Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039671.D
Acq On : 28 Feb 2019 22:14
Operator : JU/SJ
Sample : K1628-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C6-2-0.5-1.0

Quant Time: Mar 01 06:52:32 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	48889	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	211385	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	141142	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	335096	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	330322	20.00	ng	-0.03
87) Perylene-d12	25.20	264	327711	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	445212	155.86	ng	0.00
7) Phenol-d6	7.31	99	649379	154.44	ng	-0.01
23) Nitrobenzene-d5	9.34	82	389606	115.14	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	241855	159.13	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	888384	90.29	ng	-0.02
79) Terphenyl-d14	20.13	244	1249045	80.04	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.34	94	10009	2.284	ng	86
50) Dimethylphthalate	14.23	163	62856	5.514	ng	98

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

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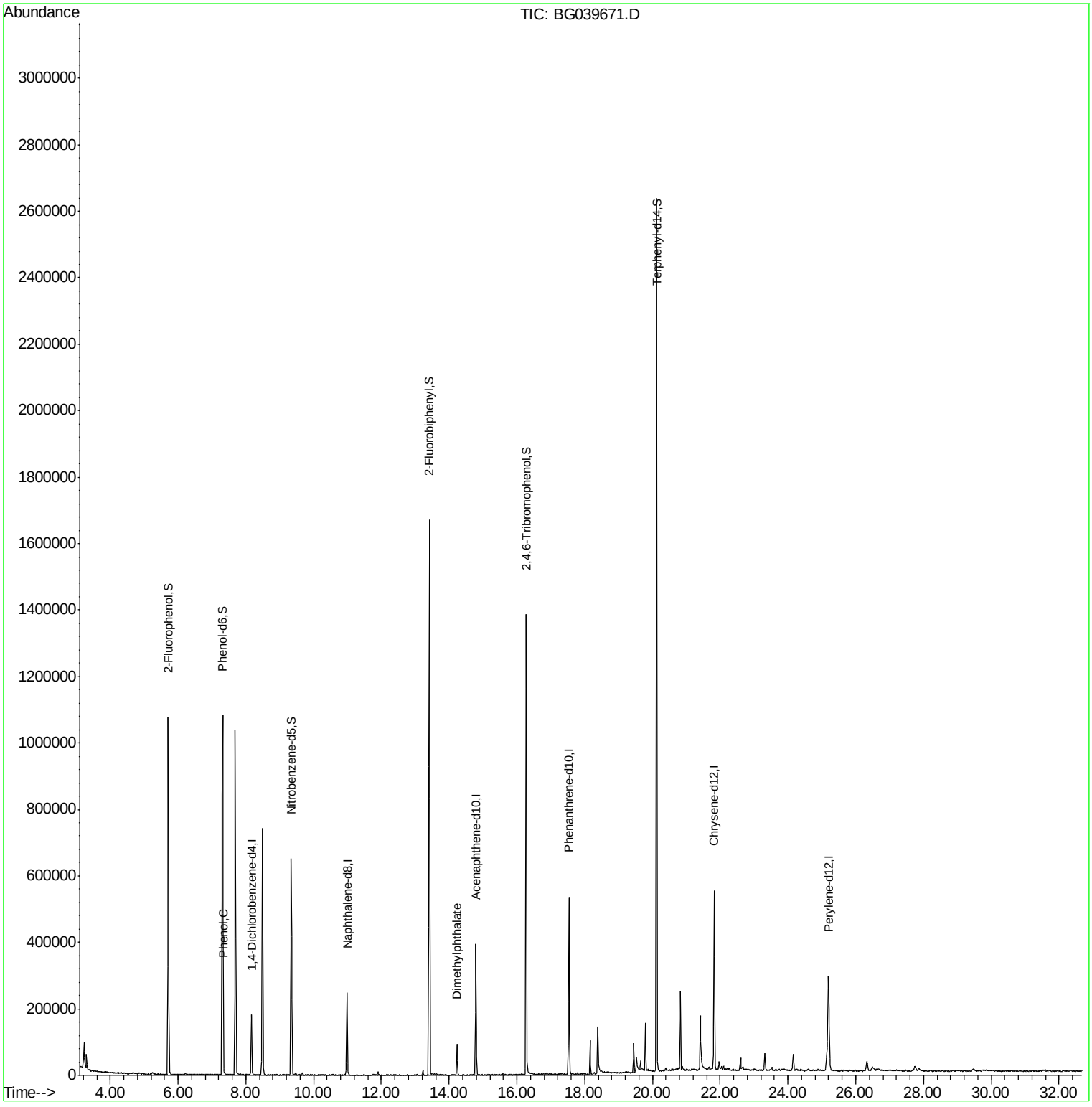
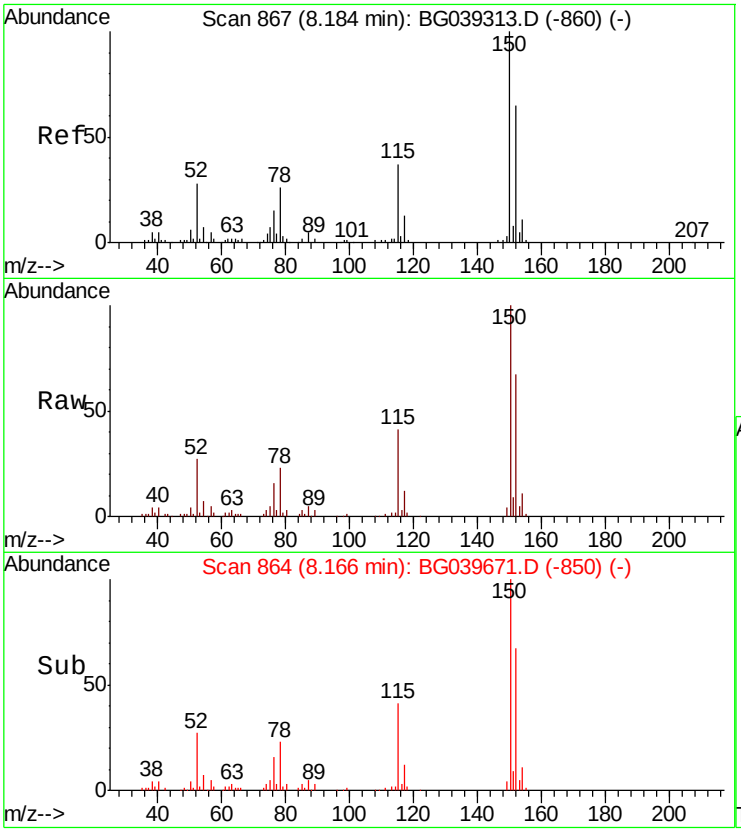


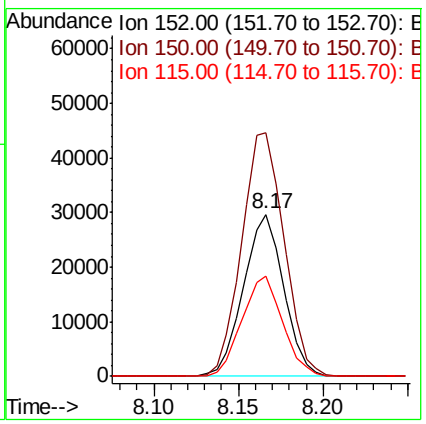


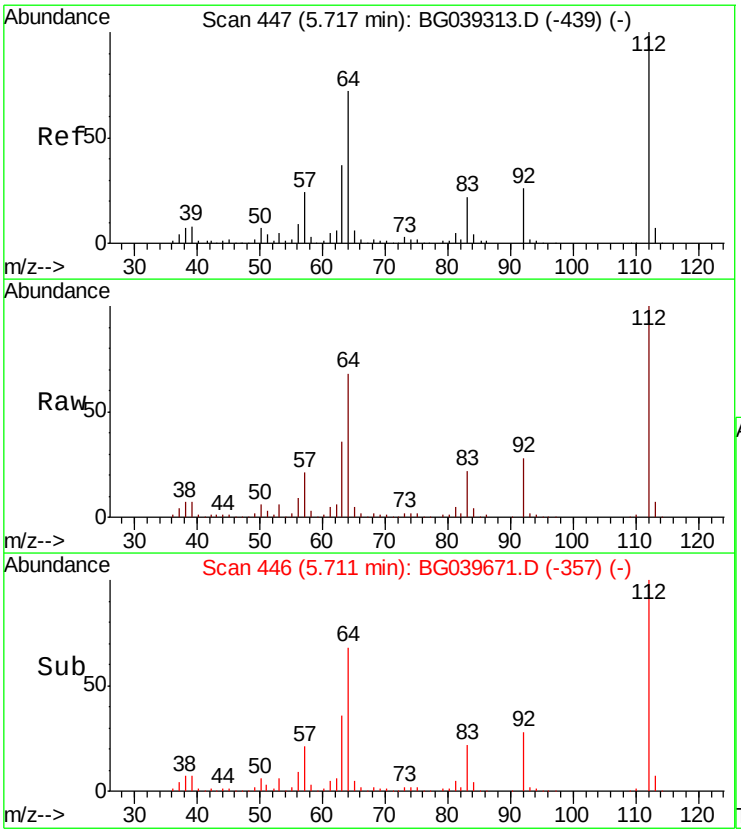
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Instrument :
BNA_G
ClientSampleId :
A0C6-2-0.5-1.0

Tgt Ion:152 Resp: 48889

Ion	Ratio	Lower	Upper
152	100		
150	150.3	123.7	185.5
115	62.1	45.9	68.9

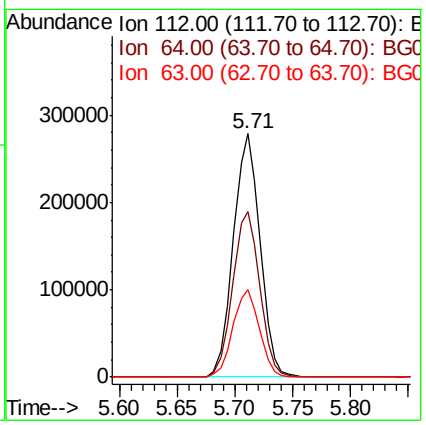


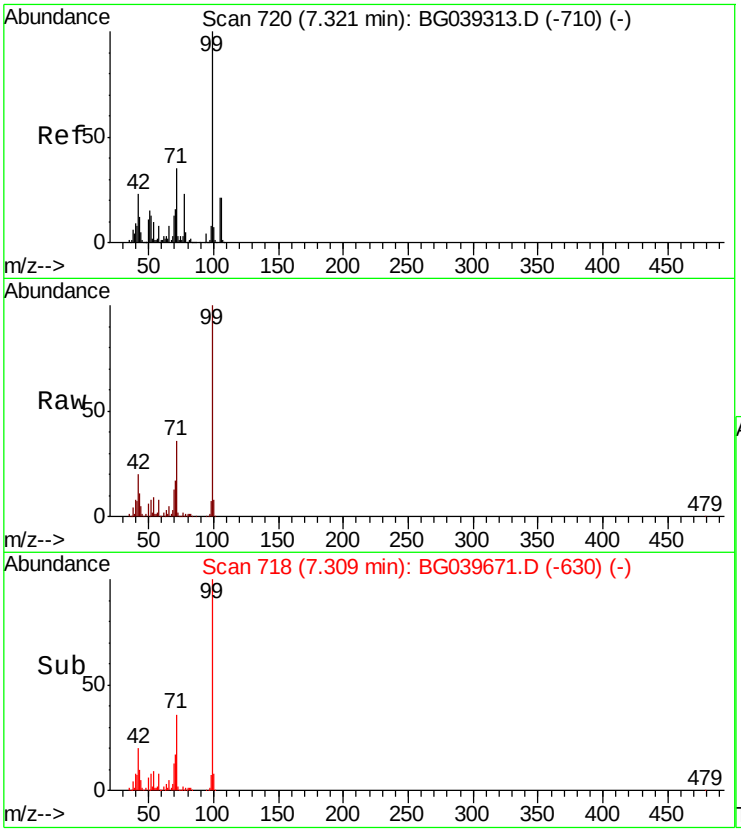


#5
2-Fluorophenol
Concen: 155.860 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Tgt Ion:112 Resp: 445212

Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.8	86.8
63	35.9	29.8	44.6



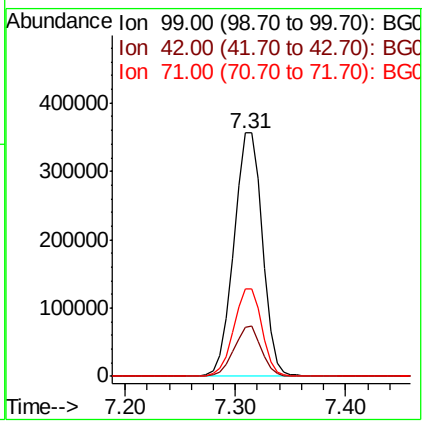


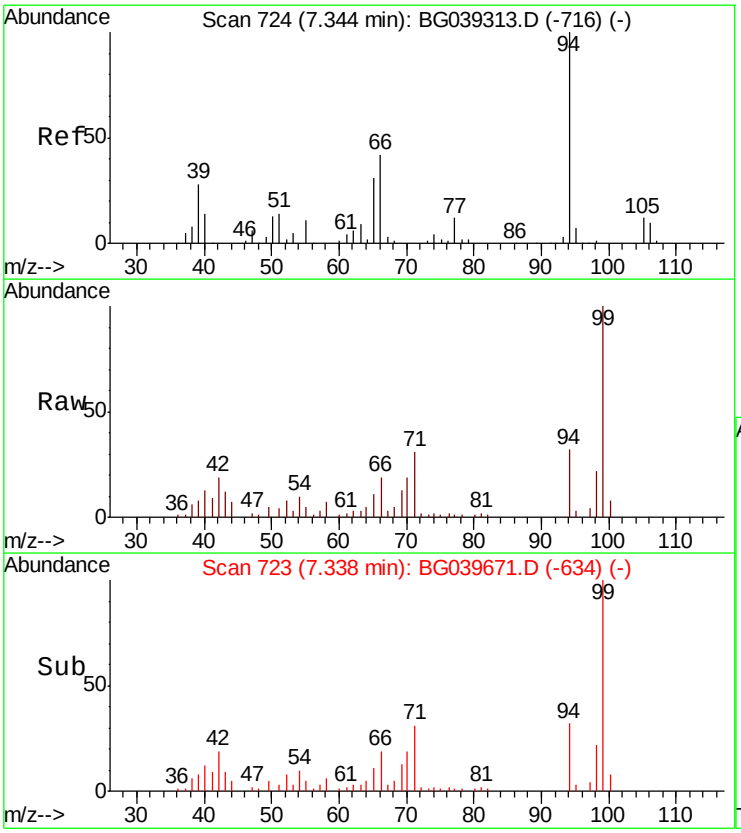
#7
Phenol-d6
Concen: 154.442 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Instrument :
BNA_G
ClientSampleId :
A0C6-2-0.5-1.0

Tgt Ion: 99 Resp: 649379

Ion	Ratio	Lower	Upper
99	100		
42	20.2	18.2	27.2
71	36.2	28.0	42.0

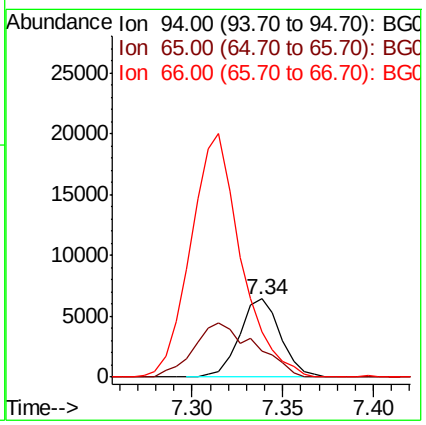


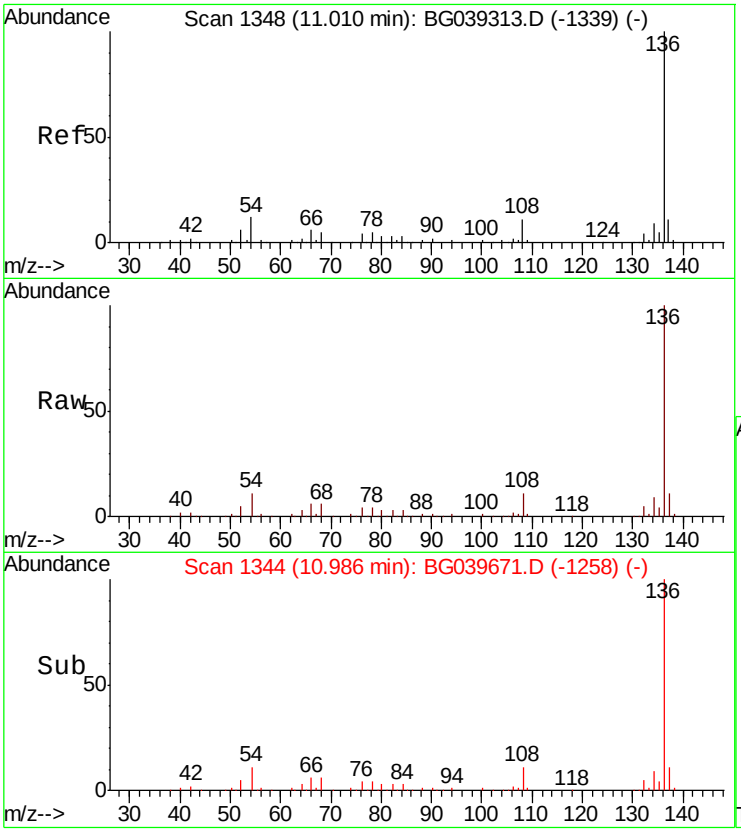


#10
Phenol
Concen: 2.284 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Tgt Ion: 94 Resp: 10009

Ion	Ratio	Lower	Upper
94	100		
65	33.0	11.7	51.7
66	58.2	23.7	63.7



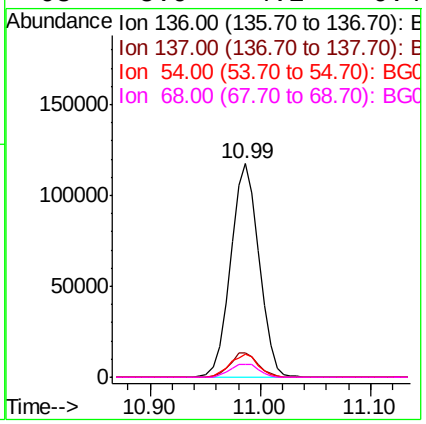


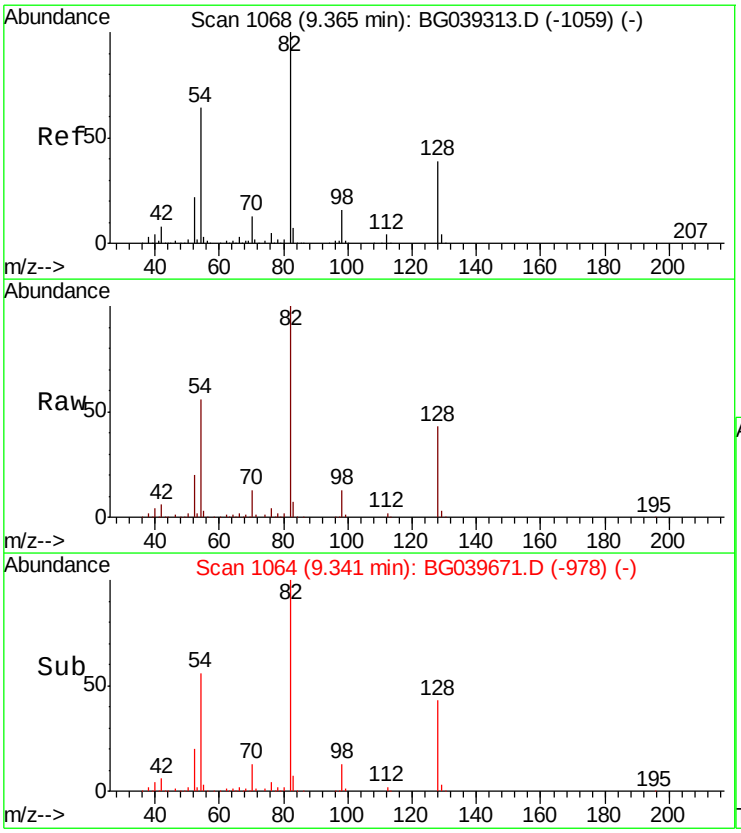
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Instrument :
BNA_G
ClientSampleId :
A0C6-2-0.5-1.0

Tgt Ion:136 Resp: 211385

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.7	9.4	14.2
68	5.9	4.2	6.4

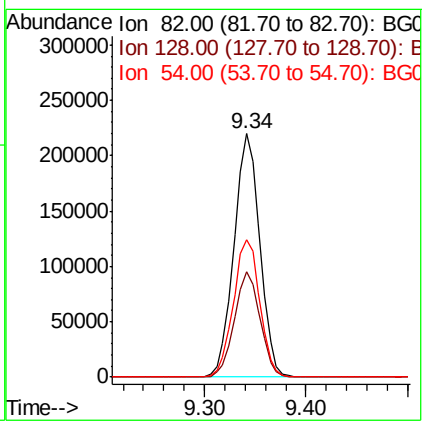


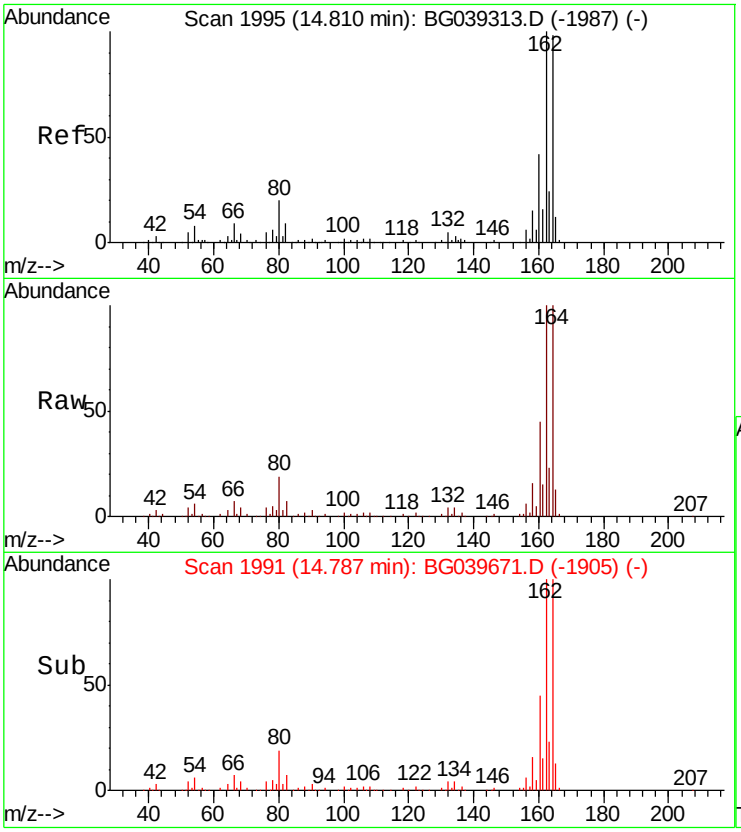


#23
Nitrobenzene-d5
Concen: 115.142 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Tgt Ion: 82 Resp: 389606

Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	56.2	50.9	76.3



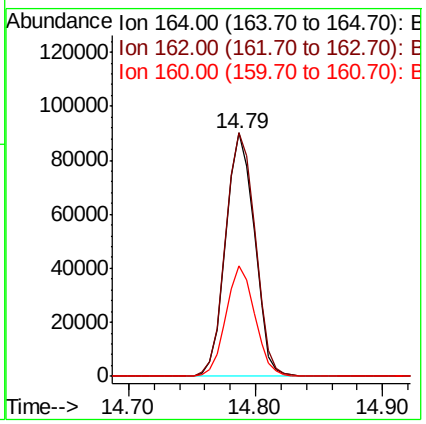


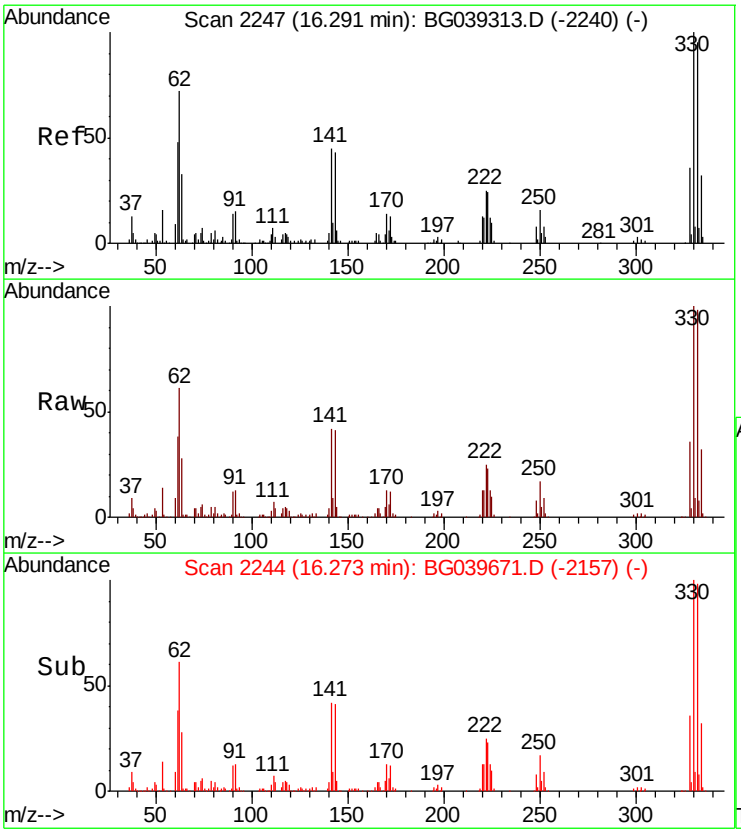
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Instrument :
BNA_G
ClientSampleId :
A0C6-2-0.5-1.0

Tgt Ion:164 Resp: 141142

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.6	122.4
160	45.3	34.2	51.2

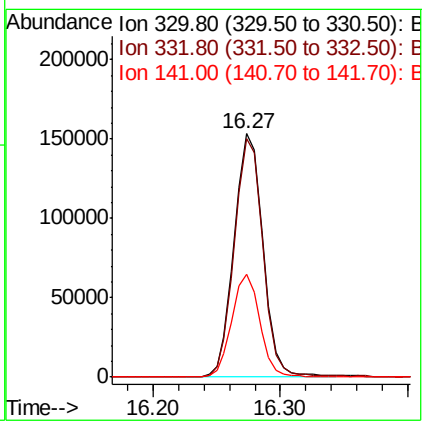


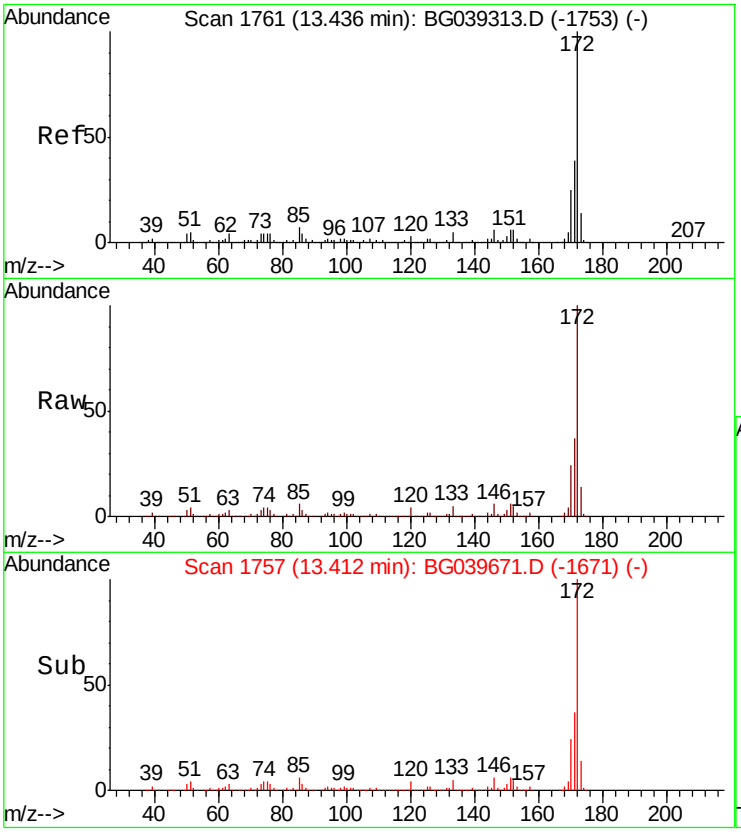


#42
2,4,6-Tribromophenol
Concen: 159.130 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Tgt Ion:330 Resp: 241855

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.7	113.5
141	40.8	35.6	53.4



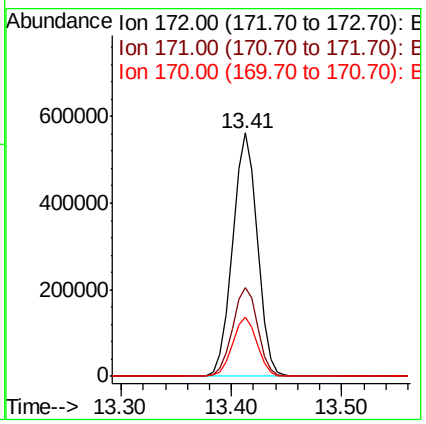


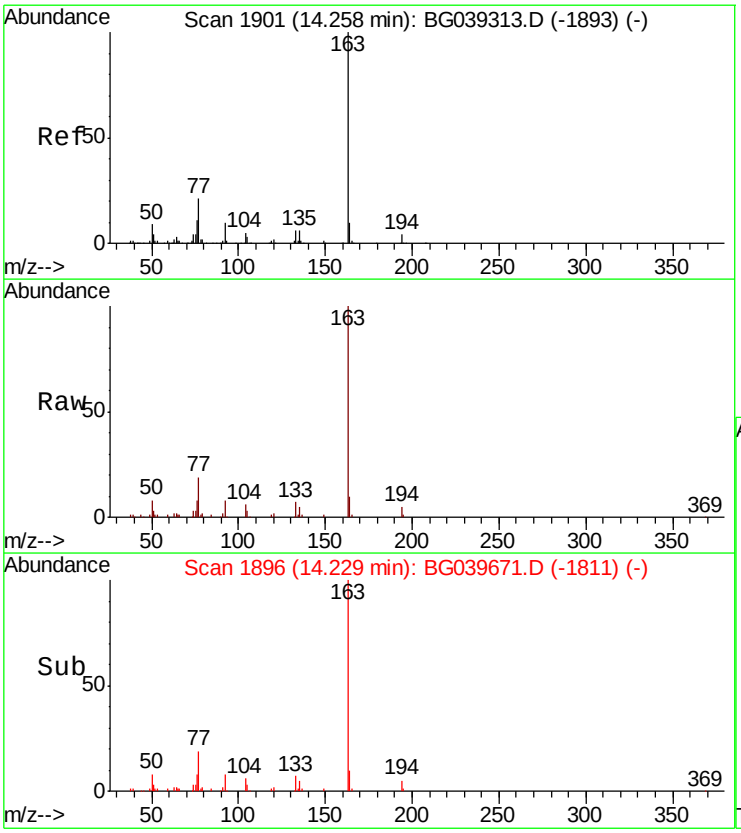
#45
2-Fluorobiphenyl
Concen: 90.294 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Instrument :
BNA_G
ClientSampleId :
A0C6-2-0.5-1.0

Tgt Ion:172 Resp: 888384

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	24.4	20.2	30.4

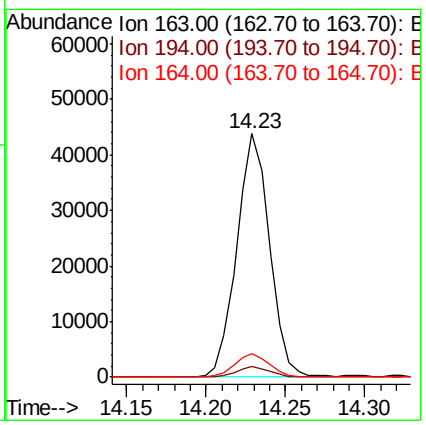


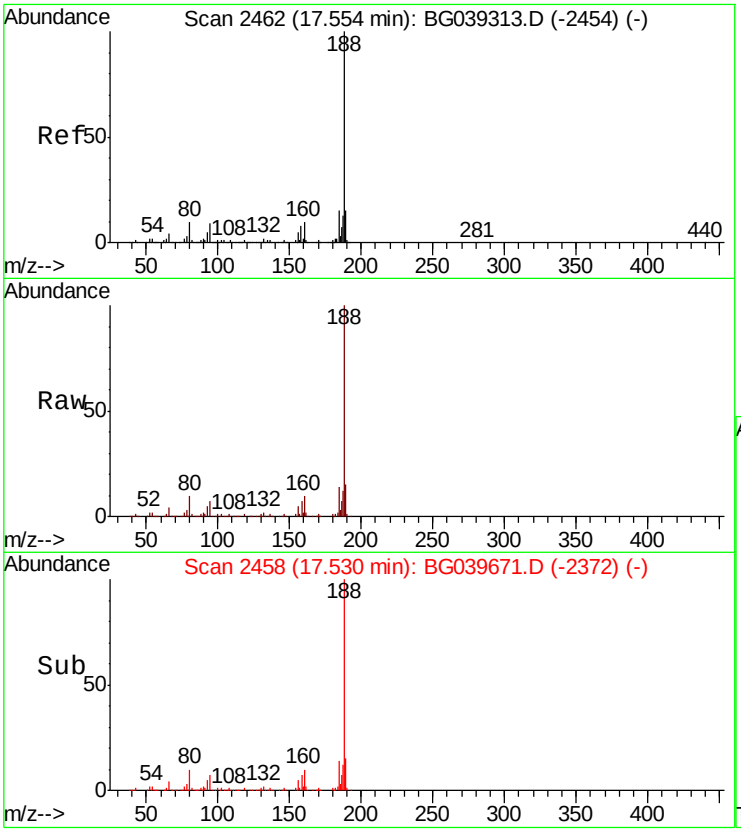


#50
Dimethylphthalate
Concen: 5.514 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.03 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Tgt Ion:163 Resp: 62856

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	9.7	8.4	12.6



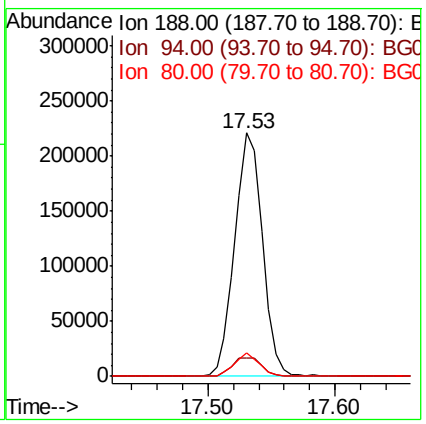


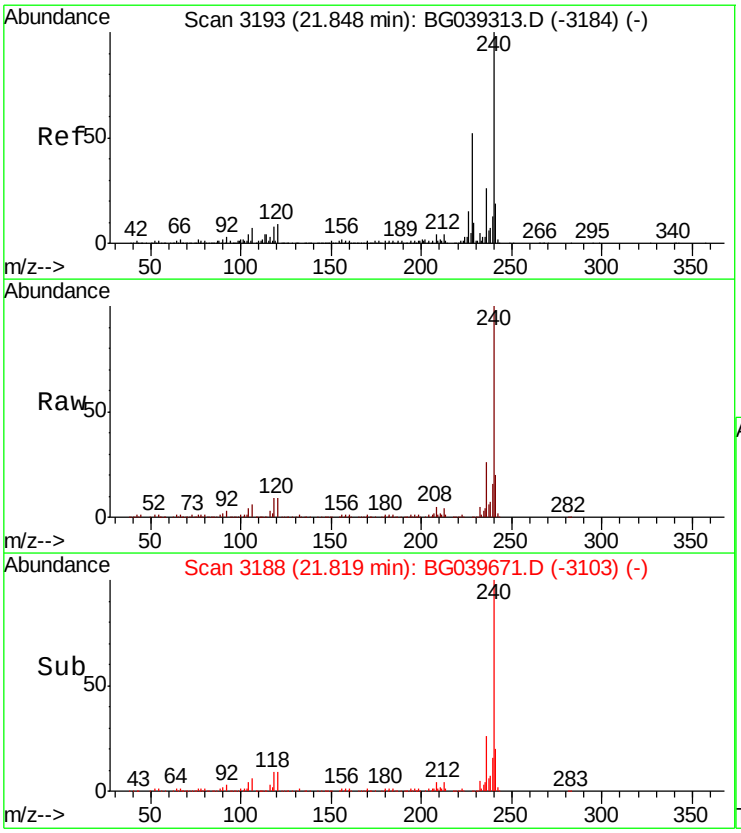
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Instrument :
BNA_G
ClientSampleId :
A0C6-2-0.5-1.0

Tgt Ion:188 Resp: 335096

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	9.6	8.1	12.1

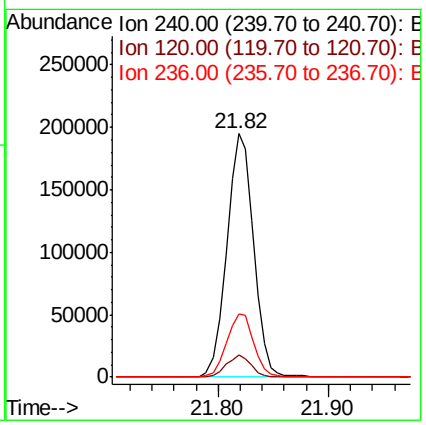


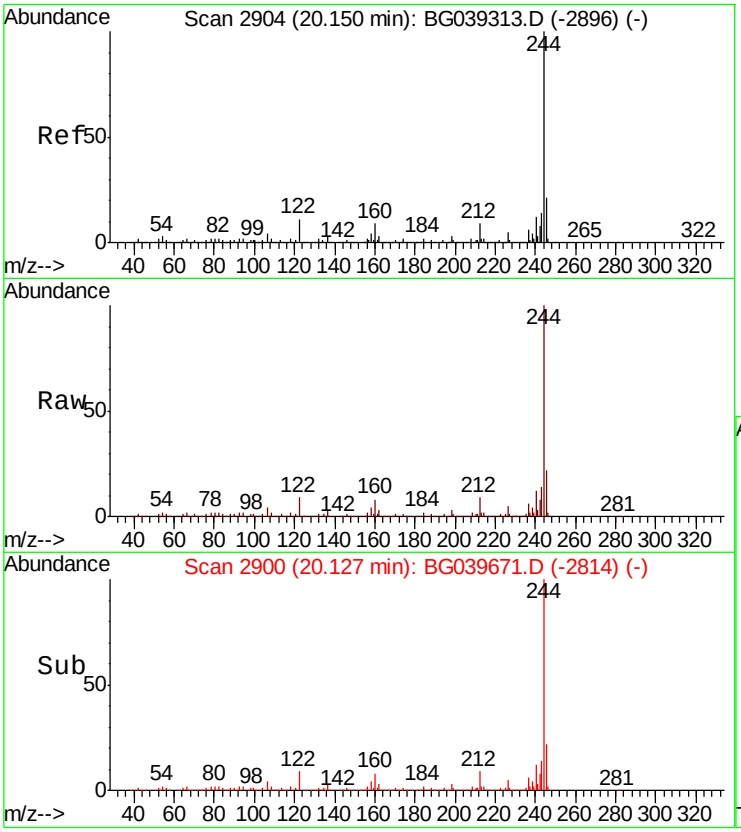


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.03 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Tgt Ion:240 Resp: 330322

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.0	10.6
236	25.9	21.0	31.4



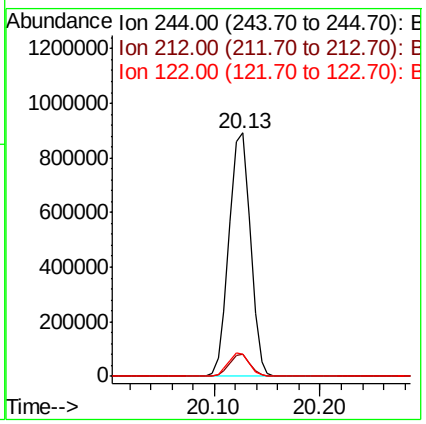


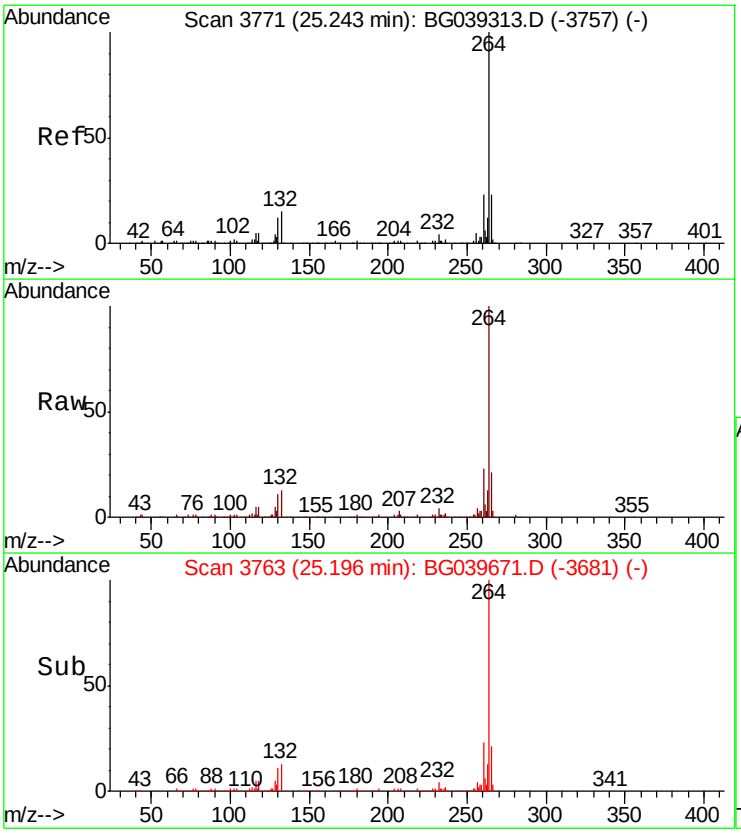
#79
Terphenyl-d14
Concen: 80.038 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.02 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Instrument :
BNA_G
ClientSampleId :
A0C6-2-0.5-1.0

Tgt Ion:244 Resp: 1249045

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	9.2	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3763
Delta R.T. -0.05 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Tgt Ion:264 Resp: 327711

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.4	18.5	27.7