

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039001.D
 Acq On : 8 Jan 2019 19:52
 Operator : JU/SJ
 Sample : K1074-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 03:02:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

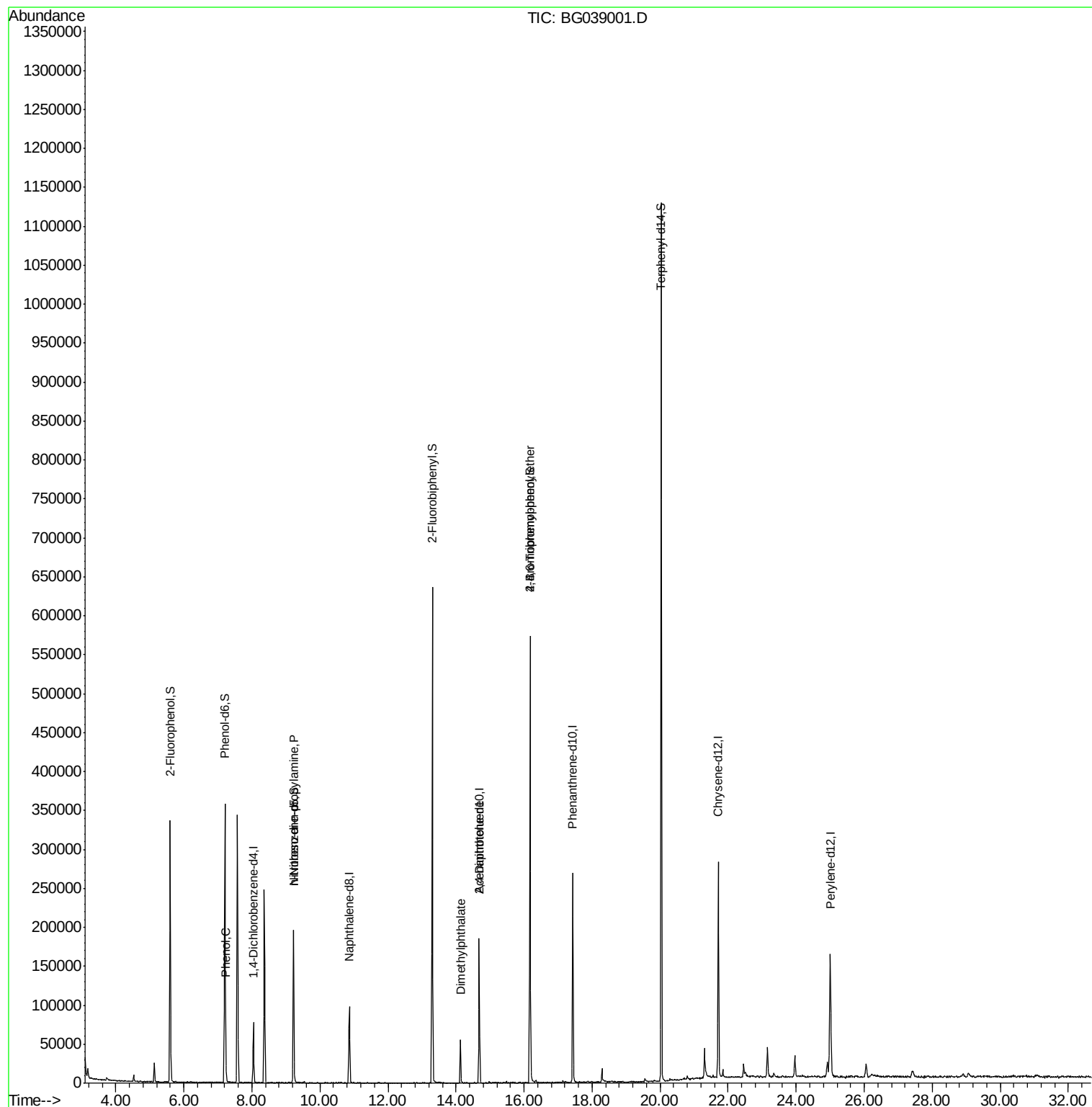
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	22959	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	93470	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	69088	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	177860	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	184894	20.00	ng	-0.02
87) Perylene-d12	25.01	264	195308	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	150682	116.41	ng	0.00
7) Phenol-d6	7.20	99	212523	119.59	ng	0.00
23) Nitrobenzene-d5	9.22	82	125423	68.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	126627	132.99	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	353211	70.14	ng	-0.02
79) Terphenyl-d14	20.04	244	603647	71.05	ng	0.00
Target Compounds						
10) Phenol	7.23	94	8301	4.397	ng	86
19) n-Nitroso-di-n-propylamine	9.22	70	15931	12.764	ng	# 65
50) Dimethylphthalate	14.13	163	42733	7.574	ng	99
57) 2,4-Dinitrotoluene	14.68	165	8808	4.891	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	8070	3.715	ng	# 1

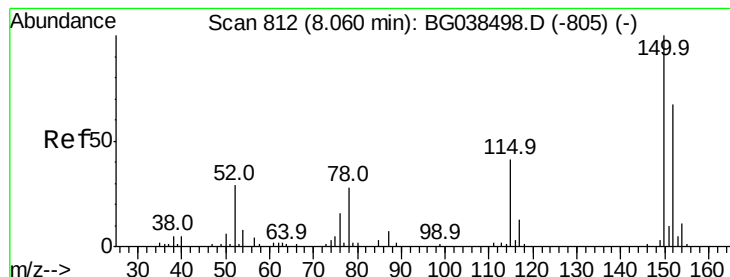
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
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BNA_G
ClientSampleId :

Quant Time: Jan 09 03:02:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.02 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

Instrument :

BNA_G

ClientSampleId :

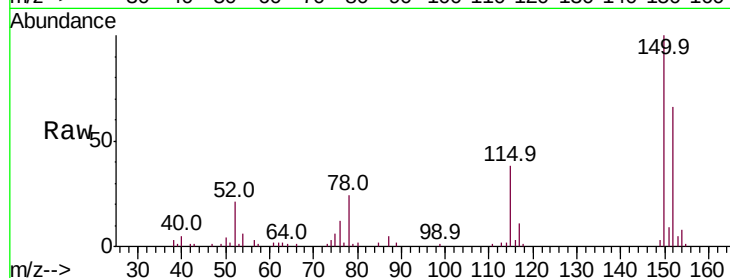
Tot Ion:152 Resp: 22959

Ion Ratio Lower Upper

152 100

150 152.1 119.5 179.3

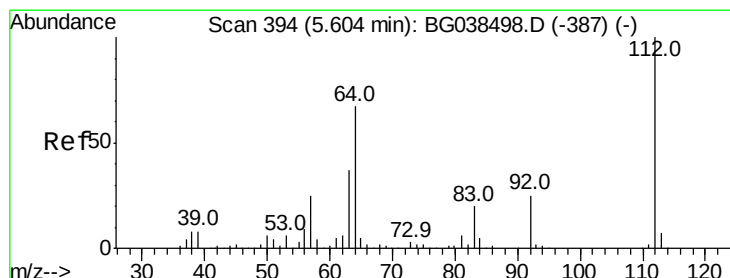
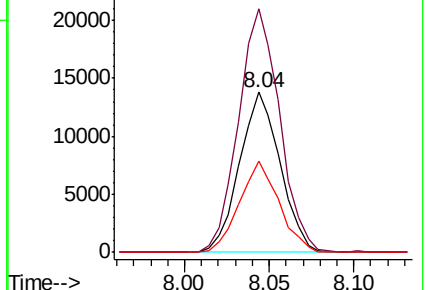
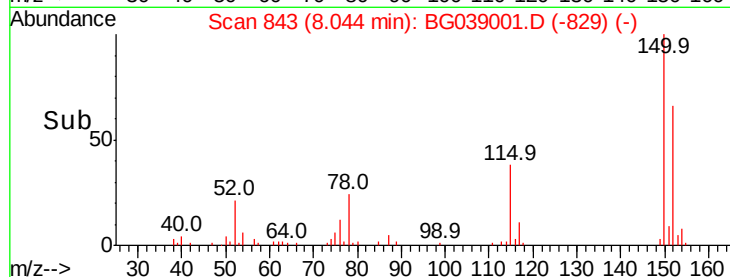
115 57.3 49.6 74.4



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: 116.406 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

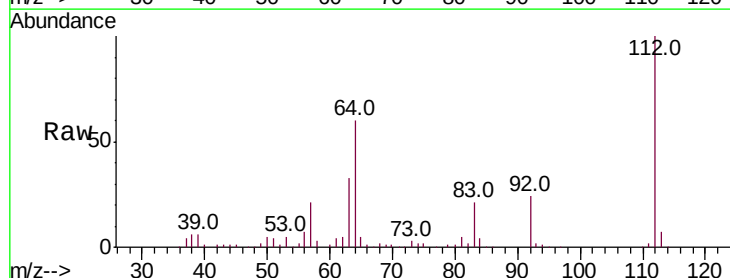
Tgt Ion:112 Resp: 150682

Ion Ratio Lower Upper

112 100

64 59.7 53.4 80.2

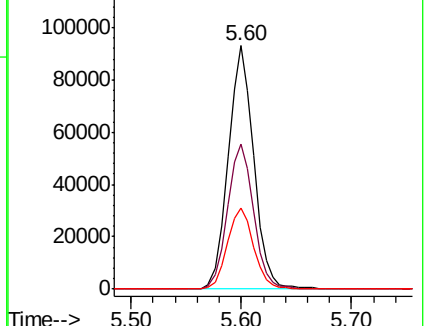
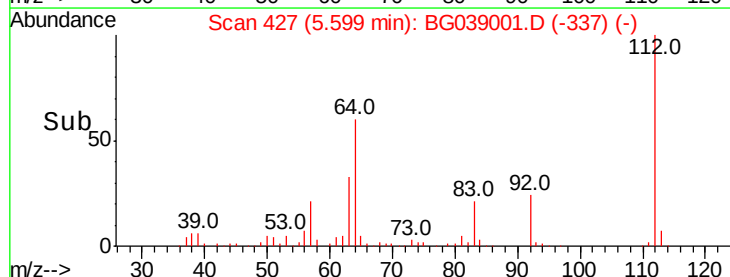
63 33.2 29.3 43.9

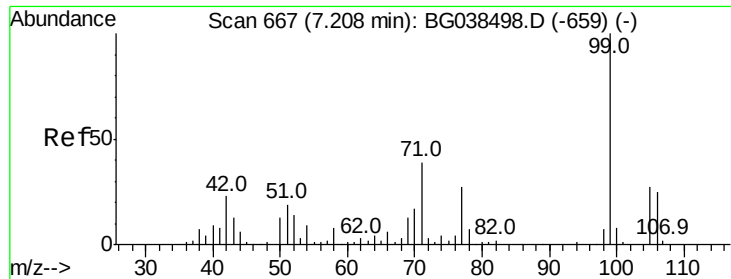


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 119.595 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

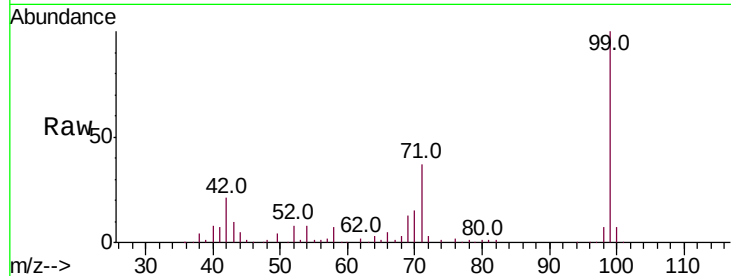
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 212523

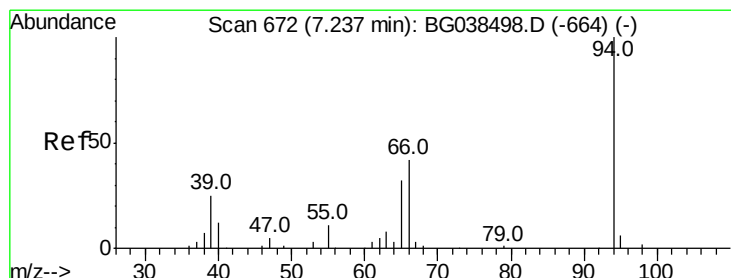
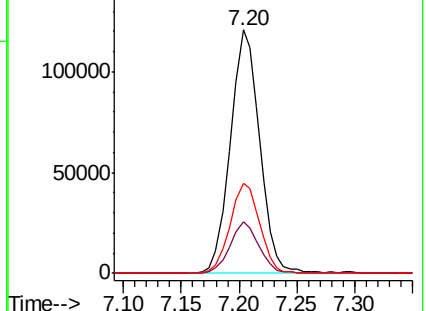
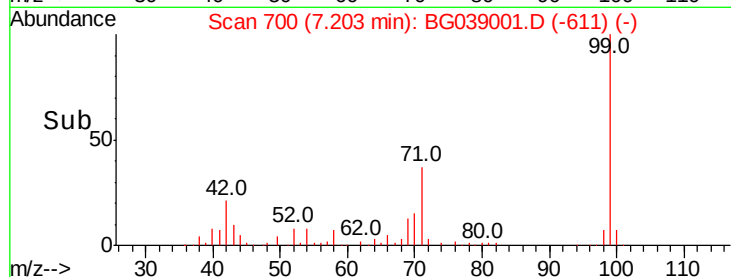
Ion	Ratio	Lower	Upper
99	100		
42	21.1	18.5	27.7
71	37.0	31.1	46.7



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: 4.397 ng

RT: 7.23 min Scan# 705

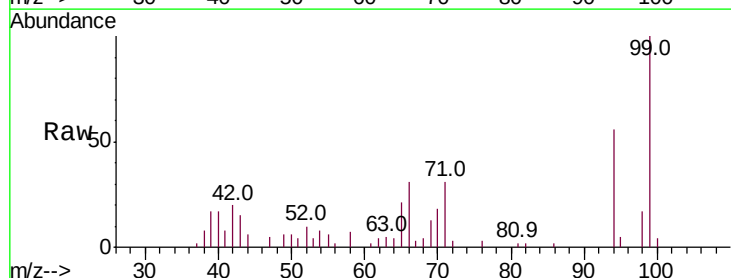
Delta R.T. -0.00 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

Tgt Ion: 94 Resp: 8301

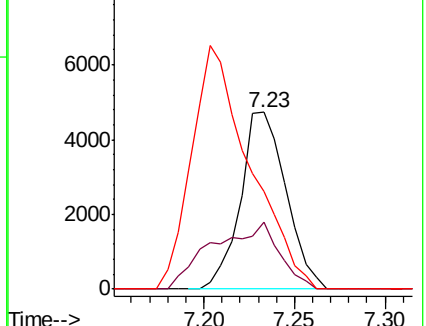
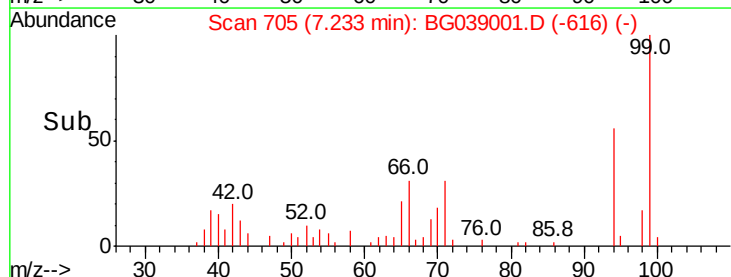
Ion	Ratio	Lower	Upper
94	100		
65	38.1	12.6	52.6
66	55.2	24.1	64.1

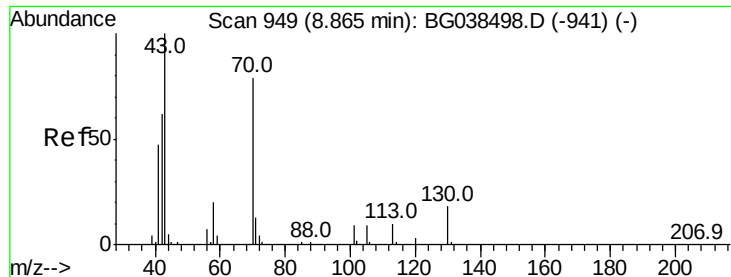


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

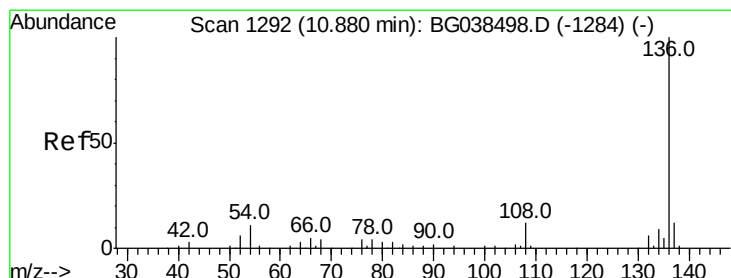
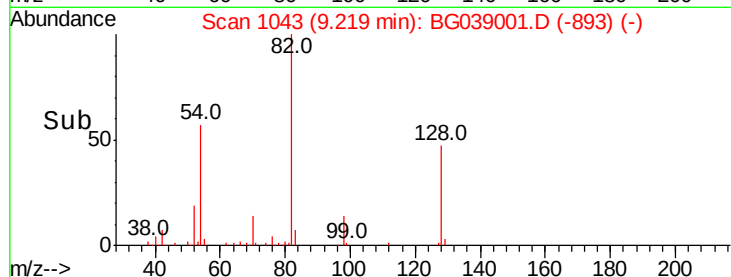
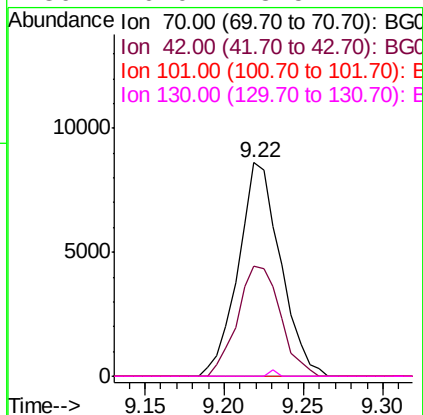
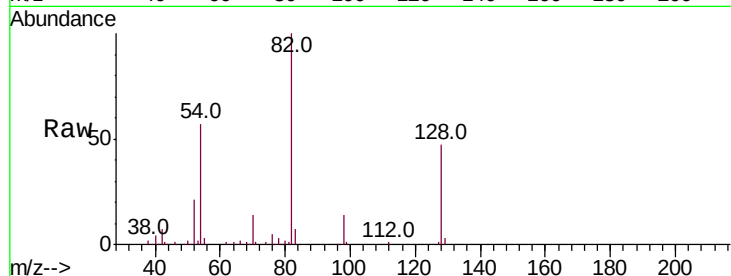




#19
n-Nitroso-di-n-propylamine
Concen: 12.764 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.35 min
Lab File: BG039001.D
Acq: 8 Jan 2019 19:52

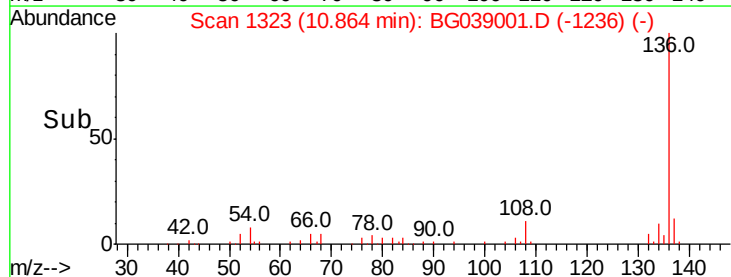
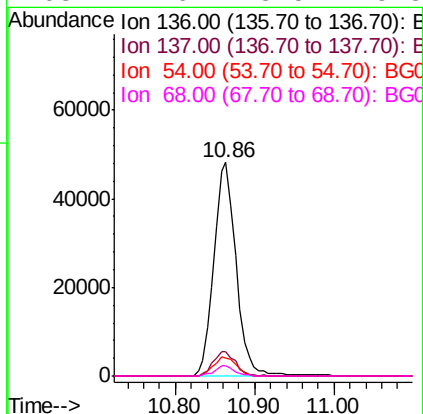
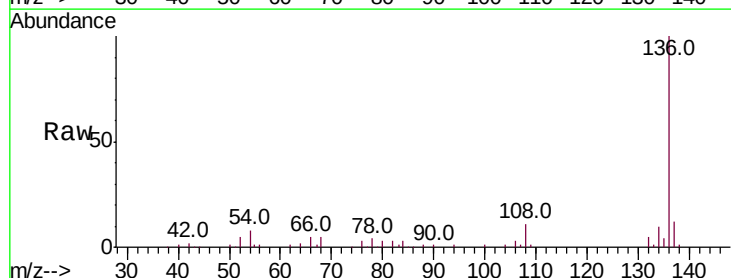
Instrument :
BNA_G
ClientSampleId :

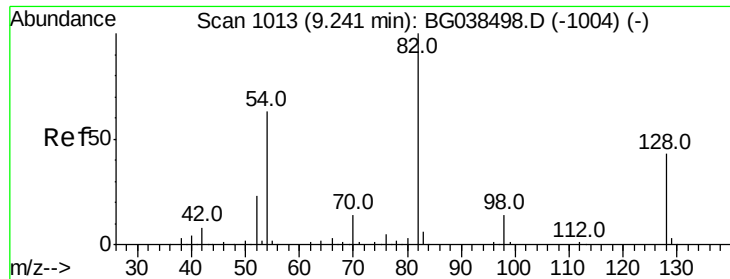
Tot Ion: 70 Resp: 15931
Ion Ratio Lower Upper
70 100
42 51.8 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039001.D
Acq: 8 Jan 2019 19:52

Tgt Ion: 136 Resp: 93470
Ion Ratio Lower Upper
136 100
137 11.7 9.3 13.9
54 8.4 8.5 12.7#
68 4.6 3.5 5.3

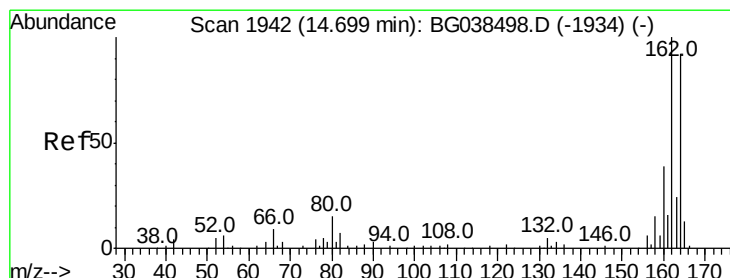
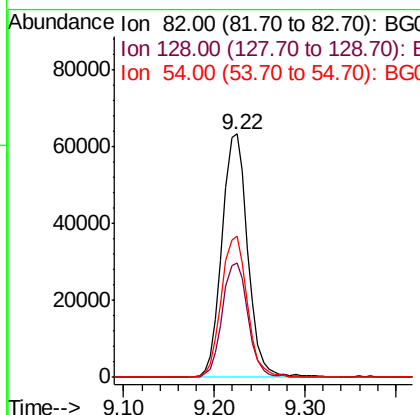
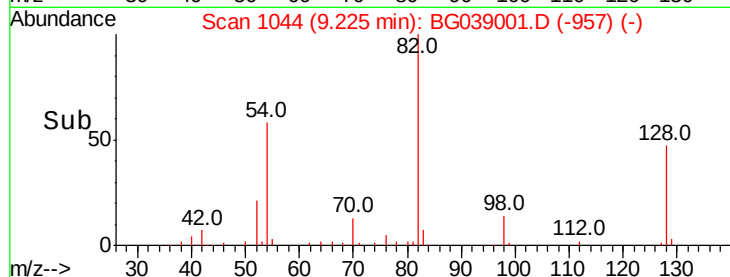
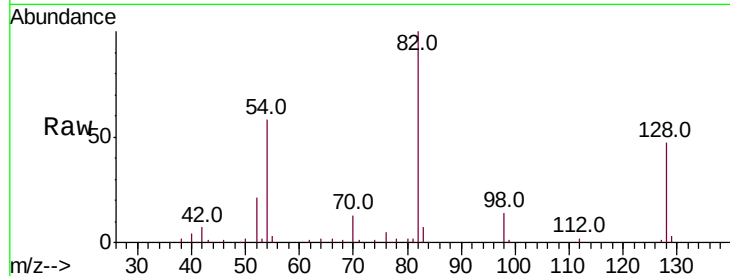




#23
 Nitrobenzene-d5
 Concen: 68.551 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG039001.D
 Acq: 8 Jan 2019 19:52

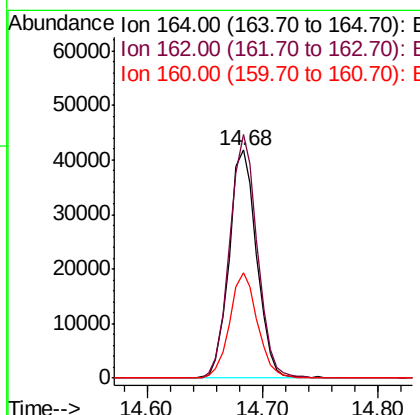
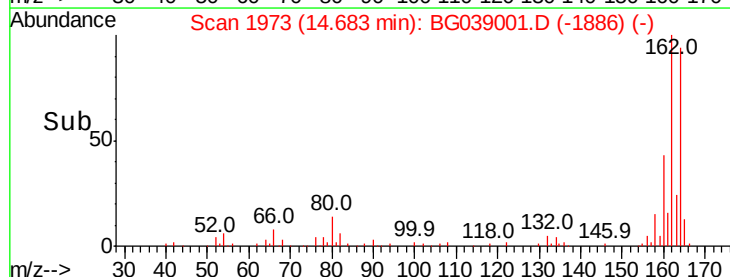
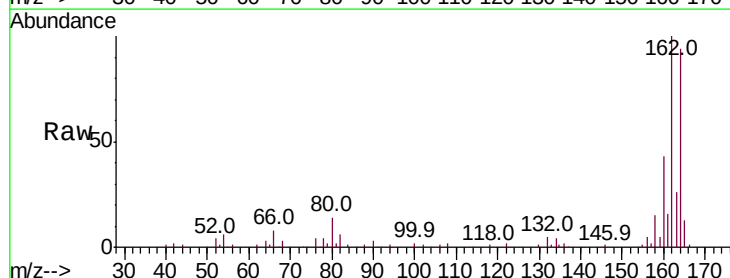
Instrument :
 BNA_G
 ClientSampled :

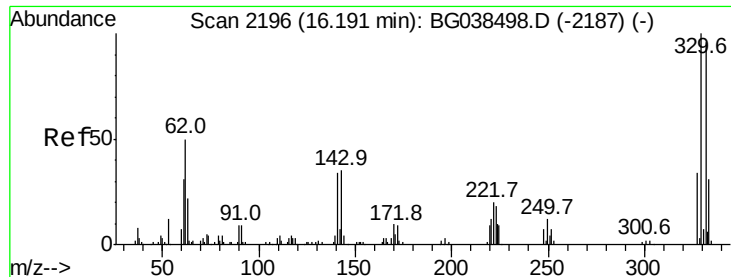
Tot Ion: 82 Resp: 125423
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.6 52.0
 54 58.0 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG039001.D
 Acq: 8 Jan 2019 19:52

Tgt Ion: 164 Resp: 69088
 Ion Ratio Lower Upper
 164 100
 162 106.8 86.6 130.0
 160 46.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 132.990 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

Instrument :

BNA_G

ClientSampled :

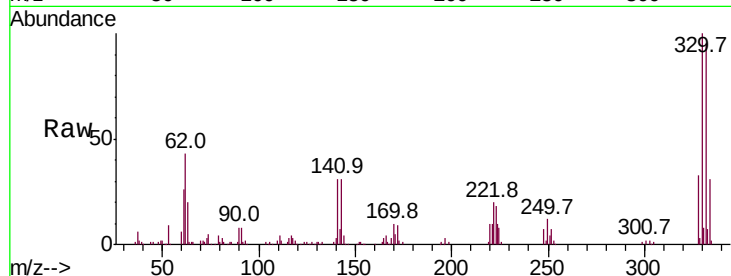
Tot Ion:330 Resp: 126627

Ion Ratio Lower Upper

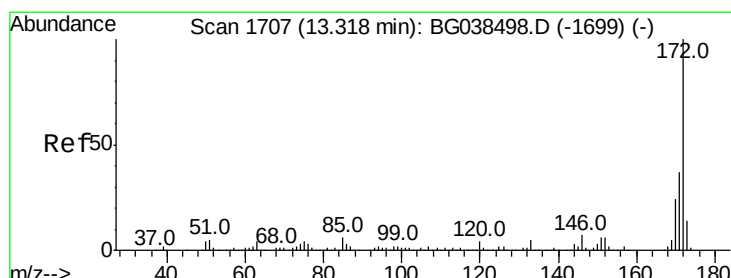
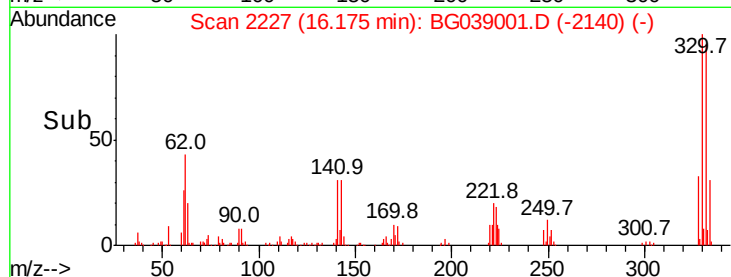
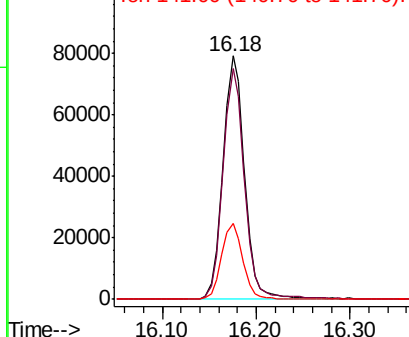
330 100

332 94.8 76.9 115.3

141 30.8 28.8 43.2



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: 70.135 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

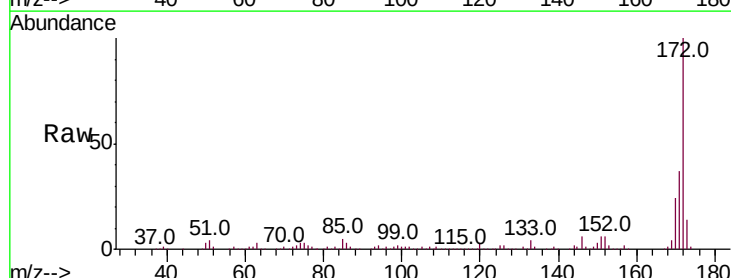
Tgt Ion:172 Resp: 353211

Ion Ratio Lower Upper

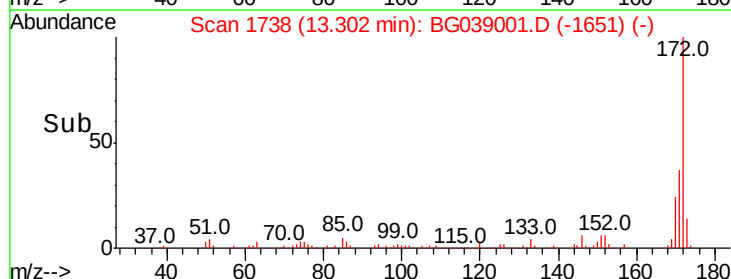
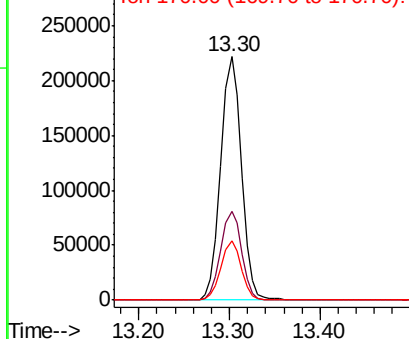
172 100

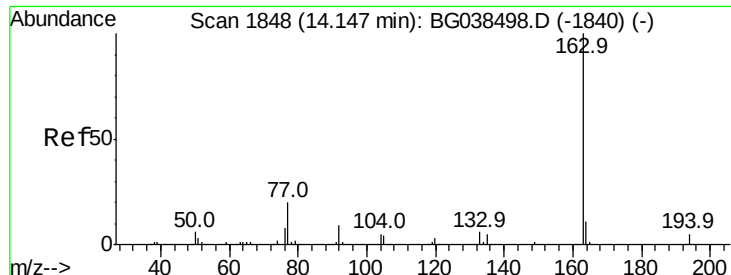
171 36.6 29.8 44.6

170 24.3 19.5 29.3



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: 7.574 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

Instrument :

BNA_G

ClientSampleId :

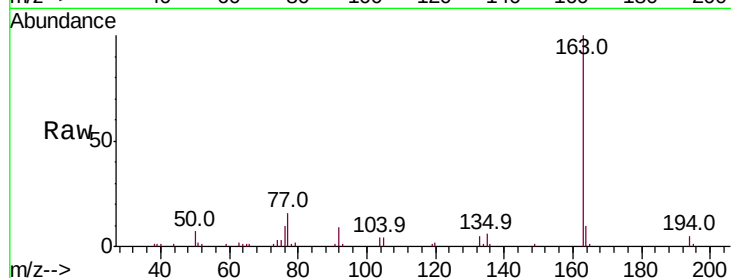
Tot Ion:163 Resp: 42733

Ion Ratio Lower Upper

163 100

194 5.4 3.7 5.5

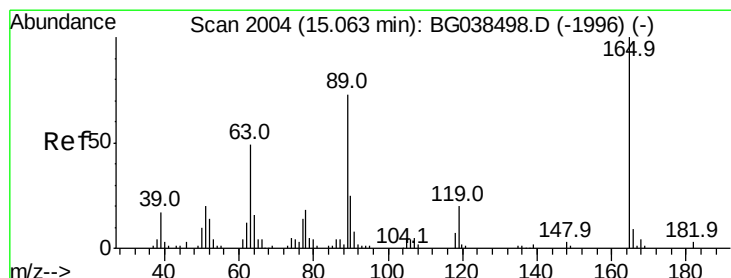
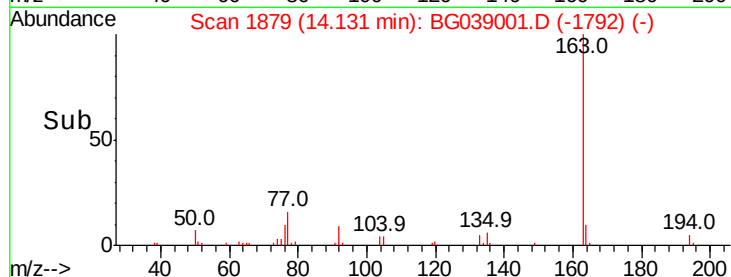
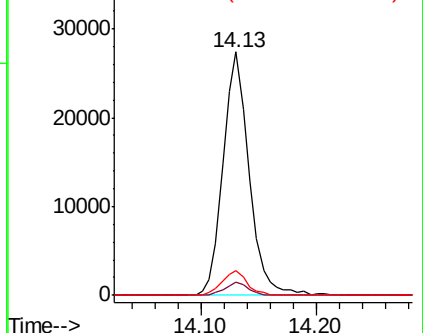
164 10.4 8.6 12.8



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



#57

2,4-Dinitrotoluene

Concen: 4.891 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.38 min

Lab File: BG039001.D

Acq: 8 Jan 2019 19:52

Tgt Ion:165 Resp: 8808

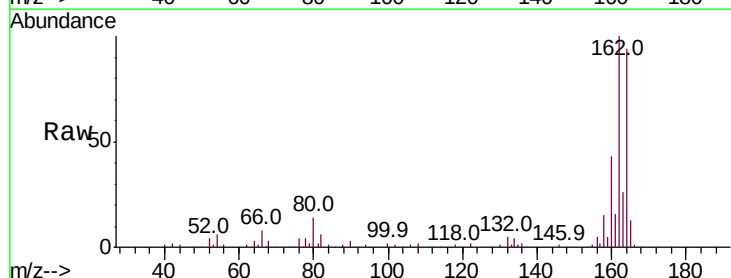
Ion Ratio Lower Upper

165 100

63 0.0 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#

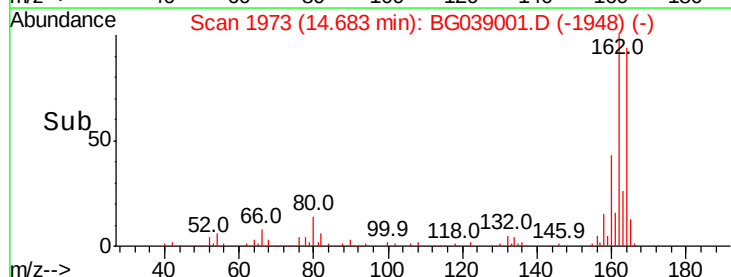
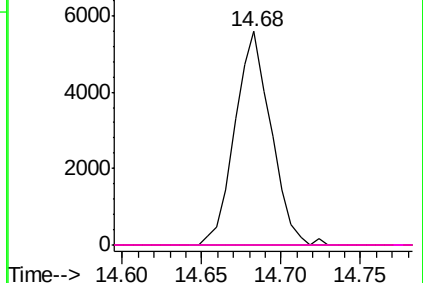


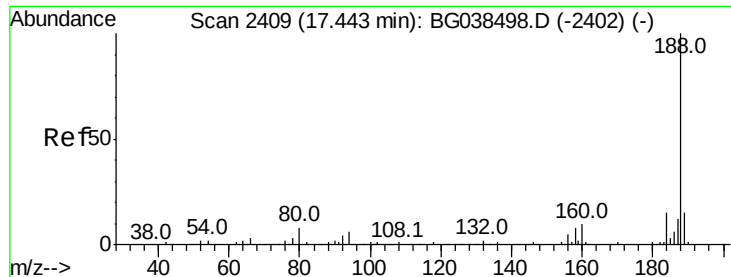
Abundance Ion 165.00 (164.70 to 165.70): E

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

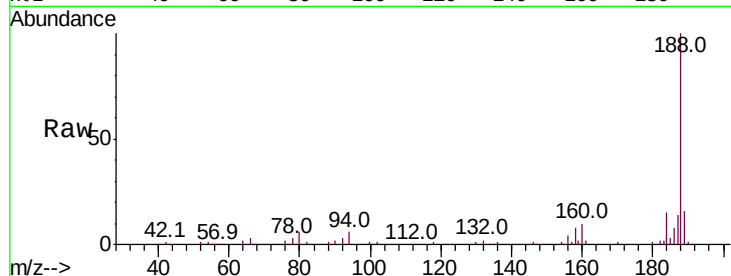




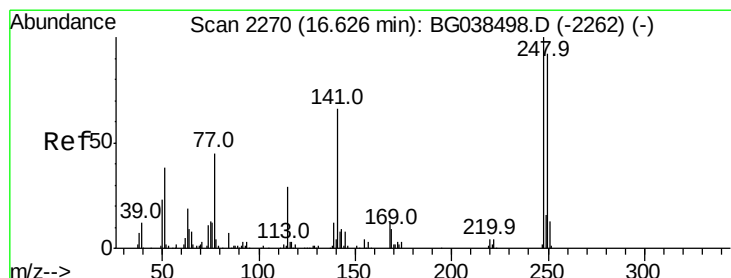
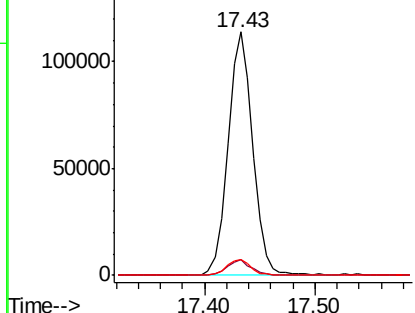
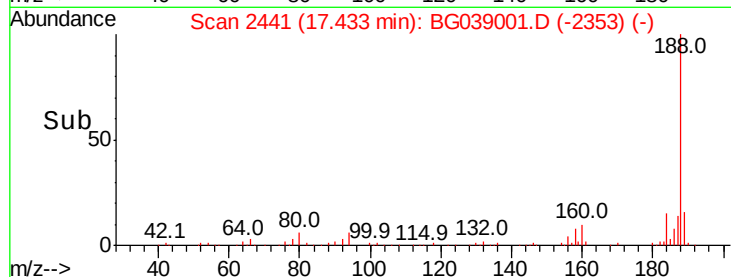
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG039001.D
Acq: 8 Jan 2019 19:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 177860
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 6.5 6.1 9.1

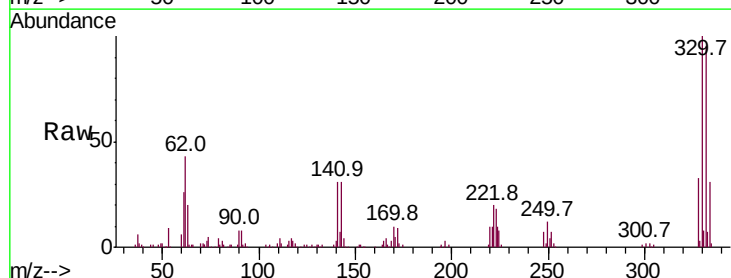


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

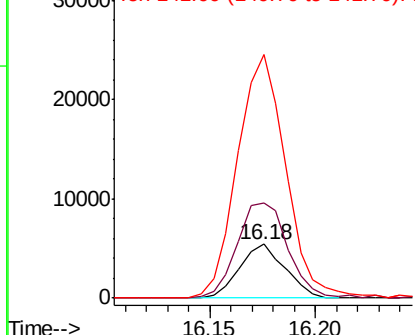
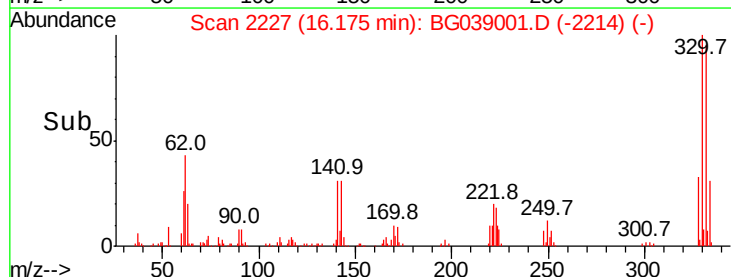


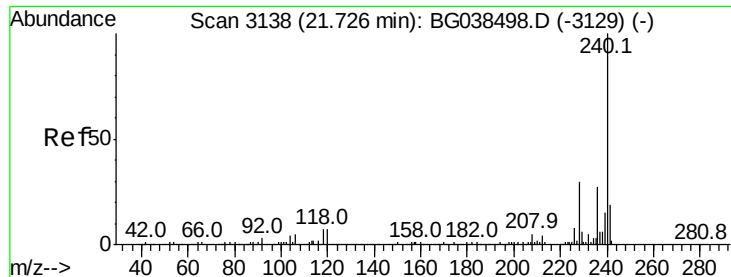
#67
4-Bromophenyl-phenylether
Concen: 3.715 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG039001.D
Acq: 8 Jan 2019 19:52

Tgt Ion:248 Resp: 8070
Ion Ratio Lower Upper
248 100
250 169.9 73.4 110.2#
141 333.1 52.9 79.3#



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

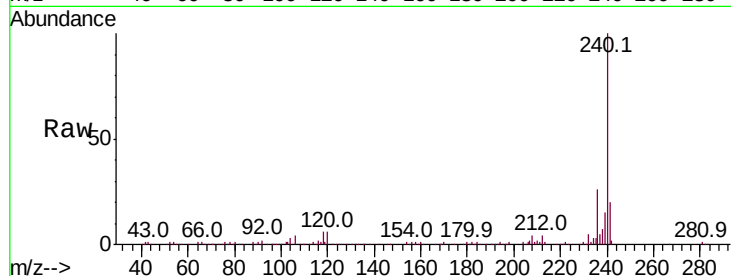




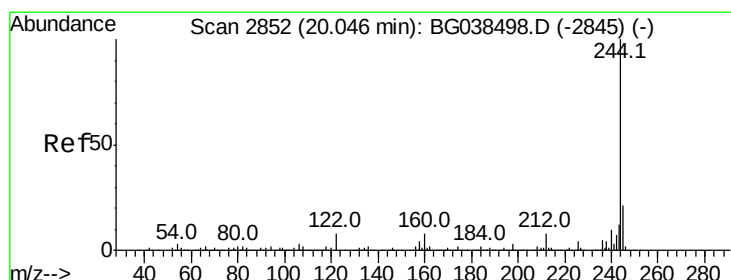
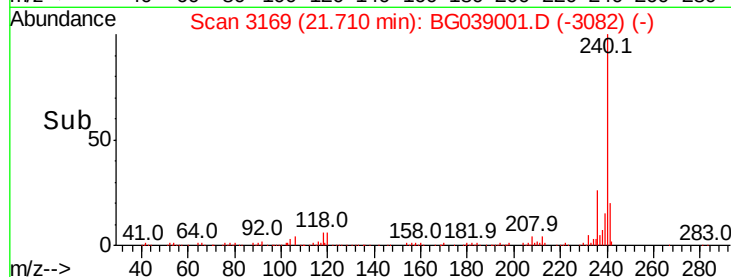
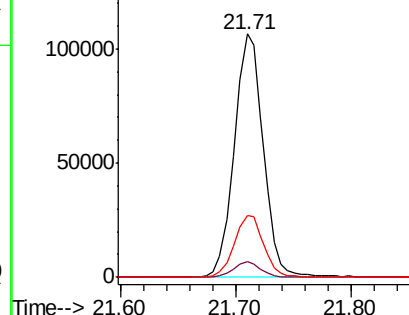
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG039001.D
 Acq: 8 Jan 2019 19:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:240 Resp: 184894
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.3 7.9
 236 25.5 21.4 32.2

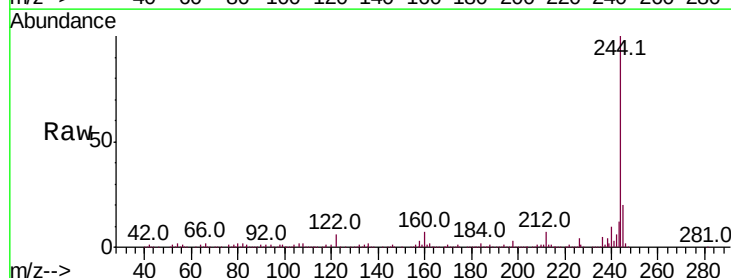


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

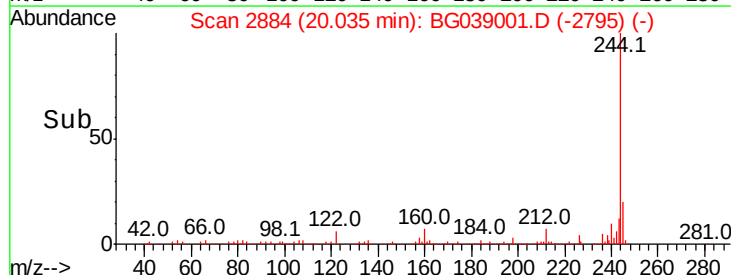
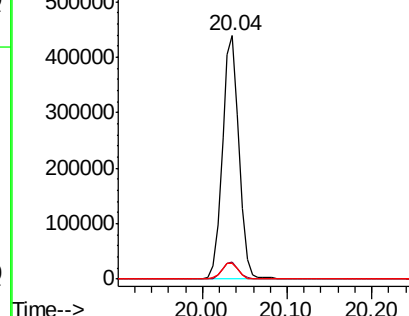


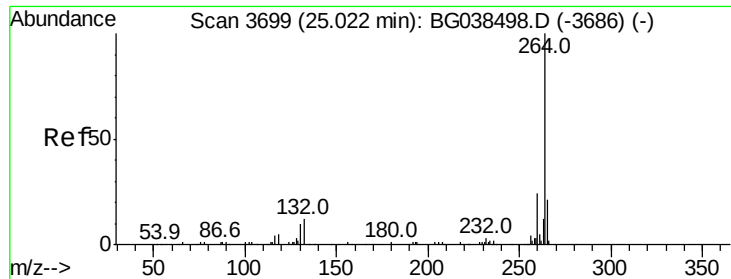
#79
 Terphenyl-d14
 Concen: 71.054 ng
 RT: 20.04 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG039001.D
 Acq: 8 Jan 2019 19:52

Tgt Ion:244 Resp: 603647
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 6.4 6.3 9.5



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
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG039001.D
Acq: 8 Jan 2019 19:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	22.0	17.0	25.4

