

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045657.D
 Acq On : 9 Jun 2020 10:22
 Operator : CG/JU
 Sample : PB129381BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129381BL

Quant Time: Jun 09 11:12:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

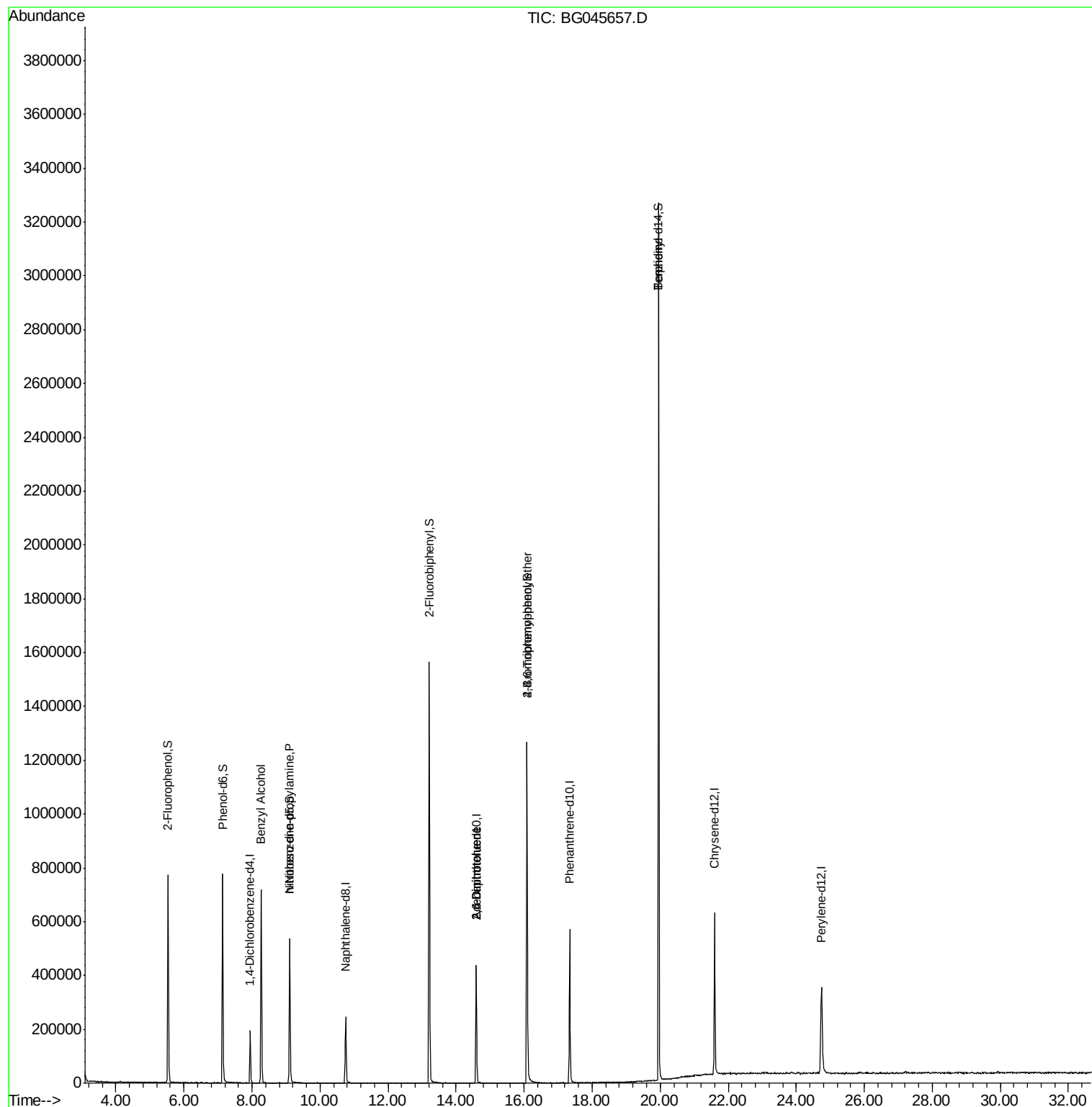
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	53650	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	229839	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	170932	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	414450	20.00	ng	0.00
76) Chrysene-d12	21.60	240	404756	20.00	ng	0.00
87) Perylene-d12	24.74	264	421648	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	367883	134.01	ng	0.00
7) Phenol-d6	7.14	99	519789	133.03	ng	-0.01
23) Nitrobenzene-d5	9.11	82	372576	88.40	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	278783	127.53	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	905517	89.86	ng	0.00
79) Terphenyl-d14	19.96	244	1645153	94.80	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	6751	2.092	ng	# 58
19) n-Nitroso-di-n-propylamine	9.11	70	52272	19.346	ng	# 82
51) 2,6-Dinitrotoluene	14.60	165	22702	8.580	ng	# 23
57) 2,4-Dinitrotoluene	14.60	165	22702	5.924	ng	# 23
67) 4-Bromophenyl-phenylether	16.08	248	18401	4.100	ng	# 1
77) Benzidine	19.95	184	30647	2.696	ng	# 89

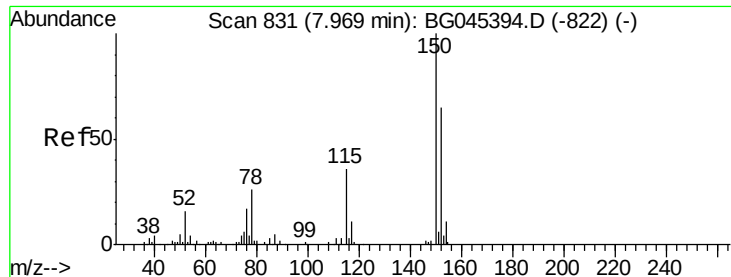
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



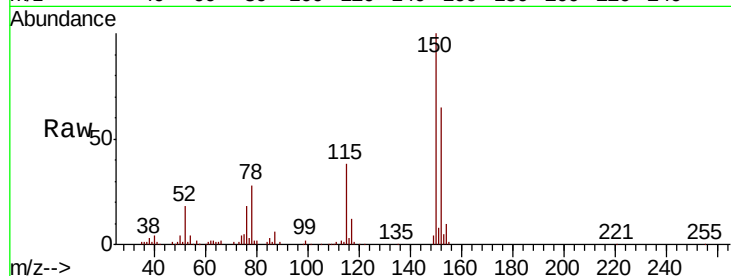


#1

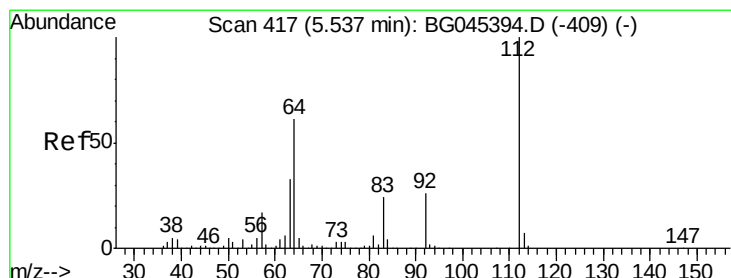
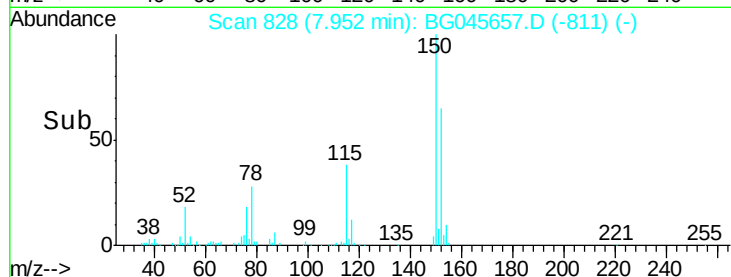
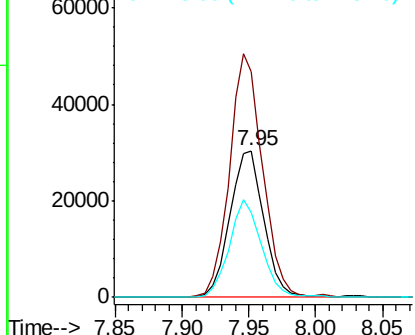
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045657.D
Acq: 9 Jun 2020 10:22

Instrument :
BNA_G
ClientSampleId :
PB129381BL

Tot Ion:152 Resp: 53650
Ion Ratio Lower Upper
152 100
150 153.5 122.4 183.6
115 57.7 44.2 66.4



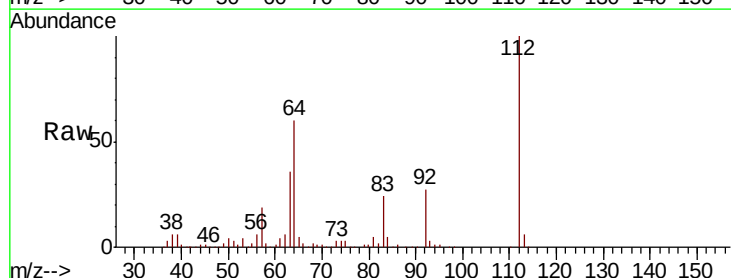
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



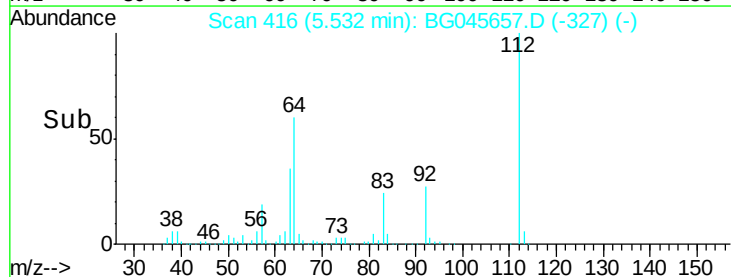
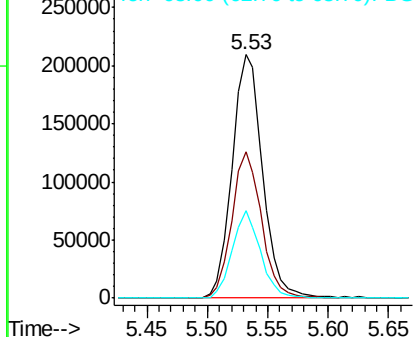
#5

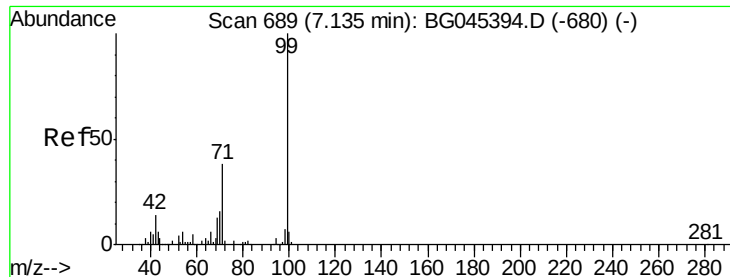
2-Fluorophenol
Concen: 134.008 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045657.D
Acq: 9 Jun 2020 10:22

Tgt Ion:112 Resp: 367883
Ion Ratio Lower Upper
112 100
64 59.9 48.6 72.8
63 35.9 26.5 39.7



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: 133.031 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

Instrument :

BNA_G

ClientSampleId :

PB129381BL

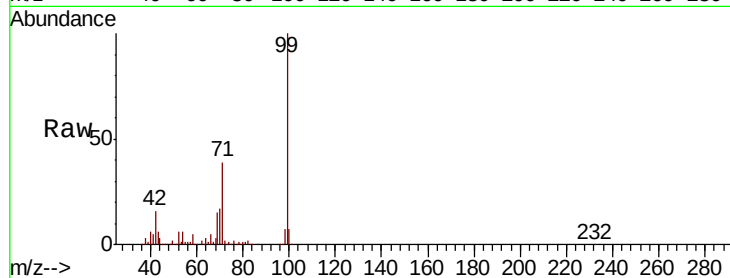
Tot Ion: 99 Resp: 519789

Ion Ratio Lower Upper

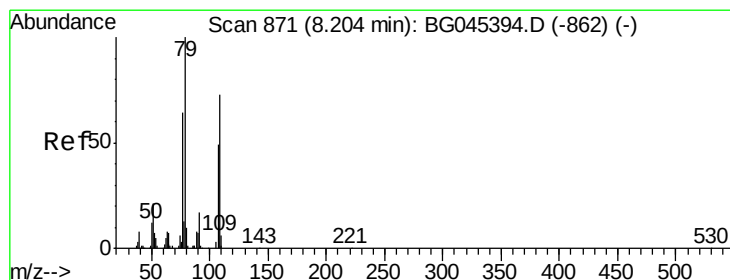
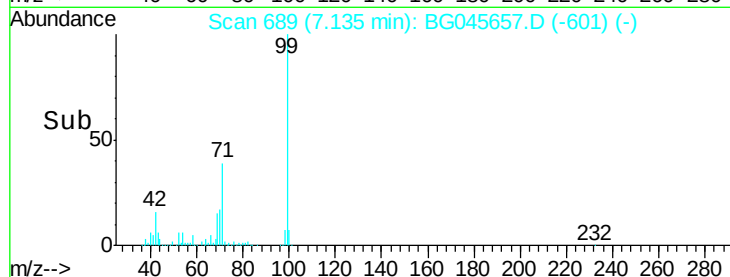
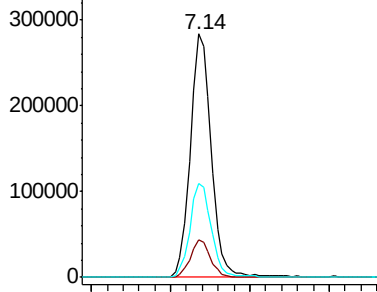
99 100

42 15.6 11.3 16.9

71 38.7 30.8 46.2



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: 2.092 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

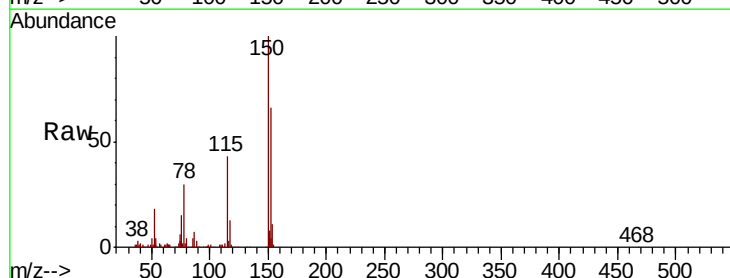
Tgt Ion: 79 Resp: 6751

Ion Ratio Lower Upper

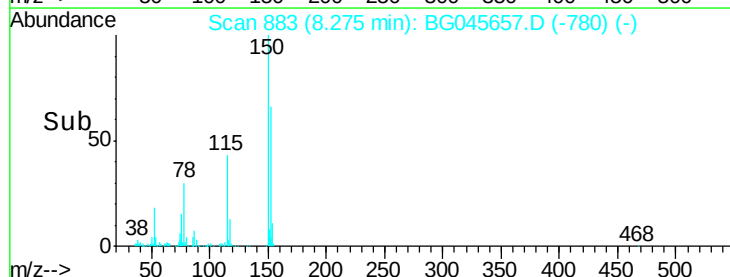
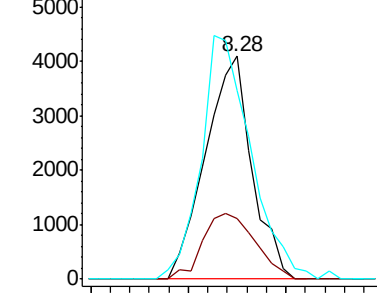
79 100

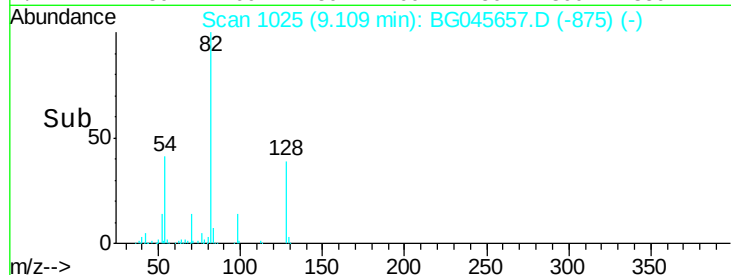
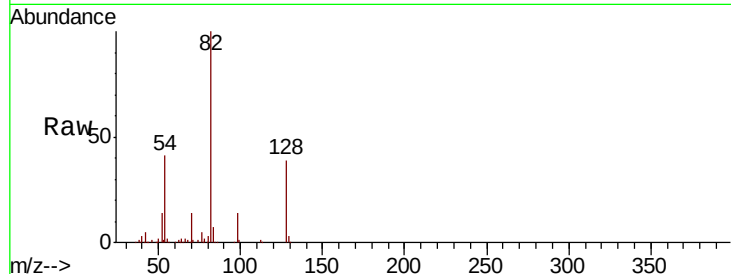
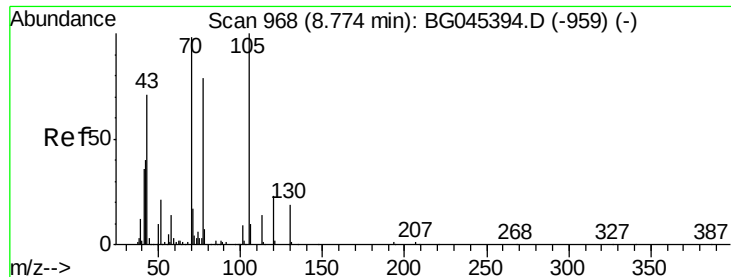
108 27.3 58.2 87.4#

77 84.9 51.0 76.4#



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

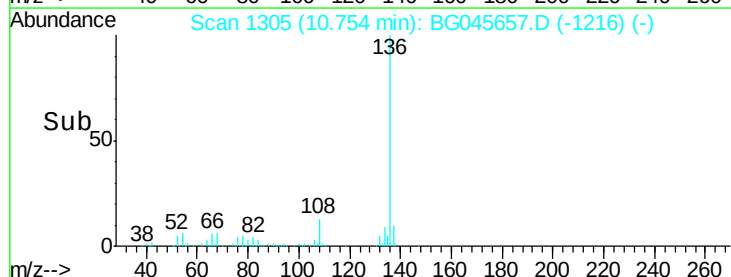
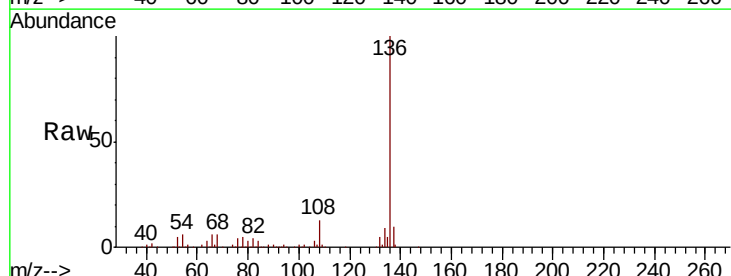
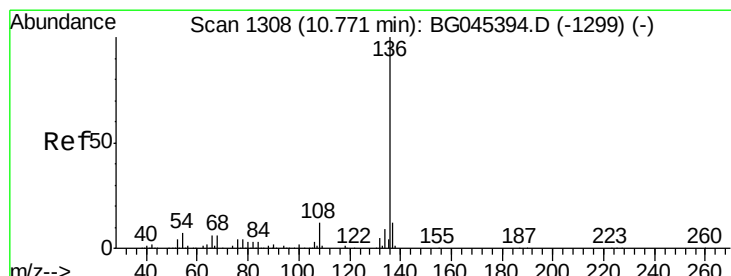
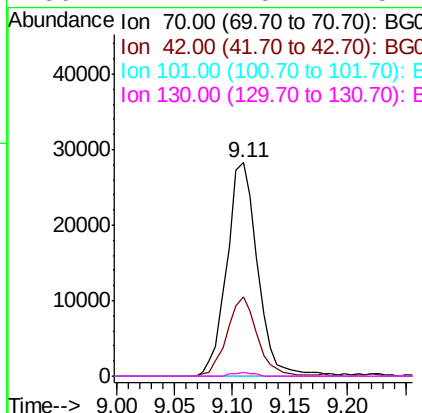




#19
n-Nitroso-di-n-propylamine
Concen: 19.346 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045657.D
Acq: 9 Jun 2020 10:22

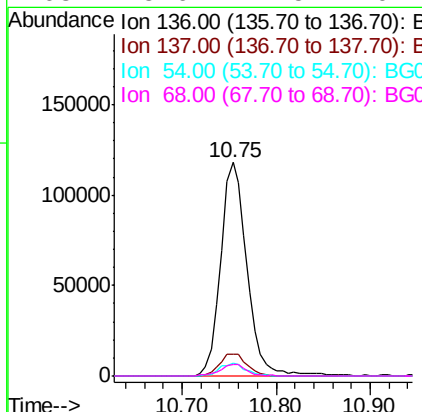
Instrument :
BNA_G
ClientSampleId :
PB129381BL

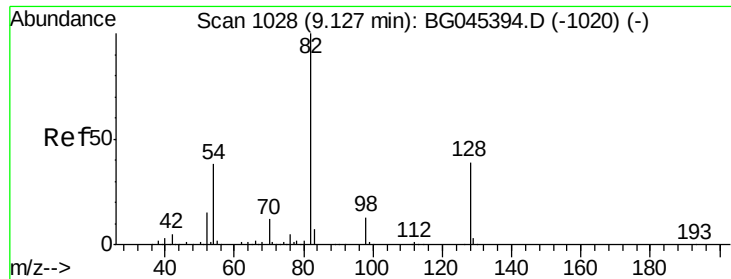
Tot Ion:	70	Resp:	52272
Ion	Ratio	Lower	Upper
70	100		
42	37.2	33.2	49.8
101	0.0	7.8	11.6#
130	2.1	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045657.D
Acq: 9 Jun 2020 10:22

Tgt Ion:	136	Resp:	229839
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.4	14.2
54	6.0	5.8	8.6
68	5.6	4.5	6.7

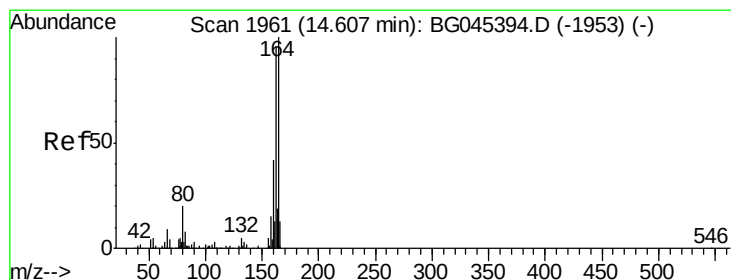
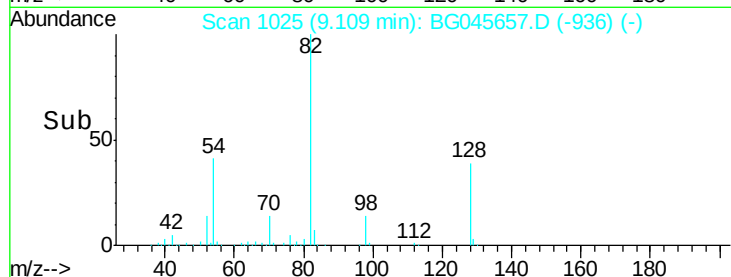
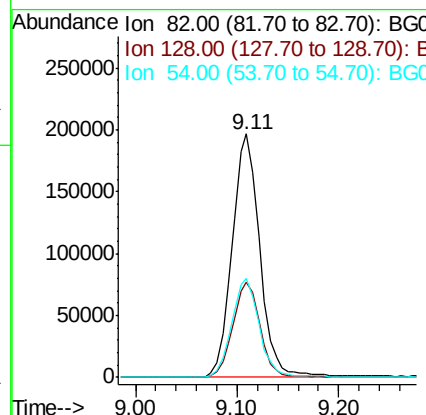
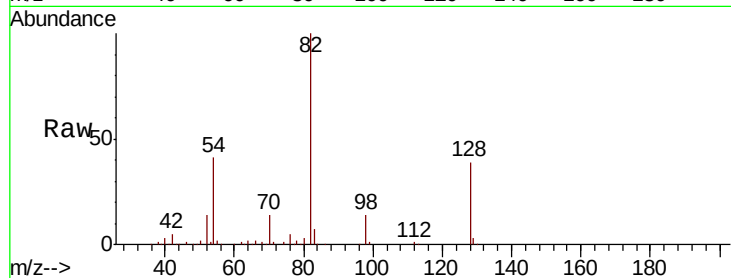




#23
Nitrobenzene-d5
Concen: 88.397 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045657.D
Acq: 9 Jun 2020 10:22

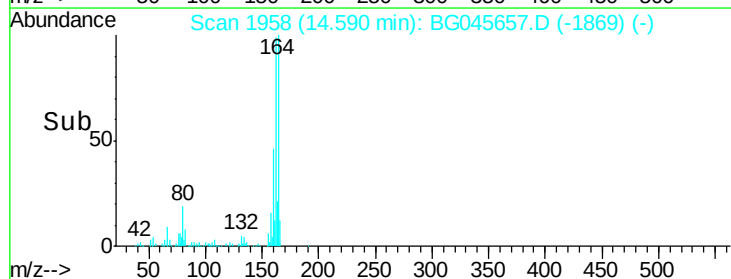
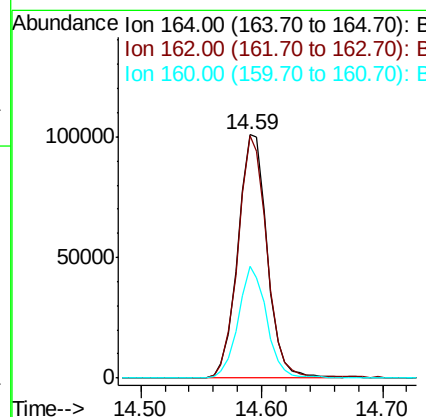
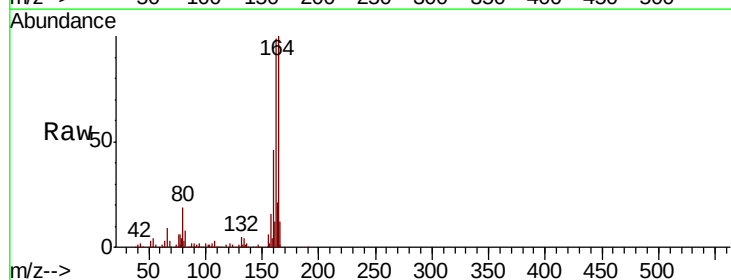
Instrument :
BNA_G
ClientSampleId :
PB129381BL

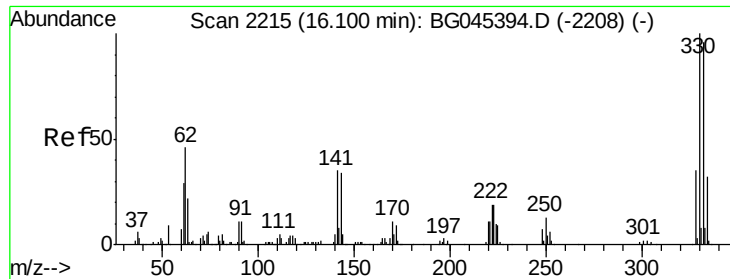
Tot Ion	82	Resp	372576
Ion Ratio	Lower	Upper	
82	100		
128	39.3	30.9	46.3
54	40.7	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG045657.D
Acq: 9 Jun 2020 10:22

Tgt Ion	164	Resp	170932
Ion Ratio	Lower	Upper	
164	100		
162	99.5	76.9	115.3
160	45.9	33.8	50.8

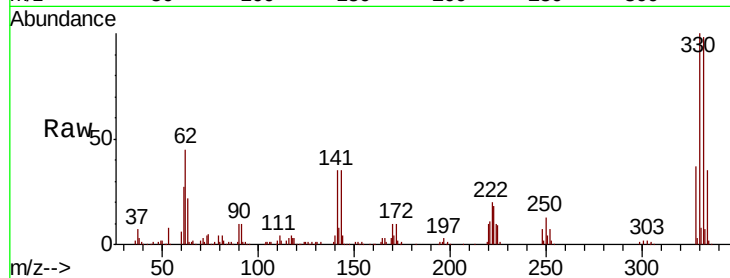




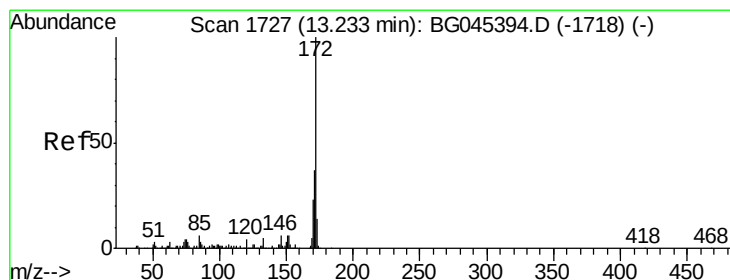
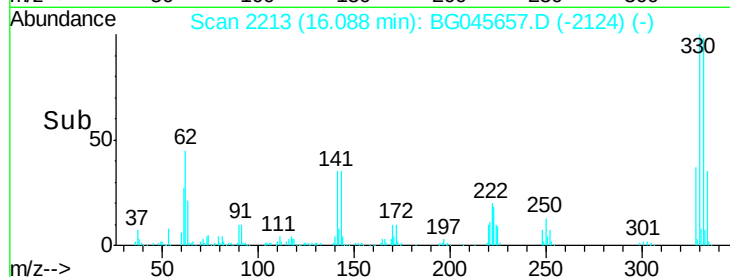
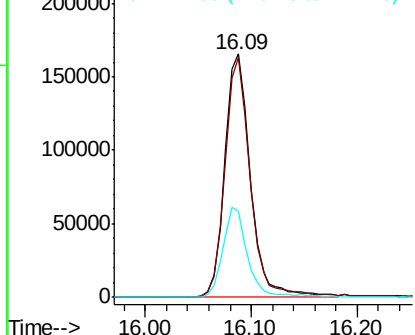
#42
 2,4,6-Tribromophenol
 Concen: 127.530 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG045657.D
 Acq: 9 Jun 2020 10:22

Instrument :
 BNA_G
 ClientSampleId :
 PB129381BL

Tot Ion:330 Resp: 278783
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.2 117.4
 141 36.2 28.2 42.4

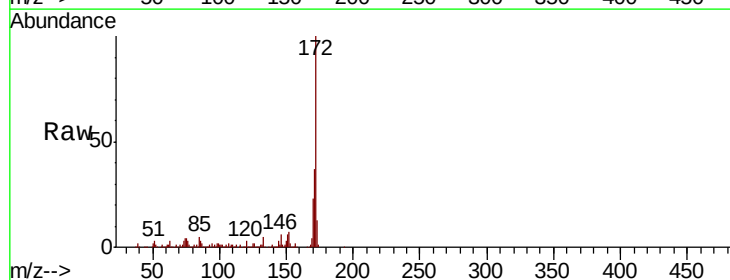


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

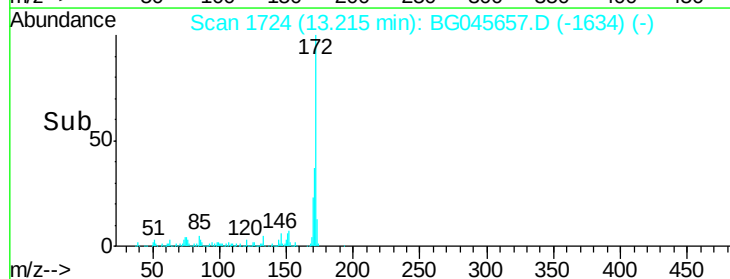
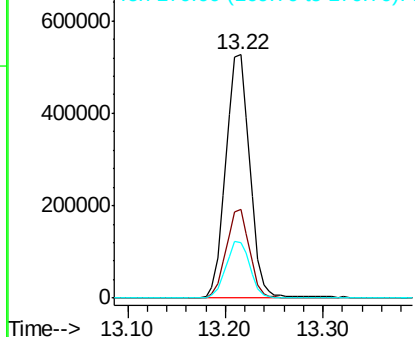


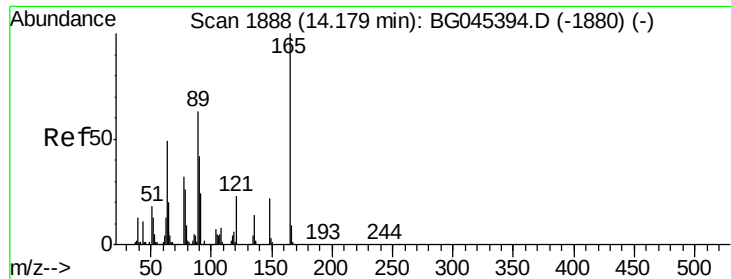
#45
 2-Fluorobiphenyl
 Concen: 89.857 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045657.D
 Acq: 9 Jun 2020 10:22

Tgt Ion:172 Resp: 905517
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.5 44.3
 170 22.9 18.5 27.7



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: 8.580 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.43 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

Instrument :

BNA_G

ClientSampleId :

PB129381BL

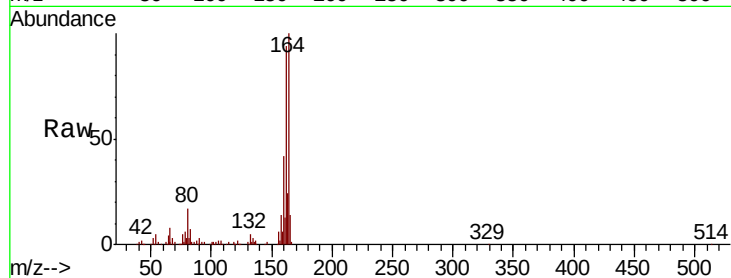
Tot Ion:165 Resp: 22702

Ion Ratio Lower Upper

165 100

63 1.2 45.0 67.4#

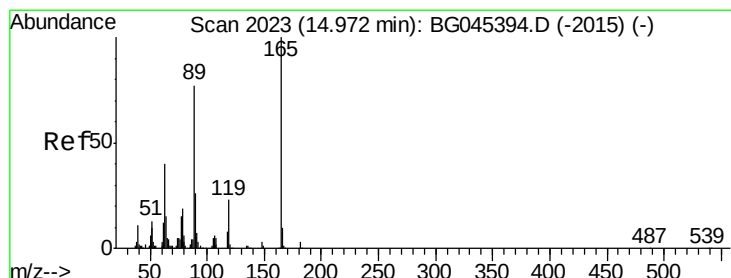
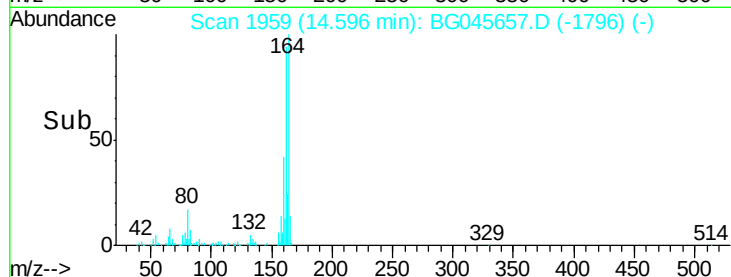
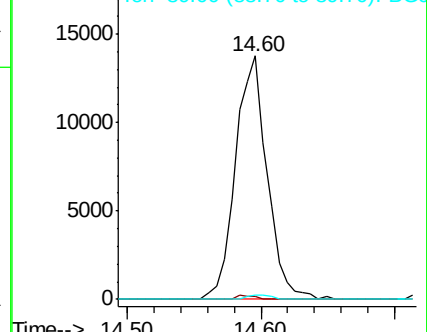
89 2.0 50.2 75.4#



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: 5.924 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.36 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

Tgt Ion:165 Resp: 22702

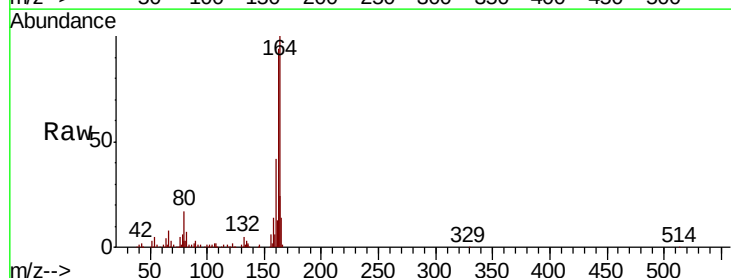
Ion Ratio Lower Upper

165 100

63 1.2 32.5 48.7#

89 2.0 61.8 92.6#

182 0.0 2.3 3.5#

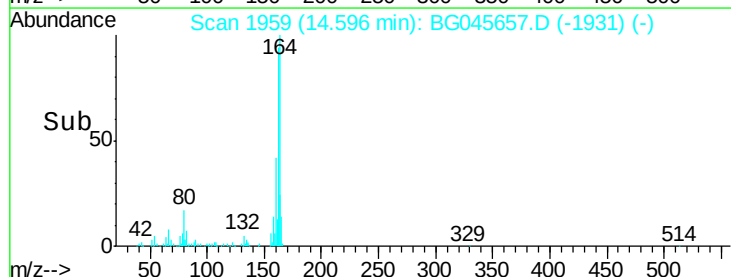
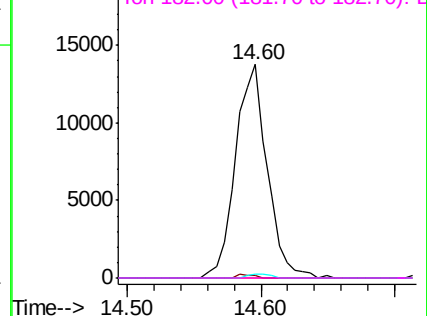


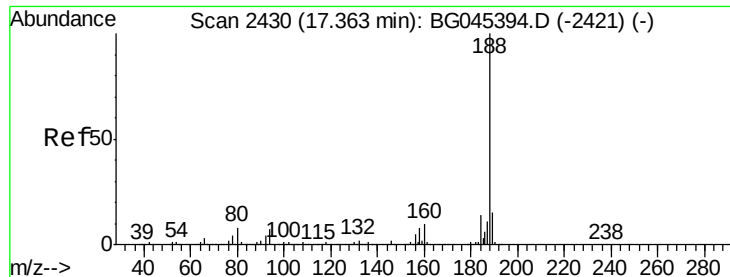
Abundance Ion 165.00 (164.70 to 165.70): E

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

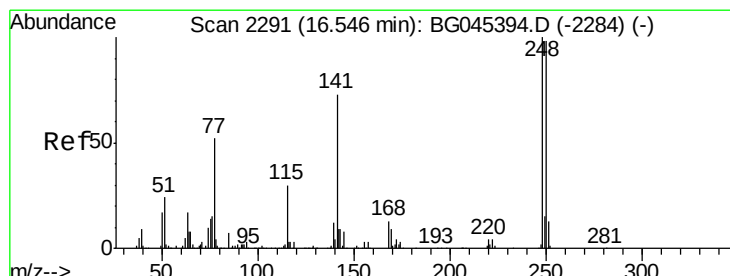
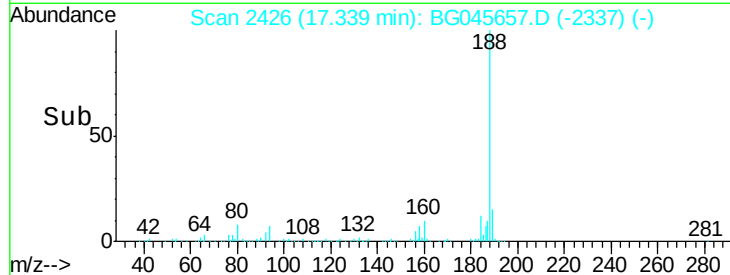
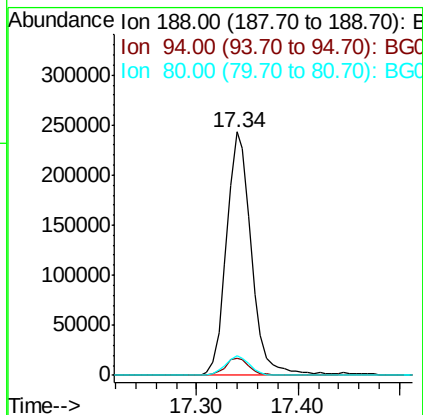
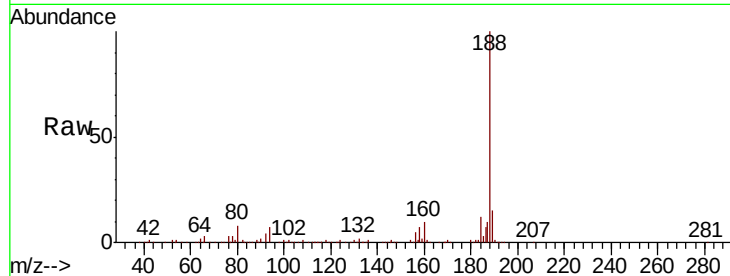




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG045657.D
 Acq: 9 Jun 2020 10:22

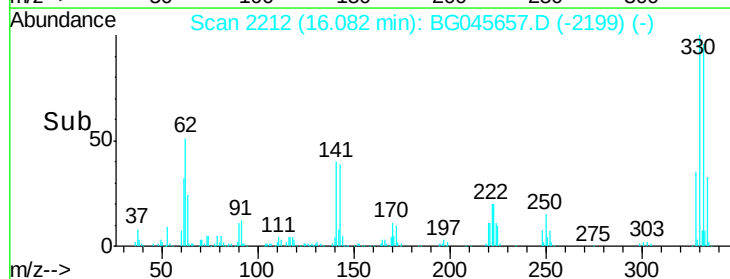
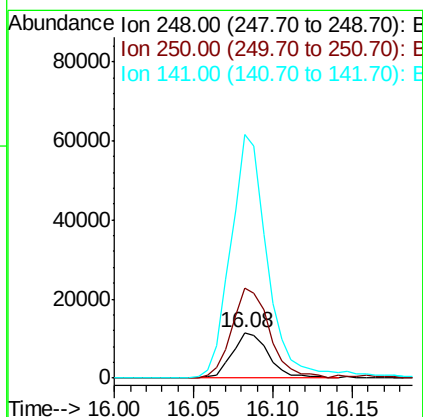
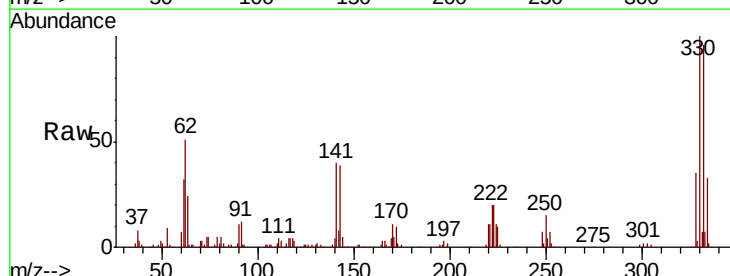
Instrument :
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 PB129381BL

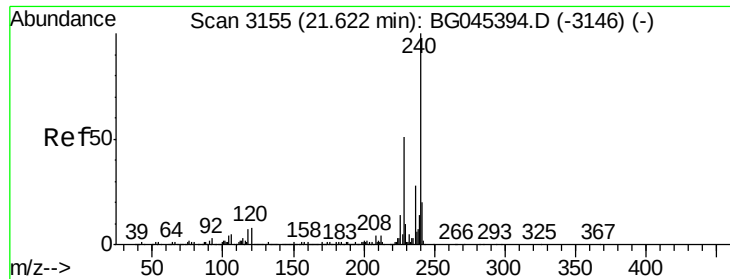
Tot Ion:188 Resp: 414450
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.5 8.3
 80 8.1 6.6 10.0



#67
 4-Bromophenyl-phenylether
 Concen: 4.100 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.45 min
 Lab File: BG045657.D
 Acq: 9 Jun 2020 10:22

Tgt Ion:248 Resp: 18401
 Ion Ratio Lower Upper
 248 100
 250 199.4 78.6 117.8#
 141 536.7 58.2 87.2#

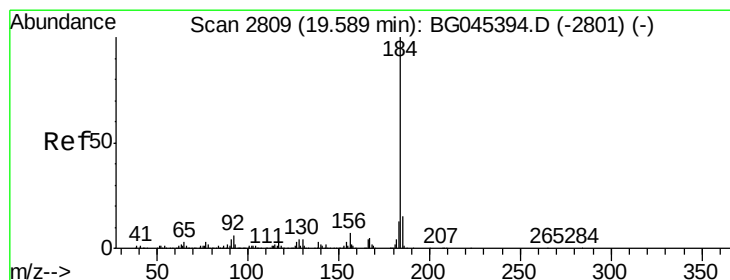
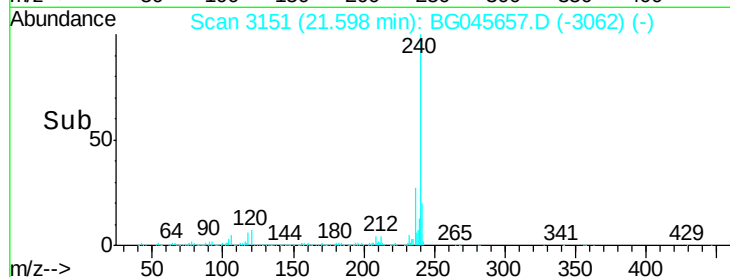
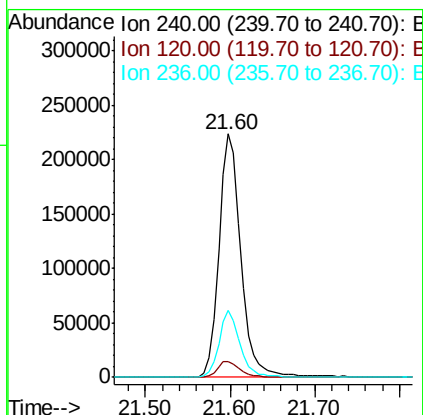
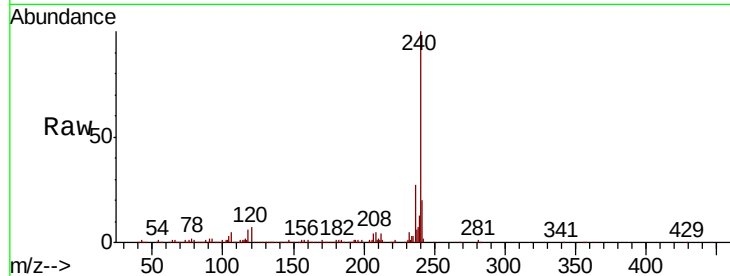




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.01 min
 Lab File: BG045657.D
 Acq: 9 Jun 2020 10:22

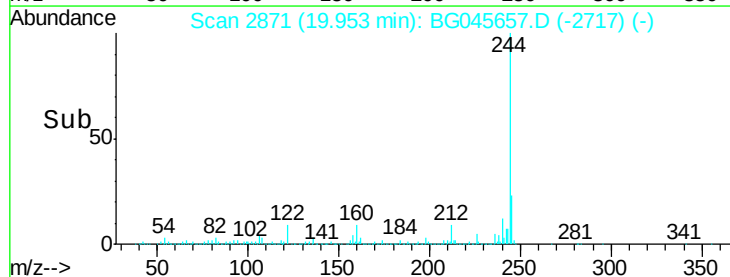
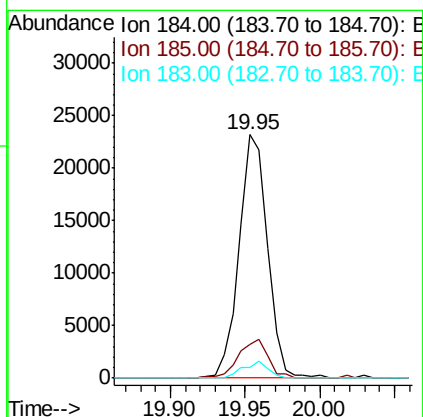
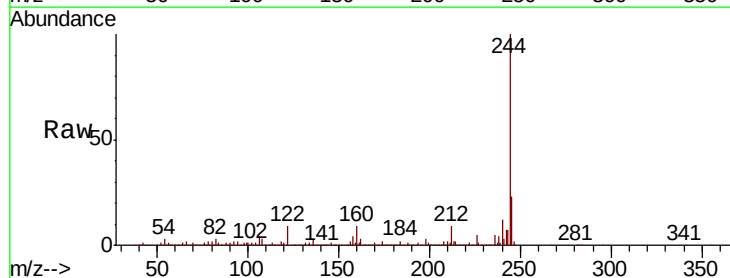
Instrument :
 BNA_G
 ClientSampleId :
 PB129381BL

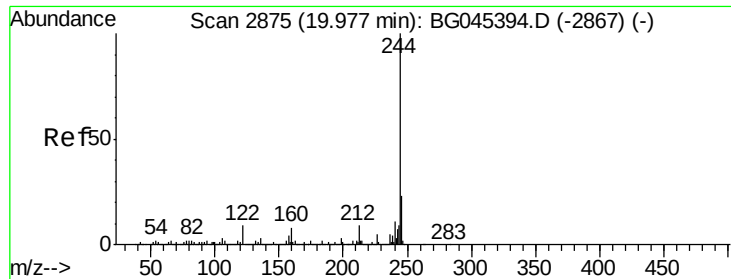
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.1	9.1
236	27.4	22.3	33.5



#77
 Benzidine
 Concen: 2.696 ng
 RT: 19.95 min Scan# 2871
 Delta R.T. 0.38 min
 Lab File: BG045657.D
 Acq: 9 Jun 2020 10:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.7	17.5
183	4.6	10.2	15.4





#79

Terphenyl-d14

Concen: 94.798 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

Instrument :

BNA_G

ClientSampled :

PB129381BL

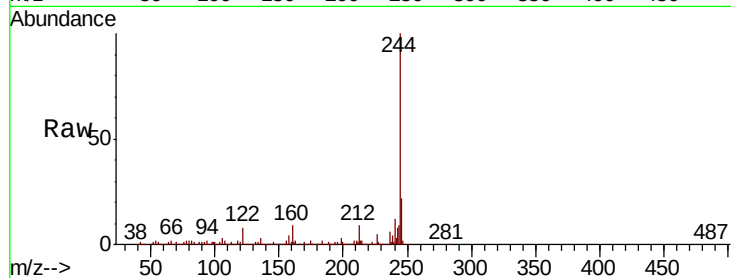
Tot Ion:244 Resp: 1645153

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

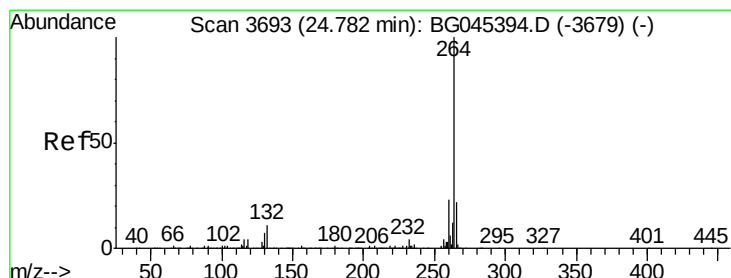
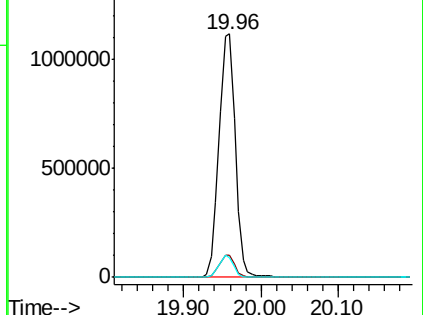
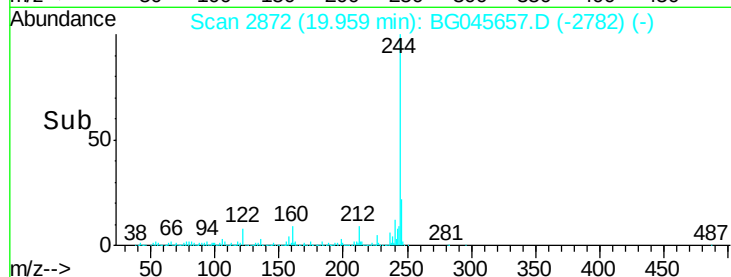
122 8.1 6.8 10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045657.D

Acq: 9 Jun 2020 10:22

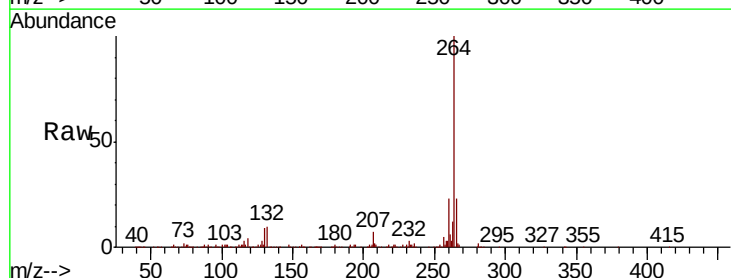
Tgt Ion:264 Resp: 421648

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 23.1 17.6 26.4



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

