

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045931.D
 Acq On : 3 Jul 2020 3:27
 Operator : CG/JU
 Sample : PB129945BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129945BL

Quant Time: Jul 03 06:57:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

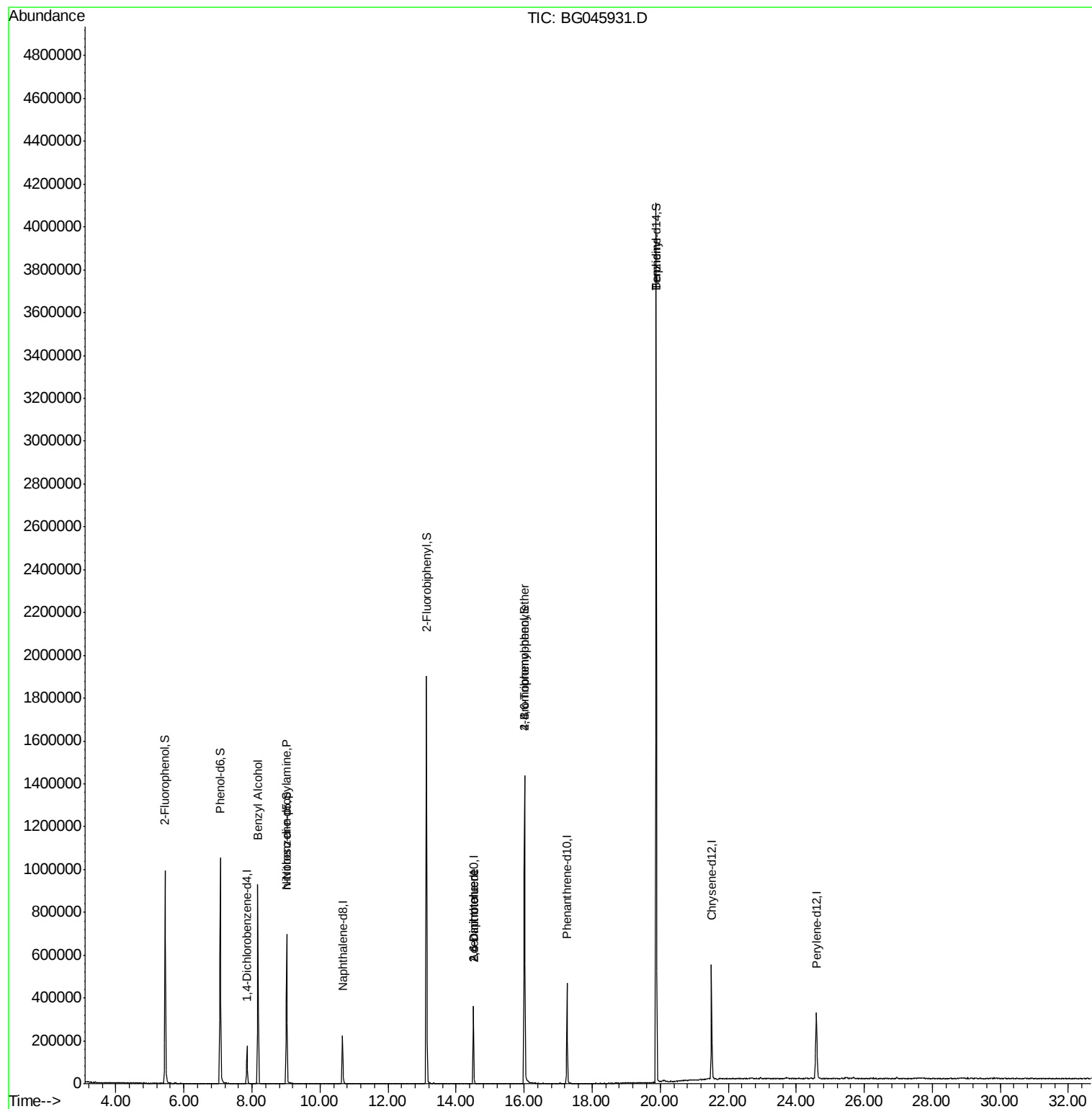
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	50687	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	197136	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	133574	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	307211	20.00	ng	0.00
76) Chrysene-d12	21.51	240	330351	20.00	ng	-0.01
86) Perylene-d12	24.59	264	334408	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	491254	163.72	ng	-0.01
7) Phenol-d6	7.07	99	688722	150.90	ng	-0.01
23) Nitrobenzene-d5	9.02	82	484660	112.31	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	311068	154.25	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	1052399	115.78	ng	0.00
79) Terphenyl-d14	19.88	244	1921954	117.91	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.18	79	8886	2.516	ng	# 60
19) n-Nitroso-di-n-propylamine	9.02	70	67215	22.400	ng	# 77
51) 2,6-Dinitrotoluene	14.51	165	16893	7.188	ng	# 27
57) 2,4-Dinitrotoluene	14.51	165	16893	5.017	ng	# 23
67) 4-Bromophenyl-phenylether	16.01	248	21028	5.268	ng	# 1
77) Benzidine	19.88	184	37106	4.321	ng	# 90

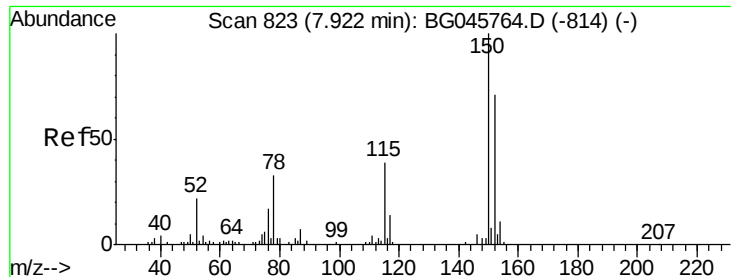
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration



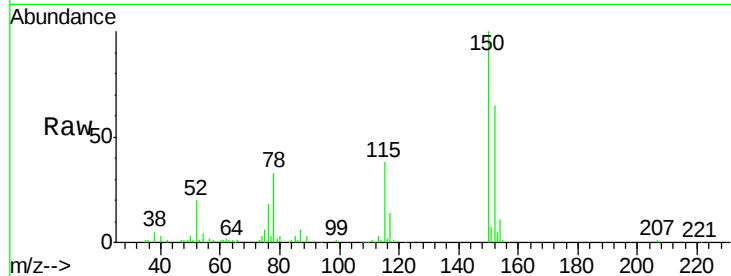


#1

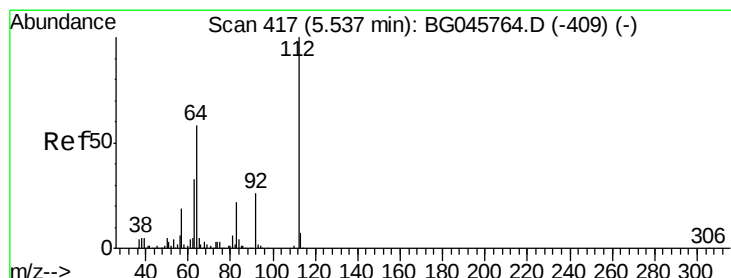
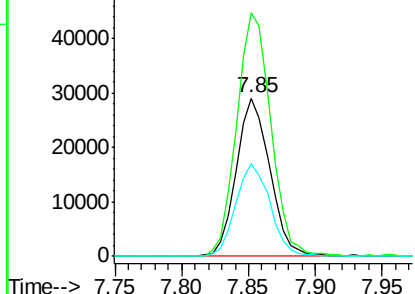
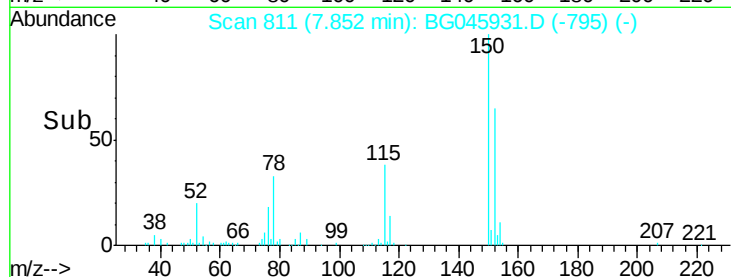
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BG045931.D
 Acq: 3 Jul 2020 3:27

Instrument :
 BNA_G
 ClientSampleId :
 PB129945BL

Tot Ion	152	Resp	50687
Ion Ratio	Lower	Upper	
152	100		
150	154.1	124.5	186.7
115	58.6	45.8	68.8



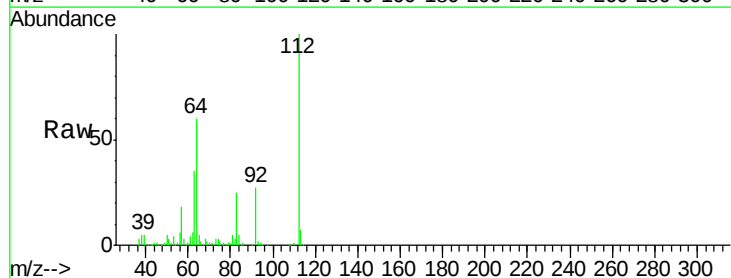
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



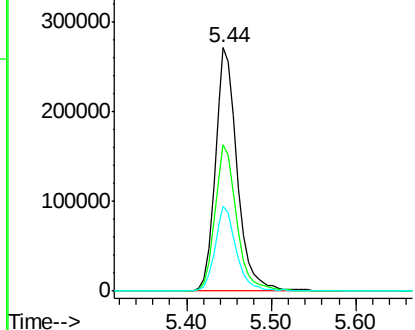
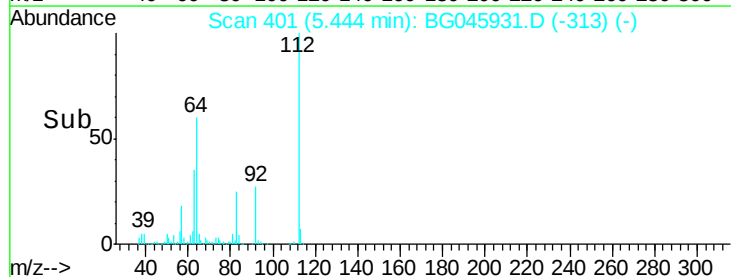
#5

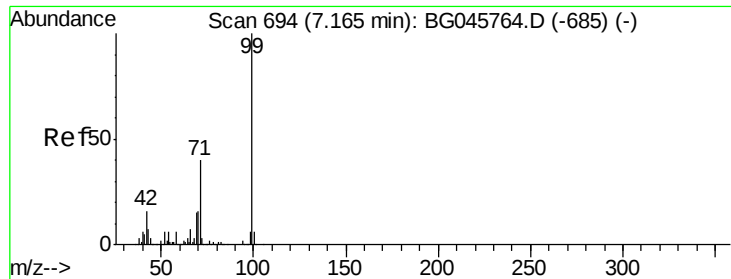
2-Fluorophenol
 Concen: 163.719 ng
 RT: 5.44 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BG045931.D
 Acq: 3 Jul 2020 3:27

Tgt Ion	112	Resp	491254
Ion Ratio	Lower	Upper	
112	100		
64	60.3	44.9	67.3
63	34.8	26.9	40.3



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: 150.898 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045931.D

Acq: 3 Jul 2020 3:27

Instrument :

BNA_G

ClientSampleId :

PB129945BL

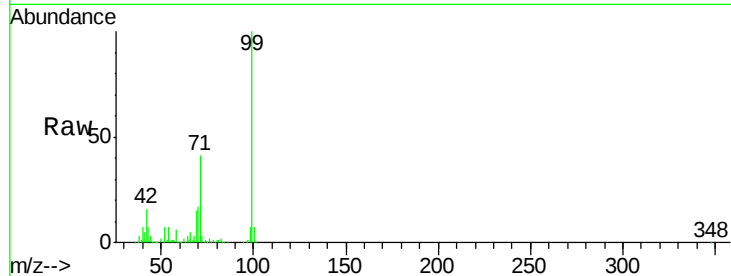
Tot Ion: 99 Resp: 688722

Ion Ratio Lower Upper

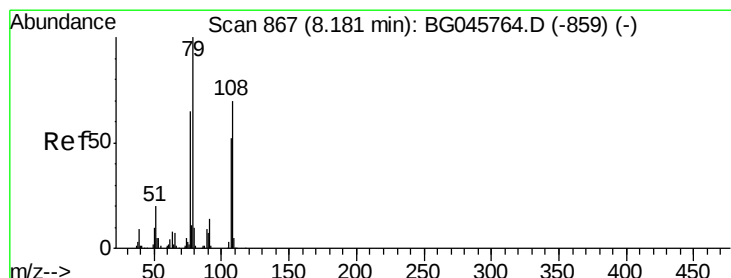
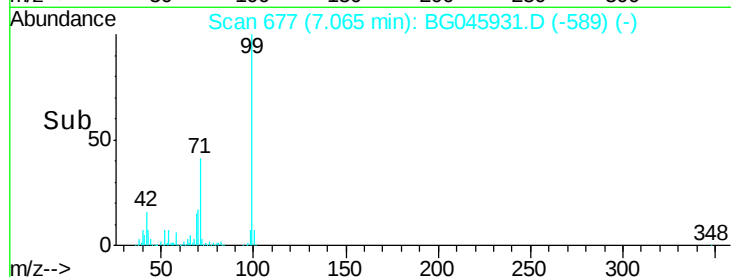
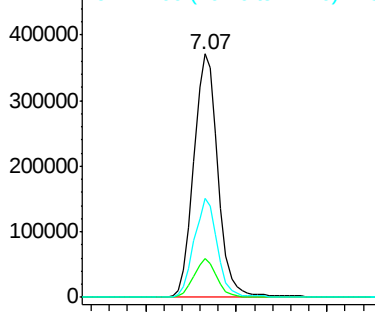
99 100

42 16.0 11.8 17.8

71 40.8 31.0 46.6



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



#15

Benzyl Alcohol

Concen: 2.516 ng

RT: 8.18 min Scan# 866

Delta R.T. 0.07 min

Lab File: BG045931.D

Acq: 3 Jul 2020 3:27

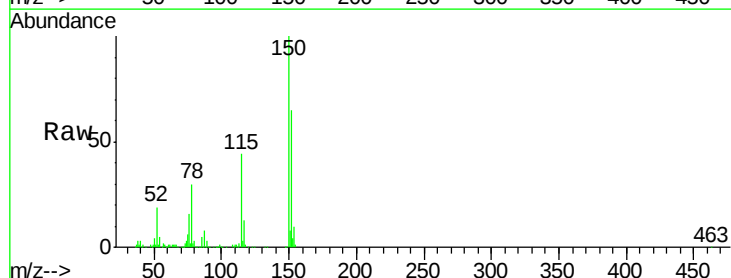
Tgt Ion: 79 Resp: 8886

Ion Ratio Lower Upper

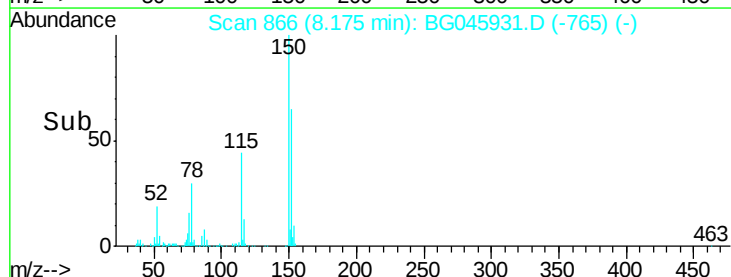
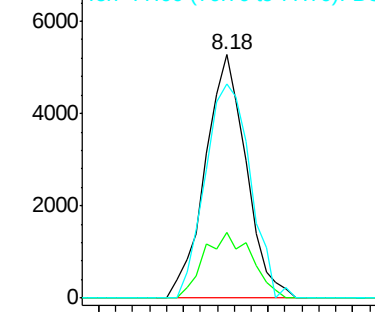
79 100

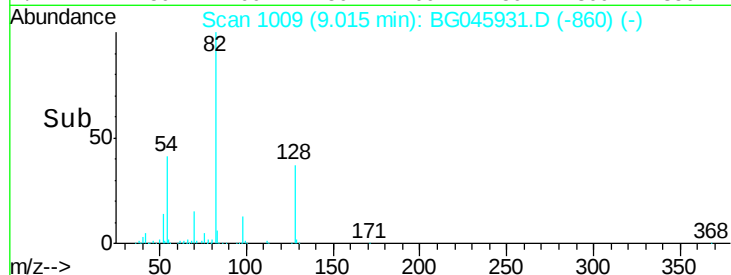
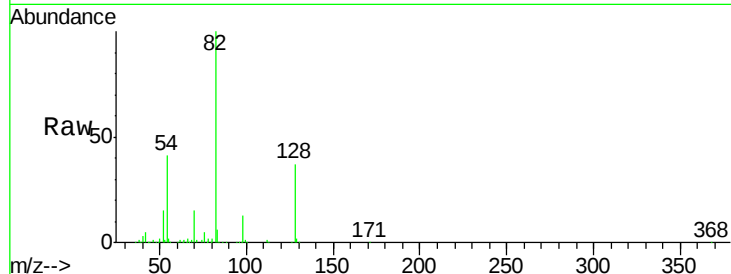
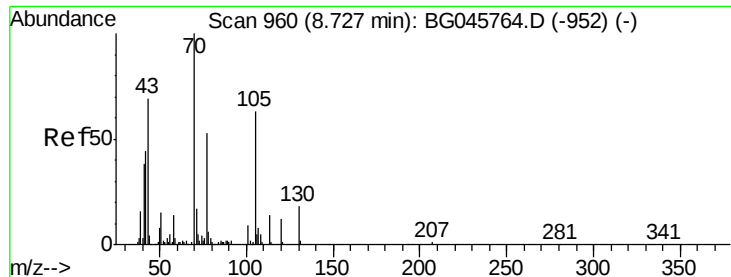
108 27.0 50.7 76.1#

77 88.2 50.4 75.6#



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

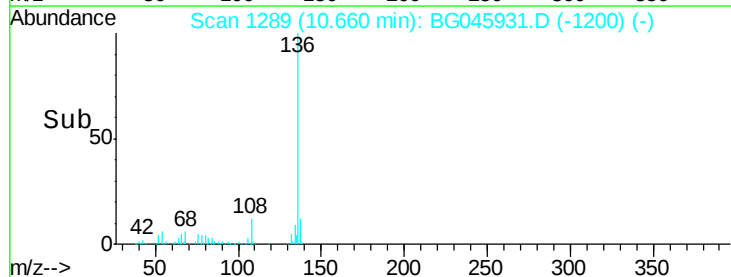
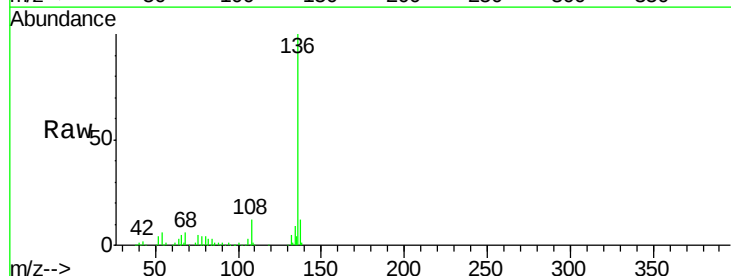
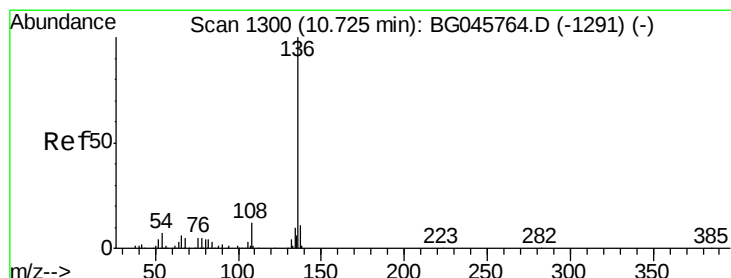
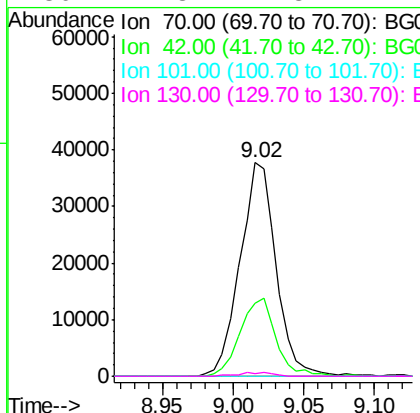




#19
n-Nitroso-di-n-propylamine
Concen: 22.400 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG045931.D
Acq: 3 Jul 2020 3:27

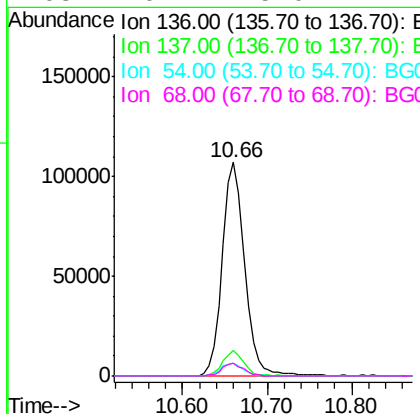
Instrument :
BNA_G
ClientSampleId :
PB129945BL

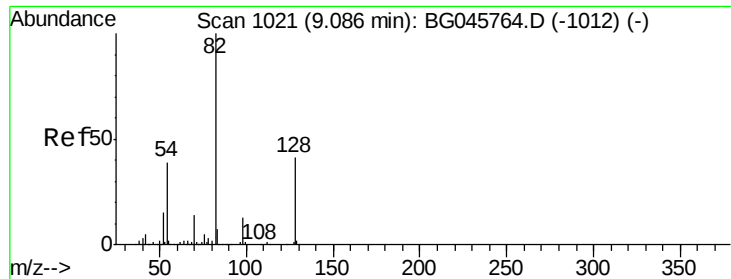
Tot Ion: 70 Resp: 67215
Ion Ratio Lower Upper
70 100
42 34.3 35.6 53.4#
101 0.0 6.6 10.0#
130 1.3 14.8 22.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045931.D
Acq: 3 Jul 2020 3:27

Tgt Ion: 136 Resp: 197136
Ion Ratio Lower Upper
136 100
137 11.9 8.2 12.4
54 6.2 4.6 7.0
68 6.2 5.0 7.4

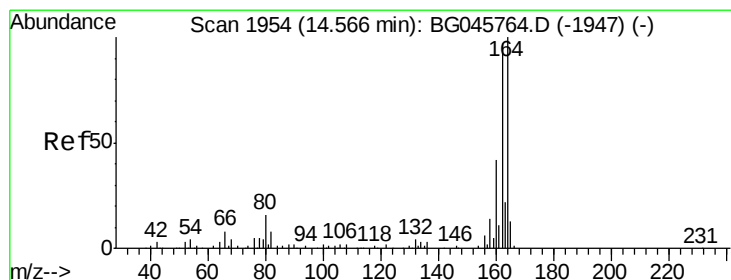
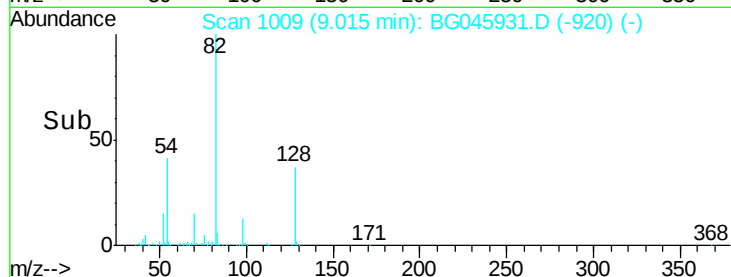
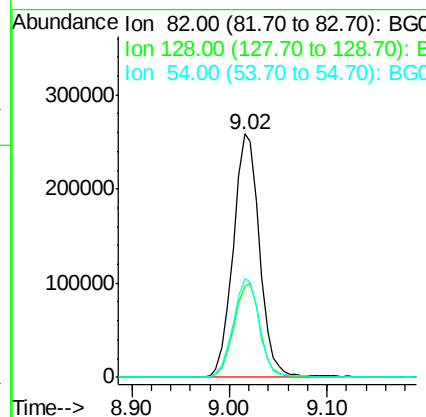
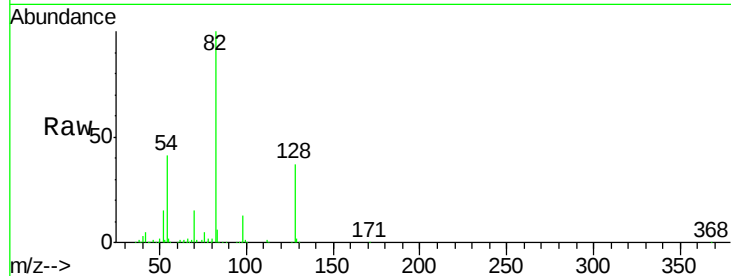




#23
 Nitrobenzene-d5
 Concen: 112.313 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG045931.D
 Acq: 3 Jul 2020 3:27

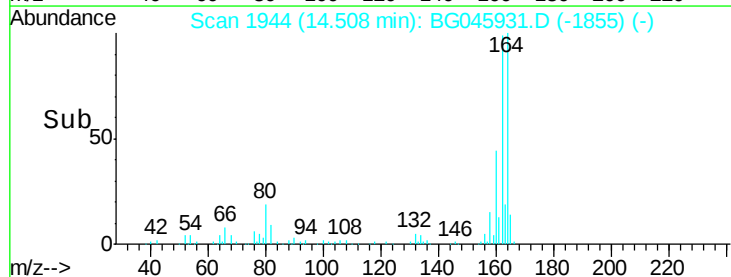
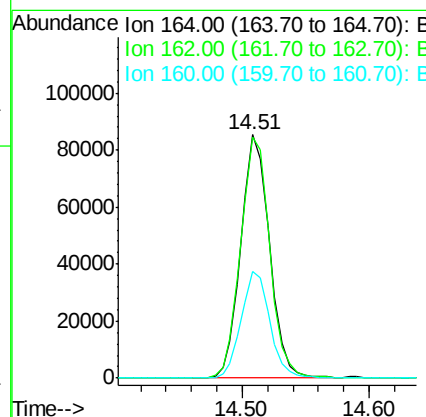
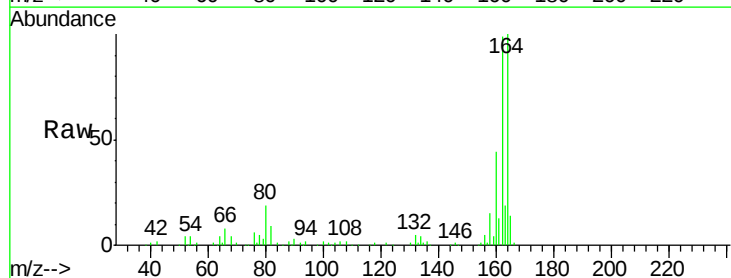
Instrument :
 BNA_G
 ClientSampleId :
 PB129945BL

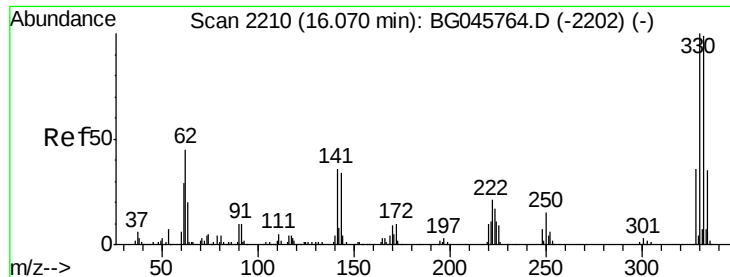
Tot Ion: 82 Resp: 484660
 Ion Ratio Lower Upper
 82 100
 128 37.5 29.9 44.9
 54 40.6 33.3 49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BG045931.D
 Acq: 3 Jul 2020 3:27

Tgt Ion: 164 Resp: 133574
 Ion Ratio Lower Upper
 164 100
 162 99.2 78.8 118.2
 160 43.6 33.8 50.6

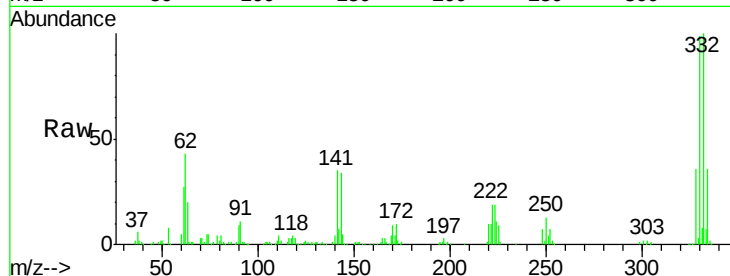




#42
 2,4,6-Tribromophenol
 Concen: 154.252 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG045931.D
 Acq: 3 Jul 2020 3:27

Instrument :
 BNA_G
 ClientSampleId :
 PB129945BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.4	119.0
141	35.2	28.2	42.2

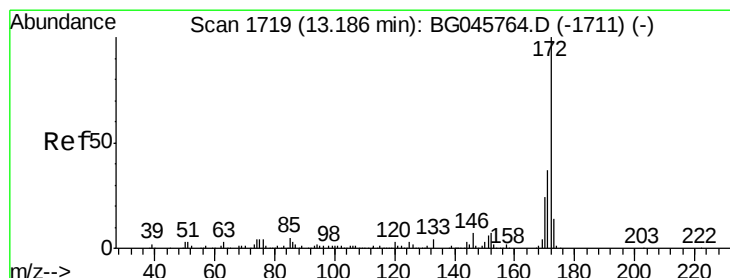
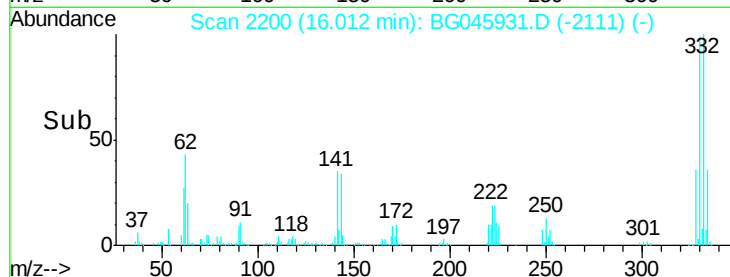
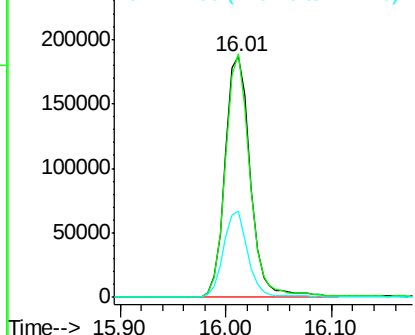


Abundance

Ion 329.80 (329.50 to 330.50): E

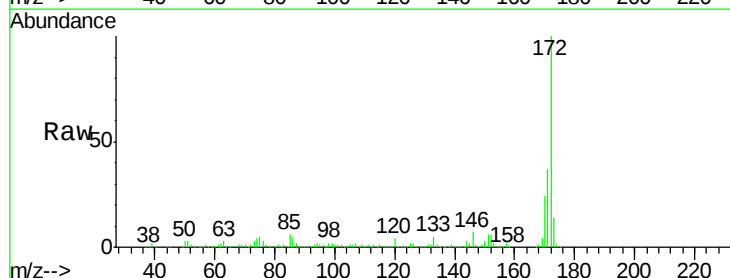
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 115.783 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045931.D
 Acq: 3 Jul 2020 3:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.5	42.7
170	23.7	18.9	28.3

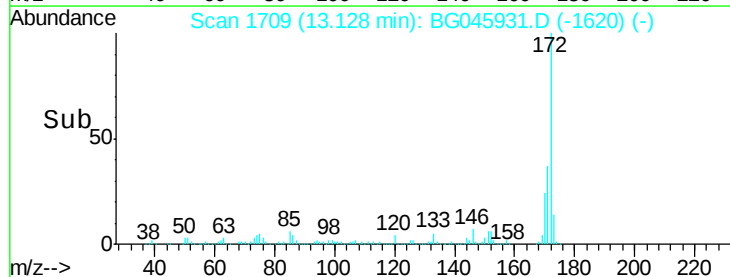
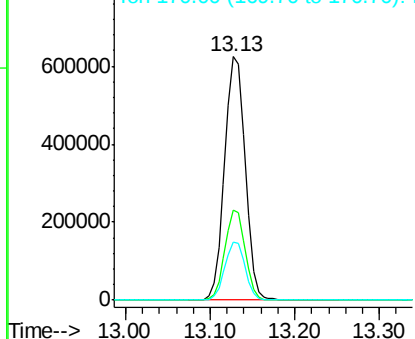


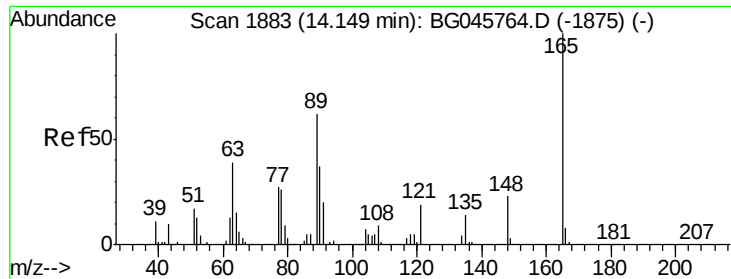
Abundance

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: 7.188 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.41 min

Lab File: BG045931.D

Acq: 3 Jul 2020 3:27

Instrument :

BNA_G

ClientSampleId :

PB129945BL

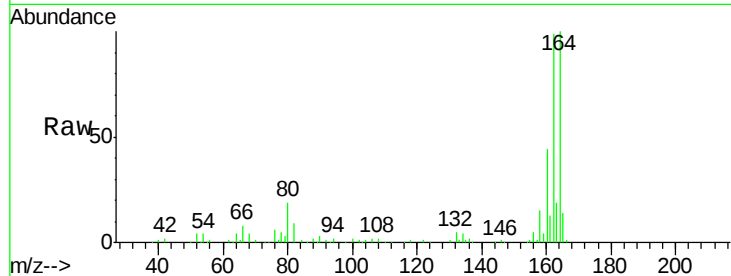
Tot Ion:165 Resp: 16893

Ion Ratio Lower Upper

165 100

63 2.1 41.4 62.2#

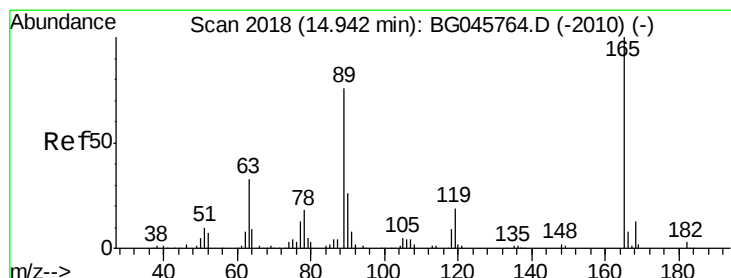
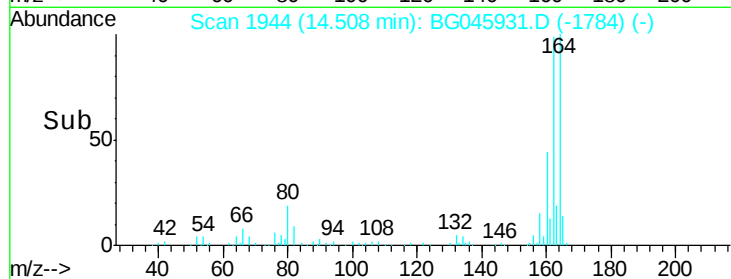
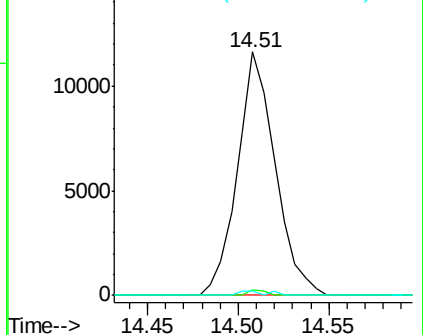
89 1.9 45.4 68.0#



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



#57

2,4-Dinitrotoluene

Concen: 5.017 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.38 min

Lab File: BG045931.D

Acq: 3 Jul 2020 3:27

Tgt Ion:165 Resp: 16893

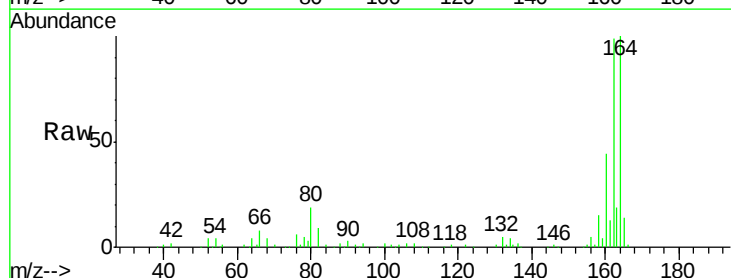
Ion Ratio Lower Upper

165 100

63 2.1 34.5 51.7#

89 1.9 60.8 91.2#

182 0.0 2.3 3.5#

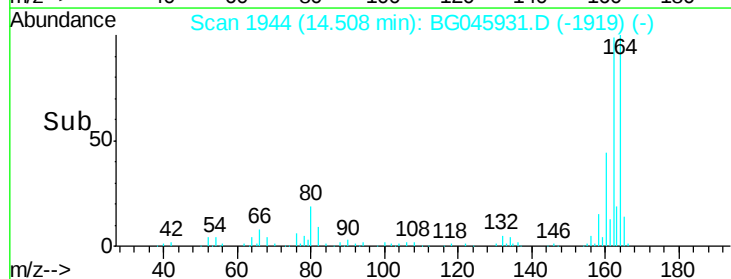
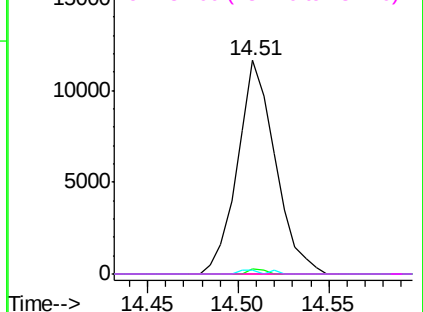


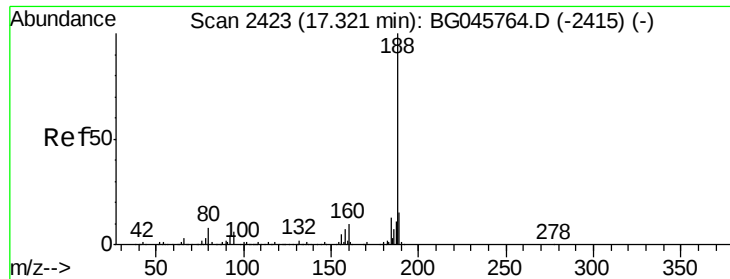
Abundance Ion 165.00 (164.70 to 165.70): E

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

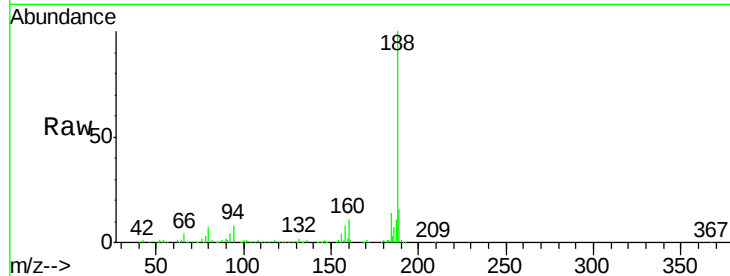




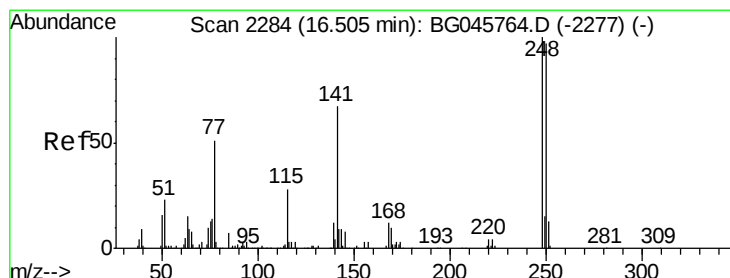
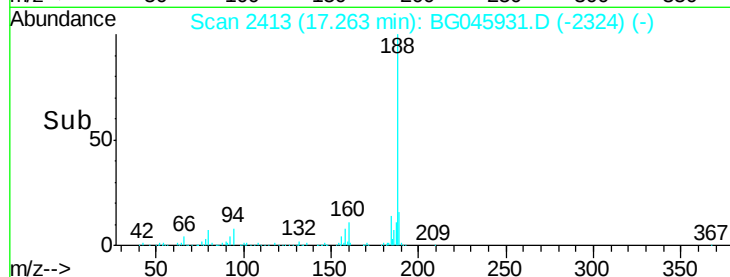
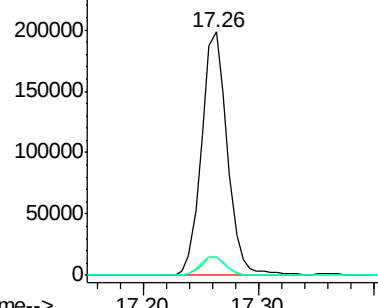
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045931.D
Acq: 3 Jul 2020 3:27

Instrument :
BNA_G
ClientSampleId :
PB129945BL

Tot Ion:188 Resp: 307211
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 7.5 6.1 9.1

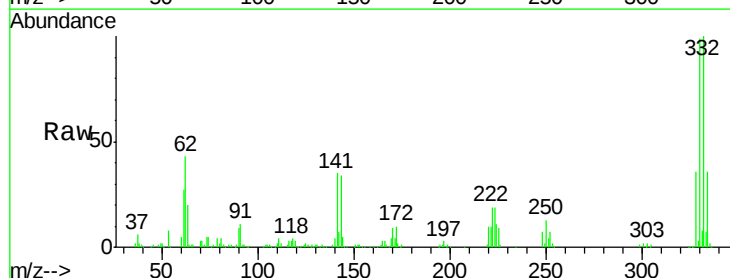


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

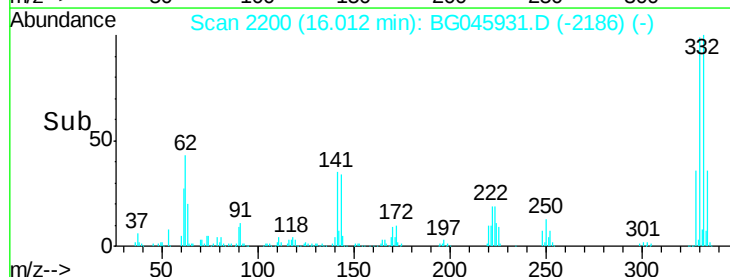
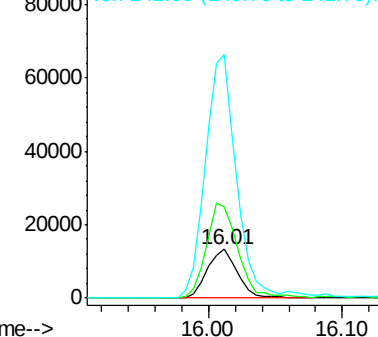


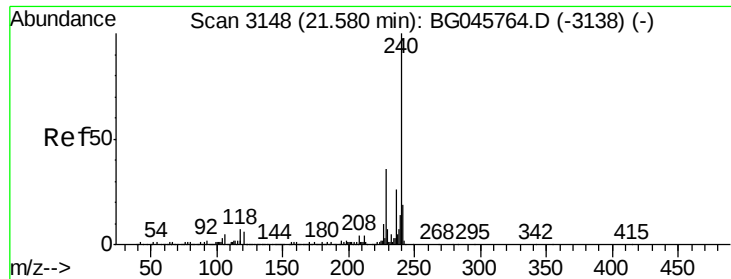
#67
4-Bromophenyl-phenylether
Concen: 5.268 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG045931.D
Acq: 3 Jul 2020 3:27

Tgt Ion:248 Resp: 21028
Ion Ratio Lower Upper
248 100
250 188.5 77.2 115.8#
141 501.8 52.6 79.0#



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: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG045931.D

Acq: 3 Jul 2020 3:27

Instrument :

BNA_G

ClientSampled :

PB129945BL

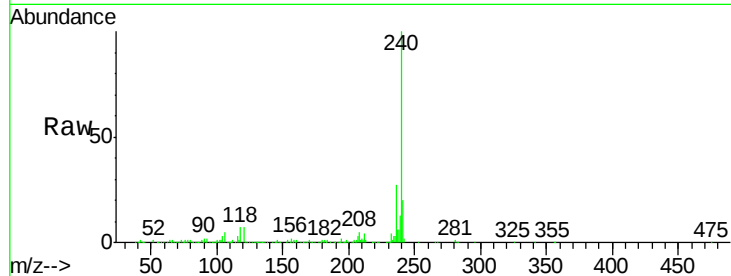
Tot Ion:240 Resp: 330351

Ion Ratio Lower Upper

240 100

120 7.0 5.2 7.8

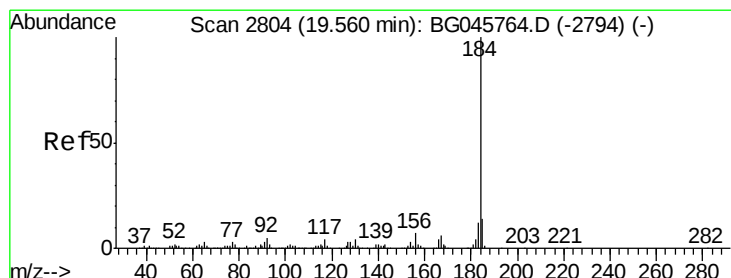
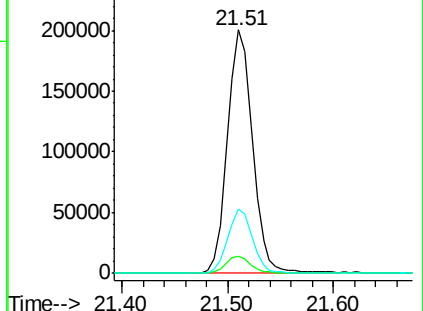
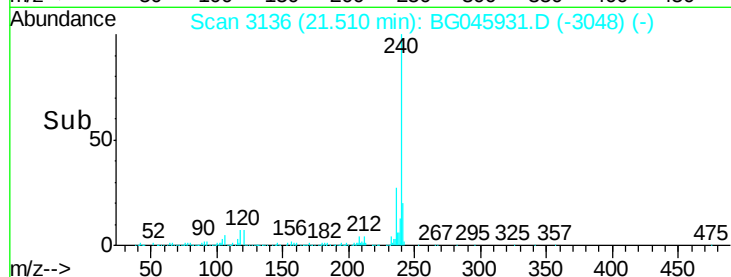
236 26.6 20.8 31.2



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



#77

Benzidine

Concen: 4.321 ng

RT: 19.88 min Scan# 2859

Delta R.T. 0.38 min

Lab File: BG045931.D

Acq: 3 Jul 2020 3:27

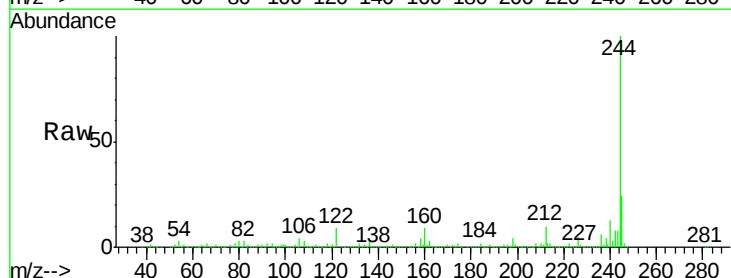
Tgt Ion:184 Resp: 37106

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

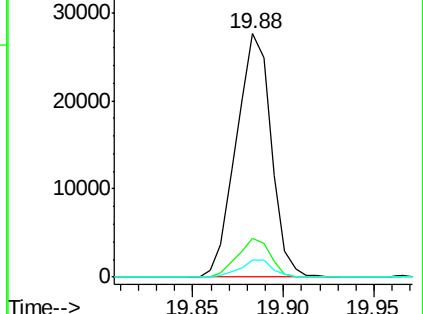
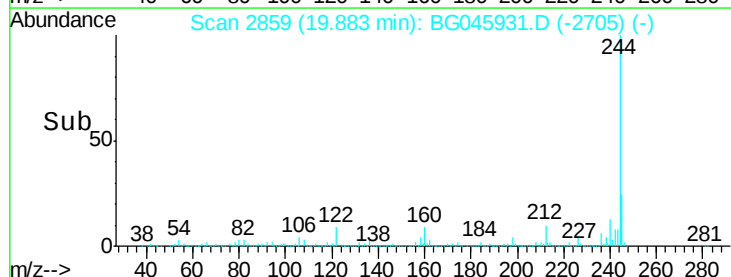
183 7.2 10.6 15.8#

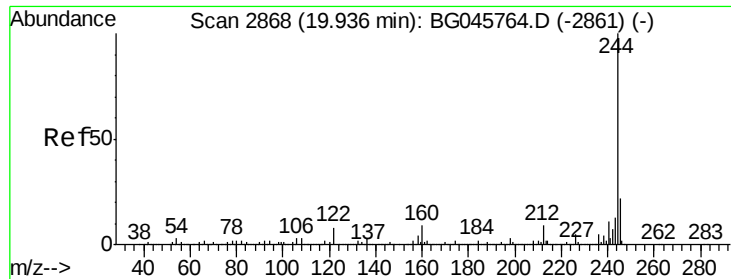


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 117.906 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045931.D

Acq: 3 Jul 2020 3:27

Instrument :

BNA_G

ClientSampleId :

PB129945BL

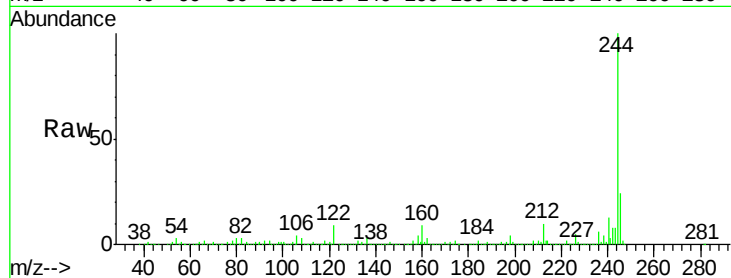
Tot Ion:244 Resp: 1921954

Ion Ratio Lower Upper

244 100

212 9.8 7.0 10.6

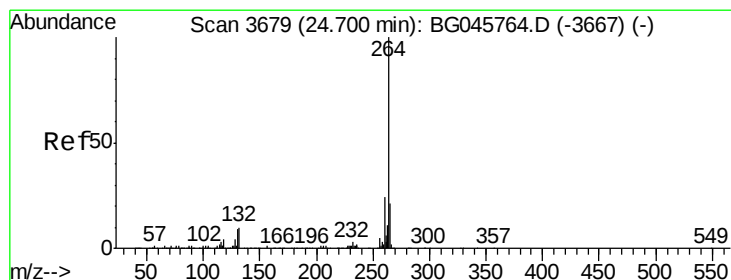
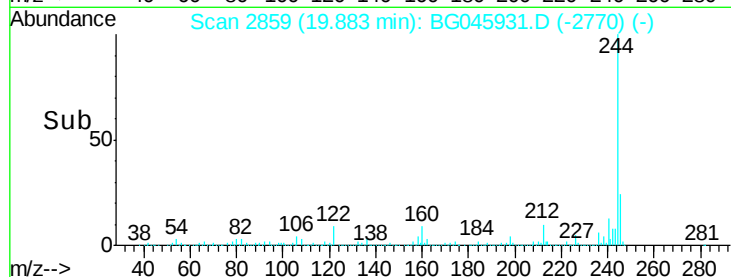
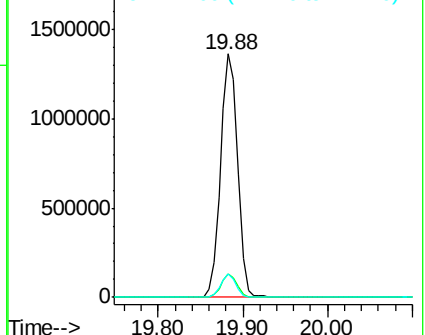
122 9.4 6.6 9.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BG045931.D

Acq: 3 Jul 2020 3:27

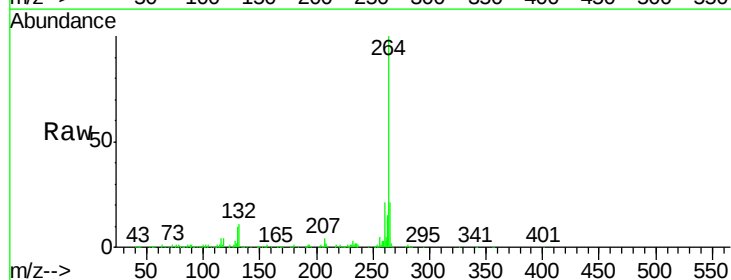
Tgt Ion:264 Resp: 334408

Ion Ratio Lower Upper

264 100

260 21.5 18.5 27.7

265 21.4 16.4 24.6



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

