Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039675.D
Acq On : 1 Mar 2019 00:50
Operator : JU/SJ
Sample : K1650-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Time: Mar 01 07:02:01 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	8.16	152	51834	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	232151	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	156089	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	365462	20.00	ng		0.00
76) Chrysene-d12	21.82	240	369079	20.00	ng		0.00
87) Perylene-d12	25.20	264	371585	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	437822	144.56	ng		0.00
7) Phenol-d6	7.31	99	624498	140.09	ng		0.00
23) Nitrobenzene-d5	9.34	82	373874	100.61	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	244262	145.32	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	879091	80.79	ng		0.00
79) Terphenyl-d14	20.12	244	1247568	71.55	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.34	94	10718	2.306	ng		89
50) Dimethylphthalate	14.23	163	62320	4.944	ng	#	97

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

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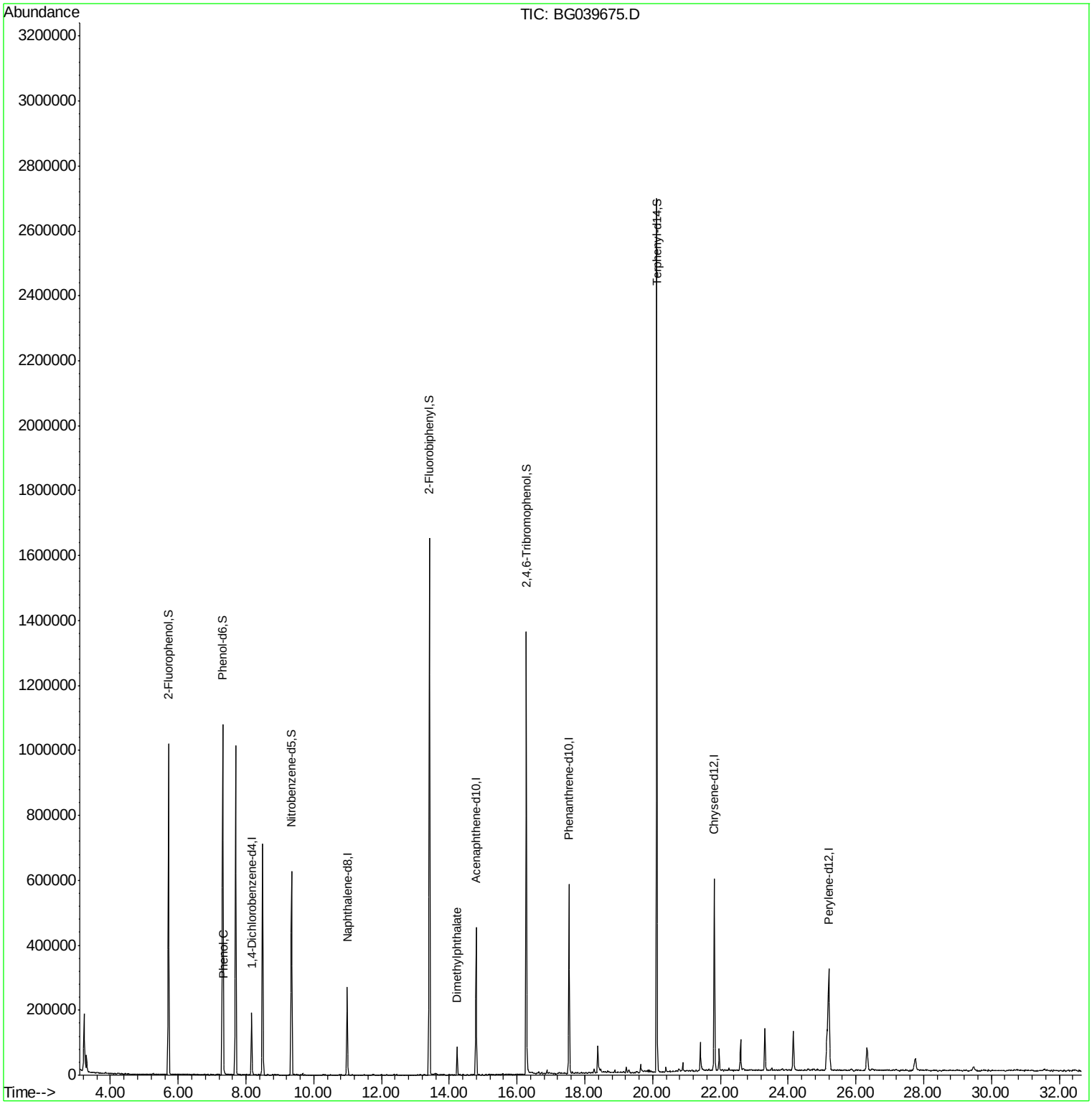
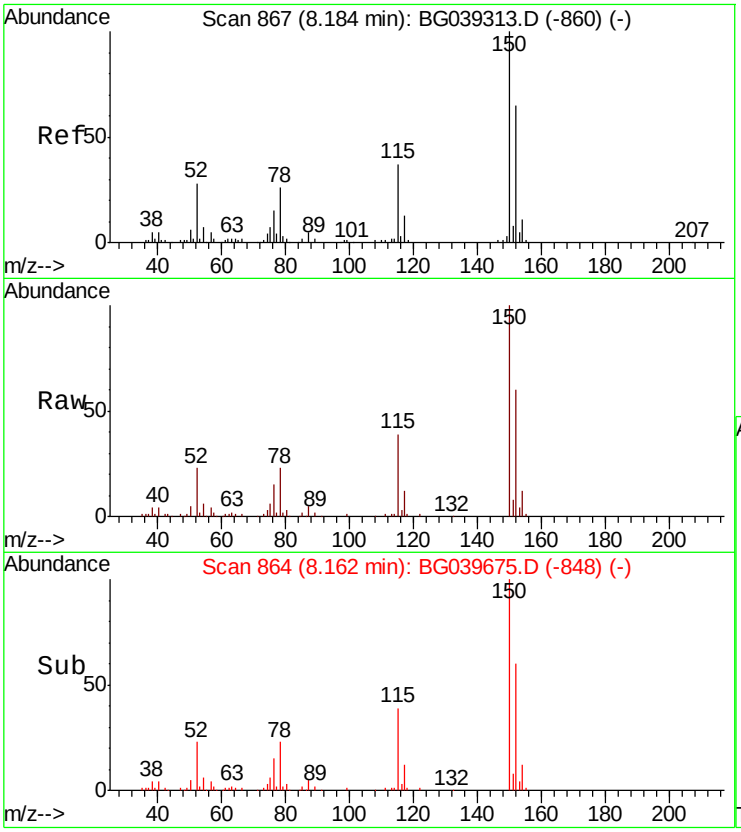


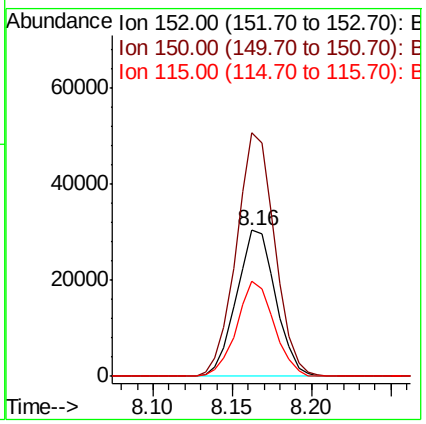


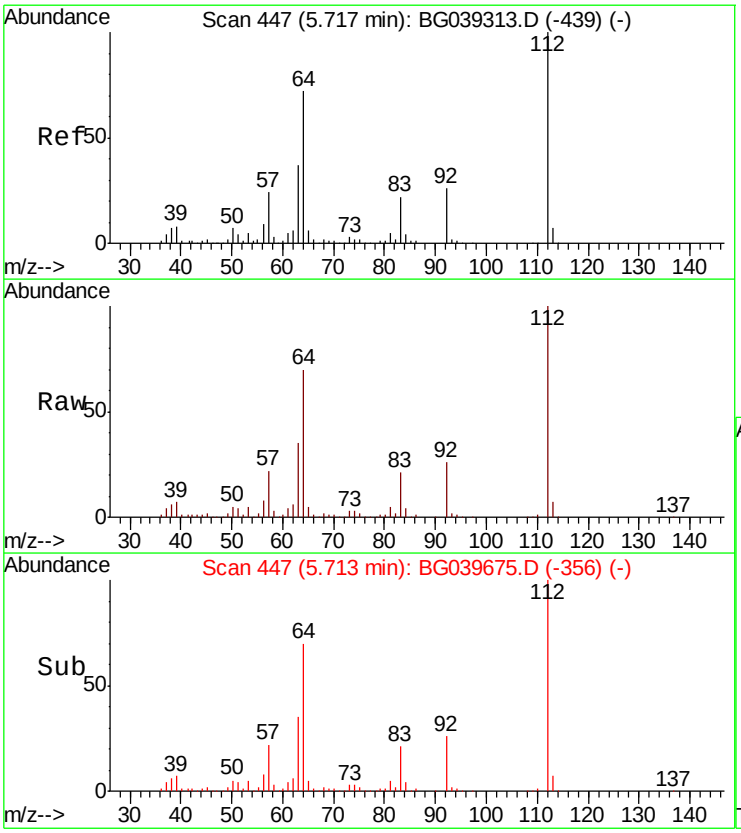
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

Tgt Ion:152 Resp: 51834

Ion	Ratio	Lower	Upper
152	100		
150	166.6	123.7	185.5
115	65.5	45.9	68.9

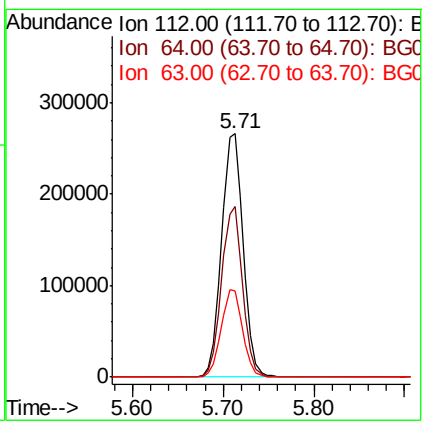


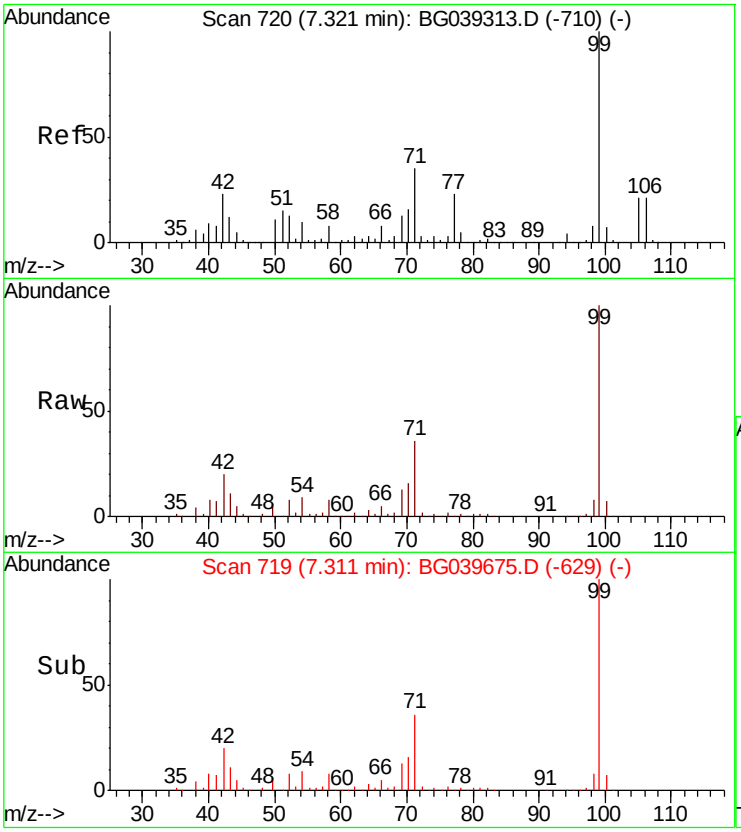


#5
2-Fluorophenol
Concen: 144.565 ng
RT: 5.71 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Tgt Ion:112 Resp: 437822

Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.8	86.8
63	35.2	29.8	44.6



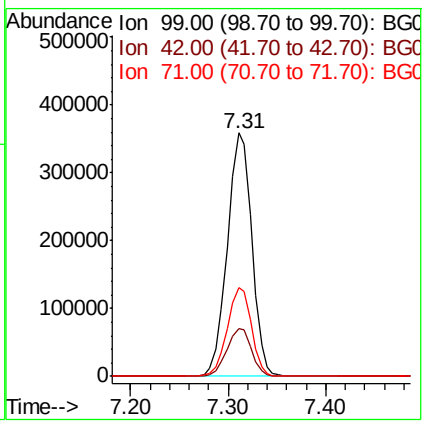


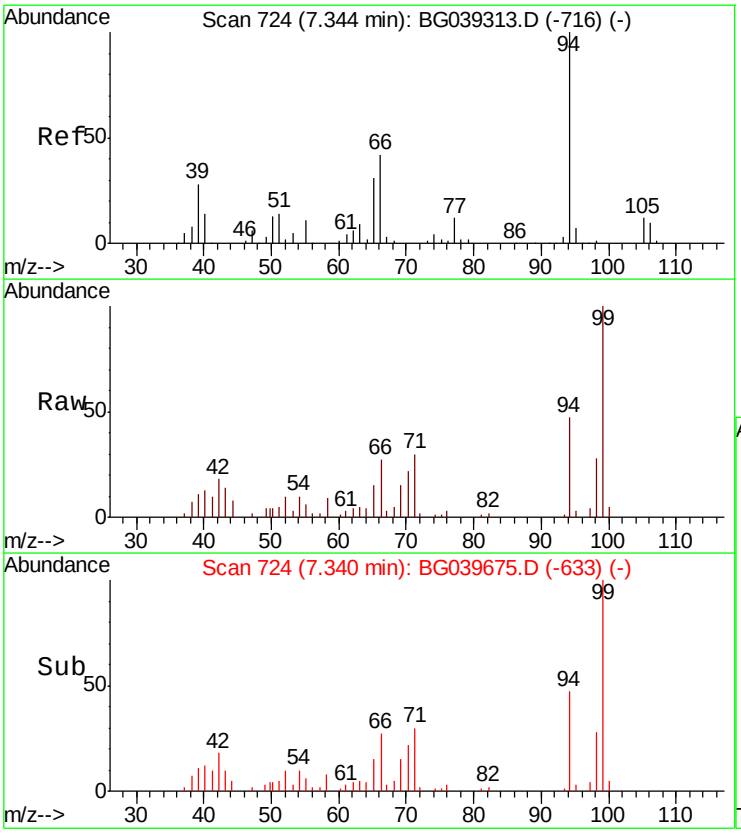
#7
Phenol-d6
Concen: 140.086 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

Tgt Ion: 99 Resp: 624498

Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.2	27.2
71	36.5	28.0	42.0

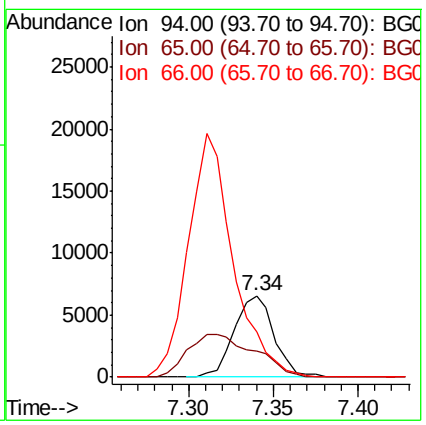


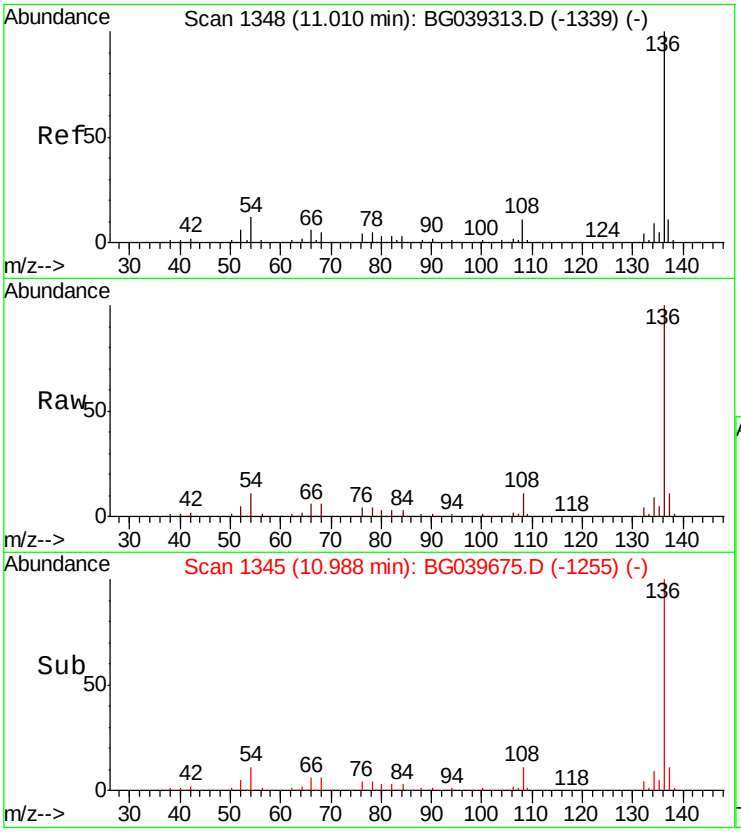


#10
Phenol
Concen: 2.306 ng
RT: 7.34 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Tgt Ion: 94 Resp: 10718

Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.7	51.7
66	56.2	23.7	63.7



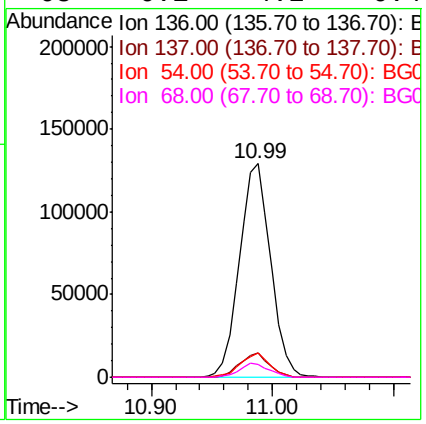


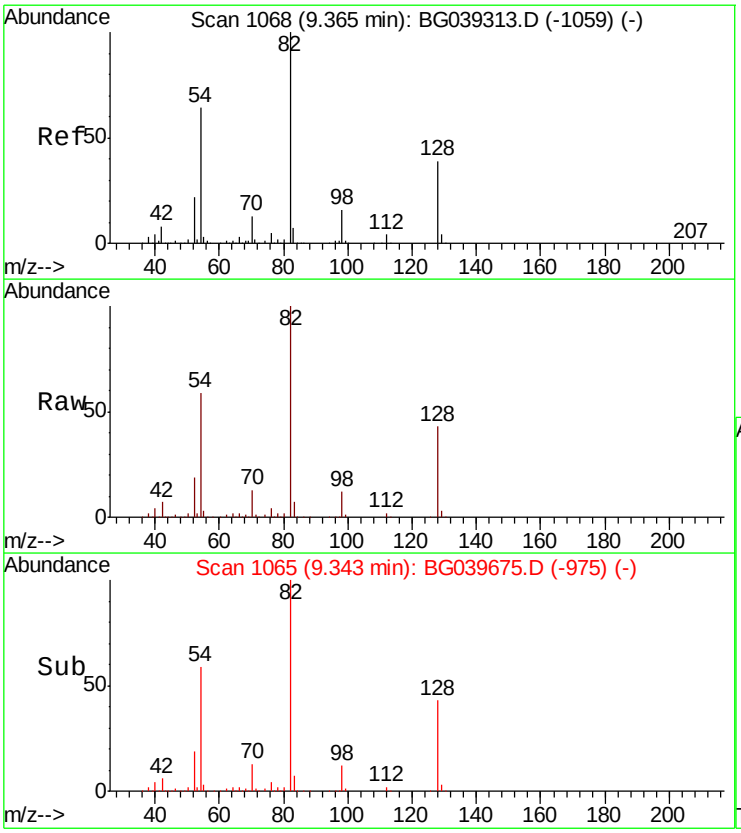
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

Tgt Ion:136 Resp: 232151

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.2	9.4	14.2
68	6.1	4.2	6.4

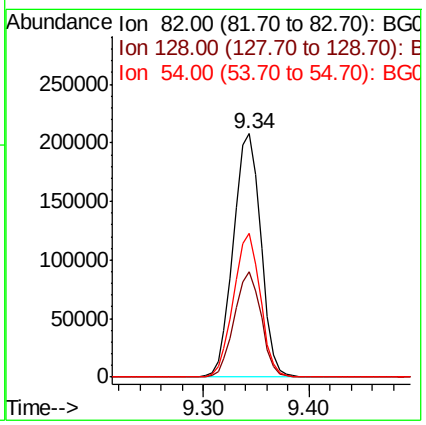


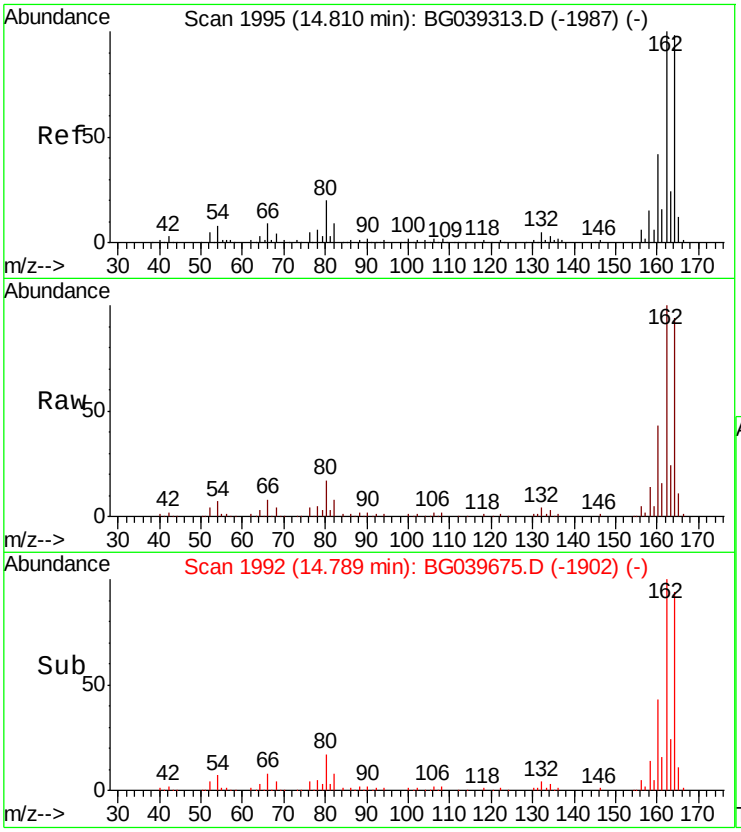


#23
Nitrobenzene-d5
Concen: 100.609 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Tgt Ion: 82 Resp: 373874

Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	59.2	50.9	76.3



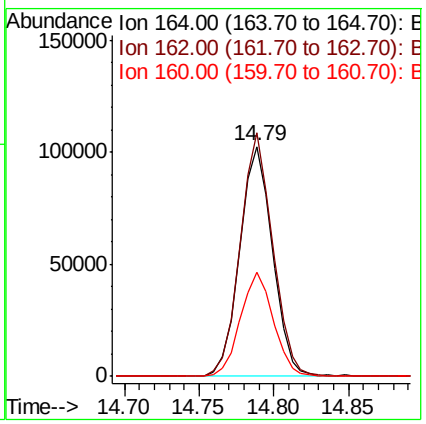


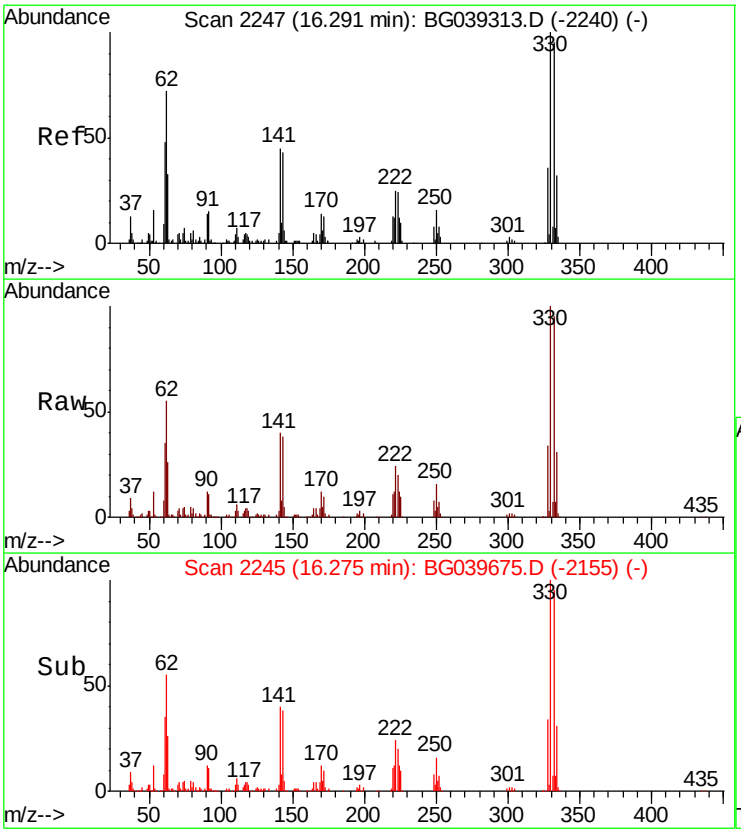
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

Tgt Ion:164 Resp: 156089

Ion	Ratio	Lower	Upper
164	100		
162	106.0	81.6	122.4
160	45.1	34.2	51.2

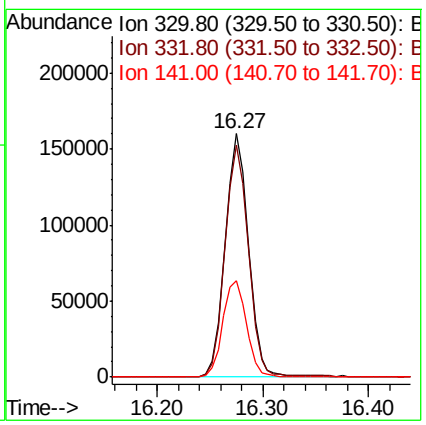


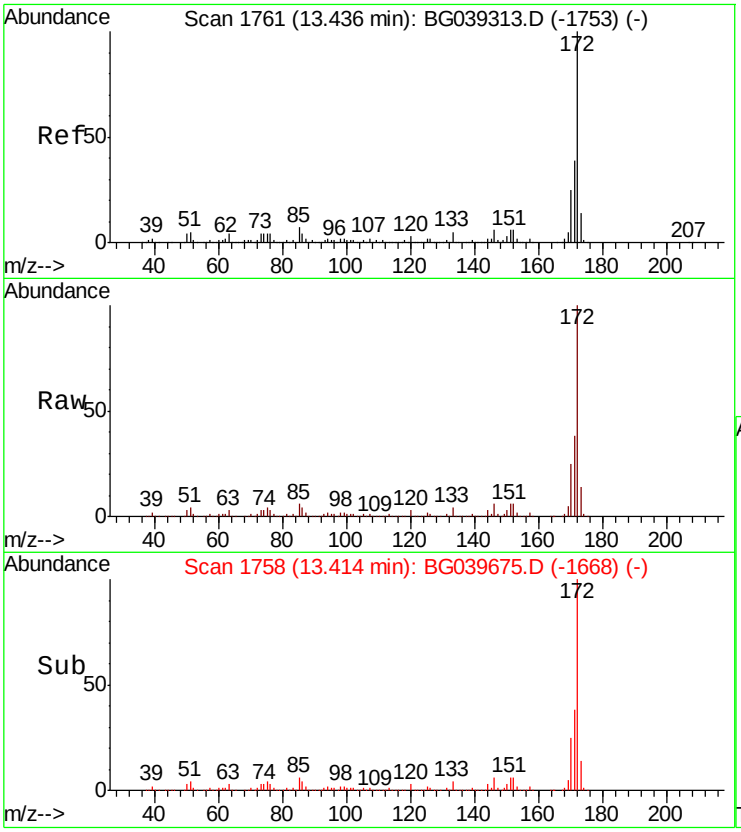


#42
2,4,6-Tribromophenol
Concen: 145.324 ng
RT: 16.27 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Tgt Ion:330 Resp: 244262

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.7	113.5
141	40.6	35.6	53.4



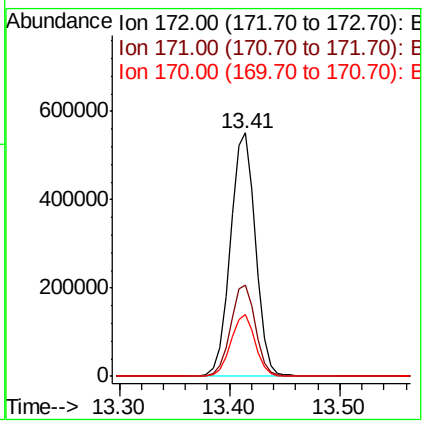


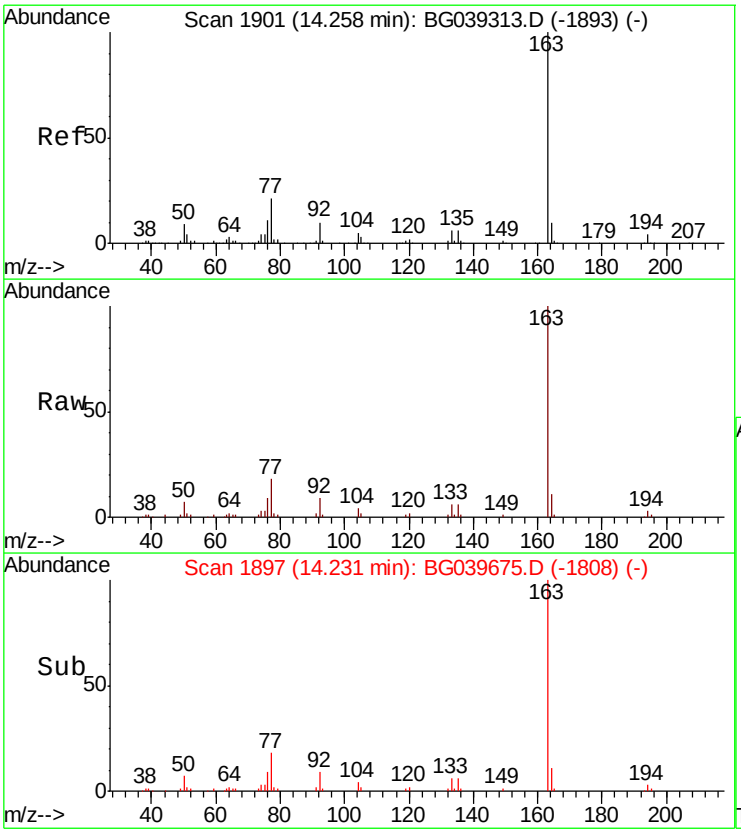
#45
2-Fluorobiphenyl
Concen: 80.794 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

Tgt Ion:172 Resp: 879091

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.2	20.2	30.4

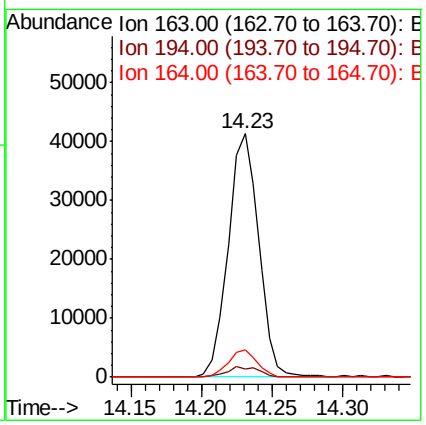


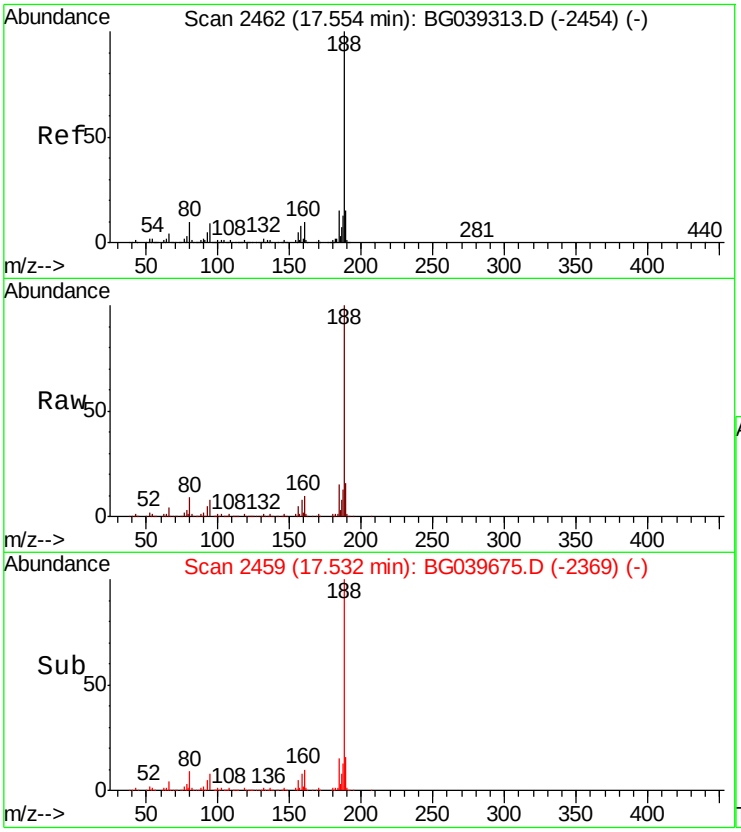


#50
Dimethylphthalate
Concen: 4.944 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Tgt Ion:163 Resp: 62320

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.6	5.4#
164	11.4	8.4	12.6



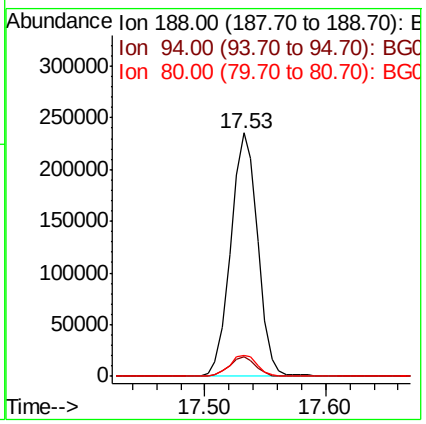


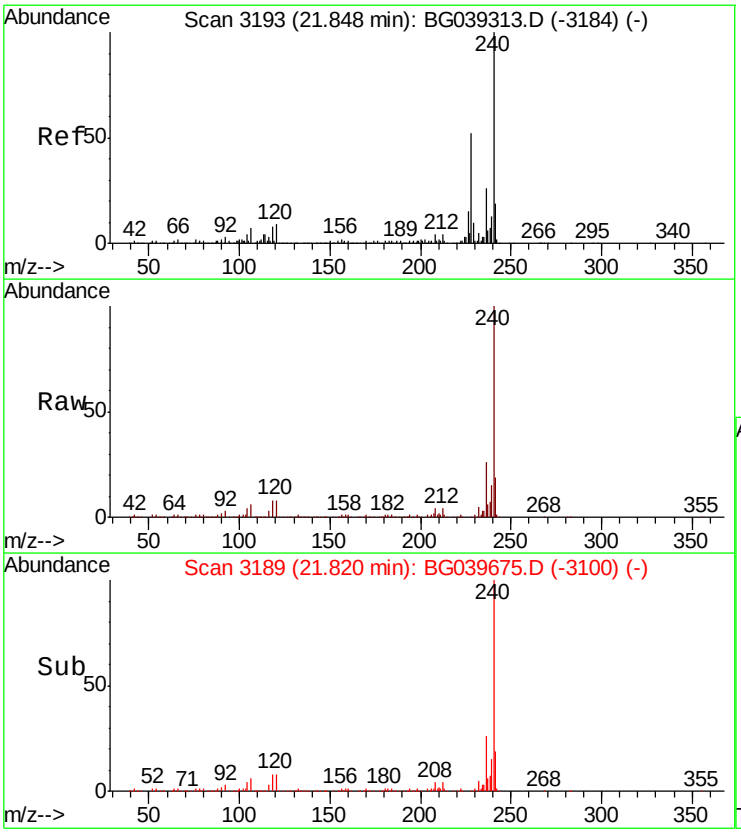
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

Tgt Ion:188 Resp: 365462

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.7	8.1	12.1

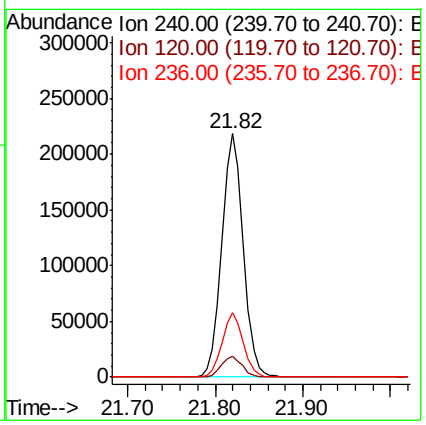


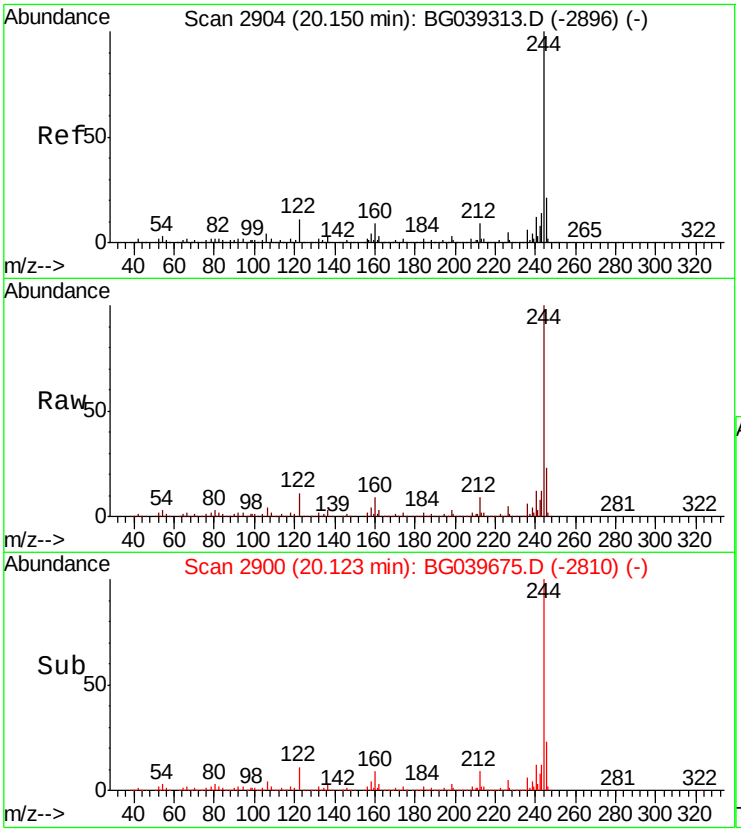


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Tgt Ion:240 Resp: 369079

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	26.4	21.0	31.4



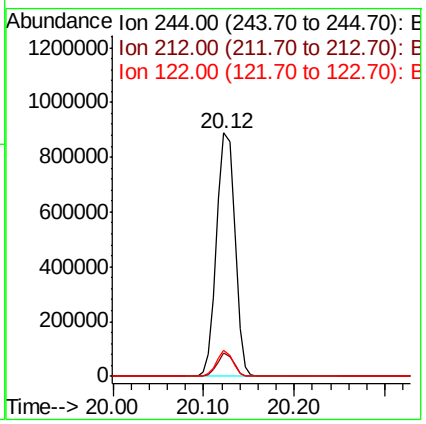


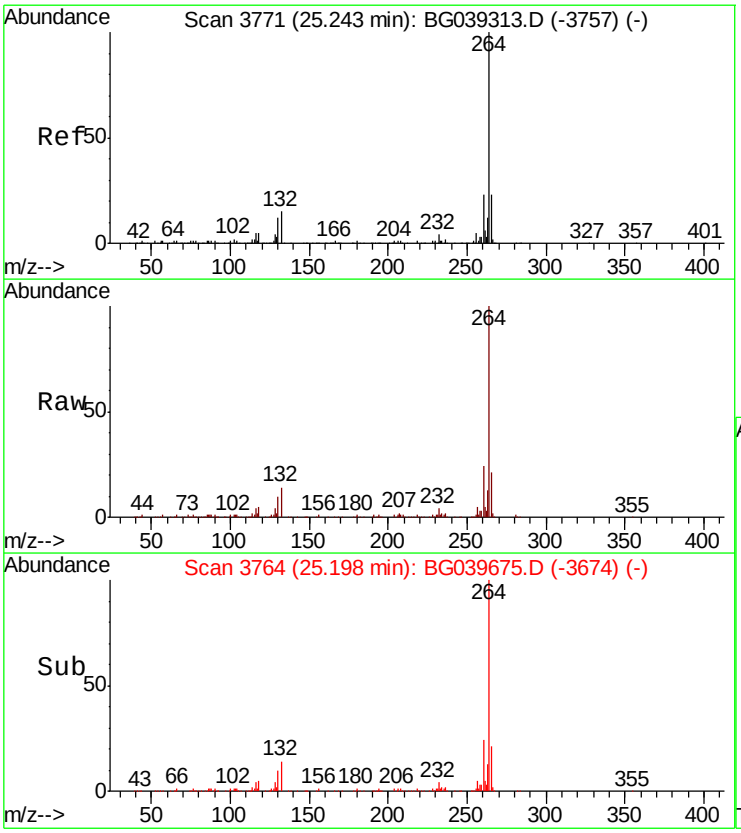
#79
Terphenyl-d14
Concen: 71.549 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

Tgt Ion:244 Resp: 1247568

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	10.5	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.00 min
Lab File: BG039675.D
Acq: 1 Mar 2019 00:50

Tgt Ion:264 Resp: 371585

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	20.8	18.5	27.7