

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043632.D
 Acq On : 14 Nov 2019 14:01
 Operator : JU
 Sample : PB124754BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BL

Quant Time: Nov 15 00:57:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

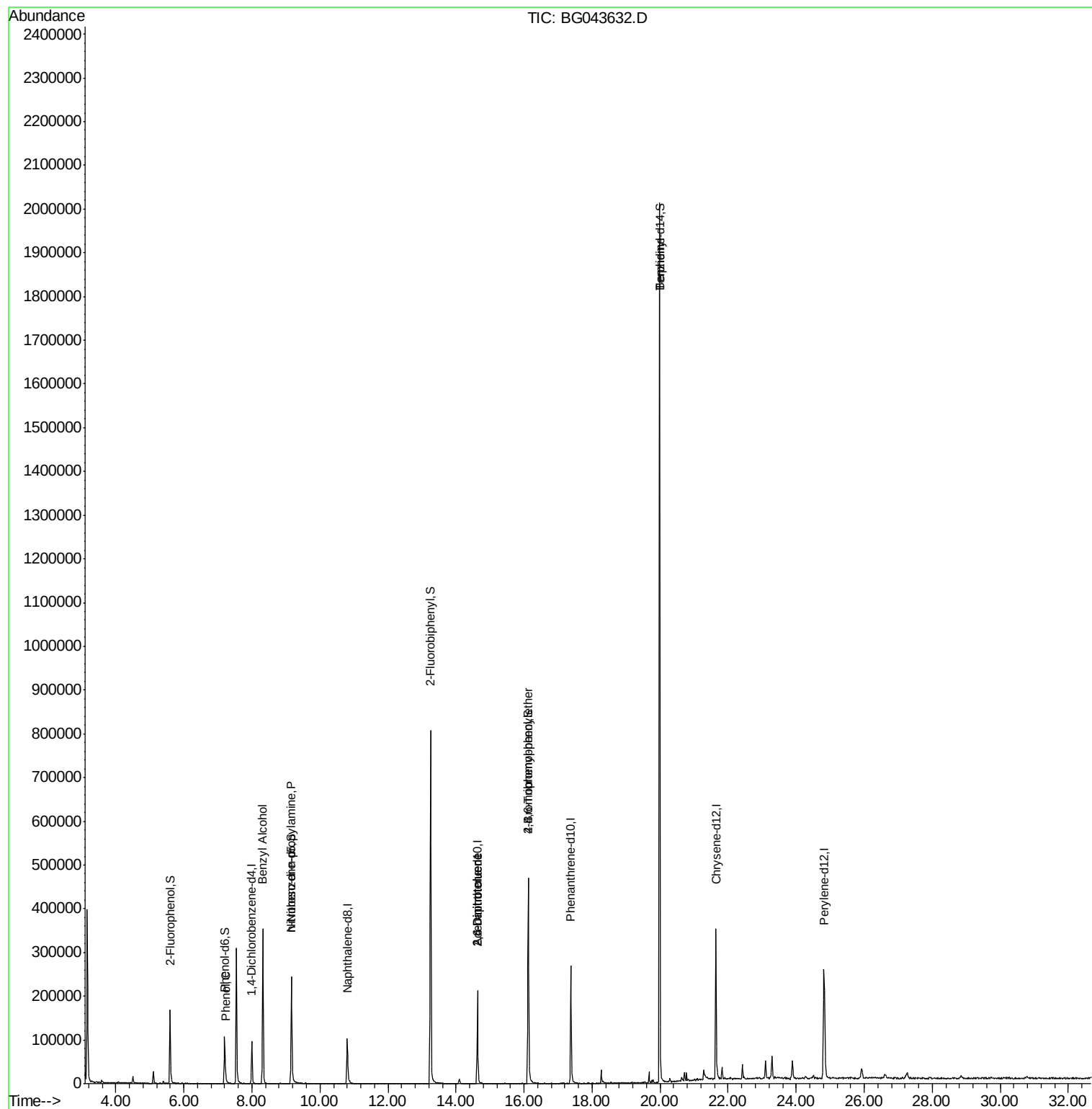
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	28740	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	109737	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	86191	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	215643	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	242363	20.00	ng	-0.02
87) Perylene-d12	24.82	264	281145	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	82805	52.80	ng	0.00
7) Phenol-d6	7.20	99	77636	34.40	ng	0.00
23) Nitrobenzene-d5	9.16	82	174494	81.98	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	127855	77.95	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	503762	80.76	ng	-0.02
79) Terphenyl-d14	19.99	244	1072461	83.02	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	5496	2.665	ng	# 73
15) Benzyl Alcohol	8.32	79	3353	2.116	ng	# 64
19) n-Nitroso-di-n-propylamine	9.16	70	23733	16.276	ng	# 74
51) 2,6-Dinitrotoluene	14.63	165	11281	7.778	ng	# 22
57) 2,4-Dinitrotoluene	14.63	165	11281	5.443	ng	# 25
67) 4-Bromophenyl-phenylether	16.12	248	8483	2.923	ng	# 1
77) Benzidine	19.98	184	15523	3.182	ng	96

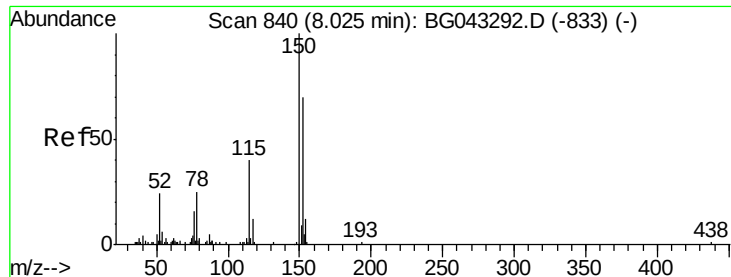
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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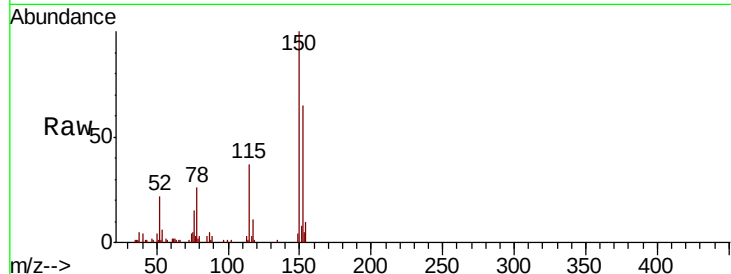


#1

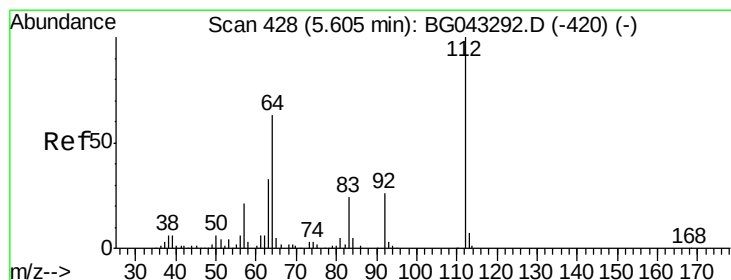
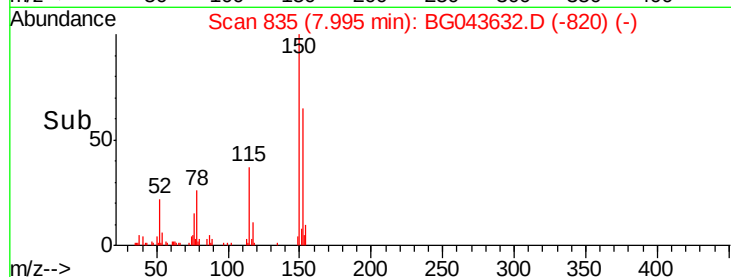
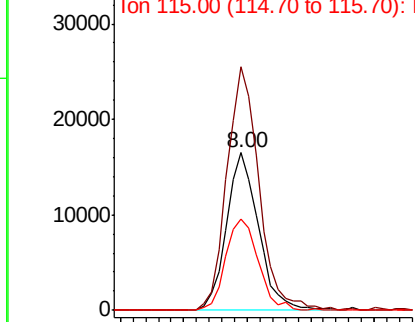
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043632.D
Acq: 14 Nov 2019 14:01

Instrument :
BNA_G
ClientSampleId :
PB124754BL

Tot Ion:152 Resp: 28740
Ion Ratio Lower Upper
152 100
150 154.4 129.4 194.0
115 57.7 48.8 73.2



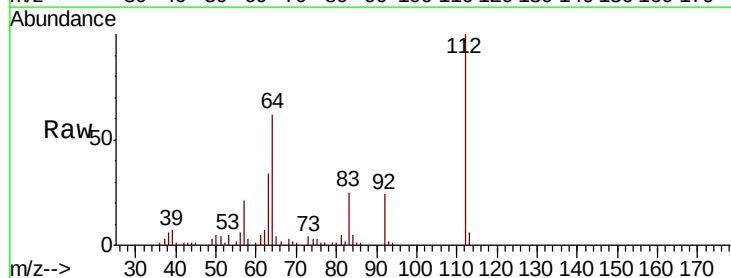
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



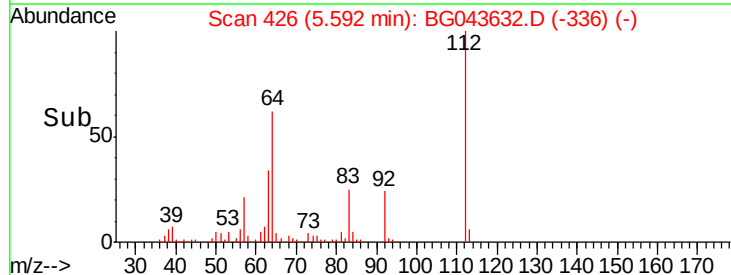
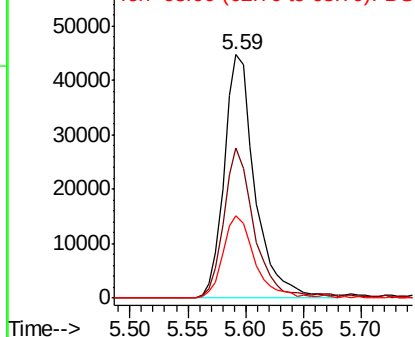
#5

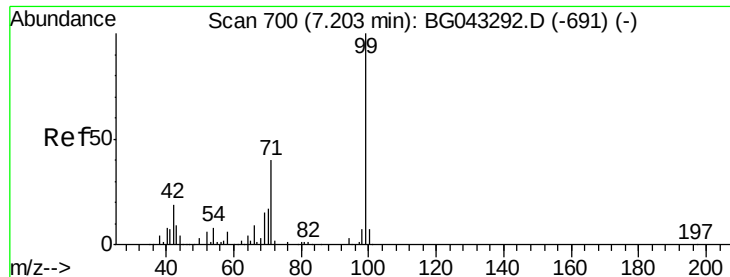
2-Fluorophenol
Concen: 52.796 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043632.D
Acq: 14 Nov 2019 14:01

Tgt Ion:112 Resp: 82805
Ion Ratio Lower Upper
112 100
64 61.6 50.0 75.0
63 33.8 26.6 40.0



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: 34.405 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043632.D

Acq: 14 Nov 2019 14:01

Instrument :

BNA_G

ClientSampleId :

PB124754BL

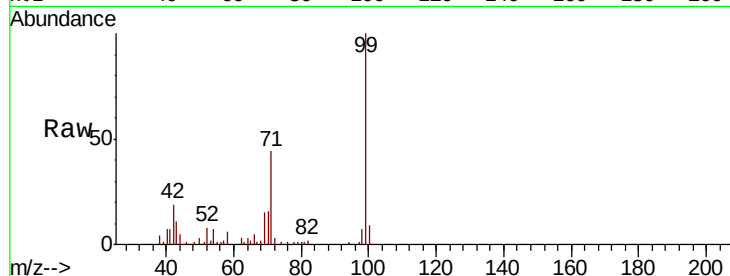
Tot Ion: 99 Resp: 77636

Ion Ratio Lower Upper

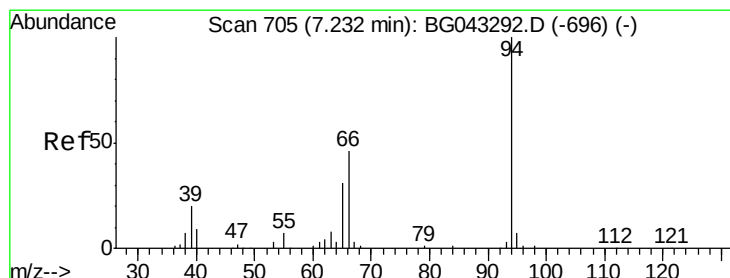
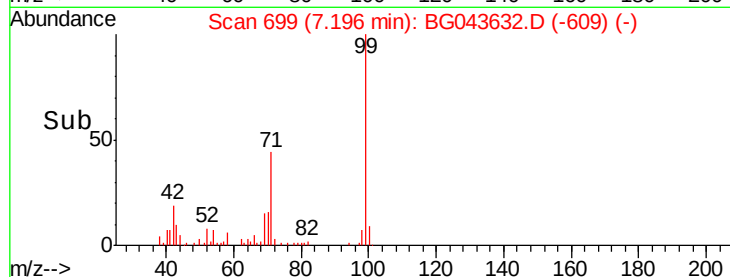
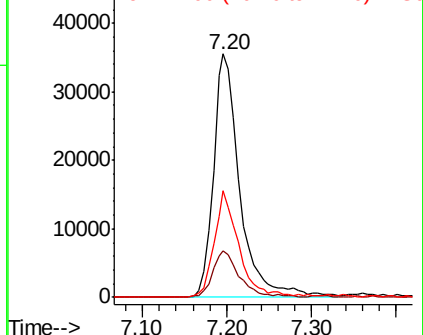
99 100

42 19.0 14.6 21.8

71 44.1 32.5 48.7



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: 2.665 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043632.D

Acq: 14 Nov 2019 14:01

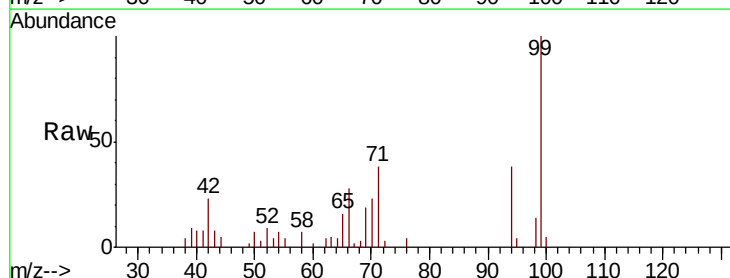
Tgt Ion: 94 Resp: 5496

Ion Ratio Lower Upper

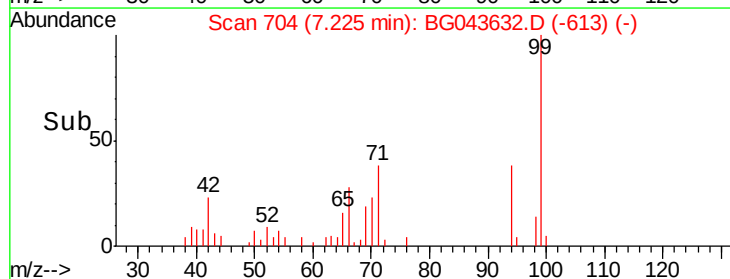
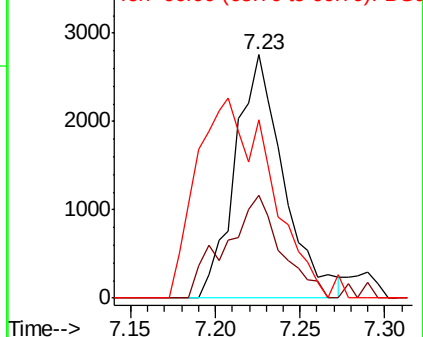
94 100

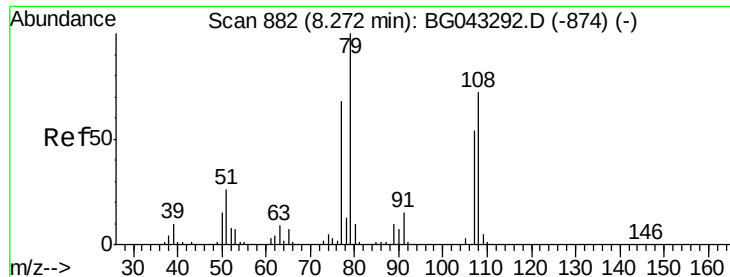
65 42.2 12.6 52.6

66 73.4 30.7 70.7#



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





#15

Benzyl Alcohol

Concen: 2.116 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.06 min

Lab File: BG043632.D

Acq: 14 Nov 2019 14:01

Instrument :

BNA_G

ClientSampleId :

PB124754BL

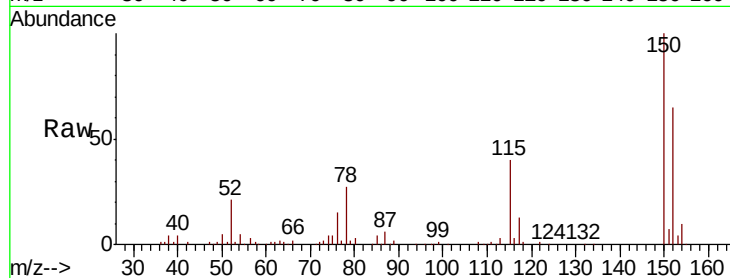
Tot Ion: 79 Resp: 3353

Ion Ratio Lower Upper

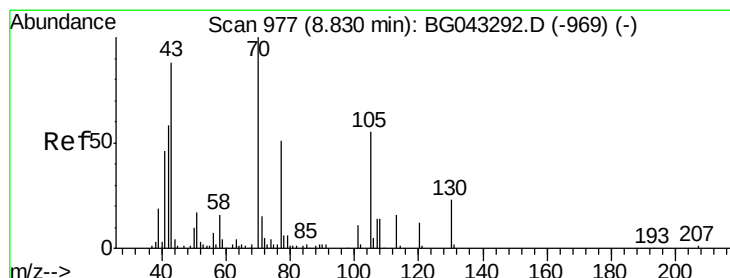
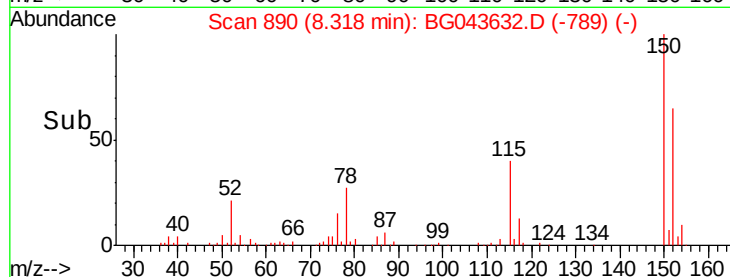
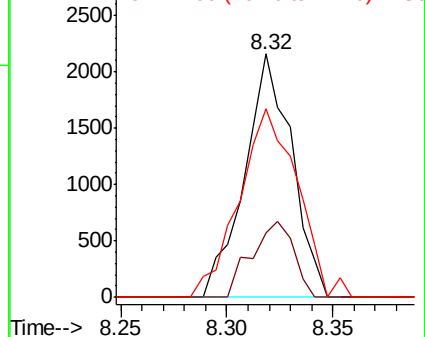
79 100

108 26.7 53.6 80.4#

77 77.6 49.6 74.4#



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: 16.276 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.35 min

Lab File: BG043632.D

Acq: 14 Nov 2019 14:01

Tgt Ion: 70 Resp: 23733

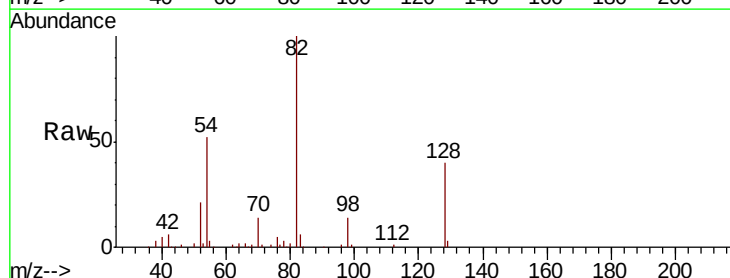
Ion Ratio Lower Upper

70 100

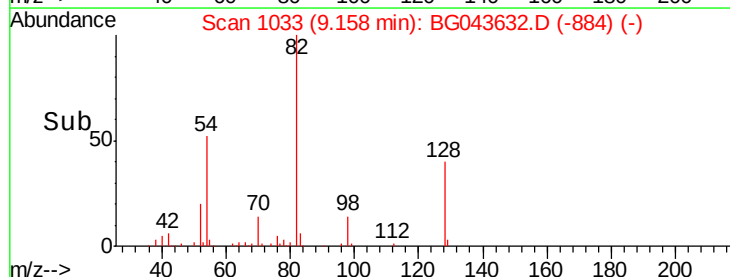
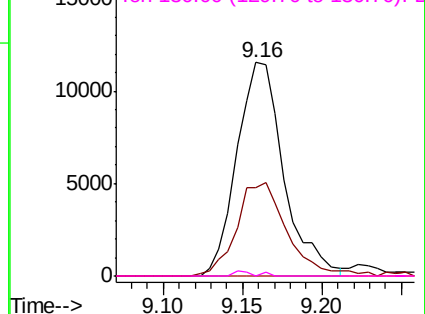
42 41.1 41.4 62.2#

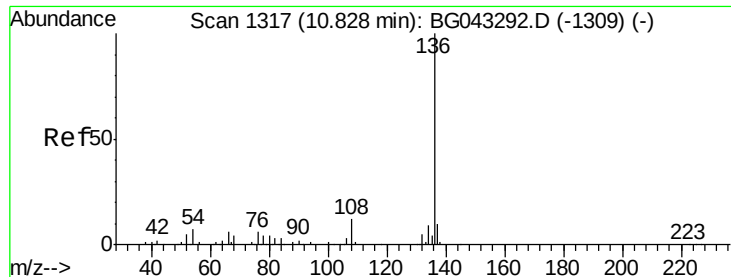
101 0.0 7.9 11.9#

130 0.0 19.0 28.4#



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

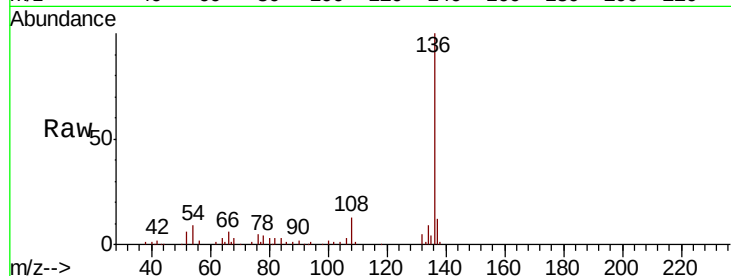




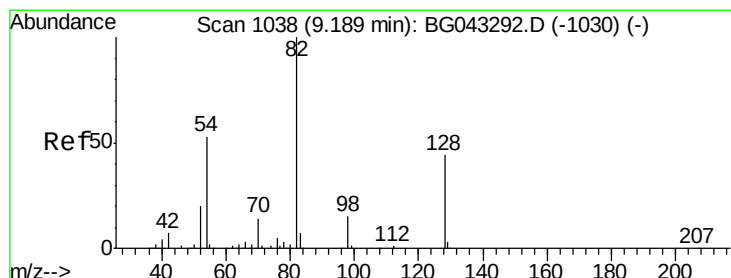
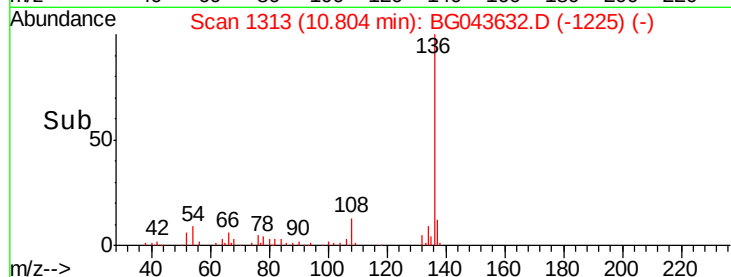
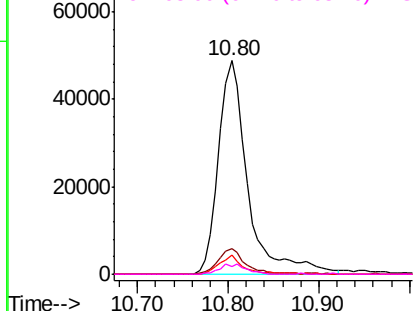
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043632.D
Acq: 14 Nov 2019 14:01

Instrument :
BNA_G
ClientSampleId :
PB124754BL

Tot Ion:136	Resp:	109737
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.7 13.1
54	8.9	5.4 8.2#
68	3.4	3.0 4.4

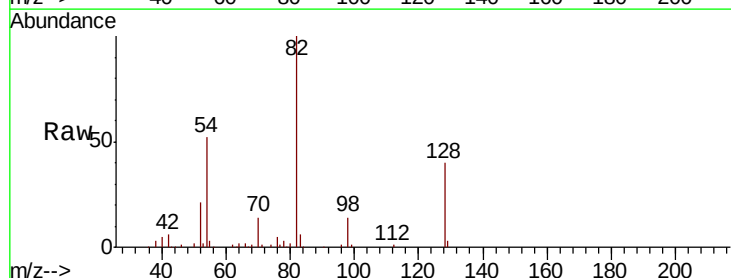


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

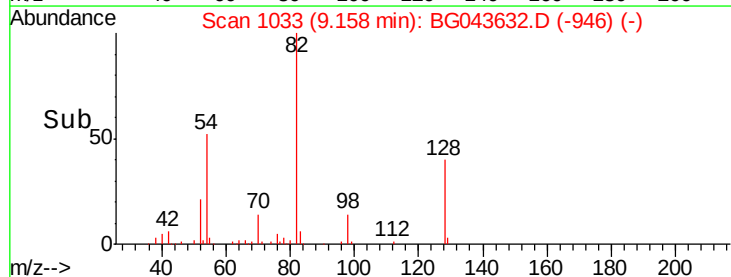
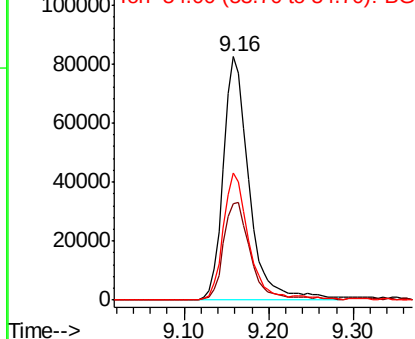


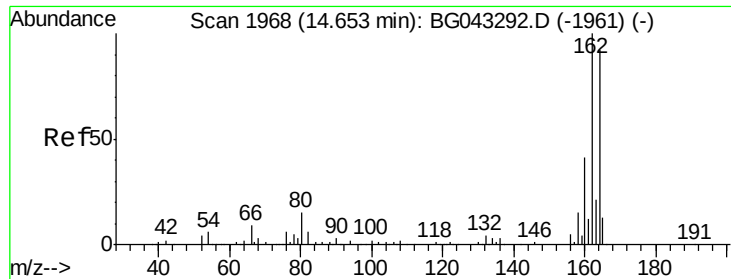
#23
Nitrobenzene-d5
Concen: 81.977 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043632.D
Acq: 14 Nov 2019 14:01

Tgt Ion: 82	Resp:	174494
Ion Ratio	Lower	Upper
82	100	
128	39.7	35.0 52.6
54	52.4	40.2 60.2



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: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043632.D

Acq: 14 Nov 2019 14:01

Instrument :

BNA_G

ClientSampleId :

PB124754BL

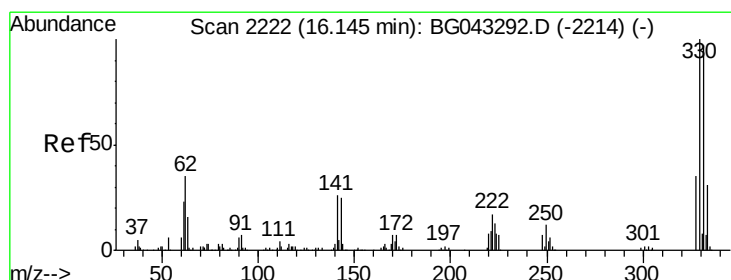
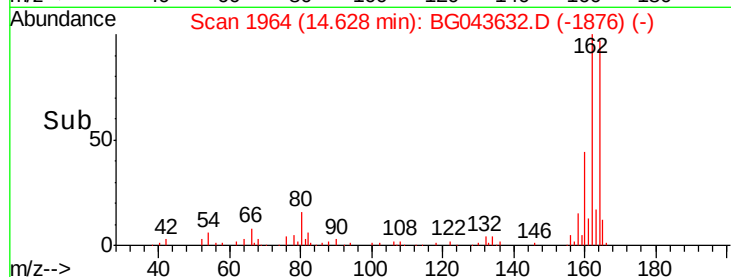
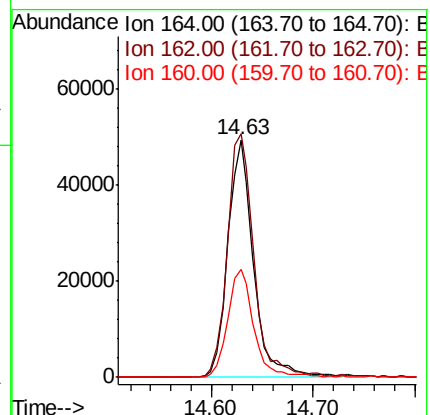
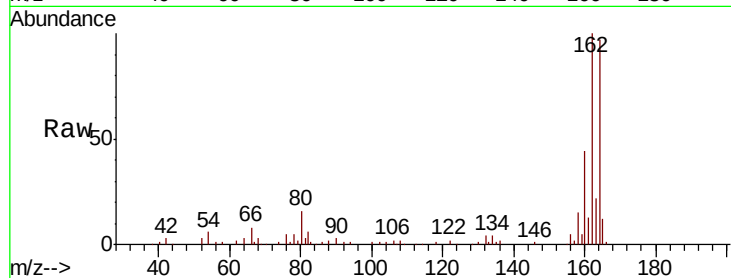
Tot Ion:164 Resp: 86191

Ion Ratio Lower Upper

164 100

162 102.6 83.5 125.3

160 45.4 36.5 54.7



#42

2,4,6-Tribromophenol

Concen: 77.950 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043632.D

Acq: 14 Nov 2019 14:01

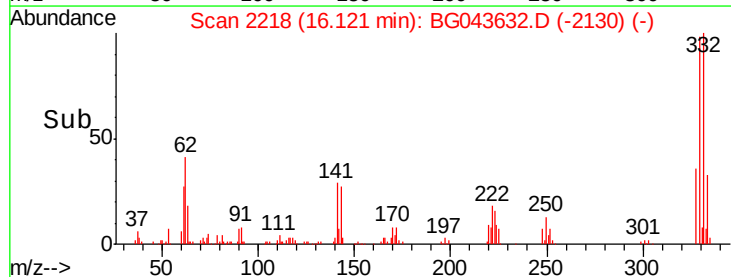
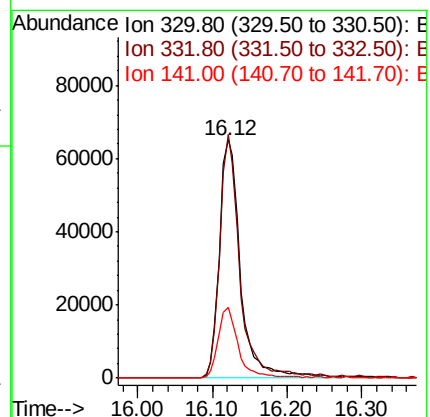
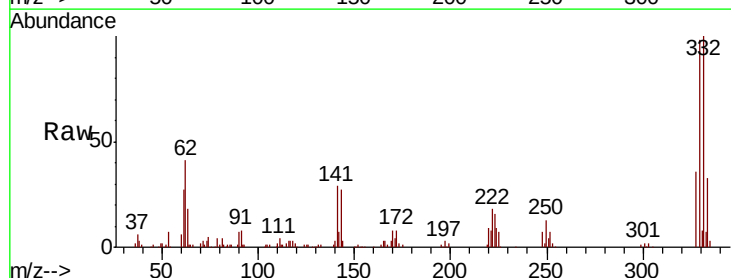
Tgt Ion:330 Resp: 127855

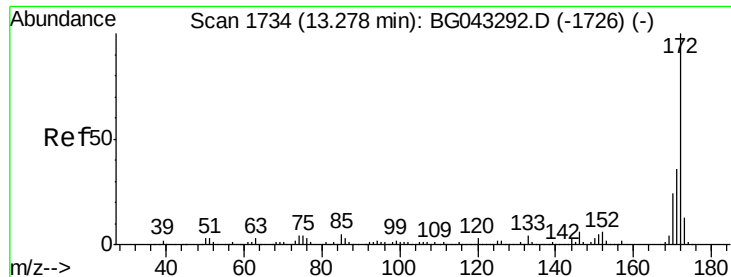
Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

141 27.9 22.8 34.2

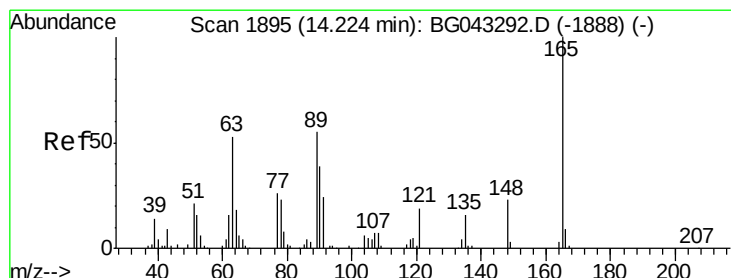
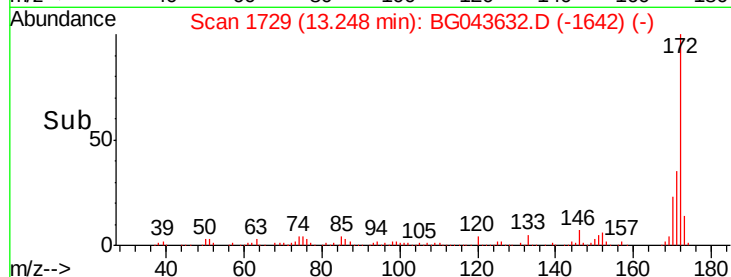
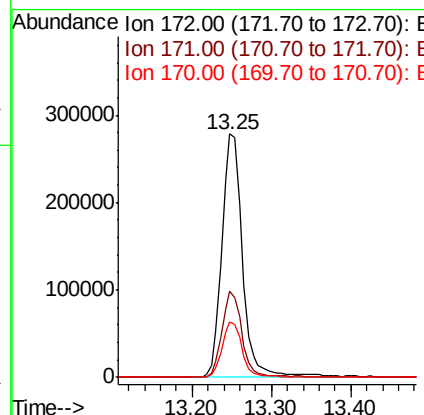
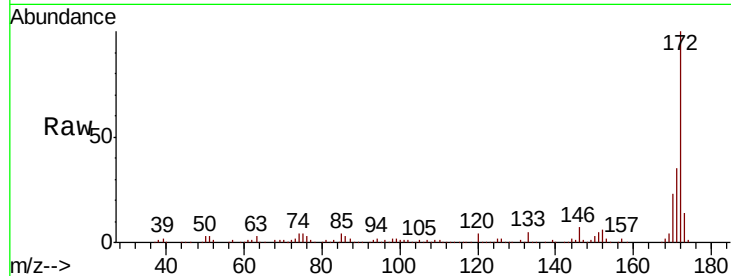




#45
 2-Fluorobiphenyl
 Concen: 80.762 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043632.D
 Acq: 14 Nov 2019 14:01

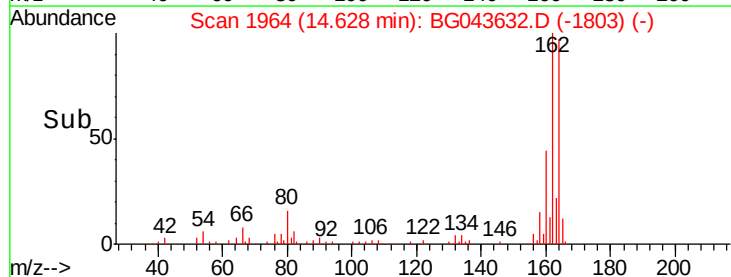
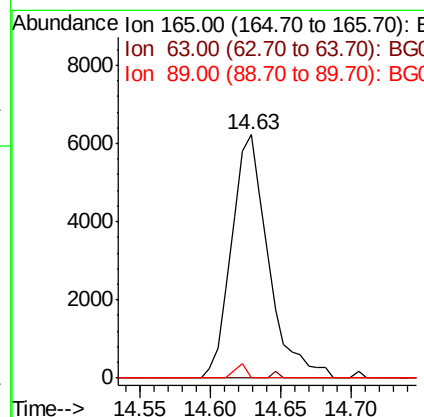
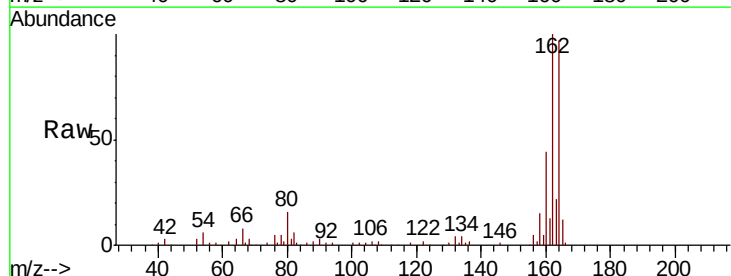
Instrument :
 BNA_G
 ClientSampleId :
 PB124754BL

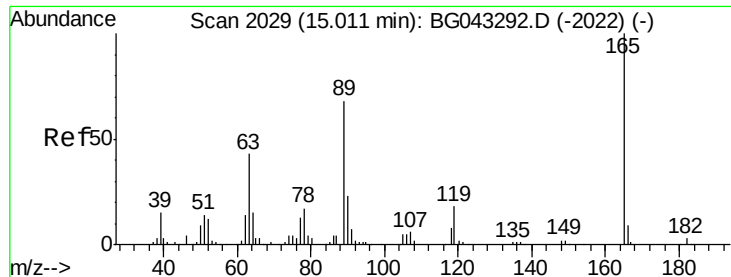
Tot Ion:172 Resp: 503762
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 22.8 18.5 27.7



#51
 2,6-Dinitrotoluene
 Concen: 7.778 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.42 min
 Lab File: BG043632.D
 Acq: 14 Nov 2019 14:01

Tgt Ion:165 Resp: 11281
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.6 69.8#
 89 0.0 45.1 67.7#

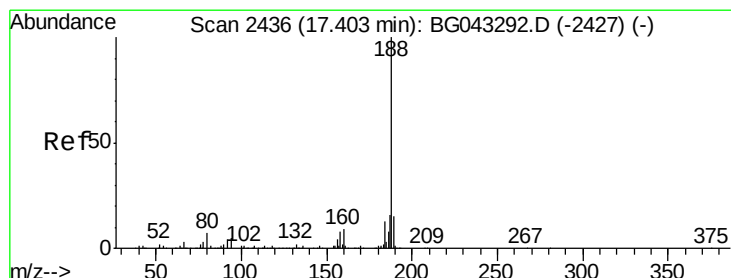
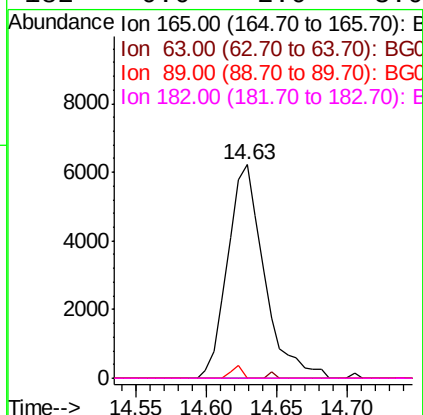
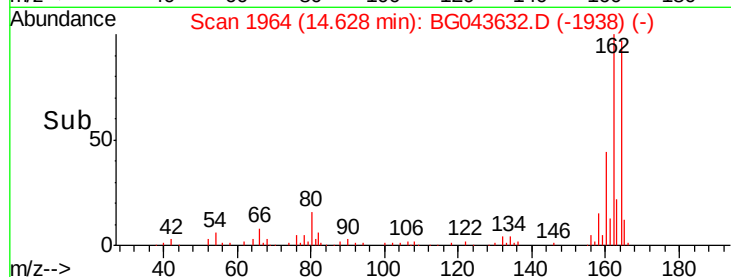
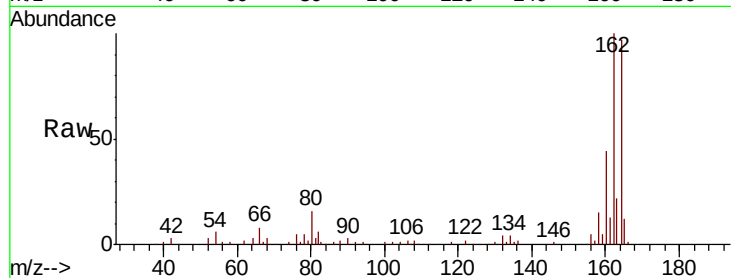




#57
 2,4-Dinitrotoluene
 Concen: 5.443 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.38 min
 Lab File: BG043632.D
 Acq: 14 Nov 2019 14:01

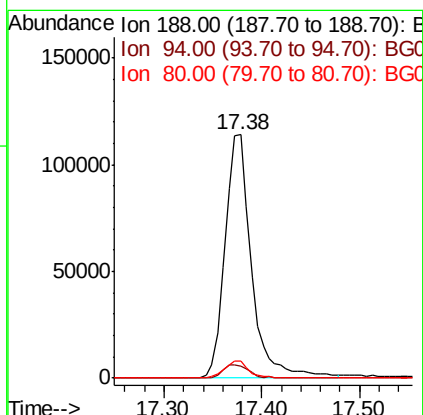
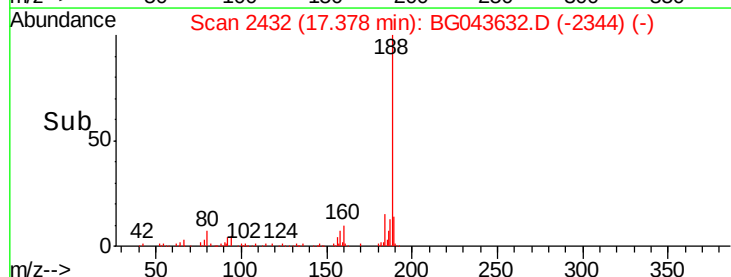
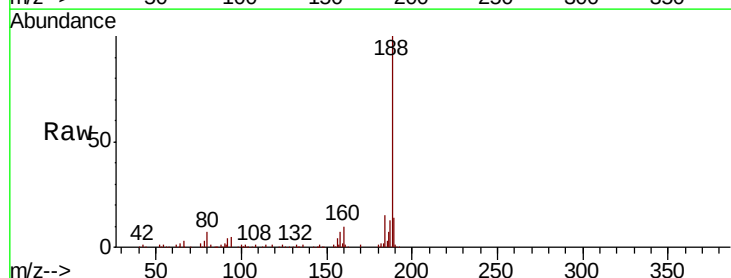
Instrument :
 BNA_G
 ClientSampleId :
 PB124754BL

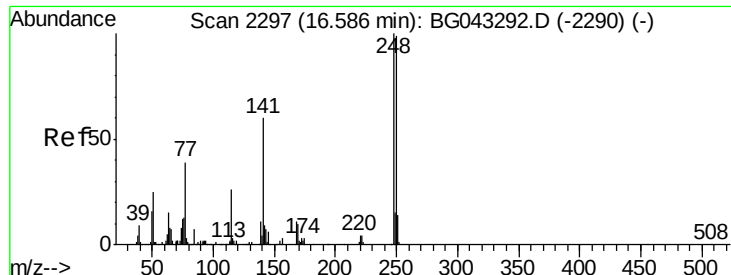
Tot Ion:165	Resp:	11281
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.2 49.8#
89	0.0	52.2 78.4#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BG043632.D
 Acq: 14 Nov 2019 14:01

Tgt Ion:188	Resp:	215643
Ion Ratio	Lower	Upper
188	100	
94	5.2	4.2 6.4
80	7.1	4.5 6.7#

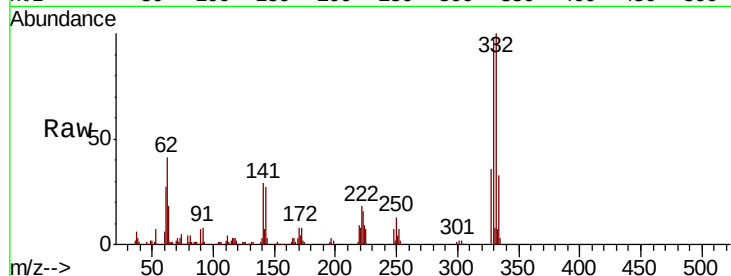




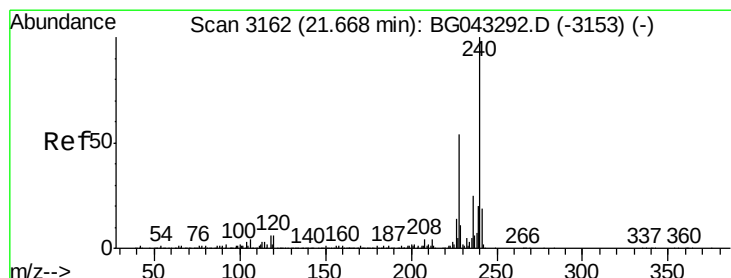
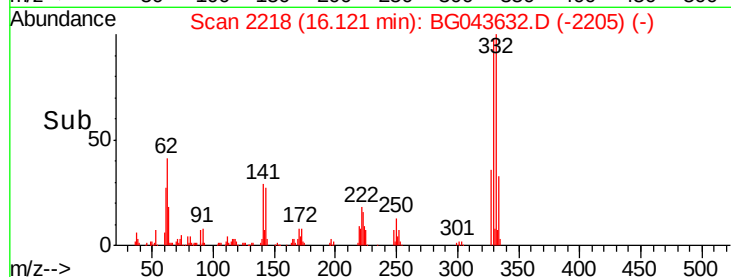
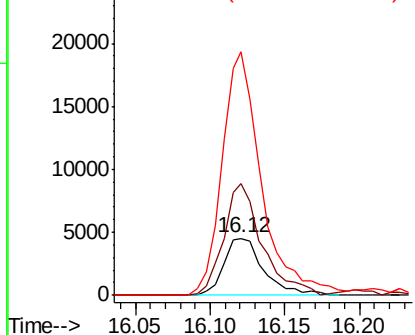
#67
4-Bromophenyl-phenylether
Concen: 2.923 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.45 min
Lab File: BG043632.D
Acq: 14 Nov 2019 14:01

Instrument :
BNA_G
ClientSampleId :
PB124754BL

Tot Ion:248 Resp: 8483
Ion Ratio Lower Upper
248 100
250 195.0 77.0 115.4#
141 426.2 47.5 71.3#

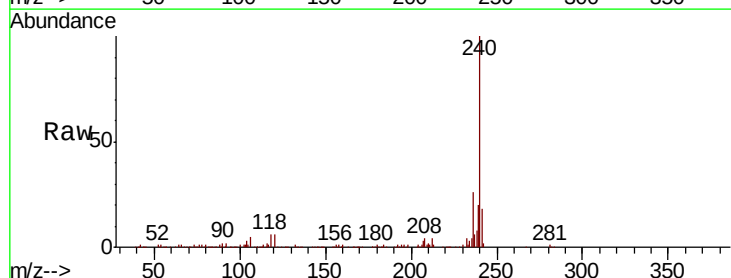


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

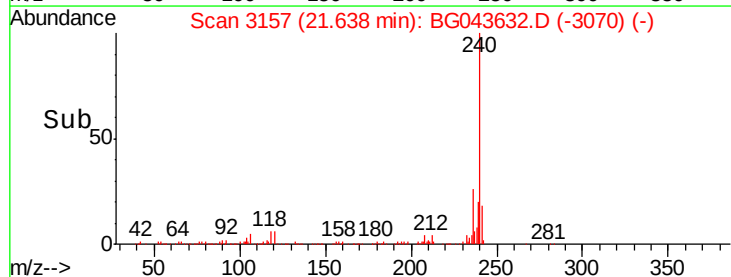
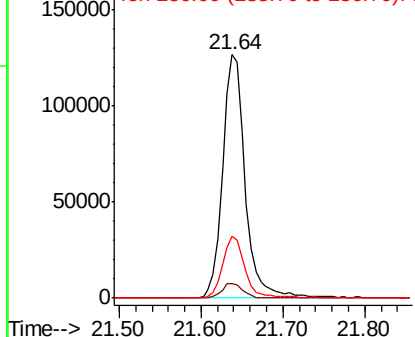


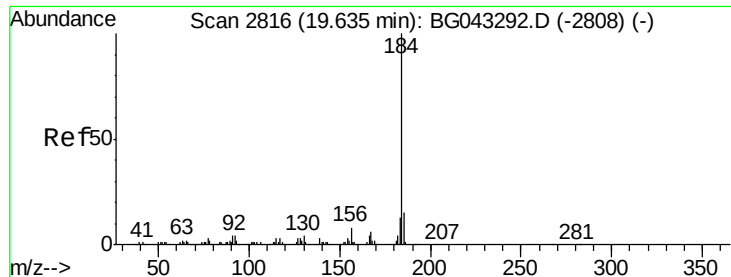
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043632.D
Acq: 14 Nov 2019 14:01

Tgt Ion:240 Resp: 242363
Ion Ratio Lower Upper
240 100
120 6.0 4.6 6.8
236 25.6 19.8 29.8



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: 3.182 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.36 min

Lab File: BG043632.D

Acq: 14 Nov 2019 14:01

Instrument :

BNA_G

ClientSampleId :

PB124754BL

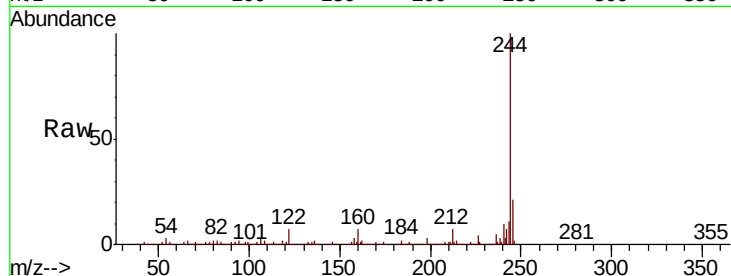
Tot Ion:184 Resp: 15523

Ion Ratio Lower Upper

184 100

185 15.6 11.0 16.4

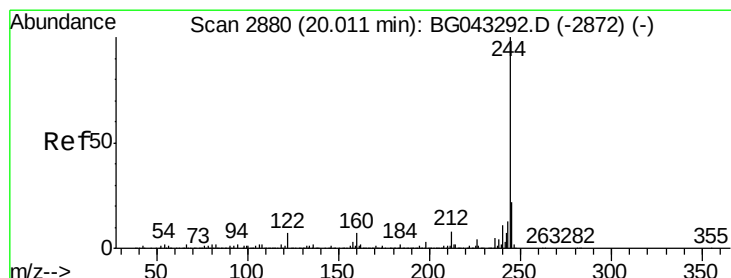
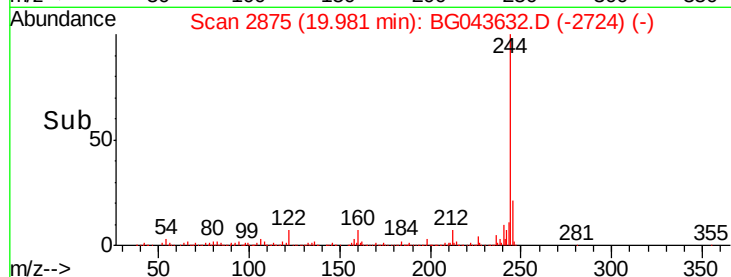
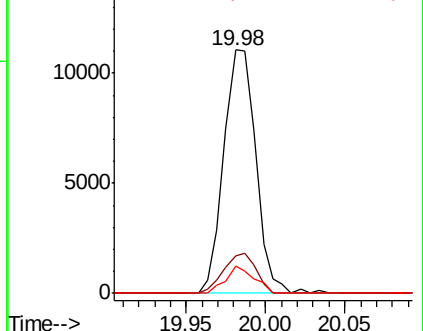
183 11.0 10.0 15.0



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: 83.016 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043632.D

Acq: 14 Nov 2019 14:01

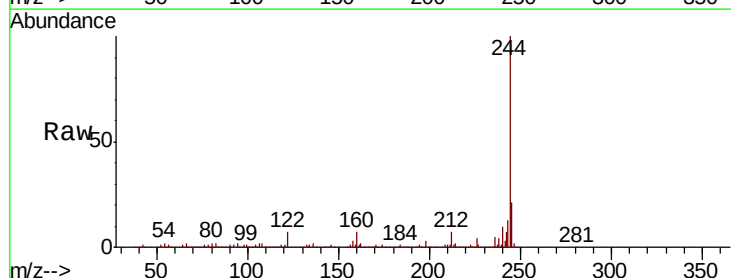
Tgt Ion:244 Resp: 1072461

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

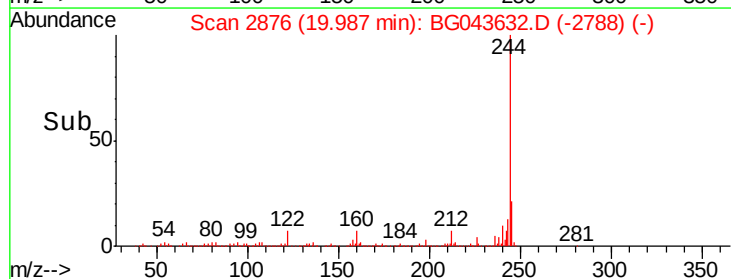
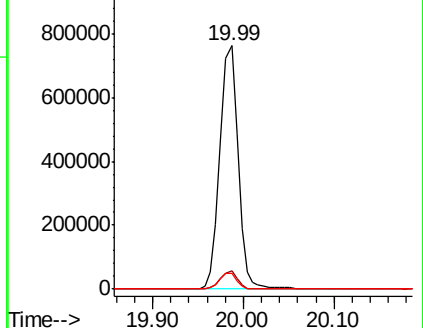
122 6.6 5.4 8.2

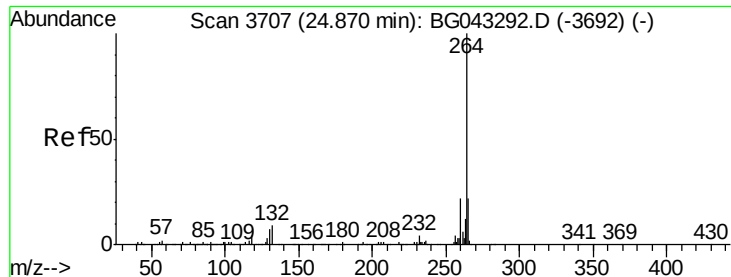


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.82 min Scan# 3699
Delta R.T. -0.03 min
Lab File: BG043632.D
Acq: 14 Nov 2019 14:01

Instrument :
BNA_G
ClientSampleId :
PB124754BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.5	26.3
265	22.1	17.4	26.0

