

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041119\
 Data File : BG040452.D
 Acq On : 11 Apr 2019 22:09
 Operator : JU/SJ
 Sample : PB118783BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:27:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

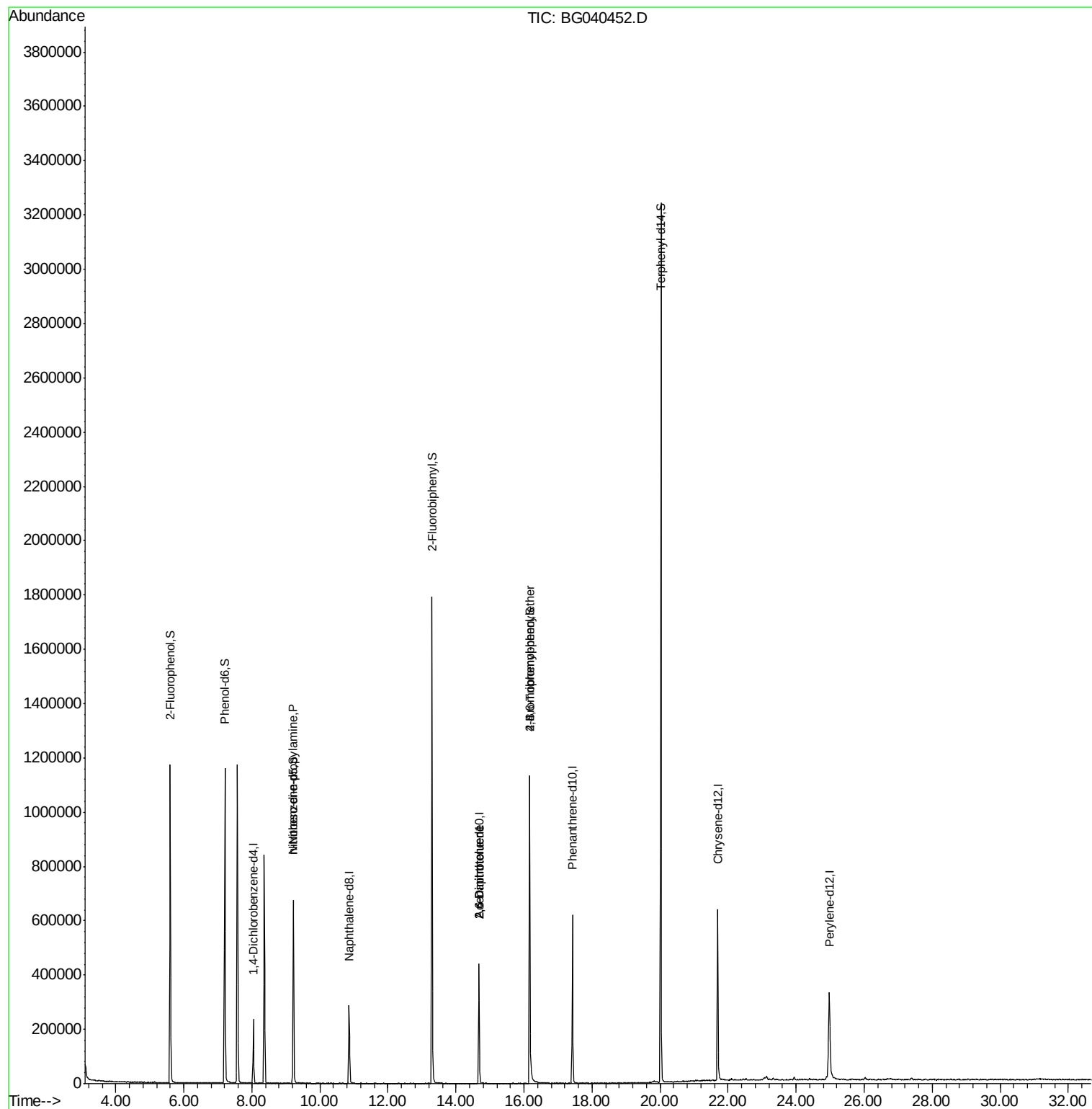
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	66559	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	260363	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	164303	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	401882	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	415456	20.00	ng	-0.04
87) Perylene-d12	24.98	264	406700	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	523035	130.64	ng	-0.02
7) Phenol-d6	7.20	99	712721	128.81	ng	-0.02
23) Nitrobenzene-d5	9.22	82	427067	87.19	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	234507	132.07	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	980500	88.43	ng	-0.03
79) Terphenyl-d14	20.02	244	1502506	81.36	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	52347	13.195	ng	# 72
51) 2,6-Dinitrotoluene	14.67	165	21211	7.346	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	21211	5.287	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	18694	4.133	ng	# 1

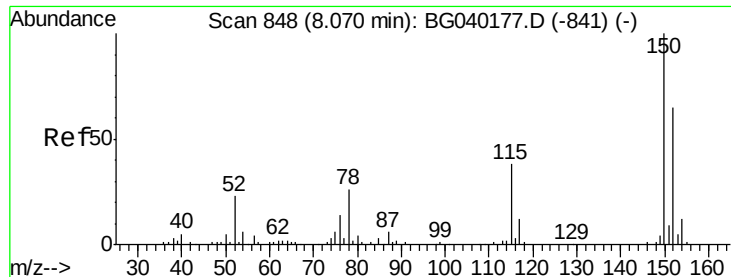
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_G
ClientSampleId :

Quant Time: Apr 12 01:27:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



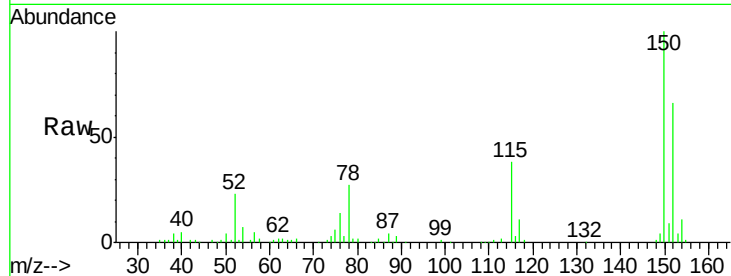


#1

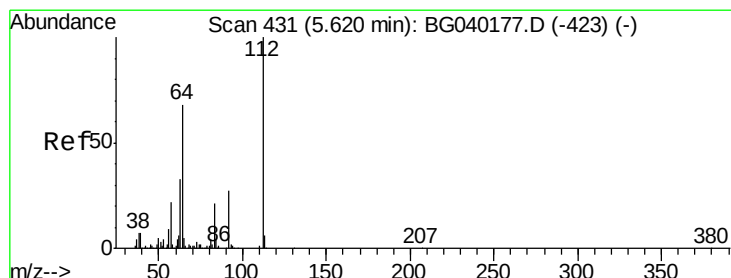
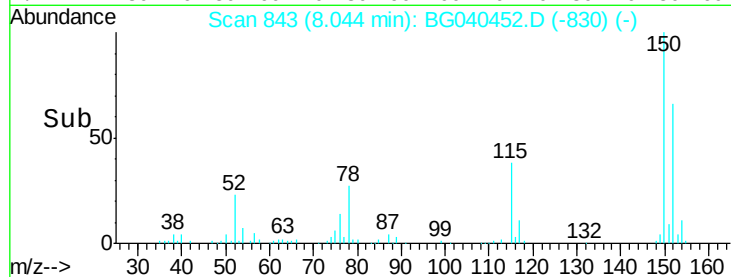
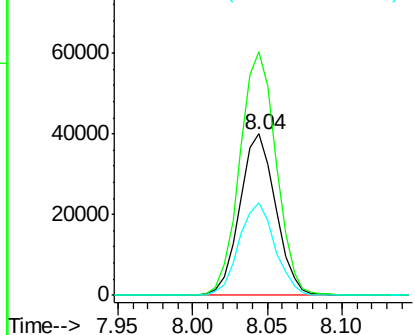
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040452.D
Acq: 11 Apr 2019 22:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66559
Ion Ratio Lower Upper
152 100
150 151.0 123.7 185.5
115 57.4 46.9 70.3



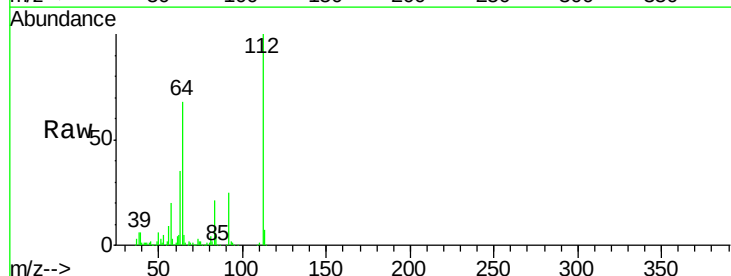
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



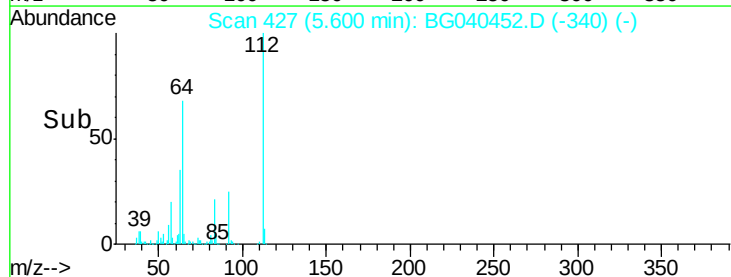
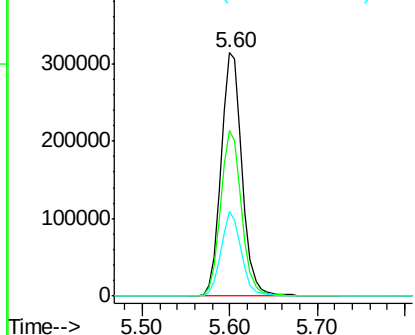
#5

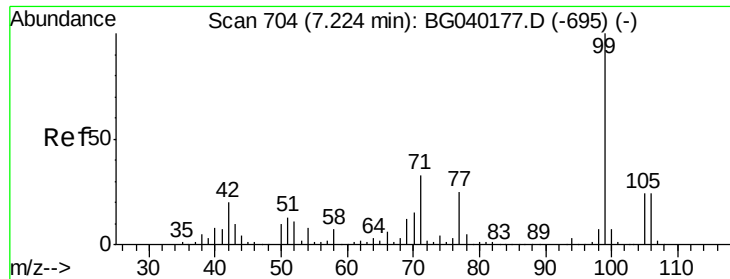
2-Fluorophenol
Concen: 130.636 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040452.D
Acq: 11 Apr 2019 22:09

Tgt Ion:112 Resp: 523035
Ion Ratio Lower Upper
112 100
64 68.1 54.2 81.2
63 34.7 26.4 39.6



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





#7

Phenol-d6

Concen: 128.807 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040452.D

Acq: 11 Apr 2019 22:09

Instrument :

BNA_G

ClientSampled :

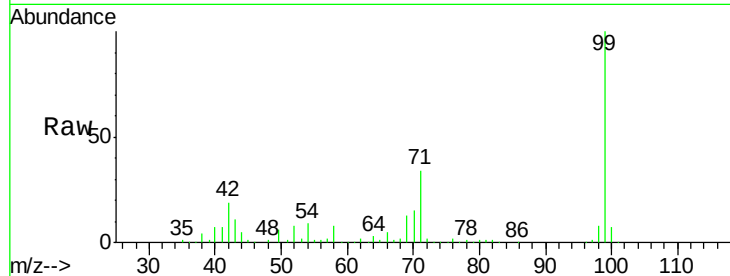
Tot Ion: 99 Resp: 712721

Ion Ratio Lower Upper

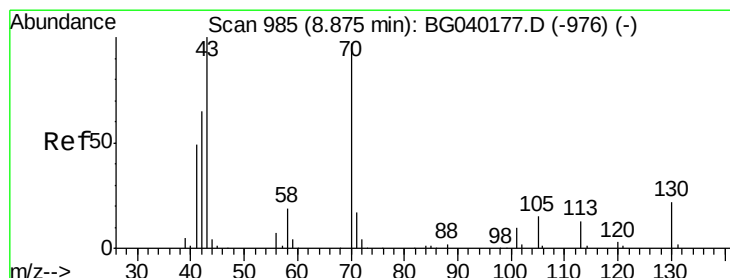
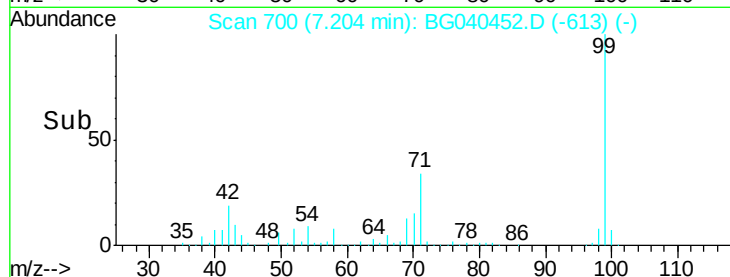
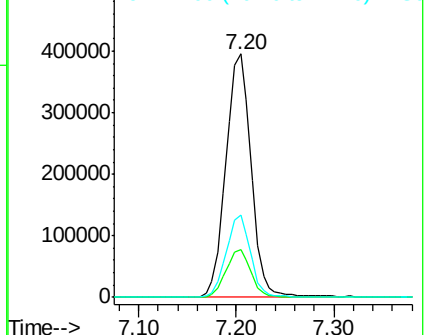
99 100

42 19.4 16.2 24.2

71 33.8 26.8 40.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.195 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040452.D

Acq: 11 Apr 2019 22:09

Tgt Ion: 70 Resp: 52347

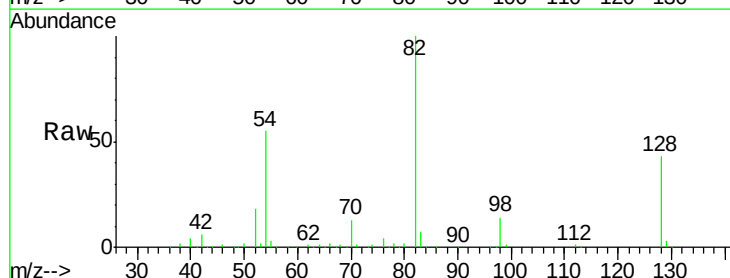
Ion Ratio Lower Upper

70 100

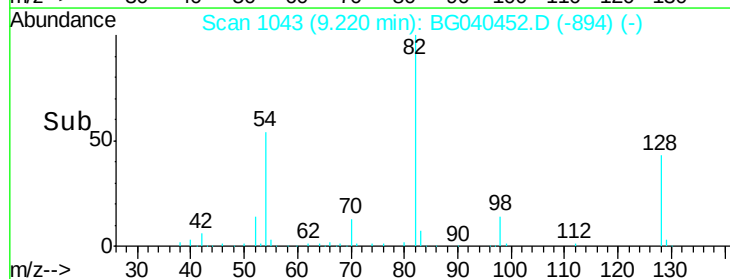
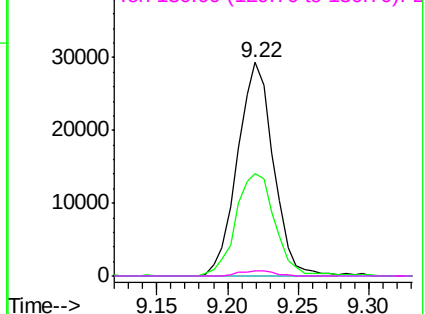
42 48.1 54.0 81.0#

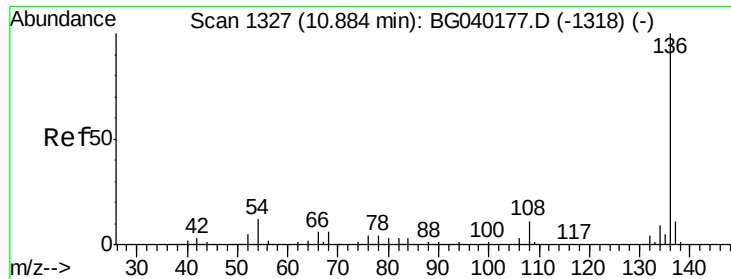
101 0.0 8.6 13.0#

130 2.7 18.2 27.2#



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

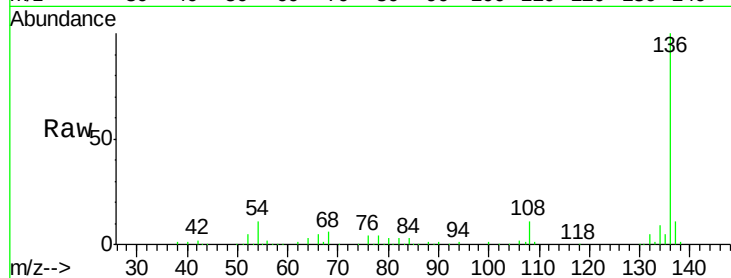




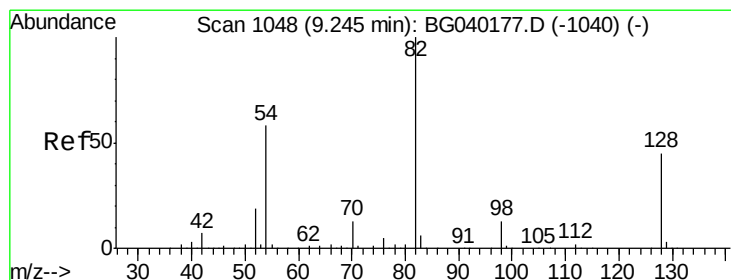
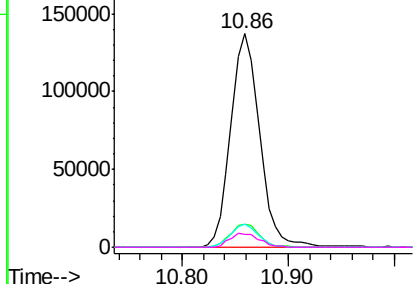
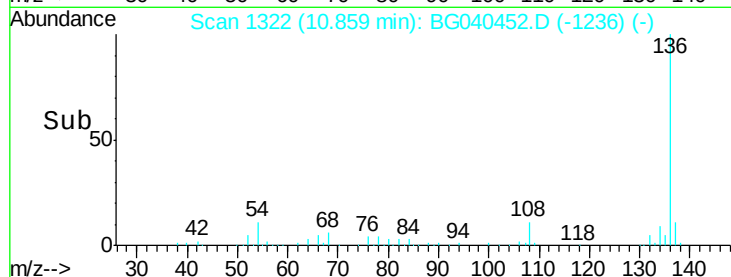
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040452.D
Acq: 11 Apr 2019 22:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	260363
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	10.9	9.6 14.4
68	6.2	5.1 7.7

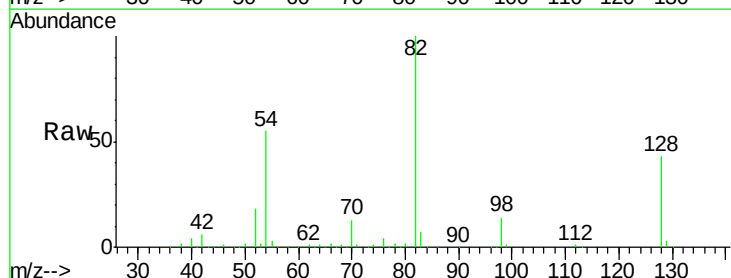


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

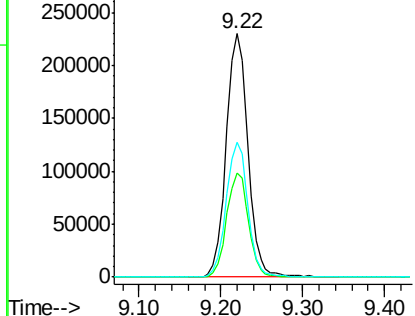
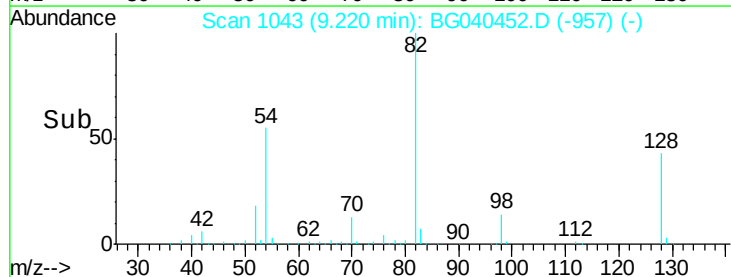


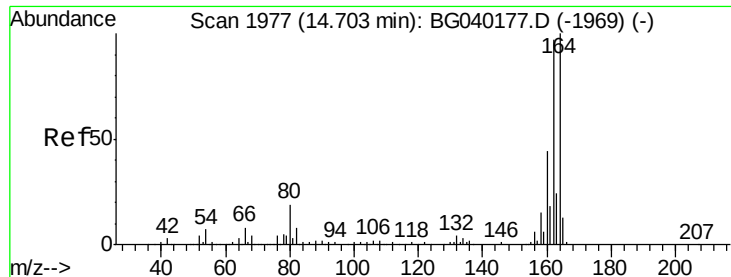
#23
Nitrobenzene-d5
Concen: 87.186 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040452.D
Acq: 11 Apr 2019 22:09

Tgt Ion: 82	Resp:	427067
Ion	Ratio	Lower Upper
82	100	
128	42.8	35.8 53.8
54	55.2	46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

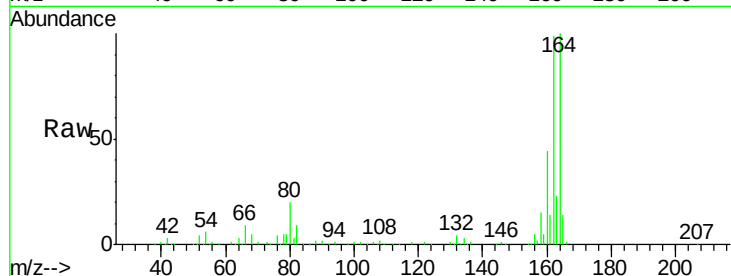




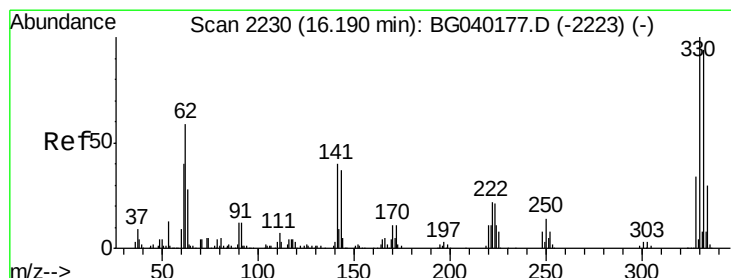
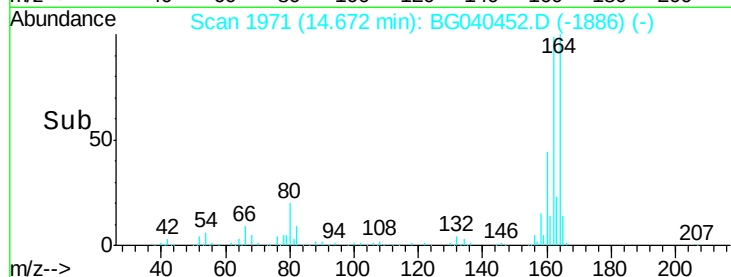
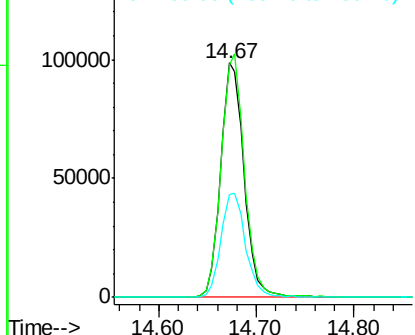
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.03 min
Lab File: BG040452.D
Acq: 11 Apr 2019 22:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 164303
Ion Ratio Lower Upper
164 100
162 99.2 77.4 116.2
160 43.9 35.3 52.9

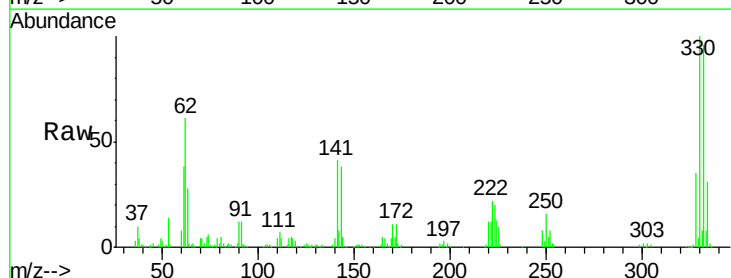


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

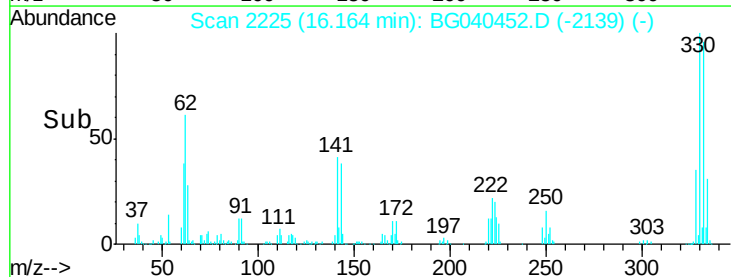
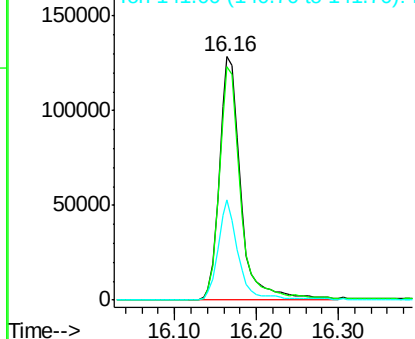


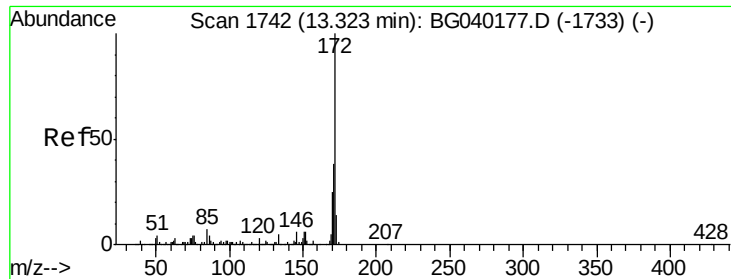
#42
2,4,6-Tribromophenol
Concen: 132.065 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG040452.D
Acq: 11 Apr 2019 22:09

Tgt Ion:330 Resp: 234507
Ion Ratio Lower Upper
330 100
332 94.7 76.6 115.0
141 38.4 32.6 48.8



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

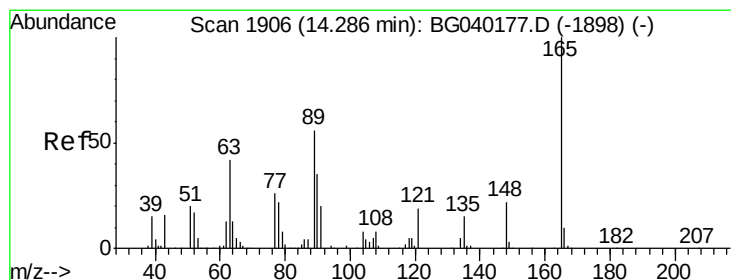
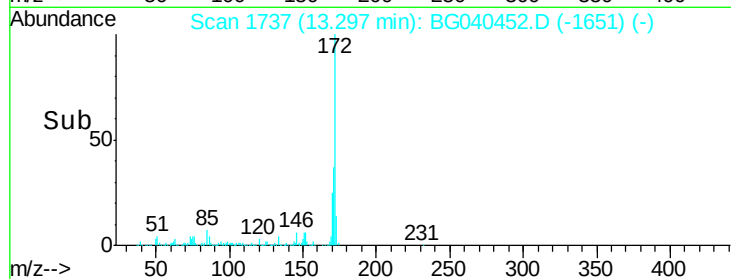
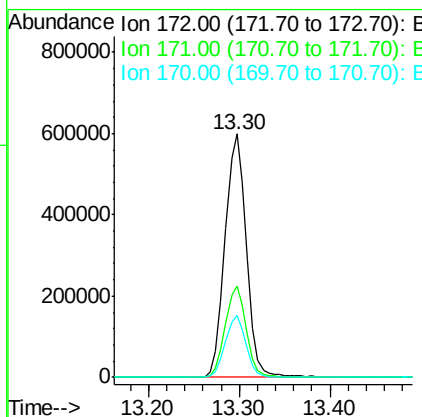
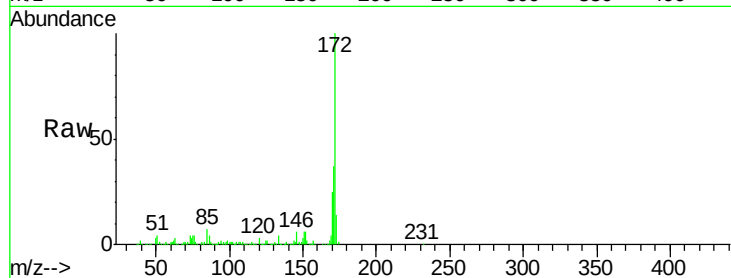




#45
2-Fluorobiphenyl
Concen: 88.426 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040452.D
Acq: 11 Apr 2019 22:09

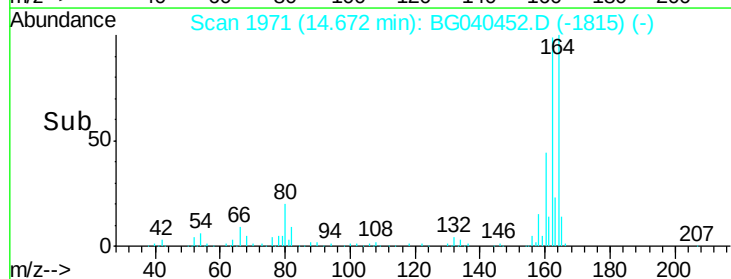
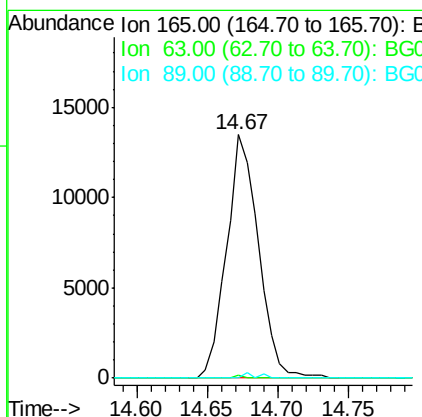
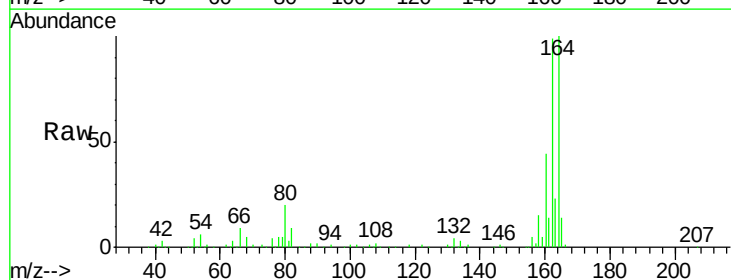
Instrument :
BNA_G
ClientSampleId :

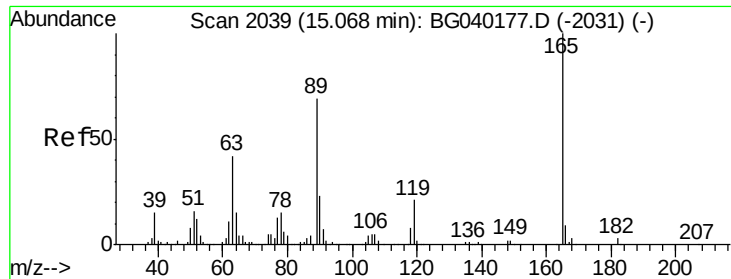
Tot Ion:172 Resp: 980500
Ion Ratio Lower Upper
172 100
171 37.3 30.5 45.7
170 25.3 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.346 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.39 min
Lab File: BG040452.D
Acq: 11 Apr 2019 22:09

Tgt Ion:165 Resp: 21211
Ion Ratio Lower Upper
165 100
63 1.4 44.1 66.1#
89 0.0 44.9 67.3#





#57

2,4-Dinitrotoluene

Concen: 5.287 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.40 min

Lab File: BG040452.D

Acq: 11 Apr 2019 22:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 21211

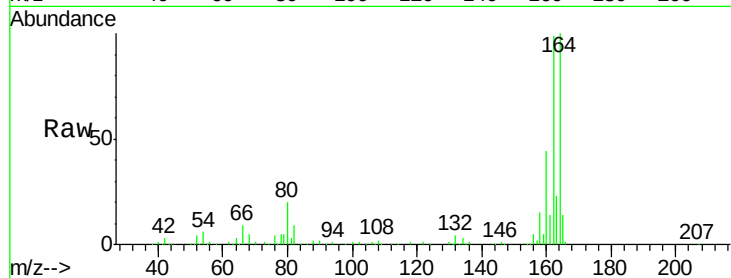
Ion Ratio Lower Upper

165 100

63 1.4 33.8 50.6#

89 0.0 55.4 83.2#

182 0.0 2.2 3.4#

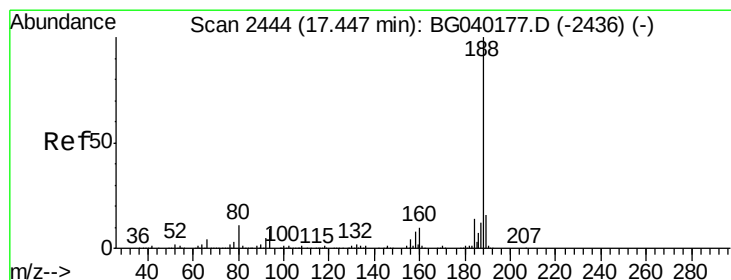
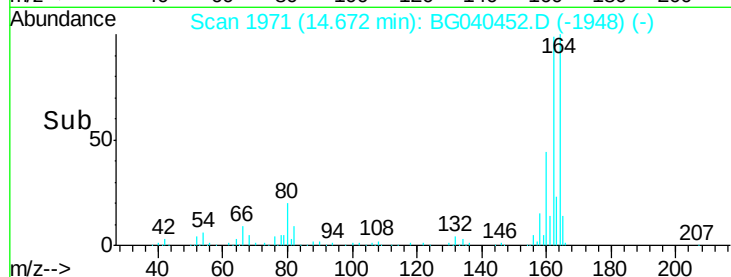
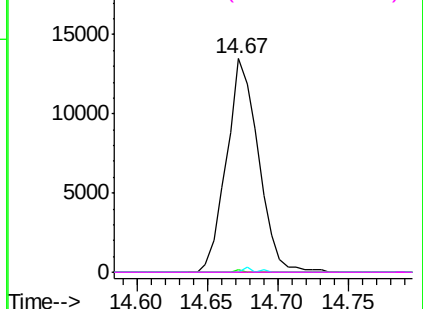


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040452.D

Acq: 11 Apr 2019 22:09

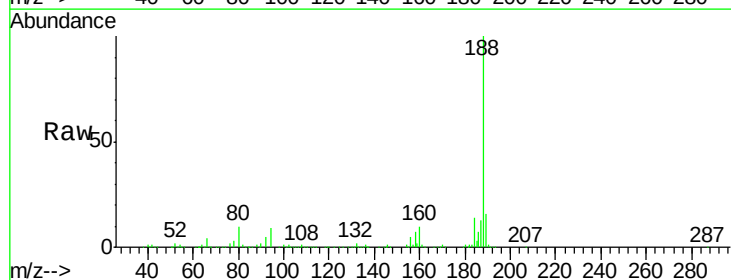
Tgt Ion:188 Resp: 401882

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

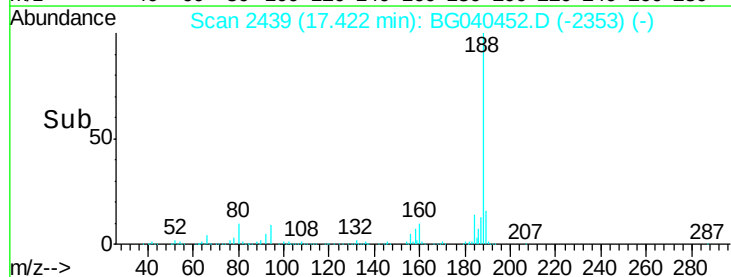
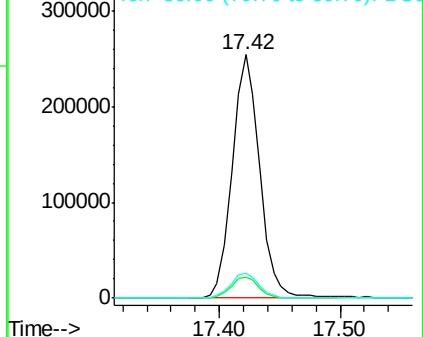
80 10.2 8.6 13.0

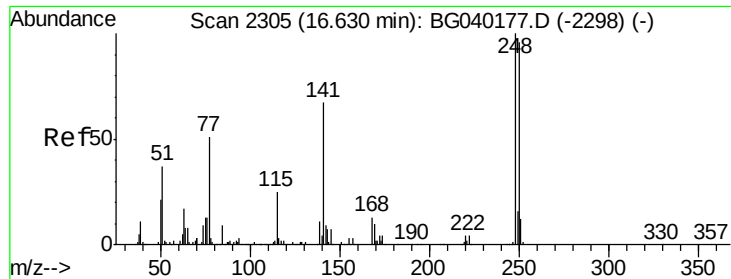


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

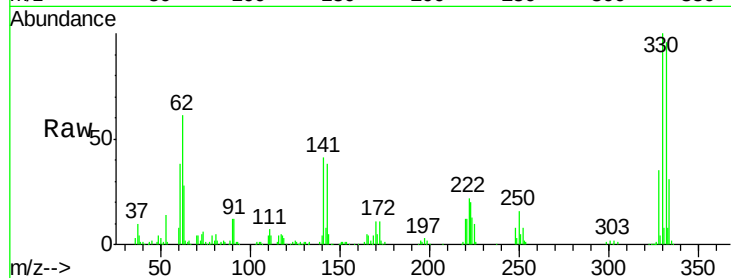




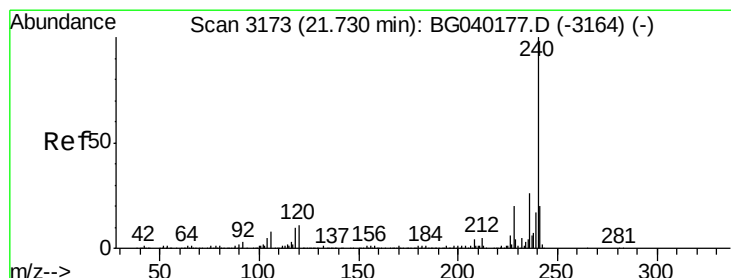
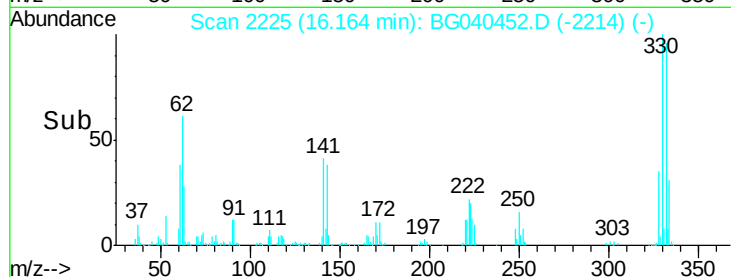
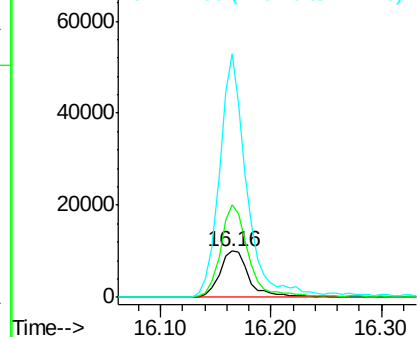
#67
4-Bromophenyl-phenylether
Concen: 4.133 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.47 min
Lab File: BG040452.D
Acq: 11 Apr 2019 22:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18694
Ion Ratio Lower Upper
248 100
250 199.2 76.4 114.6#
141 526.0 53.8 80.8#

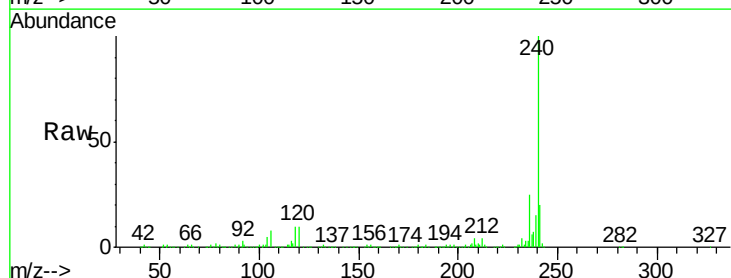


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

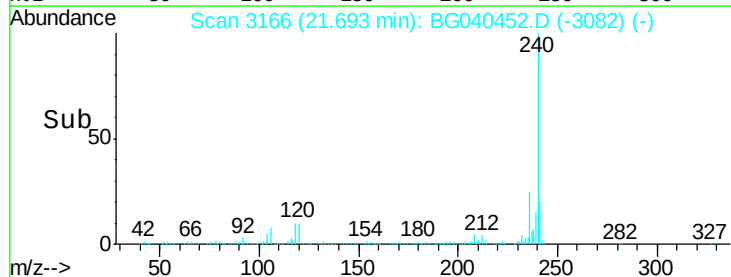
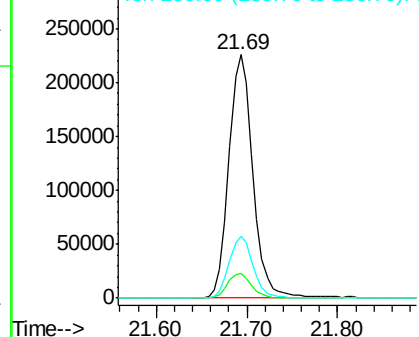


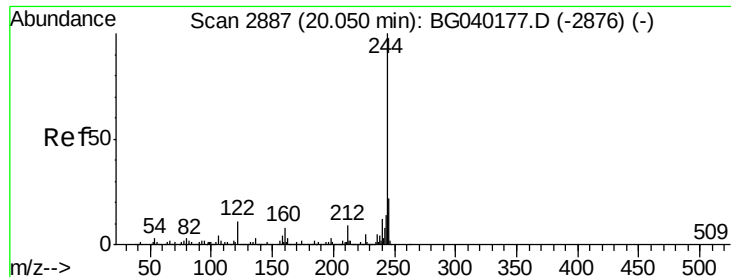
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040452.D
Acq: 11 Apr 2019 22:09

Tgt Ion:240 Resp: 415456
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.4 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





#79

Terphenyl-d14

Concen: 81.359 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040452.D

Acq: 11 Apr 2019 22:09

Instrument :

BNA_G

ClientSampled :

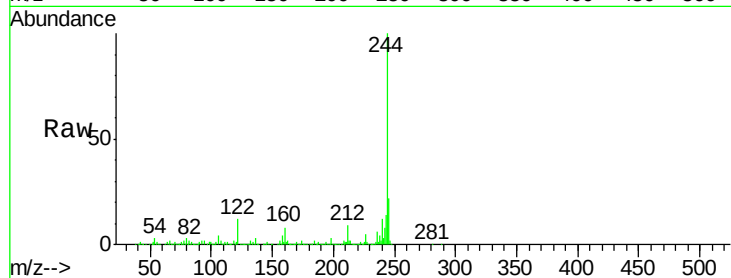
Tot Ion:244 Resp: 1502506

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

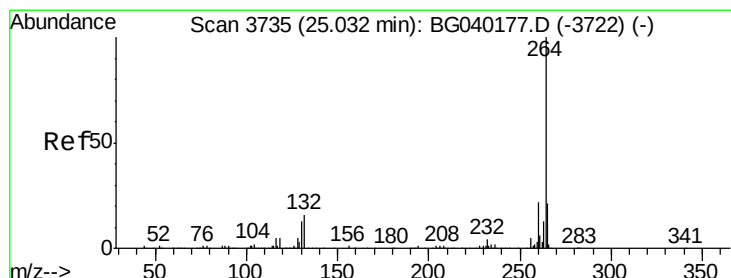
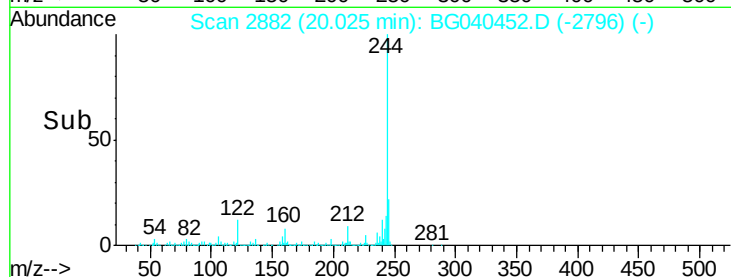
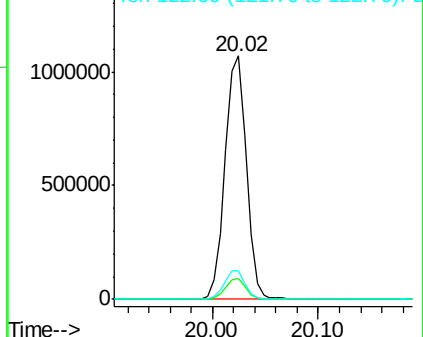
122 11.6 8.5 12.7



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: 24.98 min Scan# 3725

Delta R.T. -0.05 min

Lab File: BG040452.D

Acq: 11 Apr 2019 22:09

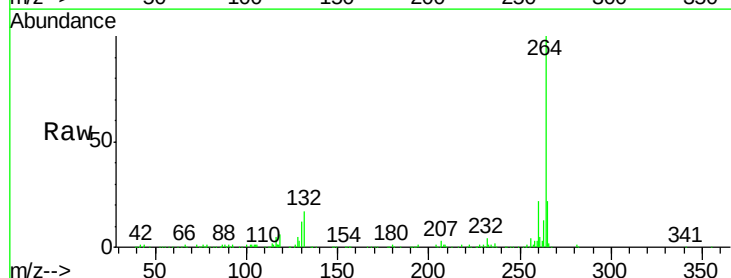
Tgt Ion:264 Resp: 406700

Ion Ratio Lower Upper

264 100

260 21.9 17.9 26.9

265 21.6 16.8 25.2



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

