

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041375.D
 Acq On : 21 Jun 2019 12:47
 Operator : HP/JU
 Sample : PB120652BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BL

Quant Time: Jun 21 15:09:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

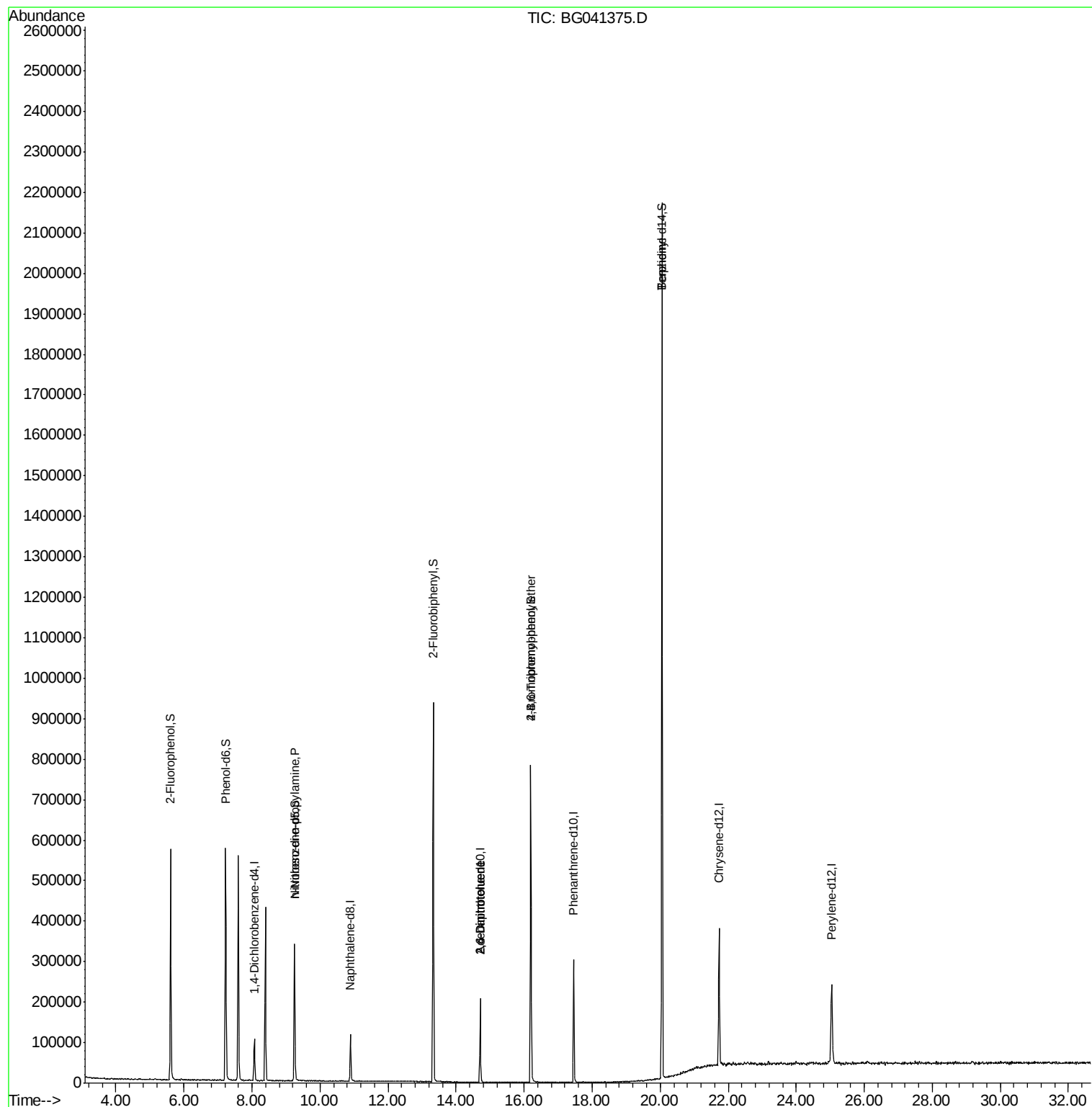
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	28901	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	104076	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	73217	20.00	ng	-0.01
64) Phenanthrene-d10	17.45	188	201485	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	214661	20.00	ng	-0.01
87) Perylene-d12	25.04	264	229635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	219278	139.41	ng	-0.01
7) Phenol-d6	7.22	99	308341	135.24	ng	-0.01
23) Nitrobenzene-d5	9.25	82	214655	86.74	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	154425	137.38	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	492884	91.50	ng	-0.01
79) Terphenyl-d14	20.05	244	1021461	94.30	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	31151	16.893	ng	# 78
51) 2,6-Dinitrotoluene	14.70	165	9581	6.975	ng	# 15
57) 2,4-Dinitrotoluene	14.70	165	9581	4.772	ng	# 18
67) 4-Bromophenyl-phenylether	16.20	248	10923	4.193	ng	# 1
77) Benzidine	20.05	184	16907	3.256	ng	# 93

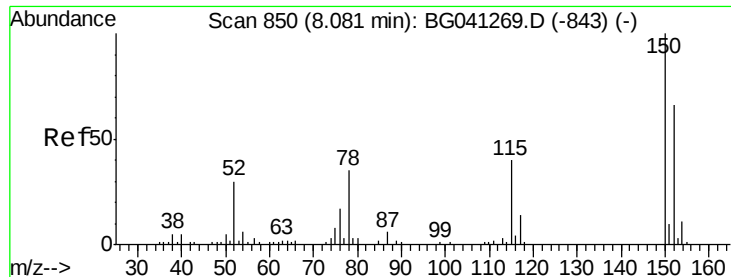
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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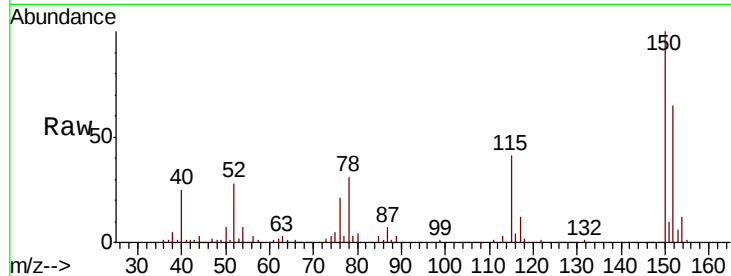


#1

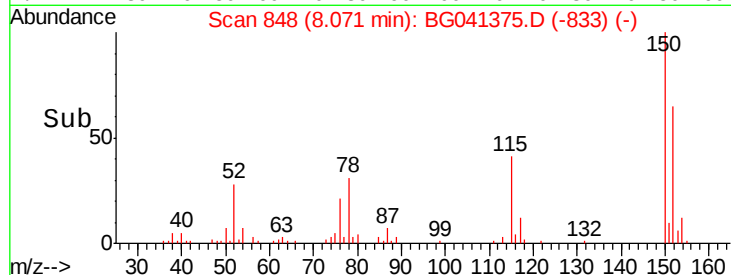
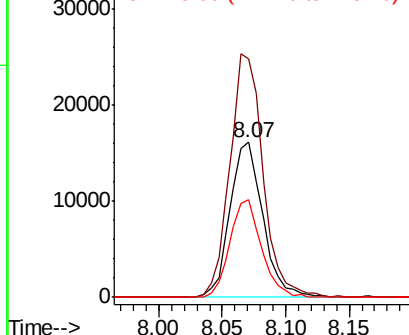
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG041375.D
Acq: 21 Jun 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB120652BL

Tot Ion:152 Resp: 28901
Ion Ratio Lower Upper
152 100
150 153.8 120.6 181.0
115 62.9 47.9 71.9



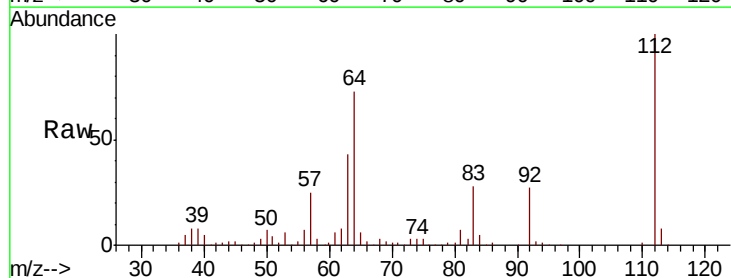
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



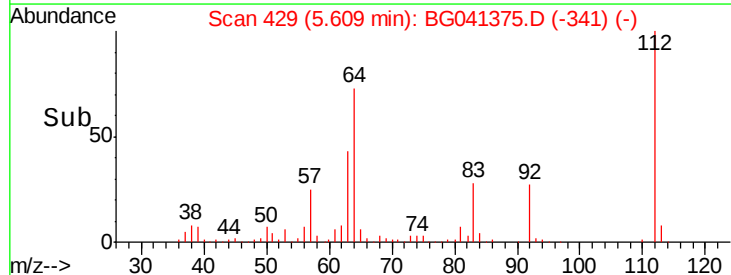
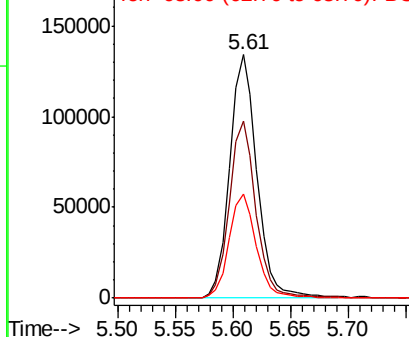
#5

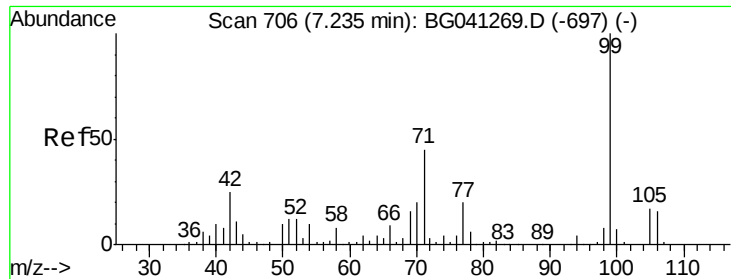
2-Fluorophenol
Concen: 139.409 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG041375.D
Acq: 21 Jun 2019 12:47

Tgt Ion:112 Resp: 219278
Ion Ratio Lower Upper
112 100
64 72.9 55.9 83.9
63 42.9 34.6 51.8



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: 135.240 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041375.D

Acq: 21 Jun 2019 12:47

Instrument :

BNA_G

ClientSampleId :

PB120652BL

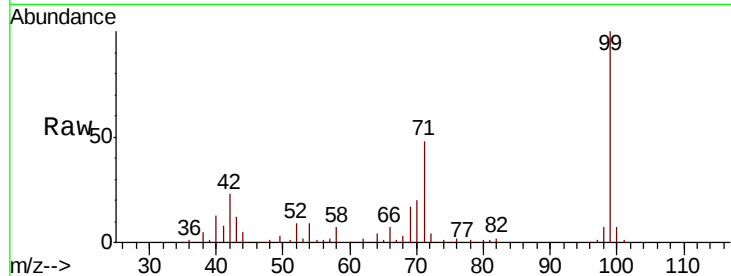
Tot Ion: 99 Resp: 308341

Ion Ratio Lower Upper

99 100

42 23.1 19.9 29.9

71 48.1 36.4 54.6

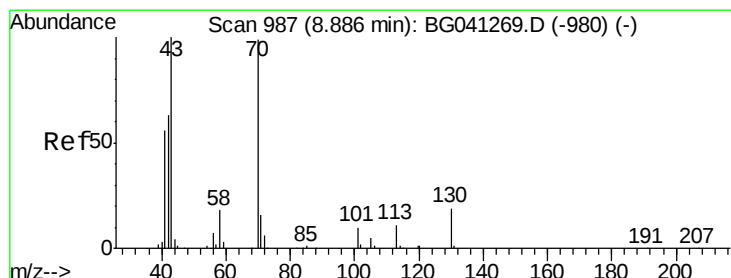
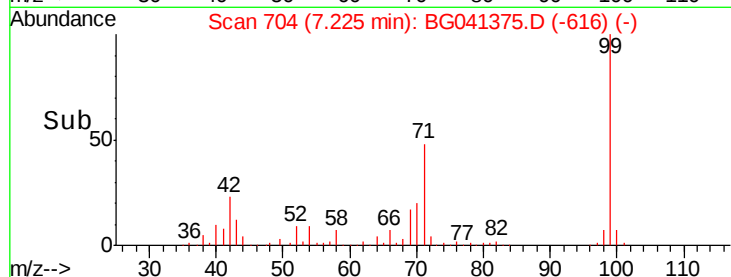
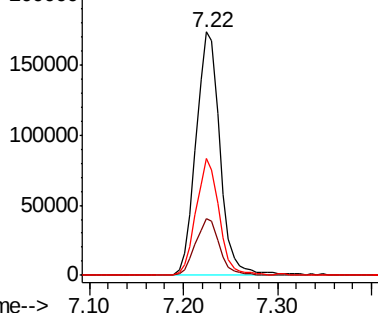


Abundance

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: 16.893 ng

RT: 9.25 min Scan# 1049

Delta R.T. 0.37 min

Lab File: BG041375.D

Acq: 21 Jun 2019 12:47

Tgt Ion: 70 Resp: 31151

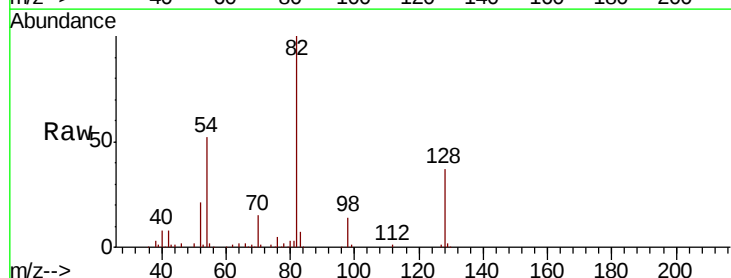
Ion Ratio Lower Upper

70 100

42 50.8 51.4 77.2#

101 0.0 8.2 12.2#

130 2.5 15.2 22.8#



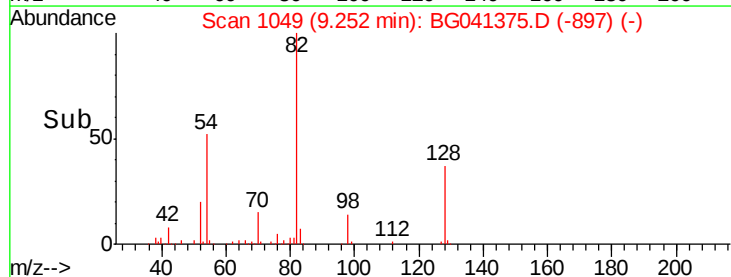
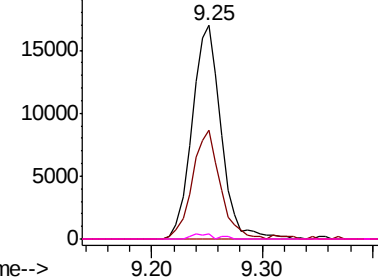
Abundance

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

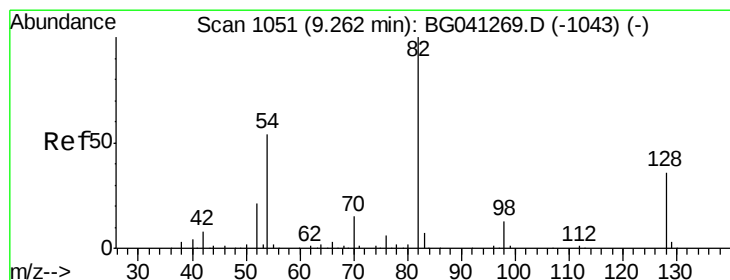
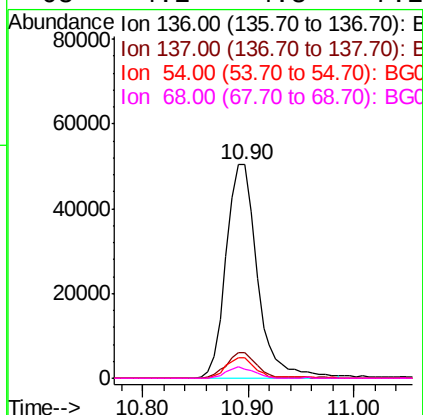
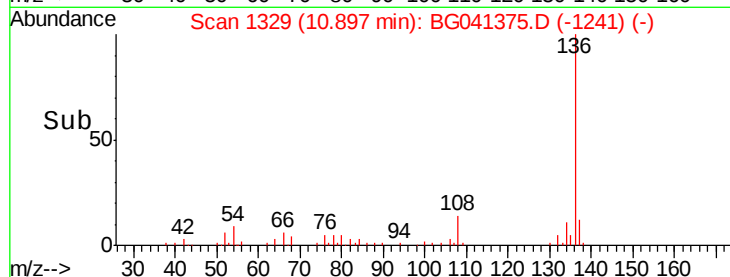
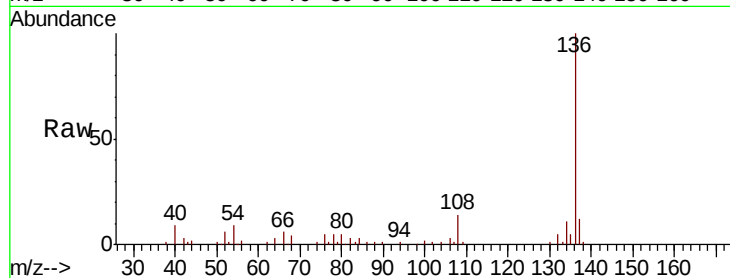




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041375.D
Acq: 21 Jun 2019 12:47

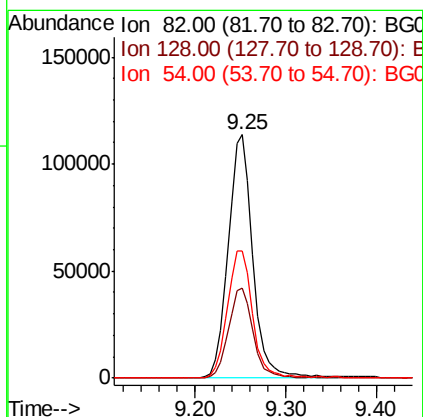
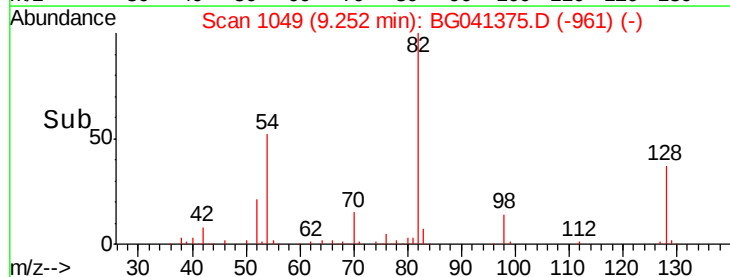
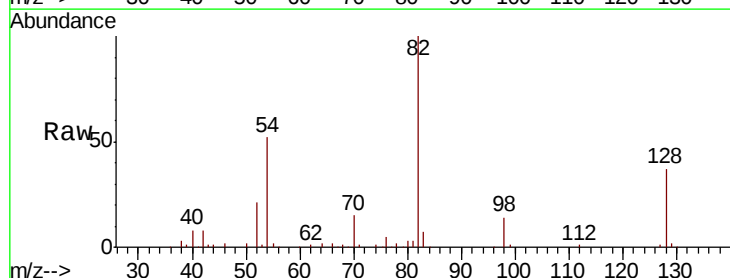
Instrument :
BNA_G
ClientSampleId :
PB120652BL

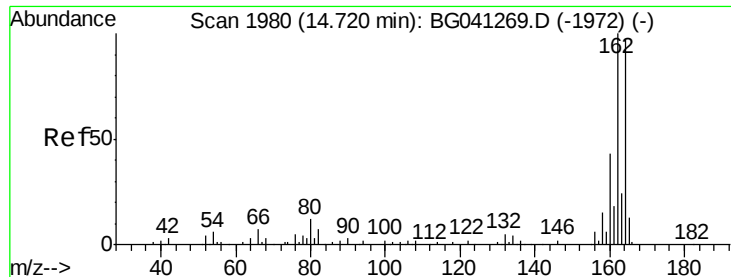
Tot Ion:136	Resp:	104076
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.8 13.2
54	9.8	6.4 9.6#
68	4.2	4.8 7.2#



#23
Nitrobenzene-d5
Concen: 86.740 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041375.D
Acq: 21 Jun 2019 12:47

Tgt Ion: 82	Resp:	214655
Ion Ratio	Lower	Upper
82	100	
128	37.1	29.2 43.8
54	52.3	43.4 65.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG041375.D

Acq: 21 Jun 2019 12:47

Instrument :

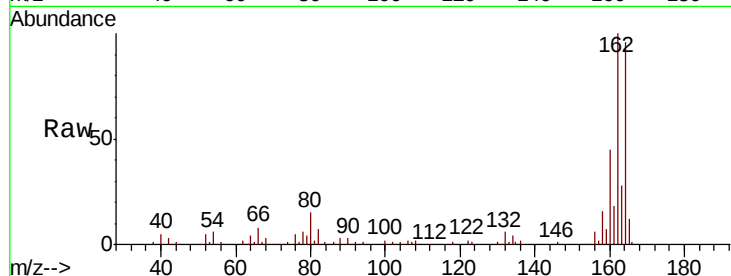
BNA_G

ClientSampleId :

PB120652BL

Tot Ion:164 Resp: 73217

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.8	124.2
160	47.1	35.8	53.8

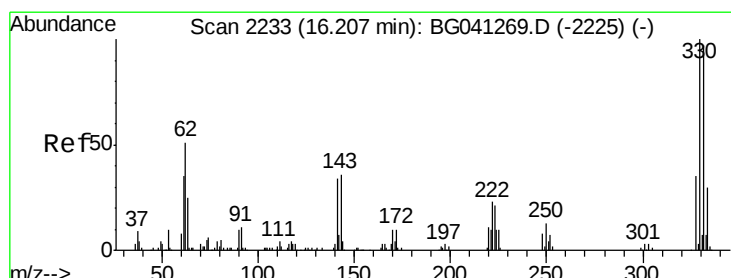
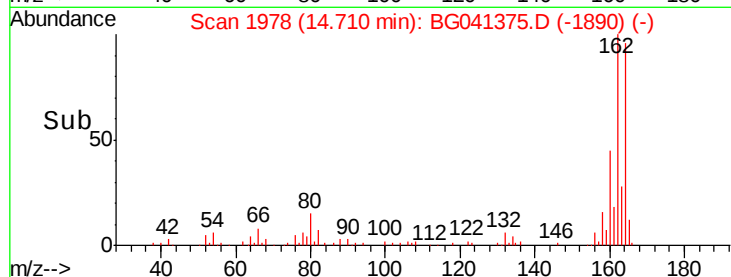
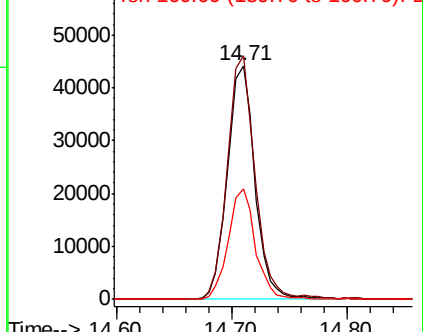


Abundance

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: 137.384 ng

RT: 16.20 min Scan# 2231

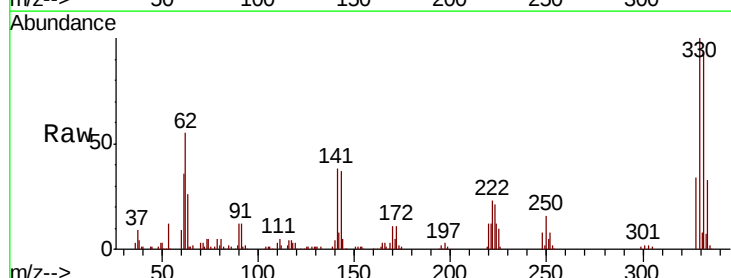
Delta R.T. -0.01 min

Lab File: BG041375.D

Acq: 21 Jun 2019 12:47

Tgt Ion:330 Resp: 154425

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.5	113.3
141	35.4	29.0	43.4

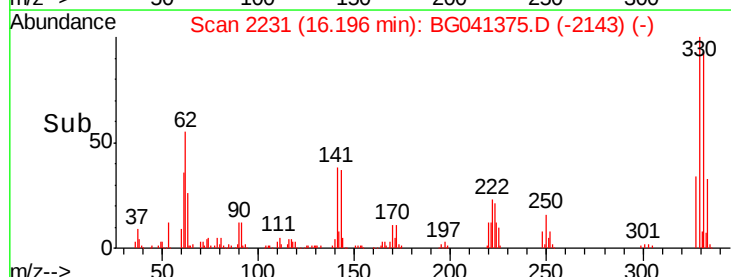
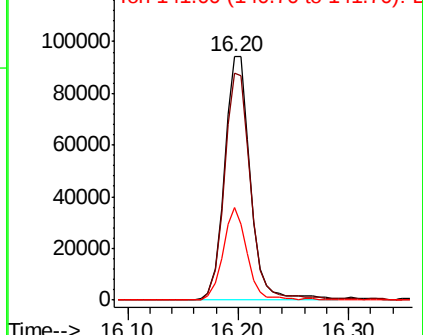


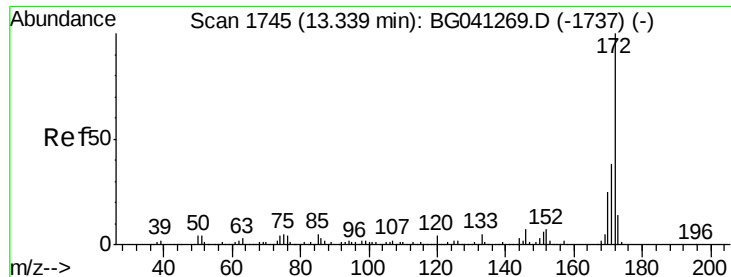
Abundance

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

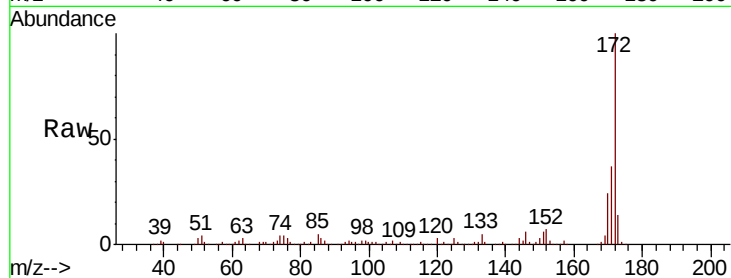




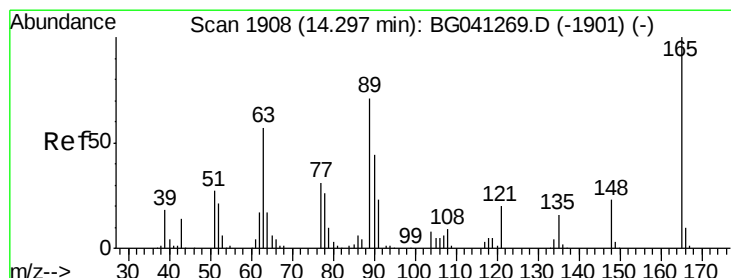
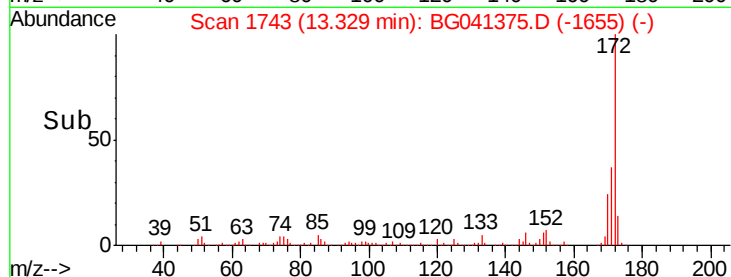
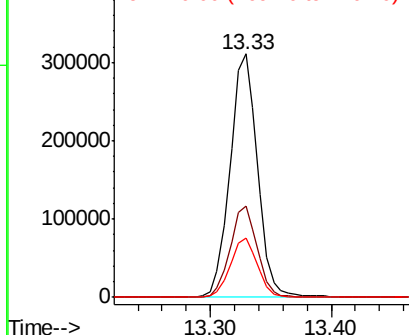
#45
2-Fluorobiphenyl
Concen: 91.496 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG041375.D
Acq: 21 Jun 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB120652BL

Tot Ion:172 Resp: 492884
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 24.3 19.8 29.6

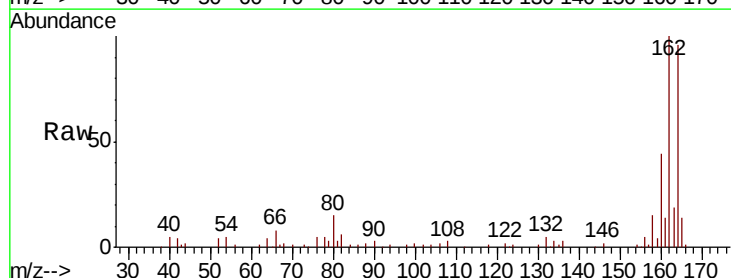


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

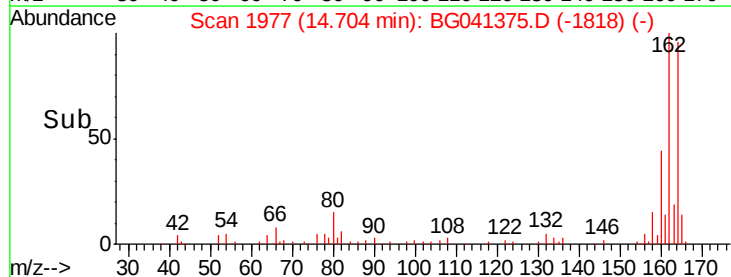
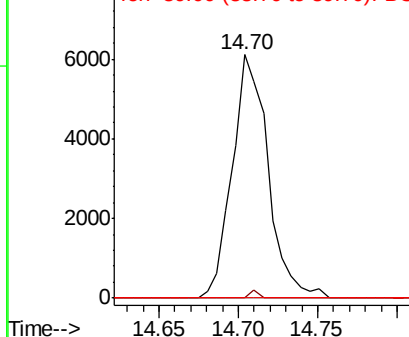


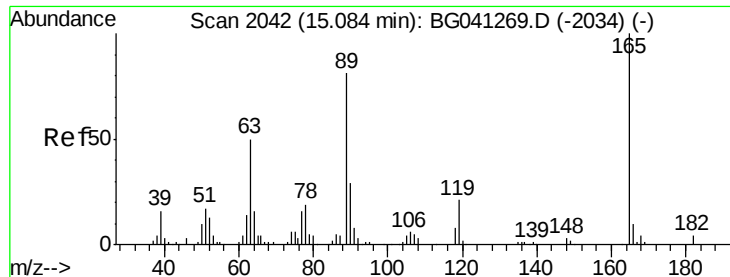
#51
2,6-Dinitrotoluene
Concen: 6.975 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.41 min
Lab File: BG041375.D
Acq: 21 Jun 2019 12:47

Tgt Ion:165 Resp: 9581
Ion Ratio Lower Upper
165 100
63 0.0 55.4 83.0#
89 0.0 56.5 84.7#



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

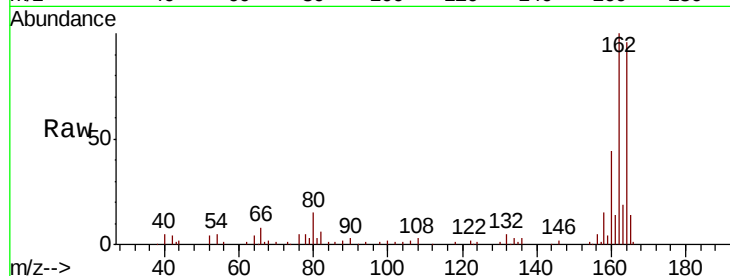




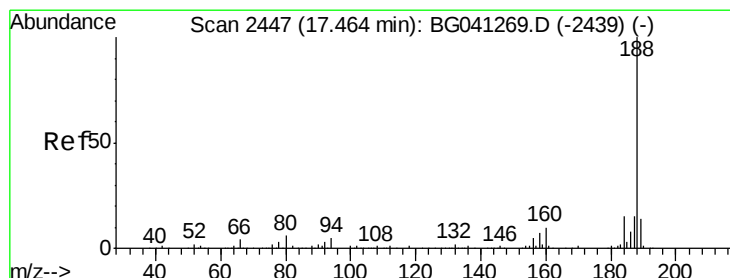
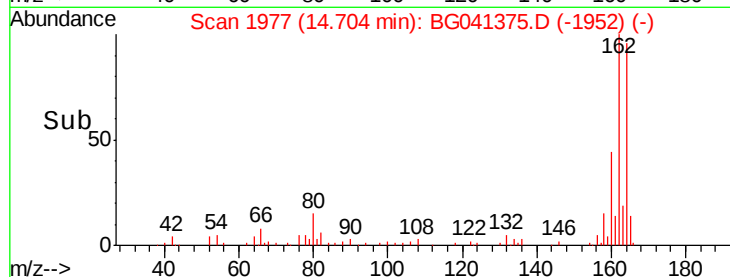
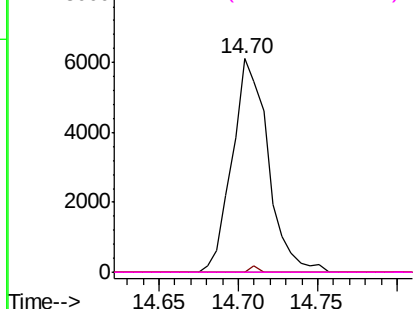
#57
 2,4-Dinitrotoluene
 Concen: 4.772 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.38 min
 Lab File: BG041375.D
 Acq: 21 Jun 2019 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BL

Tot Ion:	165	Resp:	9581
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	0.0	64.6	96.8#
182	0.0	2.9	4.3#

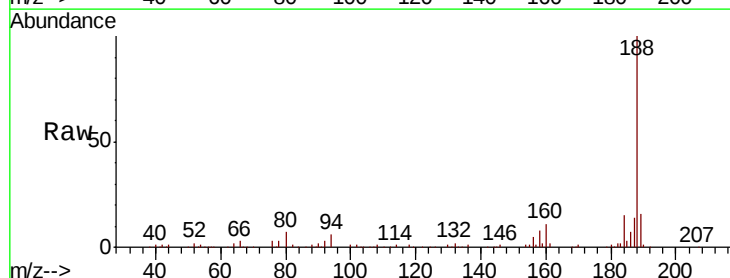


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

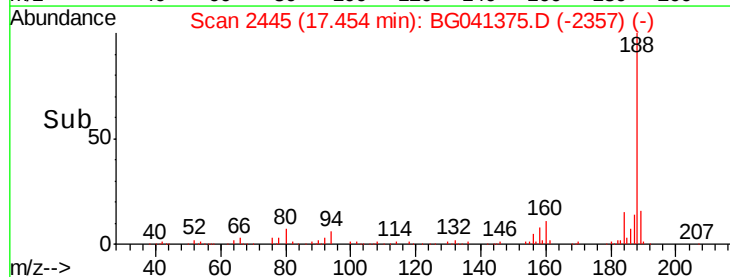
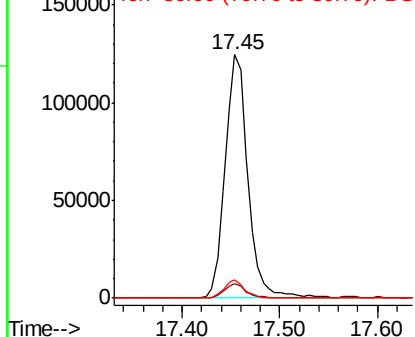


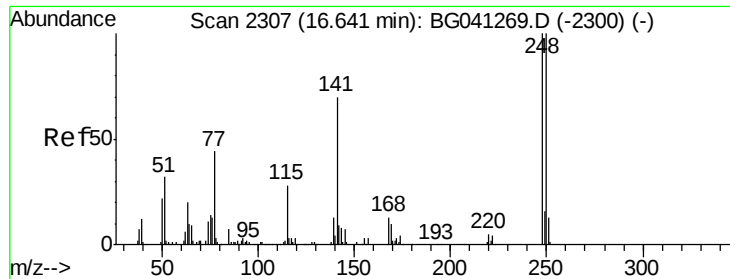
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG041375.D
 Acq: 21 Jun 2019 12:47

Tgt Ion:	188	Resp:	201485
Ion	Ratio	Lower	Upper
188	100		
94	6.1	3.6	5.4#
80	7.3	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

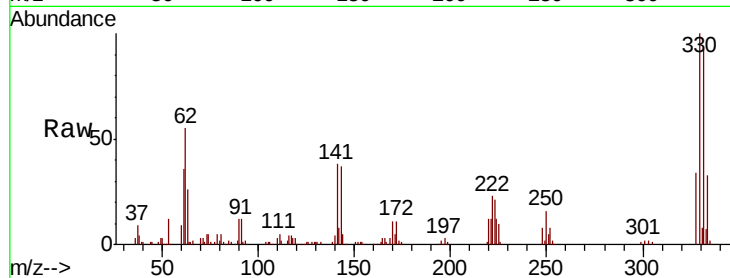




#67
 4-Bromophenyl-phenylether
 Concen: 4.193 ng
 RT: 16.20 min Scan# 2231
 Delta R.T. -0.45 min
 Lab File: BG041375.D
 Acq: 21 Jun 2019 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BL

Tot Ion	Ratio	Lower	Upper
248	100		
250	202.7	79.8	119.8#
141	494.2	55.8	83.6#

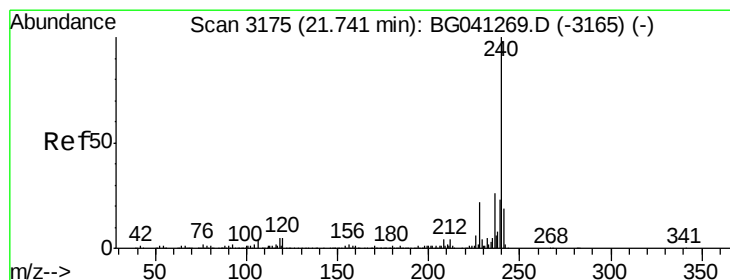
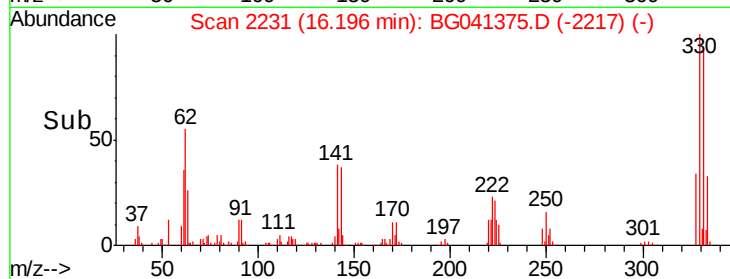
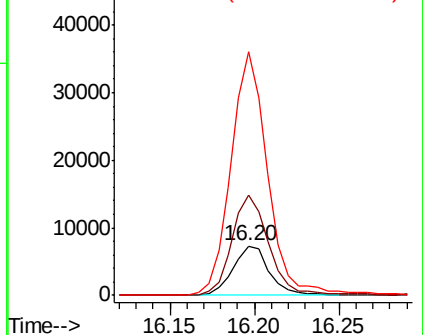


Abundance

Ion 248.00 (247.70 to 248.70): E

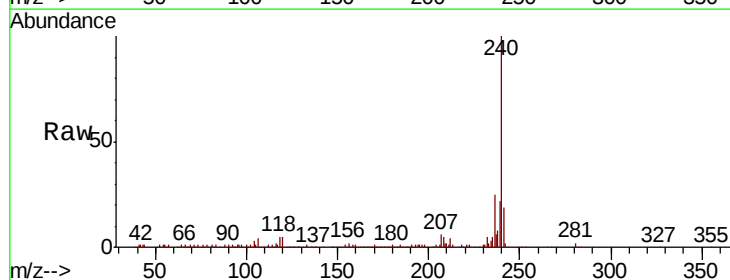
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG041375.D
 Acq: 21 Jun 2019 12:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.7	5.5
236	25.4	21.1	31.7

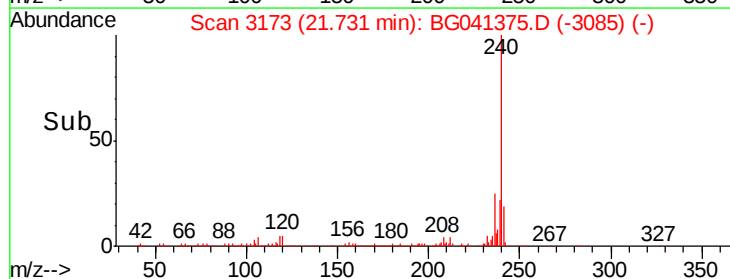
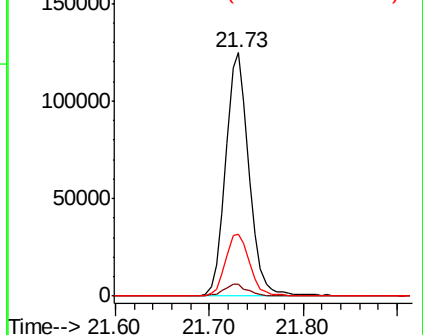


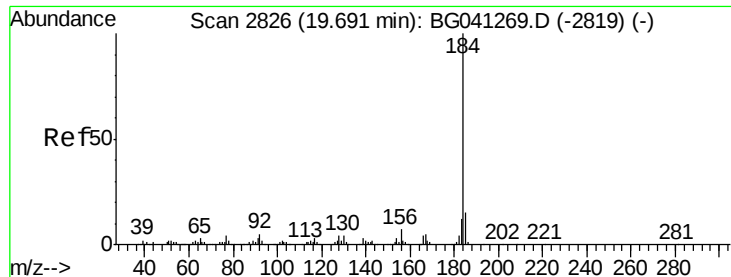
Abundance

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





#77

Benzidine

Concen: 3.256 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.36 min

Lab File: BG041375.D

Acq: 21 Jun 2019 12:47

Instrument :

BNA_G

ClientSampleId :

PB120652BL

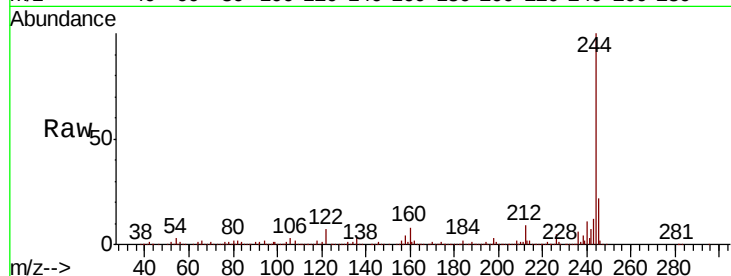
Tot Ion:184 Resp: 16907

Ion Ratio Lower Upper

184 100

185 17.6 12.2 18.2

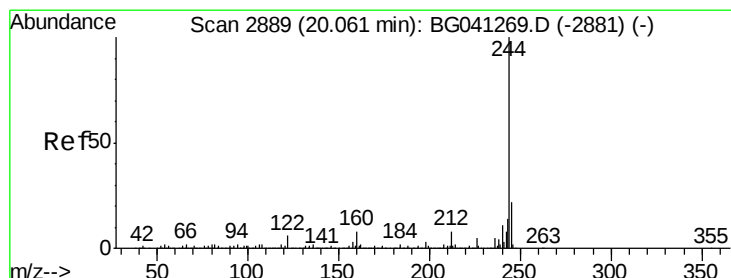
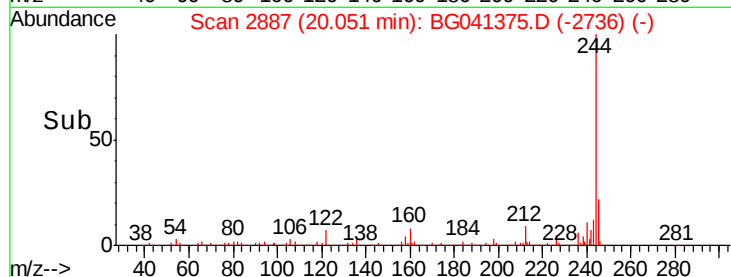
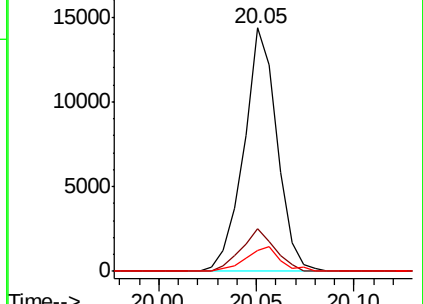
183 8.3 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 94.303 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG041375.D

Acq: 21 Jun 2019 12:47

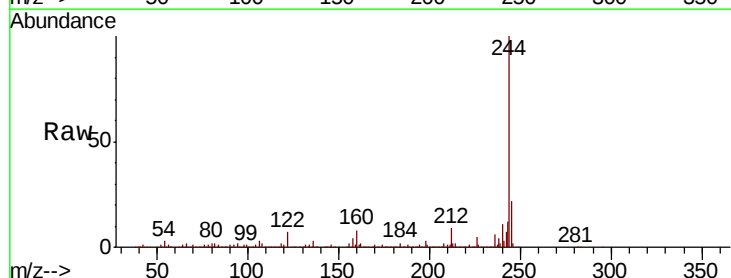
Tgt Ion:244 Resp: 1021461

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

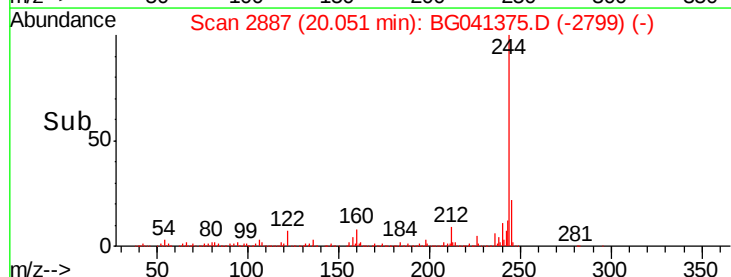
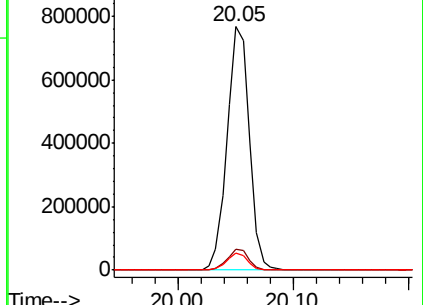
122 7.1 5.0 7.4

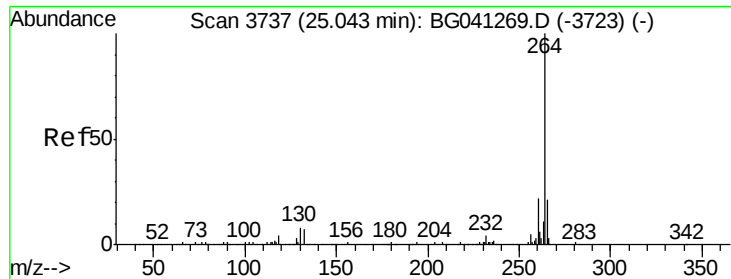


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BG041375.D
Acq: 21 Jun 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB120652BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.2
265	20.8	17.2	25.8

