Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039665.D
Acq On : 28 Feb 2019 18:19
Operator : JU/SJ
Sample : K1628-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C5-1-0.5-1.0

Quant Time: Mar 01 06:25:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	44956	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	212880	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	167197	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	441279	20.00	ng	0.00
76) Chrysene-d12	21.82	240	349174	20.00	ng	0.00
87) Perylene-d12	25.19	264	348681	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	408807	155.64	ng	0.00
7) Phenol-d6	7.31	99	628847	162.64	ng	0.00
23) Nitrobenzene-d5	9.34	82	361245	106.01	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	275576	153.06	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	880072	75.51	ng	0.00
79) Terphenyl-d14	20.12	244	1289822	78.19	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.34	94	14146	3.510	ng	81
50) Dimethylphthalate	14.23	163	72971	5.404	ng	98

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

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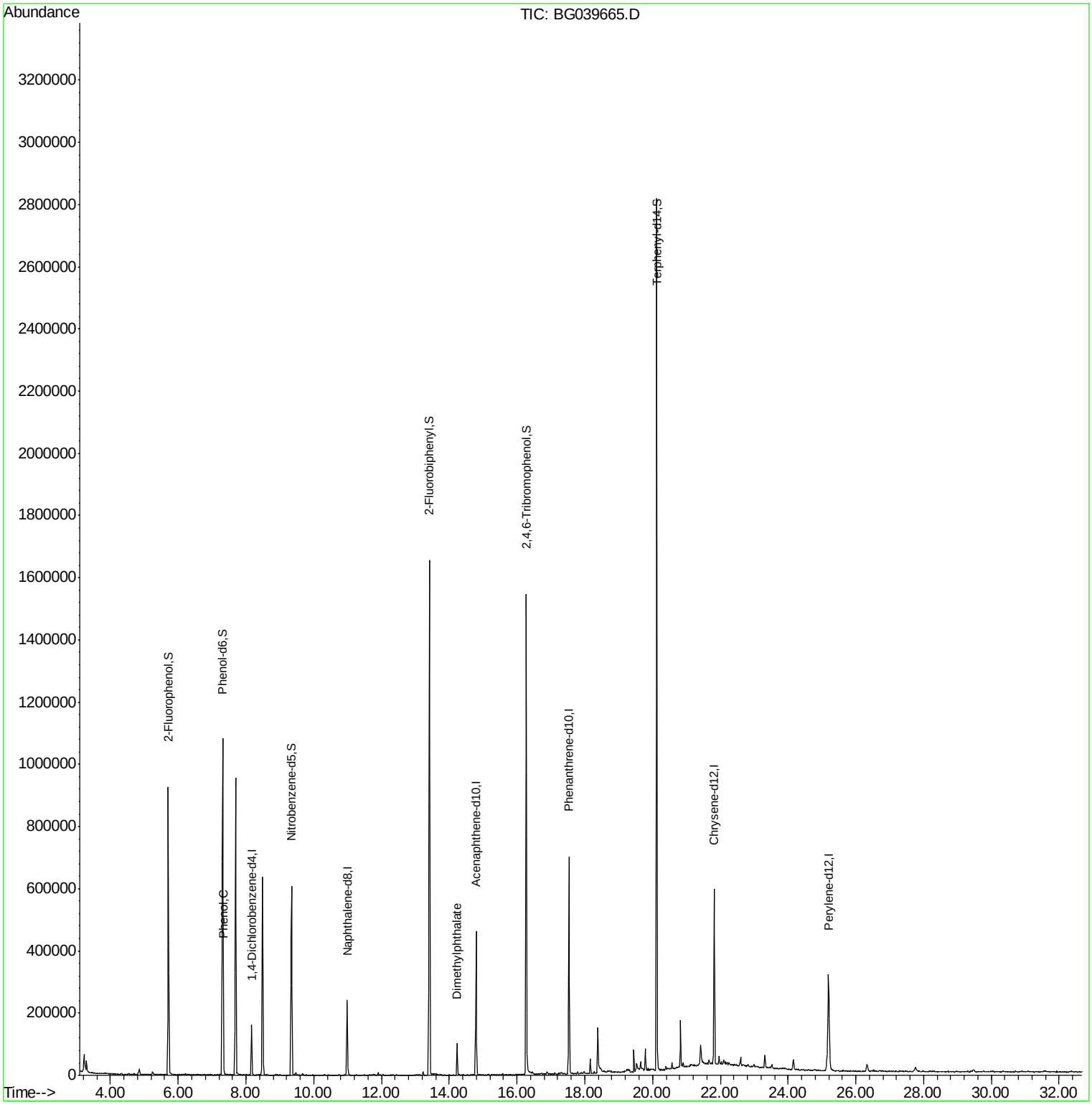
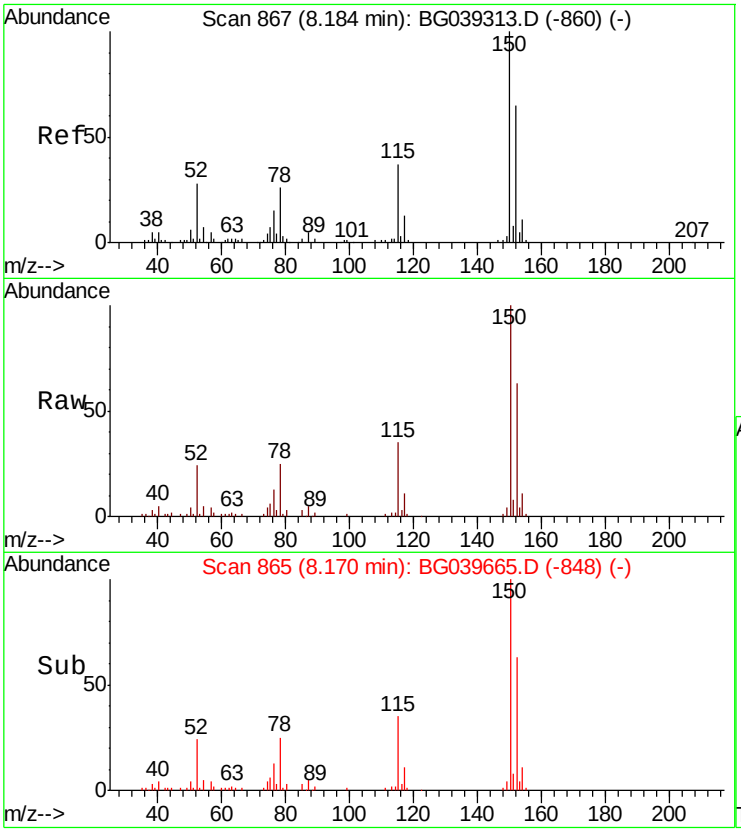


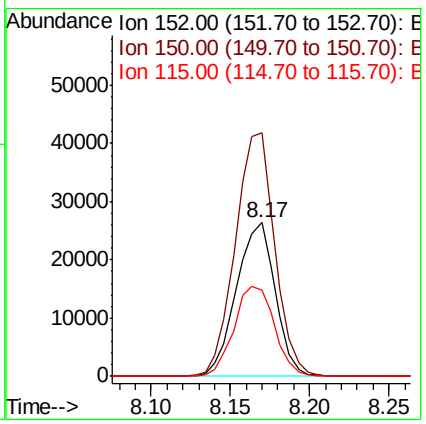


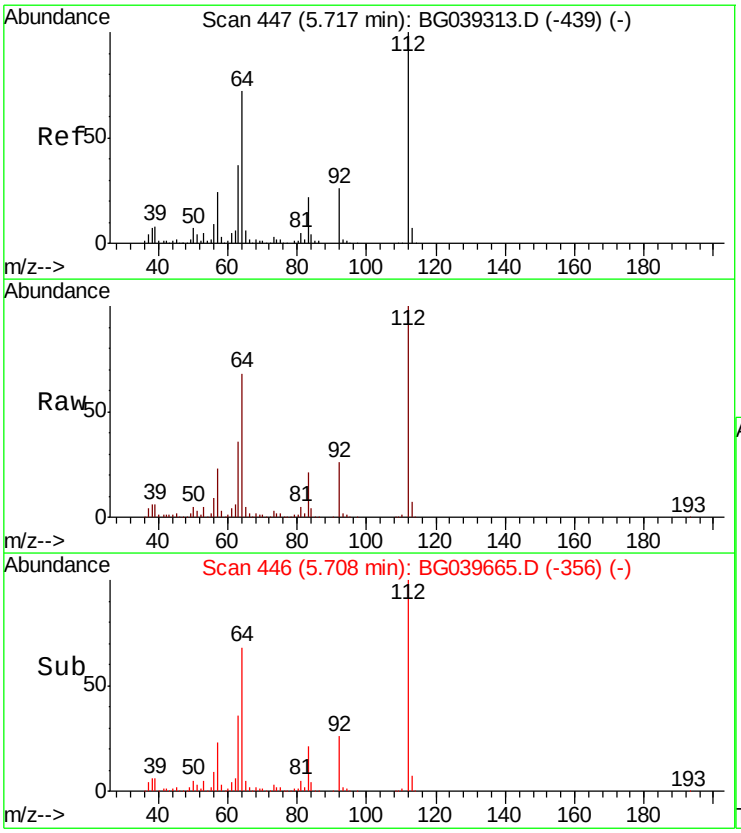
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0

Tgt Ion:152 Resp: 44956

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.7	185.5
115	56.1	45.9	68.9

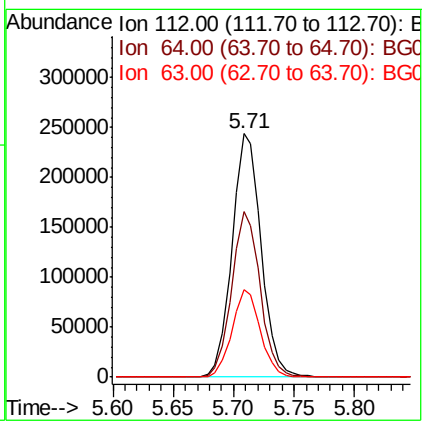


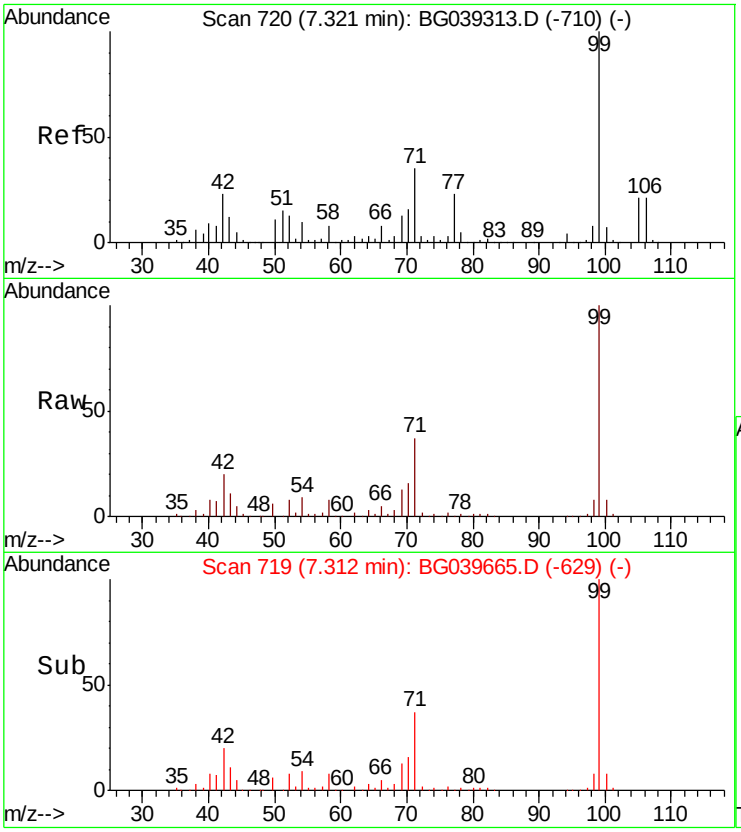


#5
2-Fluorophenol
Concen: 155.636 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Tgt Ion:112 Resp: 408807

Ion	Ratio	Lower	Upper
112	100		
64	68.2	57.8	86.8
63	36.0	29.8	44.6



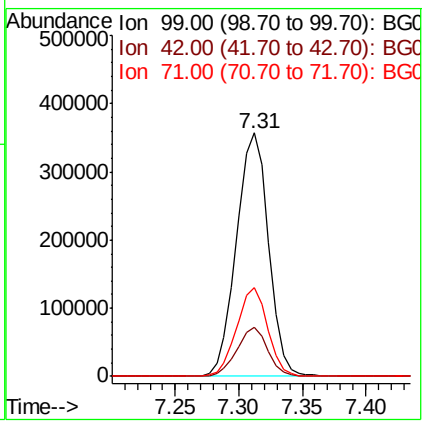


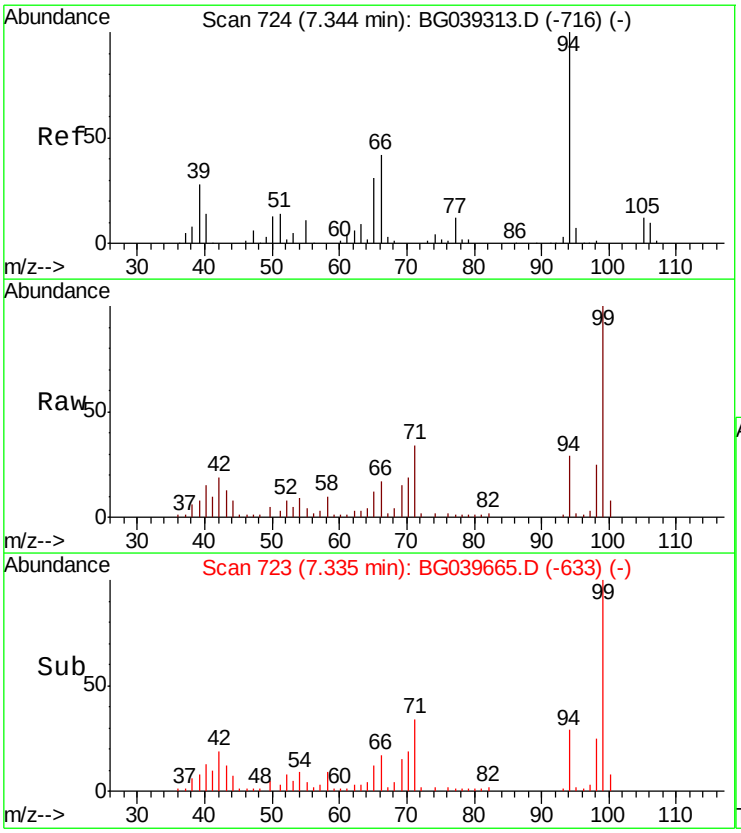
#7
Phenol-d6
Concen: 162.644 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0

Tgt Ion: 99 Resp: 628847

Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.2	27.2
71	36.5	28.0	42.0

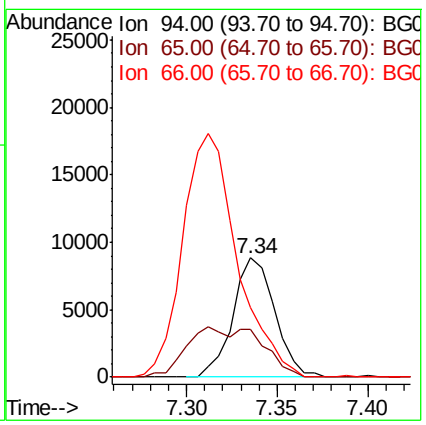


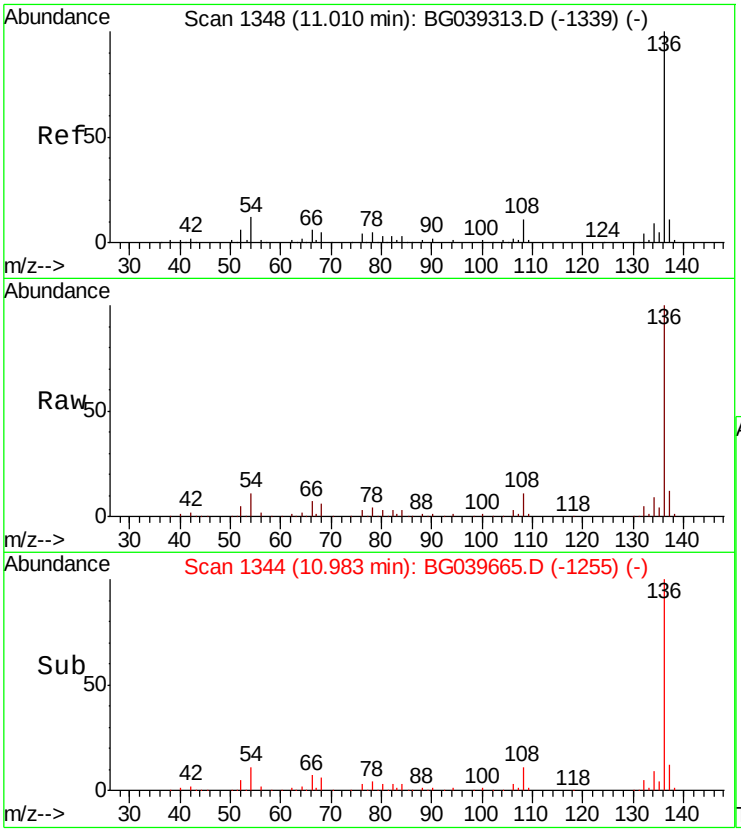


#10
Phenol
Concen: 3.510 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Tgt Ion: 94 Resp: 14146

Ion	Ratio	Lower	Upper
94	100		
65	40.0	11.7	51.7
66	58.3	23.7	63.7



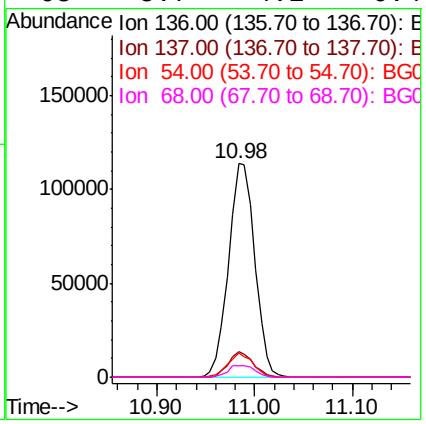


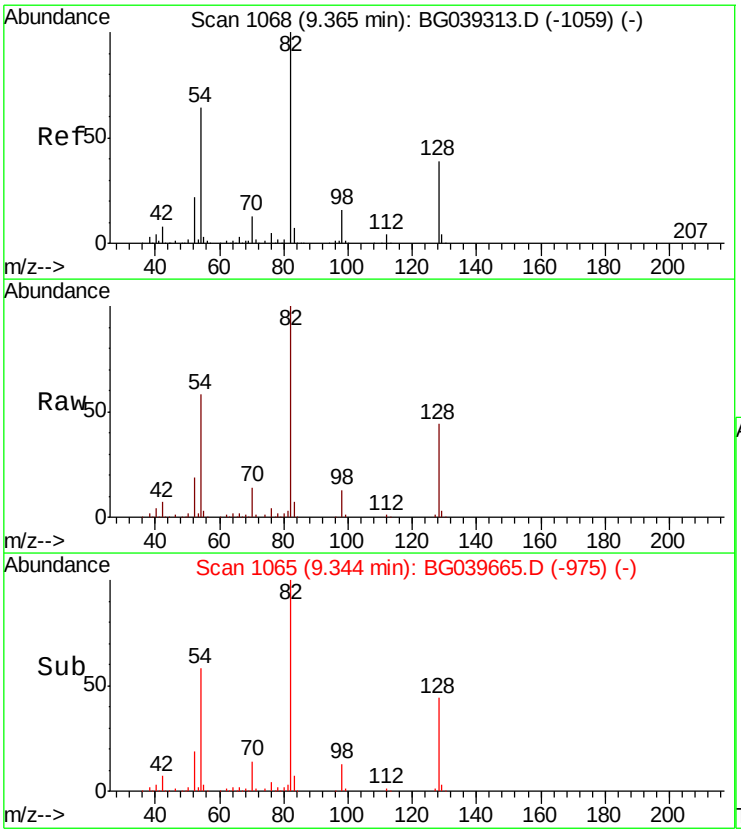
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0

Tgt Ion:136 Resp: 212880

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	11.2	9.4	14.2
68	5.7	4.2	6.4

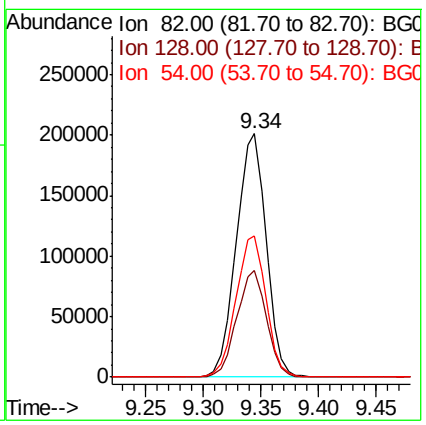


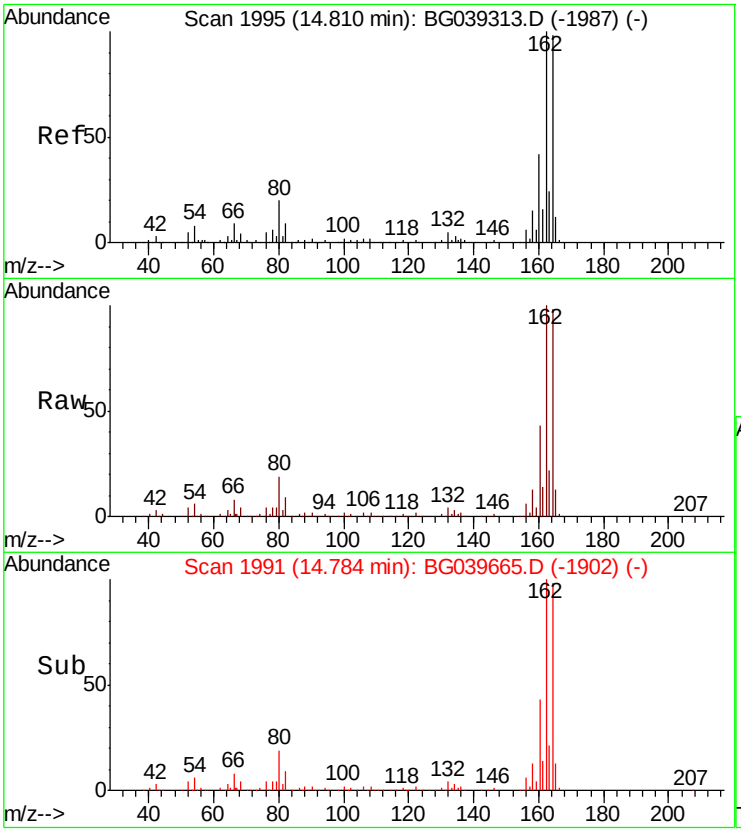


#23
Nitrobenzene-d5
Concen: 106.011 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Tgt Ion: 82 Resp: 361245

Ion	Ratio	Lower	Upper
82	100		
128	43.8	31.3	46.9
54	57.8	50.9	76.3



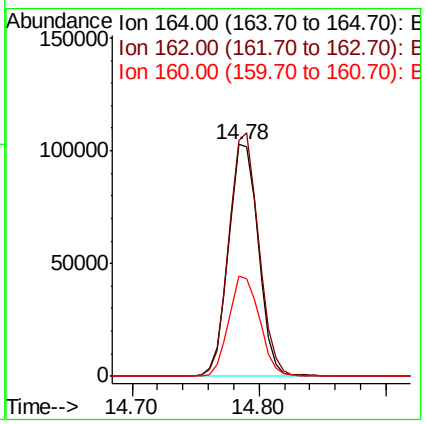


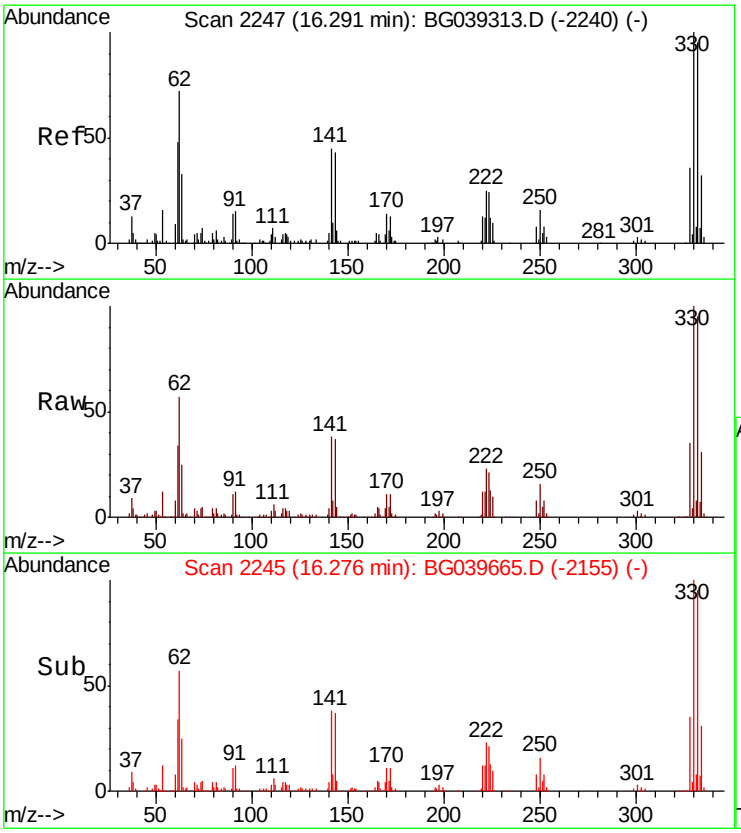
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0

Tgt Ion:164 Resp: 167197

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	43.5	34.2	51.2

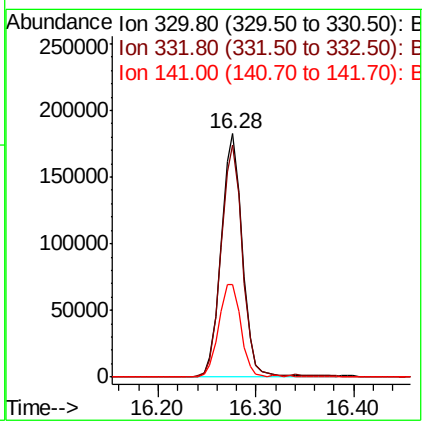


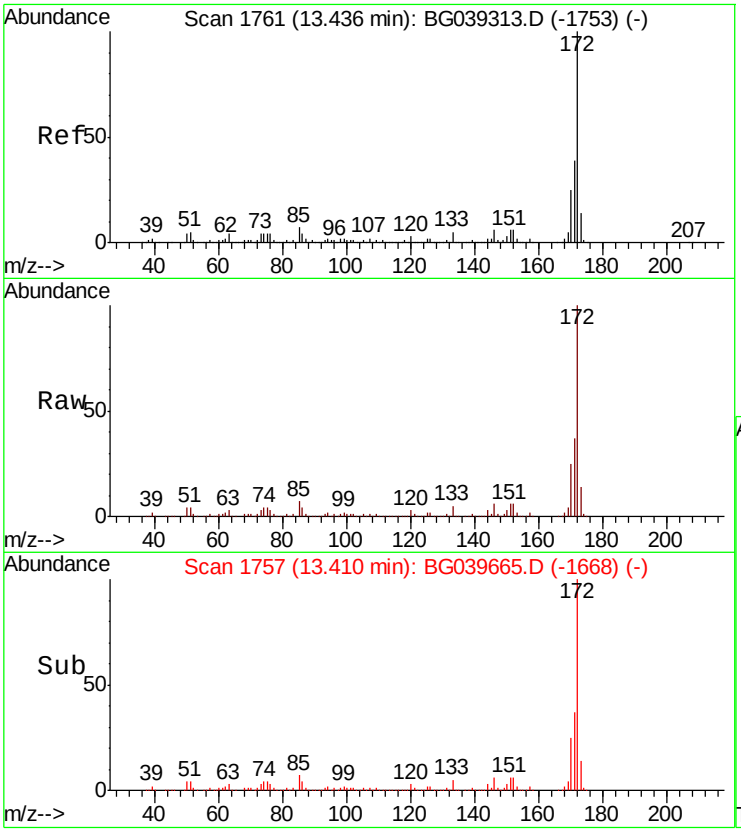


#42
2,4,6-Tribromophenol
Concen: 153.062 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Tgt Ion:330 Resp: 275576

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	40.3	35.6	53.4



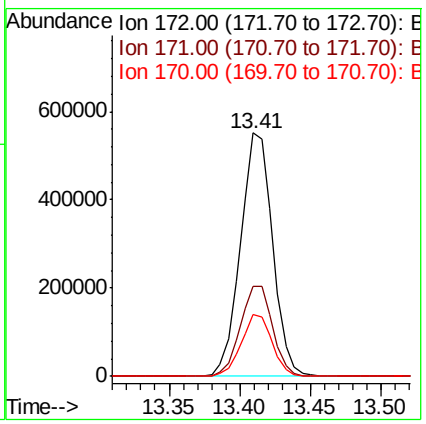


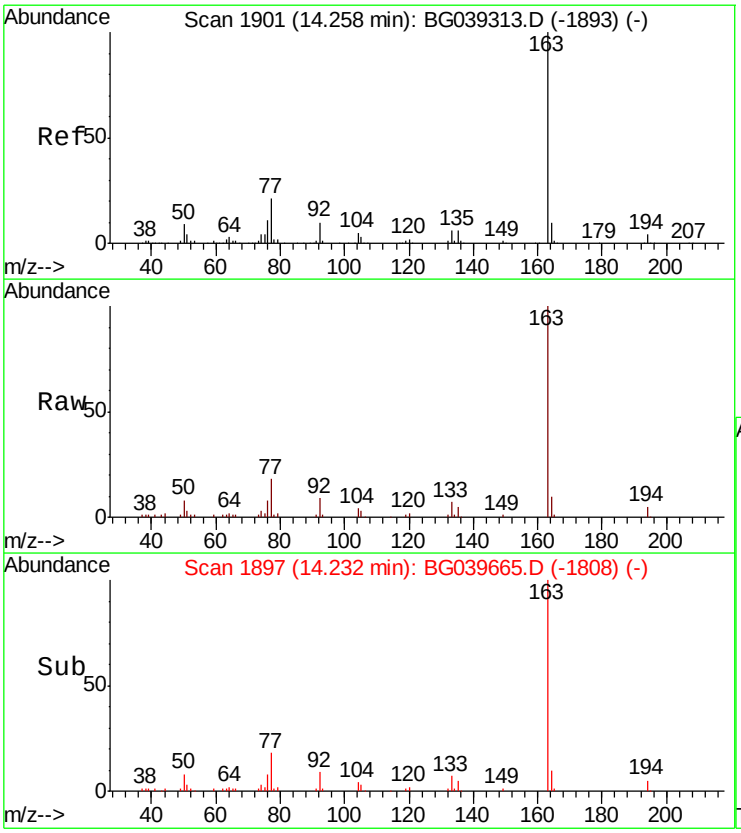
#45
2-Fluorobiphenyl
Concen: 75.510 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0

Tgt Ion:172 Resp: 880072

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.2	20.2	30.4

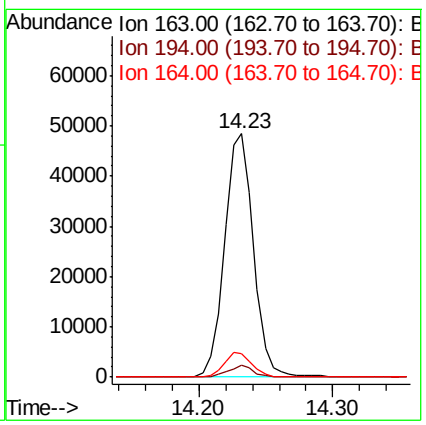


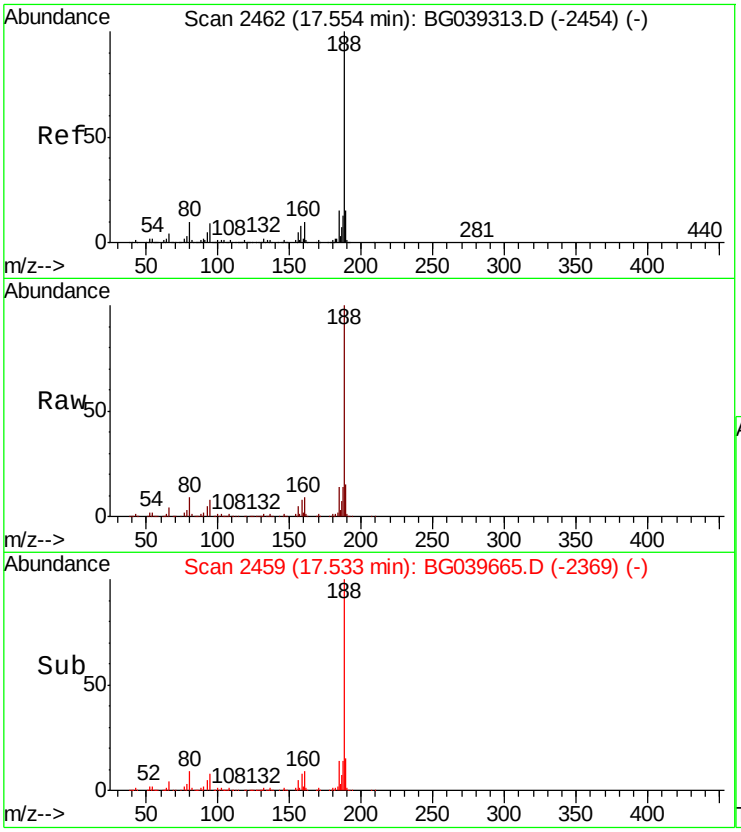


#50
Dimethylphthalate
Concen: 5.404 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Tgt Ion:163 Resp: 72971

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	9.6	8.4	12.6



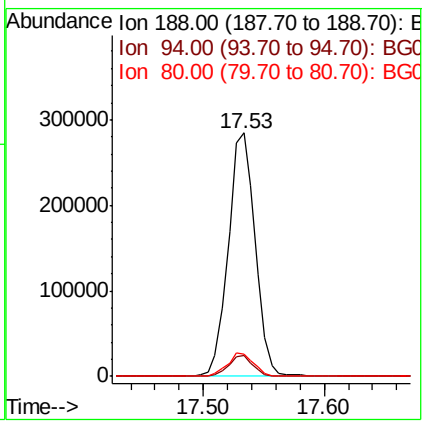


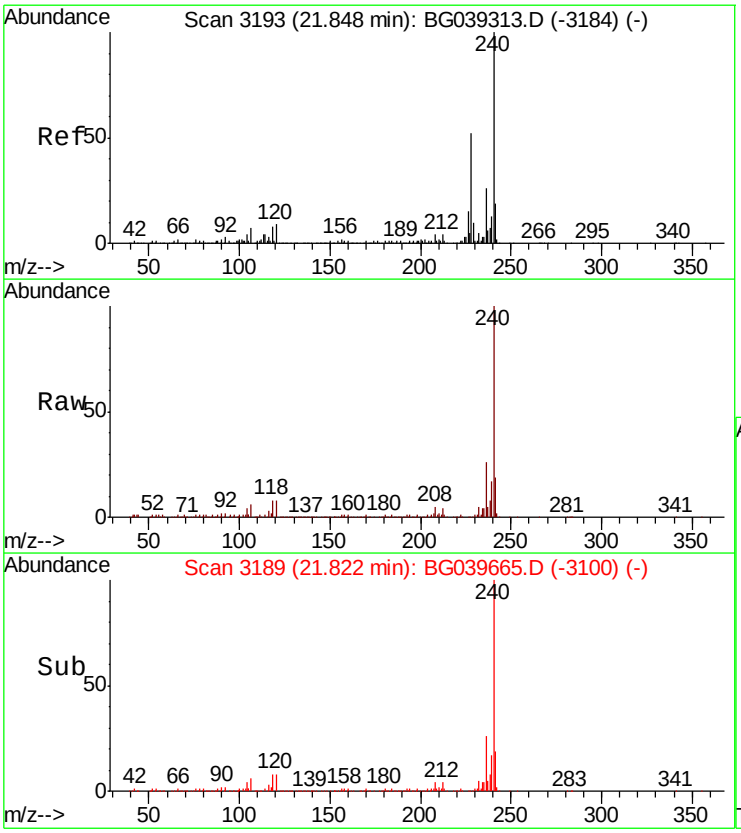
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0

Tgt Ion:188 Resp: 441279

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.3	8.1	12.1

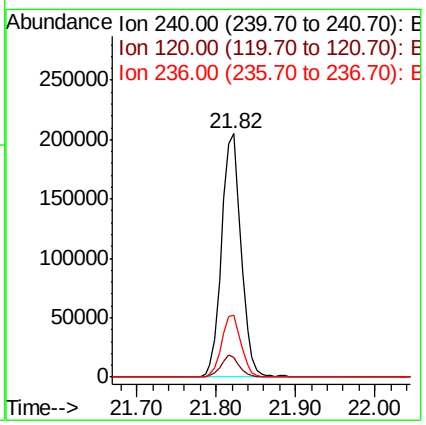


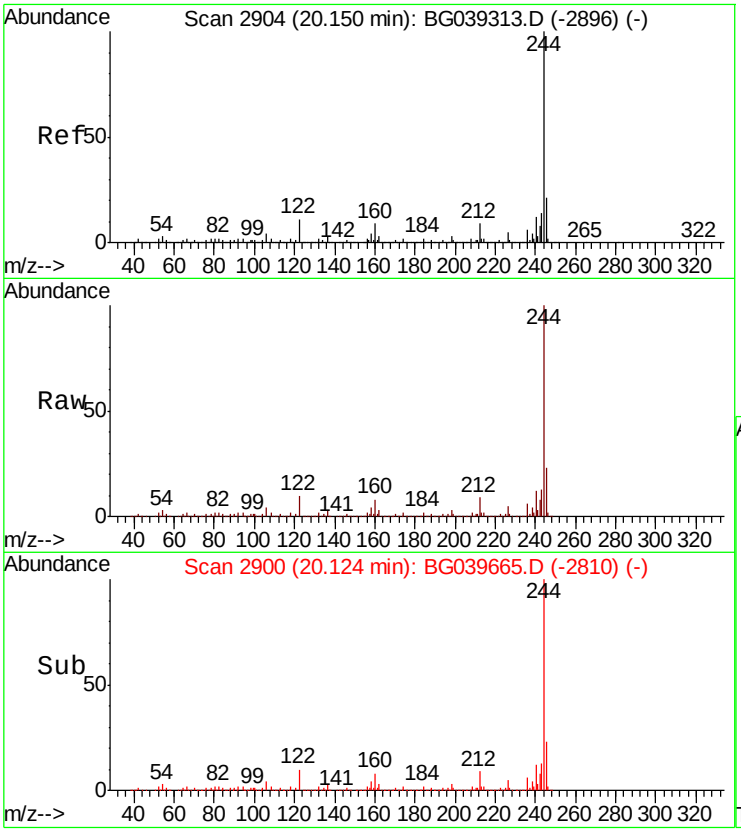


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Tgt Ion:240 Resp: 349174

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.0	10.6
236	25.5	21.0	31.4



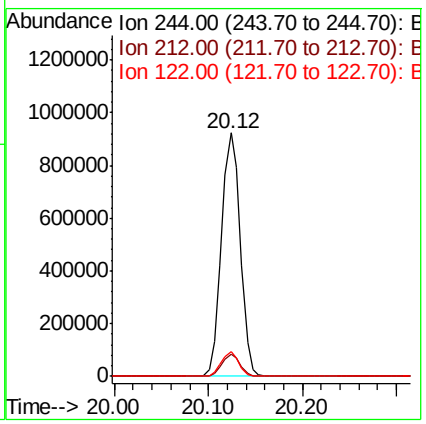


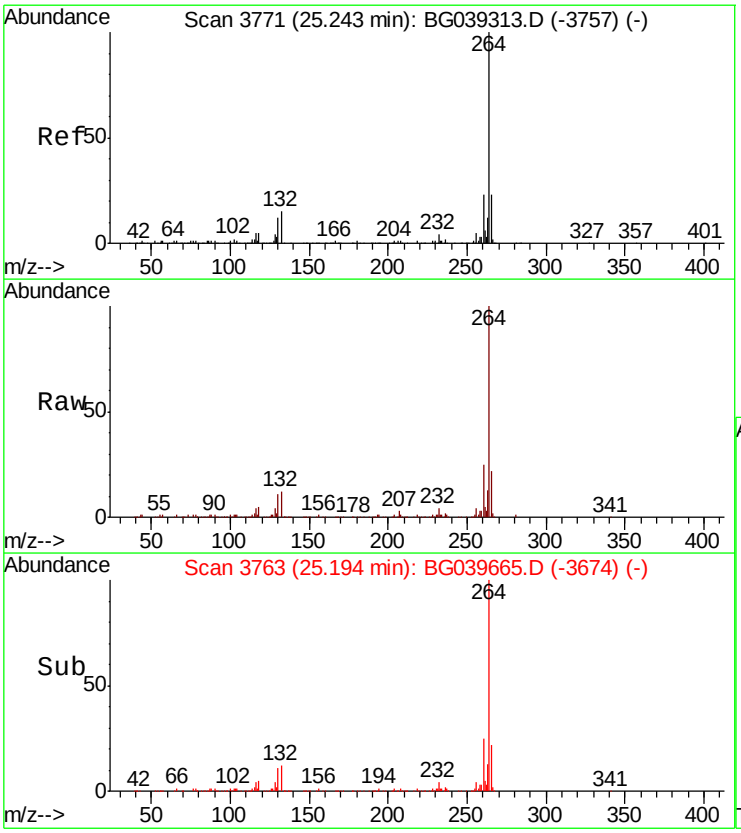
#79
Terphenyl-d14
Concen: 78.189 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0

Tgt Ion:244 Resp: 1289822

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	10.2	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG039665.D
Acq: 28 Feb 2019 18:19

Tgt Ion:264 Resp: 348681

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	22.4	18.5	27.7