Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071618\
Data File : BG035663.D
Acq On : 16 Jul 2018 10:46
Operator : JU/SJ
Sample : J3975-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAR-8

Quant Time: Jul 16 11:28:21 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	8.05	152	45142	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	170453	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	121477	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	349253	20.00	ng	0.00
75) Chrysene-d12	21.69	240	374062	20.00	ng	0.00
86) Perylene-d12	24.91	264	343350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	383824	141.16	ng	0.00
7) Phenol-d6	7.22	99	496987	122.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	405549	99.39	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	269011	168.01	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	910940	100.47	ng	0.00
78) Terphenyl-d14	20.02	244	1704296	100.43	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	56349	16.495	ng	# 68
50) 2,6-Dinitrotoluene	14.68	165	16497	7.612	ng	# 21
53) 2,4-Dinitrophenol	14.70	184	62	6.633	ng	# 1
56) 2,4-Dinitrotoluene	14.68	165	16497	5.306	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	22292	5.502	ng	# 1
76) Benzidine	20.02	184	33089	3.365	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071618\
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Acq On : 16 Jul 2018 10:46
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BNA_G
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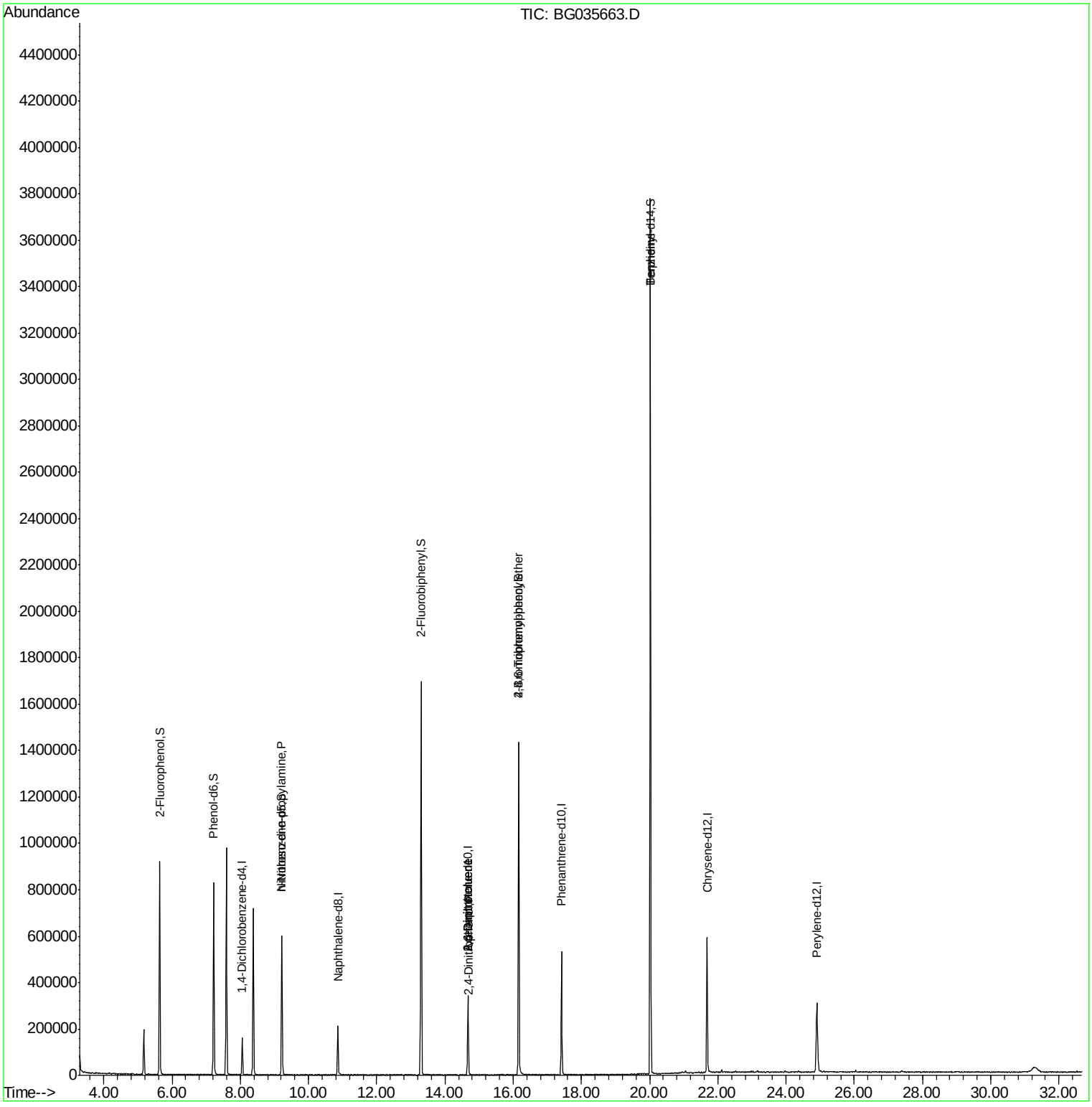
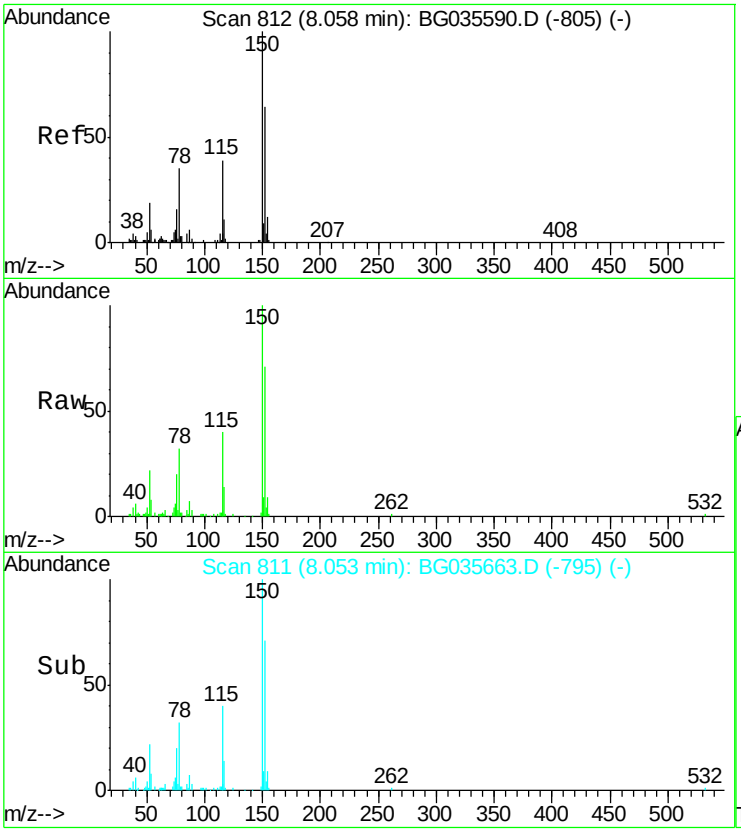
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



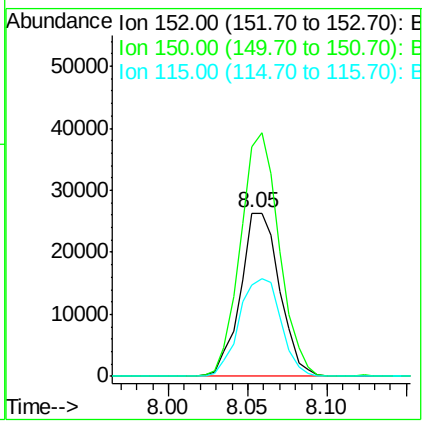


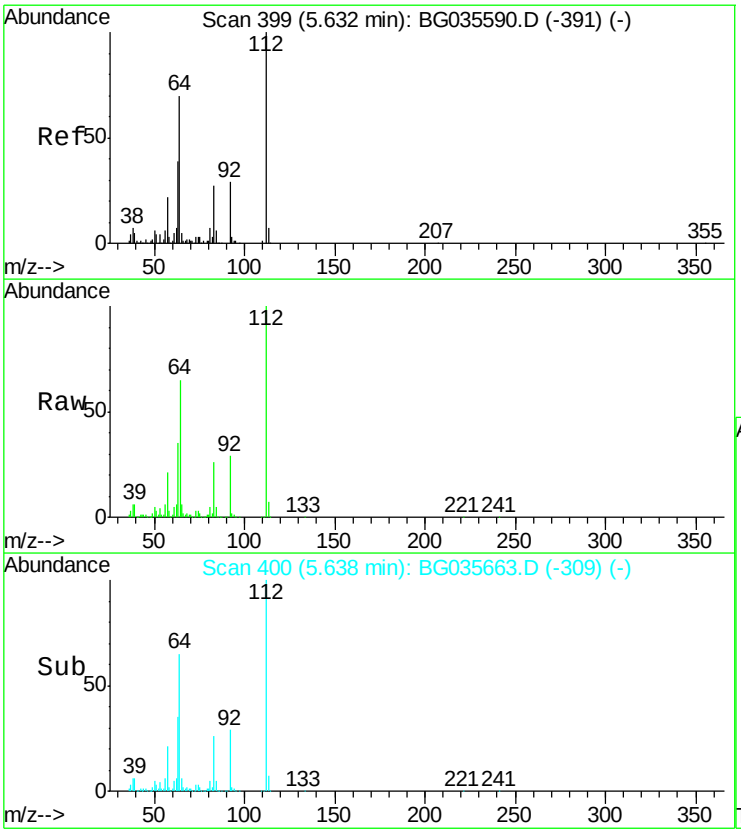
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Instrument :
BNA_G
ClientSampleId :
PAR-8

Tgt Ion:152 Resp: 45142

Ion	Ratio	Lower	Upper
152	100		
150	140.5	126.6	189.8
115	56.1	53.0	79.4

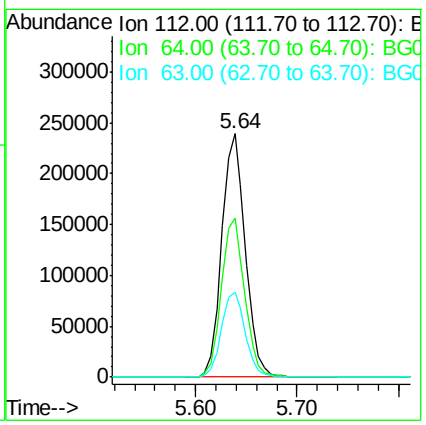


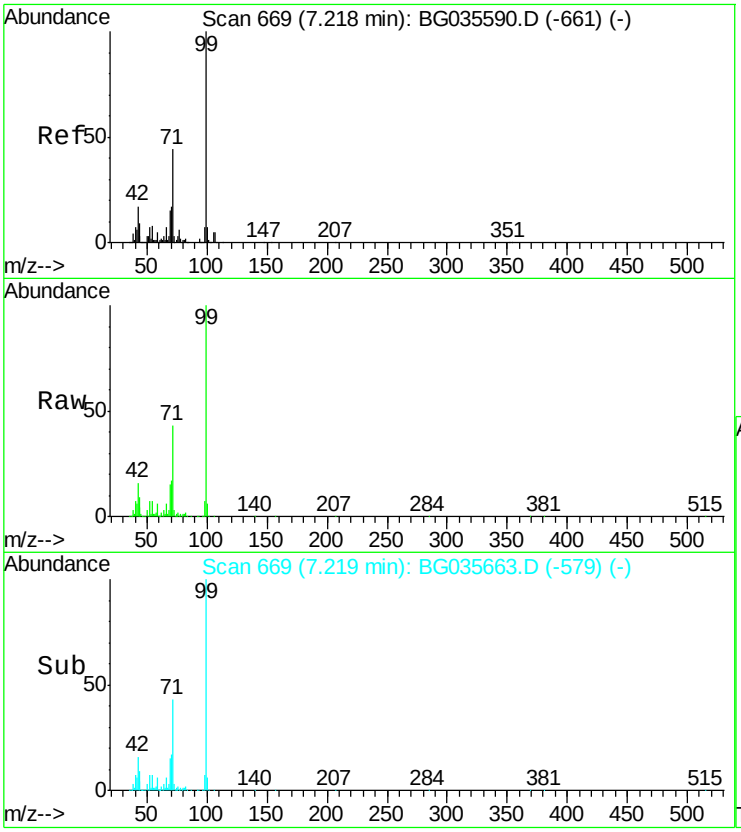


#5
2-Fluorophenol
Concen: 141.163 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Tgt Ion:112 Resp: 383824

Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.3	84.5
63	34.8	30.1	45.1



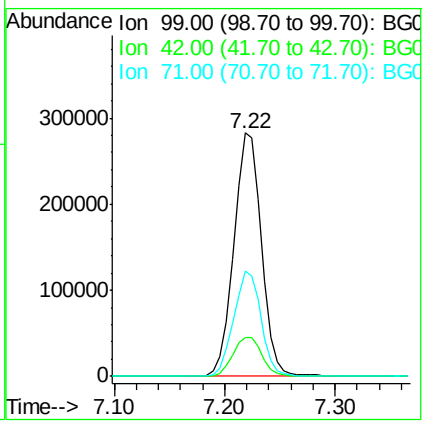


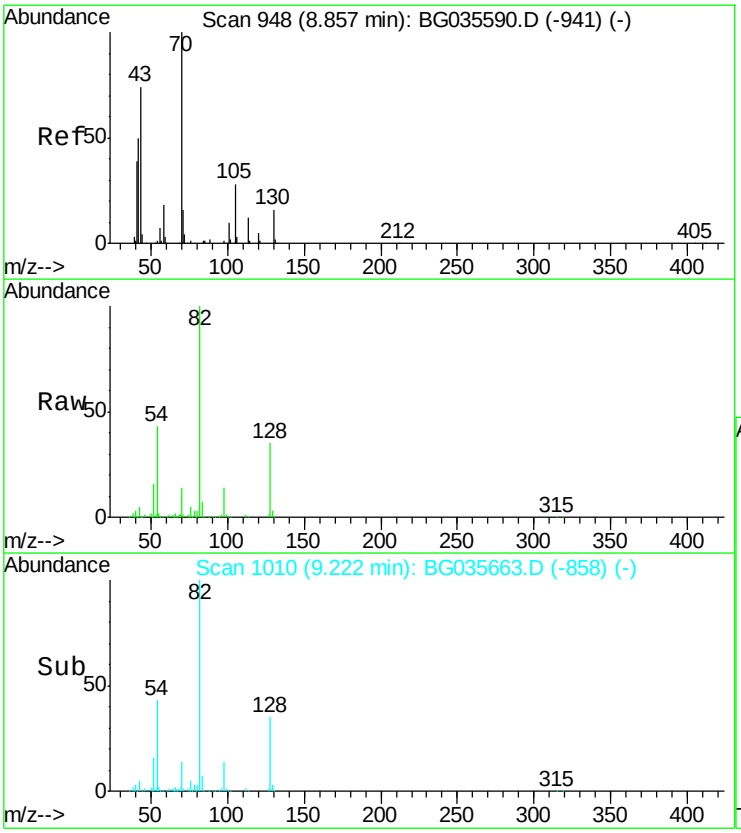
#7
Phenol-d6
Concen: 122.509 ng
RT: 7.22 min Scan# 669
Delta R.T. 0.00 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Instrument :
BNA_G
ClientSampleId :
PAR-8

Tgt Ion: 99 Resp: 496987

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	43.3	26.1	39.1#

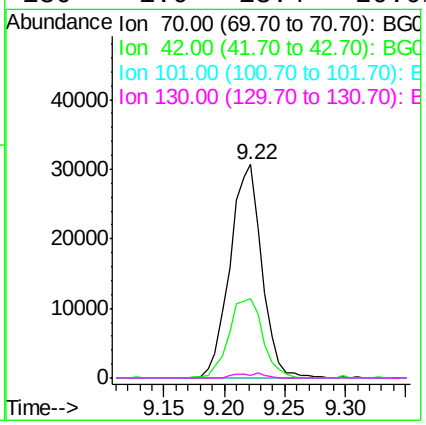


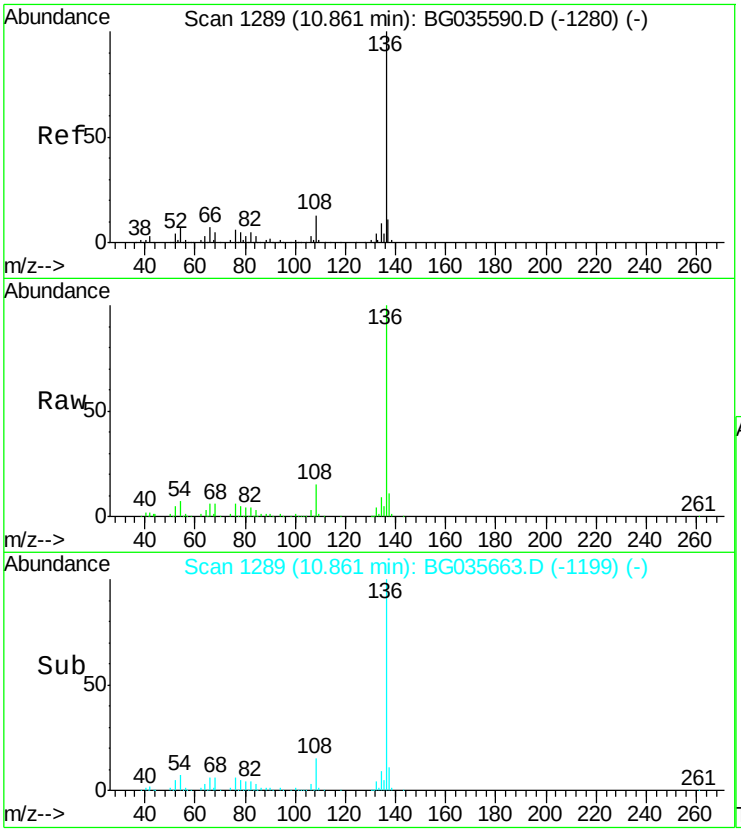


#19
n-Nitroso-di-n-propylamine
Concen: 16.495 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.36 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Tgt Ion: 70 Resp: 56349

Ion	Ratio	Lower	Upper
70	100		
42	37.3	49.1	73.7#
101	0.0	8.5	12.7#
130	1.0	13.4	20.0#



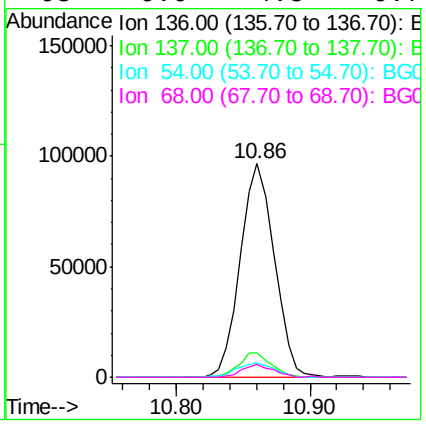


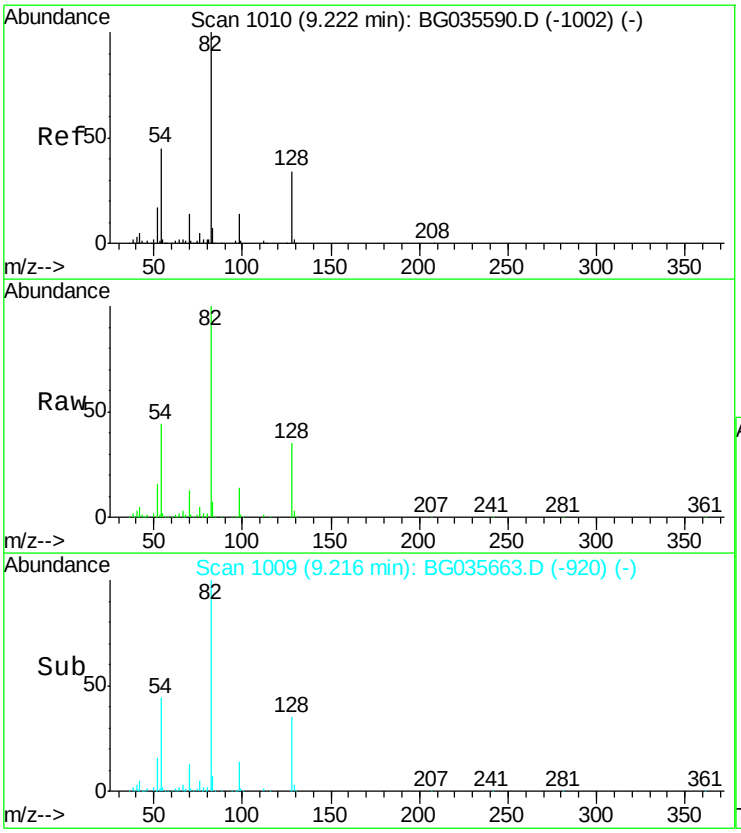
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Instrument :
BNA_G
ClientSampleId :
PAR-8

Tgt Ion:136 Resp: 170453

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.7	10.3	15.5#
68	6.0	4.5	6.7

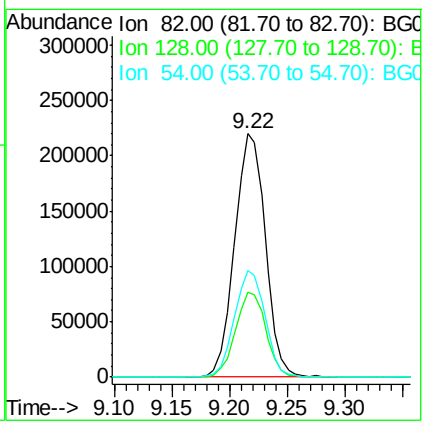


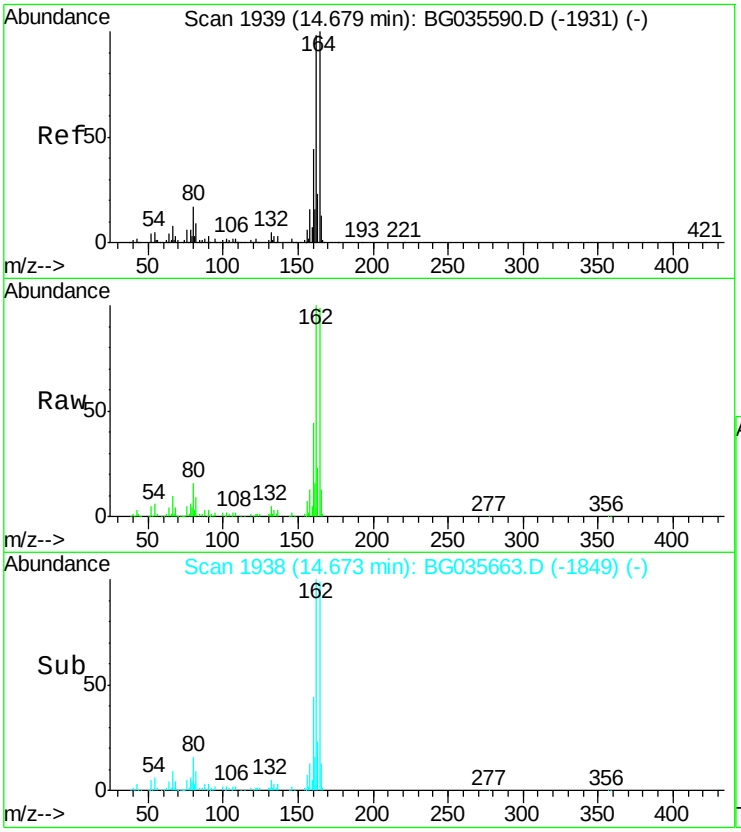


#23
Nitrobenzene-d5
Concen: 99.392 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Tgt Ion: 82 Resp: 405549

Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	43.6	43.1	64.7



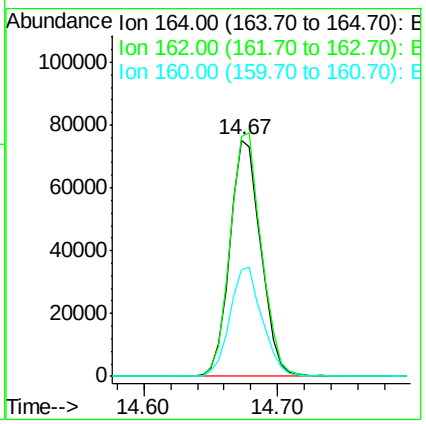


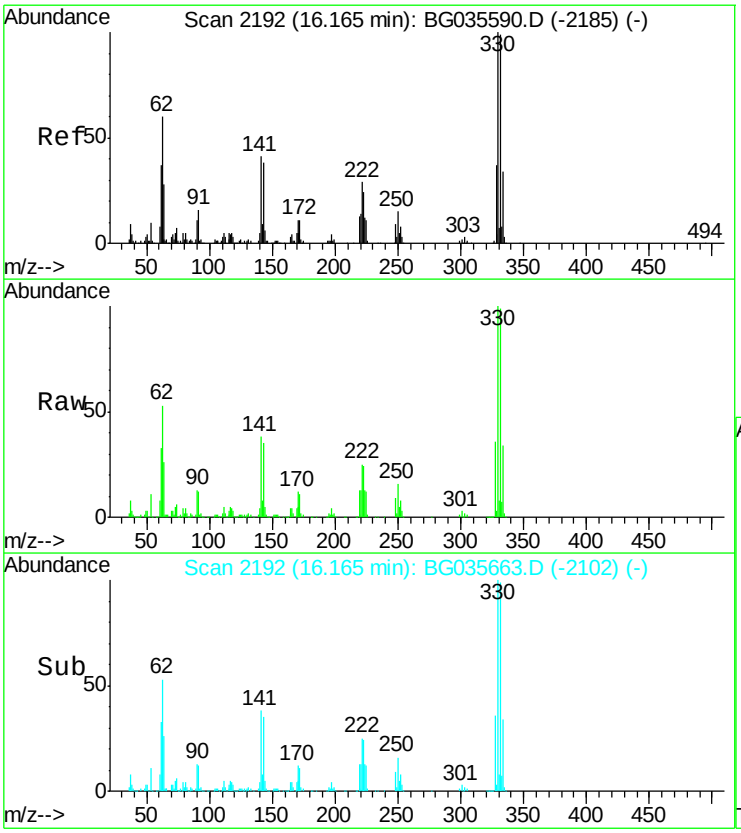
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Instrument :
BNA_G
ClientSampleId :
PAR-8

Tgt Ion:164 Resp: 121477

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	45.0	35.4	53.0

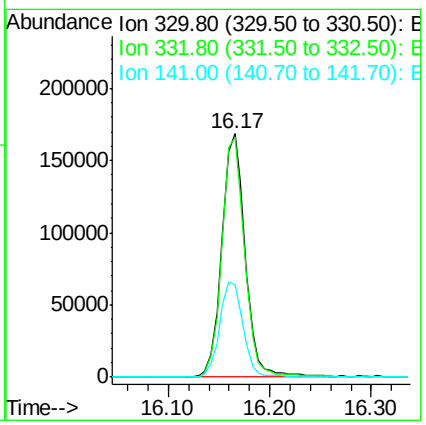


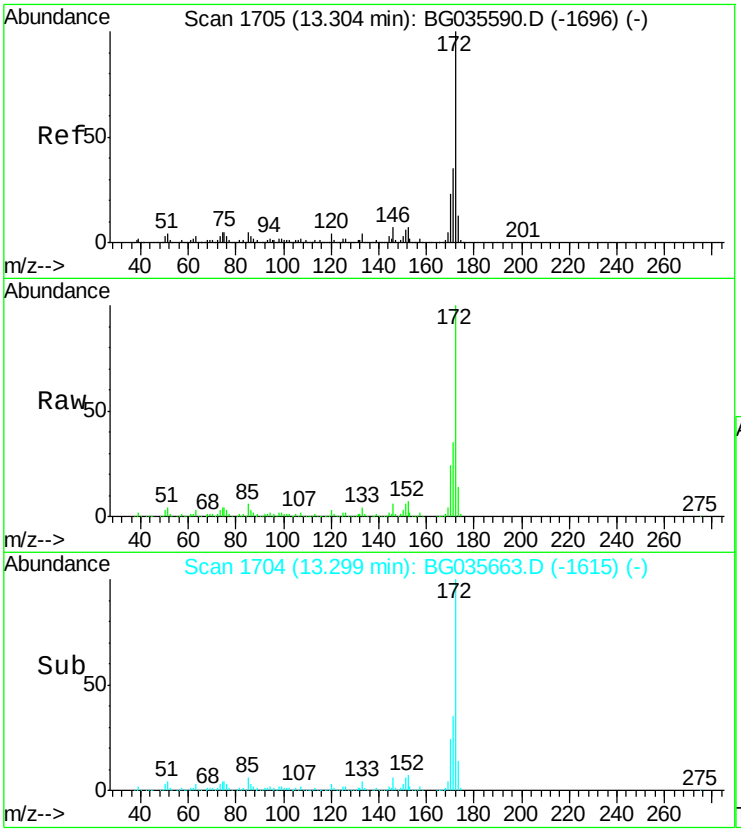


#41
2,4,6-Tribromophenol
Concen: 168.012 ng
RT: 16.17 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Tgt Ion:330 Resp: 269011

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	39.5	25.2	37.8#



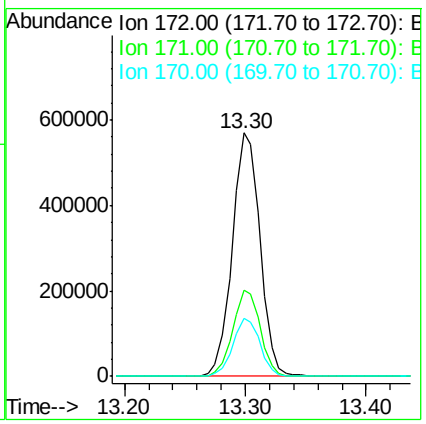


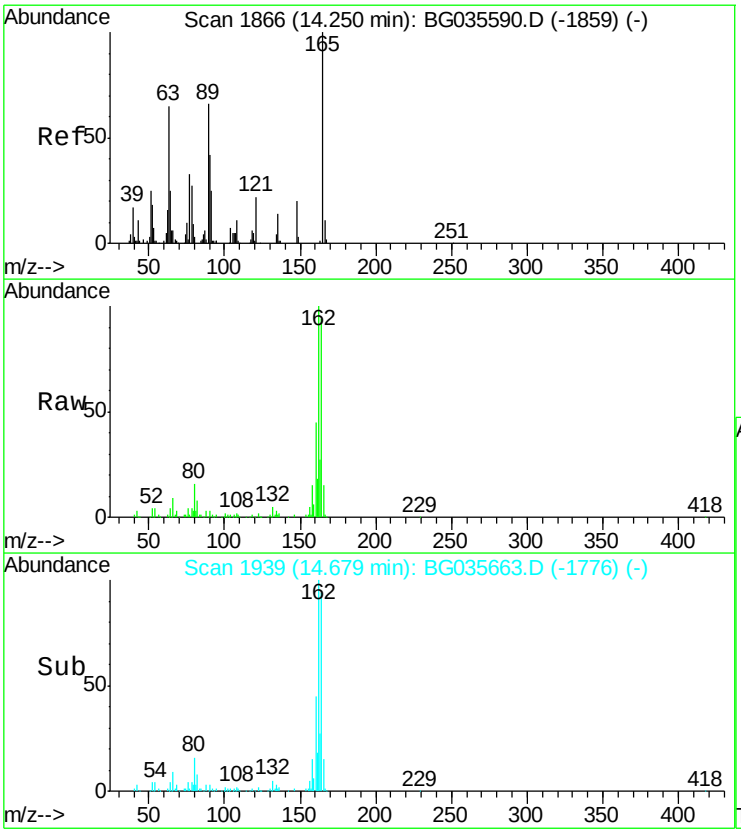
#44
2-Fluorobiphenyl
Concen: 100.465 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Instrument :
BNA_G
ClientSampleId :
PAR-8

Tgt Ion:172 Resp: 910940

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.6	19.5	29.3

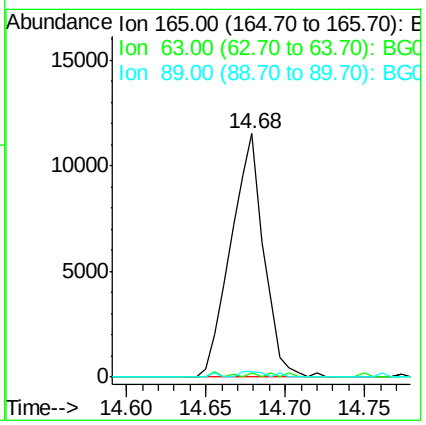


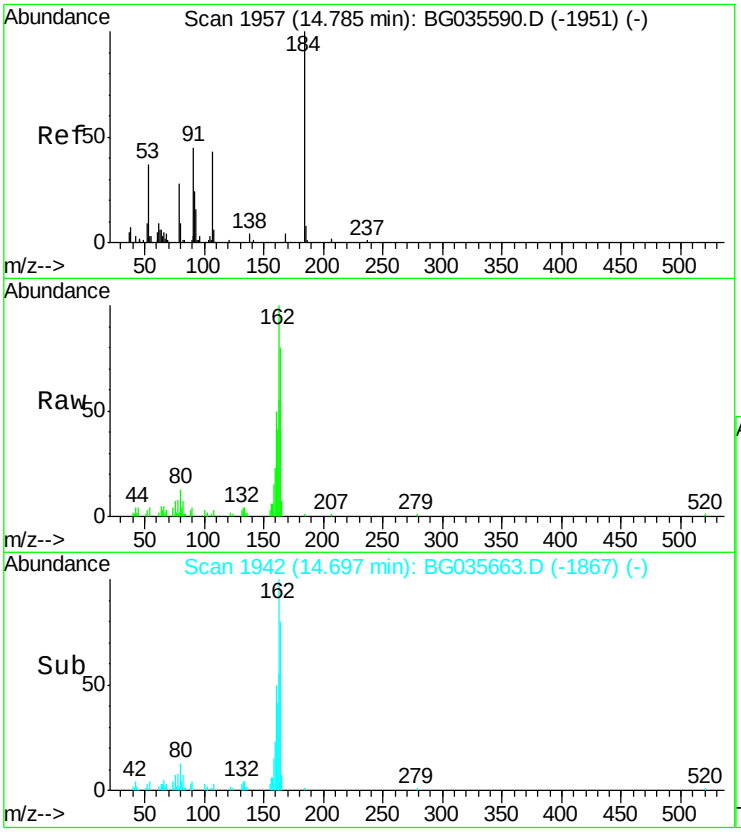


#50
2,6-Dinitrotoluene
Concen: 7.612 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.43 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Tgt Ion:165 Resp: 16497

Ion	Ratio	Lower	Upper
165	100		
63	2.0	52.7	79.1#
89	2.4	49.2	73.8#



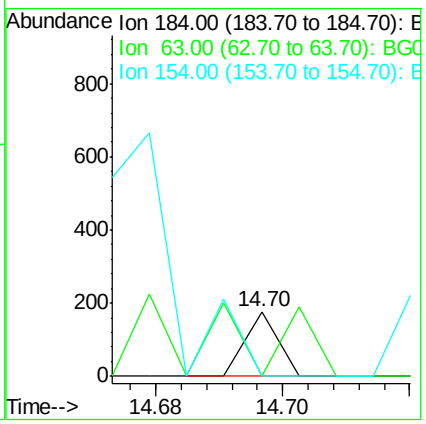


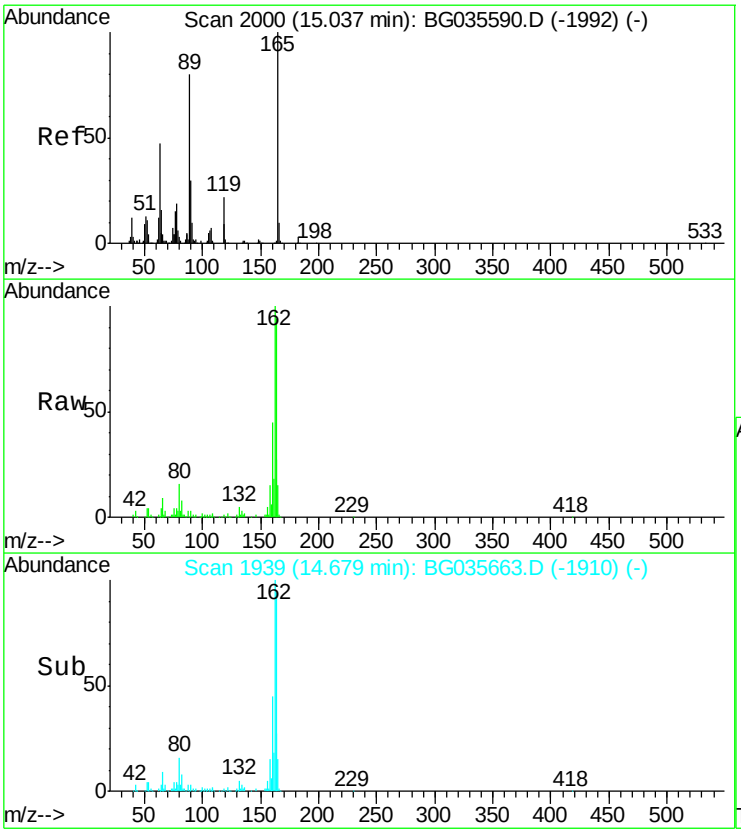
#53
2,4-Dinitrophenol
Concen: 6.633 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.09 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Instrument :
BNA_G
ClientSampleId :
PAR-8

Tgt Ion:184 Resp: 62

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

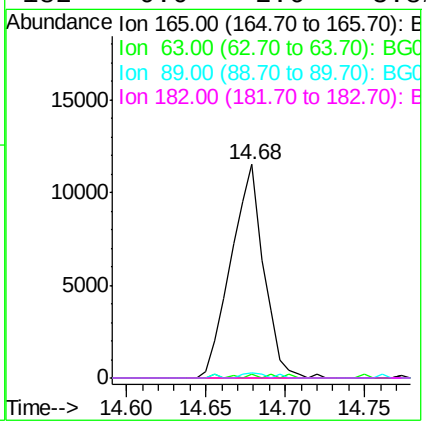


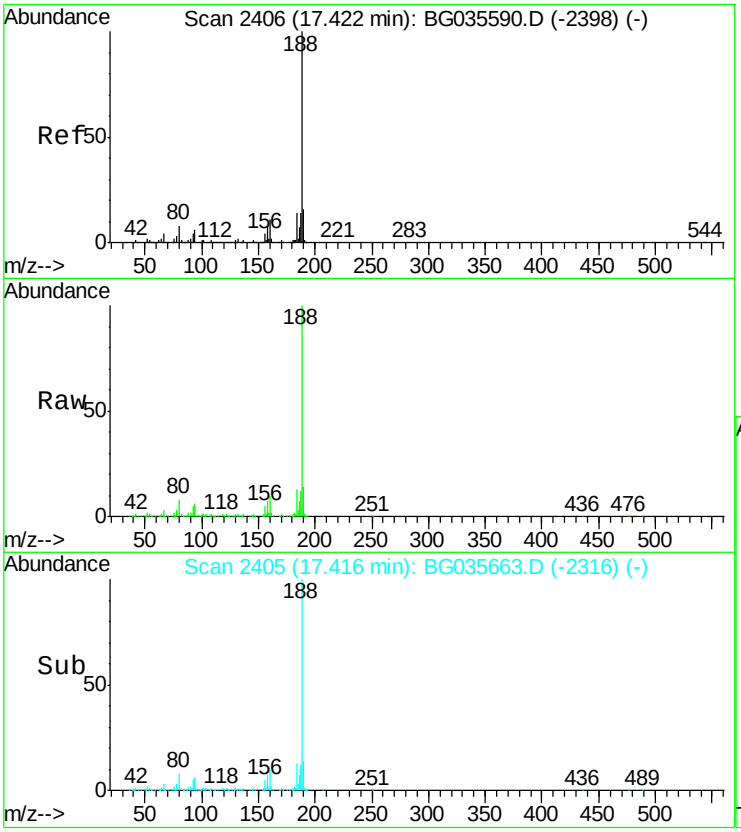


#56
2,4-Dinitrotoluene
Concen: 5.306 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Tgt Ion:165 Resp: 16497

Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	2.4	66.9	100.3#
182	0.0	2.6	3.8#



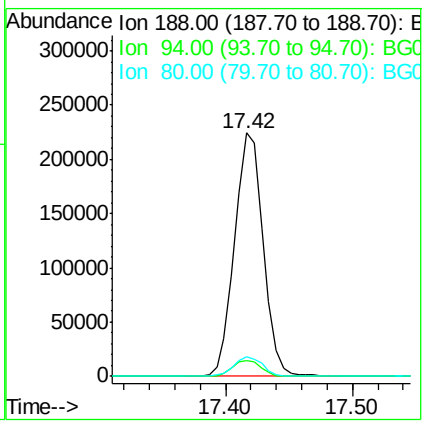


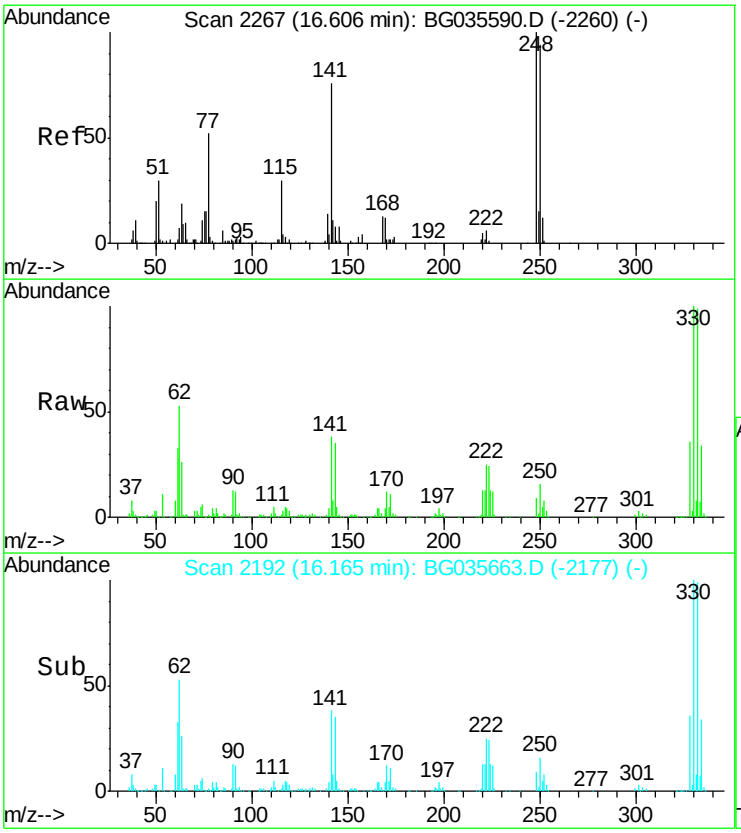
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Instrument :
BNA_G
ClientSampleId :
PAR-8

Tgt Ion:188 Resp: 349253

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	8.2	7.7	11.5

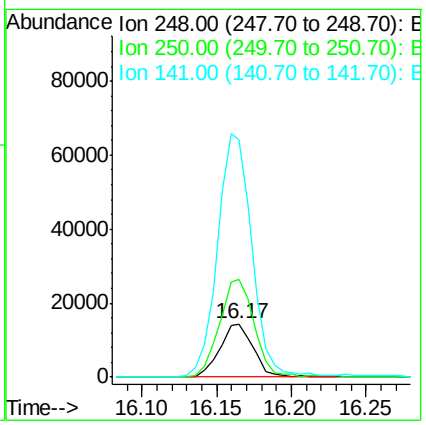


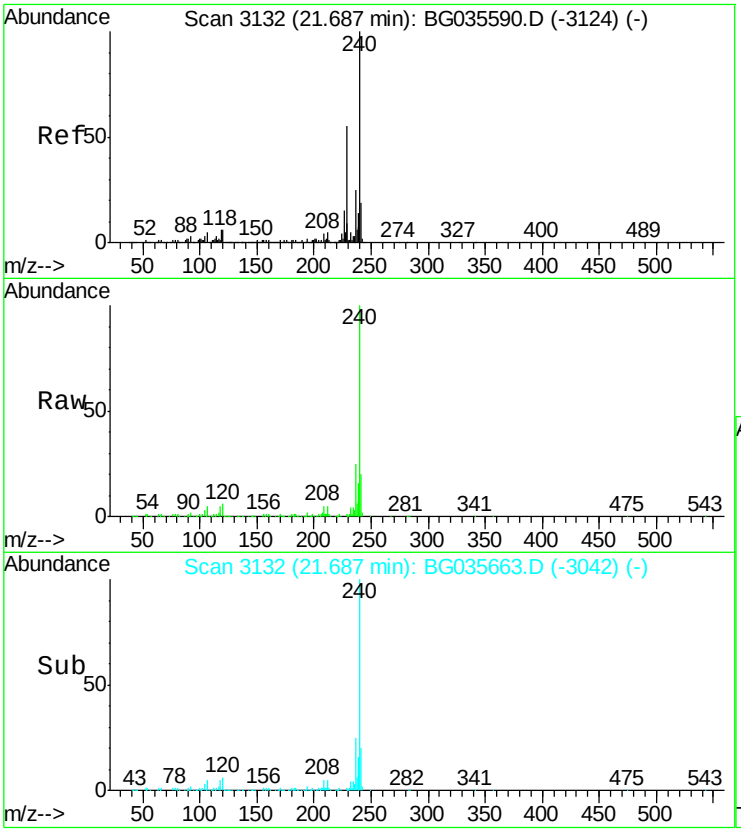


#66
4-Bromophenyl-phenylether
Concen: 5.502 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.44 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Tgt Ion:248 Resp: 22292

Ion	Ratio	Lower	Upper
248	100		
250	181.8	77.1	115.7#
141	443.9	50.8	76.2#



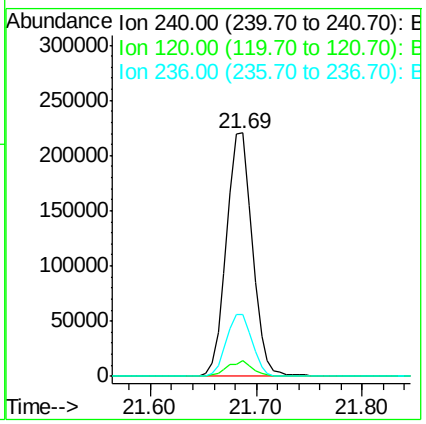


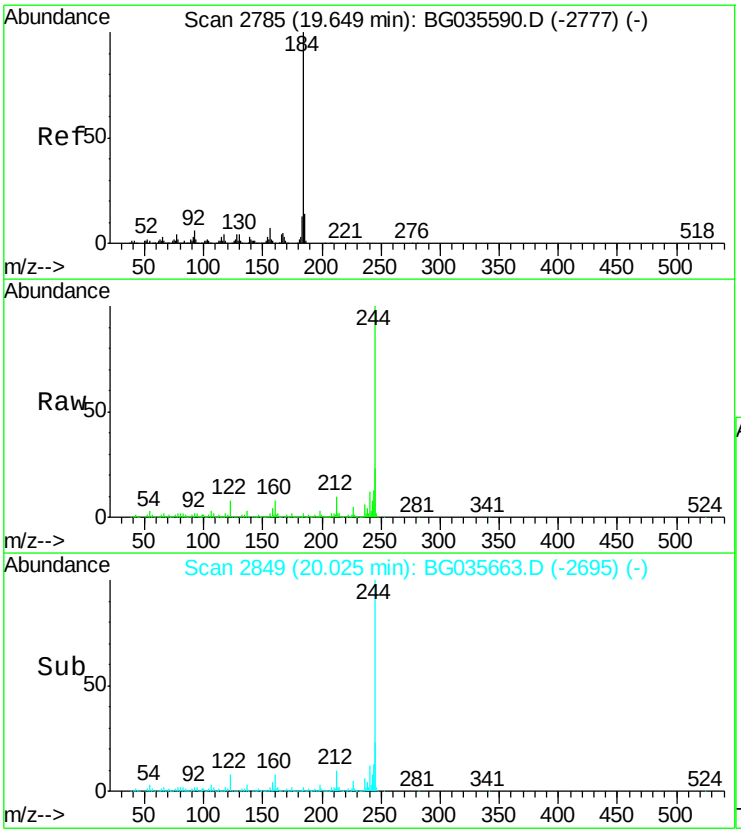
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Instrument :
BNA_G
ClientSampleId :
PAR-8

Tgt Ion:240 Resp: 374062

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	25.4	20.9	31.3

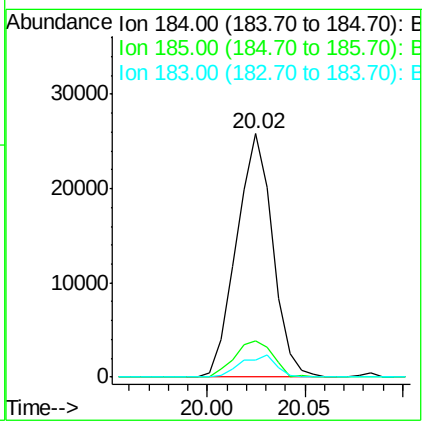


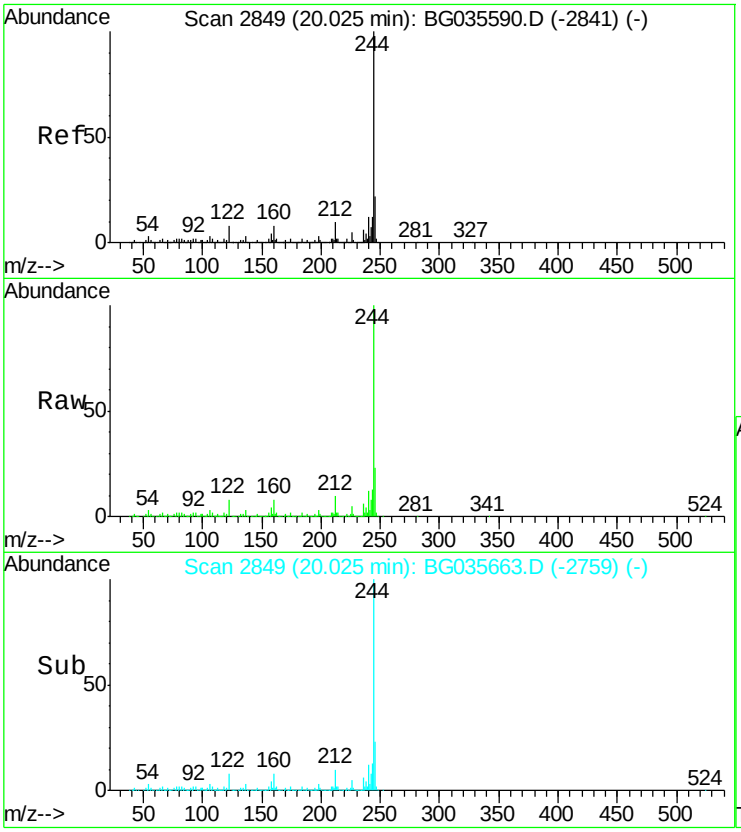


#76
Benzidine
Concen: 3.365 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Tgt Ion:184 Resp: 33089

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.1	16.7
183	7.1	10.6	16.0#



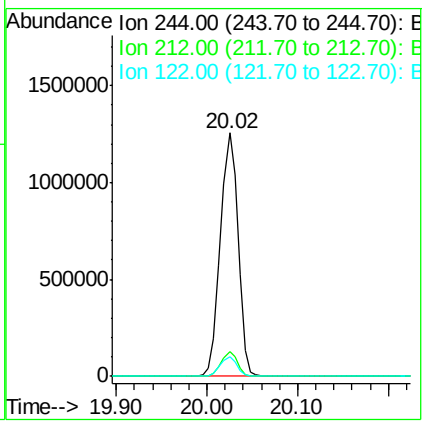


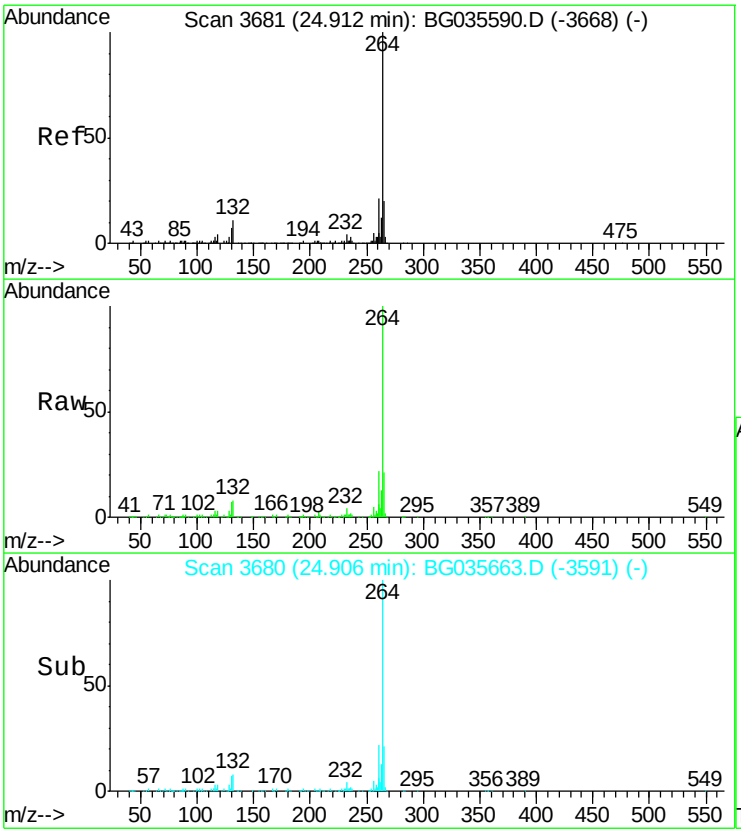
#78
Terphenyl-d14
Concen: 100.432 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Instrument :
BNA_G
ClientSampleId :
PAR-8

Tgt Ion:244 Resp: 1704296

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	8.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Tgt Ion:264 Resp: 343350

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	21.0	17.7	26.5