

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
 Data File : BG041560.D
 Acq On : 1 Jul 2019 15:47
 Operator : HP/JU
 Sample : K3584-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-009

Quant Time: Jul 02 03:19:49 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

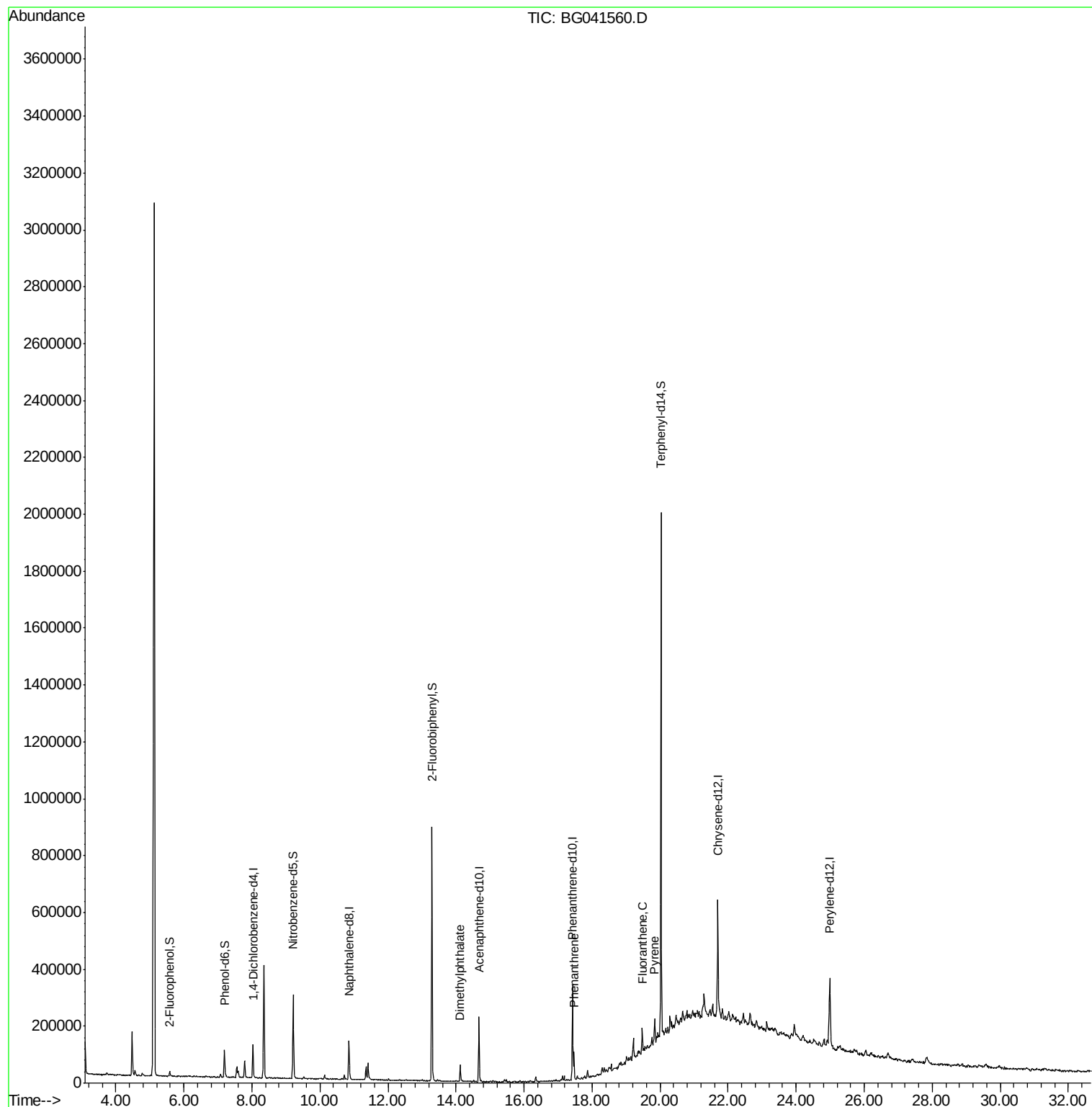
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32310	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	114224	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	80660	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	215015	20.00	ng	0.00
76) Chrysene-d12	21.70	240	250590	20.00	ng	0.00
87) Perylene-d12	24.99	264	277969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	7802	4.31	ng	0.02
7) Phenol-d6	7.19	99	57426	22.51	ng	0.00
23) Nitrobenzene-d5	9.21	82	187431	68.44	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	831	0.60	ng	0.02
45) 2-Fluorobiphenyl	13.30	172	460223	73.22	ng	0.00
79) Terphenyl-d14	20.03	244	907244	76.94	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	41080	5.597	ng	Qvalue # 97
71) Phenanthrene	17.47	178	60005	5.065	ng	97
75) Fluoranthene	19.48	202	60882	3.855	ng	100
78) Pyrene	19.84	202	54921	3.210	ng	97

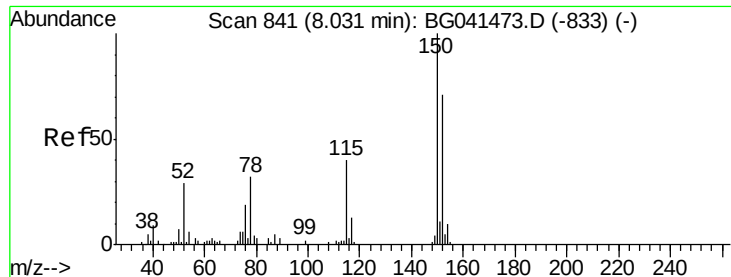
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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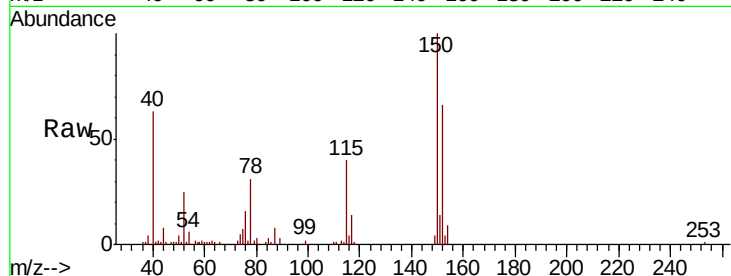


#1

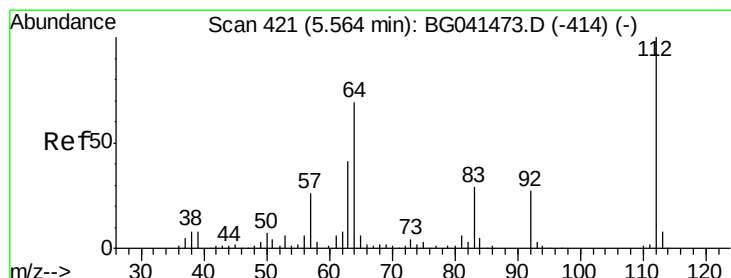
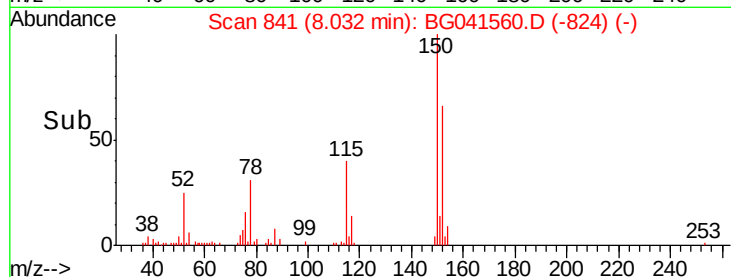
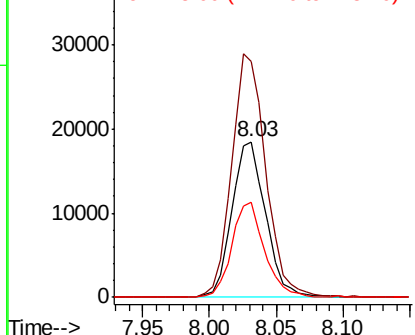
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG041560.D
Acq: 1 Jul 2019 15:47

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-009

Tot Ion:152 Resp: 32310
Ion Ratio Lower Upper
152 100
150 151.5 112.4 168.6
115 61.0 44.6 66.8



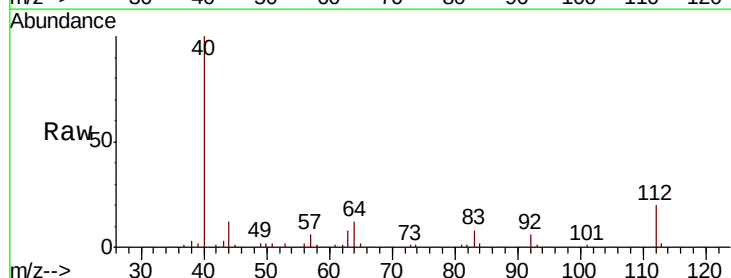
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



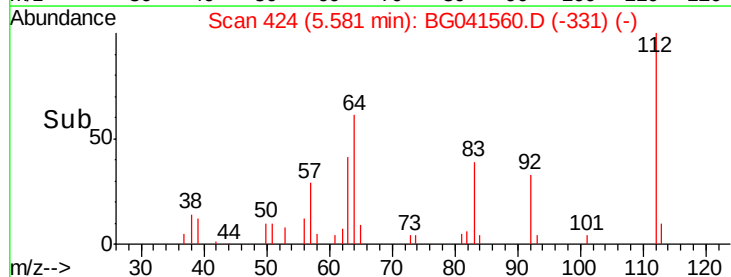
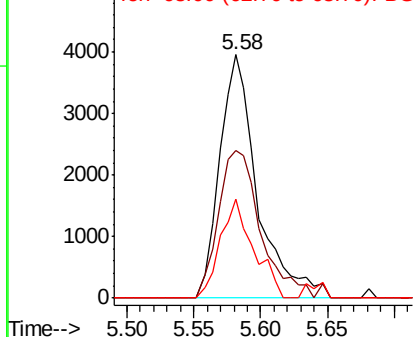
#5

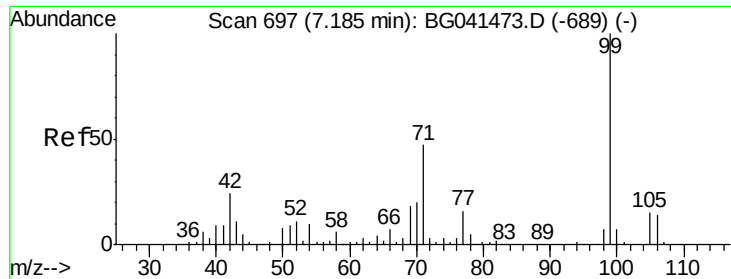
2-Fluorophenol
Concen: 4.305 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.02 min
Lab File: BG041560.D
Acq: 1 Jul 2019 15:47

Tgt Ion:112 Resp: 7802
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 40.6 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: 22.509 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG041560.D

Acq: 1 Jul 2019 15:47

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-009

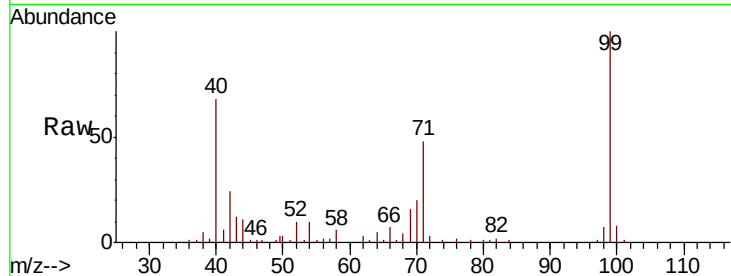
Tot Ion: 99 Resp: 57426

Ion Ratio Lower Upper

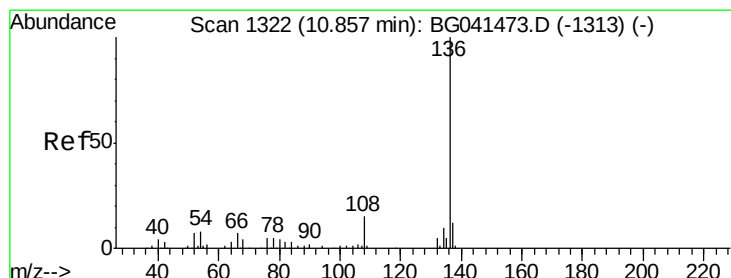
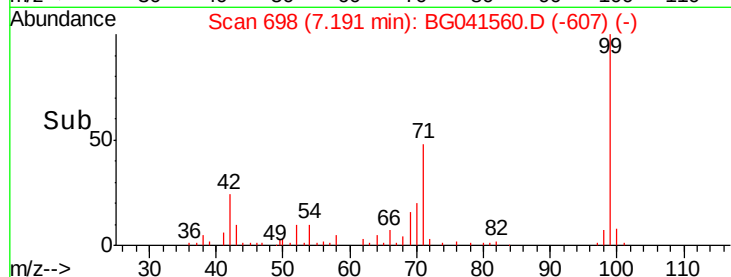
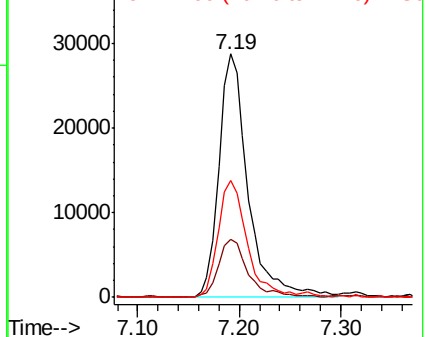
99 100

42 23.9 19.0 28.6

71 48.0 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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041560.D

Acq: 1 Jul 2019 15:47

Tgt Ion: 136 Resp: 114224

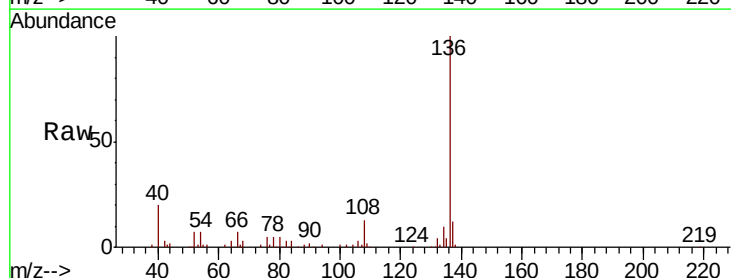
Ion Ratio Lower Upper

136 100

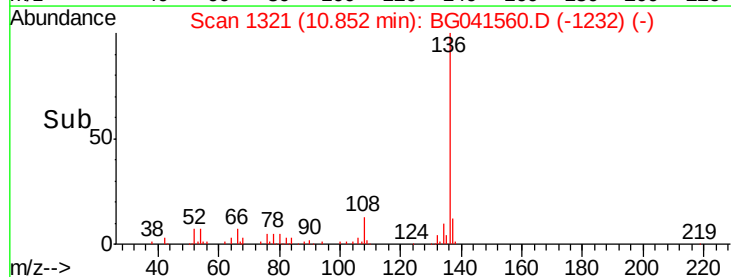
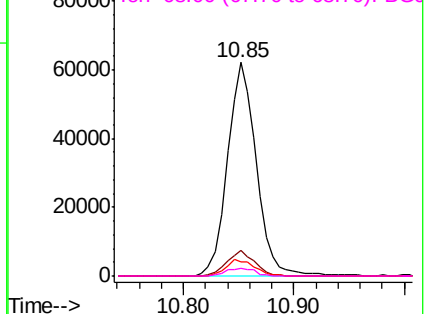
137 11.9 9.3 13.9

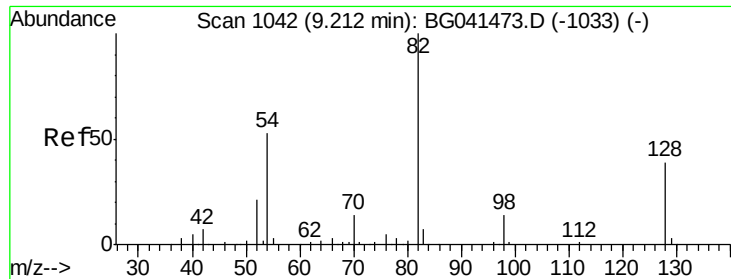
54 6.8 7.1 10.7#

68 3.4 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

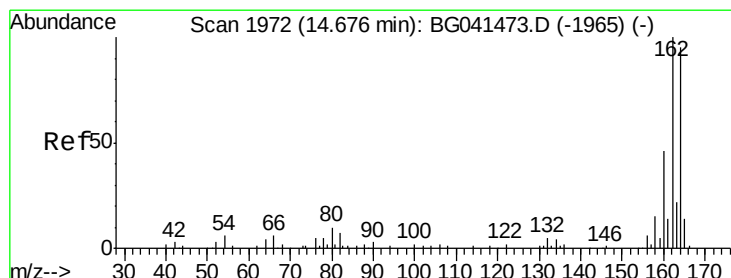
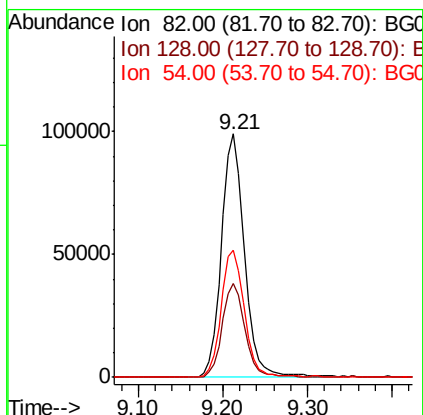
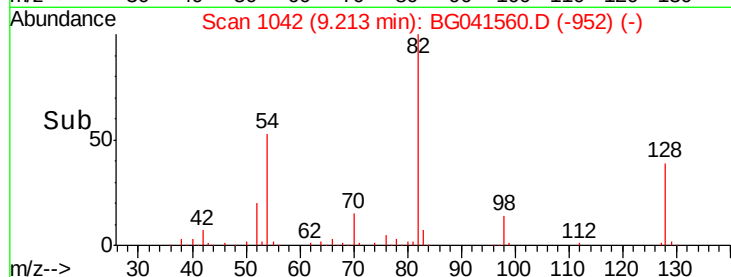
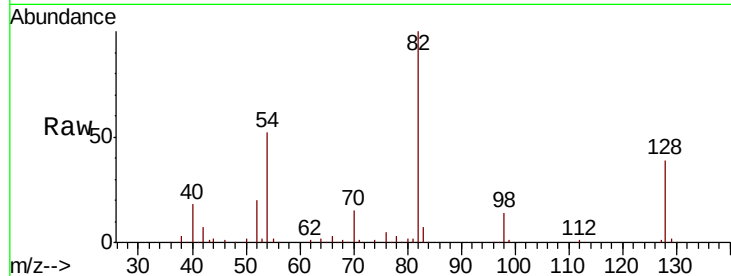




#23
 Nitrobenzene-d5
 Concen: 68.437 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041560.D
 Acq: 1 Jul 2019 15:47

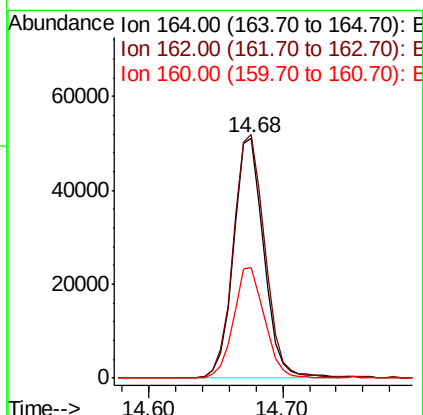
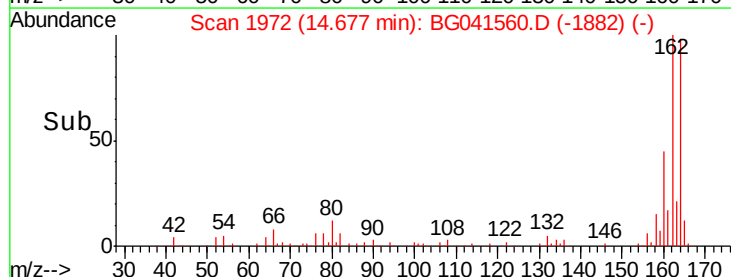
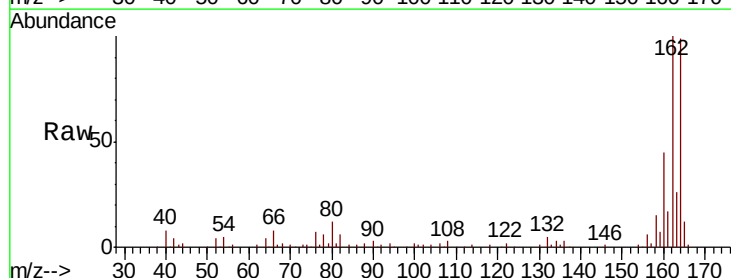
Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-009

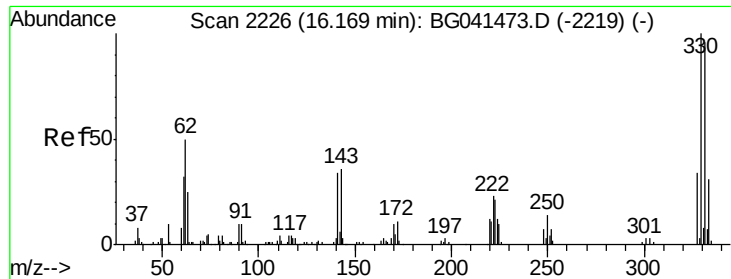
Tot Ion: 82 Resp: 187431
 Ion Ratio Lower Upper
 82 100
 128 38.7 30.9 46.3
 54 52.5 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG041560.D
 Acq: 1 Jul 2019 15:47

Tgt Ion: 164 Resp: 80660
 Ion Ratio Lower Upper
 164 100
 162 101.4 84.4 126.6
 160 45.9 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 0.603 ng

RT: 16.19 min Scan# 2229

Delta R.T. 0.02 min

Lab File: BG041560.D

Acq: 1 Jul 2019 15:47

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-009

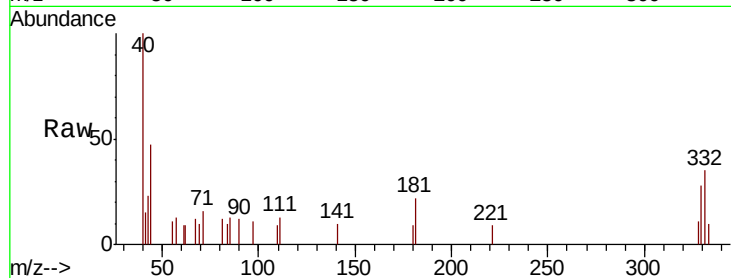
Tot Ion:330 Resp: 831

Ion Ratio Lower Upper

330 100

332 81.7 75.5 113.3

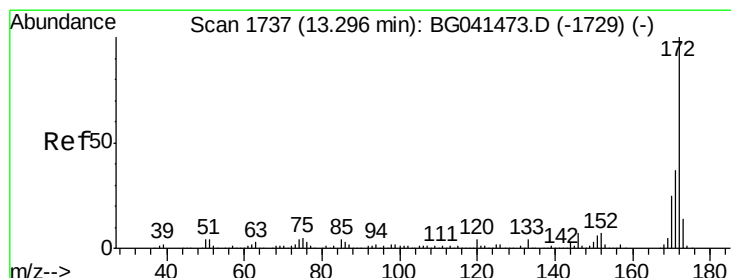
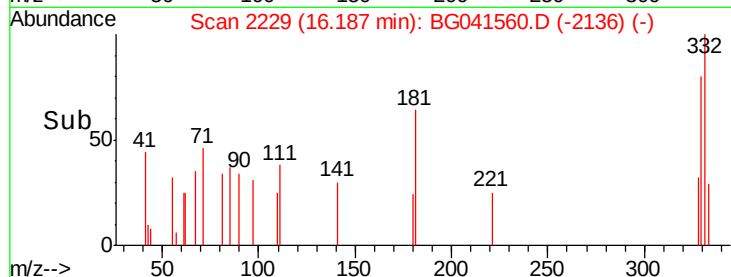
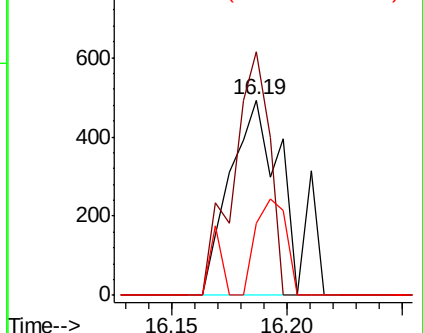
141 27.3 27.8 41.6#



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: 73.219 ng

RT: 13.30 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BG041560.D

Acq: 1 Jul 2019 15:47

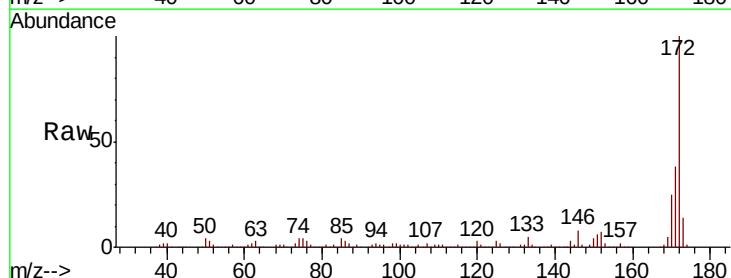
Tgt Ion:172 Resp: 460223

Ion Ratio Lower Upper

172 100

171 37.7 29.6 44.4

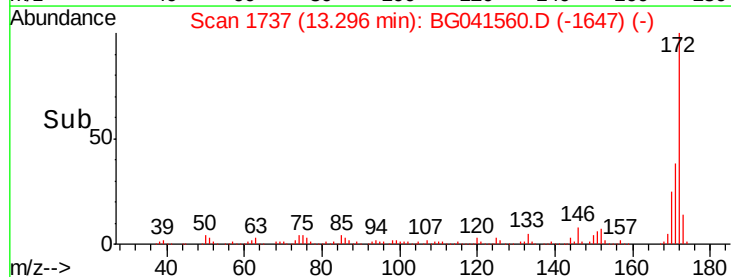
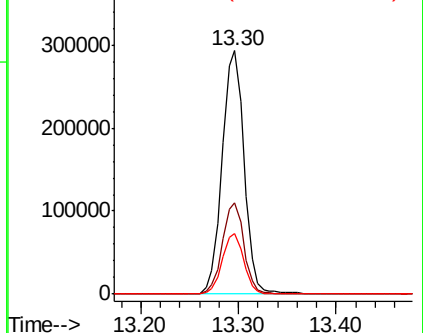
170 24.9 20.0 30.0

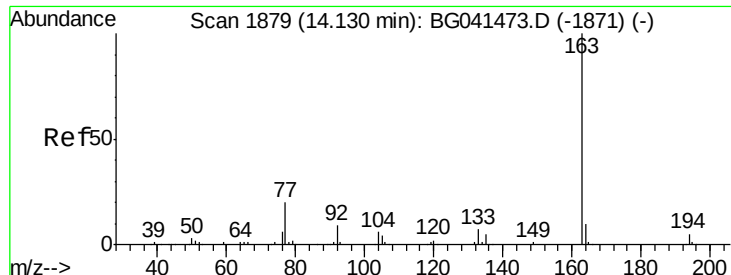


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.597 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041560.D

Acq: 1 Jul 2019 15:47

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-009

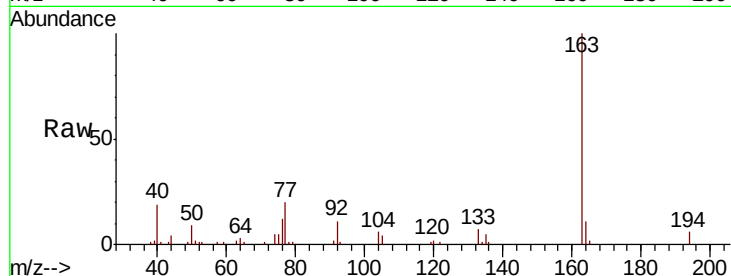
Tot Ion:163 Resp: 41080

Ion Ratio Lower Upper

163 100

194 6.2 3.7 5.5#

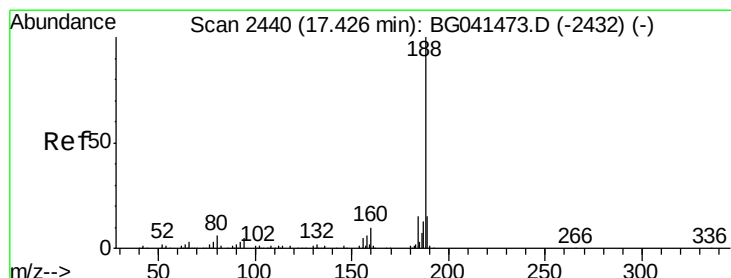
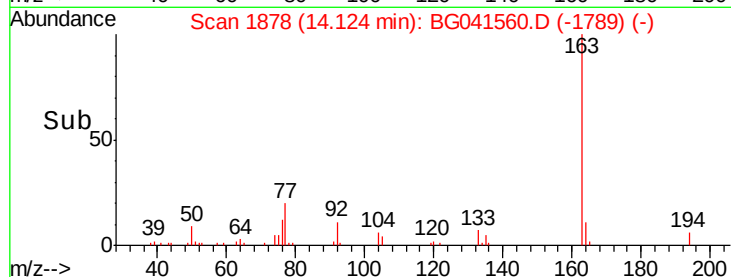
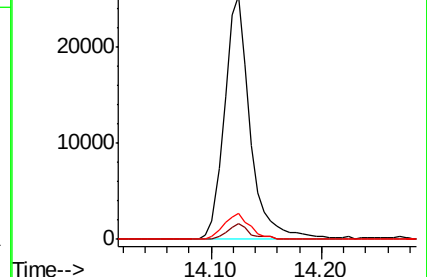
164 10.6 7.8 11.6



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: 17.43 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG041560.D

Acq: 1 Jul 2019 15:47

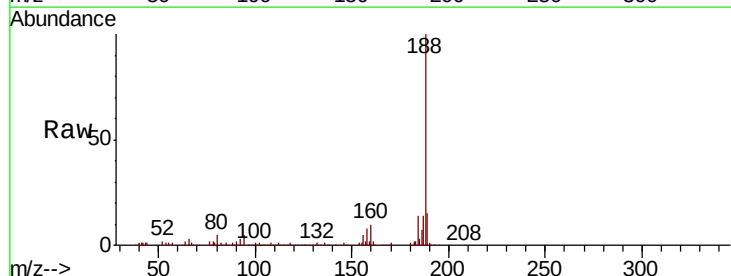
Tgt Ion:188 Resp: 215015

Ion Ratio Lower Upper

188 100

94 4.7 3.8 5.8

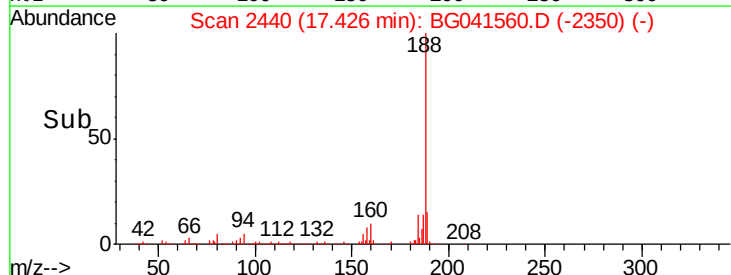
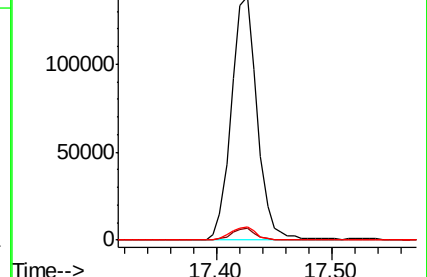
80 5.4 4.8 7.2

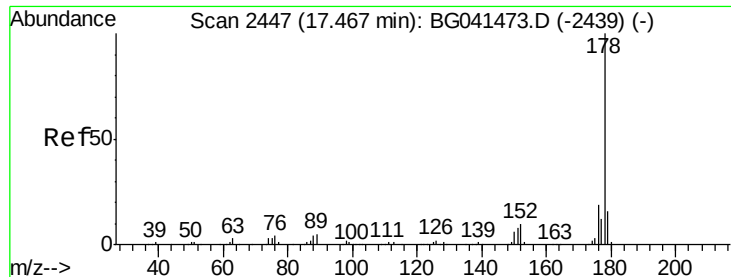


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#71

Phenanthrene

Concen: 5.065 ng

RT: 17.47 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG041560.D

Acq: 1 Jul 2019 15:47

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-009

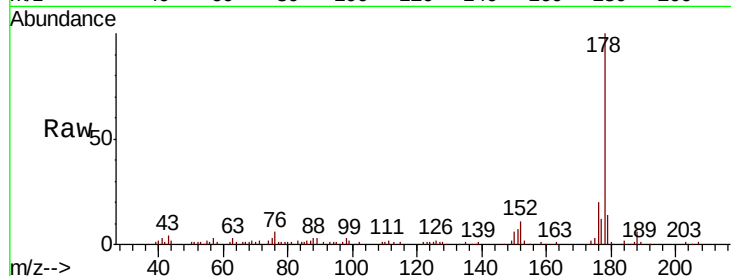
Tot Ion:178 Resp: 60005

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

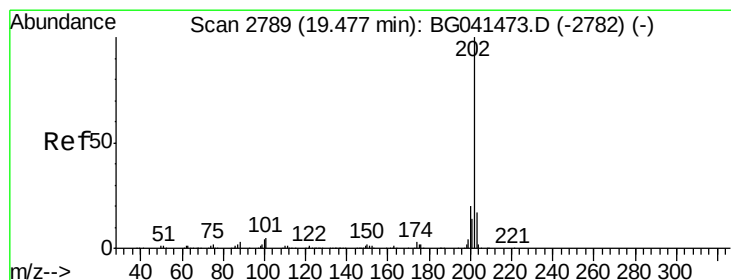
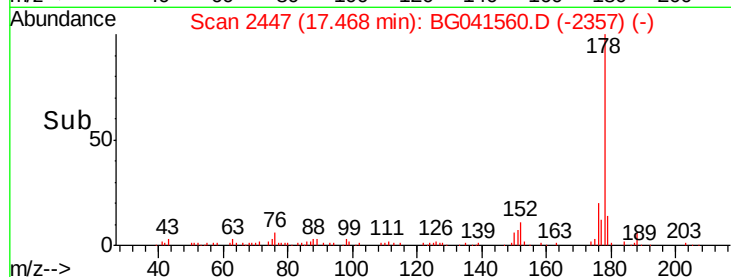
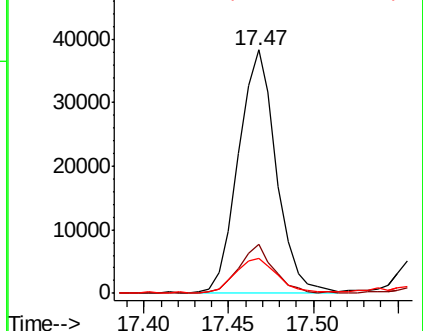
179 14.2 13.0 19.4



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: 3.855 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG041560.D

Acq: 1 Jul 2019 15:47

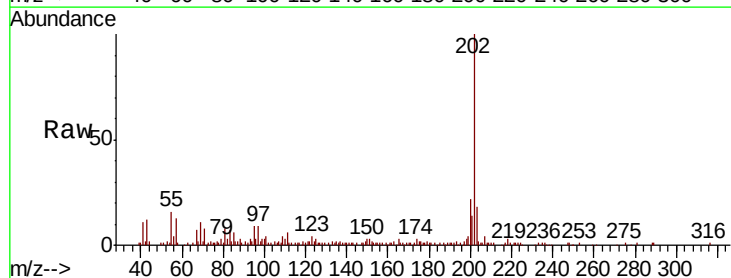
Tgt Ion:202 Resp: 60882

Ion Ratio Lower Upper

202 100

101 4.5 0.0 24.9

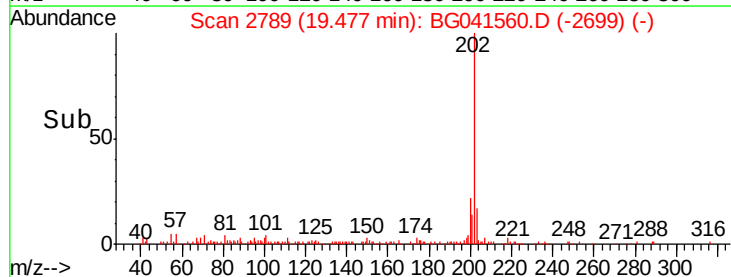
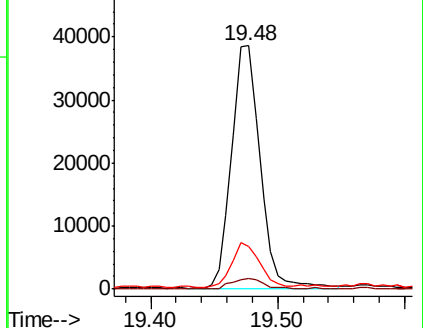
203 17.5 0.0 37.5

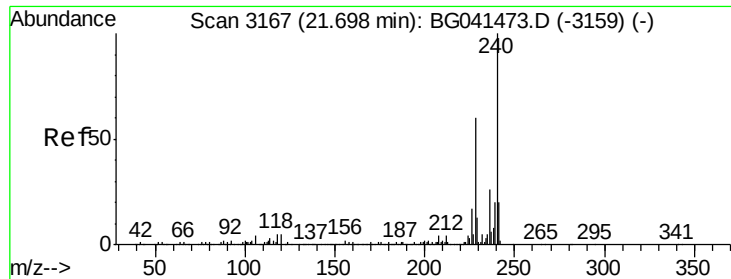


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG041560.D

Acq: 1 Jul 2019 15:47

Instrument :

BNA_G

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FK-0D015-03-009

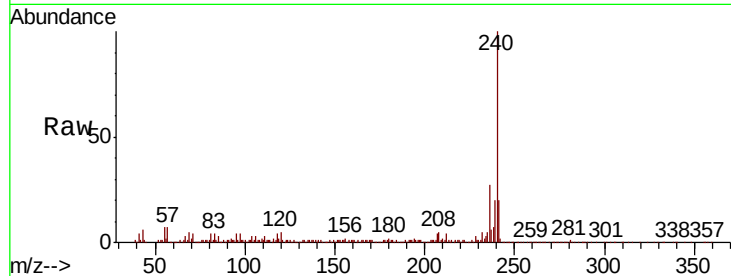
Tot Ion:240 Resp: 250590

Ion Ratio Lower Upper

240 100

120 4.9 3.7 5.5

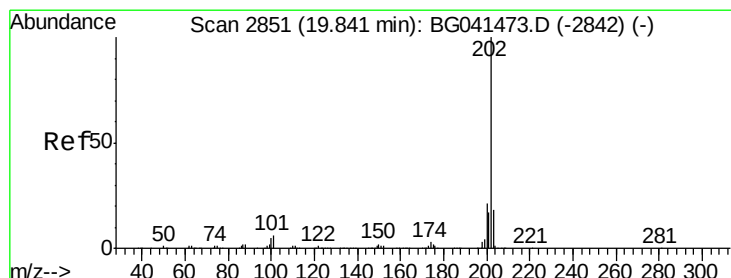
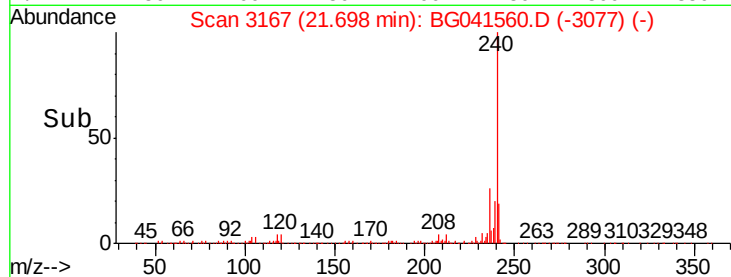
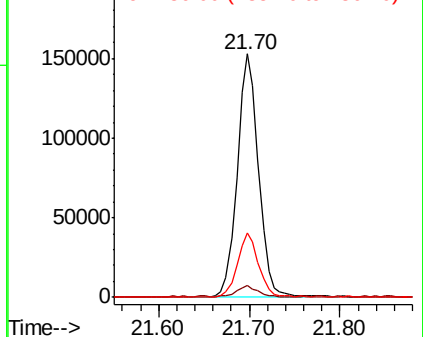
236 26.5 20.8 31.2



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



#78

Pyrene

Concen: 3.210 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG041560.D

Acq: 1 Jul 2019 15:47

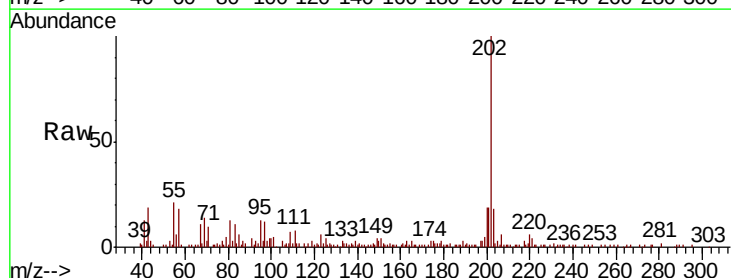
Tgt Ion:202 Resp: 54921

Ion Ratio Lower Upper

202 100

200 18.8 16.8 25.2

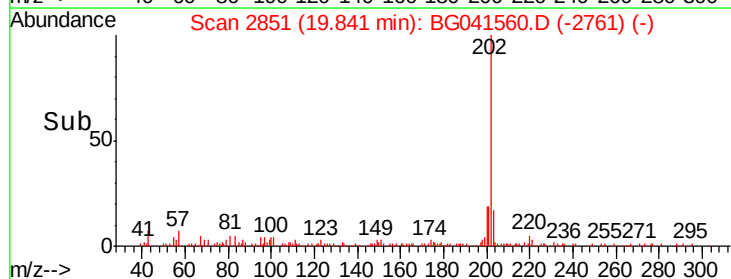
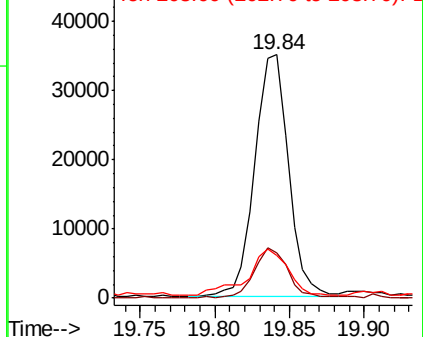
203 17.7 14.2 21.4

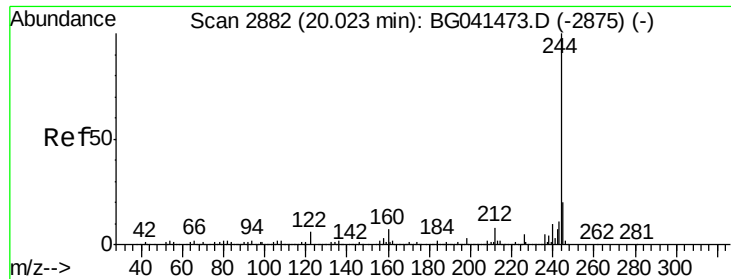


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.937 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.01 min

Lab File: BG041560.D

Acq: 1 Jul 2019 15:47

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-009

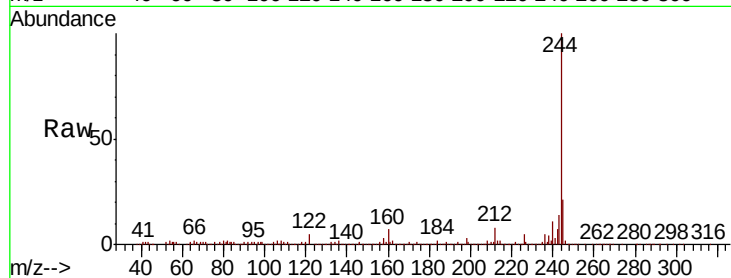
Tot Ion:244 Resp: 907244

Ion Ratio Lower Upper

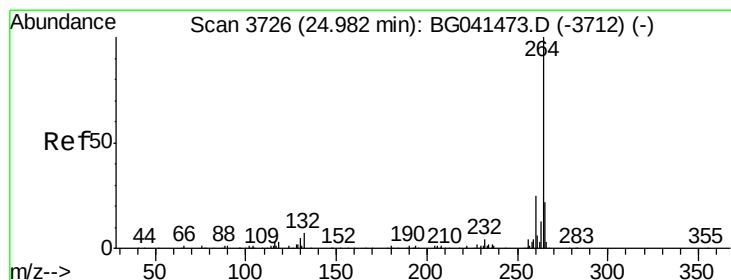
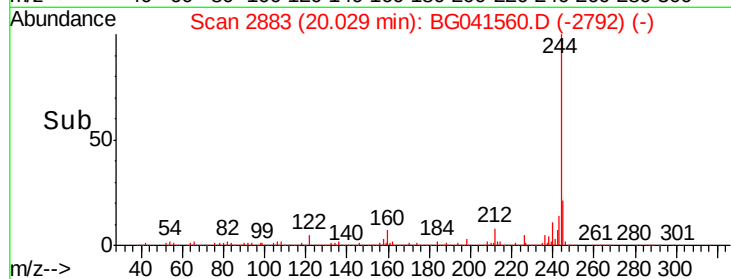
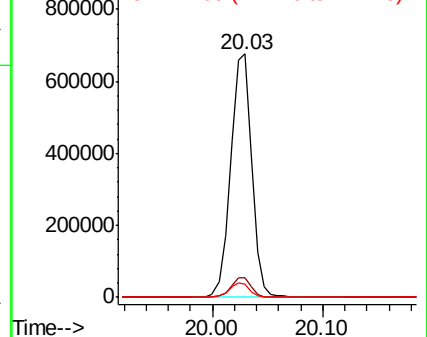
244 100

212 8.2 6.2 9.4

122 5.4 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: 24.99 min Scan# 3727

Delta R.T. 0.01 min

Lab File: BG041560.D

Acq: 1 Jul 2019 15:47

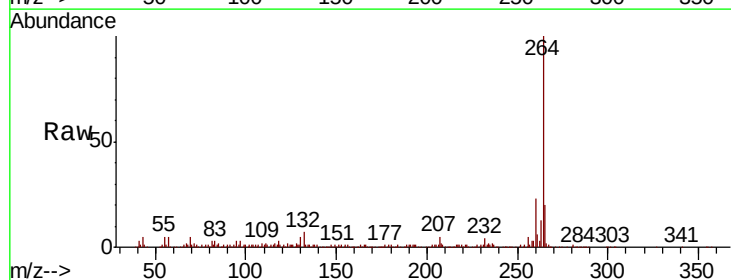
Tgt Ion:264 Resp: 277969

Ion Ratio Lower Upper

264 100

260 22.9 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

