

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045932.D
 Acq On : 3 Jul 2020 4:07
 Operator : CG/JU
 Sample : PB129945TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129945TB

Quant Time: Jul 03 06:58:52 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

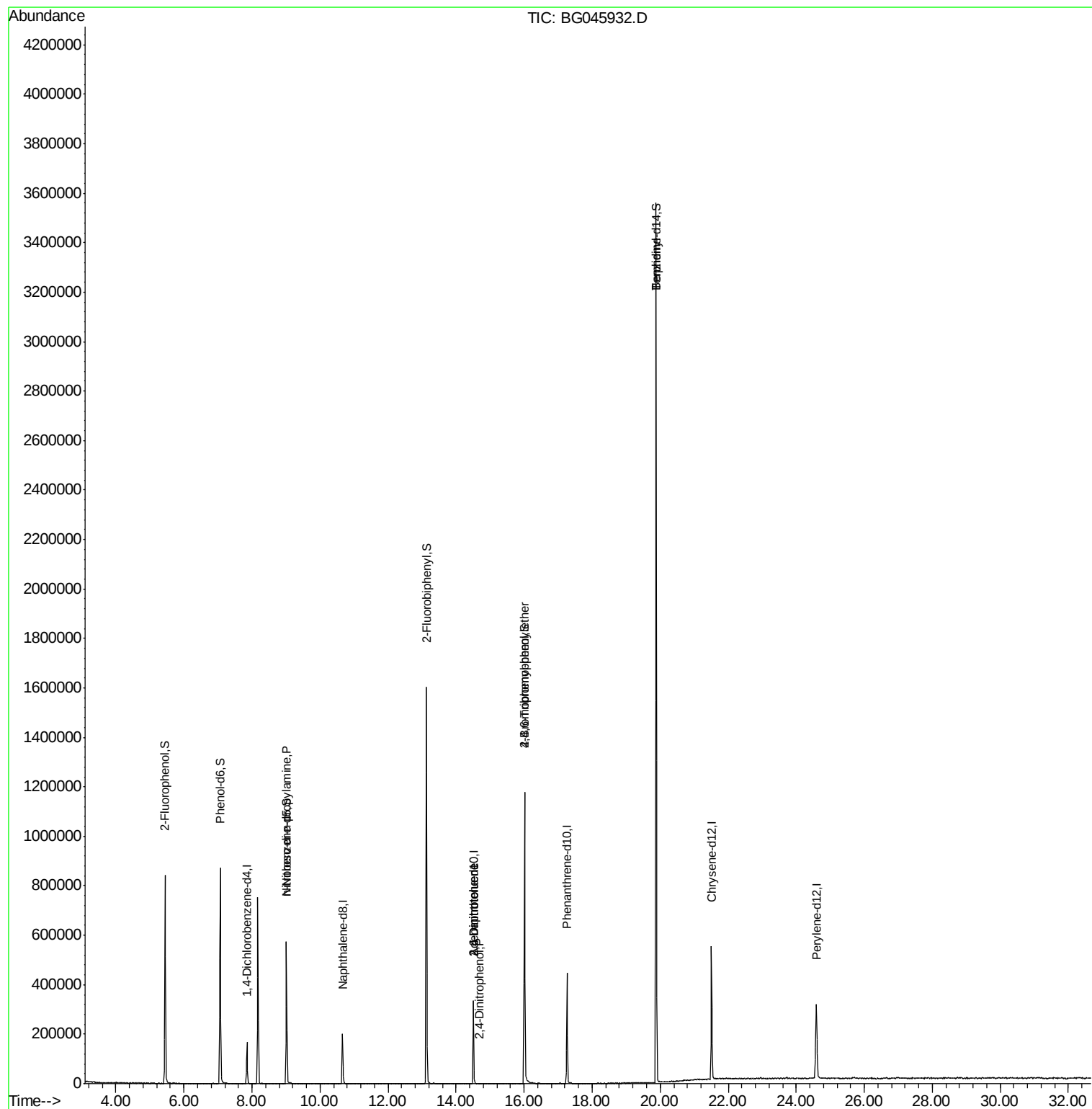
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	46833	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	180321	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	127055	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	300403	20.00	ng	0.00
76) Chrysene-d12	21.51	240	329037	20.00	ng	-0.01
86) Perylene-d12	24.59	264	329694	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	393699	142.00	ng	-0.01
7) Phenol-d6	7.07	99	550807	130.61	ng	-0.01
23) Nitrobenzene-d5	9.02	82	388696	98.47	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	252997	131.89	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	865649	100.12	ng	0.00
79) Terphenyl-d14	19.88	244	1654057	101.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	54381	19.614	ng	# 80
51) 2,6-Dinitrotoluene	14.51	165	16548	7.402	ng	# 27
54) 2,4-Dinitrophenol	14.68	184	55	9.864	ng	# 15
57) 2,4-Dinitrotoluene	14.51	165	16548	5.166	ng	# 23
67) 4-Bromophenyl-phenylether	16.01	248	17200	4.406	ng	# 1
77) Benzidine	19.88	184	31122	3.638	ng	# 86

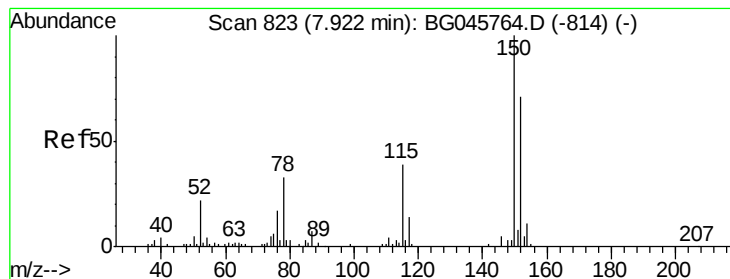
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Jul 03 06:58:52 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



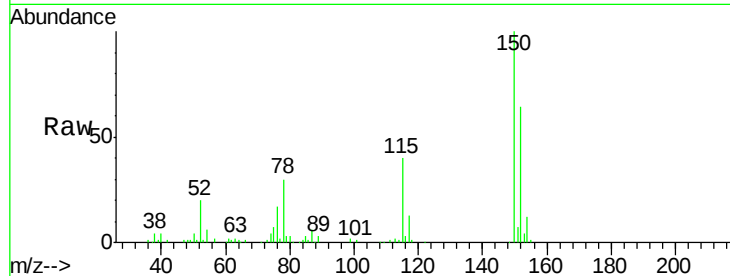


#1

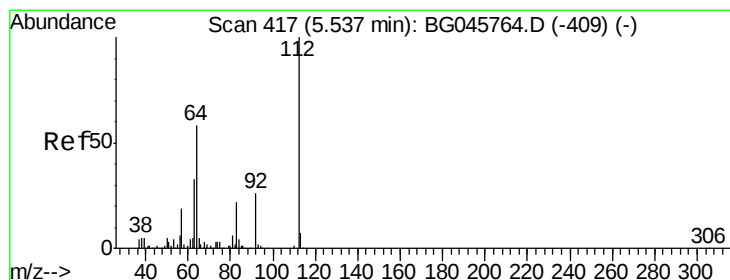
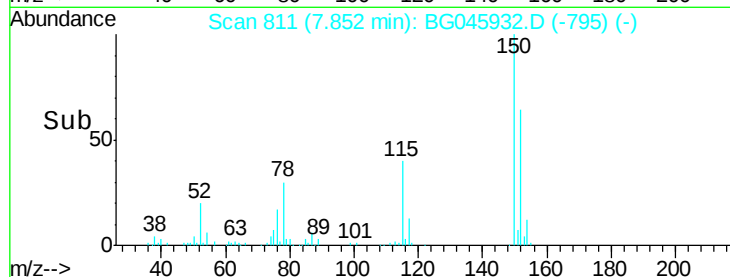
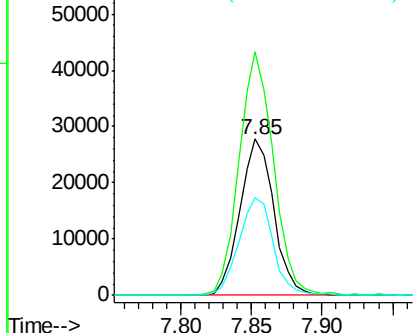
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

Instrument :
BNA_G
ClientSampleId :
PB129945TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.5	186.7
115	62.7	45.8	68.8



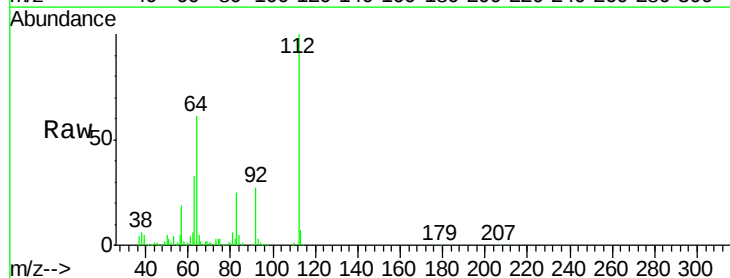
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



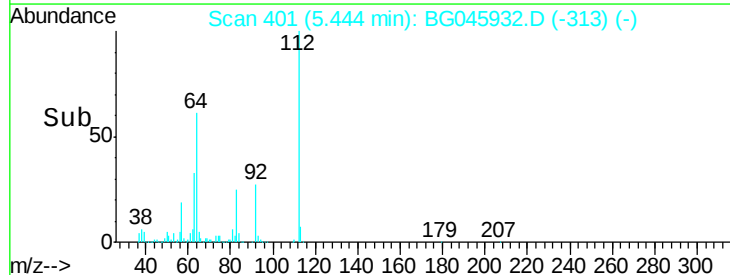
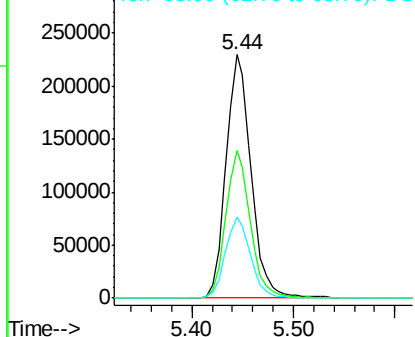
#5

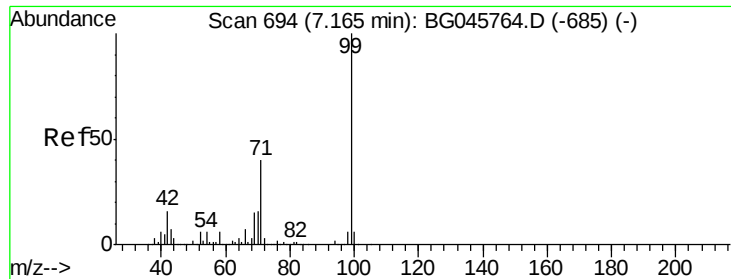
2-Fluorophenol
Concen: 142.005 ng
RT: 5.44 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	44.9	67.3
63	33.3	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: 130.612 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

Instrument :

BNA_G

ClientSampleId :

PB129945TB

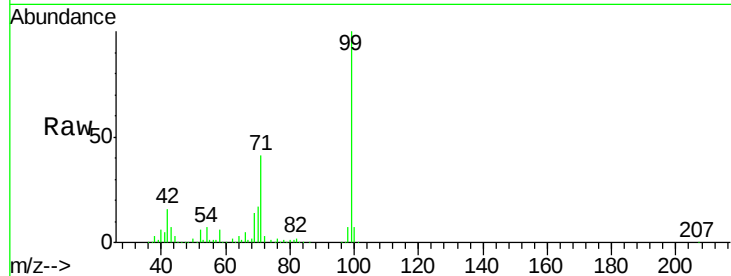
Tot Ion: 99 Resp: 550807

Ion Ratio Lower Upper

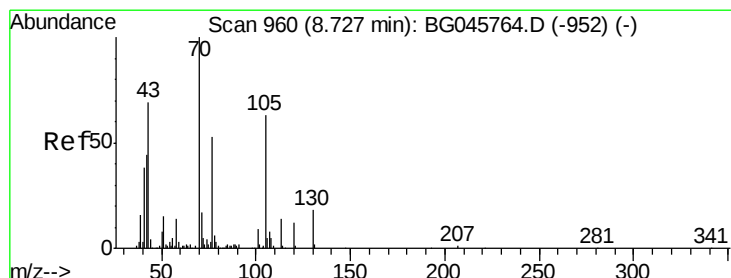
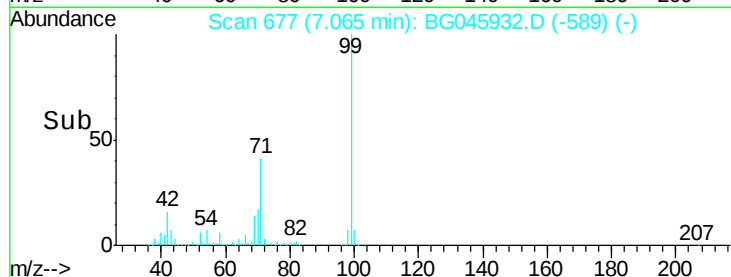
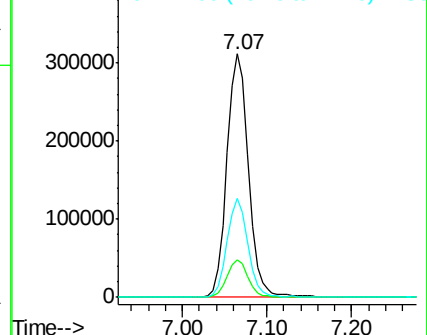
99 100

42 15.6 11.8 17.8

71 40.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 19.614 ng

RT: 9.02 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

Tgt Ion: 70 Resp: 54381

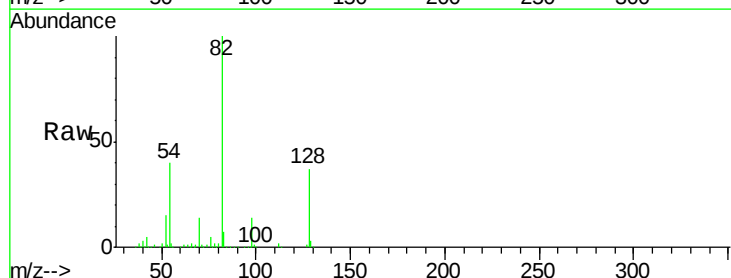
Ion Ratio Lower Upper

70 100

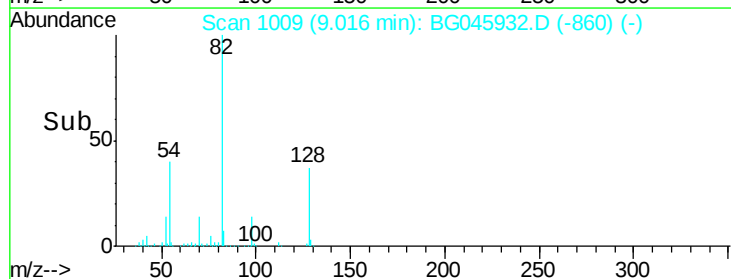
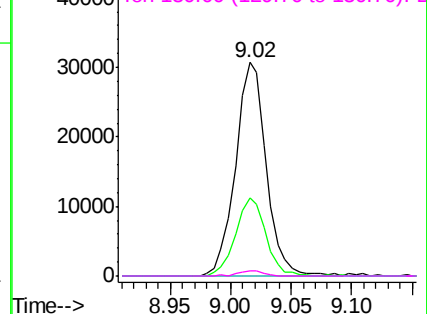
42 36.4 35.6 53.4

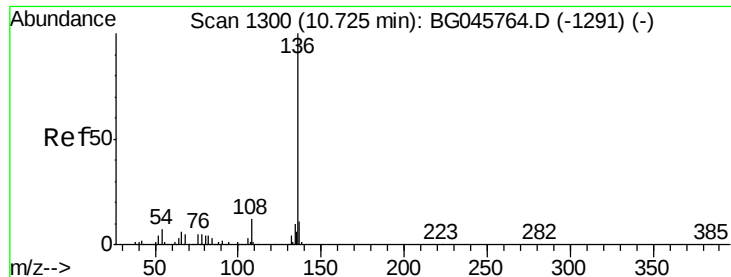
101 0.0 6.6 10.0#

130 2.4 14.8 22.2#



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

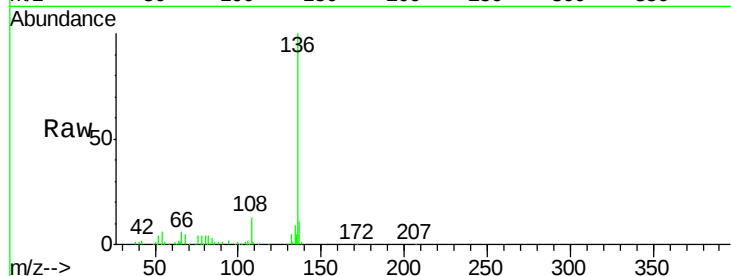




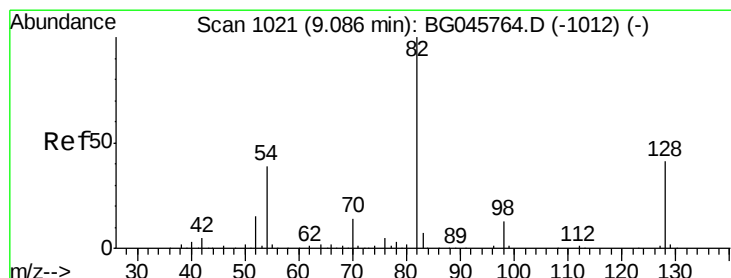
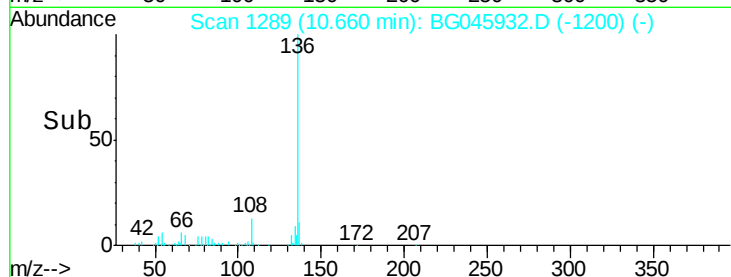
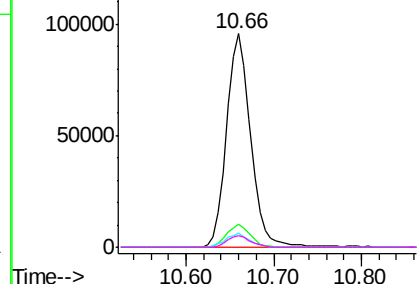
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

Instrument :
BNA_G
ClientSampleId :
PB129945TB

Tot Ion:136	Resp: 180321
Ion Ratio	Lower Upper
136 100	
137 10.8	8.2 12.4
54 6.3	4.6 7.0
68 5.5	5.0 7.4

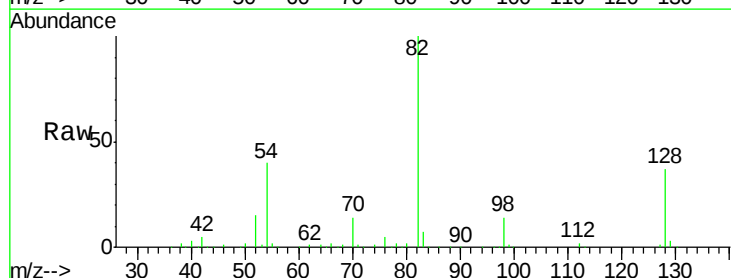


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

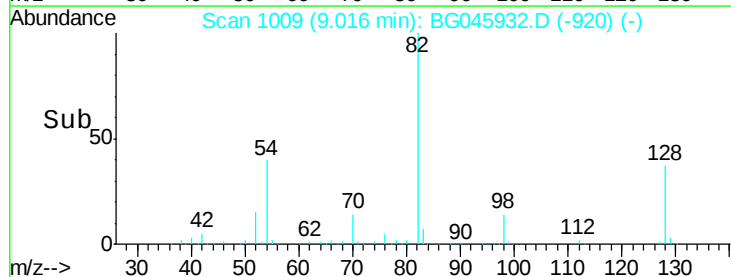
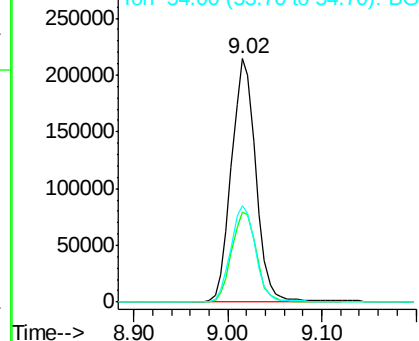


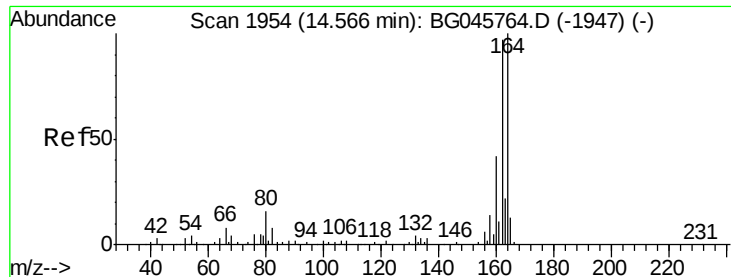
#23
Nitrobenzene-d5
Concen: 98.474 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

Tgt Ion: 82	Resp: 388696
Ion Ratio	Lower Upper
82 100	
128 37.2	29.9 44.9
54 39.6	33.3 49.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

Instrument :

BNA_G

ClientSampleId :

PB129945TB

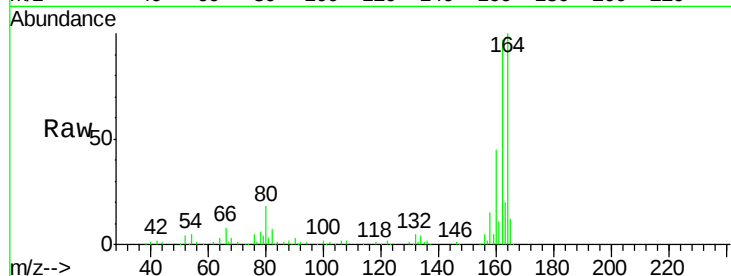
Tot Ion:164 Resp: 127055

Ion Ratio Lower Upper

164 100

162 97.2 78.8 118.2

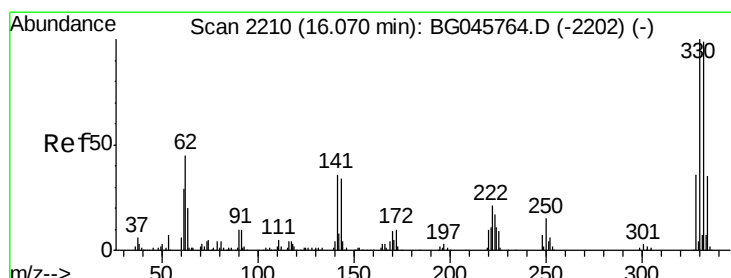
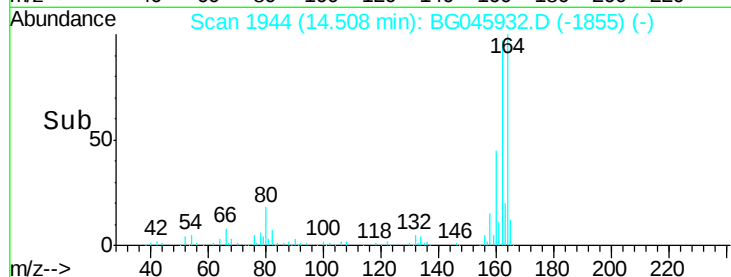
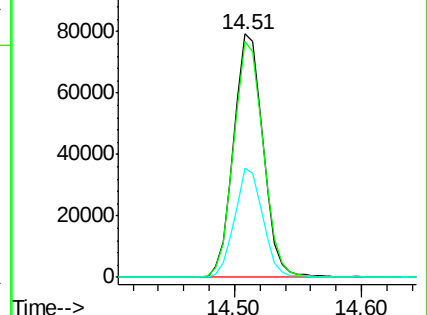
160 45.1 33.8 50.6



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: 131.893 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

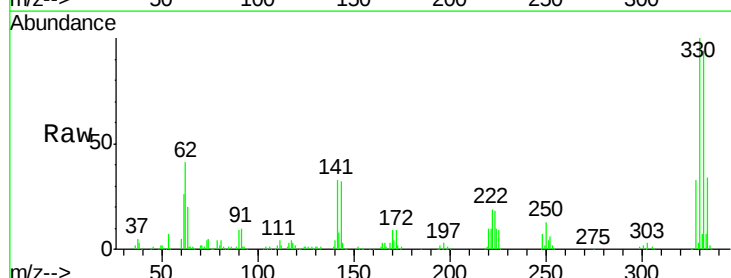
Tgt Ion:330 Resp: 252997

Ion Ratio Lower Upper

330 100

332 97.9 79.4 119.0

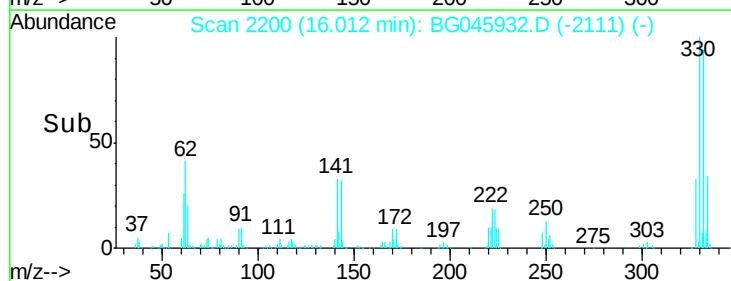
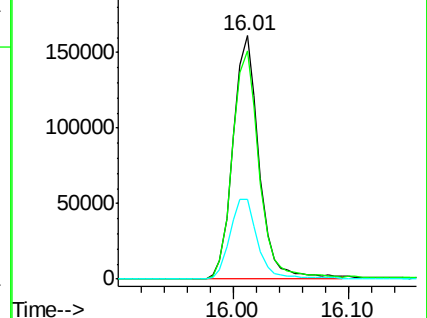
141 34.6 28.2 42.2

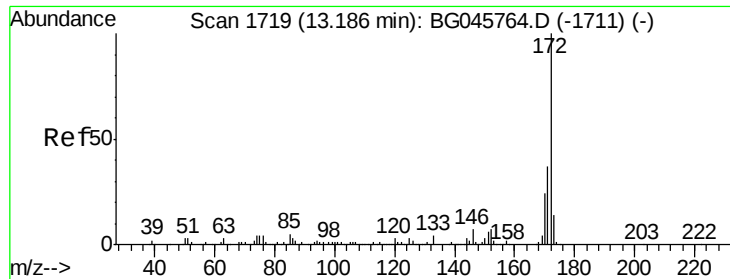


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

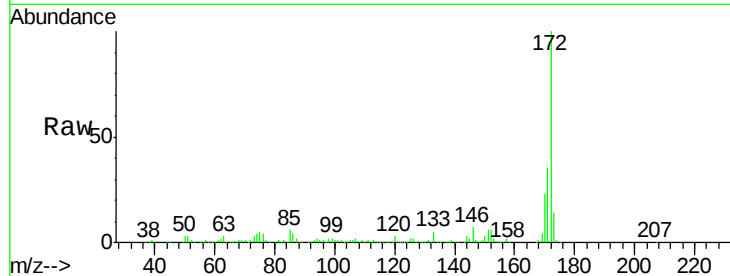




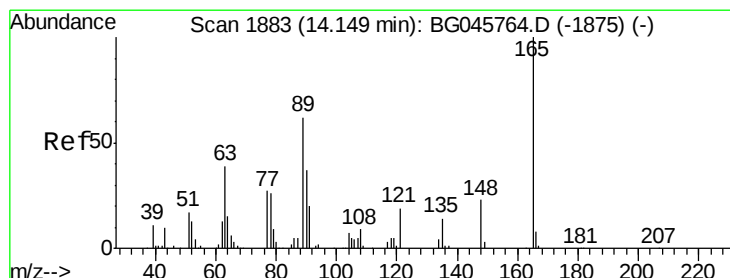
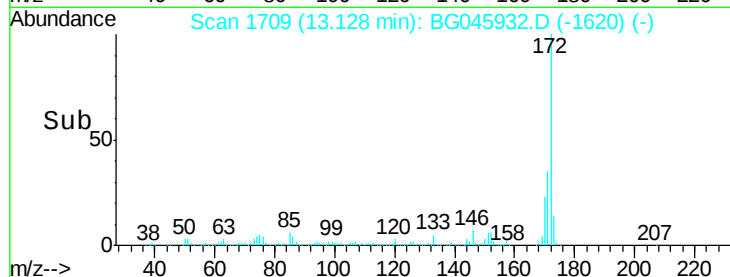
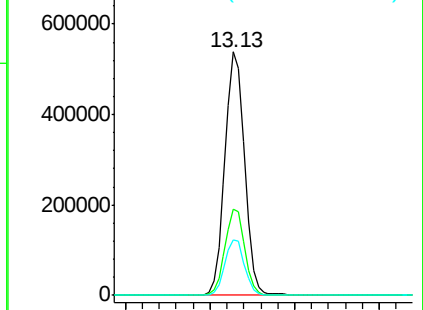
#45
2-Fluorobiphenyl
Concen: 100.124 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

Instrument :
BNA_G
ClientSampleId :
PB129945TB

Tot Ion:172 Resp: 865649
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.8 18.9 28.3

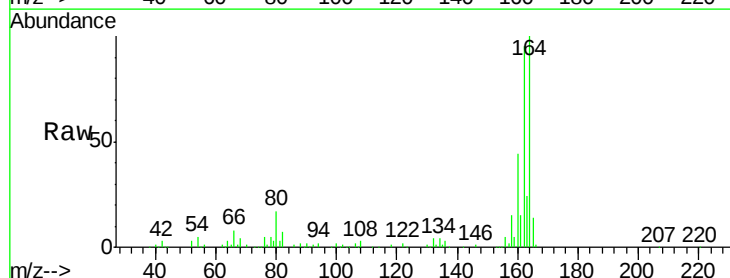


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

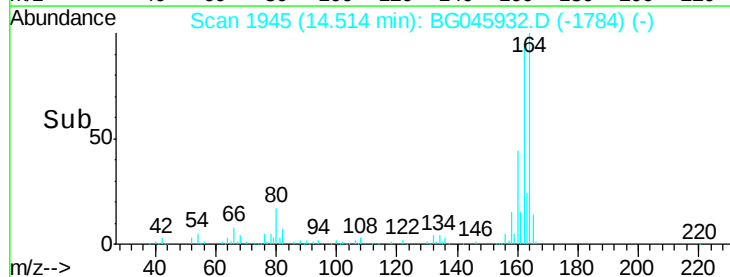
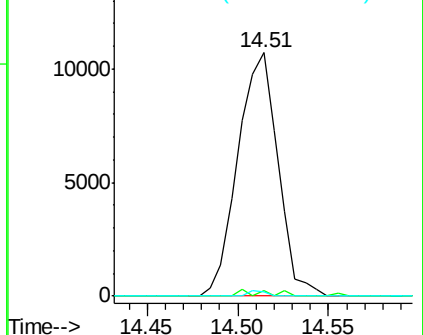


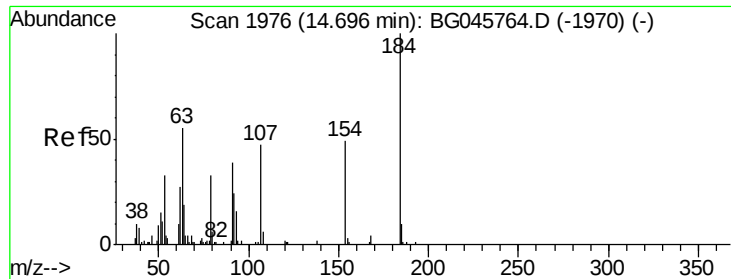
#51
2,6-Dinitrotoluene
Concen: 7.402 ng
RT: 14.51 min Scan# 1945
Delta R.T. 0.42 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

Tgt Ion:165 Resp: 16548
Ion Ratio Lower Upper
165 100
63 2.1 41.4 62.2#
89 1.5 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

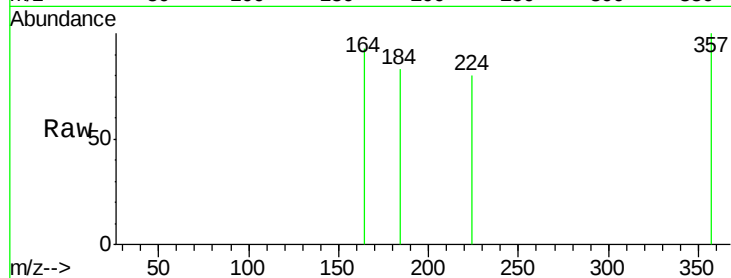




#54
2,4-Dinitrophenol
Concen: 9.864 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.03 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

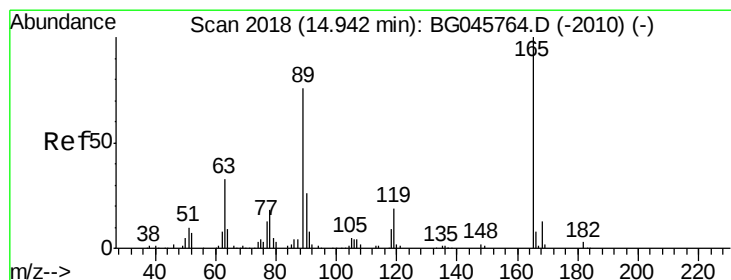
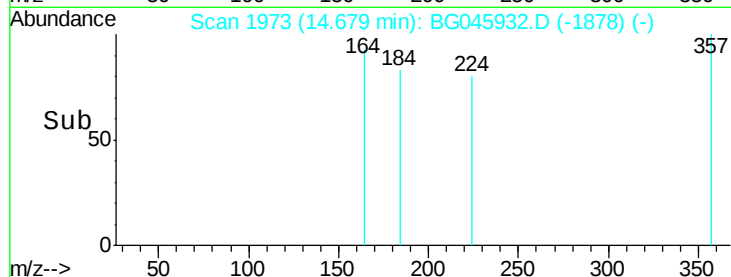
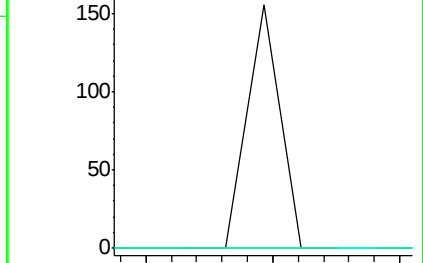
Instrument :
BNA_G
ClientSampleId :
PB129945TB

Tot Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 49.4 74.0#
154 0.0 59.8 89.8#



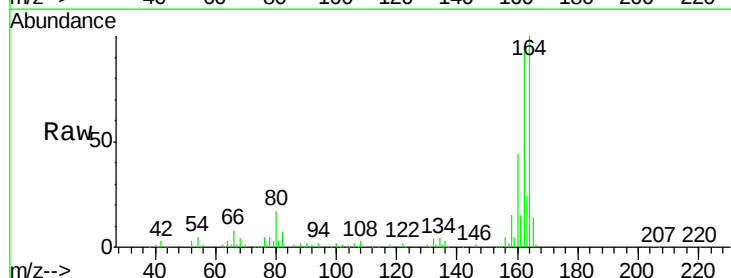
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

14.68



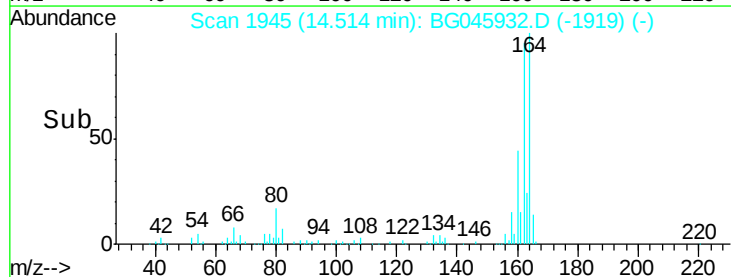
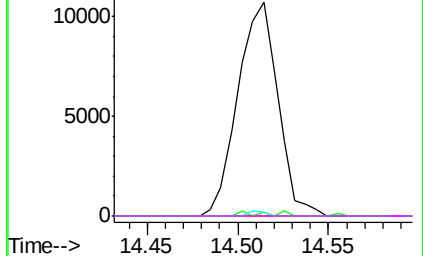
#57
2,4-Dinitrotoluene
Concen: 5.166 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

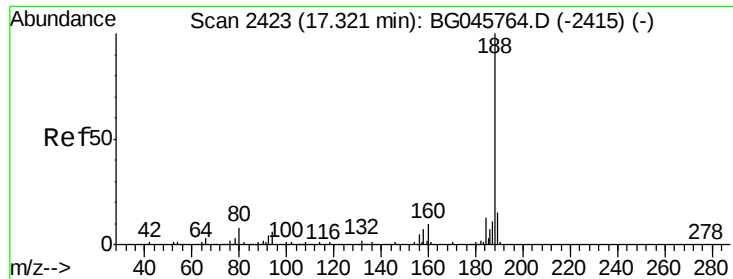
Tgt Ion:165 Resp: 16548
Ion Ratio Lower Upper
165 100
63 2.1 34.5 51.7#
89 1.5 60.8 91.2#
182 0.0 2.3 3.5#



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

14.51

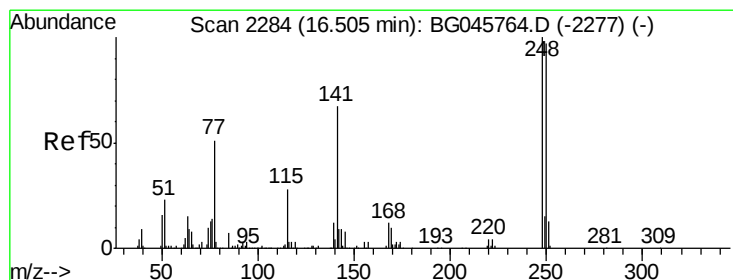
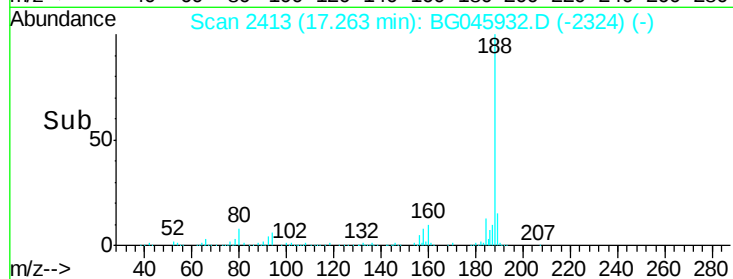
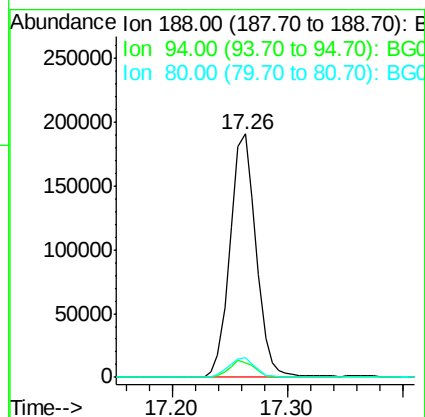
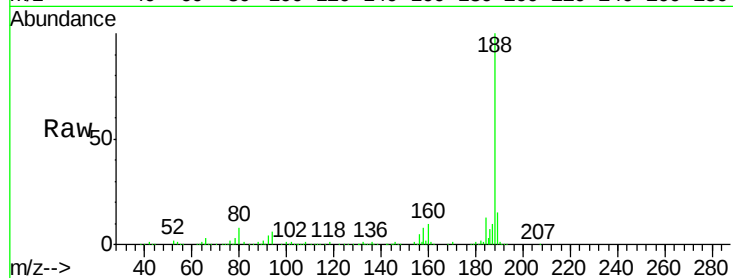




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

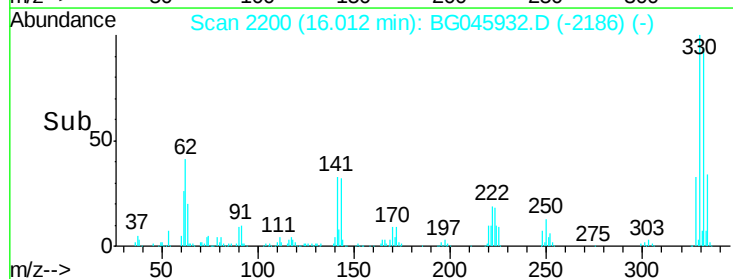
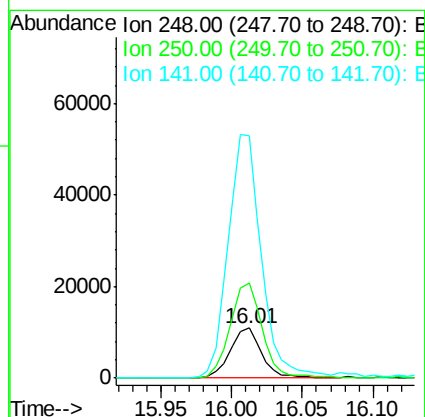
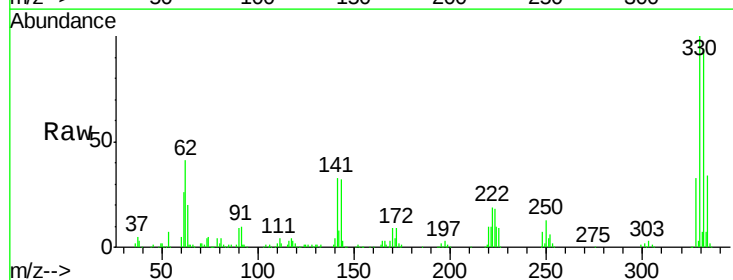
Instrument :
BNA_G
ClientSampleId :
PB129945TB

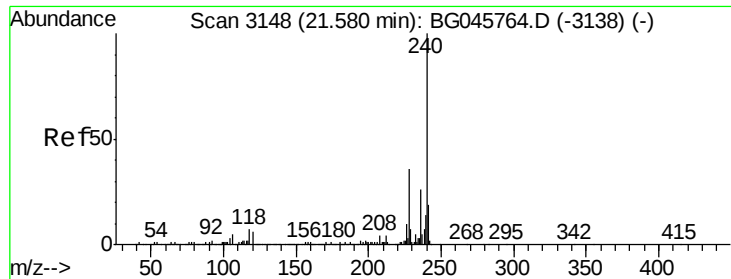
Tot Ion:188 Resp: 300403
Ion Ratio Lower Upper
188 100
94 6.1 5.5 8.3
80 8.2 6.1 9.1



#67
4-Bromophenyl-phenylether
Concen: 4.406 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

Tgt Ion:248 Resp: 17200
Ion Ratio Lower Upper
248 100
250 191.7 77.2 115.8#
141 484.8 52.6 79.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

Instrument :

BNA_G

ClientSampleId :

PB129945TB

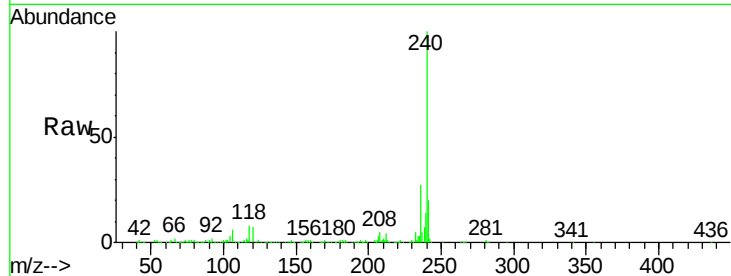
Tot Ion:240 Resp: 329037

Ion Ratio Lower Upper

240 100

120 7.2 5.2 7.8

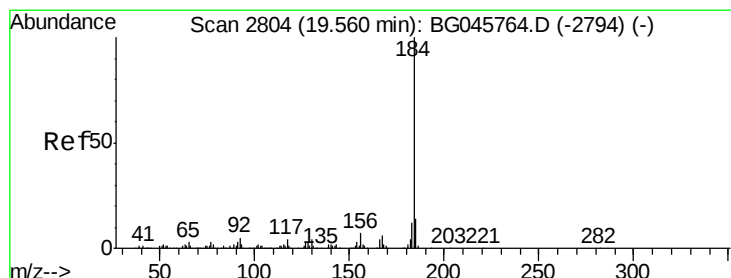
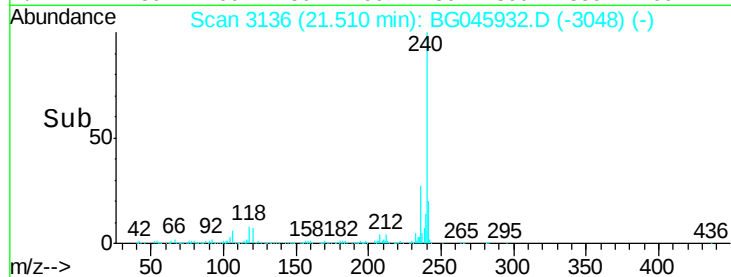
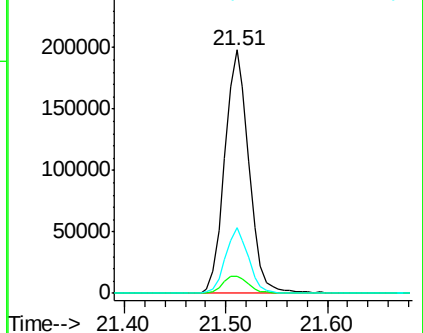
236 27.1 20.8 31.2



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: 3.638 ng

RT: 19.88 min Scan# 2859

Delta R.T. 0.38 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

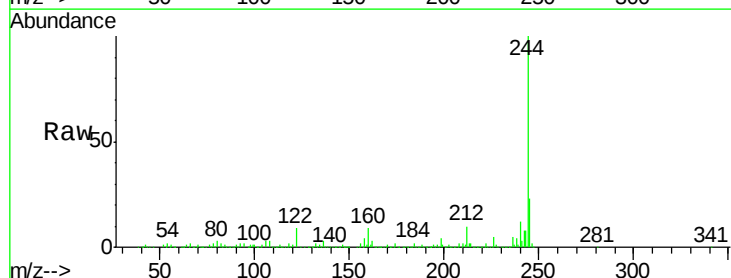
Tgt Ion:184 Resp: 31122

Ion Ratio Lower Upper

184 100

185 17.3 11.1 16.7#

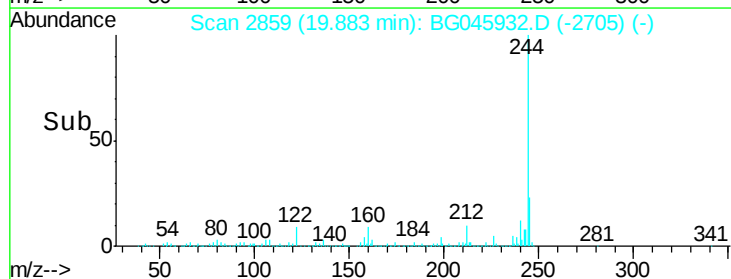
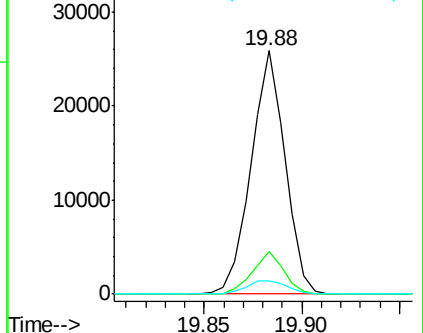
183 5.3 10.6 15.8#

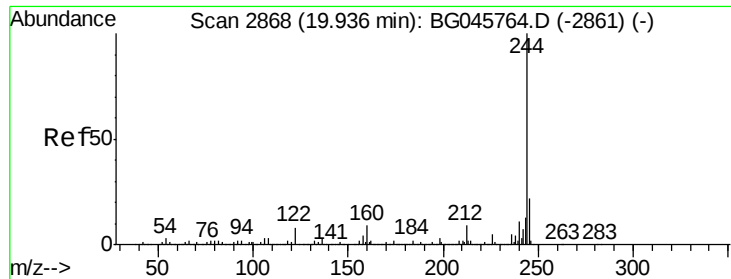


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 101.876 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

Instrument :

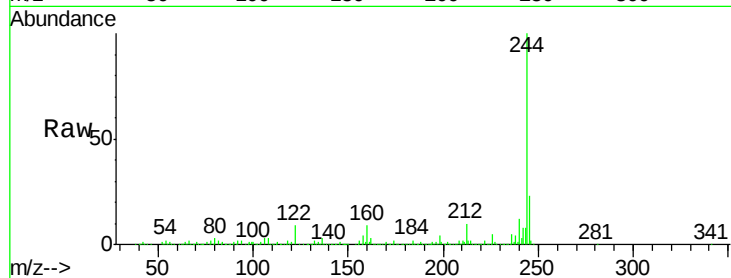
BNA_G

ClientSampleId :

PB129945TB

Tot Ion:244 Resp: 1654057

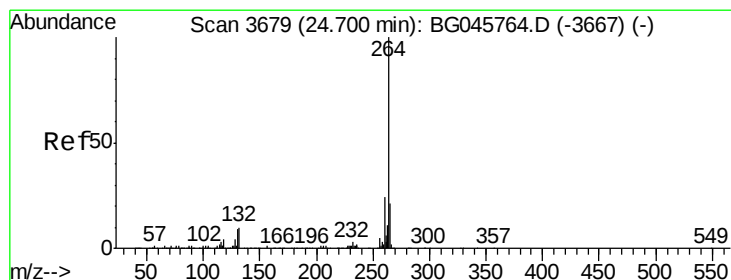
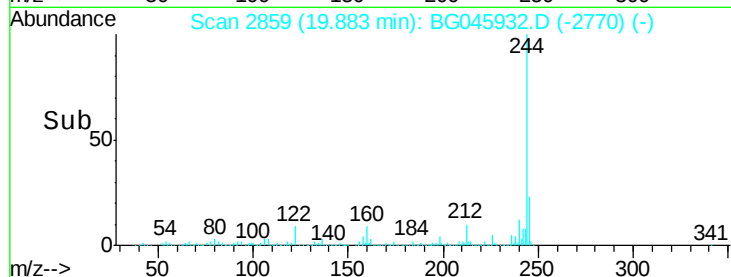
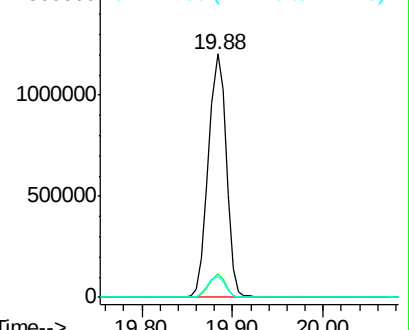
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	8.8	6.6	9.8



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

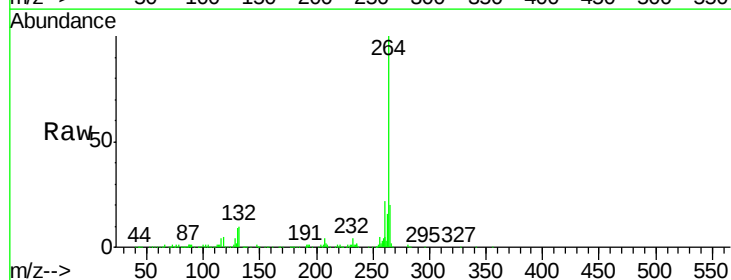
Delta R.T. -0.01 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

Tgt Ion:264 Resp: 329694

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	20.3	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

