

Data File : BG043980.D
Acq On : 9 Jan 2020 00:36
Operator : JU
Sample : L1017-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-010620

Quant Time: Jan 09 06:15:50 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	7.95	152	108191	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	438318	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	286546	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	660173	20.00	ng	0.00
76) Chrysene-d12	21.58	240	605064	20.00	ng	-0.01
87) Perylene-d12	24.70	264	671035	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	877124	148.86	ng	0.00
7) Phenol-d6	7.12	99	1178579	143.09	ng	0.00
23) Nitrobenzene-d5	9.11	82	709166	86.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.07	330	455072	151.76	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1498417	94.74	ng	-0.01
79) Terphenyl-d14	19.94	244	2382330	99.02	ng	-0.01

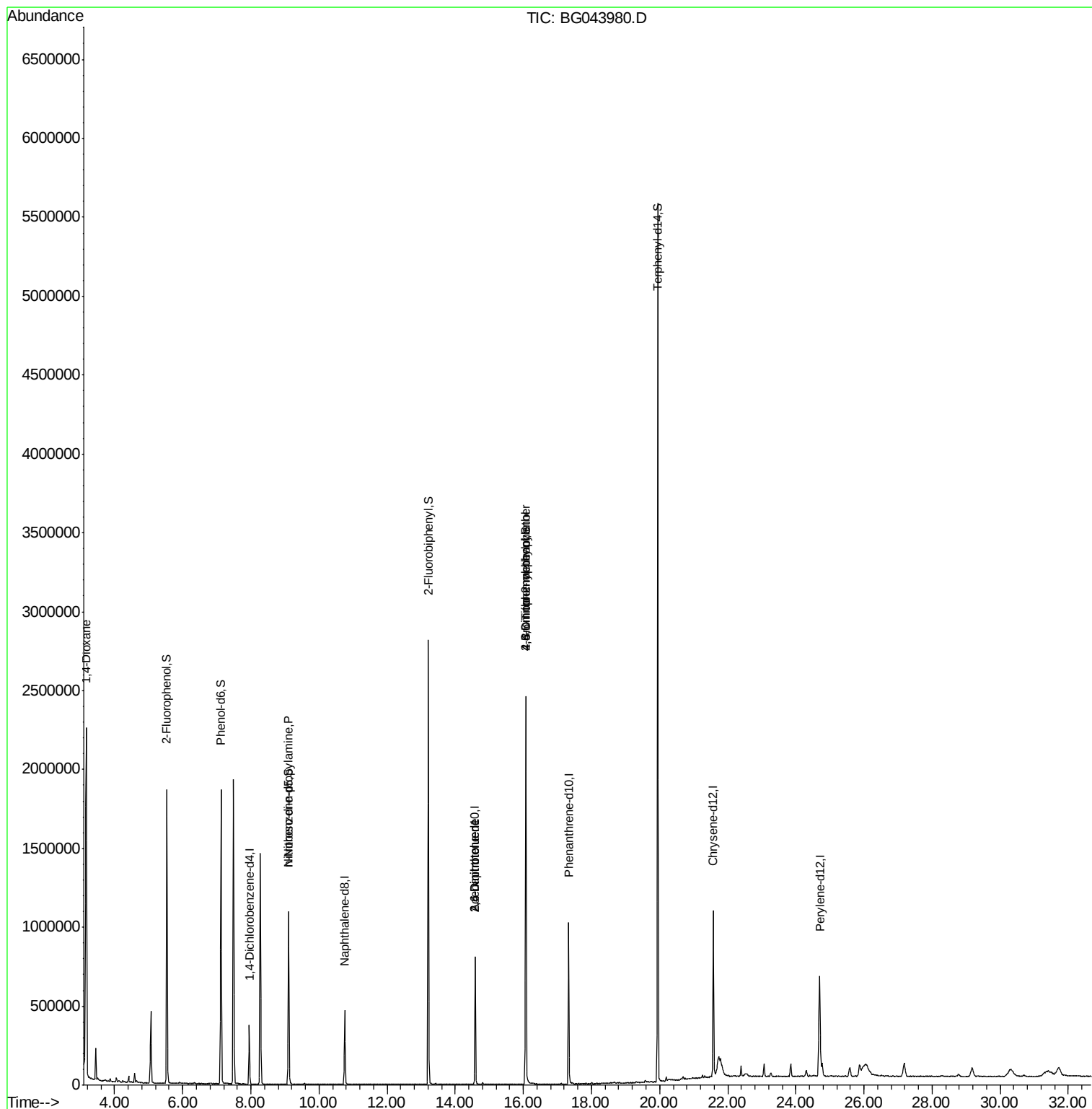
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	25477	9.916	ng	# 1
19) n-Nitroso-di-n-propylamine	9.10	70	93105	15.179	ng	# 77
51) 2,6-Dinitrotoluene	14.59	165	37699	8.198	ng	# 26
57) 2,4-Dinitrotoluene	14.59	165	37699	6.025	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.07	198	1502	4.791	ng	# 1
67) 4-Bromophenyl-phenylether	16.07	248	32362	4.359	ng	# 1

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

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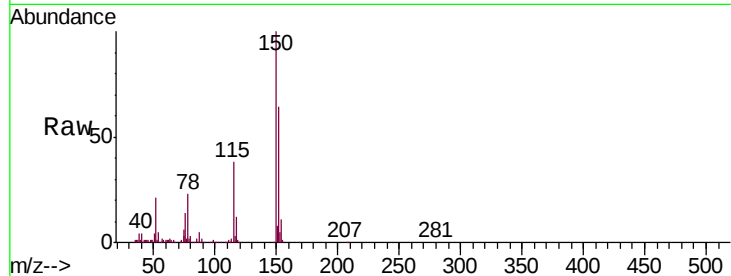


#1

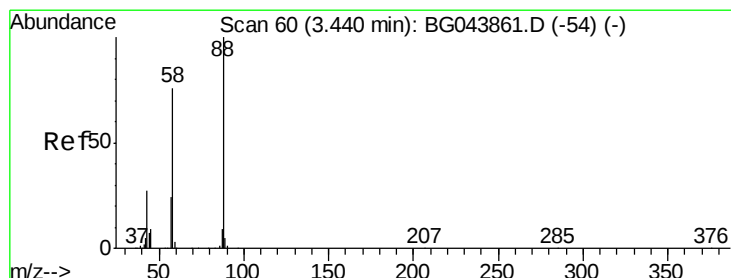
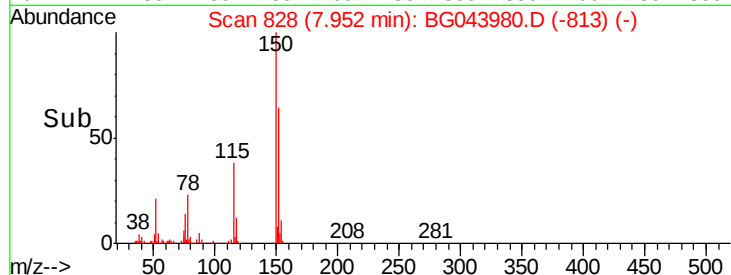
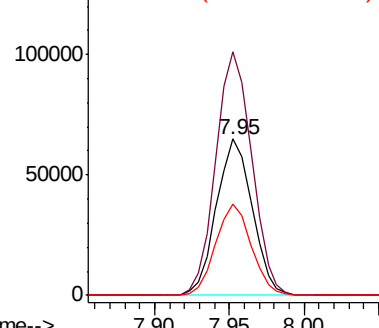
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043980.D
Acq: 9 Jan 2020 00:36

Instrument :
BNA_G
ClientSampleId :
TR-04-010620

Tgt Ion:152 Resp: 108191
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.4
115 58.6 47.8 71.8



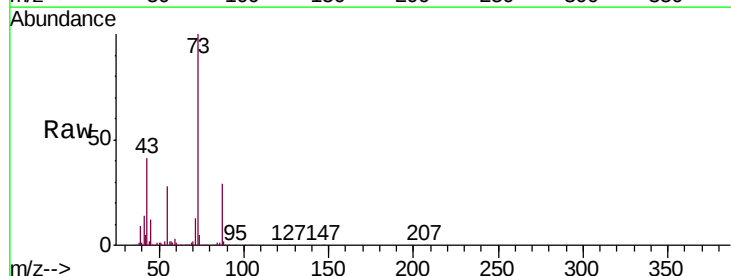
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



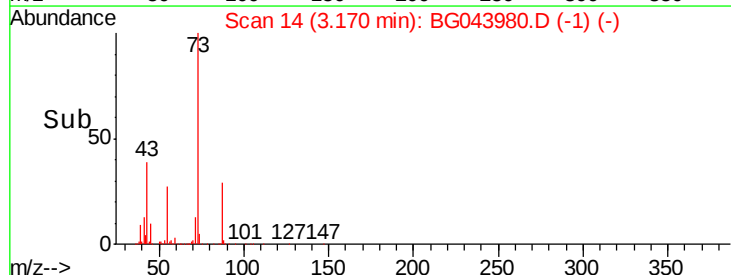
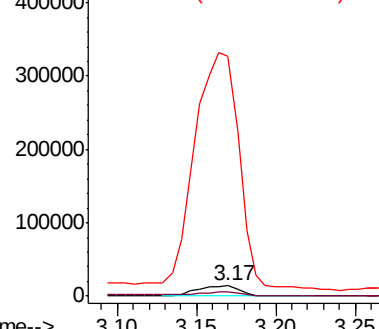
#2

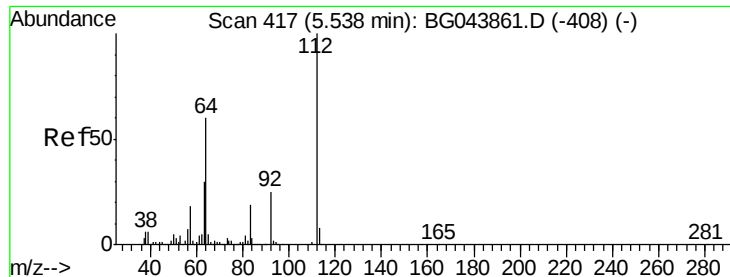
1,4-Dioxane
Concen: 9.916 ng
RT: 3.17 min Scan# 14
Delta R.T. -0.27 min
Lab File: BG043980.D
Acq: 9 Jan 2020 00:36

Tgt Ion: 88 Resp: 25477
Ion Ratio Lower Upper
88 100
58 32.1 59.8 89.8#
43 2517.3 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: 148.858 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

Instrument :

BNA_G

ClientSampleId :

TR-04-010620

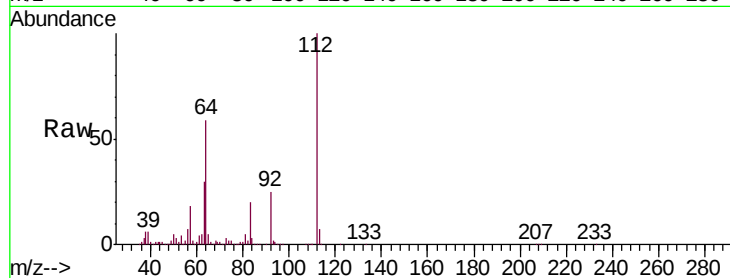
Tgt Ion: 112 Resp: 877124

Ion Ratio Lower Upper

112 100

64 59.2 47.8 71.6

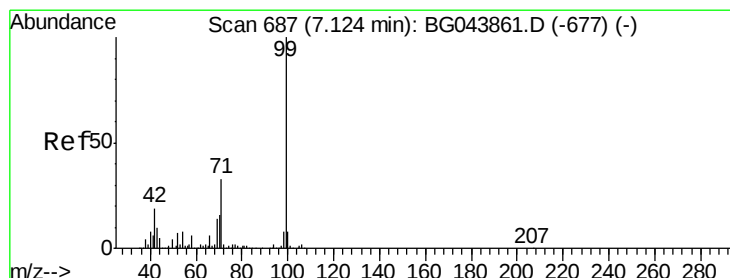
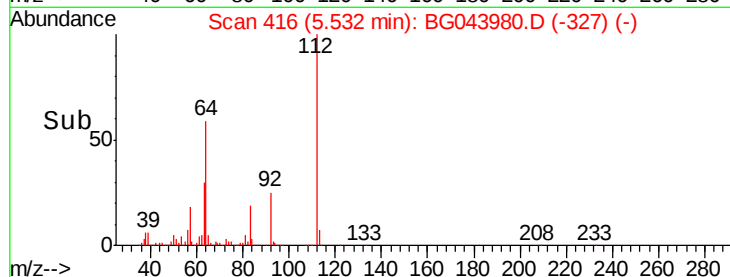
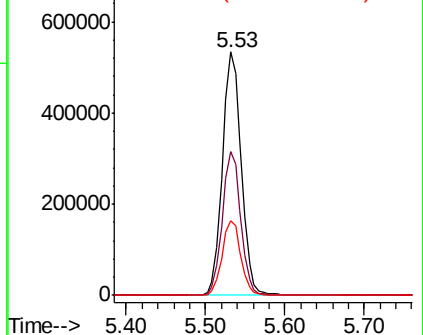
63 30.5 24.3 36.5



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



#7

Phenol-d6

Concen: 143.093 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

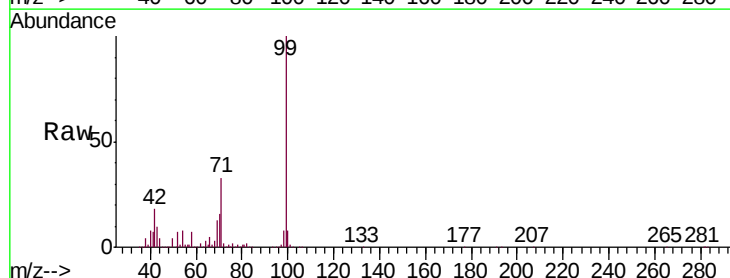
Tgt Ion: 99 Resp: 1178579

Ion Ratio Lower Upper

99 100

42 18.4 14.9 22.3

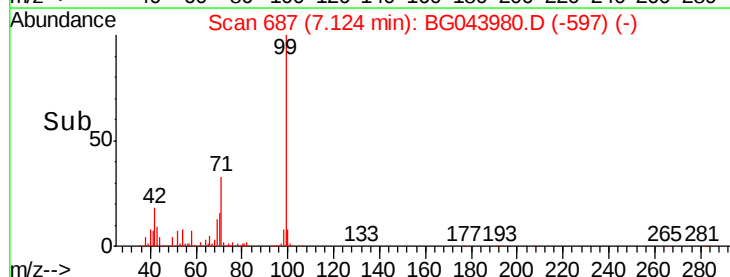
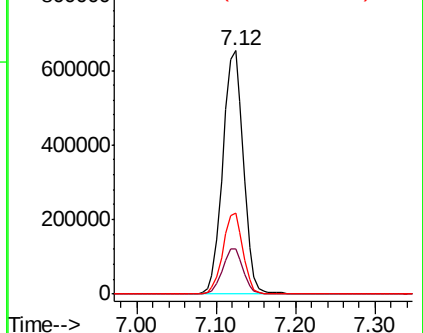
71 33.1 26.4 39.6



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

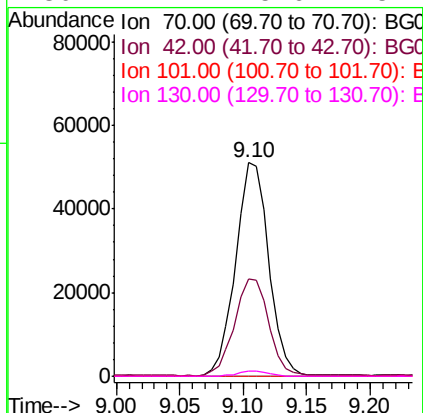
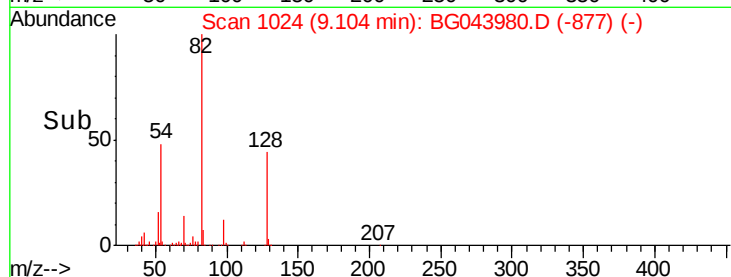
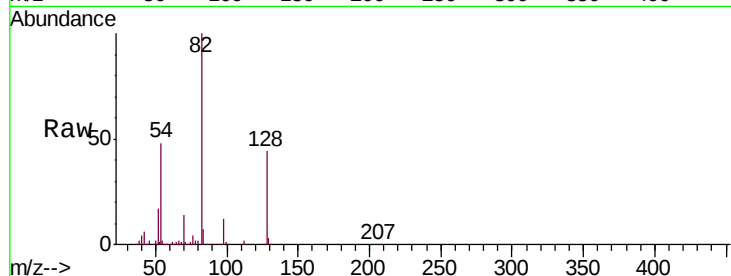




#19
n-Nitroso-di-n-propylamine
Concen: 15.179 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.33 min
Lab File: BG043980.D
Acq: 9 Jan 2020 00:36

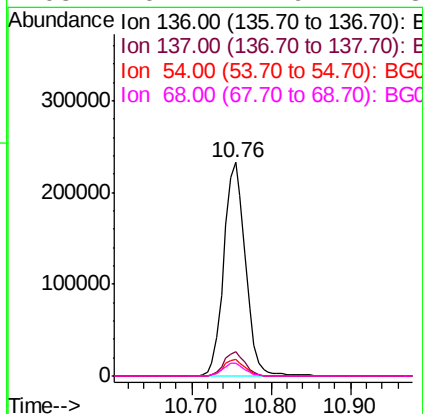
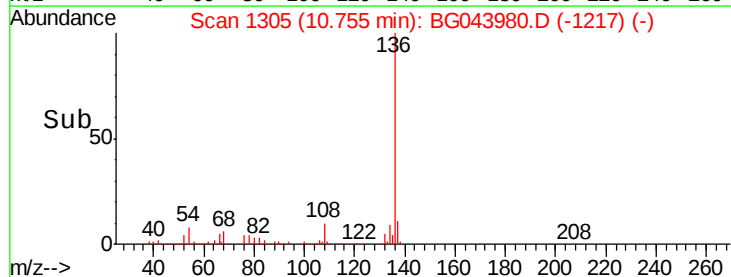
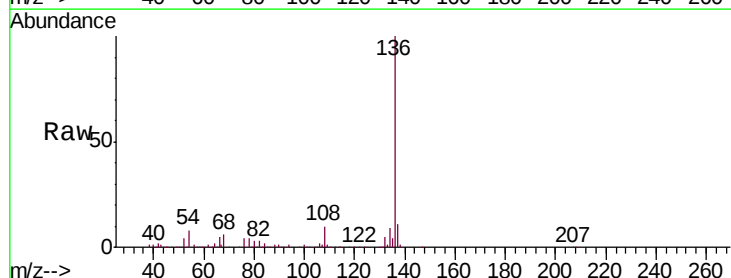
Instrument :
BNA_G
ClientSampleId :
TR-04-010620

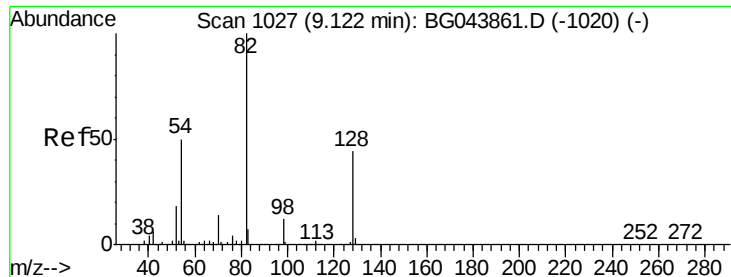
Tgt Ion: 70 Resp: 93105
Ion Ratio Lower Upper
70 100
42 45.4 47.0 70.4#
101 0.0 7.2 10.8#
130 2.7 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043980.D
Acq: 9 Jan 2020 00:36

Tgt Ion: 136 Resp: 438318
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.0 7.0 10.4
68 6.1 4.9 7.3

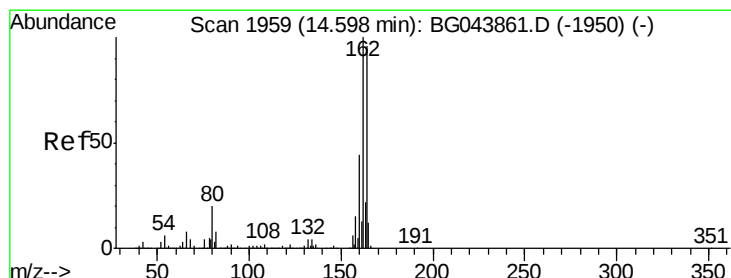
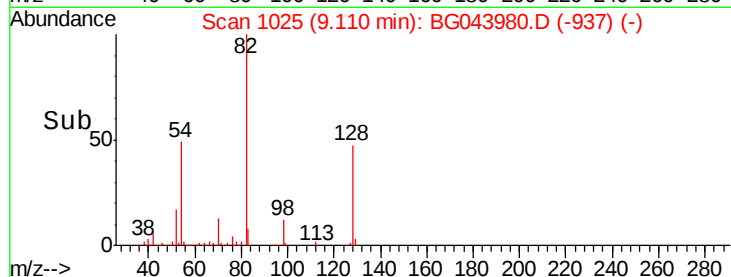
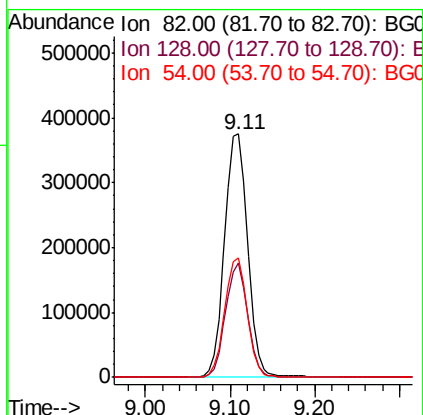
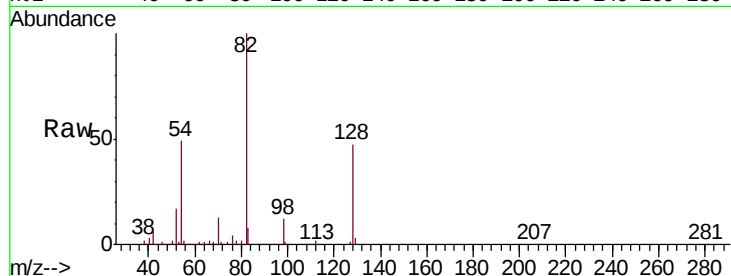




#23
Nitrobenzene-d5
Concen: 86.552 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG043980.D
Acq: 9 Jan 2020 00:36

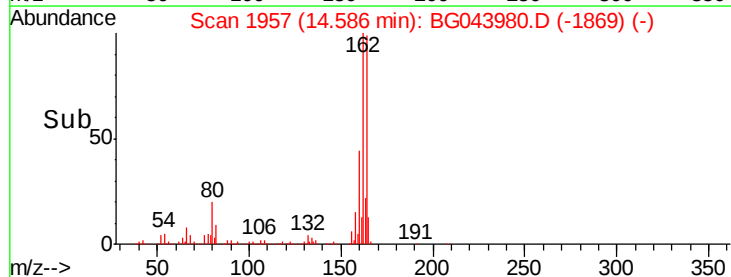
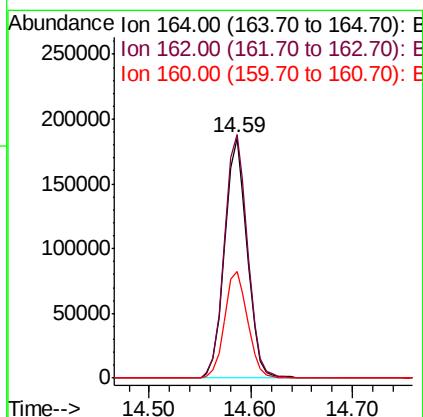
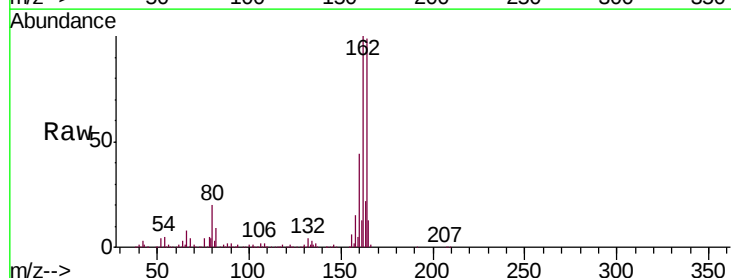
Instrument :
BNA_G
ClientSampleId :
TR-04-010620

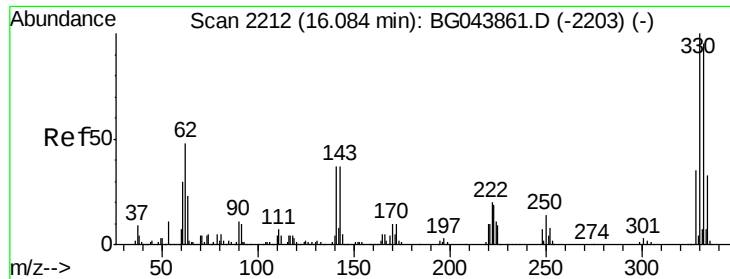
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.1	52.7
54	49.1	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043980.D
Acq: 9 Jan 2020 00:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.0	124.4
160	44.5	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 151.759 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

Instrument :

BNA_G

ClientSampleId :

TR-04-010620

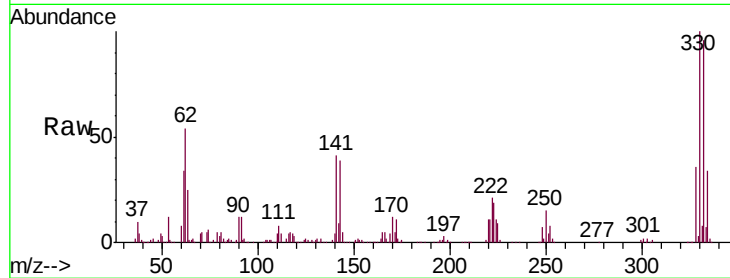
Tgt Ion:330 Resp: 455072

Ion Ratio Lower Upper

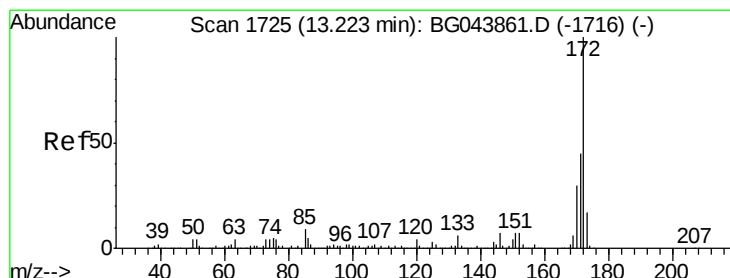
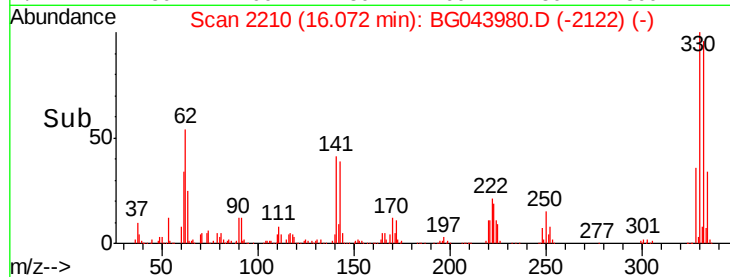
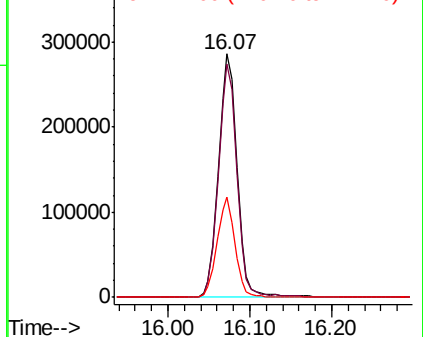
330 100

332 95.1 77.2 115.8

141 39.8 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: 94.742 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

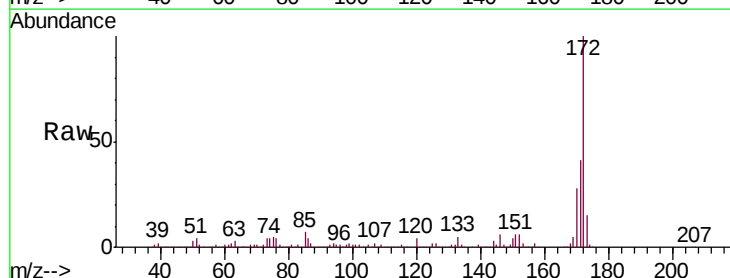
Tgt Ion:172 Resp: 1498417

Ion Ratio Lower Upper

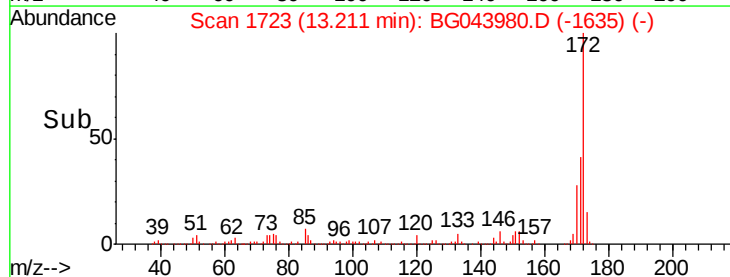
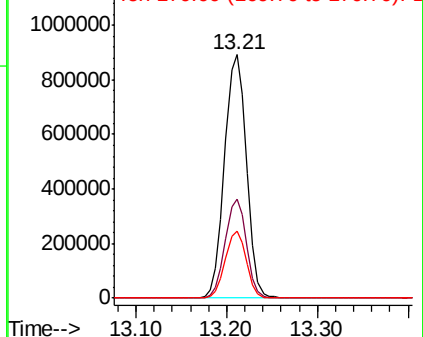
172 100

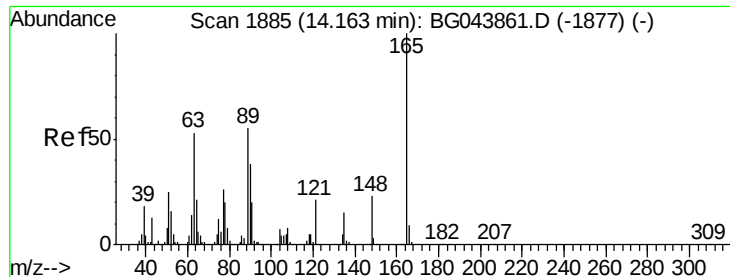
171 40.5 35.8 53.8

170 27.6 24.2 36.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.198 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.42 min

Lab File: BG043980.D

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TR-04-010620

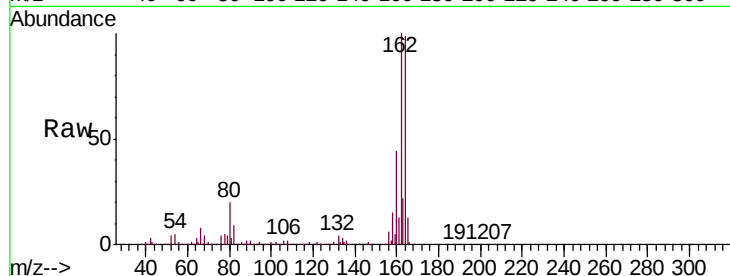
Tgt Ion:165 Resp: 37699

Ion Ratio Lower Upper

165 100

63 1.2 43.1 64.7#

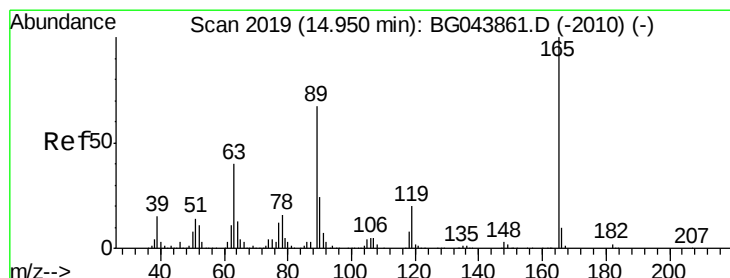
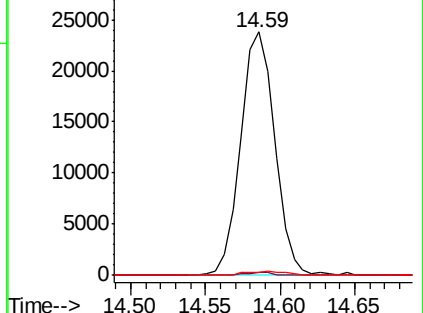
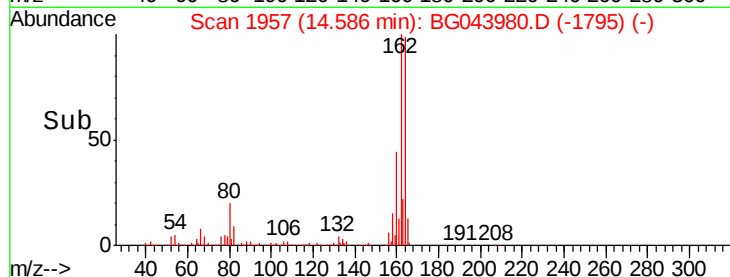
89 1.4 43.8 65.6#



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



#57

2,4-Dinitrotoluene

Concen: 6.025 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.36 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

Tgt Ion:165 Resp: 37699

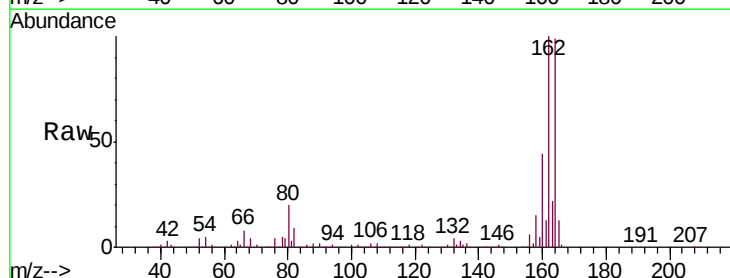
Ion Ratio Lower Upper

165 100

63 1.2 31.9 47.9#

89 1.4 53.8 80.6#

182 0.0 2.0 3.0#

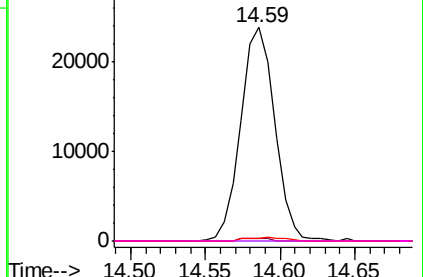
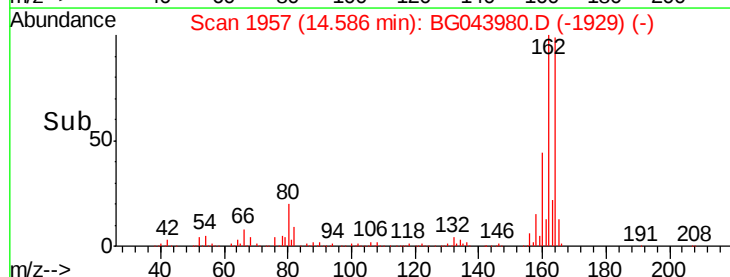


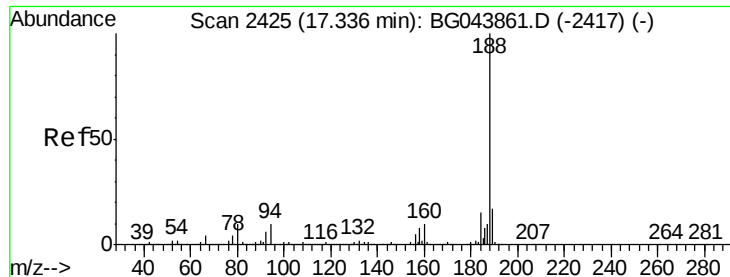
Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.01 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

Instrument :

BNA_G

ClientSampleId :

TR-04-010620

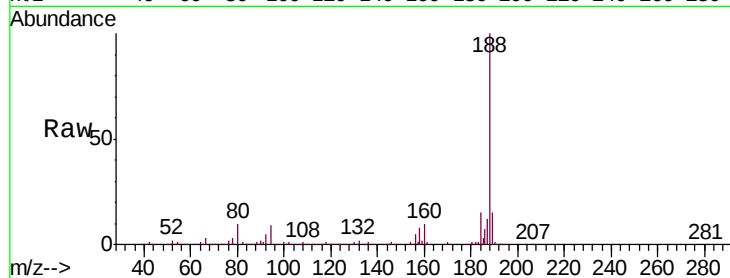
Tgt Ion:188 Resp: 660173

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

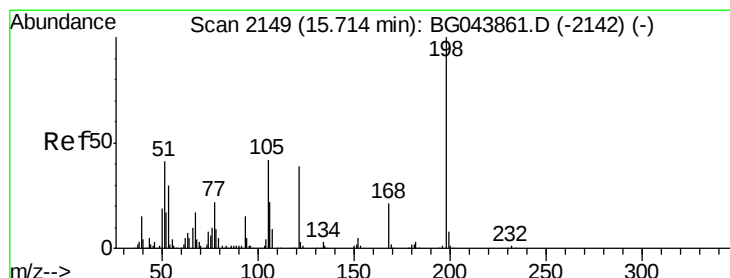
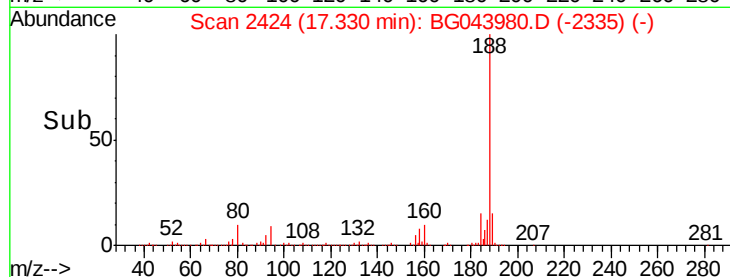
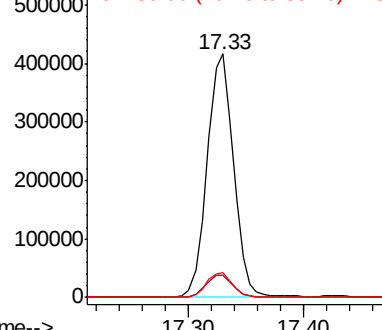
80 10.2 8.2 12.4



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: 4.791 ng

RT: 16.07 min Scan# 2209

Delta R.T. 0.35 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

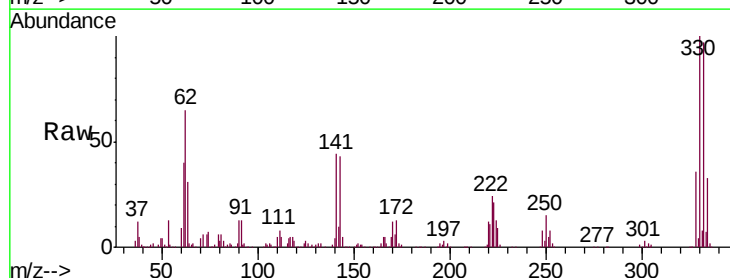
Tgt Ion:198 Resp: 1502

Ion Ratio Lower Upper

198 100

51 143.3 22.5 62.5#

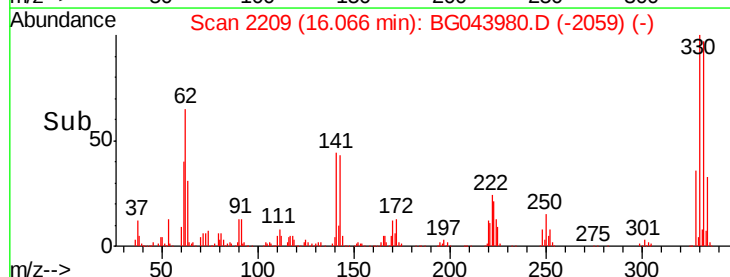
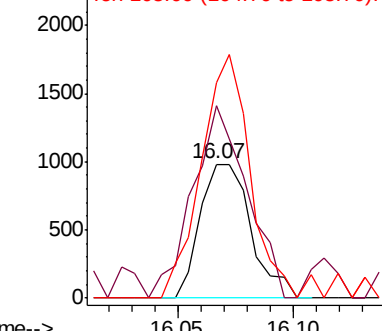
105 160.9 22.3 62.3#

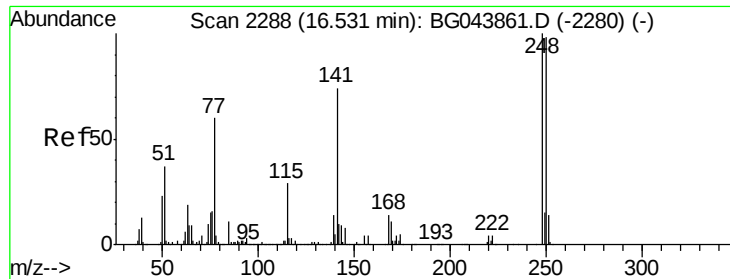


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

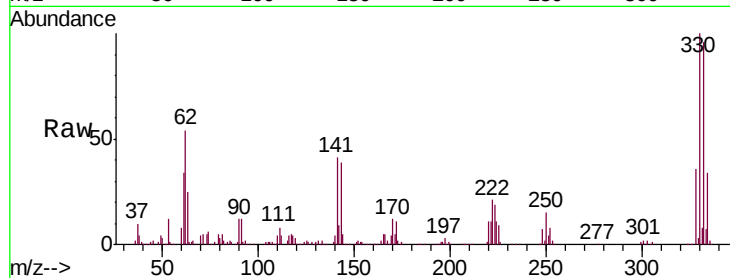




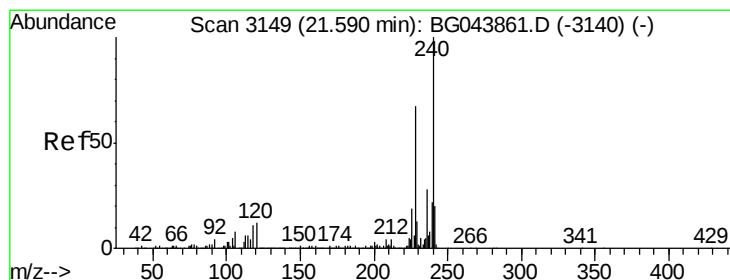
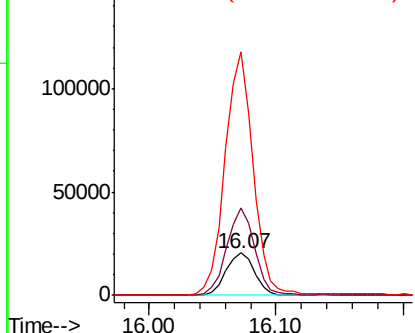
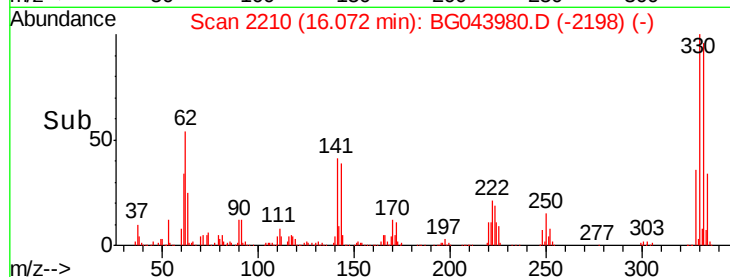
#67
 4-Bromophenyl-phenylether
 Concen: 4.359 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. -0.46 min
 Lab File: BG043980.D
 Acq: 9 Jan 2020 00:36

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620

Tgt Ion:248 Resp: 32362
 Ion Ratio Lower Upper
 248 100
 250 204.8 78.2 117.2#
 141 572.3 59.3 88.9#

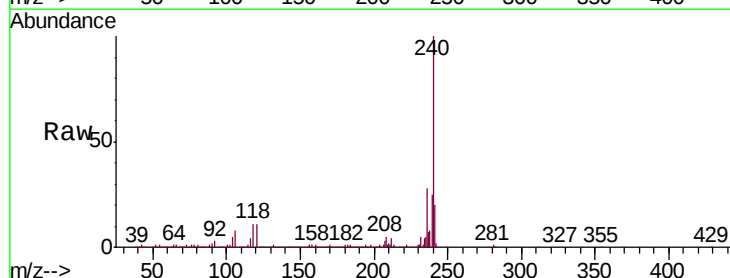


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

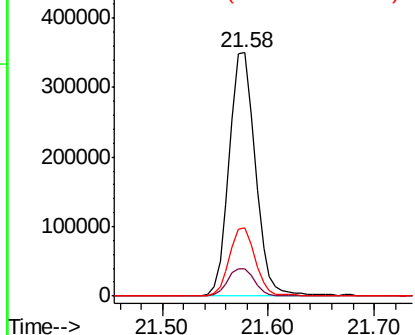
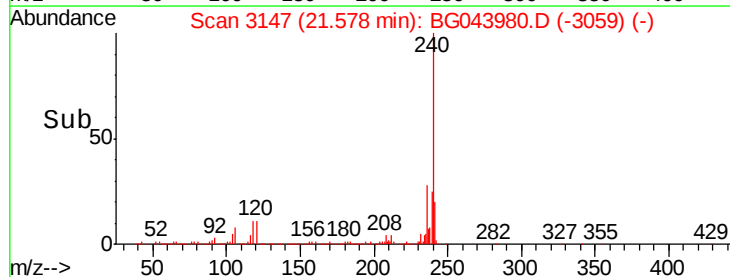


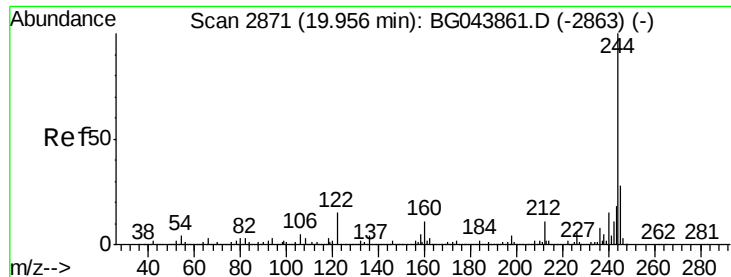
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG043980.D
 Acq: 9 Jan 2020 00:36

Tgt Ion:240 Resp: 605064
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.6 14.4
 236 28.1 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: 99.023 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

Instrument :

BNA_G

ClientSampleId :

TR-04-010620

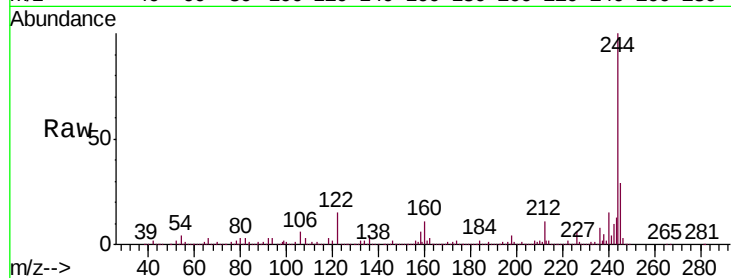
Tgt Ion:244 Resp: 2382330

Ion Ratio Lower Upper

244 100

212 11.3 8.6 13.0

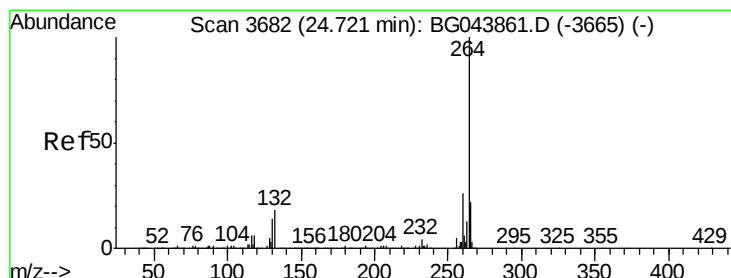
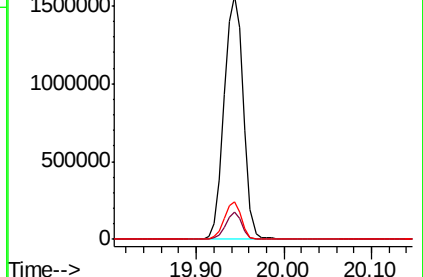
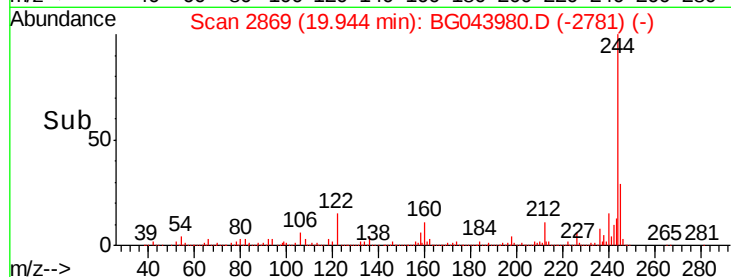
122 15.4 11.9 17.9



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: 24.70 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG043980.D

Acq: 9 Jan 2020 00:36

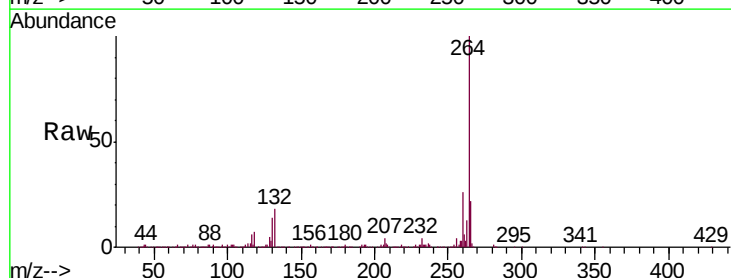
Tgt Ion:264 Resp: 671035

Ion Ratio Lower Upper

264 100

260 25.9 20.4 30.6

265 21.6 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

