

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
 Data File : BG043330.D
 Acq On : 24 Oct 2019 14:20
 Operator : JU
 Sample : PB124233BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 16:52:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

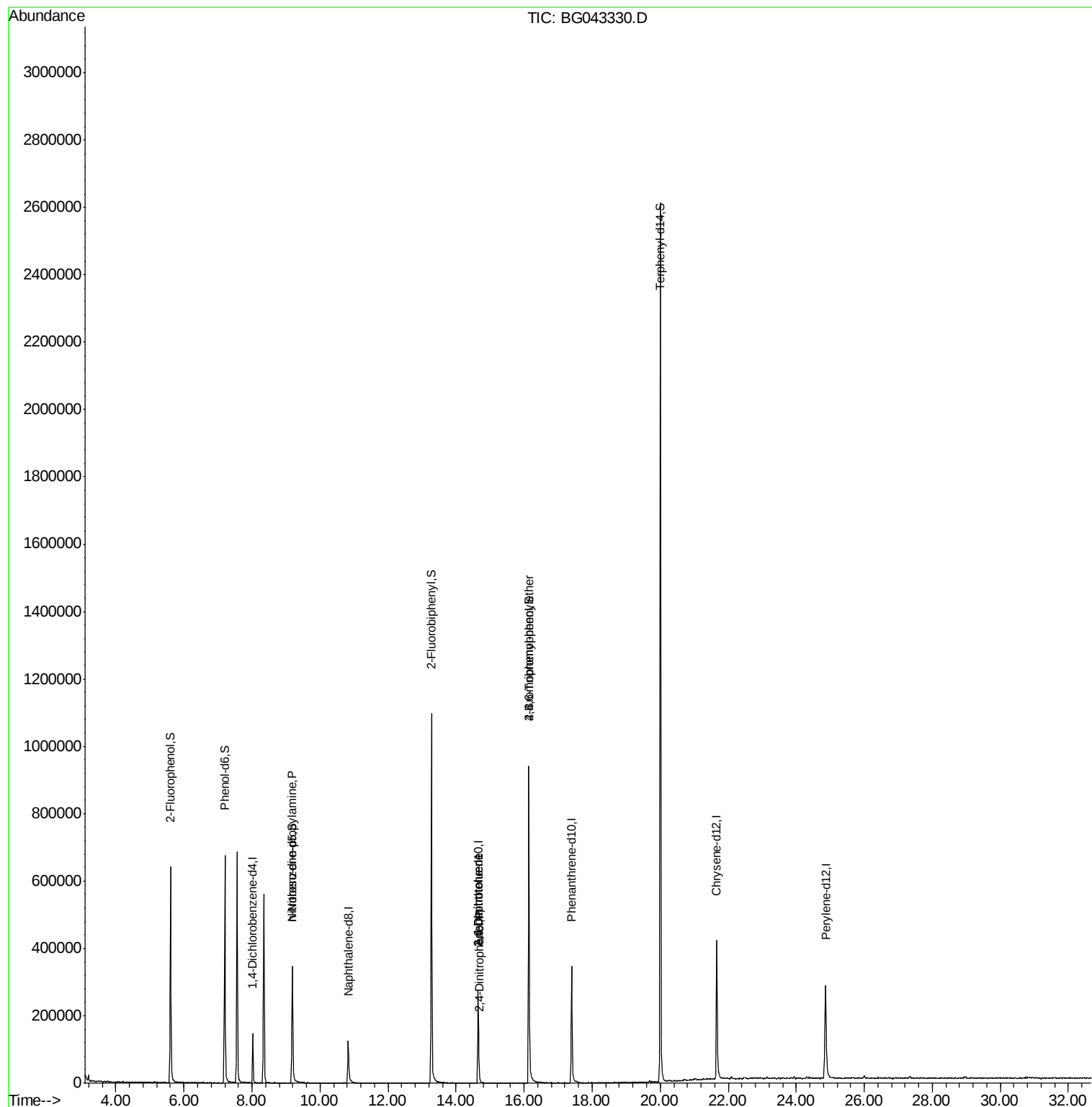
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	44210	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	139658	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	112040	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	274197	20.00	ng	0.00
76) Chrysene-d12	21.66	240	322627	20.00	ng	0.00
87) Perylene-d12	24.86	264	367616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	305137	126.48	ng	0.00
7) Phenol-d6	7.20	99	416740	120.06	ng	0.00
23) Nitrobenzene-d5	9.19	82	242062	89.36	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	247245	115.96	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	681334	84.03	ng	0.00
79) Terphenyl-d14	20.00	244	1453456	84.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	33459	14.917	ng	# 70
51) 2,6-Dinitrotoluene	14.65	165	14718	7.807	ng	# 26
54) 2,4-Dinitrophenol	14.67	184	62	7.331	ng	# 20
57) 2,4-Dinitrotoluene	14.65	165	14718	5.463	ng	# 27
67) 4-Bromophenyl-phenylether	16.14	248	16270	4.409	ng	# 1

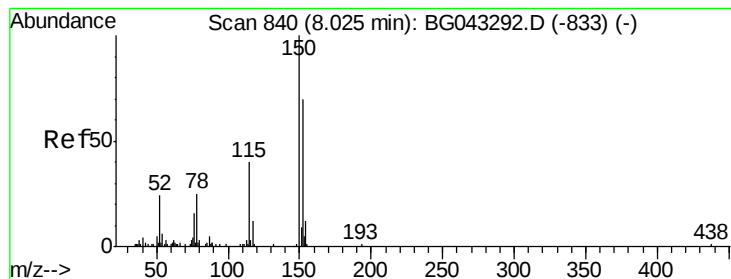
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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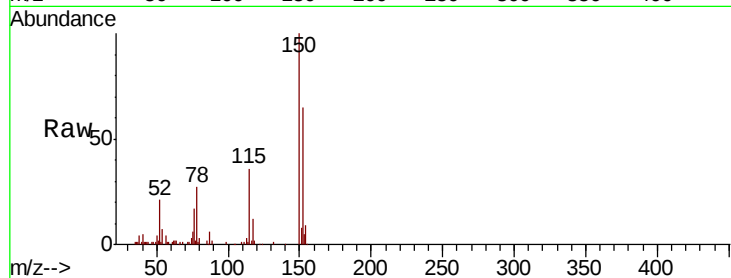


#1

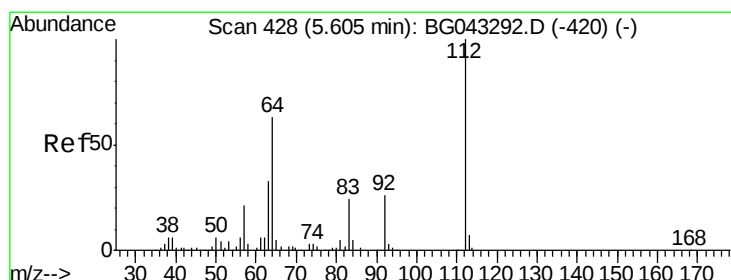
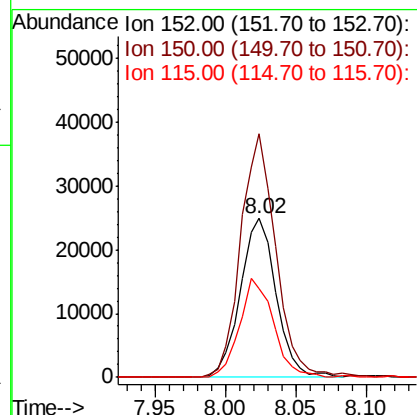
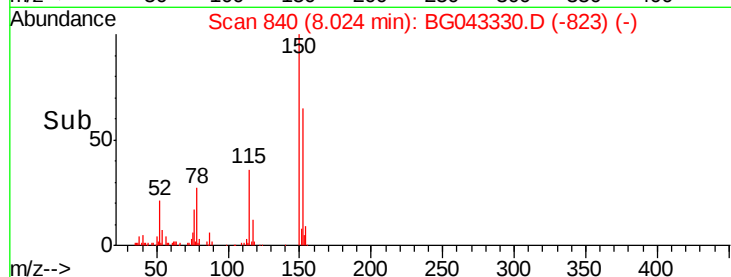
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043330.D
Acq: 24 Oct 2019 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	113.6	170.4
115	55.7	45.9	68.9



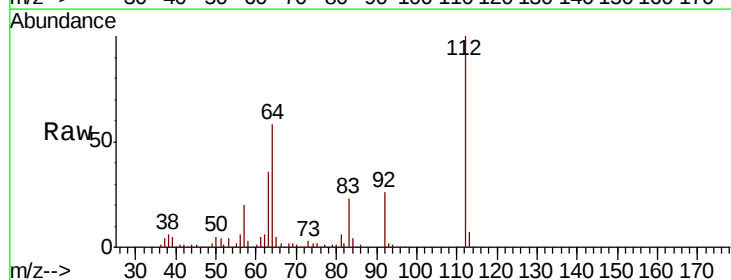
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



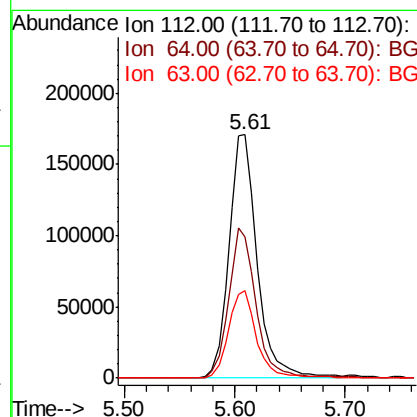
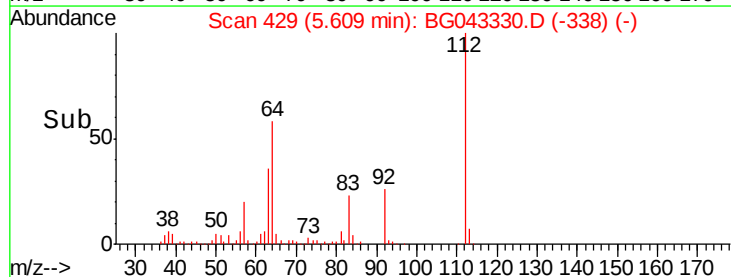
#5

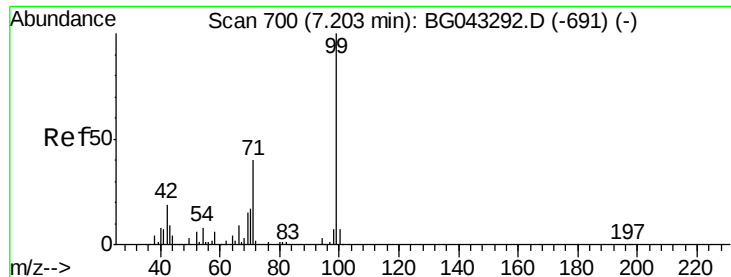
2-Fluorophenol
Concen: 126.475 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043330.D
Acq: 24 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	50.2	75.2
63	35.9	26.7	40.1



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: 120.057 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043330.D

Acq: 24 Oct 2019 14:20

Instrument :

BNA_G

ClientSampleId :

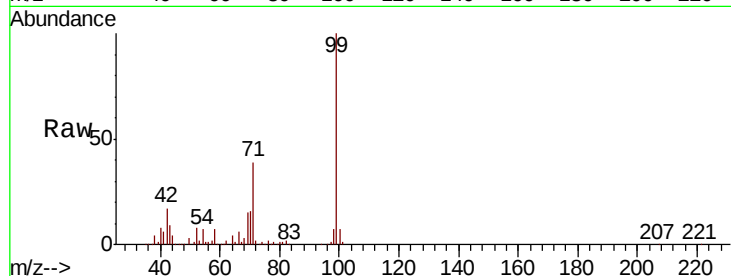
Tot Ion: 99 Resp: 416740

Ion Ratio Lower Upper

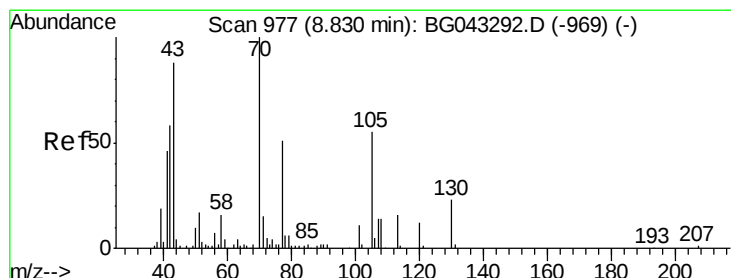
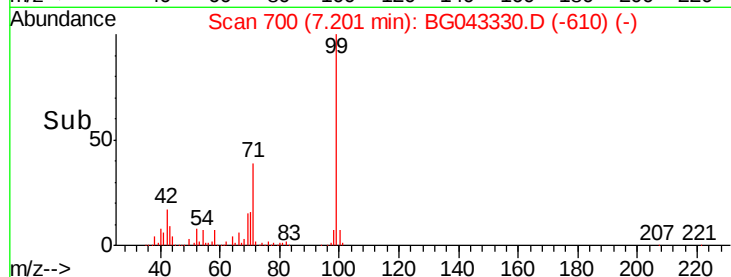
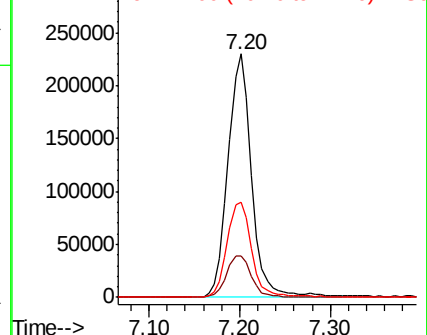
99 100

42 17.2 14.9 22.3

71 39.3 32.2 48.2



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: 14.917 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.35 min

Lab File: BG043330.D

Acq: 24 Oct 2019 14:20

Tgt Ion: 70 Resp: 33459

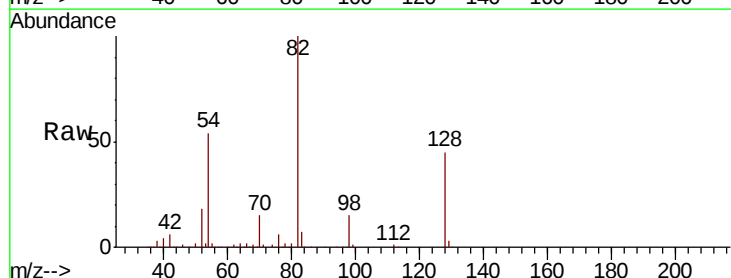
Ion Ratio Lower Upper

70 100

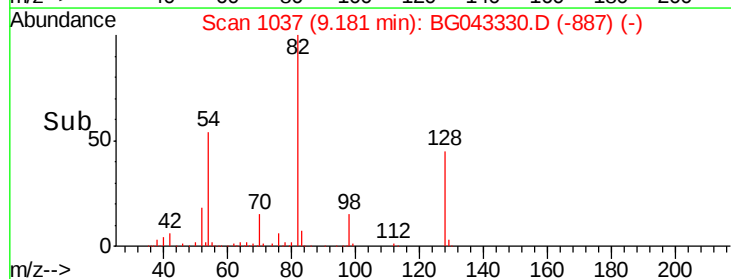
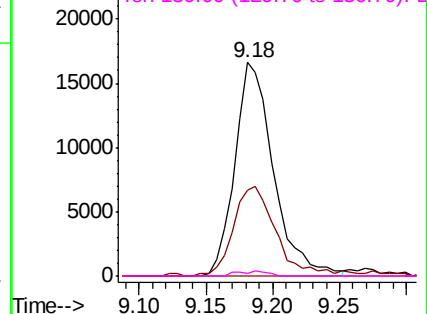
42 39.9 46.2 69.2#

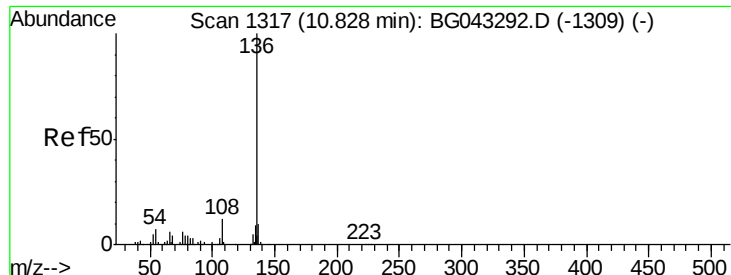
101 0.0 8.6 13.0#

130 1.5 18.6 27.8#



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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043330.D

Acq: 24 Oct 2019 14:20

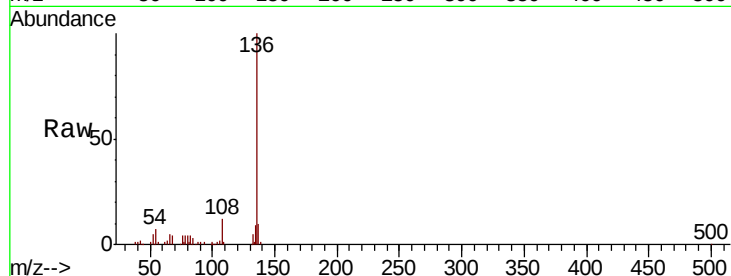
Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 139658

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	7.3	5.4	8.2
68	3.8	3.3	4.9

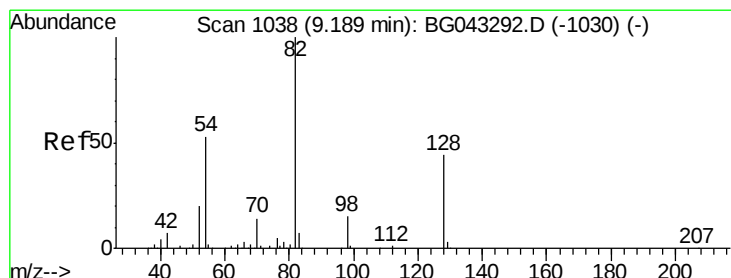
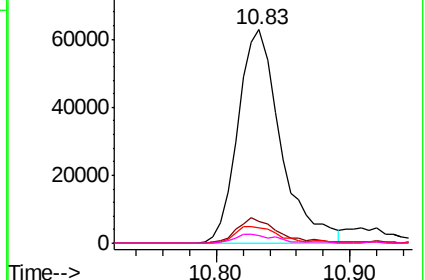
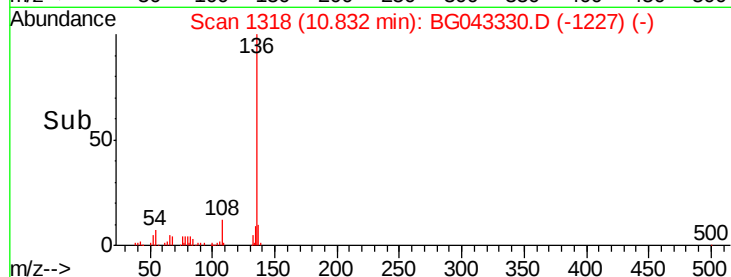


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 89.357 ng

RT: 9.19 min Scan# 1038

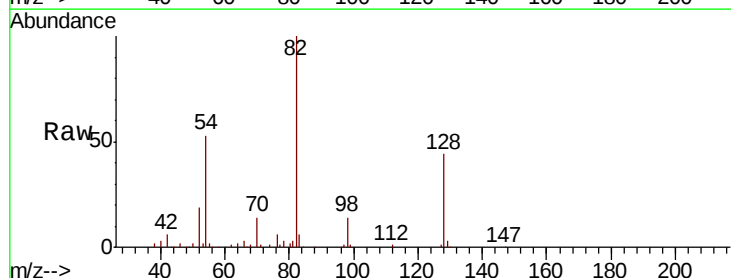
Delta R.T. -0.00 min

Lab File: BG043330.D

Acq: 24 Oct 2019 14:20

Tgt Ion: 82 Resp: 242062

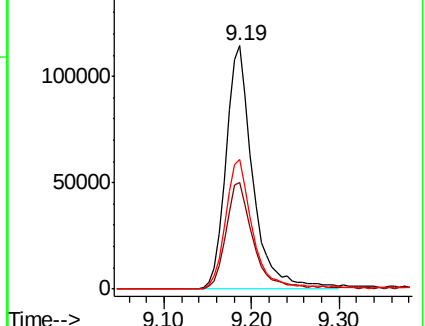
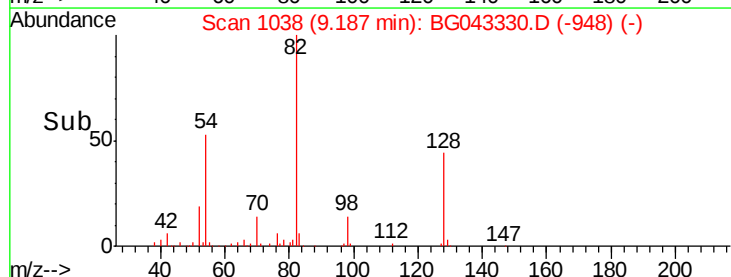
Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.3	52.9
54	53.3	42.3	63.5

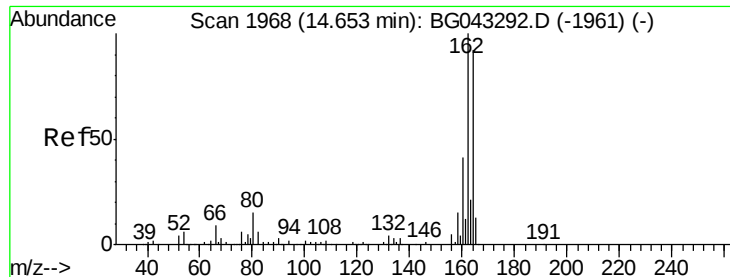


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043330.D

Acq: 24 Oct 2019 14:20

Instrument :

BNA_G

ClientSampleId :

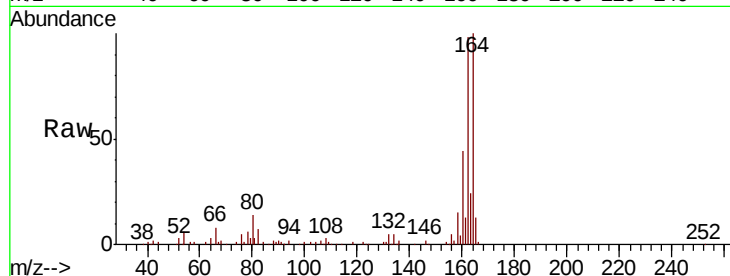
Tot Ion:164 Resp: 112040

Ion Ratio Lower Upper

164 100

162 98.3 87.0 130.4

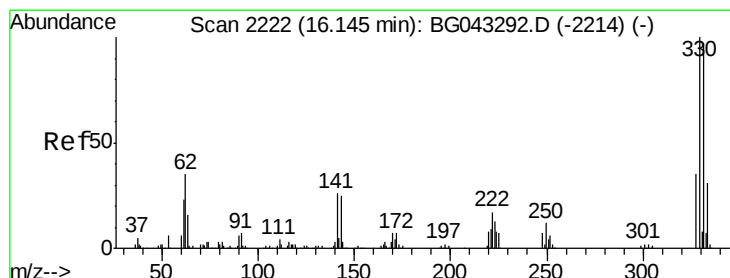
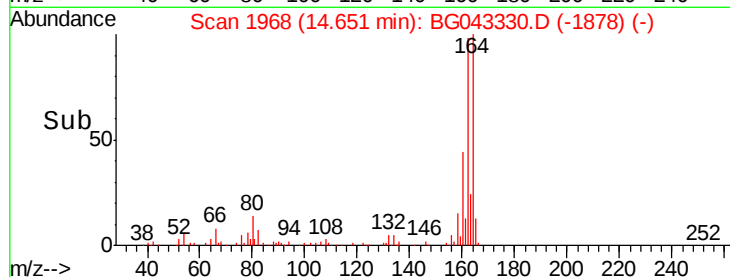
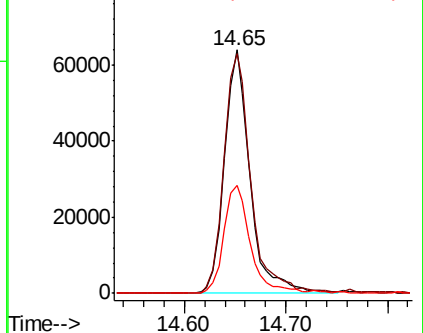
160 44.3 35.5 53.3



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: 115.962 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043330.D

Acq: 24 Oct 2019 14:20

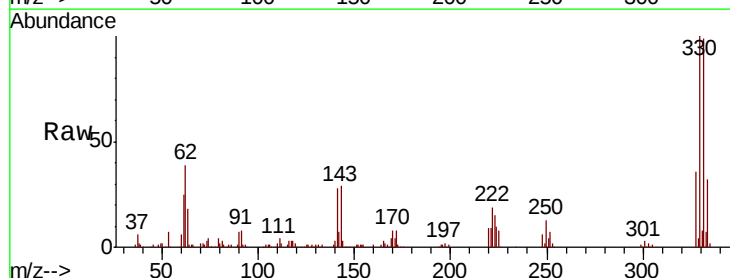
Tgt Ion:330 Resp: 247245

Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

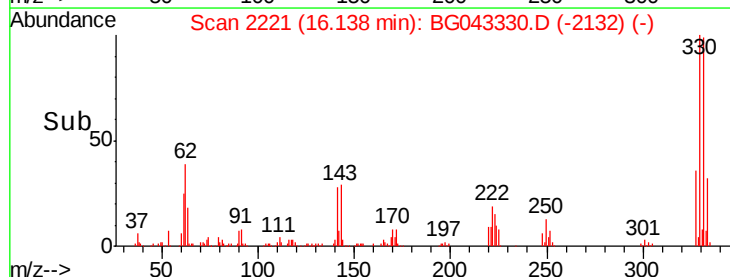
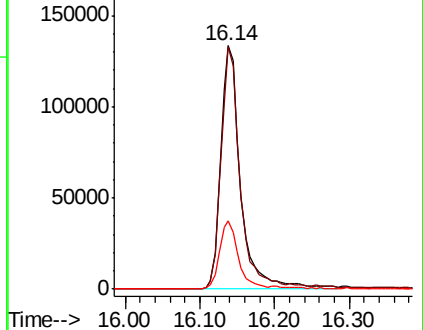
141 27.5 21.4 32.0

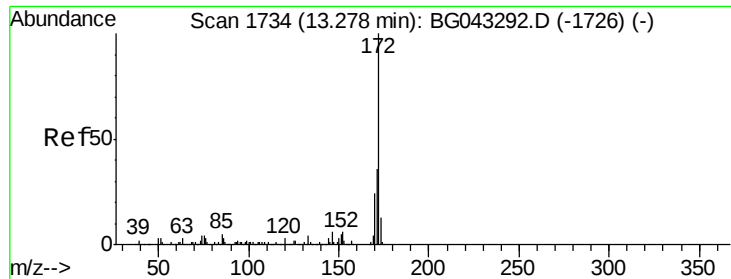


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

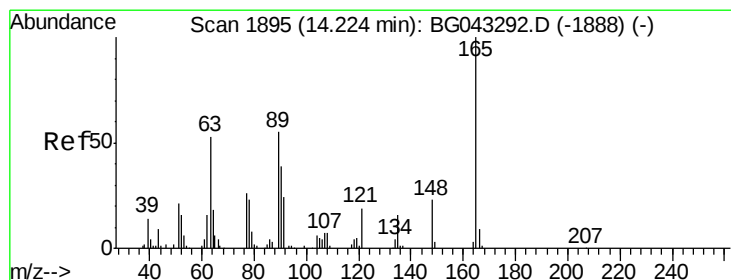
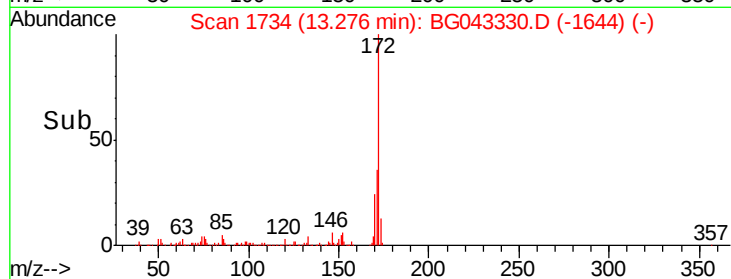
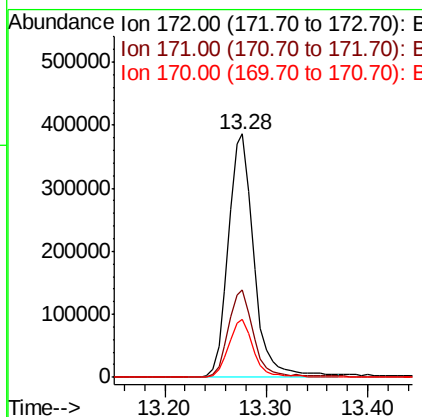
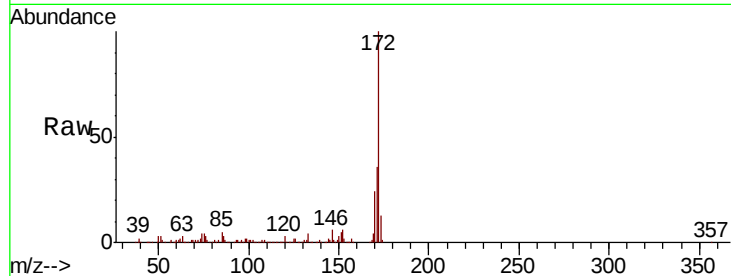




#45
 2-Fluorobiphenyl
 Concen: 84.030 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043330.D
 Acq: 24 Oct 2019 14:20

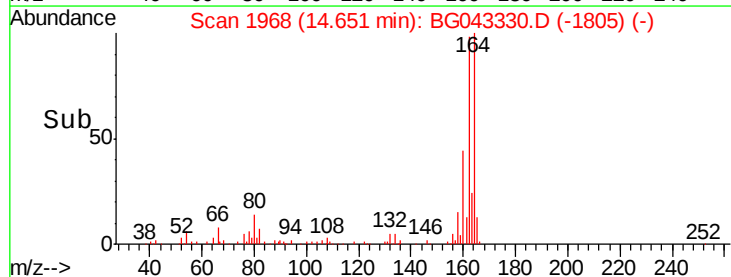
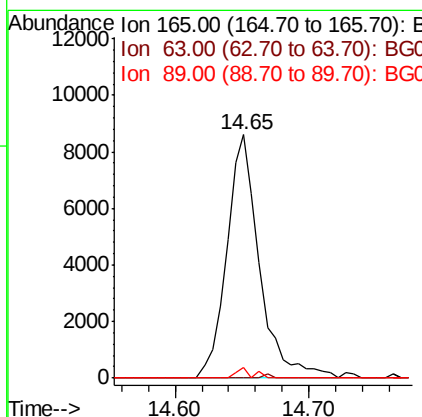
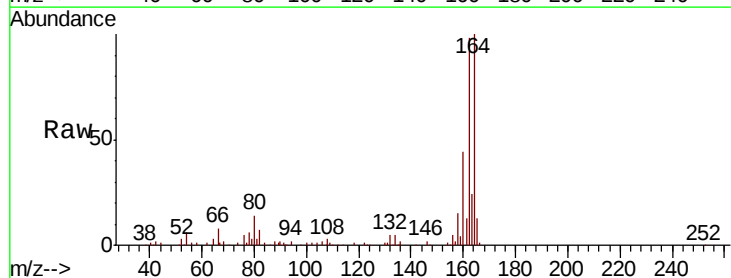
Instrument :
 BNA_G
 ClientSampled :

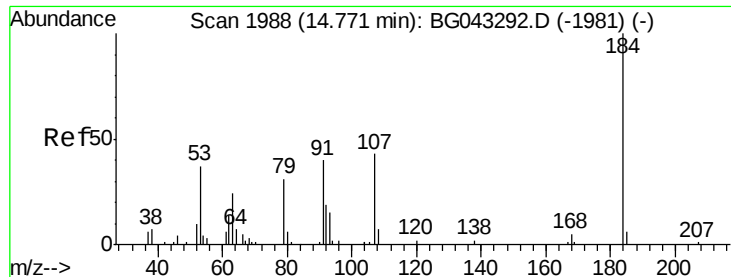
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.9	18.8	28.2



#51
 2,6-Dinitrotoluene
 Concen: 7.807 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.43 min
 Lab File: BG043330.D
 Acq: 24 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.1	70.7#
89	4.3	43.7	65.5#

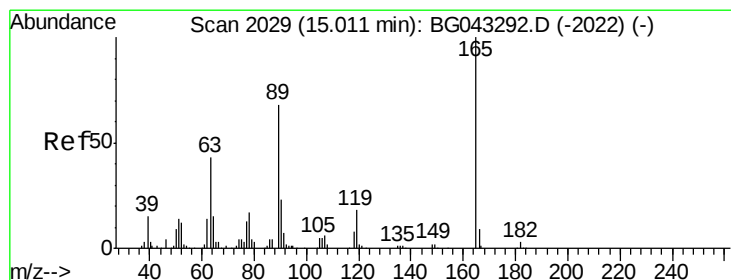
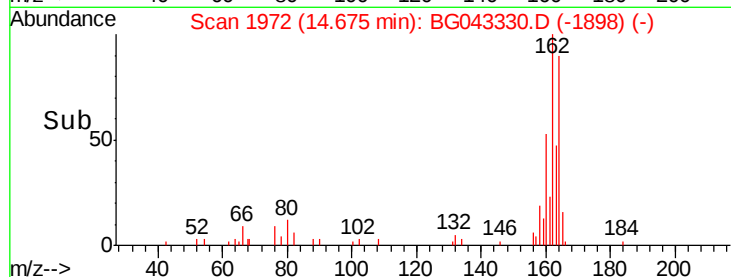
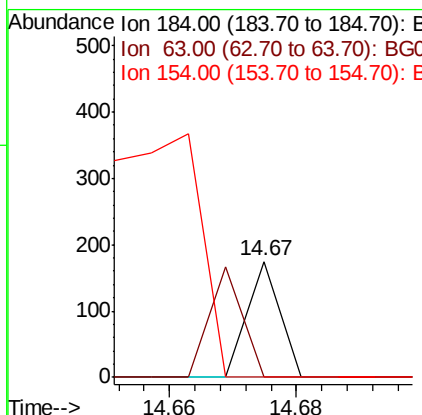
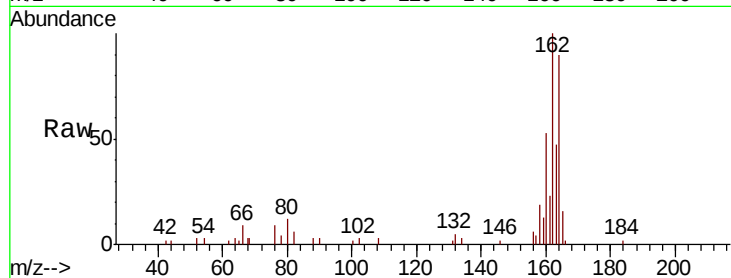




#54
2,4-Dinitrophenol
Concen: 7.331 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.10 min
Lab File: BG043330.D
Acq: 24 Oct 2019 14:20

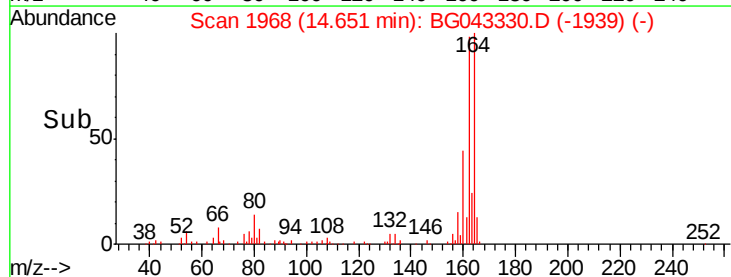
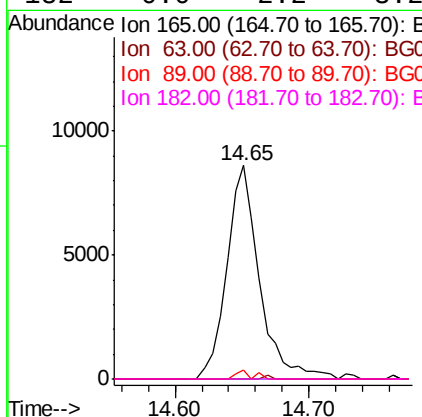
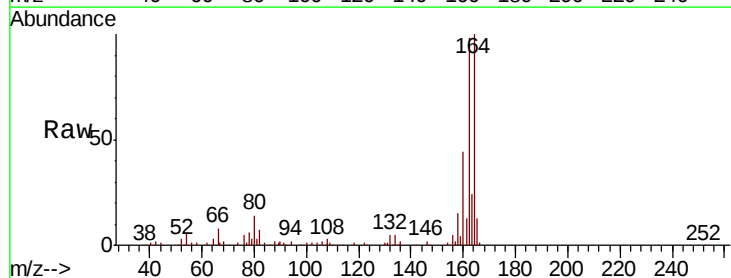
Instrument :
BNA_G
ClientSampled :

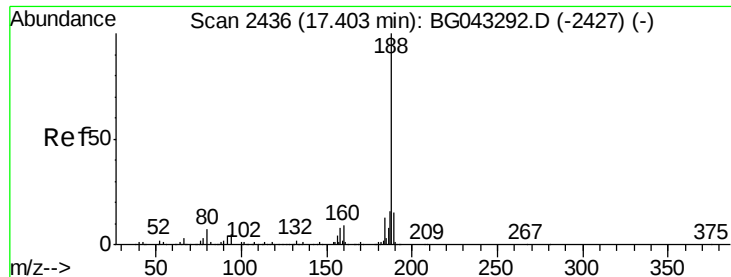
Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	48.8	73.2#
154	0.0	49.4	74.0#



#57
2,4-Dinitrotoluene
Concen: 5.463 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043330.D
Acq: 24 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	4.3	54.1	81.1#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043330.D

Acq: 24 Oct 2019 14:20

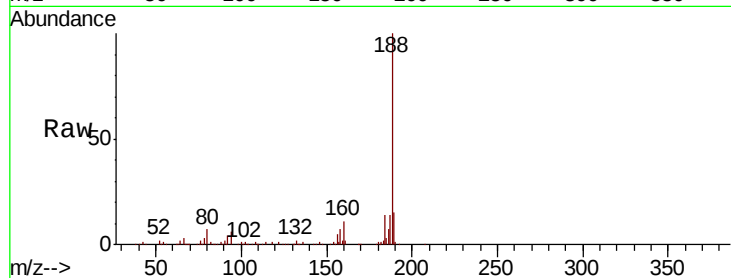
Instrument :

BNA_G

ClientSampleId :

Tot Ion:188 Resp: 274197

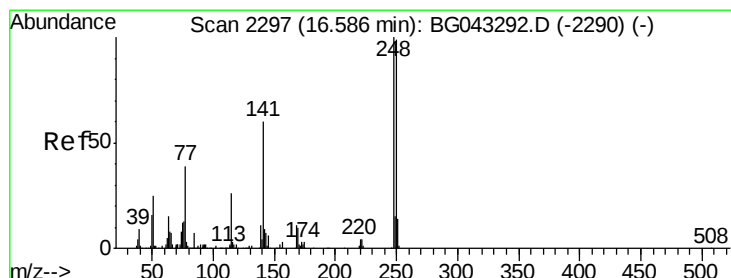
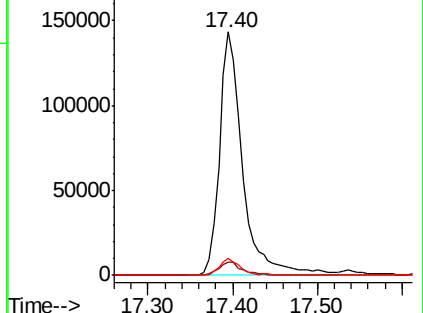
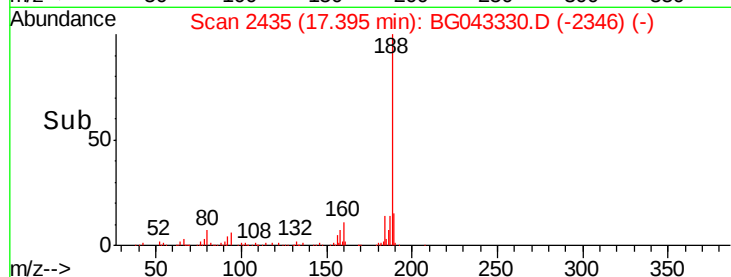
Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.2
80	7.2	5.2	7.8



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: 4.409 ng

RT: 16.14 min Scan# 2222

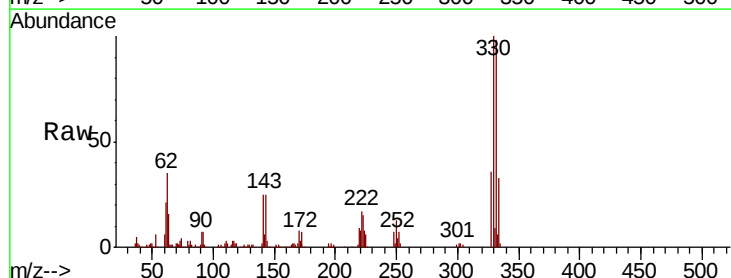
Delta R.T. -0.44 min

Lab File: BG043330.D

Acq: 24 Oct 2019 14:20

Tgt Ion:248 Resp: 16270

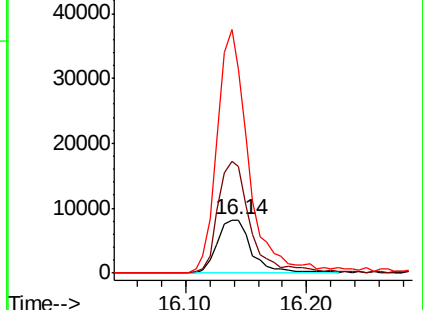
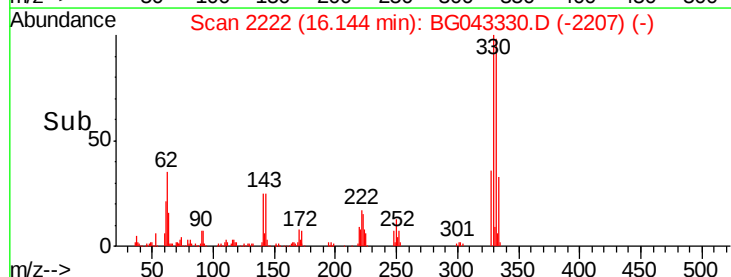
Ion	Ratio	Lower	Upper
248	100		
250	198.9	79.3	118.9#
141	380.7	47.9	71.9#

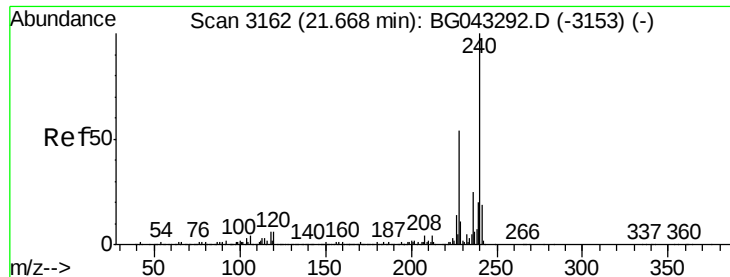


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043330.D

Acq: 24 Oct 2019 14:20

Instrument :

BNA_G

ClientSampleId :

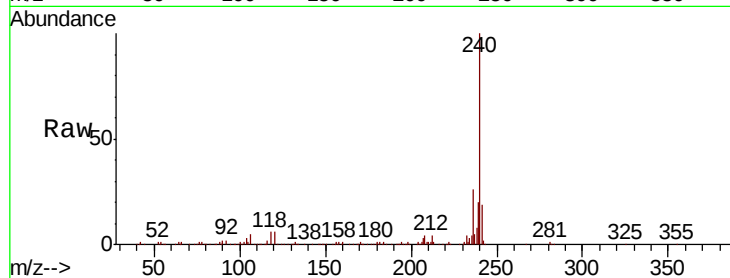
Tot Ion:240 Resp: 322627

Ion Ratio Lower Upper

240 100

120 6.1 4.6 7.0

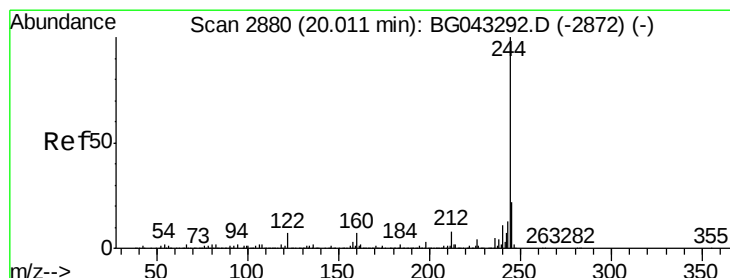
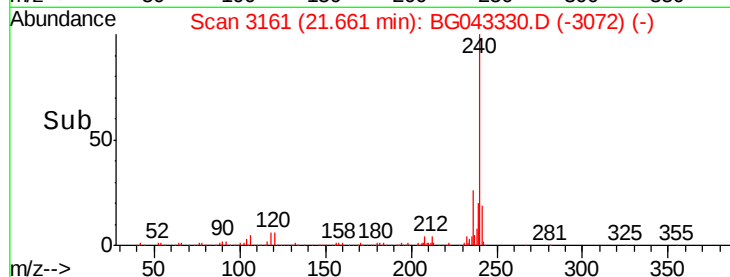
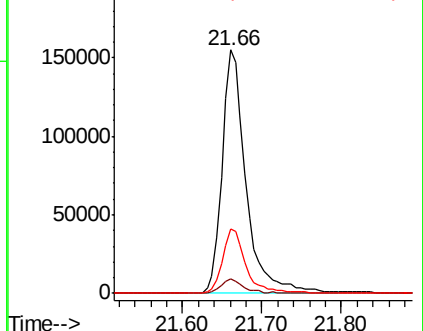
236 26.4 20.2 30.4



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: 84.518 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043330.D

Acq: 24 Oct 2019 14:20

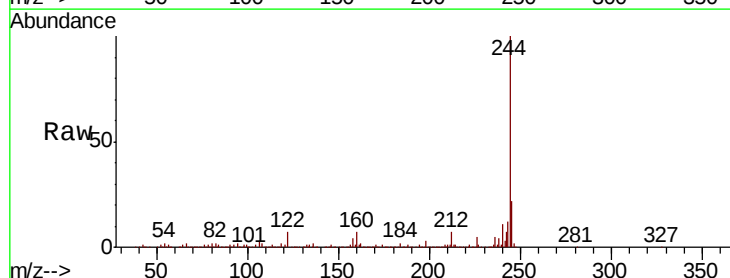
Tgt Ion:244 Resp: 1453456

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

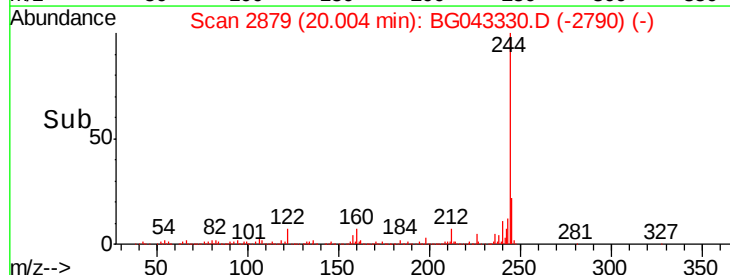
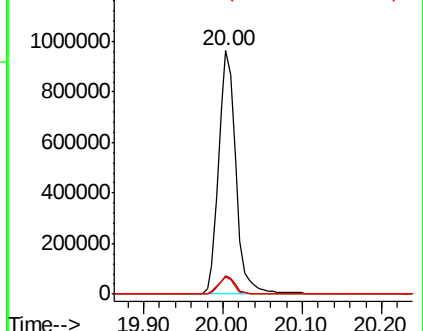
122 7.2 5.3 7.9

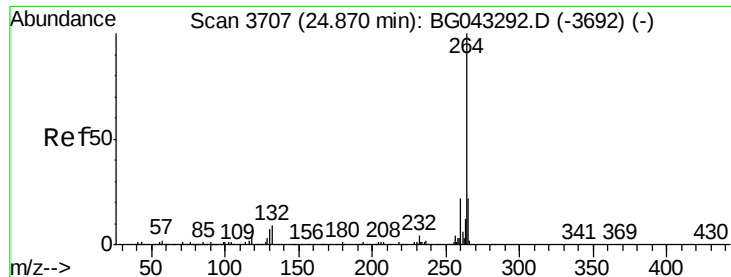


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043330.D
Acq: 24 Oct 2019 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	20.0	17.4	26.2

