Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039862.D
Acq On : 12 Mar 2019 5:38
Operator : JU/SJ
Sample : K1822-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3-8-BOD

Quant Time: Mar 12 09:36:32 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	41800	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	174830	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	112300	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	263656	20.00	ng	0.00
76) Chrysene-d12	21.81	240	304272	20.00	ng	-0.02
87) Perylene-d12	25.18	264	315015	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	327814	133.79	ng	0.00
7) Phenol-d6	7.30	99	425331	116.42	ng	-0.02
23) Nitrobenzene-d5	9.33	82	327698	101.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	194529	148.62	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	789717	100.13	ng	-0.02
79) Terphenyl-d14	20.12	244	1213904	87.84	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.39	79	9583	3.307	ng	# 83
31) Naphthalene	11.03	128	52891	5.714	ng	98
37) 2-Methylnaphthalene	12.61	142	21452	3.100	ng	95

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

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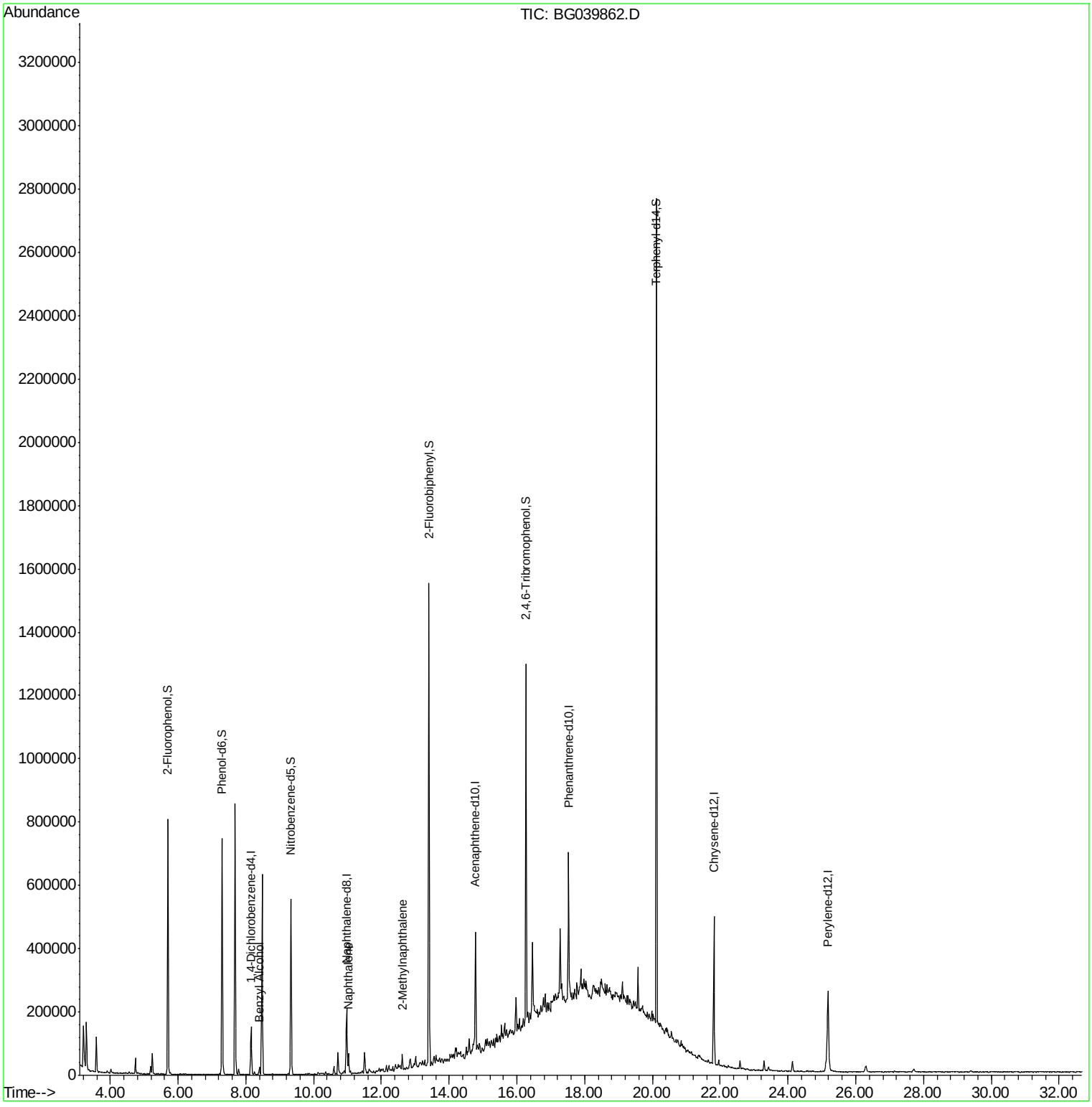
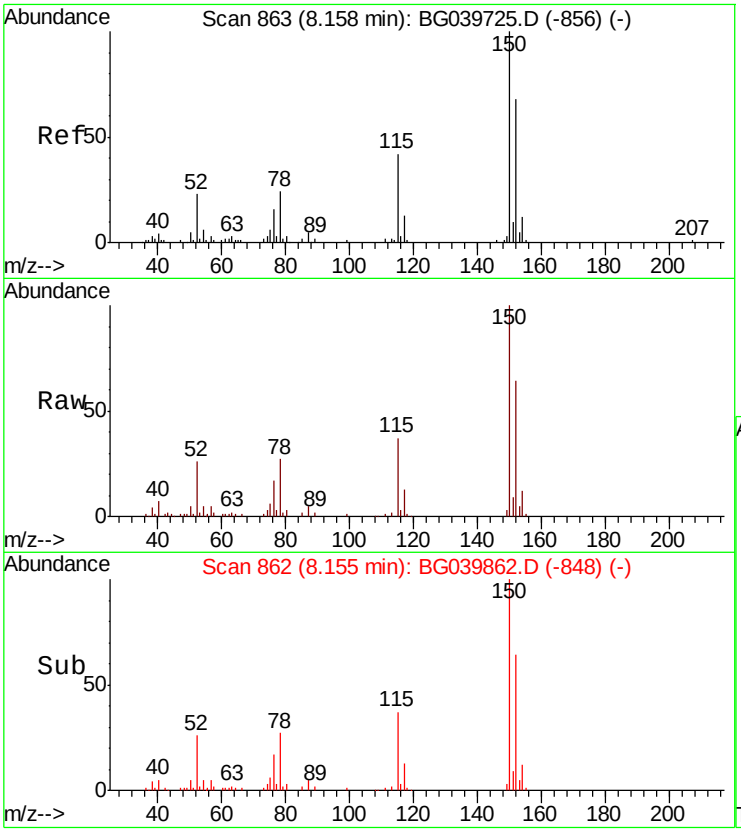


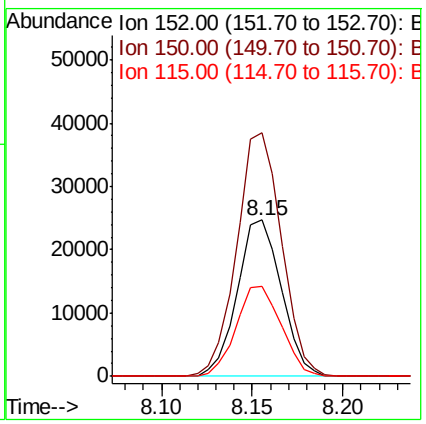


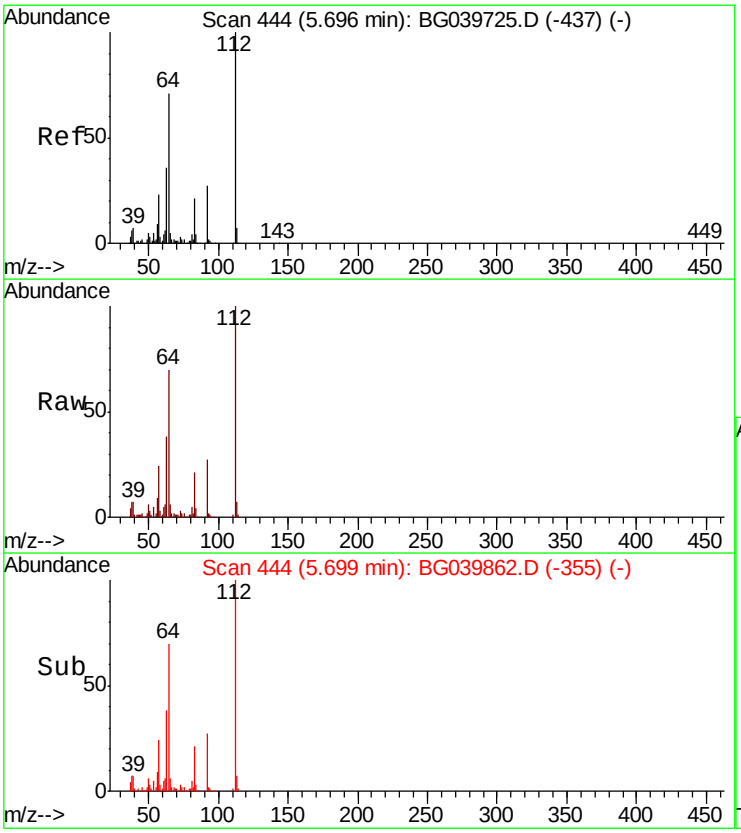
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Instrument :
BNA_G
ClientSampleId :
3-8-BOD

Tgt Ion:152 Resp: 41800

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.7	185.5
115	57.3	45.9	68.9

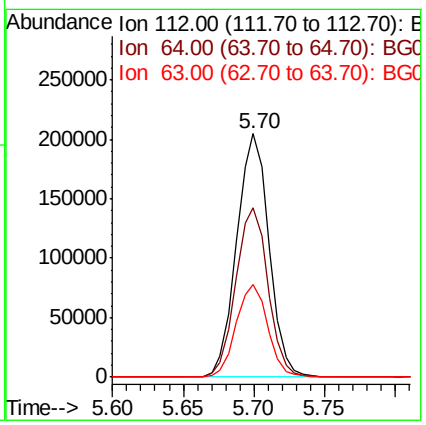


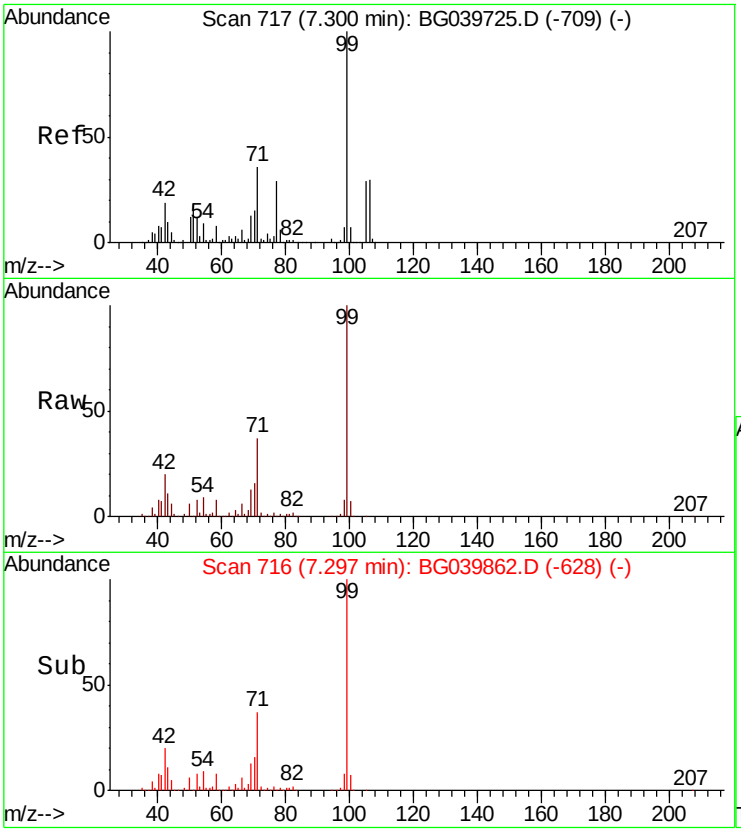


#5
2-Fluorophenol
Concen: 133.793 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Tgt Ion:112 Resp: 327814

Ion	Ratio	Lower	Upper
112	100		
64	69.6	57.8	86.8
63	37.8	29.8	44.6



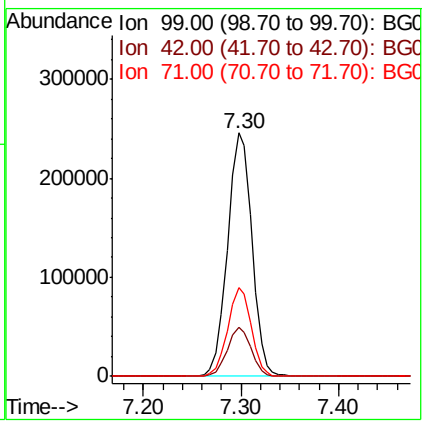


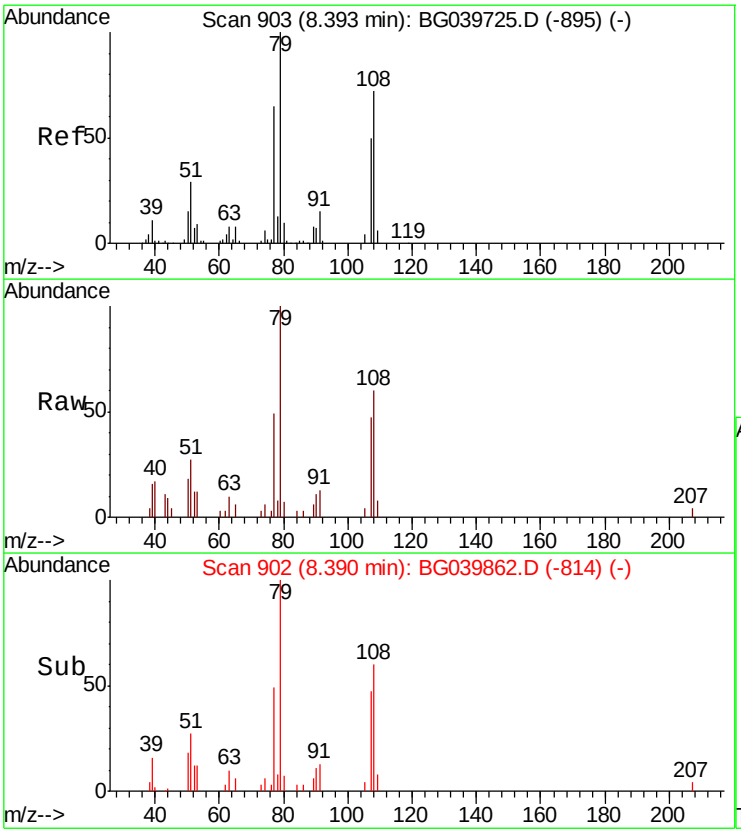
#7
Phenol-d6
Concen: 116.423 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Instrument :
BNA_G
ClientSampleId :
3-8-BOD

Tgt Ion: 99 Resp: 425331

Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.2	27.2
71	36.7	28.0	42.0

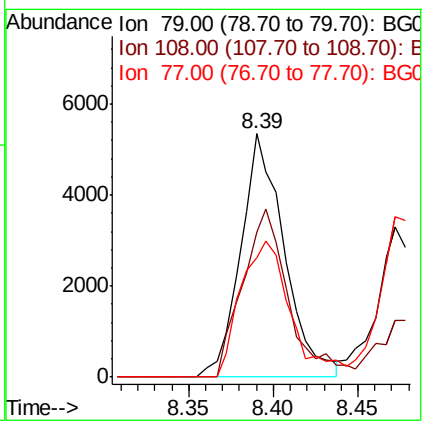


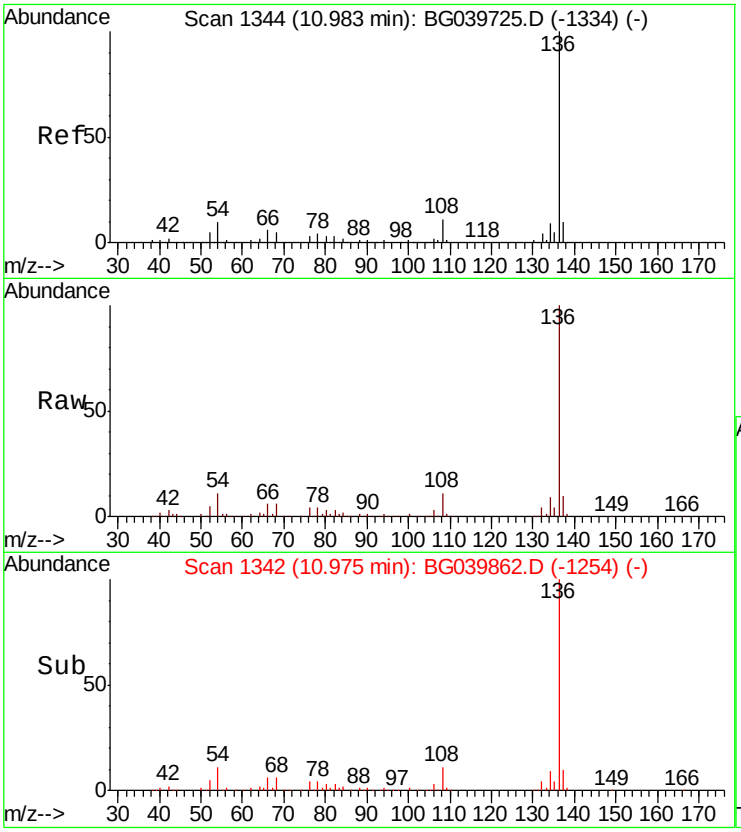


#15
Benzyl Alcohol
Concen: 3.307 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Tgt Ion: 79 Resp: 9583

Ion	Ratio	Lower	Upper
79	100		
108	59.5	57.8	86.6
77	48.9	51.1	76.7#



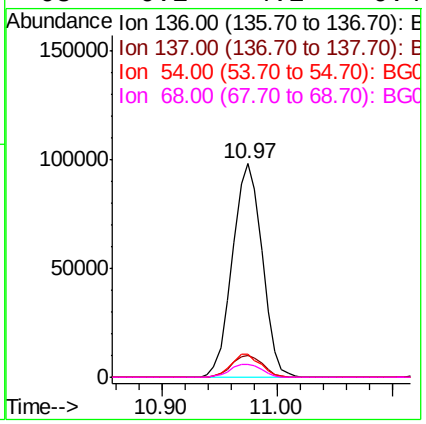


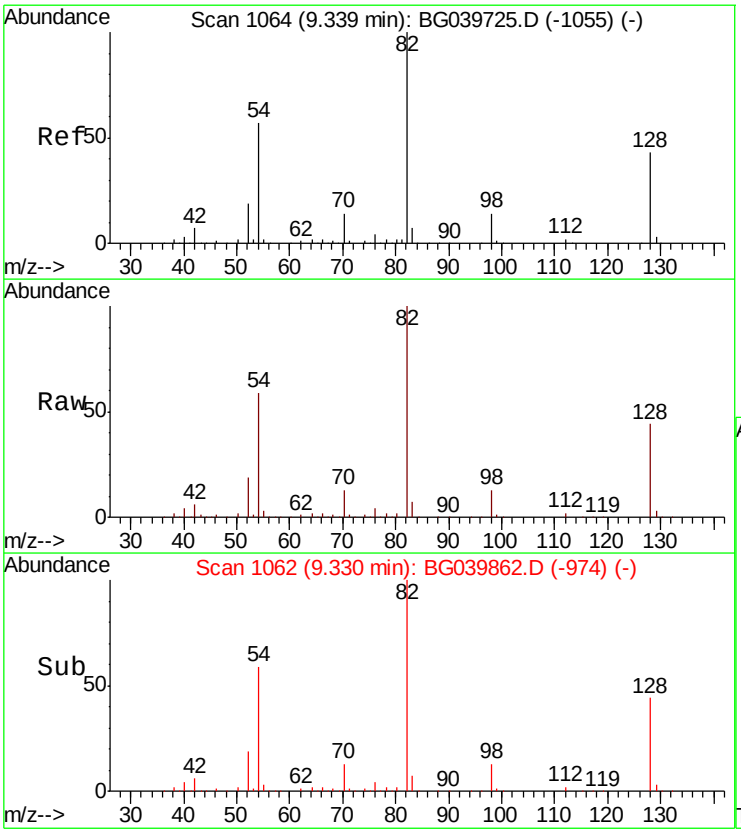
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Instrument :
BNA_G
ClientSampleId :
3-8-BOD

Tgt Ion:136 Resp: 174830

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	10.6	9.4	14.2
68	6.2	4.2	6.4

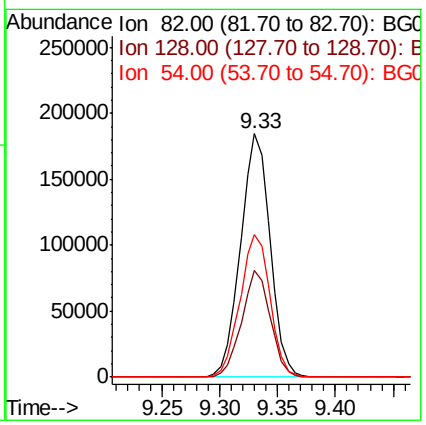


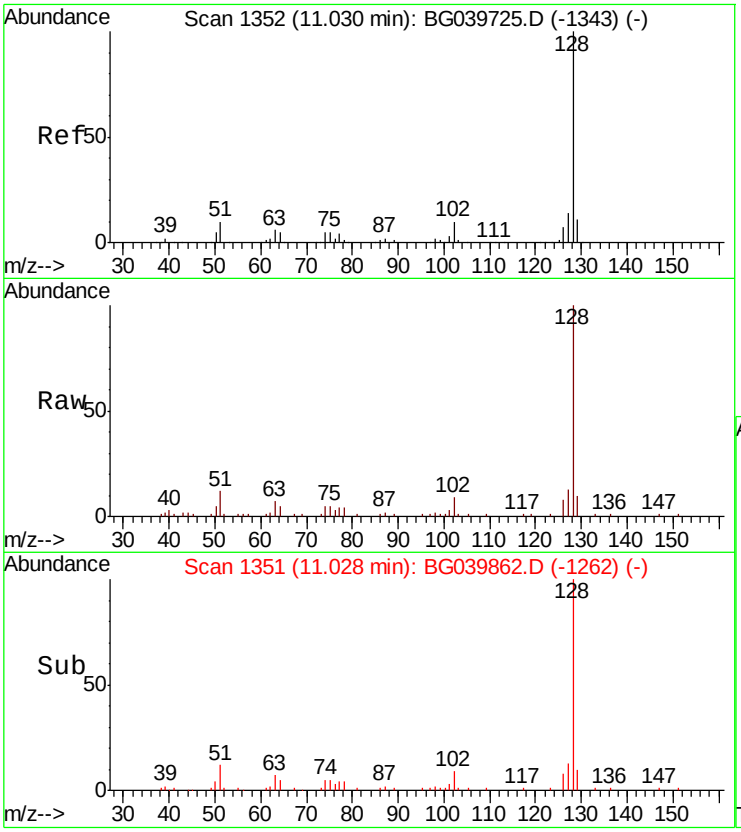


#23
Nitrobenzene-d5
Concen: 101.374 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Tgt Ion: 82 Resp: 327698

Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	58.6	50.9	76.3



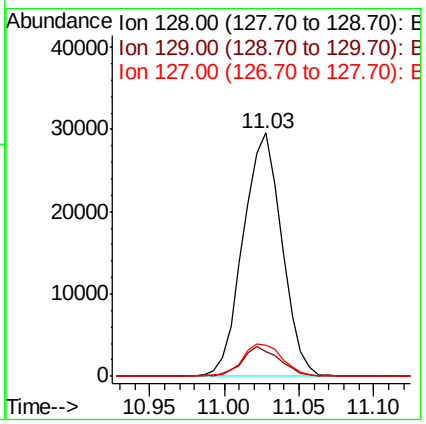


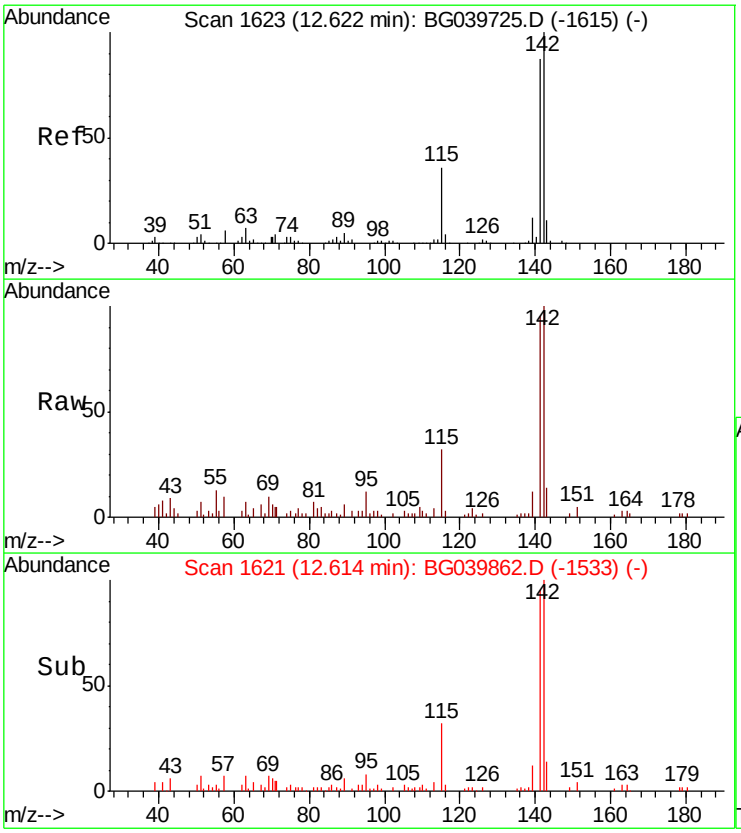
#31
Naphthalene
Concen: 5.714 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Instrument :
BNA_G
ClientSampleId :
3-8-BOD

Tgt Ion:128 Resp: 52891

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.7	13.1
127	12.6	10.8	16.2

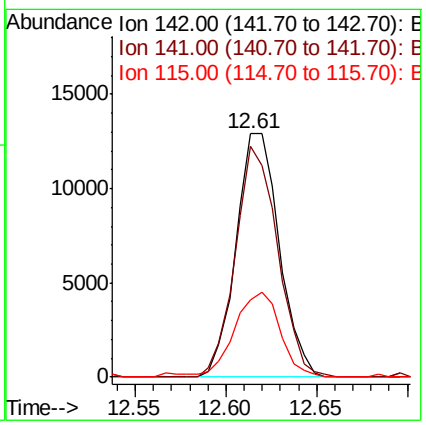


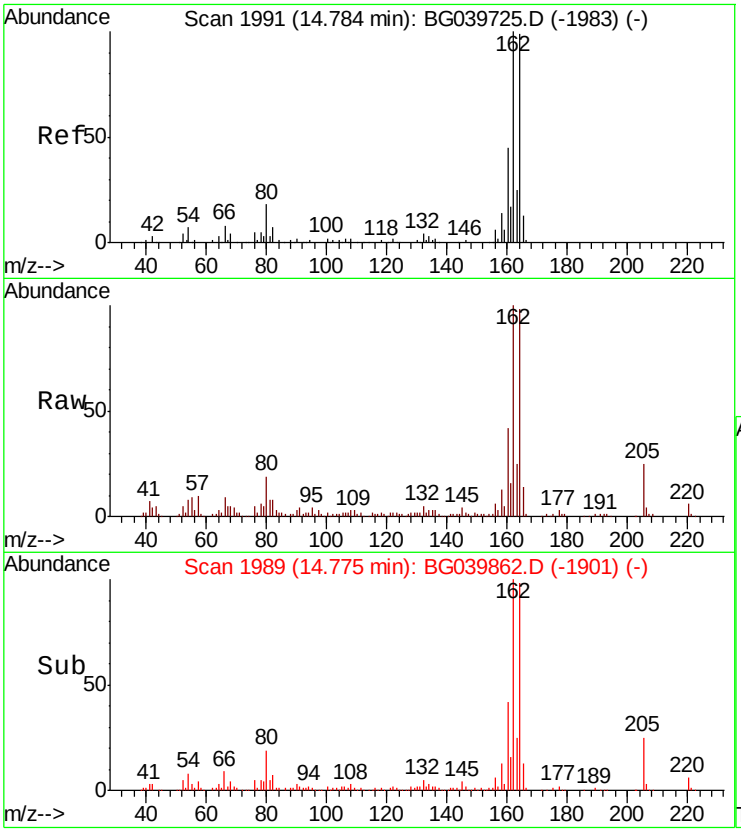


#37
2-Methylnaphthalene
Concen: 3.100 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Tgt Ion:142 Resp: 21452

Ion	Ratio	Lower	Upper
142	100		
141	94.7	73.5	110.3
115	31.6	30.8	46.2



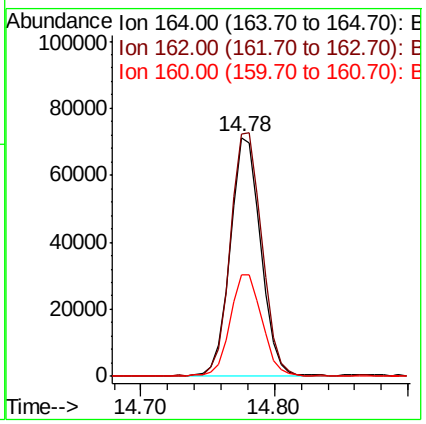


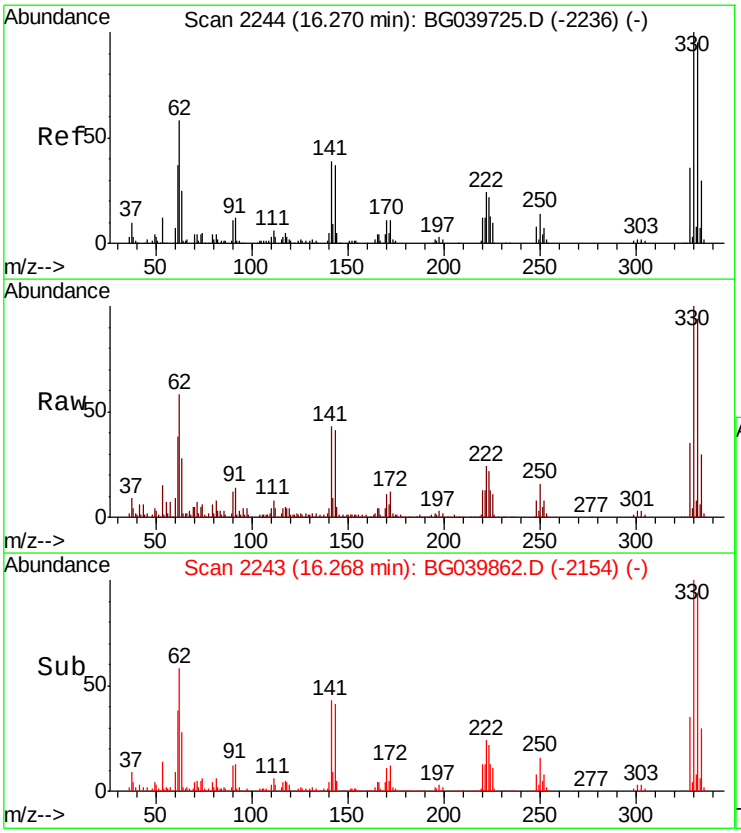
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Instrument :
BNA_G
ClientSampleId :
3-8-BOD

Tgt Ion:164 Resp: 112300

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.6	122.4
160	42.4	34.2	51.2

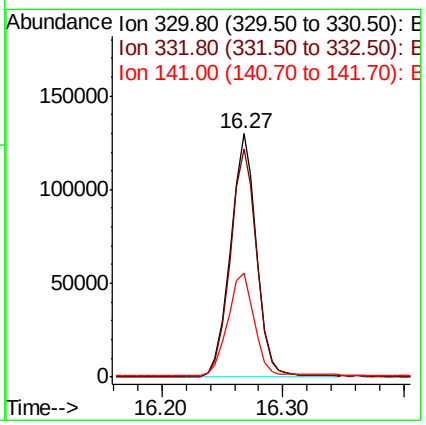


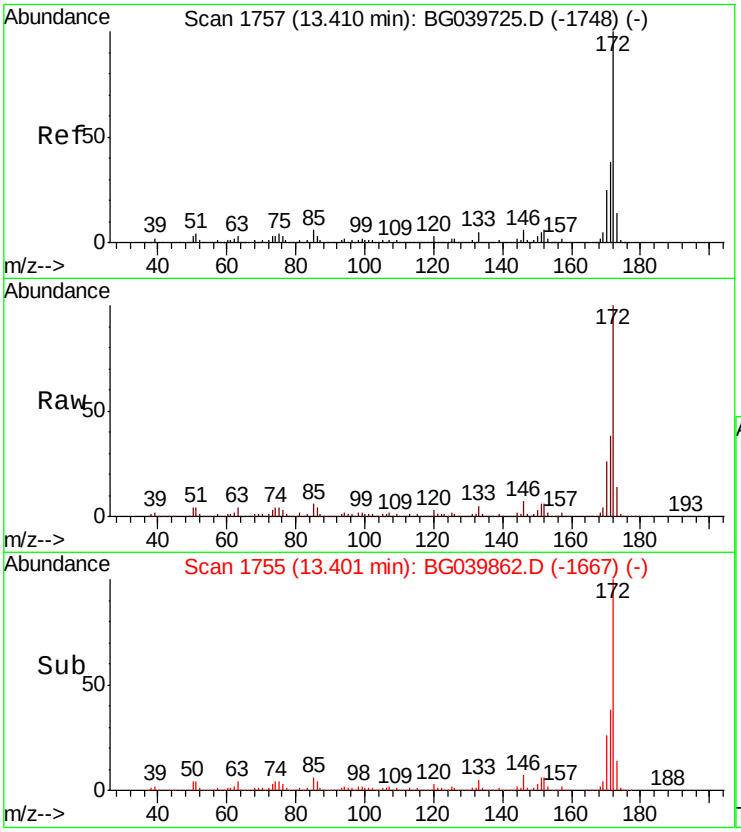


#42
2,4,6-Tribromophenol
Concen: 148.616 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Tgt Ion:330 Resp: 194529

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.7	113.5
141	42.8	35.6	53.4



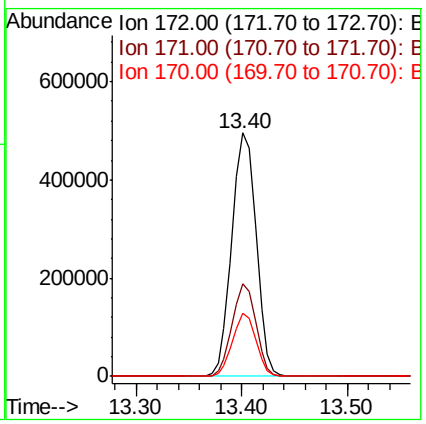


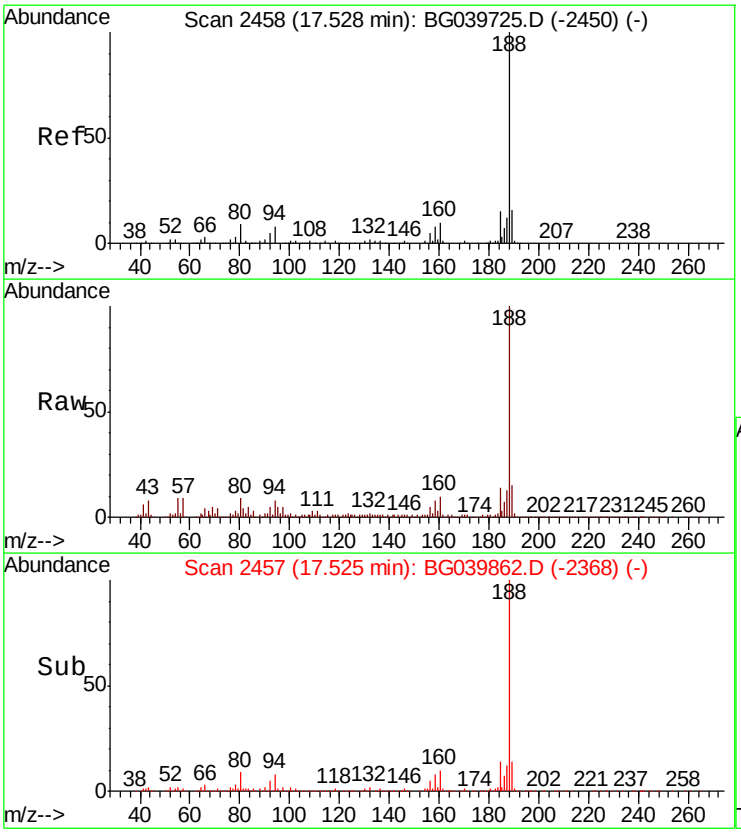
#45
2-Fluorobiphenyl
Concen: 100.127 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Instrument :
BNA_G
ClientSampleId :
3-8-BOD

Tgt Ion:172 Resp: 789717

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.7	20.2	30.4

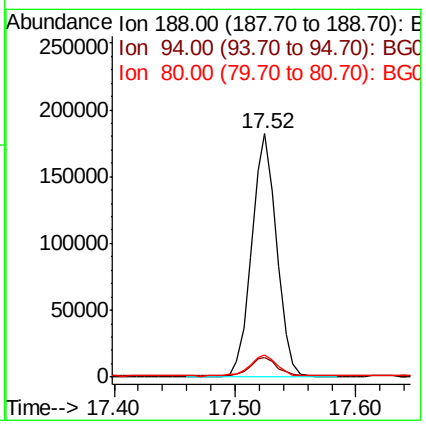


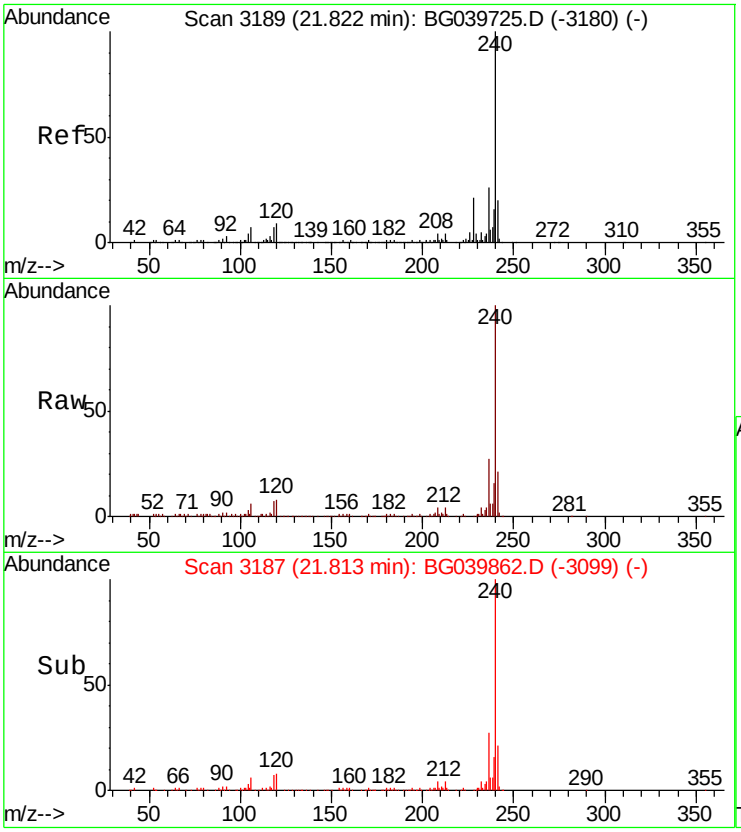


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Tgt Ion:188 Resp: 263656

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.1	8.1	12.1



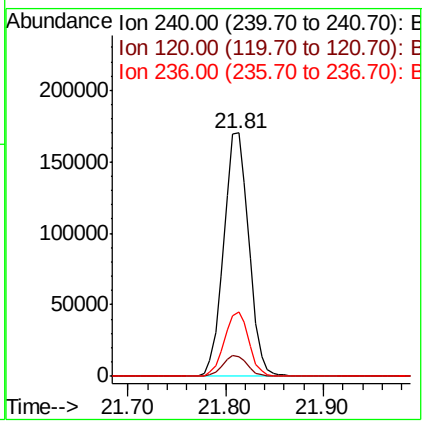


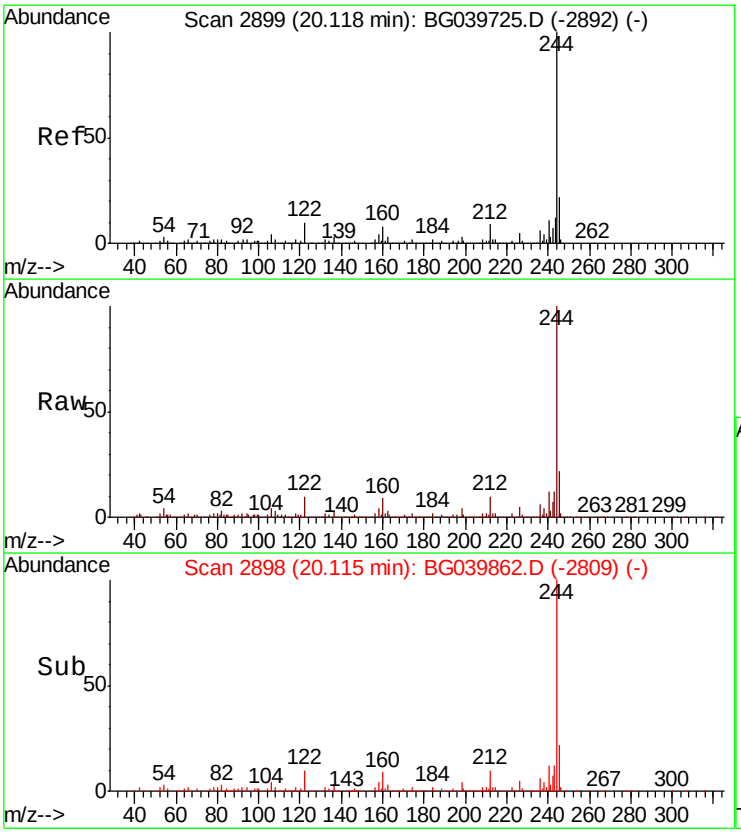
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Instrument :
BNA_G
ClientSampleId :
3-8-BOD

Tgt Ion:240 Resp: 304272

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.0	10.6
236	26.7	21.0	31.4

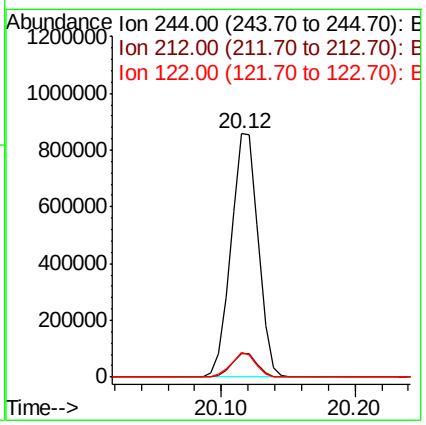


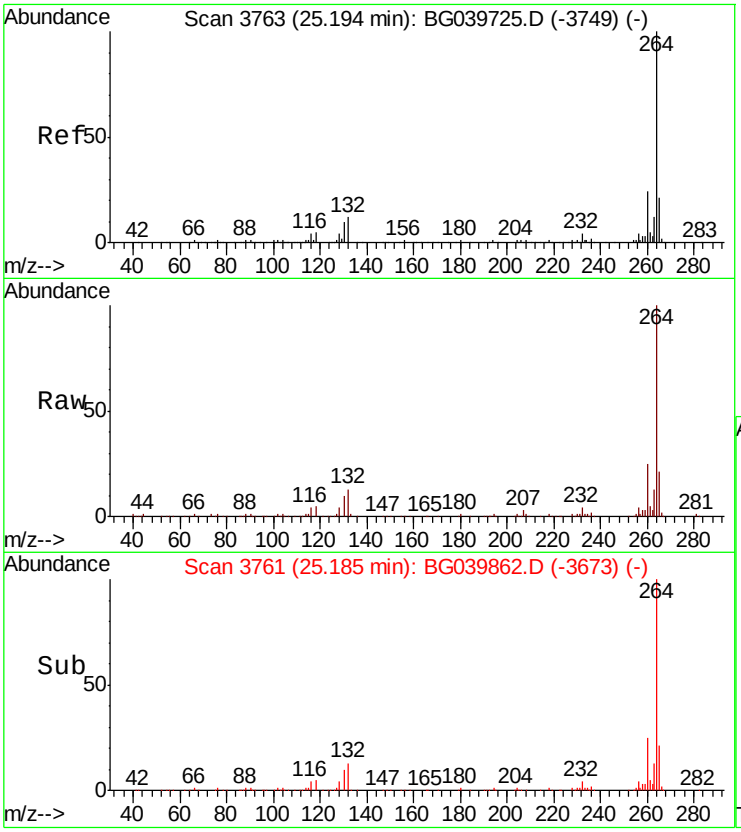


#79
Terphenyl-d14
Concen: 87.842 ng
RT: 20.12 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039862.D
Acq: 12 Mar 2019 5:38

Tgt Ion:244 Resp: 1213904

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	9.9	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: BG039862.D
Acq: 12 Mar 2019 5:38

Instrument :
BNA_G
ClientSampleId :
3-8-BOD

Tgt Ion:264 Resp: 315015

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	21.0	18.5	27.7