Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
Data File : BG035697.D
Acq On : 18 Jul 2018 00:26
Operator : JU/SJ
Sample : PB111100BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111100BL

Quant Time: Jul 18 01:12:36 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	57172	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	195546	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	135571	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	371769	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	433668	20.00	ng	-0.02
86) Perylene-d12	24.88	264	418374	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	460934	133.85	ng	0.00
7) Phenol-d6	7.21	99	643703	125.29	ng	0.00
23) Nitrobenzene-d5	9.20	82	407405	87.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	232928	130.35	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	926061	91.52	ng	-0.02
78) Terphenyl-d14	20.02	244	1732345	88.05	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	55238	12.767	ng	# 69
50) 2,6-Dinitrotoluene	14.66	165	18279	7.557	ng	# 22
53) 2,4-Dinitrophenol	15.00	184	55	6.623	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	18279	5.268	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	19180	4.447	ng	# 1
76) Benzidine	20.01	184	30989	2.718	ng	# 89

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

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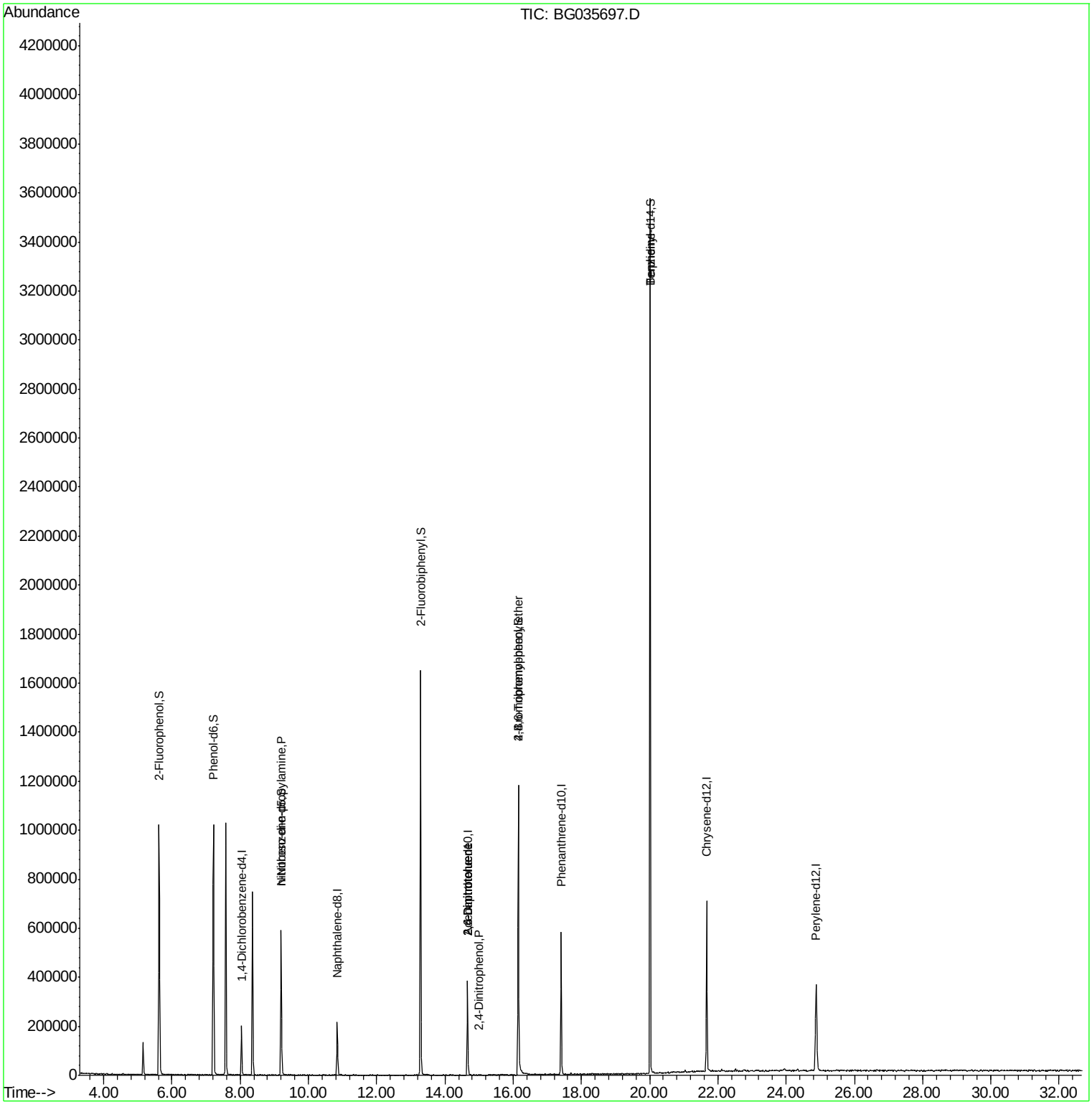
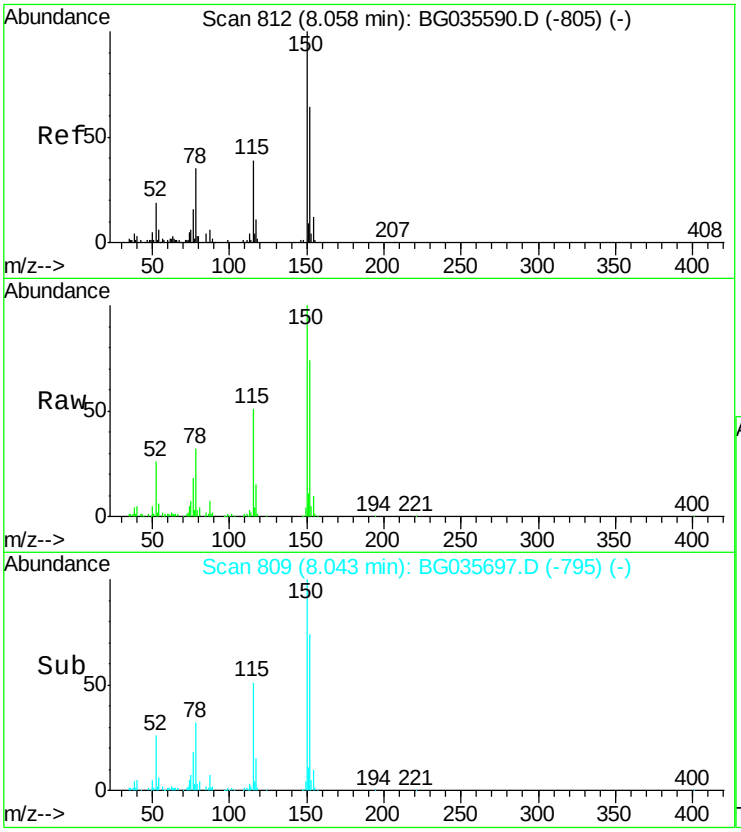


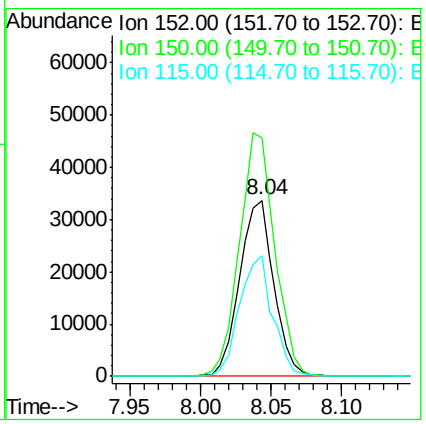


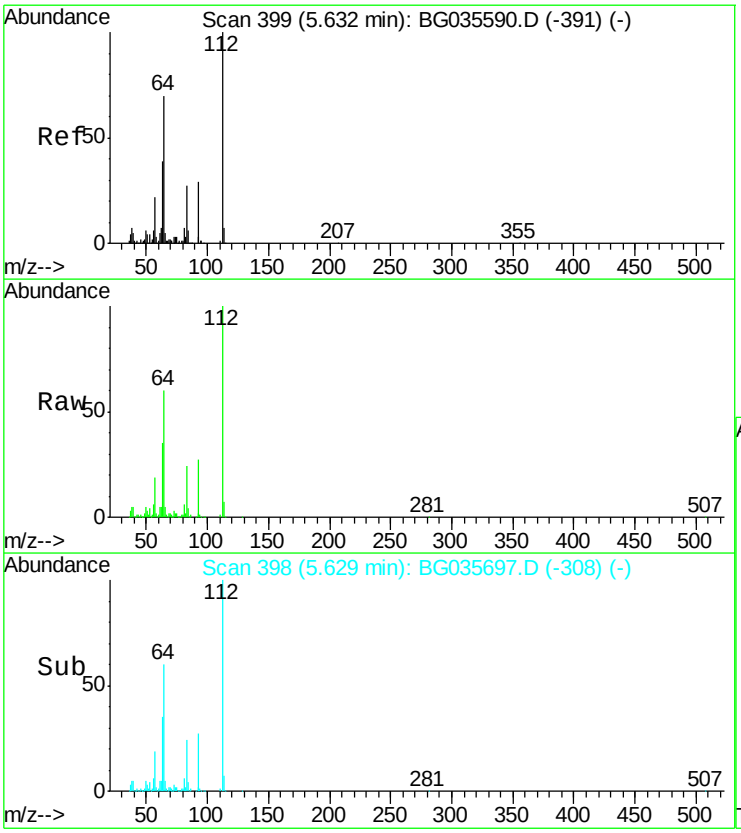
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Instrument :
BNA_G
ClientSampleId :
PB111100BL

Tgt Ion:152 Resp: 57172

Ion	Ratio	Lower	Upper
152	100		
150	135.2	126.6	189.8
115	68.5	53.0	79.4

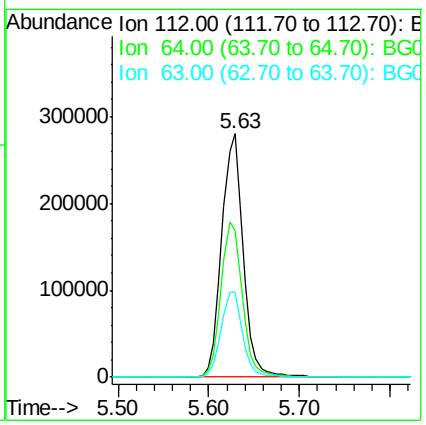


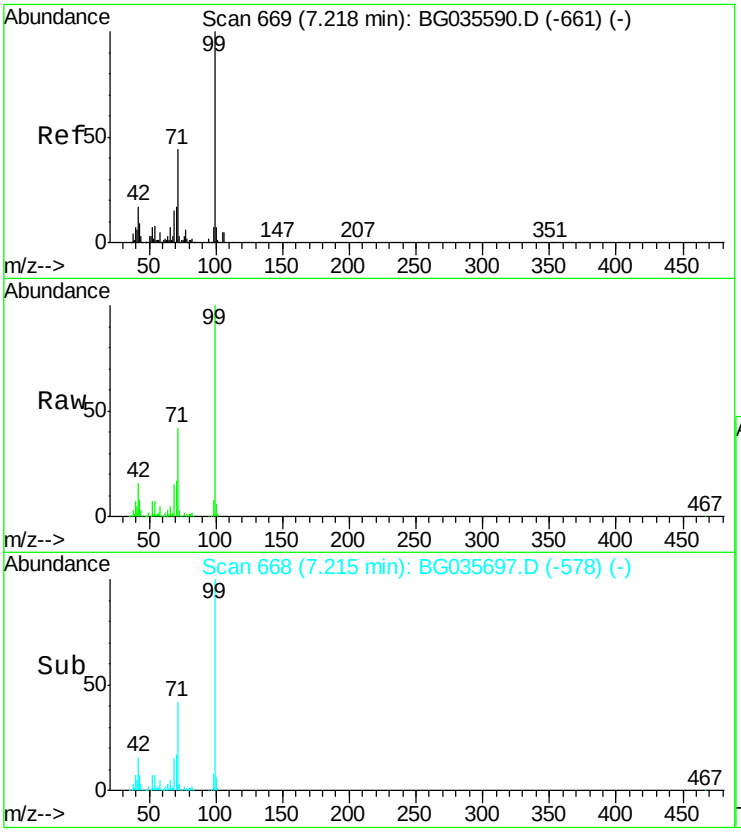


#5
2-Fluorophenol
Concen: 133.852 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Tgt Ion:112 Resp: 460934

Ion	Ratio	Lower	Upper
112	100		
64	60.0	56.3	84.5
63	34.8	30.1	45.1



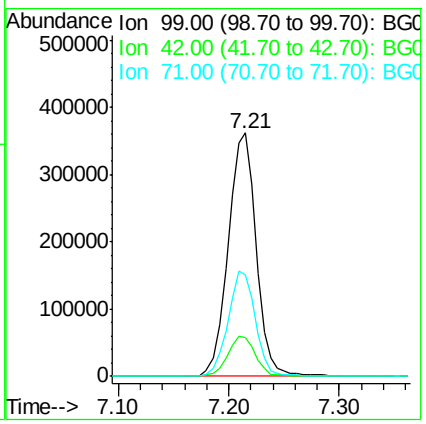


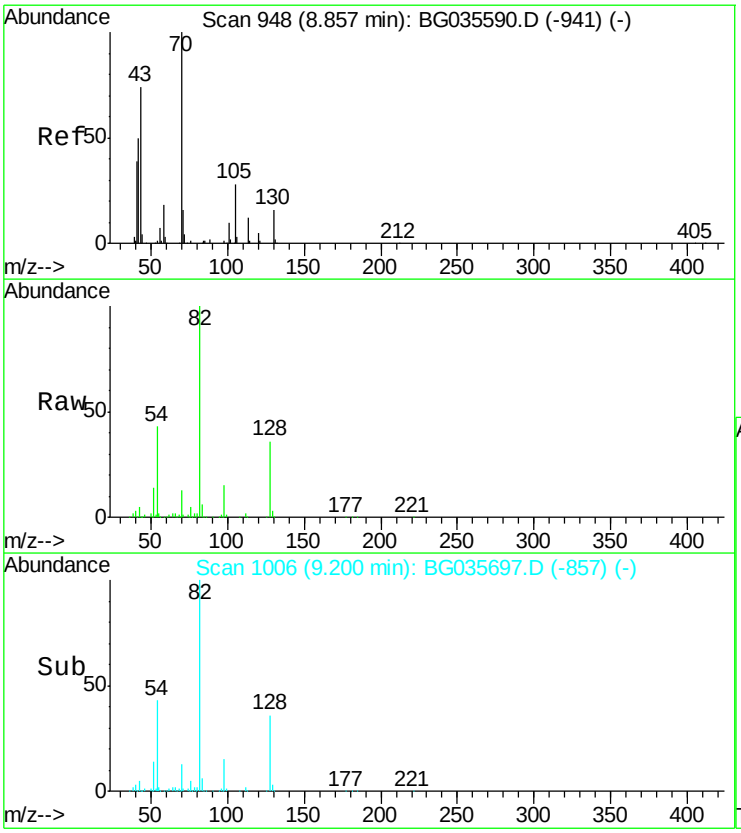
#7
Phenol-d6
Concen: 125.287 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.00 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Instrument :
BNA_G
ClientSampleId :
PB111100BL

Tgt Ion: 99 Resp: 643703

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	41.7	26.1	39.1#

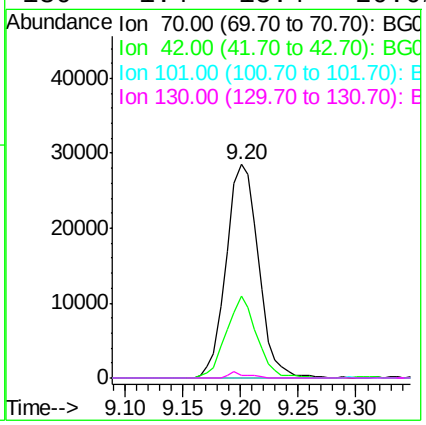


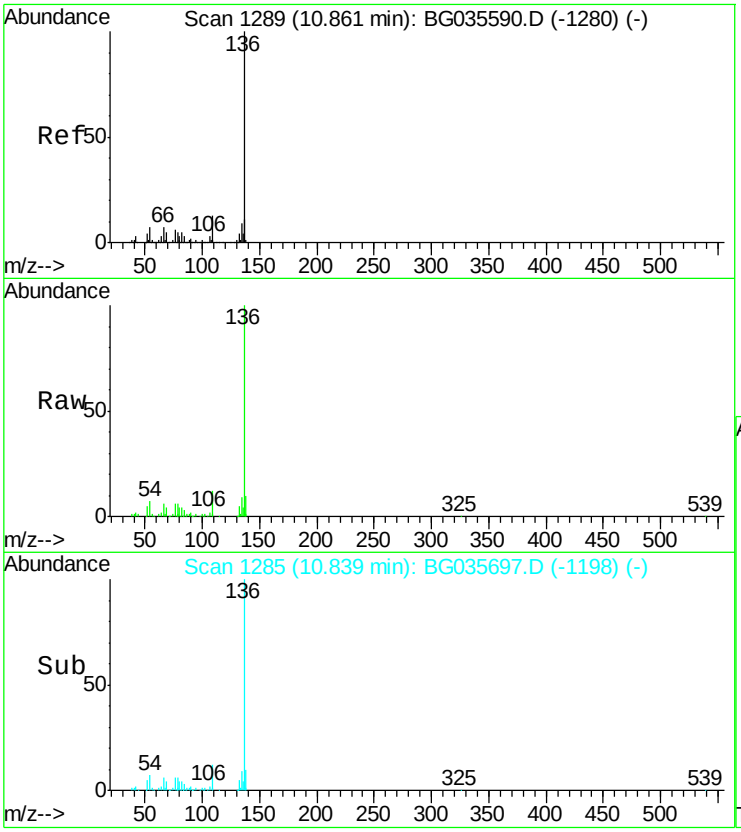


#19
n-Nitroso-di-n-propylamine
Concen: 12.767 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.34 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Tgt Ion: 70 Resp: 55238

Ion	Ratio	Lower	Upper
70	100		
42	38.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



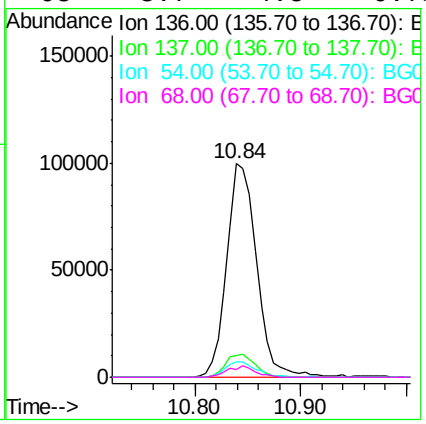


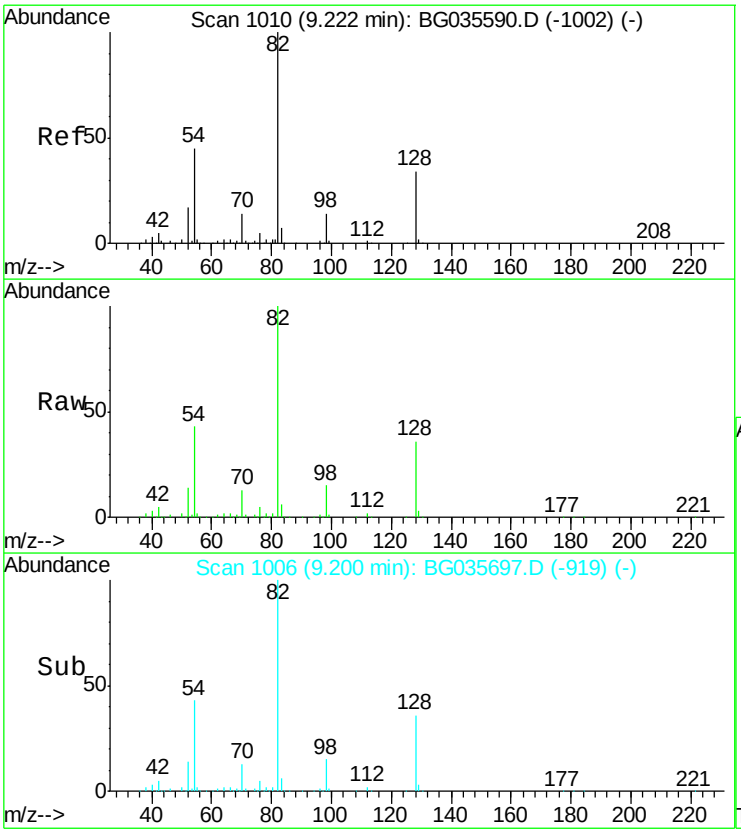
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Instrument :
BNA_G
ClientSampleId :
PB111100BL

Tgt Ion:136 Resp: 195546

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	7.3	10.3	15.5#
68	3.7	4.5	6.7#

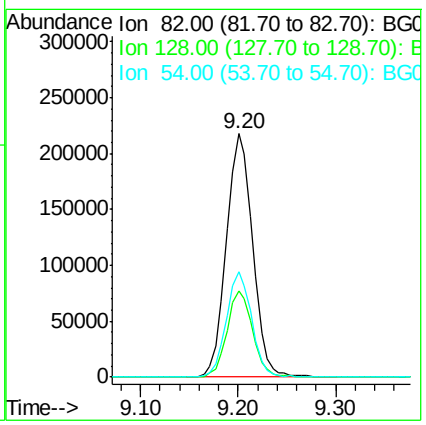


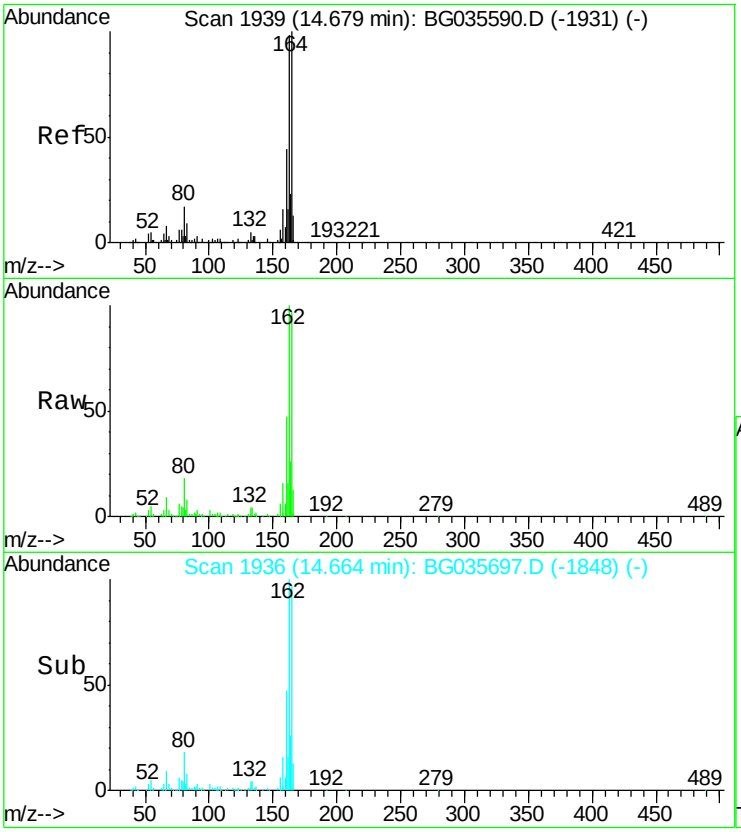


#23
Nitrobenzene-d5
Concen: 87.034 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Tgt Ion: 82 Resp: 407405

Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	43.5	43.1	64.7



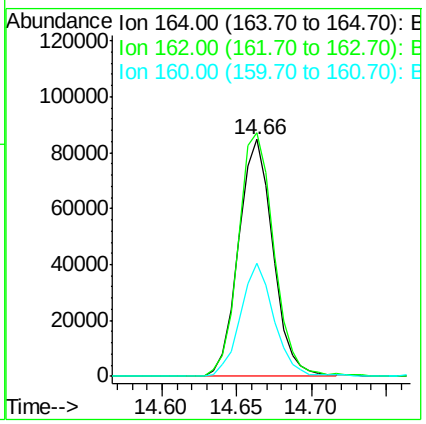


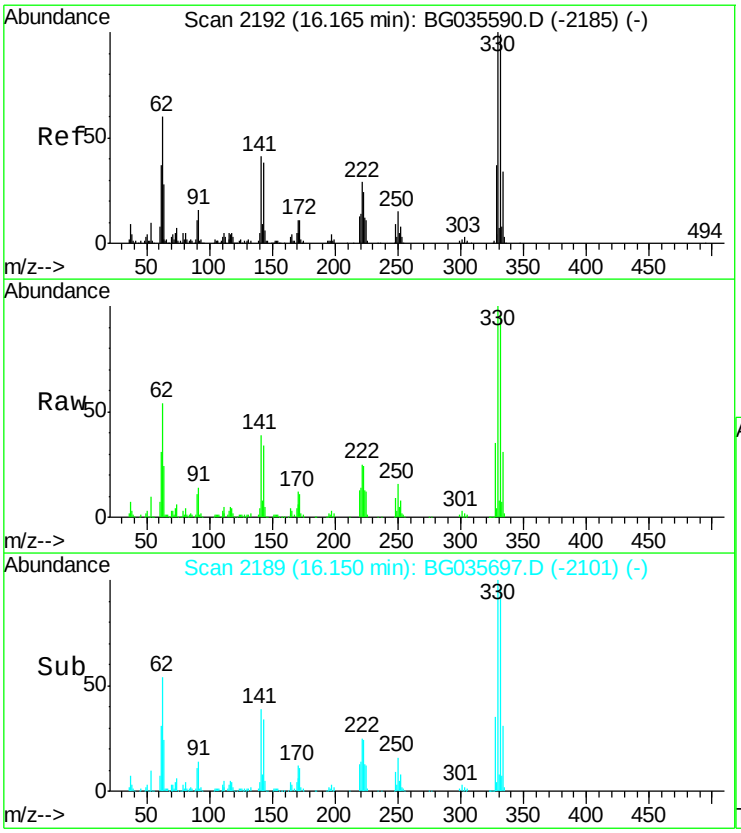
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Instrument :
BNA_G
ClientSampleId :
PB111100BL

Tgt Ion:164 Resp: 135571

Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	47.8	35.4	53.0

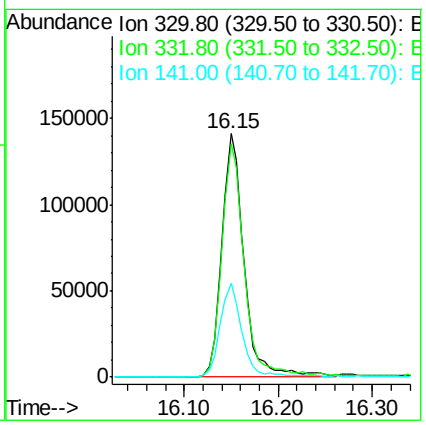


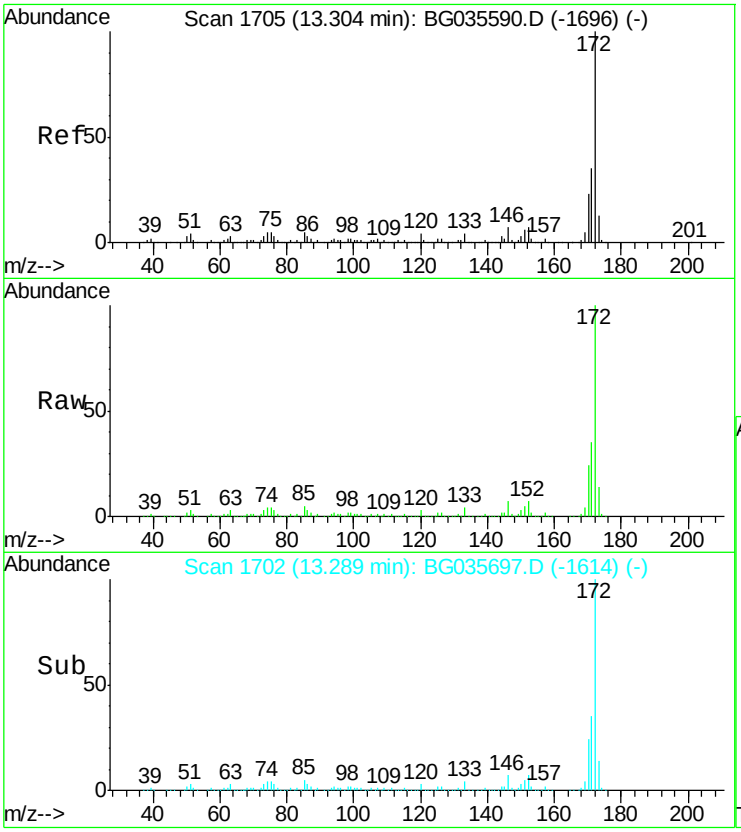


#41
2,4,6-Tribromophenol
Concen: 130.352 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Tgt Ion:330 Resp: 232928

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	38.4	25.2	37.8#



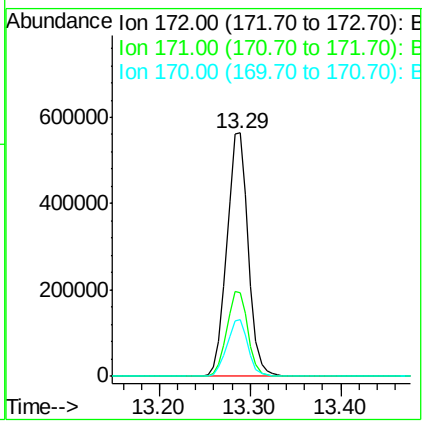


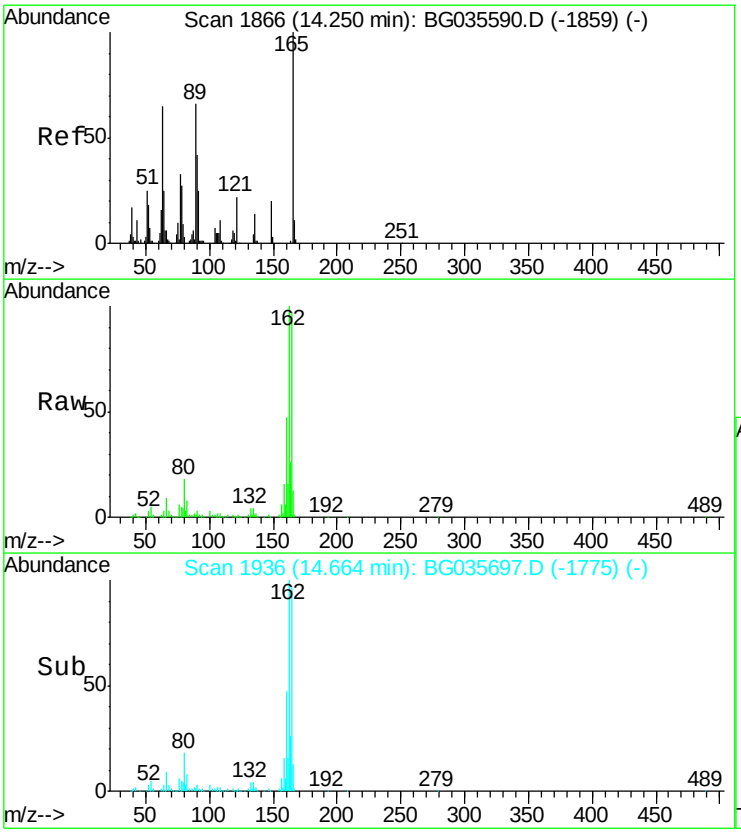
#44
2-Fluorobiphenyl
Concen: 91.515 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Instrument :
BNA_G
ClientSampleId :
PB111100BL

Tgt Ion:172 Resp: 926061

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	23.6	19.5	29.3

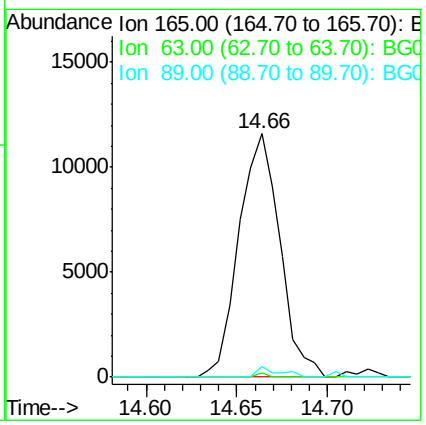


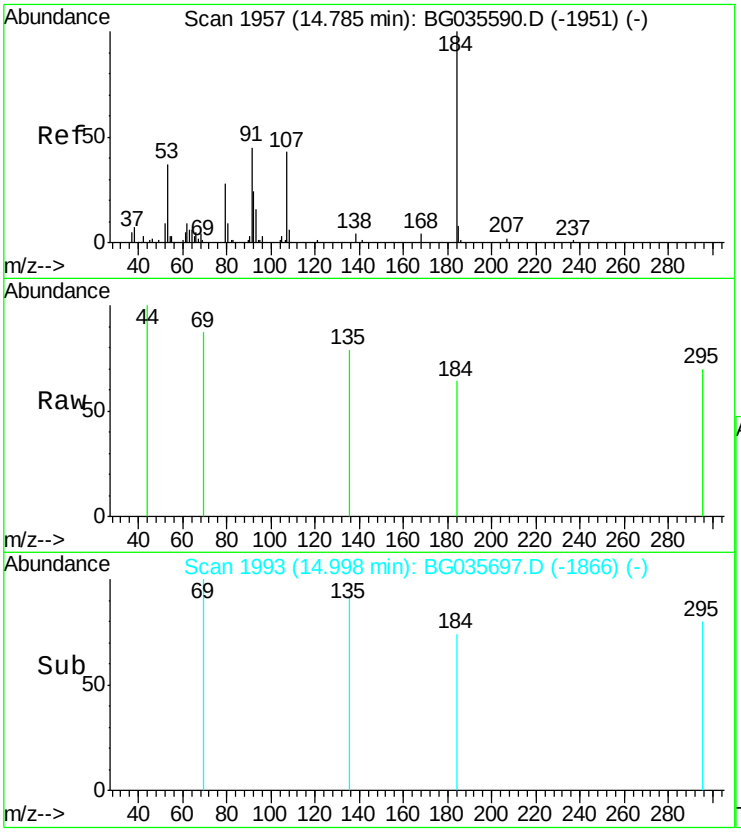


#50
2,6-Dinitrotoluene
Concen: 7.557 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.41 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Tgt Ion:165 Resp: 18279

Ion	Ratio	Lower	Upper
165	100		
63	1.5	52.7	79.1#
89	4.4	49.2	73.8#



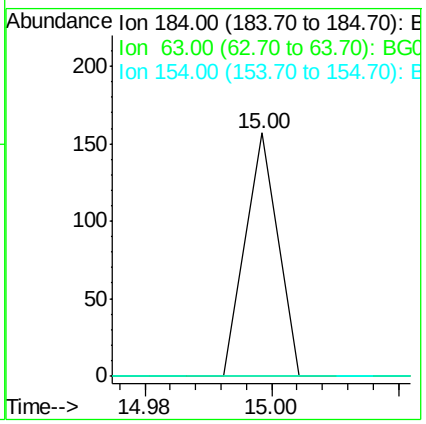


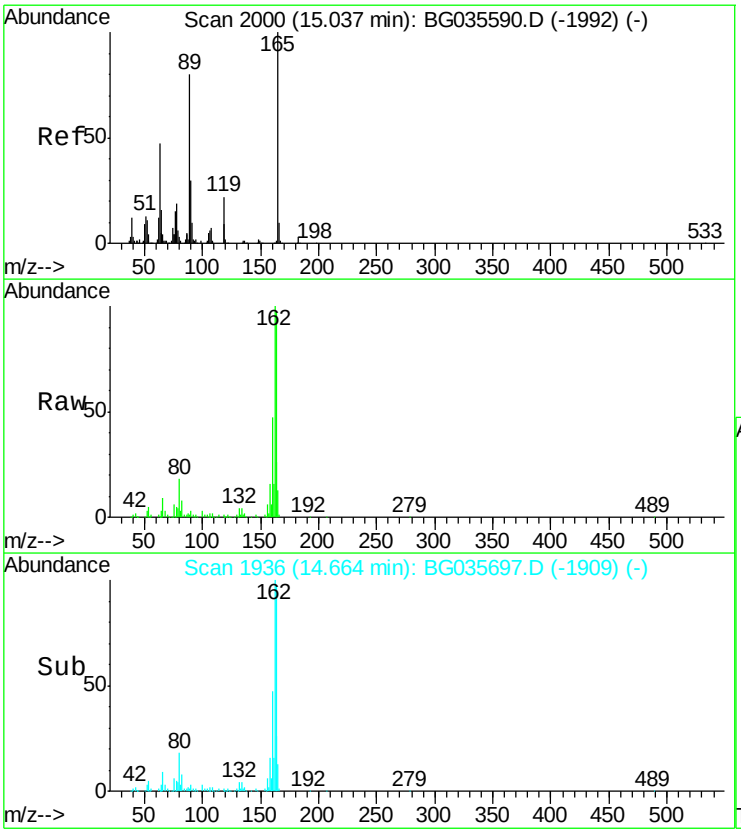
#53
2,4-Dinitrophenol
Concen: 6.623 ng
RT: 15.00 min Scan# 1993
Delta R.T. 0.21 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Instrument :
BNA_G
ClientSampleId :
PB111100BL

Tgt Ion:184 Resp: 55

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

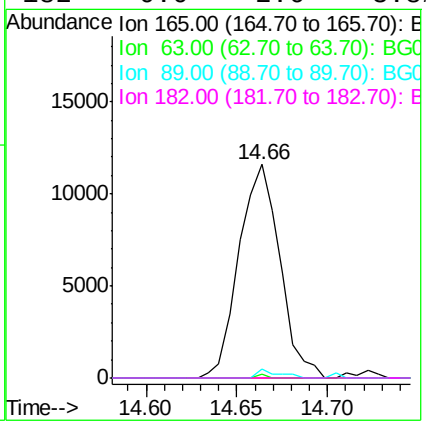


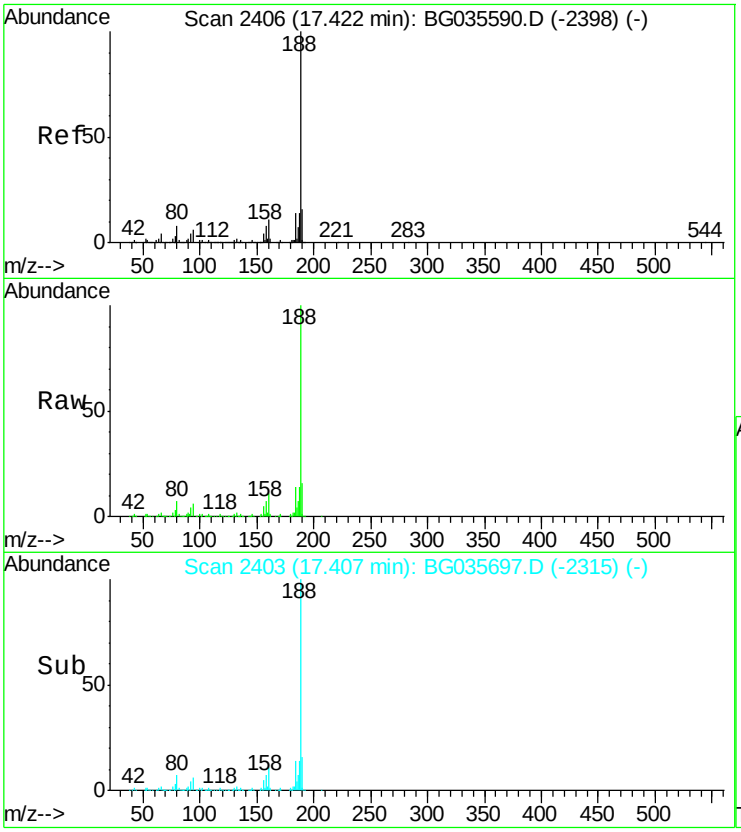


#56
2,4-Dinitrotoluene
Concen: 5.268 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Tgt Ion:165 Resp: 18279

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.0	63.0#
89	4.4	66.9	100.3#
182	0.0	2.6	3.8#



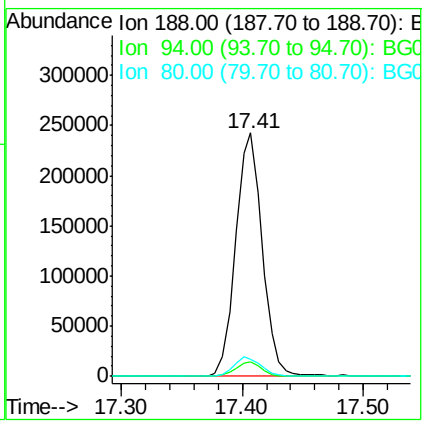


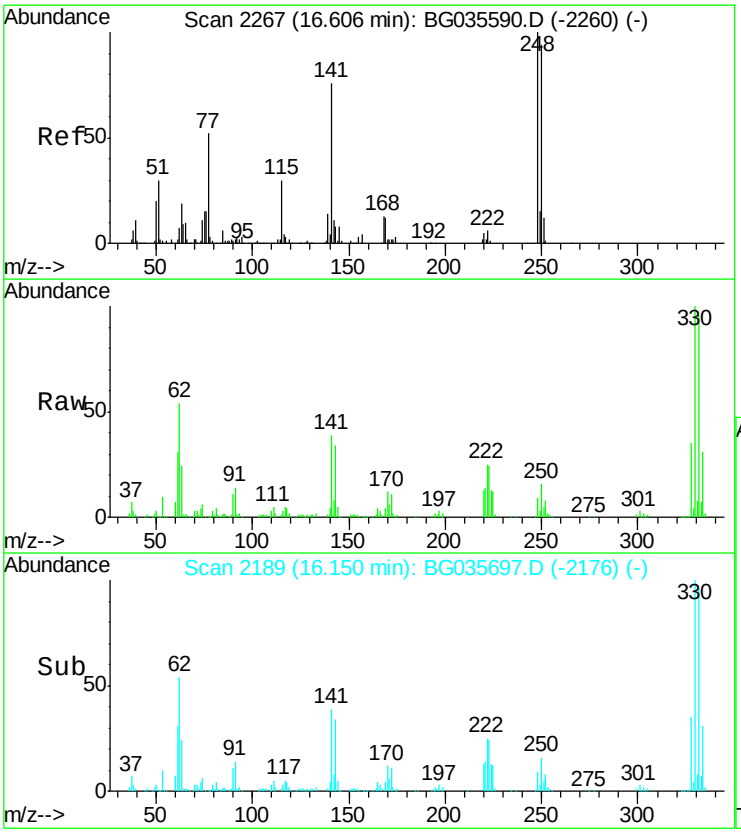
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Instrument :
BNA_G
ClientSampleId :
PB111100BL

Tgt Ion:188 Resp: 371769

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.2	7.7	11.5#

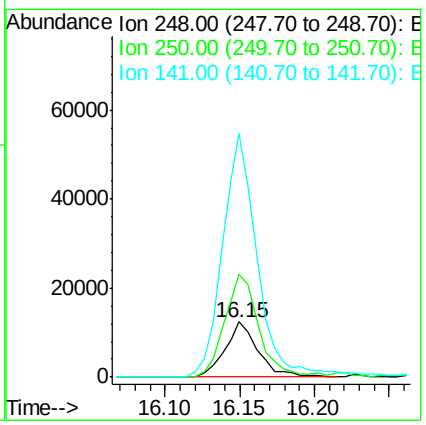


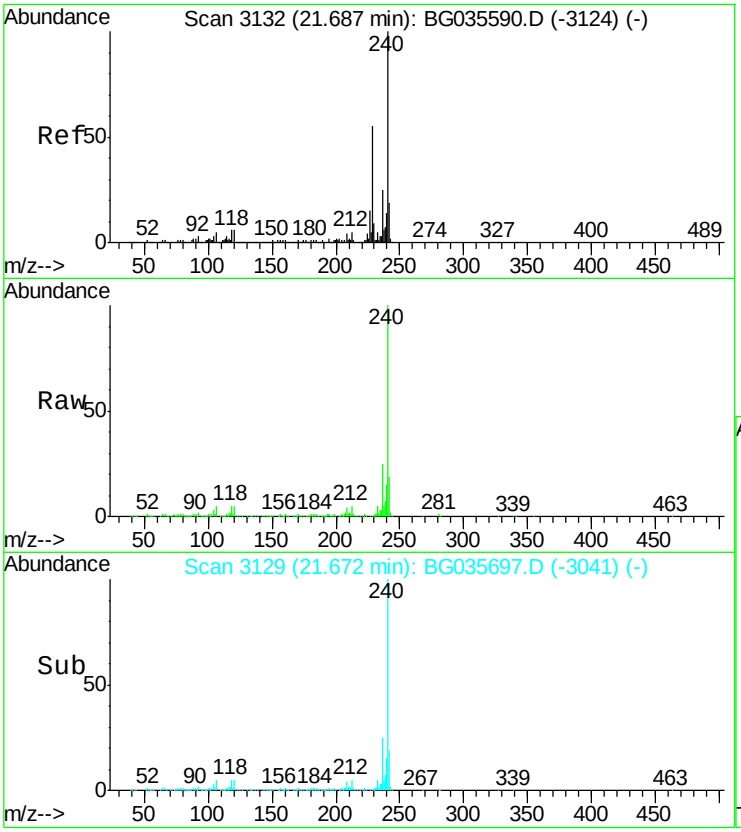


#66
4-Bromophenyl-phenylether
Concen: 4.447 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Tgt Ion:248 Resp: 19180

Ion	Ratio	Lower	Upper
248	100		
250	184.5	77.1	115.7#
141	439.4	50.8	76.2#



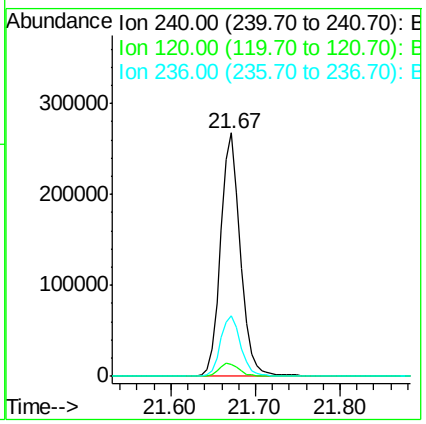


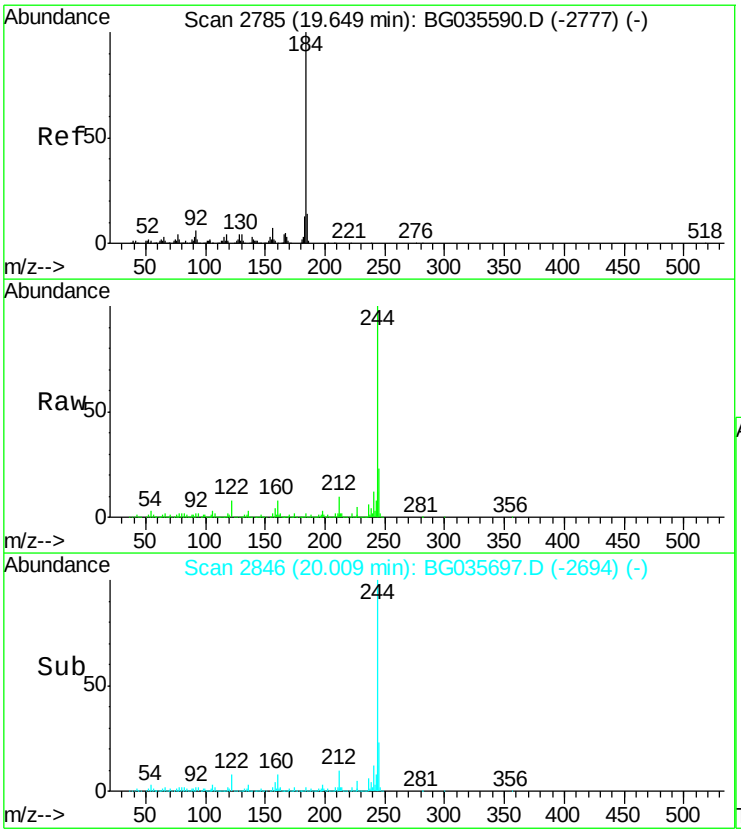
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Instrument :
BNA_G
ClientSampleId :
PB111100BL

Tgt Ion:240 Resp: 433668

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	24.8	20.9	31.3

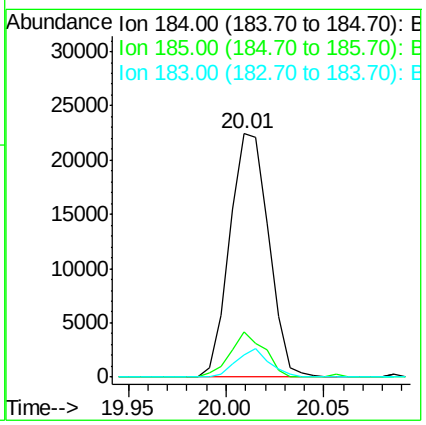


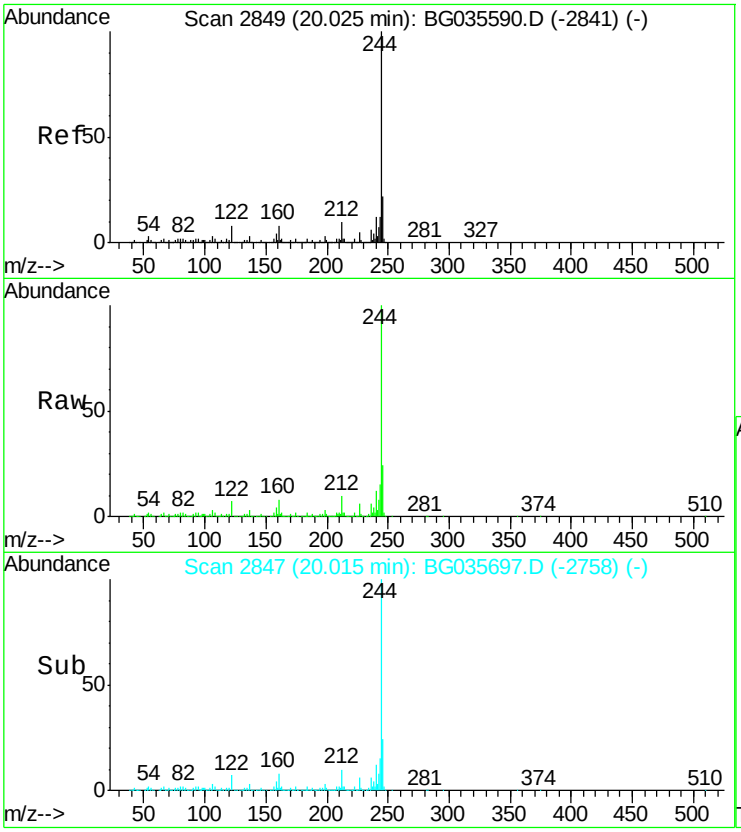


#76
Benzidine
Concen: 2.718 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Tgt Ion:184 Resp: 30989

Ion	Ratio	Lower	Upper
184	100		
185	18.5	11.1	16.7#
183	9.1	10.6	16.0#



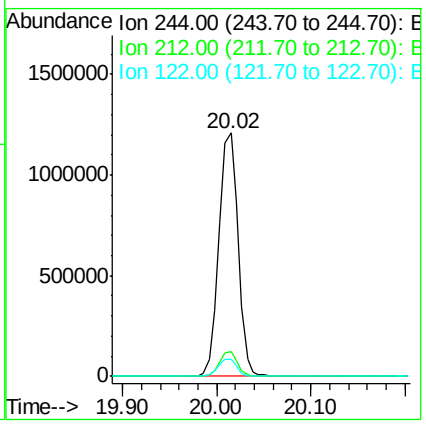


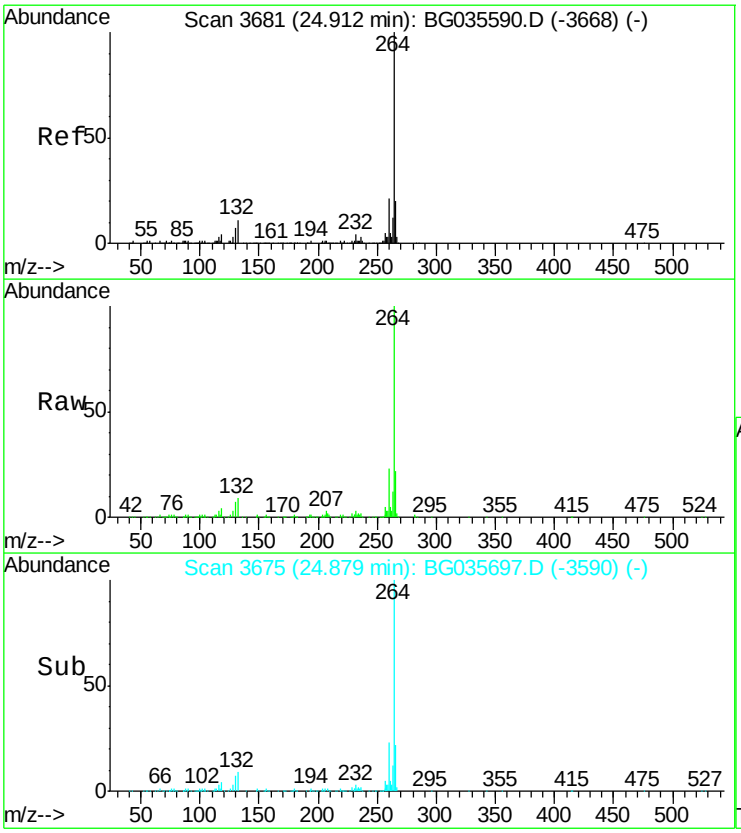
#78
Terphenyl-d14
Concen: 88.054 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Instrument :
BNA_G
ClientSampleId :
PB111100BL

Tgt Ion:244 Resp: 1732345

Ion	Ratio	Lower	Upper
244	100		
212	10.2	5.8	8.8#
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.03 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Tgt Ion:264 Resp: 418374

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.2	17.7	26.5