

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052920\
 Data File : BG045525.D
 Acq On : 29 May 2020 15:57
 Operator : CG/JU
 Sample : L2745-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-3

Quant Time: May 29 16:33:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

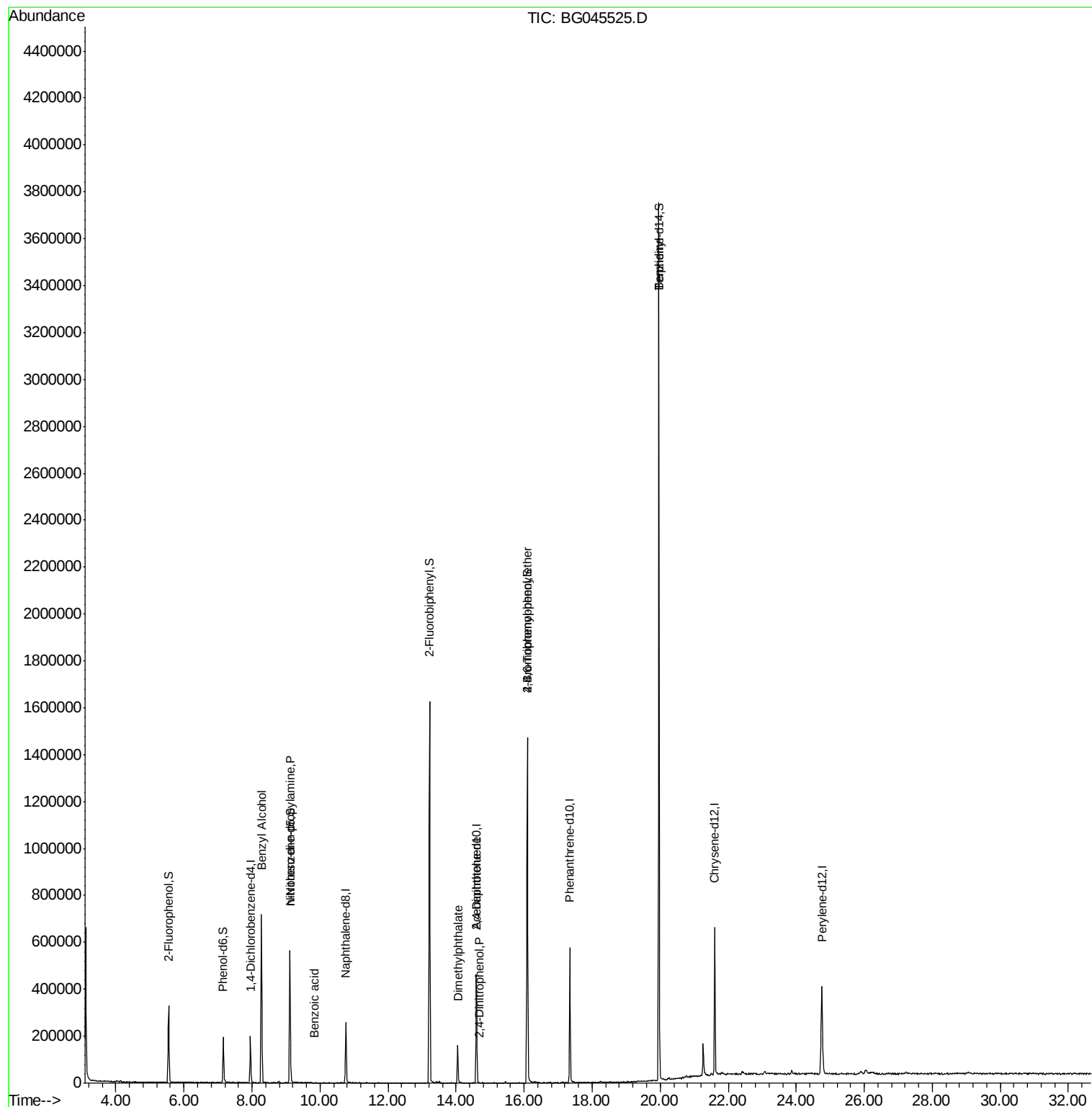
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59866	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	235668	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	165853	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	396920	20.00	ng	0.00
76) Chrysene-d12	21.60	240	402036	20.00	ng	0.00
87) Perylene-d12	24.75	264	427940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	167893	54.81	ng	0.00
7) Phenol-d6	7.16	99	137950	31.64	ng	0.00
23) Nitrobenzene-d5	9.11	82	393931	91.15	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	311811	147.01	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	916654	93.75	ng	0.00
79) Terphenyl-d14	19.96	244	1887743	109.51	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	7410	2.057	ng	# 66
19) n-Nitroso-di-n-propylamine	9.11	70	54627	18.118	ng	# 79
32) Benzoic acid	9.84	122	67	10.049	ng	# 1
50) Dimethylphthalate	14.05	163	113062	9.937	ng	# 98
54) 2,4-Dinitrophenol	14.70	184	54	5.489	ng	# 17
57) 2,4-Dinitrotoluene	14.60	165	20570	5.532	ng	# 22
67) 4-Bromophenyl-phenylether	16.09	248	20509	4.772	ng	# 1
77) Benzidine	19.96	184	35889	3.178	ng	# 92

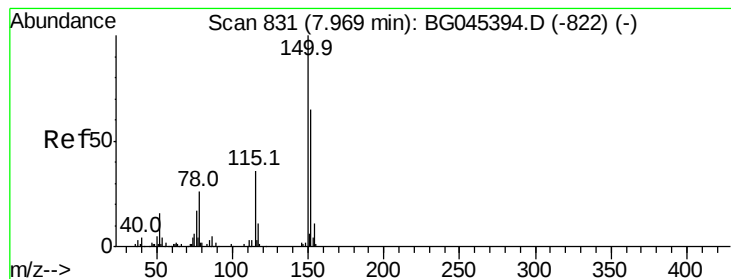
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052920\
Data File : BG045525.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-EB-3

Quant Time: May 29 16:33:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG045525.D

Acq: 29 May 2020 15:57

Instrument :

BNA_G

ClientSampleId :

NM-EB-3

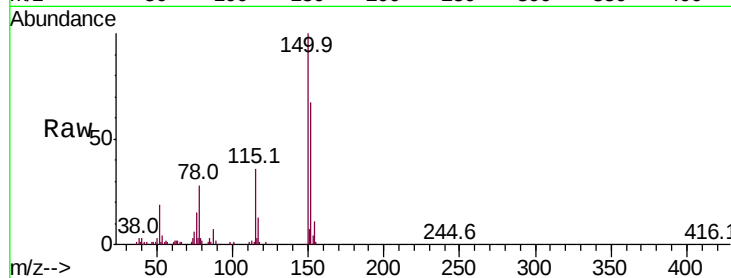
Tot Ion:152 Resp: 59866

Ion Ratio Lower Upper

152 100

150 148.8 122.4 183.6

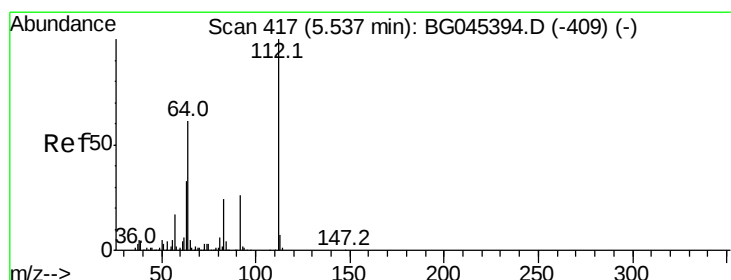
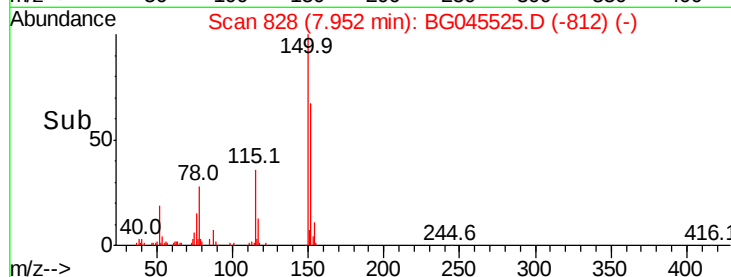
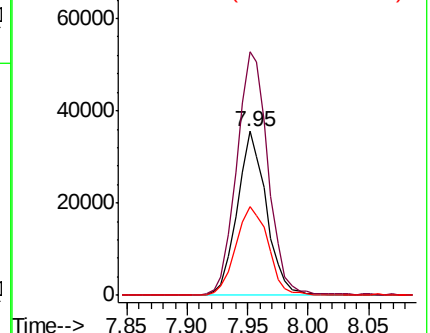
115 54.2 44.2 66.4



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: 54.808 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045525.D

Acq: 29 May 2020 15:57

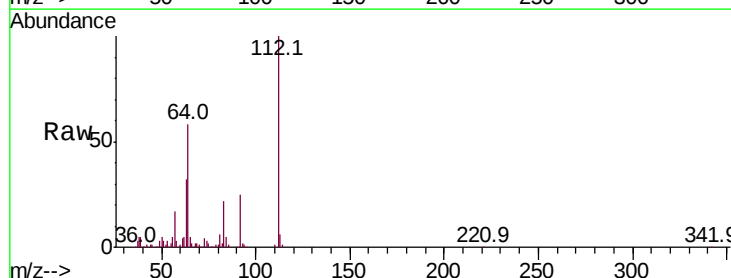
Tgt Ion:112 Resp: 167893

Ion Ratio Lower Upper

112 100

64 57.9 48.6 72.8

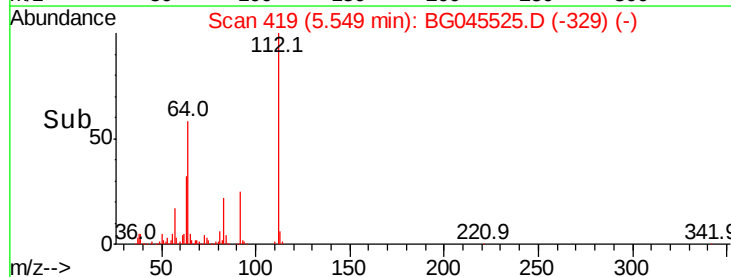
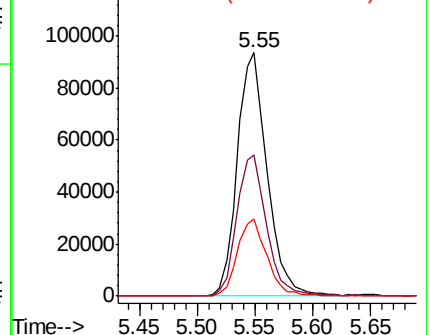
63 31.8 26.5 39.7

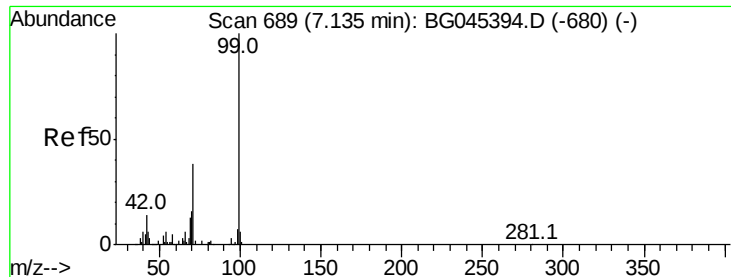


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 31.640 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045525.D

Acq: 29 May 2020 15:57

Instrument :

BNA_G

ClientSampleId :

NM-EB-3

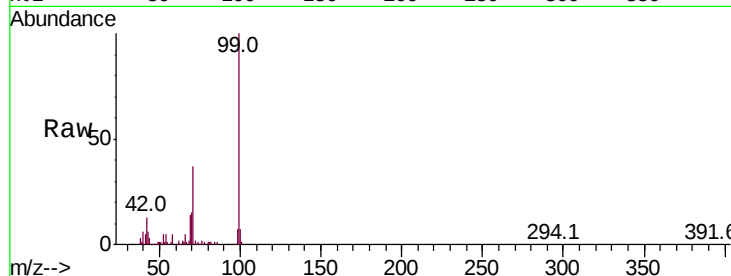
Tot Ion: 99 Resp: 137950

Ion Ratio Lower Upper

99 100

42 12.9 11.3 16.9

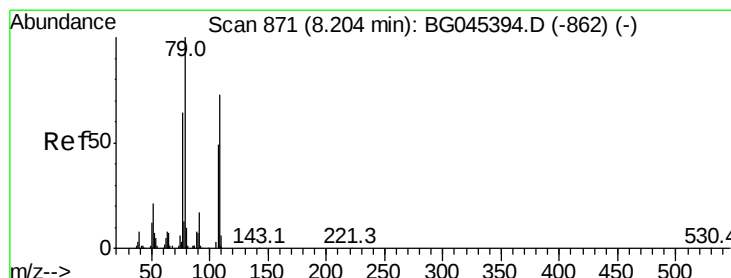
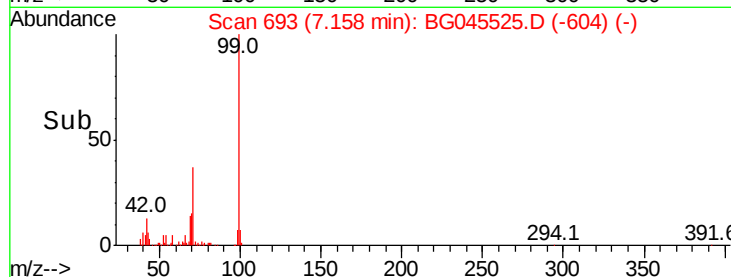
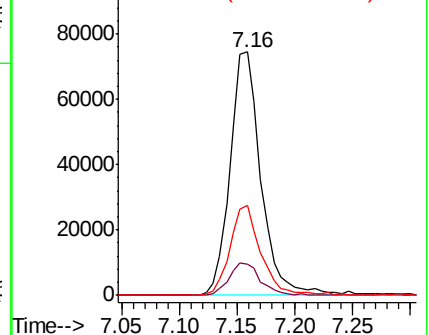
71 37.0 30.8 46.2



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: 2.057 ng

RT: 8.27 min Scan# 883

Delta R.T. 0.07 min

Lab File: BG045525.D

Acq: 29 May 2020 15:57

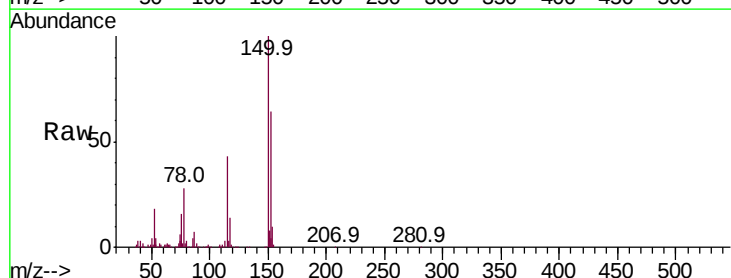
Tgt Ion: 79 Resp: 7410

Ion Ratio Lower Upper

79 100

108 29.8 58.2 87.4#

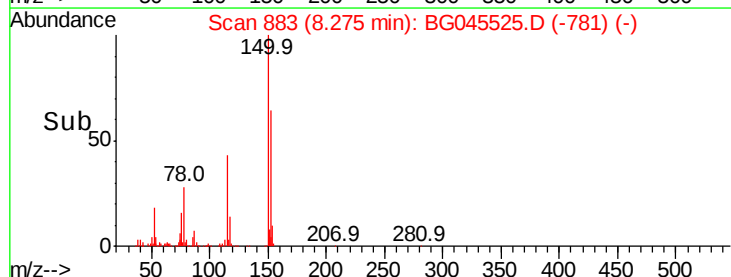
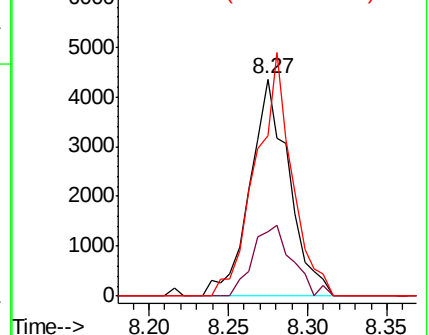
77 74.2 51.0 76.4

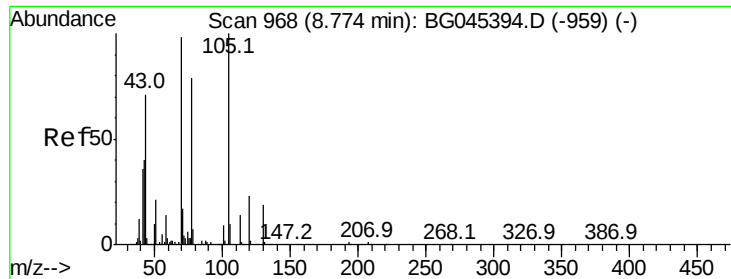


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

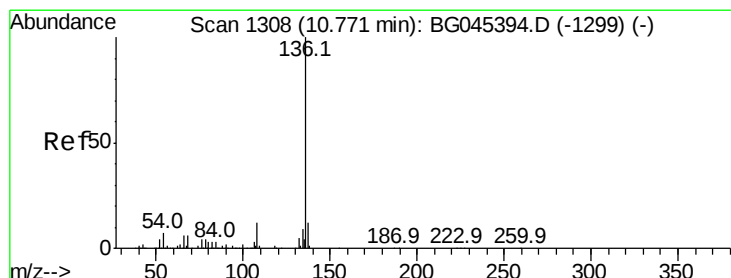
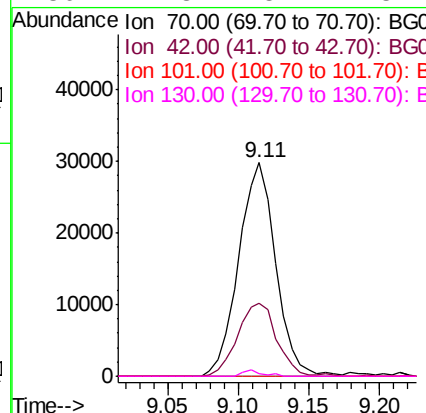
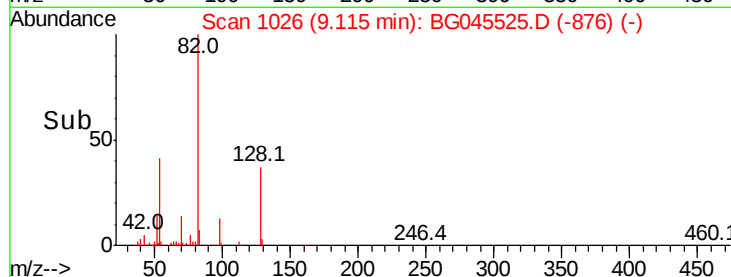
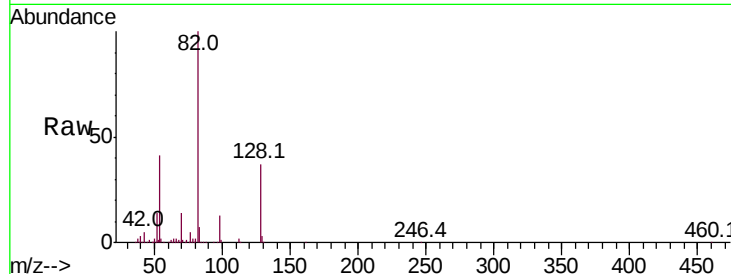




#19
n-Nitroso-di-n-propylamine
Concen: 18.118 ng
RT: 9.11 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG045525.D
Acq: 29 May 2020 15:57

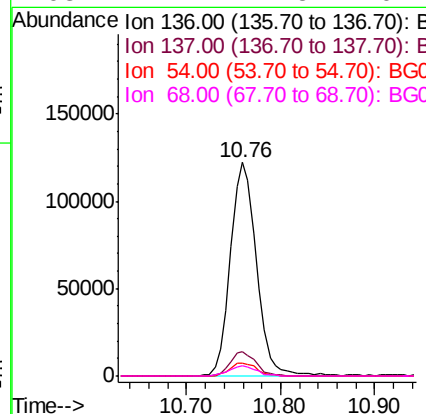
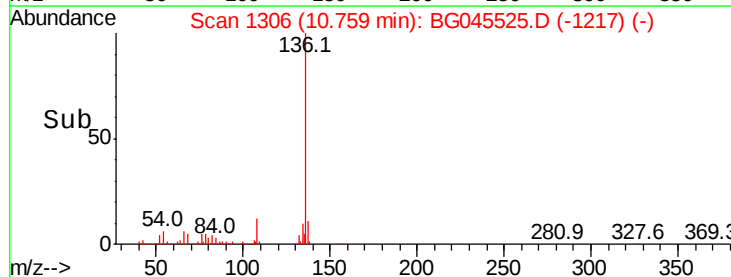
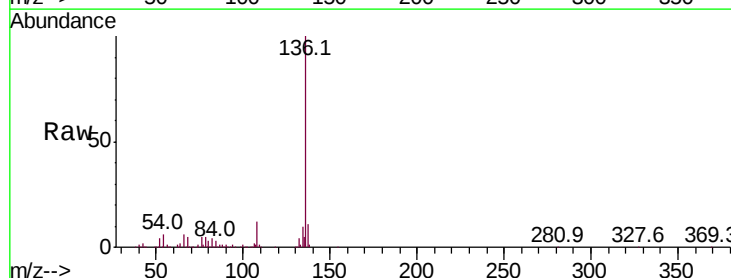
Instrument :
BNA_G
ClientSampleId :
NM-EB-3

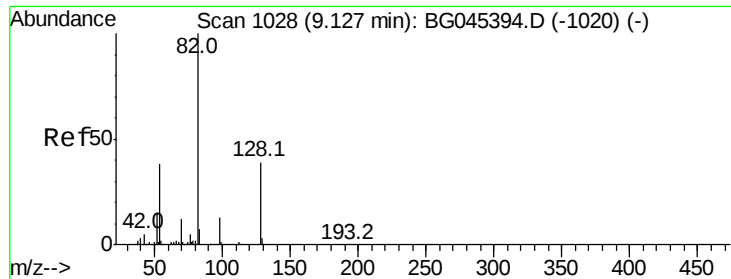
Tot Ion: 70 Resp: 54627
Ion Ratio Lower Upper
70 100
42 34.2 33.2 49.8
101 0.0 7.8 11.6#
130 1.3 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045525.D
Acq: 29 May 2020 15:57

Tgt Ion: 136 Resp: 235668
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 5.9 5.8 8.6
68 4.7 4.5 6.7

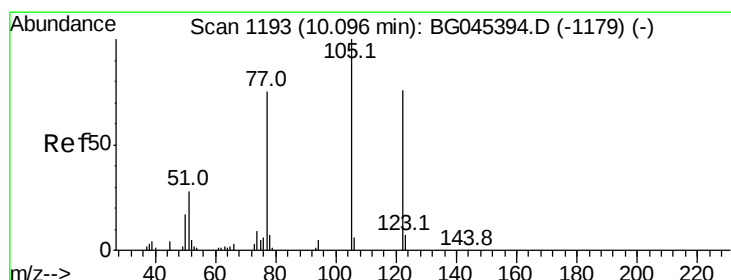
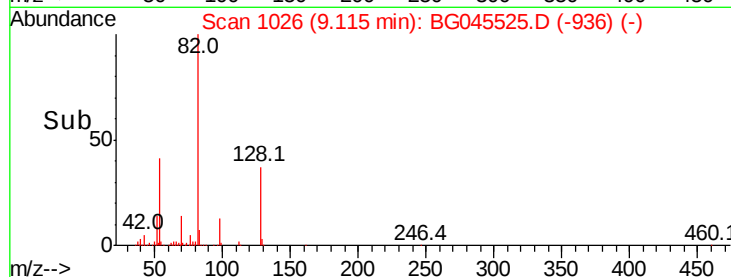
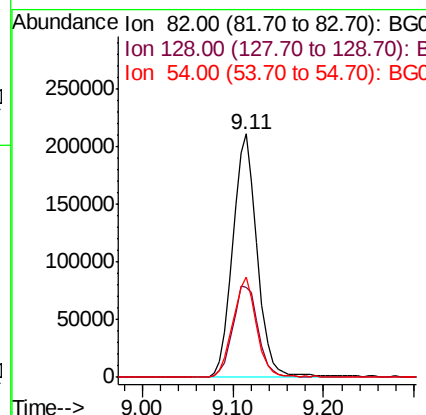
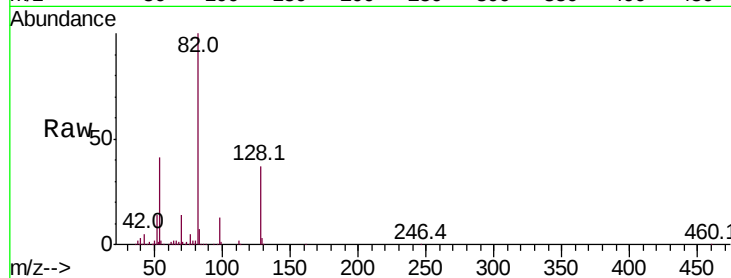




#23
Nitrobenzene-d5
Concen: 91.152 ng
RT: 9.11 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045525.D
Acq: 29 May 2020 15:57

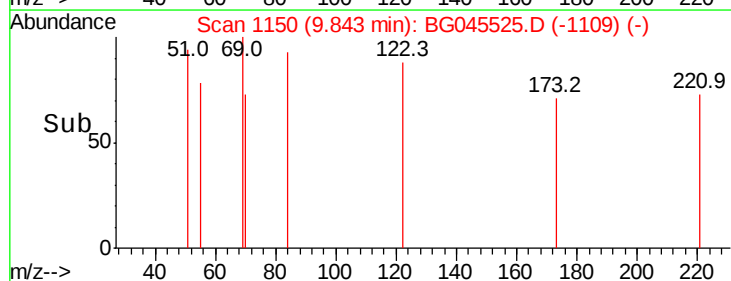
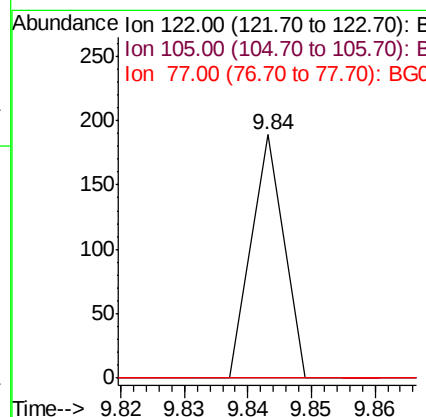
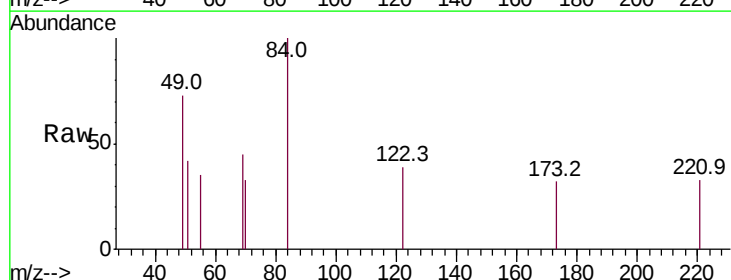
Instrument :
BNA_G
ClientSampleId :
NM-EB-3

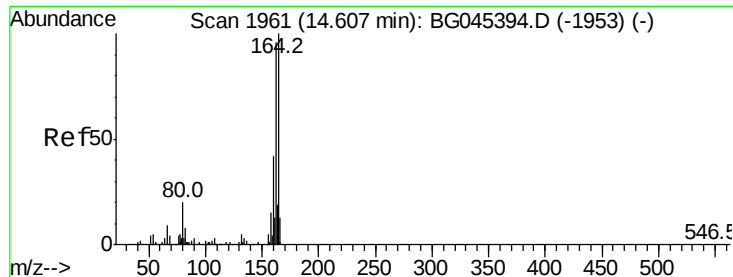
Tot Ion	82	Resp	393931
Ion Ratio	100	Lower	Upper
128	37.1	30.9	46.3
54	41.2	30.3	45.5



#32
Benzoic acid
Concen: 10.049 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.29 min
Lab File: BG045525.D
Acq: 29 May 2020 15:57

Tgt Ion	122	Resp	67
Ion Ratio	100	Lower	Upper
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG045525.D

Acq: 29 May 2020 15:57

Instrument :

BNA_G

ClientSampleId :

NM-EB-3

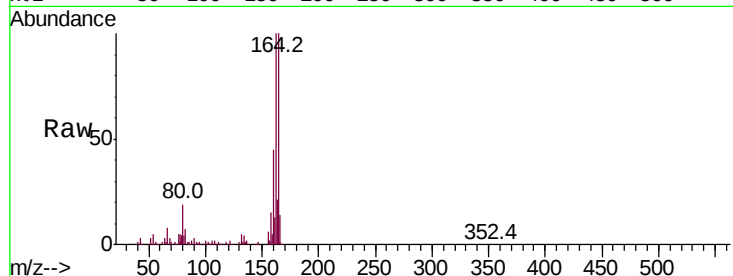
Tot Ion:164 Resp: 165853

Ion Ratio Lower Upper

164 100

162 100.0 76.9 115.3

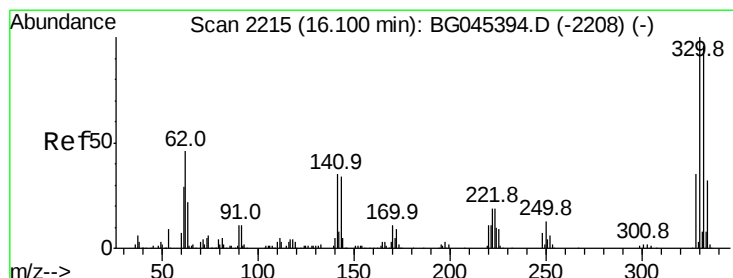
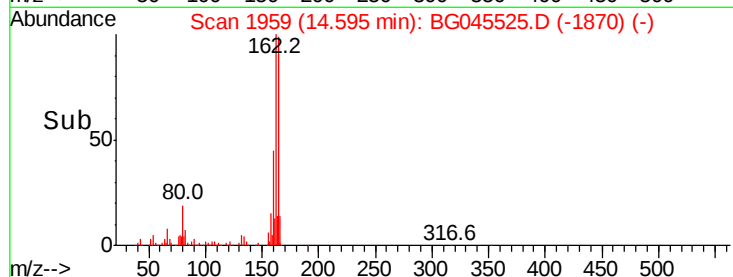
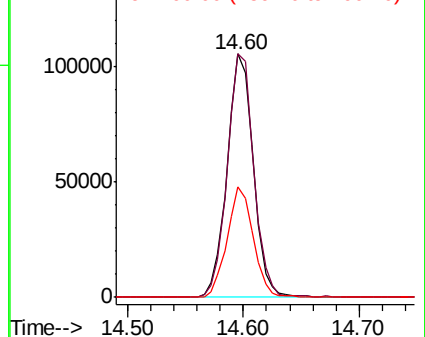
160 45.4 33.8 50.8



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: 147.006 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045525.D

Acq: 29 May 2020 15:57

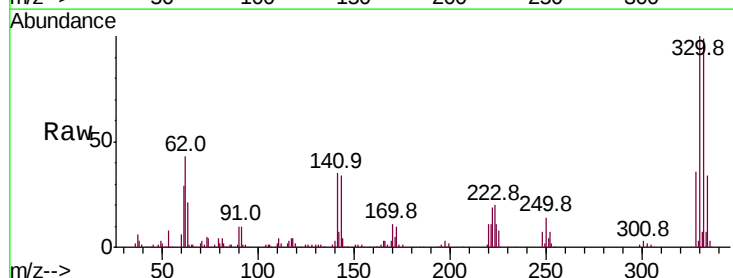
Tgt Ion:330 Resp: 311811

Ion Ratio Lower Upper

330 100

332 98.2 78.2 117.4

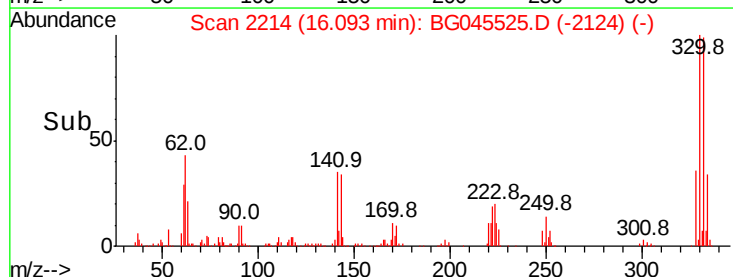
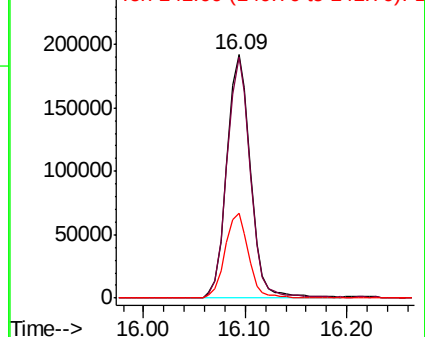
141 34.7 28.2 42.4

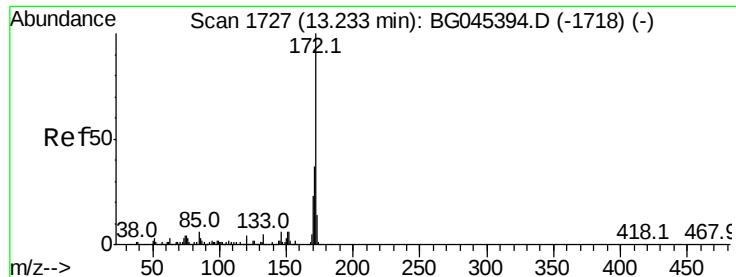


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 93.748 ng

RT: 13.22 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG045525.D

Acq: 29 May 2020 15:57

Instrument :

BNA_G

ClientSampleId :

NM-EB-3

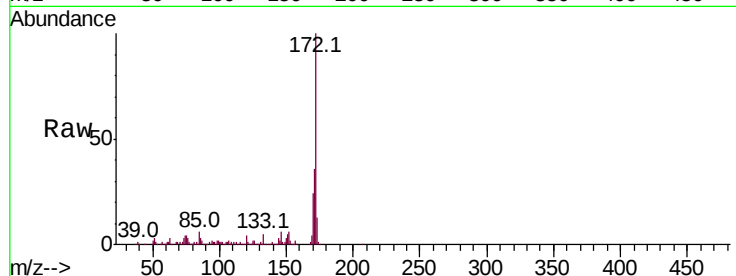
Tot Ion:172 Resp: 916654

Ion Ratio Lower Upper

172 100

171 35.9 29.5 44.3

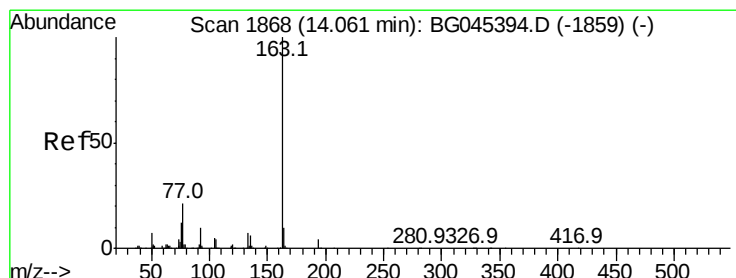
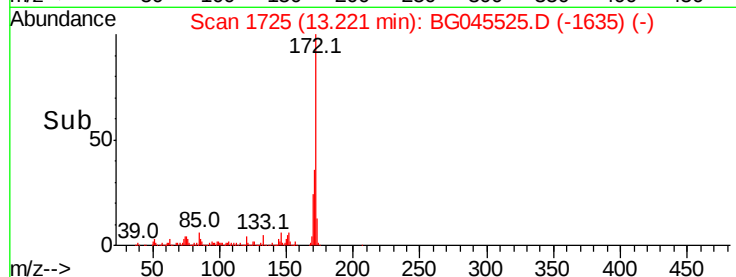
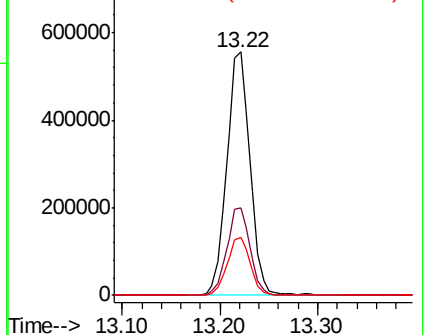
170 23.9 18.5 27.7



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



#50

Dimethylphthalate

Concen: 9.937 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045525.D

Acq: 29 May 2020 15:57

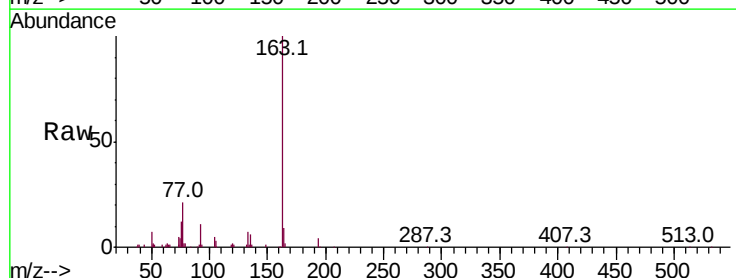
Tgt Ion:163 Resp: 113062

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

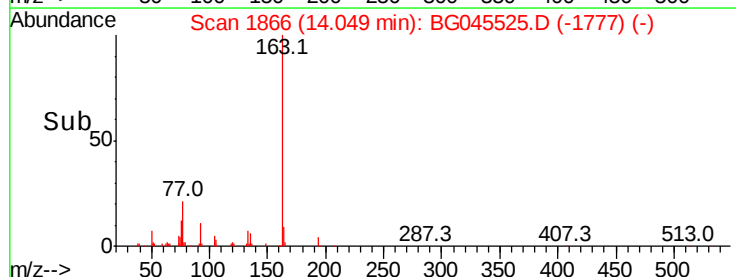
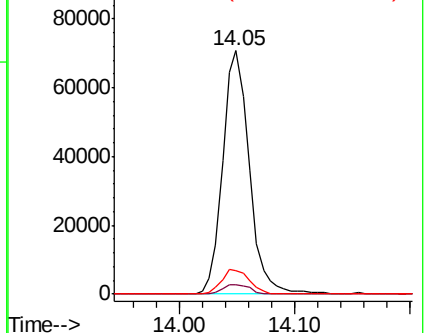
164 9.4 8.3 12.5

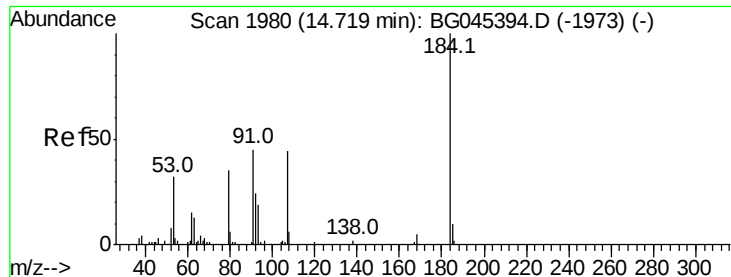


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

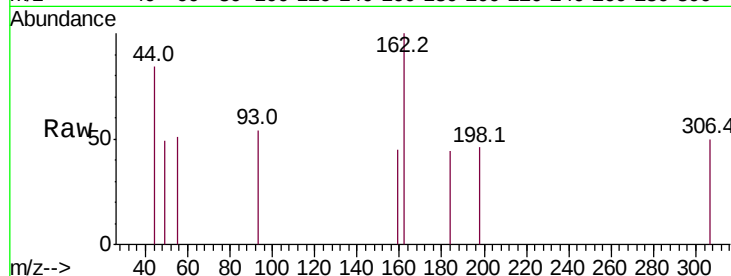




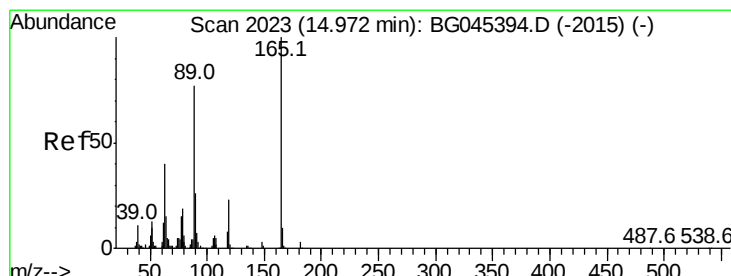
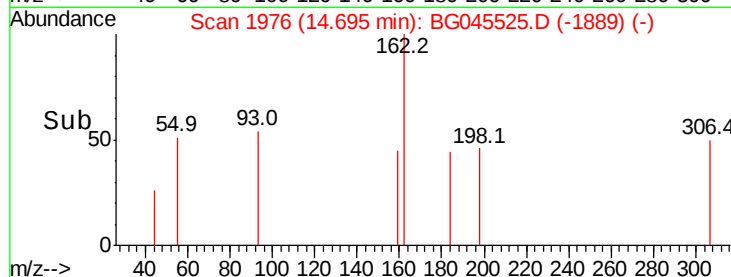
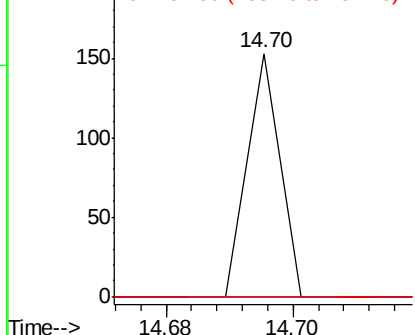
#54
2,4-Dinitrophenol
Concen: 5.489 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BG045525.D
Acq: 29 May 2020 15:57

Instrument :
BNA_G
ClientSampleId :
NM-EB-3

Tot Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 47.8 71.6#
154 0.0 58.3 87.5#

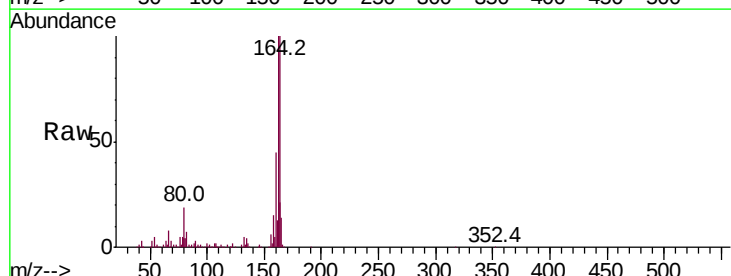


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

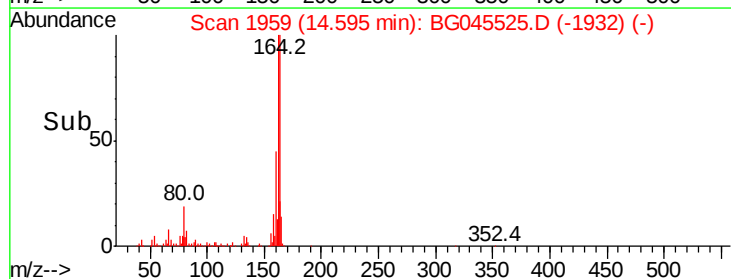
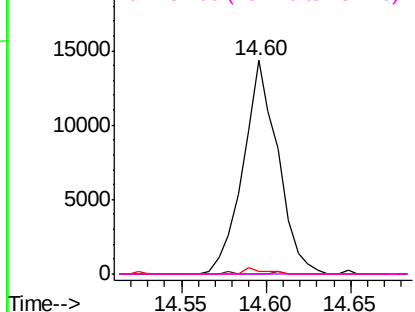


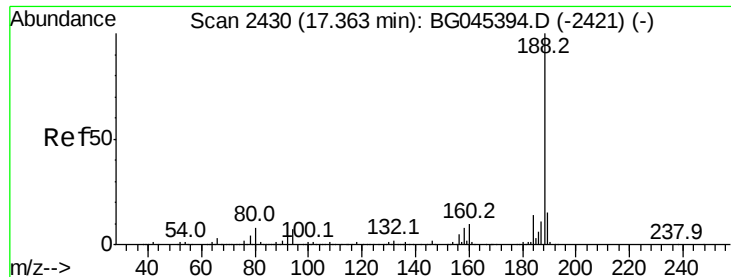
#57
2,4-Dinitrotoluene
Concen: 5.532 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.37 min
Lab File: BG045525.D
Acq: 29 May 2020 15:57

Tgt Ion:165 Resp: 20570
Ion Ratio Lower Upper
165 100
63 0.0 32.5 48.7#
89 1.5 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): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045525.D

Acq: 29 May 2020 15:57

Instrument :

BNA_G

ClientSampleId :

NM-EB-3

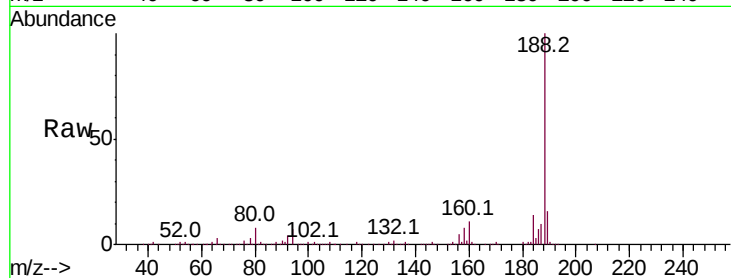
Tot Ion:188 Resp: 396920

Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

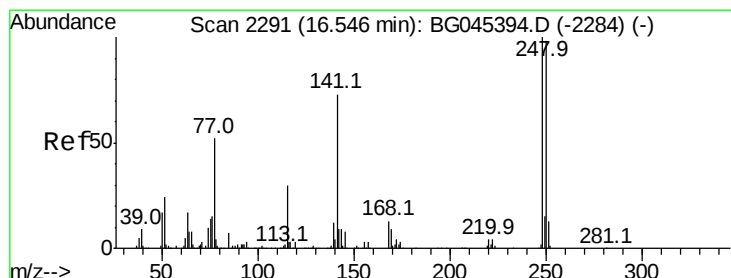
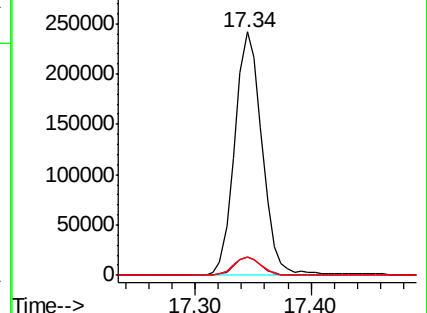
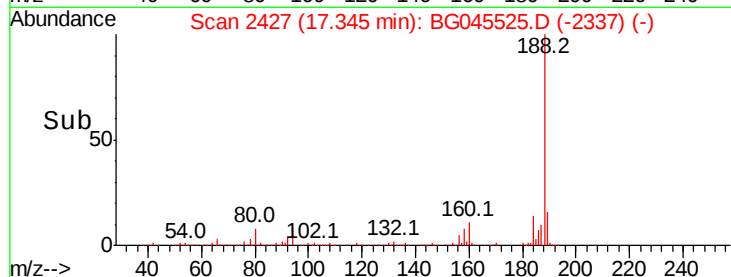
80 7.7 6.6 10.0



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: 4.772 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.44 min

Lab File: BG045525.D

Acq: 29 May 2020 15:57

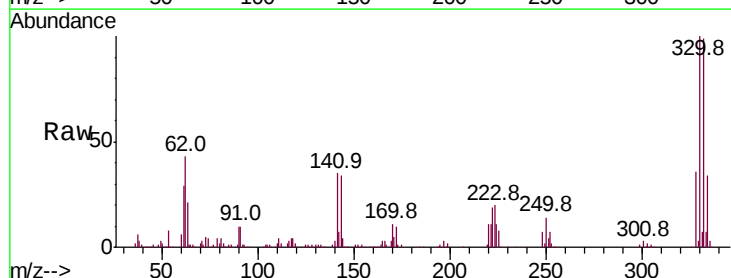
Tgt Ion:248 Resp: 20509

Ion Ratio Lower Upper

248 100

250 204.5 78.6 117.8#

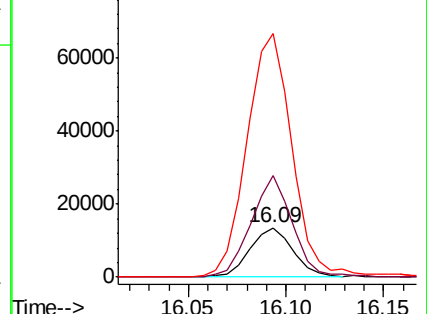
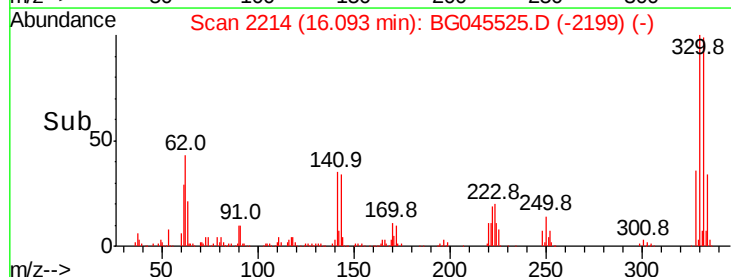
141 492.7 58.2 87.2#

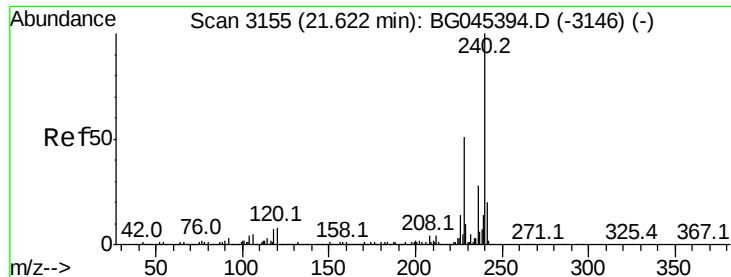


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

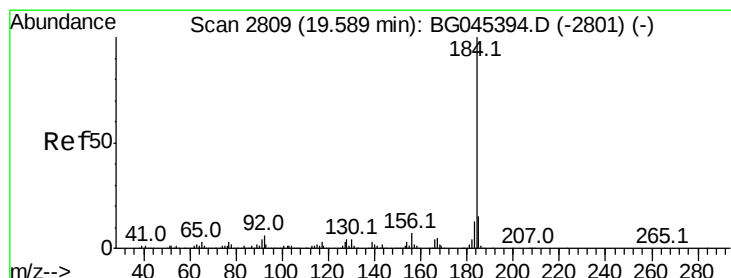
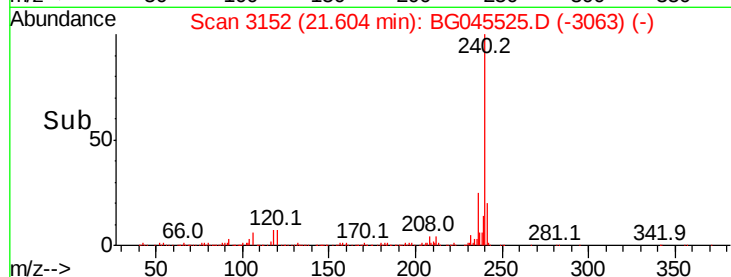
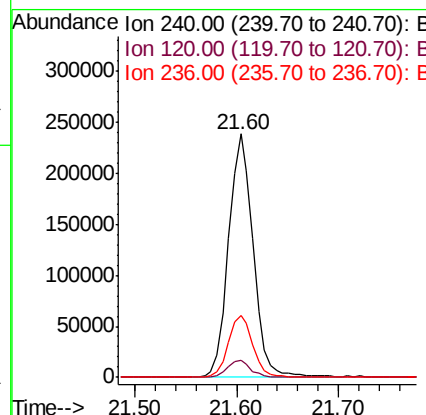
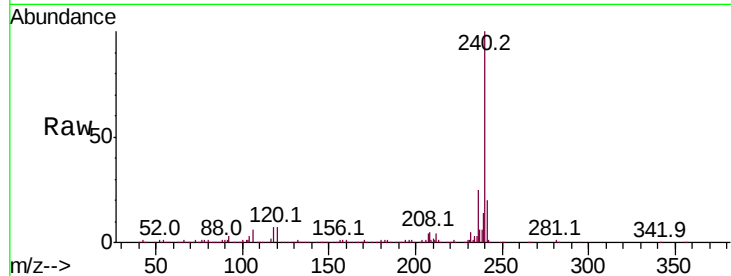




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045525.D
Acq: 29 May 2020 15:57

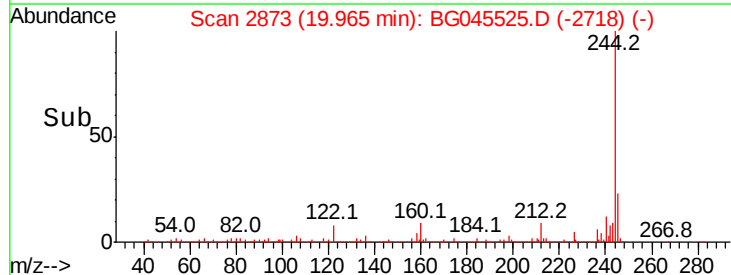
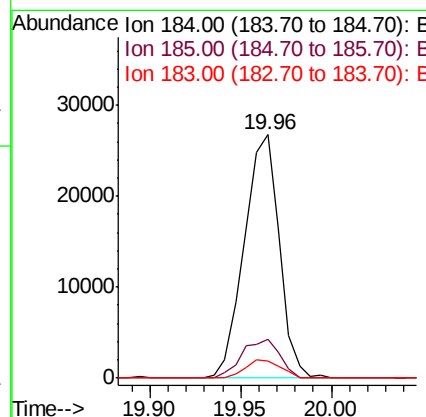
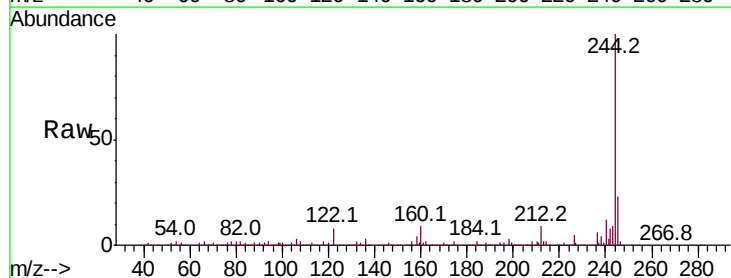
Instrument :
BNA_G
ClientSampleId :
NM-EB-3

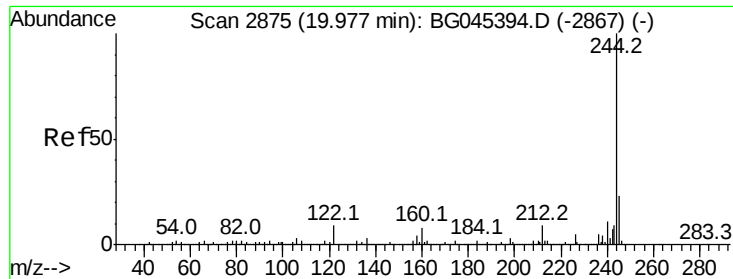
Tot Ion:240 Resp: 402036
Ion Ratio Lower Upper
240 100
120 6.8 6.1 9.1
236 25.2 22.3 33.5



#77
Benzidine
Concen: 3.178 ng
RT: 19.96 min Scan# 2873
Delta R.T. 0.38 min
Lab File: BG045525.D
Acq: 29 May 2020 15:57

Tgt Ion:184 Resp: 35889
Ion Ratio Lower Upper
184 100
185 15.7 11.7 17.5
183 7.0 10.2 15.4#





#79

Terphenyl-d14

Concen: 109.512 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045525.D

Acq: 29 May 2020 15:57

Instrument :

BNA_G

ClientSampleId :

NM-EB-3

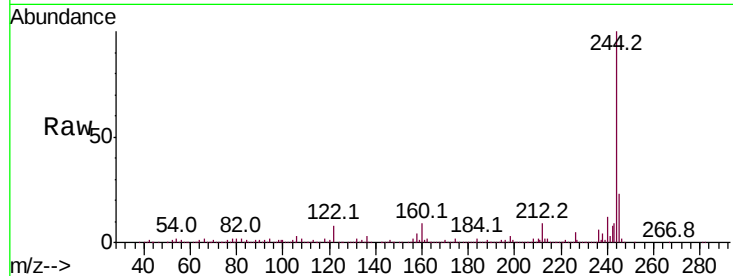
Tot Ion:244 Resp: 1887743

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

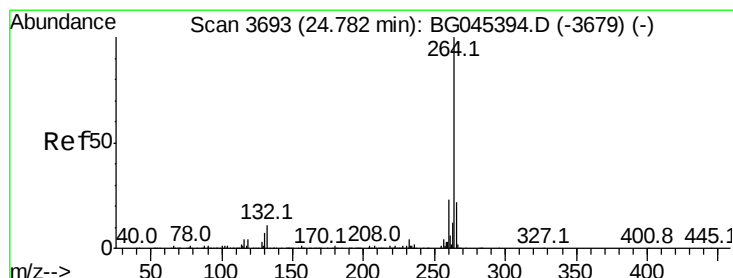
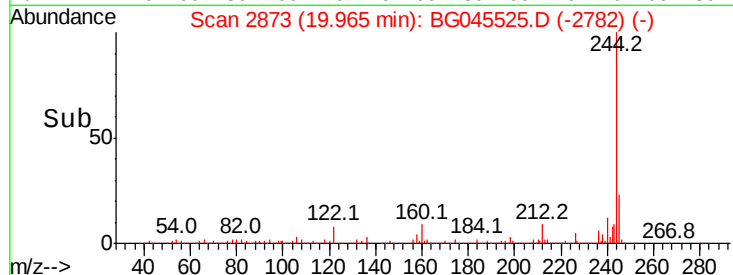
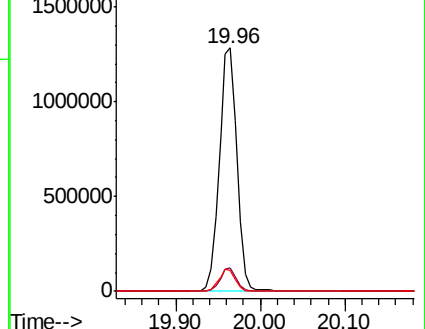
122 8.4 6.8 10.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045525.D

Acq: 29 May 2020 15:57

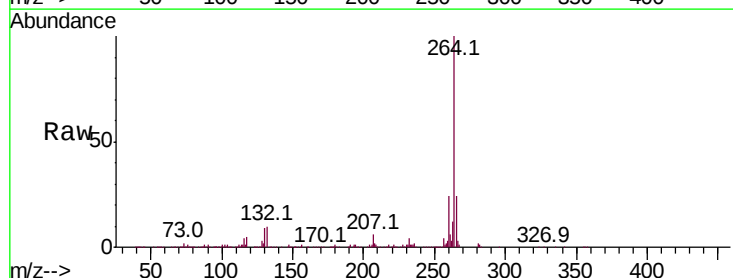
Tgt Ion:264 Resp: 427940

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 24.1 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

