Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
Data File : BG035691.D
Acq On : 17 Jul 2018 20:31
Operator : JU/SJ
Sample : J3996-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1

Quant Time: Jul 18 01:11:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53046	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	185165	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	123940	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	344354	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	397985	20.00	ng	-0.02
86) Perylene-d12	24.88	264	364105	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	435153	136.19	ng	0.00
7) Phenol-d6	7.21	99	532888	111.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	460164	103.82	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	281709	172.45	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	966606	104.49	ng	-0.02
78) Terphenyl-d14	20.01	244	1858794	102.95	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	61684	15.366	ng	# 70
50) 2,6-Dinitrotoluene	14.66	165	17598	7.958	ng	# 20
53) 2,4-Dinitrophenol	14.92	184	60	6.631	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	17598	5.547	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	21690	5.429	ng	# 1
76) Benzidine	20.02	184	34801	3.326	ng	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
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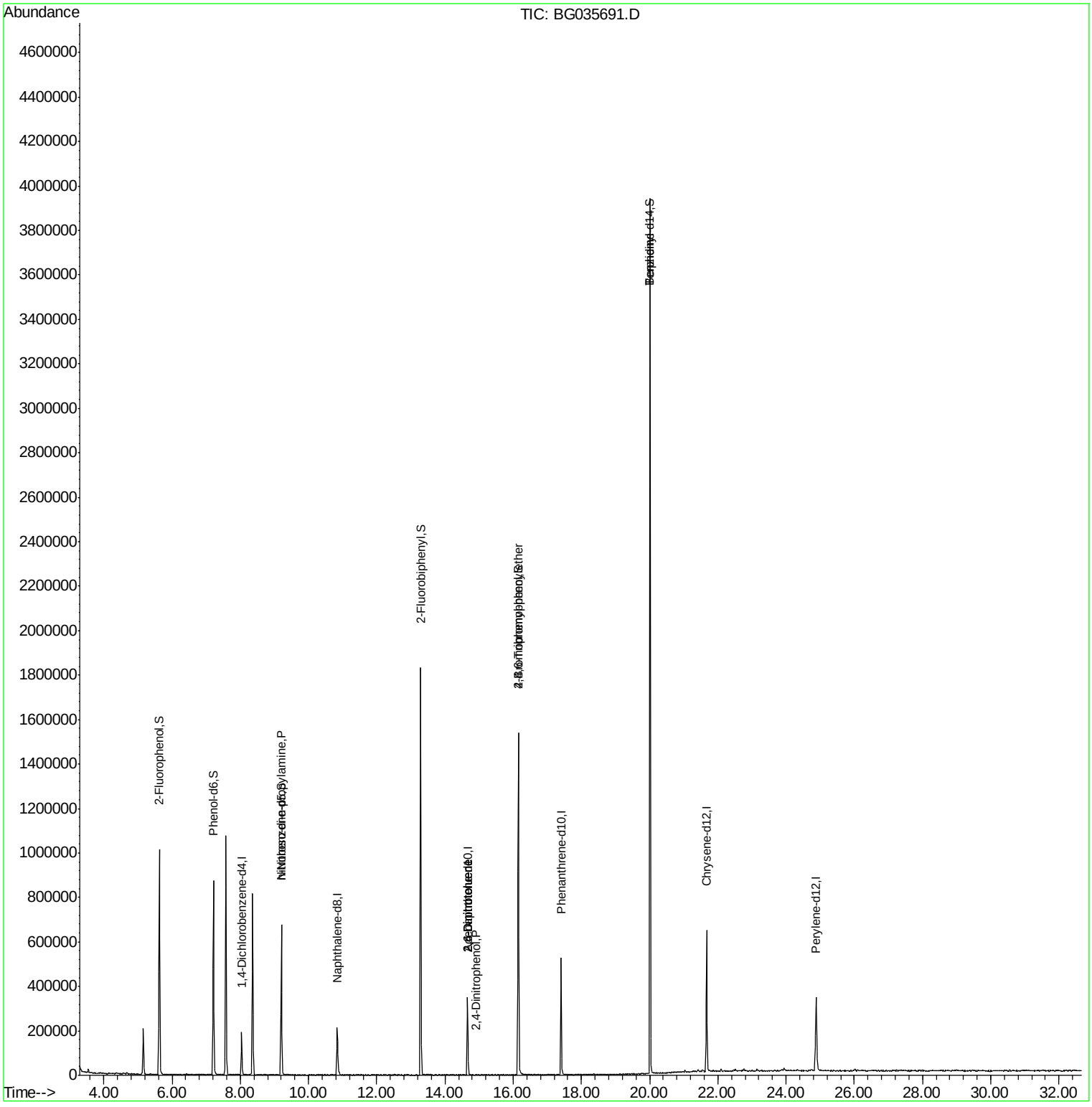
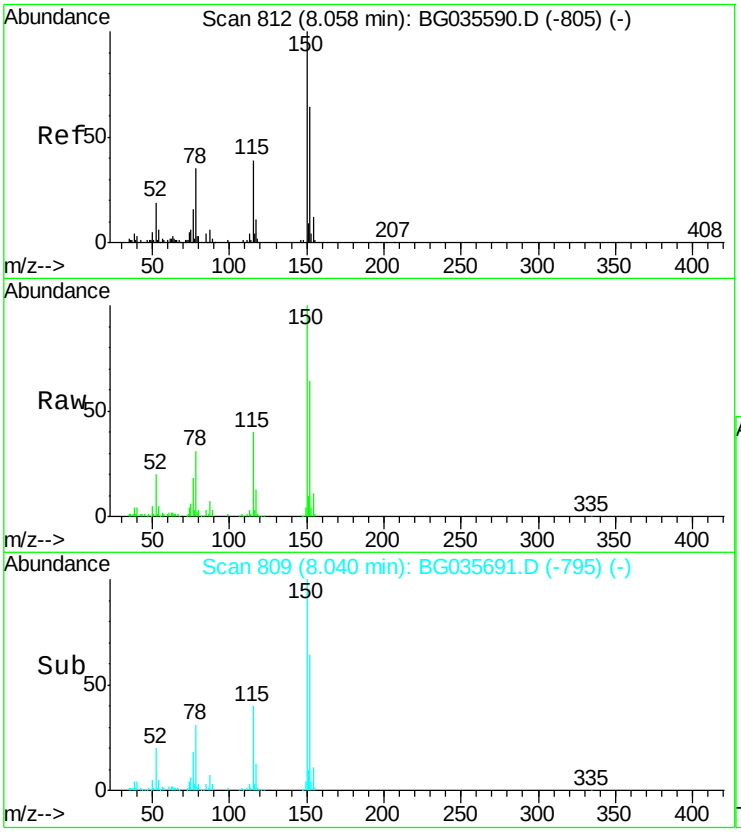
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



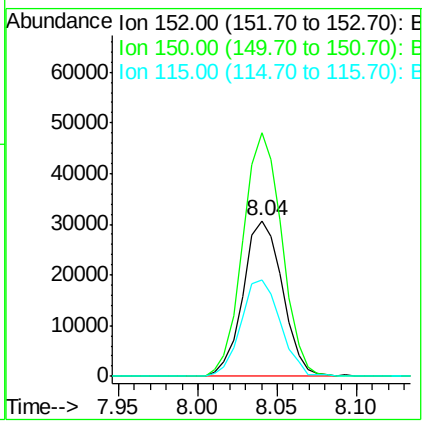


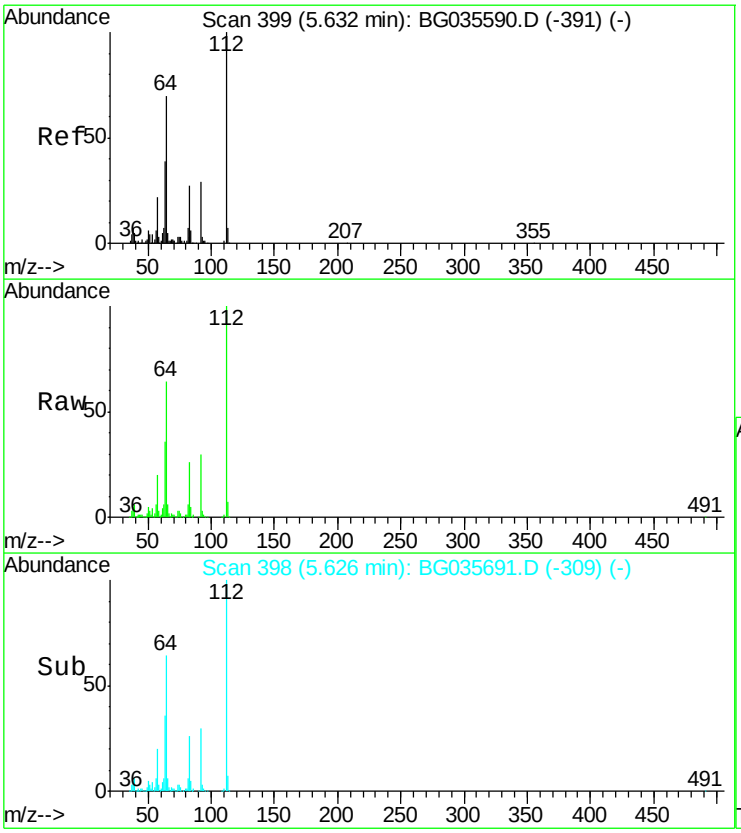
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:152 Resp: 53046

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	61.9	53.0	79.4

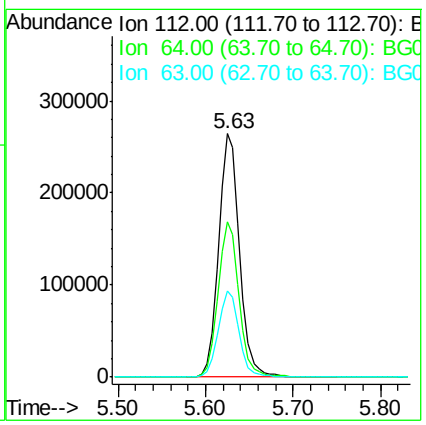


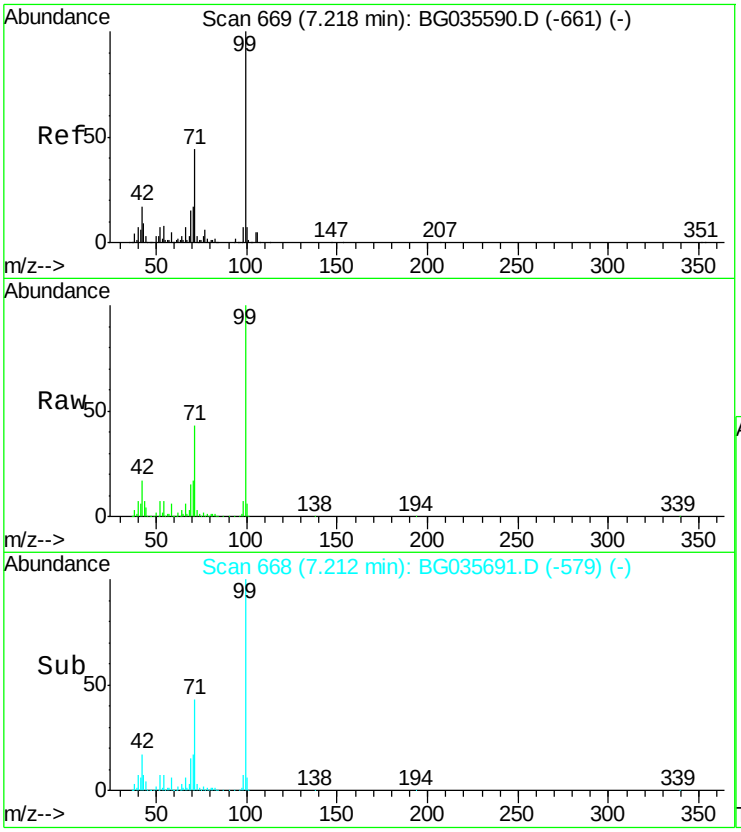


#5
2-Fluorophenol
Concen: 136.194 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Tgt Ion:112 Resp: 435153

Ion	Ratio	Lower	Upper
112	100		
64	63.7	56.3	84.5
63	35.6	30.1	45.1



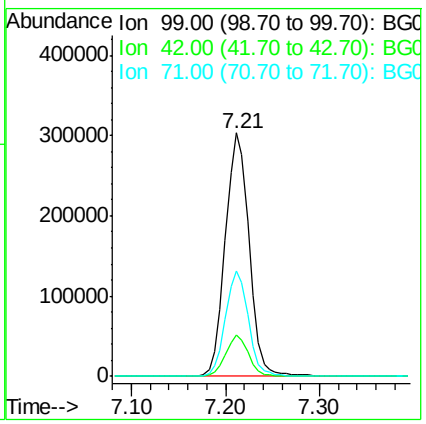


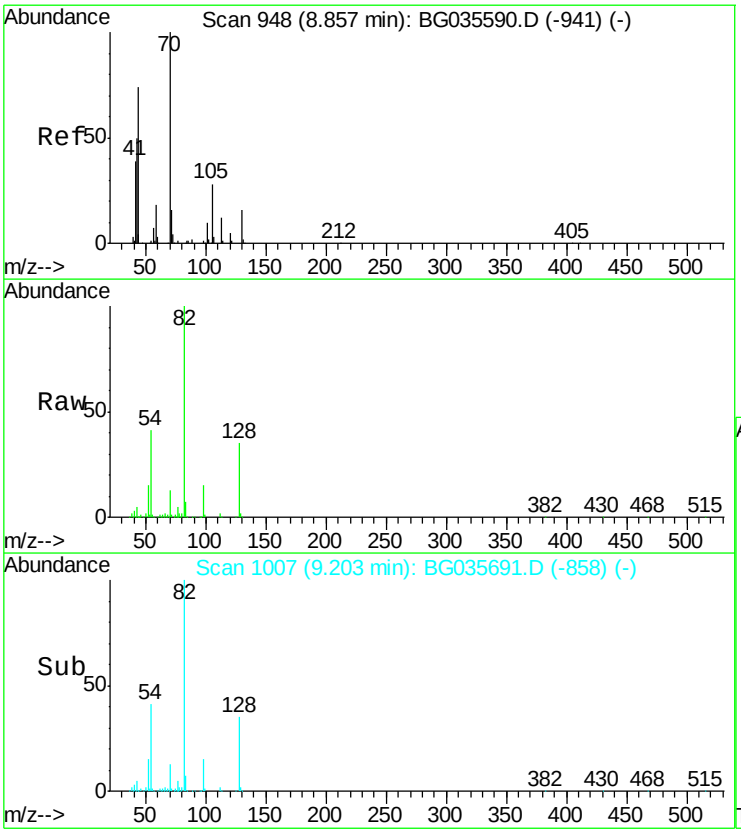
#7
Phenol-d6
Concen: 111.786 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion: 99 Resp: 532888

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	43.4	26.1	39.1#

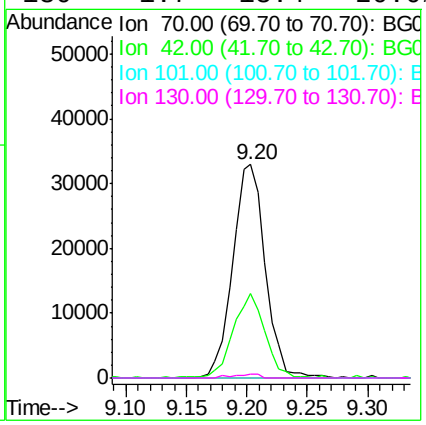


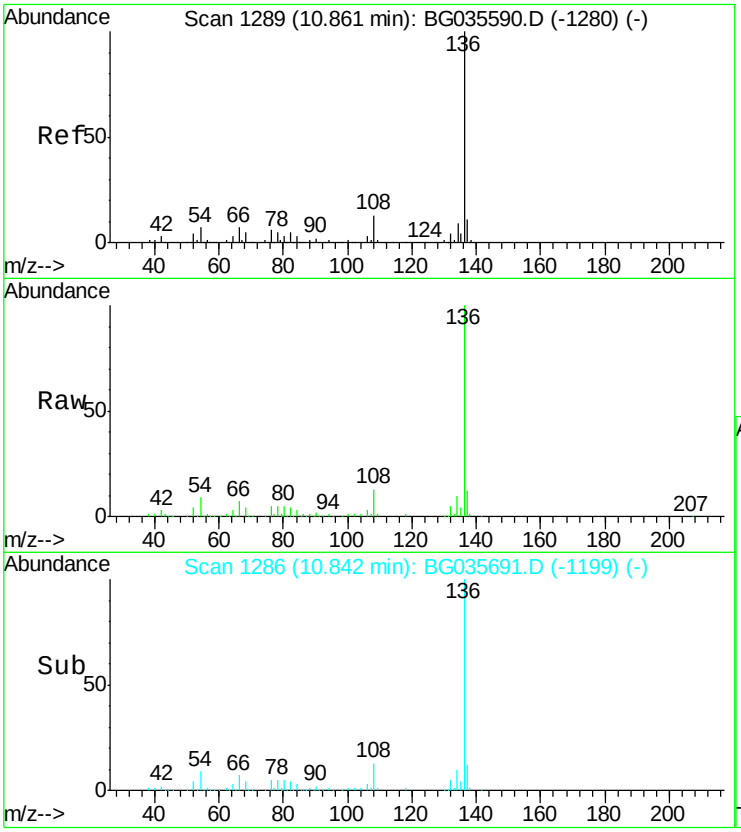


#19
n-Nitroso-di-n-propylamine
Concen: 15.366 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Tgt Ion: 70 Resp: 61684

Ion	Ratio	Lower	Upper
70	100		
42	39.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



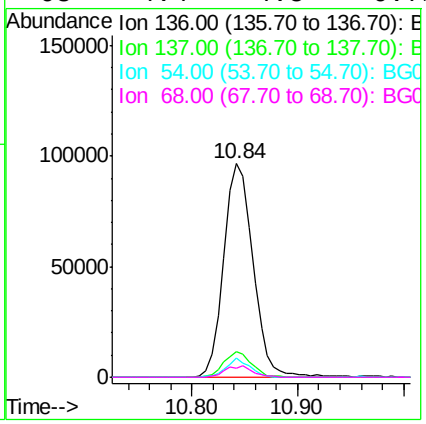


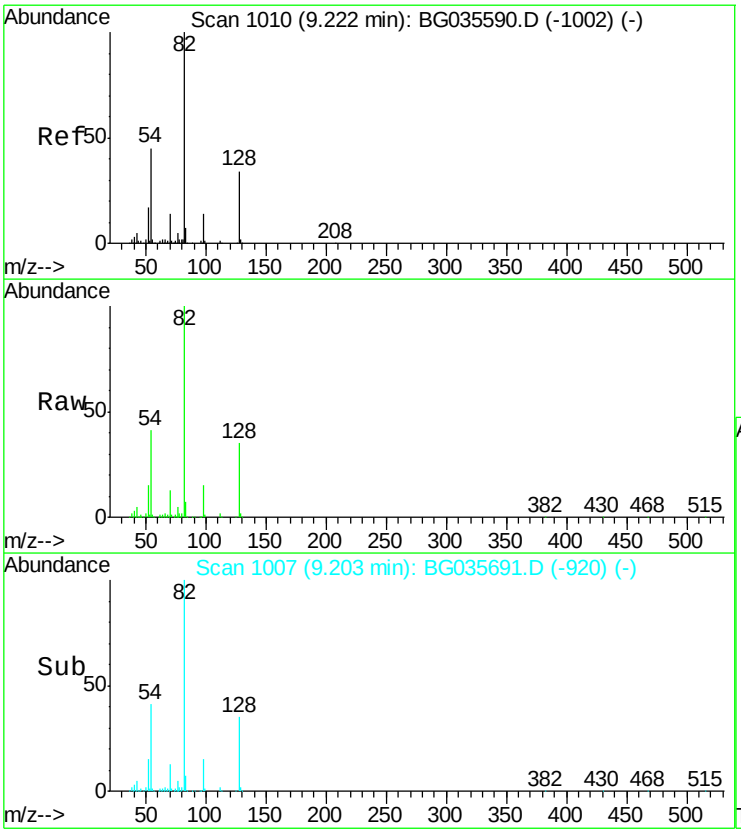
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:136 Resp: 185165

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	8.7	10.3	15.5#
68	4.4	4.5	6.7#

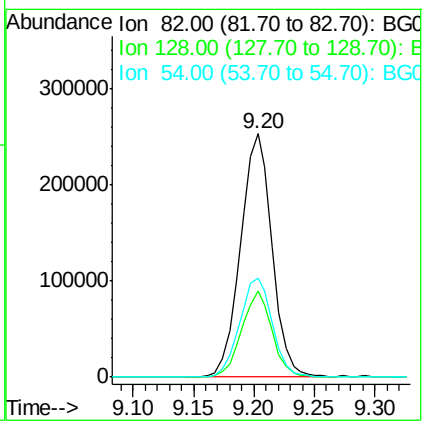


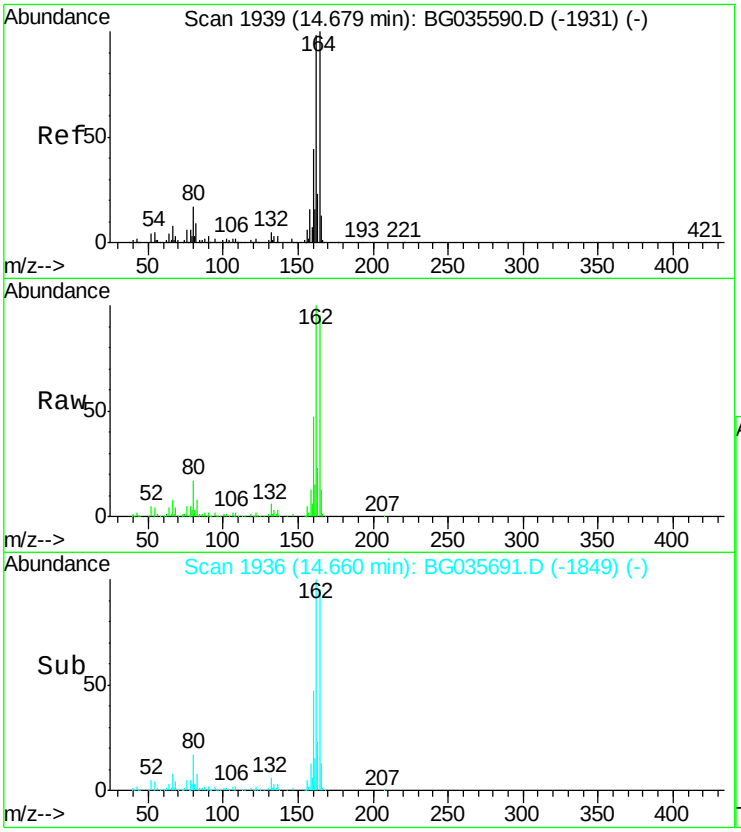


#23
Nitrobenzene-d5
Concen: 103.817 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Tgt Ion: 82 Resp: 460164

Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	40.8	43.1	64.7#



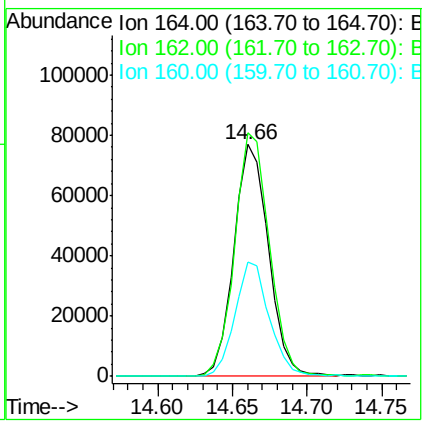


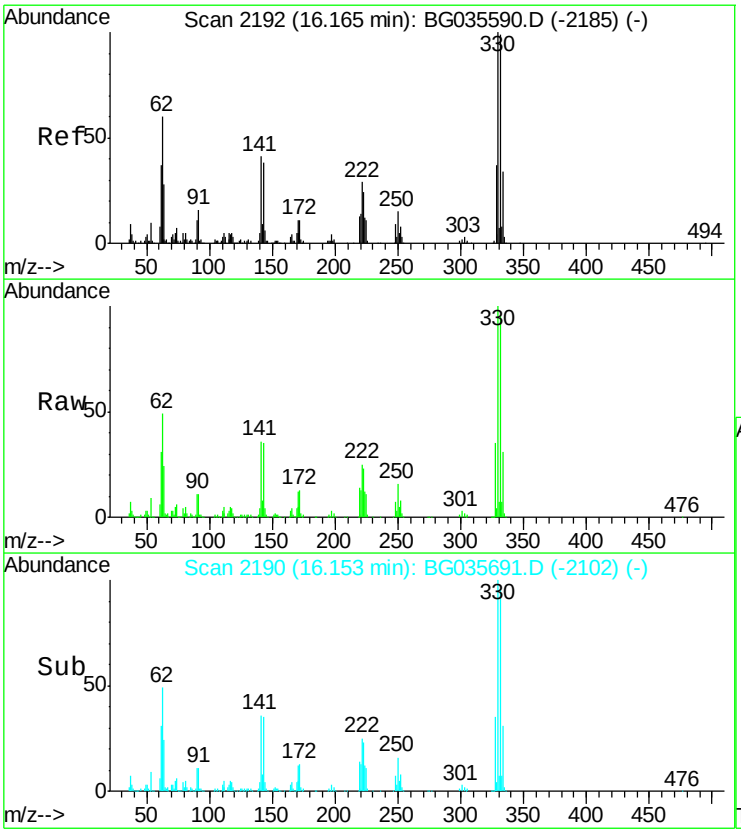
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:164 Resp: 123940

Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.8	118.2
160	49.0	35.4	53.0

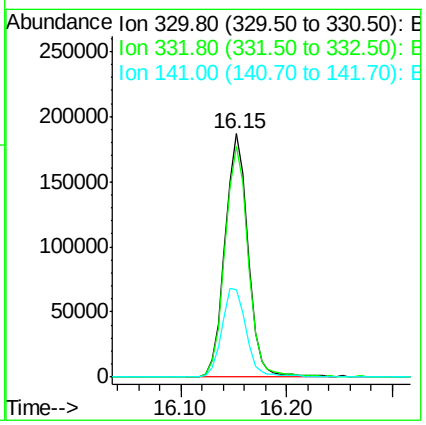


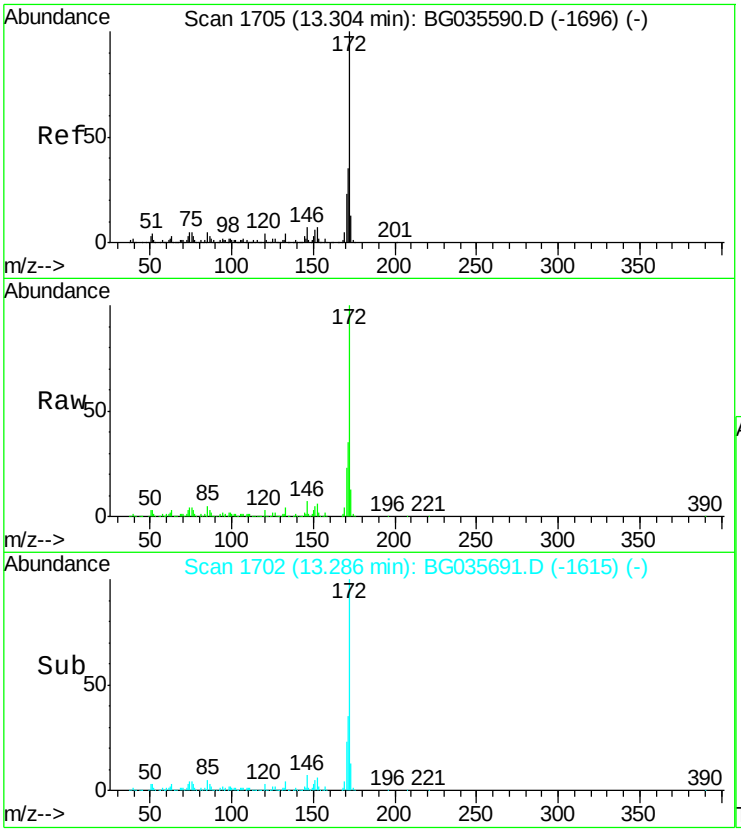


#41
2,4,6-Tribromophenol
Concen: 172.446 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Tgt Ion:330 Resp: 281709

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	38.4	25.2	37.8#



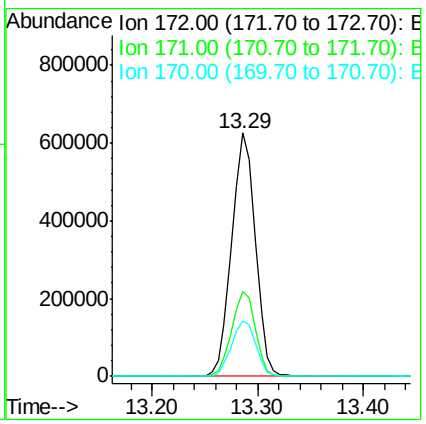


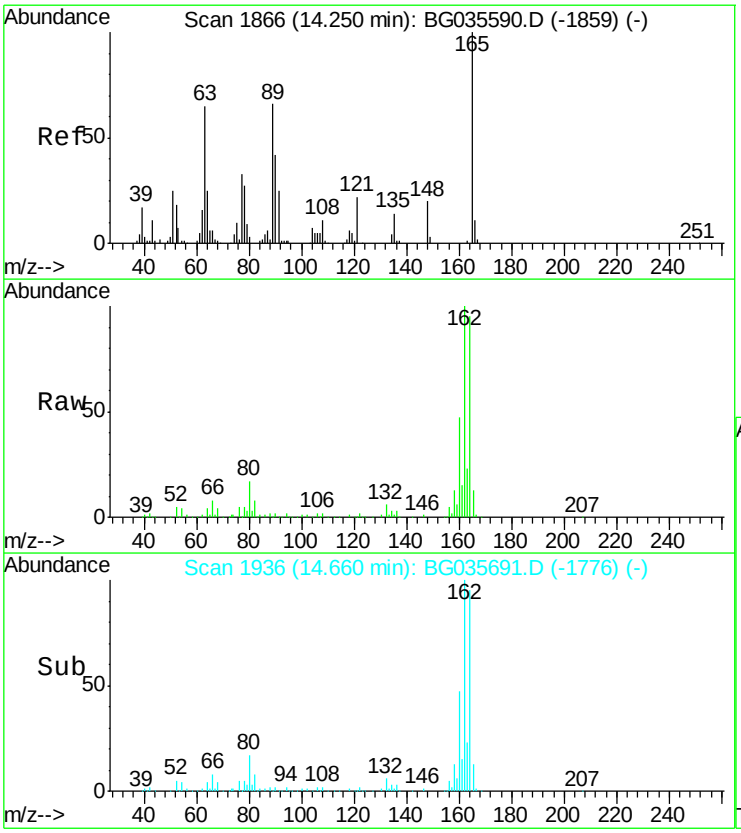
#44
2-Fluorobiphenyl
Concen: 104.486 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:172 Resp: 966606

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	22.8	19.5	29.3

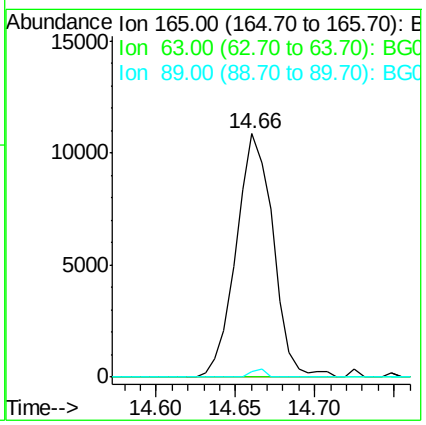


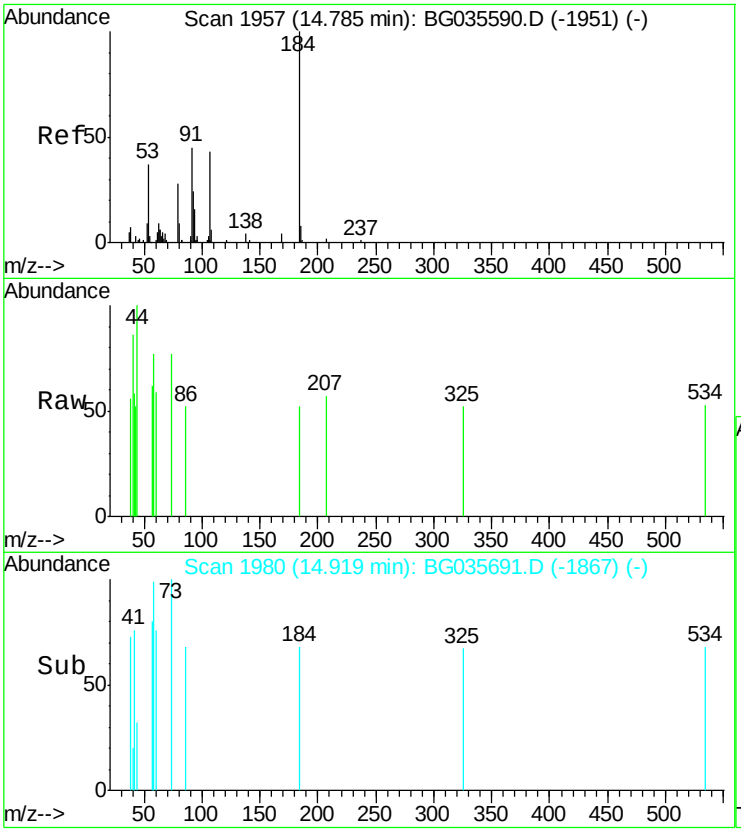


#50
2,6-Dinitrotoluene
Concen: 7.958 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.41 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Tgt Ion:165 Resp: 17598

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.0	49.2	73.8#



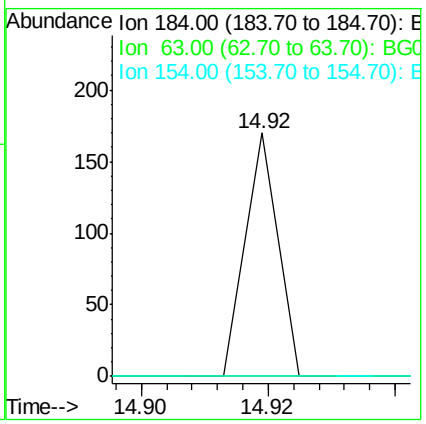


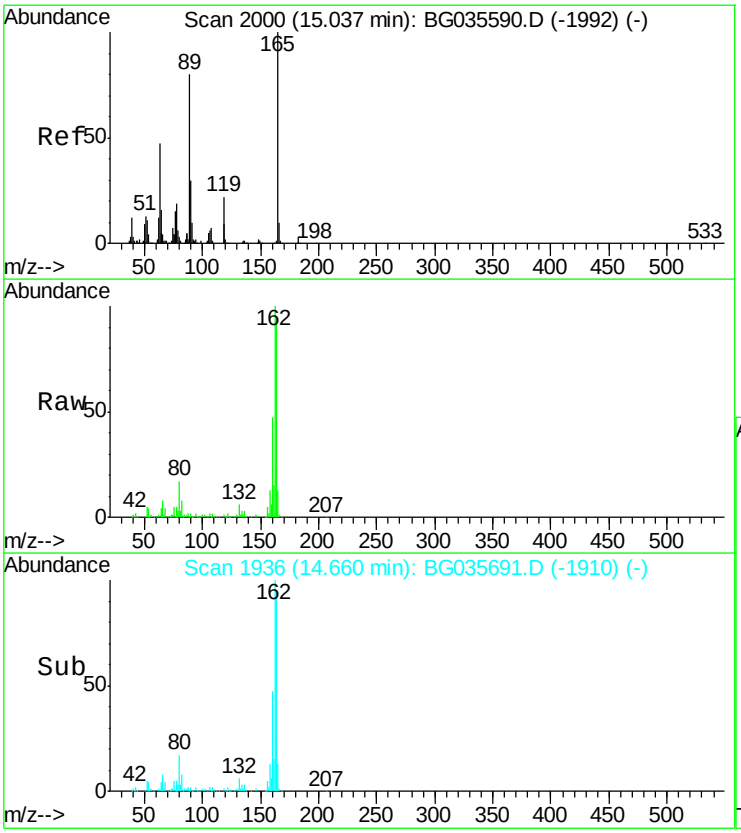
#53
2,4-Dinitrophenol
Concen: 6.631 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.13 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:184 Resp: 60

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

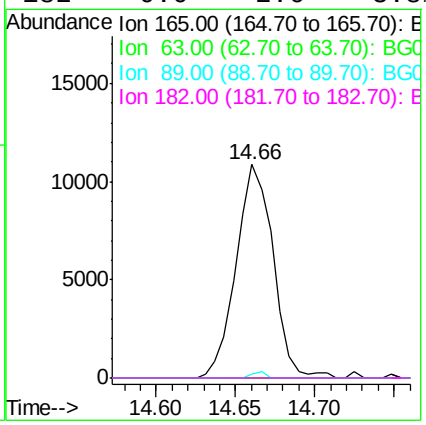


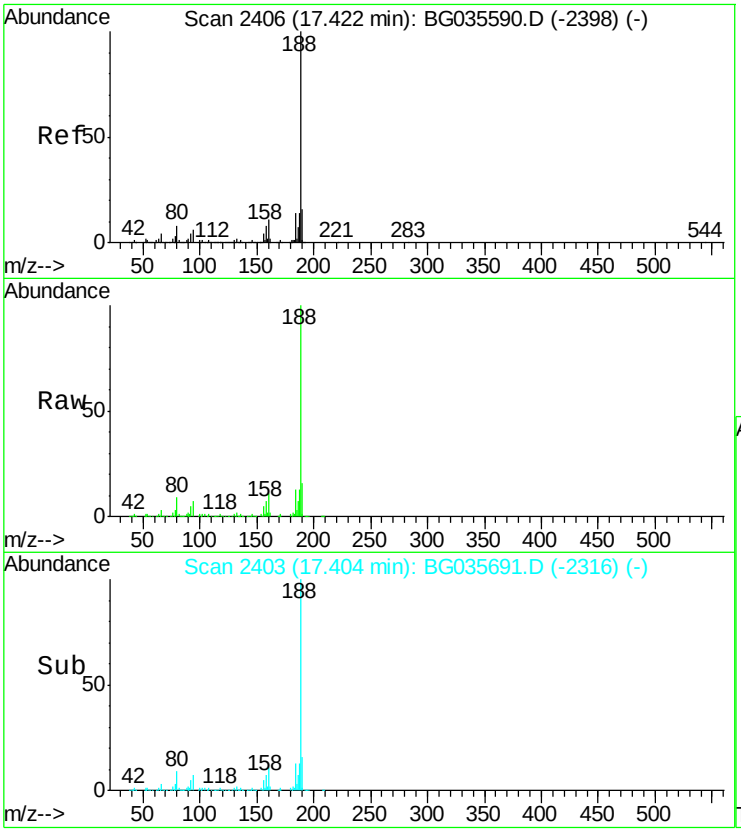


#56
2,4-Dinitrotoluene
Concen: 5.547 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.38 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Tgt Ion:165 Resp: 17598

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#



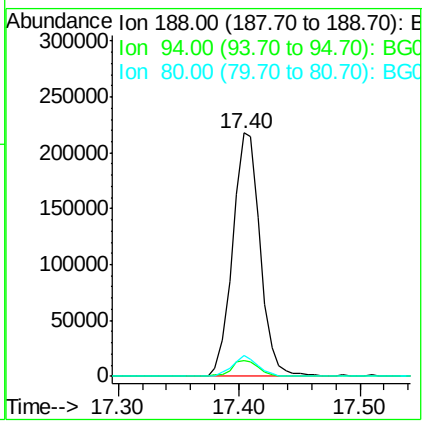


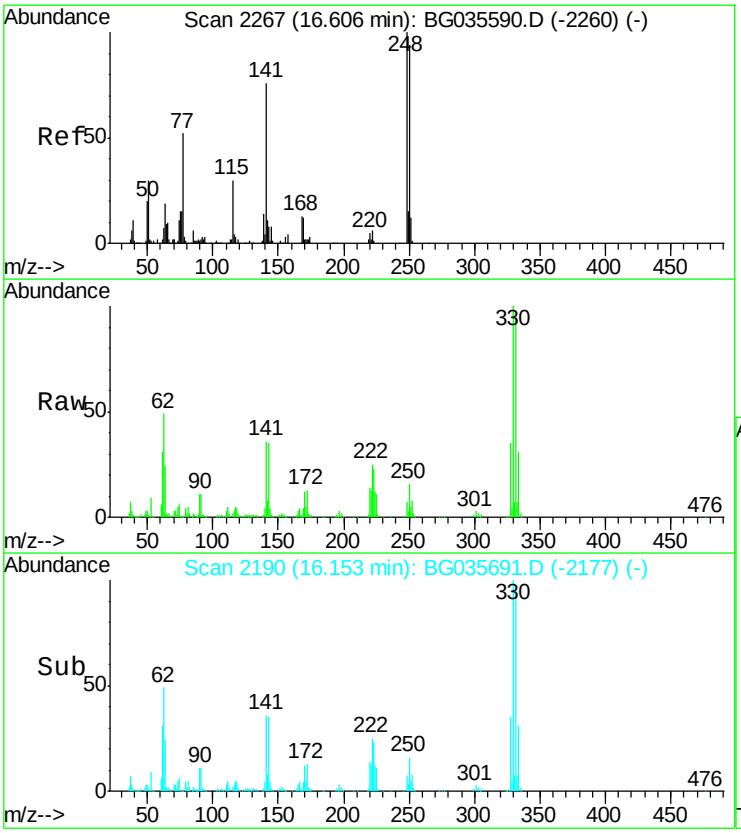
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:188 Resp: 344354

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	8.6	7.7	11.5

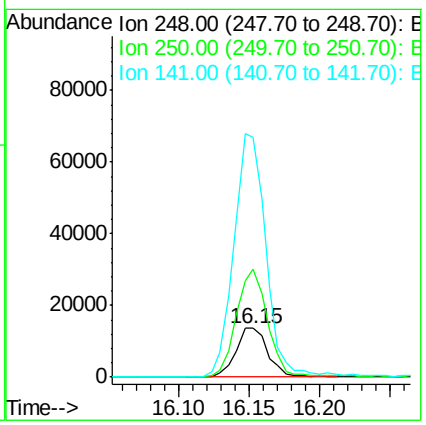


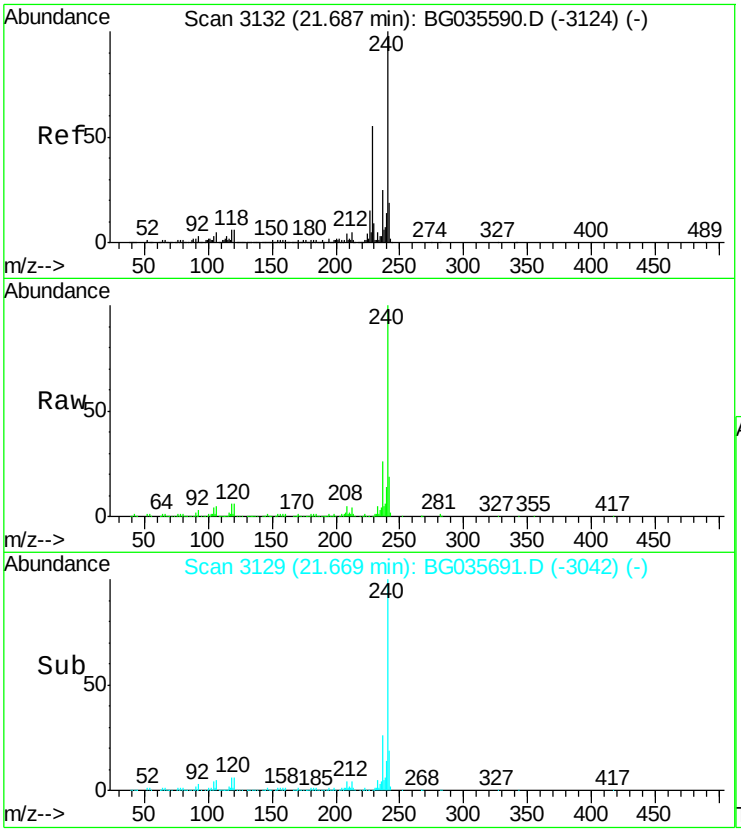


#66
4-Bromophenyl-phenylether
Concen: 5.429 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Tgt Ion:248 Resp: 21690

Ion	Ratio	Lower	Upper
248	100		
250	220.3	77.1	115.7#
141	489.1	50.8	76.2#



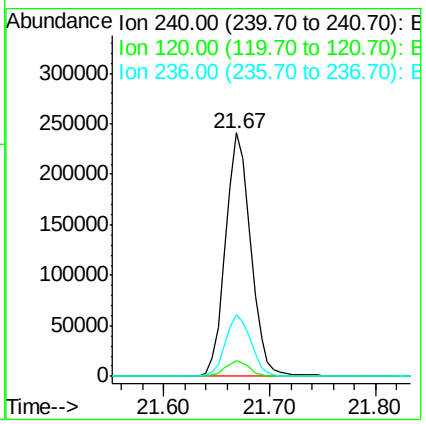


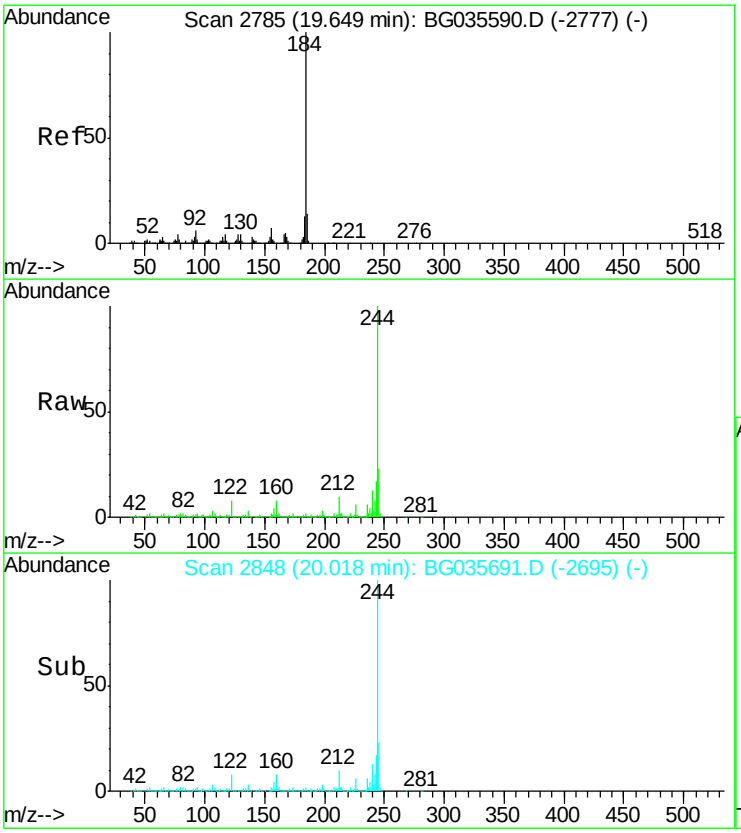
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:240 Resp: 397985

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	25.6	20.9	31.3

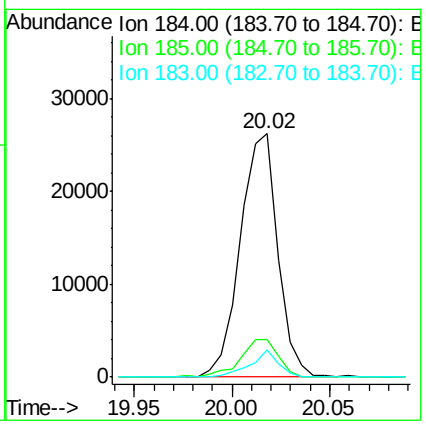


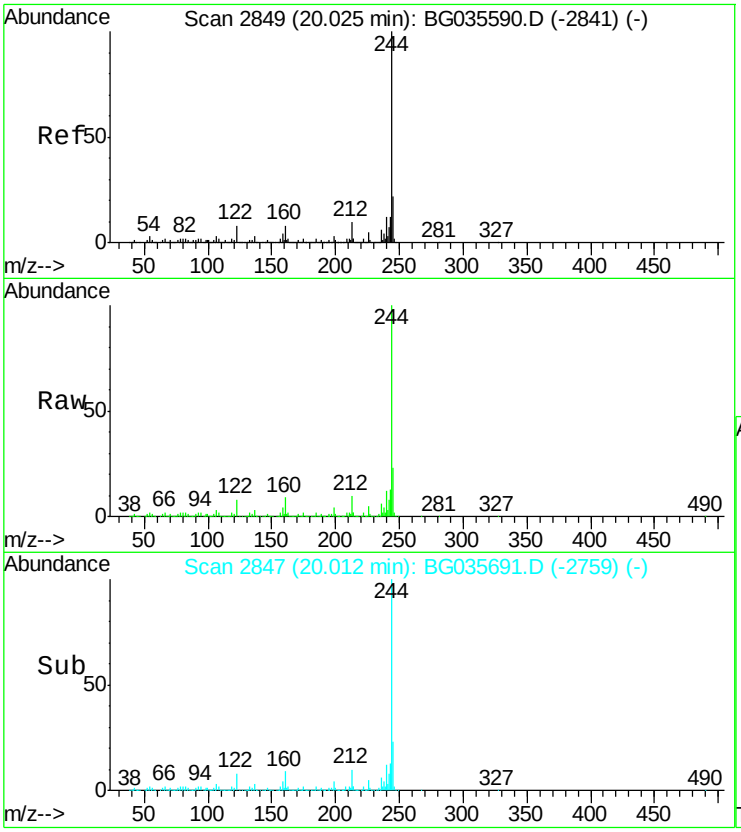


#76
Benzidine
Concen: 3.326 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Tgt Ion:184 Resp: 34801

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.1	16.7
183	11.5	10.6	16.0



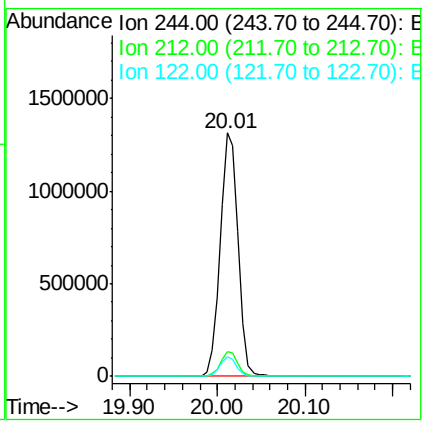


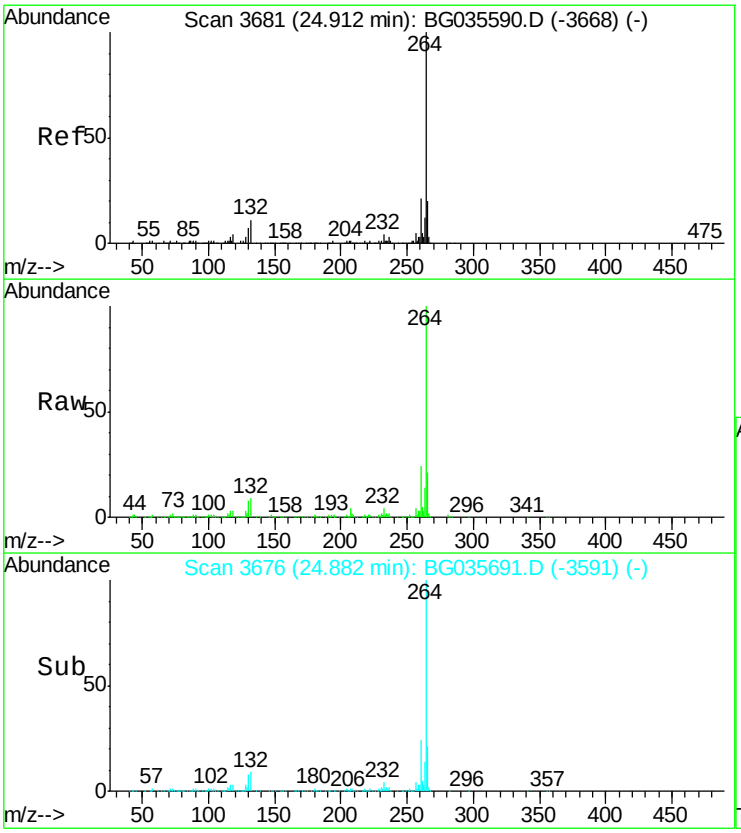
#78
Terphenyl-d14
Concen: 102.952 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:244 Resp: 1858794

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	8.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Tgt Ion:264 Resp: 364105

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.9	17.7	26.5