Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
Data File : BG039857.D
Acq On : 12 Mar 2019 2:22
Operator : JU/SJ
Sample : K1693-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-01-030719-A

Quant Time: Mar 12 03:40:01 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	42808	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	173554	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	119446	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	314719	20.00	ng	0.00
76) Chrysene-d12	21.81	240	346270	20.00	ng	-0.02
87) Perylene-d12	25.18	264	332667	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	320287	127.64	ng	0.00
7) Phenol-d6	7.30	99	418936	111.97	ng	-0.01
23) Nitrobenzene-d5	9.33	82	304181	94.79	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	200094	143.72	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	741183	88.35	ng	-0.01
79) Terphenyl-d14	20.12	244	1361755	86.59	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.33	70	39276	14.584	ng	# 66
32) Benzoic acid	10.44	122	55	6.626	ng	# 1
51) 2,6-Dinitrotoluene	14.78	165	14997	7.083	ng	# 25
57) 2,4-Dinitrotoluene	14.78	165	14997	5.041	ng	# 20
67) 4-Bromophenyl-phenylether	16.26	248	15539	4.411	ng	# 1
77) Benzidine	20.12	184	24272	2.209	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
Data File : BG039857.D
Acq On : 12 Mar 2019 2:22
Operator : JU/SJ
Sample : K1693-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-A

Quant Time: Mar 12 03:40:01 2019
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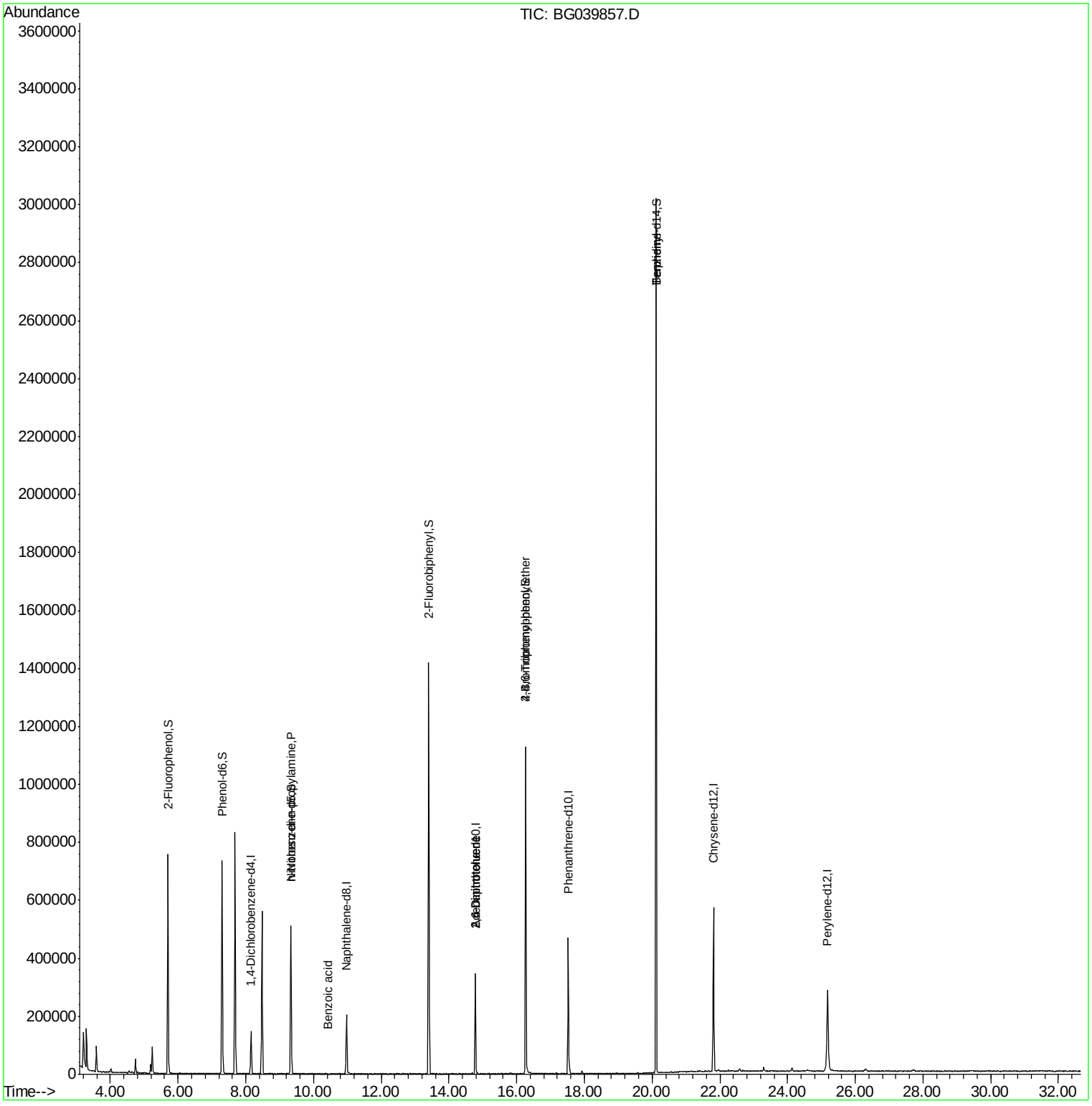
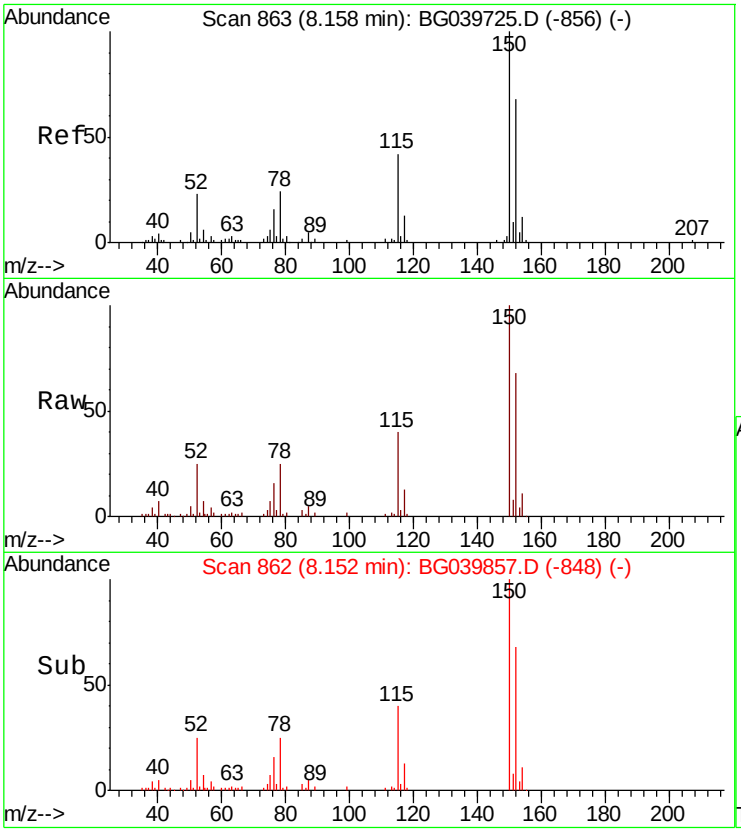
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration



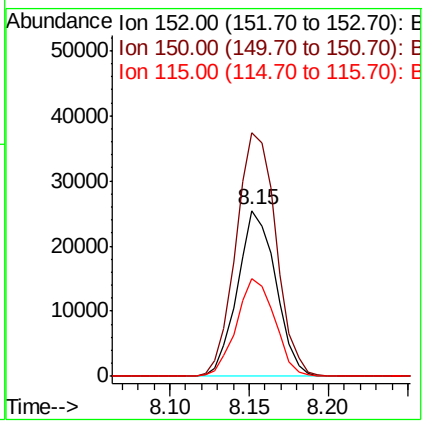


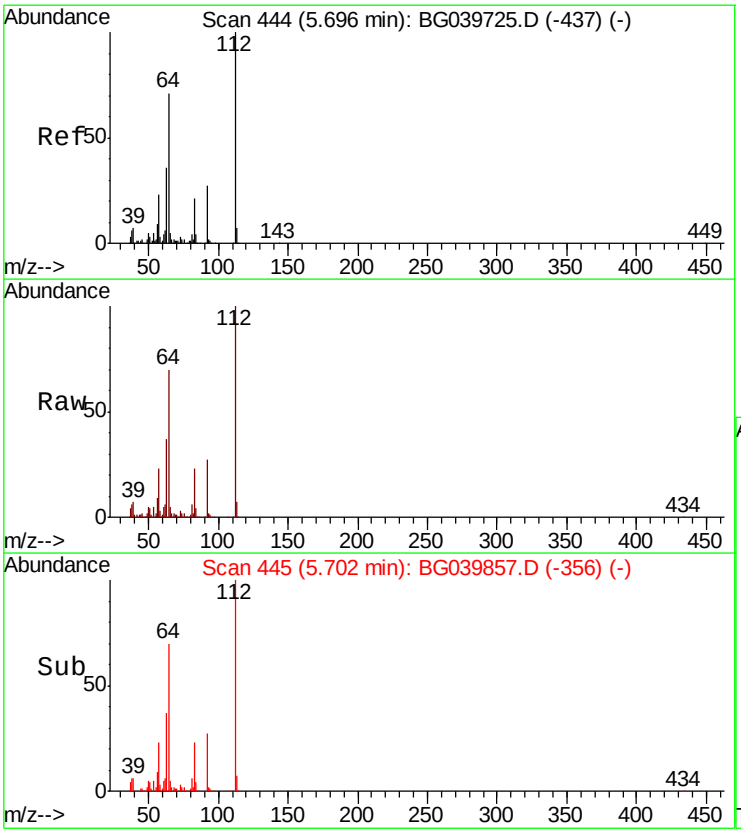
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-A

Tgt Ion:152 Resp: 42808

Ion	Ratio	Lower	Upper
152	100		
150	146.7	123.7	185.5
115	58.8	45.9	68.9

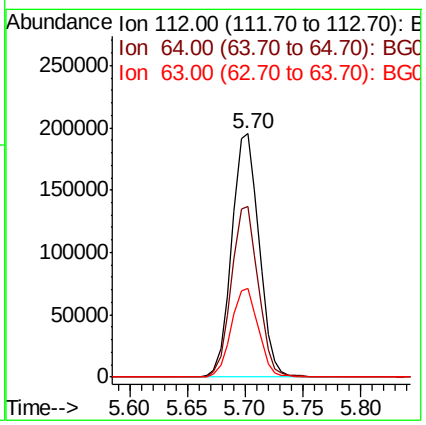


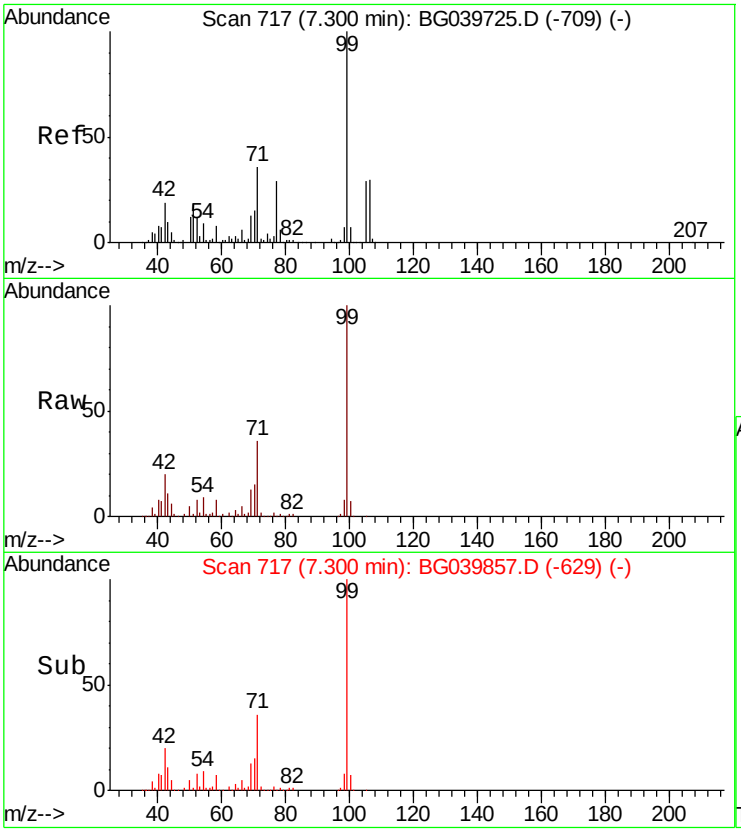


#5
2-Fluorophenol
Concen: 127.643 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Tgt Ion:112 Resp: 320287

Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.8	86.8
63	36.6	29.8	44.6



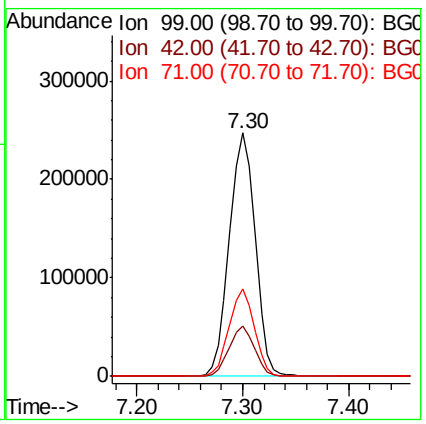


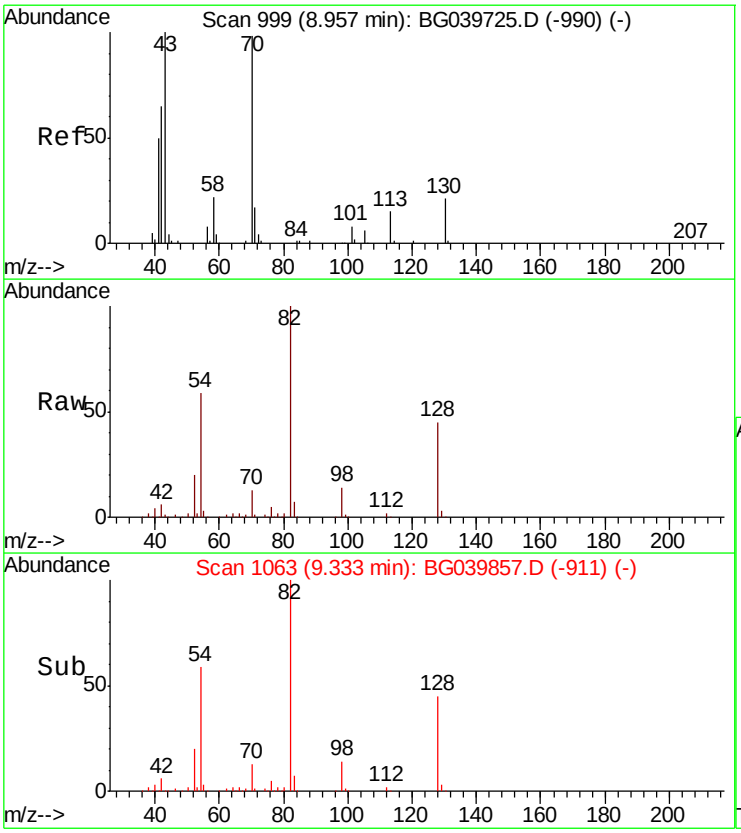
#7
Phenol-d6
Concen: 111.972 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-A

Tgt Ion: 99 Resp: 418936

Ion	Ratio	Lower	Upper
99	100		
42	20.5	18.2	27.2
71	35.9	28.0	42.0

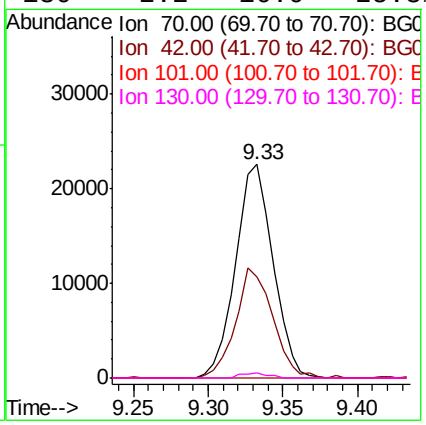


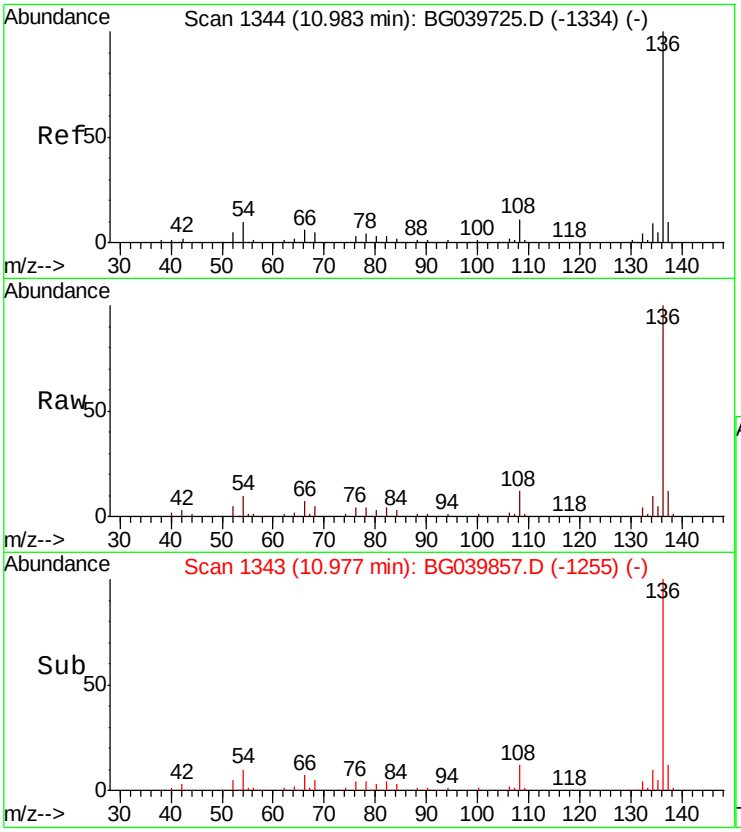


#19
n-Nitroso-di-n-propylamine
Concen: 14.584 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Tgt Ion: 70 Resp: 39276

Ion	Ratio	Lower	Upper
70	100		
42	47.4	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#



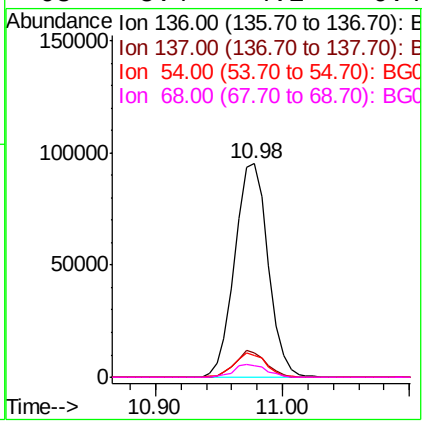


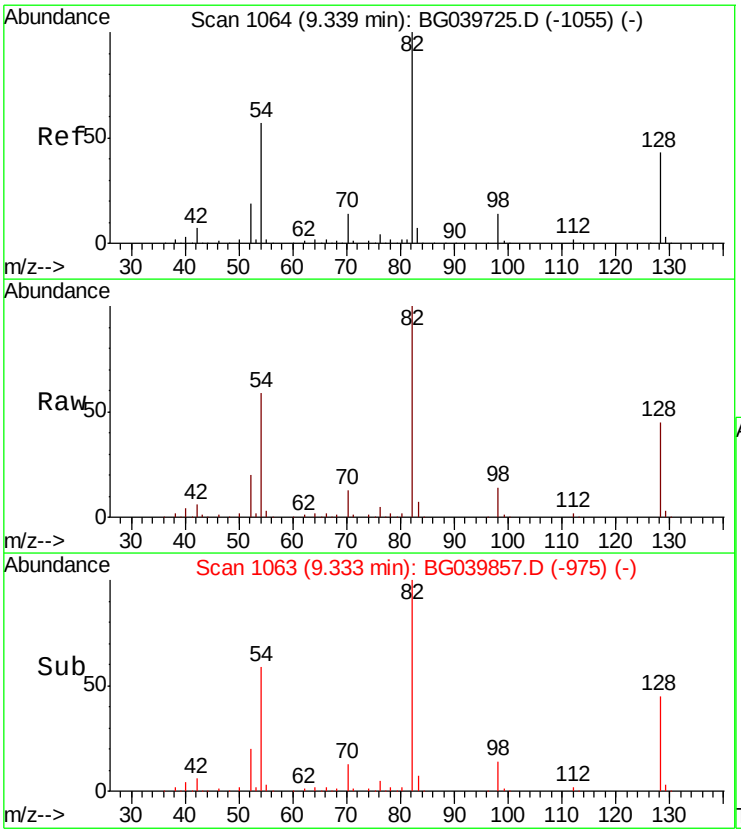
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Instrument : BNA_G
ClientSampleId : OR-01-030719-A

Tgt Ion:136 Resp: 173554

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.2	9.4	14.2
68	5.4	4.2	6.4

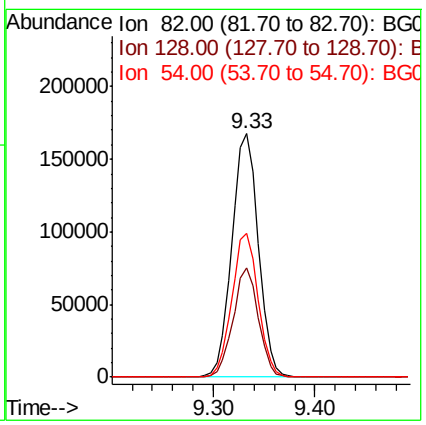


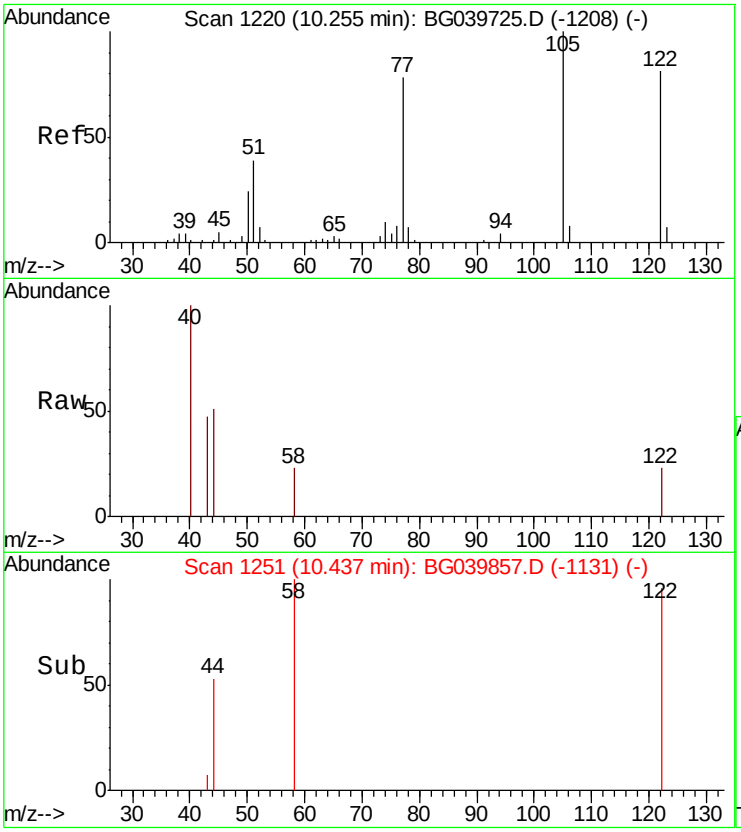


#23
Nitrobenzene-d5
Concen: 94.791 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Tgt Ion: 82 Resp: 304181

Ion	Ratio	Lower	Upper
82	100		
128	45.1	31.3	46.9
54	59.2	50.9	76.3



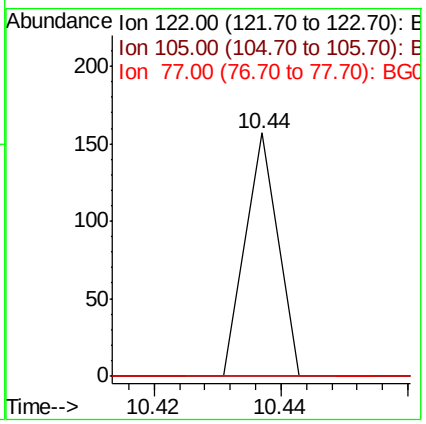


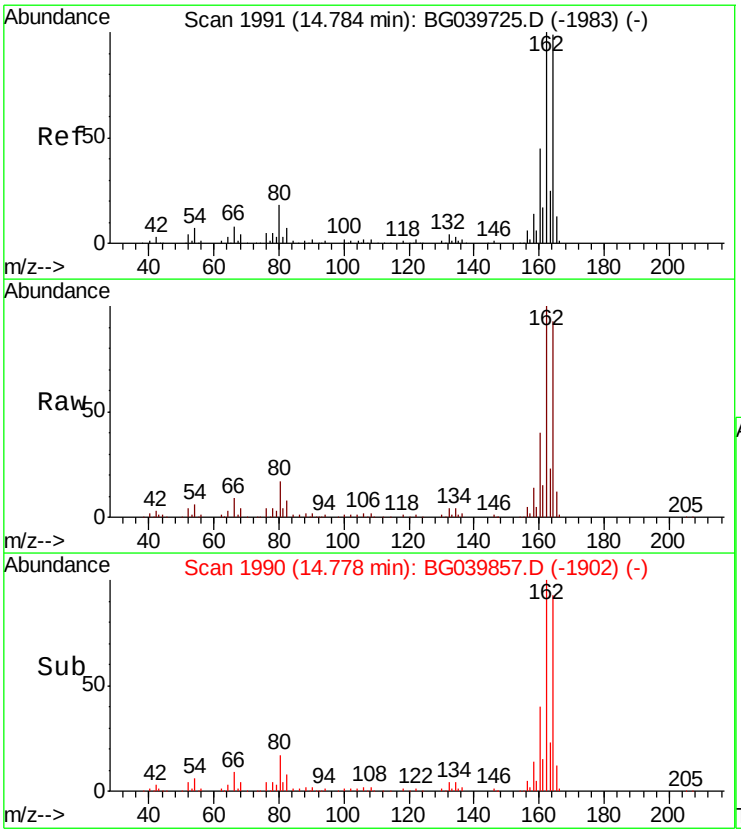
#32
Benzoic acid
Concen: 6.626 ng
RT: 10.44 min Scan# 1251
Delta R.T. 0.18 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-A

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

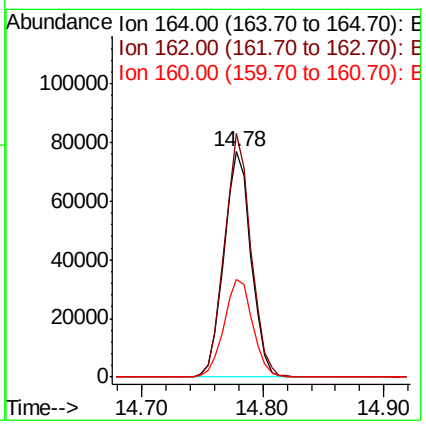


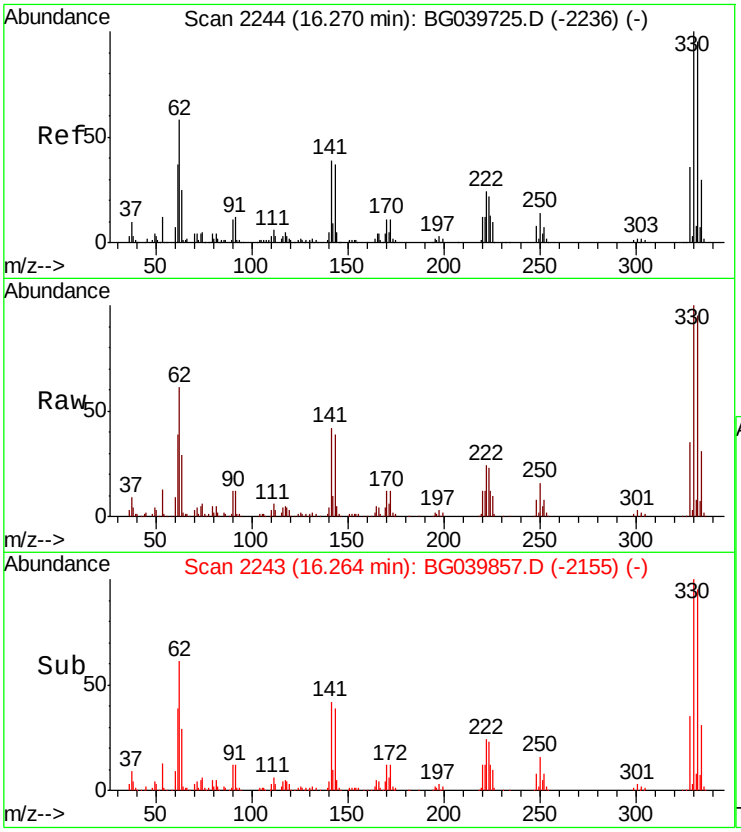


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Tgt Ion:164 Resp: 119446

Ion	Ratio	Lower	Upper
164	100		
162	108.1	81.6	122.4
160	43.1	34.2	51.2



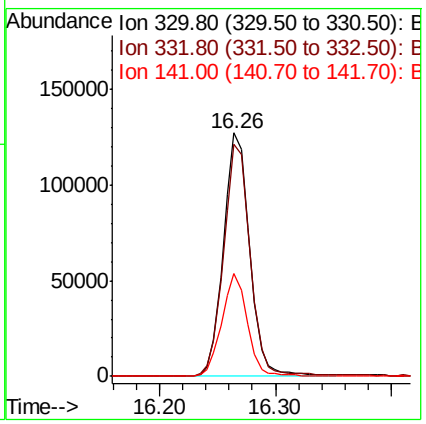


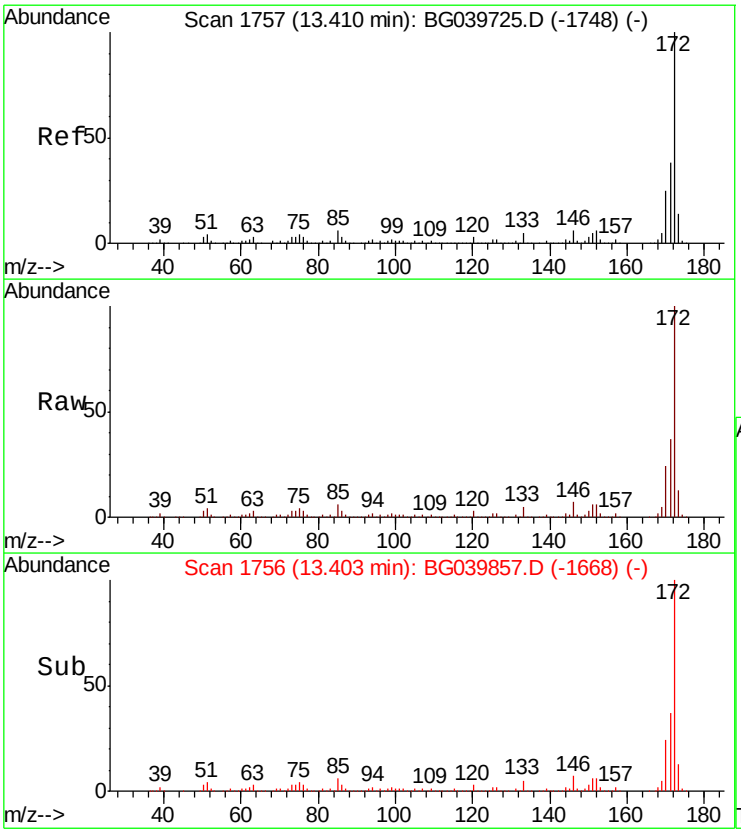
#42
2,4,6-Tribromophenol
Concen: 143.722 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-A

Tgt Ion:330 Resp: 200094

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	41.1	35.6	53.4

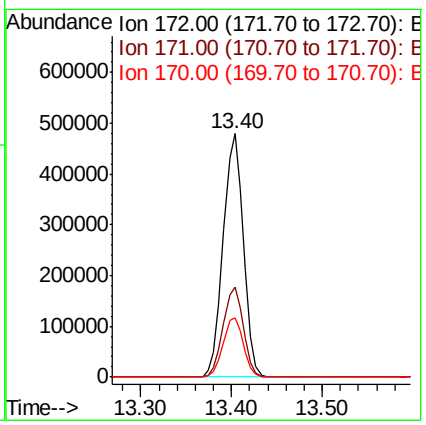


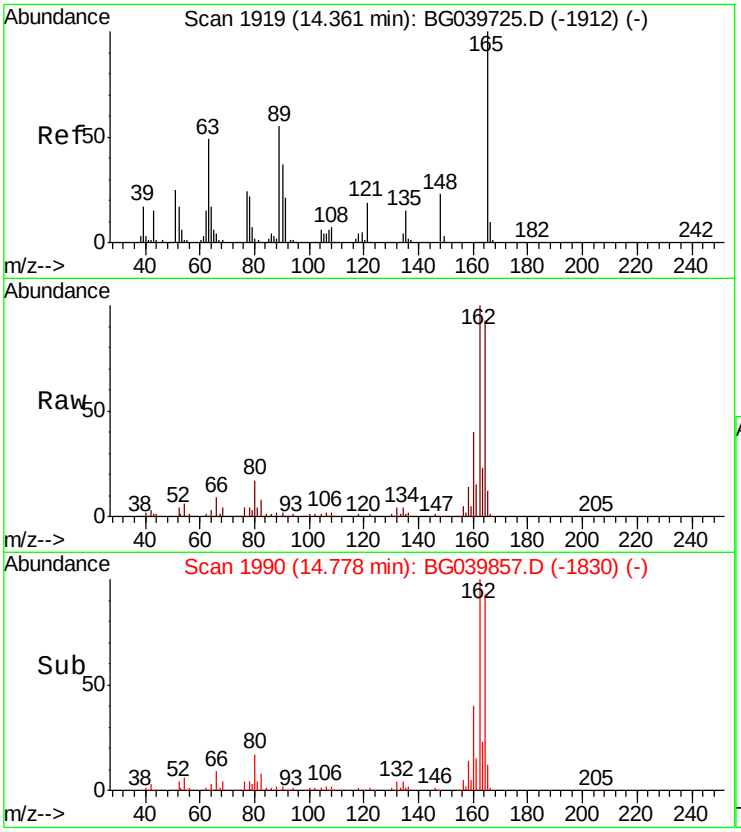


#45
2-Fluorobiphenyl
Concen: 88.351 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Tgt Ion:172 Resp: 741183

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.2	20.2	30.4



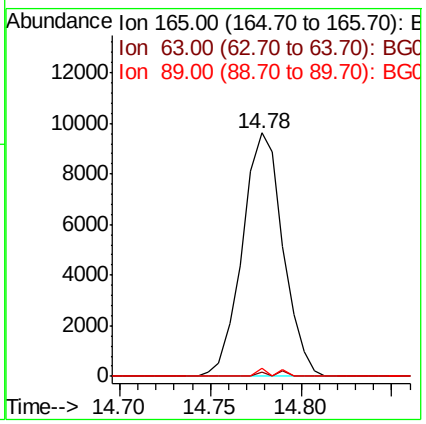


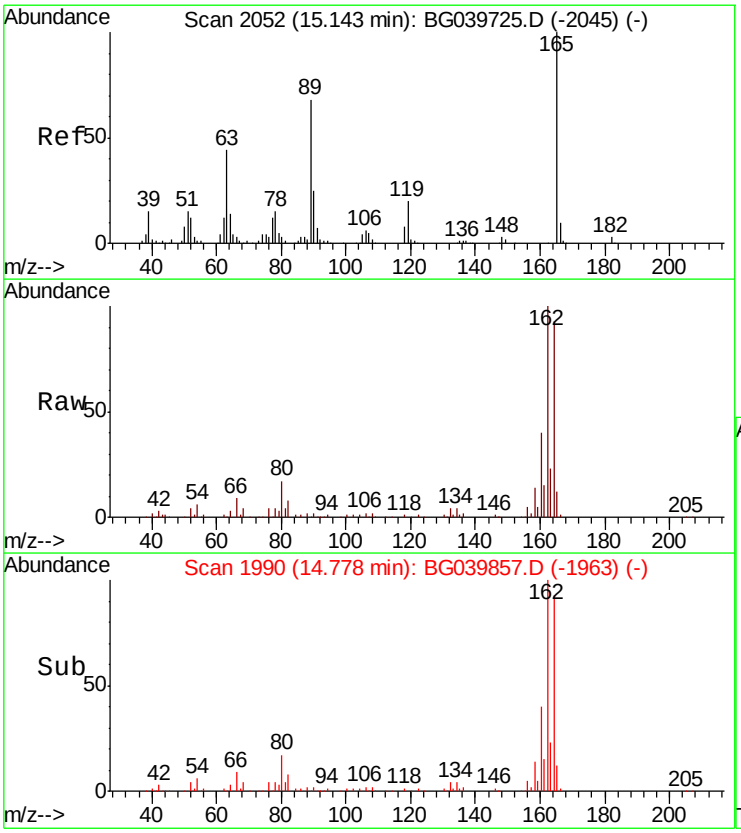
#51
2,6-Dinitrotoluene
Concen: 7.083 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-A

Tgt Ion:165 Resp: 14997

Ion	Ratio	Lower	Upper
165	100		
63	1.7	47.0	70.6#
89	3.3	45.8	68.8#

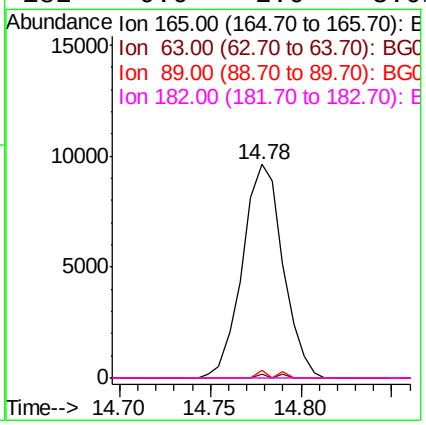


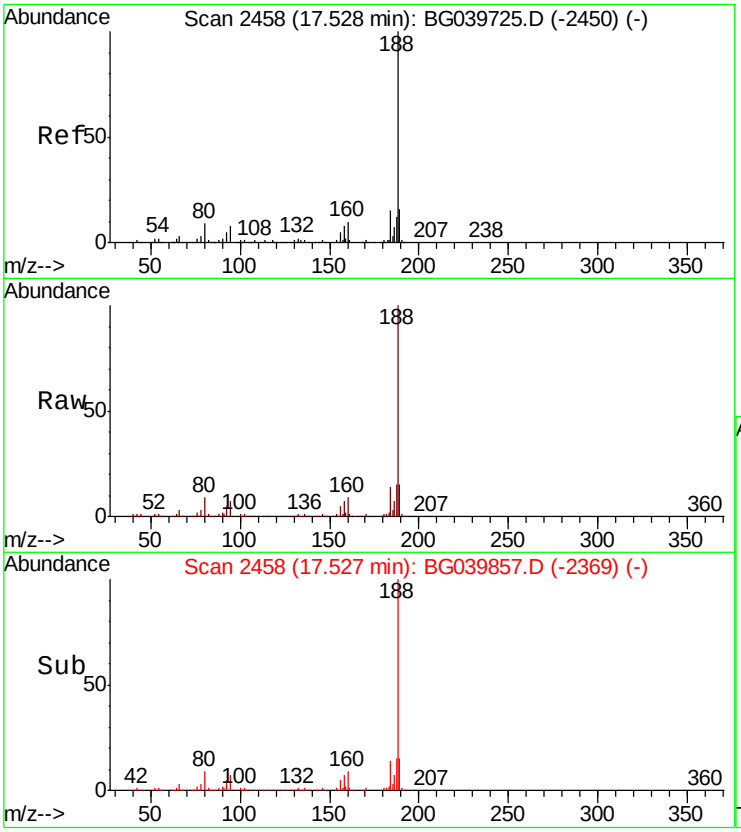


#57
2,4-Dinitrotoluene
Concen: 5.041 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Tgt Ion:165 Resp: 14997

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.0	61.6#
89	3.3	64.6	96.8#
182	0.0	2.0	3.0#



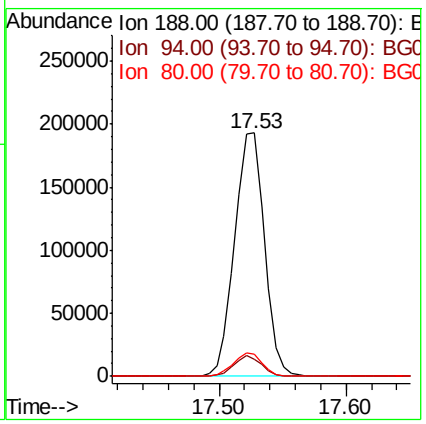


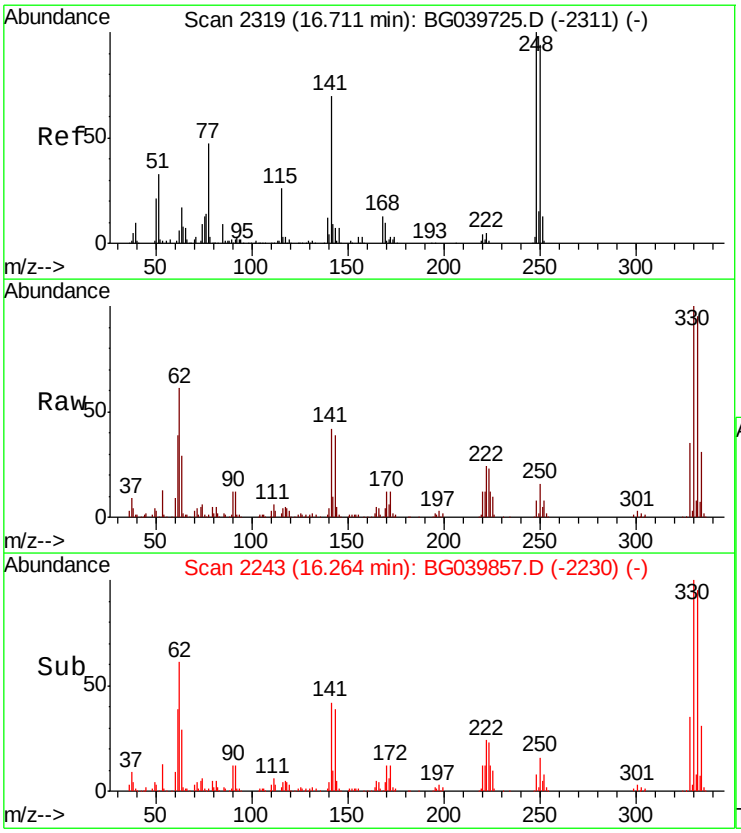
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-A

Tgt Ion:188 Resp: 314719

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	9.3	8.1	12.1

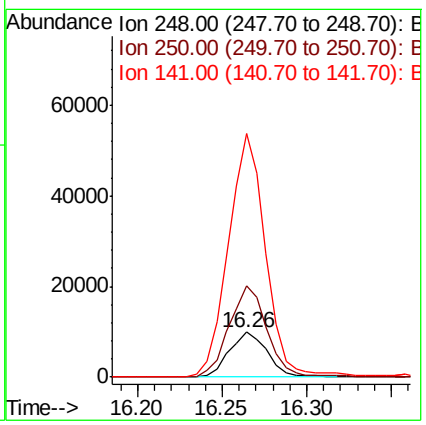


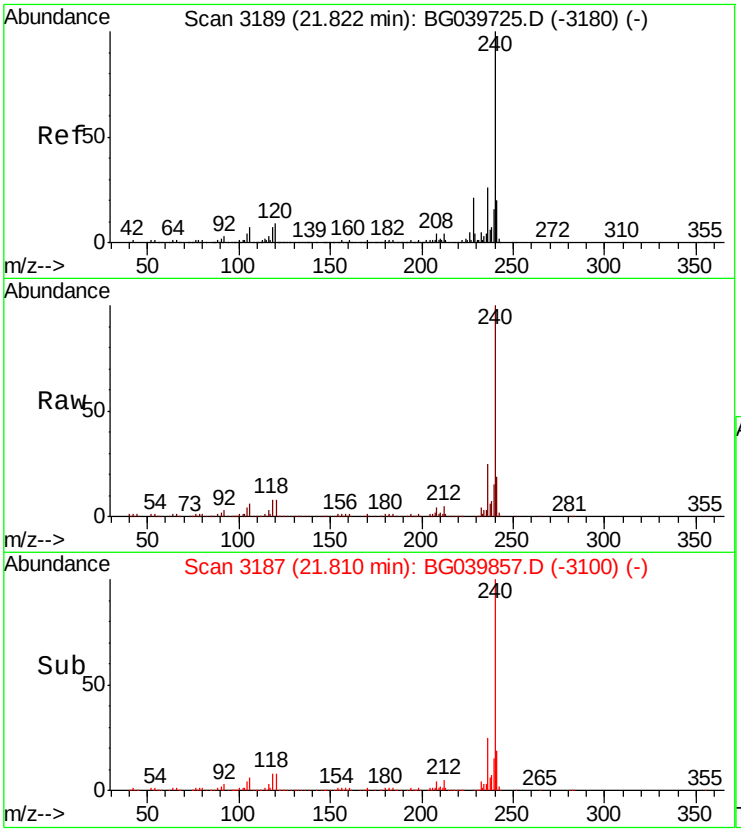


#67
4-Bromophenyl-phenylether
Concen: 4.411 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Tgt Ion:248 Resp: 15539

Ion	Ratio	Lower	Upper
248	100		
250	203.0	77.6	116.4#
141	544.1	63.9	95.9#



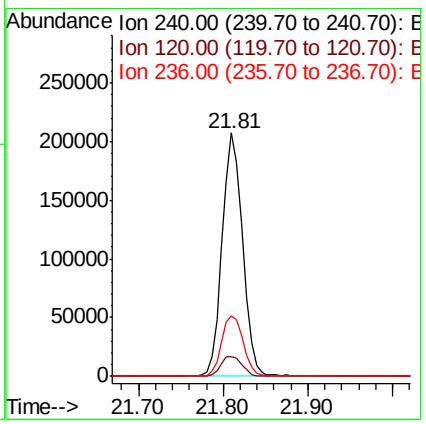


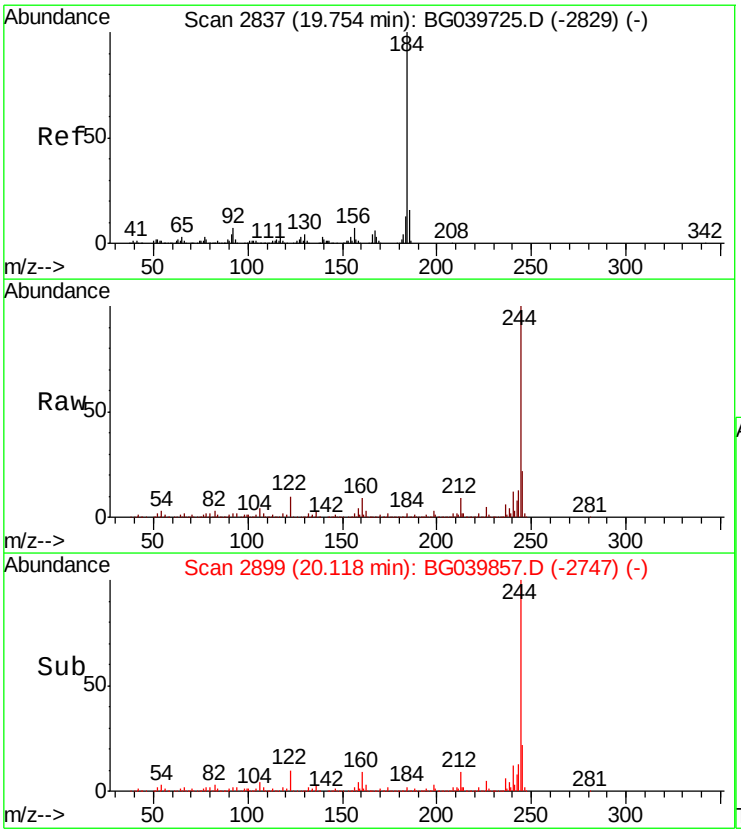
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-A

Tgt Ion:240 Resp: 346270

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	25.0	21.0	31.4

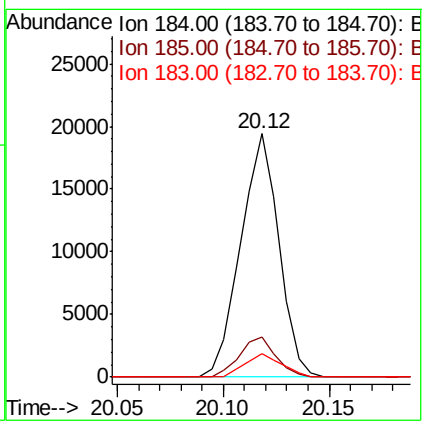


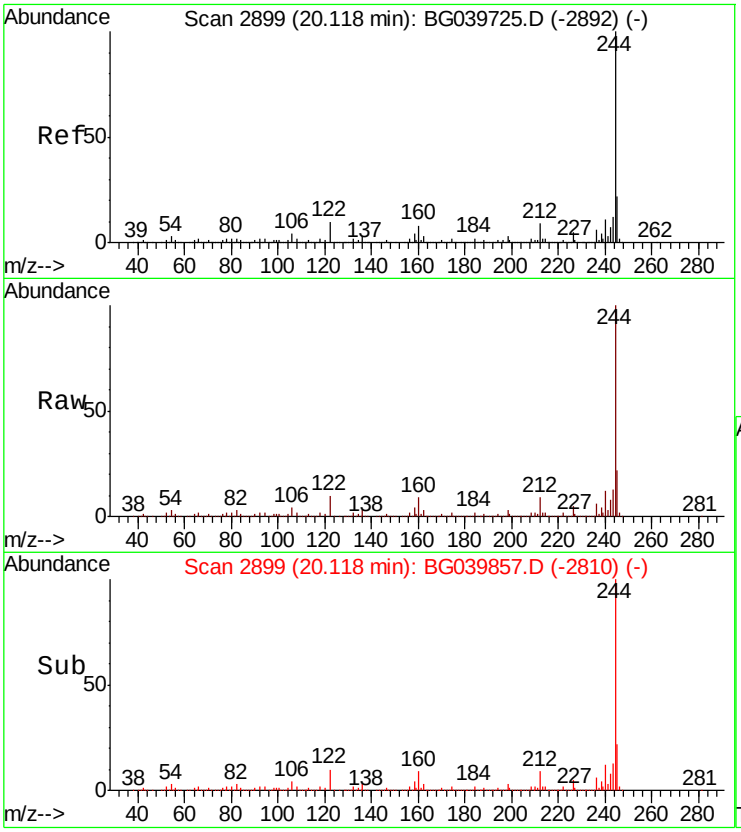


#77
Benzidine
Concen: 2.209 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Tgt Ion:184 Resp: 24272

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.2	18.2
183	9.4	10.6	15.8#



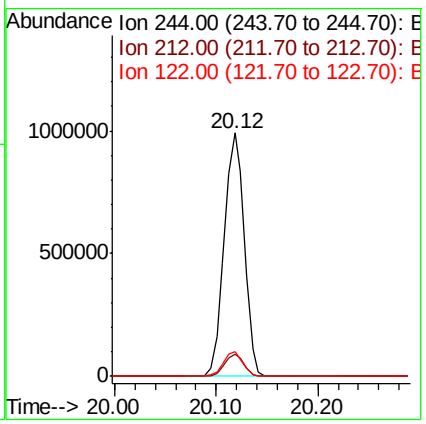


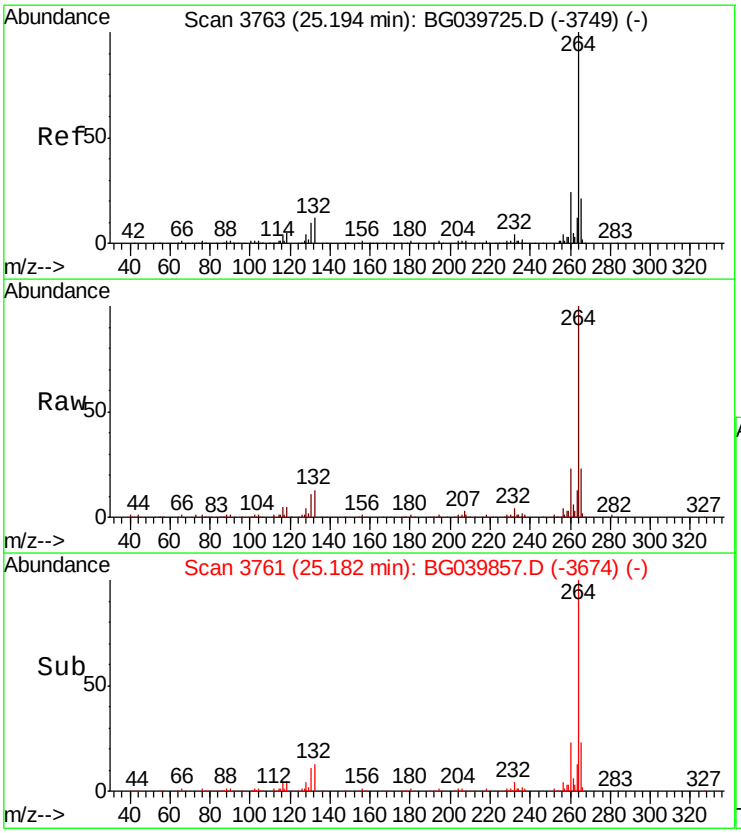
#79
Terphenyl-d14
Concen: 86.589 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-A

Tgt Ion:244 Resp: 1361755

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	10.2	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Tgt Ion:264 Resp: 332667

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.7	18.5	27.7