Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
Data File : BG035764.D
Acq On : 20 Jul 2018 00:40
Operator : JU/SJ
Sample : J4030-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB8-12-0

Quant Time: Jul 20 02:00:48 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	8.03	152	47860	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	160333	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	107798	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	306267	20.00	ng	0.00
75) Chrysene-d12	21.66	240	368272	20.00	ng	-0.02
86) Perylene-d12	24.86	264	343823	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	379341	131.59	ng	0.00
7) Phenol-d6	7.20	99	479536	111.49	ng	0.00
23) Nitrobenzene-d5	9.19	82	375909	97.94	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	237585	167.21	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	850691	105.73	ng	-0.01
78) Terphenyl-d14	20.01	244	1705764	102.10	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	52347	14.453	ng	# 71
50) 2,6-Dinitrotoluene	14.65	165	15084	7.843	ng	# 21
53) 2,4-Dinitrophenol	15.13	184	54	6.632	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	15084	5.467	ng	# 19
66) 4-Bromophenyl-phenylether	16.14	248	19383	5.455	ng	# 1
76) Benzidine	20.01	184	29637	3.061	ng	# 88

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

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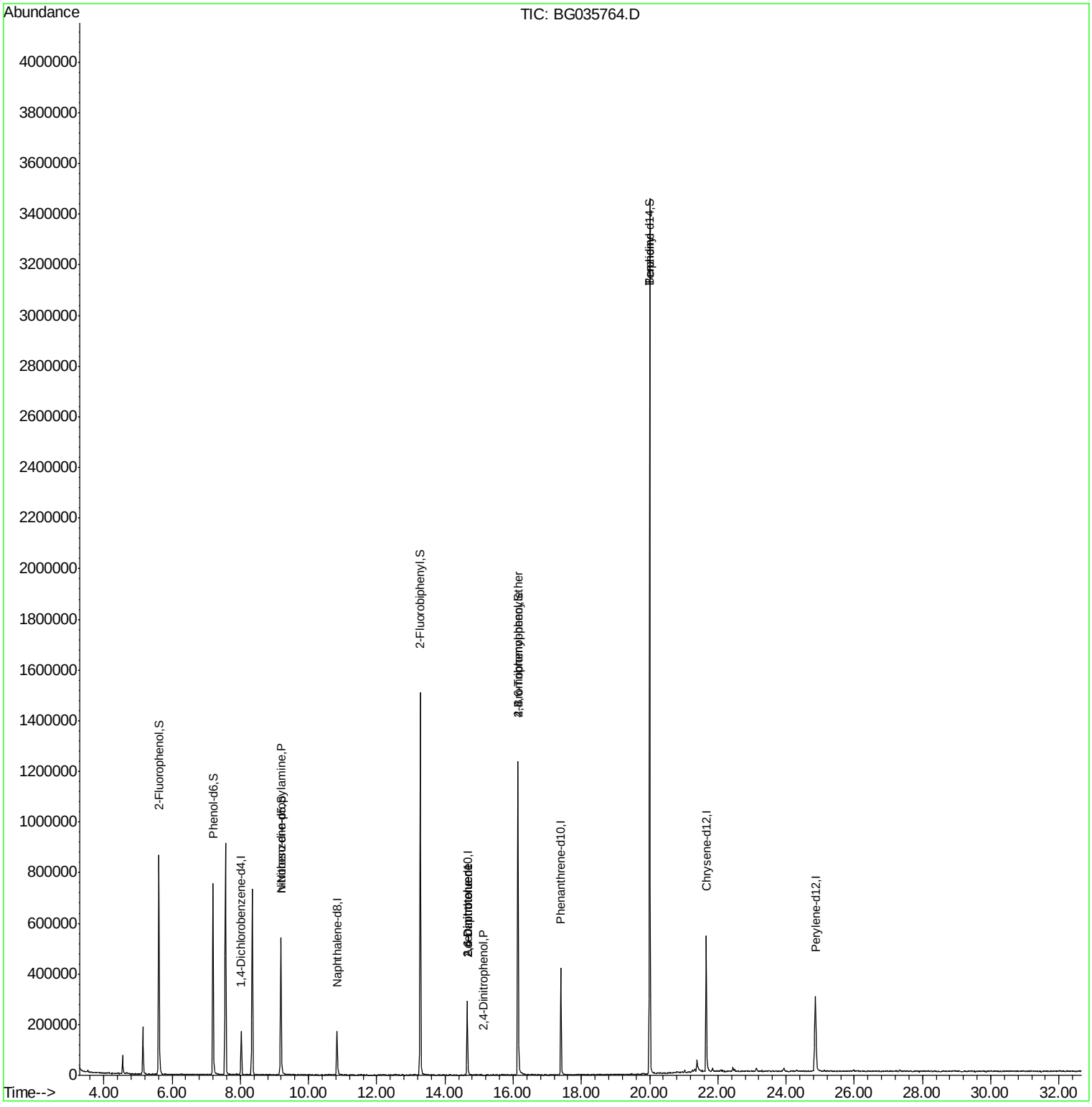
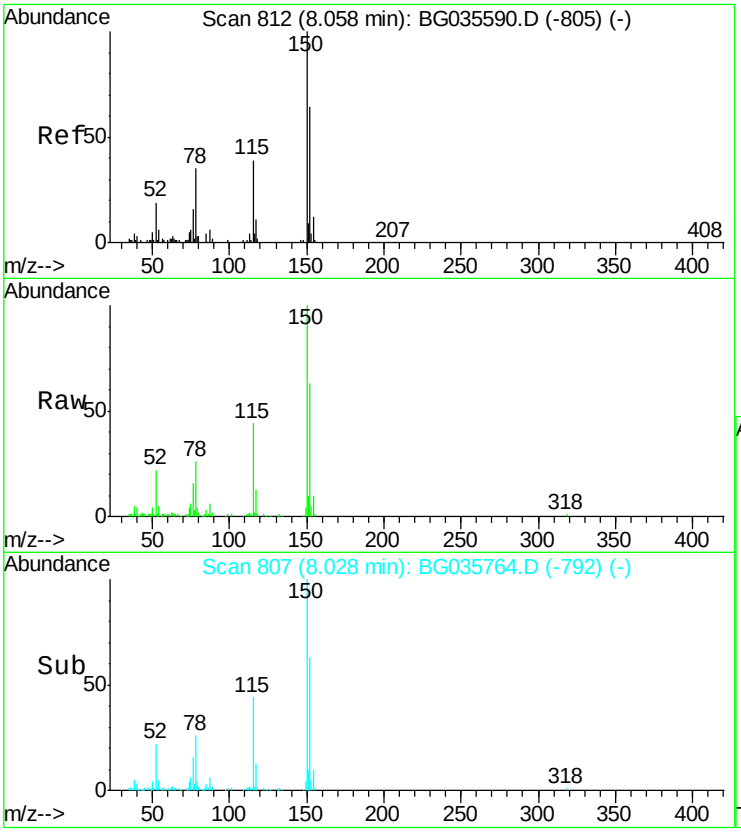


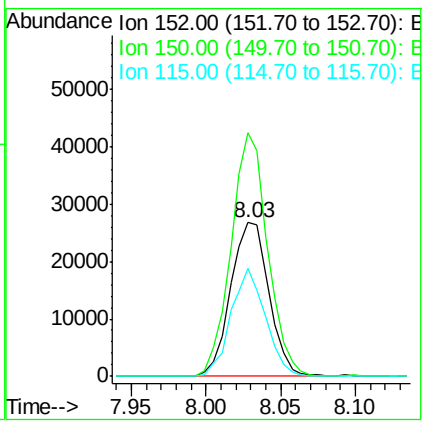


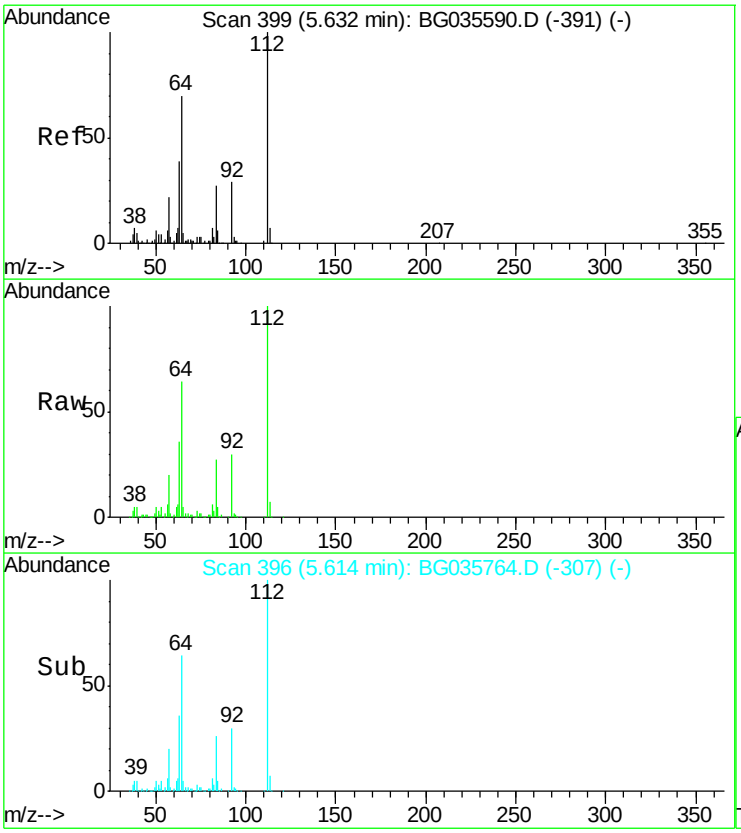
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Instrument :
BNA_G
ClientSampleId :
SB8-12-0

Tgt Ion:152 Resp: 47860

Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	70.0	53.0	79.4

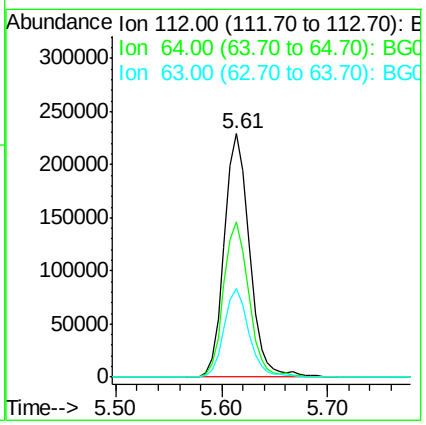


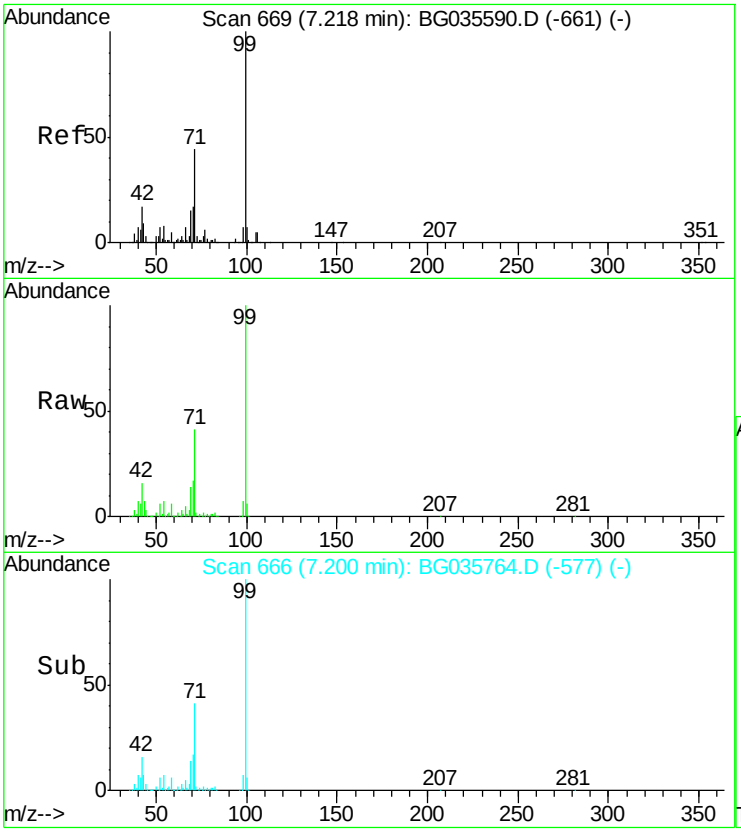


#5
2-Fluorophenol
Concen: 131.591 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Tgt Ion:112 Resp: 379341

Ion	Ratio	Lower	Upper
112	100		
64	63.7	56.3	84.5
63	36.4	30.1	45.1



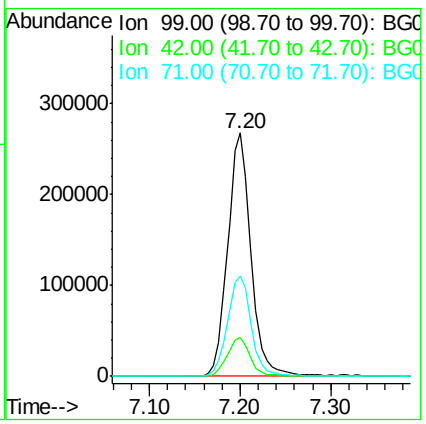


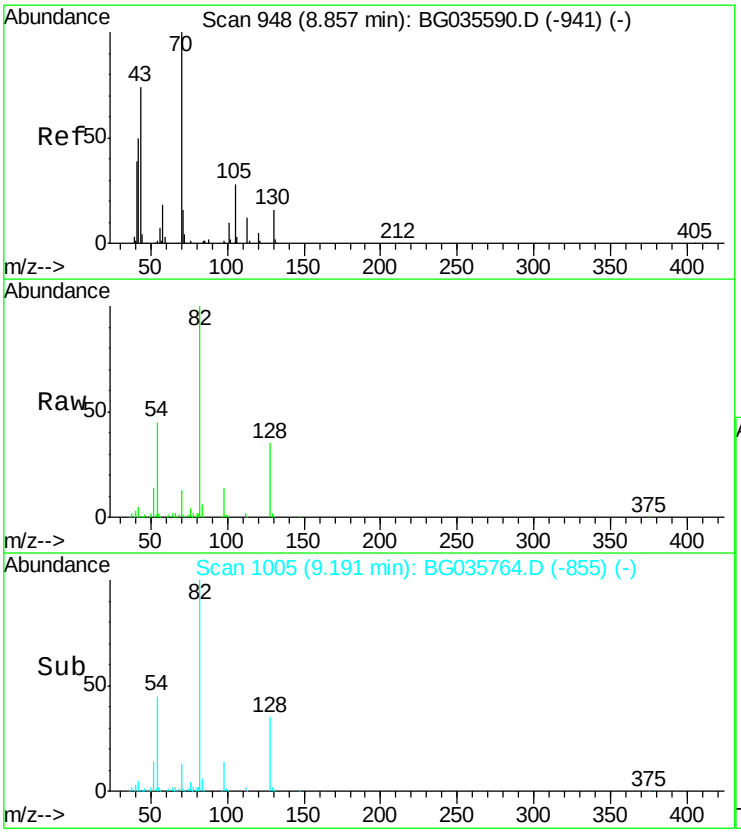
#7
Phenol-d6
Concen: 111.494 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Instrument :
BNA_G
ClientSampleId :
SB8-12-0

Tgt Ion: 99 Resp: 479536

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.1	21.1
71	41.2	26.1	39.1#

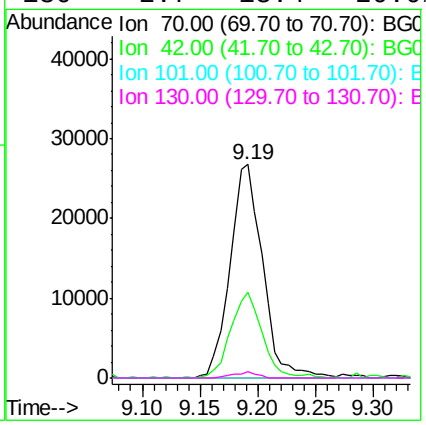


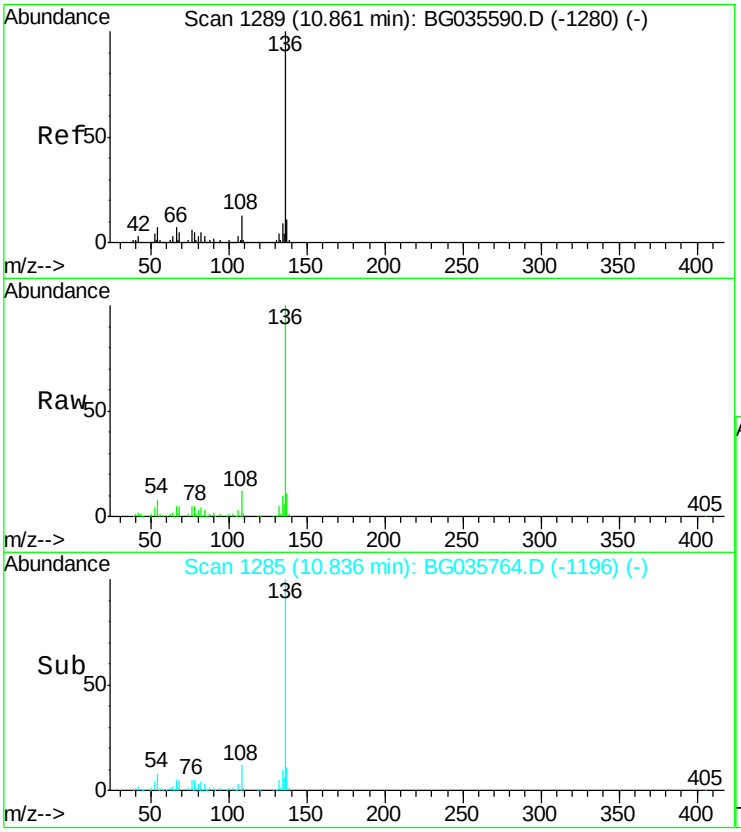


#19
n-Nitroso-di-n-propylamine
Concen: 14.453 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.35 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Tgt Ion: 70 Resp: 52347

Ion	Ratio	Lower	Upper
70	100		
42	40.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.7	13.4	20.0#



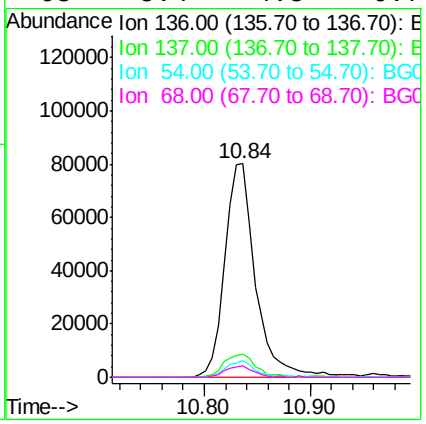


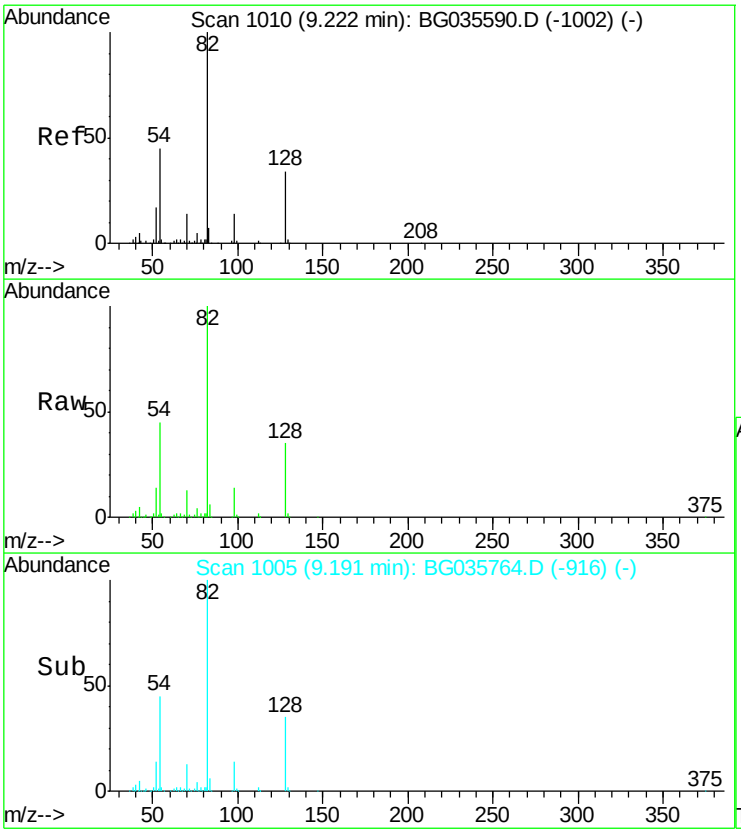
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Instrument :
BNA_G
ClientSampleId :
SB8-12-0

Tgt Ion:136 Resp: 160333

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.6	10.3	15.5#
68	5.4	4.5	6.7

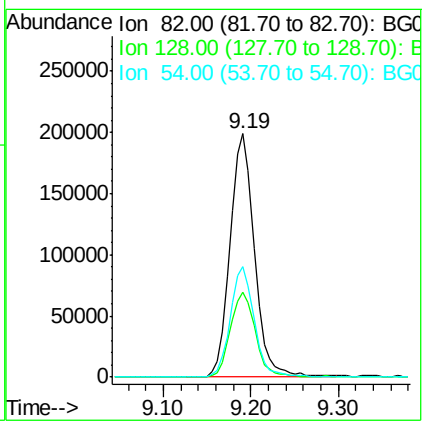


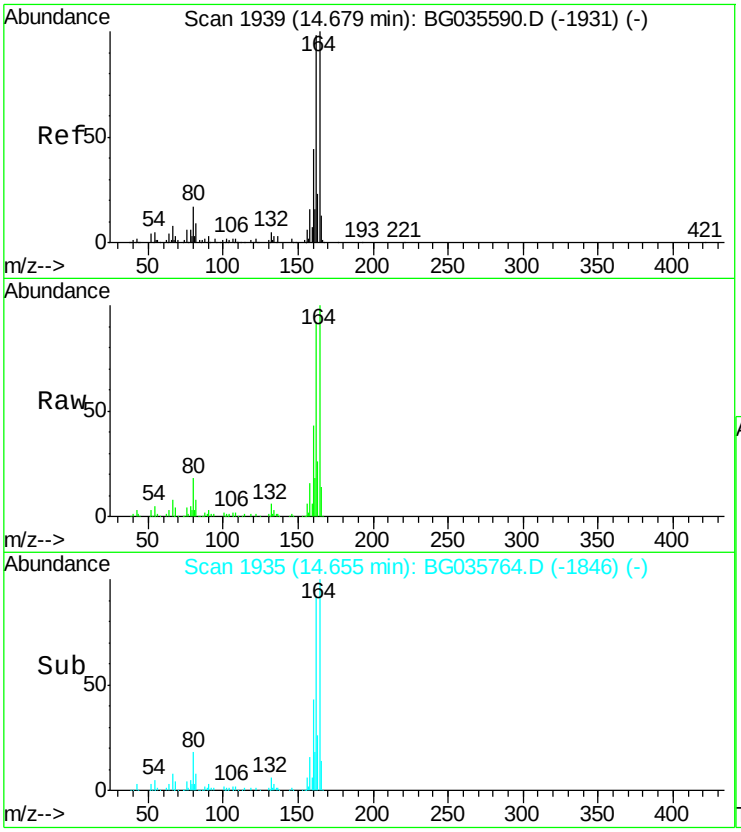


#23
Nitrobenzene-d5
Concen: 97.943 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Tgt Ion: 82 Resp: 375909

Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	45.2	43.1	64.7



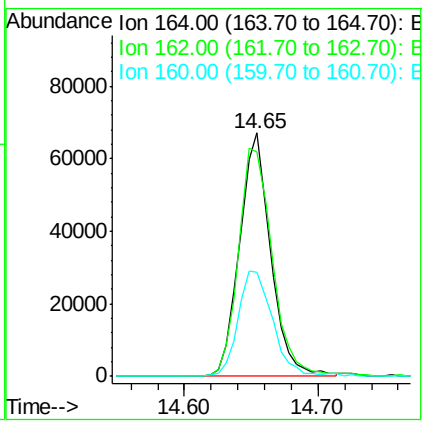


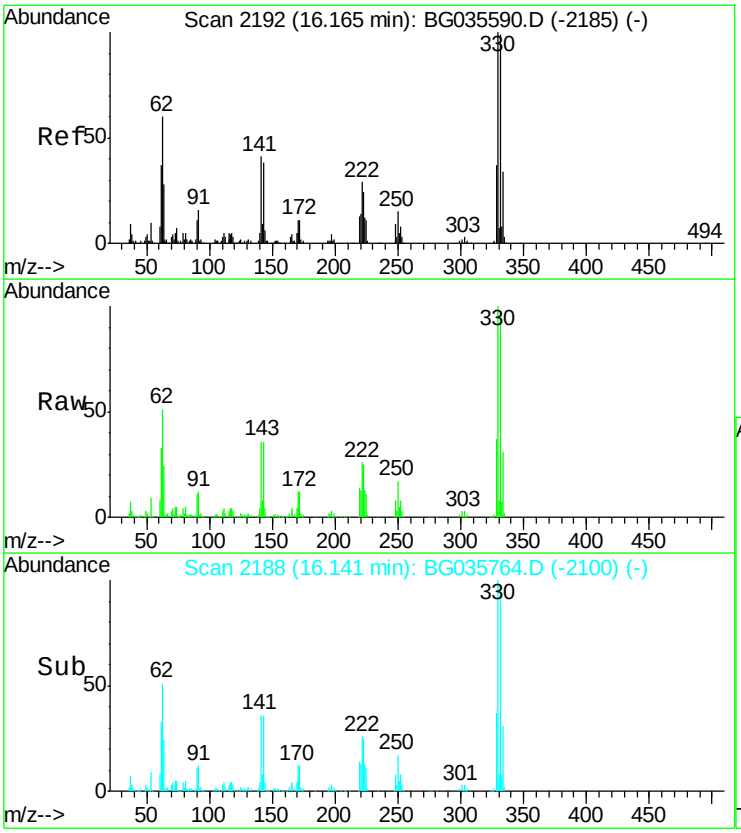
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Instrument :
BNA_G
ClientSampleId :
SB8-12-0

Tgt Ion:164 Resp: 107798

Ion	Ratio	Lower	Upper
164	100		
162	92.4	78.8	118.2
160	42.9	35.4	53.0

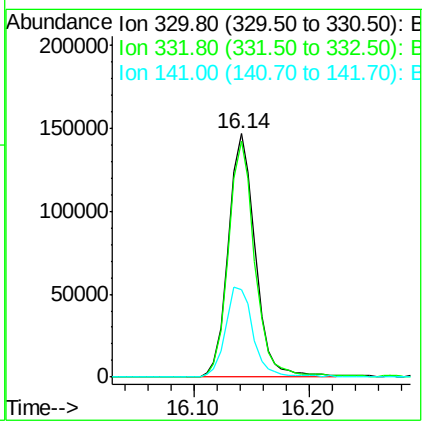


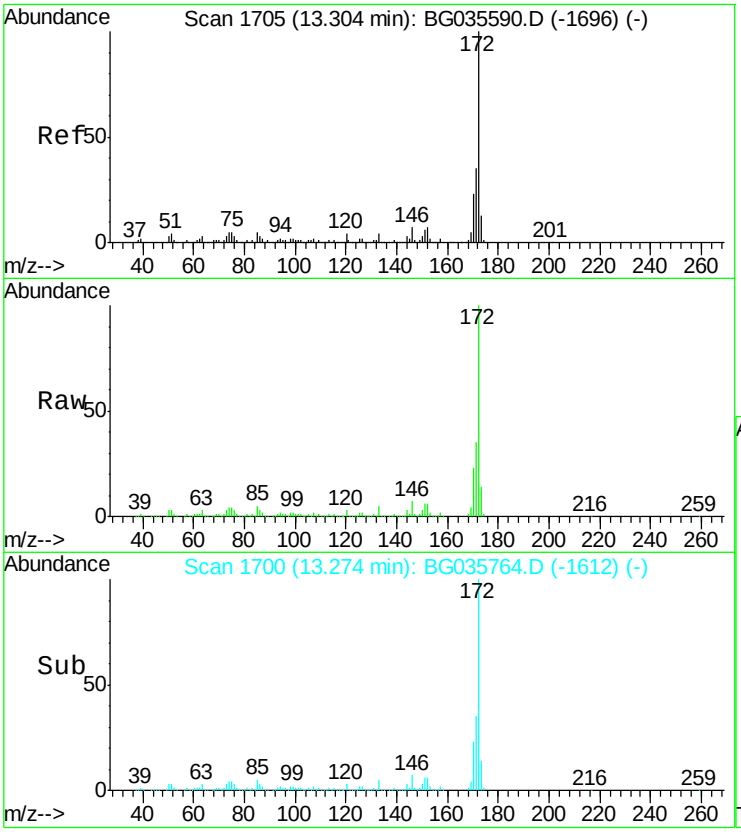


#41
2,4,6-Tribromophenol
Concen: 167.214 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Tgt Ion:330 Resp: 237585

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	38.3	25.2	37.8#



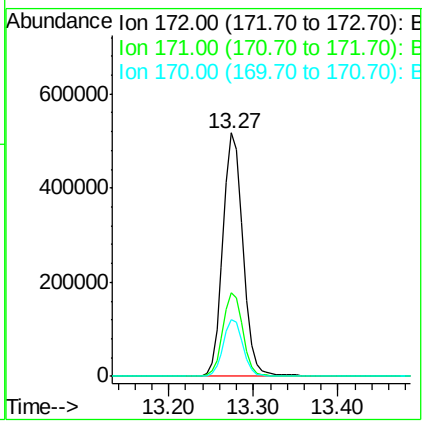


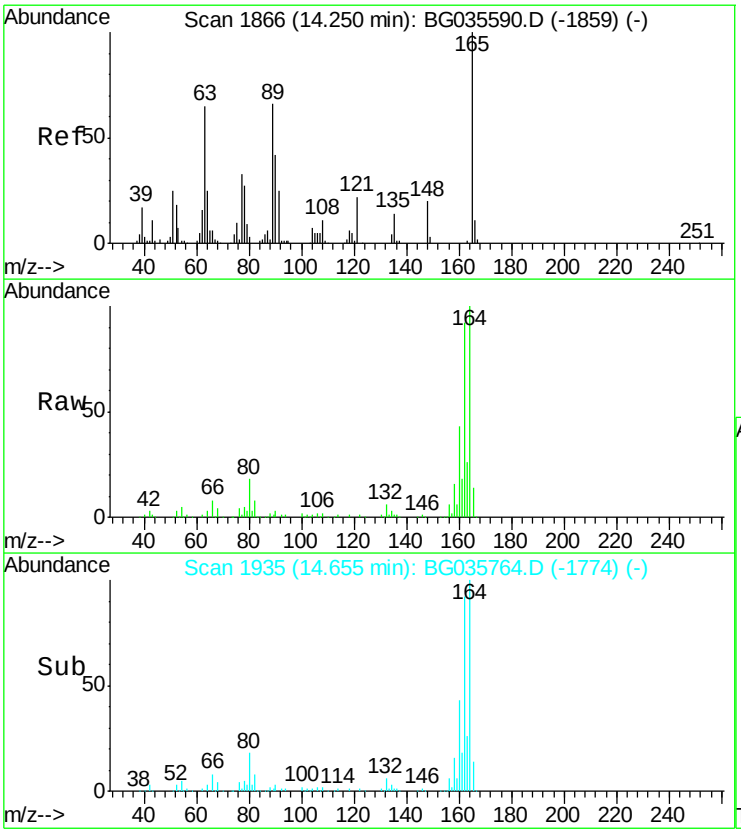
#44
2-Fluorobiphenyl
Concen: 105.726 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Instrument :
BNA_G
ClientSampleId :
SB8-12-0

Tgt Ion:172 Resp: 850691

Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.5	19.5	29.3

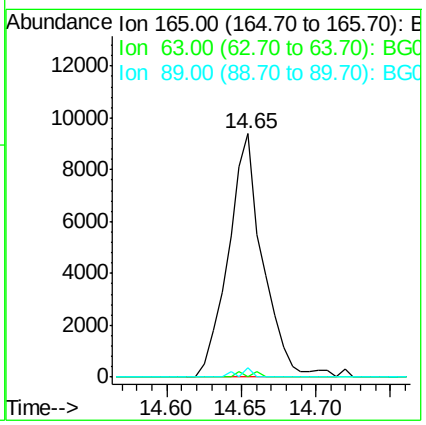


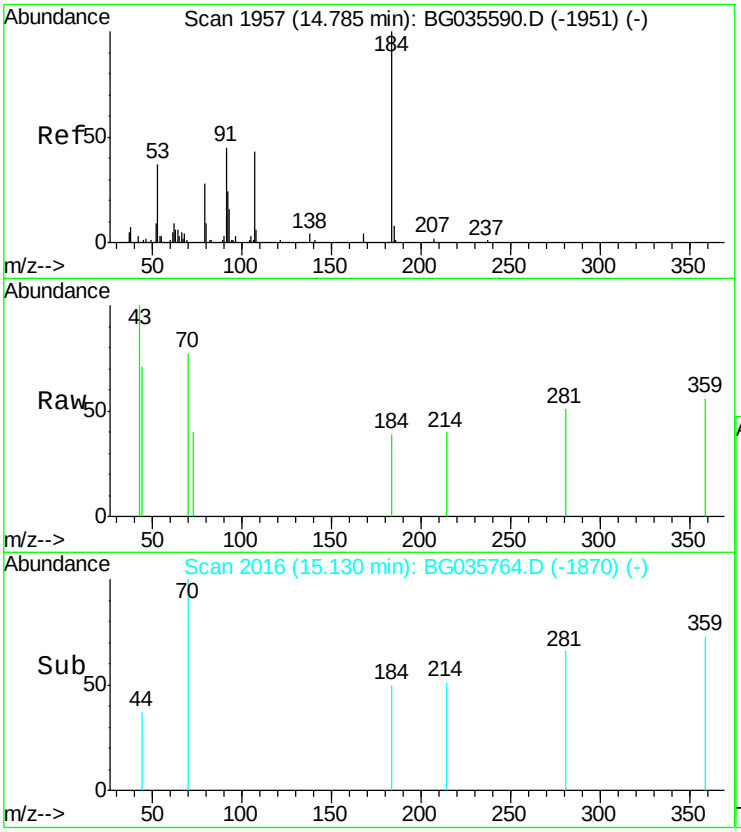


#50
2,6-Dinitrotoluene
Concen: 7.843 ng
RT: 14.65 min Scan# 1935
Delta R.T. 0.42 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Tgt Ion:165 Resp: 15084

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	4.0	49.2	73.8#



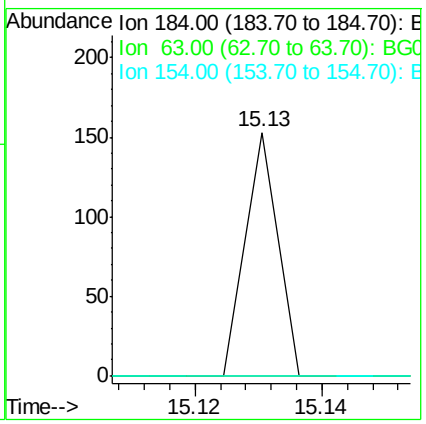


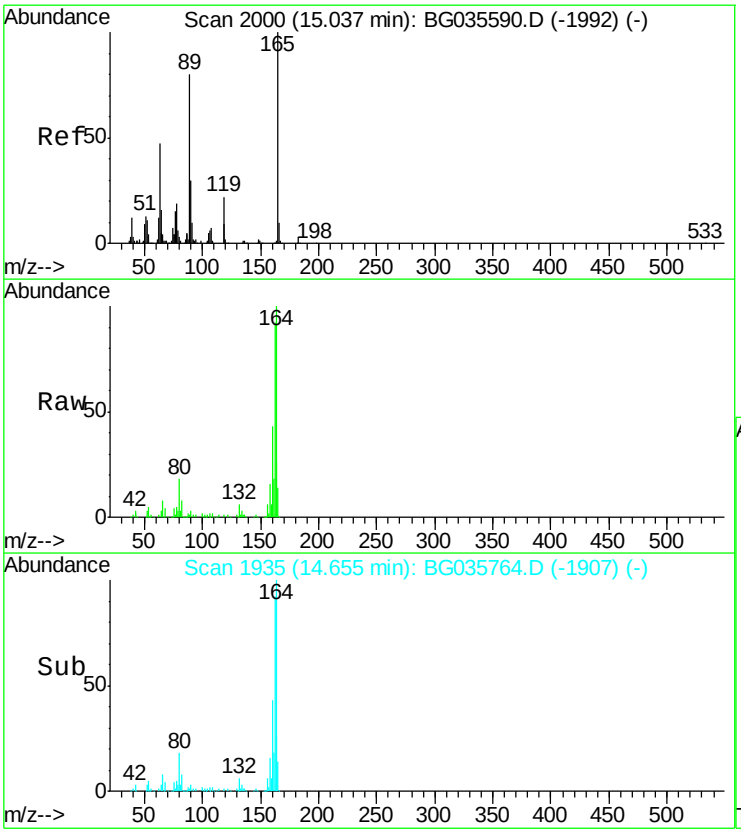
#53
2,4-Dinitrophenol
Concen: 6.632 ng
RT: 15.13 min Scan# 2016
Delta R.T. 0.33 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Instrument :
BNA_G
ClientSampleId :
SB8-12-0

Tgt Ion:184 Resp: 54

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

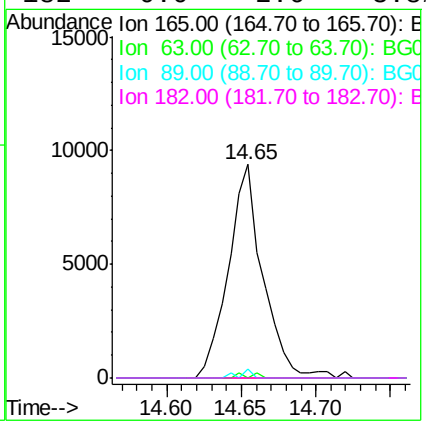


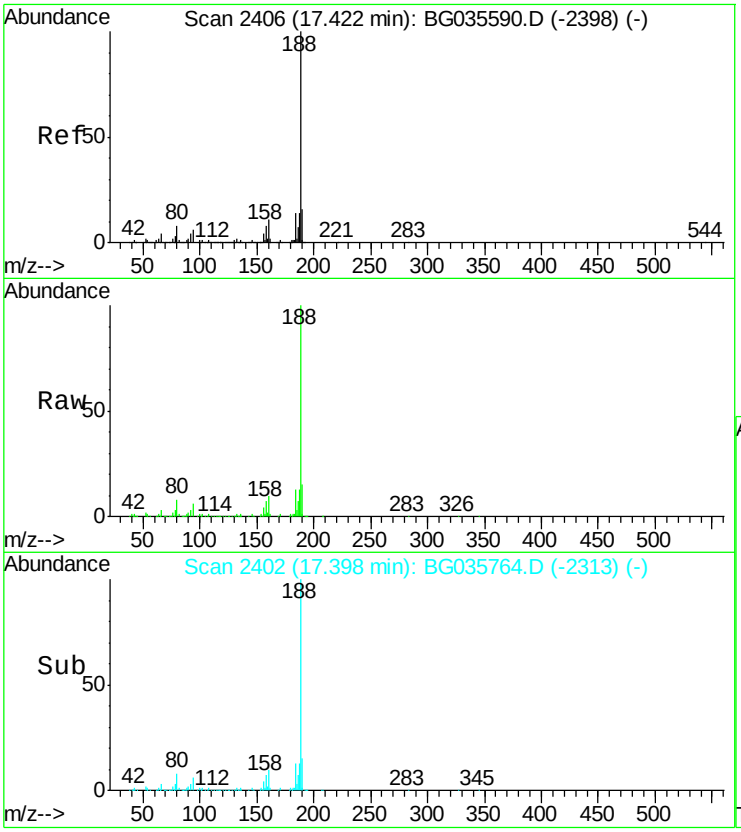


#56
2,4-Dinitrotoluene
Concen: 5.467 ng
RT: 14.65 min Scan# 1935
Delta R.T. -0.36 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Tgt Ion:165 Resp: 15084

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	4.0	66.9	100.3#
182	0.0	2.6	3.8#



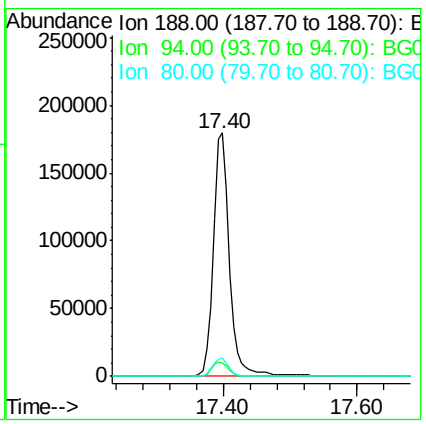


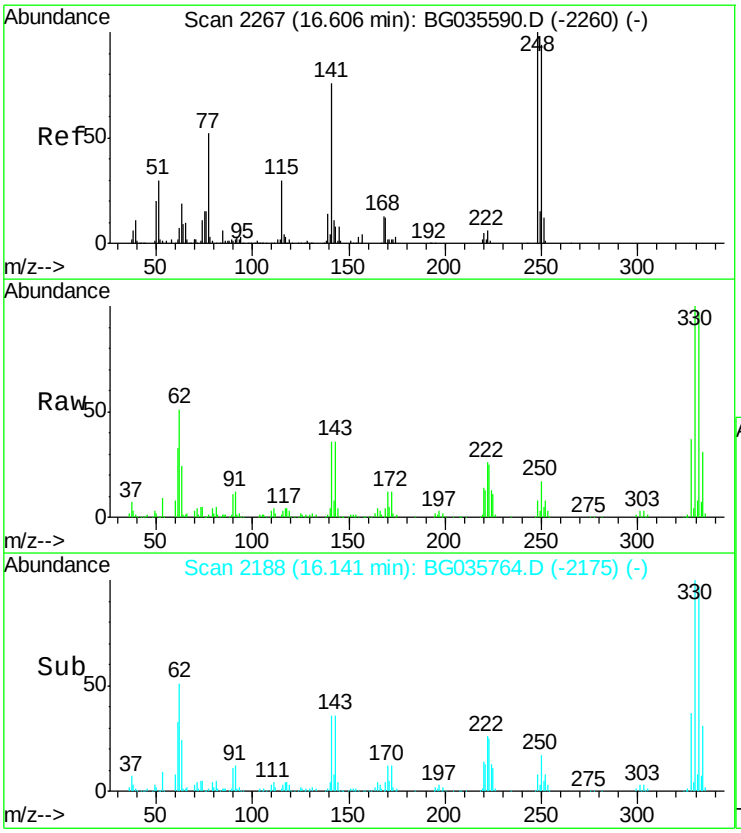
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Instrument :
BNA_G
ClientSampleId :
SB8-12-0

Tgt Ion:188 Resp: 306267

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	7.7	7.7	11.5

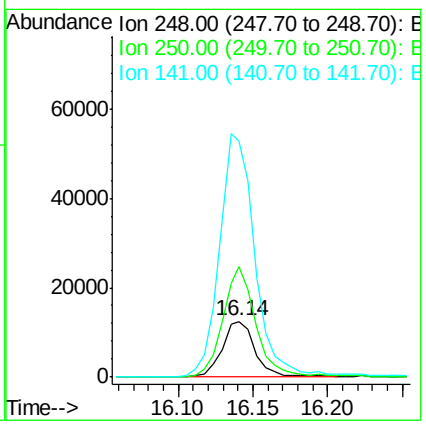


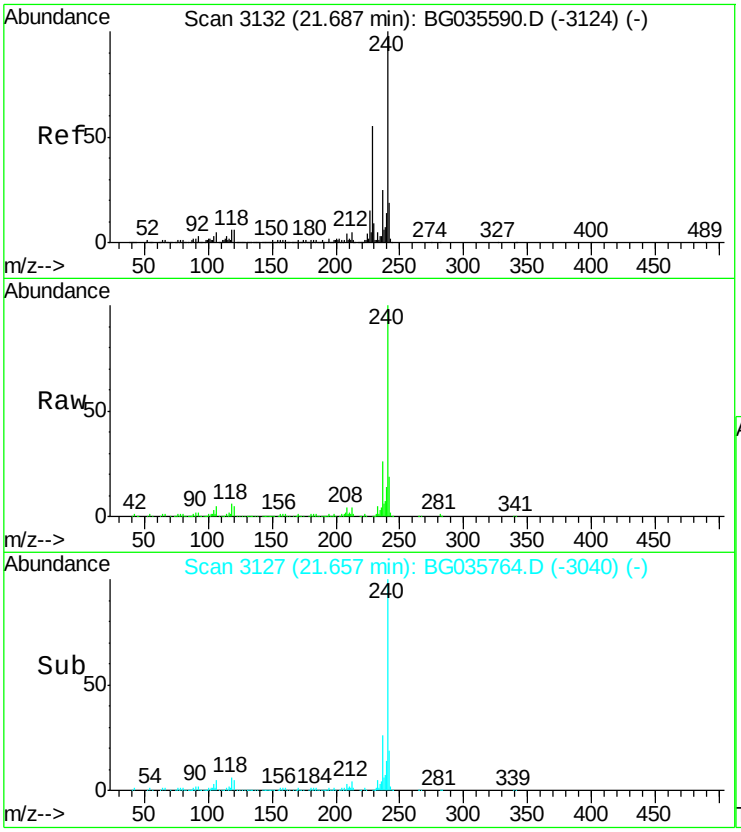


#66
4-Bromophenyl-phenylether
Concen: 5.455 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.45 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Tgt Ion:248 Resp: 19383

Ion	Ratio	Lower	Upper
248	100		
250	198.1	77.1	115.7#
141	424.1	50.8	76.2#



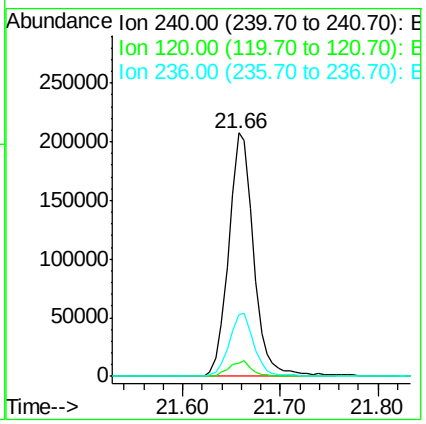


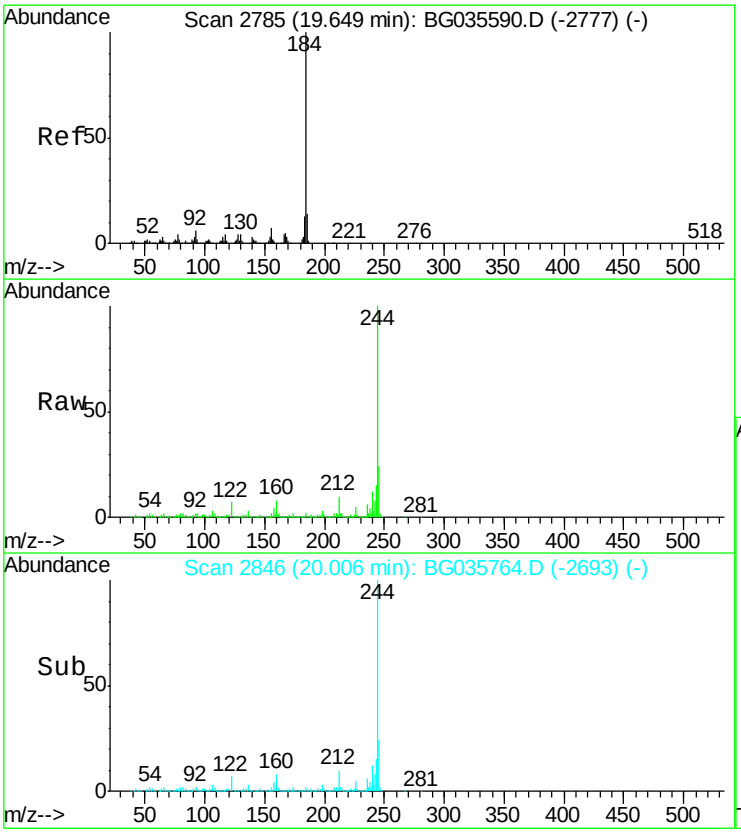
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Instrument :
BNA_G
ClientSampleId :
SB8-12-0

Tgt Ion:240 Resp: 368272

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	25.7	20.9	31.3

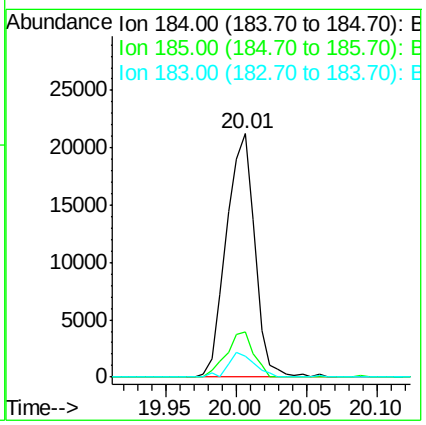


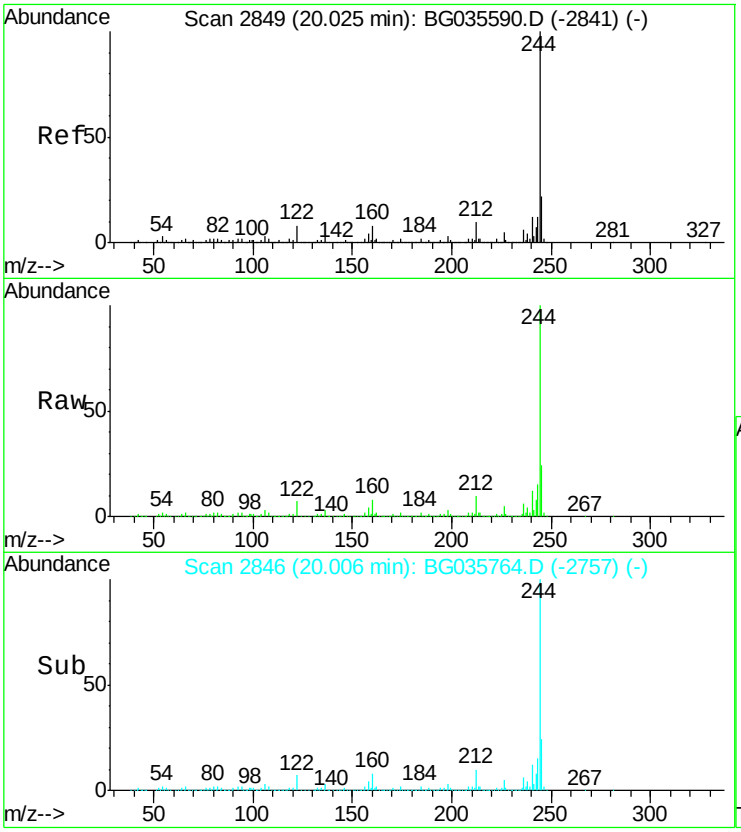


#76
Benzidine
Concen: 3.061 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.37 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Tgt Ion:184 Resp: 29637

Ion	Ratio	Lower	Upper
184	100		
185	18.7	11.1	16.7#
183	8.6	10.6	16.0#



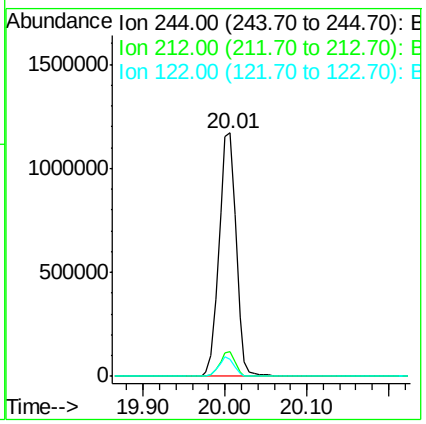


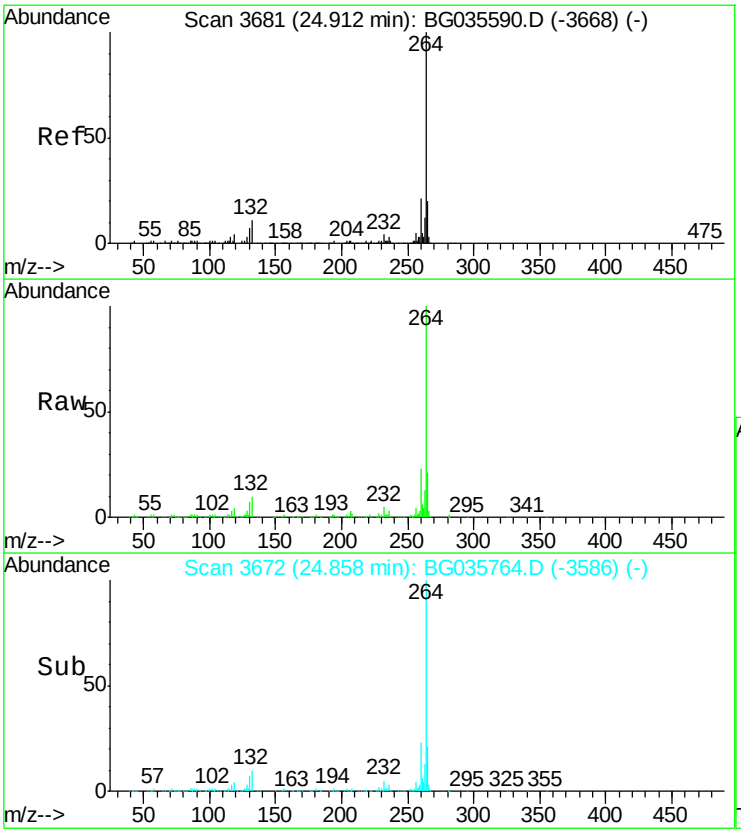
#78
Terphenyl-d14
Concen: 102.099 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Instrument :
BNA_G
ClientSampleId :
SB8-12-0

Tgt Ion:244 Resp: 1705764

Ion	Ratio	Lower	Upper
244	100		
212	10.0	5.8	8.8#
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Tgt Ion:264 Resp: 343823

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.7	17.7	26.5