

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045707.D
 Acq On : 11 Jun 2020 4:03
 Operator : CG/JU
 Sample : PB129468BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BL

Quant Time: Jun 11 06:00:22 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

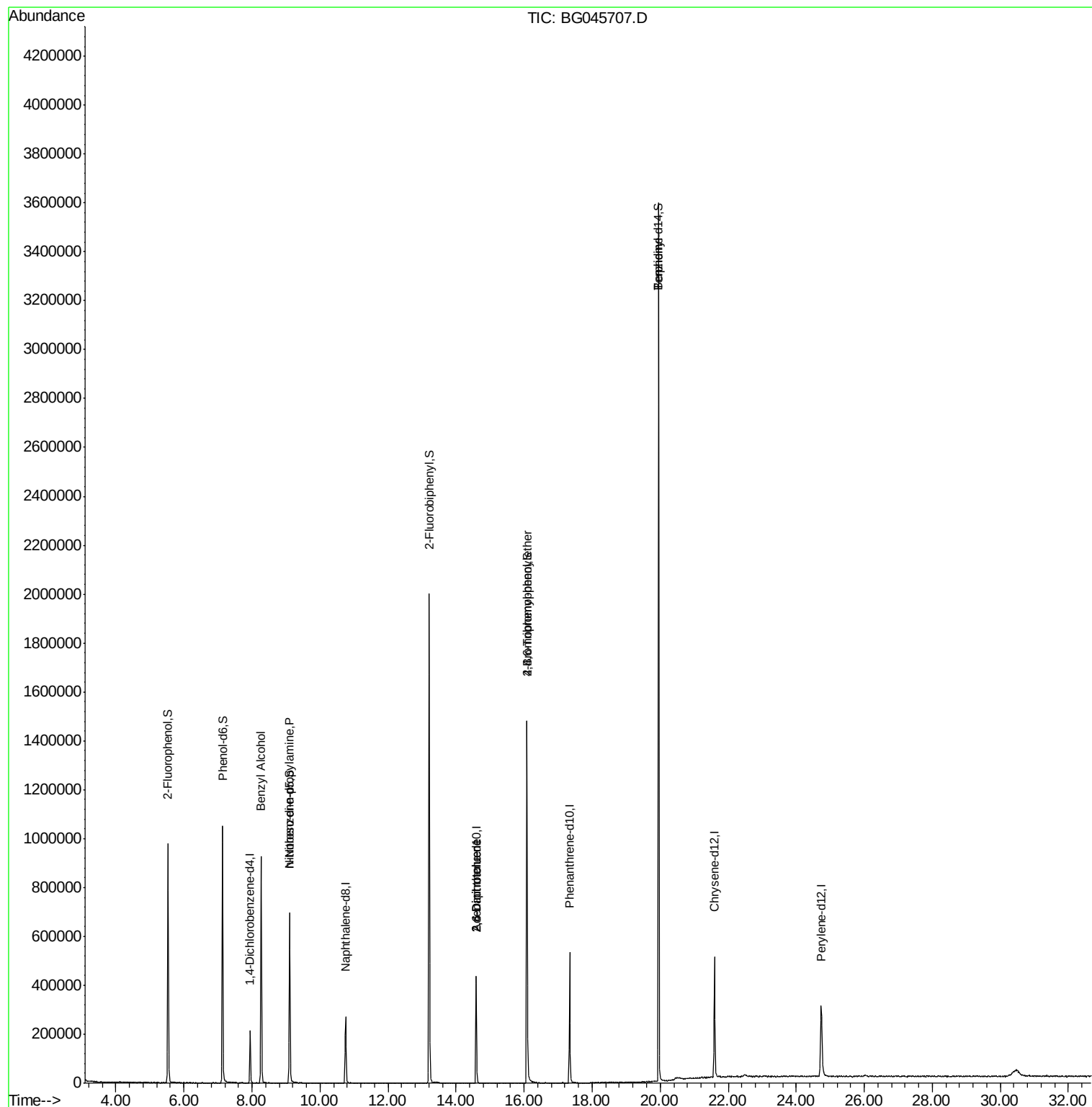
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61507	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	251565	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	170628	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	367642	20.00	ng	0.00
76) Chrysene-d12	21.60	240	356899	20.00	ng	0.00
87) Perylene-d12	24.73	264	365590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	469943	149.32	ng	0.00
7) Phenol-d6	7.14	99	687283	153.43	ng	-0.01
23) Nitrobenzene-d5	9.11	82	487984	105.78	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	316551	145.06	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1088482	108.21	ng	0.00
79) Terphenyl-d14	19.95	244	1693141	110.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	8664	2.341	ng	# 56
19) n-Nitroso-di-n-propylamine	9.11	70	66398	21.435	ng	# 80
51) 2,6-Dinitrotoluene	14.58	165	22222	8.414	ng	# 22
57) 2,4-Dinitrotoluene	14.58	165	22222	5.809	ng	# 22
67) 4-Bromophenyl-phenylether	16.08	248	21525	5.407	ng	# 1
77) Benzidine	19.95	184	31848	3.177	ng	# 92

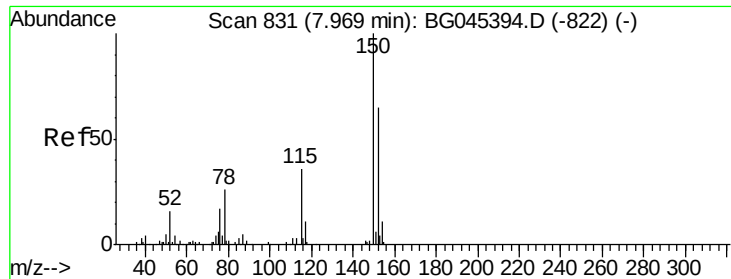
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



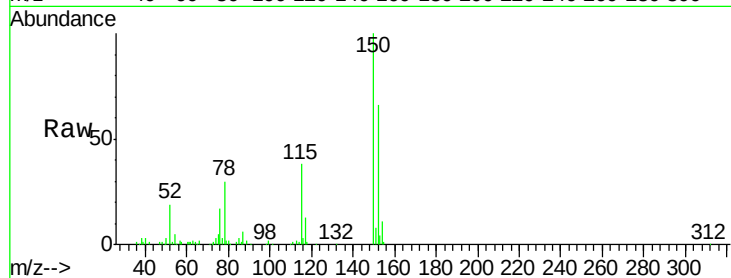


#1

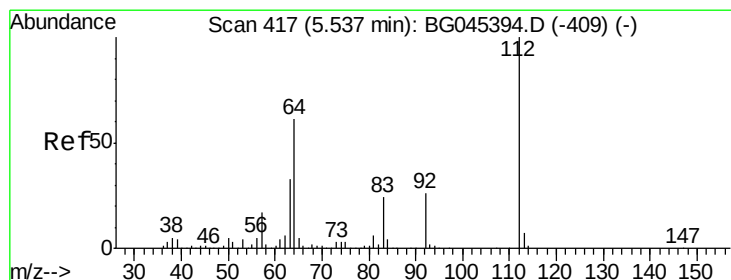
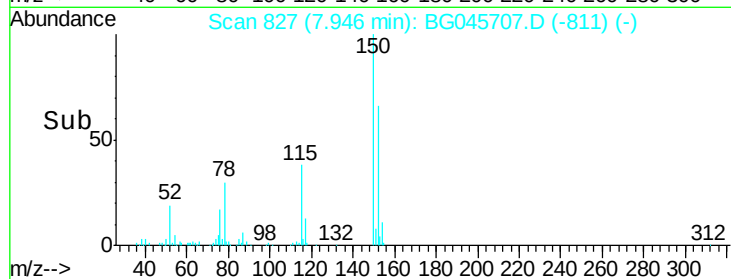
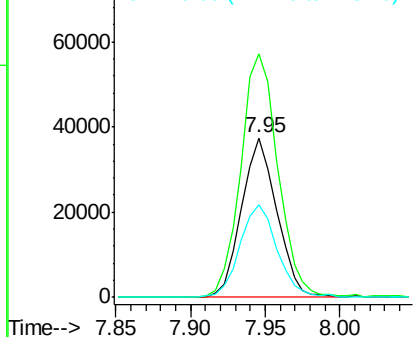
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045707.D
Acq: 11 Jun 2020 4:03

Instrument :
BNA_G
ClientSampleId :
PB129468BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.4	183.6
115	57.7	44.2	66.4



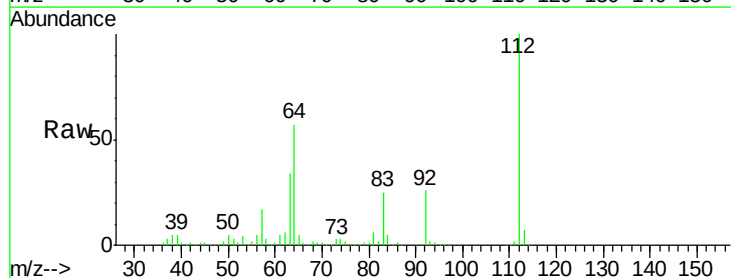
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



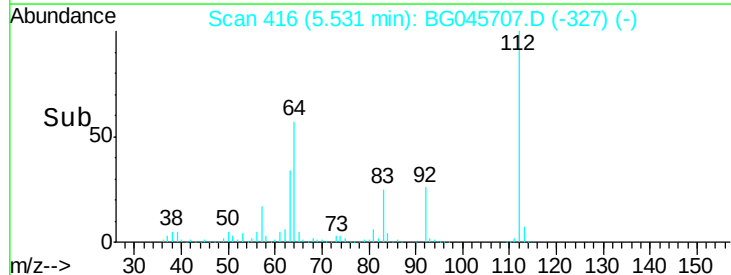
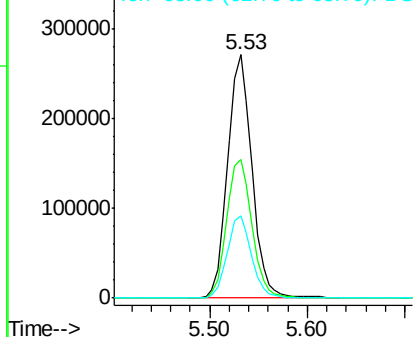
#5

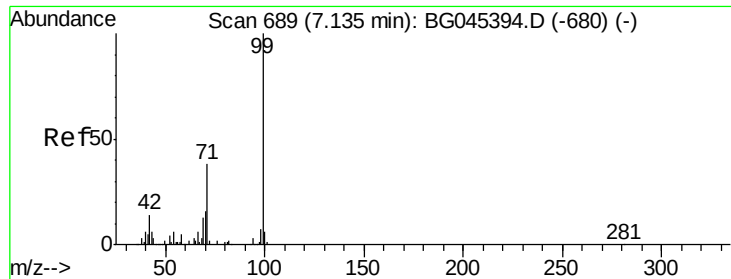
2-Fluorophenol
Concen: 149.318 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045707.D
Acq: 11 Jun 2020 4:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.6	72.8
63	33.6	26.5	39.7



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: 153.428 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045707.D

Acq: 11 Jun 2020 4:03

Instrument :

BNA_G

ClientSampleId :

PB129468BL

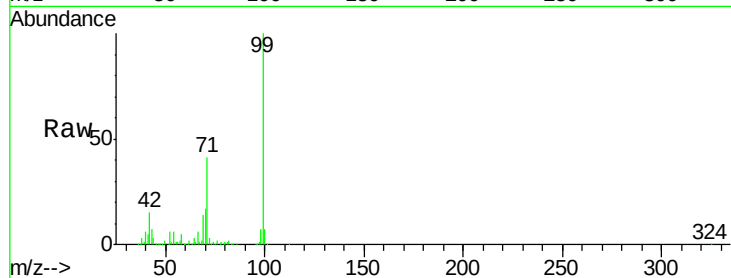
Tot Ion: 99 Resp: 687283

Ion Ratio Lower Upper

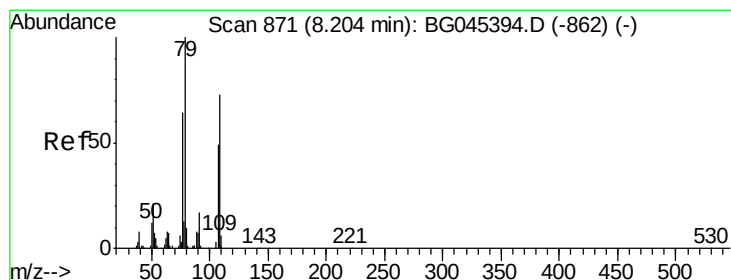
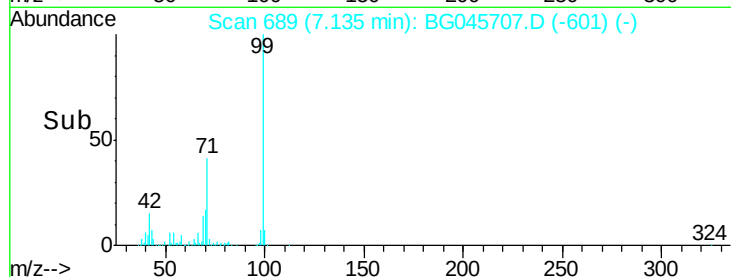
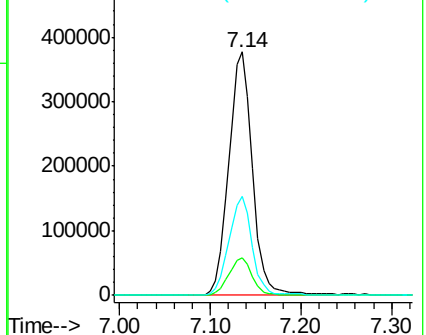
99 100

42 15.2 11.3 16.9

71 40.8 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: 2.341 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045707.D

Acq: 11 Jun 2020 4:03

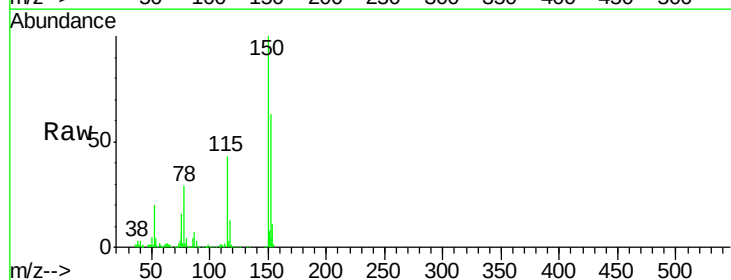
Tgt Ion: 79 Resp: 8664

Ion Ratio Lower Upper

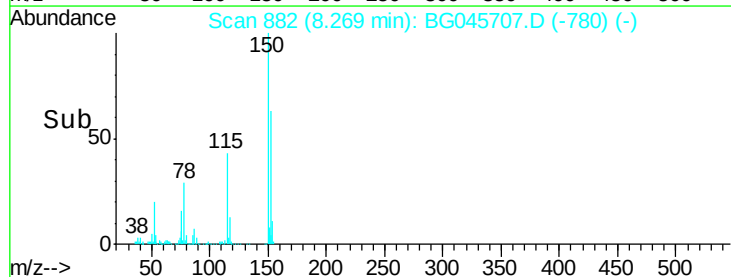
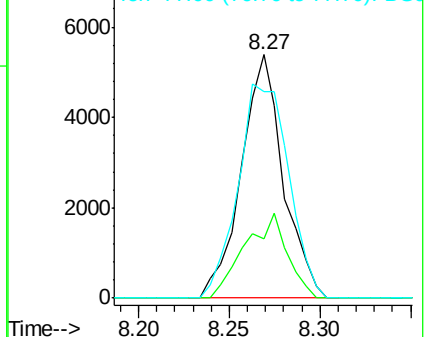
79 100

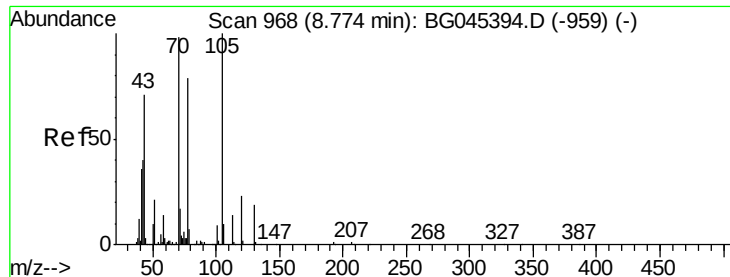
108 24.3 58.2 87.4#

77 85.0 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

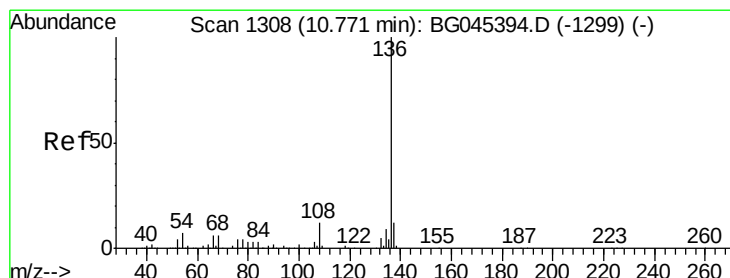
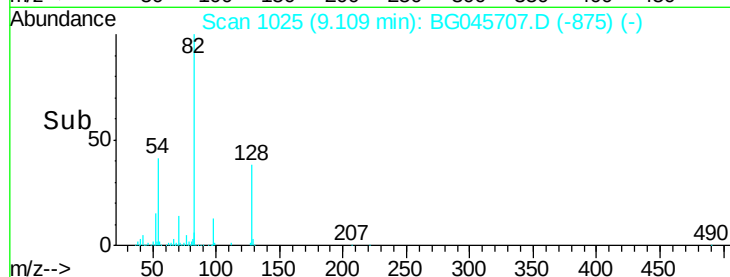
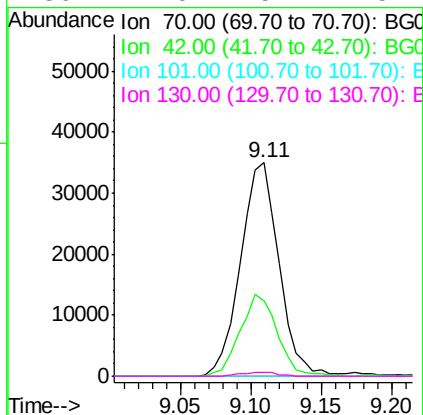
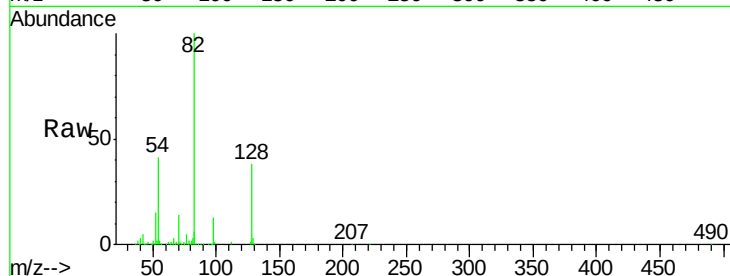




#19
n-Nitroso-di-n-propylamine
Concen: 21.435 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045707.D
Acq: 11 Jun 2020 4:03

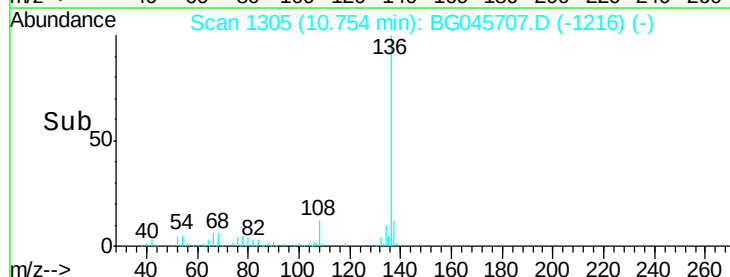
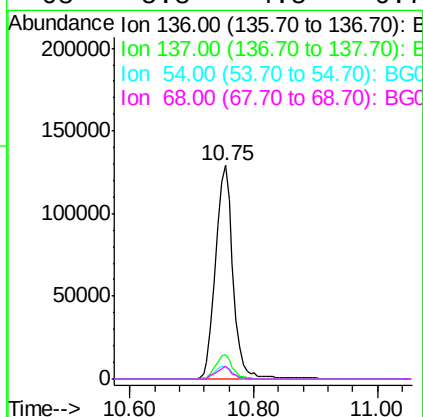
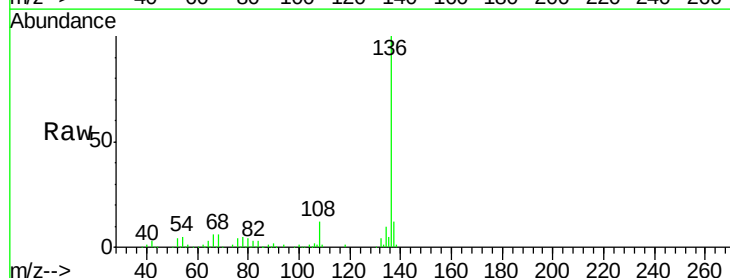
Instrument :
BNA_G
ClientSampleId :
PB129468BL

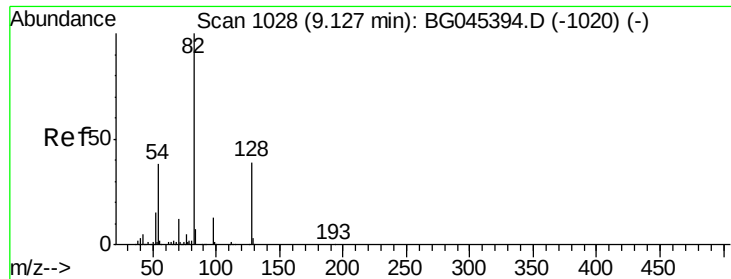
Tot Ion: 70 Resp: 66398
Ion Ratio Lower Upper
70 100
42 35.5 33.2 49.8
101 0.0 7.8 11.6#
130 2.0 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045707.D
Acq: 11 Jun 2020 4:03

Tgt Ion: 136 Resp: 251565
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 5.3 5.8 8.6#
68 5.8 4.5 6.7

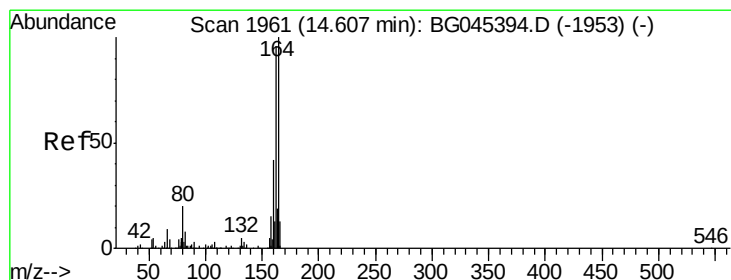
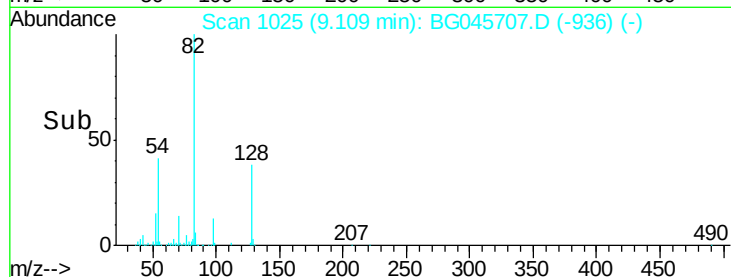
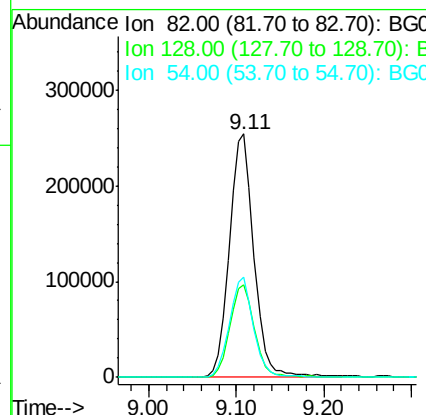
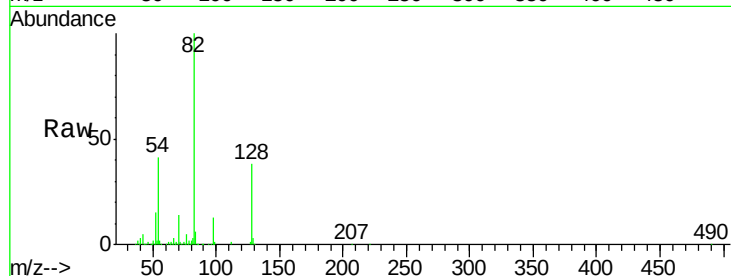




#23
 Nitrobenzene-d5
 Concen: 105.780 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045707.D
 Acq: 11 Jun 2020 4:03

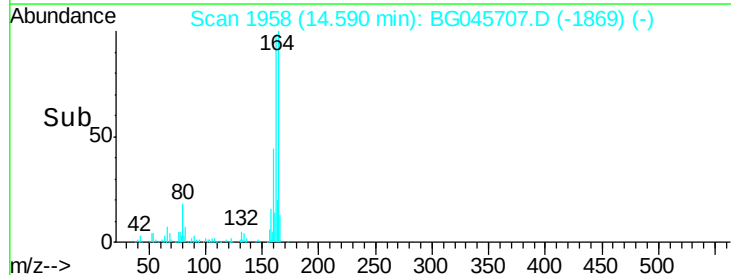
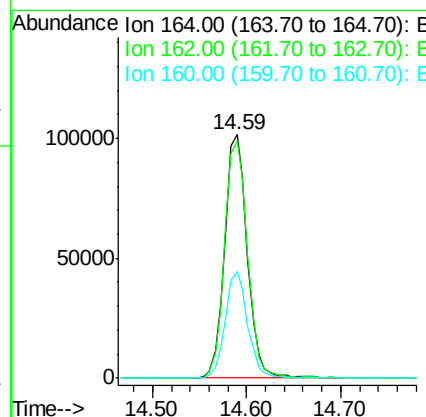
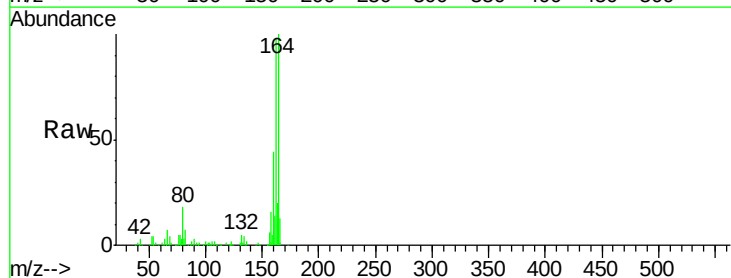
Instrument :
 BNA_G
 ClientSampleId :
 PB129468BL

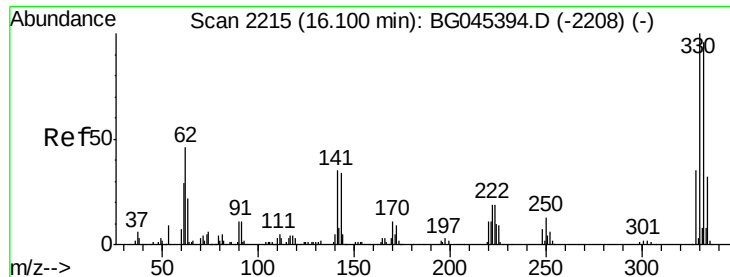
Tot Ion	82	Resp	487984
Ion Ratio	Lower	Upper	
82	100		
128	38.1	30.9	46.3
54	41.4	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG045707.D
 Acq: 11 Jun 2020 4:03

Tgt Ion	164	Resp	170628
Ion Ratio	Lower	Upper	
164	100		
162	97.5	76.9	115.3
160	44.0	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 145.065 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045707.D

Acq: 11 Jun 2020 4:03

Instrument :

BNA_G

ClientSampleId :

PB129468BL

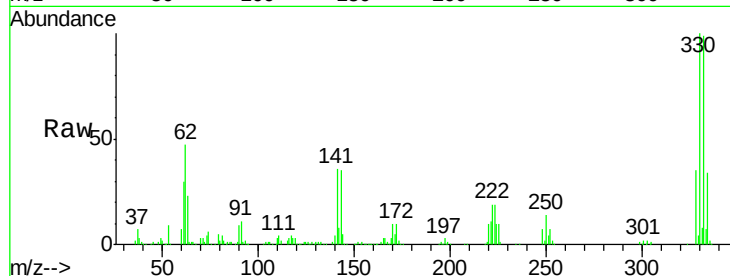
Tot Ion:330 Resp: 316551

Ion Ratio Lower Upper

330 100

332 98.0 78.2 117.4

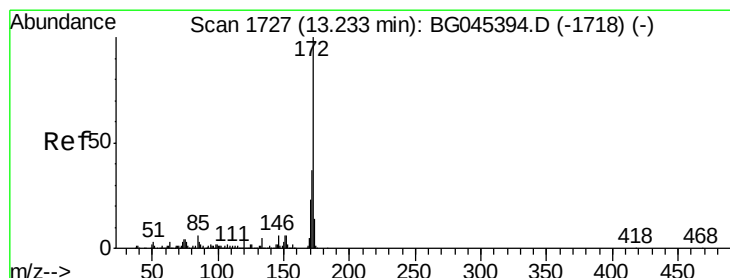
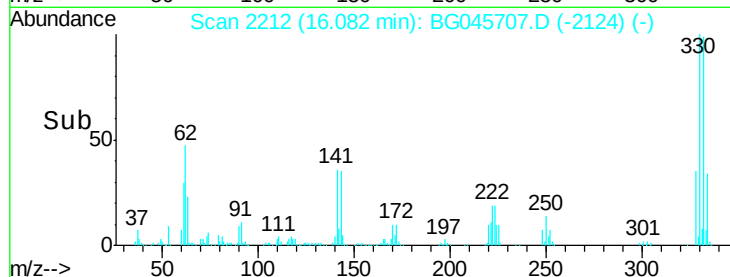
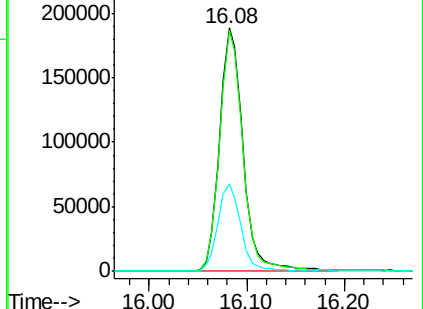
141 35.2 28.2 42.4



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: 108.206 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG045707.D

Acq: 11 Jun 2020 4:03

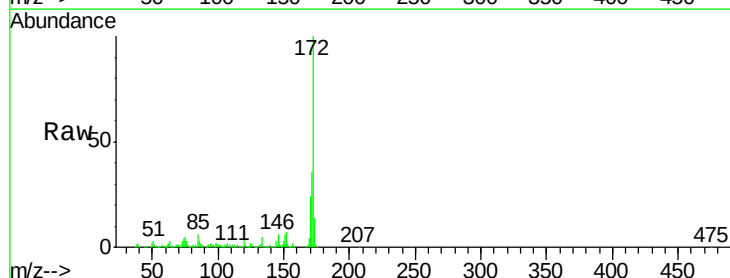
Tgt Ion:172 Resp: 1088482

Ion Ratio Lower Upper

172 100

171 35.9 29.5 44.3

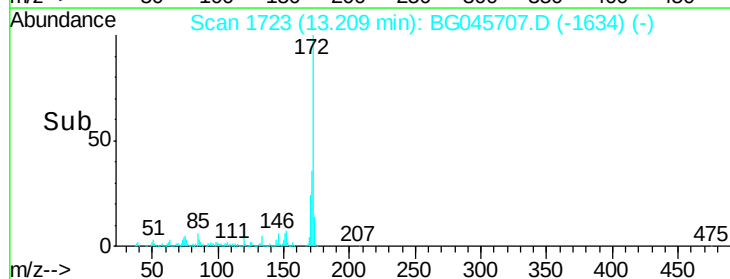
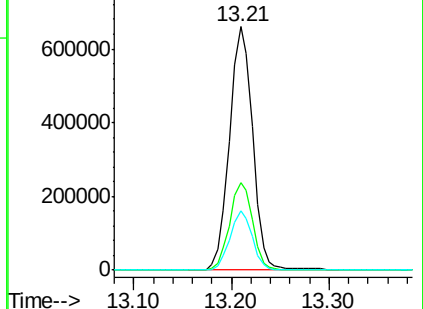
170 24.2 18.5 27.7

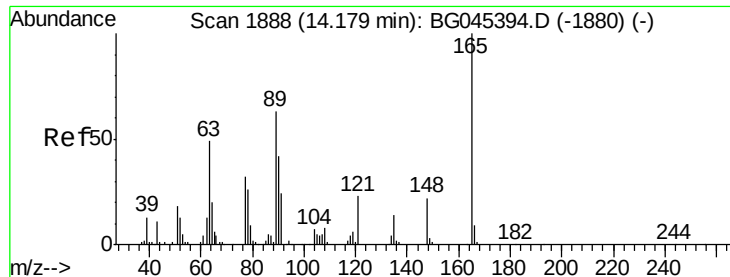


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.414 ng

RT: 14.58 min Scan# 1957

Delta R.T. 0.42 min

Lab File: BG045707.D

Acq: 11 Jun 2020 4:03

Instrument :

BNA_G

ClientSampleId :

PB129468BL

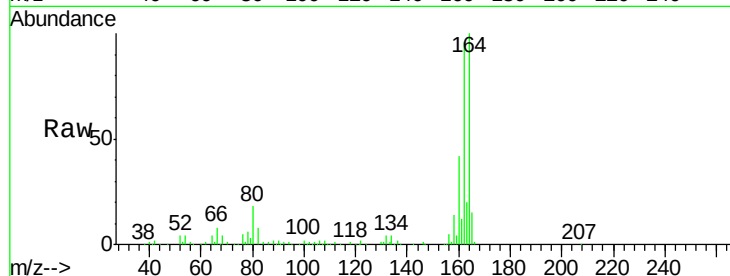
Tot Ion:165 Resp: 22222

Ion Ratio Lower Upper

165 100

63 0.0 45.0 67.4#

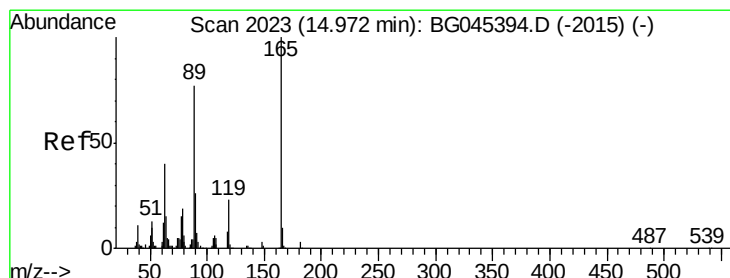
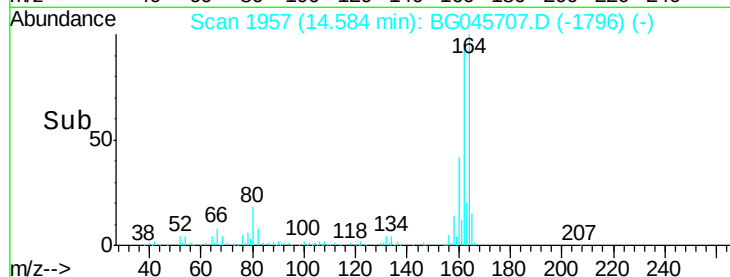
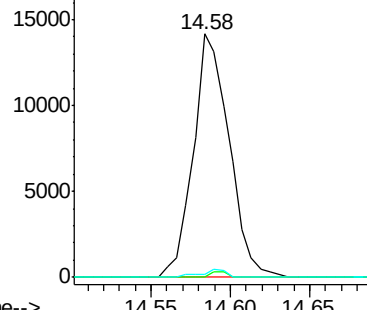
89 1.3 50.2 75.4#



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: 5.809 ng

RT: 14.58 min Scan# 1957

Delta R.T. -0.38 min

Lab File: BG045707.D

Acq: 11 Jun 2020 4:03

Tgt Ion:165 Resp: 22222

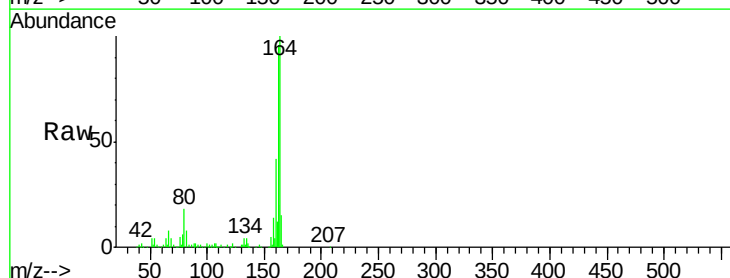
Ion Ratio Lower Upper

165 100

63 0.0 32.5 48.7#

89 1.3 61.8 92.6#

182 0.0 2.3 3.5#

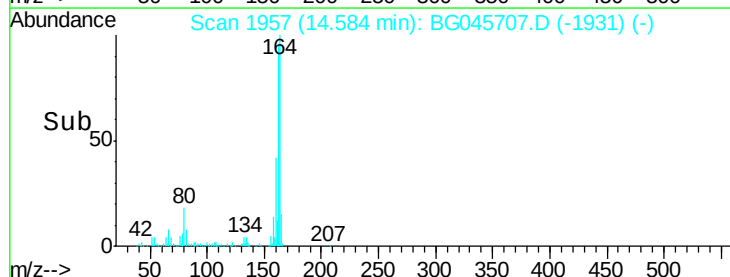
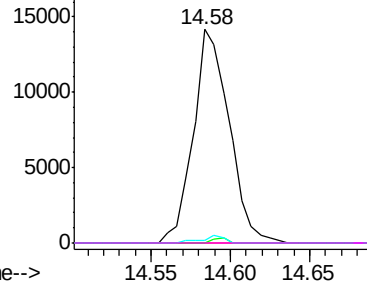


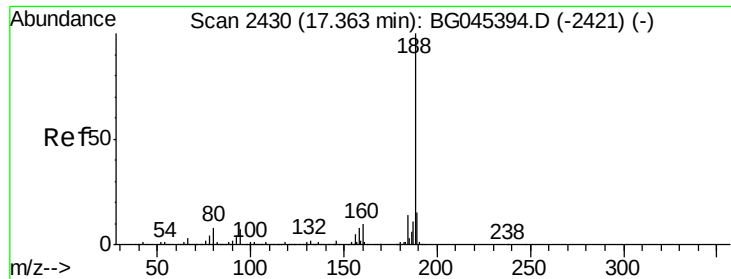
Abundance Ion 165.00 (164.70 to 165.70): E

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

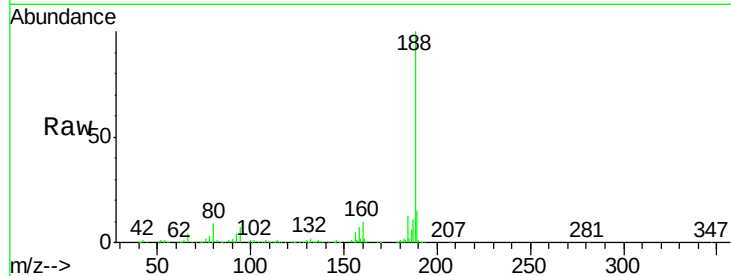




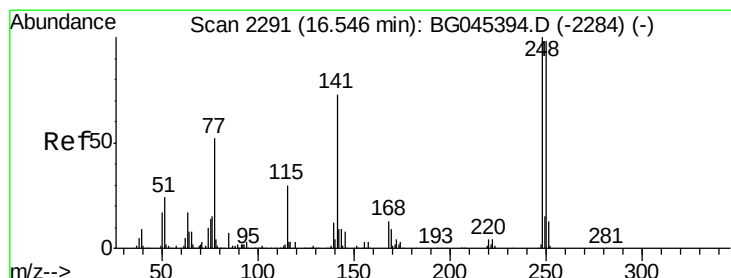
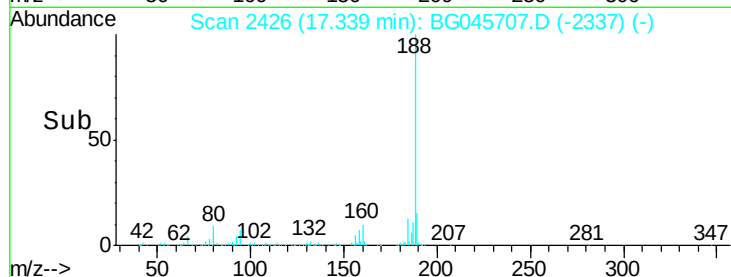
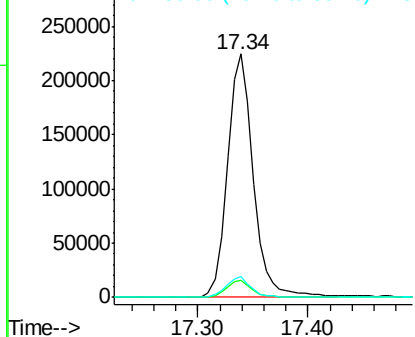
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG045707.D
Acq: 11 Jun 2020 4:03

Instrument :
BNA_G
ClientSampleId :
PB129468BL

Tot Ion:188 Resp: 367642
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 8.5 6.6 10.0

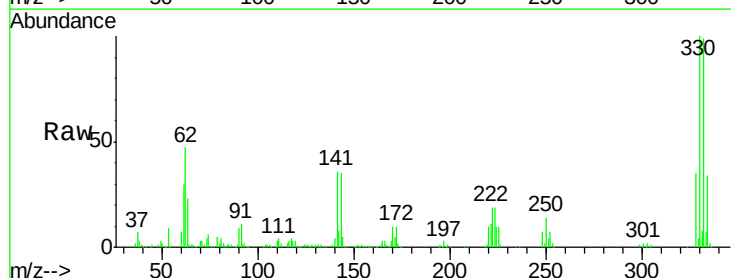


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

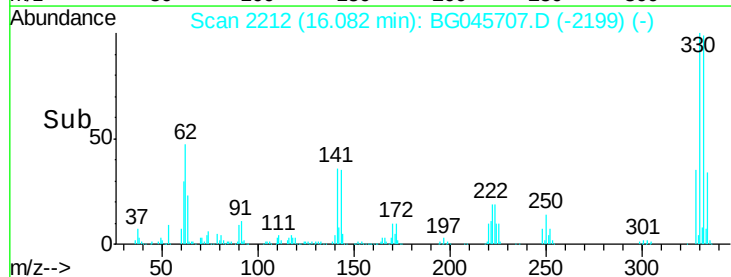
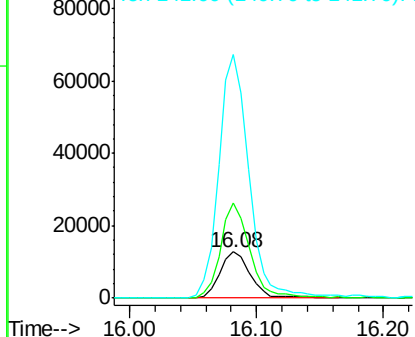


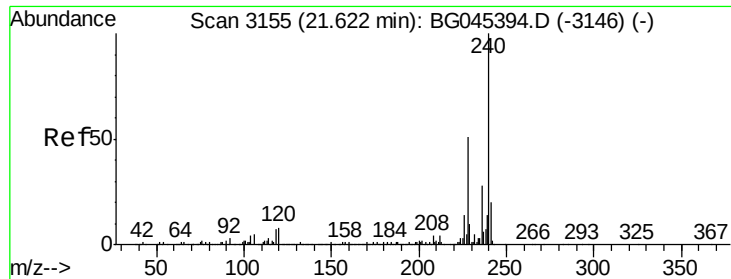
#67
4-Bromophenyl-phenylether
Concen: 5.407 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045707.D
Acq: 11 Jun 2020 4:03

Tgt Ion:248 Resp: 21525
Ion Ratio Lower Upper
248 100
250 206.3 78.6 117.8#
141 528.2 58.2 87.2#



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

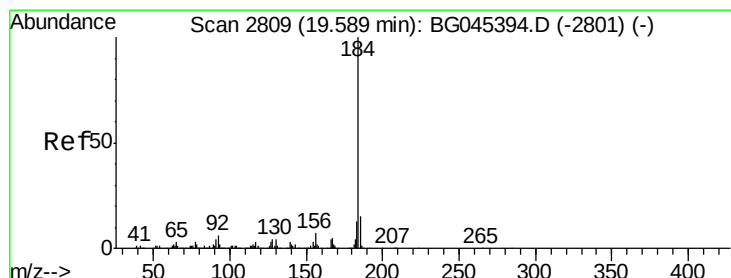
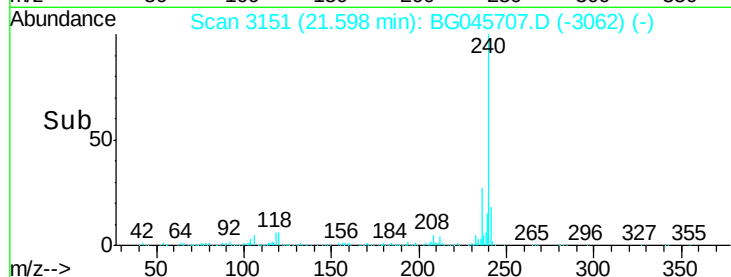
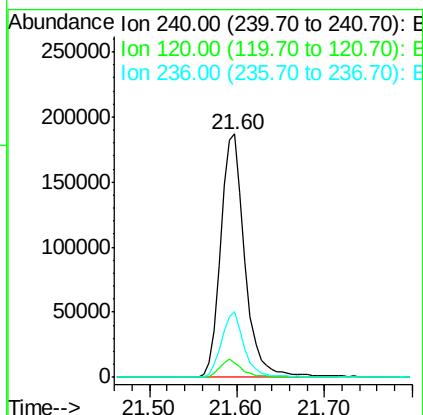
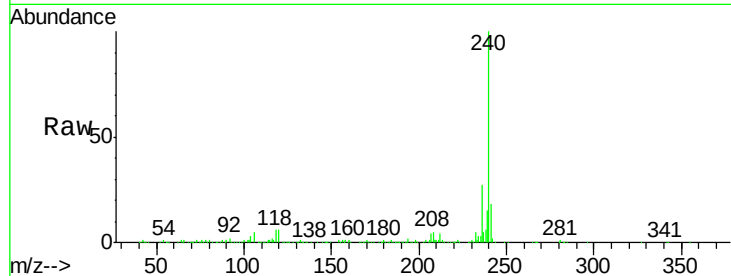




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG045707.D
Acq: 11 Jun 2020 4:03

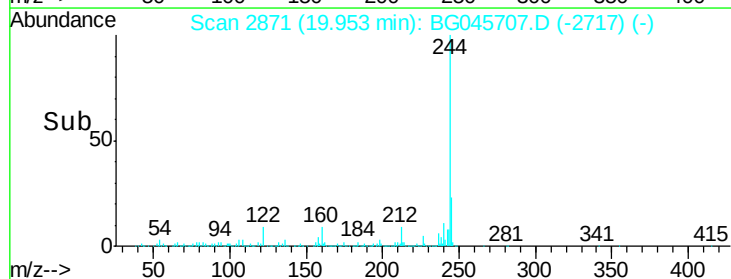
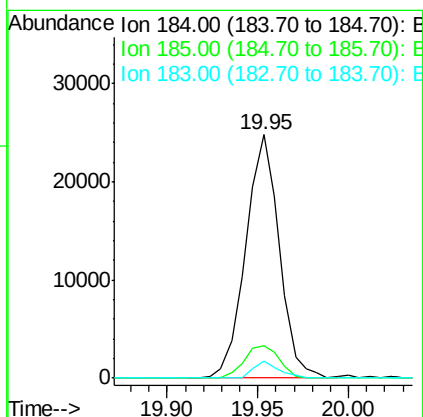
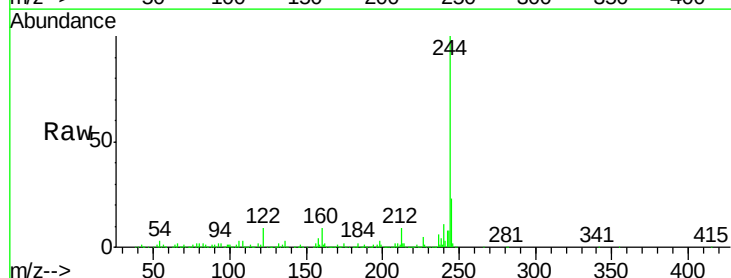
Instrument :
BNA_G
ClientSampleId :
PB129468BL

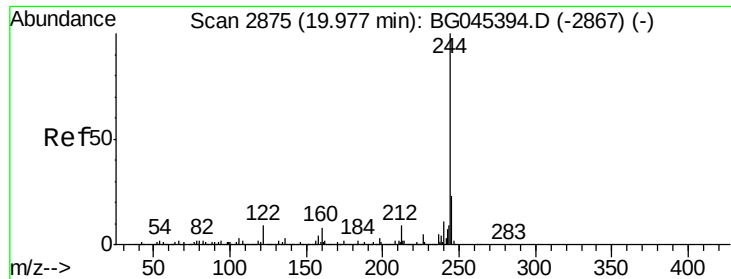
Tot Ion:240 Resp: 356899
Ion Ratio Lower Upper
240 100
120 6.1 6.1 9.1
236 26.7 22.3 33.5



#77
Benzidine
Concen: 3.177 ng
RT: 19.95 min Scan# 2871
Delta R.T. 0.38 min
Lab File: BG045707.D
Acq: 11 Jun 2020 4:03

Tgt Ion:184 Resp: 31848
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 6.9 10.2 15.4#



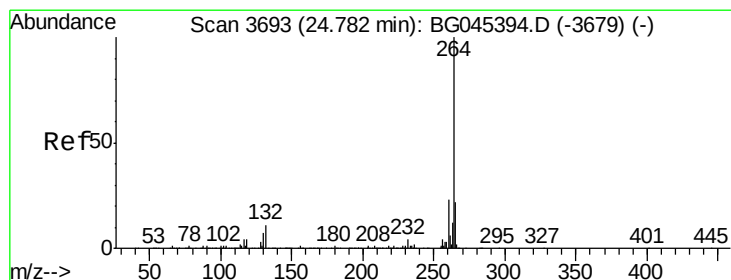
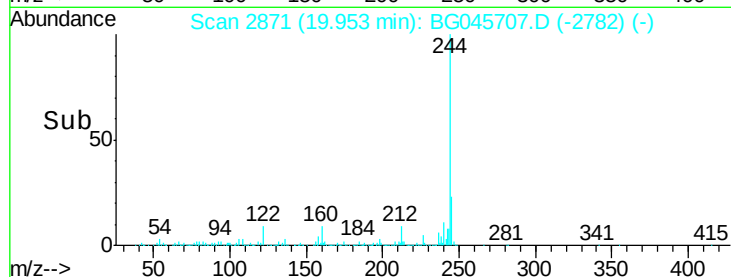
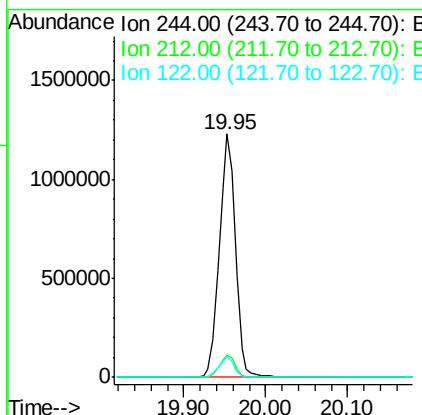
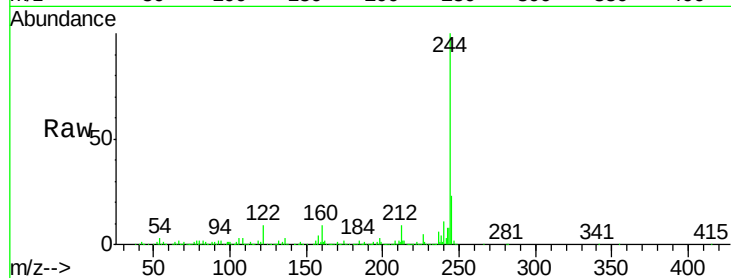


#79
 Terphenyl-d14
 Concen: 110.645 ng
 RT: 19.95 min Scan# 2871
 Delta R.T. -0.01 min
 Lab File: BG045707.D
 Acq: 11 Jun 2020 4:03

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BL

Tot Ion:244 Resp: 1693141

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.0
122	8.6	6.8	10.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.73 min Scan# 3685
 Delta R.T. -0.02 min
 Lab File: BG045707.D
 Acq: 11 Jun 2020 4:03

Tgt Ion:264 Resp: 365590

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	22.6	17.6	26.4

