

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041615.D
 Acq On : 5 Jul 2019 17:18
 Operator : HP/JU
 Sample : K3668-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHORT-WALL-AREA

Quant Time: Jul 05 18:29:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 17:58:09 2019
 Response via : Initial Calibration

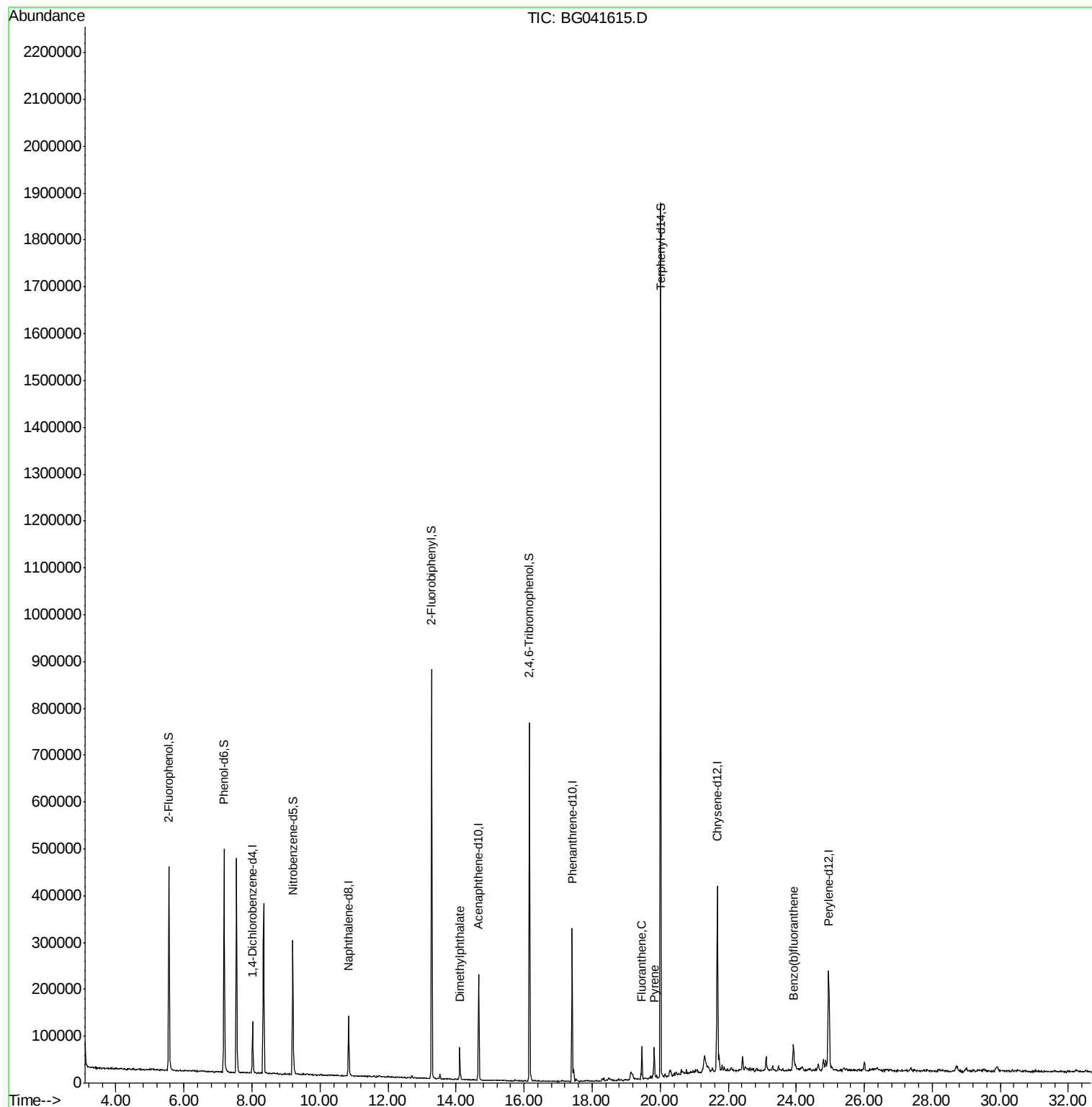
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30972	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	106738	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	77181	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	203269	20.00	ng	0.00
76) Chrysene-d12	21.68	240	231584	20.00	ng	0.00
87) Perylene-d12	24.96	264	254602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	179182	103.14	ng	0.00
7) Phenol-d6	7.18	99	255987	104.67	ng	0.00
23) Nitrobenzene-d5	9.20	82	179621	70.19	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	154131	116.96	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	442330	73.54	ng	0.00
79) Terphenyl-d14	20.01	244	877864	80.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	47168	6.716	ng	98
75) Fluoranthene	19.46	202	46655	3.125	ng	99
78) Pyrene	19.83	202	44591	2.821	ng	100
88) Benzo(b)fluoranthene	23.91	252	34241	2.109	ng #	98

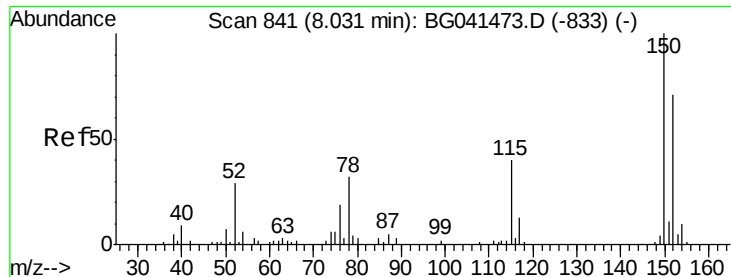
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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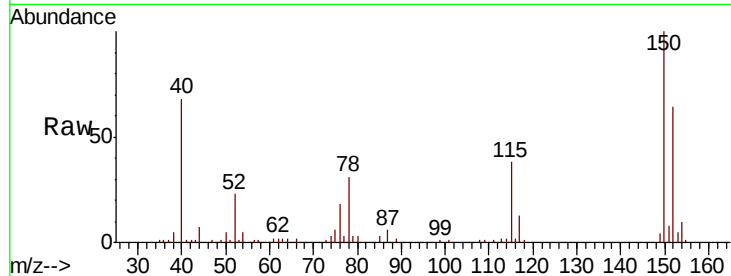


#1

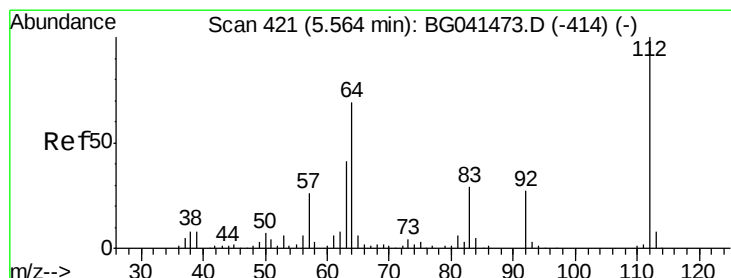
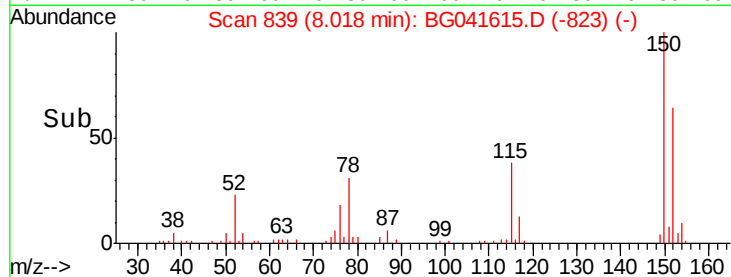
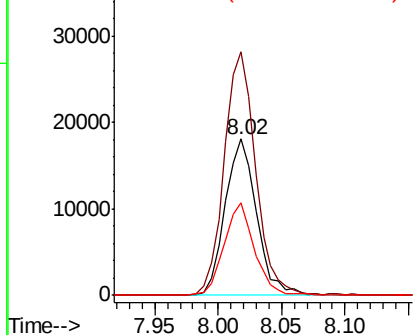
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :
SHORT-WALL-AREA

Tot Ion:152 Resp: 30972
Ion Ratio Lower Upper
152 100
150 155.7 118.3 177.5
115 58.8 44.0 66.0



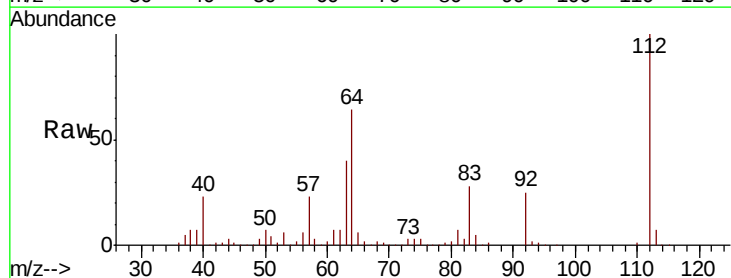
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



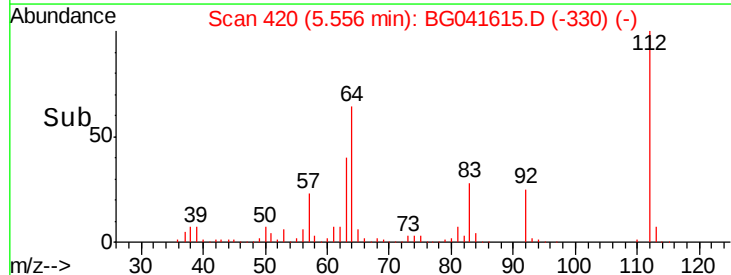
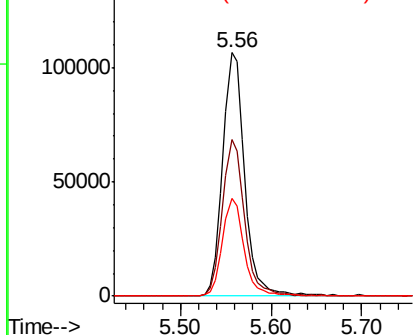
#5

2-Fluorophenol
Concen: 103.143 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:112 Resp: 179182
Ion Ratio Lower Upper
112 100
64 64.3 52.4 78.6
63 40.0 32.2 48.2



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: 104.675 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG041615.D

Acq: 5 Jul 2019 17:18

Instrument :

BNA_G

ClientSampleId :

SHORT-WALL-AREA

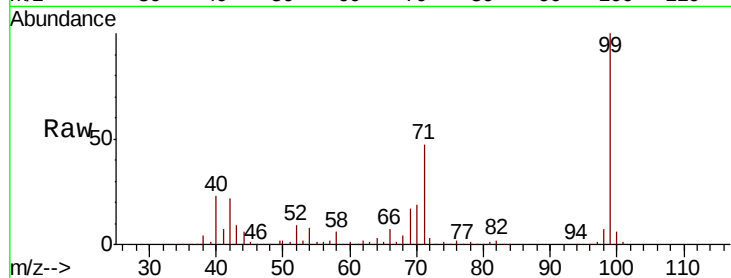
Tot Ion: 99 Resp: 255987

Ion Ratio Lower Upper

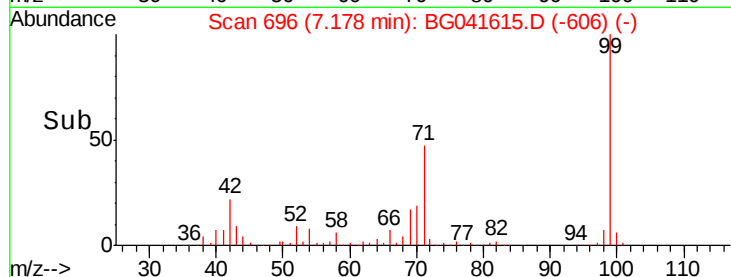
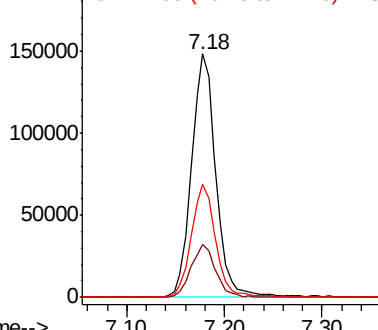
99 100

42 21.6 18.2 27.4

71 46.6 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. -0.00 min

Lab File: BG041615.D

Acq: 5 Jul 2019 17:18

Tgt Ion: 136 Resp: 106738

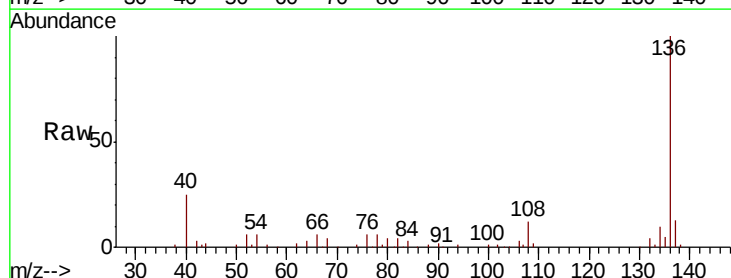
Ion Ratio Lower Upper

136 100

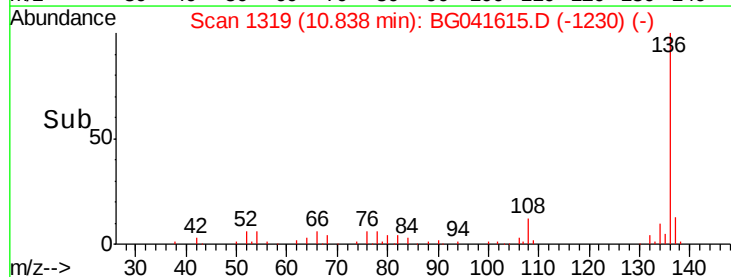
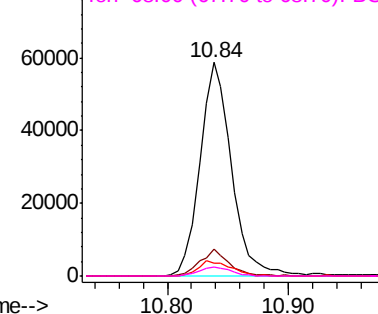
137 12.8 9.4 14.2

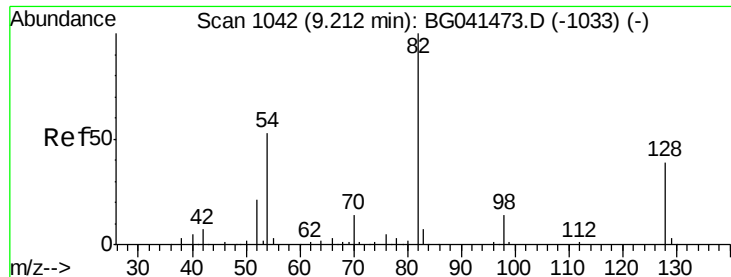
54 6.3 6.0 9.0

68 4.2 2.9 4.3



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

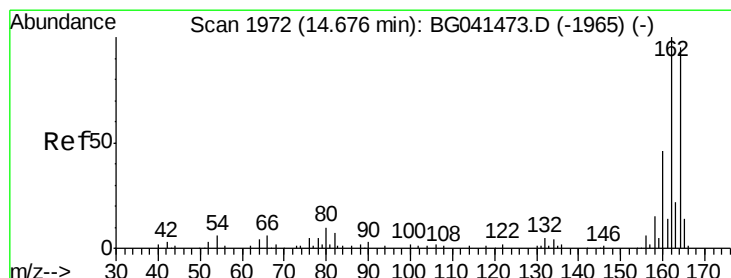
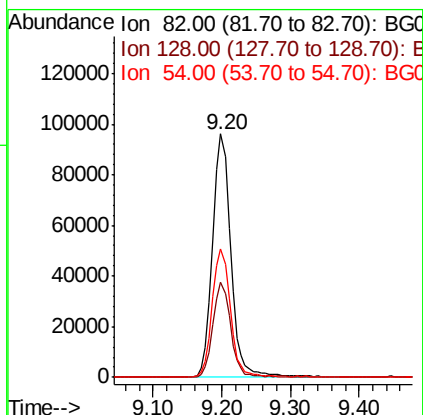
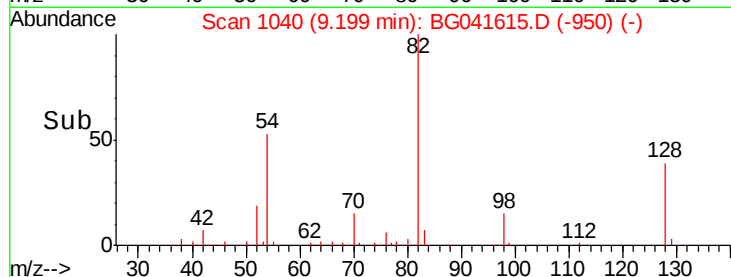
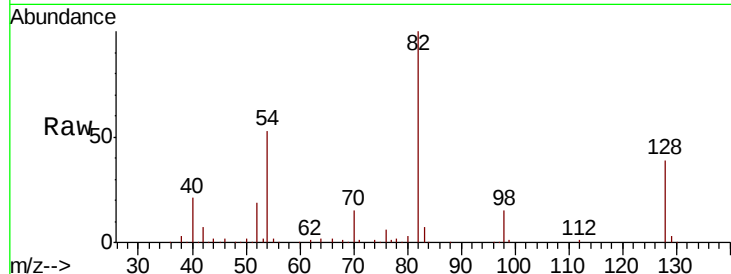




#23
Nitrobenzene-d5
Concen: 70.185 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

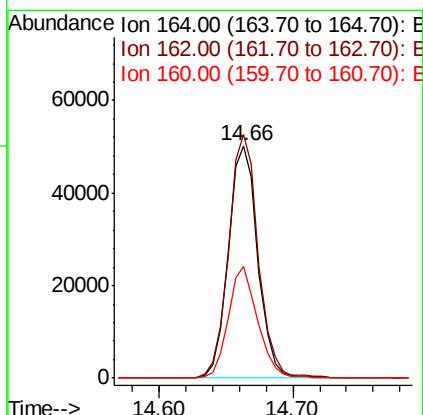
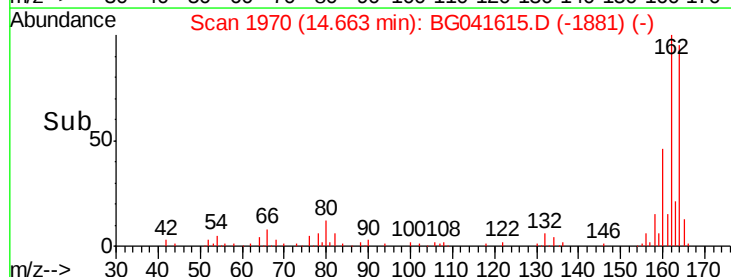
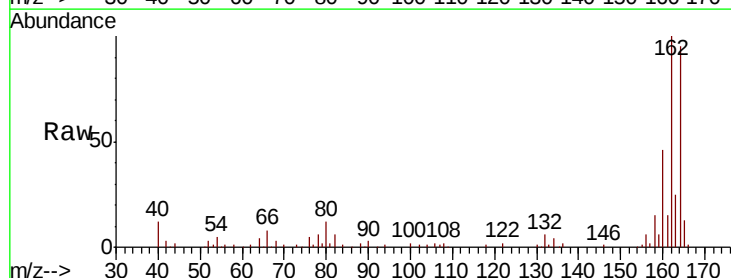
Instrument :
BNA_G
ClientSampleId :
SHORT-WALL-AREA

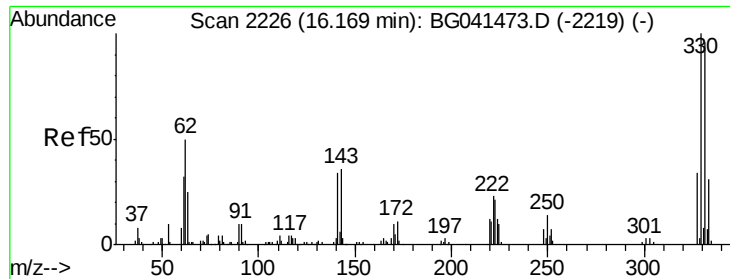
Tot Ion: 82 Resp: 179621
Ion Ratio Lower Upper
82 100
128 38.9 29.5 44.3
54 52.8 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:164 Resp: 77181
Ion Ratio Lower Upper
164 100
162 104.8 83.0 124.4
160 48.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 116.959 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG041615.D

Acq: 5 Jul 2019 17:18

Instrument :

BNA_G

ClientSampleId :

SHORT-WALL-AREA

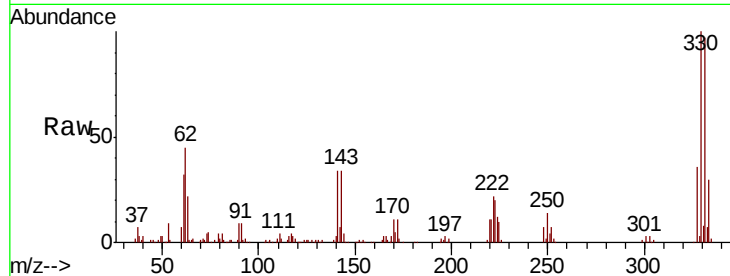
Tot Ion:330 Resp: 154131

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

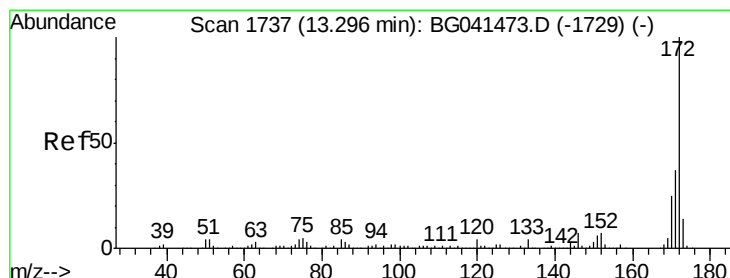
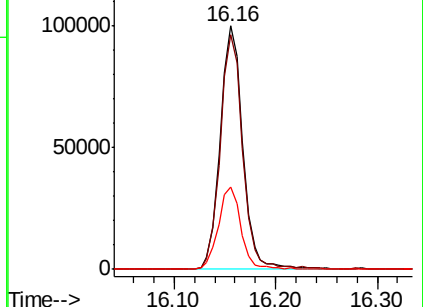
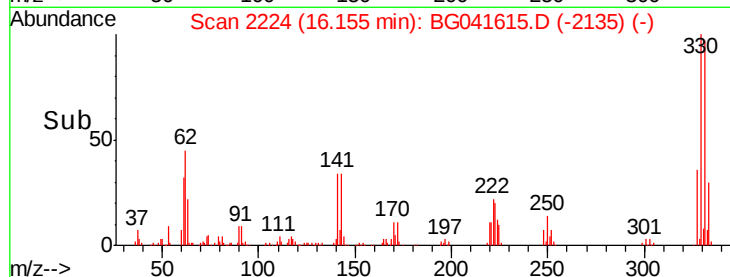
141 34.1 28.4 42.6



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: 73.545 ng

RT: 13.28 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BG041615.D

Acq: 5 Jul 2019 17:18

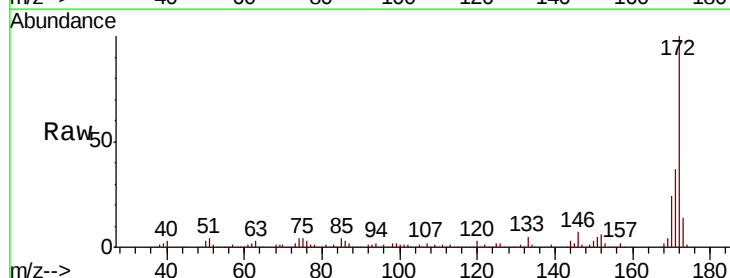
Tgt Ion:172 Resp: 442330

Ion Ratio Lower Upper

172 100

171 36.9 30.9 46.3

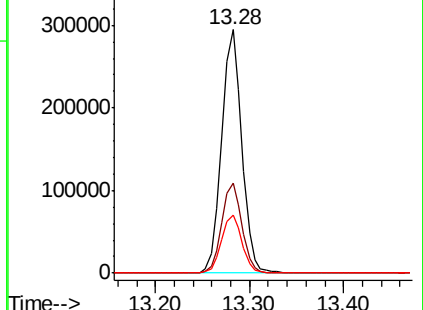
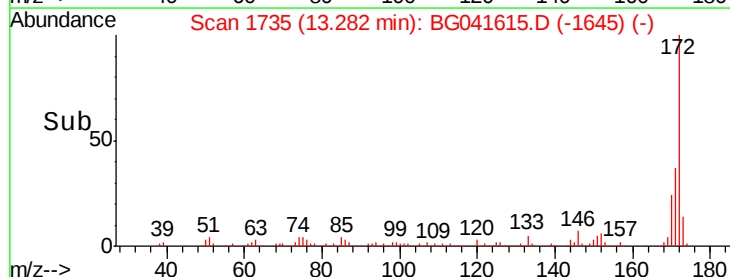
170 24.1 20.0 30.0

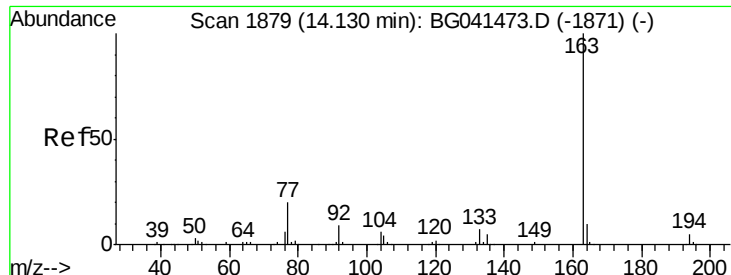


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

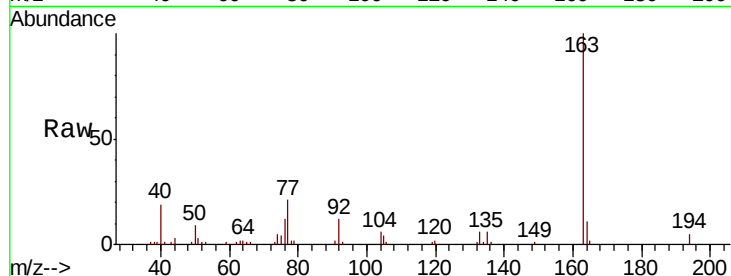




#50
Dimethylphthalate
Concen: 6.716 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :
SHORT-WALL-AREA

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.9	5.9
164	10.8	8.0	12.0

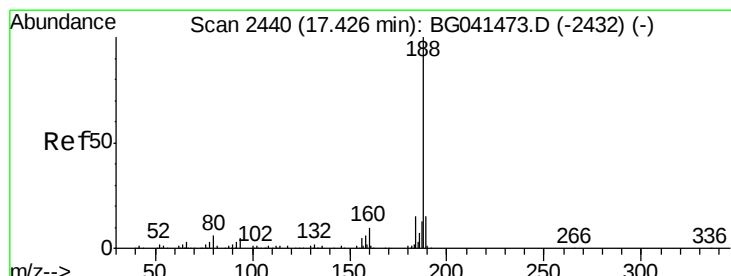
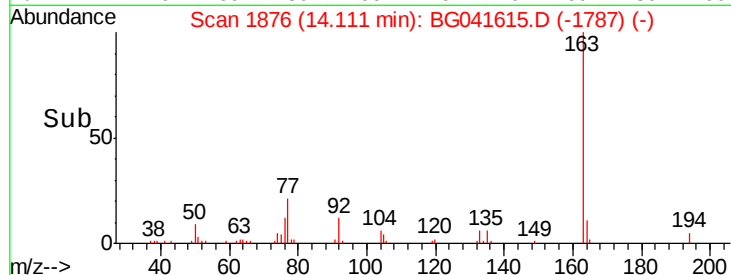
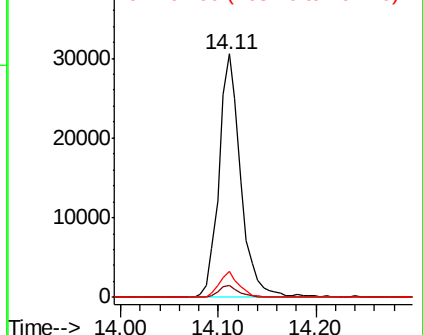


Abundance

Ion 163.00 (162.70 to 163.70): E

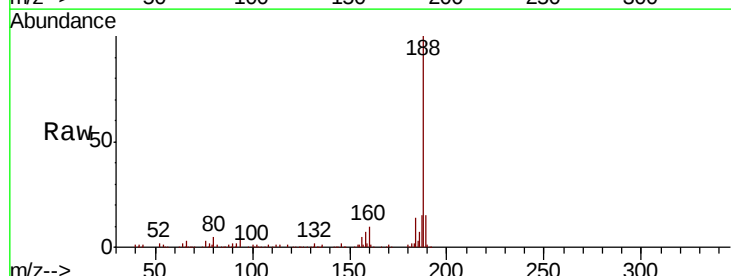
Ion 194.00 (193.70 to 194.70): E

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. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.3	4.9#
80	5.3	5.0	7.4

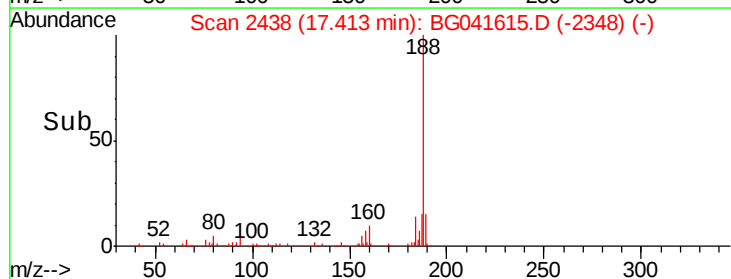
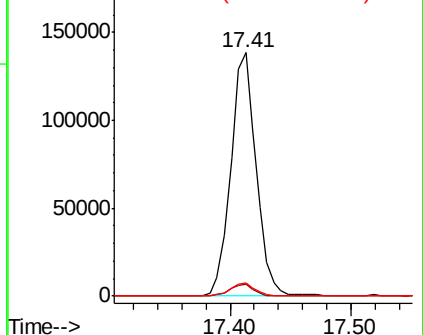


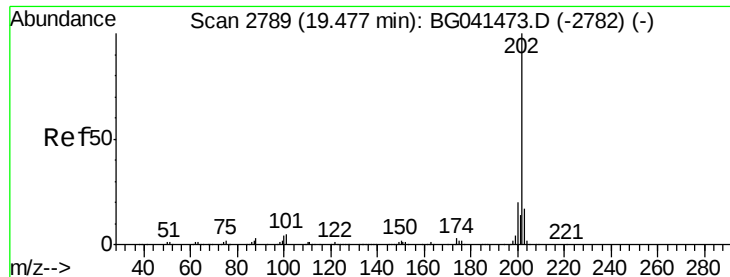
Abundance

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





#75

Fluoranthene

Concen: 3.125 ng

RT: 19.46 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG041615.D

Acq: 5 Jul 2019 17:18

Instrument :

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SHORT-WALL-AREA

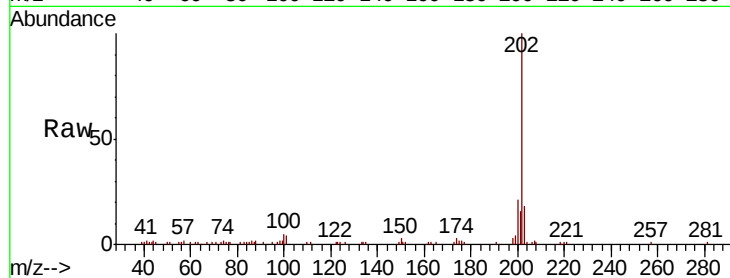
Tot Ion:202 Resp: 46655

Ion Ratio Lower Upper

202 100

101 4.3 0.0 24.6

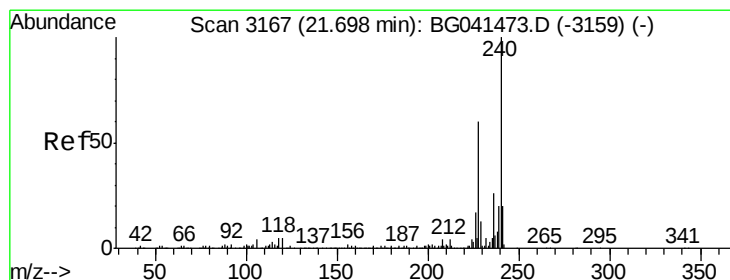
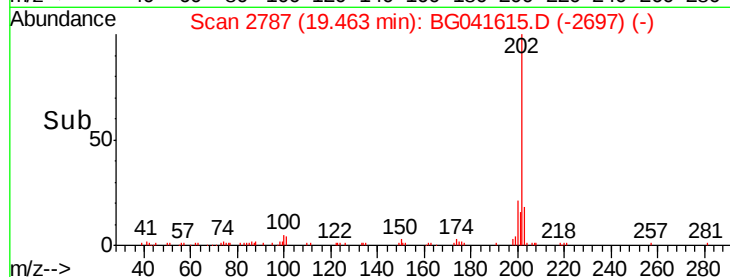
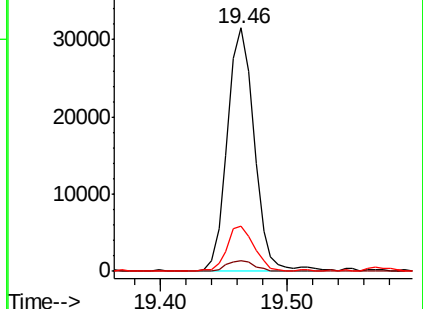
203 18.5 0.0 39.2



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# 3164

Delta R.T. -0.00 min

Lab File: BG041615.D

Acq: 5 Jul 2019 17:18

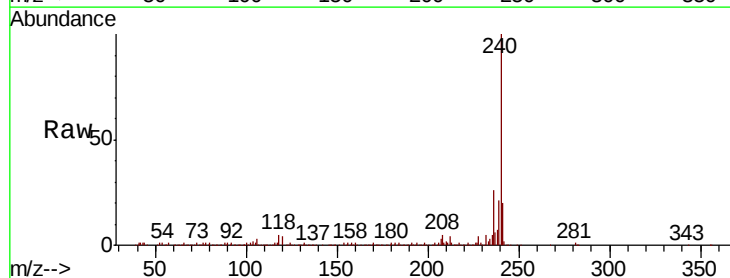
Tgt Ion:240 Resp: 231584

Ion Ratio Lower Upper

240 100

120 3.7 3.9 5.9#

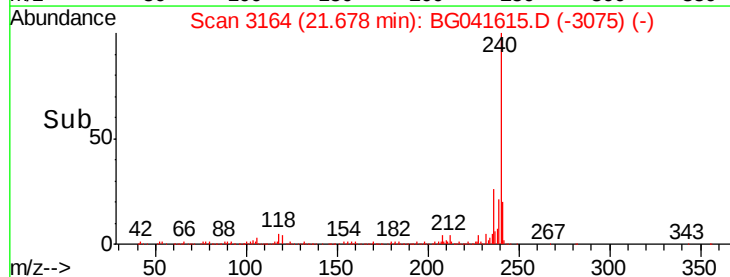
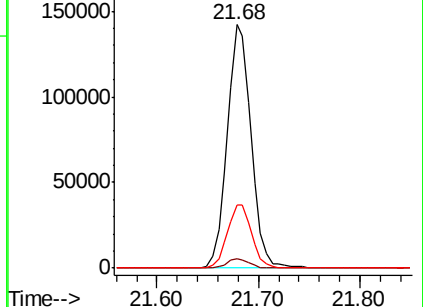
236 25.7 20.6 30.8

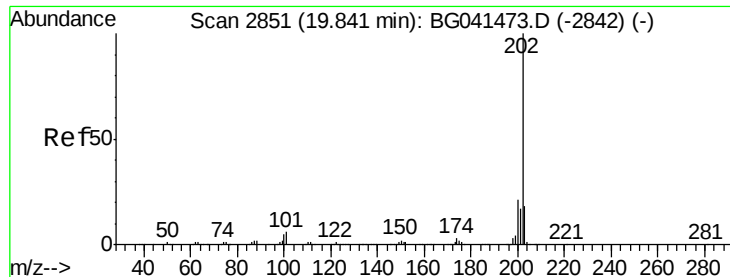


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

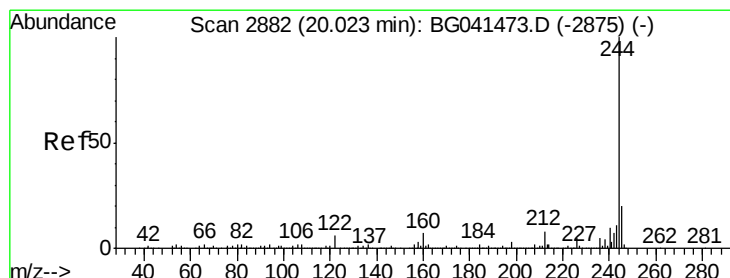
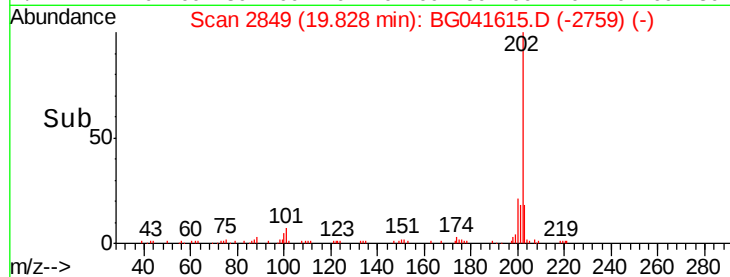
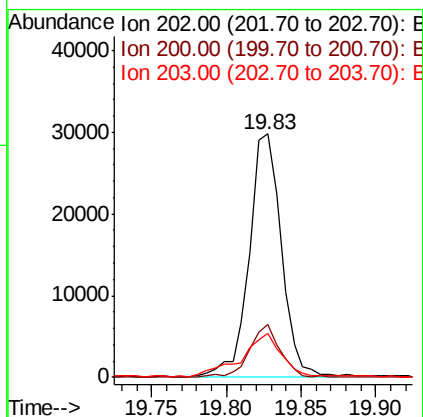
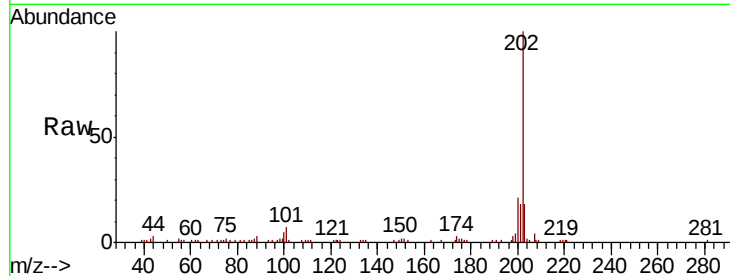




#78
Pvrene
Concen: 2.821 ng
RT: 19.83 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

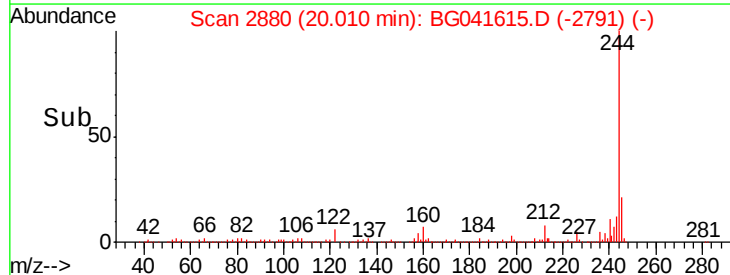
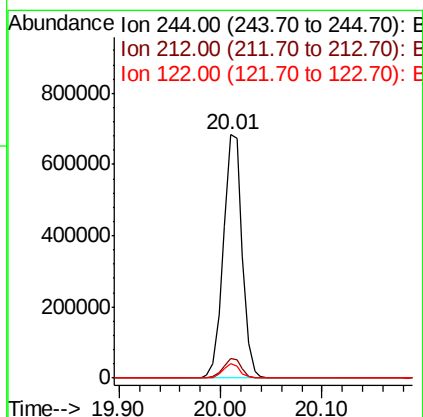
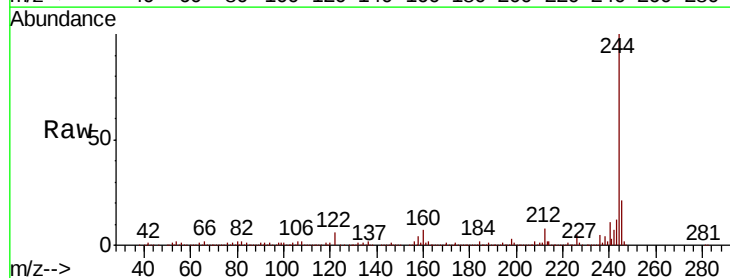
Instrument :
BNA_G
ClientSampleId :
SHORT-WALL-AREA

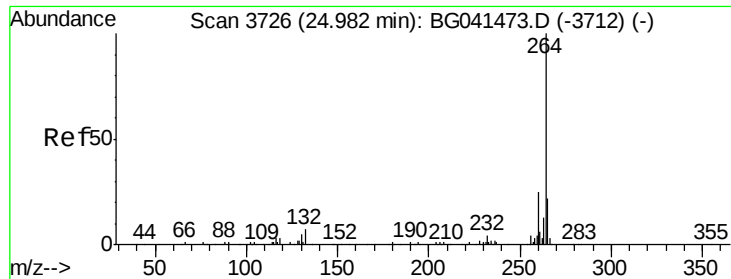
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	18.1	14.6	21.8



#79
Terphenyl-d14
Concen: 80.555 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	5.9	4.0	6.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.00 min

Lab File: BG041615.D

Acq: 5 Jul 2019 17:18

Instrument :

BNA_G

ClientSampleId :

SHORT-WALL-AREA

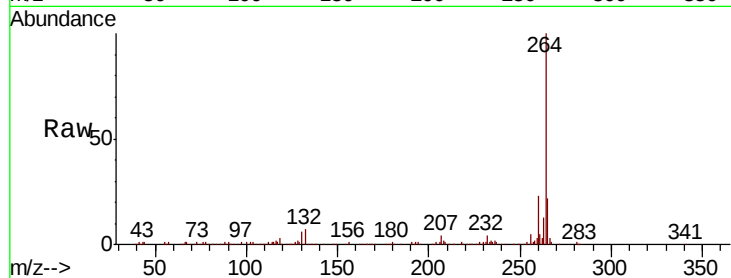
Tot Ion:264 Resp: 254602

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.0 16.7 25.1

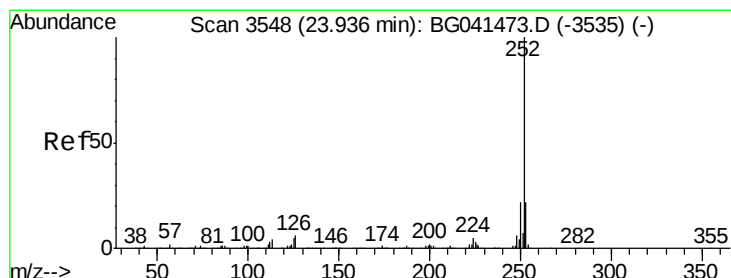
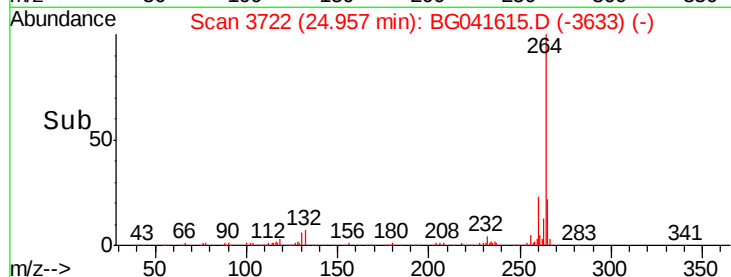
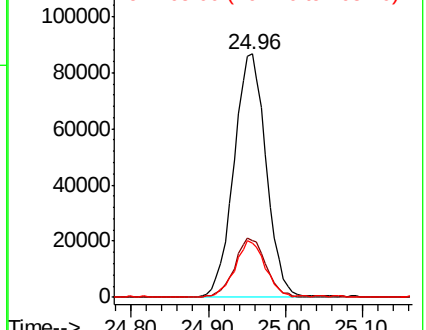


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 2.109 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG041615.D

Acq: 5 Jul 2019 17:18

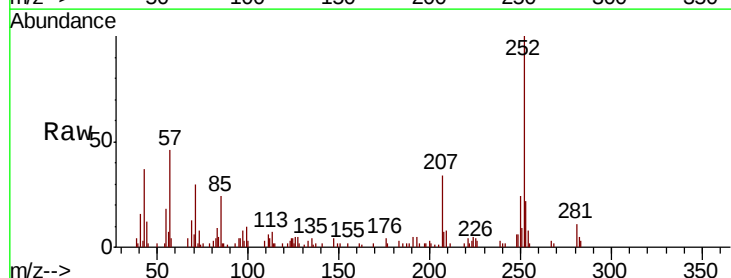
Tgt Ion:252 Resp: 34241

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 6.3 3.5 5.3#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

