

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041324.D
 Acq On : 19 Jun 2019 12:31
 Operator : HP/JU
 Sample : PB120669TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 13:47:36 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

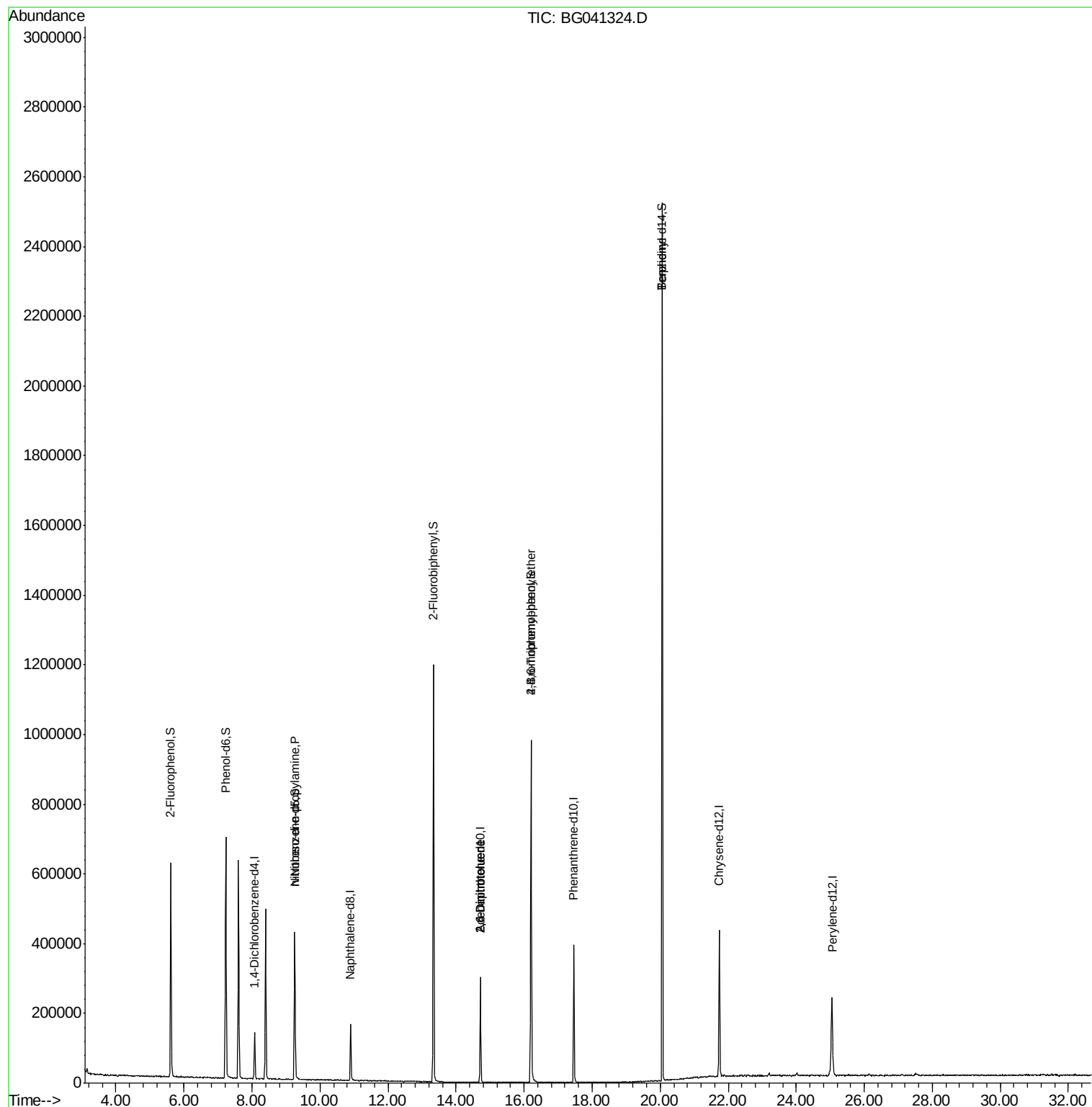
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33729	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	137804	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	103795	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	255603	20.00	ng	0.00
76) Chrysene-d12	21.74	240	262272	20.00	ng	0.00
87) Perylene-d12	25.04	264	276193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	234838	127.93	ng	0.00
7) Phenol-d6	7.23	99	351135	131.96	ng	0.00
23) Nitrobenzene-d5	9.26	82	254530	77.68	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	193274	121.29	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	608882	79.73	ng	0.00
79) Terphenyl-d14	20.06	244	1158559	87.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	37559	17.453	ng	# 81
51) 2,6-Dinitrotoluene	14.72	165	13351	6.856	ng	# 16
57) 2,4-Dinitrotoluene	14.72	165	13351	4.690	ng	# 19
67) 4-Bromophenyl-phenylether	16.20	248	13630	4.124	ng	# 1
77) Benzidine	20.06	184	19634	3.095	ng	# 92

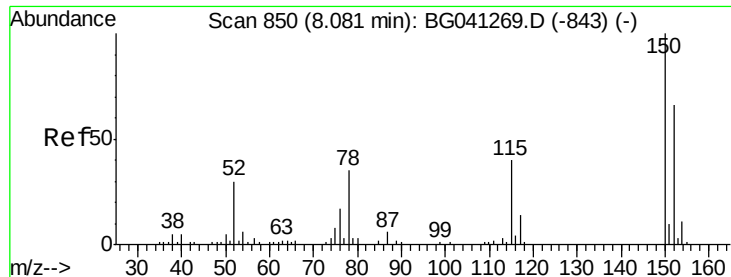
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041324.D
Acq On : 19 Jun 2019 12:31
Operator : HP/JU
Sample : PB120669TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 19 13:47:36 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



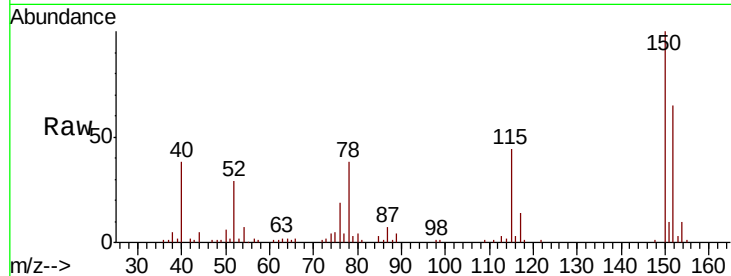


#1

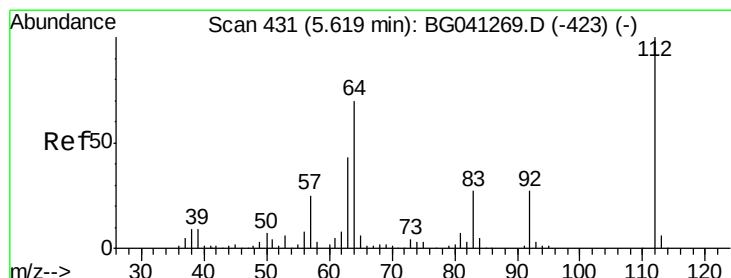
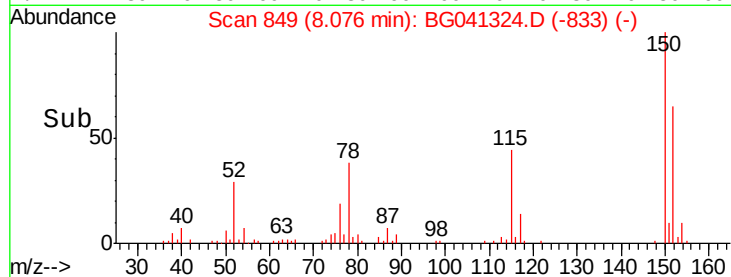
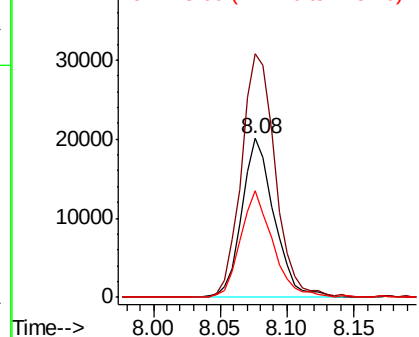
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041324.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33729
Ion Ratio Lower Upper
152 100
150 153.2 120.6 181.0
115 67.0 47.9 71.9



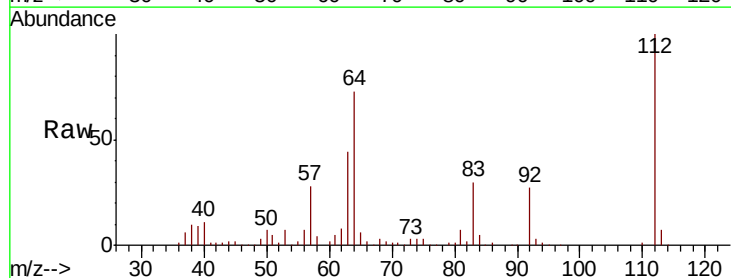
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



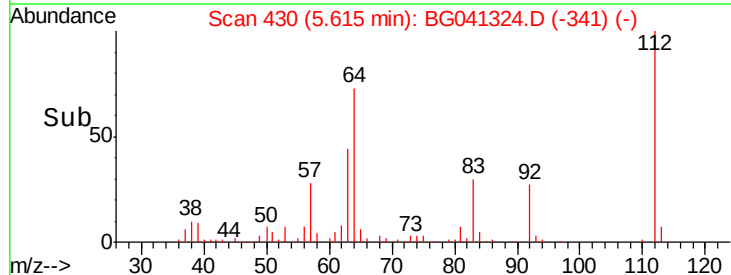
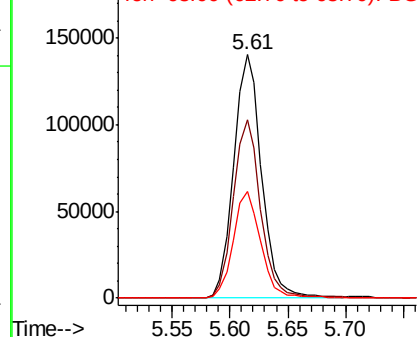
#5

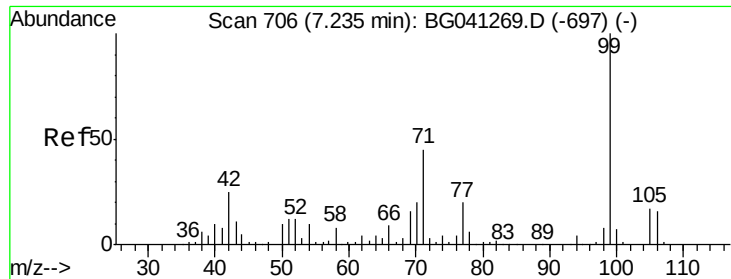
2-Fluorophenol
Concen: 127.930 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG041324.D
Acq: 19 Jun 2019 12:31

Tgt Ion:112 Resp: 234838
Ion Ratio Lower Upper
112 100
64 73.5 55.9 83.9
63 43.5 34.6 51.8



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: 131.964 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

Instrument :

BNA_G

ClientSampled :

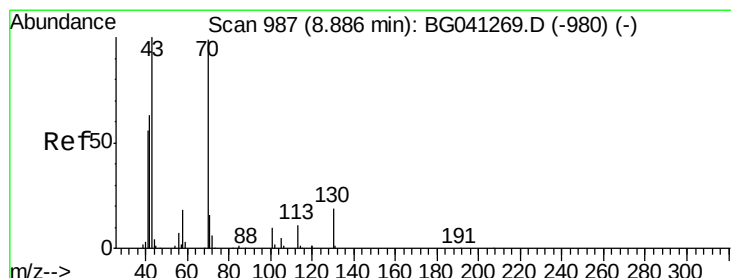
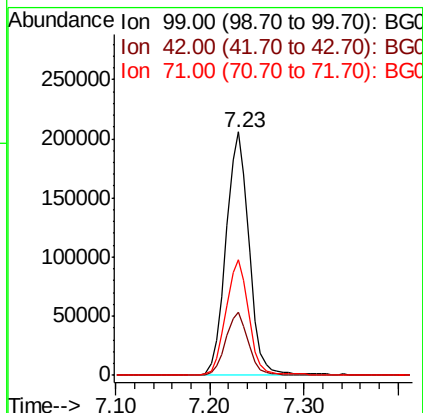
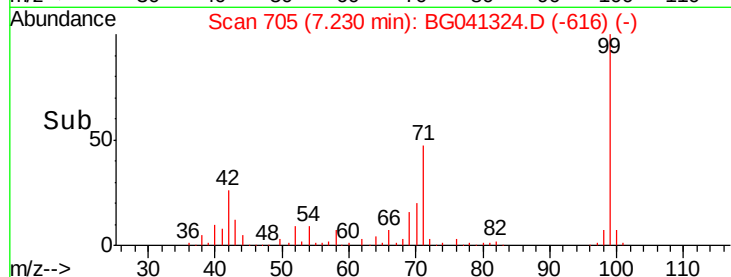
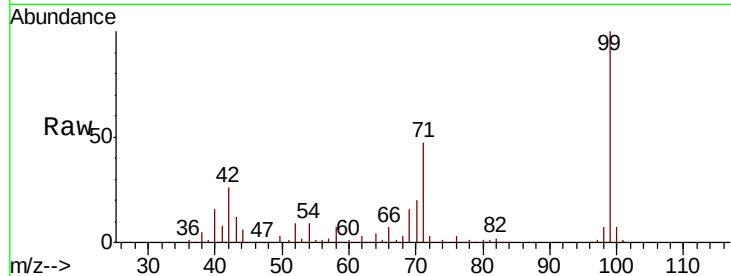
Tot Ion: 99 Resp: 351135

Ion Ratio Lower Upper

99 100

42 26.1 19.9 29.9

71 47.3 36.4 54.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.453 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.37 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

Tgt Ion: 70 Resp: 37559

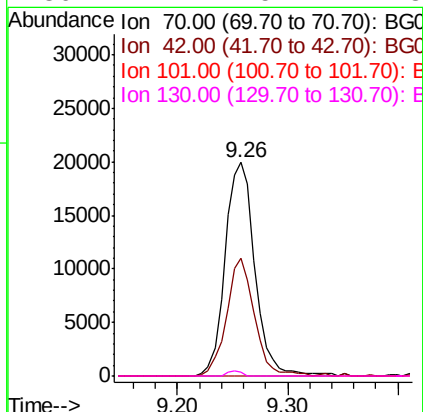
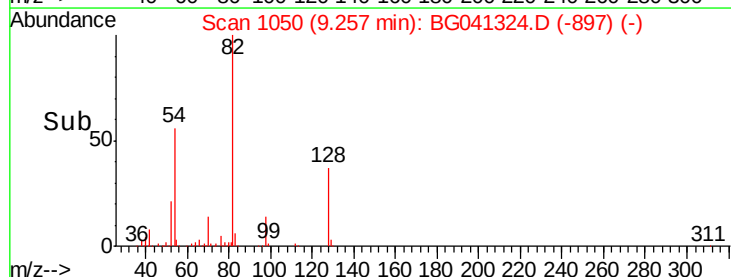
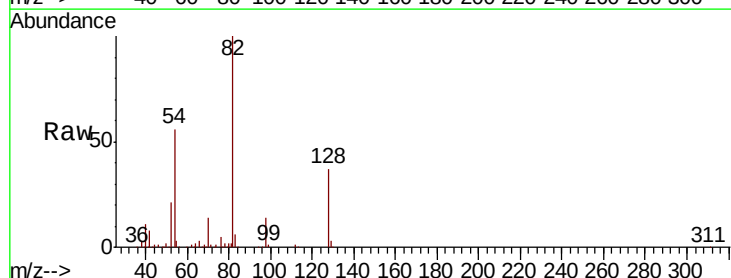
Ion Ratio Lower Upper

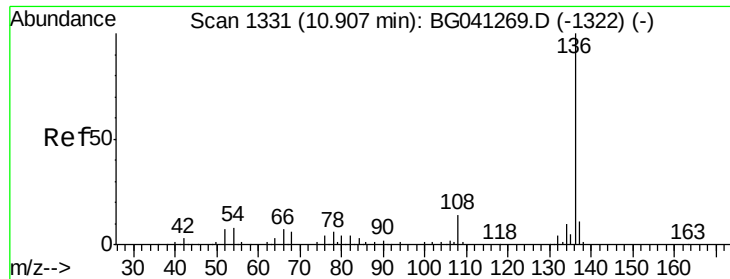
70 100

42 55.2 51.4 77.2

101 0.0 8.2 12.2#

130 1.7 15.2 22.8#

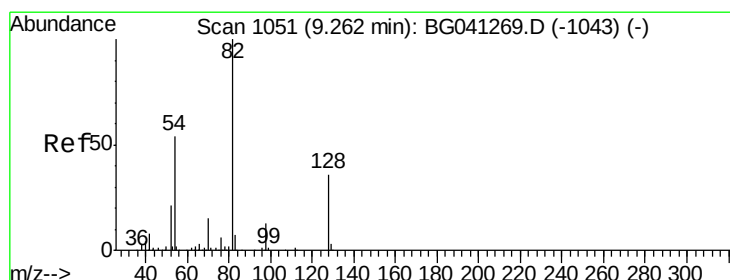
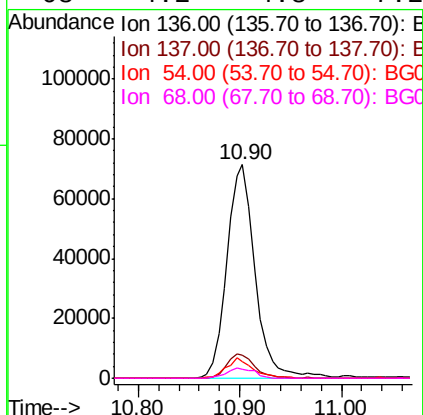
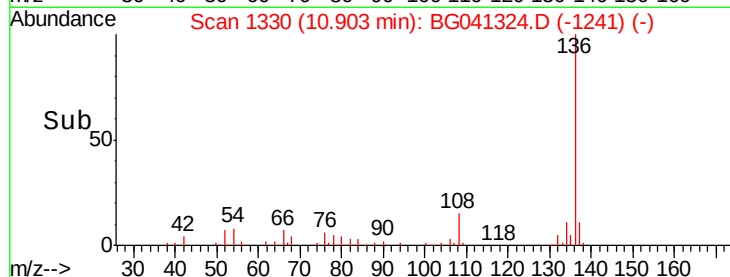
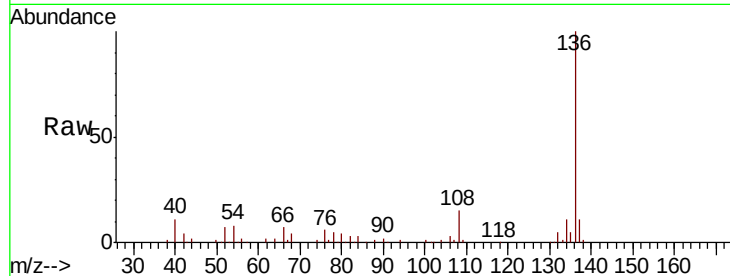




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041324.D
Acq: 19 Jun 2019 12:31

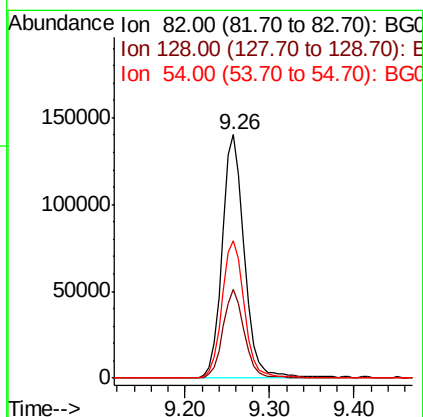
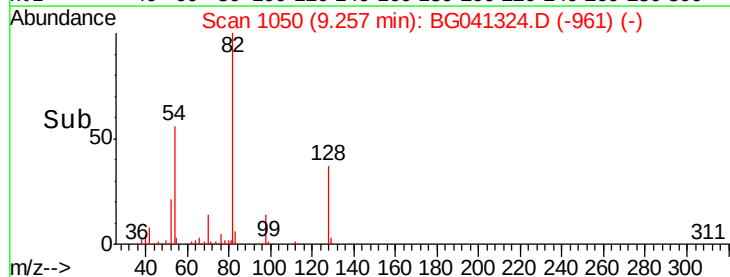
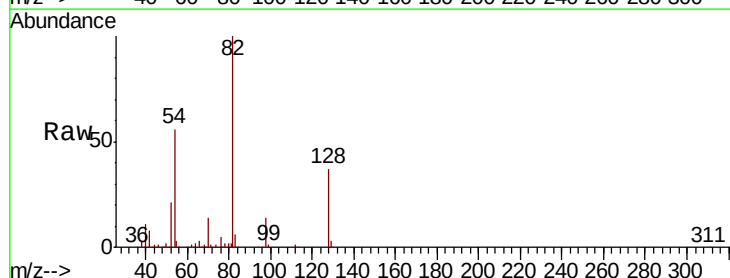
Instrument :
BNA_G
ClientSampleId :

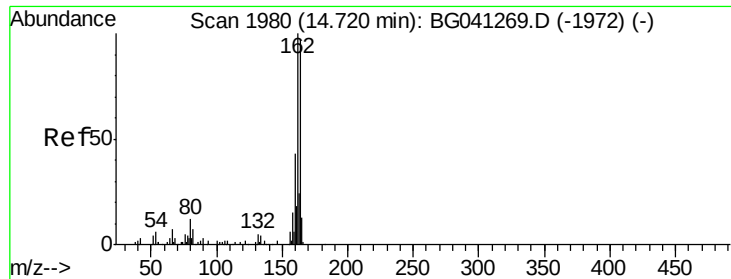
Tot Ion:136	Resp:	137804
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.0	6.4 9.6
68	4.2	4.8 7.2#



#23
Nitrobenzene-d5
Concen: 77.680 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041324.D
Acq: 19 Jun 2019 12:31

Tgt Ion: 82	Resp:	254530
Ion Ratio	Lower	Upper
82	100	
128	36.7	29.2 43.8
54	56.3	43.4 65.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

Instrument :

BNA_G

ClientSampleId :

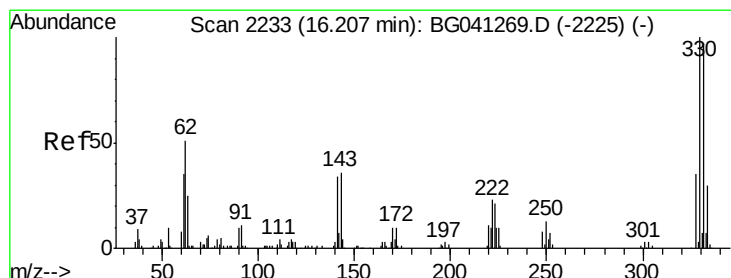
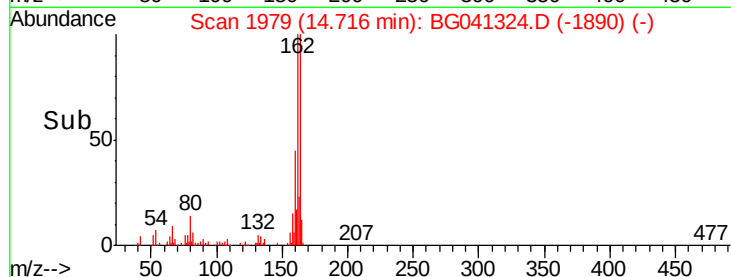
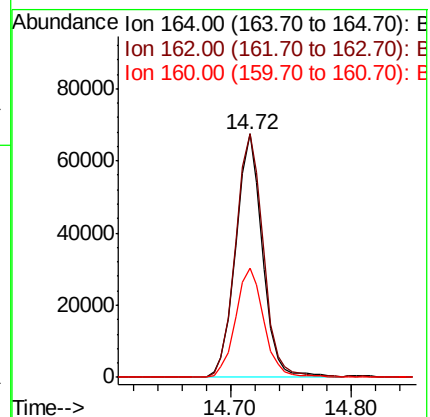
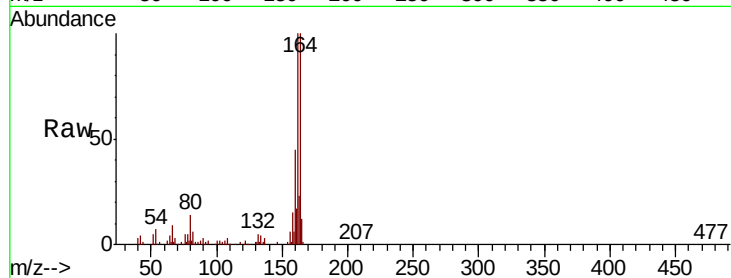
Tot Ion:164 Resp: 103795

Ion Ratio Lower Upper

164 100

162 100.1 82.8 124.2

160 45.1 35.8 53.8



#42

2,4,6-Tribromophenol

Concen: 121.290 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

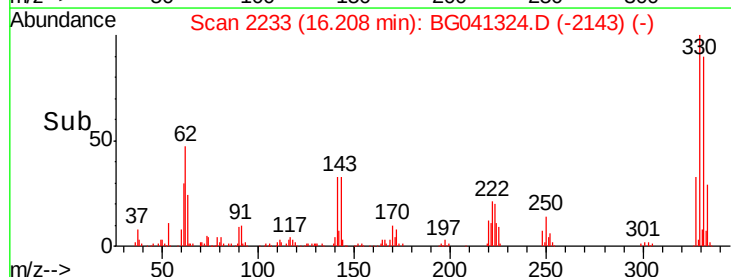
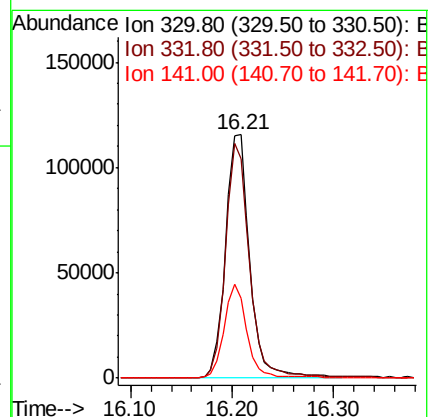
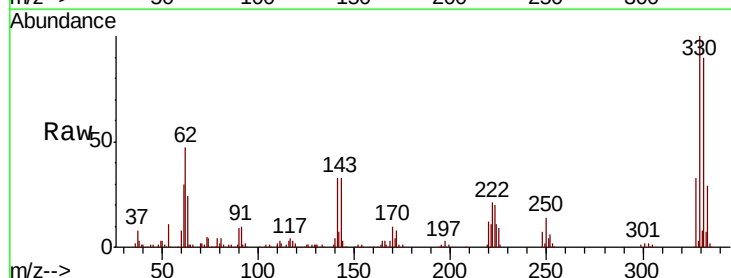
Tgt Ion:330 Resp: 193274

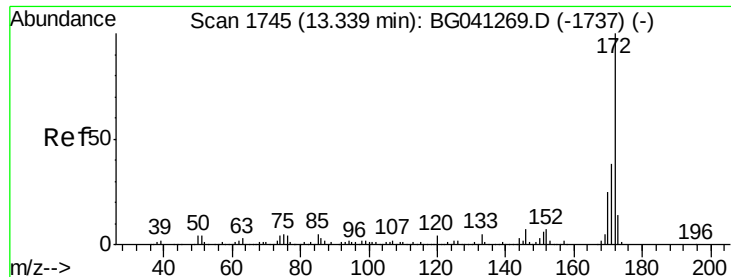
Ion Ratio Lower Upper

330 100

332 95.9 75.5 113.3

141 36.6 29.0 43.4

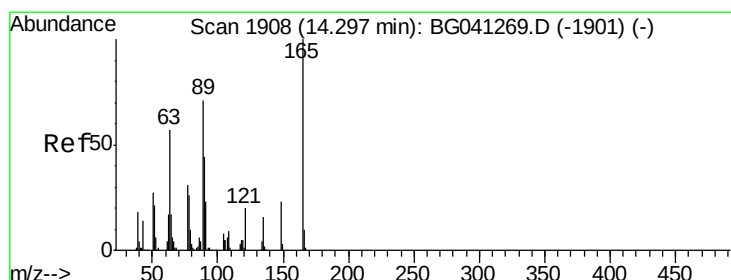
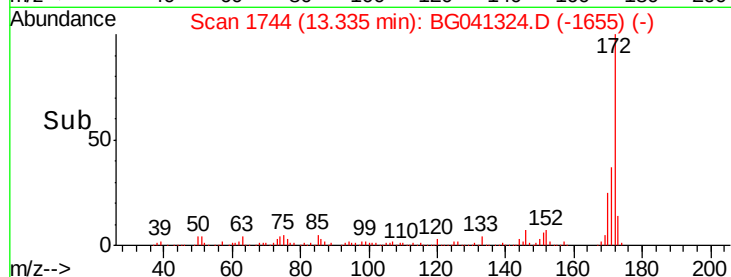
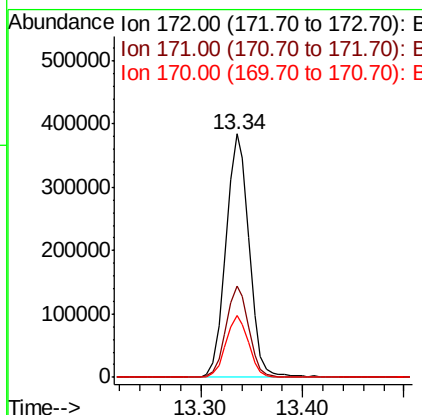
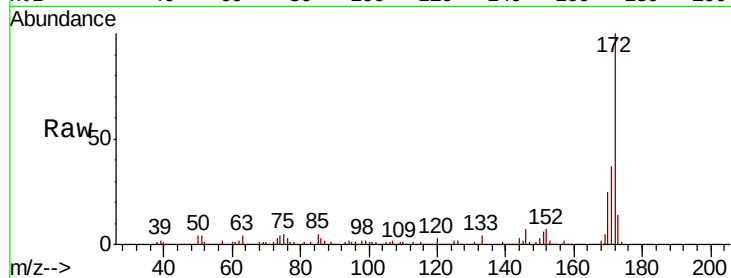




#45
 2-Fluorobiphenyl
 Concen: 79.731 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041324.D
 Acq: 19 Jun 2019 12:31

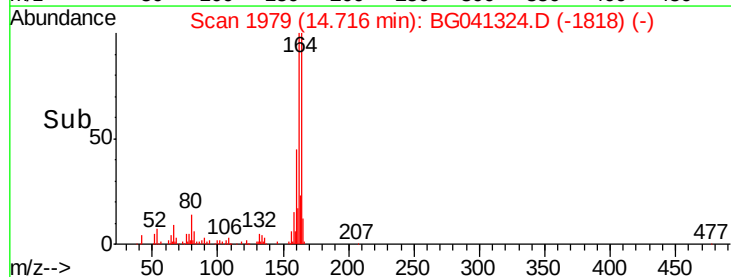
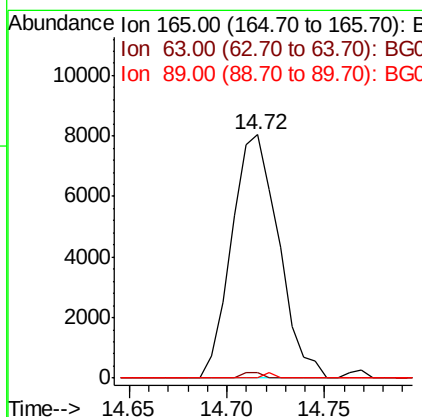
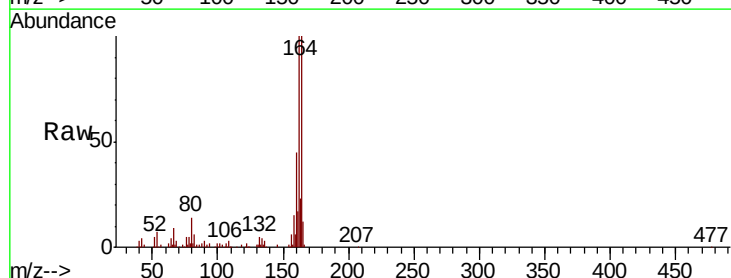
Instrument :
 BNA_G
 ClientSampleId :

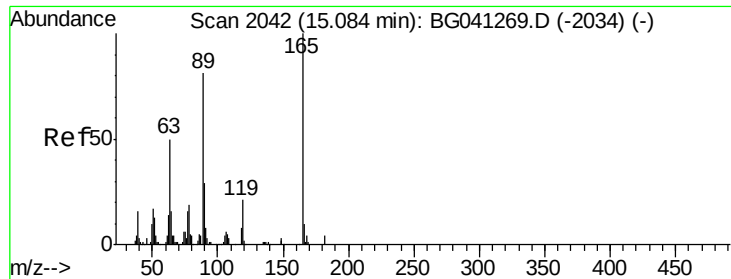
Tot Ion:172 Resp: 608882
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 25.2 19.8 29.6



#51
 2,6-Dinitrotoluene
 Concen: 6.856 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.42 min
 Lab File: BG041324.D
 Acq: 19 Jun 2019 12:31

Tgt Ion:165 Resp: 13351
 Ion Ratio Lower Upper
 165 100
 63 2.2 55.4 83.0#
 89 0.0 56.5 84.7#

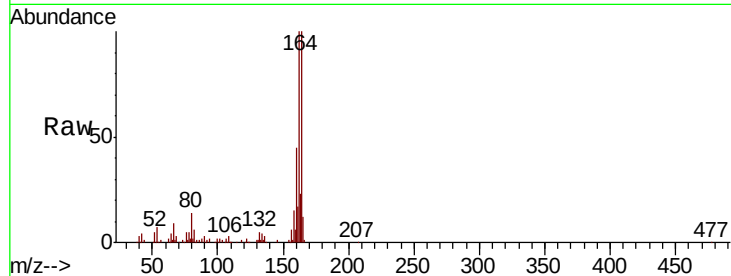




#57
 2,4-Dinitrotoluene
 Concen: 4.690 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.37 min
 Lab File: BG041324.D
 Acq: 19 Jun 2019 12:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	13351
Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.0	60.0#
89	0.0	64.6	96.8#
182	0.0	2.9	4.3#

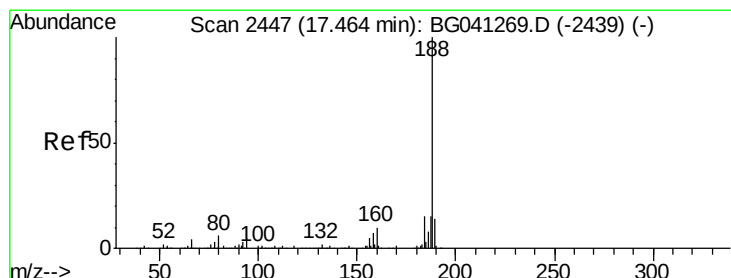
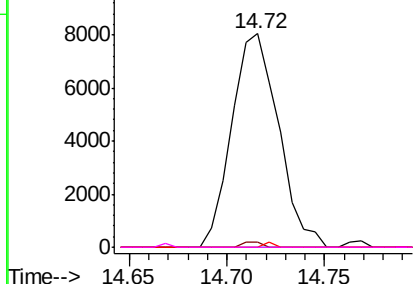
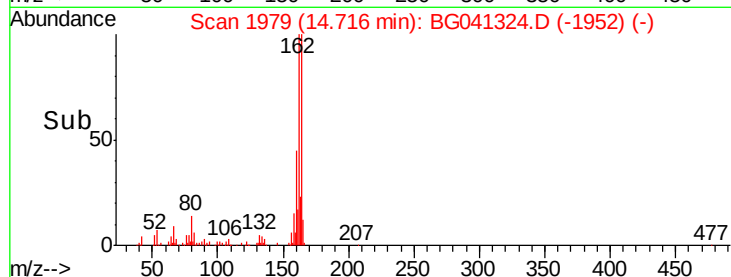


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

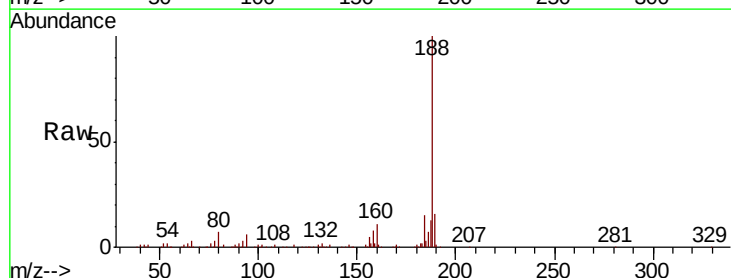
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG041324.D
 Acq: 19 Jun 2019 12:31

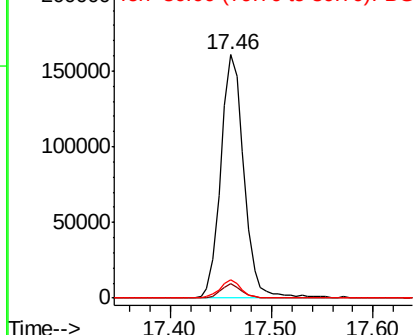
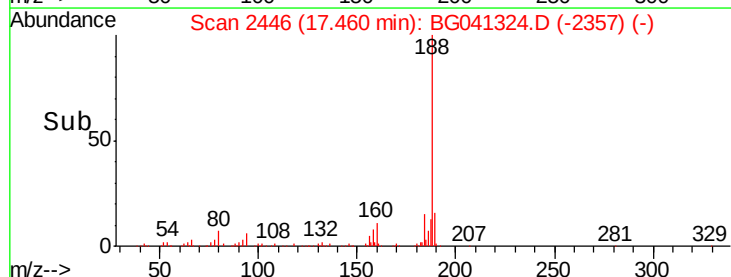
Tgt Ion:	188	Resp:	255603
Ion	Ratio	Lower	Upper
188	100		
94	5.9	3.6	5.4#
80	7.3	4.8	7.2#

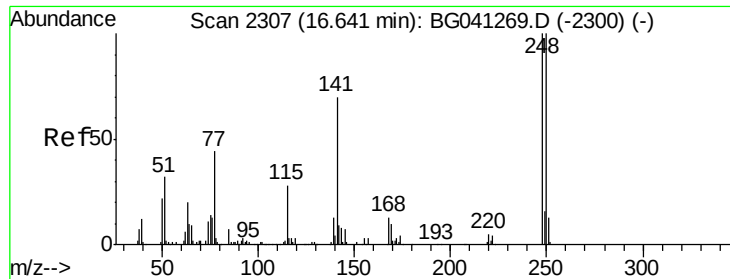


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

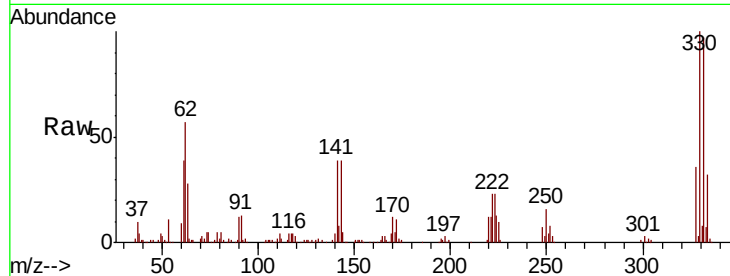




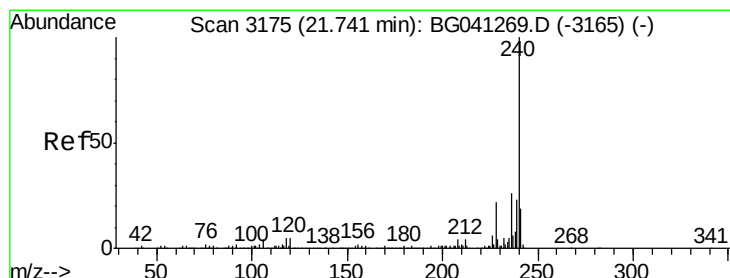
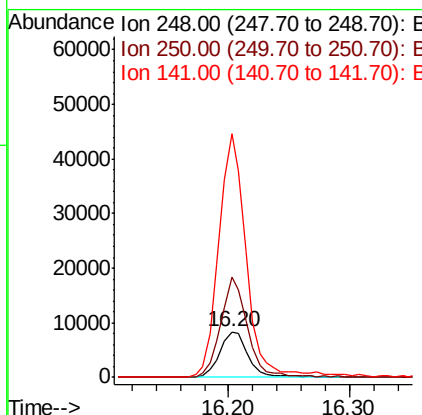
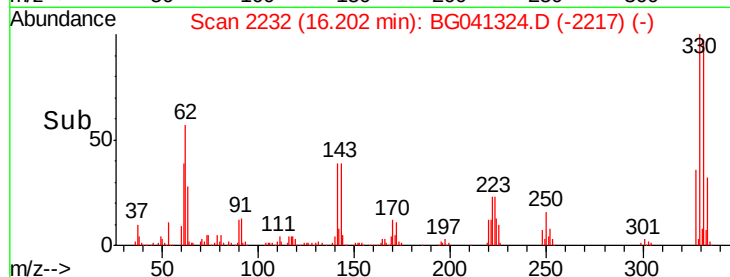
#67
4-Bromophenyl-phenylether
Concen: 4.124 ng
RT: 16.20 min Scan# 2232
Delta R.T. -0.44 min
Lab File: BG041324.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 13630
Ion Ratio Lower Upper
248 100
250 220.5 79.8 119.8#
141 537.1 55.8 83.6#

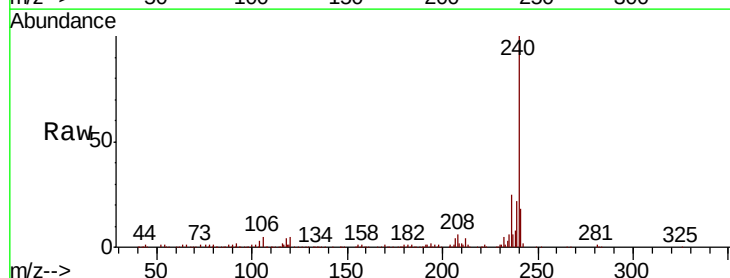


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

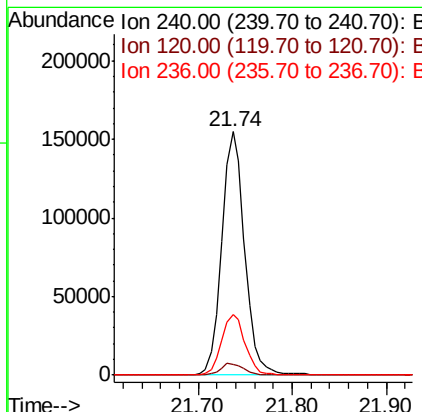
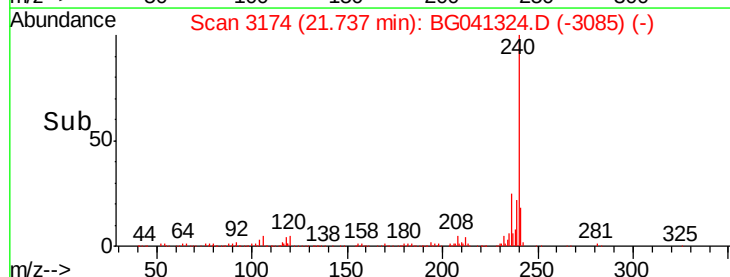


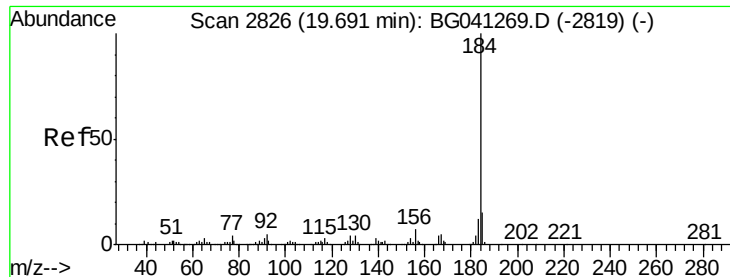
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041324.D
Acq: 19 Jun 2019 12:31

Tgt Ion:240 Resp: 262272
Ion Ratio Lower Upper
240 100
120 4.6 3.7 5.5
236 24.8 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: 3.095 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.37 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

Instrument :

BNA_G

ClientSampleId :

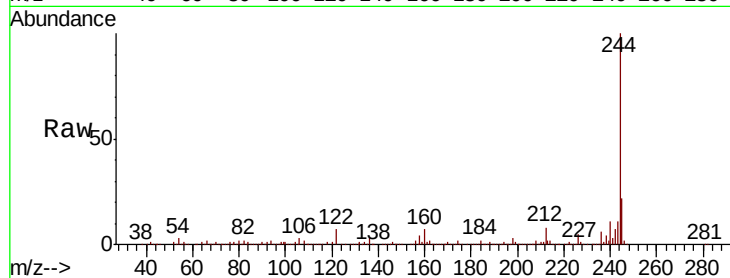
Tot Ion:184 Resp: 19634

Ion Ratio Lower Upper

184 100

185 13.2 12.2 18.2

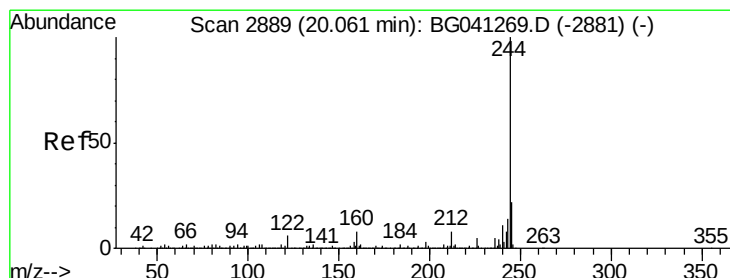
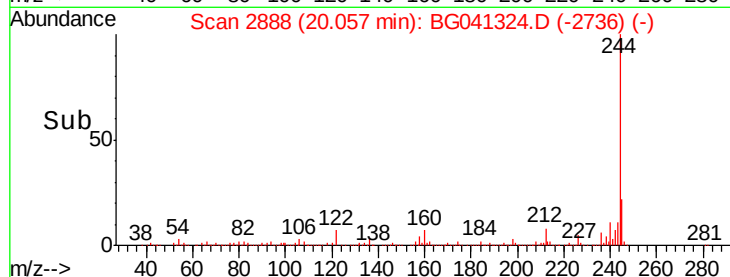
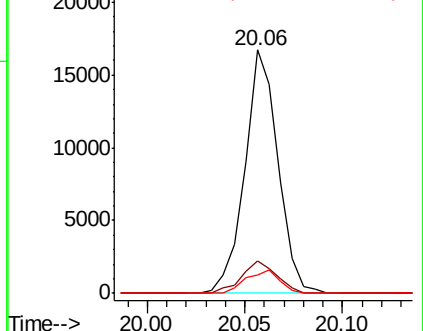
183 7.7 9.6 14.4#



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: 87.544 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

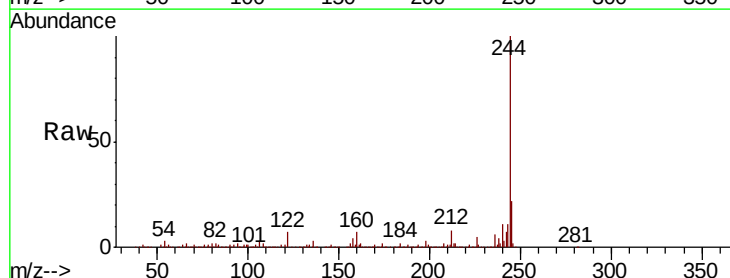
Tgt Ion:244 Resp: 1158559

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

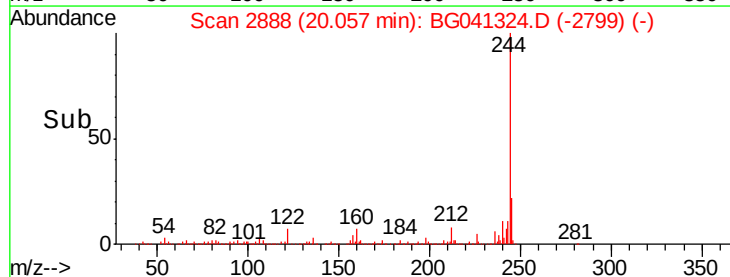
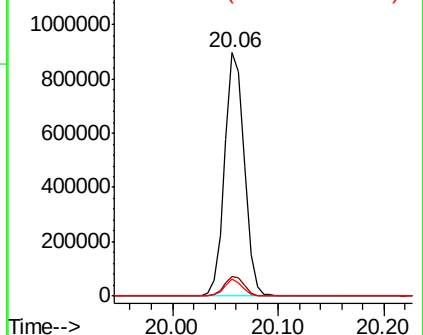
122 6.9 5.0 7.4

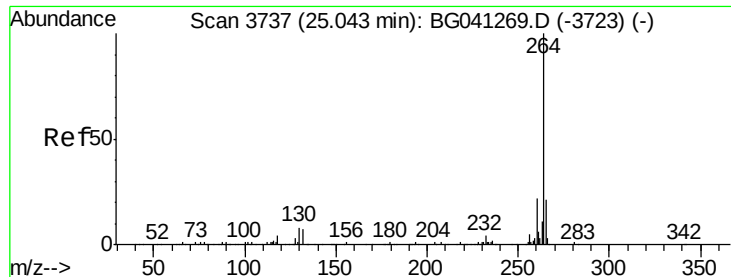


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3737
Delta R.T. 0.00 min
Lab File: BG041324.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.2
265	21.8	17.2	25.8

