Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039562.D
Acq On : 19 Feb 2019 19:43
Operator : JU/SJ
Sample : K1528-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Time: Feb 20 00:14:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	57279	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	246869	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	171782	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	387382	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	364807	20.00	ng	-0.03
87) Perylene-d12	25.20	264	357193	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	198413	59.29	ng	0.00
7) Phenol-d6	7.31	99	173272	35.17	ng	0.00
23) Nitrobenzene-d5	9.35	82	407735	103.18	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	268281	145.03	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	1019279	85.12	ng	-0.02
79) Terphenyl-d14	20.13	244	1396769	81.04	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	11.05	128	3547759	289.684	ng	# 83
37) 2-Methylnaphthalene	12.63	142	872280	96.163	ng	99
38) 1-Methylnaphthalene	12.85	142	368211	42.111	ng	100

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

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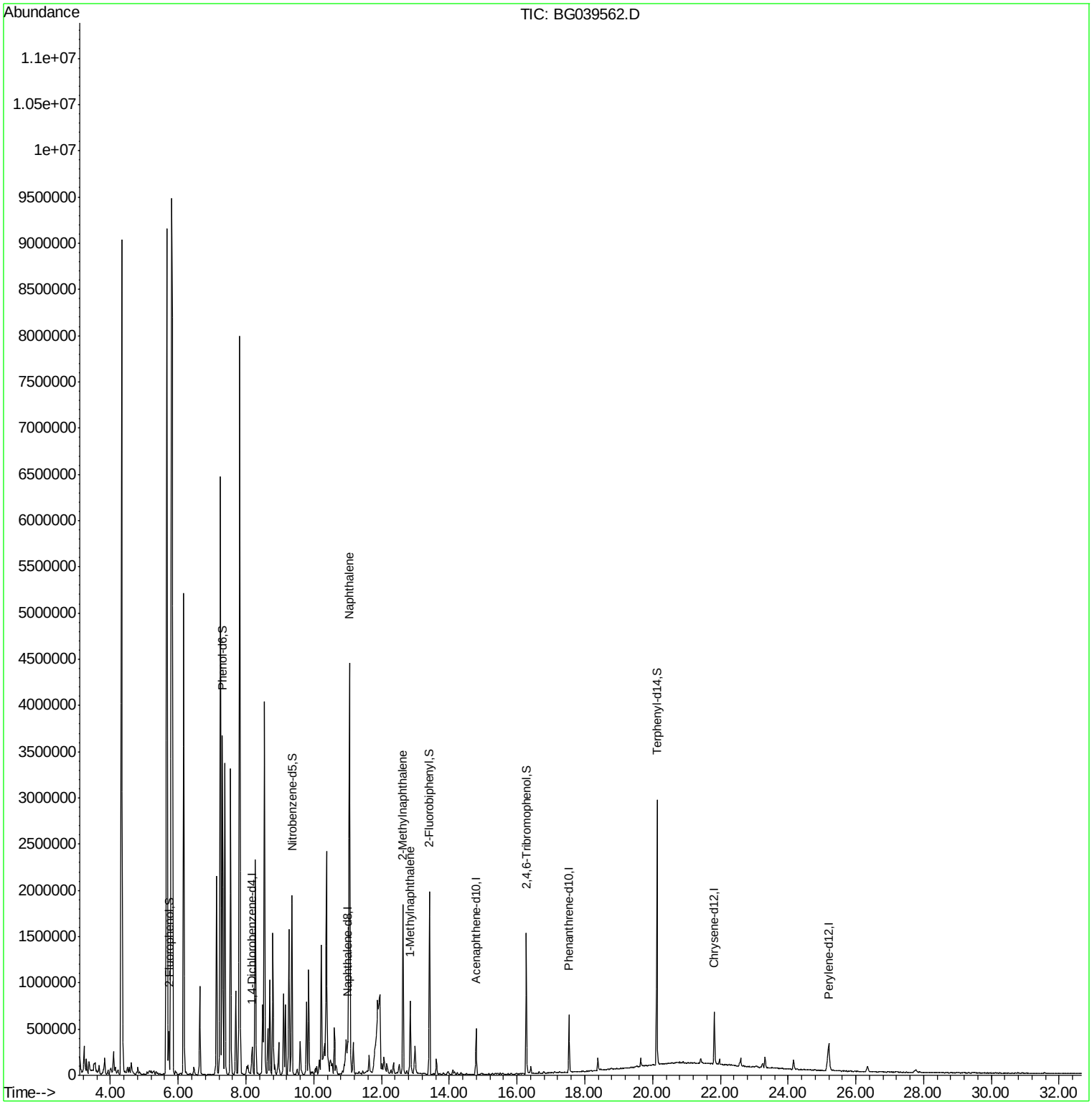
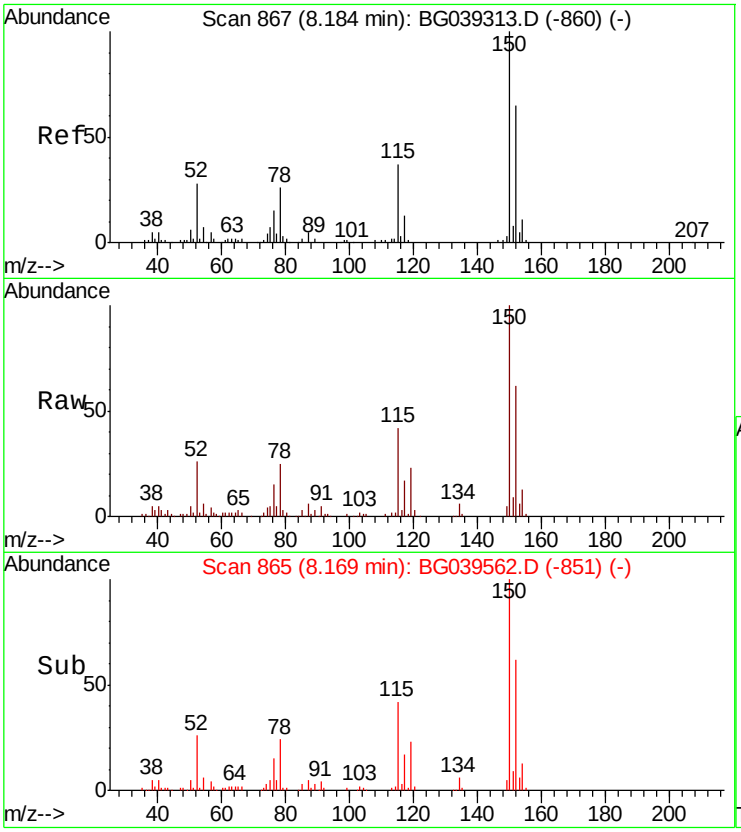


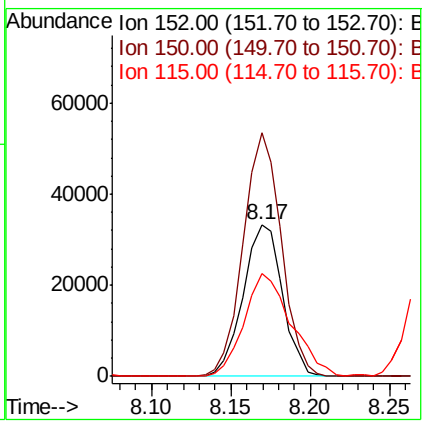


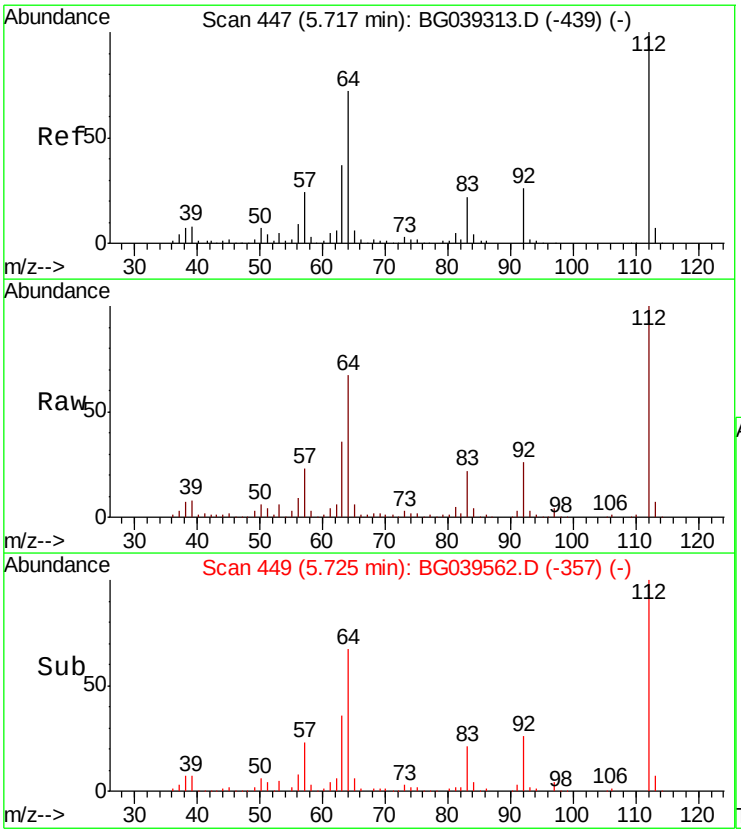
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 57279

Ion	Ratio	Lower	Upper
152	100		
150	160.3	123.7	185.5
115	68.0	45.9	68.9

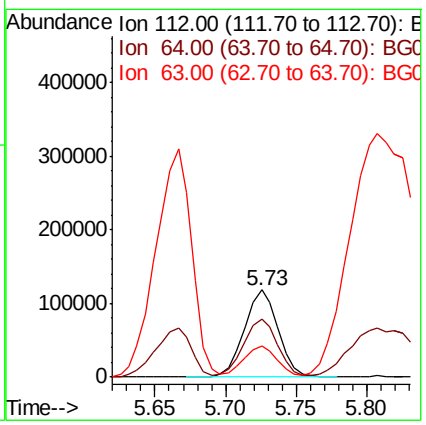


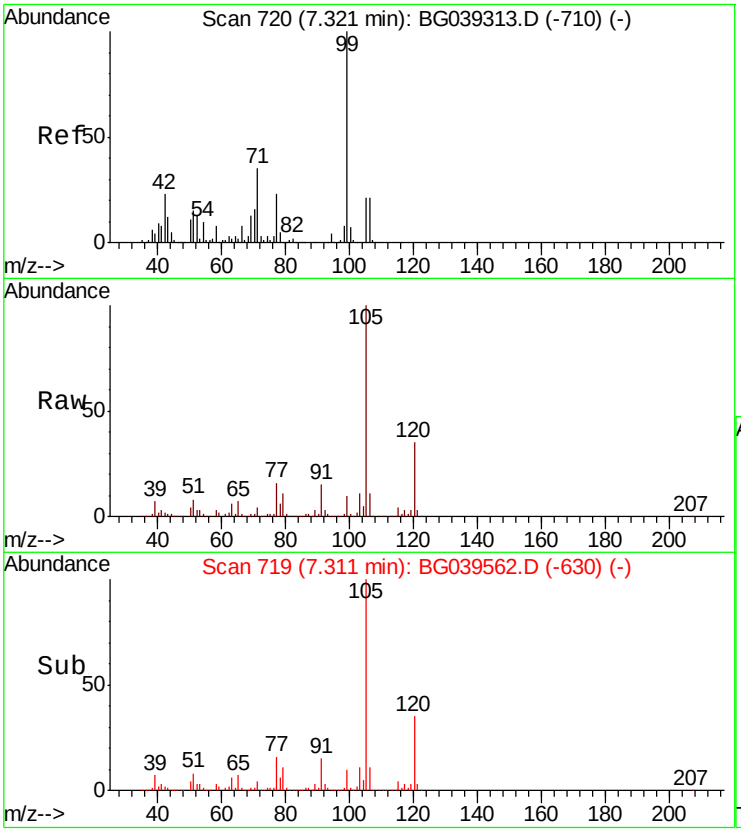


#5
2-Fluorophenol
Concen: 59.286 ng
RT: 5.73 min Scan# 449
Delta R.T. 0.01 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Tgt Ion:112 Resp: 198413

Ion	Ratio	Lower	Upper
112	100		
64	67.3	57.8	86.8
63	36.0	29.8	44.6



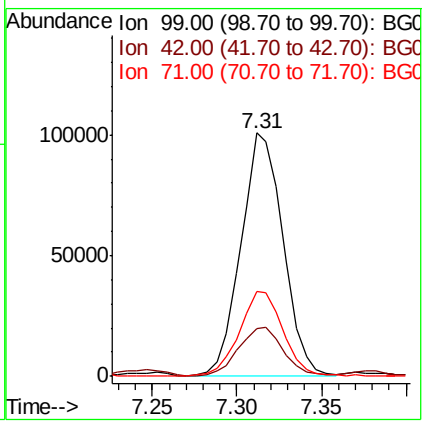


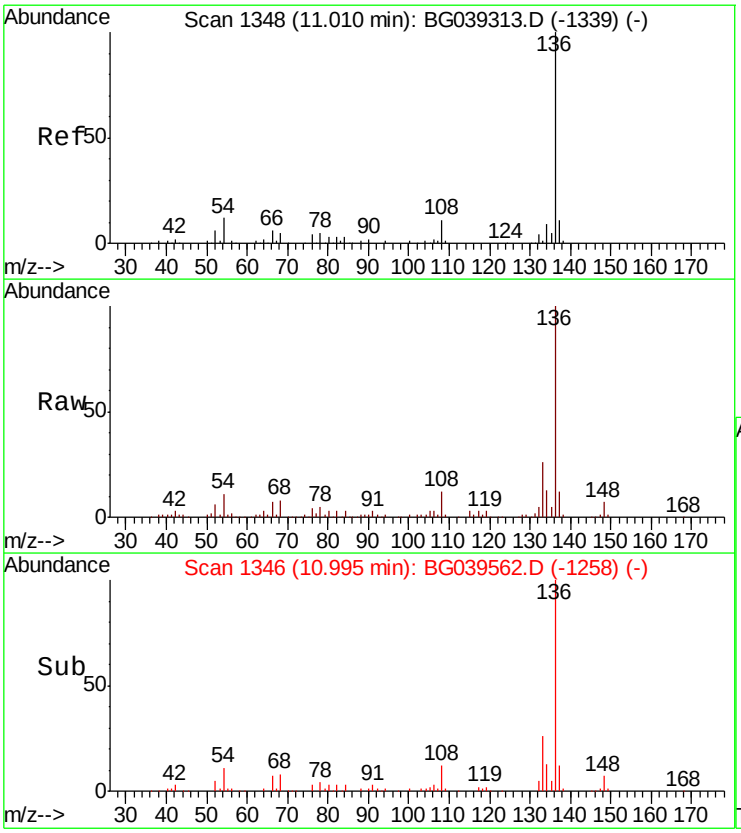
#7
Phenol-d6
Concen: 35.173 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 173272

Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.2	27.2
71	35.0	28.0	42.0

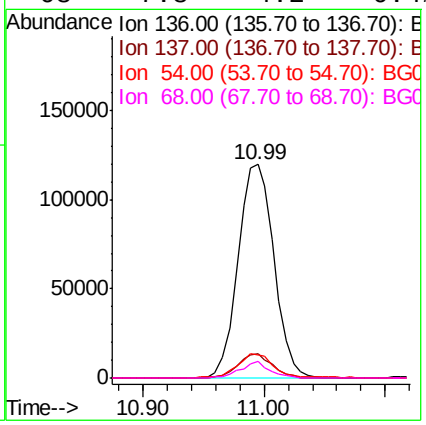


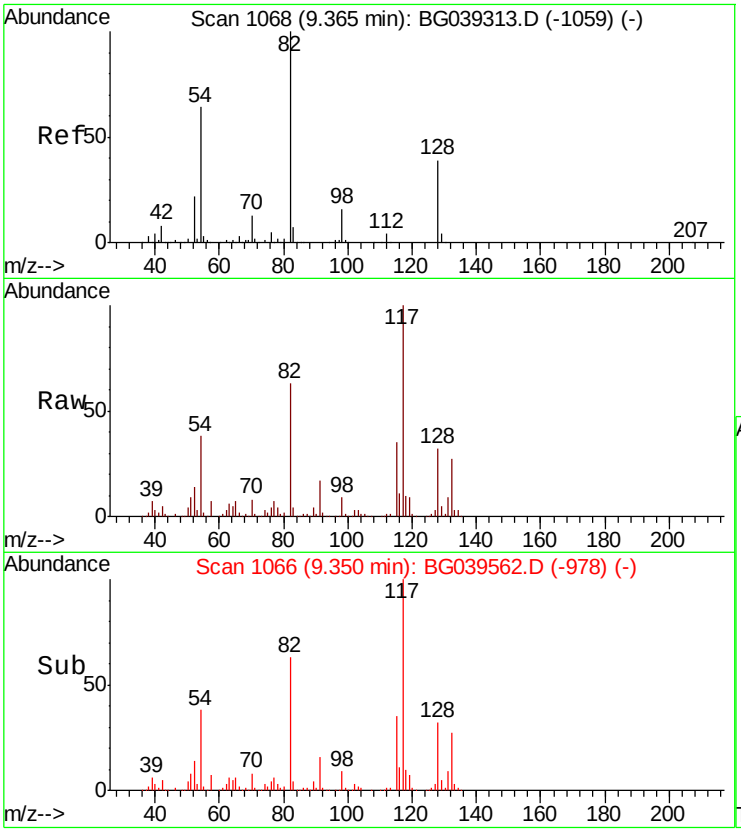


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Tgt Ion:136 Resp: 246869

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.9	9.4	14.2
68	7.8	4.2	6.4#



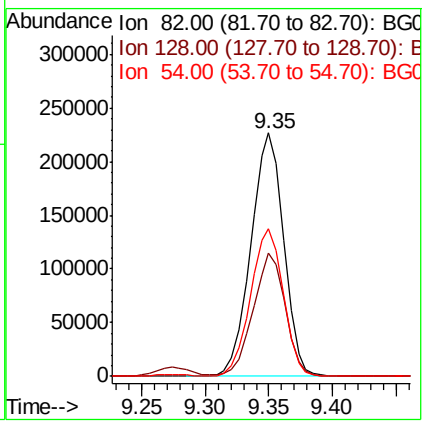


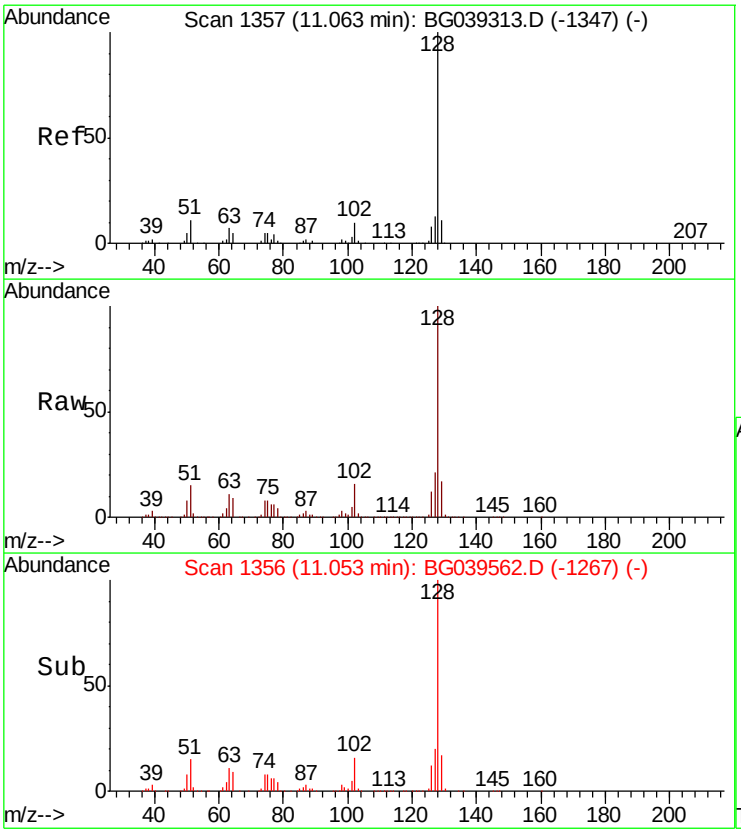
#23
Nitrobenzene-d5
Concen: 103.180 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 407735

Ion	Ratio	Lower	Upper
82	100		
128	50.4	31.3	46.9#
54	60.4	50.9	76.3

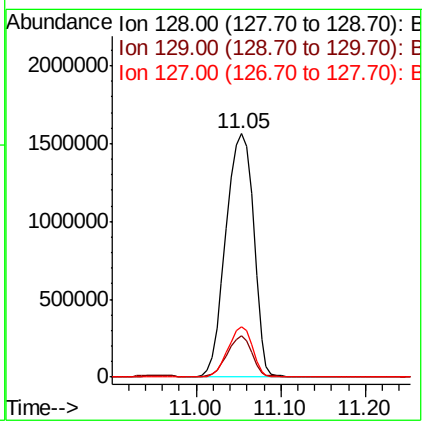


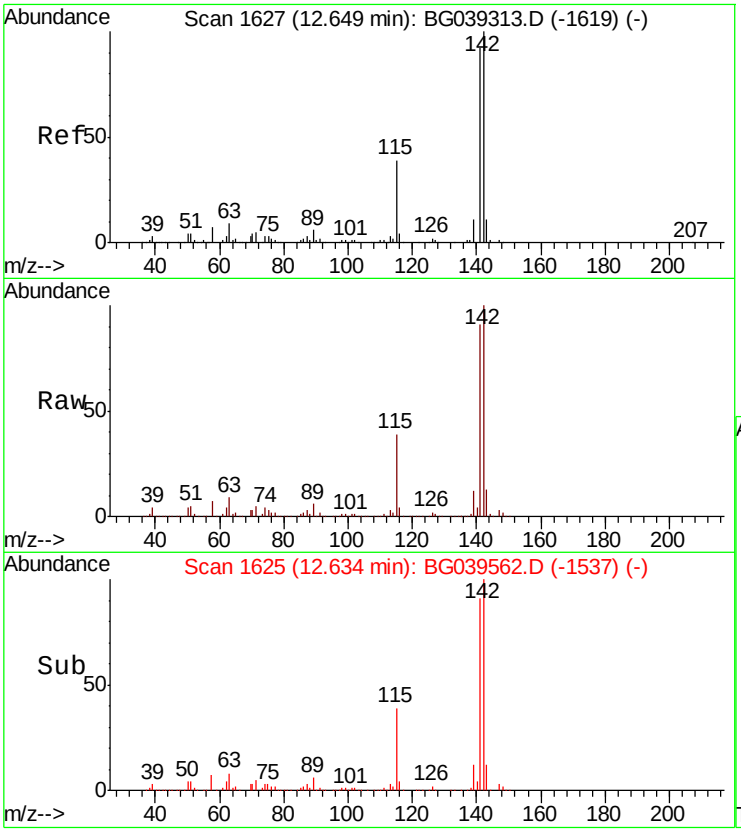


#31
Naphthalene
Concen: 289.684 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Tgt Ion:128 Resp: 3547759

Ion	Ratio	Lower	Upper
128	100		
129	16.9	8.7	13.1#
127	20.5	10.8	16.2#



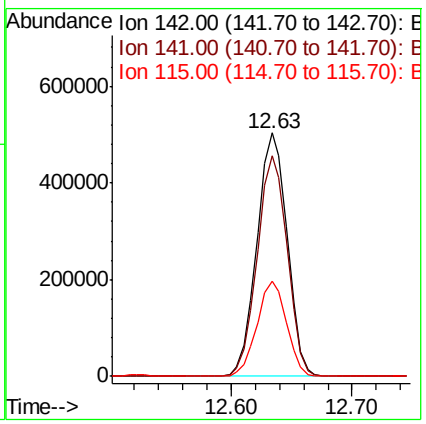


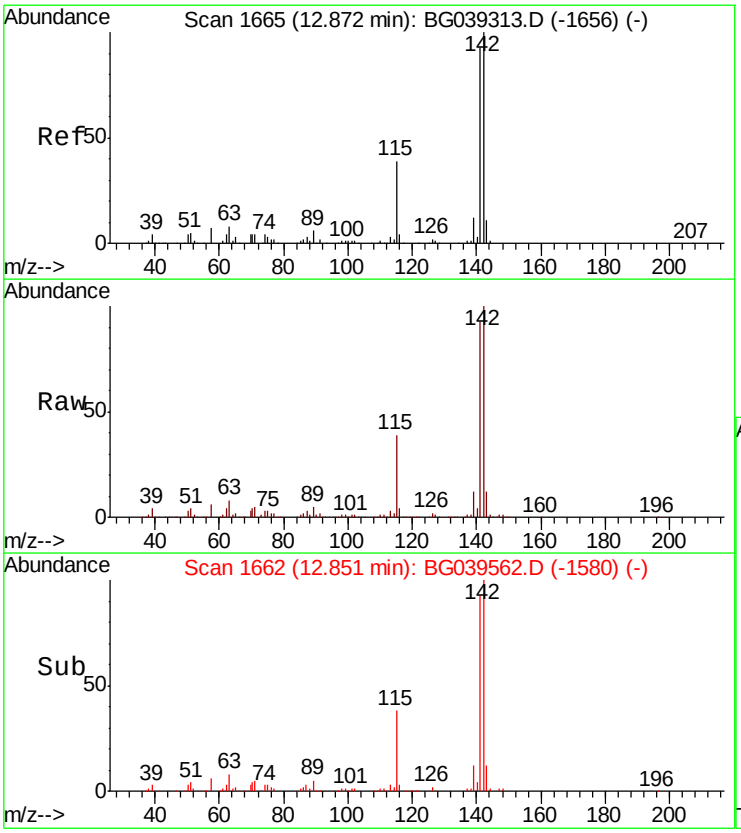
#37
2-Methylnaphthalene
Concen: 96.163 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:142 Resp: 872280

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.5	110.3
115	39.3	30.8	46.2

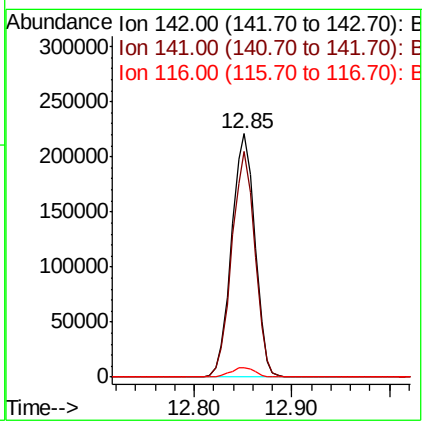


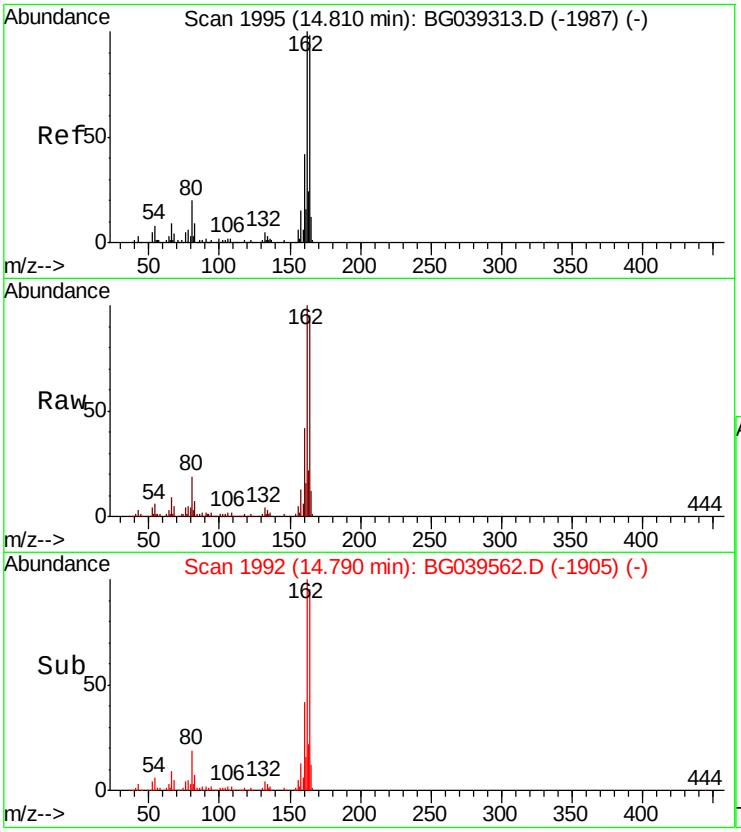


#38
1-Methylnaphthalene
Concen: 42.111 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Tgt Ion:142 Resp: 368211

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	3.9	3.0	4.6



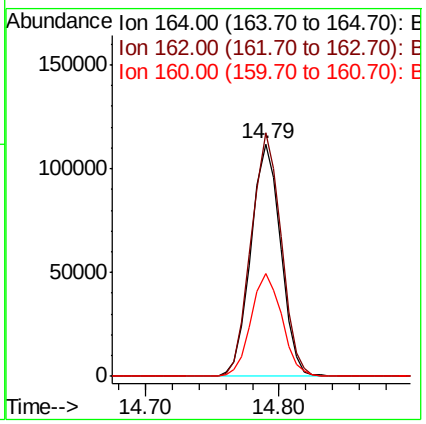


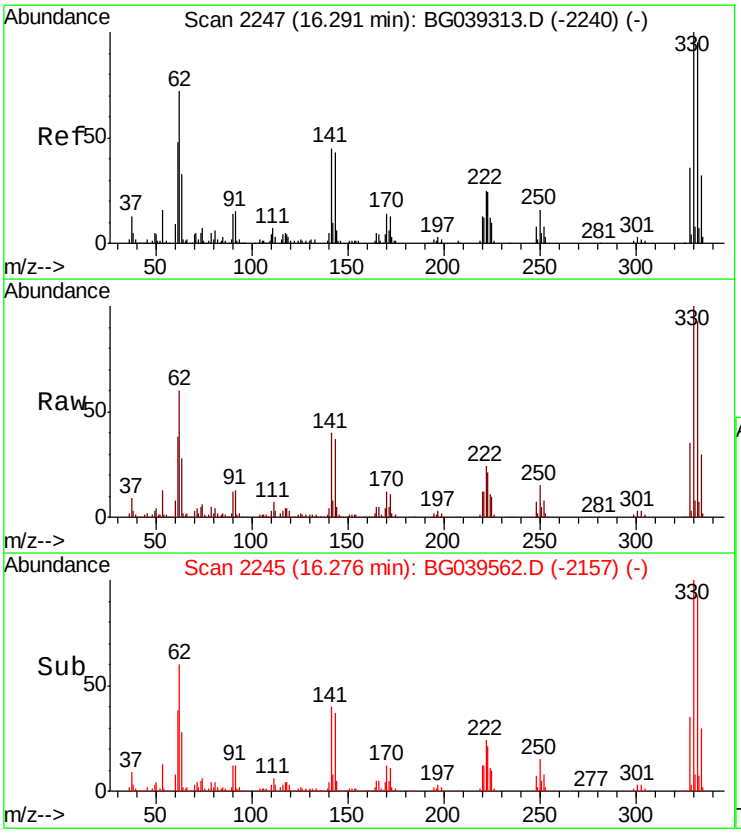
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 171782

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.6	122.4
160	44.1	34.2	51.2

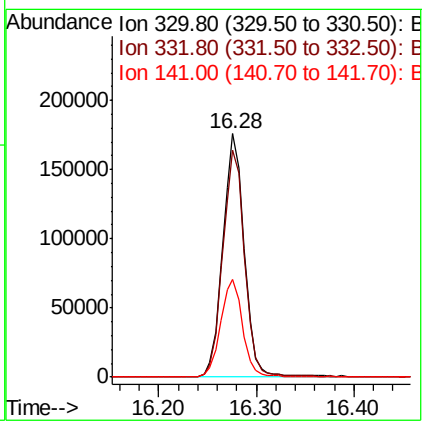


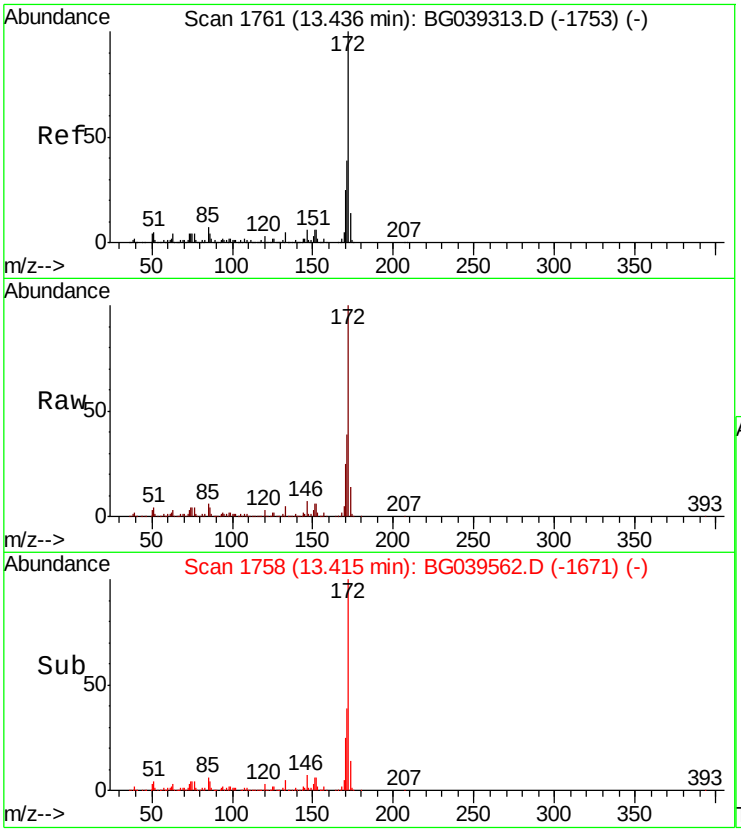


#42
2,4,6-Tribromophenol
Concen: 145.033 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Tgt Ion:330 Resp: 268281

Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.7	113.5
141	41.3	35.6	53.4



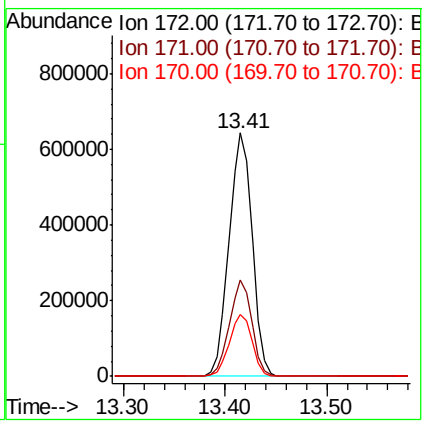


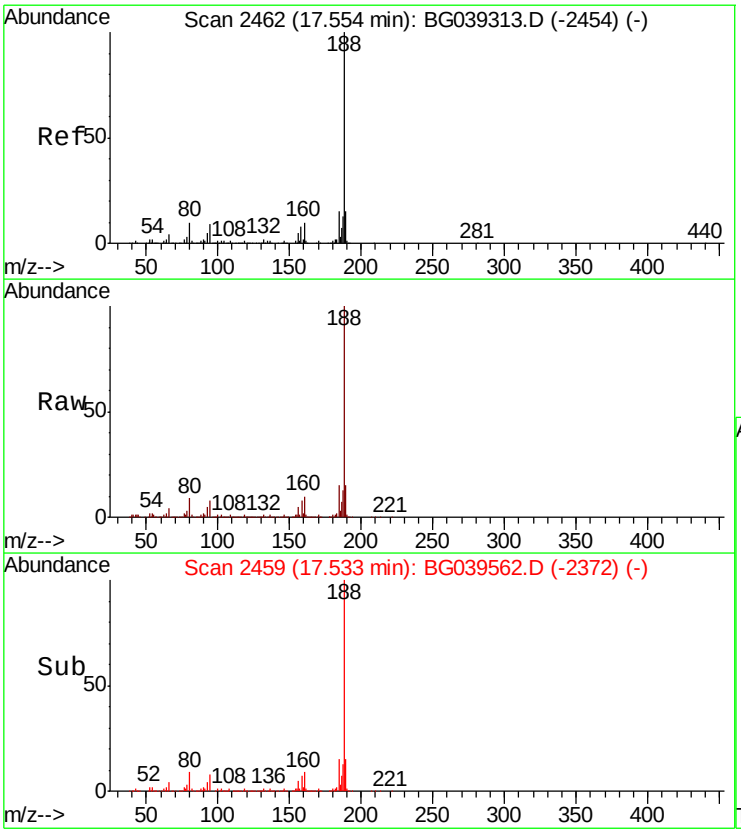
#45
2-Fluorobiphenyl
Concen: 85.120 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:172 Resp: 1019279

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.8	46.2
170	25.5	20.2	30.4

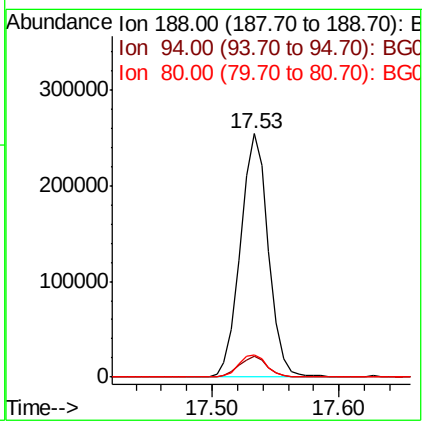


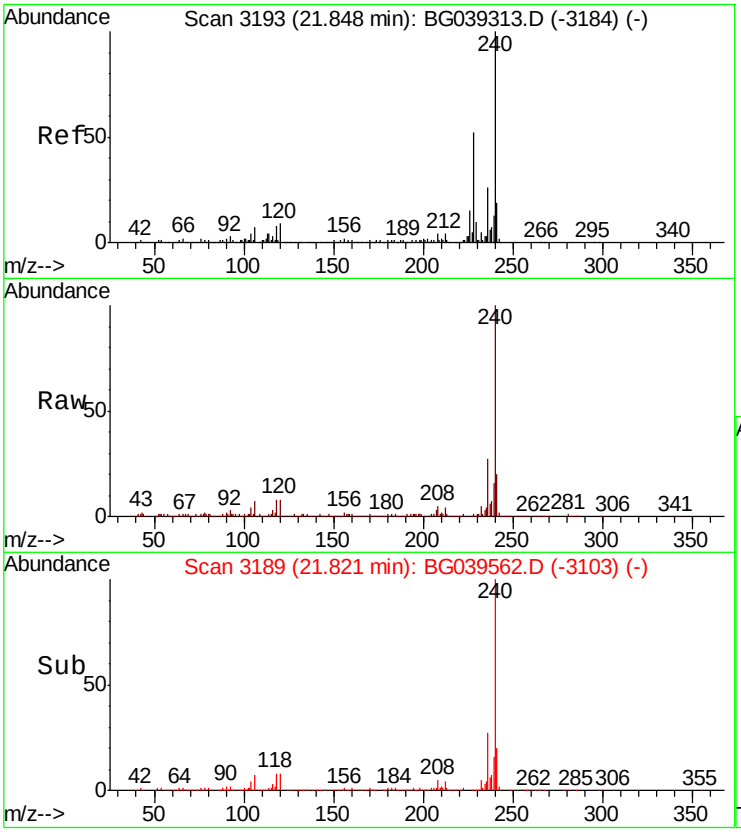


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Tgt Ion:188 Resp: 387382

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.3	8.1	12.1



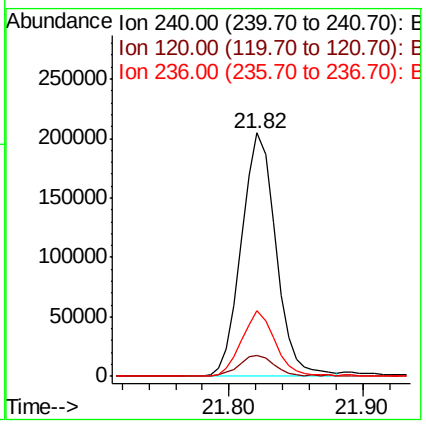


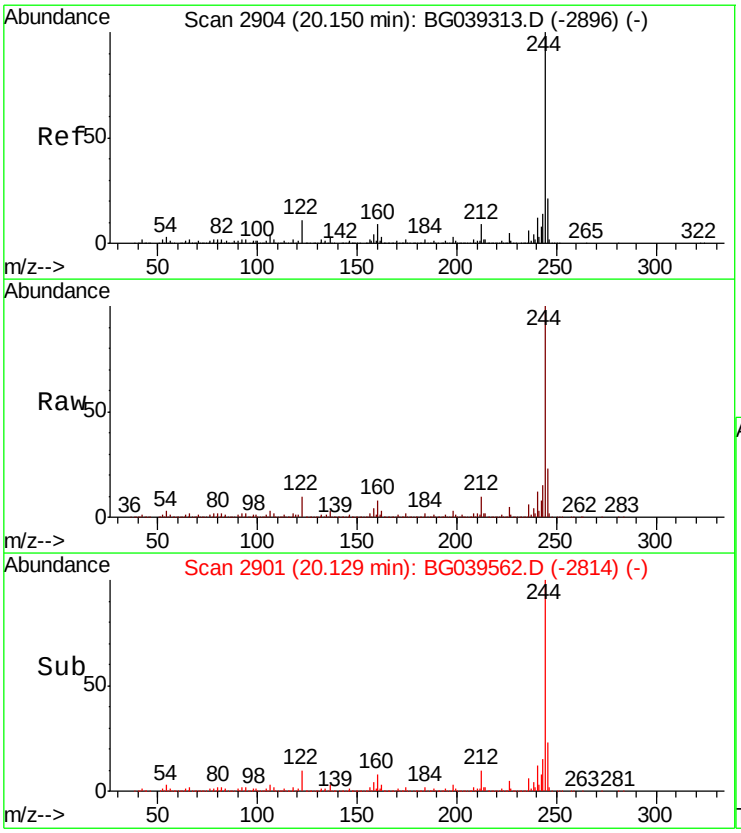
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:240 Resp: 364807

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	27.0	21.0	31.4

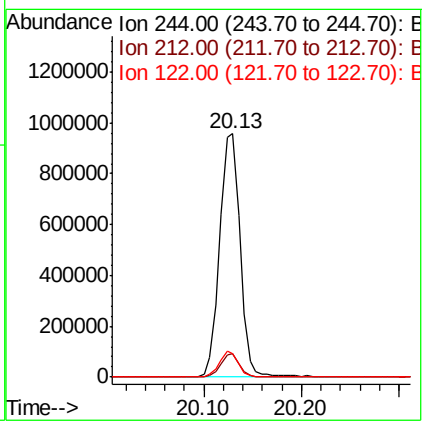


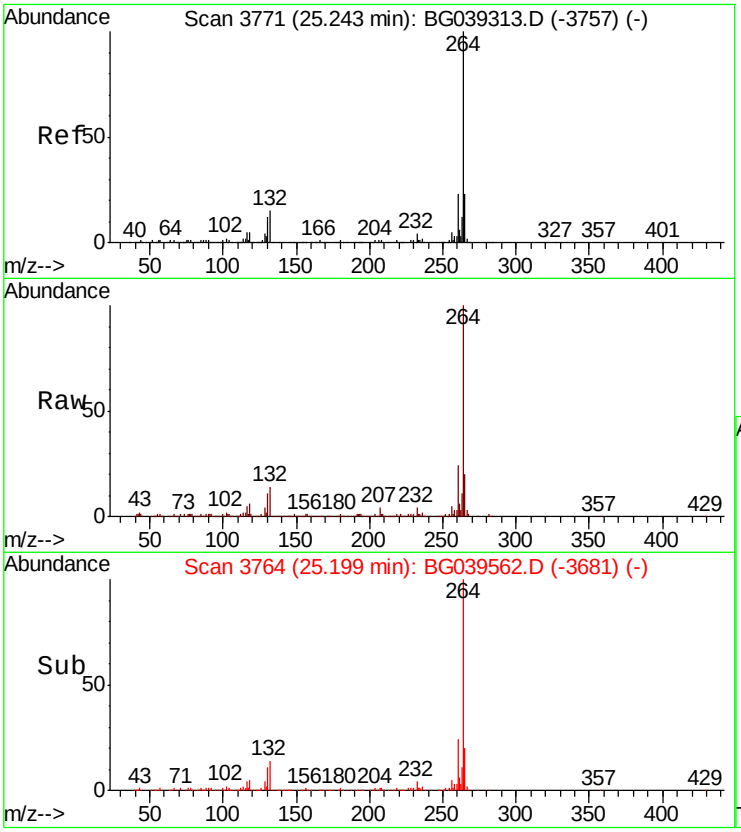


#79
Terphenyl-d14
Concen: 81.044 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Tgt Ion:244 Resp: 1396769

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.3	10.9
122	9.7	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039562.D
Acq: 19 Feb 2019 19:43

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 357193

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	20.2	18.5	27.7