Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039969.D
Acq On : 16 Mar 2019 9:48
Operator : JU/SJ
Sample : K1685-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-031419-A

Quant Time: Mar 18 01:08:35 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	8.15	152	46692	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	199639	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	135281	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	331474	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	331930	20.00	ng	-0.02
87) Perylene-d12	25.16	264	331903	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	314325	114.85	ng	-0.02
7) Phenol-d6	7.29	99	395774	96.98	ng	-0.02
23) Nitrobenzene-d5	9.33	82	362619	98.24	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	221687	140.59	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	821937	86.51	ng	-0.02
79) Terphenyl-d14	20.11	244	1366929	90.67	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	3579	2.832	ng	# 1
19) n-Nitroso-di-n-propylamine	9.33	70	47378	16.130	ng	# 69
51) 2,6-Dinitrotoluene	14.77	165	17590	7.335	ng	# 22
57) 2,4-Dinitrotoluene	14.77	165	17590	5.220	ng	# 17
67) 4-Bromophenyl-phenylether	16.26	248	16872	4.547	ng	# 1
77) Benzidine	20.11	184	25221	2.394	ng	# 93

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

Quantitation Report (Not Reviewed)

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Instrument :
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AU-05-031419-A

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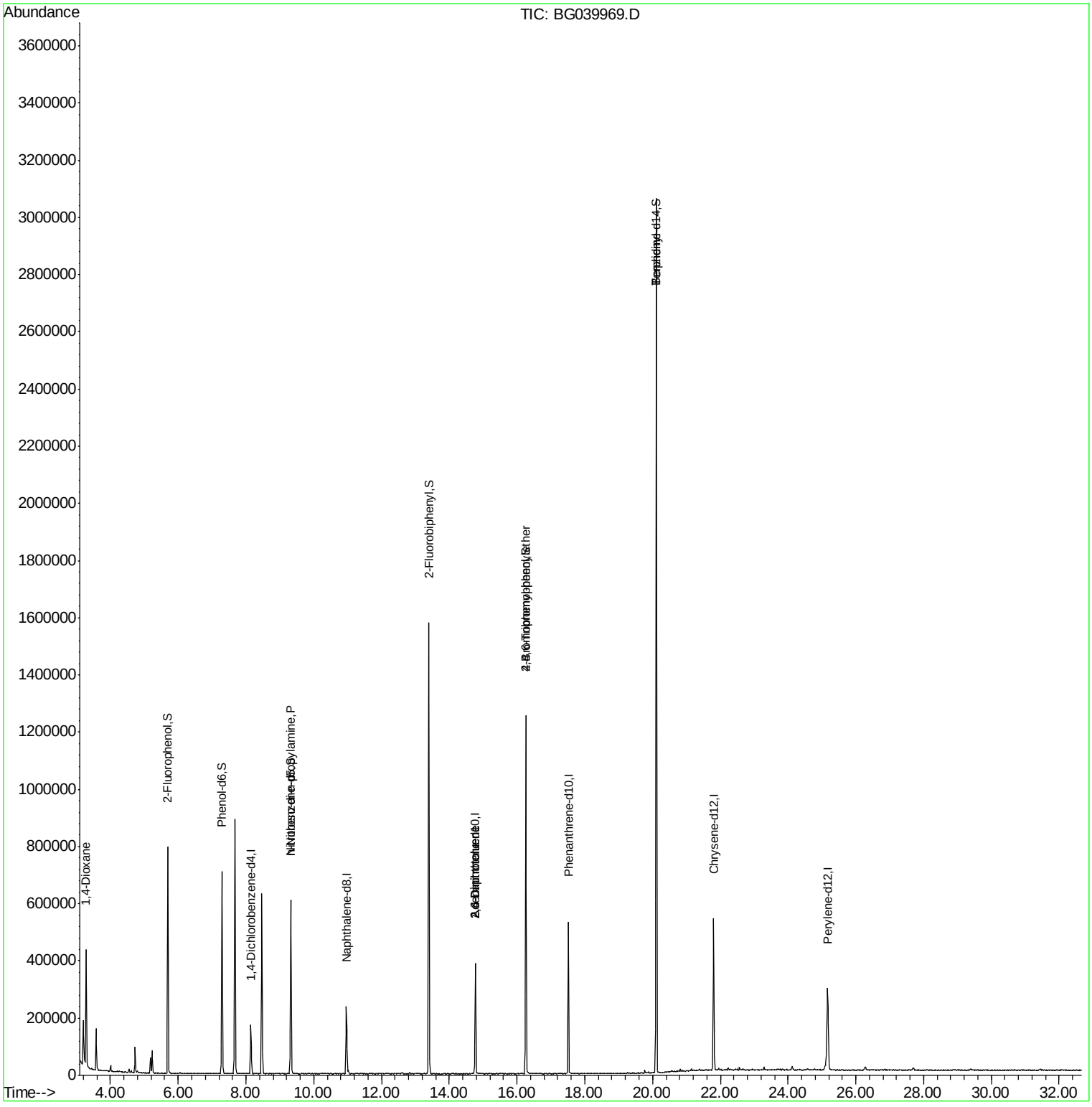
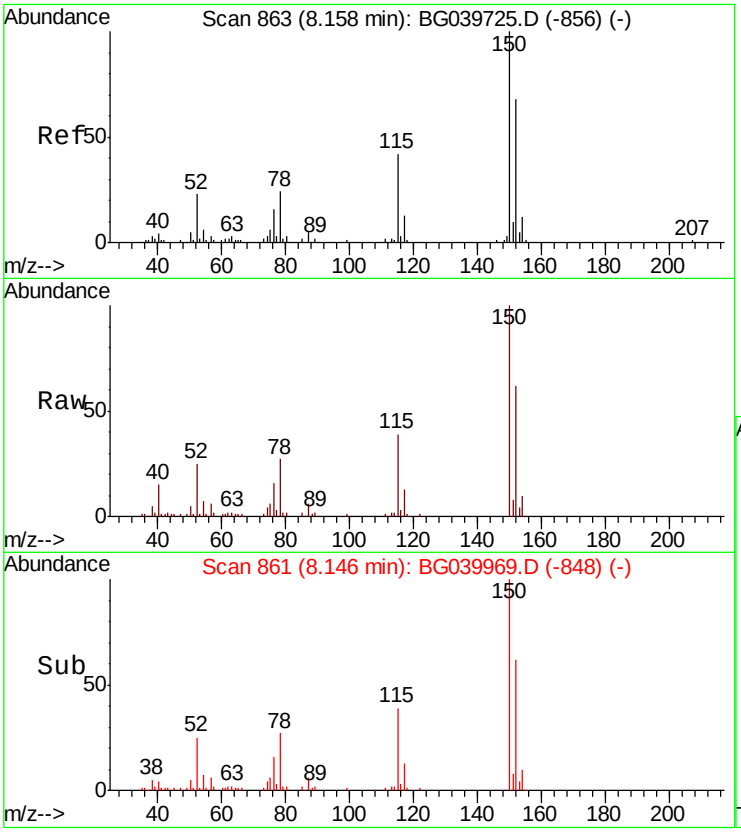


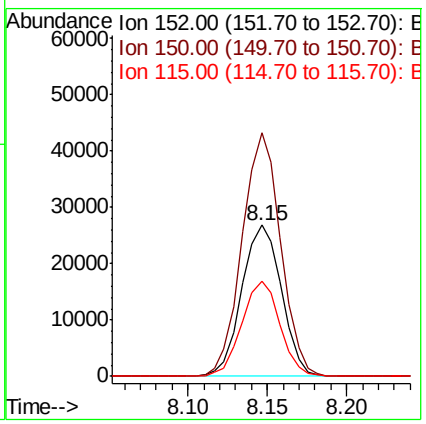


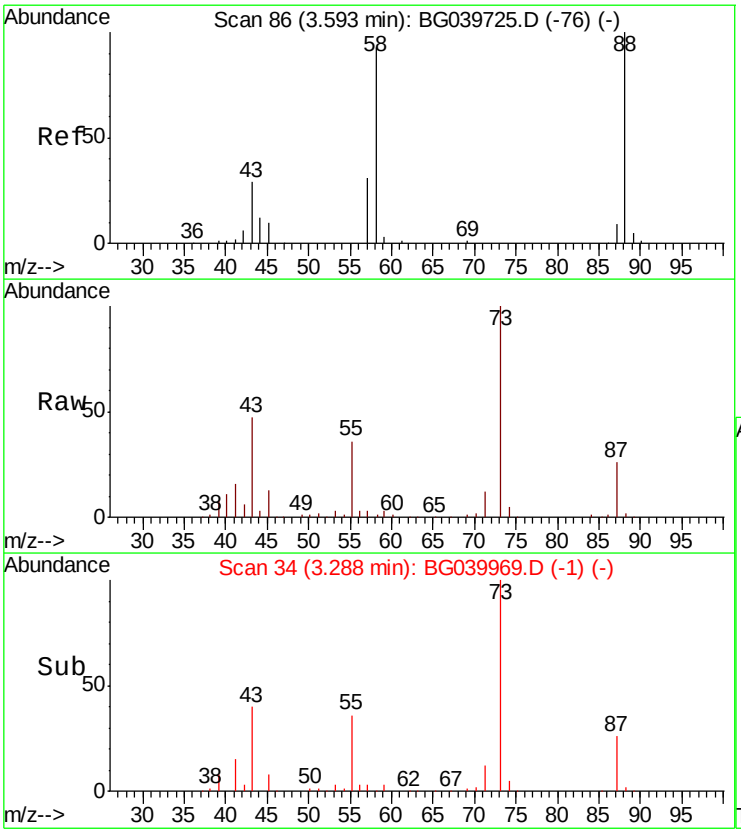
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

Tgt Ion:152 Resp: 46692

Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.7	185.5
115	62.7	45.9	68.9

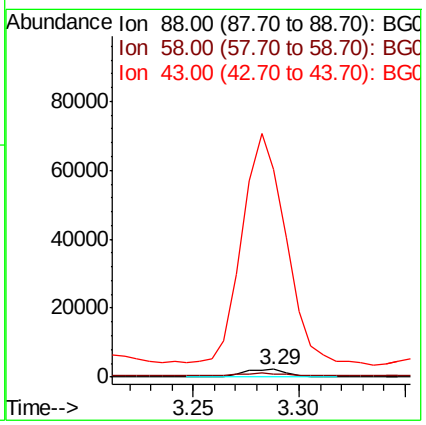


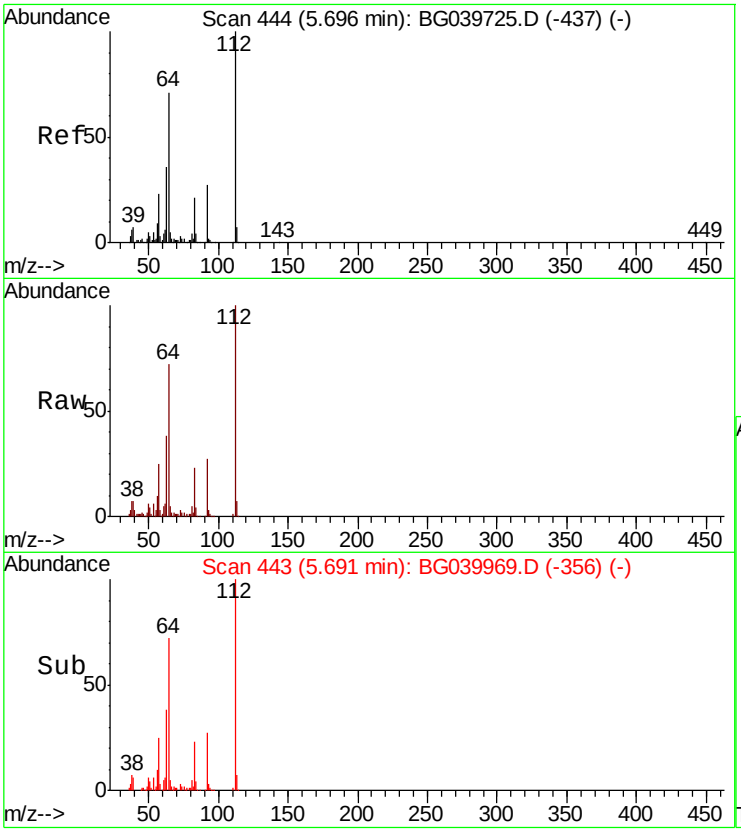


#2
1,4-Dioxane
Concen: 2.832 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.32 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Tgt Ion: 88 Resp: 3579

Ion	Ratio	Lower	Upper
88	100		
58	28.2	81.1	121.7#
43	2750.0	31.4	47.0#



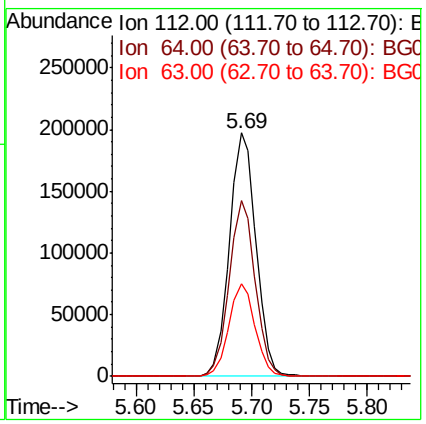


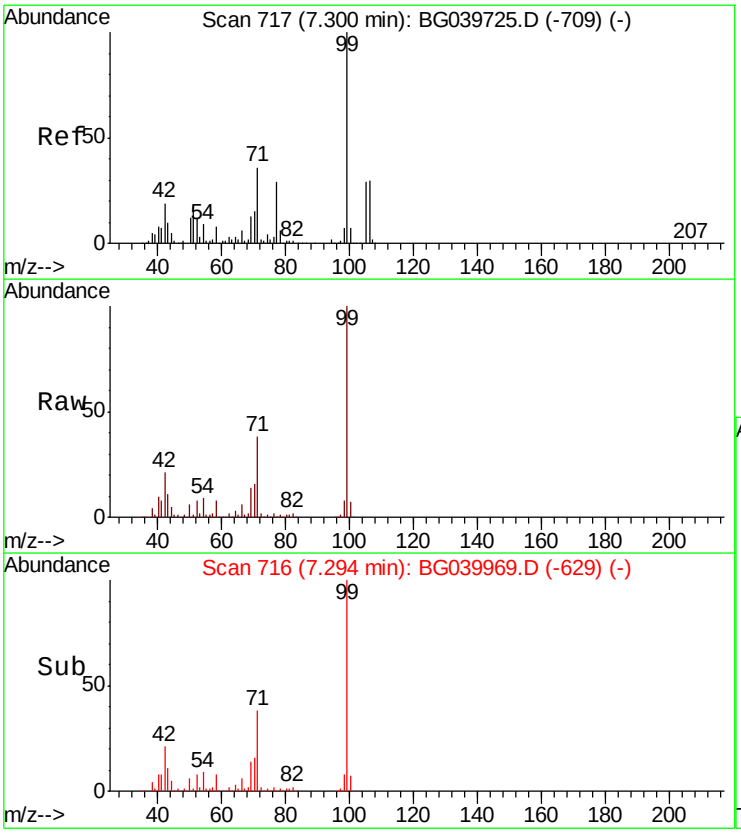
#5
2-Fluorophenol
Concen: 114.846 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

Tgt Ion:112 Resp: 314325

Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.8	86.8
63	38.3	29.8	44.6

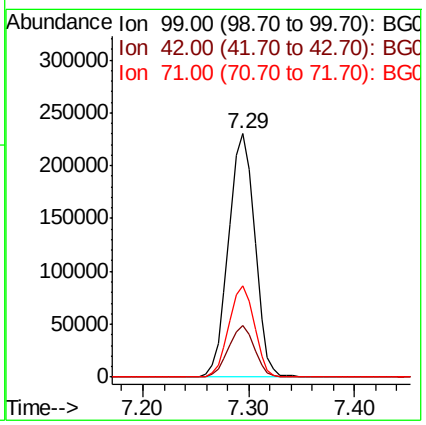


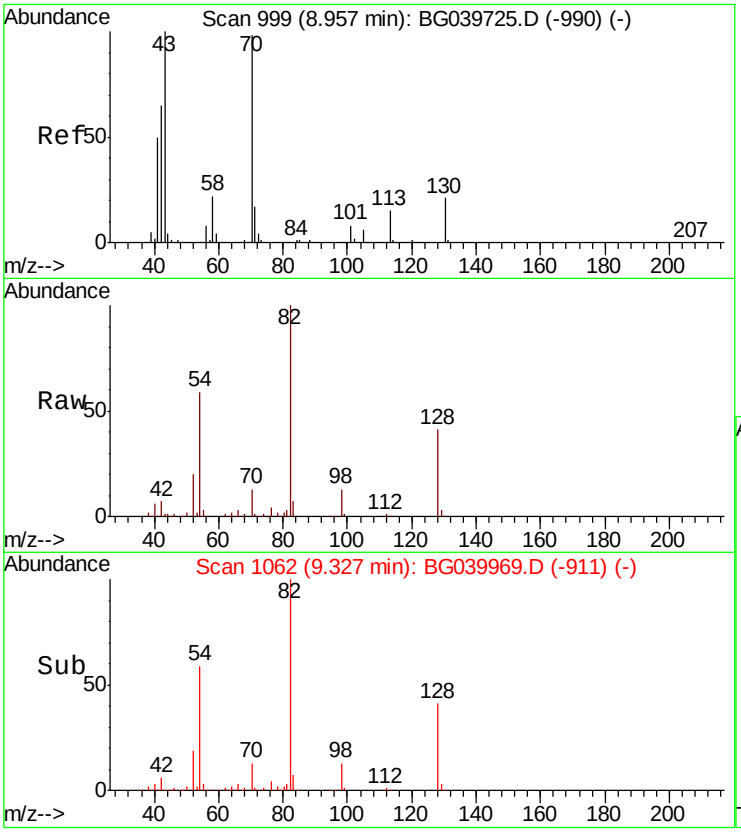


#7
Phenol-d6
Concen: 96.982 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Tgt Ion: 99 Resp: 395774

Ion	Ratio	Lower	Upper
99	100		
42	21.1	18.2	27.2
71	37.7	28.0	42.0



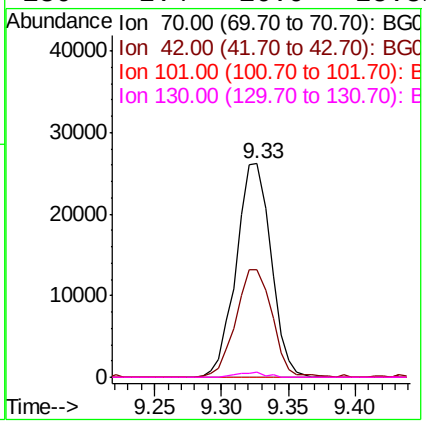


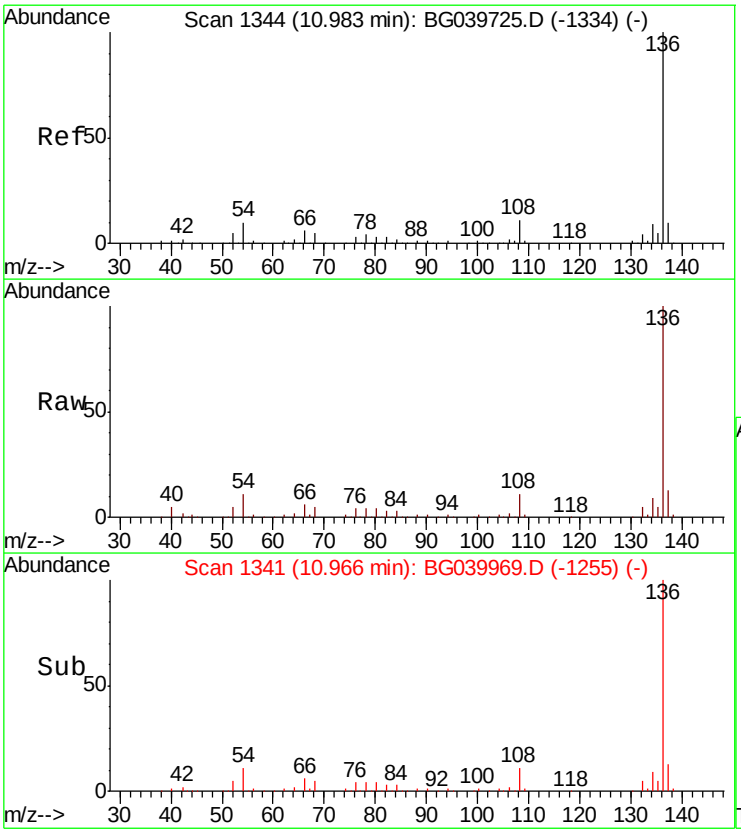
#19
n-Nitroso-di-n-propylamine
Concen: 16.130 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

Tgt Ion: 70 Resp: 47378

Ion	Ratio	Lower	Upper
70	100		
42	50.2	60.4	90.6#
101	0.0	7.5	11.3#
130	2.4	16.9	25.3#

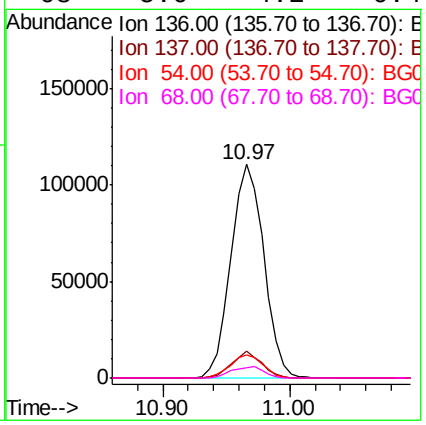


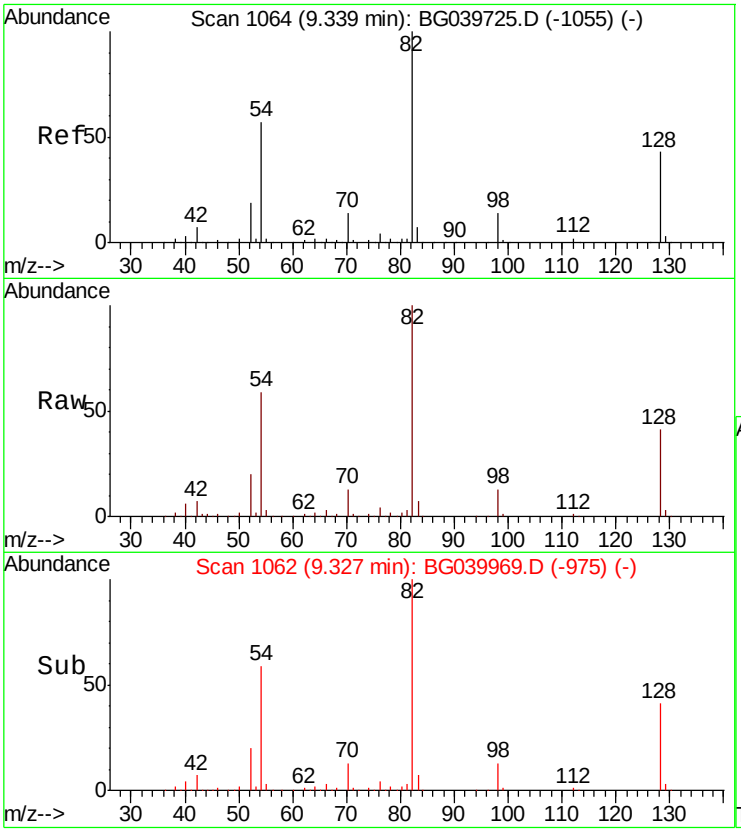


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Tgt Ion:136 Resp: 199639

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.1	13.7
54	10.7	9.4	14.2
68	5.0	4.2	6.4



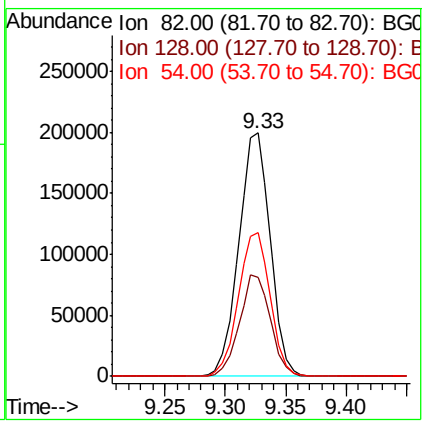


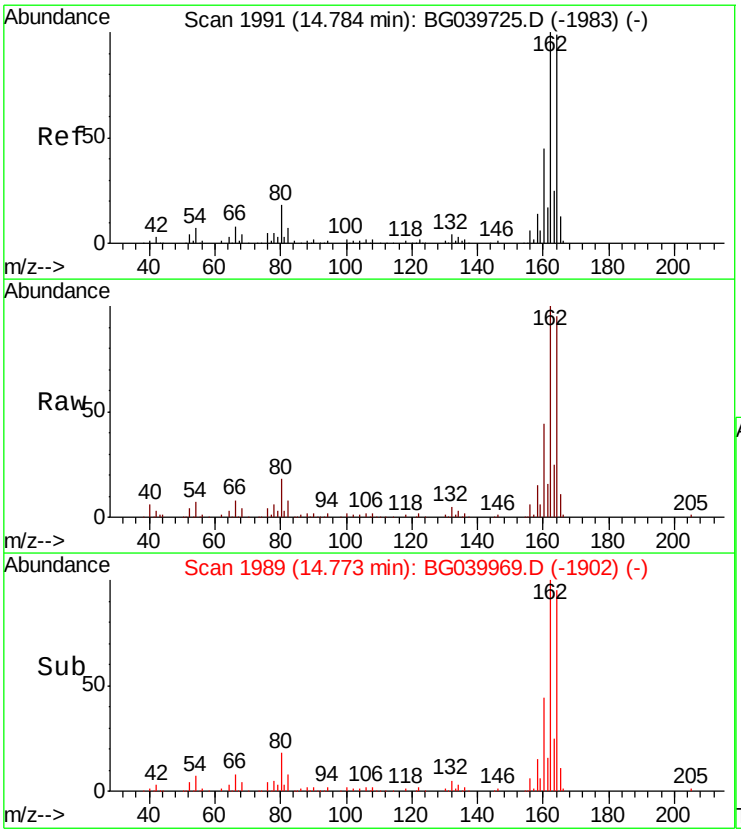
#23
Nitrobenzene-d5
Concen: 98.237 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

Tgt Ion: 82 Resp: 362619

Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.3	46.9
54	59.0	50.9	76.3

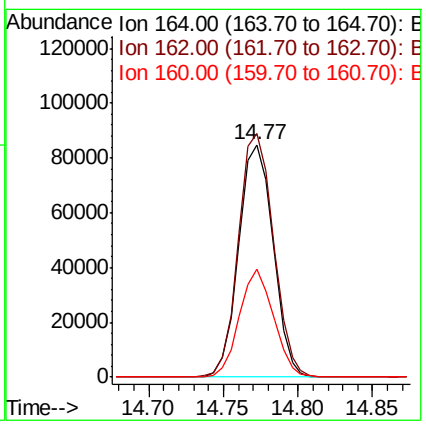


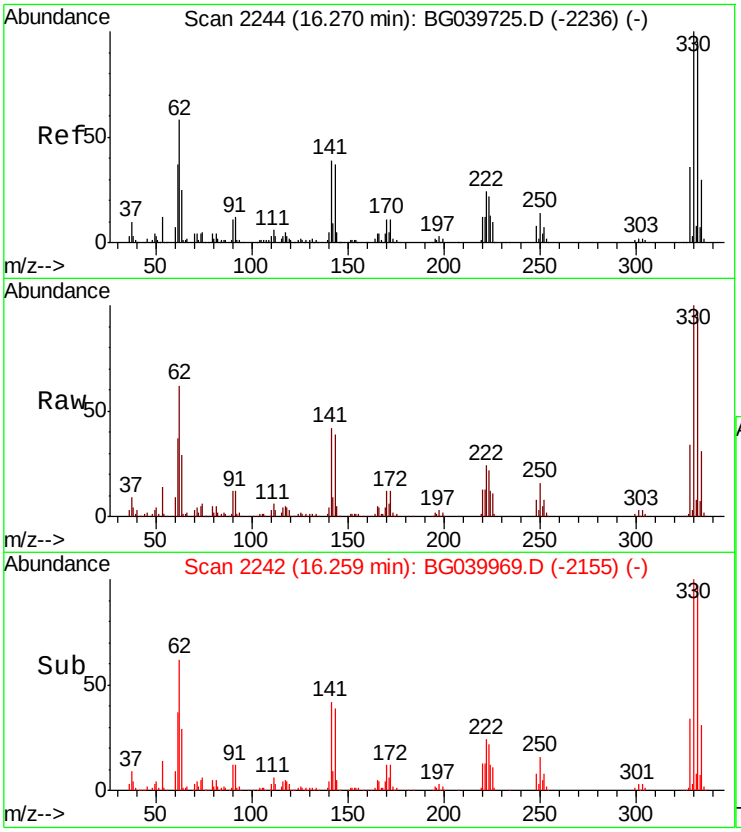


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Tgt Ion:164 Resp: 135281

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.6	122.4
160	46.6	34.2	51.2



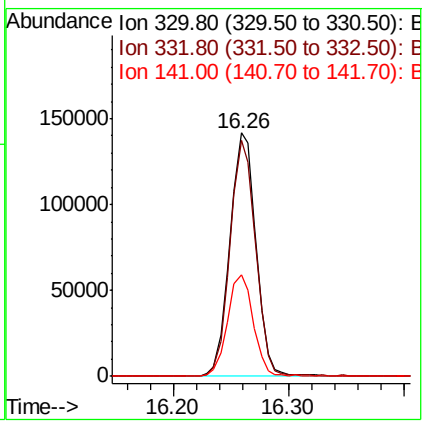


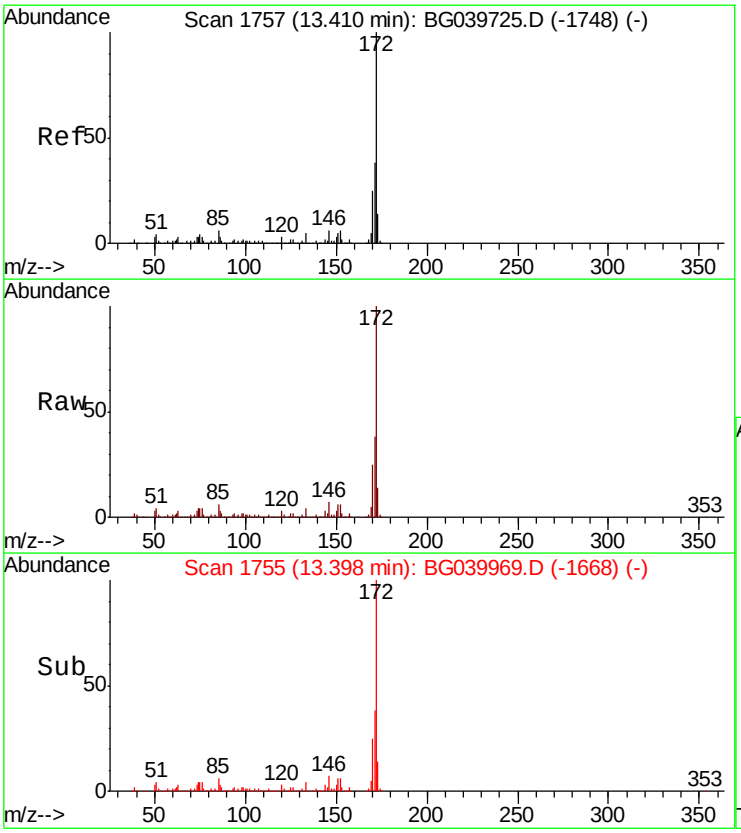
#42
2,4,6-Tribromophenol
Concen: 140.593 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

Tgt Ion:330 Resp: 221687

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	41.4	35.6	53.4

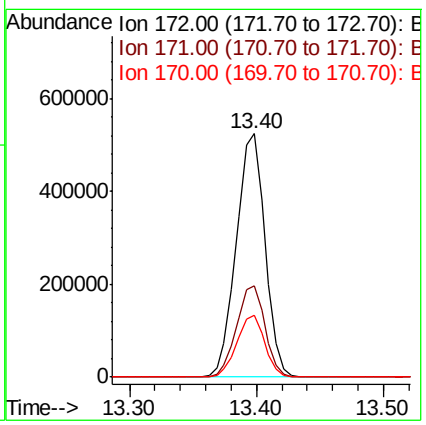


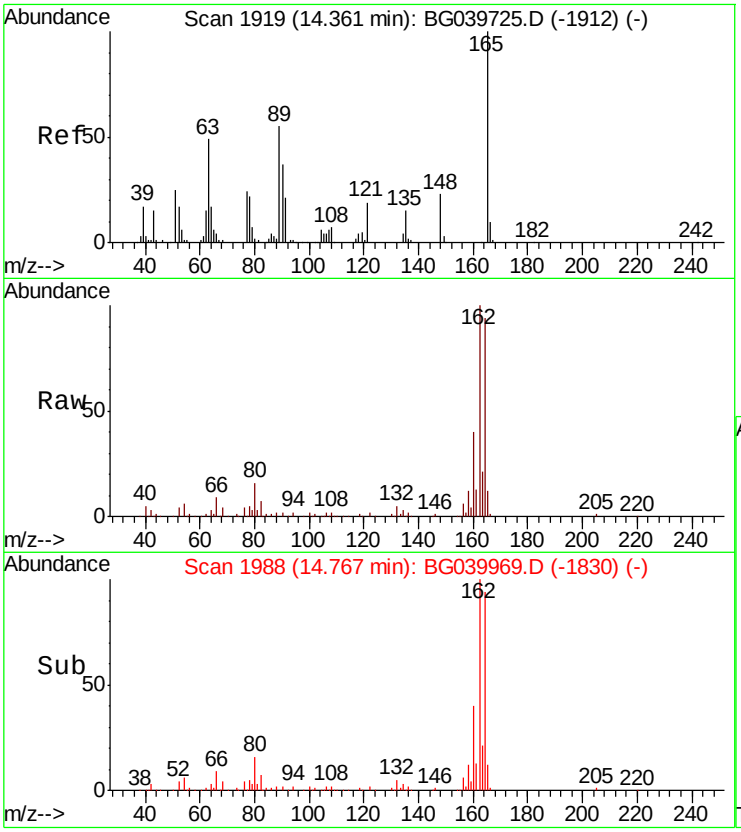


#45
2-Fluorobiphenyl
Concen: 86.509 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Tgt Ion:172 Resp: 821937

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.4	20.2	30.4



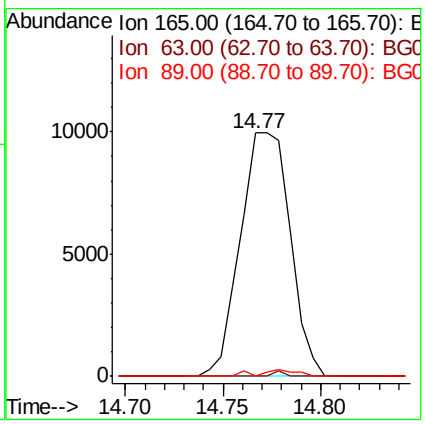


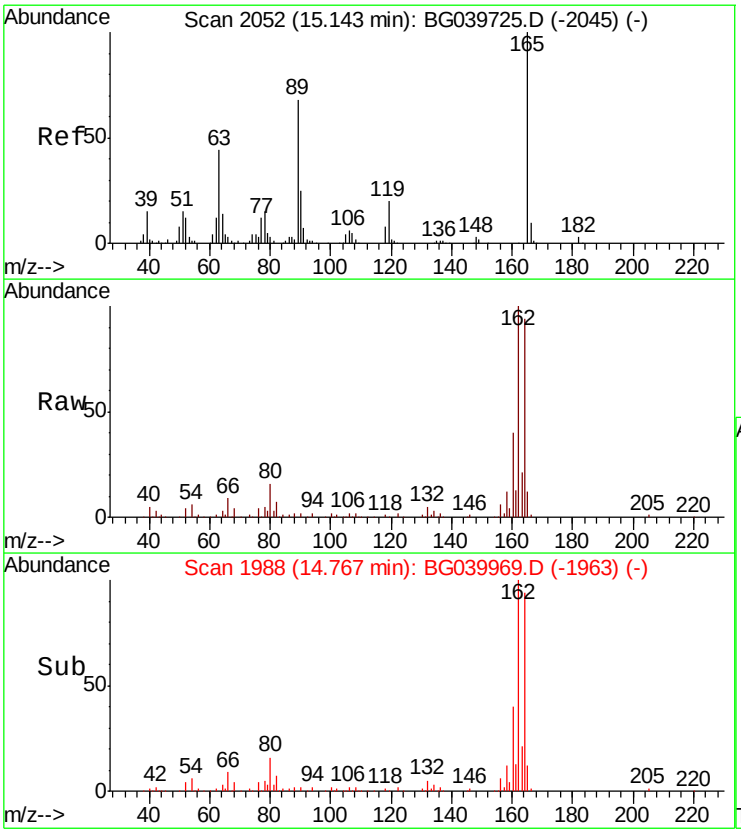
#51
2,6-Dinitrotoluene
Concen: 7.335 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

Tgt Ion:165 Resp: 17590

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

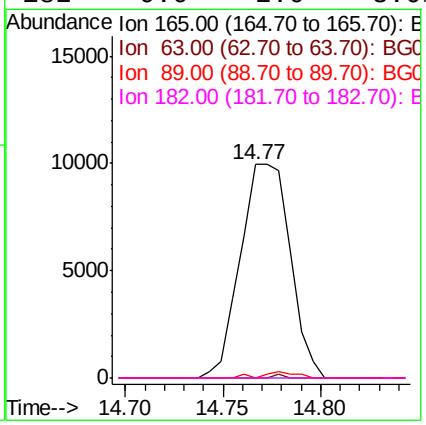


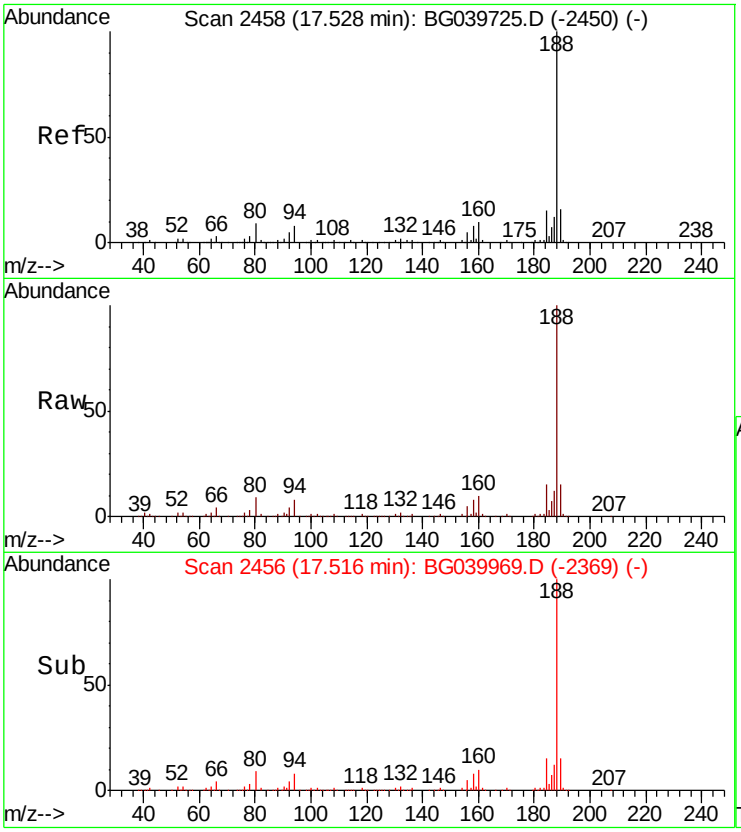


#57
2,4-Dinitrotoluene
Concen: 5.220 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Tgt Ion:165 Resp: 17590

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#



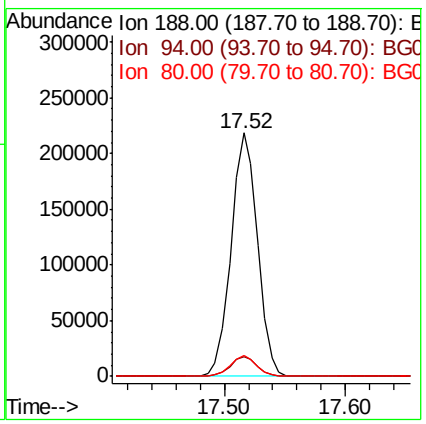


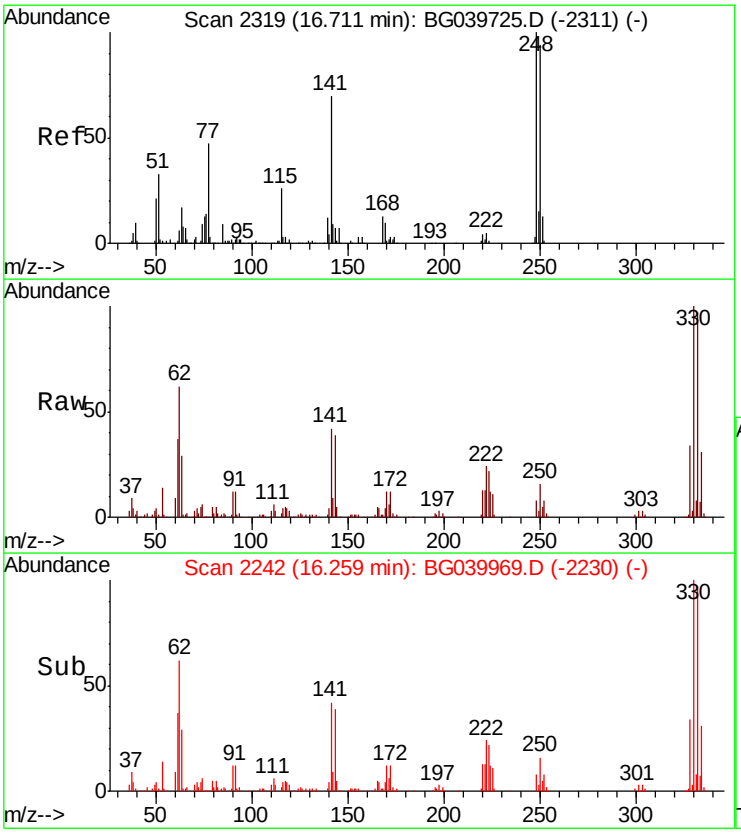
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

Tgt Ion:188 Resp: 331474

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.5	8.1	12.1

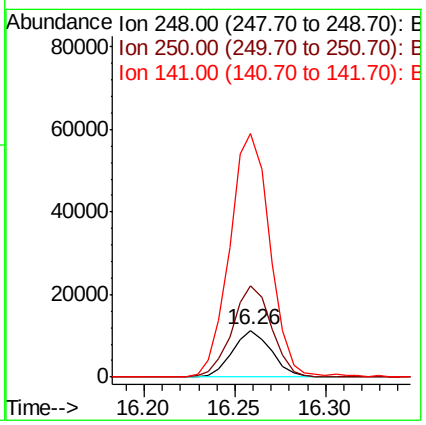


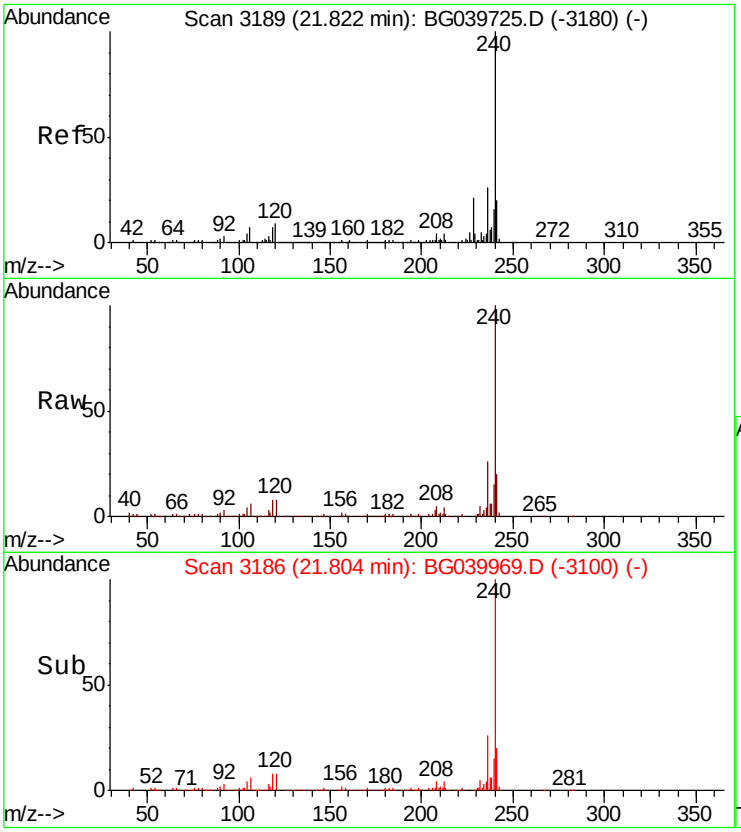


#67
4-Bromophenyl-phenylether
Concen: 4.547 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Tgt Ion:248 Resp: 16872

Ion	Ratio	Lower	Upper
248	100		
250	193.1	77.6	116.4#
141	517.7	63.9	95.9#



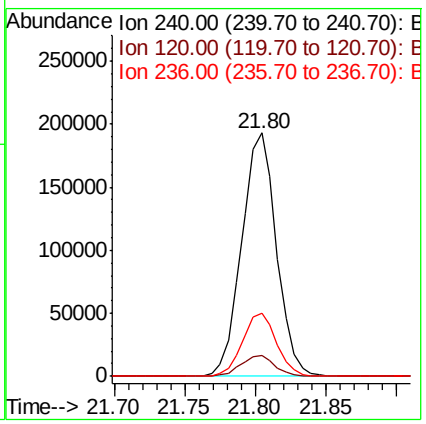


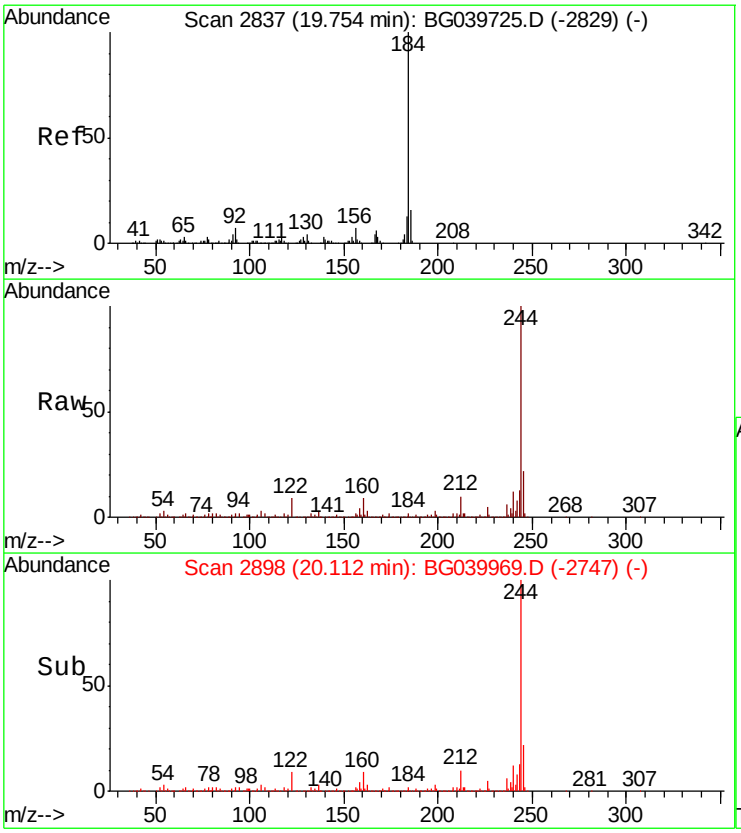
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

Tgt Ion:240 Resp: 331930

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	26.0	21.0	31.4

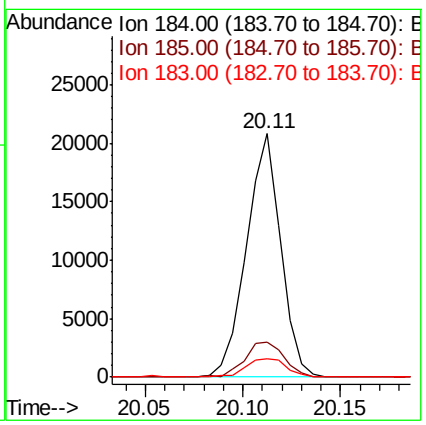


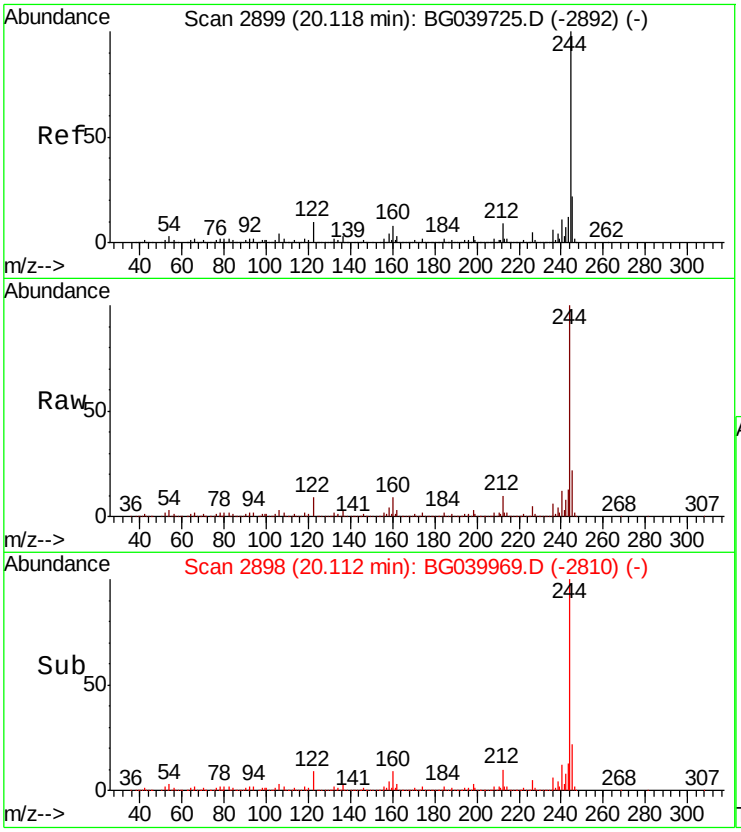


#77
Benzidine
Concen: 2.394 ng
RT: 20.11 min Scan# 2898
Delta R.T. 0.36 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Tgt Ion:184 Resp: 25221

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.2
183	7.6	10.6	15.8#



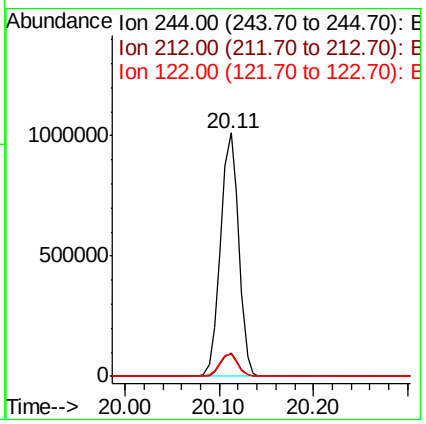


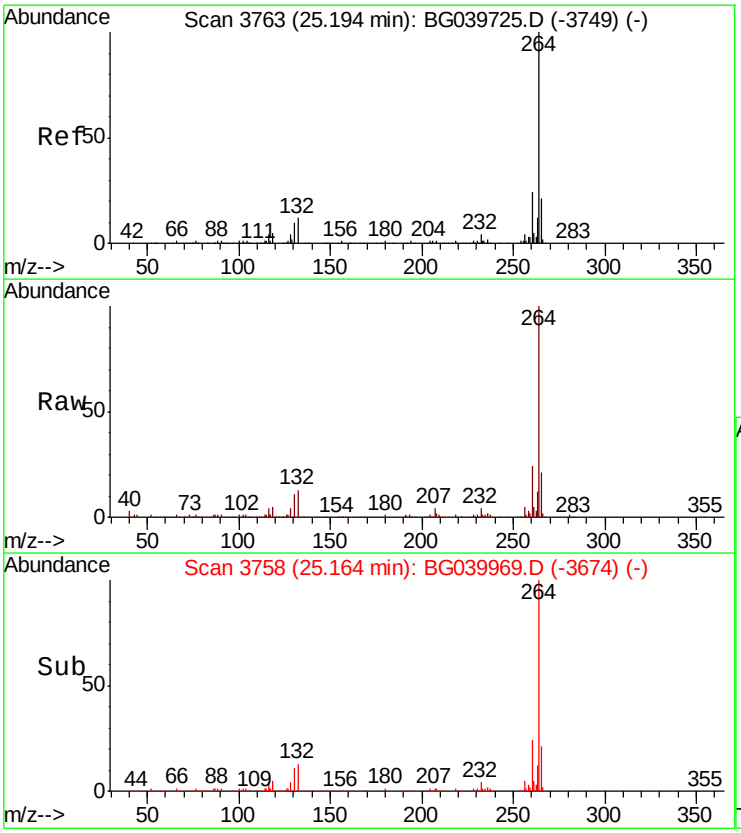
#79
Terphenyl-d14
Concen: 90.673 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-A

Tgt Ion:244 Resp: 1366929

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	9.2	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG039969.D
Acq: 16 Mar 2019 9:48

Tgt Ion:264 Resp: 331903

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.1	18.5	27.7