Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
Data File : BG039418.D
Acq On : 8 Feb 2019 16:39
Operator : JU/SJ
Sample : K1404-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C12-SS1-7.5-8.0

Quant Time: Feb 09 00:06:50 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	8.18	152	57222	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	256444	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	173437	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	420336	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	450302	20.00	ng	-0.02
87) Perylene-d12	25.21	264	458437	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	529663	158.42	ng	0.00
7) Phenol-d6	7.31	99	765296	155.51	ng	0.00
23) Nitrobenzene-d5	9.35	82	455863	111.05	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	292881	156.82	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	974011	80.56	ng	-0.01
79) Terphenyl-d14	20.14	244	1540039	72.39	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.34	94	51364	10.012	ng	95
50) Dimethylphthalate	14.24	163	114476	8.173	ng	99

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

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BNA_G
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A0C12-SS1-7.5-8.0

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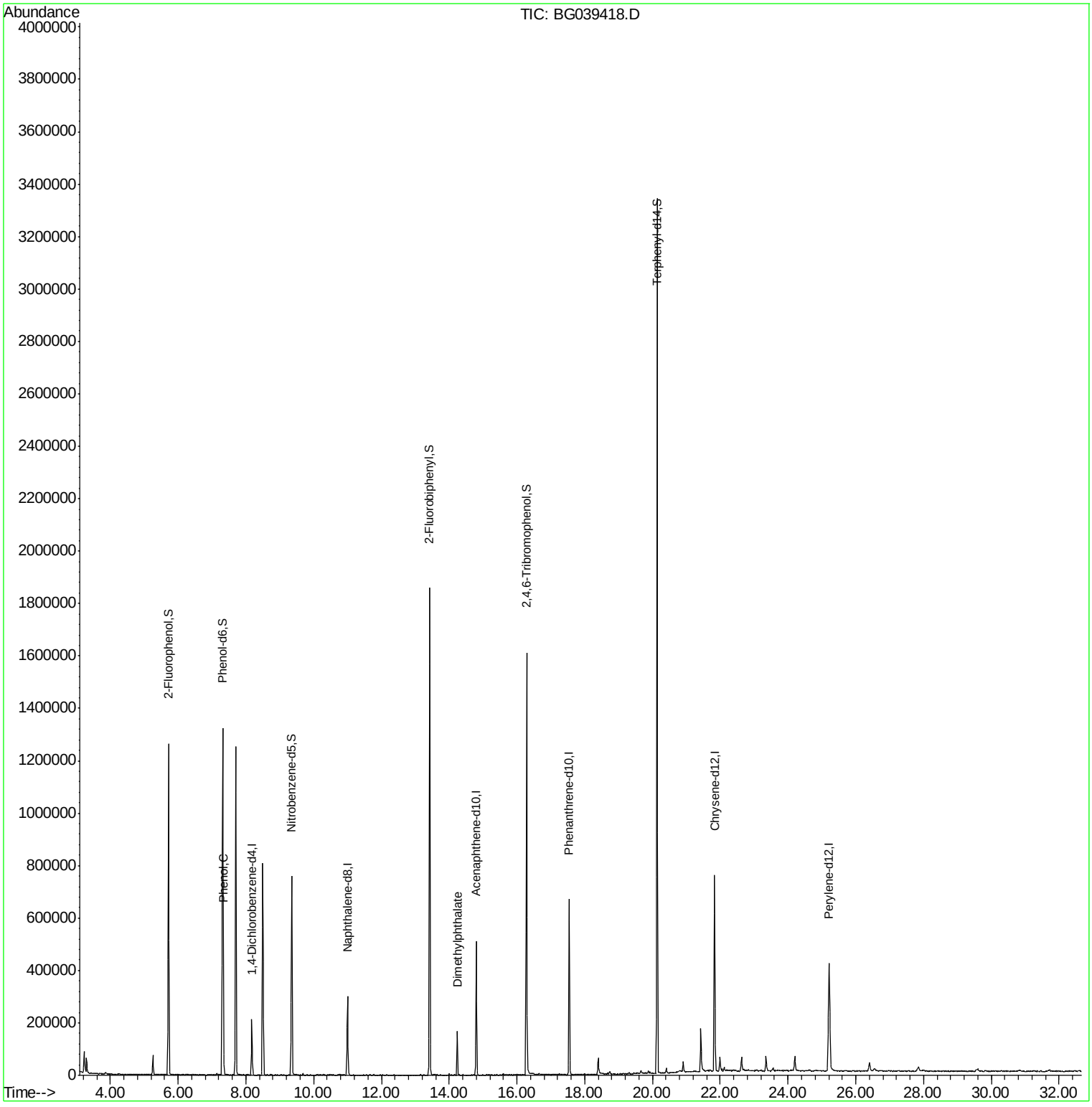
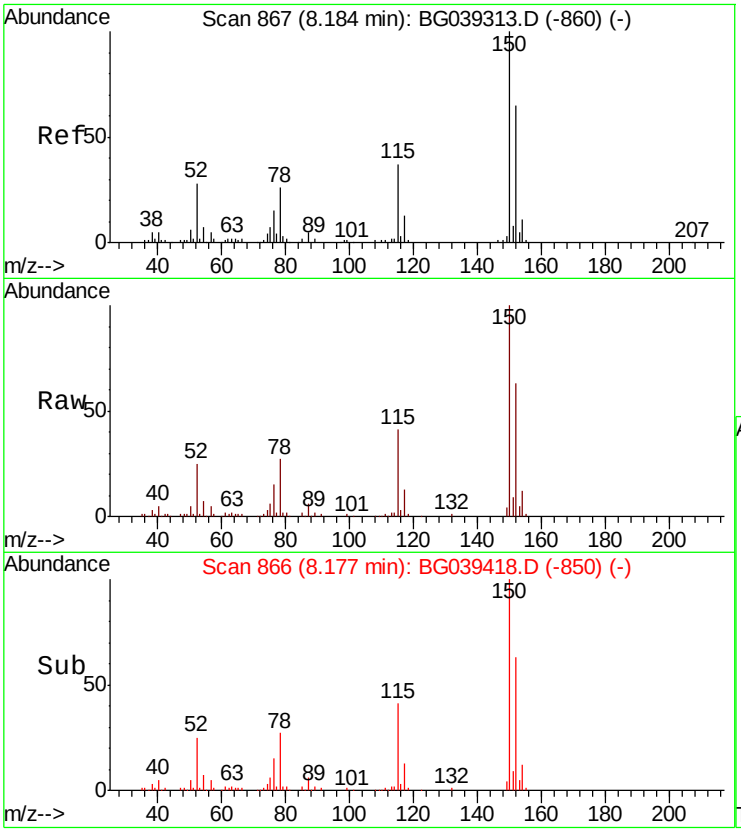


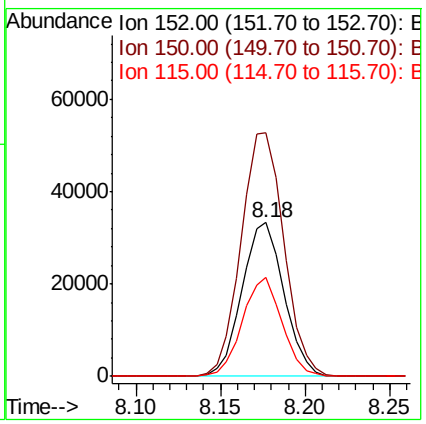


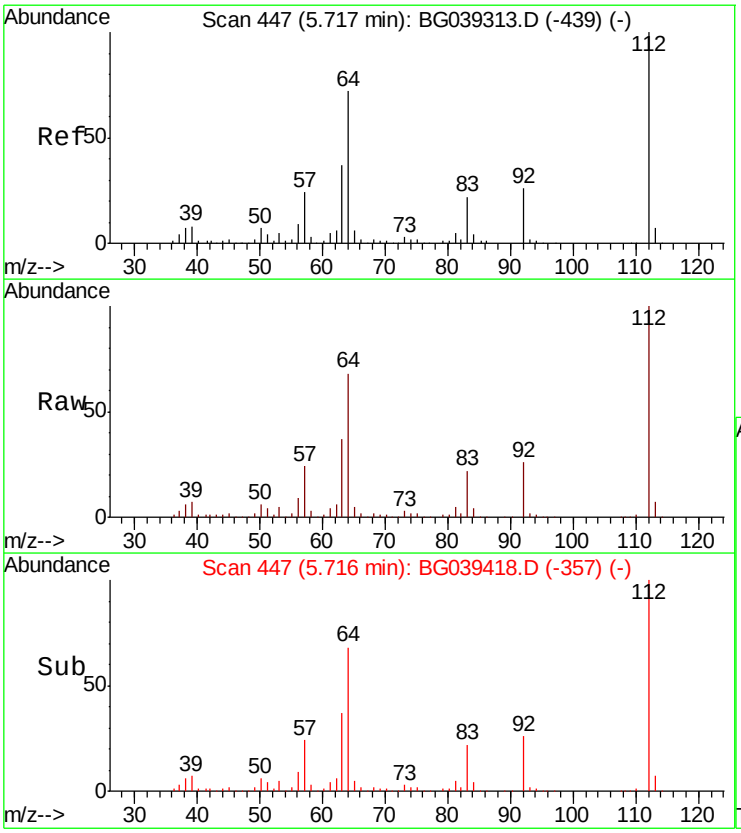
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:152 Resp: 57222

Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.7	185.5
115	64.3	45.9	68.9

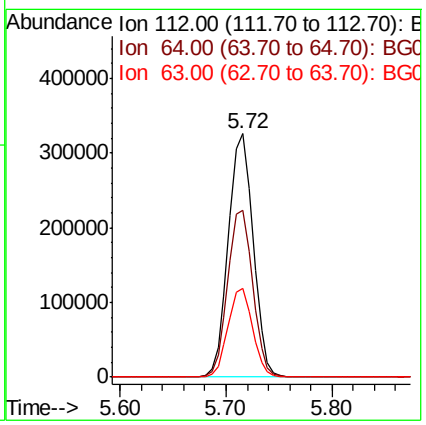


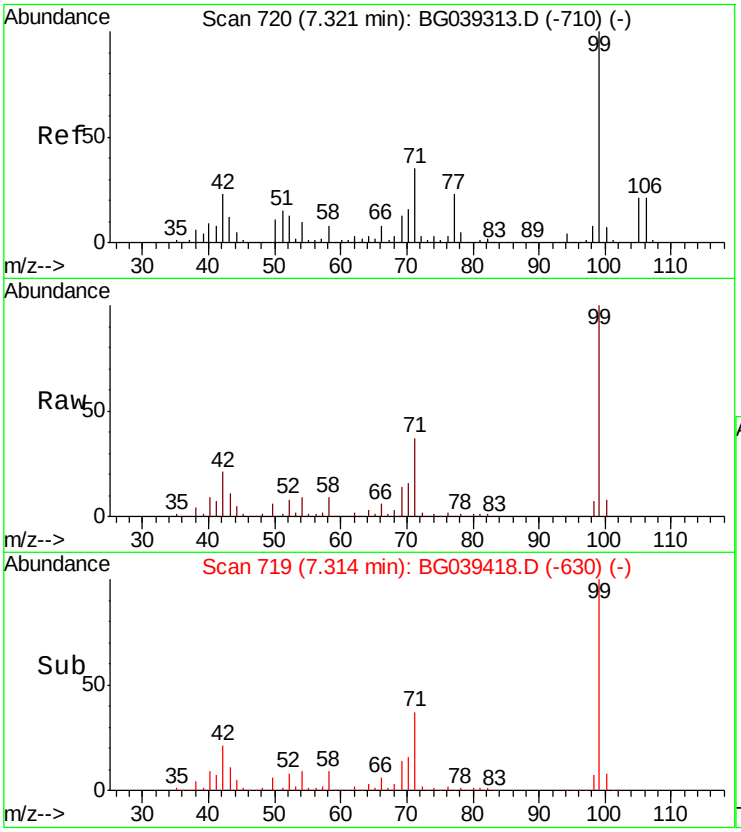


#5
2-Fluorophenol
Concen: 158.422 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Tgt Ion:112 Resp: 529663

Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.8	86.8
63	36.6	29.8	44.6



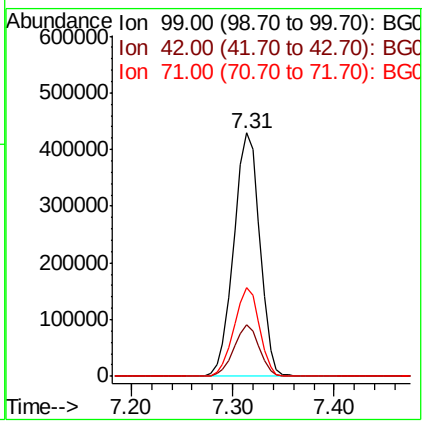


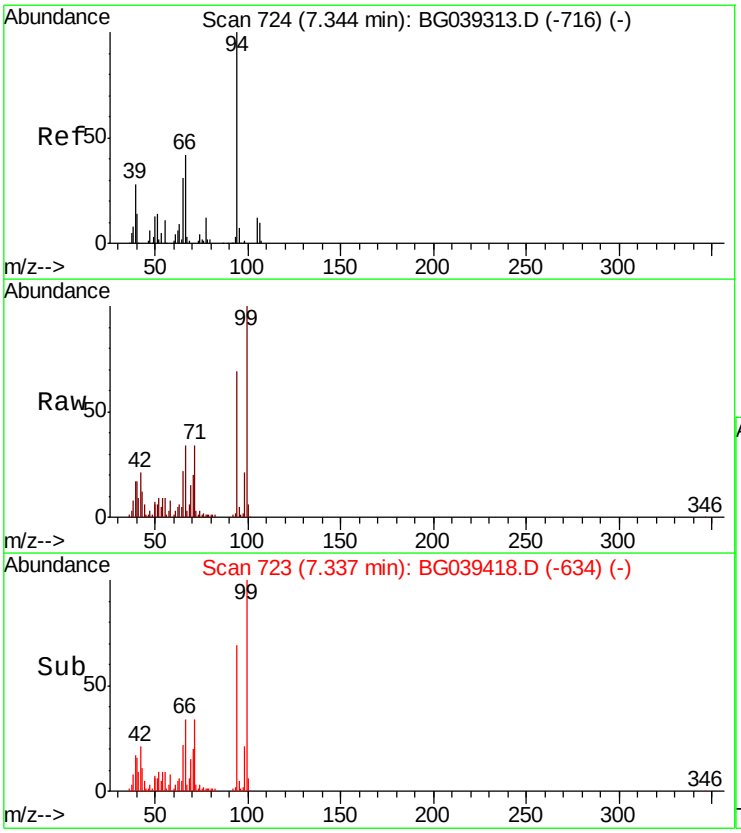
#7
Phenol-d6
Concen: 155.506 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion: 99 Resp: 765296

Ion	Ratio	Lower	Upper
99	100		
42	21.4	18.2	27.2
71	36.6	28.0	42.0

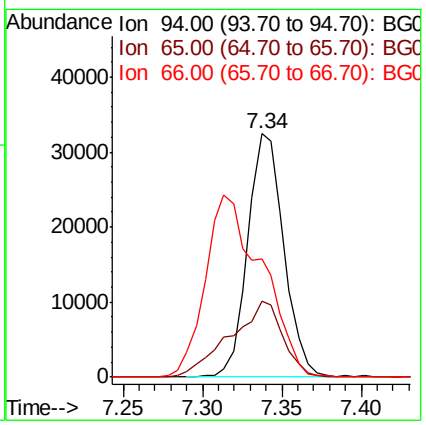


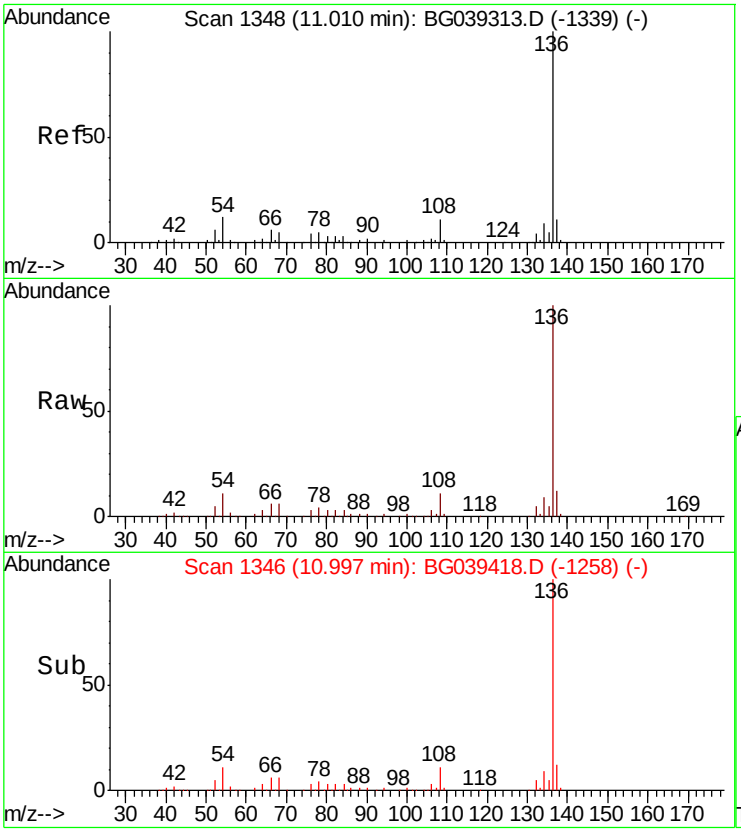


#10
Phenol
Concen: 10.012 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Tgt Ion: 94 Resp: 51364

Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.7	51.7
66	48.7	23.7	63.7



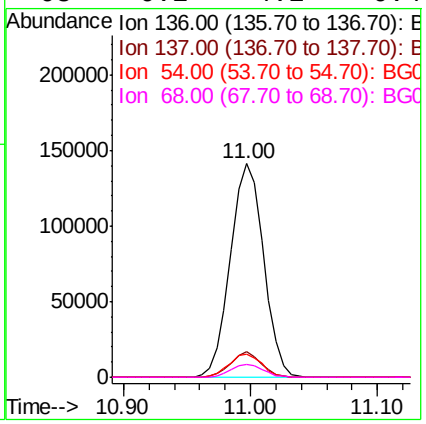


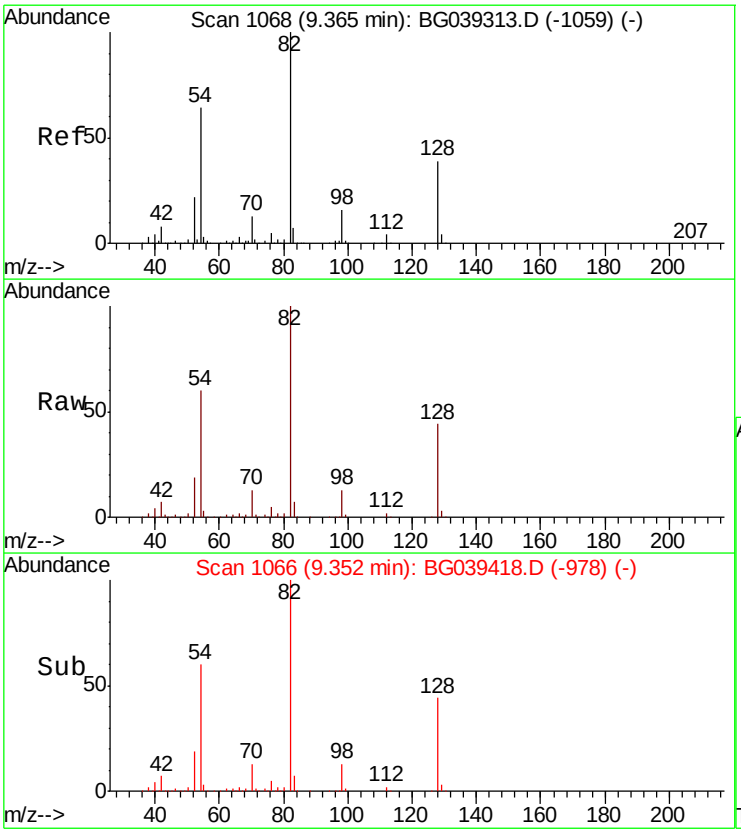
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:136 Resp: 256444

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.7	9.4	14.2
68	6.2	4.2	6.4

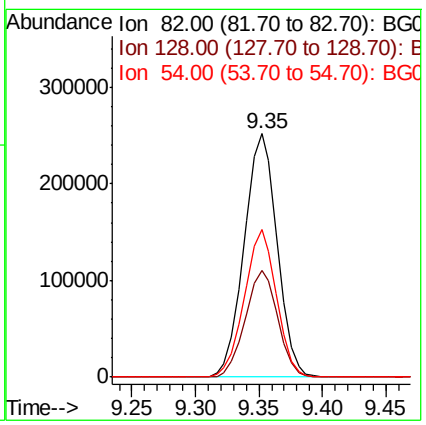


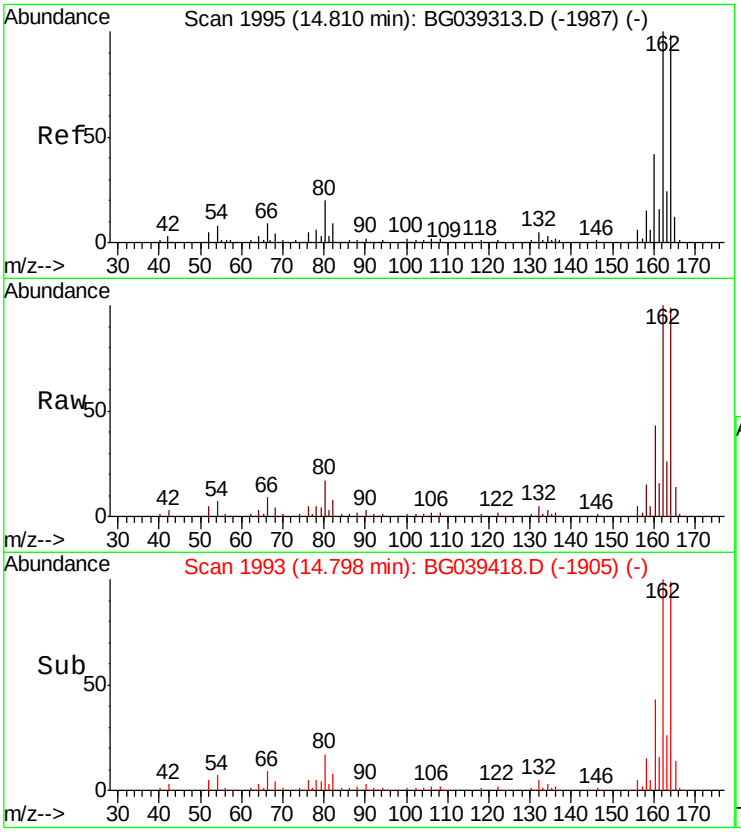


#23
Nitrobenzene-d5
Concen: 111.051 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Tgt Ion: 82 Resp: 455863

Ion	Ratio	Lower	Upper
82	100		
128	44.0	31.3	46.9
54	60.4	50.9	76.3



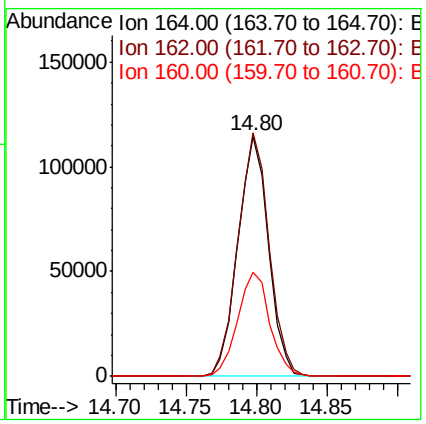


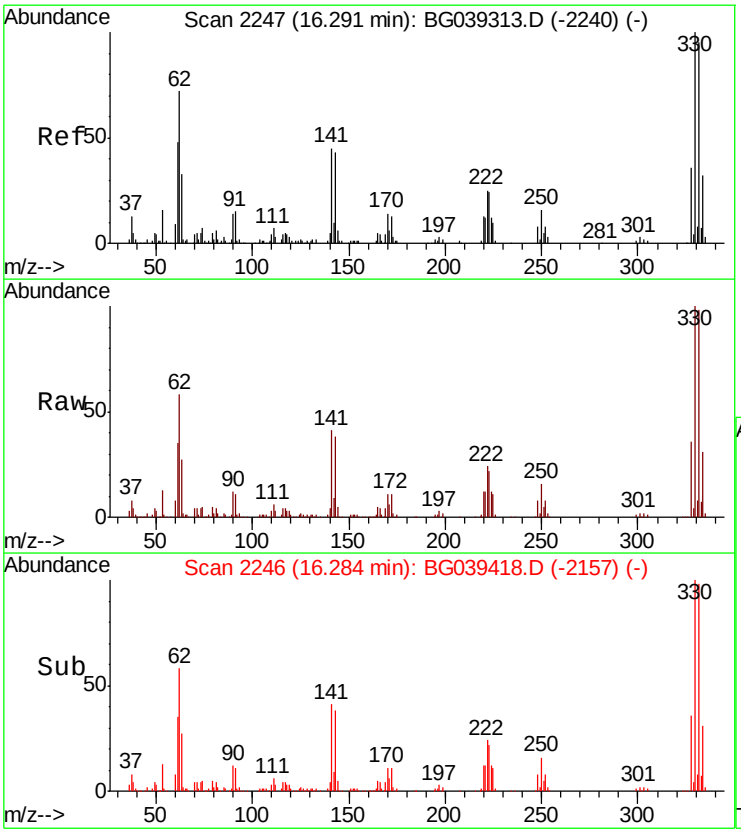
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:164 Resp: 173437

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.6	122.4
160	43.5	34.2	51.2

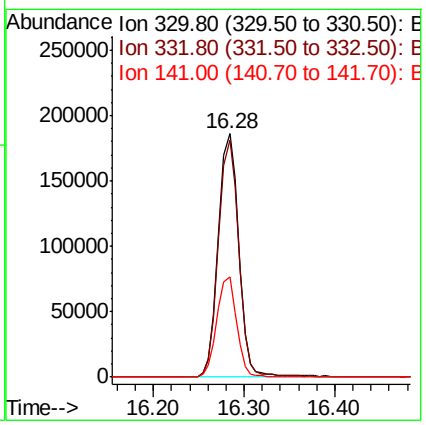


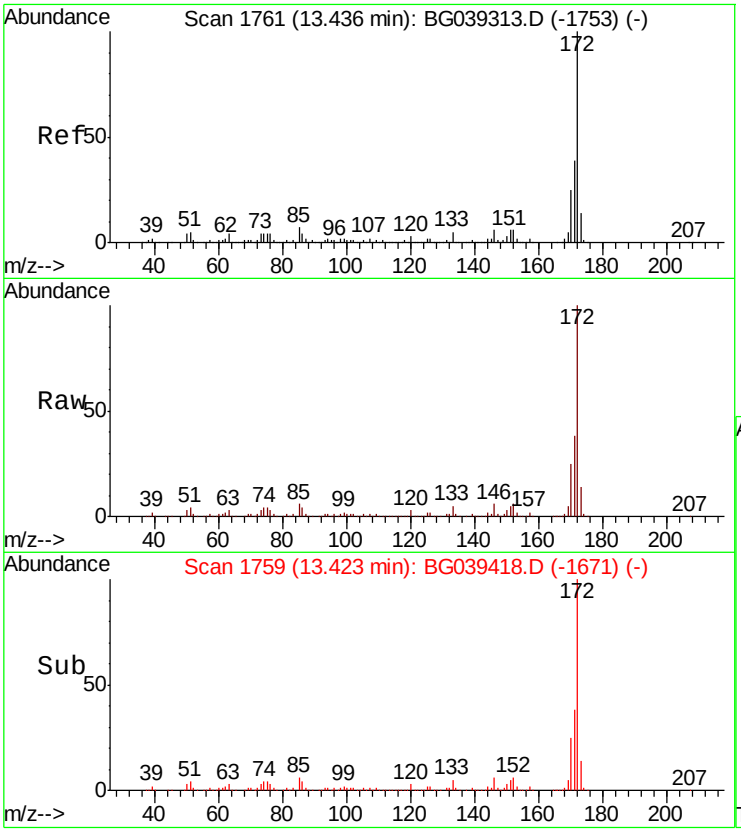


#42
2,4,6-Tribromophenol
Concen: 156.820 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Tgt Ion:330 Resp: 292881

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	40.0	35.6	53.4



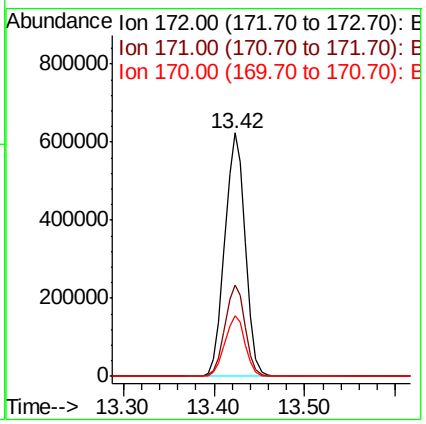


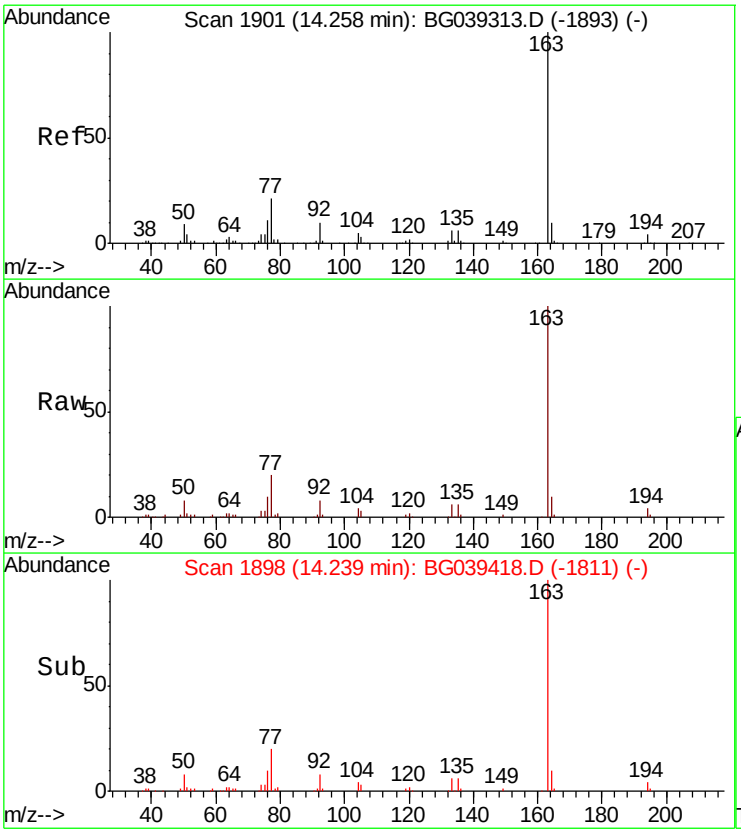
#45
2-Fluorobiphenyl
Concen: 80.563 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:172 Resp: 974011

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	24.7	20.2	30.4

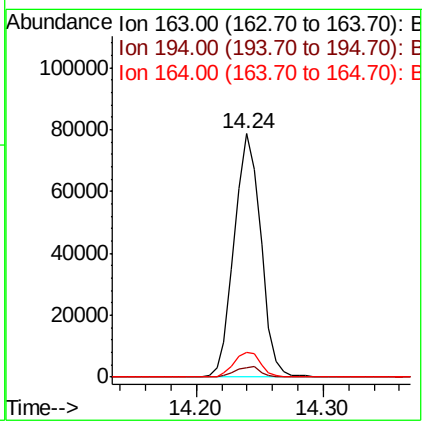


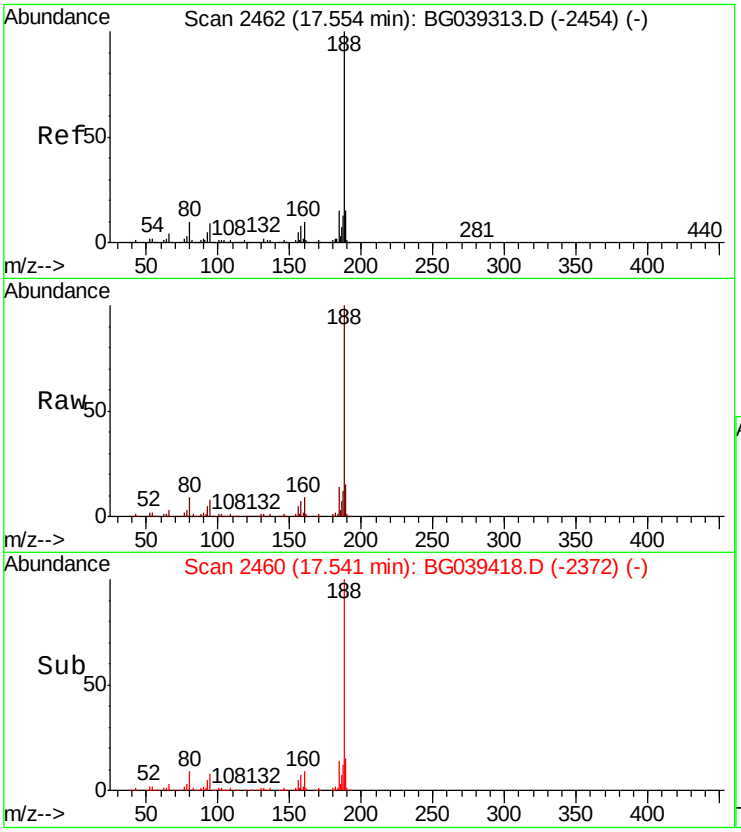


#50
Dimethylphthalate
Concen: 8.173 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Tgt Ion:163 Resp: 114476

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	10.4	8.4	12.6



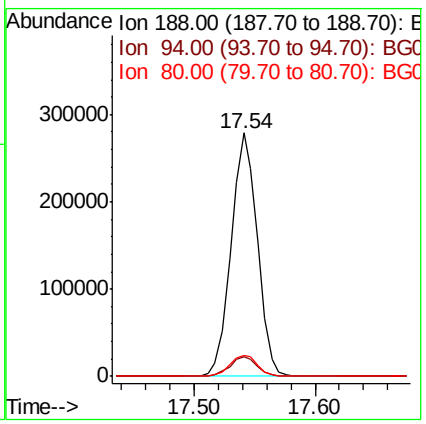


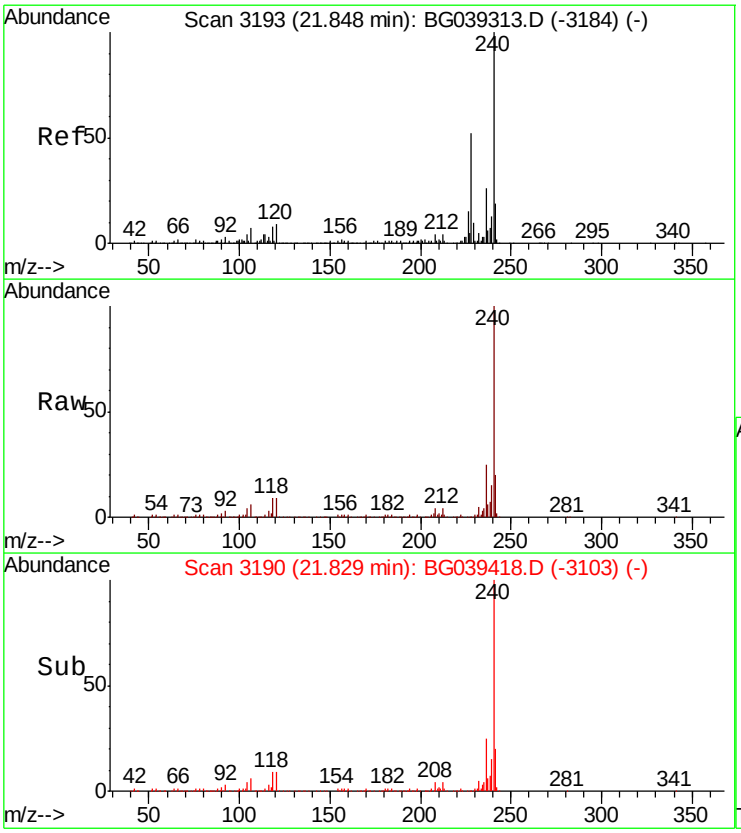
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:188 Resp: 420336

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.8	8.1	12.1

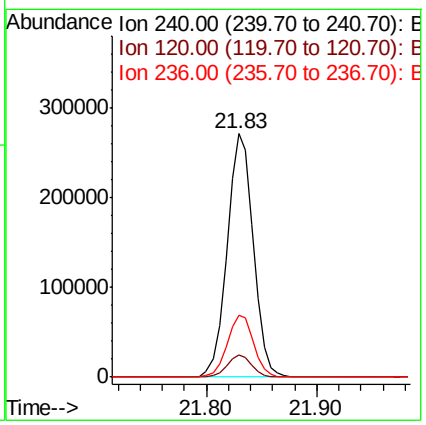


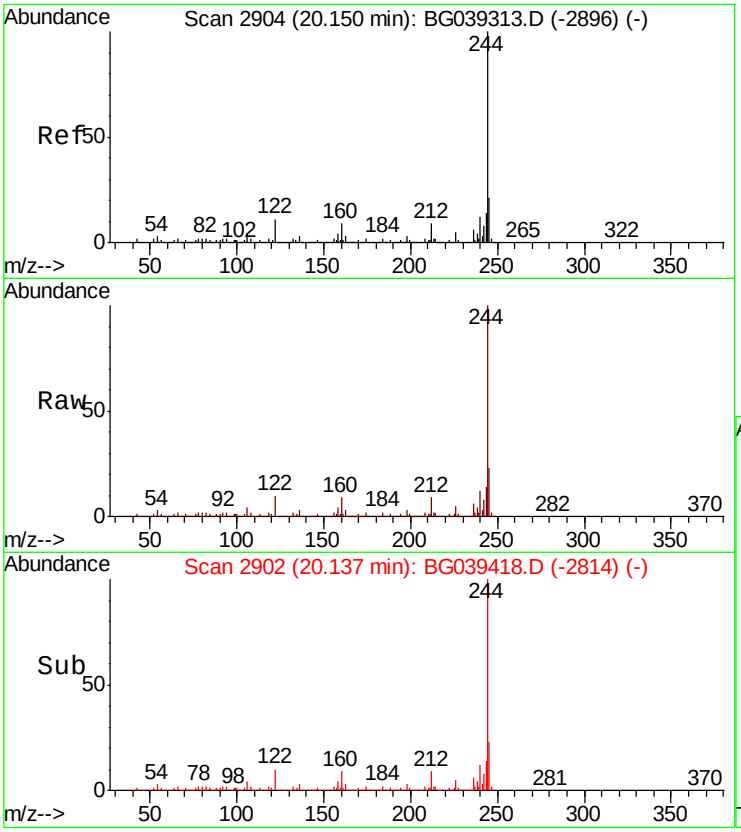


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Tgt Ion:240 Resp: 450302

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	25.2	21.0	31.4



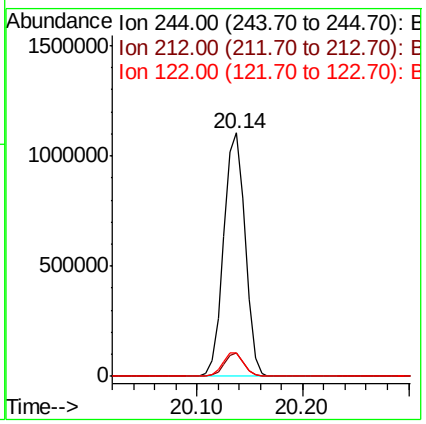


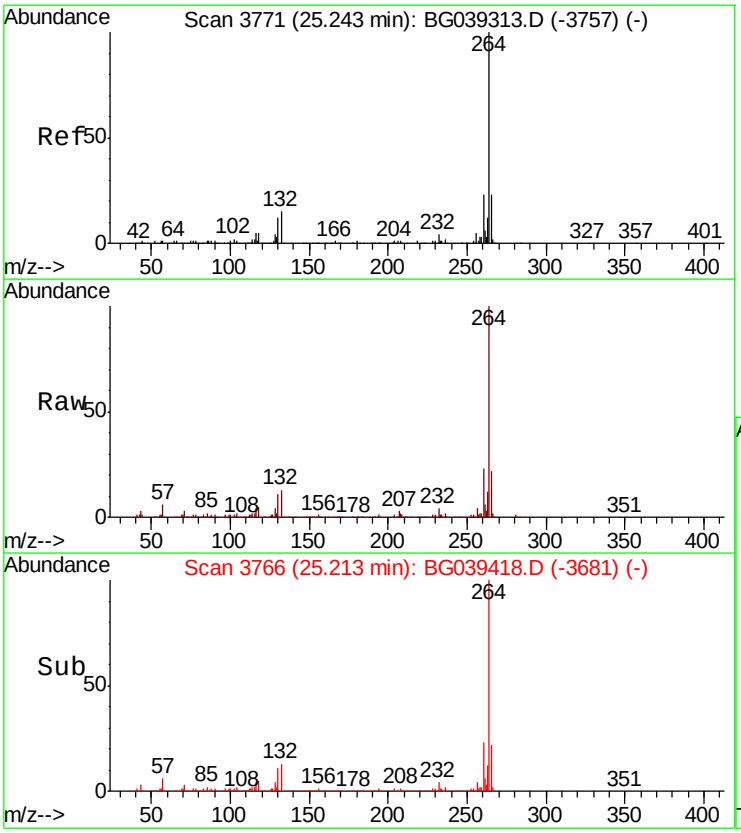
#79
Terphenyl-d14
Concen: 72.391 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:244 Resp: 1540039

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	9.6	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Tgt Ion:264 Resp: 458437

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.5	18.5	27.7