

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041617.D
 Acq On : 5 Jul 2019 18:35
 Operator : HP/JU
 Sample : K3645-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-010RE

Quant Time: Jul 06 00:18:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

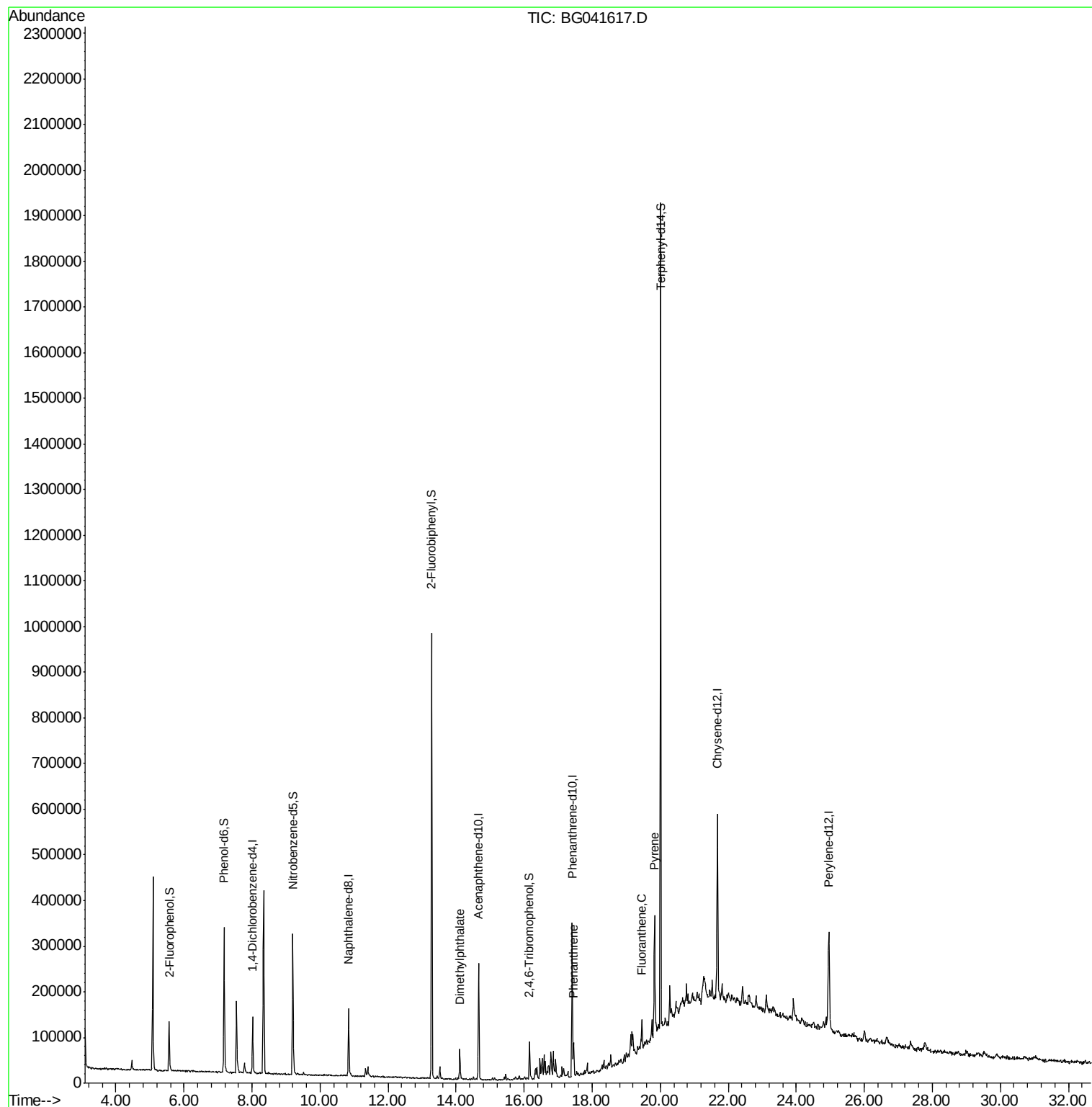
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33206	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	121170	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	84859	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	213518	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	236102	20.00	ng	-0.01
87) Perylene-d12	24.96	264	265606	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	48709	26.15	ng	0.00
7) Phenol-d6	7.18	99	175030	66.76	ng	0.00
23) Nitrobenzene-d5	9.20	82	193582	66.63	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	17357	11.98	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	481103	72.75	ng	-0.01
79) Terphenyl-d14	20.01	244	871422	78.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	46996	6.086	ng	99
71) Phenanthrene	17.45	178	43509	3.698	ng	99
75) Fluoranthene	19.46	202	40825	2.603	ng	98
78) Pyrene	19.83	202	39618	2.458	ng	94

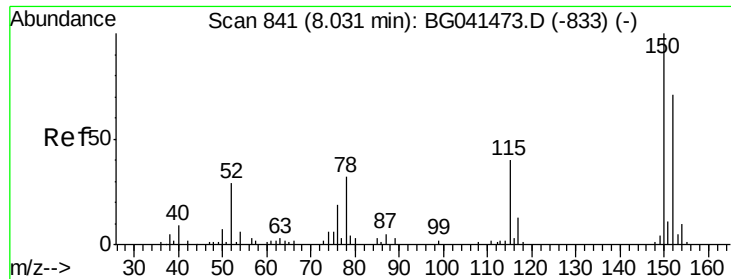
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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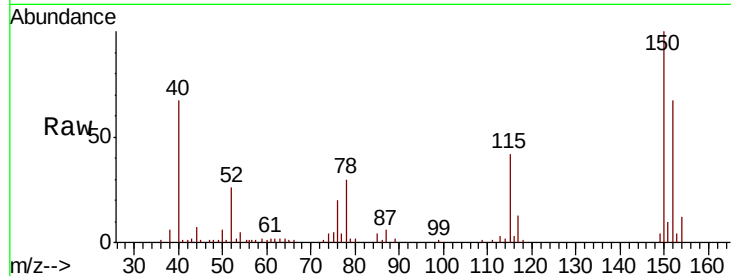


#1

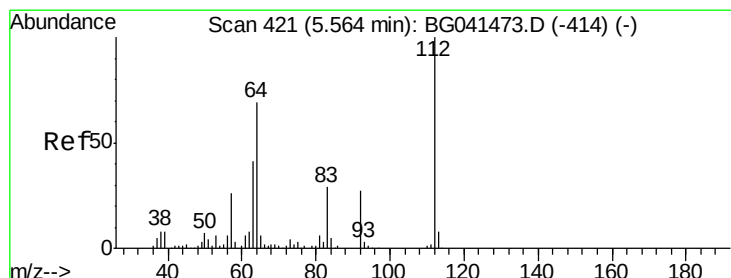
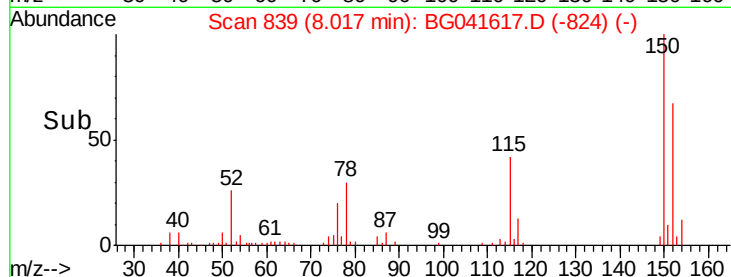
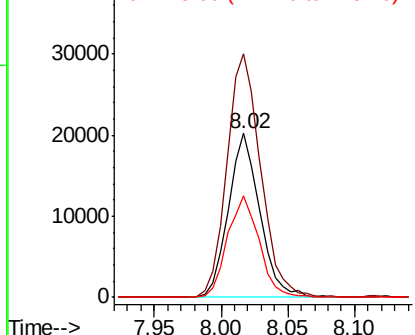
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG041617.D
Acq: 5 Jul 2019 18:35

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-010RE

Tot Ion:152 Resp: 33206
Ion Ratio Lower Upper
152 100
150 148.5 112.4 168.6
115 62.0 44.6 66.8



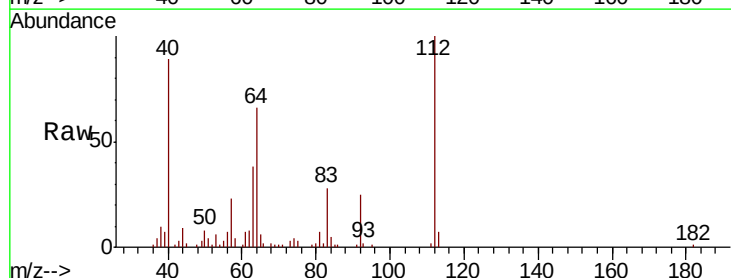
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



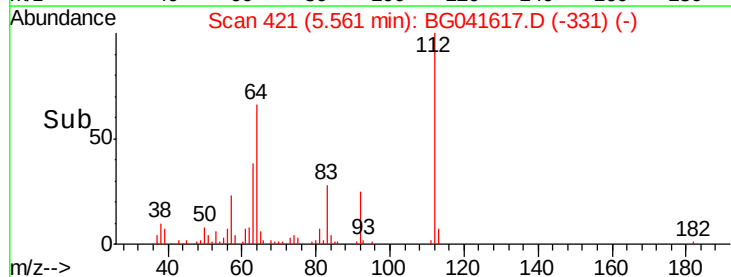
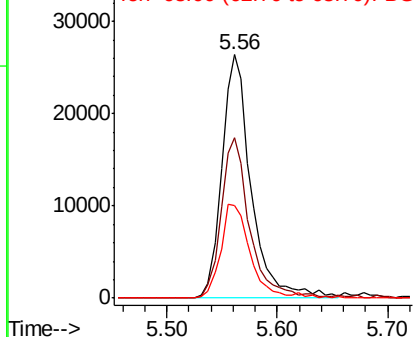
#5

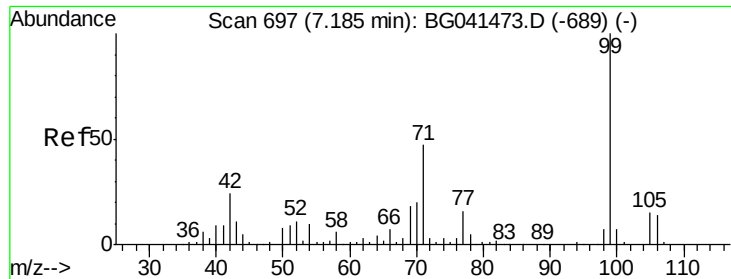
2-Fluorophenol
Concen: 26.152 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG041617.D
Acq: 5 Jul 2019 18:35

Tgt Ion:112 Resp: 48709
Ion Ratio Lower Upper
112 100
64 65.7 55.1 82.7
63 38.1 32.4 48.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 66.756 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041617.D

Acq: 5 Jul 2019 18:35

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-010RE

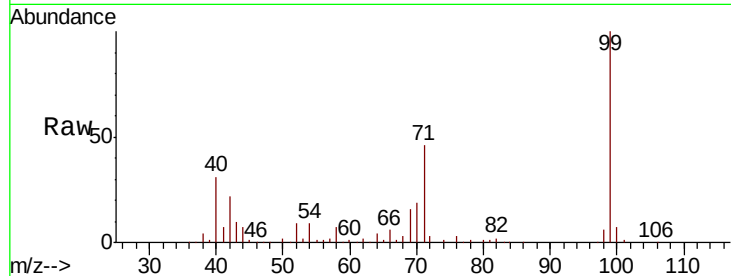
Tot Ion: 99 Resp: 175030

Ion Ratio Lower Upper

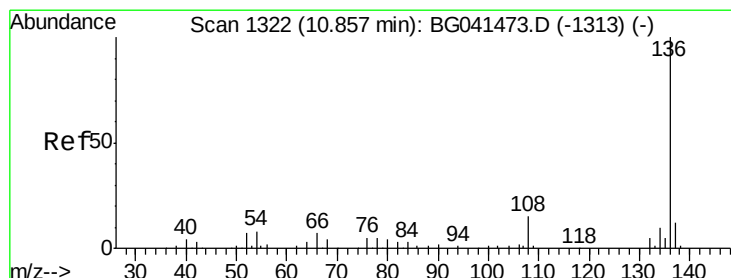
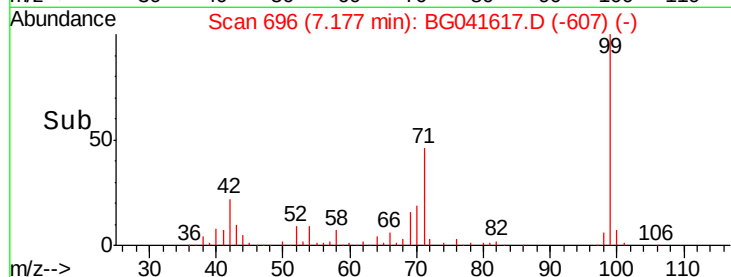
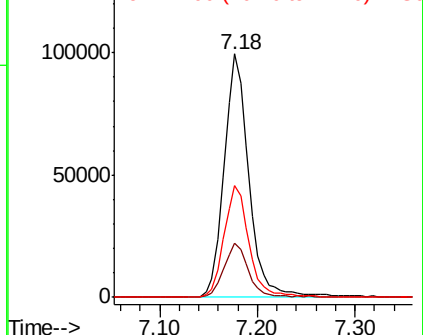
99 100

42 22.1 19.0 28.6

71 46.2 37.4 56.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BG041617.D

Acq: 5 Jul 2019 18:35

Tgt Ion: 136 Resp: 121170

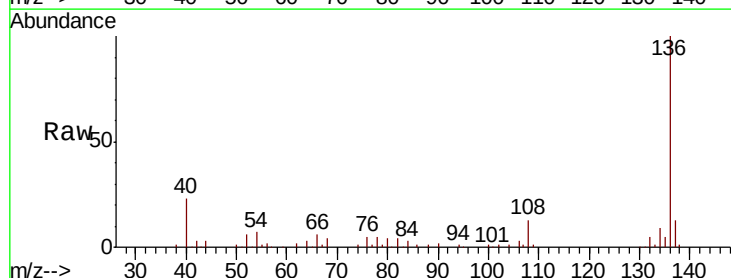
Ion Ratio Lower Upper

136 100

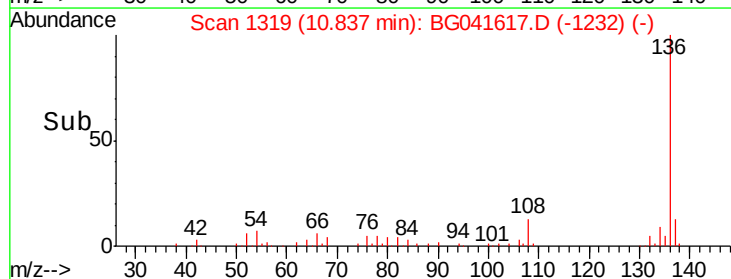
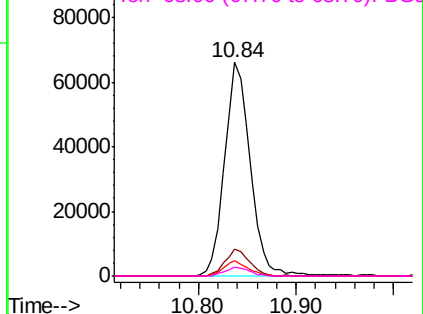
137 12.5 9.3 13.9

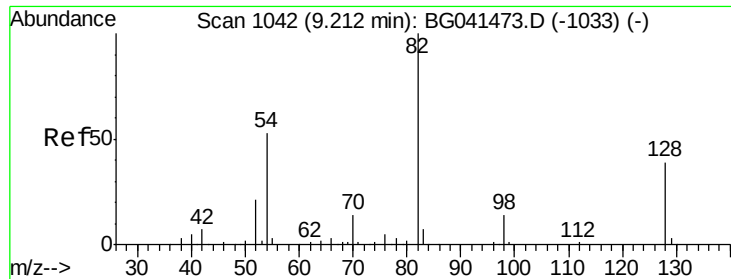
54 7.3 7.1 10.7

68 4.4 3.3 4.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

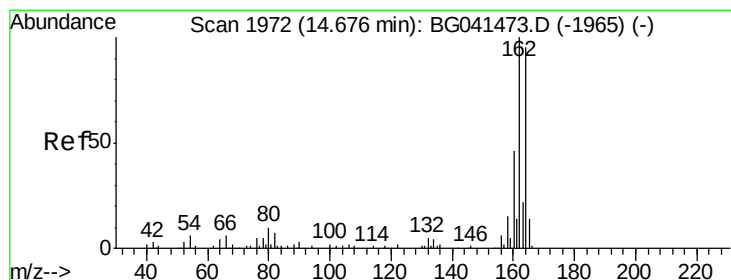
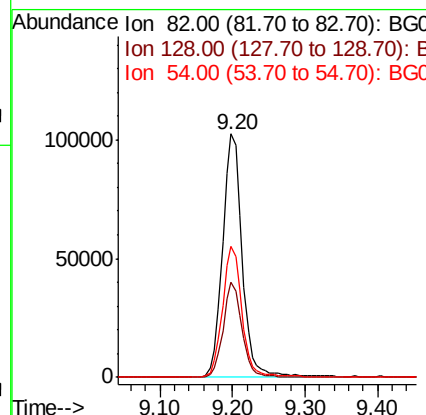
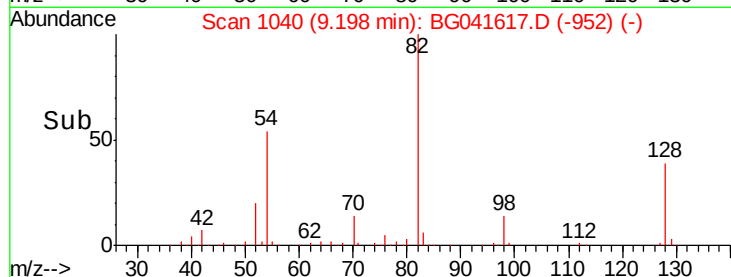
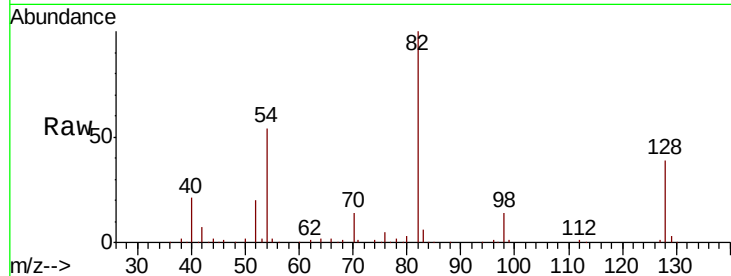




#23
 Nitrobenzene-d5
 Concen: 66.631 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041617.D
 Acq: 5 Jul 2019 18:35

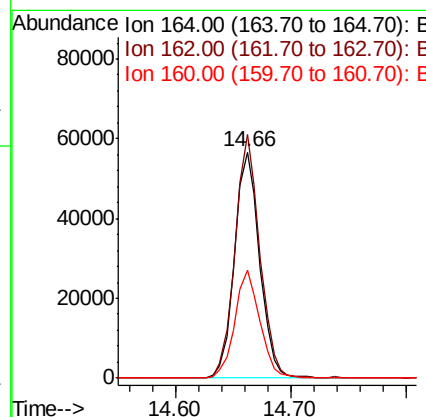
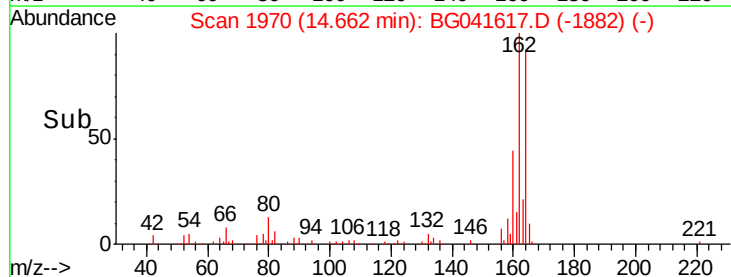
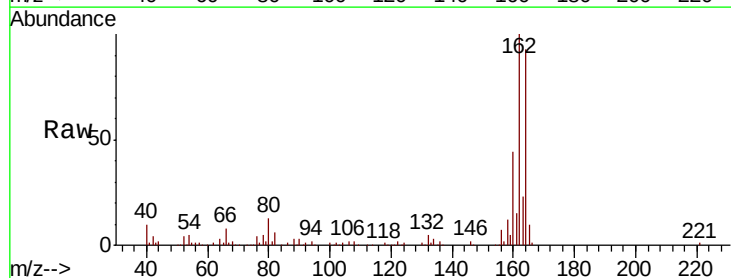
Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-010RE

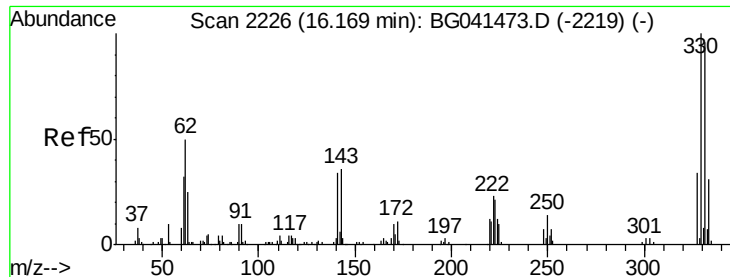
Tot Ion	82	Resp	193582
Ion Ratio	Lower	Upper	
82	100		
128	39.3	30.9	46.3
54	53.8	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG041617.D
 Acq: 5 Jul 2019 18:35

Tgt Ion	164	Resp	84859
Ion Ratio	Lower	Upper	
164	100		
162	107.8	84.4	126.6
160	47.7	38.8	58.2

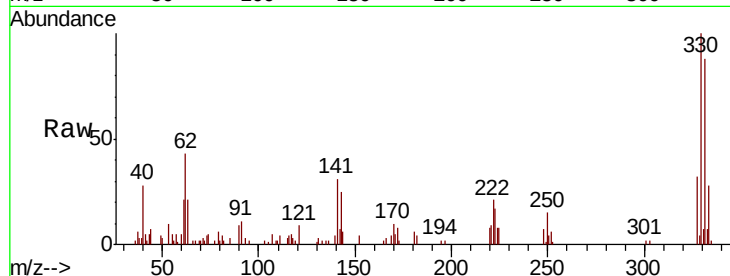




#42
 2,4,6-Tribromophenol
 Concen: 11.979 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG041617.D
 Acq: 5 Jul 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-010RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.5	113.3
141	36.9	27.8	41.6

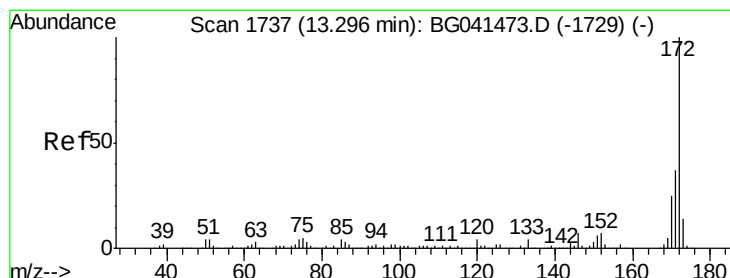
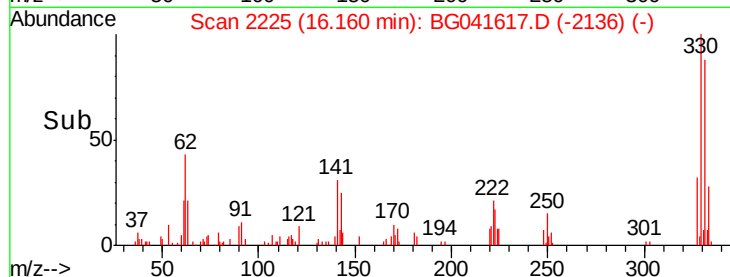
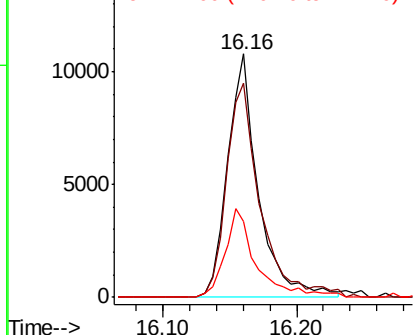


Abundance

Ion 329.80 (329.50 to 330.50): E

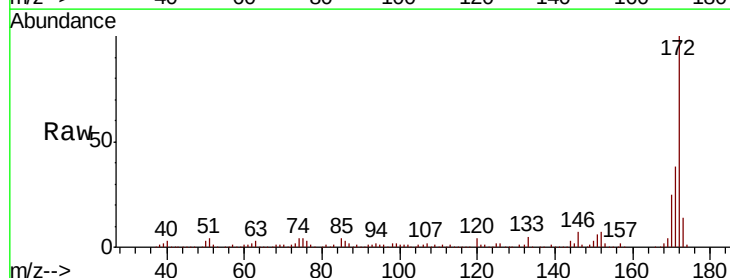
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.754 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG041617.D
 Acq: 5 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.6	44.4
170	25.3	20.0	30.0

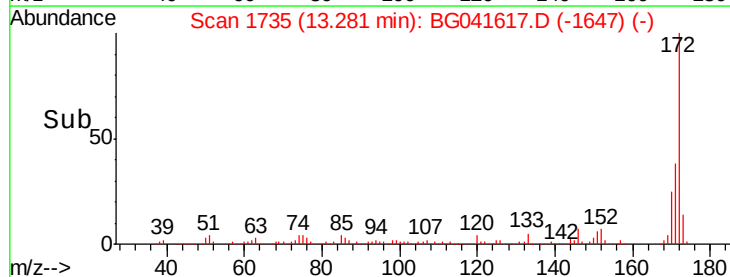
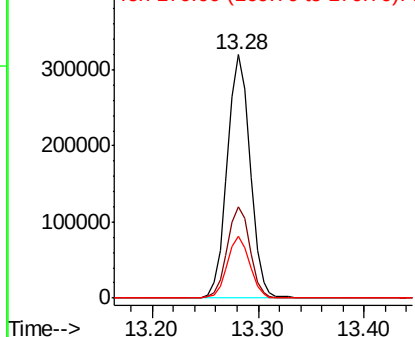


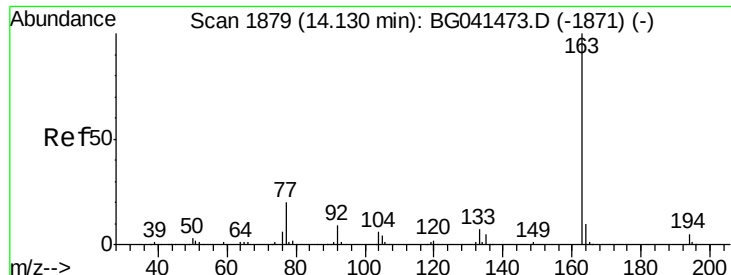
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.086 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041617.D

Acq: 5 Jul 2019 18:35

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-010RE

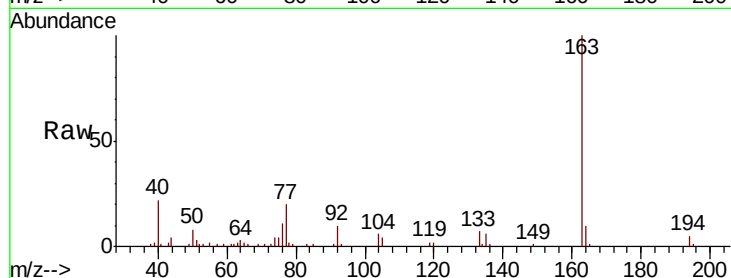
Tot Ion:163 Resp: 46996

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

164 10.2 7.8 11.6

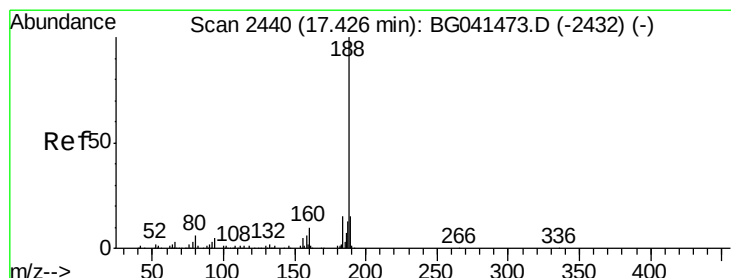
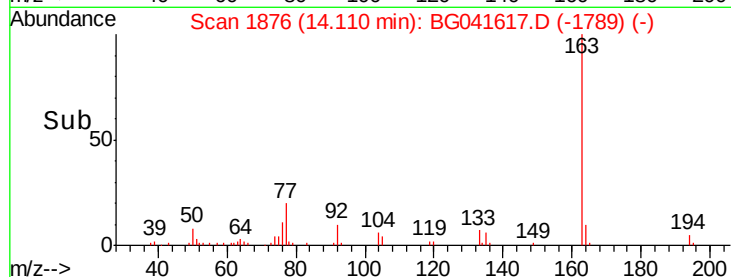
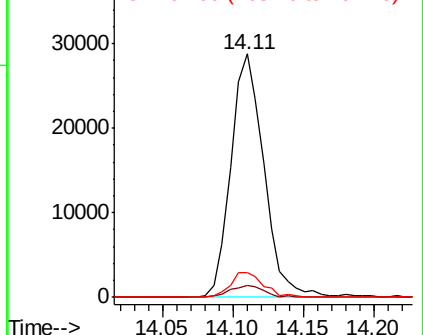


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG041617.D

Acq: 5 Jul 2019 18:35

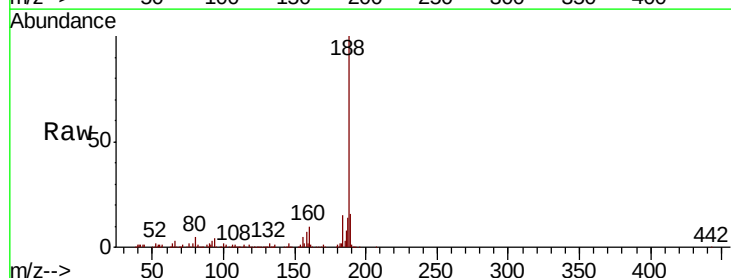
Tgt Ion:188 Resp: 213518

Ion Ratio Lower Upper

188 100

94 4.4 3.8 5.8

80 5.3 4.8 7.2

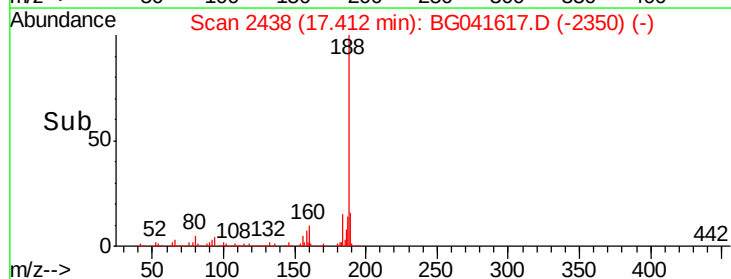
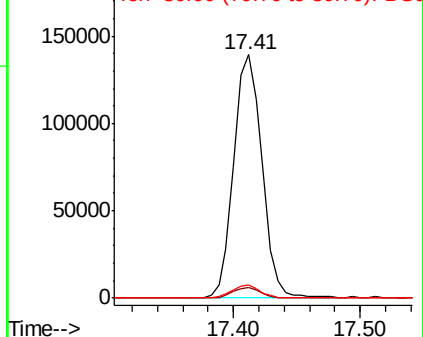


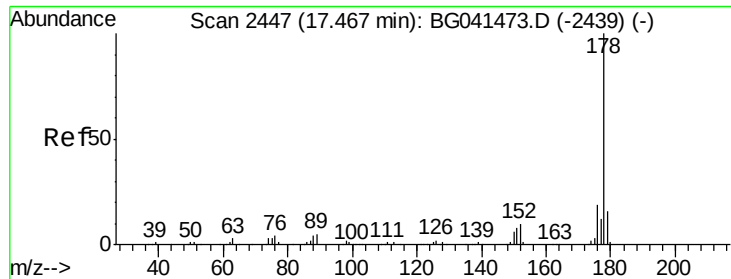
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

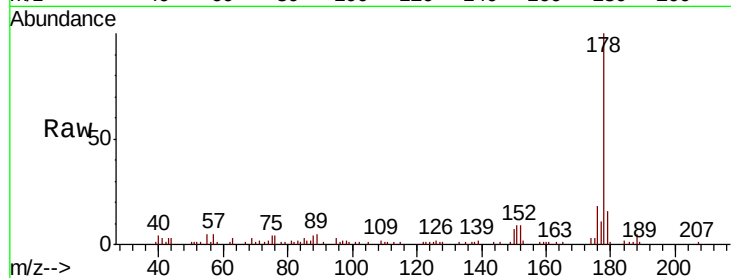




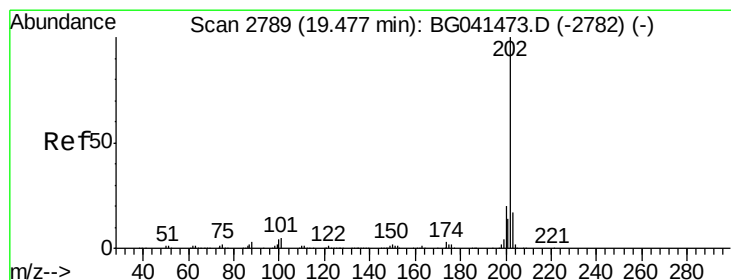
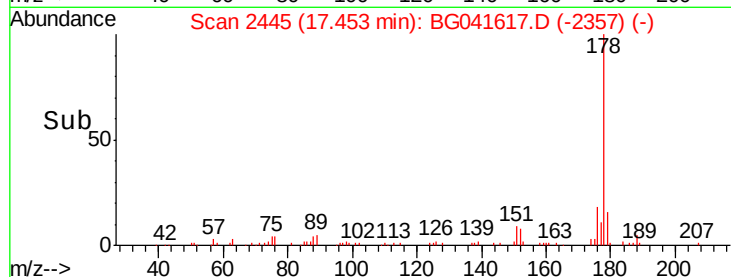
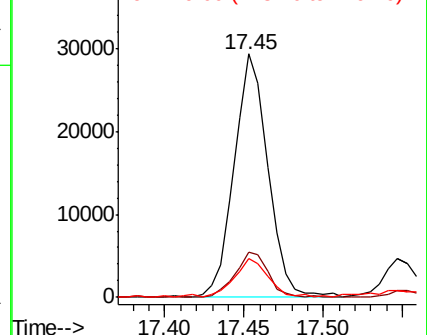
#71
Phenanthrene
Concen: 3.698 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG041617.D
Acq: 5 Jul 2019 18:35

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-010RE

Tot Ion:178 Resp: 43509
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 16.1 13.0 19.4

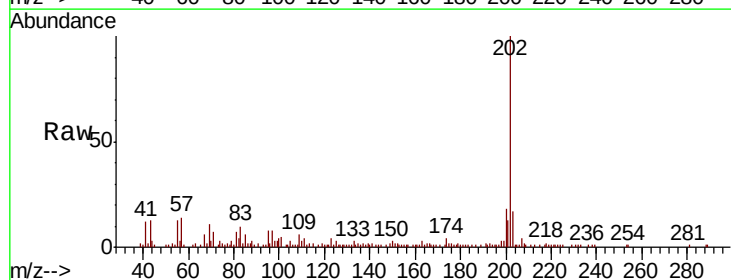


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

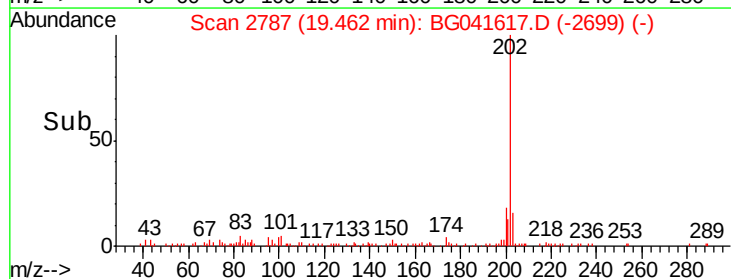
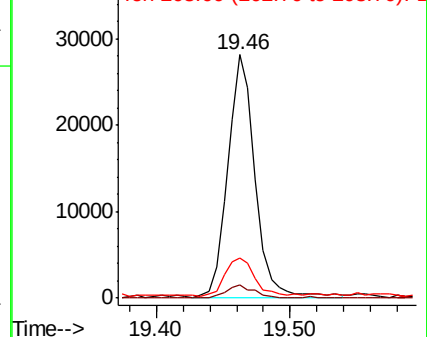


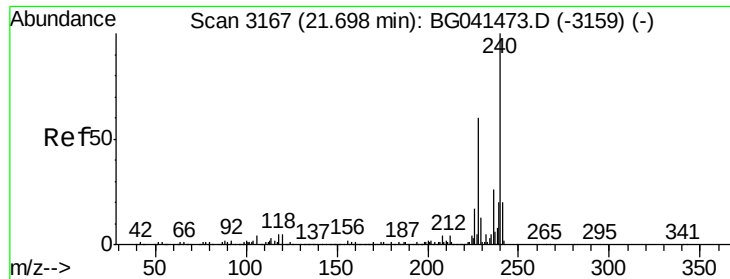
#75
Fluoranthene
Concen: 2.603 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG041617.D
Acq: 5 Jul 2019 18:35

Tgt Ion:202 Resp: 40825
Ion Ratio Lower Upper
202 100
101 5.3 0.0 24.9
203 16.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG041617.D

Acq: 5 Jul 2019 18:35

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-010RE

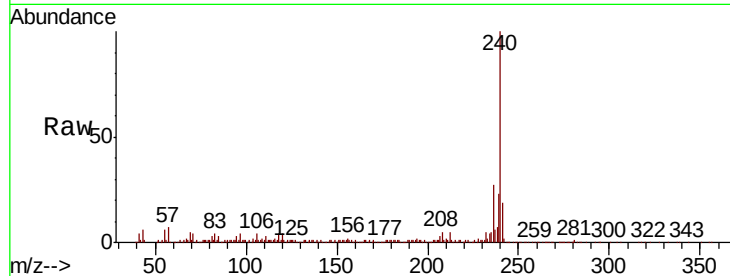
Tot Ion:240 Resp: 236102

Ion Ratio Lower Upper

240 100

120 4.2 3.7 5.5

236 26.6 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.68

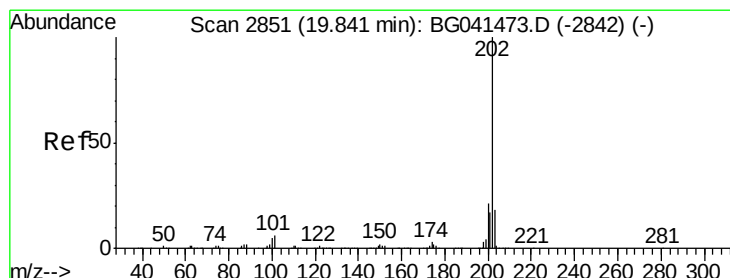
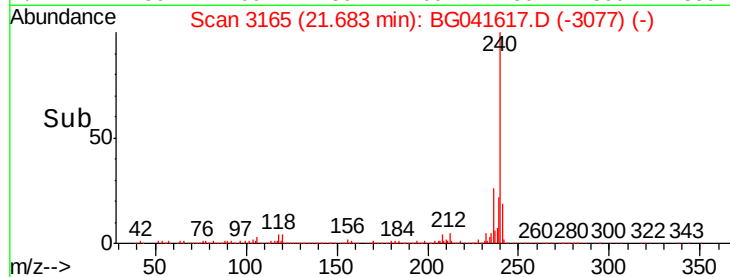
150000

100000

50000

0

Time-->



#78

Pyrene

Concen: 2.458 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG041617.D

Acq: 5 Jul 2019 18:35

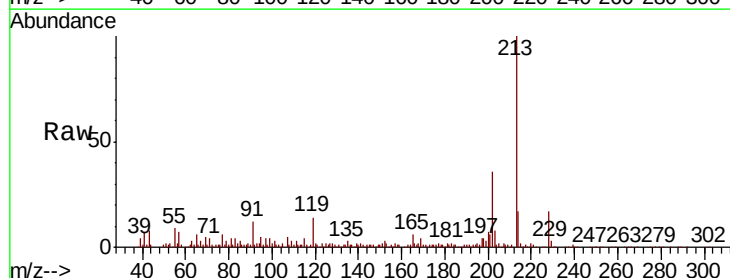
Tgt Ion:202 Resp: 39618

Ion Ratio Lower Upper

202 100

200 18.7 16.8 25.2

203 21.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.83

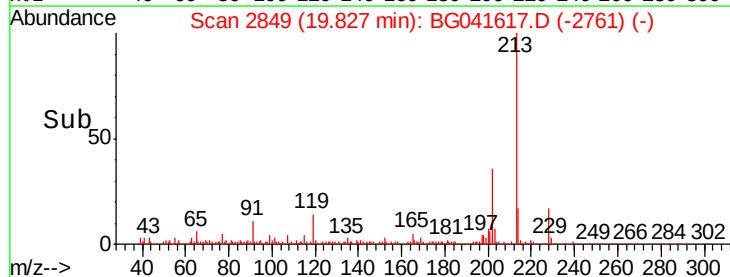
30000

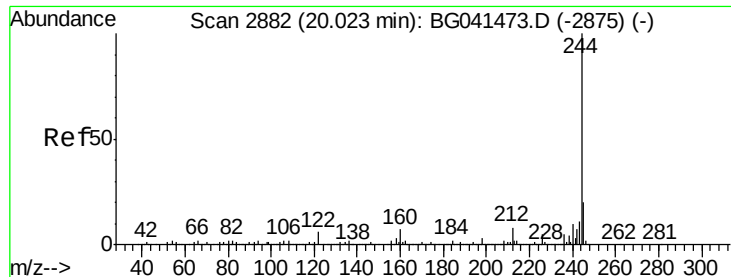
20000

10000

0

Time-->





#79

Terphenyl-d14

Concen: 78.434 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG041617.D

Acq: 5 Jul 2019 18:35

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-010RE

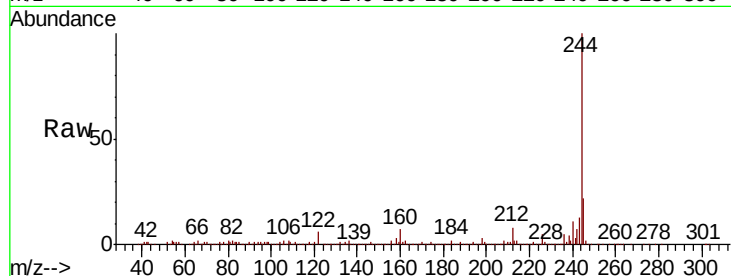
Tot Ion:244 Resp: 871422

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

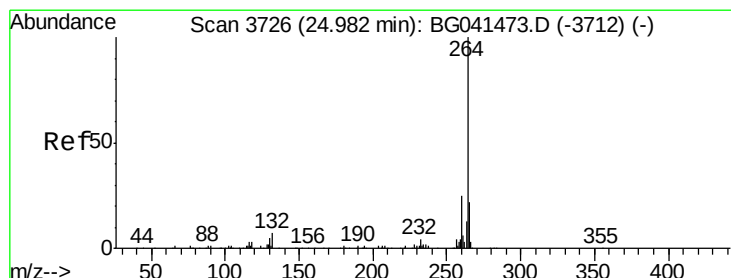
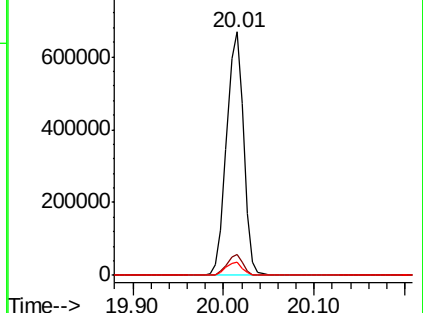
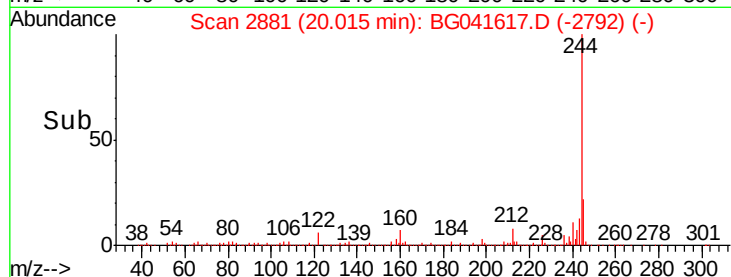
122 5.6 4.8 7.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG041617.D

Acq: 5 Jul 2019 18:35

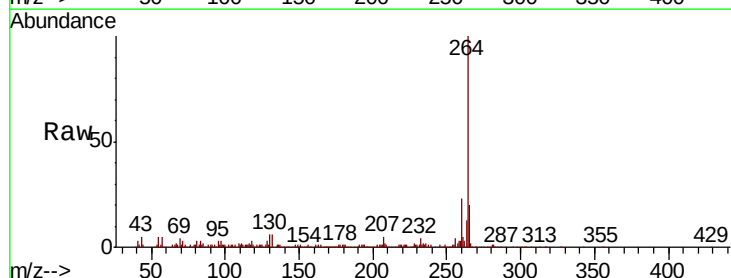
Tgt Ion:264 Resp: 265606

Ion Ratio Lower Upper

264 100

260 23.1 19.7 29.5

265 20.1 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

