

Data File : BG043933.D
Acq On : 6 Jan 2020 16:02
Operator : JU
Sample : K6482-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB

Quant Time: Jan 07 04:46:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	128292	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	559465	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	380509	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	827235	20.00	ng	0.00
76) Chrysene-d12	21.58	240	709484	20.00	ng	0.00
87) Perylene-d12	24.71	264	790706	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	546628	78.23	ng	0.00
7) Phenol-d6	7.13	99	505584	51.77	ng	0.00
23) Nitrobenzene-d5	9.11	82	766802	73.32	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	488534	122.69	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1720760	81.93	ng	0.00
79) Terphenyl-d14	19.95	244	2402864	80.51	ng	0.00

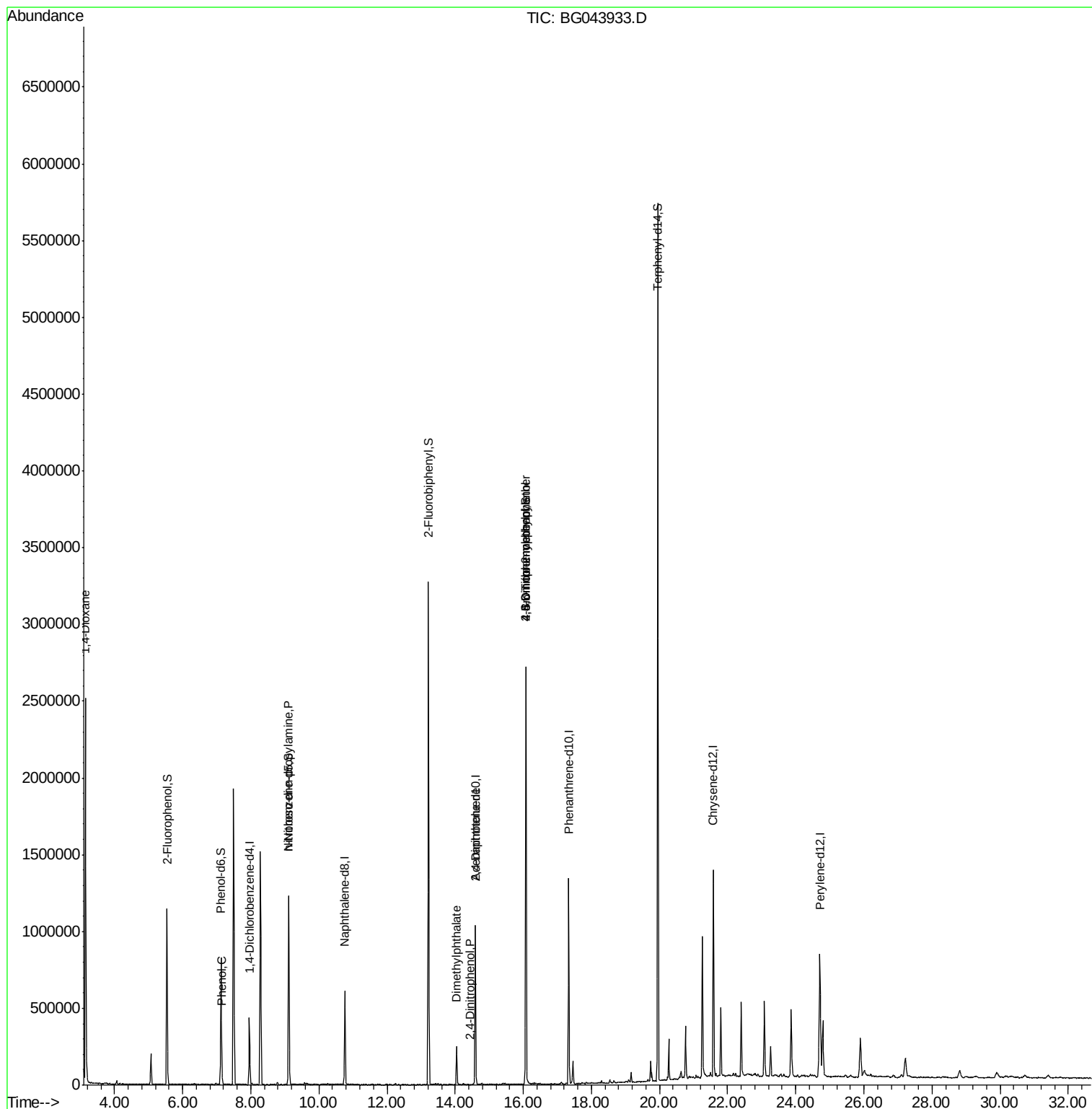
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	20986	6.889	ng	# 1
10) Phenol	7.15	94	34168	3.395	ng	# 95
19) n-Nitroso-di-n-propylamine	9.11	70	100227	13.780	ng	# 80
50) Dimethylphthalate	14.04	163	167885	6.214	ng	# 96
54) 2,4-Dinitrophenol	14.45	184	59	5.501	ng	# 20
57) 2,4-Dinitrotoluene	14.59	165	50082	6.027	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.08	198	1950	4.805	ng	# 16
67) 4-Bromophenyl-phenylether	16.08	248	35330	3.797	ng	# 1

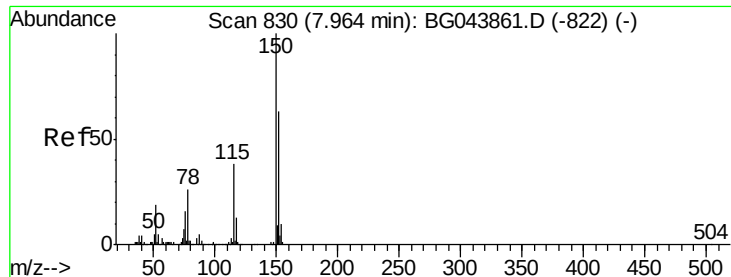
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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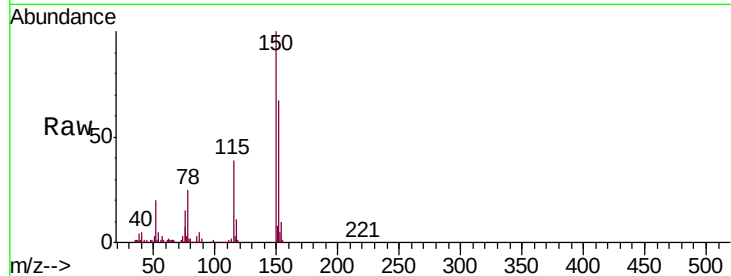


#1

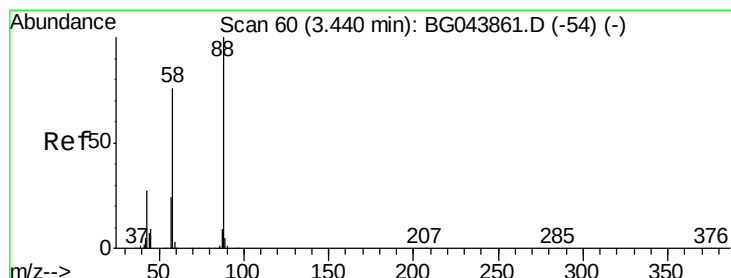
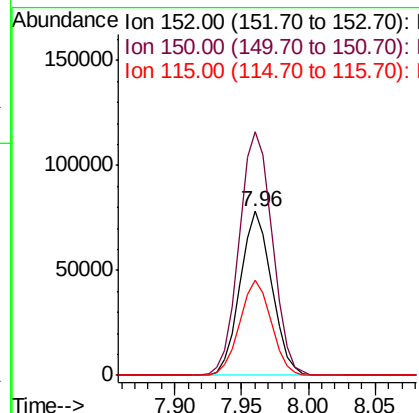
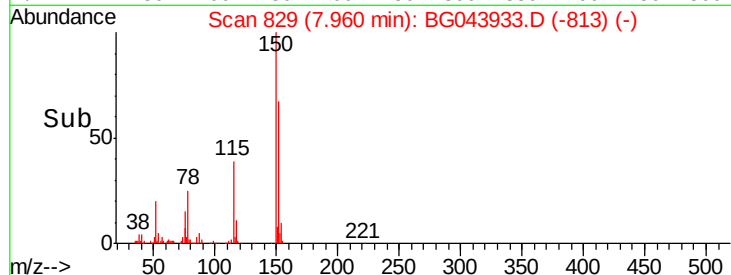
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043933.D
Acq: 6 Jan 2020 16:02

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion:152 Resp: 128292
Ion Ratio Lower Upper
152 100
150 148.4 127.0 190.4
115 58.2 47.8 71.8



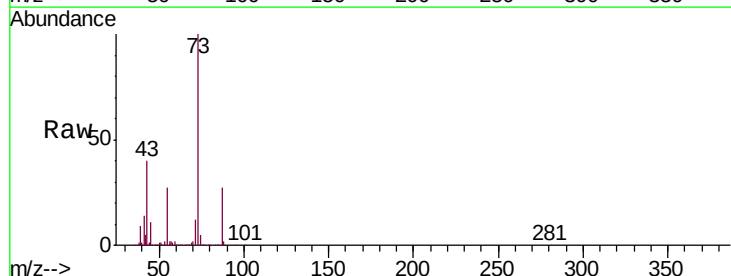
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



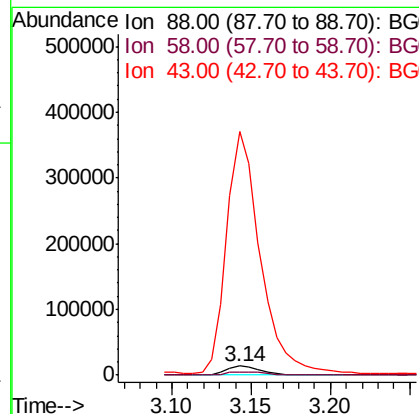
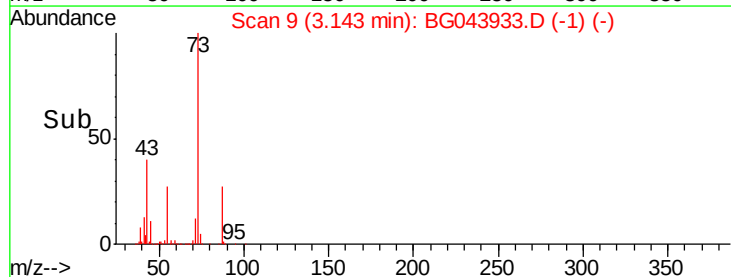
#2

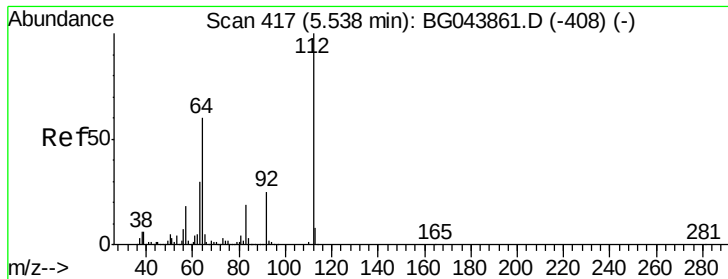
1,4-Dioxane
Concen: 6.889 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.30 min
Lab File: BG043933.D
Acq: 6 Jan 2020 16:02

Tgt Ion: 88 Resp: 20986
Ion Ratio Lower Upper
88 100
58 36.5 59.8 89.8#
43 2610.2 22.9 34.3#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 78.234 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

FB

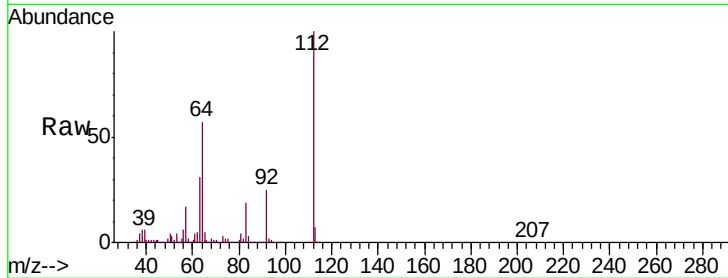
Tgt Ion: 112 Resp: 546628

Ion Ratio Lower Upper

112 100

64 57.1 47.8 71.6

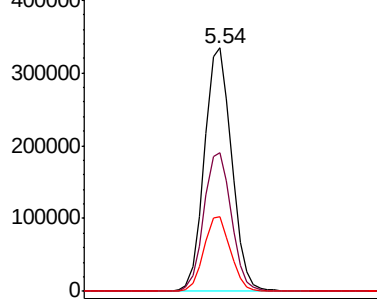
63 30.8 24.3 36.5



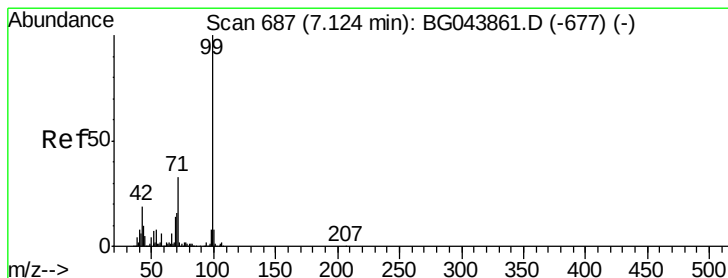
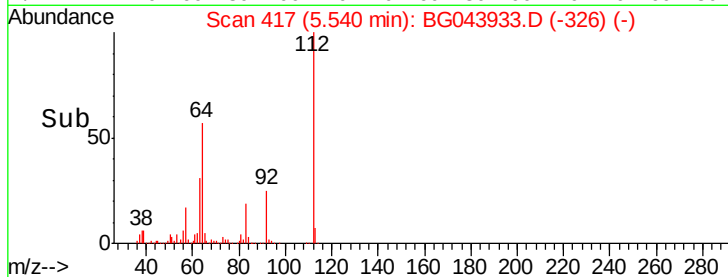
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->



#7

Phenol-d6

Concen: 51.766 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

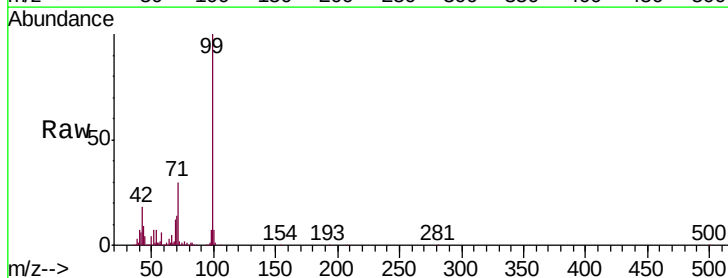
Tgt Ion: 99 Resp: 505584

Ion Ratio Lower Upper

99 100

42 17.7 14.9 22.3

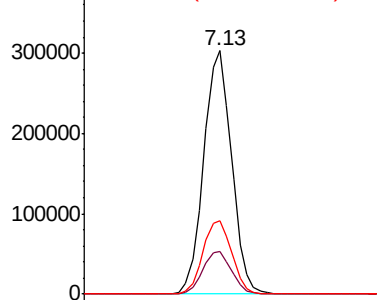
71 30.2 26.4 39.6



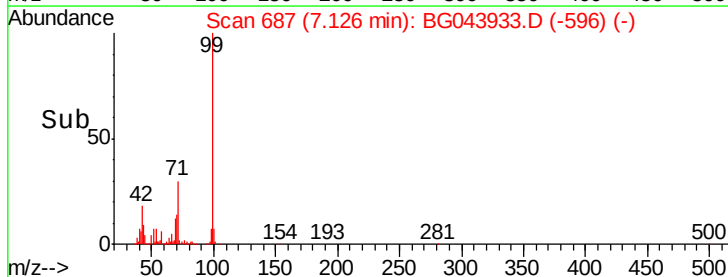
Abundance Ion 99.00 (98.70 to 99.70): BGC

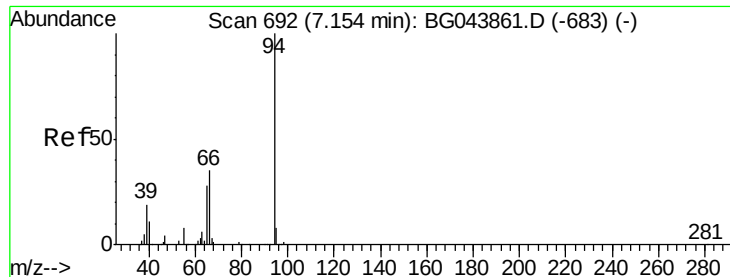
Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->





#10

Phenol

Concen: 3.395 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Instrument :

BNA_G

ClientSampled :

FB

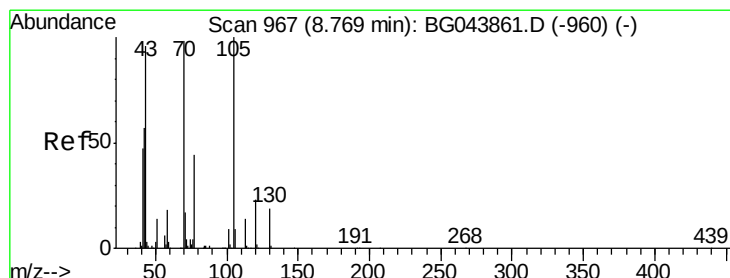
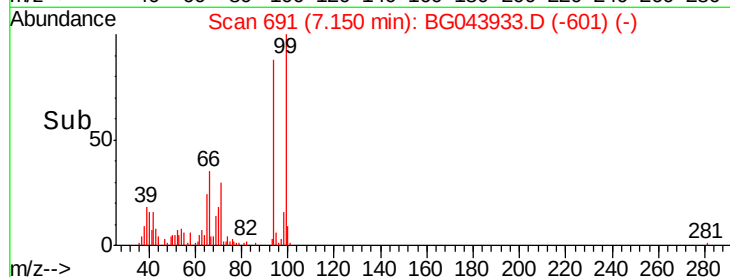
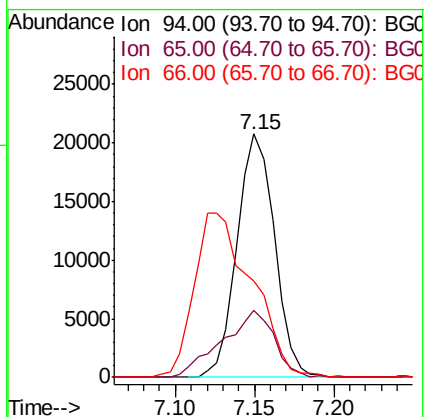
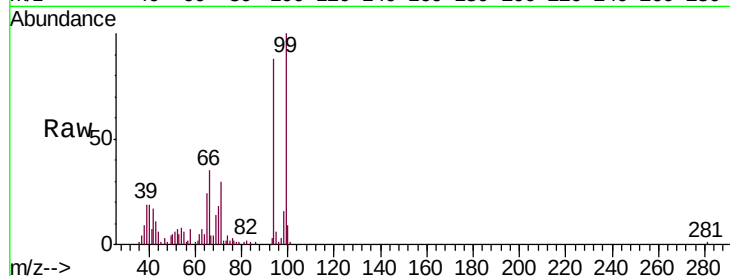
Tgt Ion: 94 Resp: 34168

Ion Ratio Lower Upper

94 100

65 27.5 8.1 48.1

66 39.9 15.6 55.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.780 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.34 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Tgt Ion: 70 Resp: 100227

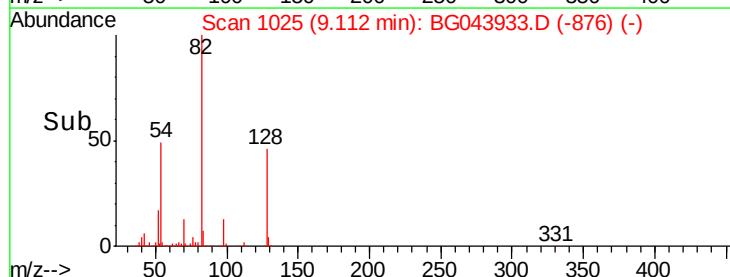
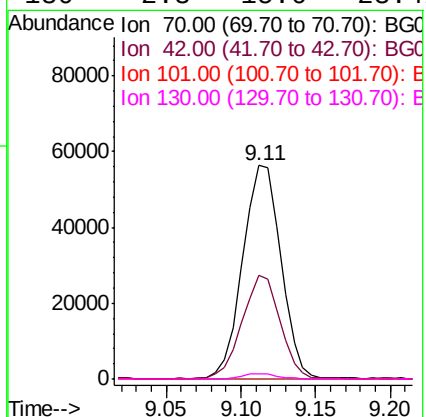
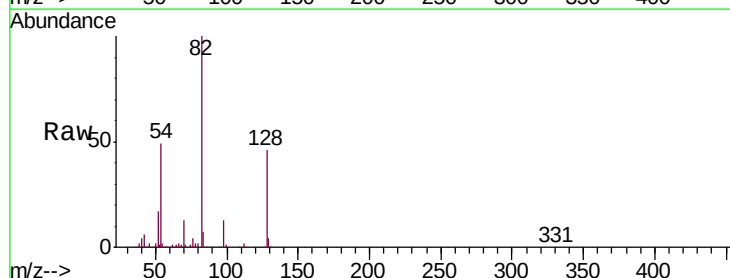
Ion Ratio Lower Upper

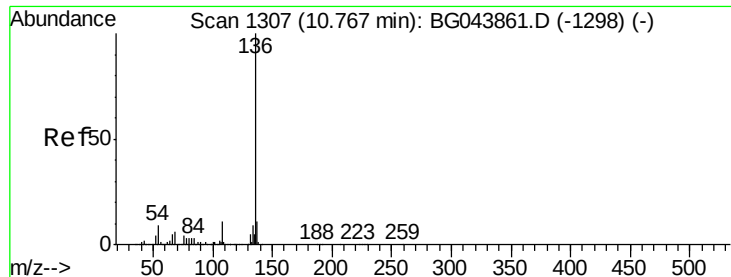
70 100

42 48.3 47.0 70.4

101 0.0 7.2 10.8#

130 2.3 15.6 23.4#

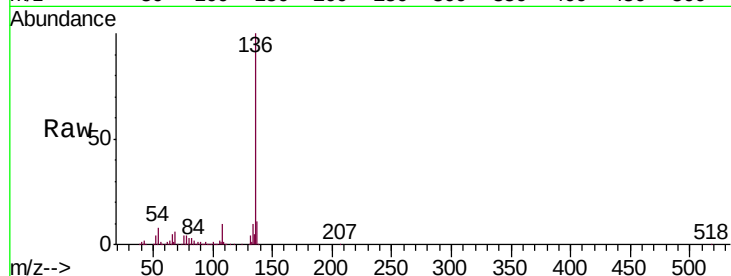




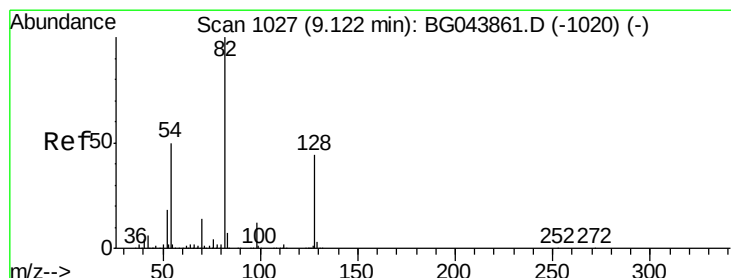
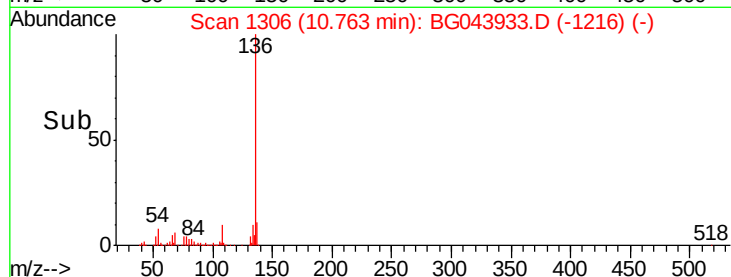
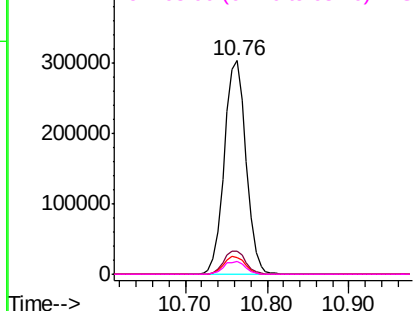
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043933.D
Acq: 6 Jan 2020 16:02

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion:	136	Resp:	559465
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.0	7.0	10.4
68	5.8	4.9	7.3

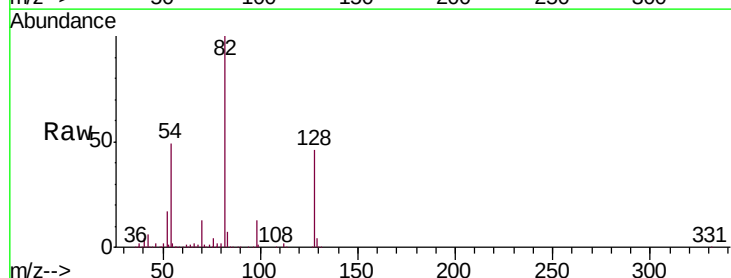


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

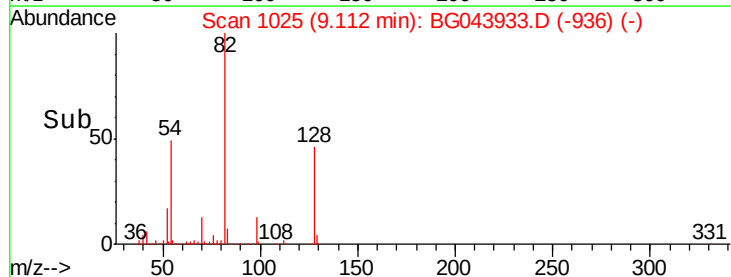
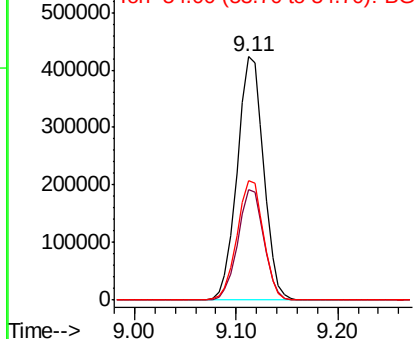


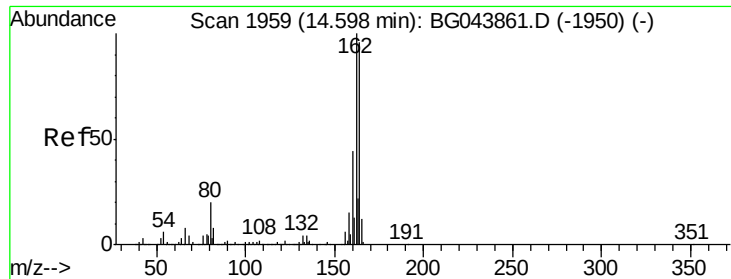
#23
Nitrobenzene-d5
Concen: 73.321 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG043933.D
Acq: 6 Jan 2020 16:02

Tgt Ion:	82	Resp:	766802
Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.1	52.7
54	49.3	40.1	60.1



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: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

FB

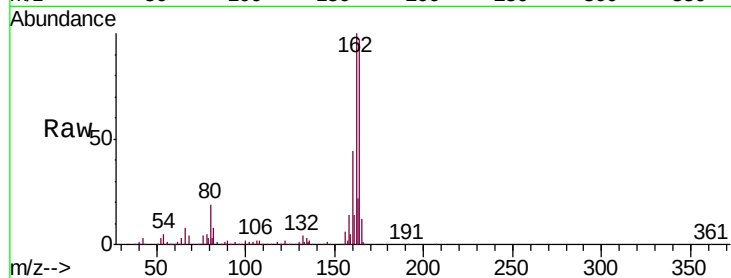
Tgt Ion:164 Resp: 380509

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

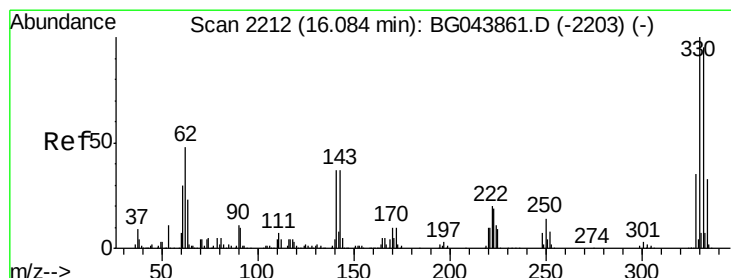
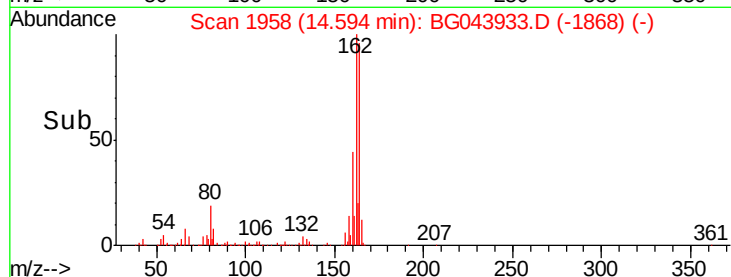
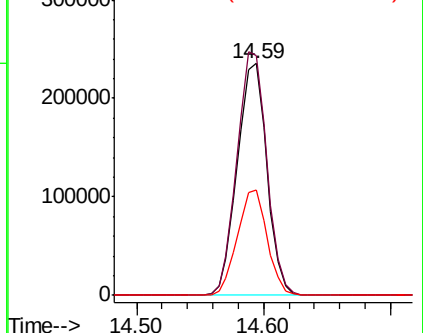
160 45.7 36.1 54.1



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: 122.687 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

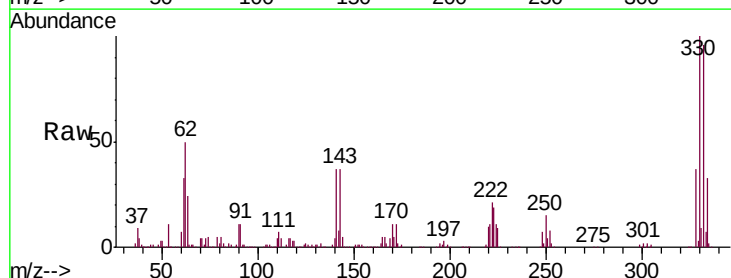
Tgt Ion:330 Resp: 488534

Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

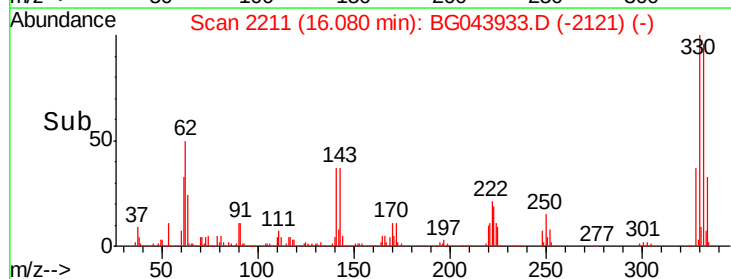
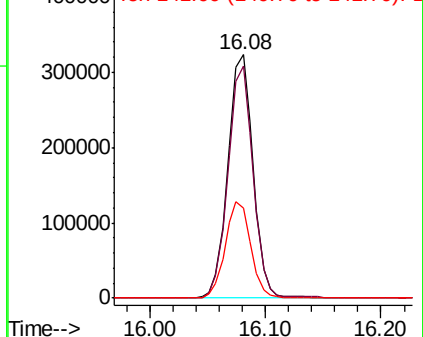
141 40.1 33.1 49.7

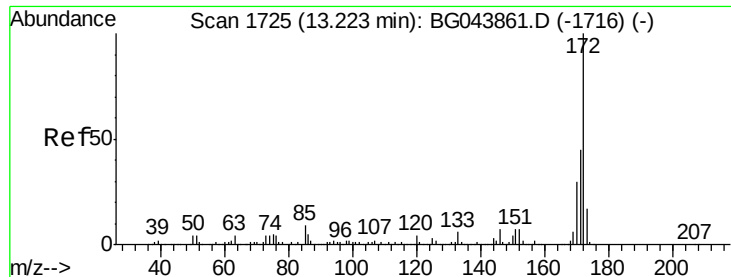


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

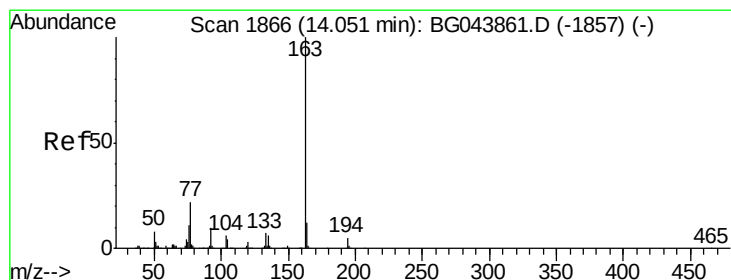
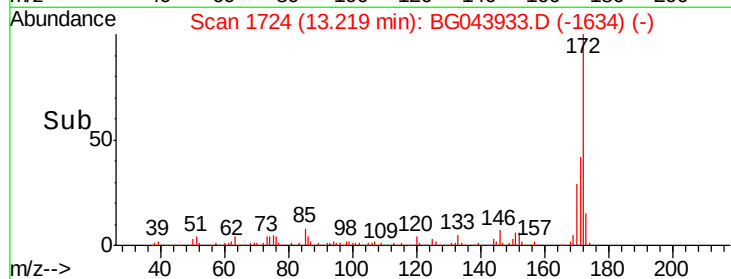
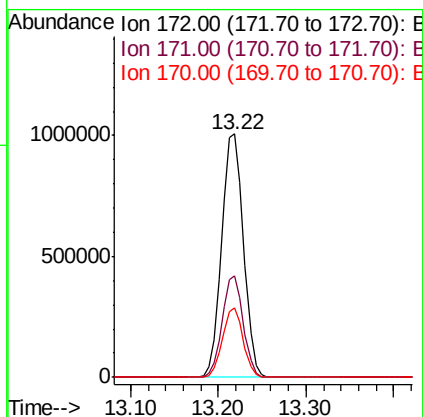
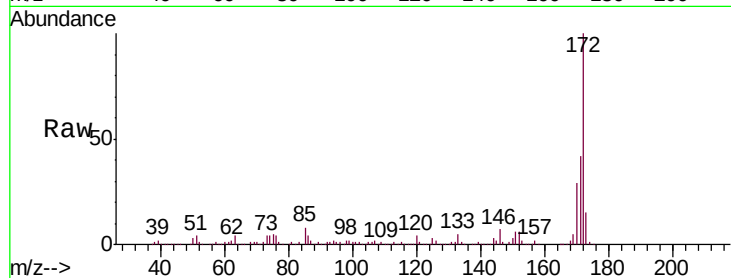




#45
 2-Fluorobiphenyl
 Concen: 81.933 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG043933.D
 Acq: 6 Jan 2020 16:02

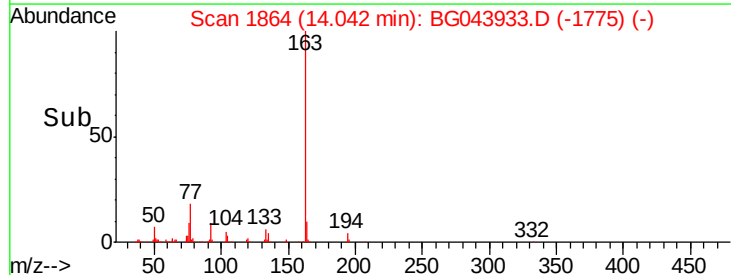
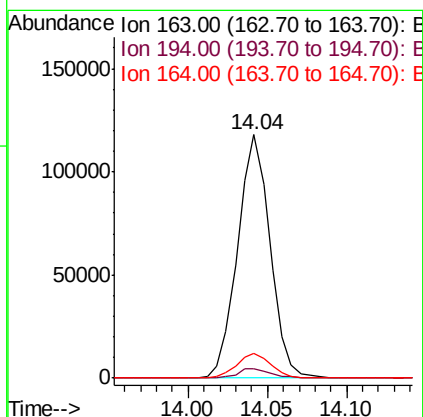
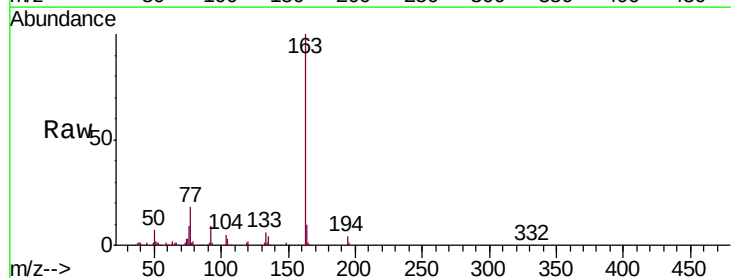
Instrument :
 BNA_G
 ClientSampleId :
 FB

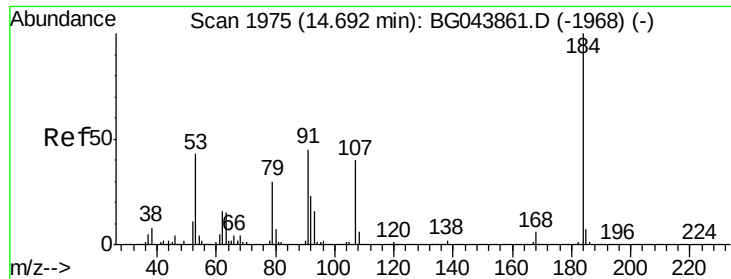
Tgt Ion:172 Resp: 1720760
 Ion Ratio Lower Upper
 172 100
 171 41.9 35.8 53.8
 170 28.6 24.2 36.4



#50
 Dimethylphthalate
 Concen: 6.214 ng
 RT: 14.04 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BG043933.D
 Acq: 6 Jan 2020 16:02

Tgt Ion:163 Resp: 167885
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.7 5.5
 164 10.1 9.3 13.9

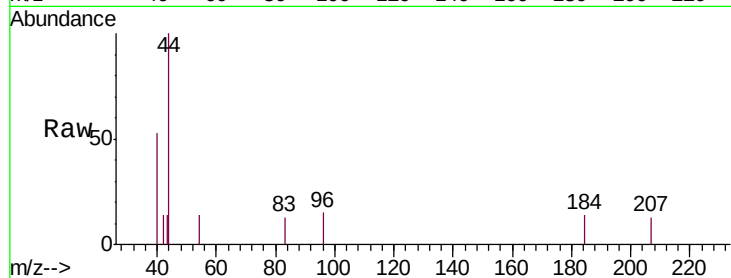




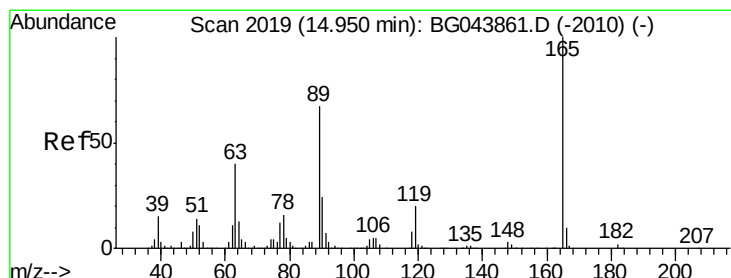
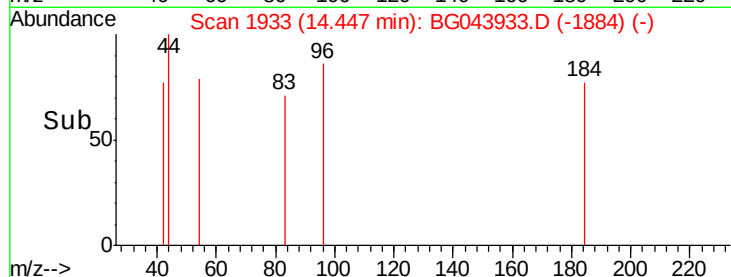
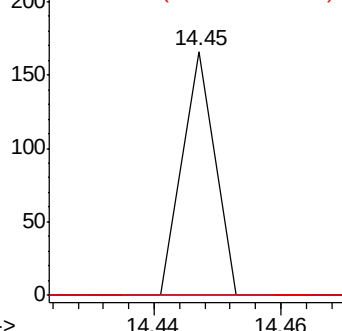
#54
2,4-Dinitrophenol
Concen: 5.501 ng
RT: 14.45 min Scan# 1933
Delta R.T. -0.24 min
Lab File: BG043933.D
Acq: 6 Jan 2020 16:02

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 46.6 70.0#
154 0.0 50.2 75.4#

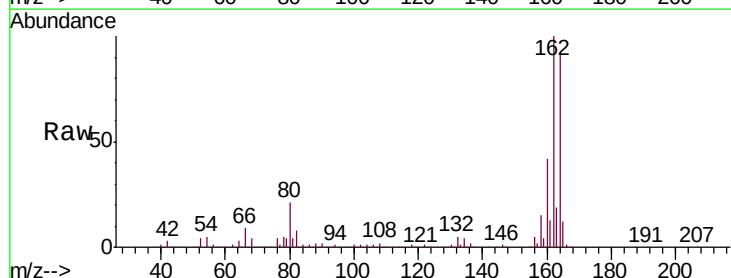


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

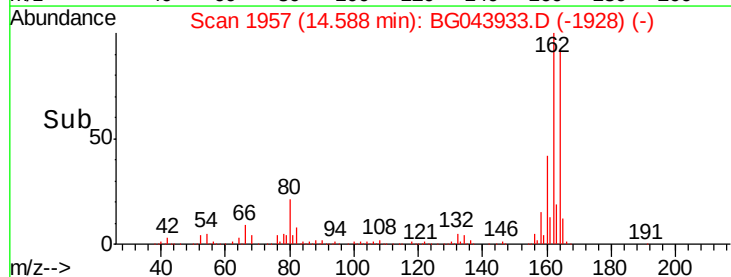
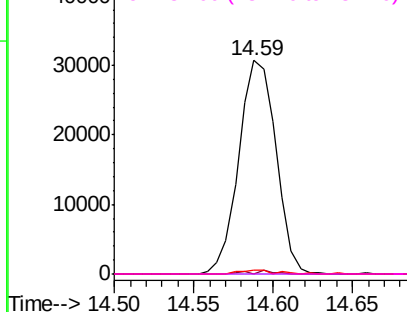


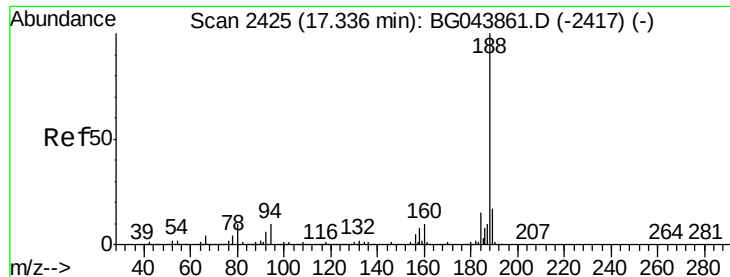
#57
2,4-Dinitrotoluene
Concen: 6.027 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.36 min
Lab File: BG043933.D
Acq: 6 Jan 2020 16:02

Tgt Ion:165 Resp: 50082
Ion Ratio Lower Upper
165 100
63 0.0 31.9 47.9#
89 2.0 53.8 80.6#
182 0.0 2.0 3.0#



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: 17.33 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

FB

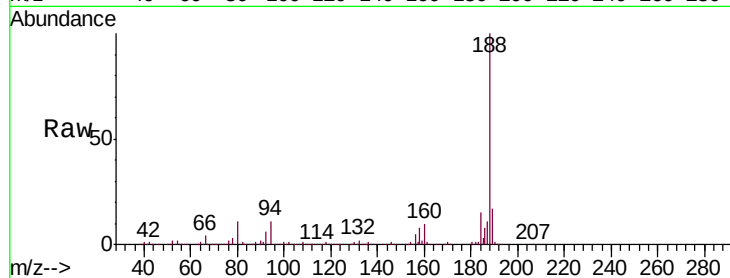
Tgt Ion:188 Resp: 827235

Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

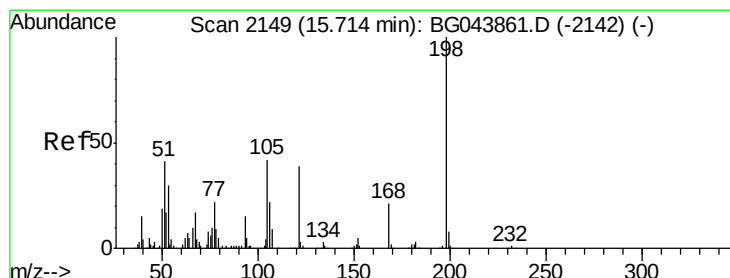
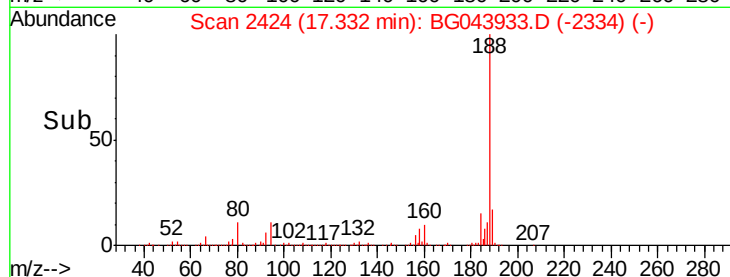
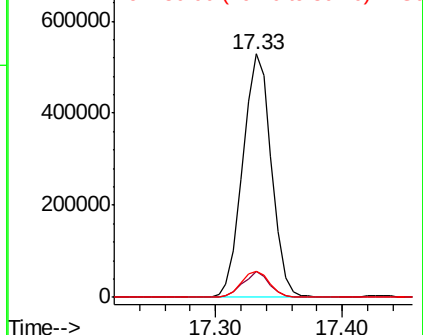
80 10.9 8.2 12.4



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.805 ng

RT: 16.08 min Scan# 2211

Delta R.T. 0.37 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

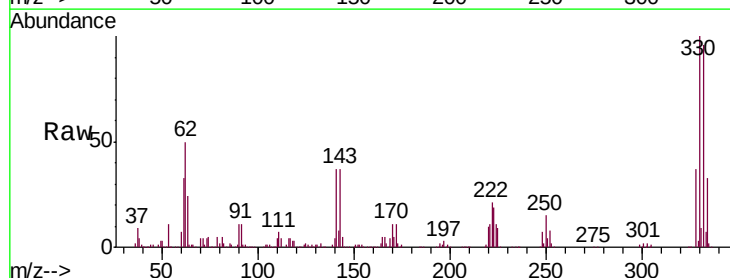
Tgt Ion:198 Resp: 1950

Ion Ratio Lower Upper

198 100

51 78.5 22.5 62.5#

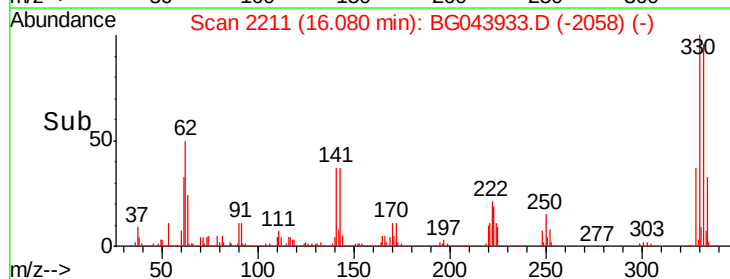
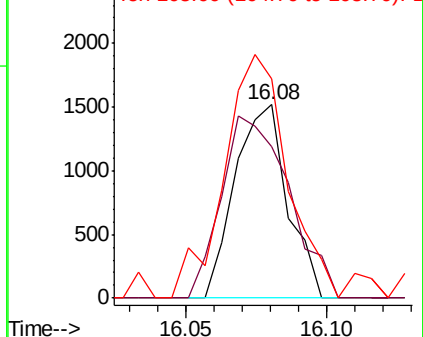
105 113.3 22.3 62.3#

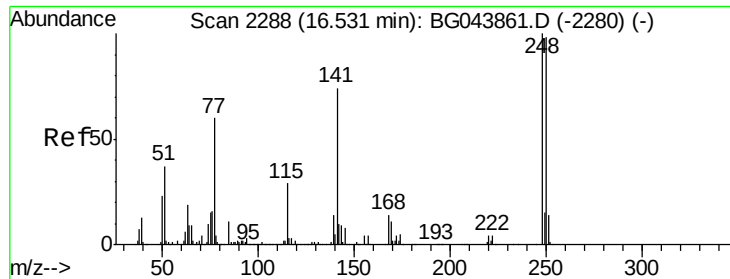


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

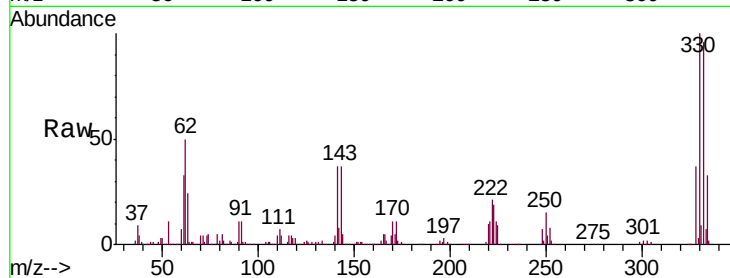




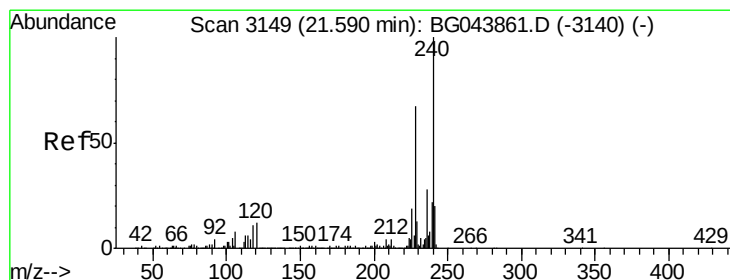
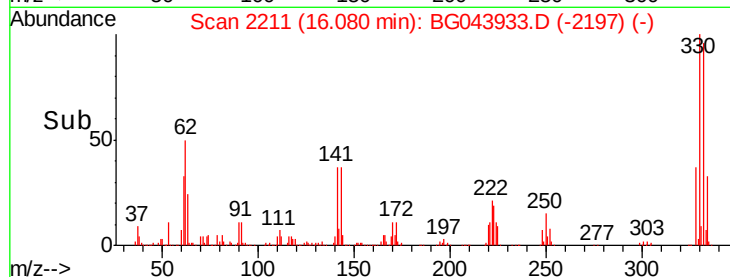
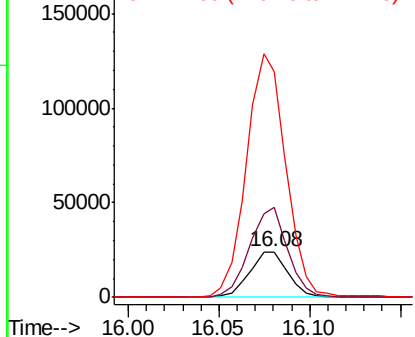
#67
 4-Bromophenyl-phenylether
 Concen: 3.797 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.45 min
 Lab File: BG043933.D
 Acq: 6 Jan 2020 16:02

Instrument :
 BNA_G
 ClientSampleId :
 FB

Tgt Ion:248 Resp: 35330
 Ion Ratio Lower Upper
 248 100
 250 198.7 78.2 117.2#
 141 497.1 59.3 88.9#

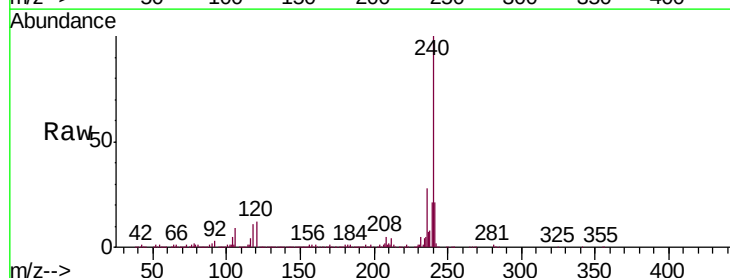


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

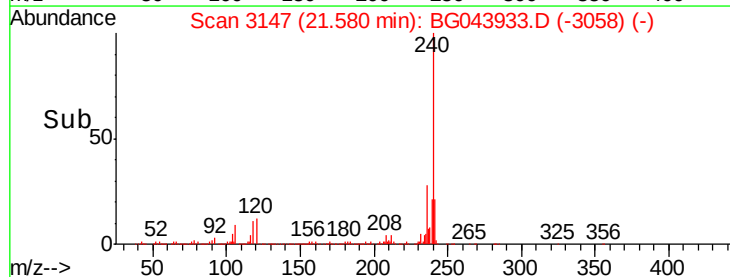
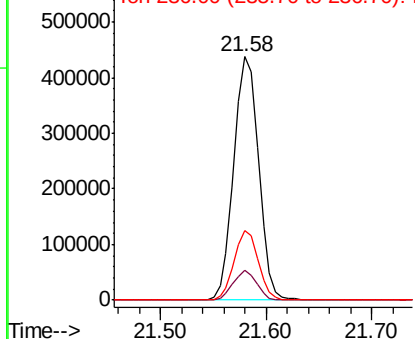


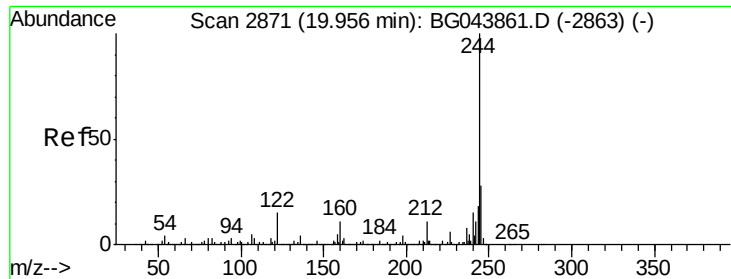
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG043933.D
 Acq: 6 Jan 2020 16:02

Tgt Ion:240 Resp: 709484
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.6 14.4
 236 28.5 22.2 33.2



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: 80.508 ng

RT: 19.95 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

FB

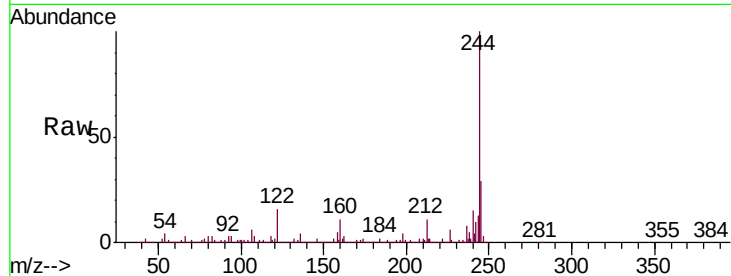
Tgt Ion:244 Resp: 2402864

Ion Ratio Lower Upper

244 100

212 11.2 8.6 13.0

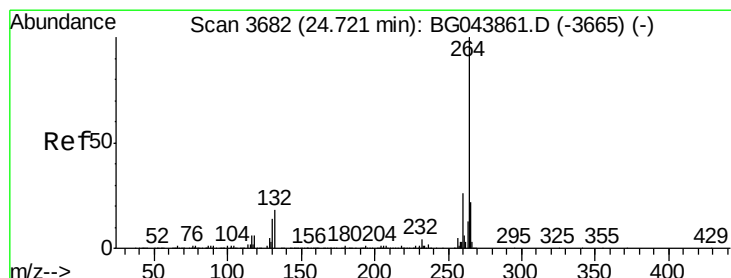
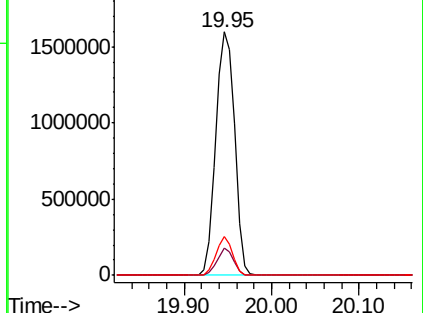
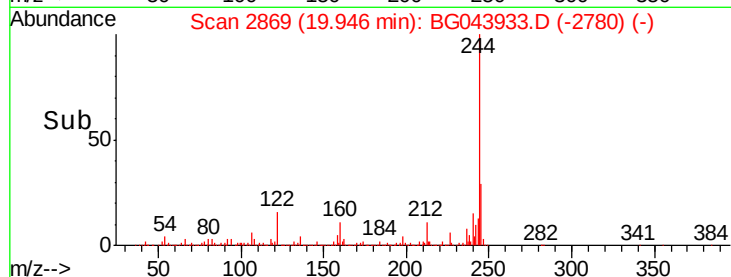
122 15.8 11.9 17.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3679

Delta R.T. -0.02 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

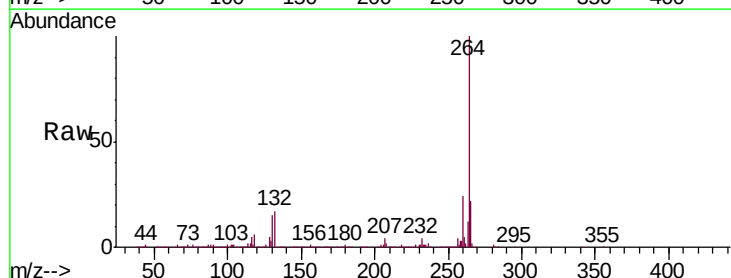
Tgt Ion:264 Resp: 790706

Ion Ratio Lower Upper

264 100

260 24.0 20.4 30.6

265 22.2 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

