Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
Data File : BG039165.D
Acq On : 16 Jan 2019 20:15
Operator : JU/SJ
Sample : K1142-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-D9-E9-D9A-E9A

Quant Time: Jan 17 04:20:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	21906	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	96147	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	87297	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	187933	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	205143	20.00	ng	-0.02
87) Perylene-d12	24.95	264	225222	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	165010	142.89	ng	-0.01
7) Phenol-d6	7.17	99	242046	145.65	ng	-0.02
23) Nitrobenzene-d5	9.20	82	126152	71.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	124319	84.96	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	372000	58.32	ng	-0.01
79) Terphenyl-d14	20.01	244	775457	69.93	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.20	94	4498	2.700	ng	76
50) Dimethylphthalate	14.10	163	144571	19.598	ng	99

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

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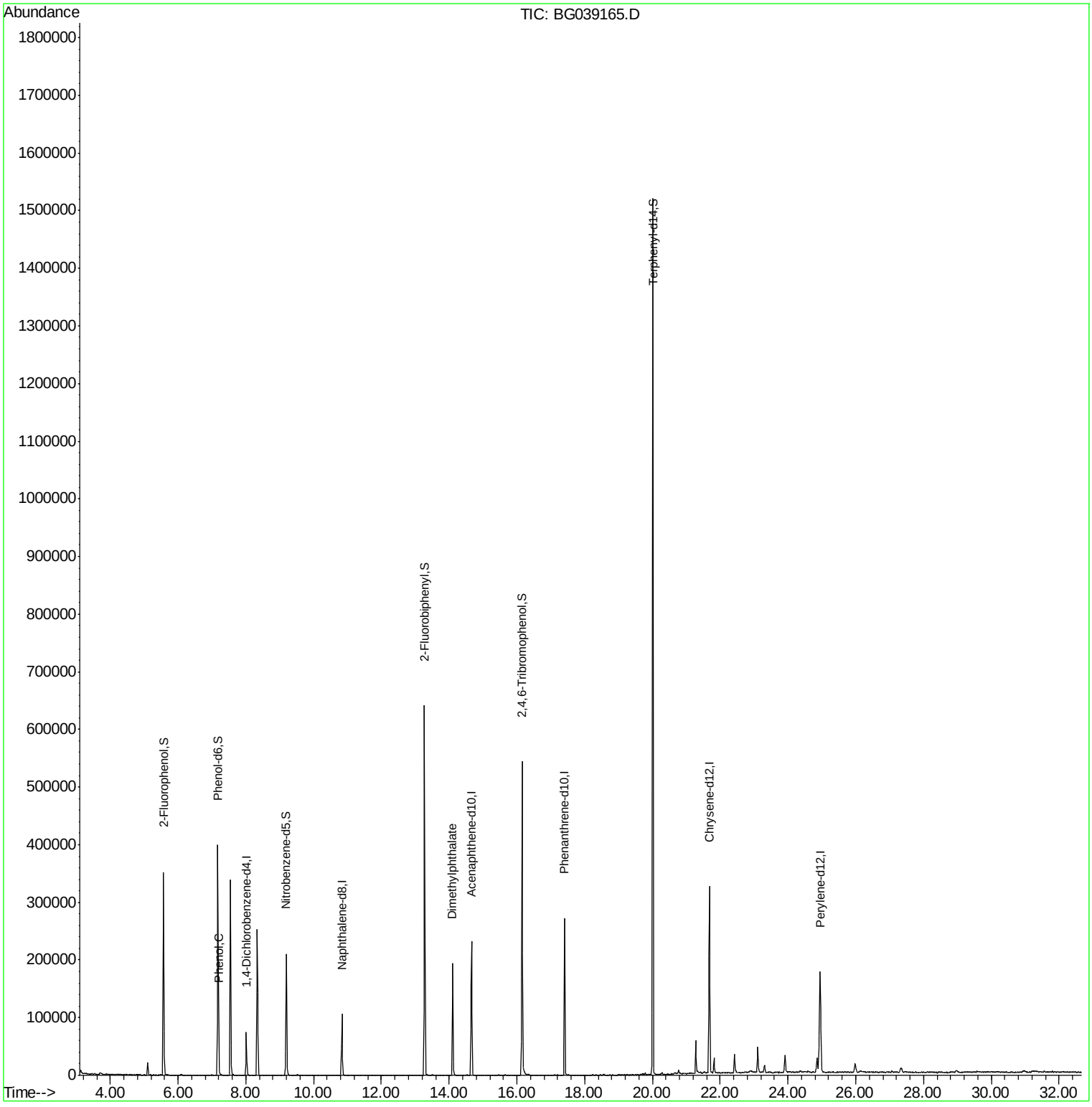
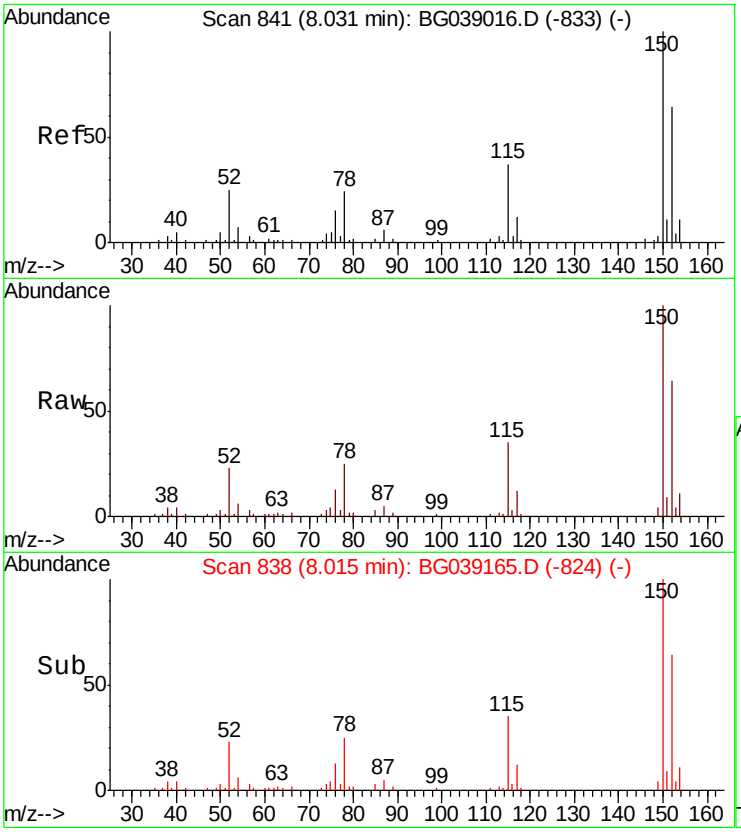


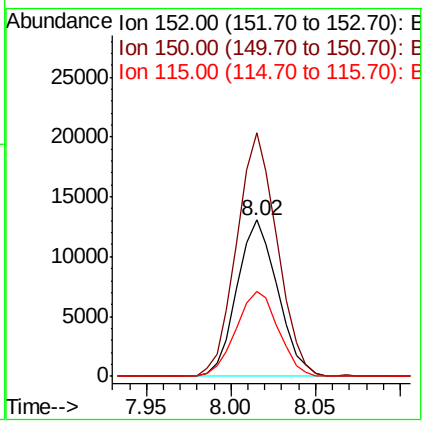


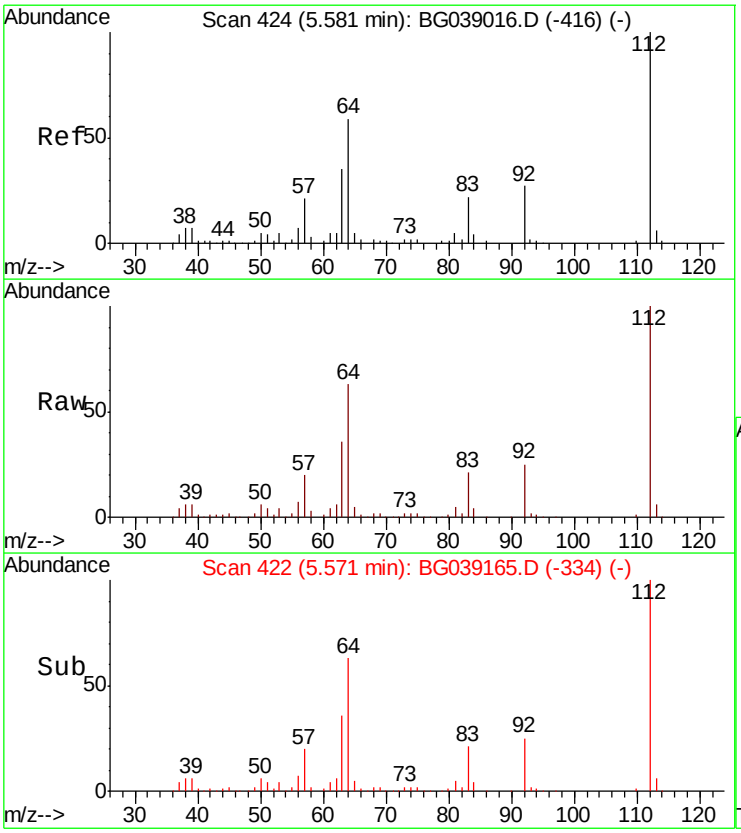
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion:152 Resp: 21906

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.7	187.1
115	53.9	46.5	69.7

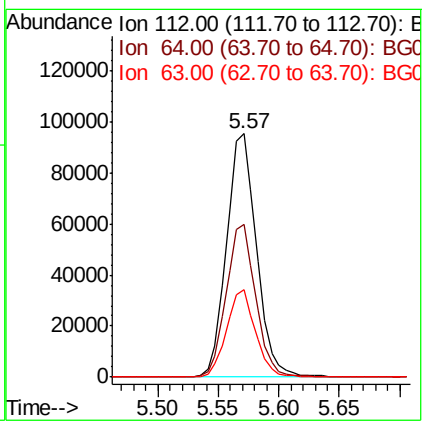


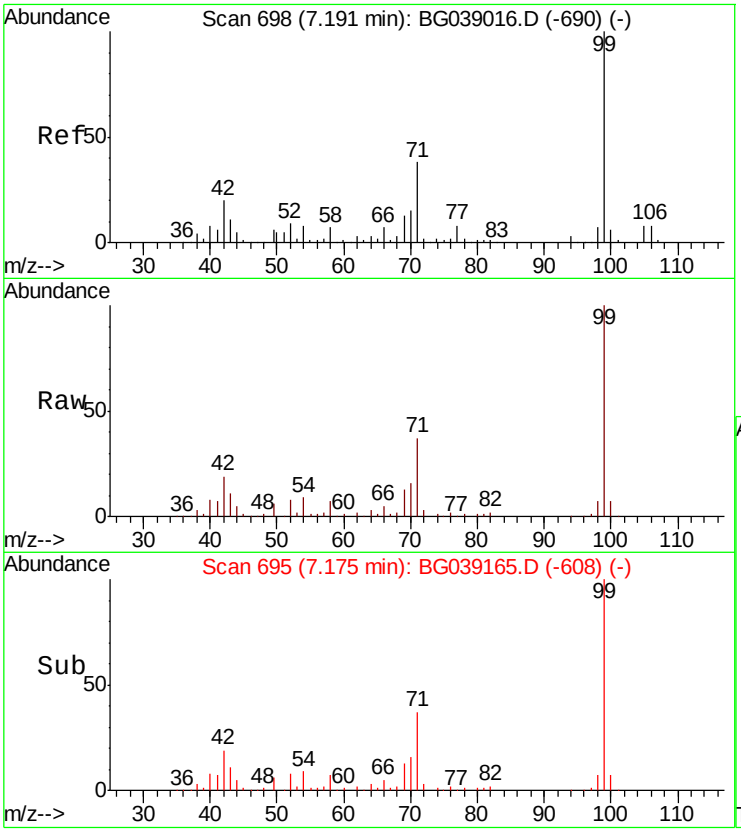


#5
2-Fluorophenol
Concen: 142.893 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Tgt Ion:112 Resp: 165010

Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.0	70.6
63	35.7	28.0	42.0



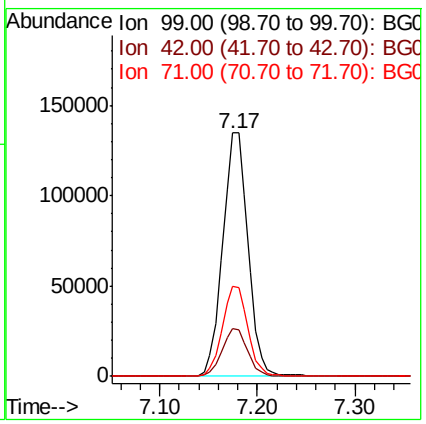


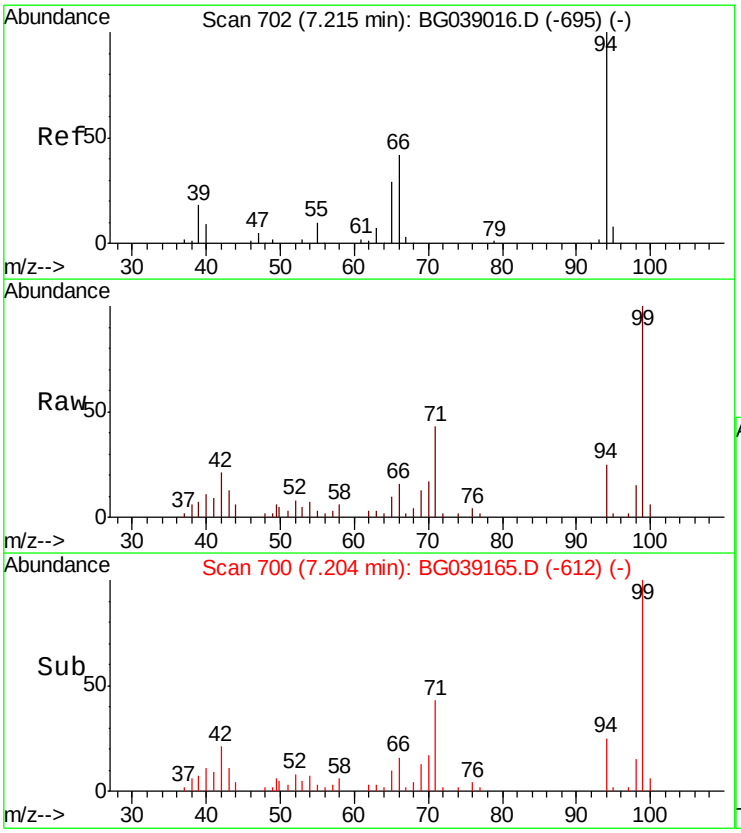
#7
Phenol-d6
Concen: 145.646 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion: 99 Resp: 242046

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	36.9	30.2	45.4

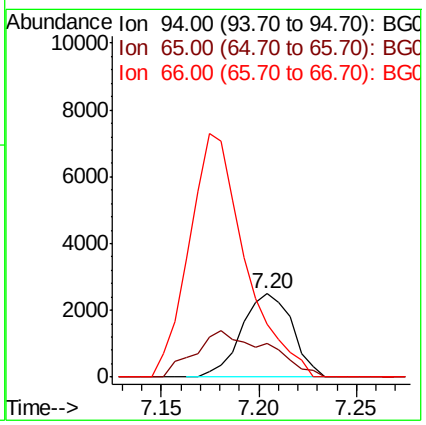


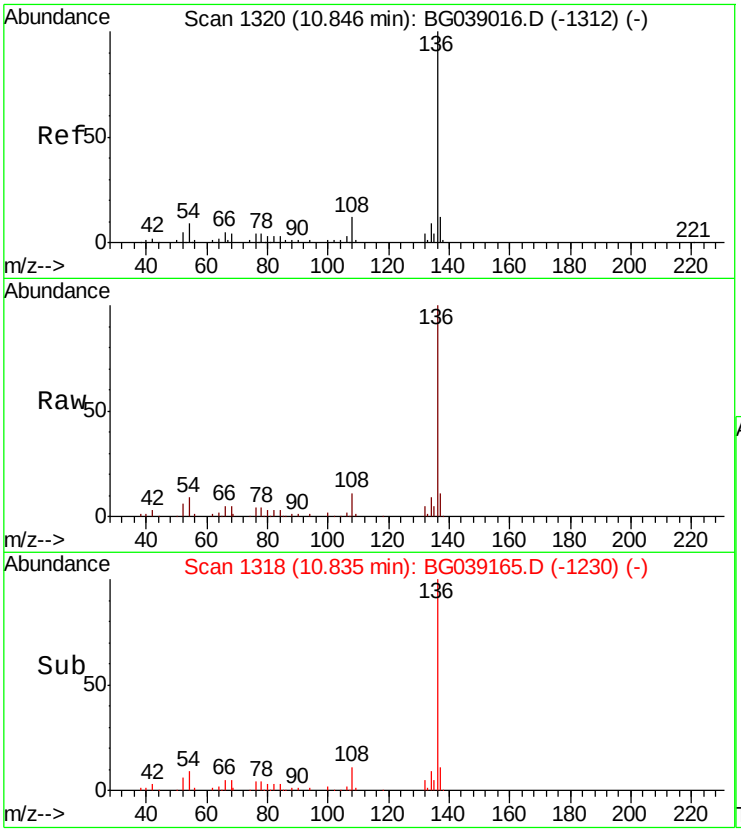


#10
Phenol
Concen: 2.700 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Tgt Ion: 94 Resp: 4498

Ion	Ratio	Lower	Upper
94	100		
65	40.1	10.3	50.3
66	63.5	25.1	65.1



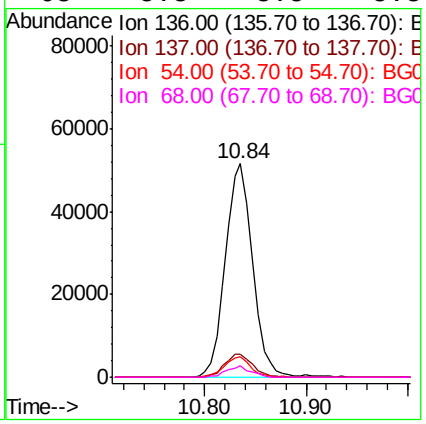


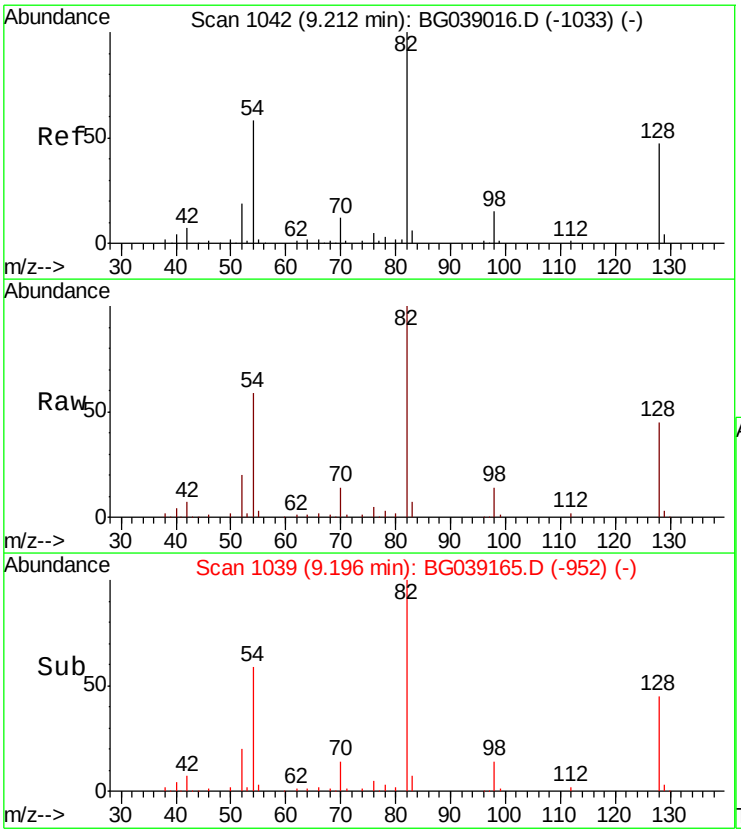
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion:136 Resp: 96147

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.4	14.2
54	9.3	7.2	10.8
68	5.3	3.5	5.3

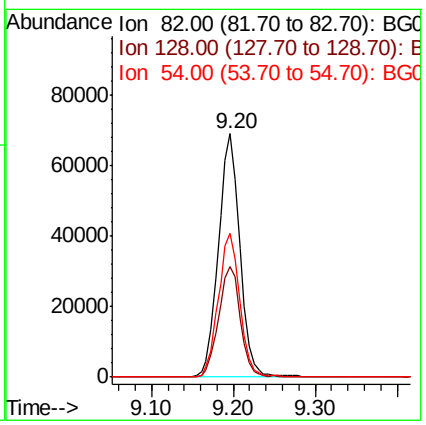


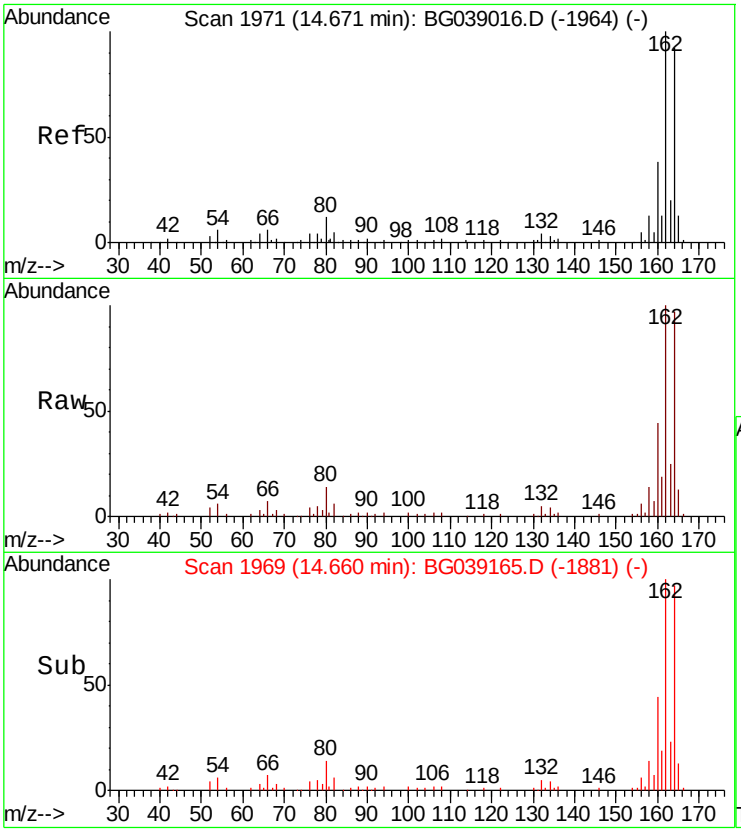


#23
Nitrobenzene-d5
Concen: 71.796 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Tgt Ion: 82 Resp: 126152

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.3	55.9
54	58.9	46.4	69.6



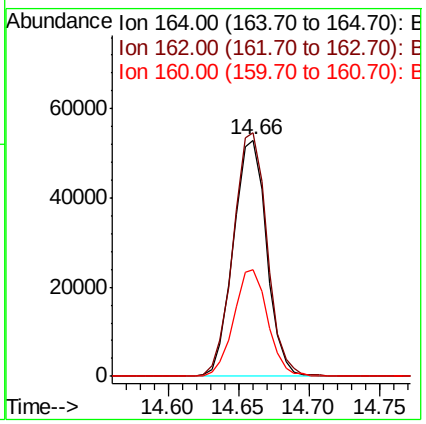


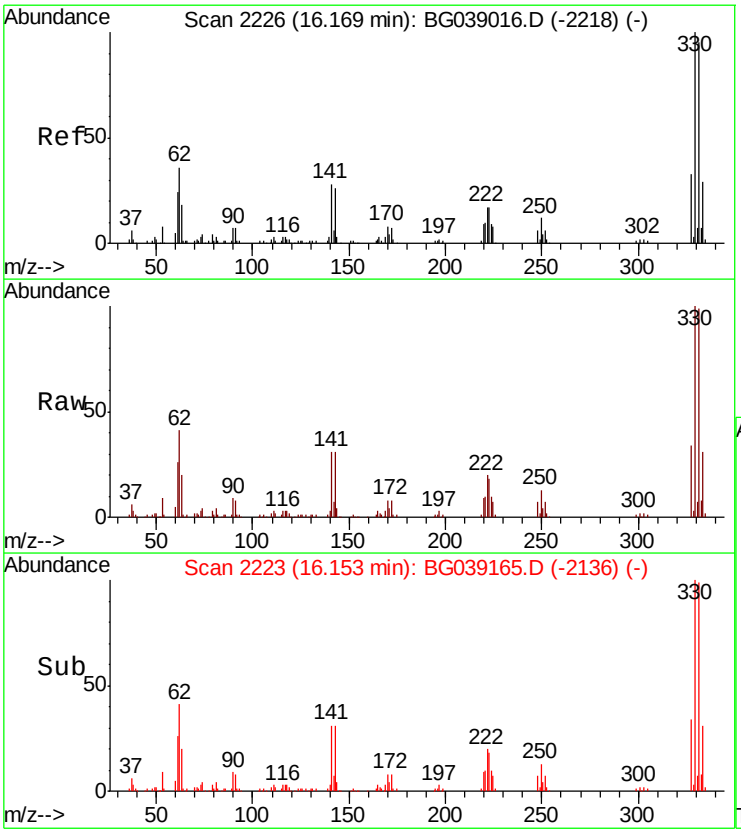
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion:164 Resp: 87297

Ion	Ratio	Lower	Upper
164	100		
162	102.9	87.2	130.8
160	44.9	33.3	49.9

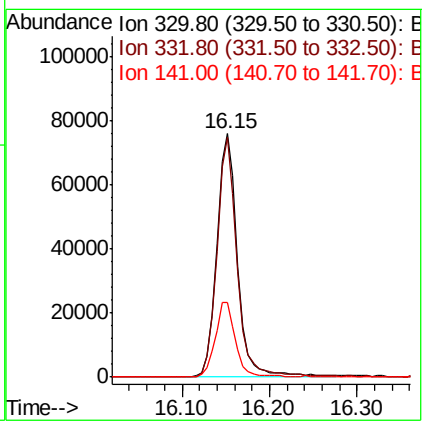


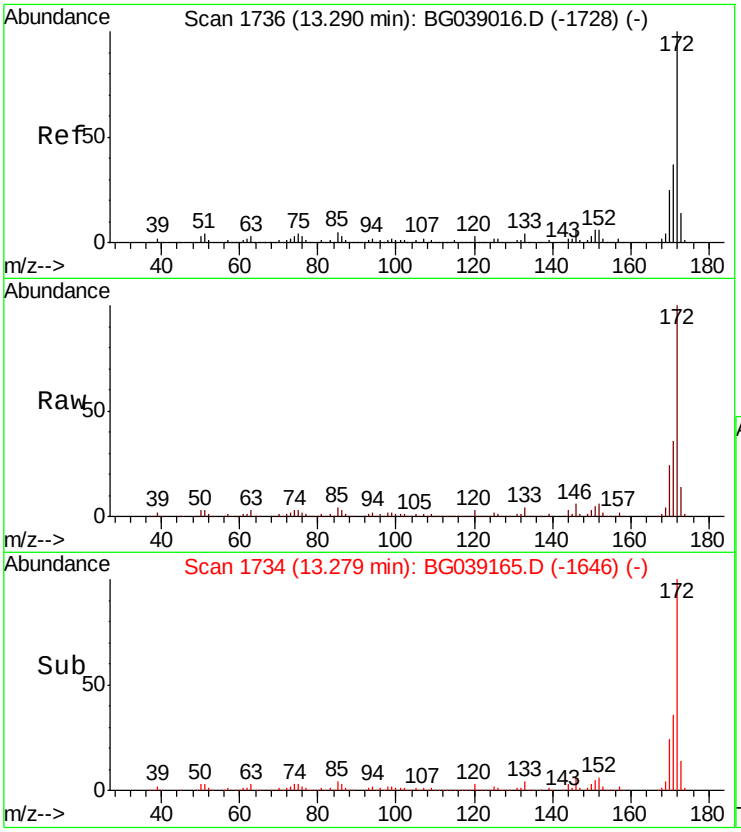


#42
2,4,6-Tribromophenol
Concen: 84.956 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Tgt Ion:330 Resp: 124319

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.7	113.5
141	30.4	24.9	37.3



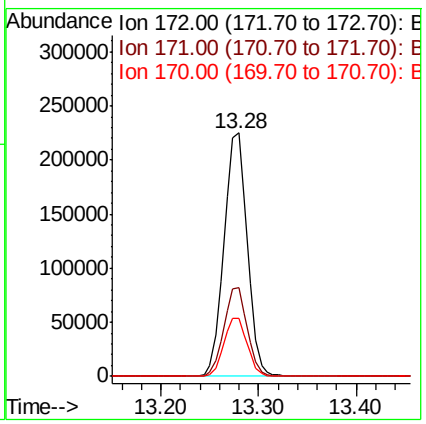


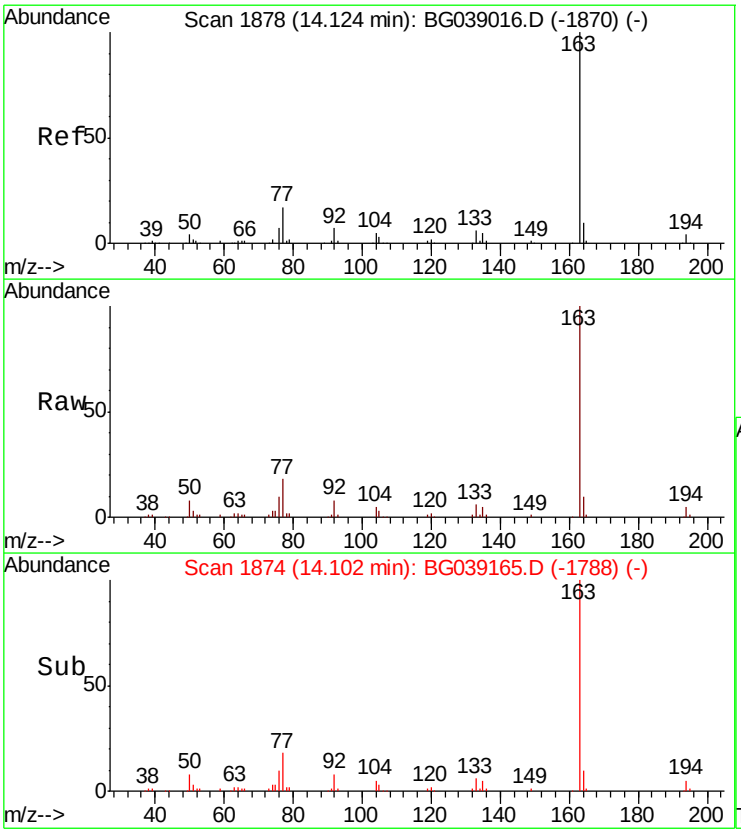
#45
2-Fluorobiphenyl
Concen: 58.319 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion:172 Resp: 372000

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	23.8	20.1	30.1

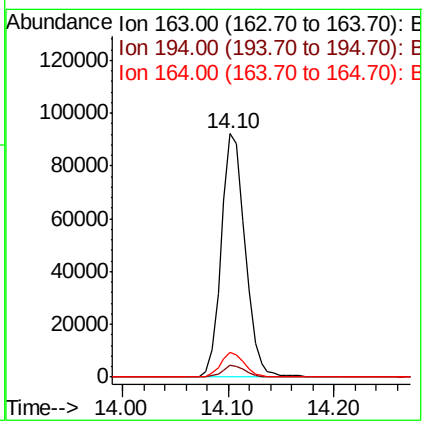


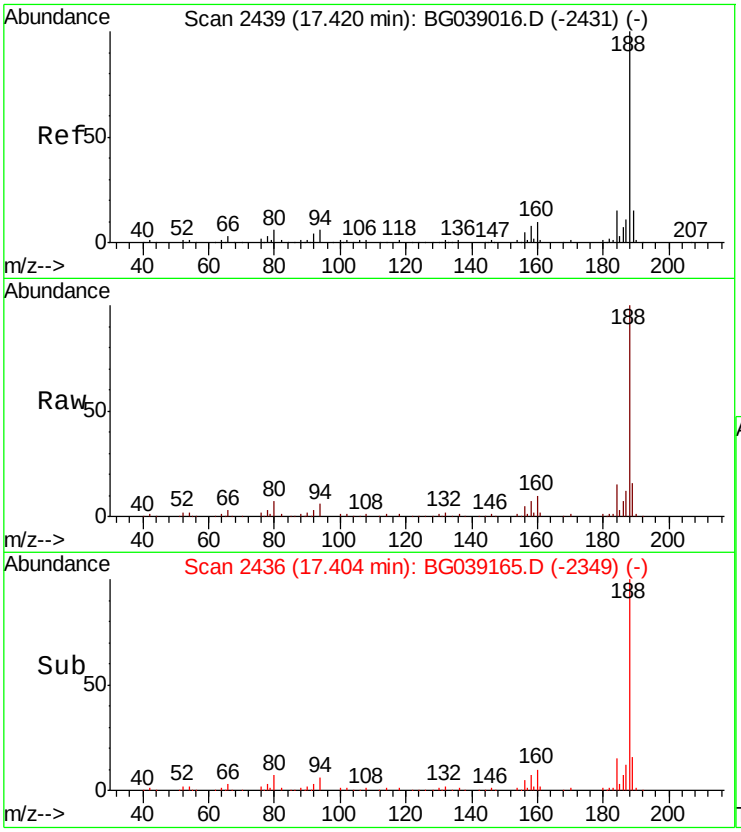


#50
Dimethylphthalate
Concen: 19.598 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Tgt Ion:163 Resp: 144571

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	10.4	8.2	12.2



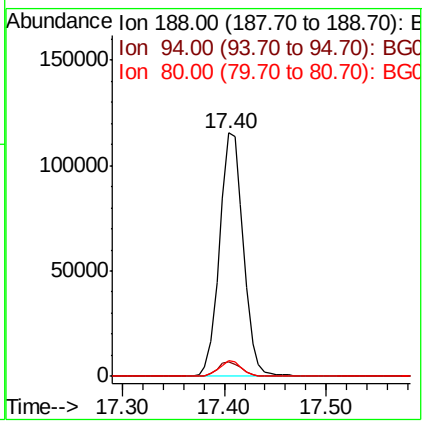


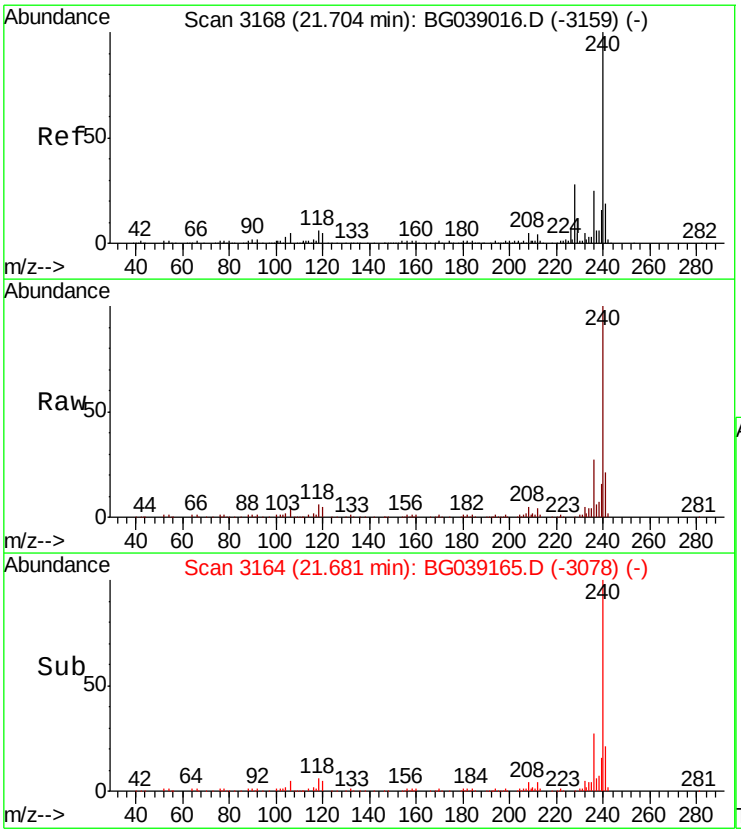
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion:188 Resp: 187933

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.0	7.4
80	6.6	4.7	7.1

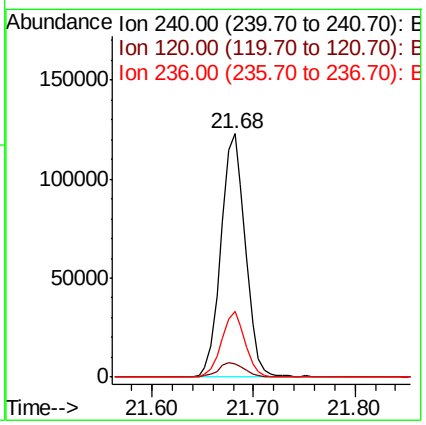


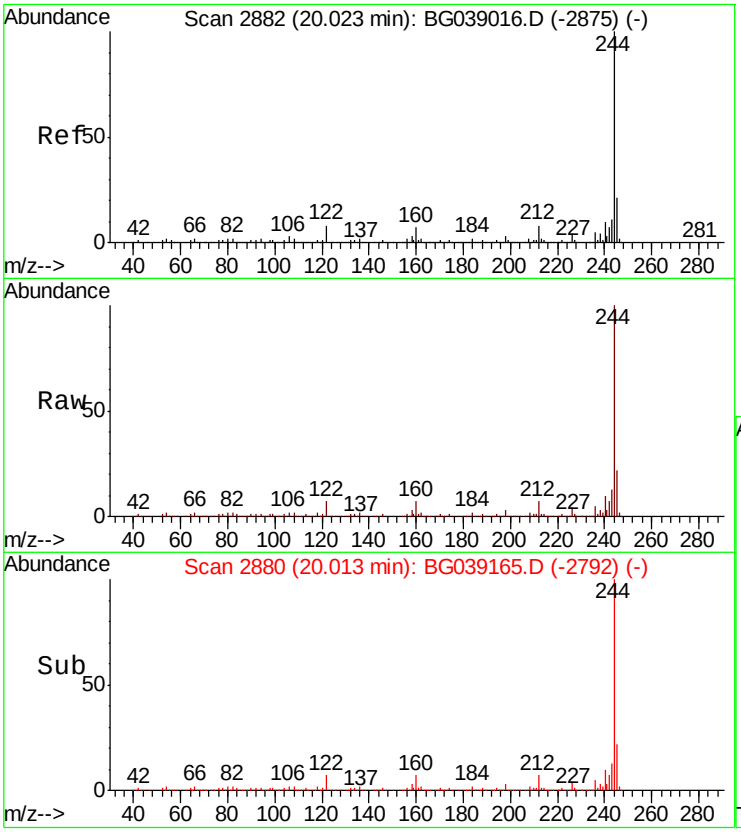


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Tgt Ion:240 Resp: 205143

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.3	6.5
236	27.1	20.1	30.1



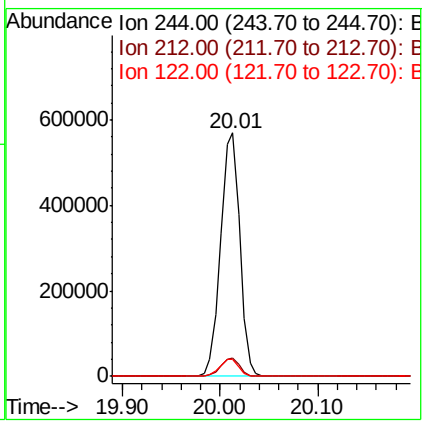


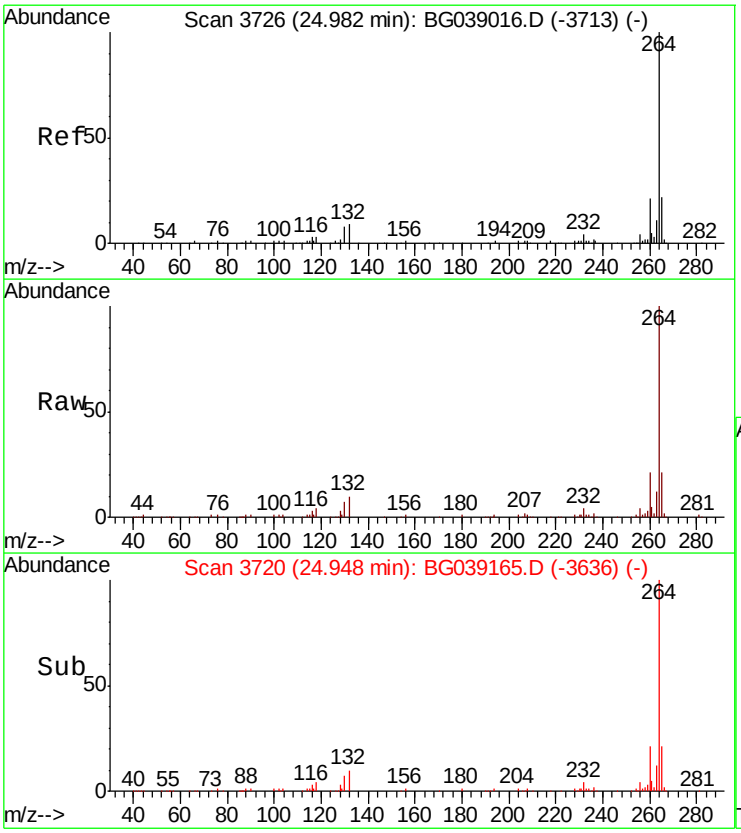
#79
Terphenyl-d14
Concen: 69.927 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion:244 Resp: 775457

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	7.2	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. -0.03 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Tgt Ion:264 Resp: 225222

Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.0	25.6
265	20.9	17.2	25.8