Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030719\
Data File : BG039807.D
Acq On : 7 Mar 2019 18:08
Operator : JU/SJ
Sample : PB117706BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB117706BL

Quant Time: Mar 07 23:53:06 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	43023	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	192578	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	138479	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	347521	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	368556	20.00	ng	-0.02
87) Perylene-d12	25.18	264	364617	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	365854	145.07	ng	-0.01
7) Phenol-d6	7.30	99	530497	141.08	ng	-0.01
23) Nitrobenzene-d5	9.33	82	301912	84.79	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	216337	134.03	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	790767	81.31	ng	-0.01
79) Terphenyl-d14	20.12	244	1340725	80.10	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.33	70	39164	14.470	ng	# 65
51) 2,6-Dinitrotoluene	14.78	165	18258	7.438	ng	# 26
57) 2,4-Dinitrotoluene	14.78	165	18258	5.293	ng	# 21
67) 4-Bromophenyl-phenylether	16.27	248	17221	4.427	ng	# 1

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

Quantitation Report (Not Reviewed)

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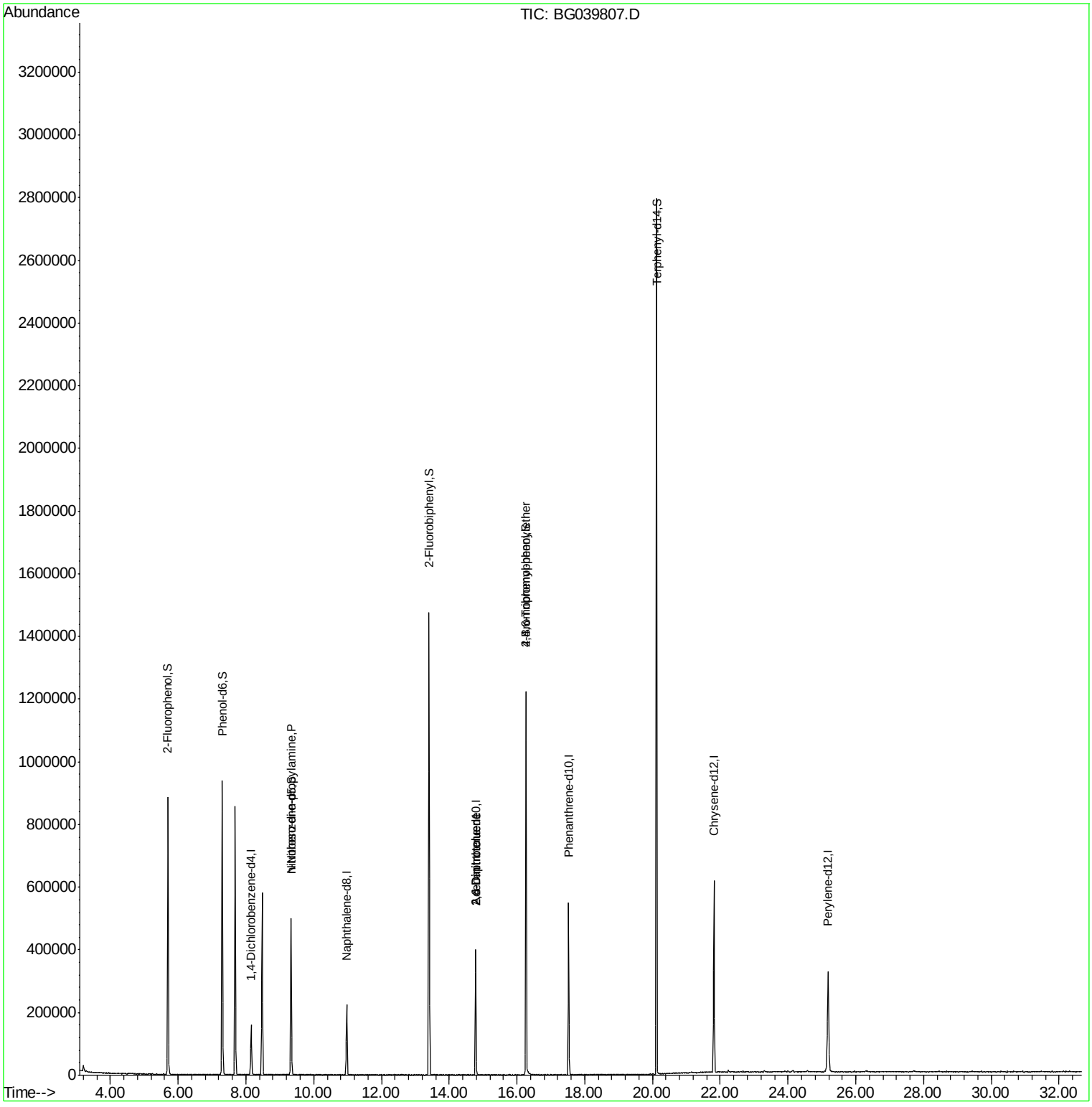
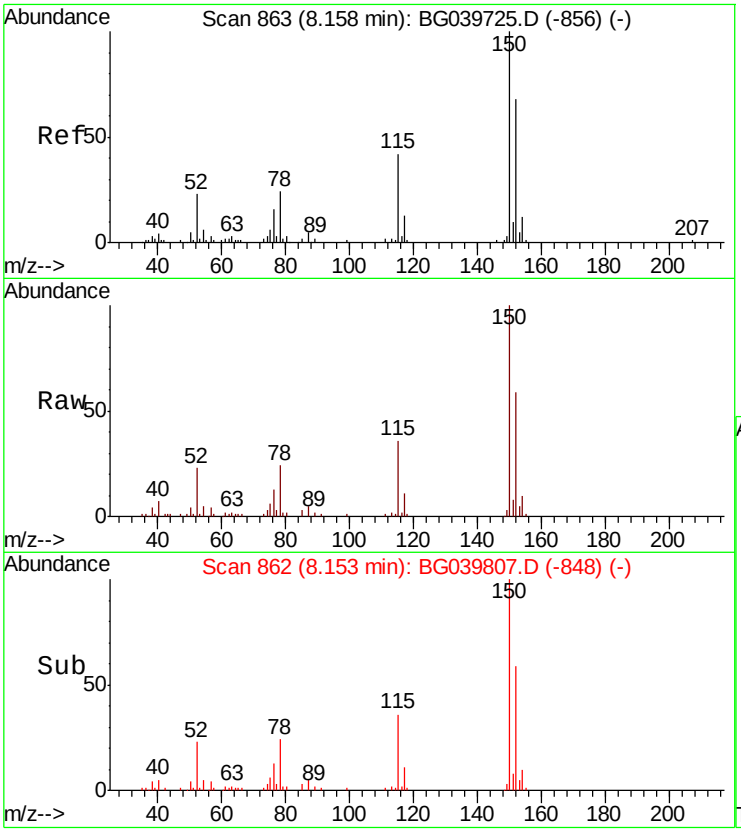


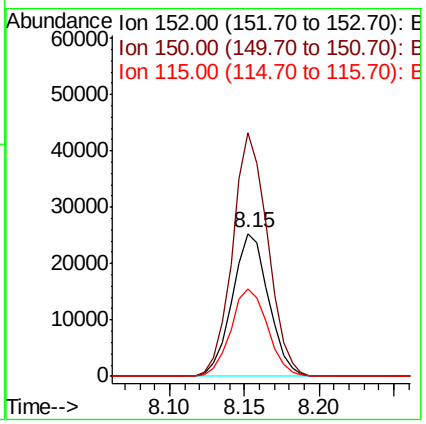


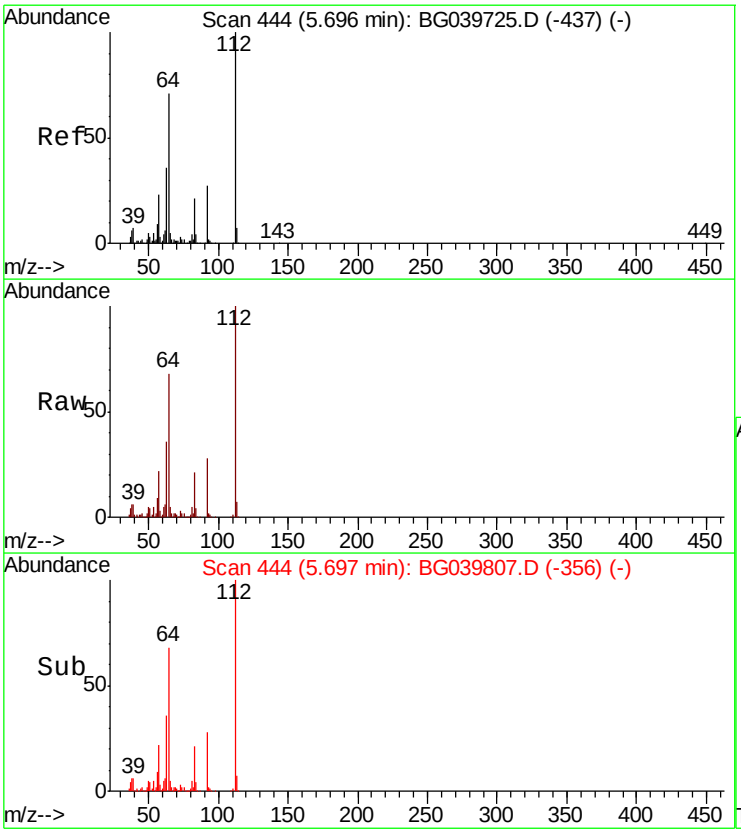
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Instrument :
BNA_F
ClientSampleId :
PB117706BL

Tgt Ion:152 Resp: 43023

Ion	Ratio	Lower	Upper
152	100		
150	170.2	123.7	185.5
115	61.6	45.9	68.9

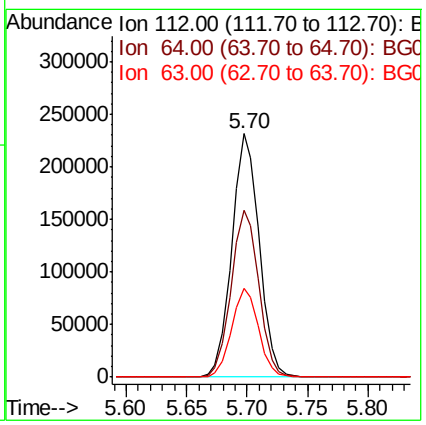


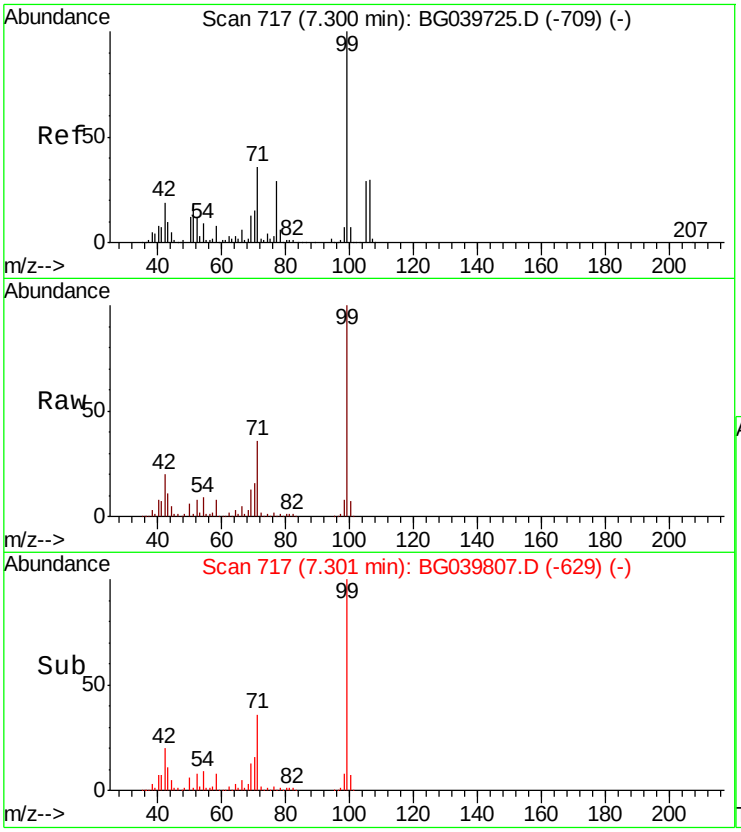


#5
2-Fluorophenol
Concen: 145.074 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion:112 Resp: 365854

Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.8	86.8
63	36.2	29.8	44.6



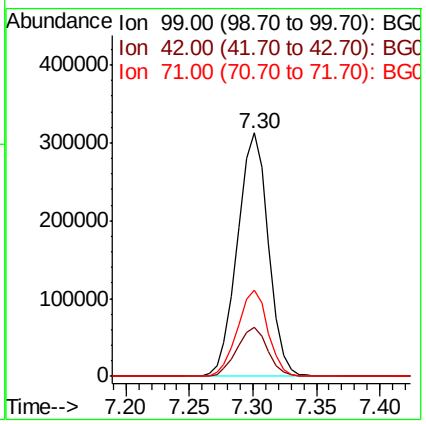


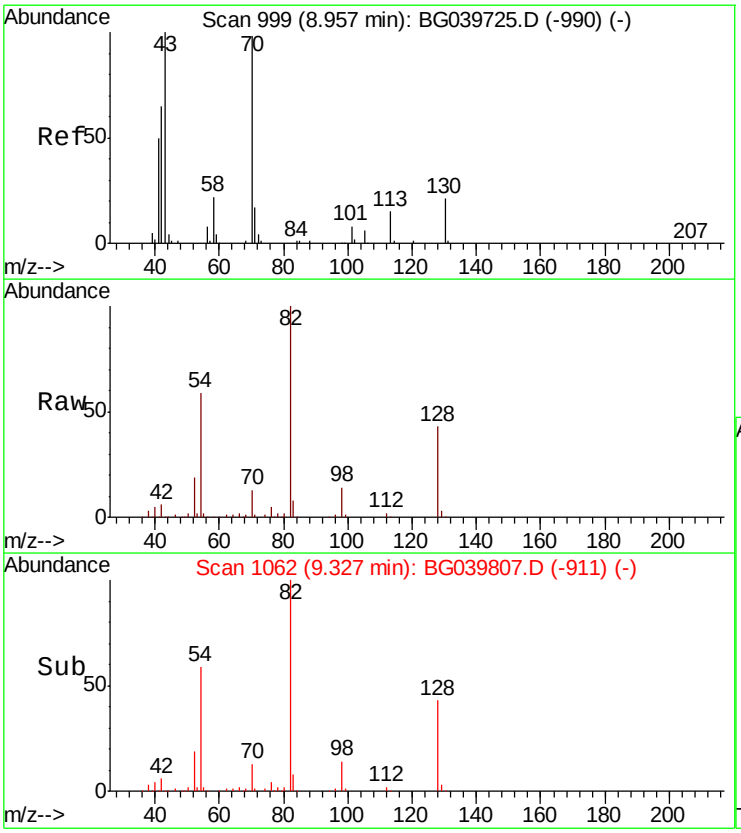
#7
Phenol-d6
Concen: 141.081 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Instrument :
BNA_F
ClientSampleId :
PB117706BL

Tgt Ion: 99 Resp: 530497

Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.2	27.2
71	35.5	28.0	42.0

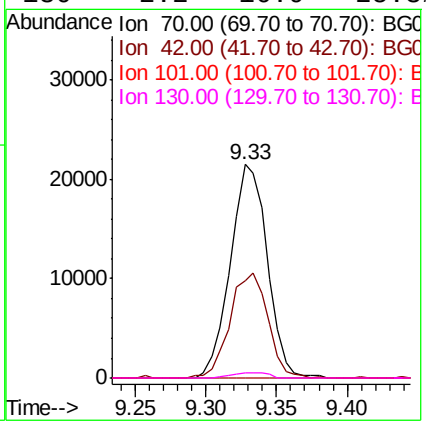


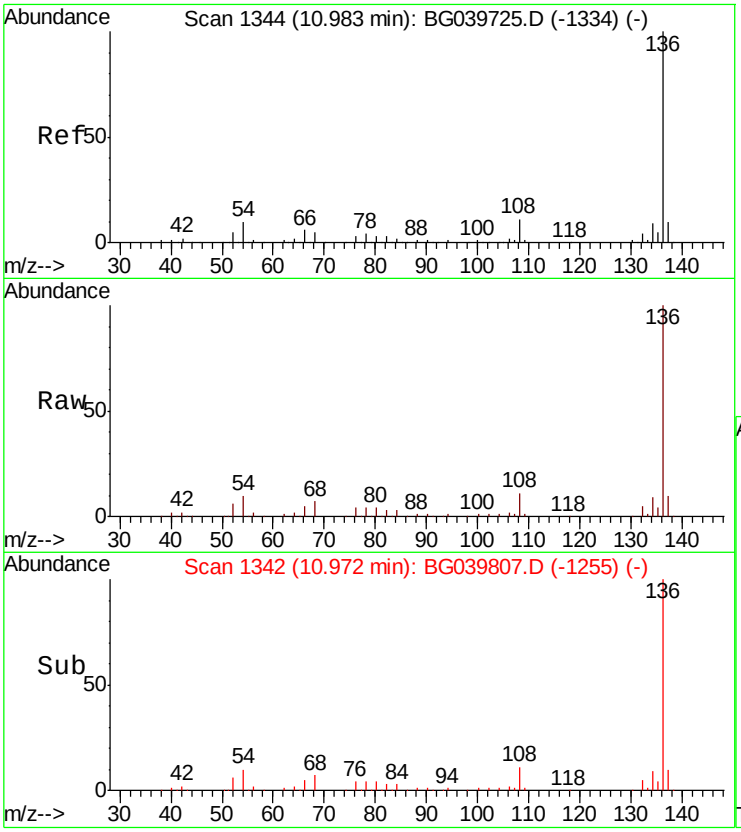


#19
n-Nitroso-di-n-propylamine
Concen: 14.470 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion: 70 Resp: 39164

Ion	Ratio	Lower	Upper
70	100		
42	45.5	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#



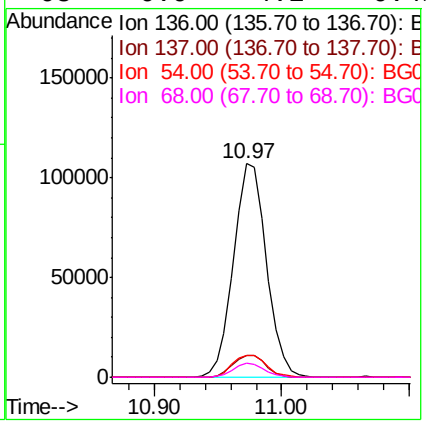


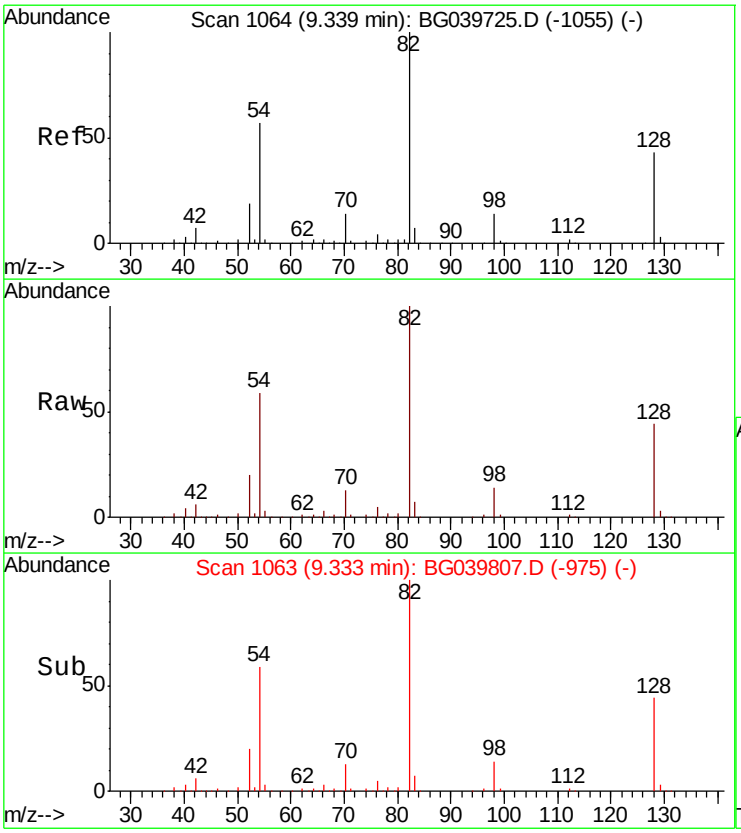
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Instrument :
BNA_F
ClientSampleId :
PB117706BL

Tgt Ion:136 Resp: 192578

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	9.9	9.4	14.2
68	6.9	4.2	6.4#

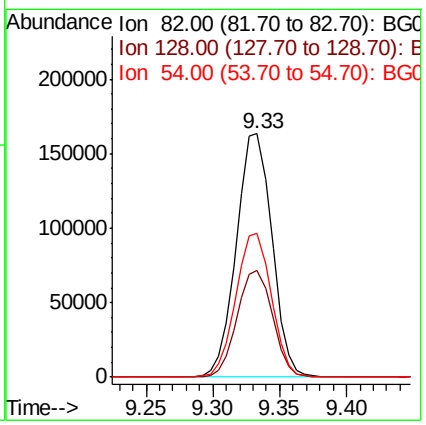


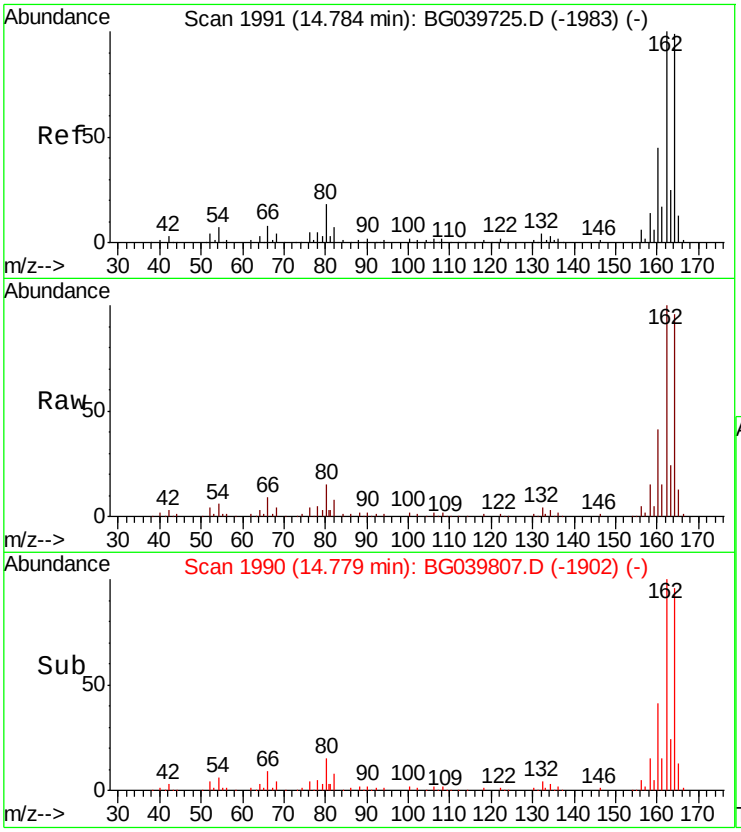


#23
Nitrobenzene-d5
Concen: 84.790 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion: 82 Resp: 301912

Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	59.2	50.9	76.3



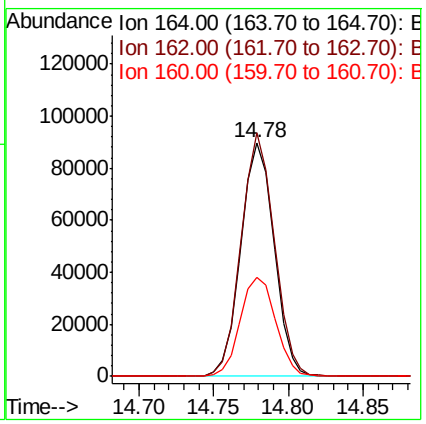


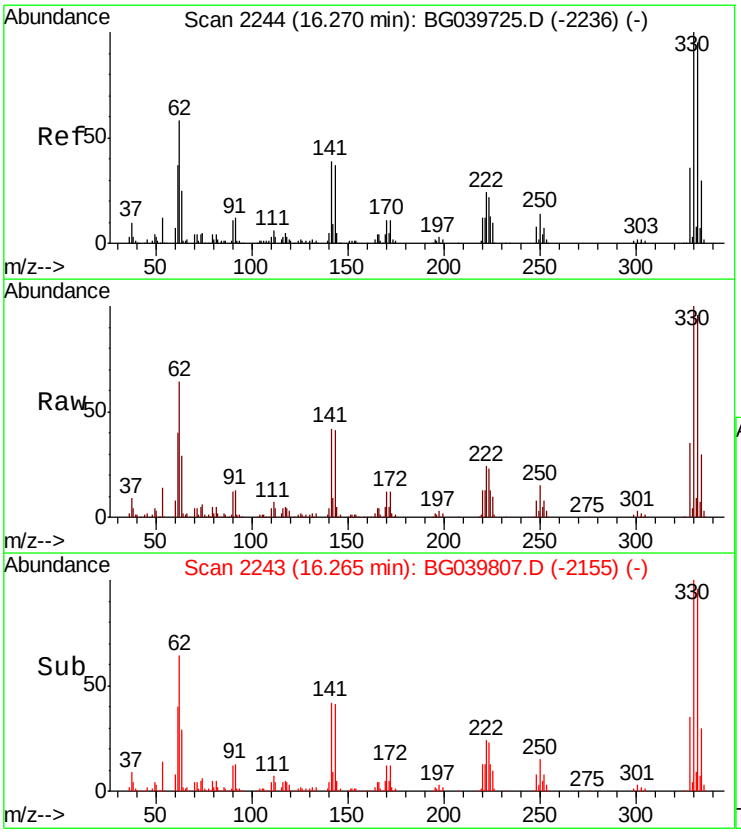
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Instrument :
BNA_F
ClientSampleId :
PB117706BL

Tgt Ion:164 Resp: 138479

Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.6	122.4
160	42.3	34.2	51.2

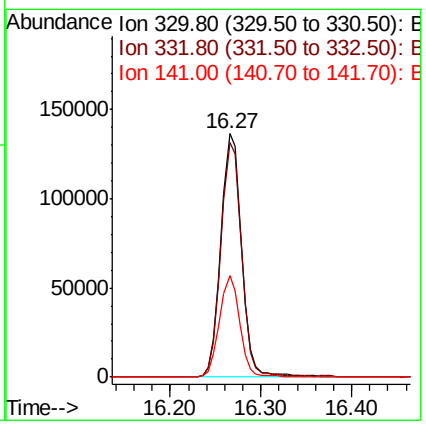


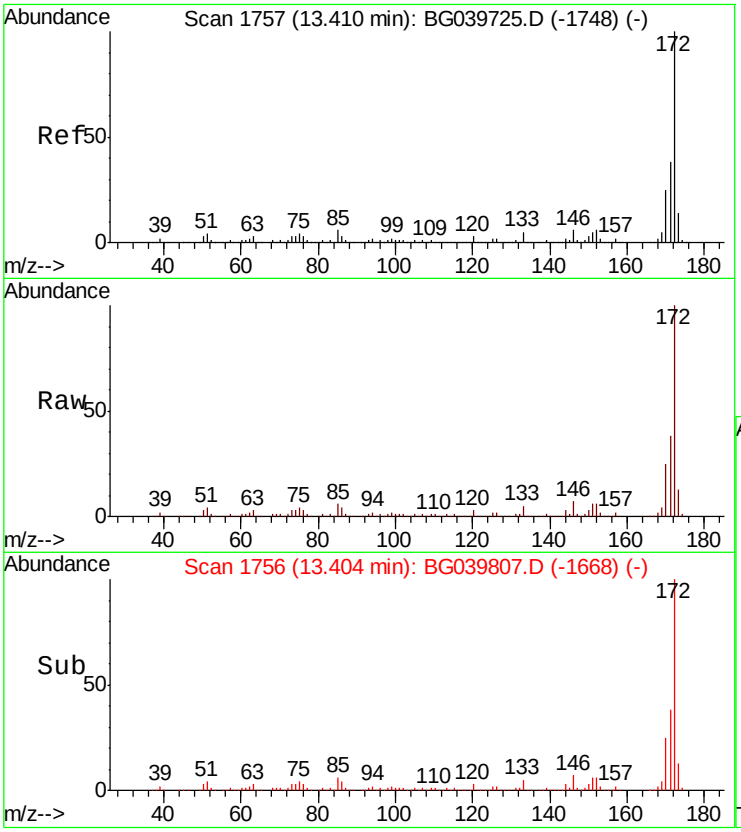


#42
2,4,6-Tribromophenol
Concen: 134.032 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion:330 Resp: 216337

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	40.5	35.6	53.4



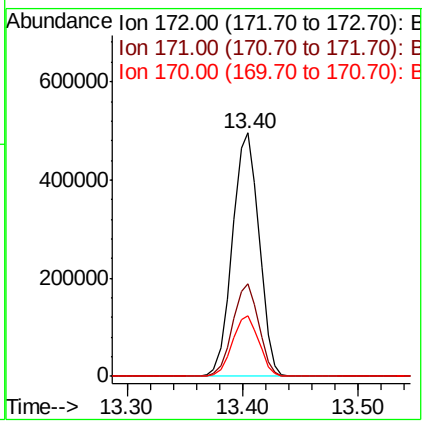


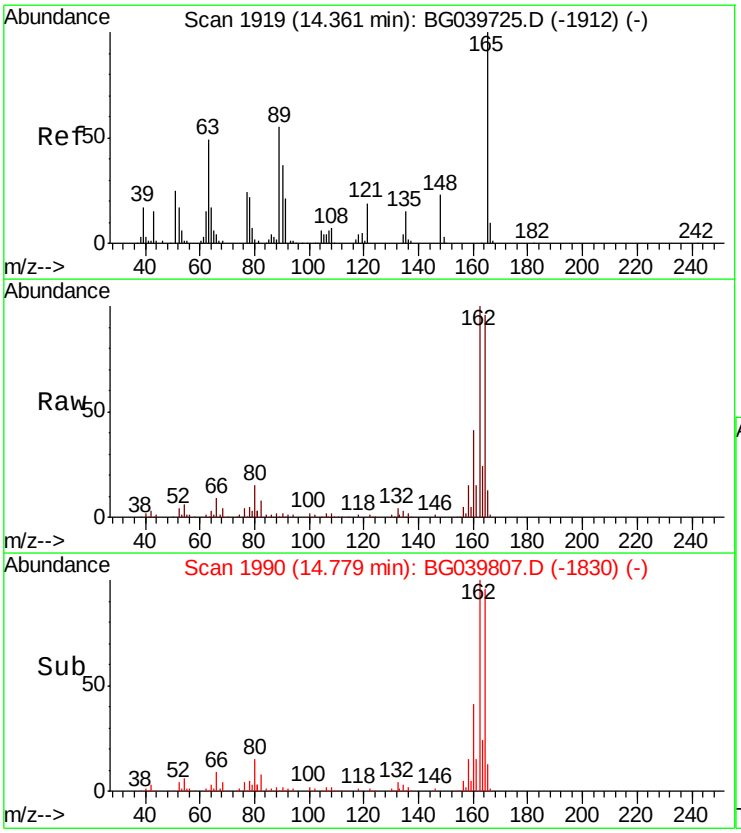
#45
2-Fluorobiphenyl
Concen: 81.306 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Instrument :
BNA_F
ClientSampleId :
PB117706BL

Tgt Ion:172 Resp: 790767

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	24.8	20.2	30.4

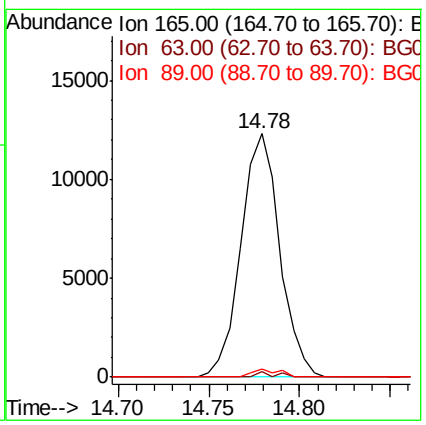


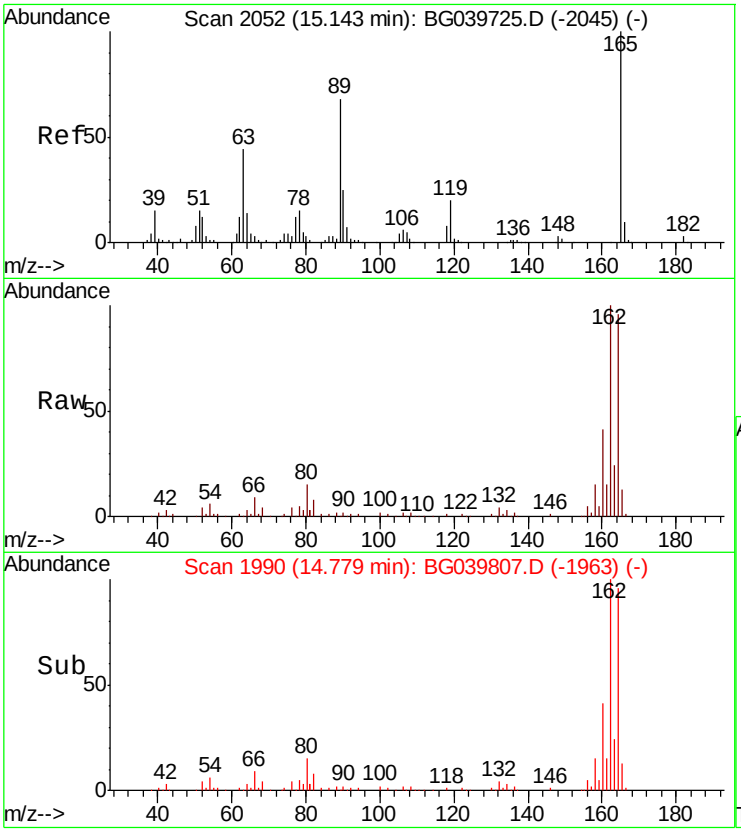


#51
2,6-Dinitrotoluene
Concen: 7.438 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion:165 Resp: 18258

Ion	Ratio	Lower	Upper
165	100		
63	2.3	47.0	70.6#
89	3.1	45.8	68.8#



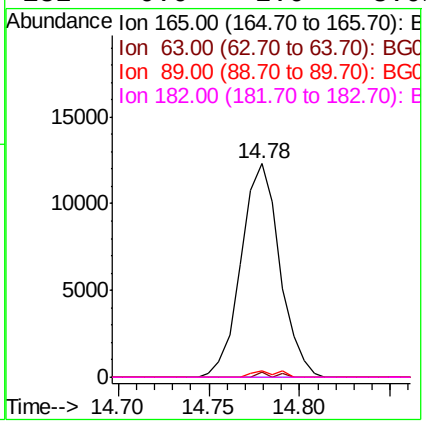


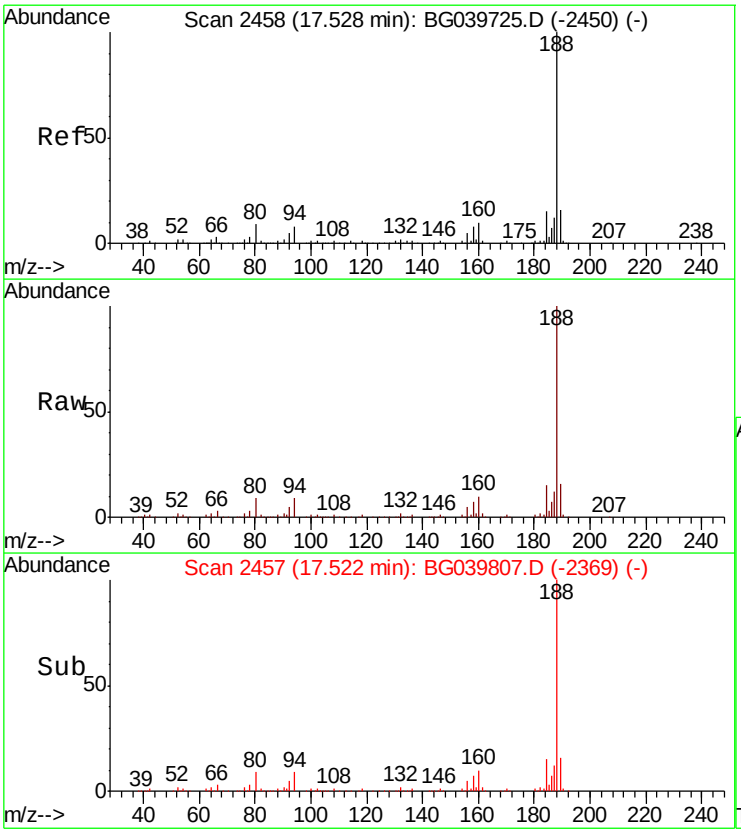
#57
2,4-Dinitrotoluene
Concen: 5.293 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Instrument :
BNA_F
ClientSampleId :
PB117706BL

Tgt Ion:165 Resp: 18258

Ion	Ratio	Lower	Upper
165	100		
63	2.3	41.0	61.6#
89	3.1	64.6	96.8#
182	0.0	2.0	3.0#

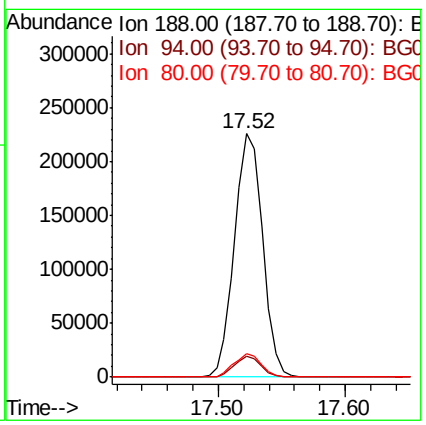


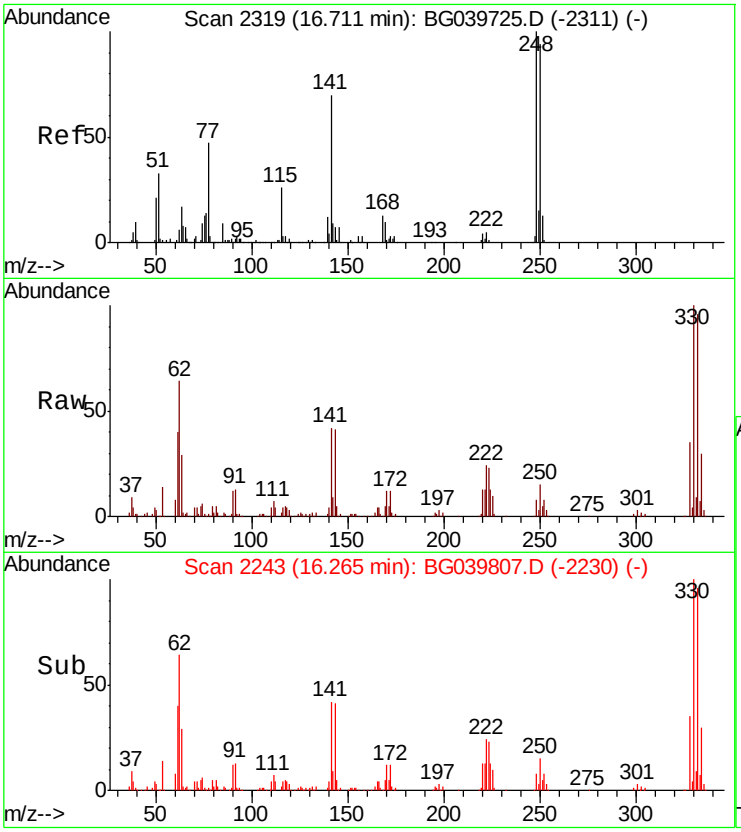


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion:188 Resp: 347521

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.5	8.1	12.1



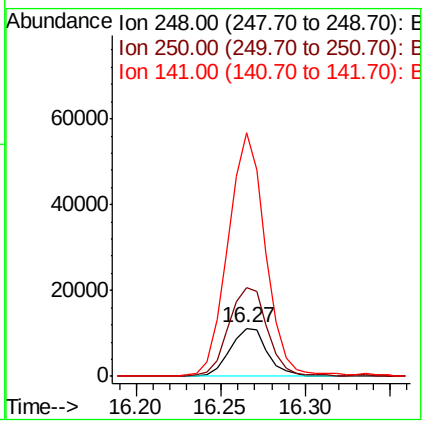


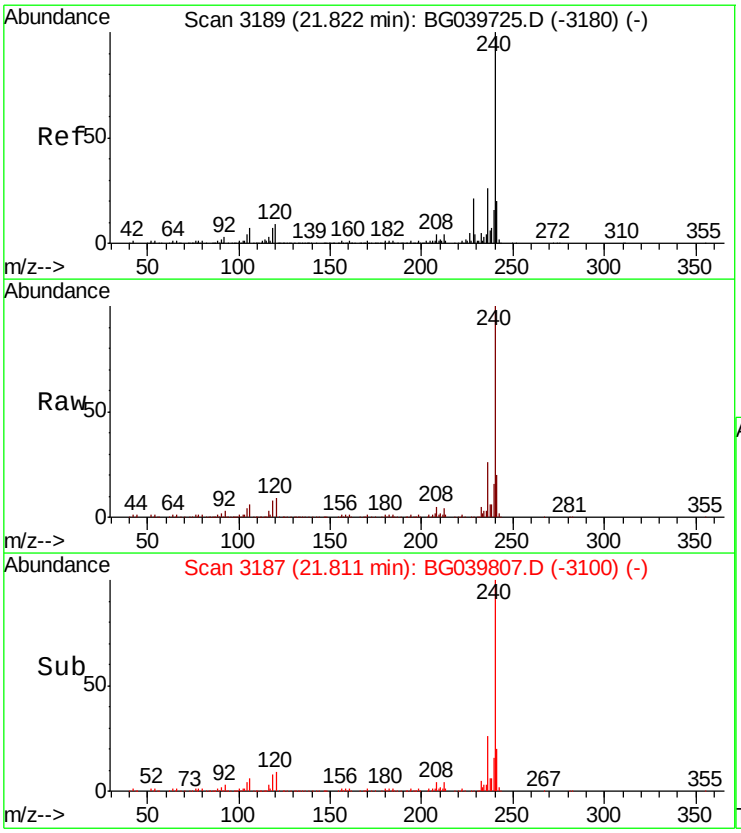
#67
4-Bromophenyl-phenylether
Concen: 4.427 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Instrument :
BNA_F
ClientSampleId :
PB117706BL

Tgt Ion:248 Resp: 17221

Ion	Ratio	Lower	Upper
248	100		
250	186.5	77.6	116.4#
141	509.3	63.9	95.9#

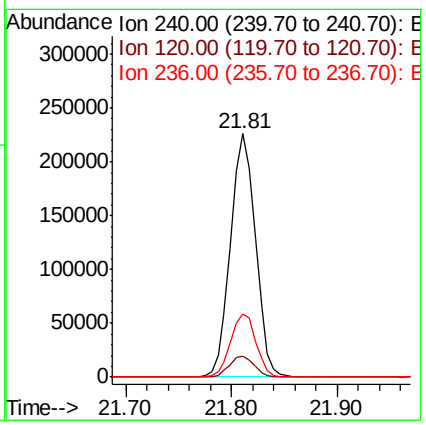


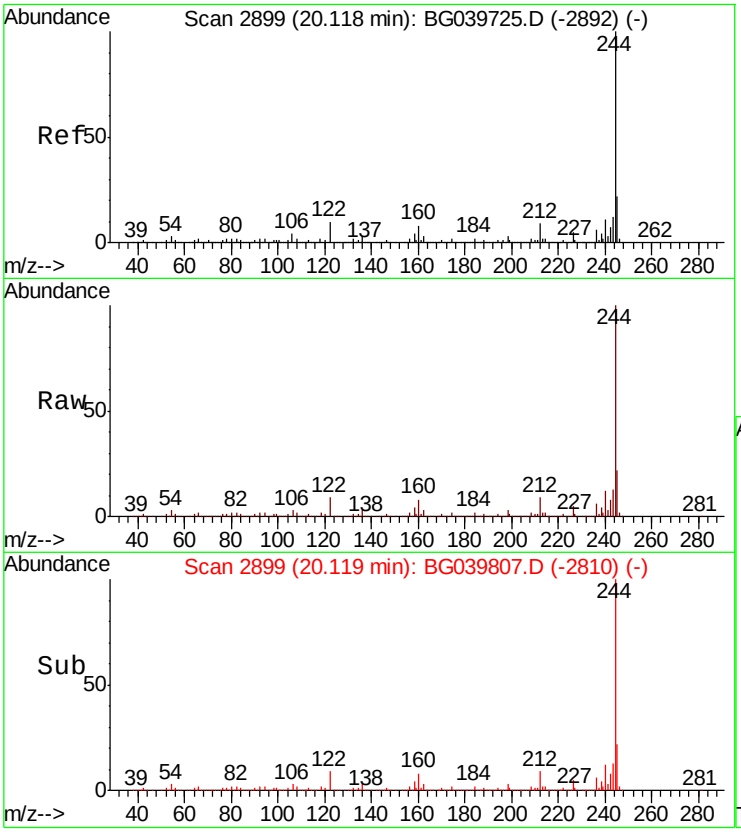


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion:240 Resp: 368556

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.8	21.0	31.4



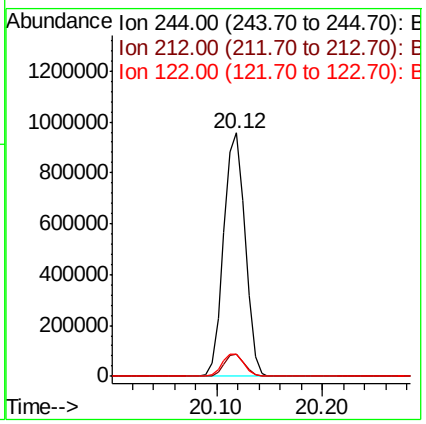


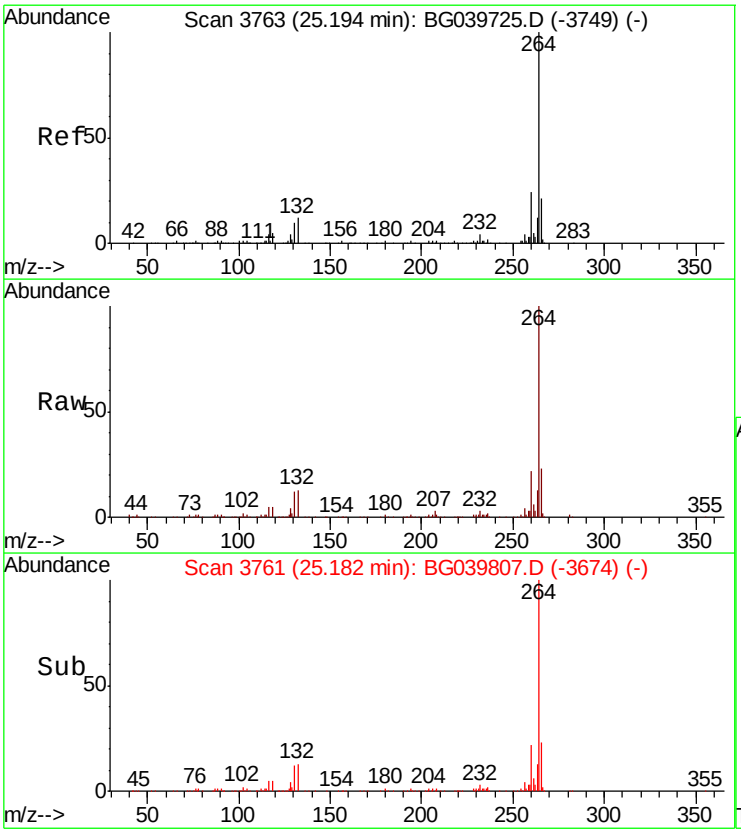
#79
Terphenyl-d14
Concen: 80.097 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Instrument :
BNA_F
ClientSampleId :
PB117706BL

Tgt Ion:244 Resp: 1340725

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	9.4	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: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion:264 Resp: 364617

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	23.2	18.5	27.7