Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039210.D
Acq On : 18 Jan 2019 8:23
Operator : JU/SJ
Sample : PB116454TB
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 18 10:24:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28157	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	114426	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	77416	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	207410	20.00	ng	0.00
76) Chrysene-d12	21.68	240	235888	20.00	ng	0.00
87) Perylene-d12	24.94	264	204977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	246557	166.11	ng	0.00
7) Phenol-d6	7.18	99	336190	157.38	ng	0.00
23) Nitrobenzene-d5	9.19	82	198818	95.08	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	140150	108.00	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	535634	94.69	ng	0.00
79) Terphenyl-d14	20.01	244	1125524	88.27	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	24883	17.739	ng	# 65
51) 2,6-Dinitrotoluene	14.66	165	9763	6.675	ng	# 26
57) 2,4-Dinitrotoluene	14.66	165	9763	4.653	ng	# 28
67) 4-Bromophenyl-phenylether	16.15	248	8950	3.357	ng	# 1
77) Benzidine	20.01	184	17688	2.452	ng	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039210.D
Acq On : 18 Jan 2019 8:23
Operator : JU/SJ
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Misc :
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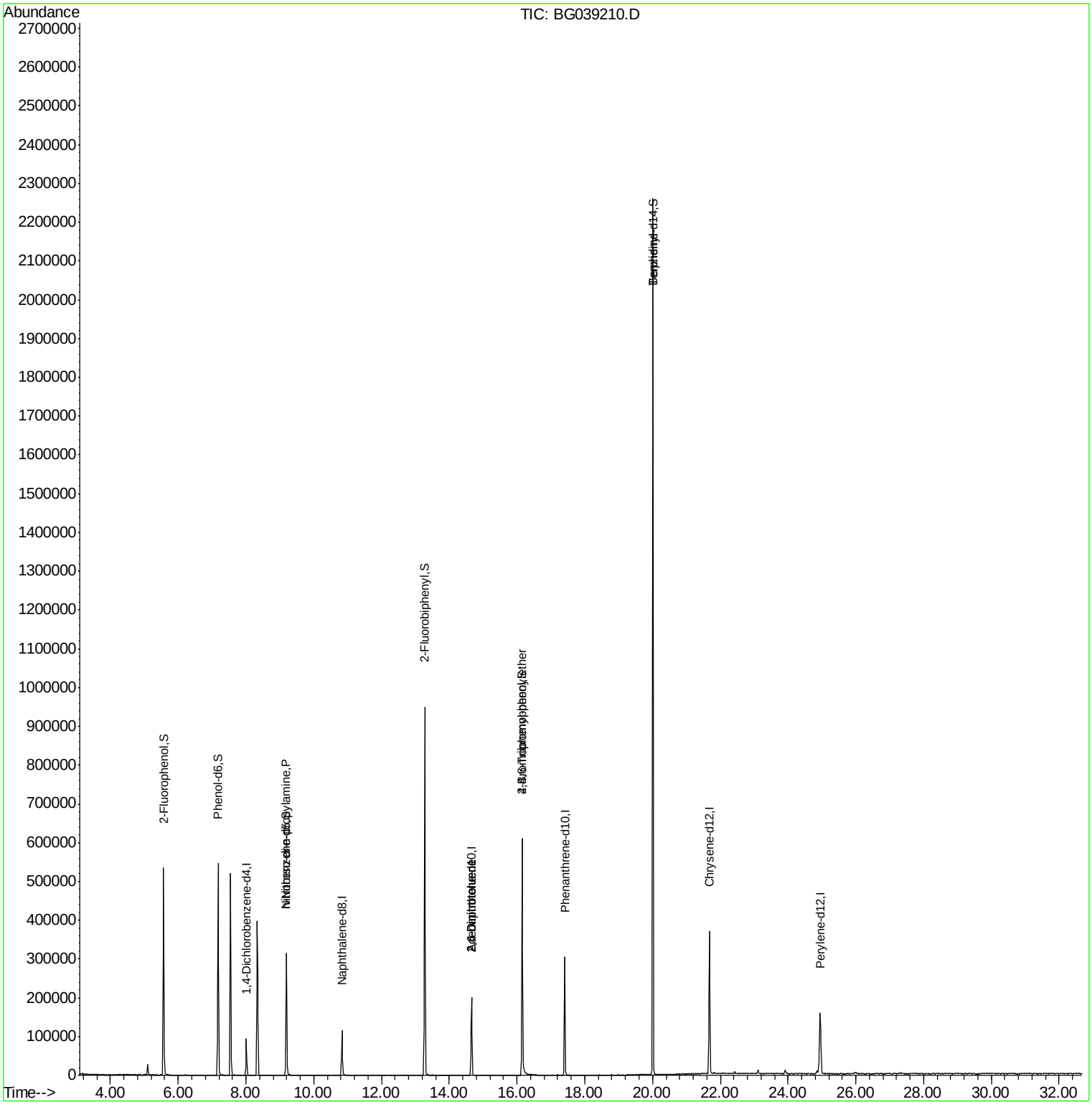
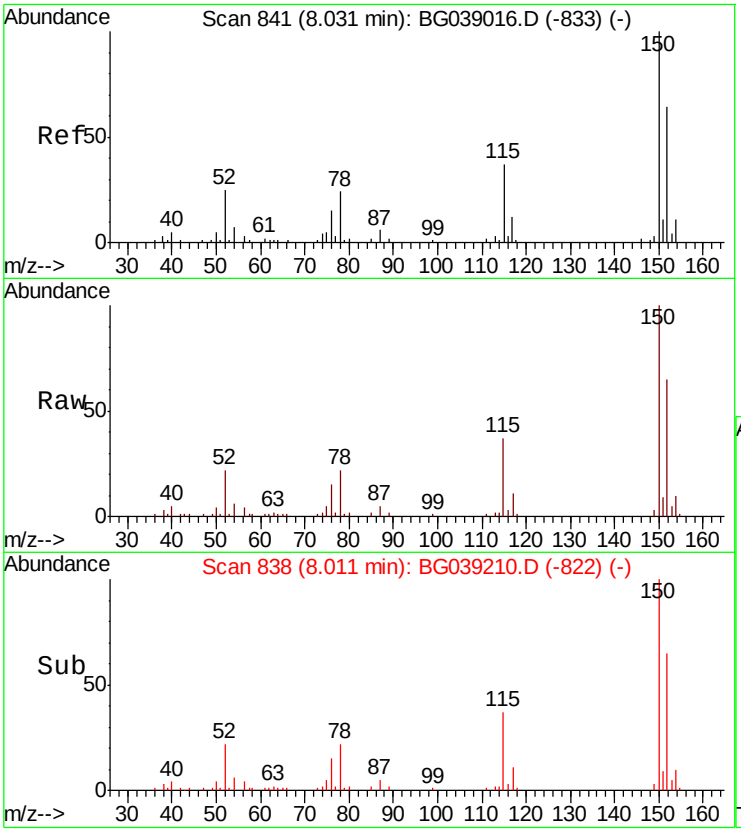


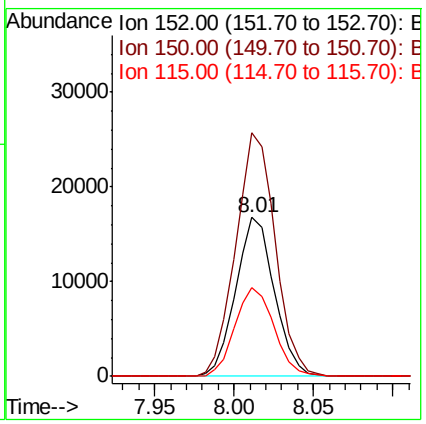


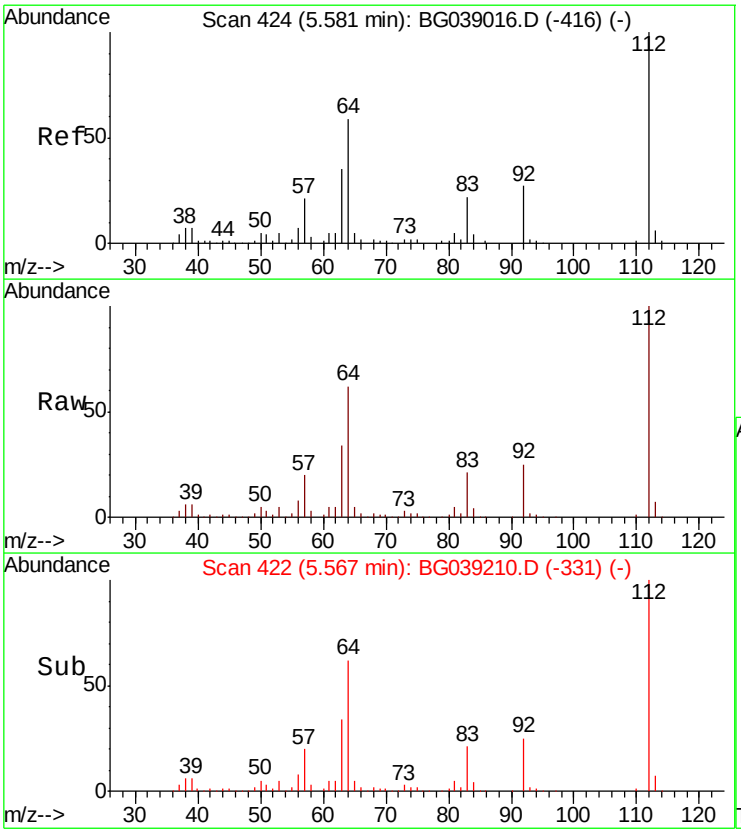
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 28157

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.7	187.1
115	56.1	46.5	69.7

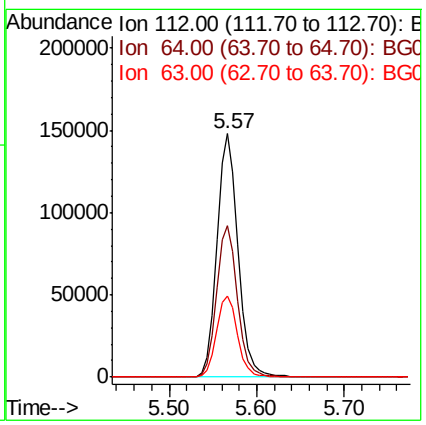


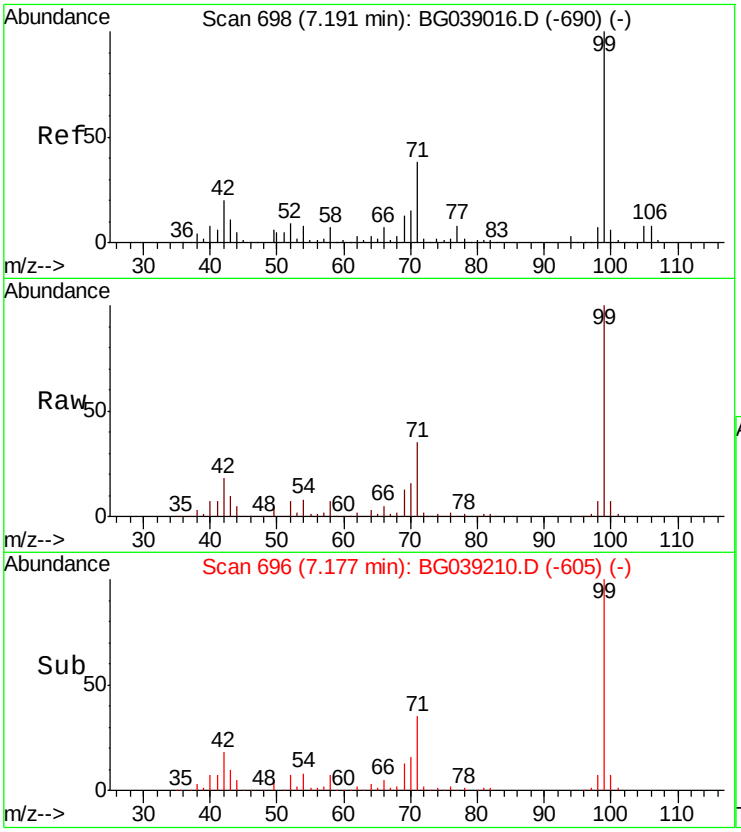


#5
2-Fluorophenol
Concen: 166.109 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Tgt Ion:112 Resp: 246557

Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.0	70.6
63	33.5	28.0	42.0



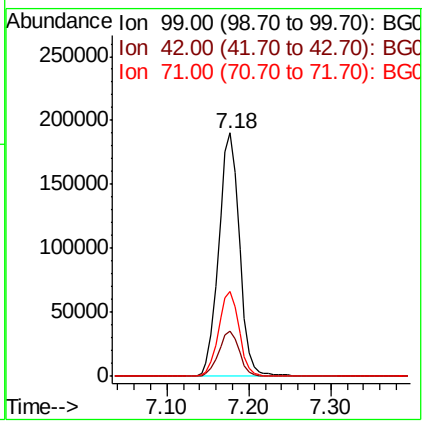


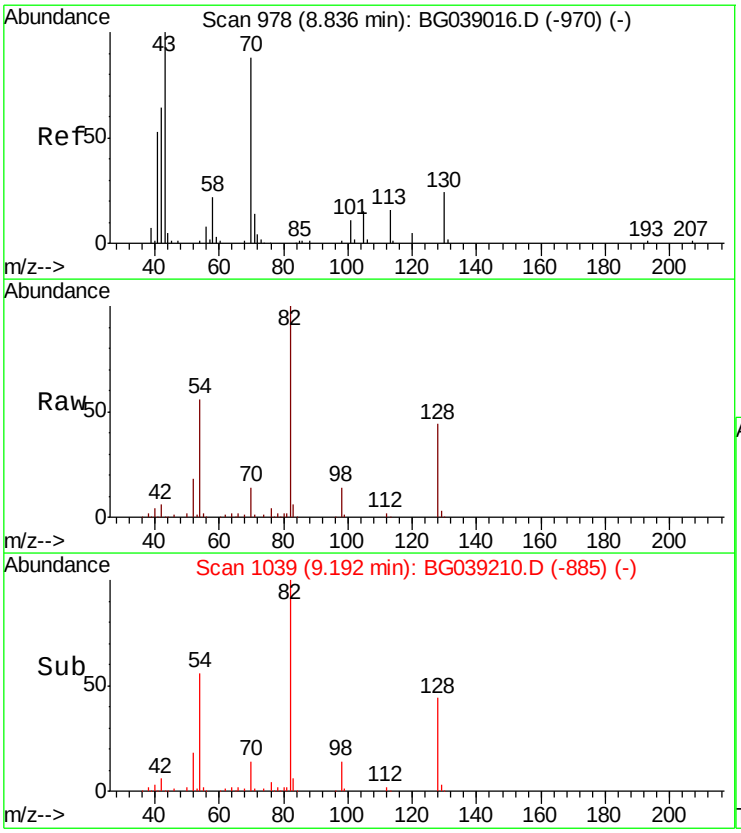
#7
Phenol-d6
Concen: 157.384 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.00 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 336190

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	34.9	30.2	45.4

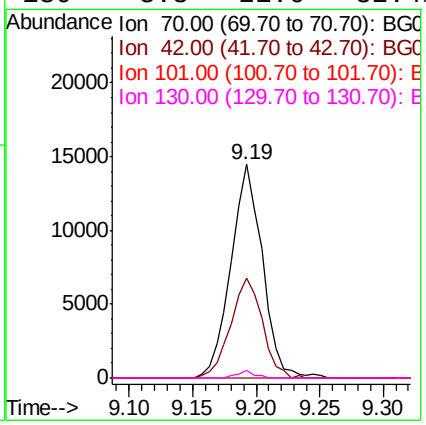


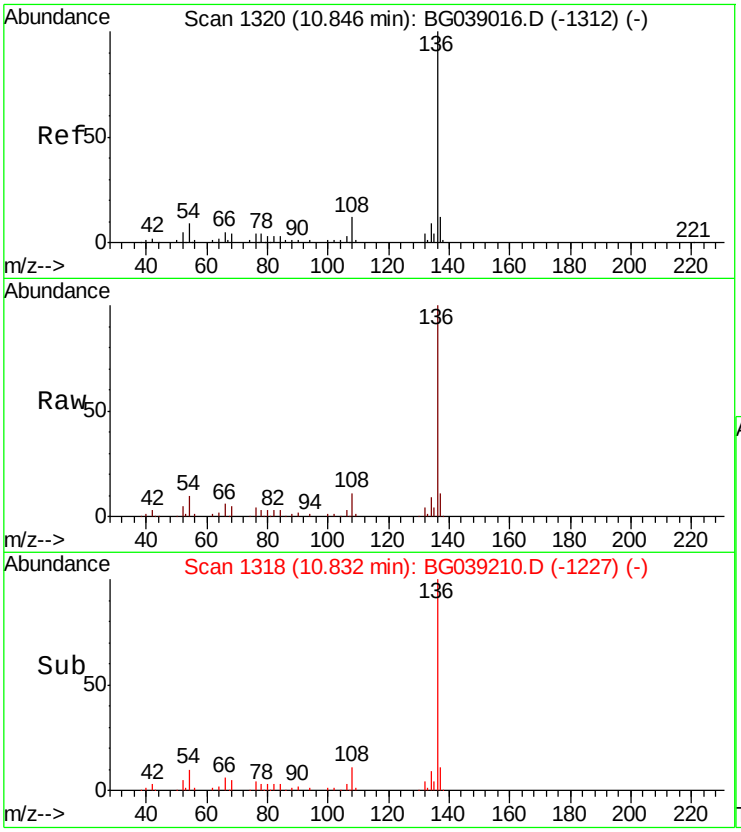


#19
n-Nitroso-di-n-propylamine
Concen: 17.739 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.37 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Tgt Ion: 70 Resp: 24883

Ion	Ratio	Lower	Upper
70	100		
42	46.5	59.0	88.4#
101	0.0	10.4	15.6#
130	3.3	21.6	32.4#



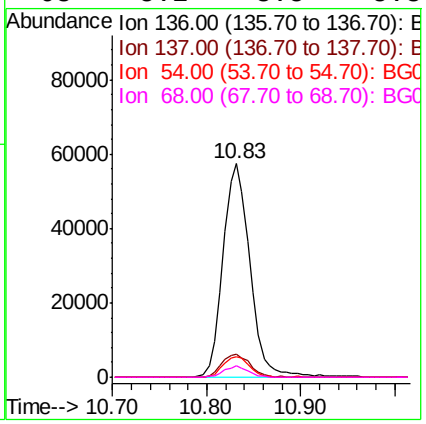


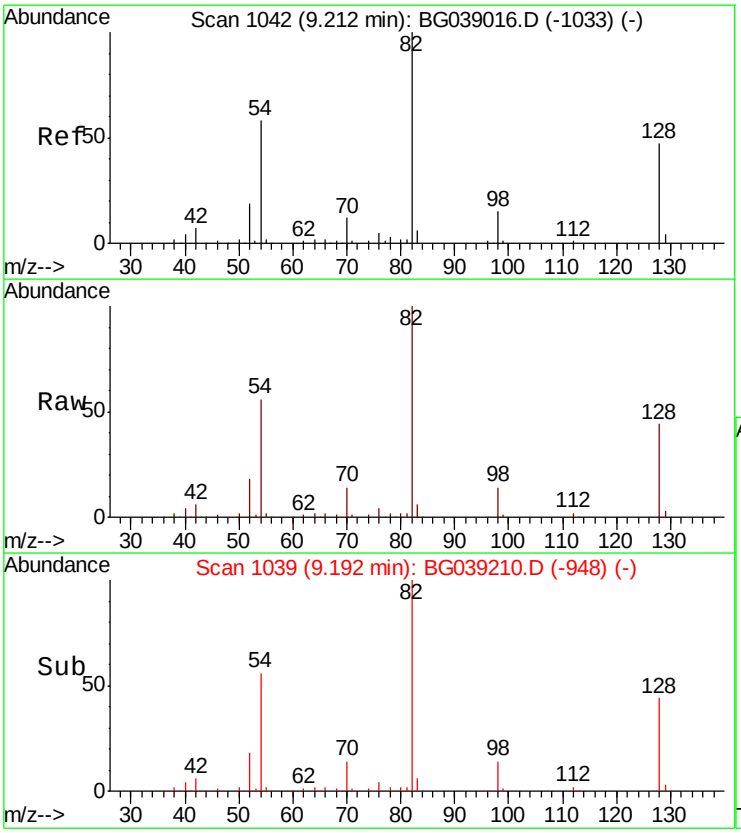
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 114426

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.4	14.2
54	9.5	7.2	10.8
68	5.2	3.5	5.3

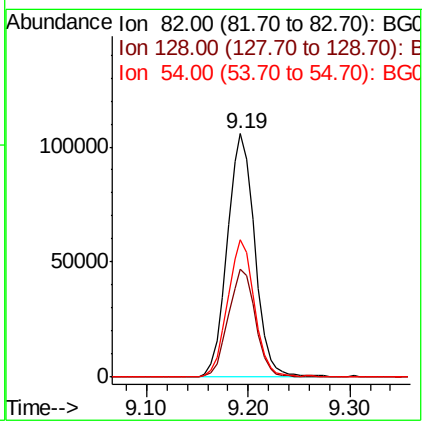


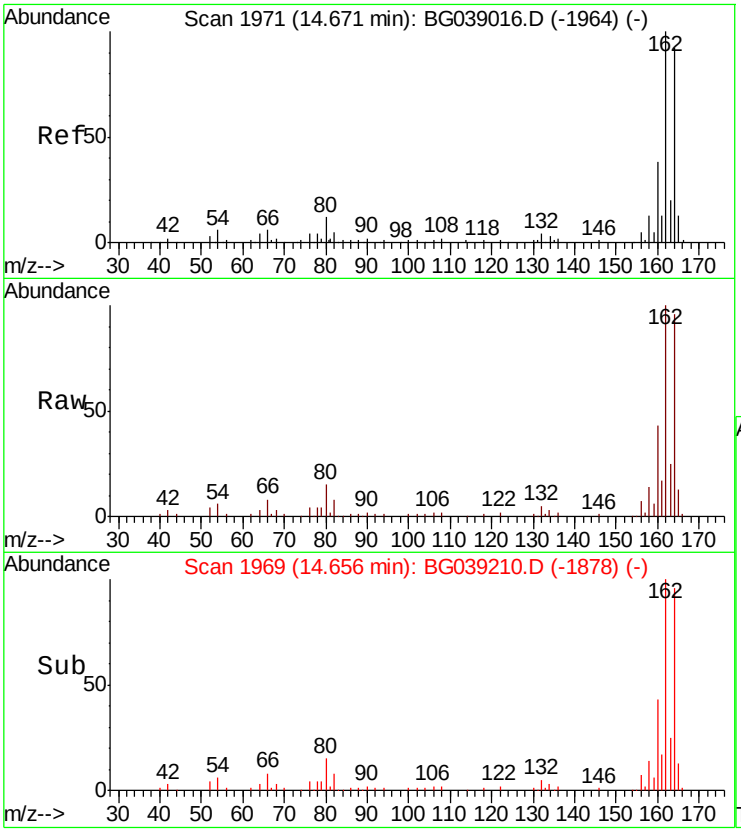


#23
Nitrobenzene-d5
Concen: 95.076 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Tgt Ion: 82 Resp: 198818

Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.3	55.9
54	56.3	46.4	69.6



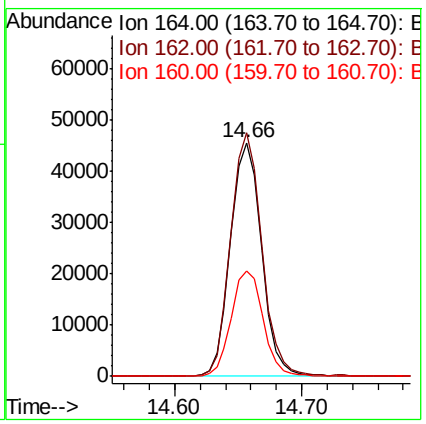


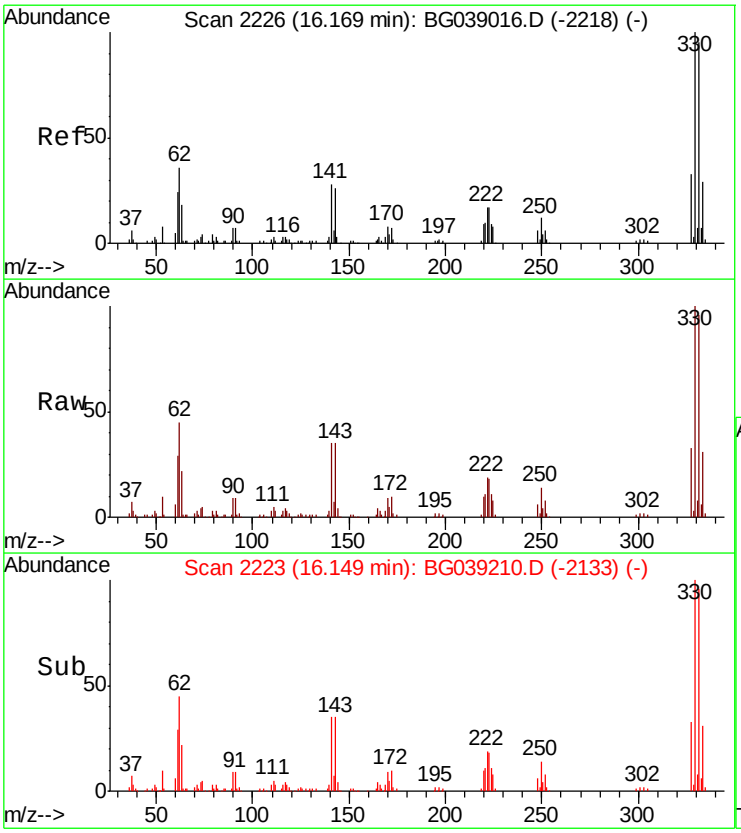
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 77416

Ion	Ratio	Lower	Upper
164	100		
162	104.3	87.2	130.8
160	45.1	33.3	49.9

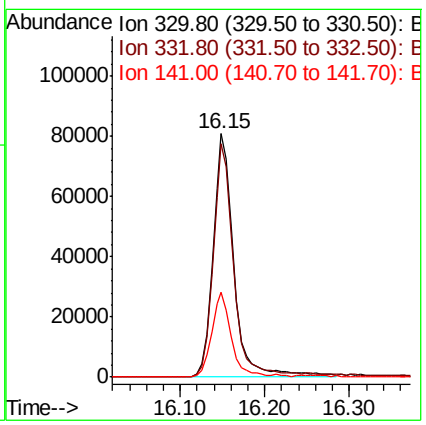


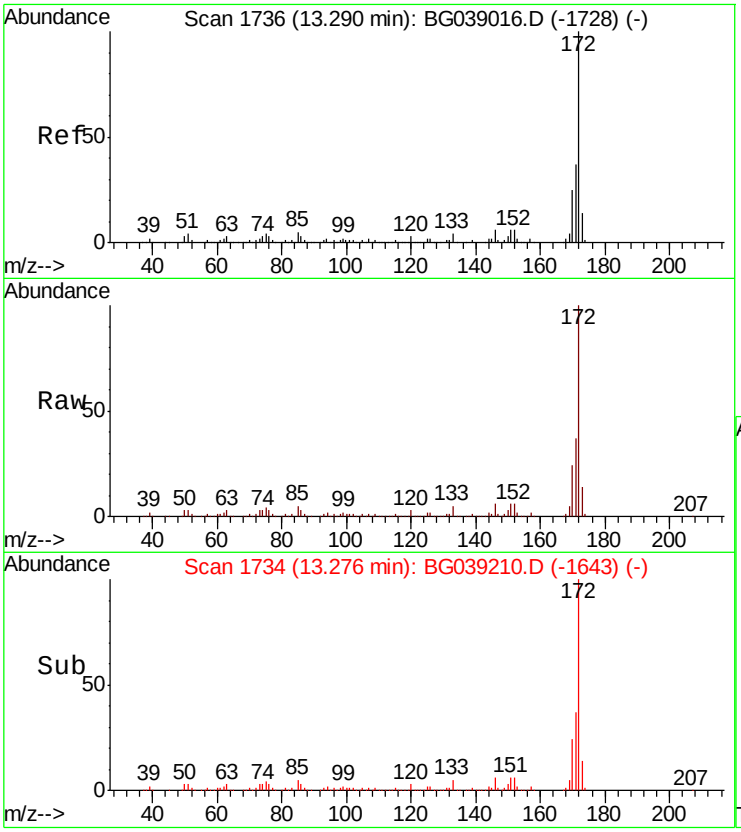


#42
2,4,6-Tribromophenol
Concen: 107.998 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Tgt Ion:330 Resp: 140150

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.7	113.5
141	33.2	24.9	37.3



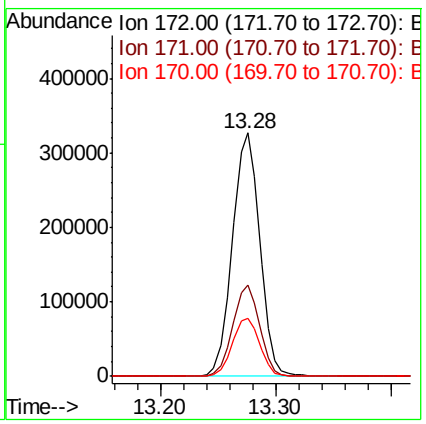


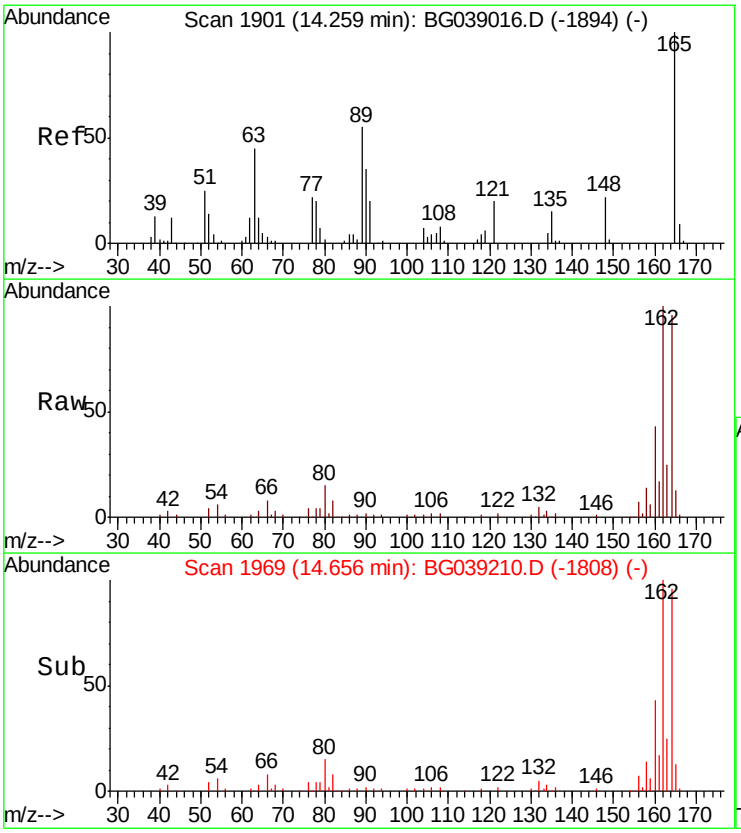
#45
2-Fluorobiphenyl
Concen: 94.690 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 535634

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	24.0	20.1	30.1

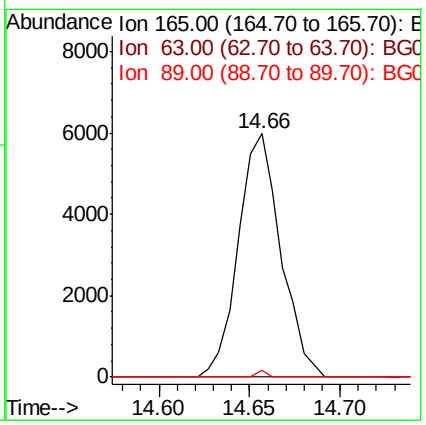


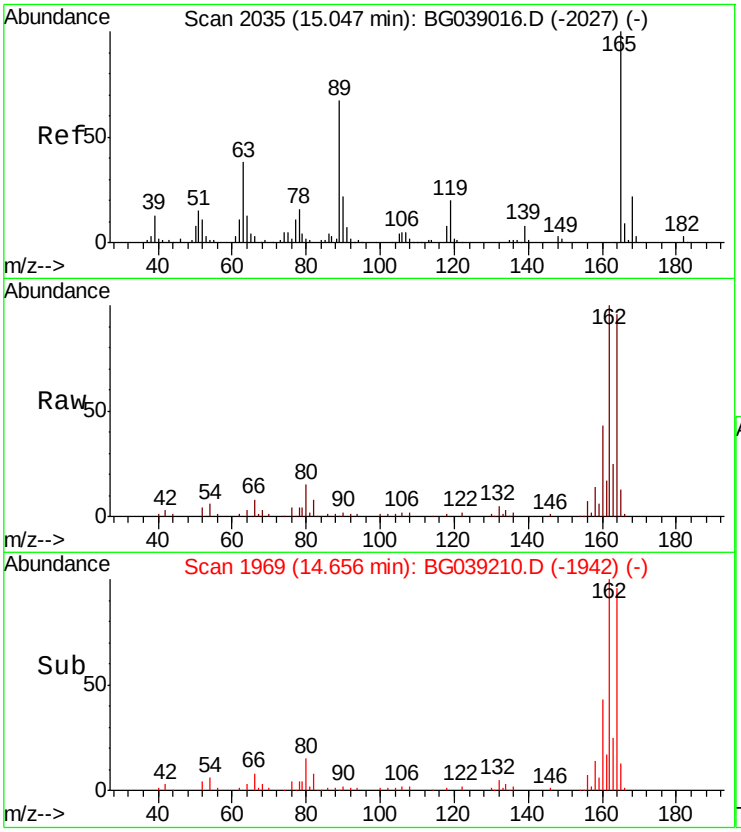


#51
2,6-Dinitrotoluene
Concen: 6.675 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.41 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Tgt Ion:165 Resp: 9763

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	2.8	43.7	65.5#



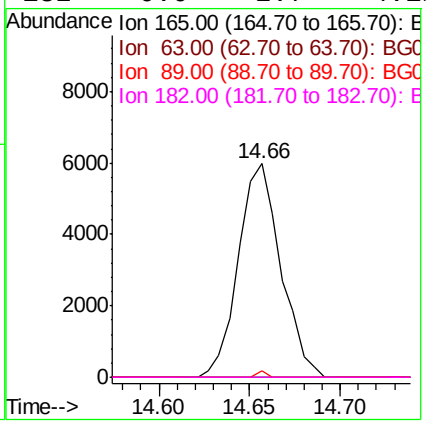


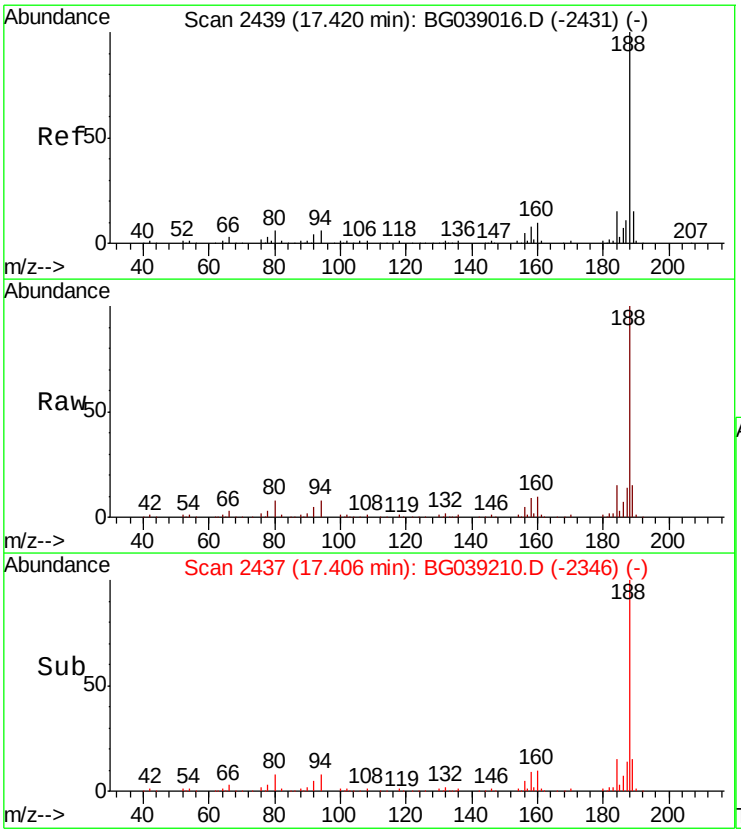
#57
2,4-Dinitrotoluene
Concen: 4.653 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9763

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	2.8	53.2	79.8#
182	0.0	2.7	4.1#

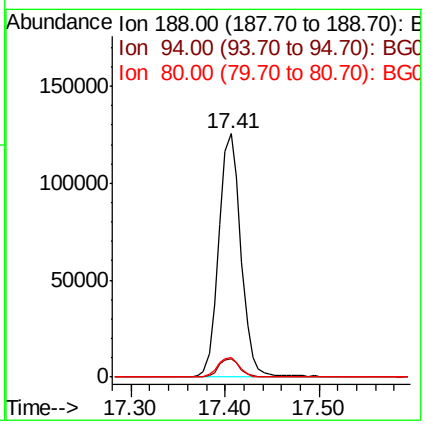


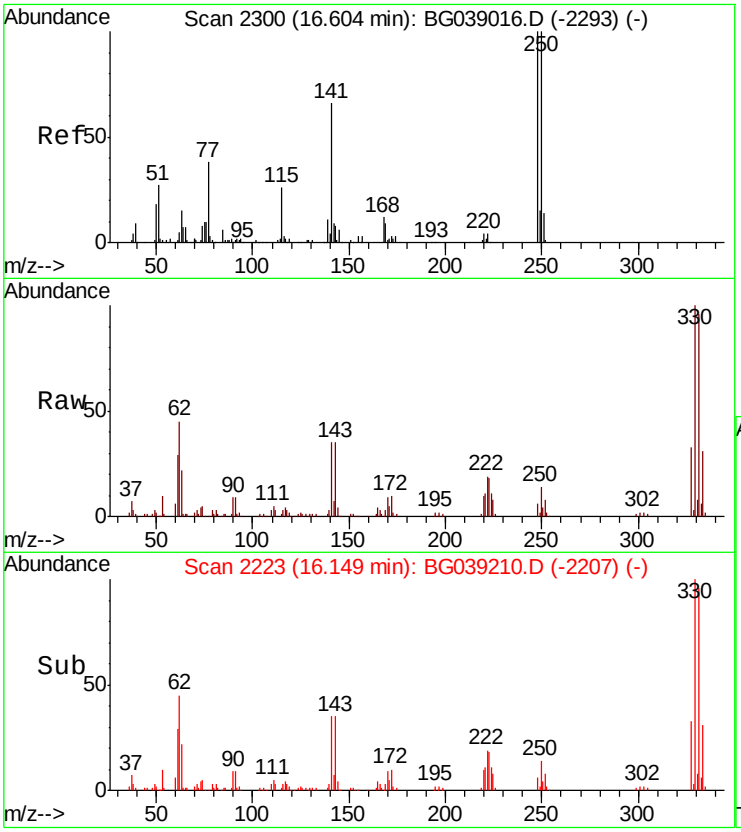


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Tgt Ion:188 Resp: 207410

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.0	7.4#
80	8.2	4.7	7.1#



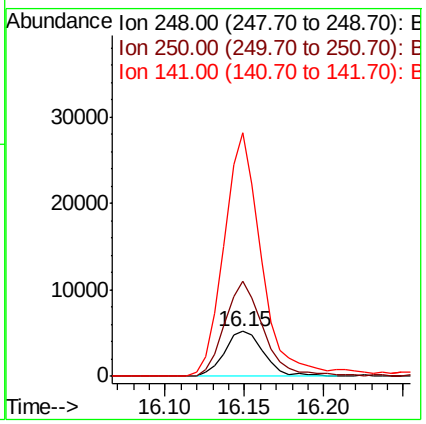


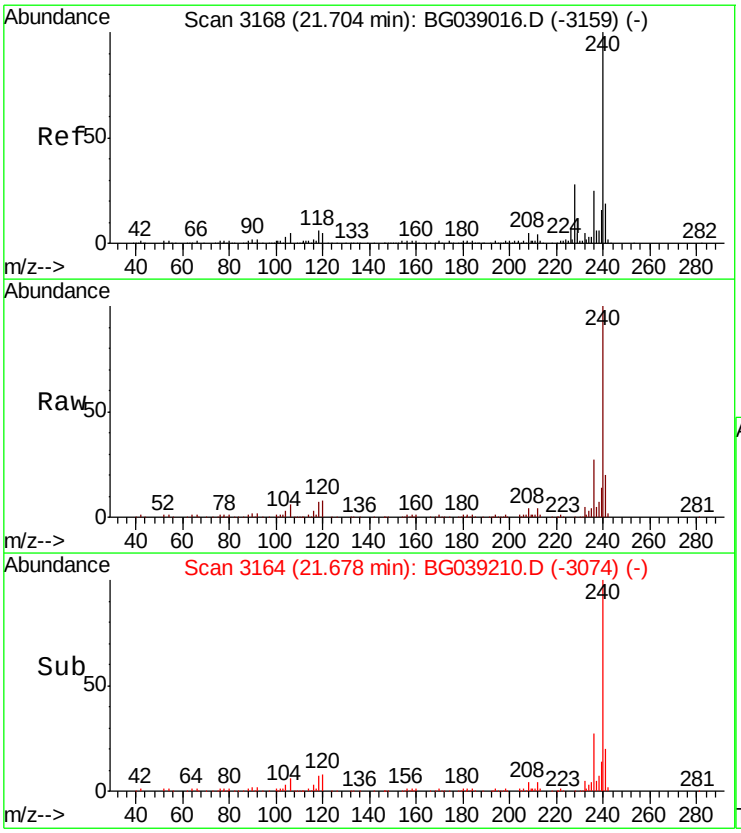
#67
4-Bromophenyl-phenylether
Concen: 3.357 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.44 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 8950

Ion	Ratio	Lower	Upper
248	100		
250	274.0	79.9	119.9#
141	540.1	52.7	79.1#

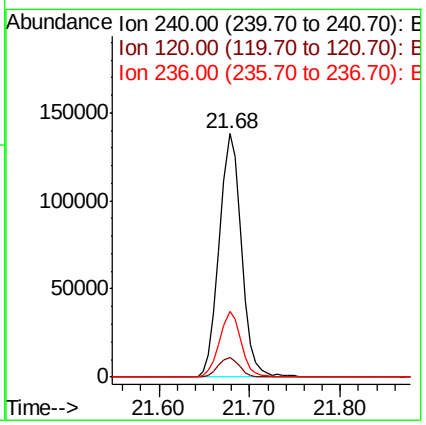


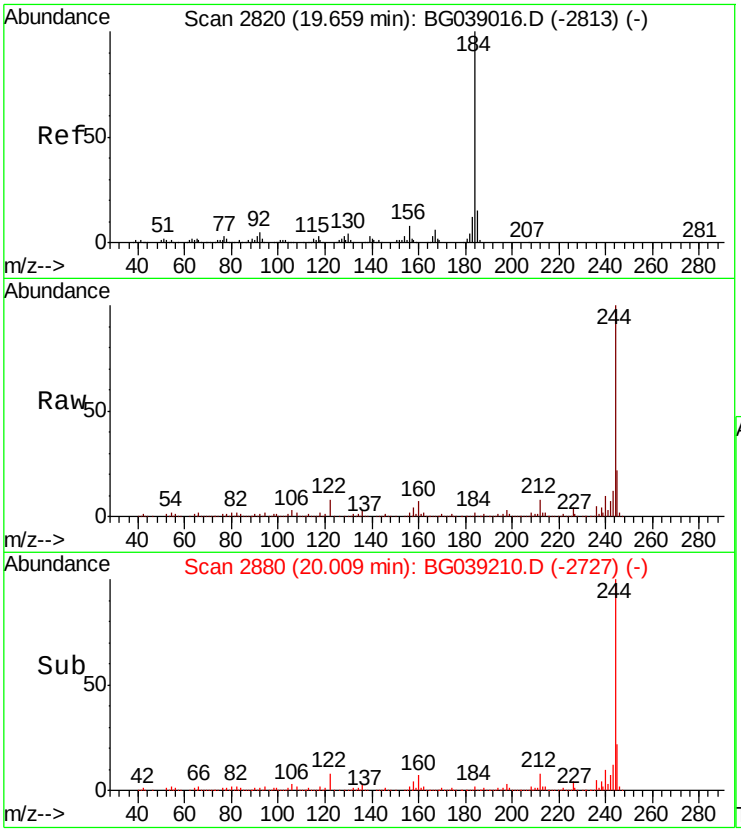


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Tgt Ion:240 Resp: 235888

Ion	Ratio	Lower	Upper
240	100		
120	8.0	4.3	6.5#
236	27.0	20.1	30.1



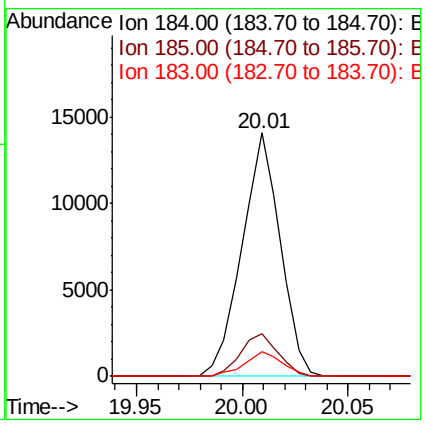


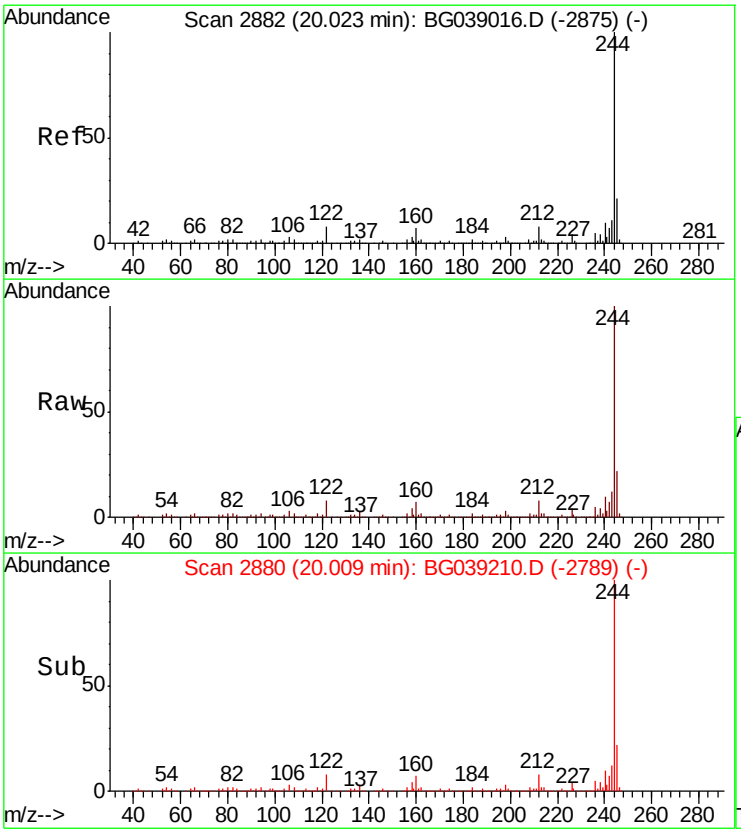
#77
Benzidine
Concen: 2.452 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.37 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17688

Ion	Ratio	Lower	Upper
184	100		
185	17.8	12.1	18.1
183	10.0	9.5	14.3

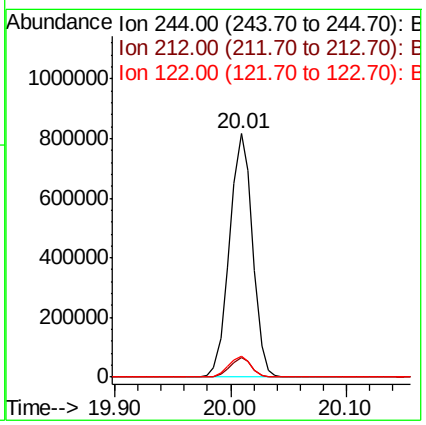


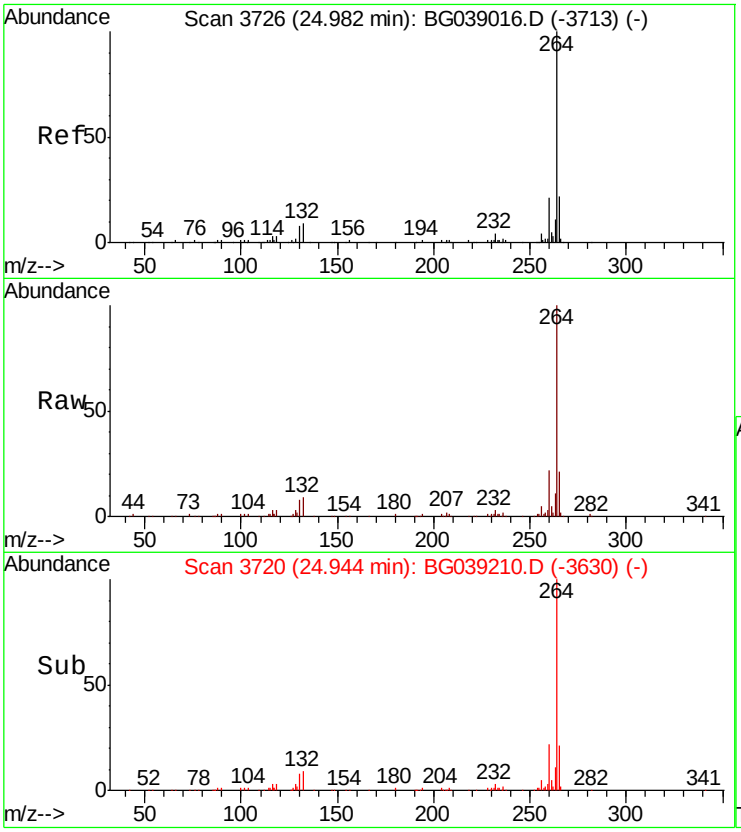


#79
Terphenyl-d14
Concen: 88.266 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Tgt Ion:244 Resp: 1125524

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	8.4	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3720
Delta R.T. -0.00 min
Lab File: BG039210.D
Acq: 18 Jan 2019 8:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 204977

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.0	25.6
265	21.4	17.2	25.8