

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041610.D
 Acq On : 5 Jul 2019 14:08
 Operator : HP/JU
 Sample : K3682-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 18:04:11 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

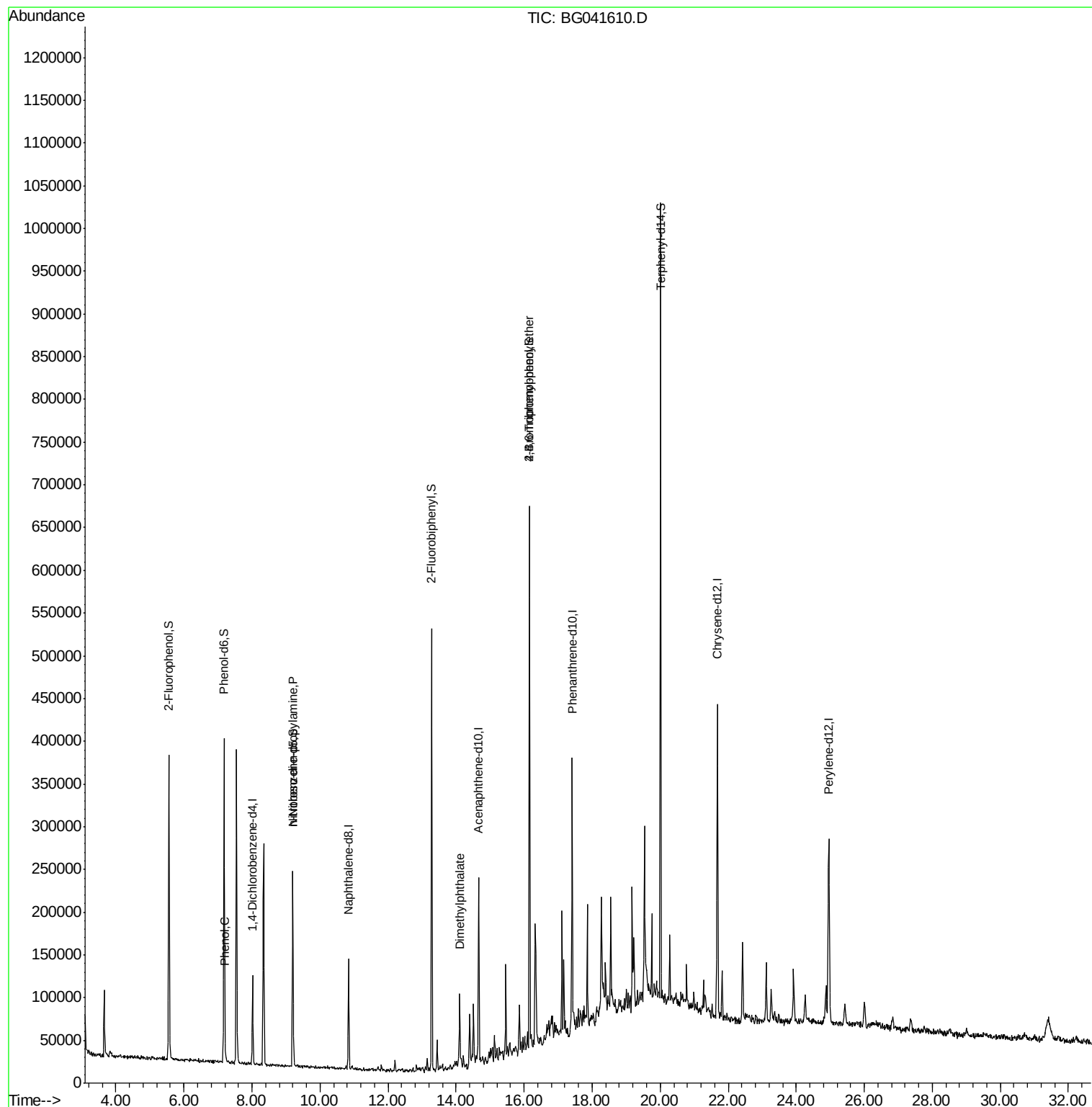
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27995	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	102778	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	70413	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	184681	20.00	ng	0.00
76) Chrysene-d12	21.68	240	217021	20.00	ng	0.00
87) Perylene-d12	24.96	264	239258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	143323	91.27	ng	0.00
7) Phenol-d6	7.18	99	200415	90.67	ng	0.00
23) Nitrobenzene-d5	9.20	82	138844	56.34	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	123191	102.47	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	261726	47.70	ng	0.00
79) Terphenyl-d14	20.01	244	466341	45.66	ng	0.00
Target Compounds						
10) Phenol	7.21	94	4589	2.060	ng	83
19) n-Nitroso-di-n-propylamine	9.20	70	19735	11.969	ng	# 71
50) Dimethylphthalate	14.11	163	44107	6.883	ng	# 94
67) 4-Bromophenyl-phenylether	16.16	248	8759	3.471	ng	# 1

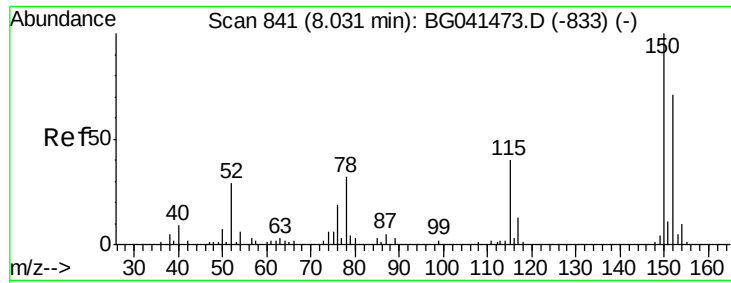
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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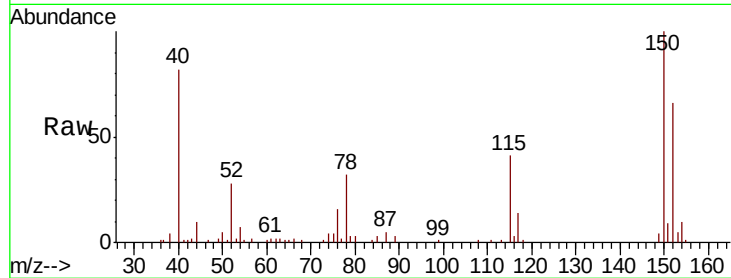


#1

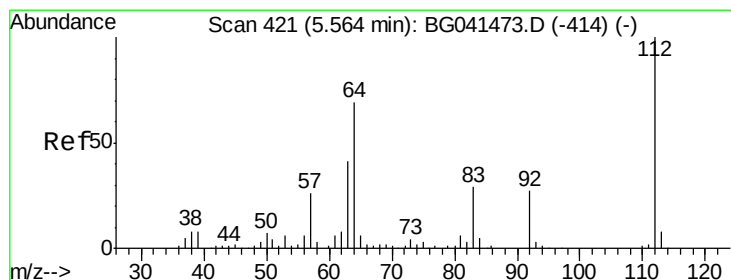
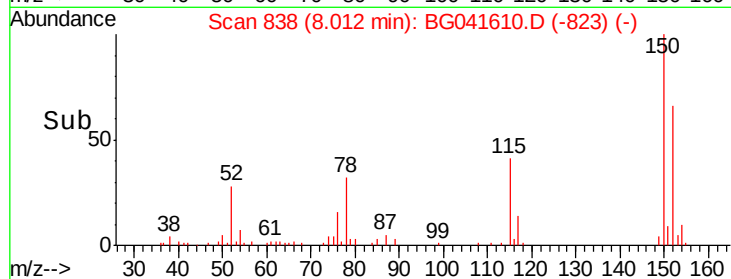
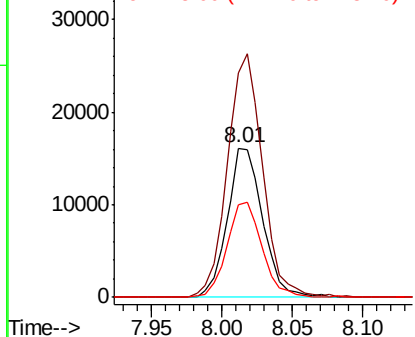
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG041610.D
Acq: 5 Jul 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27995
Ion Ratio Lower Upper
152 100
150 151.0 118.3 177.5
115 62.4 44.0 66.0



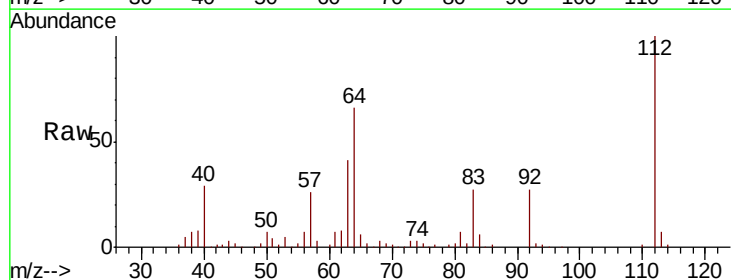
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



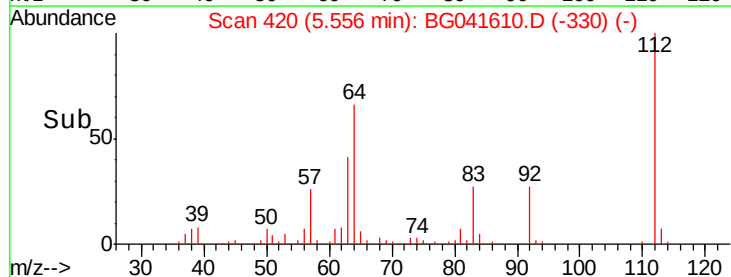
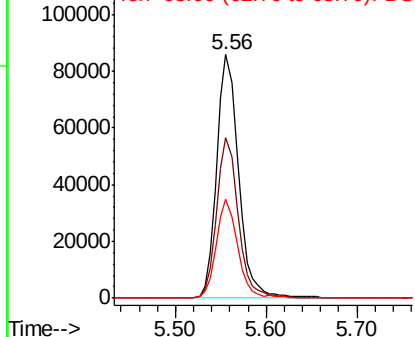
#5

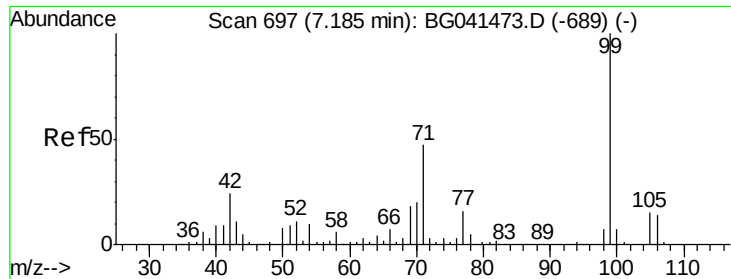
2-Fluorophenol
Concen: 91.275 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG041610.D
Acq: 5 Jul 2019 14:08

Tgt Ion:112 Resp: 143323
Ion Ratio Lower Upper
112 100
64 65.8 52.4 78.6
63 40.5 32.2 48.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 90.666 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG041610.D

Acq: 5 Jul 2019 14:08

Instrument :

BNA_G

ClientSampleId :

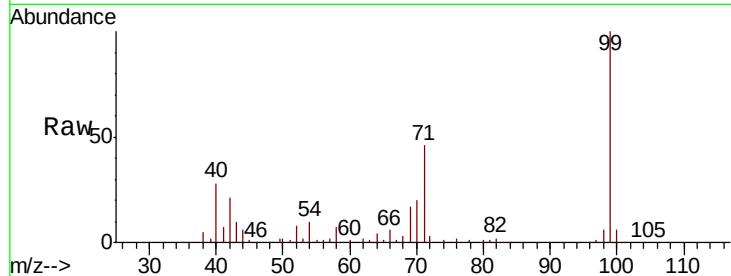
Tot Ion: 99 Resp: 200415

Ion Ratio Lower Upper

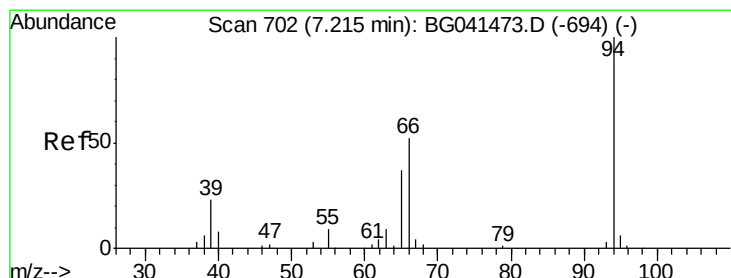
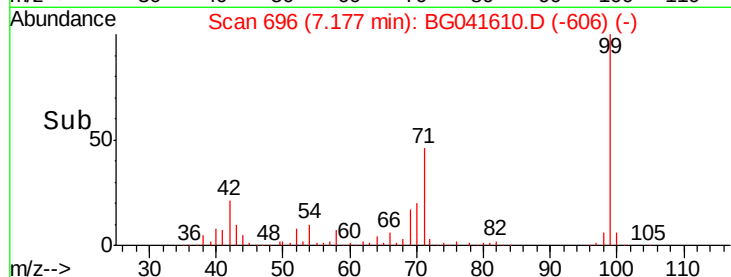
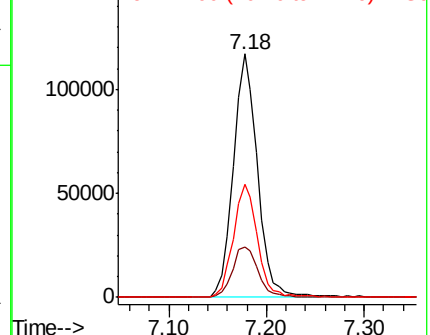
99 100

42 20.8 18.2 27.4

71 46.3 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



#10

Phenol

Concen: 2.060 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG041610.D

Acq: 5 Jul 2019 14:08

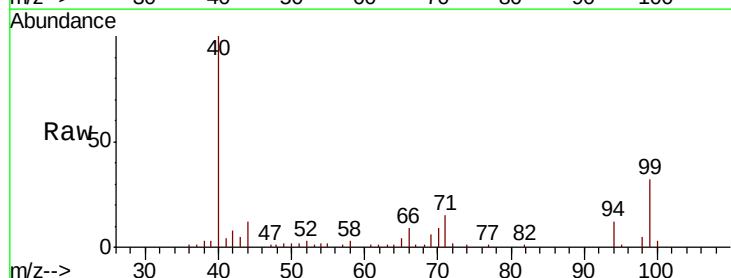
Tgt Ion: 94 Resp: 4589

Ion Ratio Lower Upper

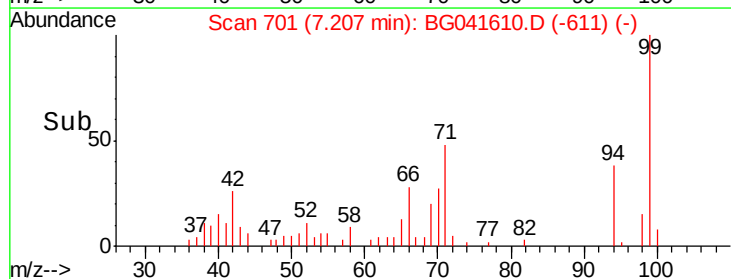
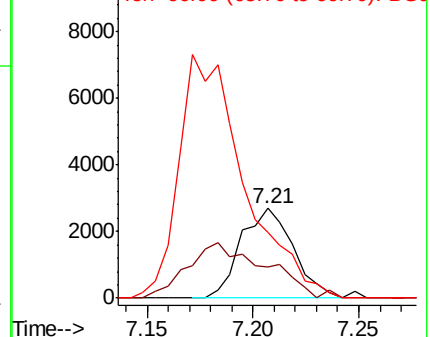
94 100

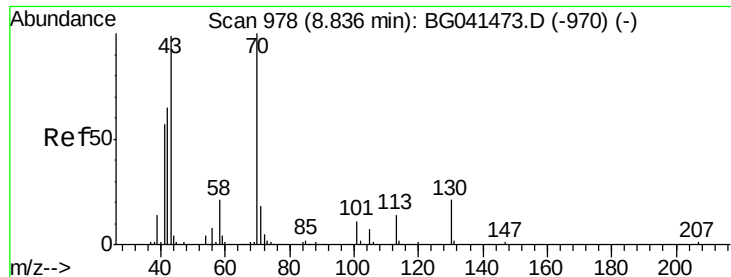
65 34.3 16.8 56.8

66 72.6 34.0 74.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

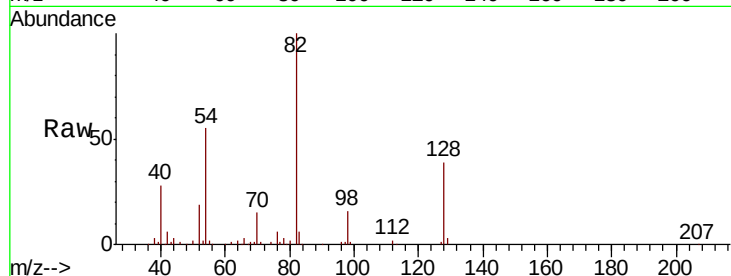




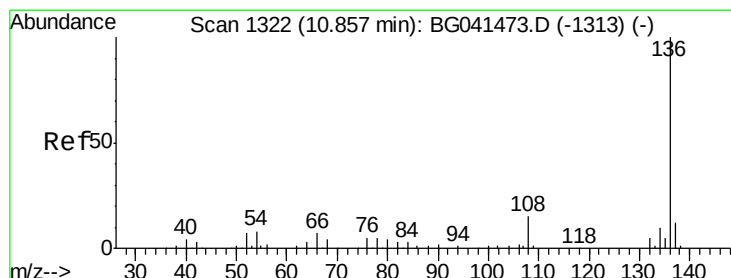
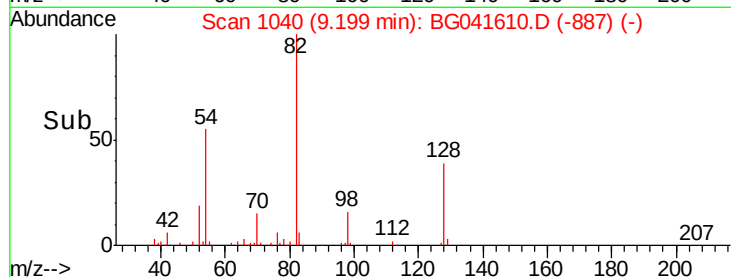
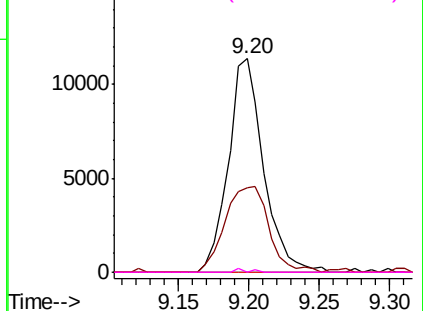
#19
n-Nitroso-di-n-propylamine
Concen: 11.969 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.37 min
Lab File: BG041610.D
Acq: 5 Jul 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 19735
Ion Ratio Lower Upper
70 100
42 39.4 45.5 68.3#
101 0.0 9.0 13.4#
130 0.0 16.8 25.2#

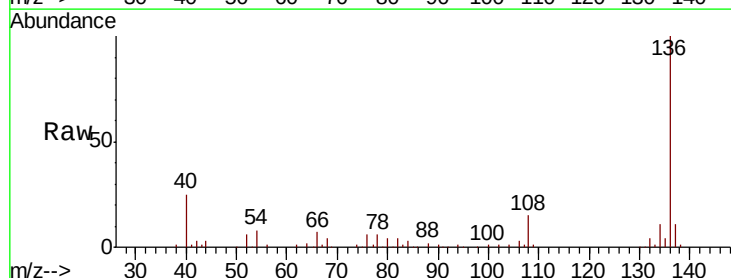


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

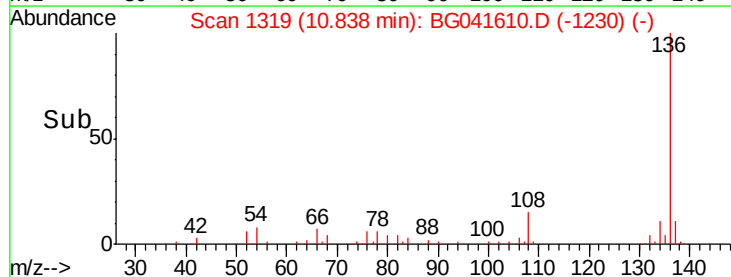
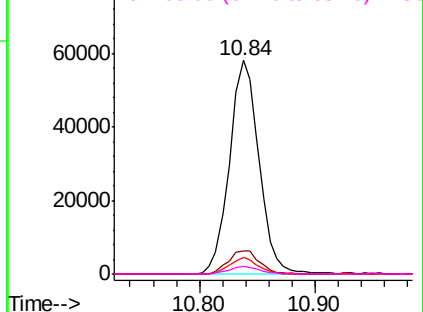


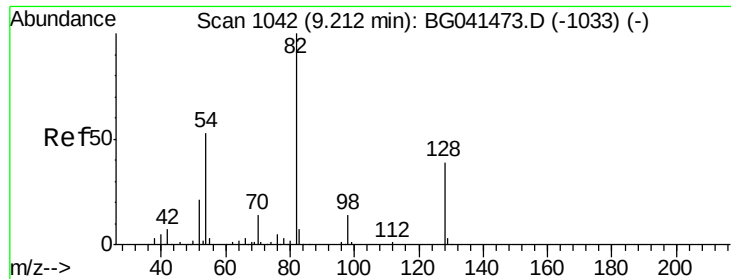
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG041610.D
Acq: 5 Jul 2019 14:08

Tgt Ion:136 Resp: 102778
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 8.0 6.0 9.0
68 3.7 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

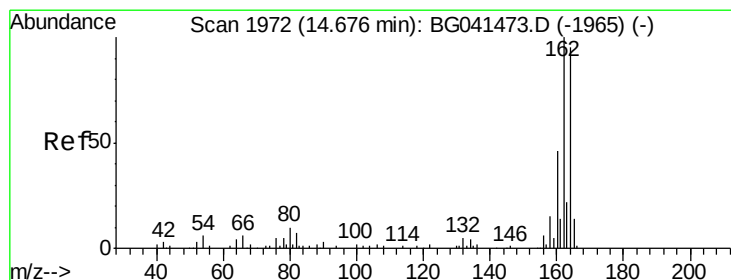
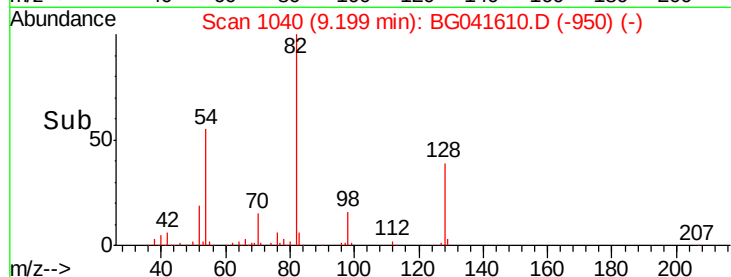
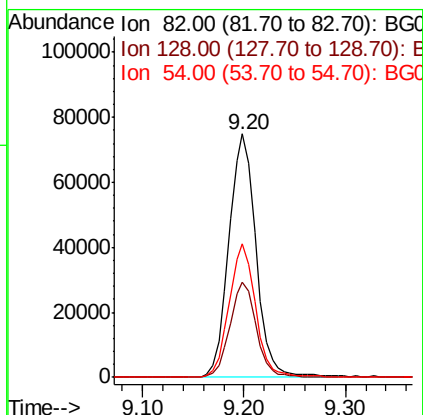
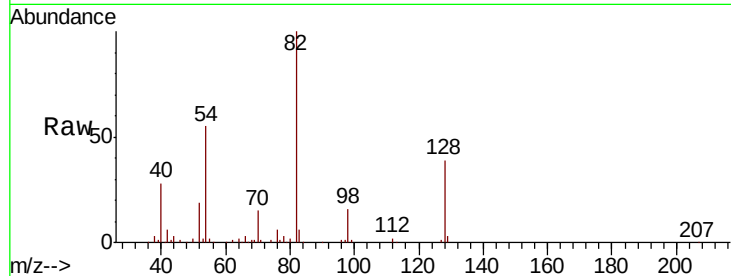




#23
Nitrobenzene-d5
Concen: 56.342 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG041610.D
Acq: 5 Jul 2019 14:08

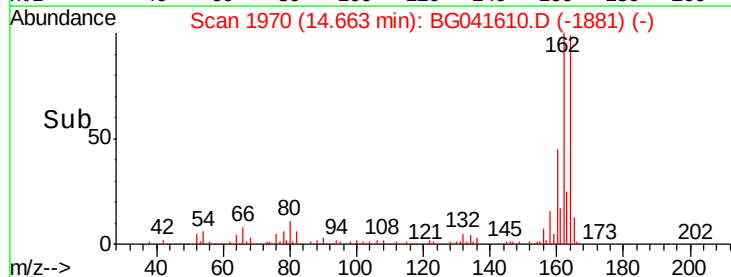
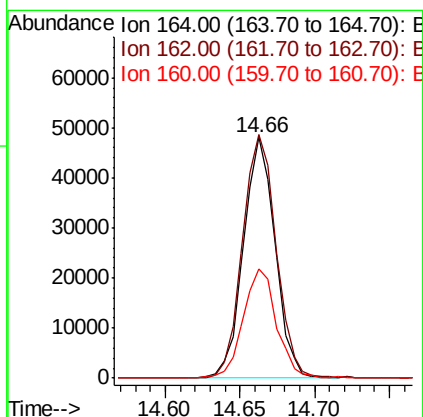
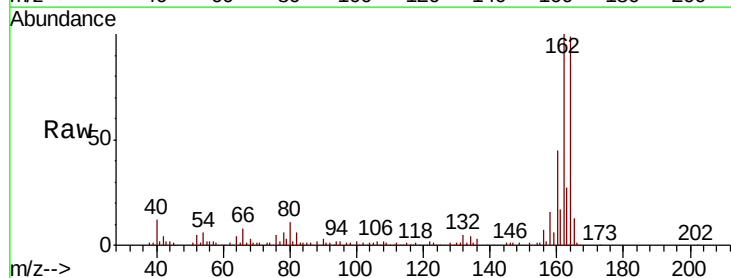
Instrument :
BNA_G
ClientSampled :

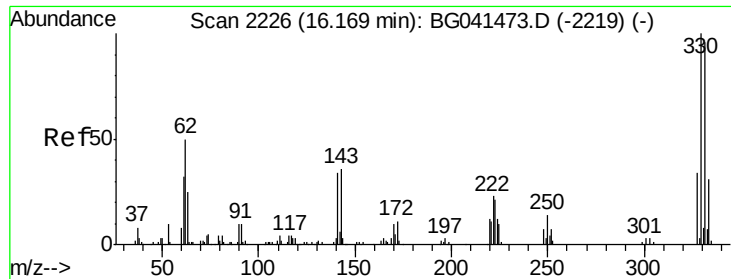
Tot Ion	82	Resp	138844
Ion Ratio	Lower	Upper	
82	100		
128	39.0	29.5	44.3
54	54.8	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041610.D
Acq: 5 Jul 2019 14:08

Tgt Ion	164	Resp	70413
Ion Ratio	Lower	Upper	
164	100		
162	101.0	83.0	124.4
160	45.2	34.2	51.4





#42

2,4,6-Tribromophenol

Concen: 102.467 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG041610.D

Acq: 5 Jul 2019 14:08

Instrument :

BNA_G

ClientSampleId :

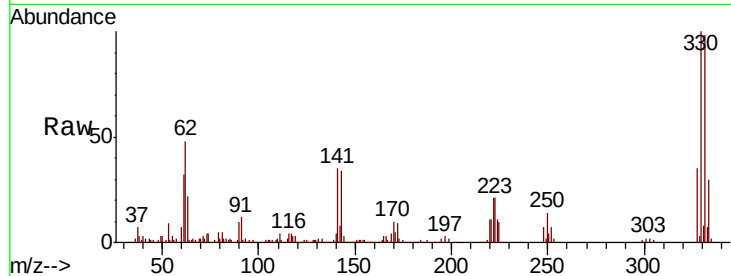
Tot Ion:330 Resp: 123191

Ion Ratio Lower Upper

330 100

332 94.7 76.9 115.3

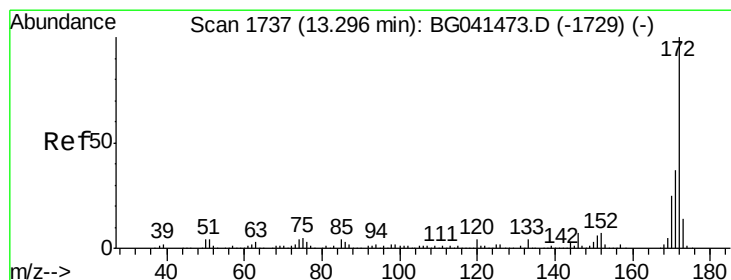
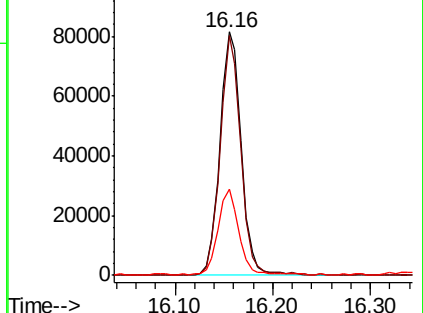
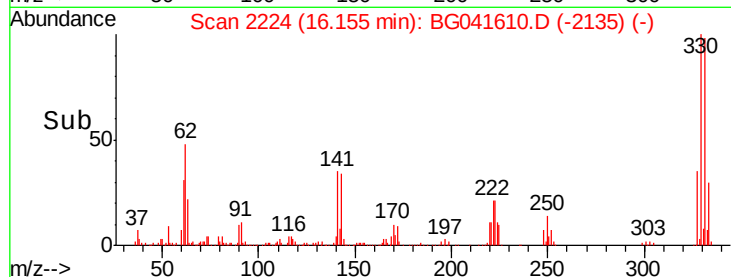
141 34.1 28.4 42.6



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: 47.699 ng

RT: 13.28 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BG041610.D

Acq: 5 Jul 2019 14:08

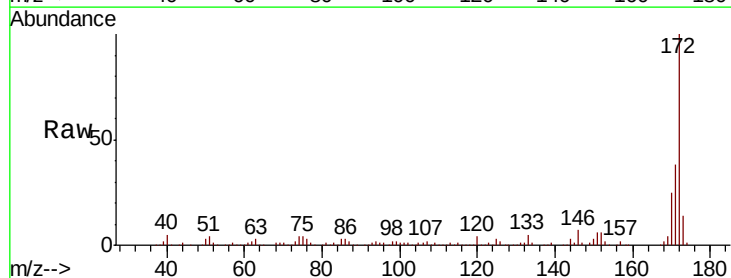
Tgt Ion:172 Resp: 261726

Ion Ratio Lower Upper

172 100

171 37.7 30.9 46.3

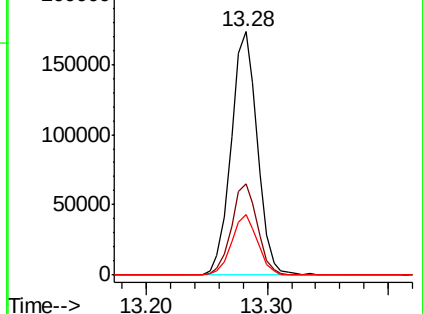
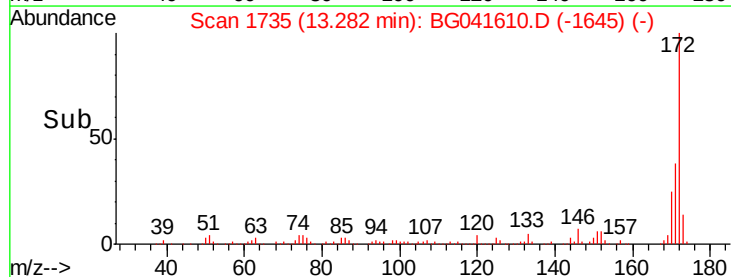
170 24.7 20.0 30.0

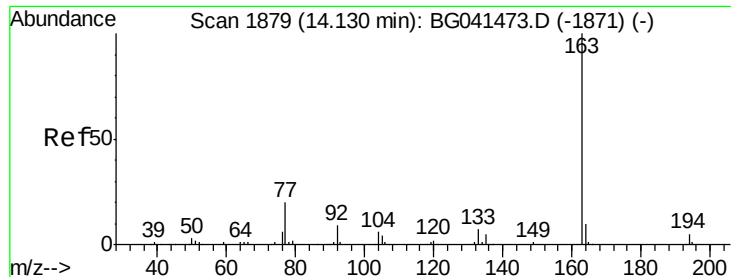


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

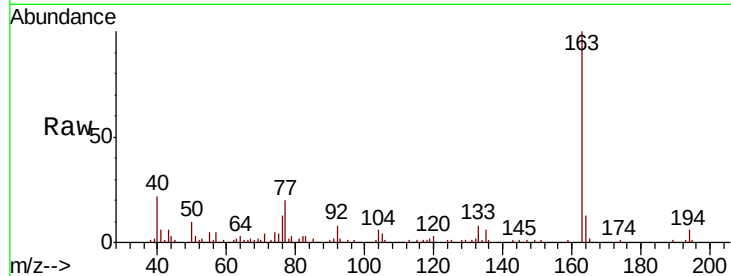




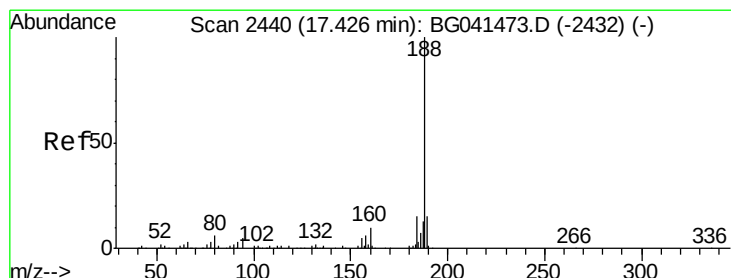
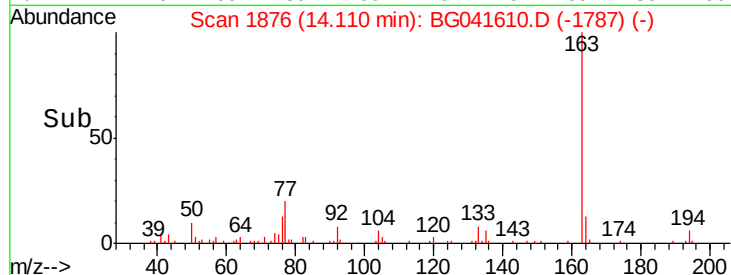
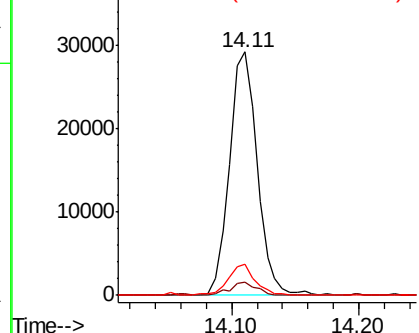
#50
Dimethylphthalate
Concen: 6.883 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG041610.D
Acq: 5 Jul 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 44107
Ion Ratio Lower Upper
163 100
194 5.6 3.9 5.9
164 12.7 8.0 12.0#

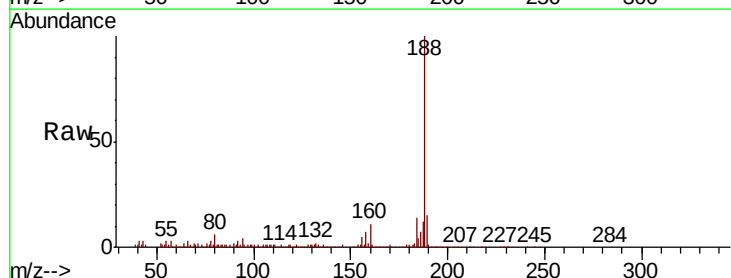


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

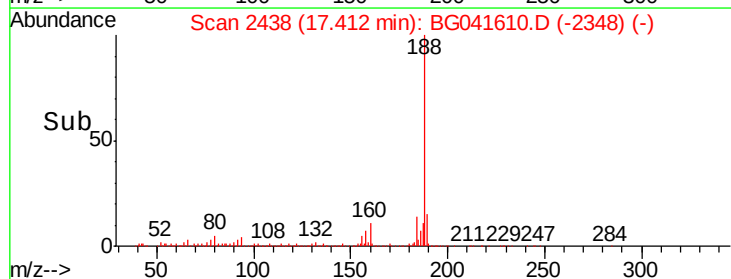
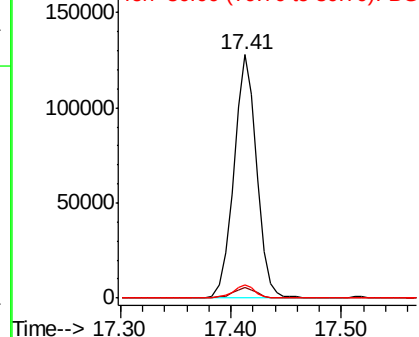


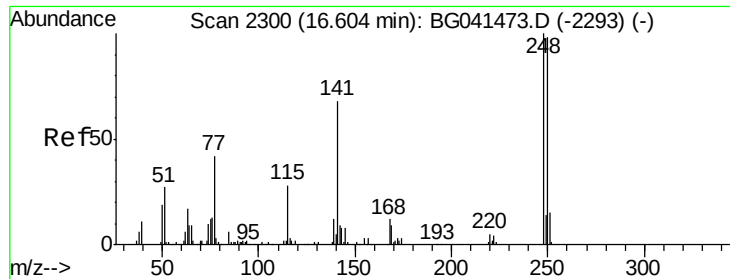
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG041610.D
Acq: 5 Jul 2019 14:08

Tgt Ion:188 Resp: 184681
Ion Ratio Lower Upper
188 100
94 4.3 3.3 4.9
80 5.7 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

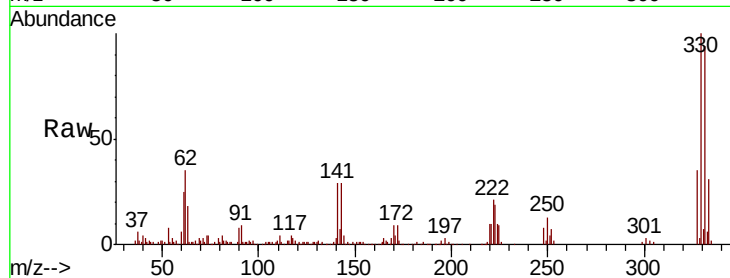




#67
 4-Bromophenyl-phenylether
 Concen: 3.471 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.43 min
 Lab File: BG041610.D
 Acq: 5 Jul 2019 14:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	167.5	79.3	118.9#
141	365.9	51.0	76.6#

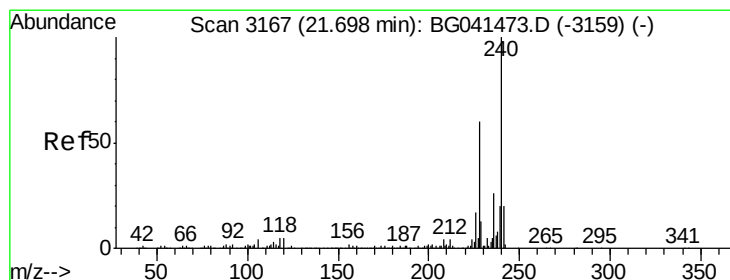
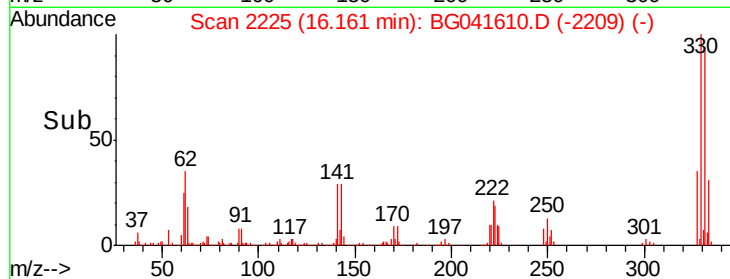
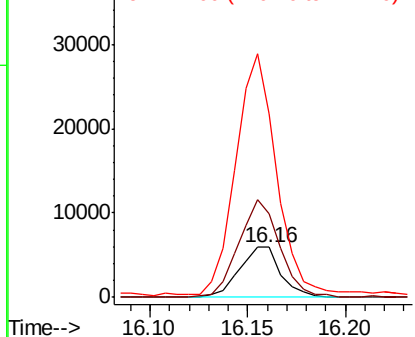


Abundance

Ion 248.00 (247.70 to 248.70): E

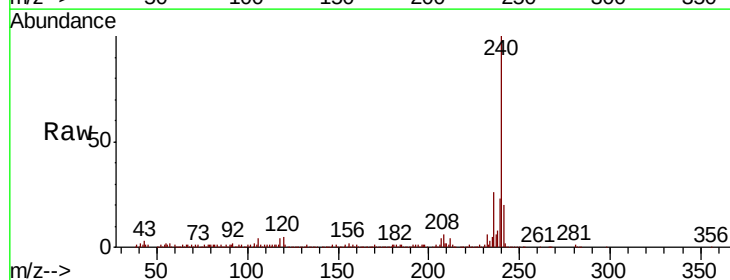
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: BG041610.D
 Acq: 5 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.9	5.9
236	26.1	20.6	30.8

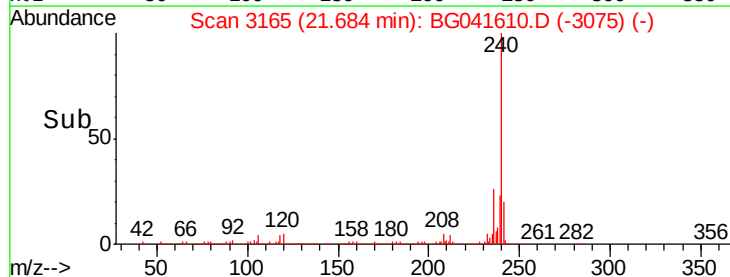
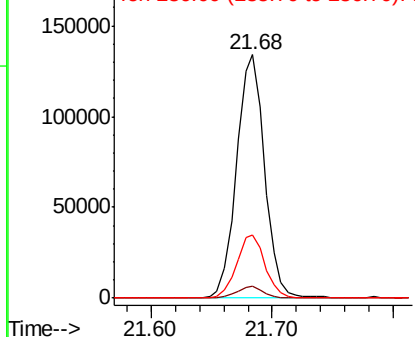


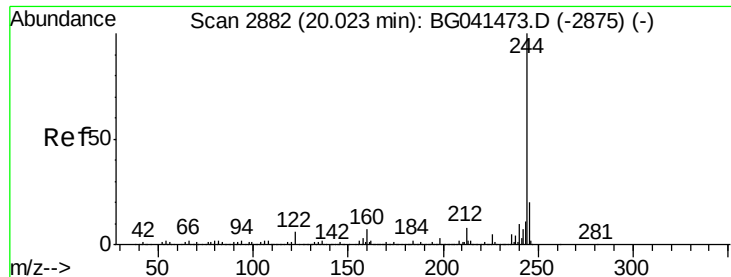
Abundance

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





#79

Terphenyl-d14

Concen: 45.664 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG041610.D

Acq: 5 Jul 2019 14:08

Instrument :

BNA_G

ClientSampleId :

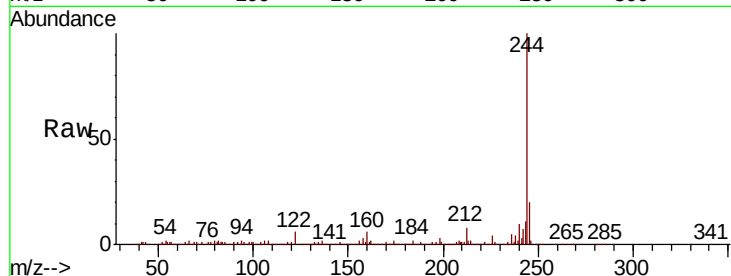
Tot Ion:244 Resp: 466341

Ion Ratio Lower Upper

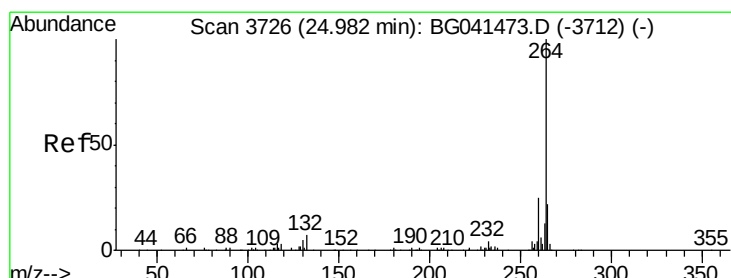
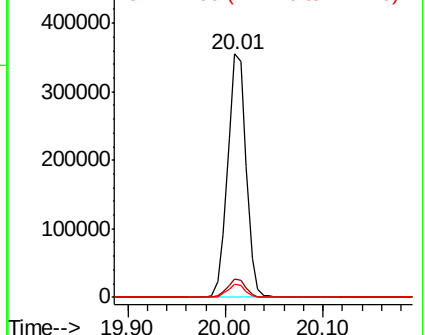
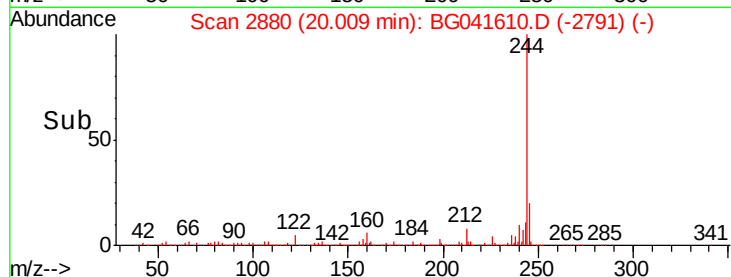
244 100

212 7.7 6.2 9.2

122 5.5 4.0 6.0



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# 3722

Delta R.T. -0.01 min

Lab File: BG041610.D

Acq: 5 Jul 2019 14:08

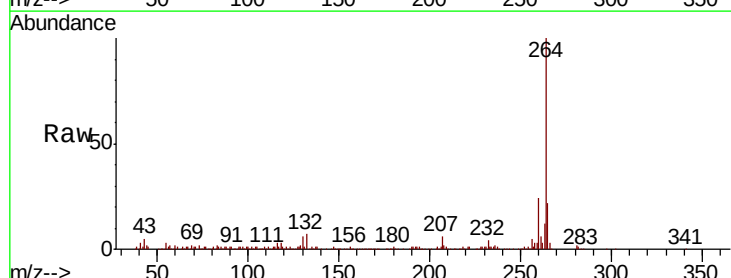
Tgt Ion:264 Resp: 239258

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 22.3 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

