

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045703.D
 Acq On : 10 Jun 2020 22:39
 Operator : CG/JU
 Sample : L2965-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 11 00:47:34 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

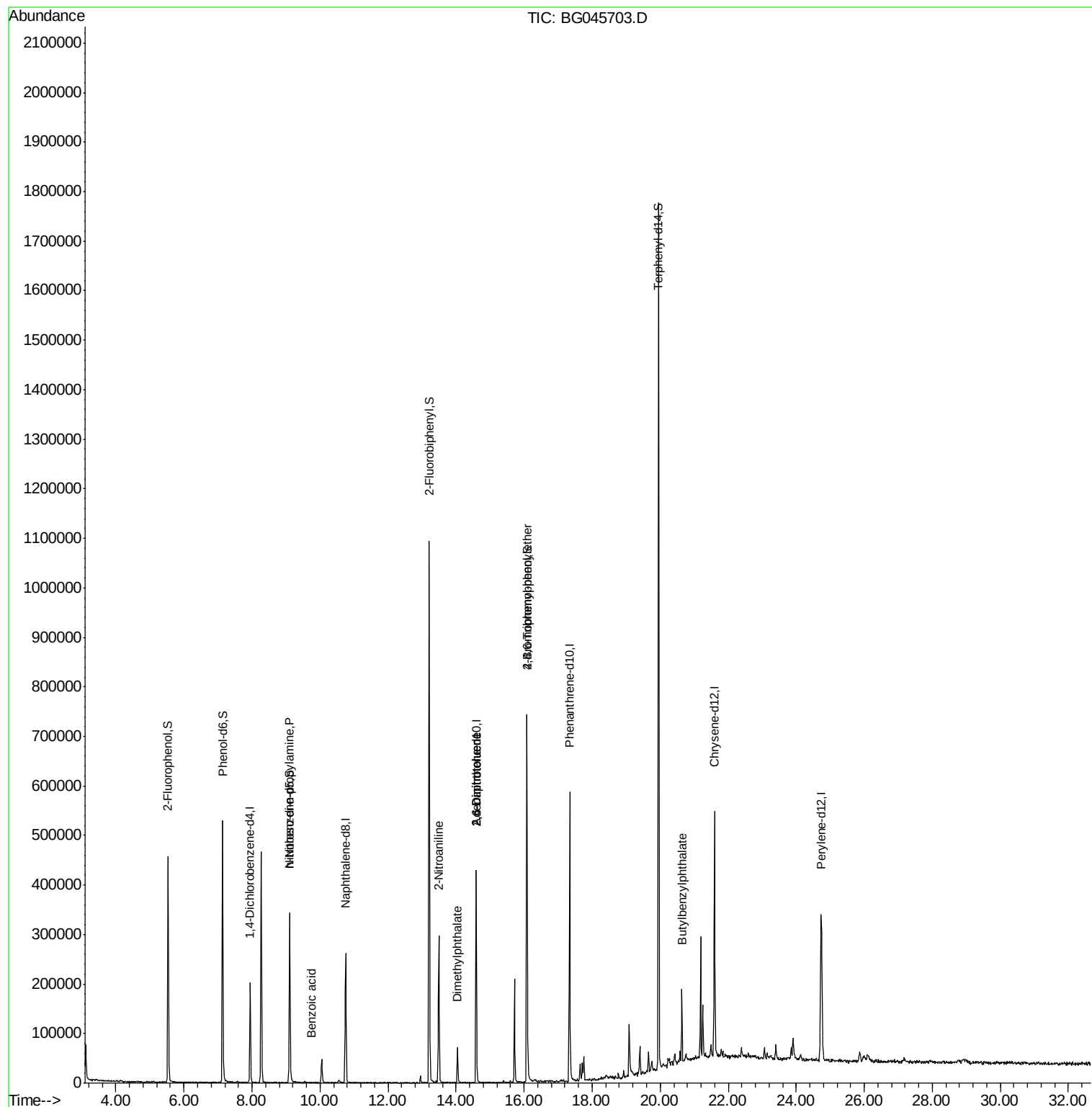
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59275	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	233168	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	160338	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	341739	20.00	ng	0.00
76) Chrysene-d12	21.59	240	321061	20.00	ng	-0.01
87) Perylene-d12	24.73	264	346442	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	223926	73.83	ng	0.00
7) Phenol-d6	7.14	99	354210	82.05	ng	-0.01
23) Nitrobenzene-d5	9.11	82	247515	57.89	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	162135	79.07	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	581174	61.48	ng	0.00
79) Terphenyl-d14	19.95	244	869896	63.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	33758	11.308	ng	# 80
32) Benzoic acid	9.75	122	64	10.048	ng	# 1
48) 2-Nitroaniline	13.49	65	5436	2.066	ng	# 15
50) Dimethylphthalate	14.04	163	53071	4.825	ng	# 98
51) 2,6-Dinitrotoluene	14.59	165	20796	8.379	ng	# 25
57) 2,4-Dinitrotoluene	14.59	165	20796	5.785	ng	# 24
67) 4-Bromophenyl-phenylether	16.08	248	11358	3.069	ng	# 1
80) Butylbenzylphthalate	20.64	149	42972	5.440	ng	# 97

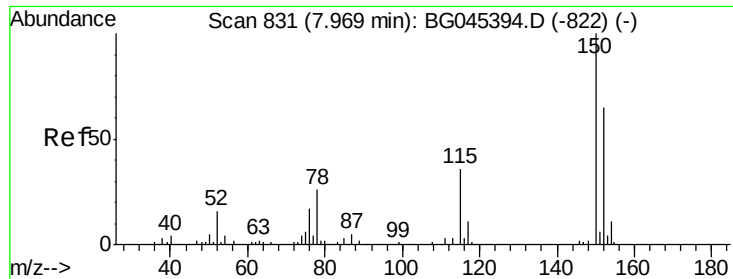
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



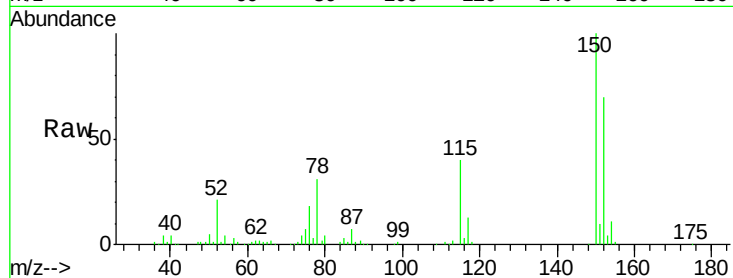


#1

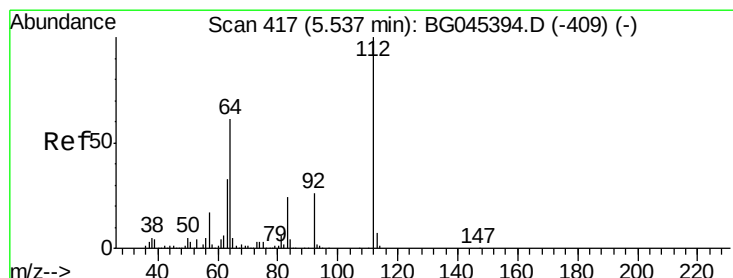
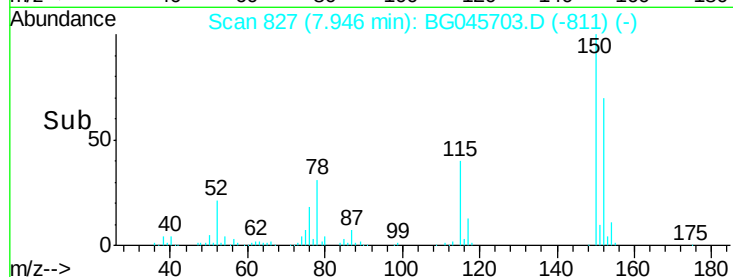
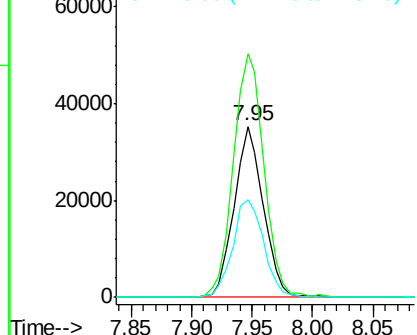
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045703.D
Acq: 10 Jun 2020 22:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59275
Ion Ratio Lower Upper
152 100
150 142.4 122.4 183.6
115 57.2 44.2 66.4



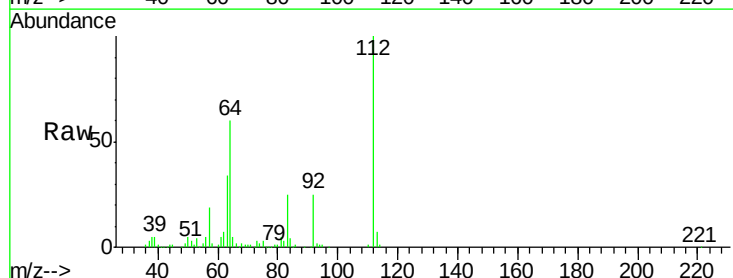
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



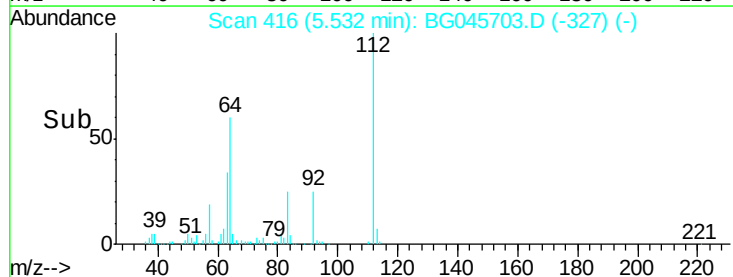
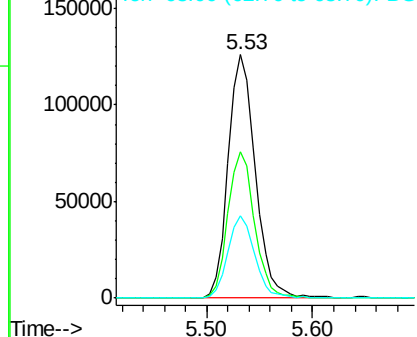
#5

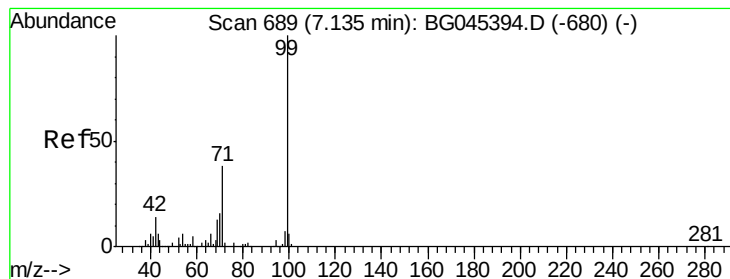
2-Fluorophenol
Concen: 73.828 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045703.D
Acq: 10 Jun 2020 22:39

Tgt Ion:112 Resp: 223926
Ion Ratio Lower Upper
112 100
64 59.9 48.6 72.8
63 34.1 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: 82.051 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045703.D

Acq: 10 Jun 2020 22:39

Instrument :

BNA_G

ClientSampled :

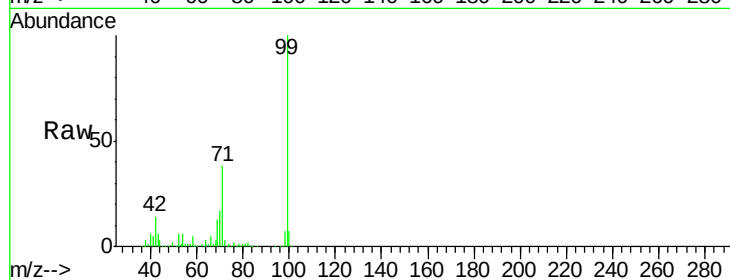
Tot Ion: 99 Resp: 354210

Ion Ratio Lower Upper

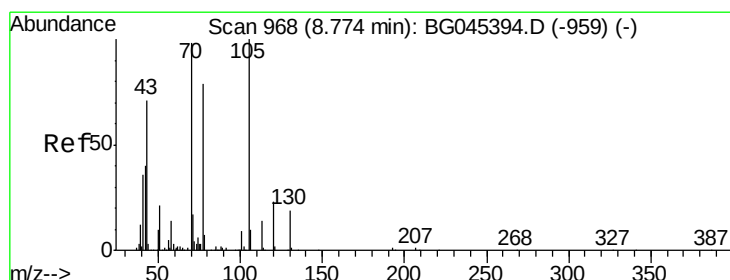
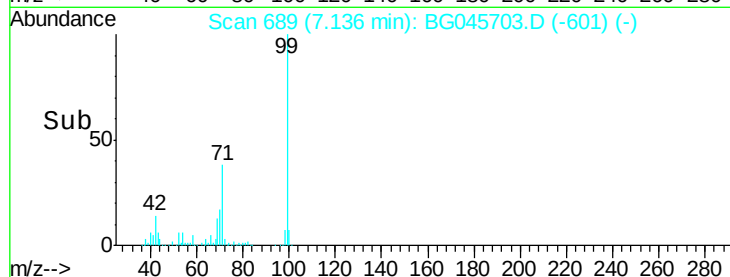
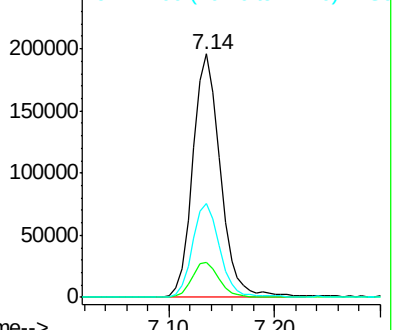
99 100

42 14.3 11.3 16.9

71 38.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.308 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG045703.D

Acq: 10 Jun 2020 22:39

Tgt Ion: 70 Resp: 33758

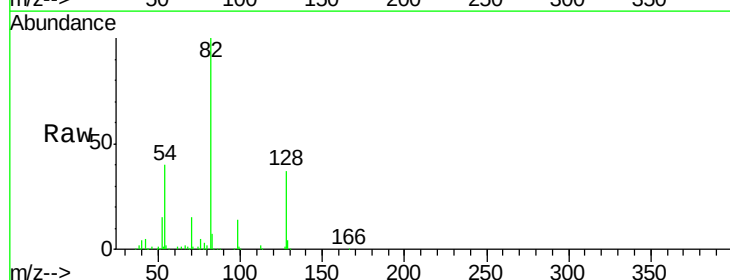
Ion Ratio Lower Upper

70 100

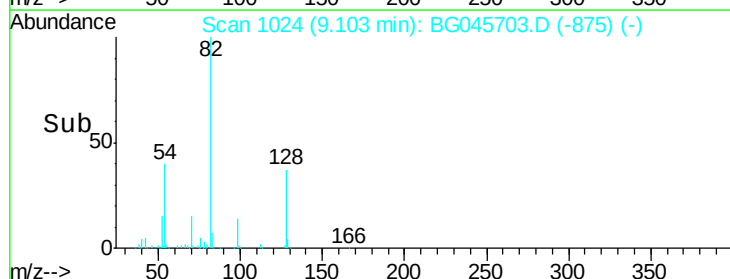
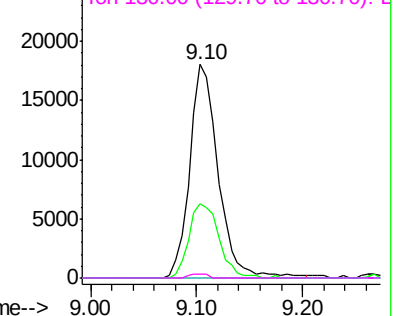
42 34.9 33.2 49.8

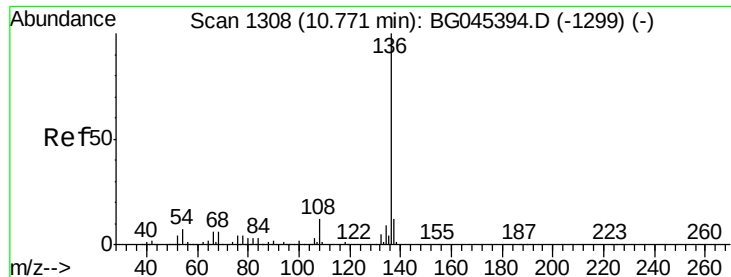
101 0.0 7.8 11.6#

130 1.6 15.4 23.2#



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

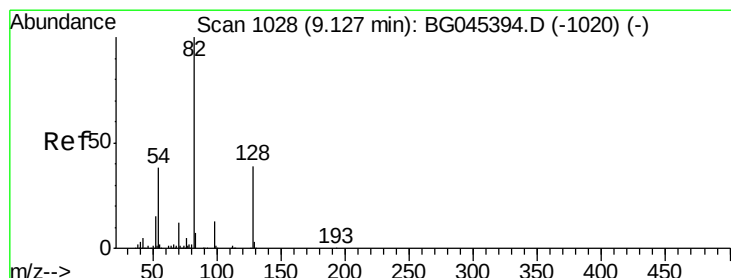
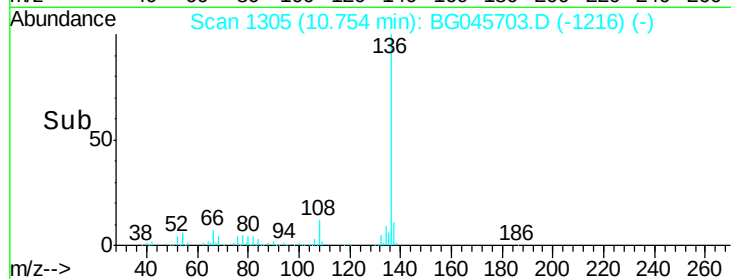
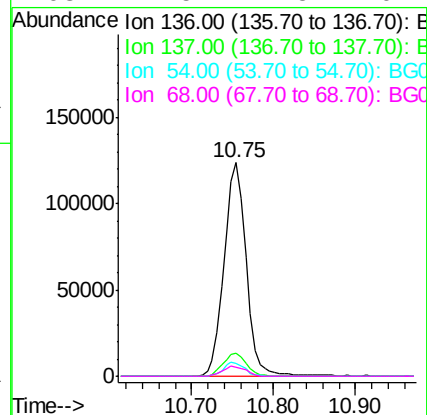
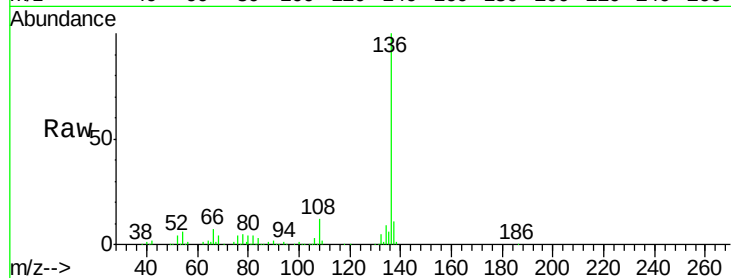




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045703.D
Acq: 10 Jun 2020 22:39

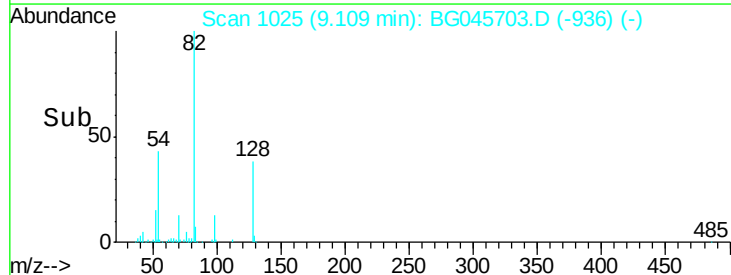
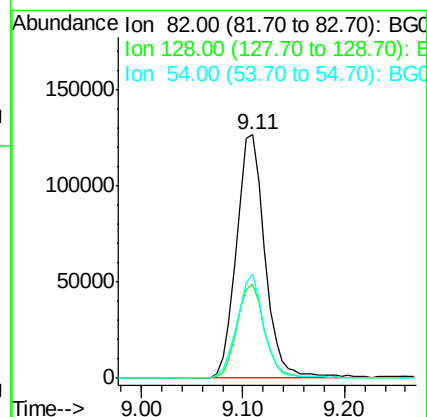
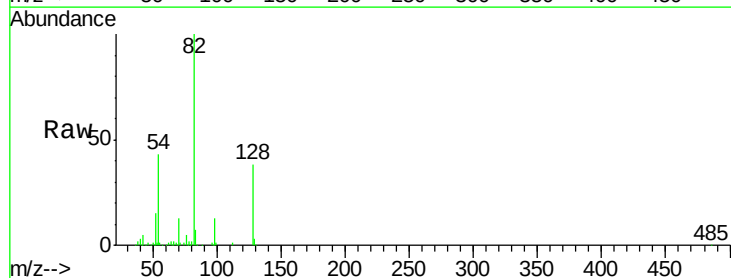
Instrument :
BNA_G
ClientSampleId :

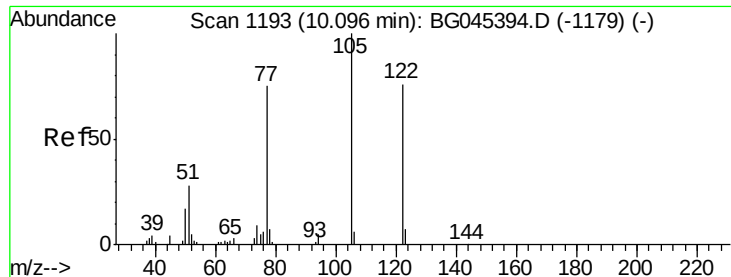
Tot Ion:136	Resp:	233168
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.4	14.2
54 6.2	5.8	8.6
68 4.5	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 57.887 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045703.D
Acq: 10 Jun 2020 22:39

Tgt Ion: 82	Resp: 247515
Ion Ratio	Lower Upper
82 100	
128 38.5	30.9 46.3
54 42.6	30.3 45.5

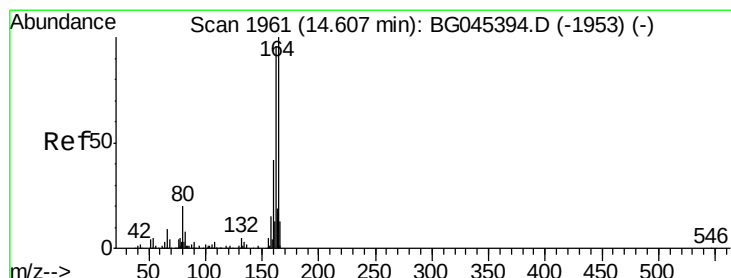
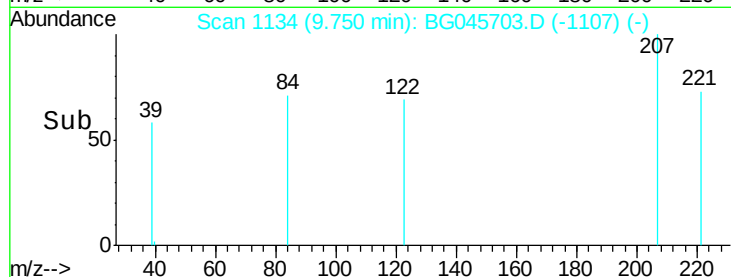
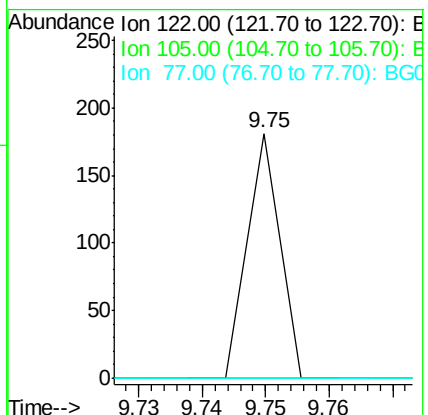
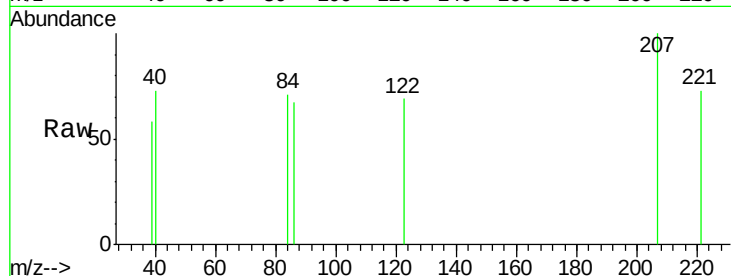




#32
Benzoic acid
Concen: 10.048 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.37 min
Lab File: BG045703.D
Acq: 10 Jun 2020 22:39

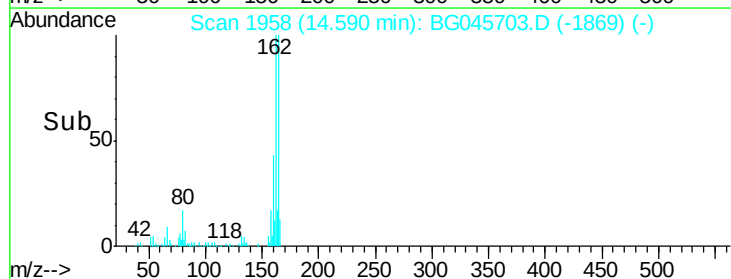
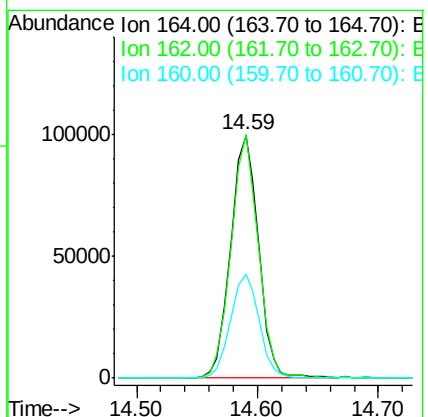
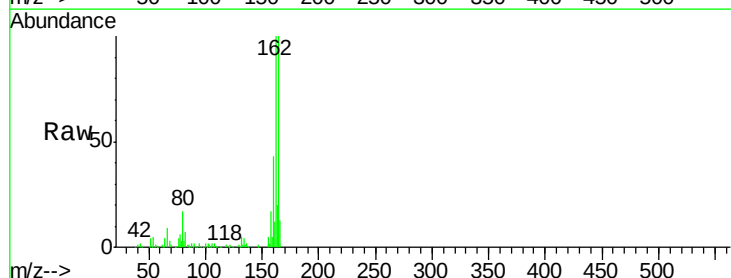
Instrument :
BNA_G
ClientSampleId :

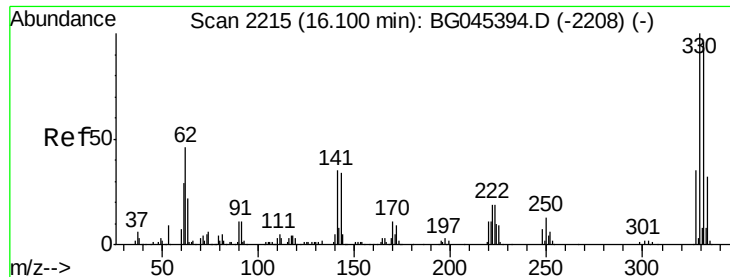
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG045703.D
Acq: 10 Jun 2020 22:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	76.9	115.3
160	43.2	33.8	50.8

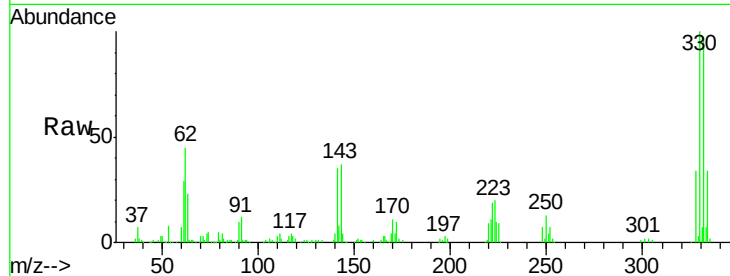




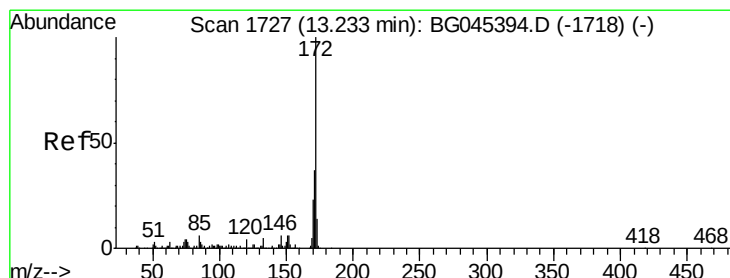
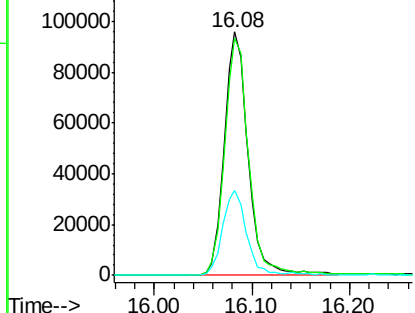
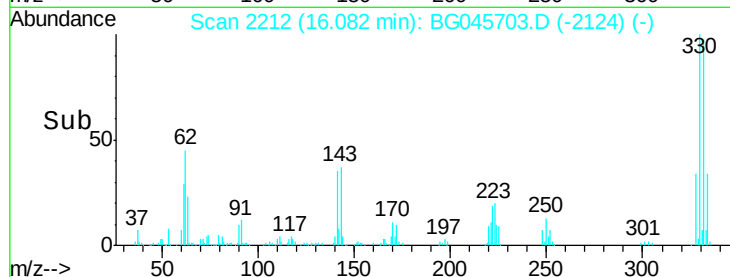
#42
 2,4,6-Tribromophenol
 Concen: 79.069 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045703.D
 Acq: 10 Jun 2020 22:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.2	117.4
141	35.3	28.2	42.4

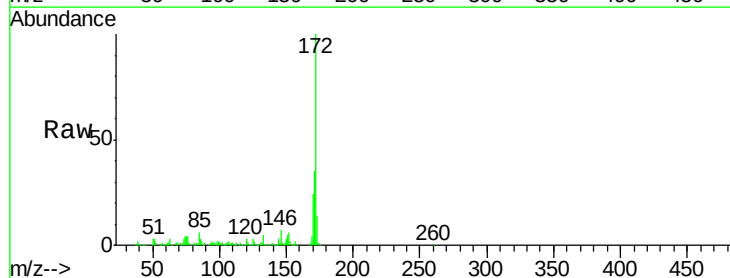


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

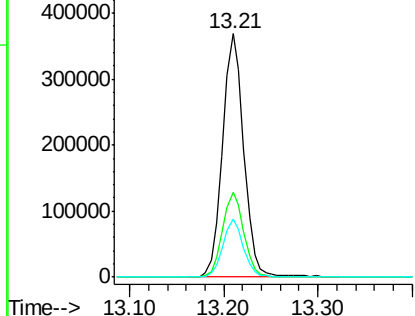
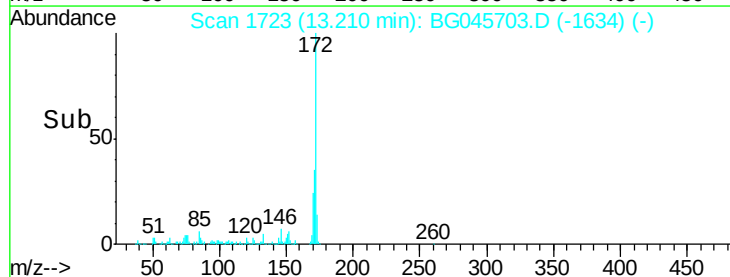


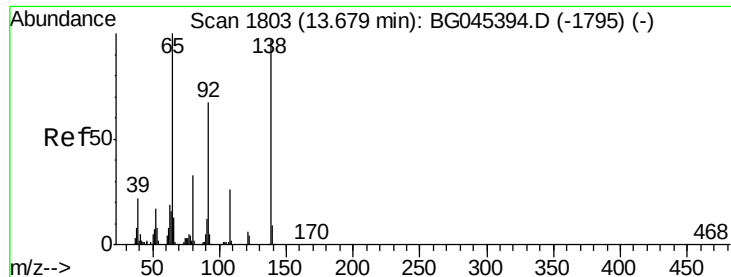
#45
 2-Fluorobiphenyl
 Concen: 61.482 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG045703.D
 Acq: 10 Jun 2020 22:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.5	44.3
170	23.7	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

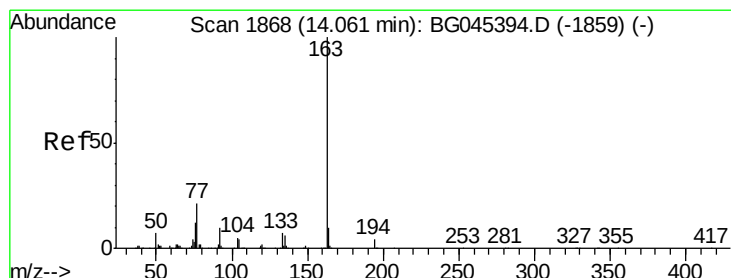
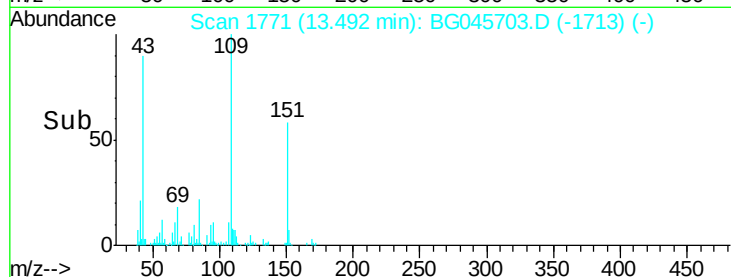
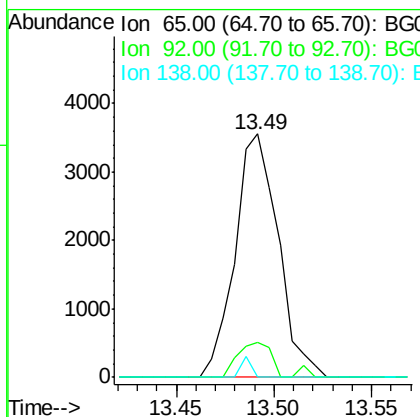
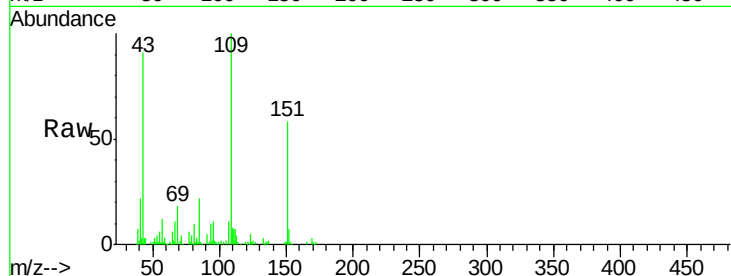




#48
2-Nitroaniline
Concen: 2.066 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.19 min
Lab File: BG045703.D
Acq: 10 Jun 2020 22:39

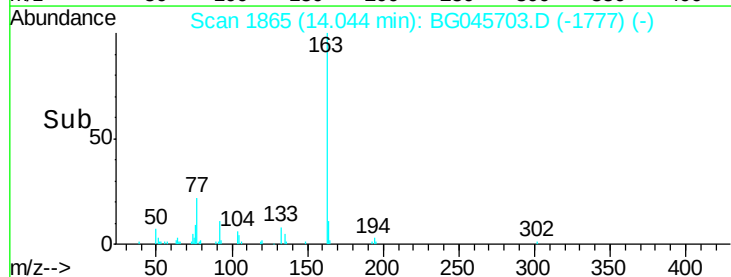
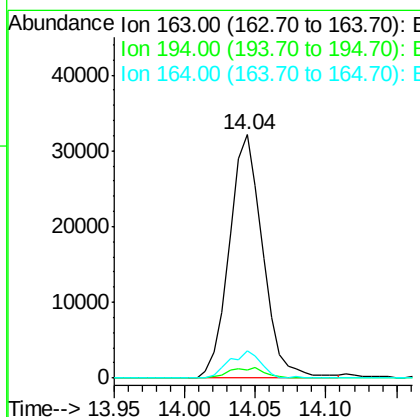
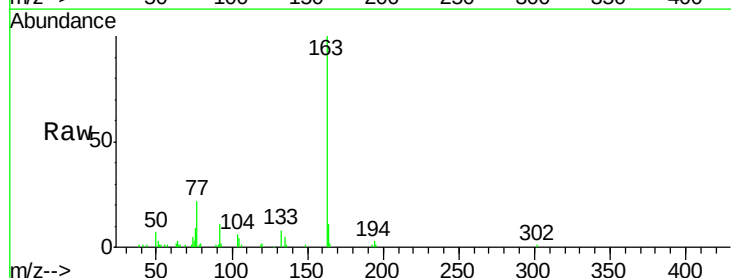
Instrument :
BNA_G
ClientSampleId :

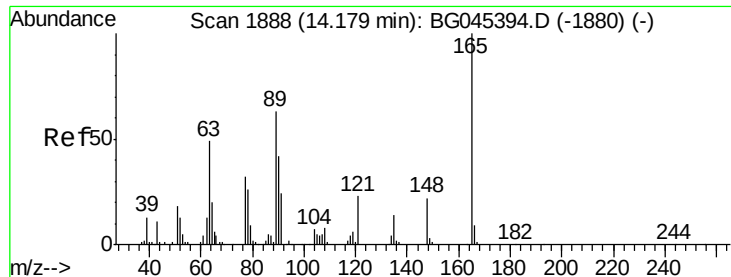
Tot Ion: 65 Resp: 5436
Ion Ratio Lower Upper
65 100
92 14.6 53.8 80.8#
138 0.0 77.9 116.9#



#50
Dimethylphthalate
Concen: 4.825 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045703.D
Acq: 10 Jun 2020 22:39

Tgt Ion: 163 Resp: 53071
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 11.2 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 8.379 ng

RT: 14.59 min Scan# 1958

Delta R.T. 0.42 min

Lab File: BG045703.D

Acq: 10 Jun 2020 22:39

Instrument :

BNA_G

ClientSampleId :

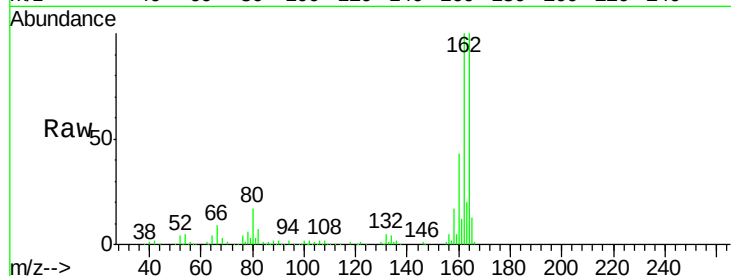
Tot Ion:165 Resp: 20796

Ion Ratio Lower Upper

165 100

63 1.9 45.0 67.4#

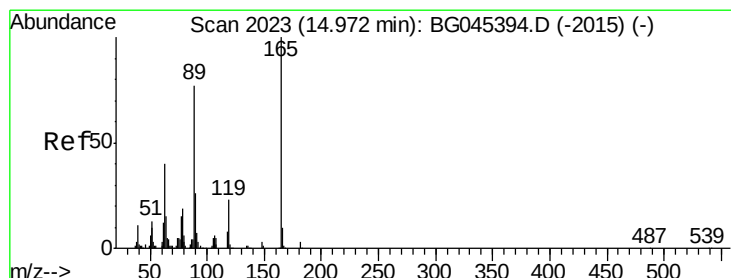
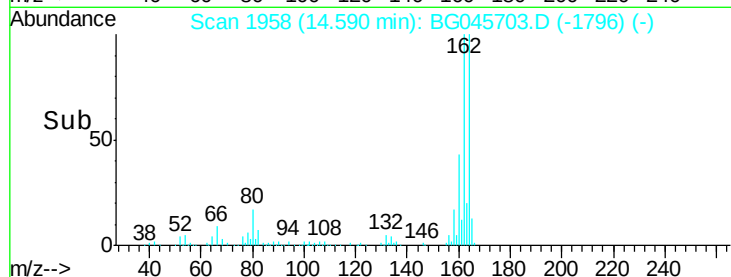
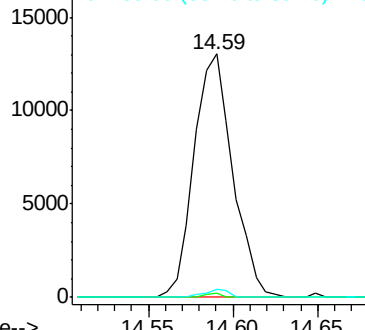
89 3.5 50.2 75.4#



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: 5.785 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045703.D

Acq: 10 Jun 2020 22:39

Tgt Ion:165 Resp: 20796

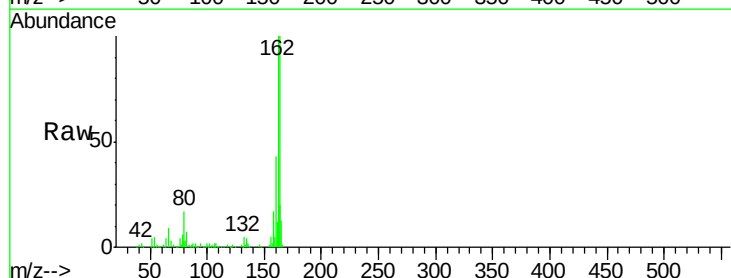
Ion Ratio Lower Upper

165 100

63 1.9 32.5 48.7#

89 3.5 61.8 92.6#

182 0.0 2.3 3.5#

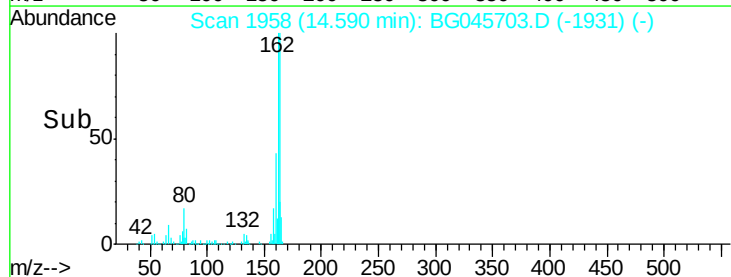
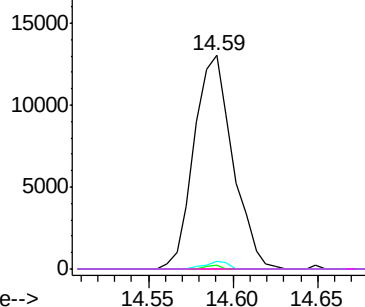


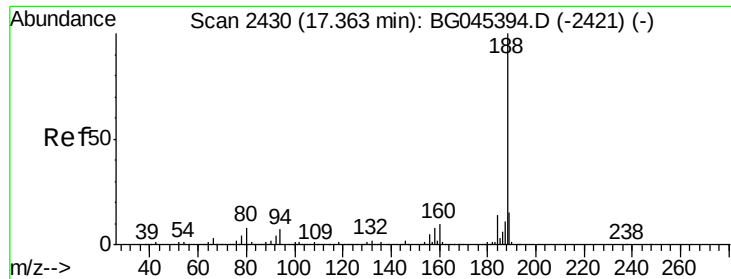
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG045703.D

Acq: 10 Jun 2020 22:39

Instrument :

BNA_G

ClientSampleId :

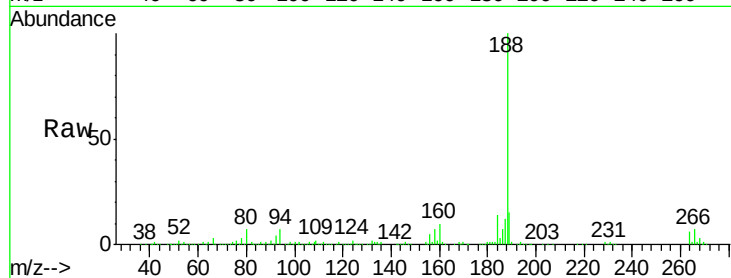
Tot Ion:188 Resp: 341739

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

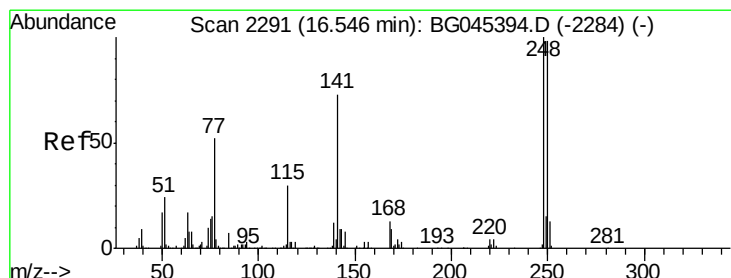
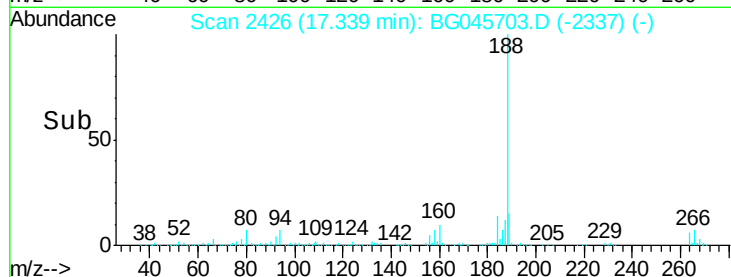
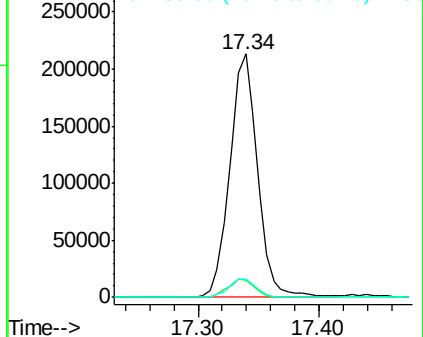
80 7.5 6.6 10.0



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: 3.069 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.45 min

Lab File: BG045703.D

Acq: 10 Jun 2020 22:39

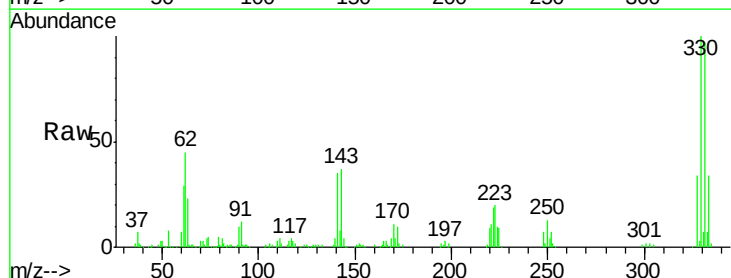
Tgt Ion:248 Resp: 11358

Ion Ratio Lower Upper

248 100

250 188.3 78.6 117.8#

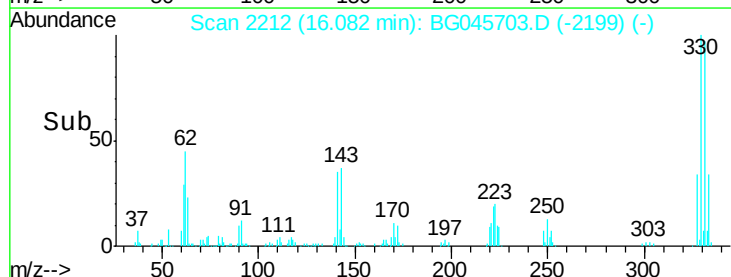
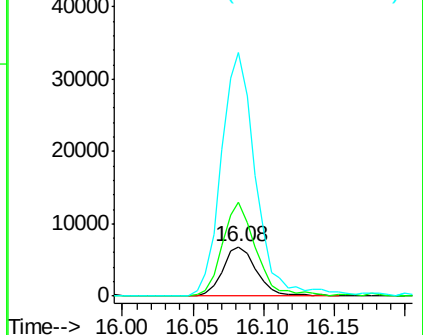
141 490.7 58.2 87.2#

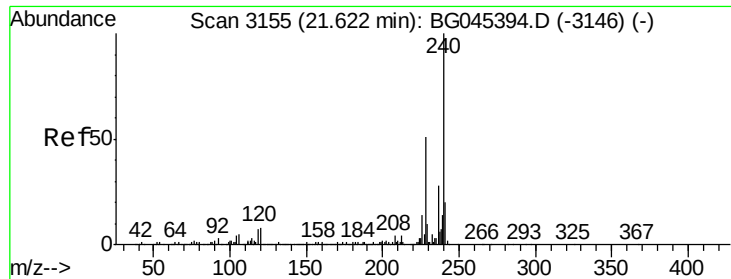


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

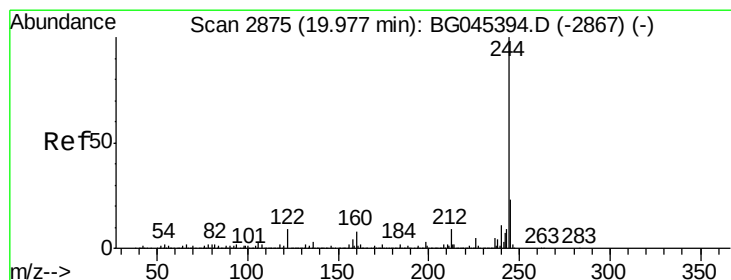
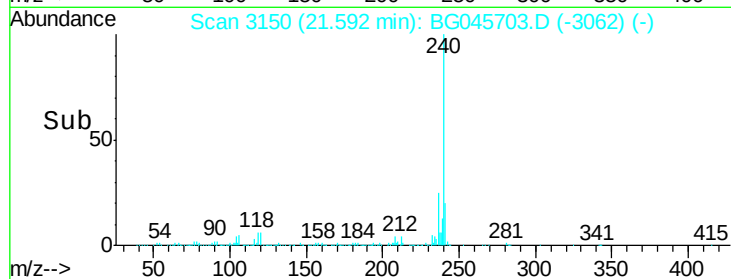
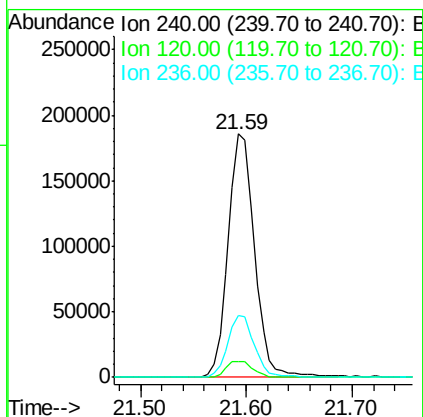
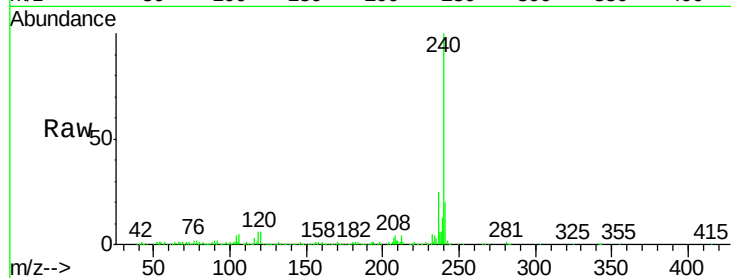




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045703.D
Acq: 10 Jun 2020 22:39

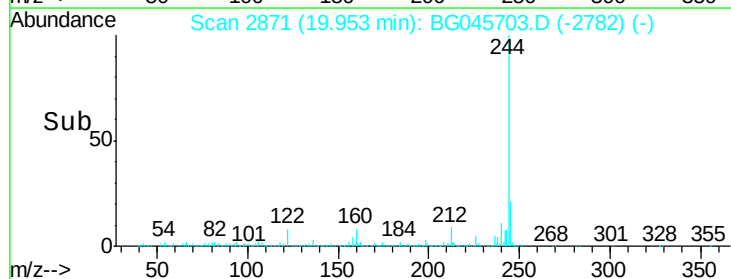
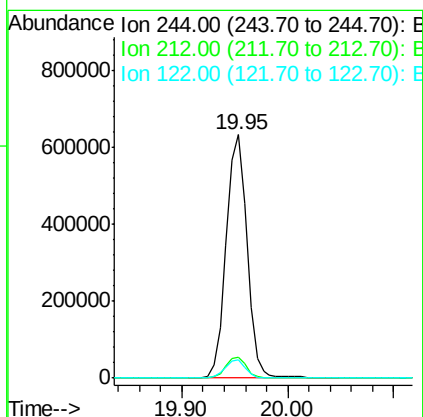
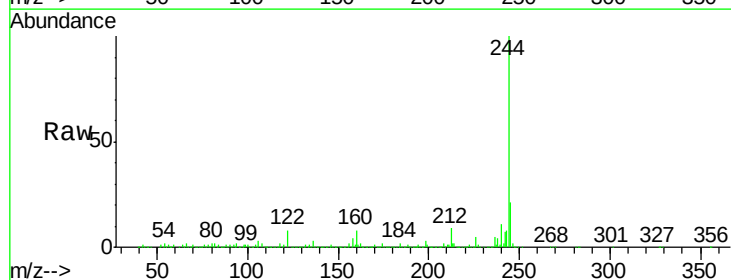
Instrument :
BNA_G
ClientSampleId :

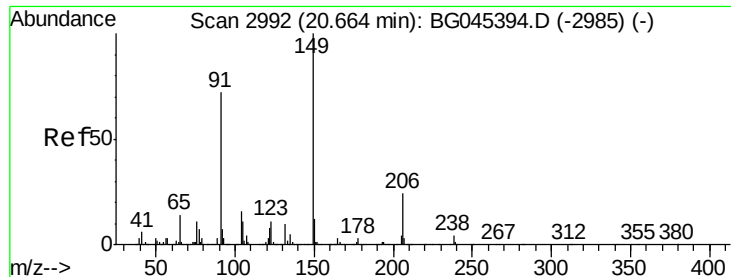
Tot Ion:240 Resp: 321061
Ion Ratio Lower Upper
240 100
120 6.5 6.1 9.1
236 25.3 22.3 33.5



#79
Terphenyl-d14
Concen: 63.192 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BG045703.D
Acq: 10 Jun 2020 22:39

Tgt Ion:244 Resp: 869896
Ion Ratio Lower Upper
244 100
212 8.5 7.4 11.0
122 7.5 6.8 10.2

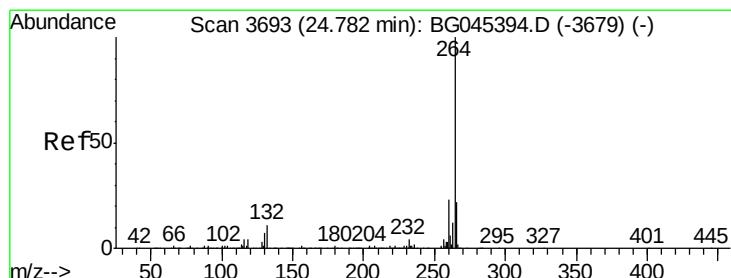
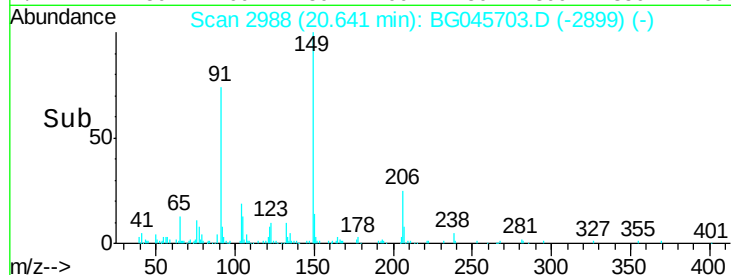
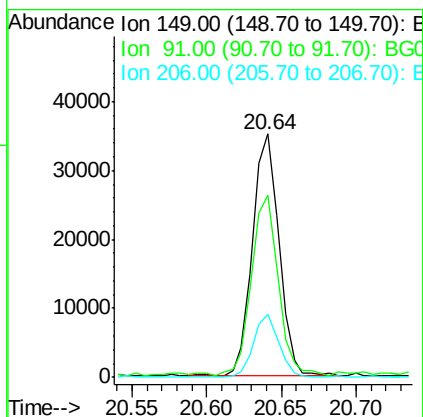
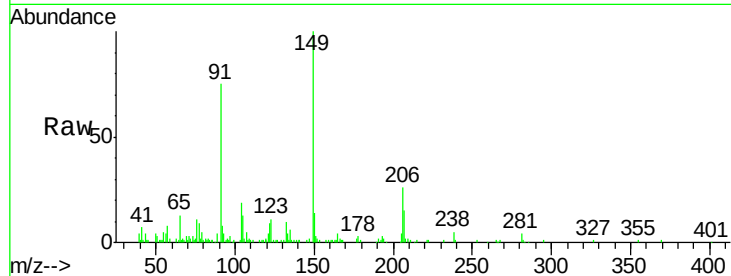




#80
Butylbenzylphthalate
Concen: 5.440 ng
RT: 20.64 min Scan# 2988
Delta R.T. -0.01 min
Lab File: BG045703.D
Acq: 10 Jun 2020 22:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 42972
Ion Ratio Lower Upper
149 100
91 74.9 57.8 86.6
206 25.7 19.1 28.7



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.73 min Scan# 3684
Delta R.T. -0.02 min
Lab File: BG045703.D
Acq: 10 Jun 2020 22:39

Tgt Ion:264 Resp: 346442
Ion Ratio Lower Upper
264 100
260 21.2 18.2 27.4
265 20.6 17.6 26.4

