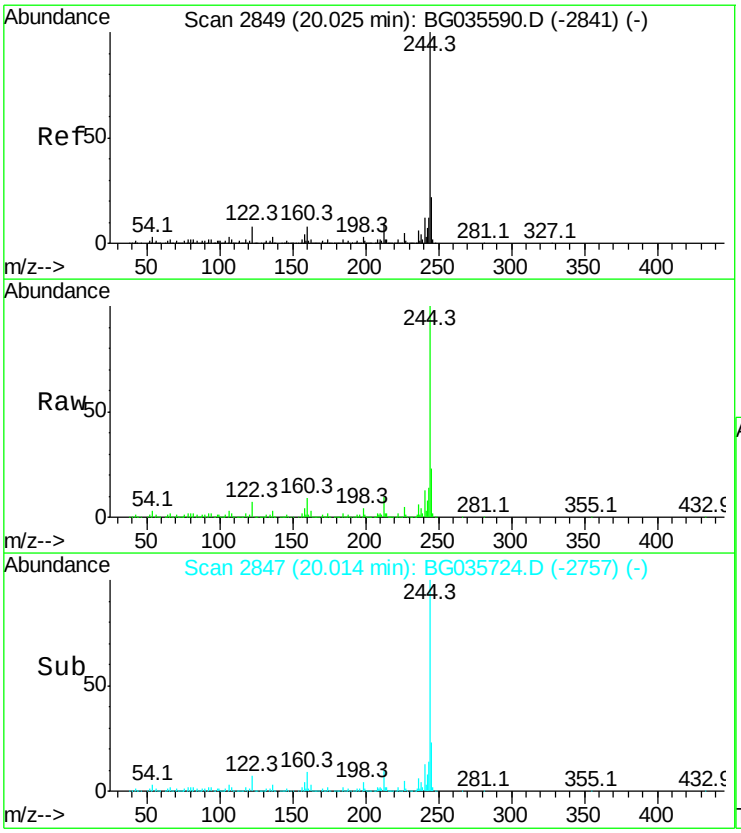
#76
Benzidine
Concen: 3.065 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.37 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 31653

Ion	Ratio	Lower	Upper
184	100		
185	17.2	11.1	16.7#
183	9.1	10.6	16.0#

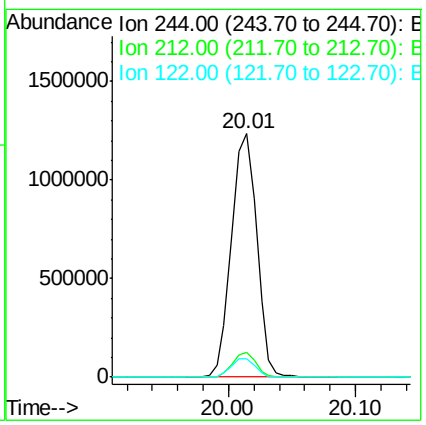


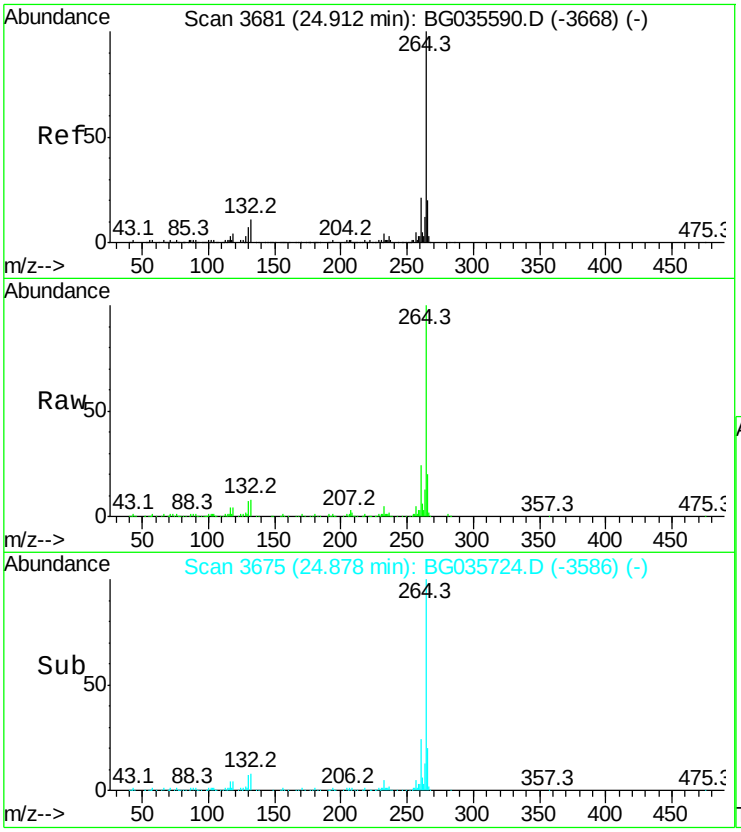


#78
Terphenyl-d14
Concen: 95.915 ng
RT: 20.01 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Tgt Ion:244 Resp: 1709160

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	7.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 370611

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	20.3	17.7	26.5