

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045746.D
 Acq On : 12 Jun 2020 18:43
 Operator : CG/JU
 Sample : L2993-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW039-200610

Quant Time: Jun 12 23:48:00 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

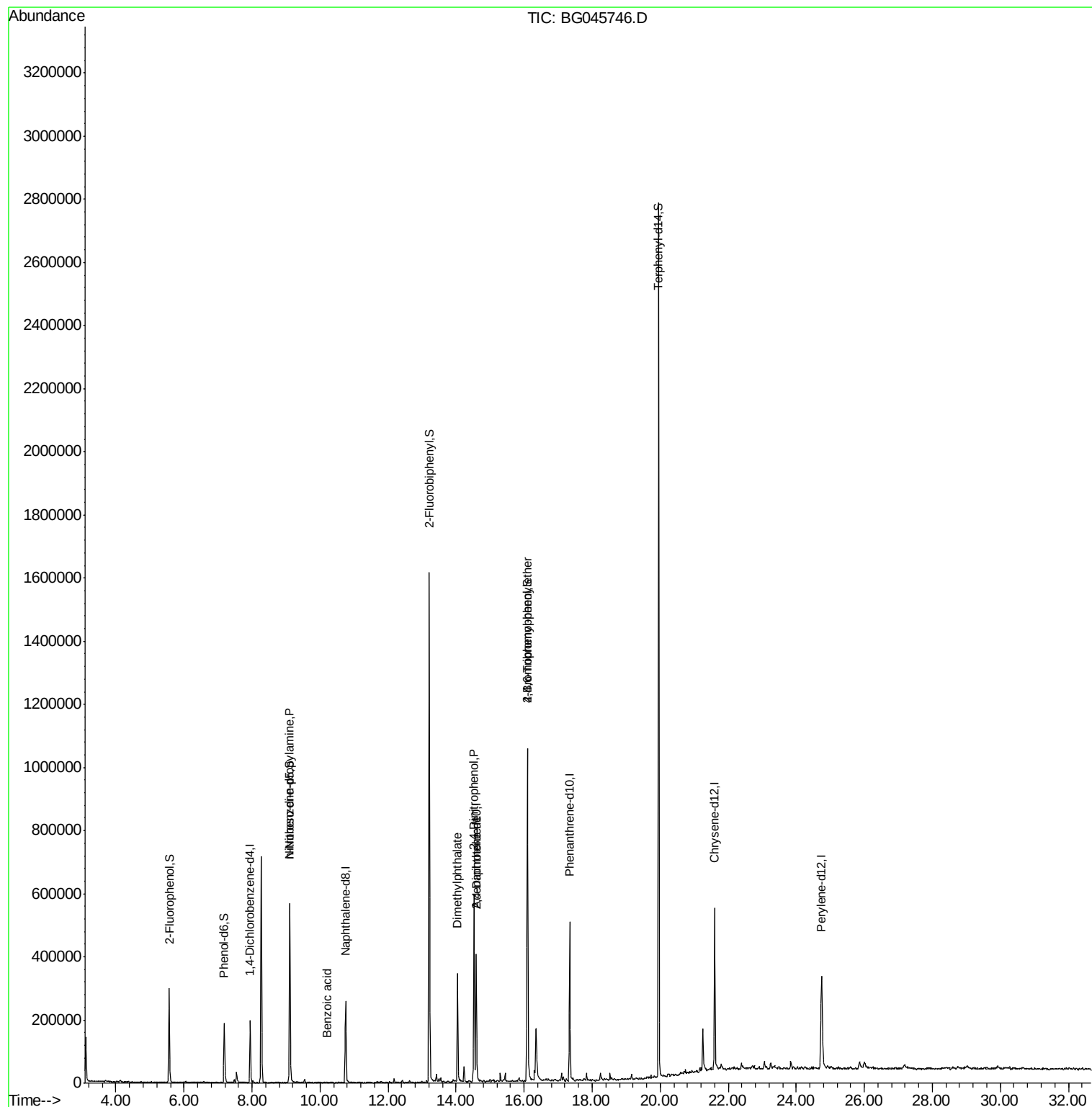
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	56316	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	230898	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	147841	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	343273	20.00	ng	0.00
76) Chrysene-d12	21.60	240	334092	20.00	ng	0.00
87) Perylene-d12	24.74	264	357881	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	150738	52.31	ng	0.02
7) Phenol-d6	7.18	99	132394	32.28	ng	0.03
23) Nitrobenzene-d5	9.11	82	396255	93.58	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	240461	127.18	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	918280	105.36	ng	0.00
79) Terphenyl-d14	19.95	244	1423640	99.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	55053	19.411	ng	# 77
32) Benzoic acid	10.21	122	72	10.052	ng	# 1
50) Dimethylphthalate	14.04	163	236384	23.308	ng	99
54) 2,4-Dinitrophenol	14.53	184	2634	7.096	ng	# 28
57) 2,4-Dinitrotoluene	14.59	165	19114	5.767	ng	# 24
67) 4-Bromophenyl-phenylether	16.10	248	15824	4.257	ng	# 1

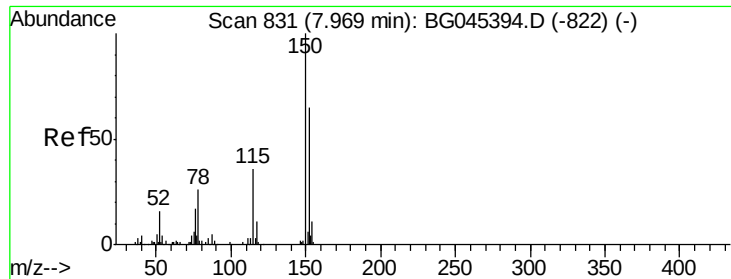
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 23:48:00 2020
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QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration



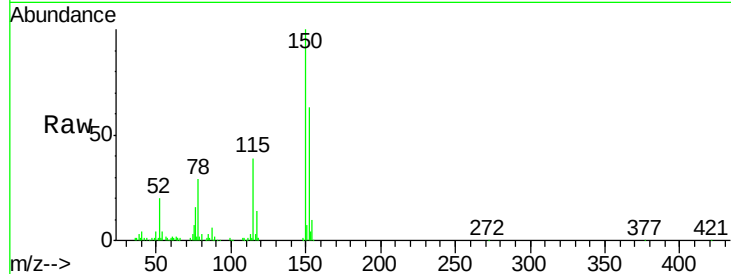


#1

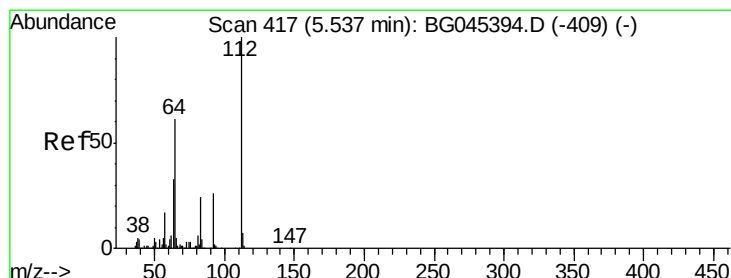
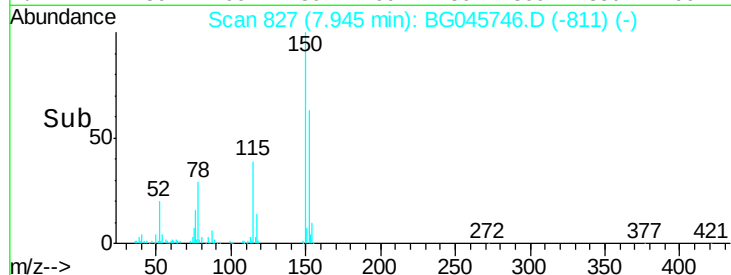
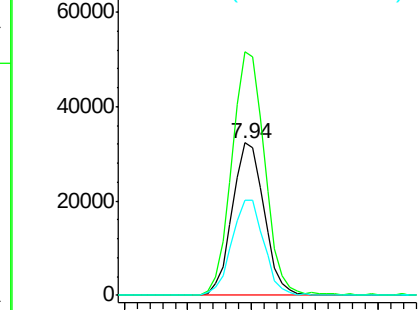
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045746.D
Acq: 12 Jun 2020 18:43

Instrument :
BNA_G
ClientSampleId :
SS043MW039-200610

Tot Ion:152 Resp: 56316
Ion Ratio Lower Upper
152 100
150 159.9 122.4 183.6
115 62.8 44.2 66.4



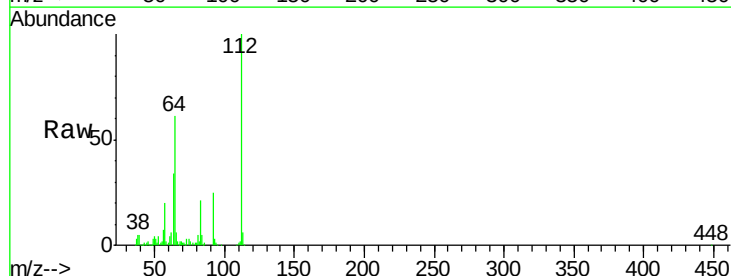
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



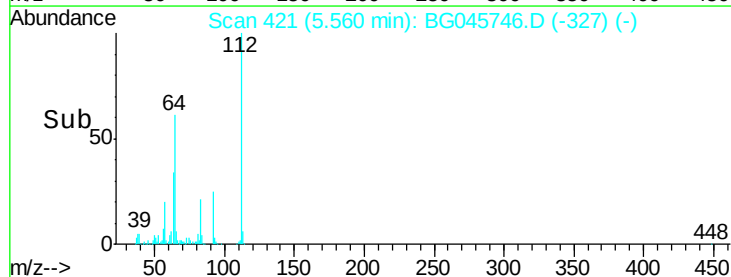
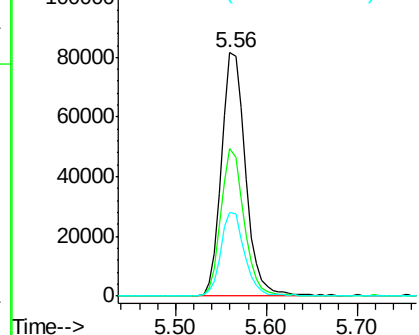
#5

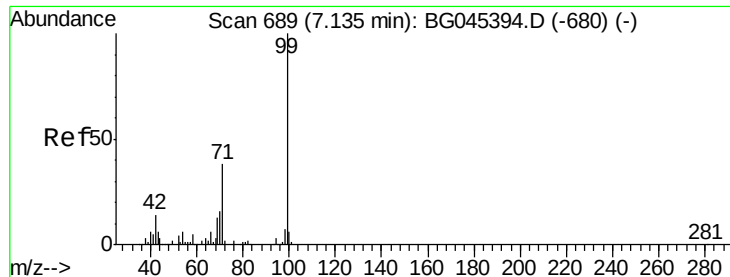
2-Fluorophenol
Concen: 52.310 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.02 min
Lab File: BG045746.D
Acq: 12 Jun 2020 18:43

Tgt Ion:112 Resp: 150738
Ion Ratio Lower Upper
112 100
64 60.5 48.6 72.8
63 34.3 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: 32.280 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.03 min

Lab File: BG045746.D

Acq: 12 Jun 2020 18:43

Instrument :

BNA_G

ClientSampleId :

SS043MW039-200610

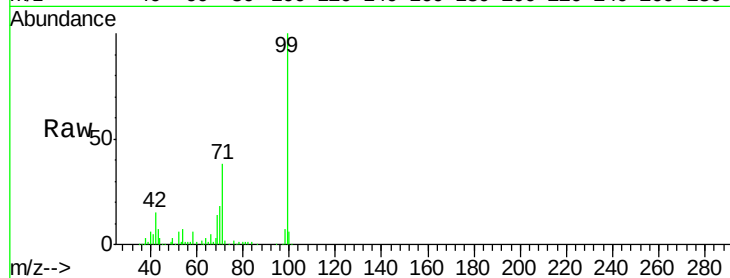
Tot Ion: 99 Resp: 132394

Ion Ratio Lower Upper

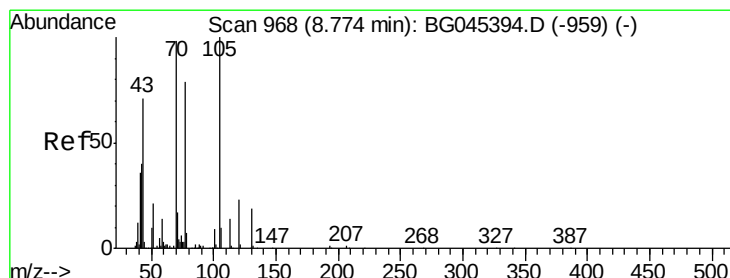
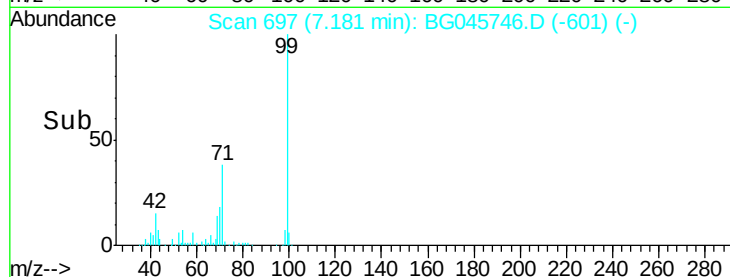
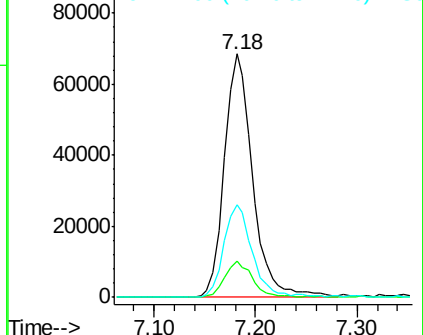
99 100

42 14.7 11.3 16.9

71 37.9 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: 19.411 ng

RT: 9.11 min Scan# 1026

Delta R.T. 0.36 min

Lab File: BG045746.D

Acq: 12 Jun 2020 18:43

Tgt Ion: 70 Resp: 55053

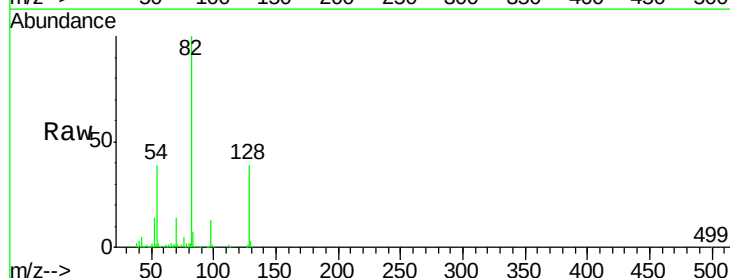
Ion Ratio Lower Upper

70 100

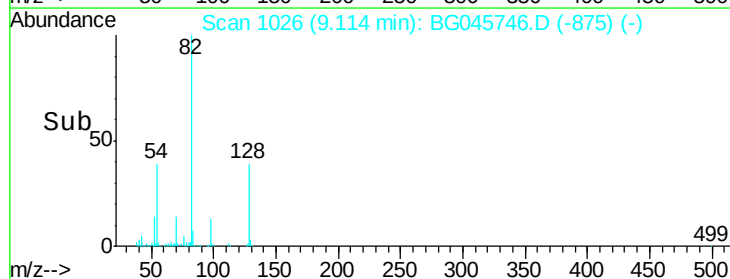
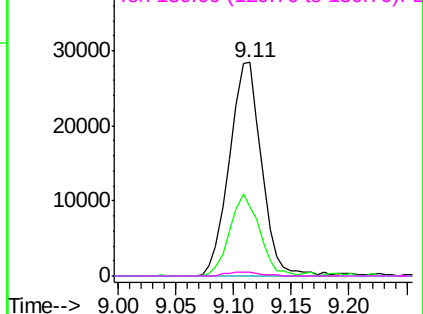
42 32.6 33.2 49.8#

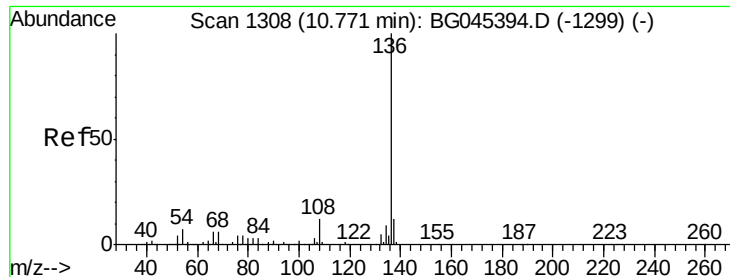
101 0.0 7.8 11.6#

130 1.7 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

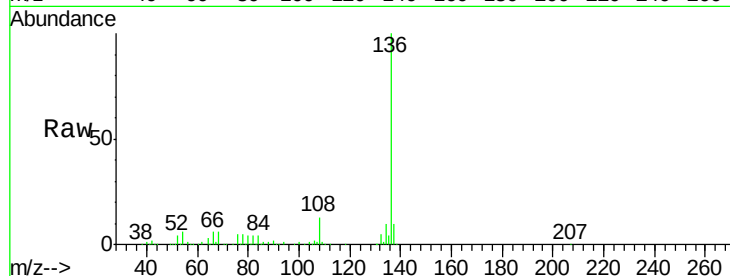




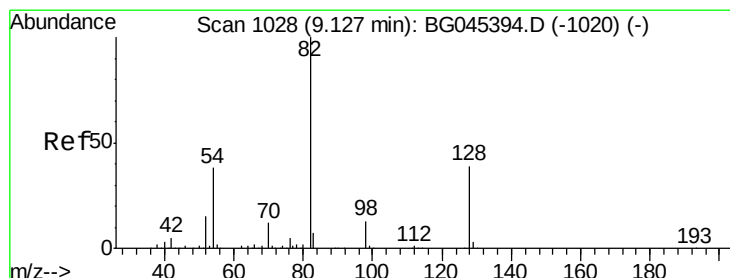
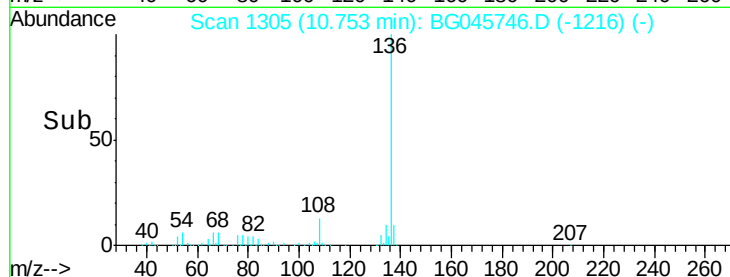
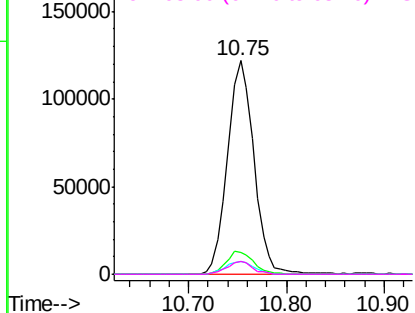
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045746.D
Acq: 12 Jun 2020 18:43

Instrument :
BNA_G
ClientSampleId :
SS043MW039-200610

Tot Ion:136	Resp:	230898	
Ion Ratio	Lower	Upper	
136 100			
137 10.3	9.4	14.2	
54 5.9	5.8	8.6	
68 5.8	4.5	6.7	

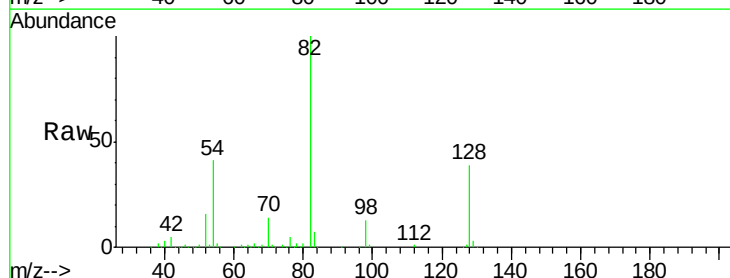


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

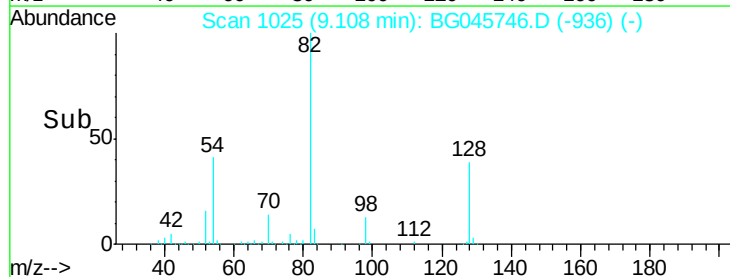
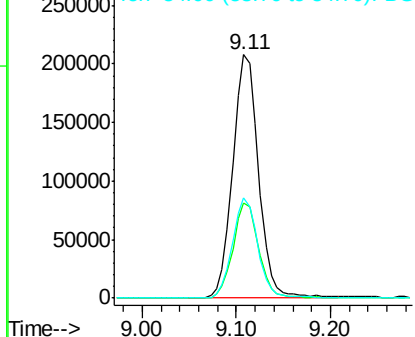


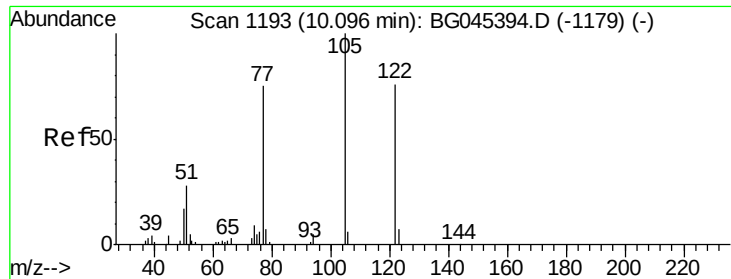
#23
Nitrobenzene-d5
Concen: 93.584 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045746.D
Acq: 12 Jun 2020 18:43

Tgt	Ion: 82	Resp:	396255
Ion	Ratio	Lower	Upper
82	100		
128	39.0	30.9	46.3
54	41.3	30.3	45.5



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





#32

Benzoic acid

Concen: 10.052 ng

RT: 10.21 min Scan# 1213

Delta R.T. 0.09 min

Lab File: BG045746.D

Acq: 12 Jun 2020 18:43

Instrument :

BNA_G

ClientSampleId :

SS043MW039-200610

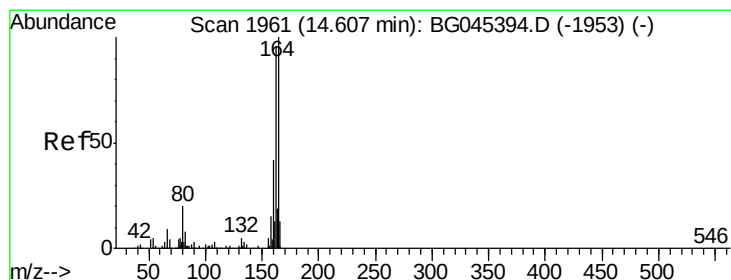
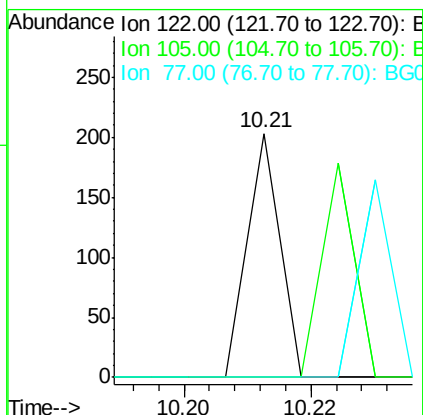
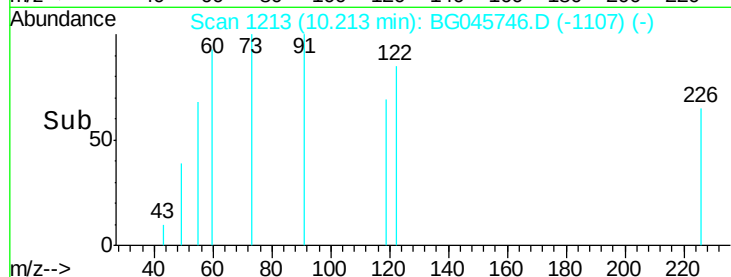
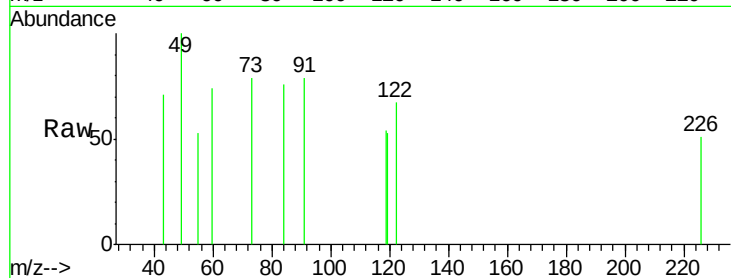
Tot Ion:122 Resp: 72

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: BG045746.D

Acq: 12 Jun 2020 18:43

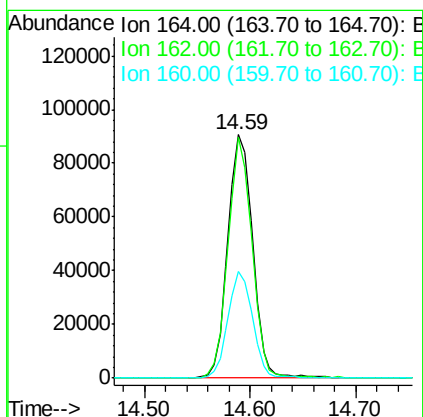
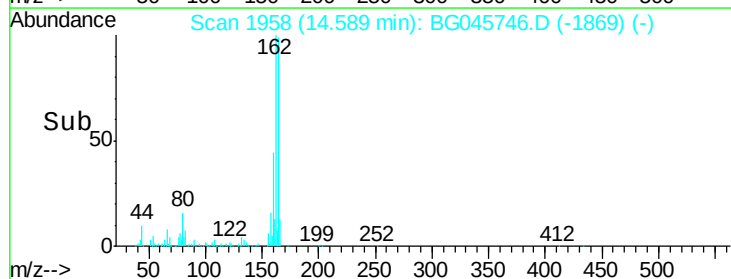
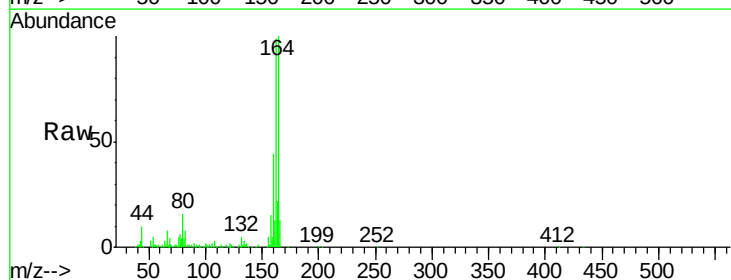
Tgt Ion:164 Resp: 147841

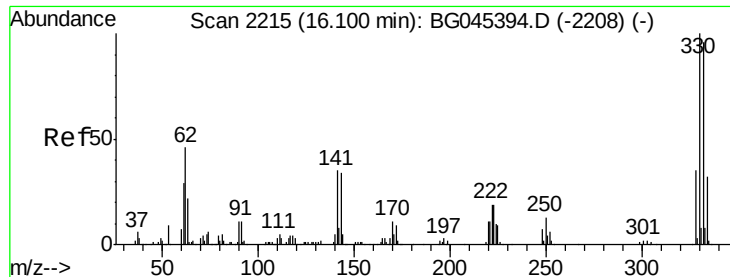
Ion Ratio Lower Upper

164 100

162 99.1 76.9 115.3

160 43.9 33.8 50.8





#42

2,4,6-Tribromophenol

Concen: 127.180 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BG045746.D

Acq: 12 Jun 2020 18:43

Instrument :

BNA_G

ClientSampleId :

SS043MW039-200610

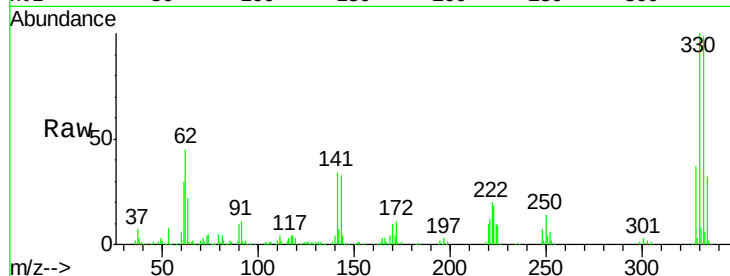
Tot Ion:330 Resp: 240461

Ion Ratio Lower Upper

330 100

332 95.0 78.2 117.4

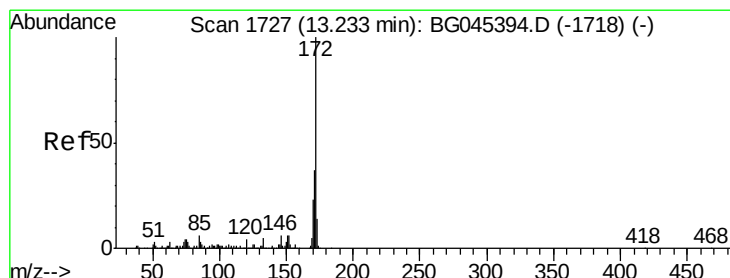
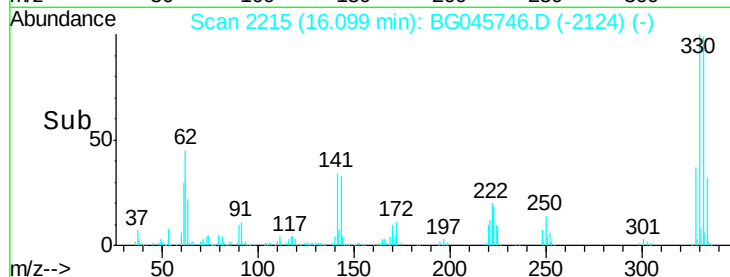
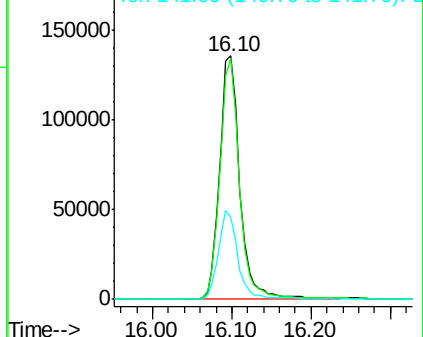
141 35.2 28.2 42.4



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: 105.356 ng

RT: 13.21 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG045746.D

Acq: 12 Jun 2020 18:43

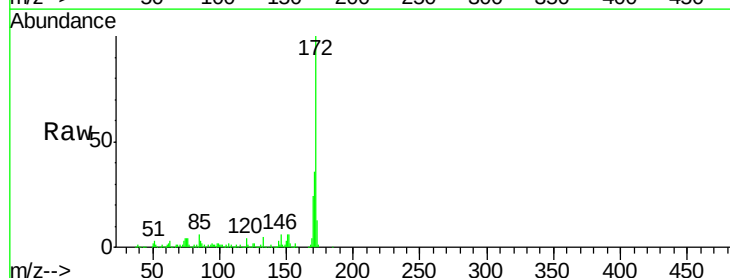
Tgt Ion:172 Resp: 918280

Ion Ratio Lower Upper

172 100

171 36.1 29.5 44.3

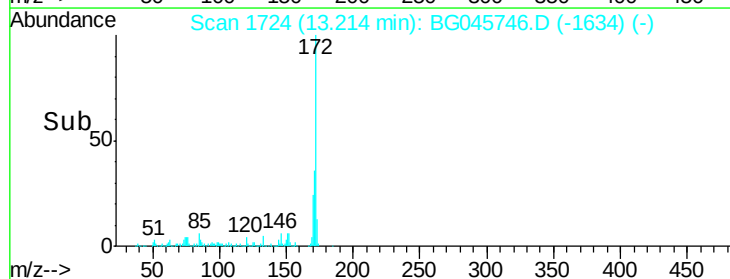
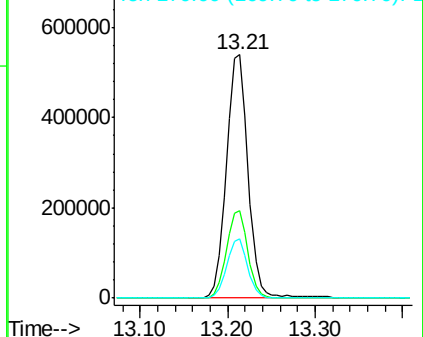
170 24.5 18.5 27.7

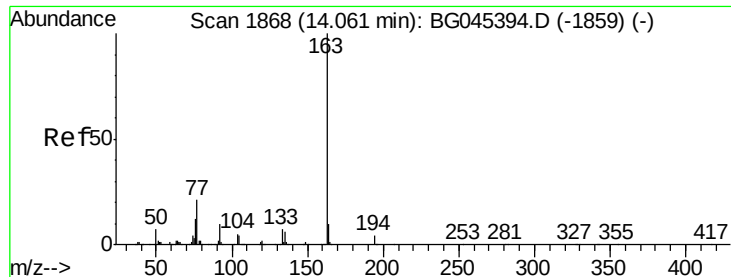


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 23.308 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045746.D

Acq: 12 Jun 2020 18:43

Instrument :

BNA_G

ClientSampleId :

SS043MW039-200610

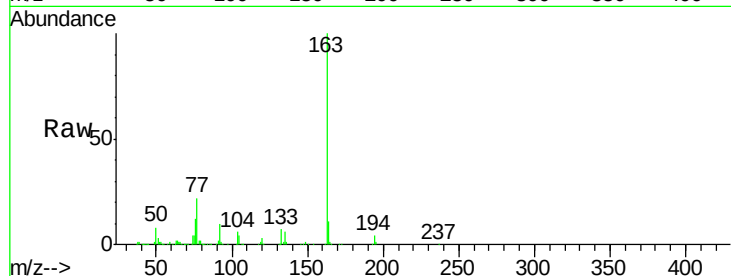
Tot Ion:163 Resp: 236384

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 10.9 8.3 12.5

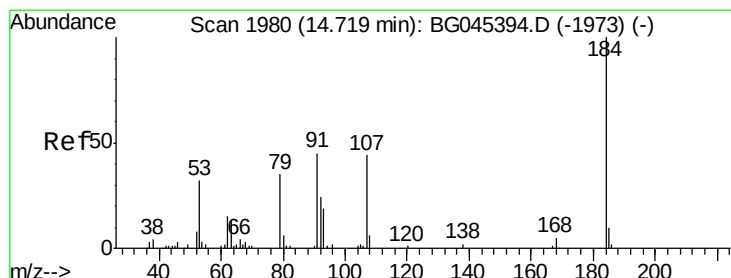
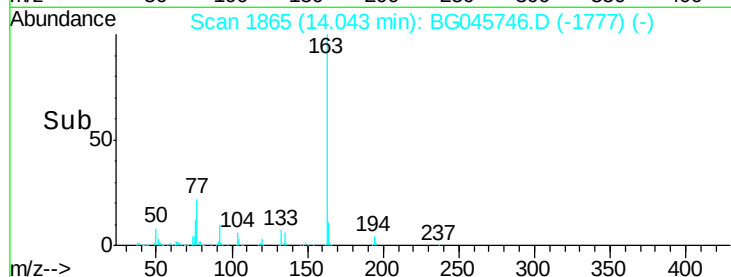
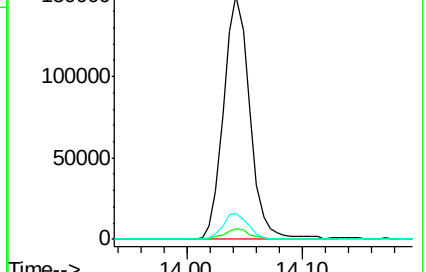


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.04



#54

2,4-Dinitrophenol

Concen: 7.096 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.18 min

Lab File: BG045746.D

Acq: 12 Jun 2020 18:43

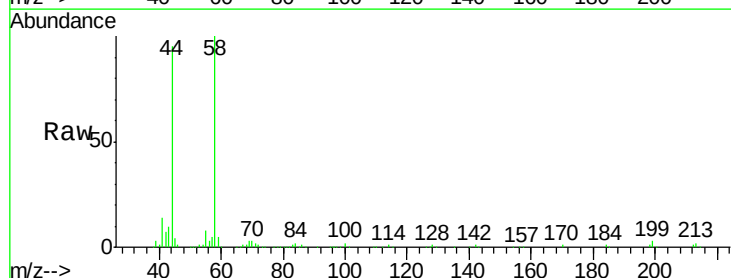
Tgt Ion:184 Resp: 2634

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

154 17.6 58.3 87.5#

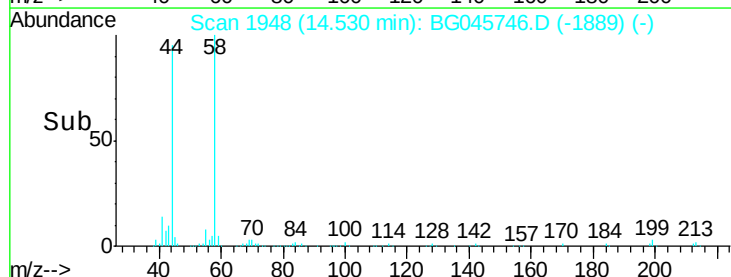
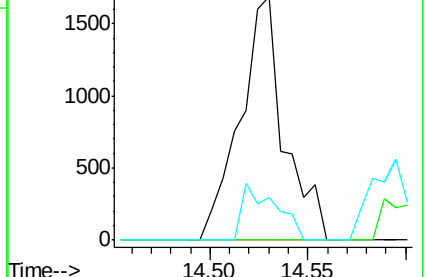


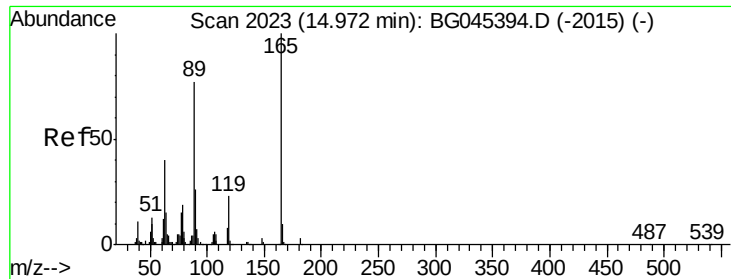
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

14.53

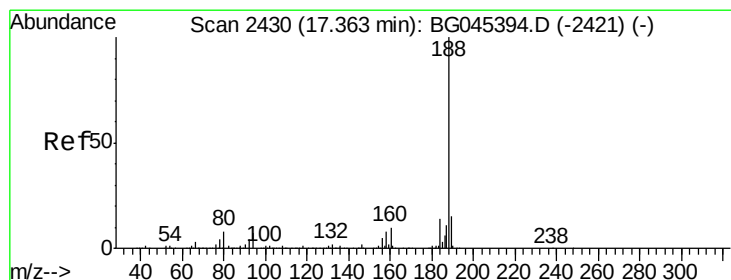
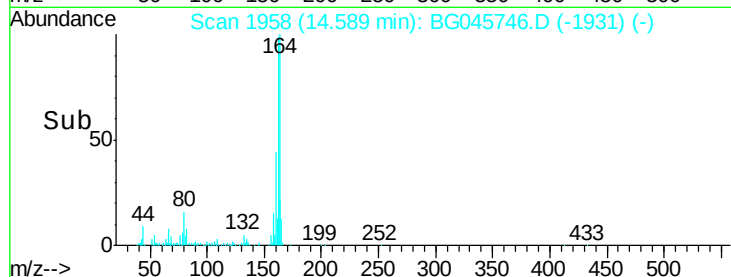
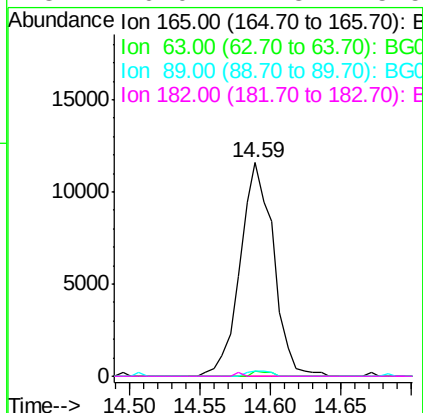
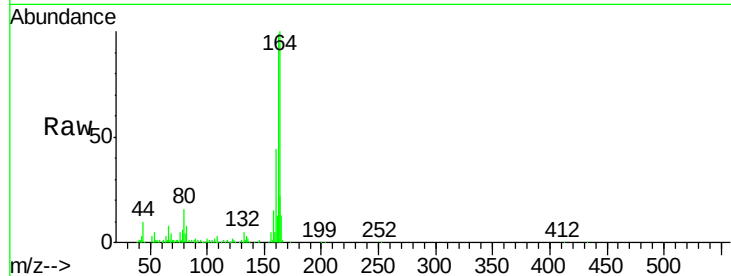




#57
2,4-Dinitrotoluene
Concen: 5.767 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045746.D
Acq: 12 Jun 2020 18:43

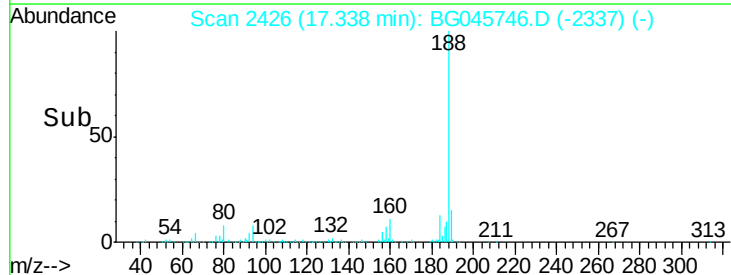
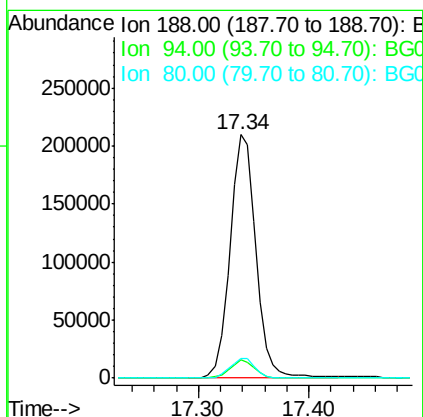
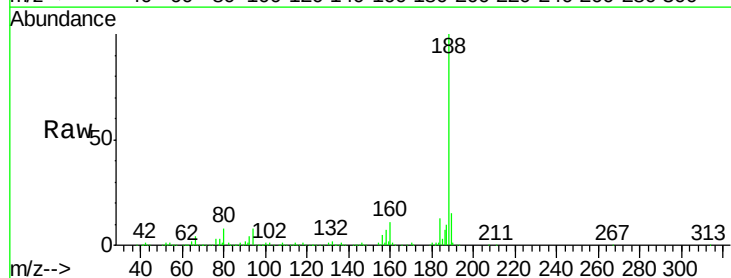
Instrument :
BNA_G
ClientSampleId :
SS043MW039-200610

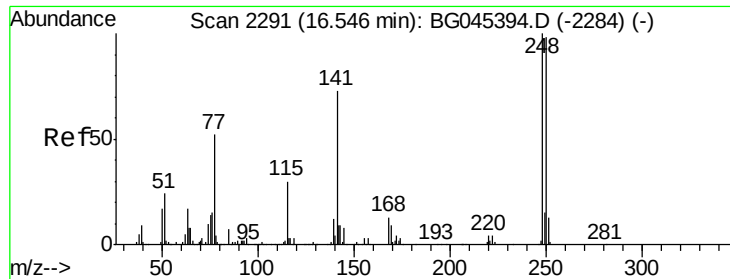
Tot Ion:165 Resp: 19114
Ion Ratio Lower Upper
165 100
63 2.4 32.5 48.7#
89 2.4 61.8 92.6#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG045746.D
Acq: 12 Jun 2020 18:43

Tgt Ion:188 Resp: 343273
Ion Ratio Lower Upper
188 100
94 7.6 5.5 8.3
80 7.9 6.6 10.0

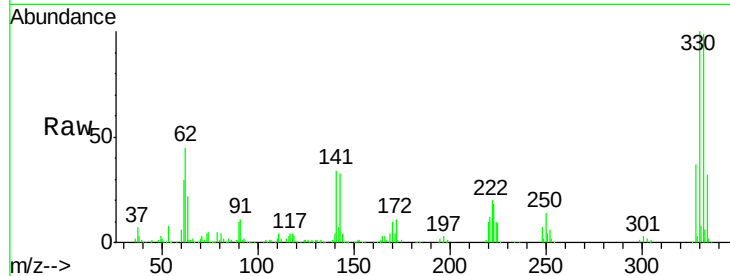




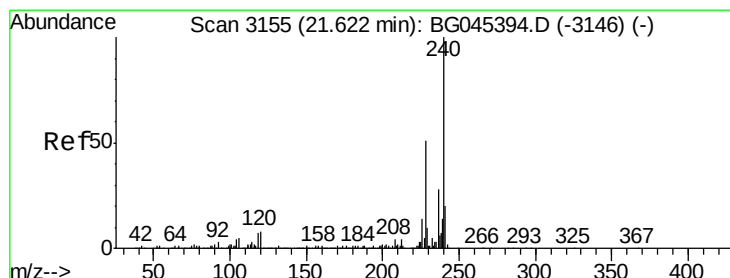
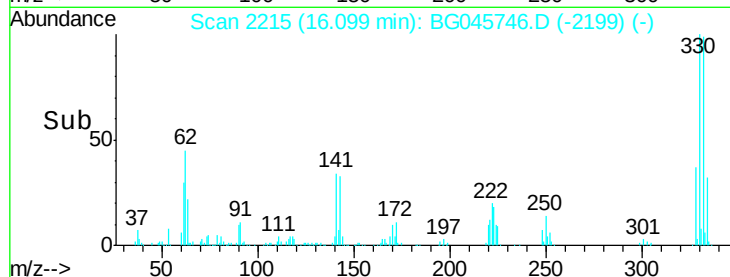
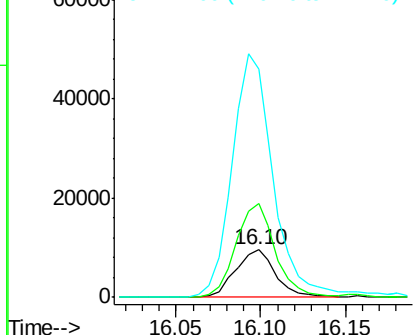
#67
 4-Bromophenyl-phenylether
 Concen: 4.257 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.44 min
 Lab File: BG045746.D
 Acq: 12 Jun 2020 18:43

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW039-200610

Tot Ion:248 Resp: 15824
 Ion Ratio Lower Upper
 248 100
 250 197.4 78.6 117.8#
 141 482.9 58.2 87.2#

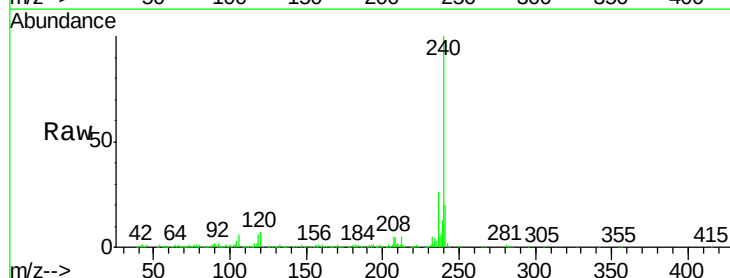


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

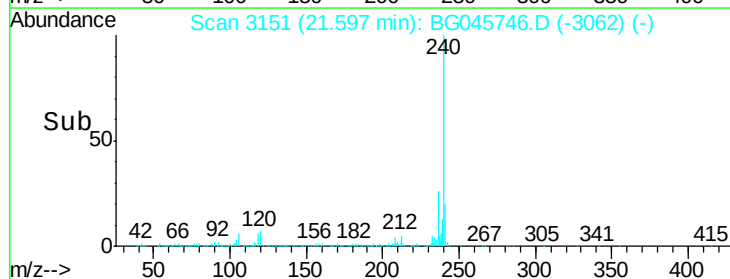
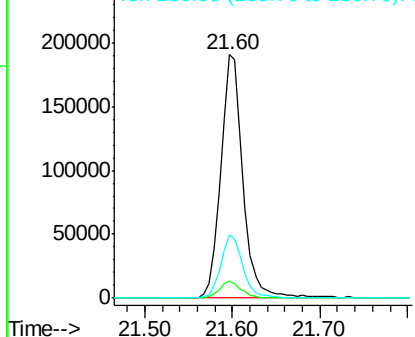


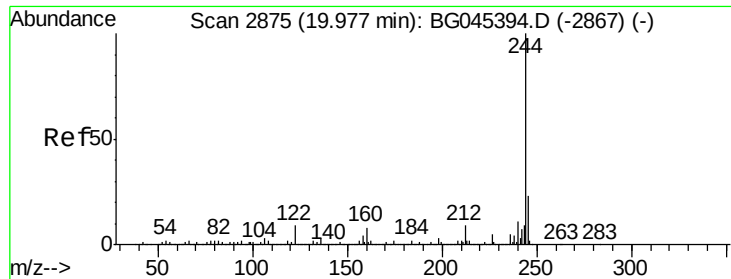
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.01 min
 Lab File: BG045746.D
 Acq: 12 Jun 2020 18:43

Tgt Ion:240 Resp: 334092
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.1 9.1
 236 26.1 22.3 33.5



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





#79

Terphenyl-d14

Concen: 99.384 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045746.D

Acq: 12 Jun 2020 18:43

Instrument :

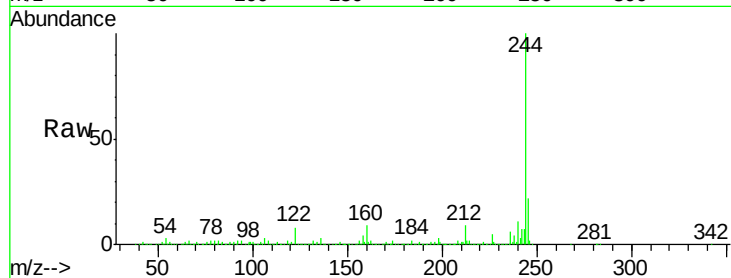
BNA_G

ClientSampleId :

SS043MW039-200610

Tot Ion:244 Resp: 1423640

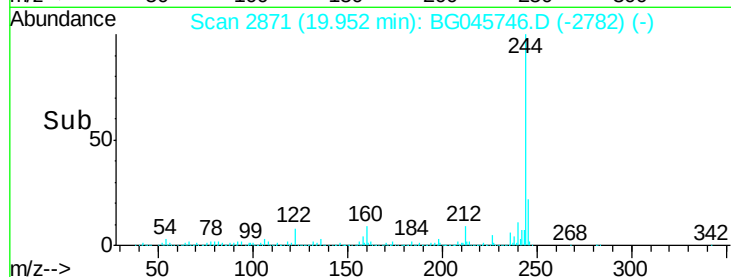
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.0
122	8.4	6.8	10.2



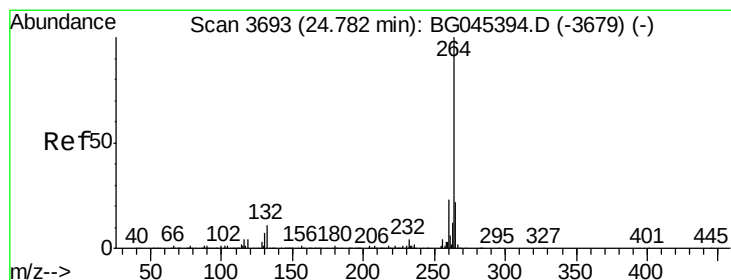
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

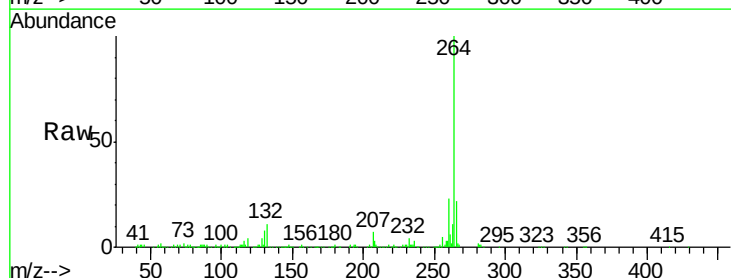
Delta R.T. -0.01 min

Lab File: BG045746.D

Acq: 12 Jun 2020 18:43

Tgt Ion:264 Resp: 357881

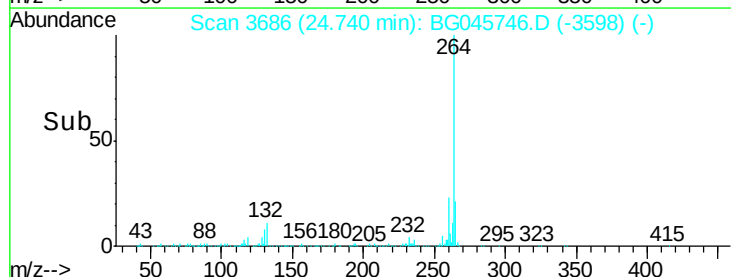
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.8	17.6	26.4



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



Time-->