Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
Data File : BG040060.D
Acq On : 21 Mar 2019 8:26
Operator : JU/SJ
Sample : K1688-26
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 21 09:32:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41054	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	173886	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	122006	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	301119	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	300395	20.00	ng	-0.03
87) Perylene-d12	25.16	264	296968	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	339595	141.12	ng	-0.02
7) Phenol-d6	7.29	99	441910	123.16	ng	-0.02
23) Nitrobenzene-d5	9.32	82	345235	107.38	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	218064	153.34	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	811171	94.66	ng	-0.03
79) Terphenyl-d14	20.10	244	1330391	97.51	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	3121	2.809	ng	# 1
19) n-Nitroso-di-n-propylamine	9.32	70	45057	17.446	ng	# 72
32) Benzoic acid	10.21	122	1724	7.453	ng	89
51) 2,6-Dinitrotoluene	14.77	165	15786	7.299	ng	# 22
57) 2,4-Dinitrotoluene	14.77	165	15786	5.195	ng	# 17
67) 4-Bromophenyl-phenylether	16.26	248	17465	5.182	ng	# 1
77) Benzidine	20.10	184	24109	2.529	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
Data File : BG040060.D
Acq On : 21 Mar 2019 8:26
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ClientSampleId :

Quant Time: Mar 21 09:32:35 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
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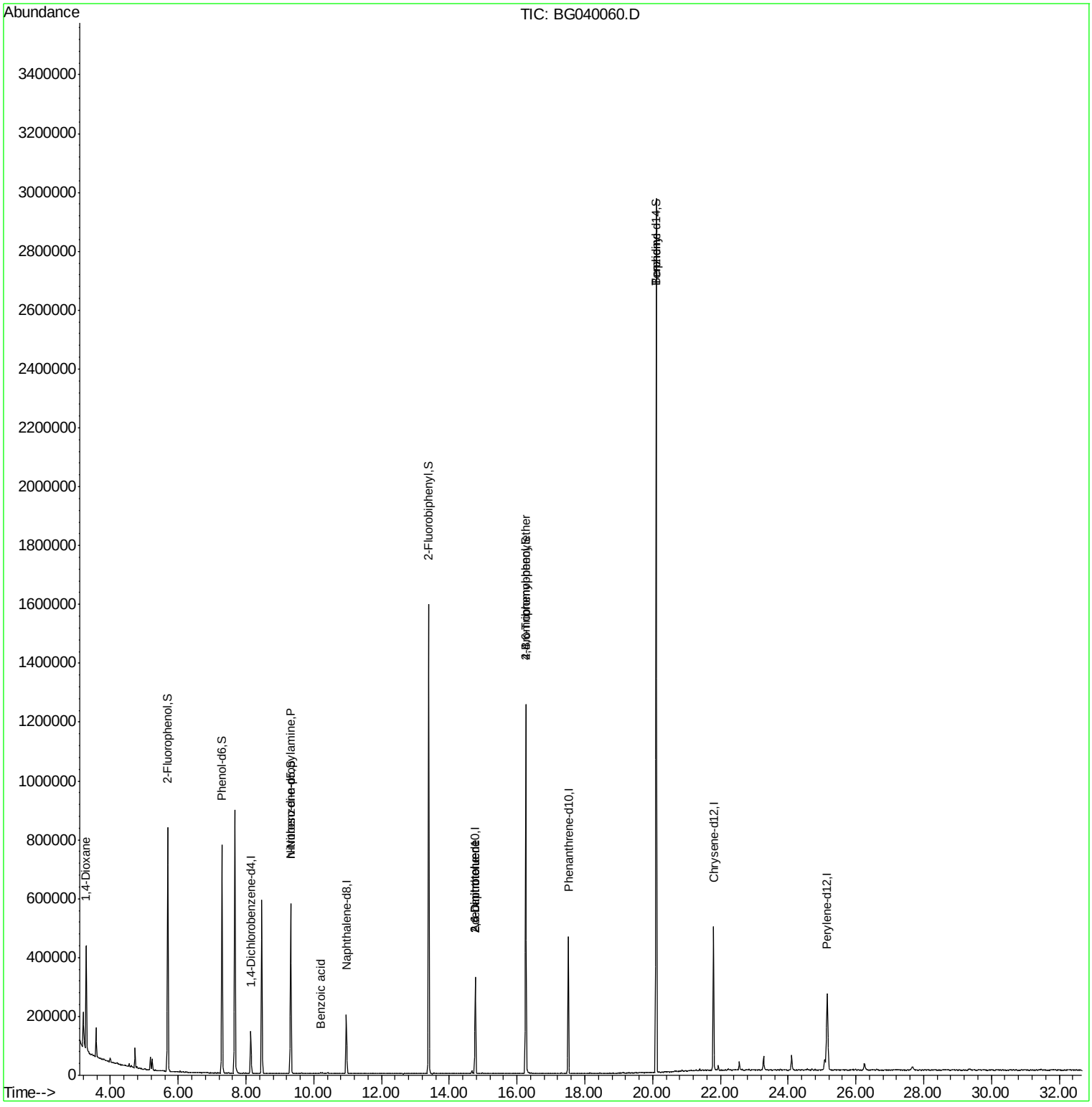
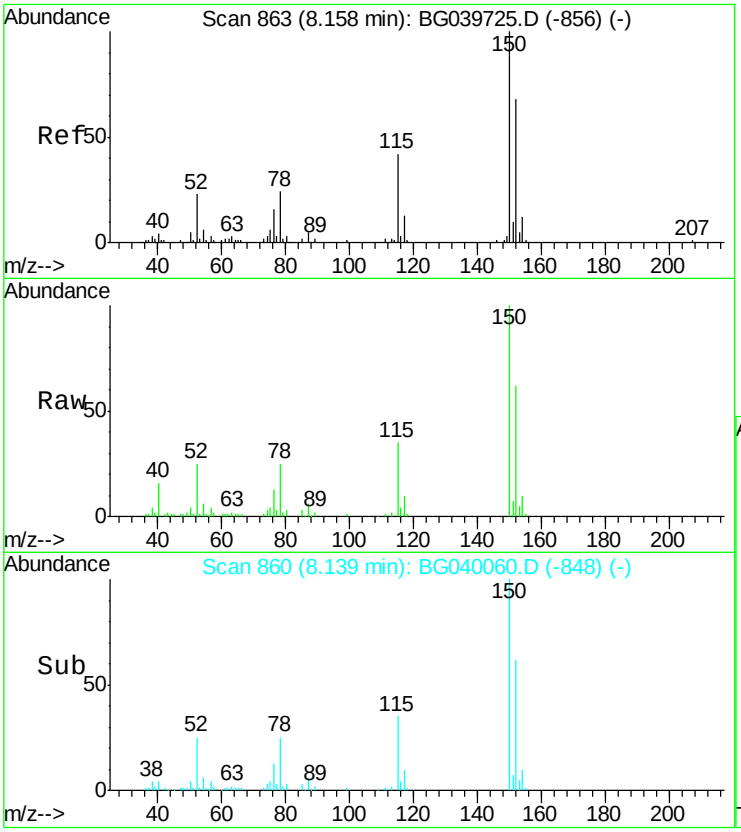


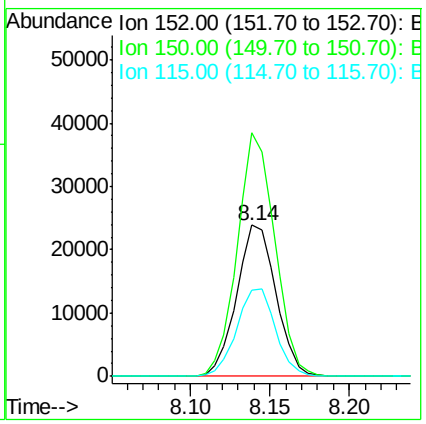


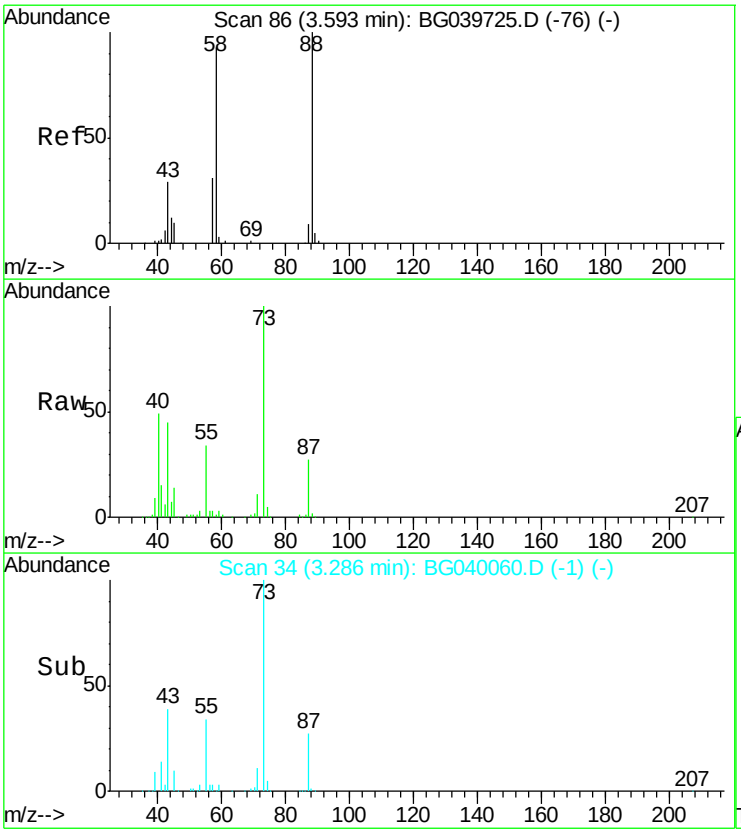
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41054

Ion	Ratio	Lower	Upper
152	100		
150	161.3	123.7	185.5
115	57.1	45.9	68.9

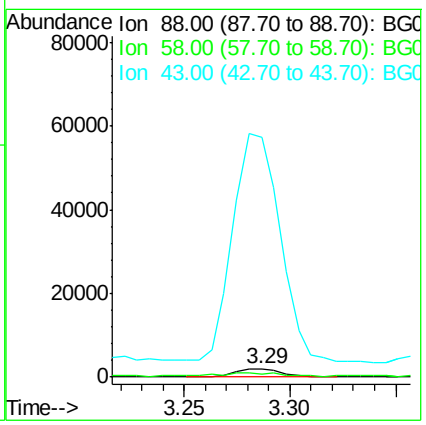


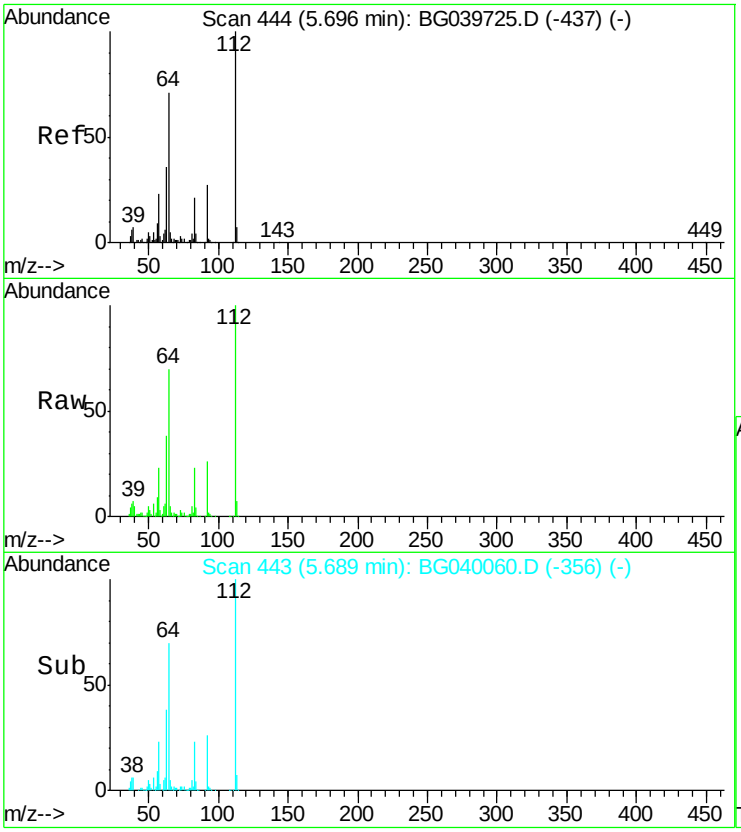


#2
1,4-Dioxane
Concen: 2.809 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.32 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Tgt Ion: 88 Resp: 3121

Ion	Ratio	Lower	Upper
88	100		
58	55.1	81.1	121.7#
43	2800.2	31.4	47.0#



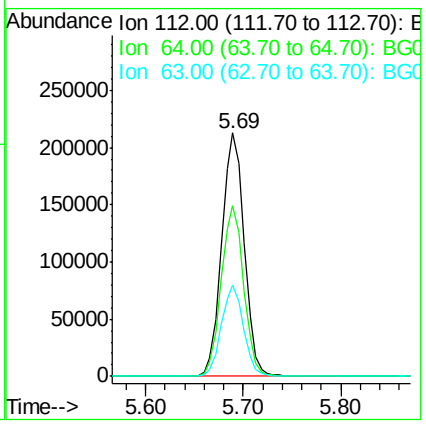


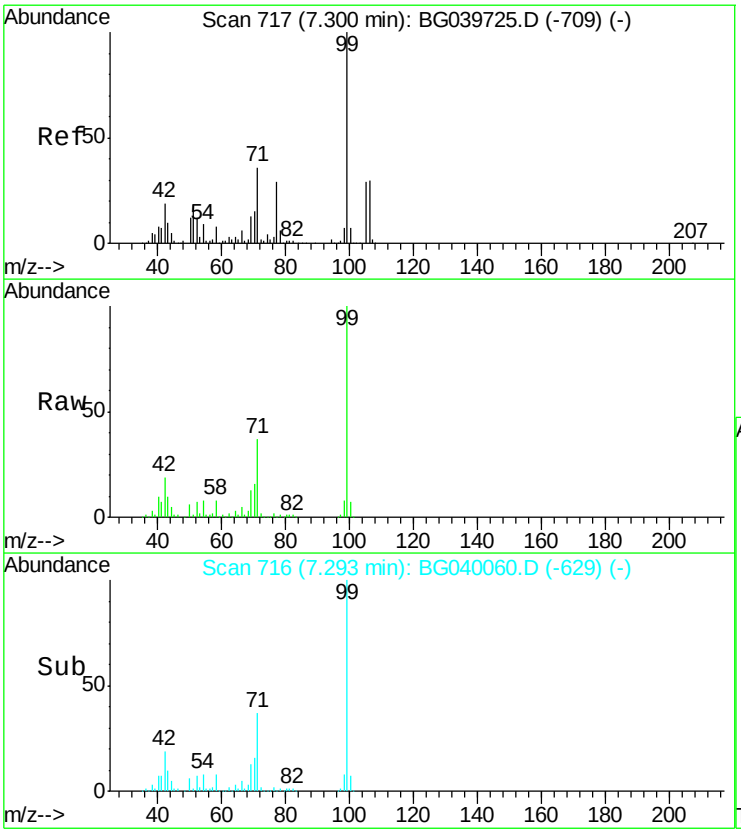
#5
2-Fluorophenol
Concen: 141.120 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 339595

Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.8	86.8
63	37.5	29.8	44.6

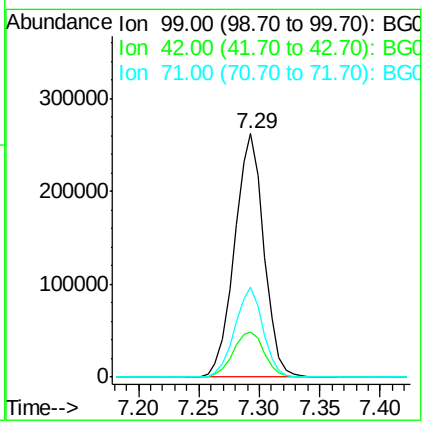


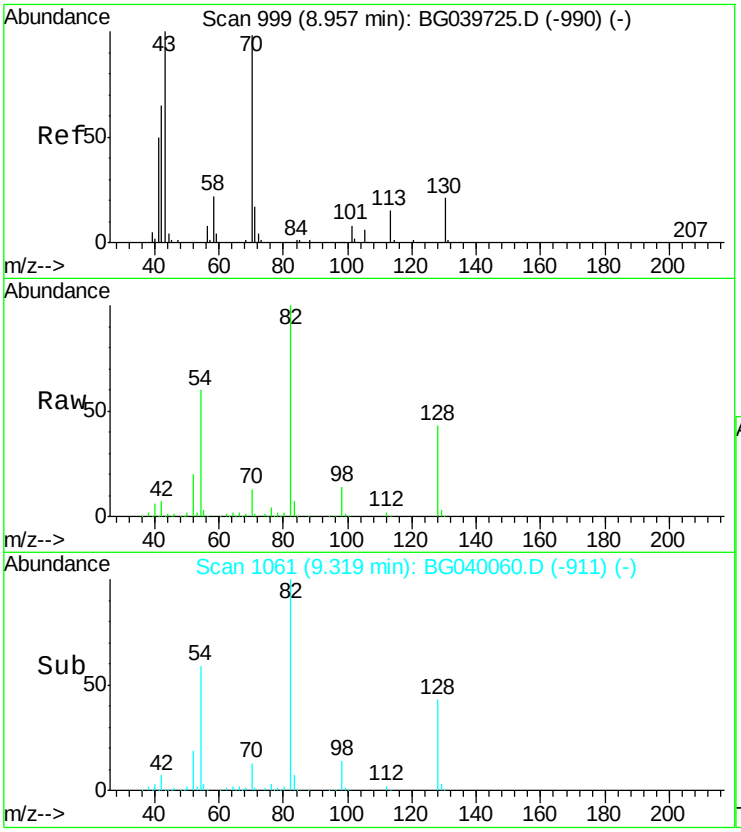


#7
Phenol-d6
Concen: 123.159 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.02 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Tgt Ion: 99 Resp: 441910

Ion	Ratio	Lower	Upper
99	100		
42	18.8	18.2	27.2
71	36.9	28.0	42.0



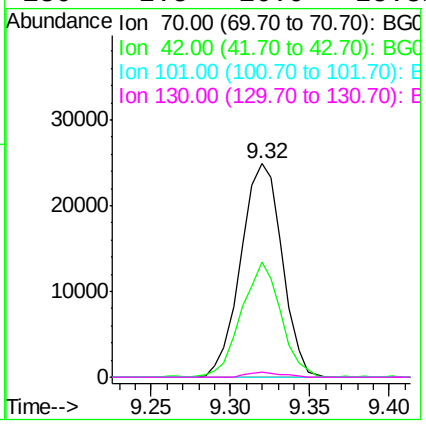


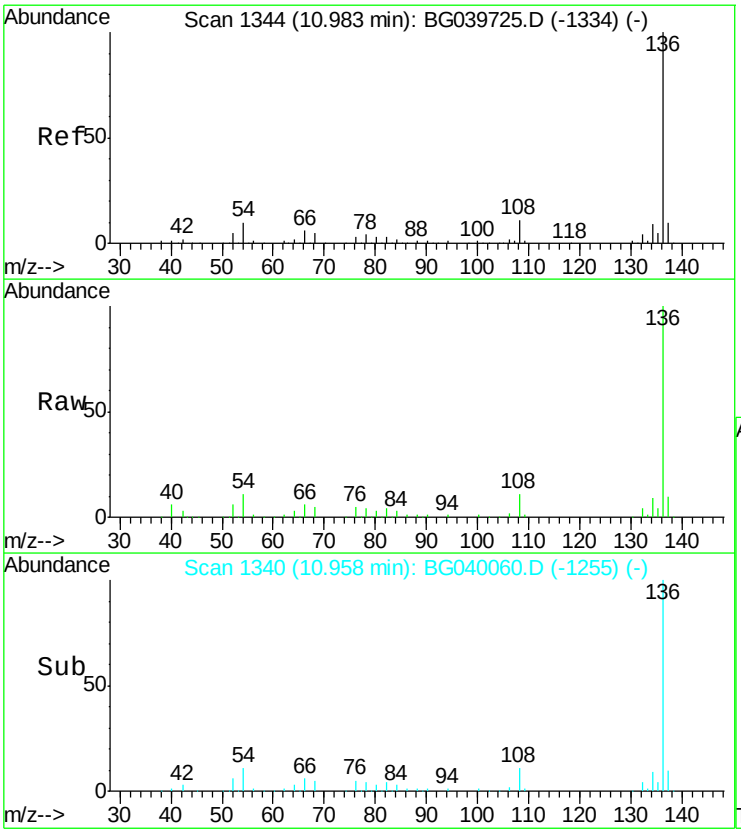
#19
n-Nitroso-di-n-propylamine
Concen: 17.446 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 45057

Ion	Ratio	Lower	Upper
70	100		
42	53.9	60.4	90.6#
101	0.0	7.5	11.3#
130	2.5	16.9	25.3#

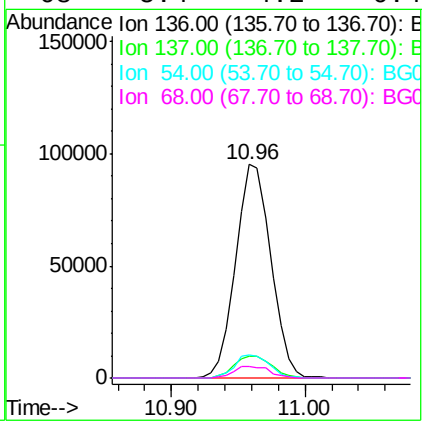


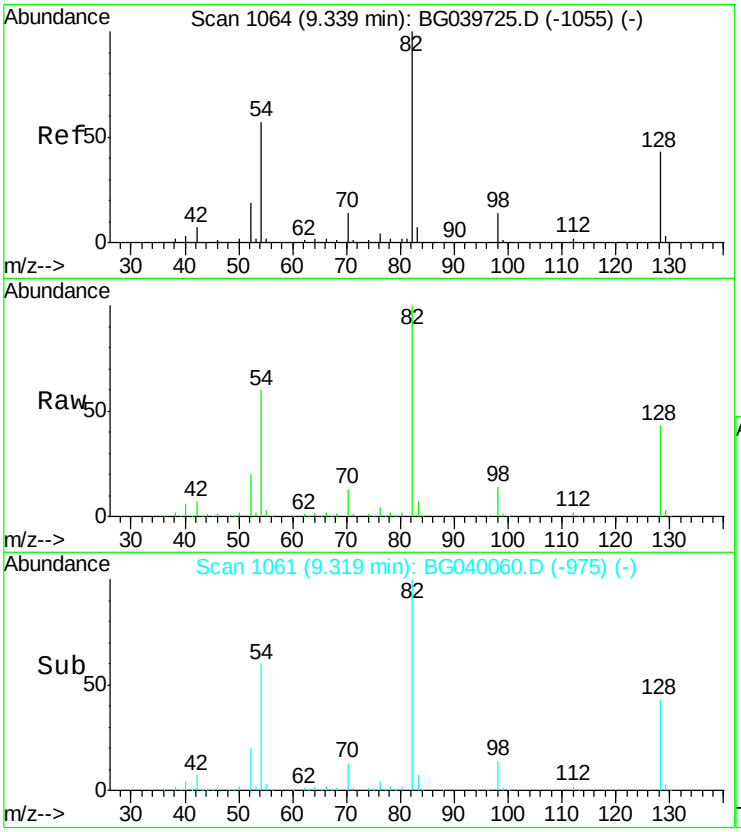


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Tgt Ion:136 Resp: 173886

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	10.6	9.4	14.2
68	5.4	4.2	6.4



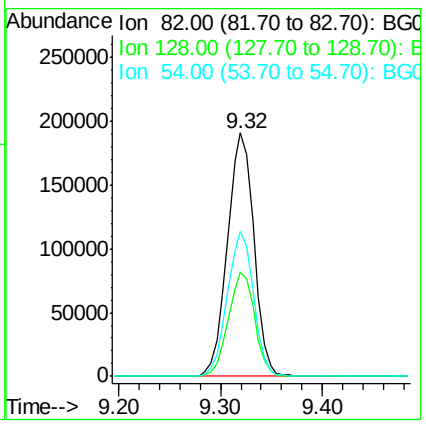


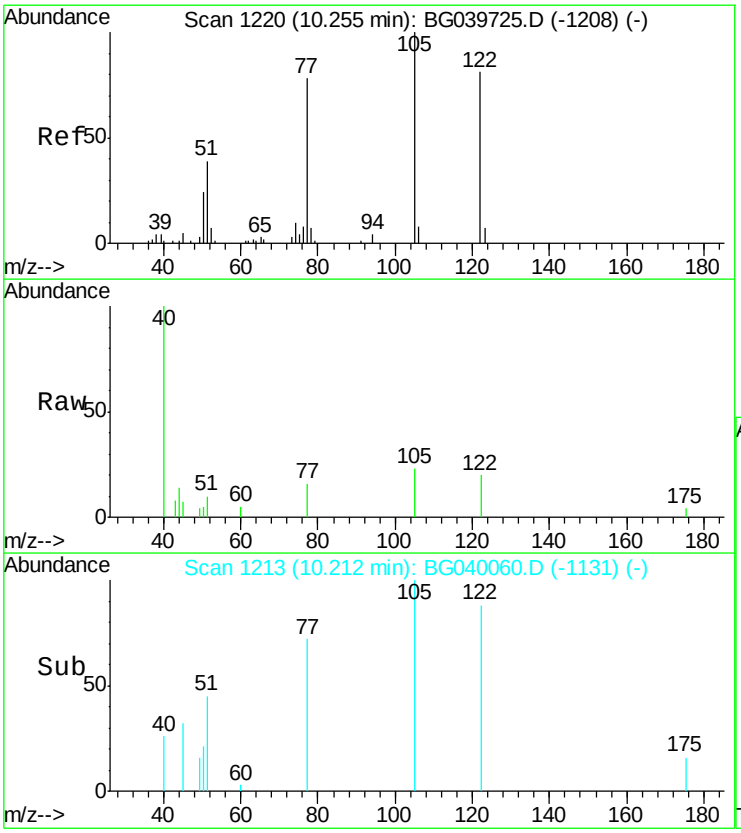
#23
Nitrobenzene-d5
Concen: 107.379 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 345235

Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	59.8	50.9	76.3

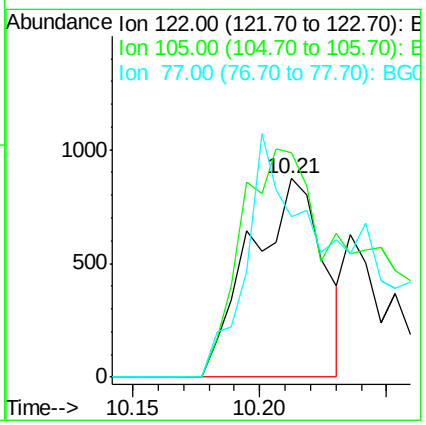


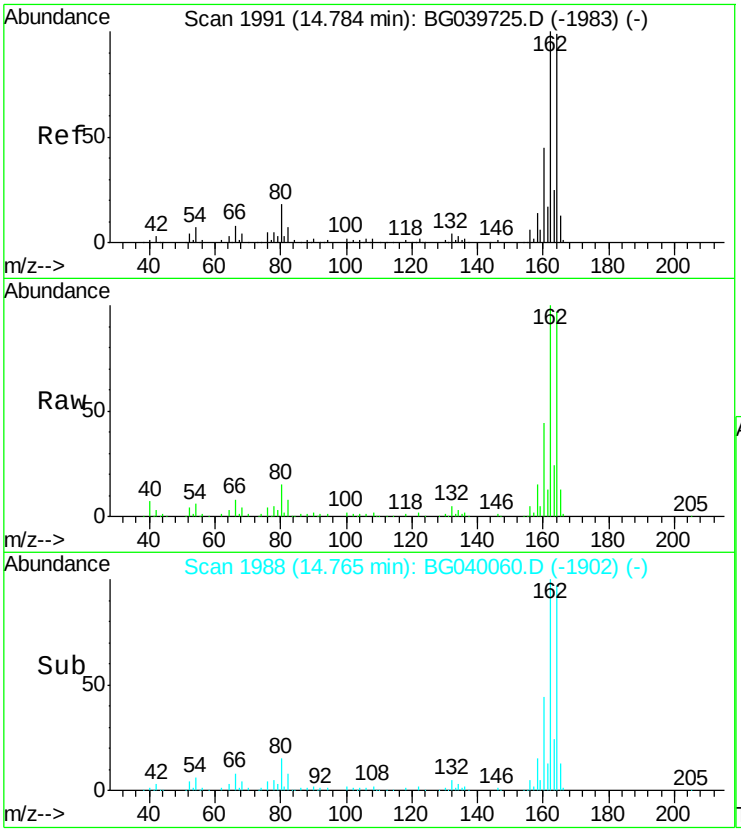


#32
Benzoic acid
Concen: 7.453 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Tgt Ion:122 Resp: 1724

Ion	Ratio	Lower	Upper
122	100		
105	113.2	101.8	141.8
77	81.0	76.3	116.3



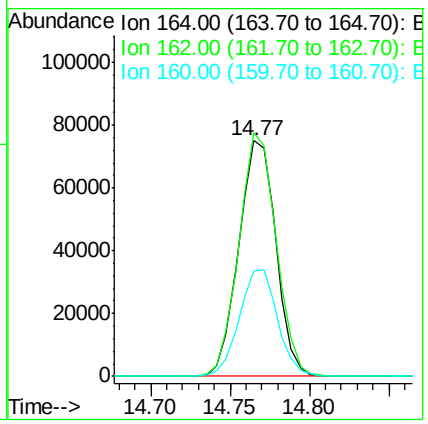


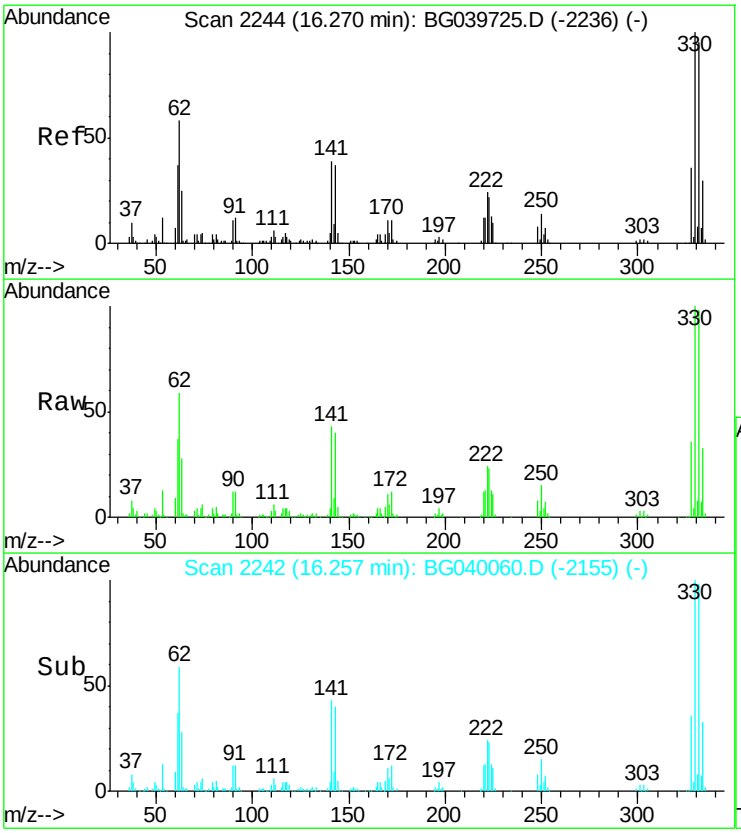
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.03 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 122006

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.6	122.4
160	45.0	34.2	51.2

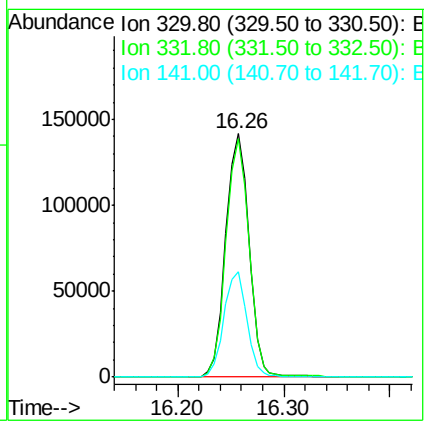


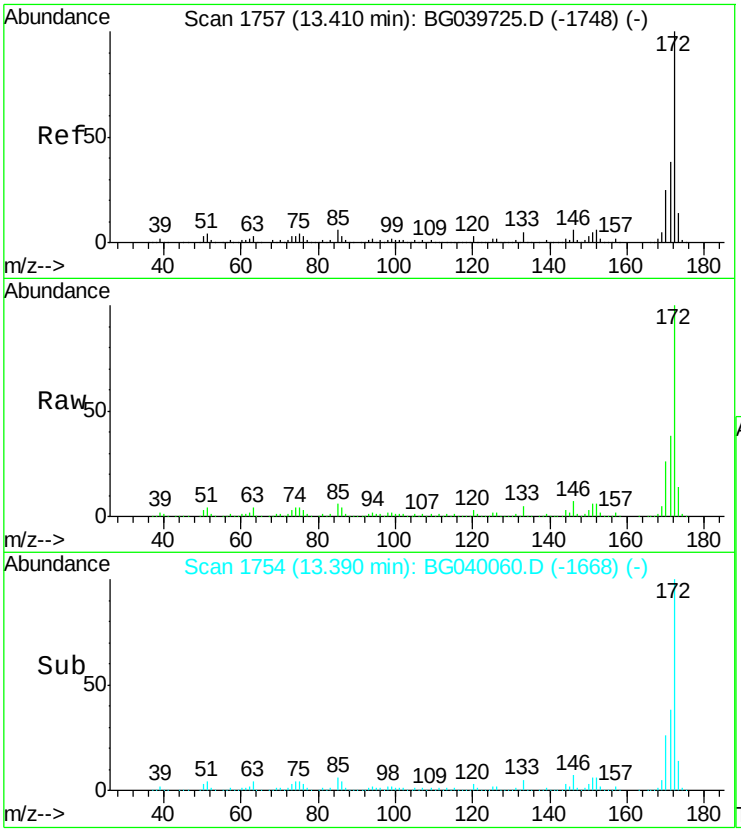


#42
2,4,6-Tribromophenol
Concen: 153.343 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Tgt Ion:330 Resp: 218064

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.7	113.5
141	42.8	35.6	53.4



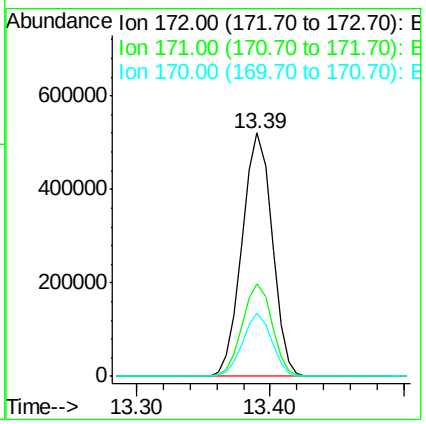


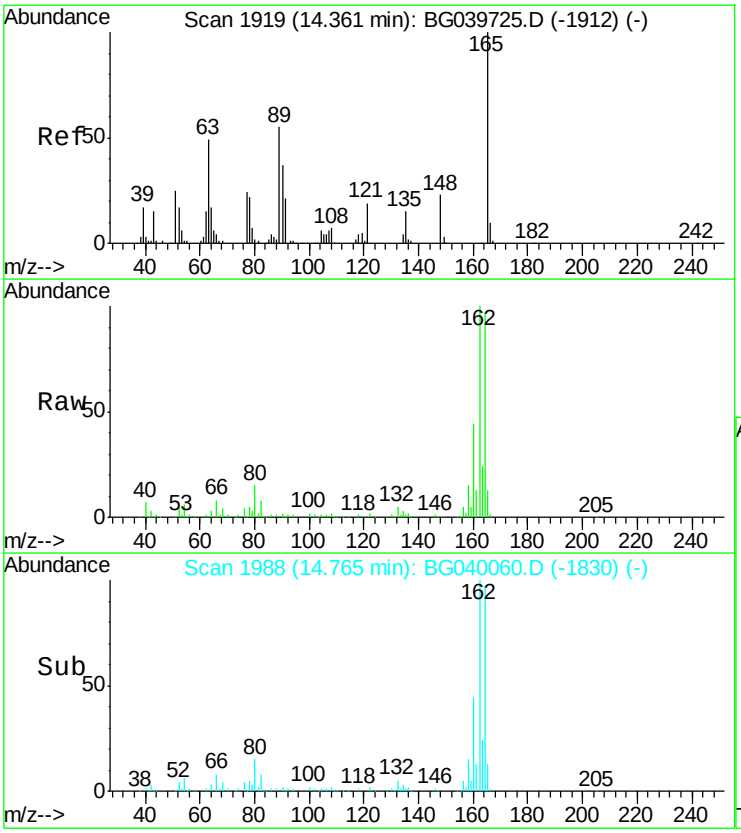
#45
2-Fluorobiphenyl
Concen: 94.665 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.03 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 811171

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	25.9	20.2	30.4

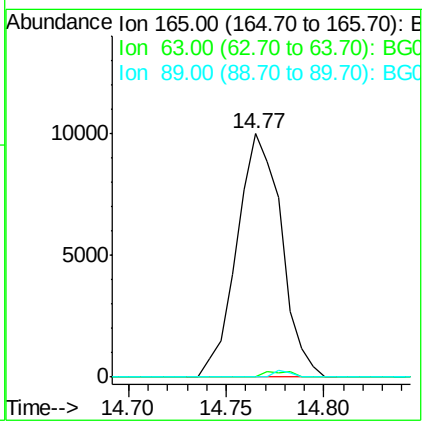


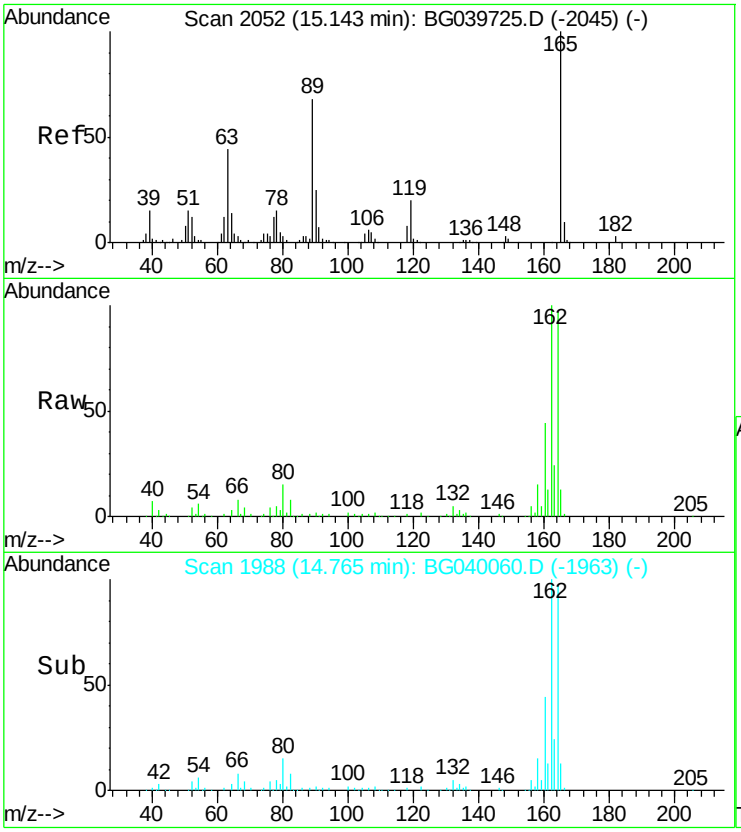


#51
2,6-Dinitrotoluene
Concen: 7.299 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Tgt Ion:165 Resp: 15786

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	0.0	45.8	68.8#



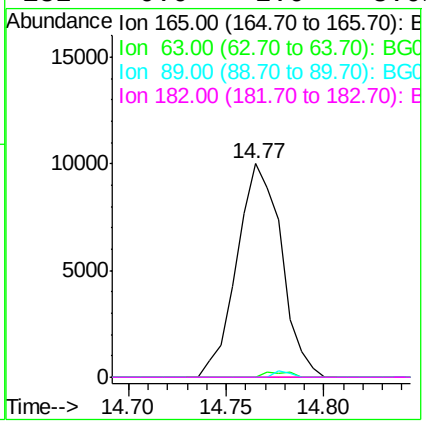


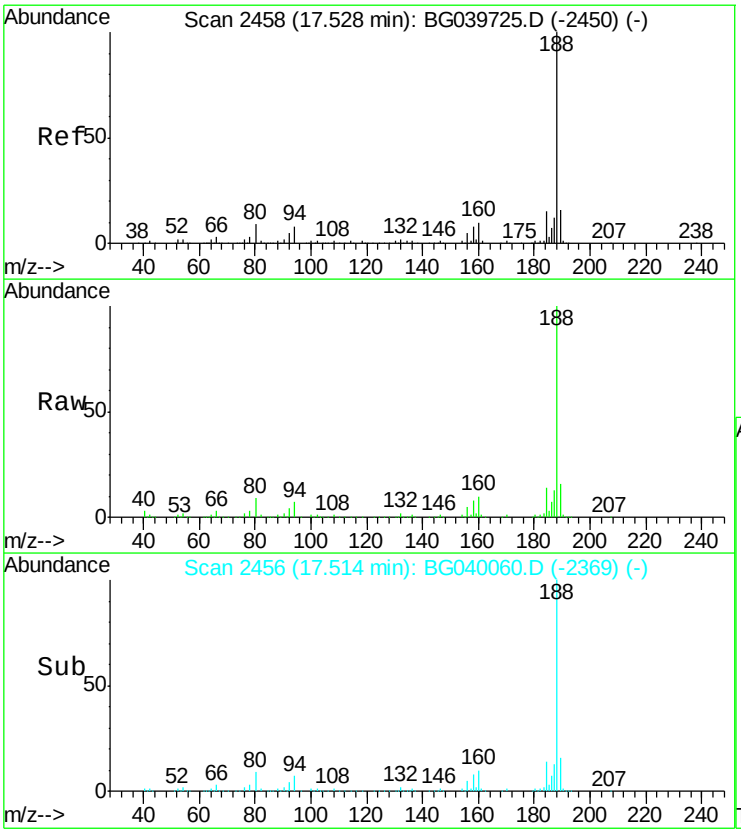
#57
2,4-Dinitrotoluene
Concen: 5.195 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15786

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

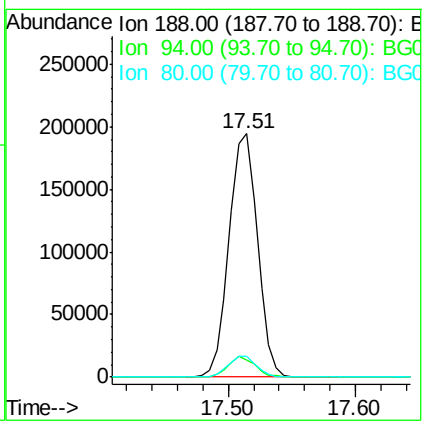


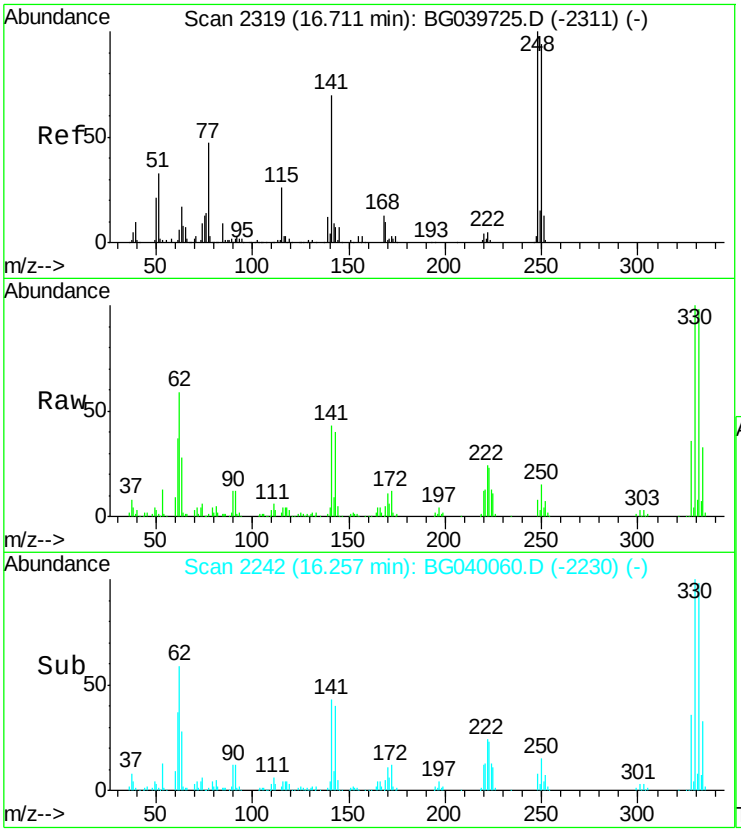


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Tgt Ion:188 Resp: 301119

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	8.6	8.1	12.1



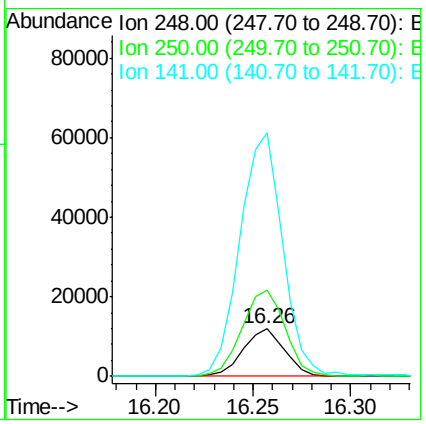


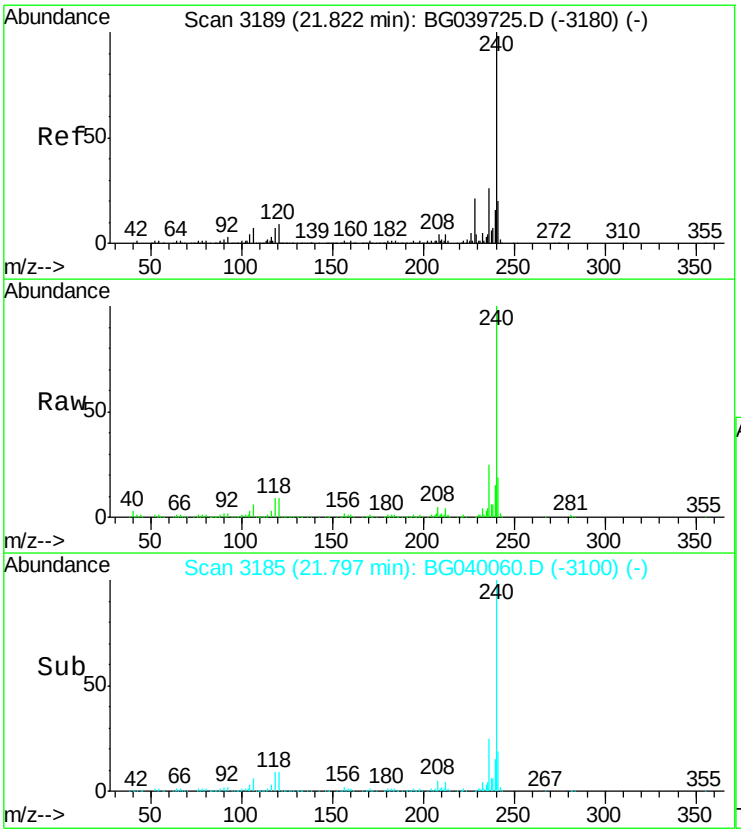
#67
4-Bromophenyl-phenylether
Concen: 5.182 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17465

Ion	Ratio	Lower	Upper
248	100		
250	183.5	77.6	116.4#
141	515.5	63.9	95.9#

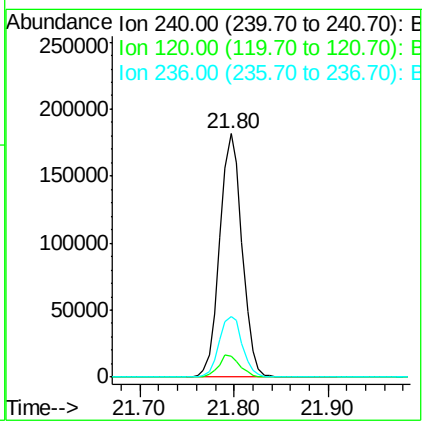


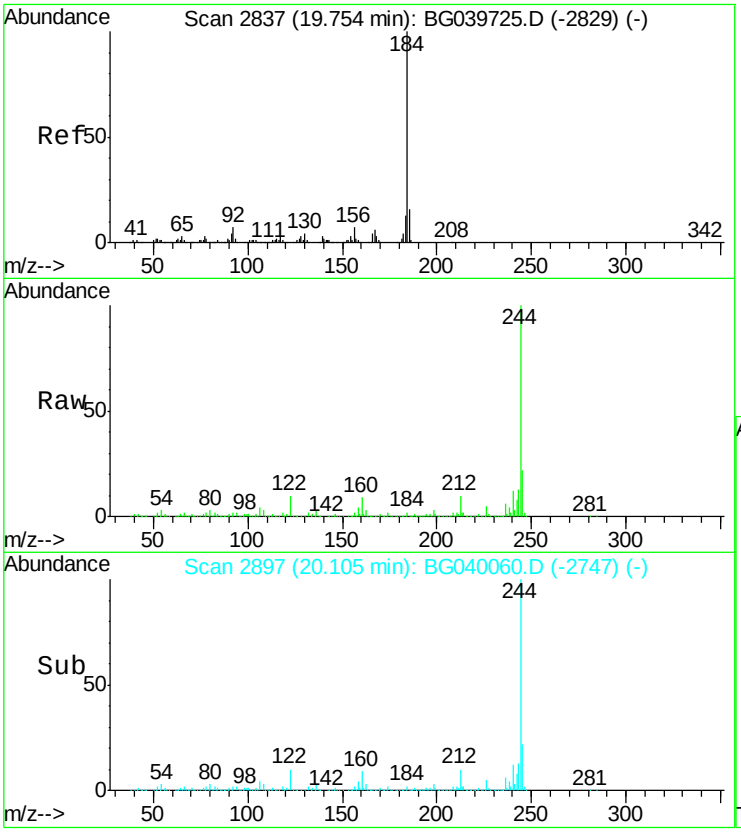


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Tgt Ion:240 Resp: 300395

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.0	21.0	31.4



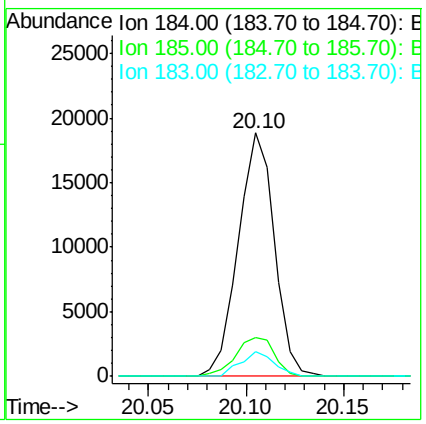


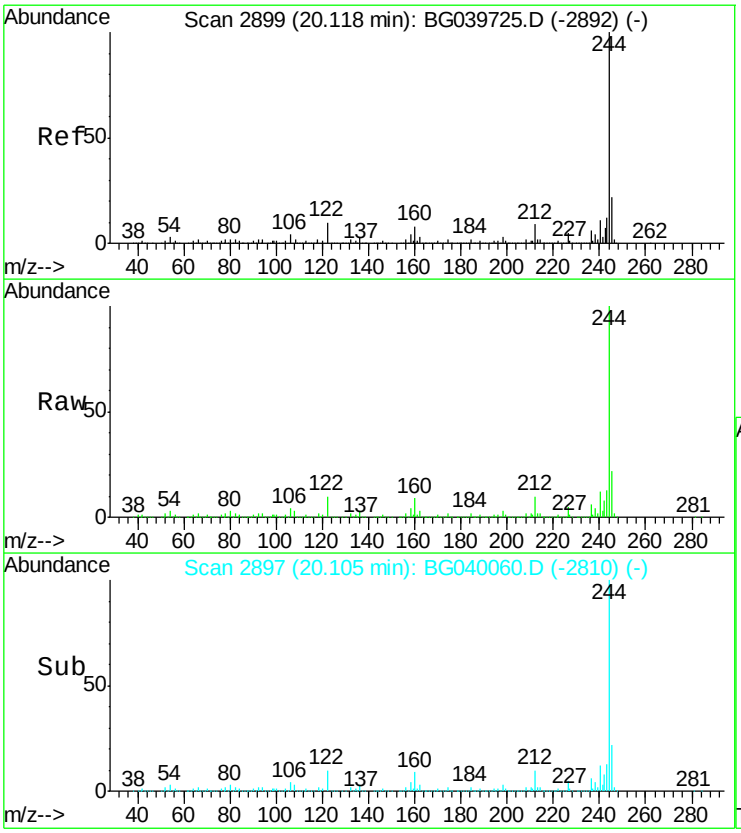
#77
Benzidine
Concen: 2.529 ng
RT: 20.10 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24109

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.2	18.2
183	9.9	10.6	15.8#

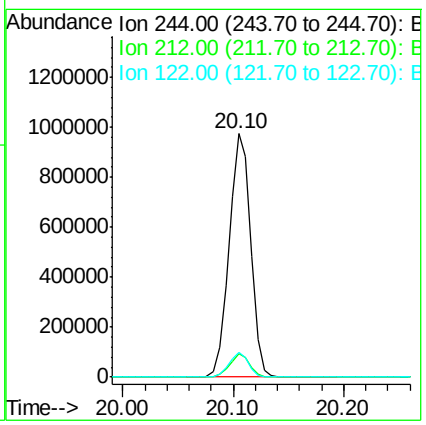


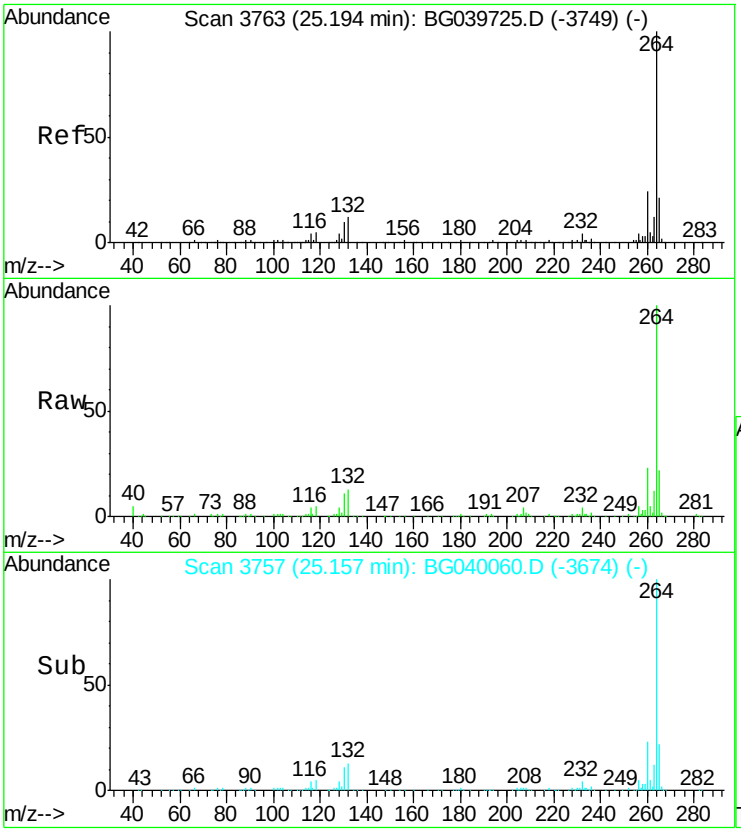


#79
Terphenyl-d14
Concen: 97.514 ng
RT: 20.10 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Tgt Ion:244 Resp: 1330391

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	10.2	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 296968

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	21.8	18.5	27.7