

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043373.D
 Acq On : 29 Oct 2019 14:27
 Operator : JU
 Sample : PB124338BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:21:26 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

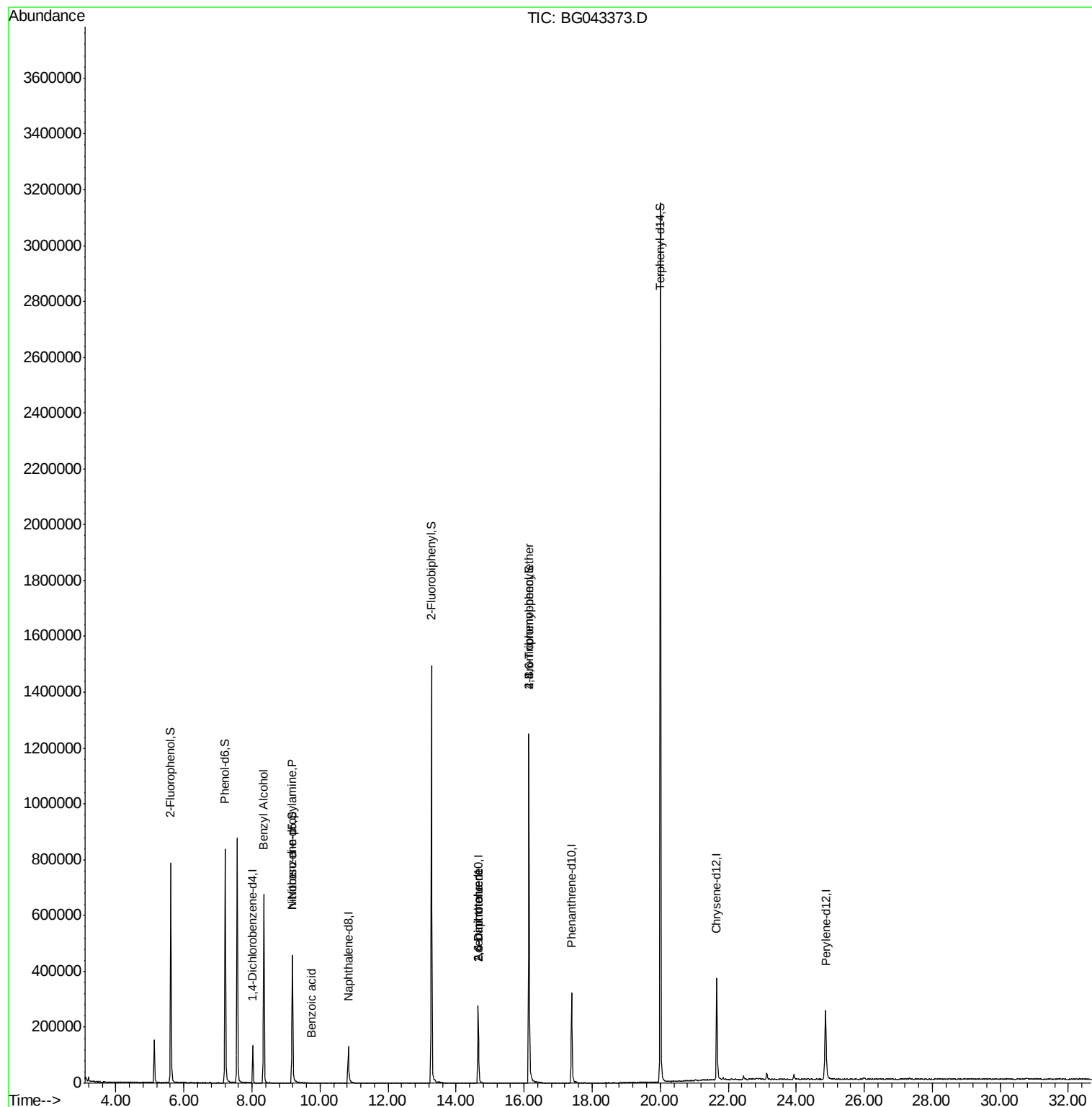
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	40540	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	149405	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	111738	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	259175	20.00	ng	0.00
76) Chrysene-d12	21.66	240	276985	20.00	ng	0.00
87) Perylene-d12	24.86	264	317393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	376949	170.38	ng	0.00
7) Phenol-d6	7.21	99	520406	163.49	ng	0.00
23) Nitrobenzene-d5	9.19	82	310922	107.29	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	329022	154.73	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	873815	108.06	ng	0.00
79) Terphenyl-d14	20.00	244	1725187	116.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	5574	2.493	ng	# 57
19) n-Nitroso-di-n-propylamine	9.19	70	44674	21.720	ng	# 74
32) Benzoic acid	9.76	122	56	9.080	ng	# 1
51) 2,6-Dinitrotoluene	14.65	165	15174	8.070	ng	# 27
57) 2,4-Dinitrotoluene	14.65	165	15174	5.647	ng	# 28
67) 4-Bromophenyl-phenylether	16.14	248	21291	6.104	ng	# 1

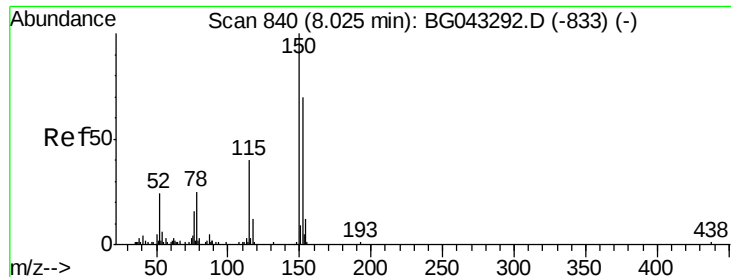
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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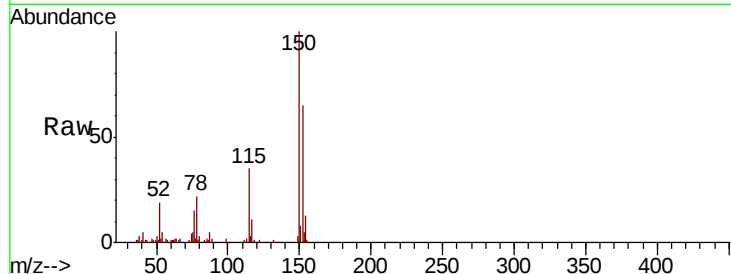


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043373.D
Acq: 29 Oct 2019 14:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	113.6	170.4
115	54.5	45.9	68.9

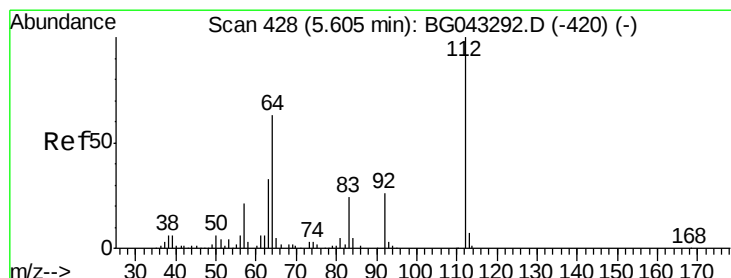
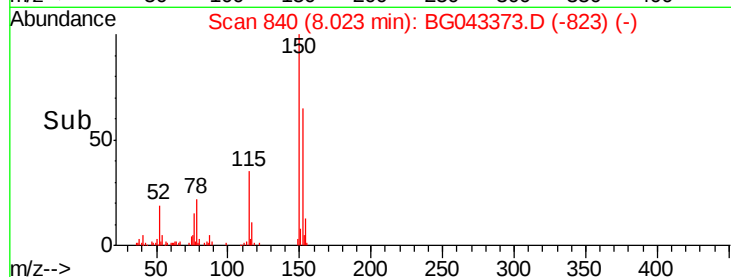
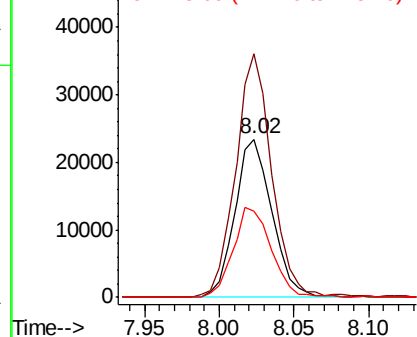


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

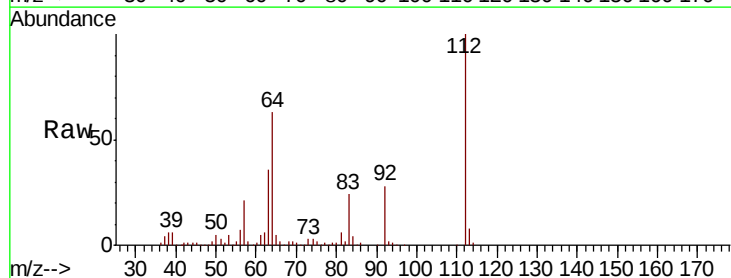
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 170.385 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043373.D
Acq: 29 Oct 2019 14:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	50.2	75.2
63	36.5	26.7	40.1

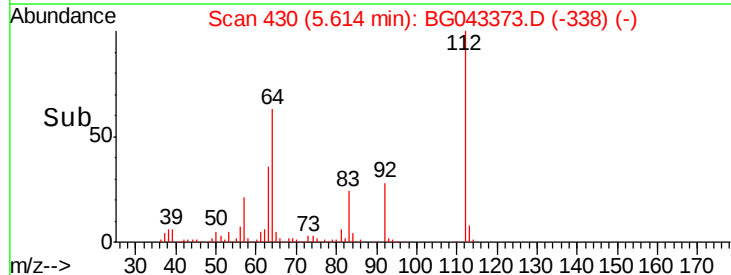
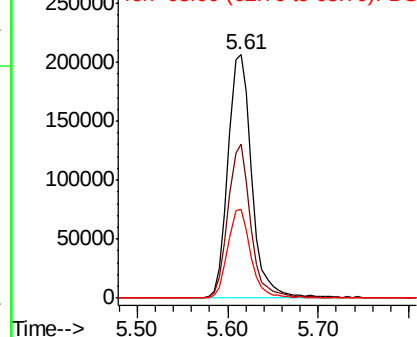


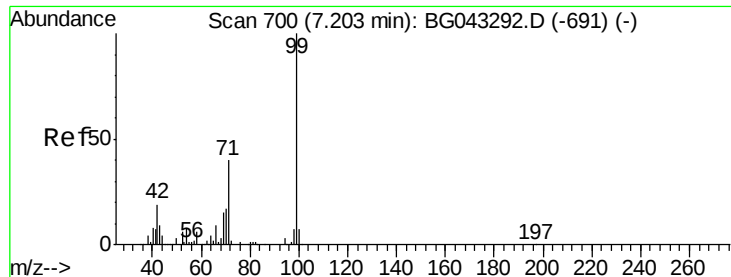
Abundance

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: 163.493 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043373.D

Acq: 29 Oct 2019 14:27

Instrument :

BNA_G

ClientSampleId :

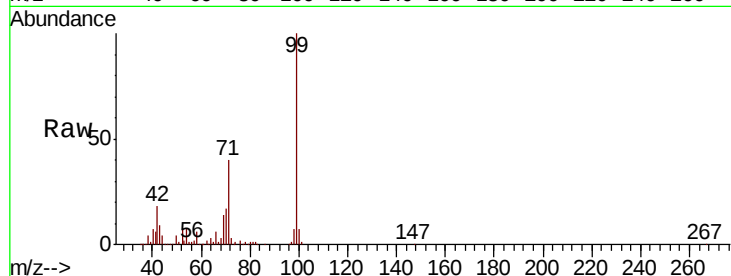
Tot Ion: 99 Resp: 520406

Ion Ratio Lower Upper

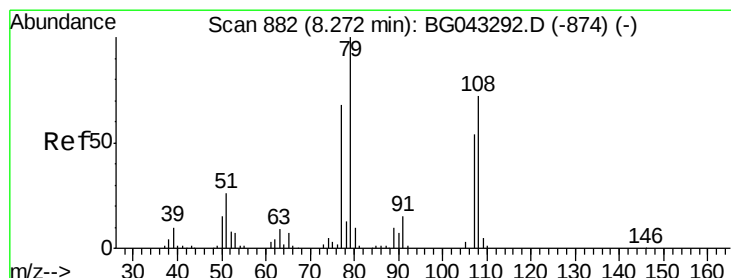
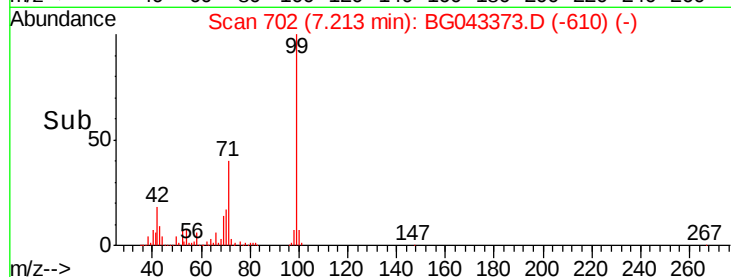
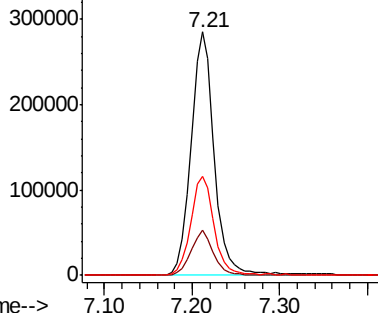
99 100

42 18.4 14.9 22.3

71 40.4 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



#15

Benzyl Alcohol

Concen: 2.493 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.08 min

Lab File: BG043373.D

Acq: 29 Oct 2019 14:27

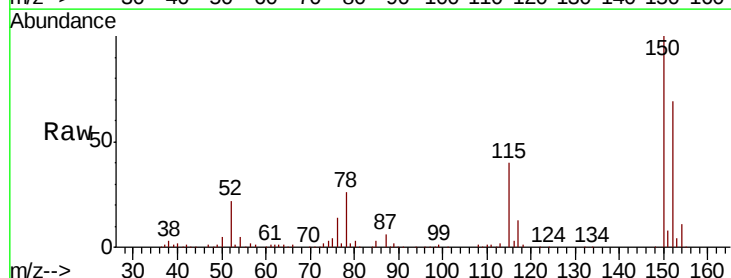
Tgt Ion: 79 Resp: 5574

Ion Ratio Lower Upper

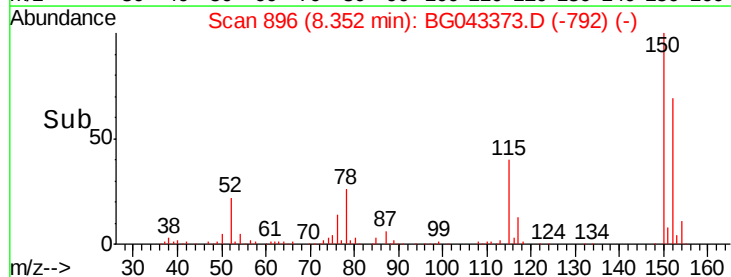
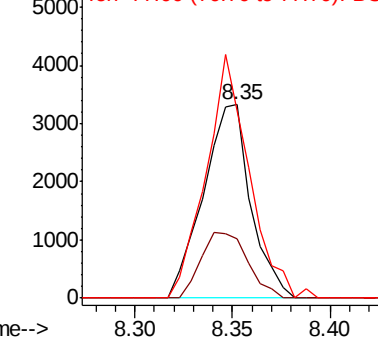
79 100

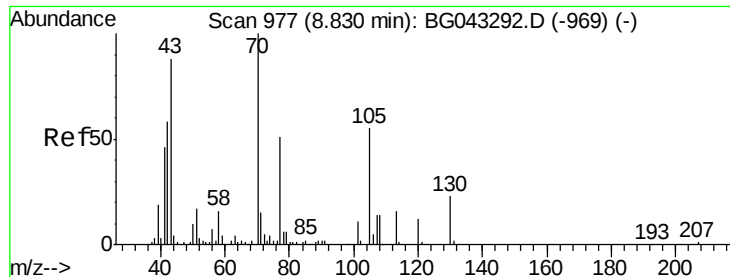
108 30.3 57.3 85.9#

77 97.1 54.6 81.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

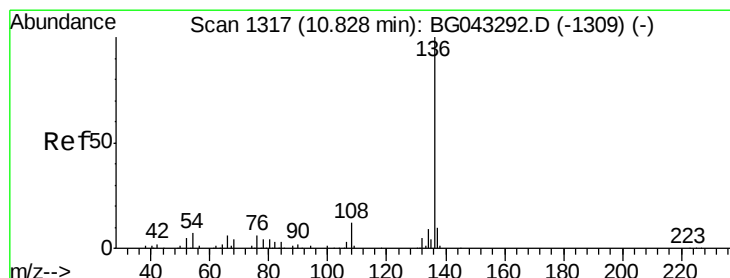
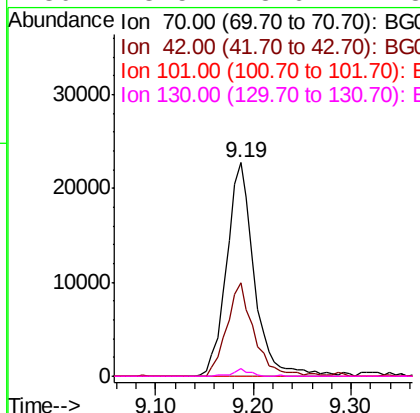
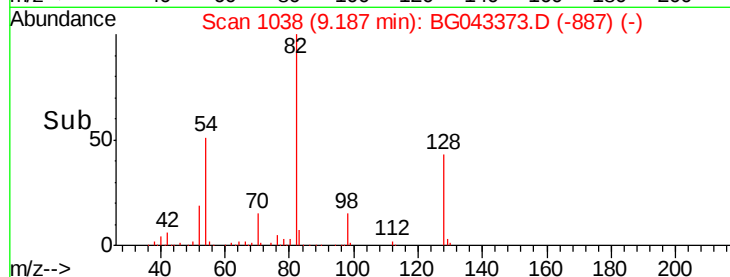
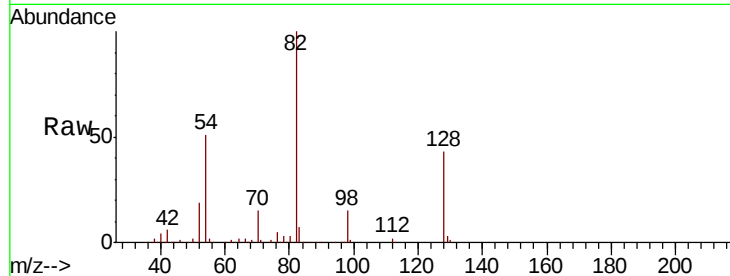




#19
n-Nitroso-di-n-propylamine
Concen: 21.720 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043373.D
Acq: 29 Oct 2019 14:27

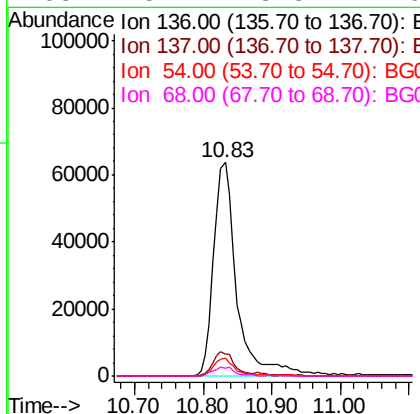
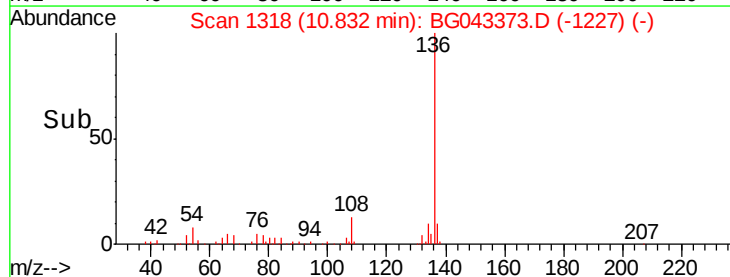
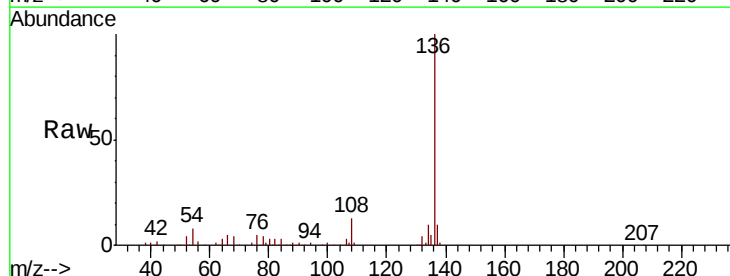
Instrument :
BNA_G
ClientSampleId :

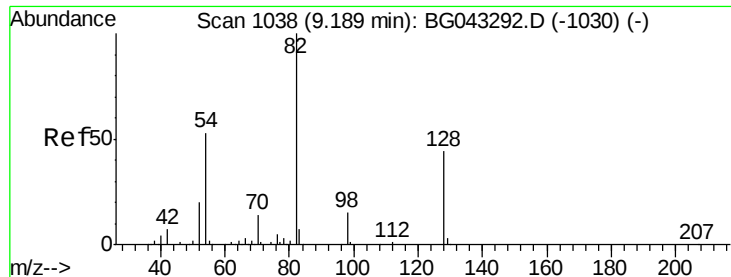
Tot Ion: 70 Resp: 44674
Ion Ratio Lower Upper
70 100
42 43.6 46.2 69.2#
101 0.0 8.6 13.0#
130 3.5 18.6 27.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043373.D
Acq: 29 Oct 2019 14:27

Tgt Ion: 136 Resp: 149405
Ion Ratio Lower Upper
136 100
137 10.0 8.2 12.2
54 8.2 5.4 8.2#
68 3.7 3.3 4.9

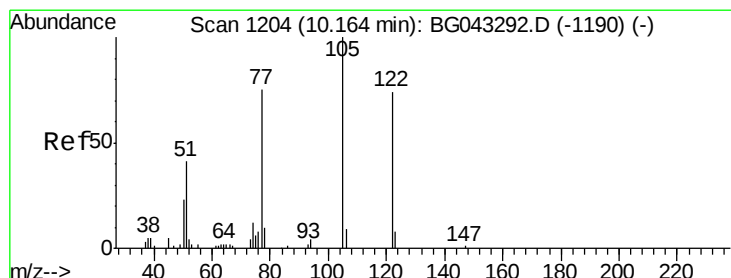
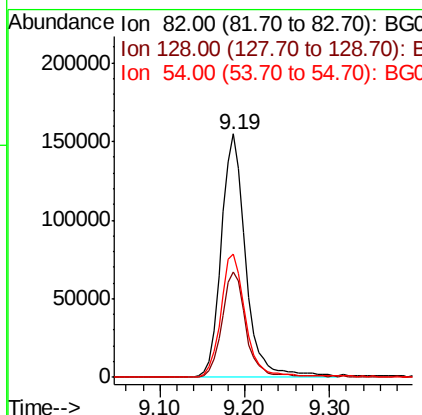
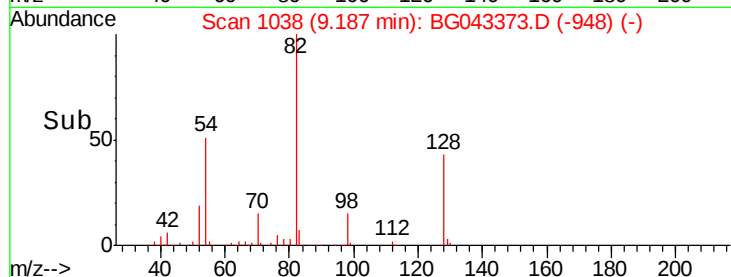
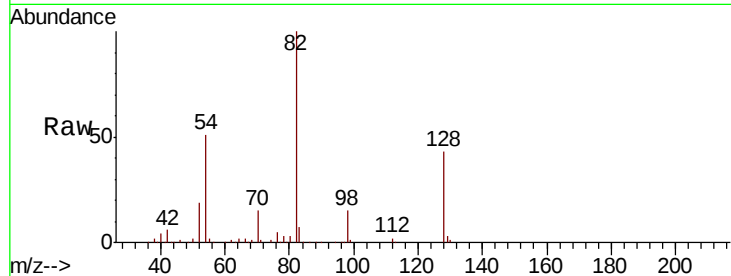




#23
 Nitrobenzene-d5
 Concen: 107.288 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043373.D
 Acq: 29 Oct 2019 14:27

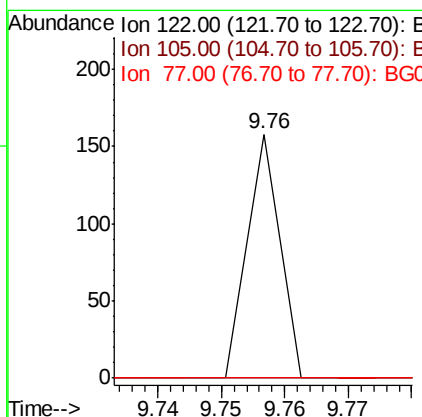
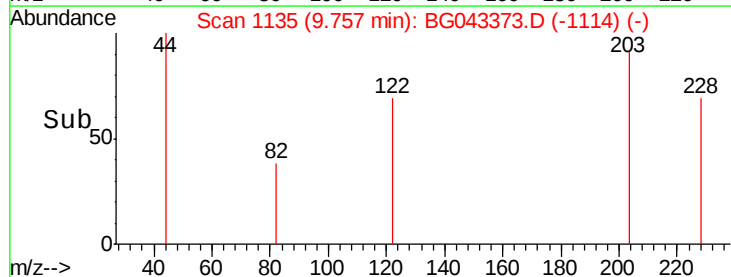
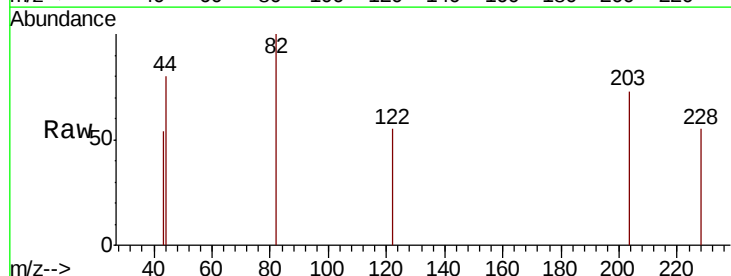
Instrument :
 BNA_G
 ClientSampleId :

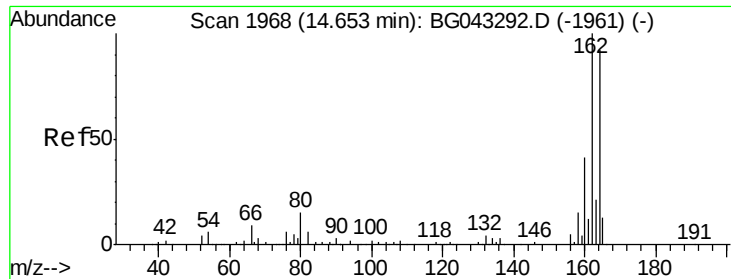
Tot Ion	82	Resp	310922
Ion Ratio	Lower	Upper	
82	100		
128	43.3	35.3	52.9
54	50.9	42.3	63.5



#32
 Benzoic acid
 Concen: 9.080 ng
 RT: 9.76 min Scan# 1135
 Delta R.T. -0.41 min
 Lab File: BG043373.D
 Acq: 29 Oct 2019 14:27

Tgt Ion	122	Resp	56
Ion Ratio	Lower	Upper	
122	100		
105	0.0	112.4	152.4#
77	0.0	82.7	122.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043373.D

Acq: 29 Oct 2019 14:27

Instrument :

BNA_G

ClientSampleId :

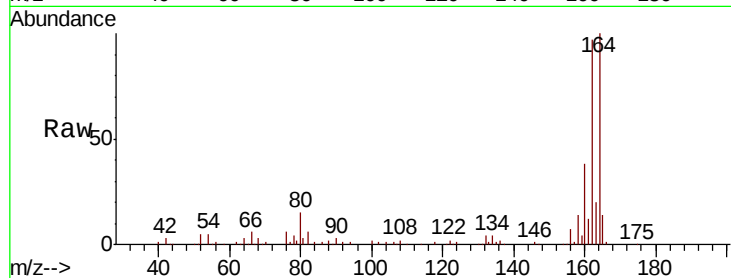
Tot Ion:164 Resp: 111738

Ion Ratio Lower Upper

164 100

162 96.6 87.0 130.4

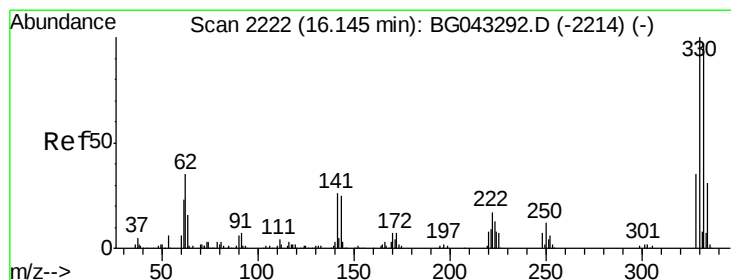
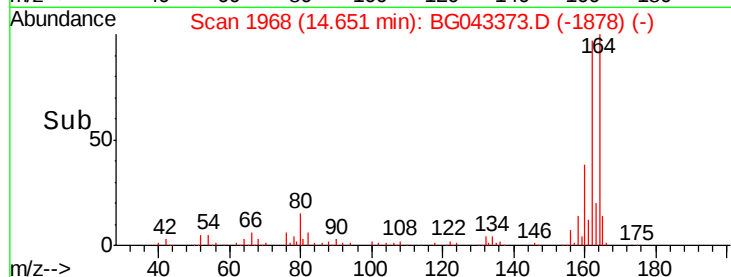
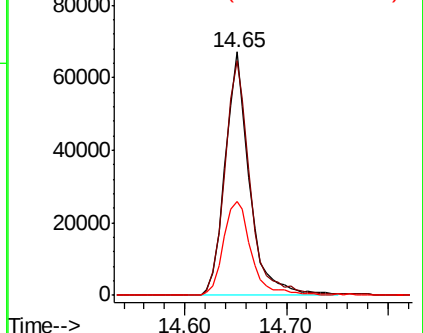
160 38.4 35.5 53.3



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: 154.734 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043373.D

Acq: 29 Oct 2019 14:27

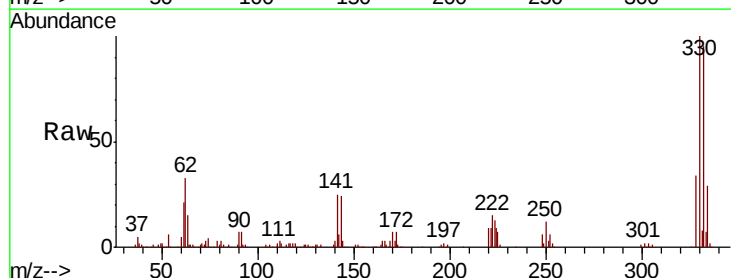
Tgt Ion:330 Resp: 329022

Ion Ratio Lower Upper

330 100

332 93.8 76.4 114.6

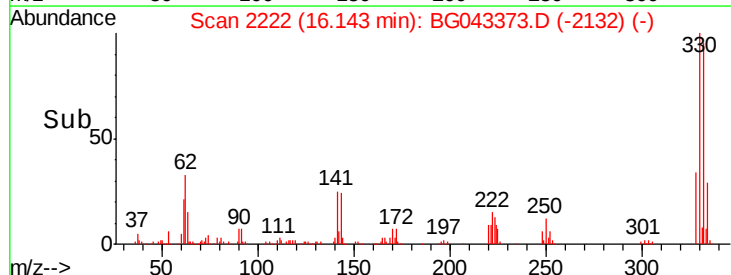
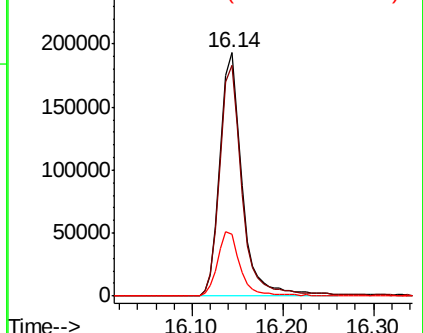
141 27.1 21.4 32.0

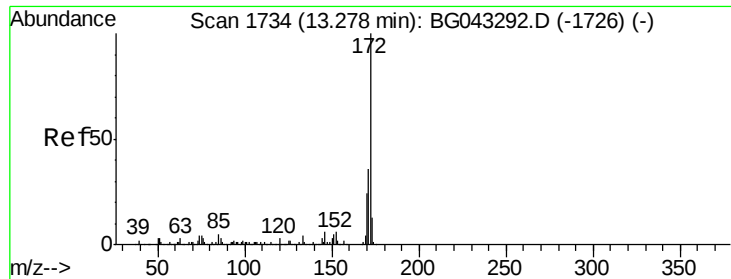


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

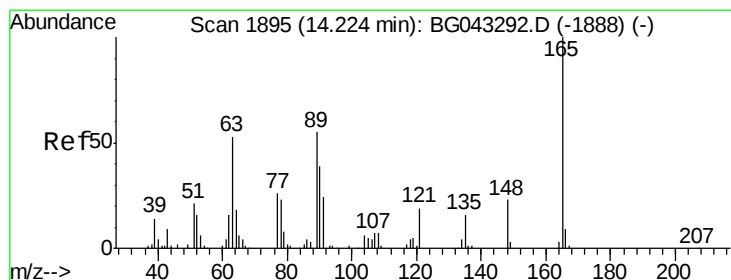
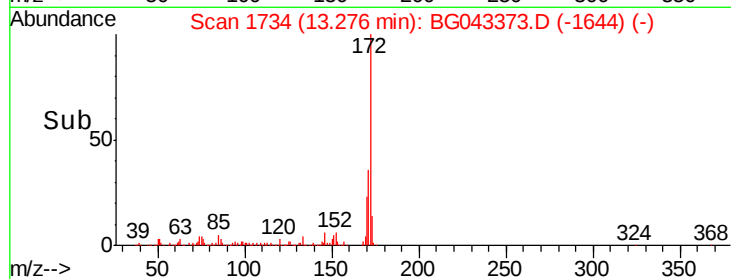
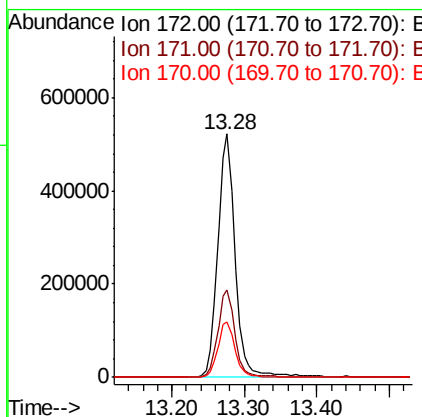
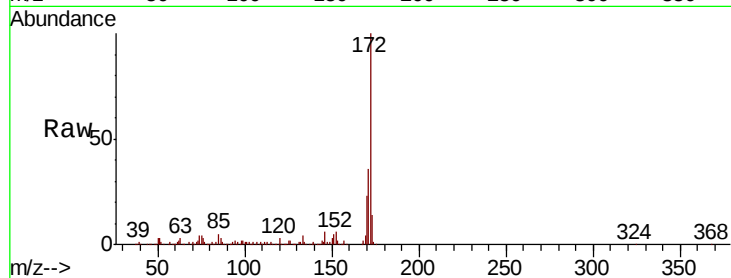




#45
 2-Fluorobiphenyl
 Concen: 108.060 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043373.D
 Acq: 29 Oct 2019 14:27

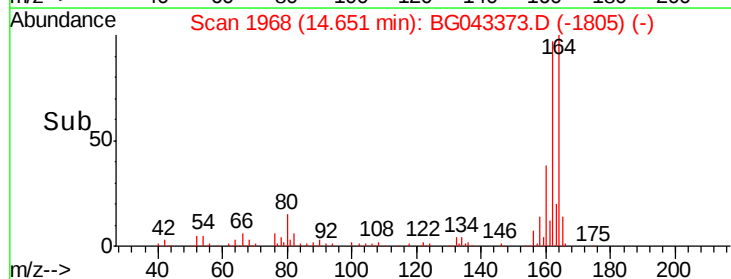
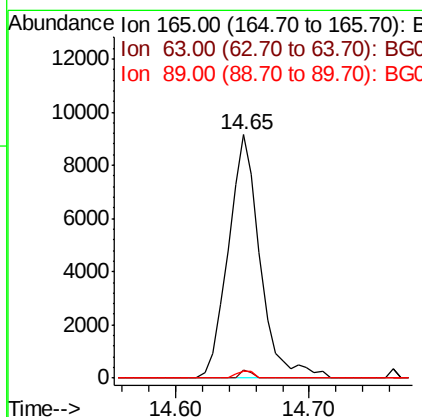
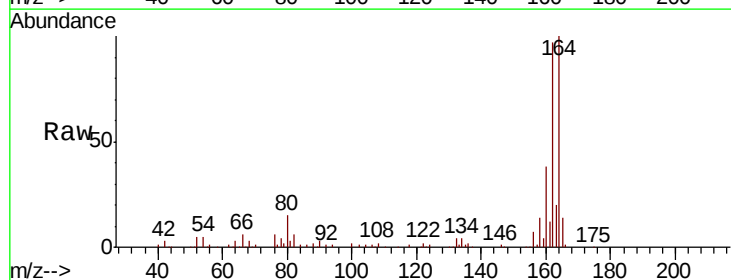
Instrument :
 BNA_G
 ClientSampleId :

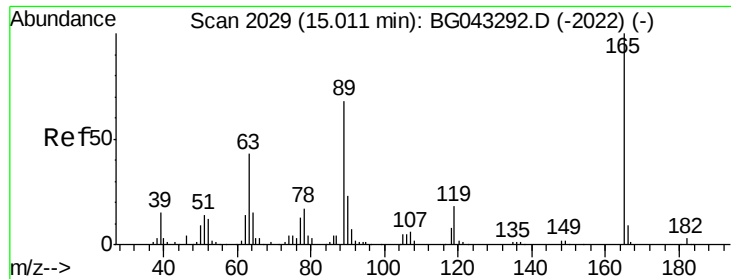
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	22.9	18.8	28.2



#51
 2,6-Dinitrotoluene
 Concen: 8.070 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.43 min
 Lab File: BG043373.D
 Acq: 29 Oct 2019 14:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.4	47.1	70.7#
89	2.8	43.7	65.5#

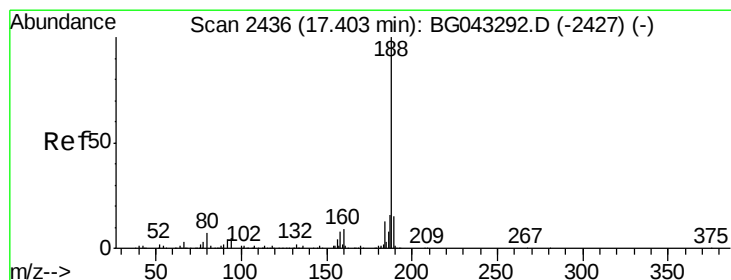
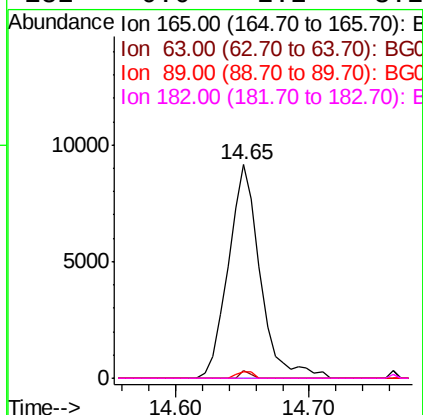
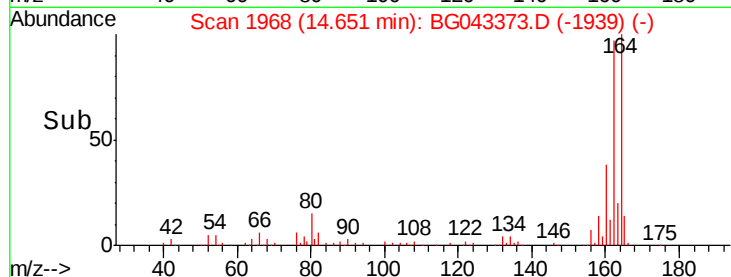
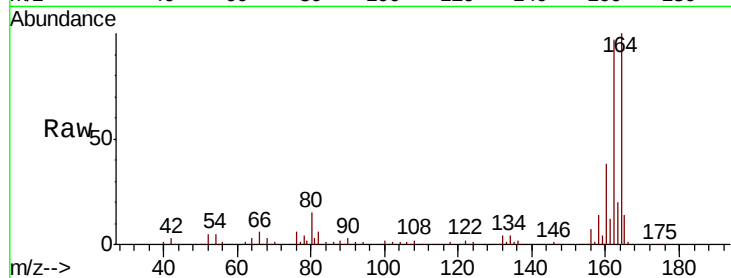




#57
 2,4-Dinitrotoluene
 Concen: 5.647 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.36 min
 Lab File: BG043373.D
 Acq: 29 Oct 2019 14:27

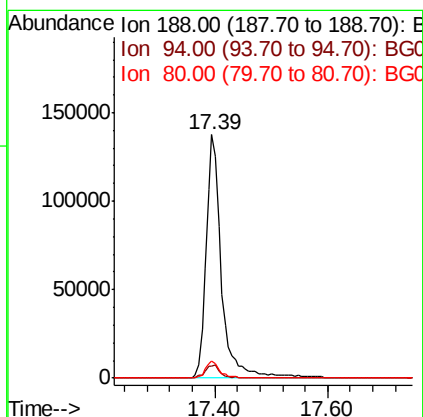
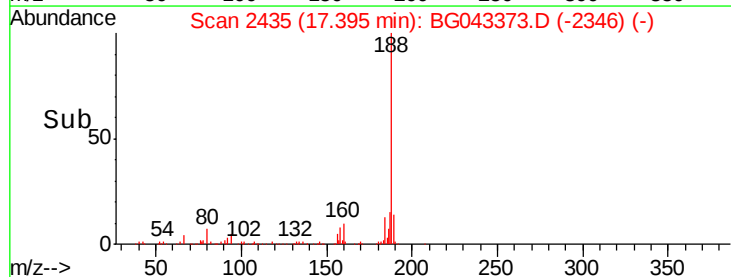
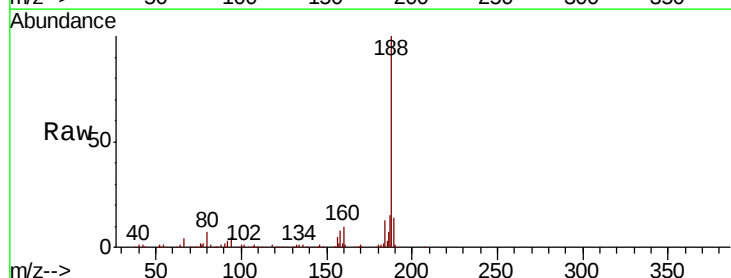
Instrument :
 BNA_G
 ClientSampled :

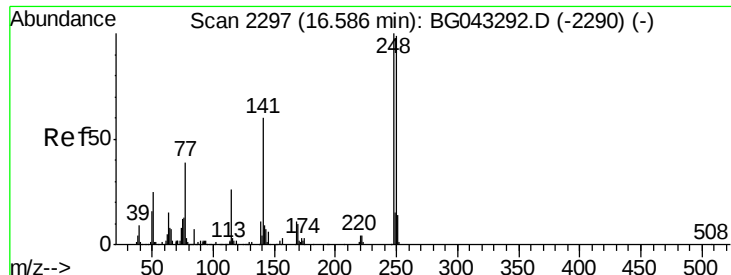
Tot Ion:165	Resp:	15174
Ion Ratio	Lower	Upper
165	100	
63	3.4	35.0 52.6#
89	2.8	54.1 81.1#
182	0.0	2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG043373.D
 Acq: 29 Oct 2019 14:27

Tgt Ion:188	Resp:	259175
Ion Ratio	Lower	Upper
188	100	
94	4.9	4.2 6.2
80	6.9	5.2 7.8

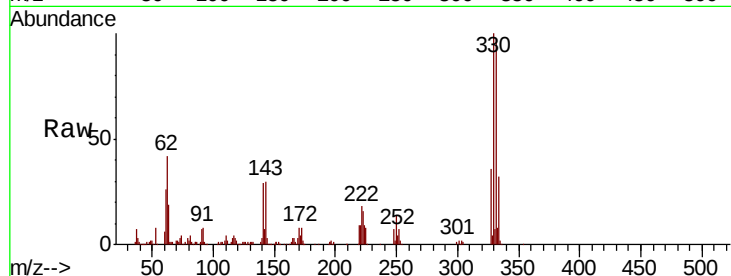




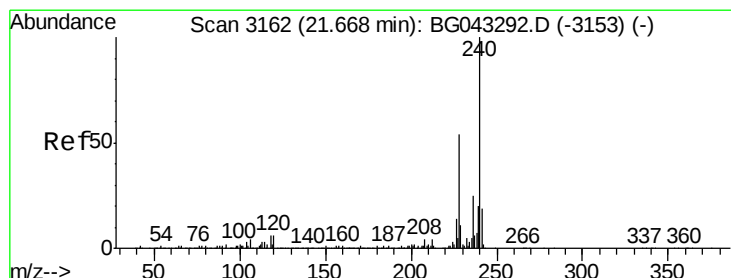
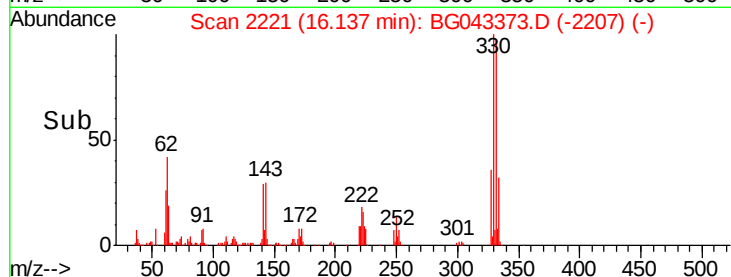
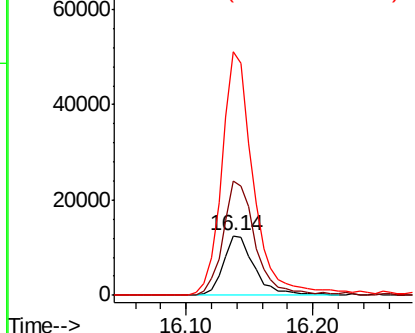
#67
4-Bromophenyl-phenylether
Concen: 6.104 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043373.D
Acq: 29 Oct 2019 14:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 21291
Ion Ratio Lower Upper
248 100
250 192.4 79.3 118.9#
141 409.6 47.9 71.9#

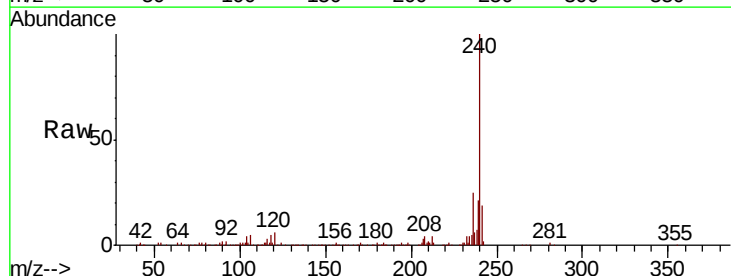


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

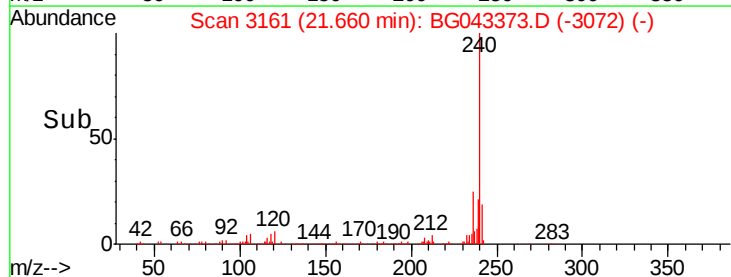
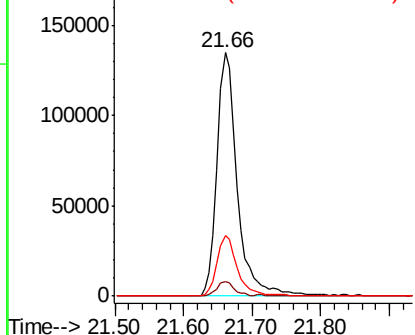


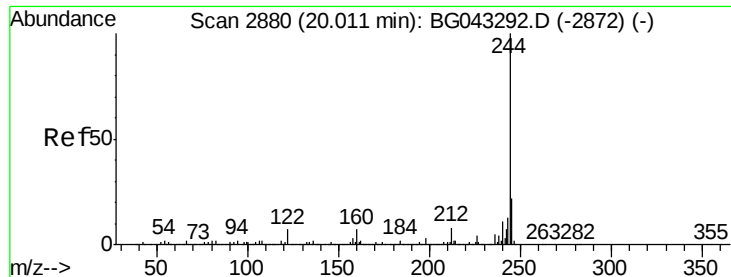
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043373.D
Acq: 29 Oct 2019 14:27

Tgt Ion:240 Resp: 276985
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 25.0 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



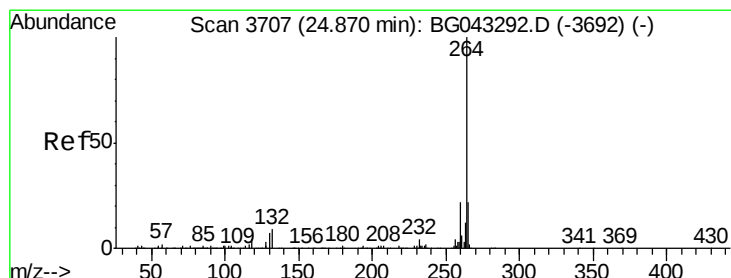
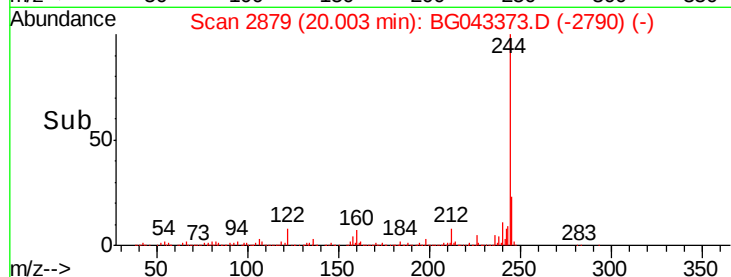
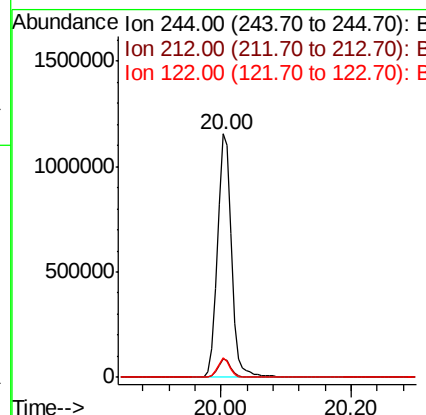
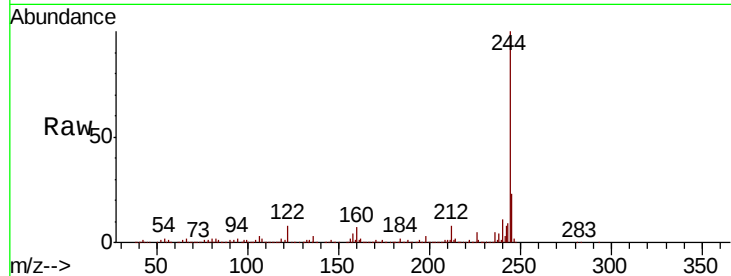


#79
 Terphenyl-d14
 Concen: 116.849 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043373.D
 Acq: 29 Oct 2019 14:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1725187

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	7.9	5.3	7.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3706
 Delta R.T. -0.01 min
 Lab File: BG043373.D
 Acq: 29 Oct 2019 14:27

Tgt Ion:264 Resp: 317393

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	22.0	17.4	26.2

