

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045648.D
 Acq On : 8 Jun 2020 18:56
 Operator : CG/JU
 Sample : L2904-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE-2-1

Quant Time: Jun 09 00:49:46 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

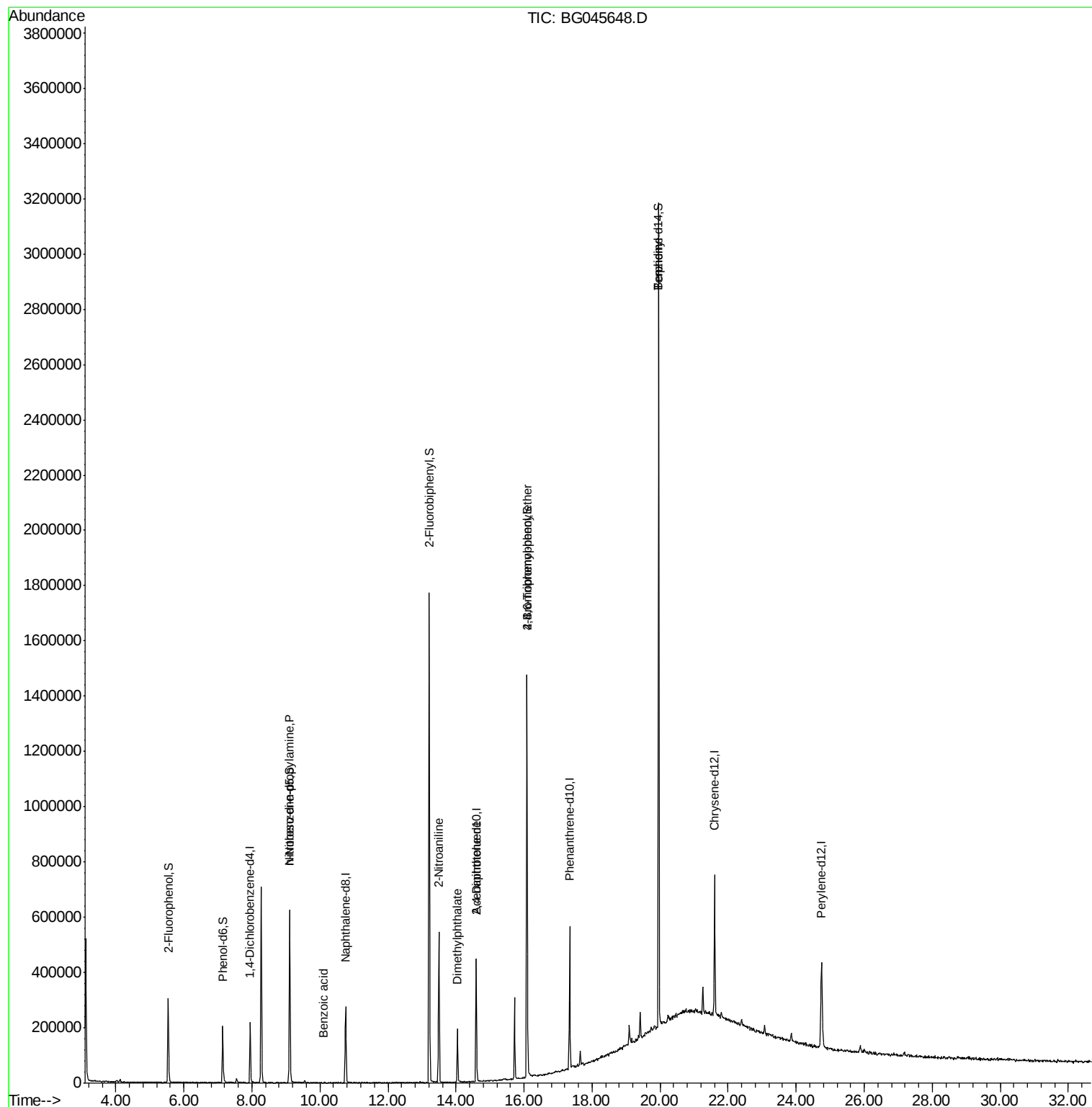
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62528	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	249173	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	167981	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	354587	20.00	ng	0.00
76) Chrysene-d12	21.60	240	335183	20.00	ng	0.00
87) Perylene-d12	24.75	264	358644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	154764	48.37	ng	0.00
7) Phenol-d6	7.14	99	139612	30.66	ng	0.00
23) Nitrobenzene-d5	9.11	82	428440	93.76	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	308719	143.70	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	967538	97.70	ng	0.00
79) Terphenyl-d14	19.96	244	1498654	104.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	59462	18.882	ng	Qvalue # 78
32) Benzoic acid	10.10	122	59	10.045	ng	# 1
48) 2-Nitroaniline	13.50	65	10969	3.978	ng	# 10
50) Dimethylphthalate	14.05	163	136664	11.860	ng	98
57) 2,4-Dinitrotoluene	14.59	165	22375	5.942	ng	# 24
67) 4-Bromophenyl-phenylether	16.08	248	20802	5.418	ng	# 1
77) Benzidine	19.96	184	30338	3.223	ng	# 86

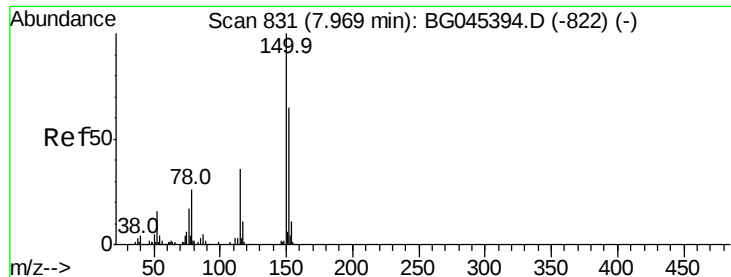
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
Data File : BG045648.D
Acq On : 8 Jun 2020 18:56
Operator : CG/JU
Sample : L2904-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VE-2-1

Quant Time: Jun 09 00:49:46 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



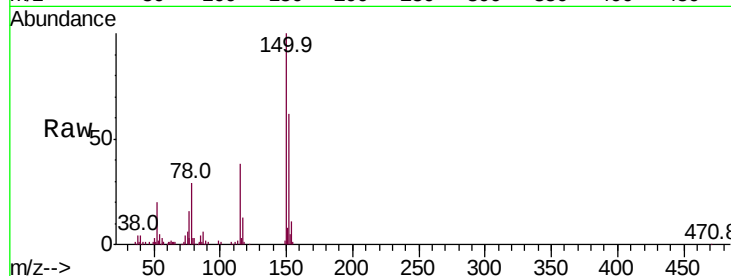


#1

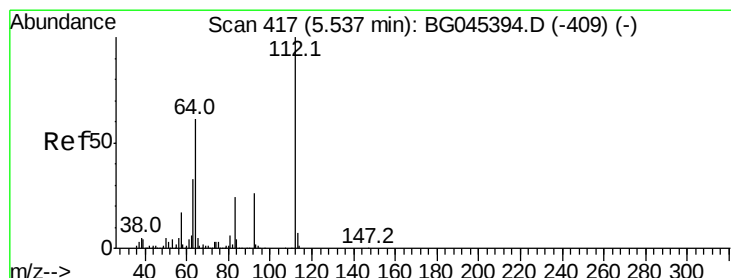
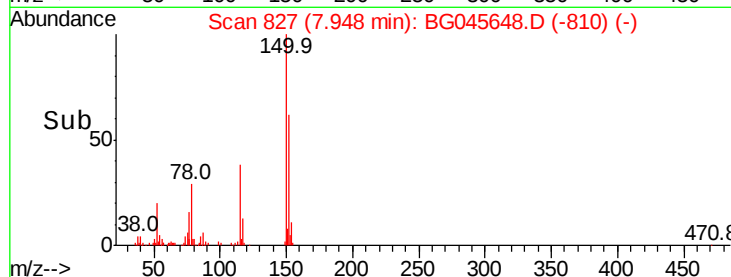
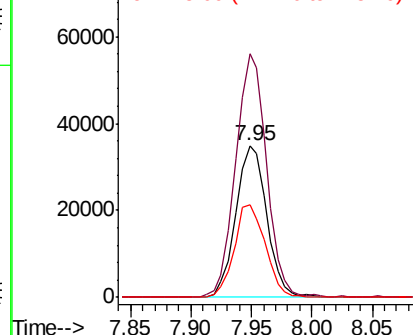
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045648.D
Acq: 8 Jun 2020 18:56

Instrument :
BNA_G
ClientSampleId :
VE-2-1

Tot Ion:152 Resp: 62528
Ion Ratio Lower Upper
152 100
150 160.2 122.4 183.6
115 61.0 44.2 66.4



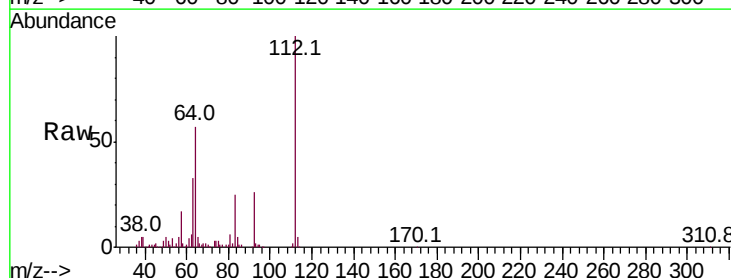
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



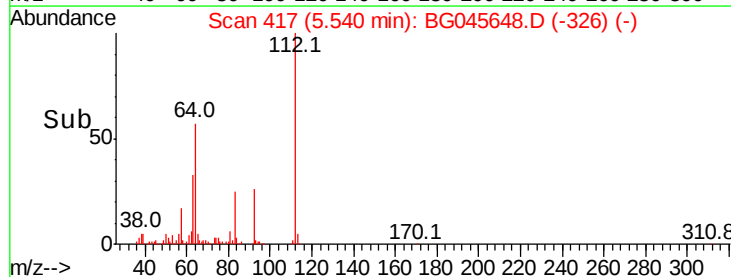
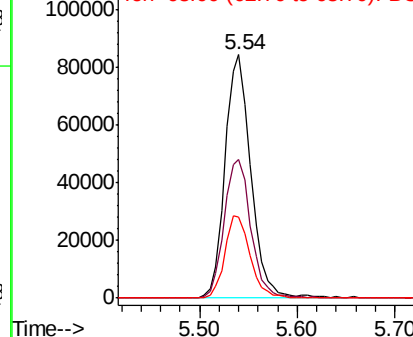
#5

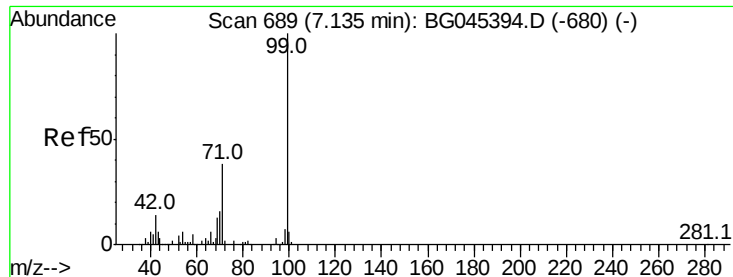
2-Fluorophenol
Concen: 48.371 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045648.D
Acq: 8 Jun 2020 18:56

Tgt Ion:112 Resp: 154764
Ion Ratio Lower Upper
112 100
64 56.9 48.6 72.8
63 33.3 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: 30.658 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

Instrument :

BNA_G

ClientSampled :

VE-2-1

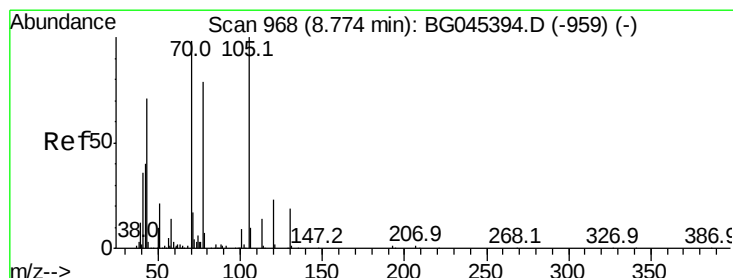
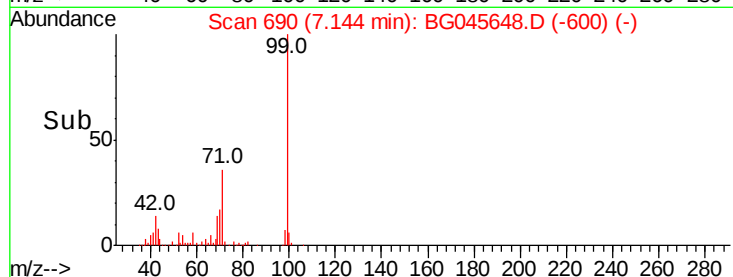
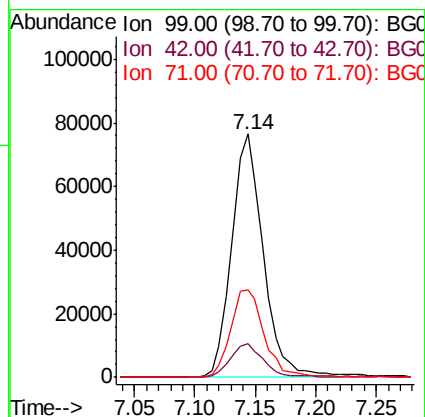
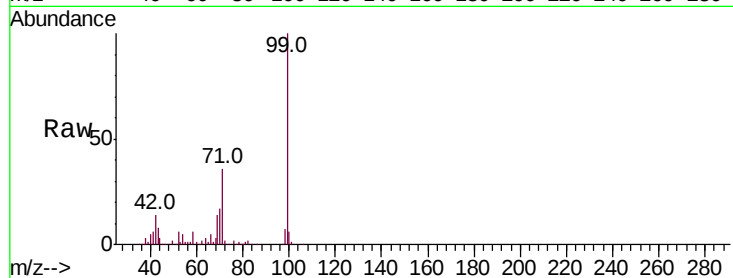
Tot Ion: 99 Resp: 139612

Ion Ratio Lower Upper

99 100

42 13.9 11.3 16.9

71 36.0 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 18.882 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

Tgt Ion: 70 Resp: 59462

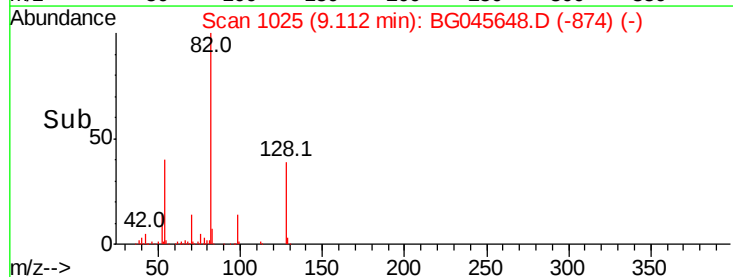
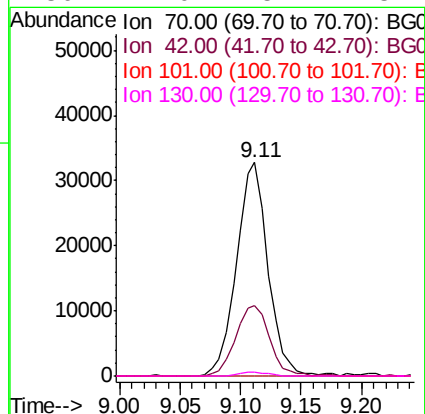
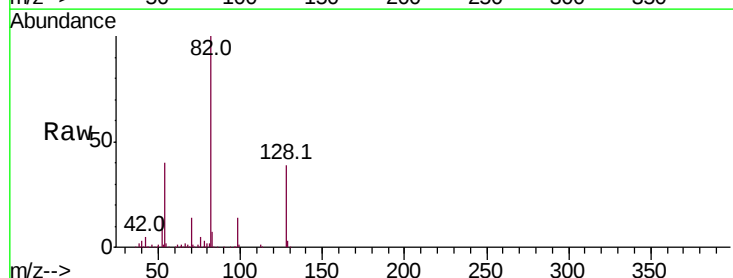
Ion Ratio Lower Upper

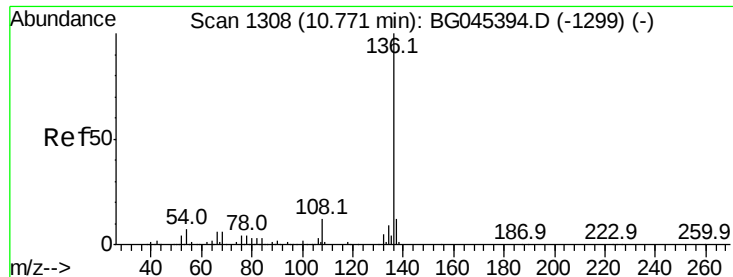
70 100

42 32.9 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: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

Instrument :

BNA_G

ClientSampleId :

VE-2-1

Tot Ion:136 Resp: 249173

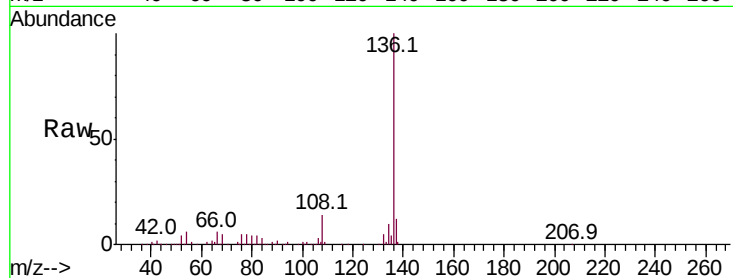
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.2
54	6.1	5.8	8.6
68	5.0	4.5	6.7

136 100

137 11.9 9.4 14.2

54 6.1 5.8 8.6

68 5.0 4.5 6.7

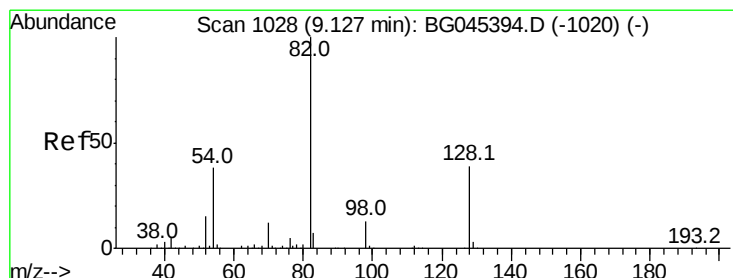
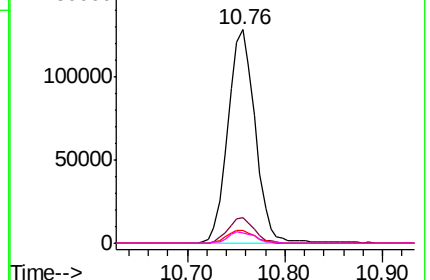
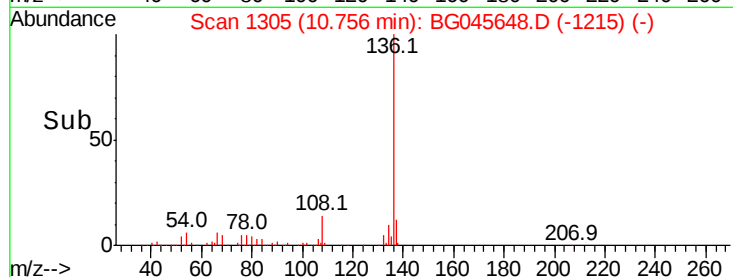


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.764 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

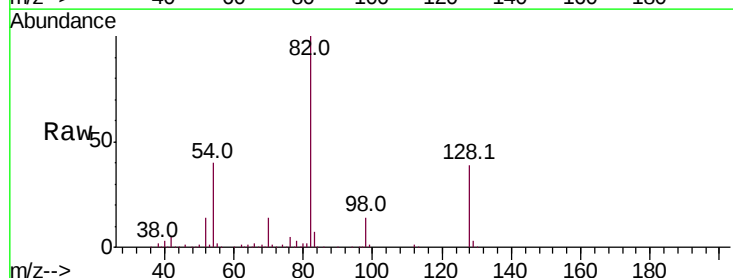
Tgt Ion: 82 Resp: 428440

Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.9	46.3
54	39.8	30.3	45.5

82 100

128 38.6 30.9 46.3

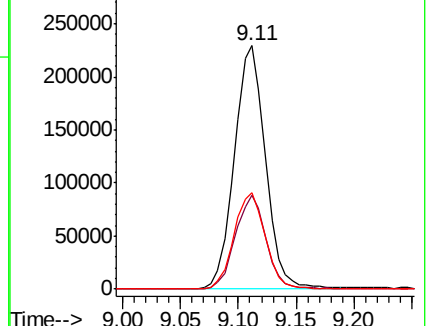
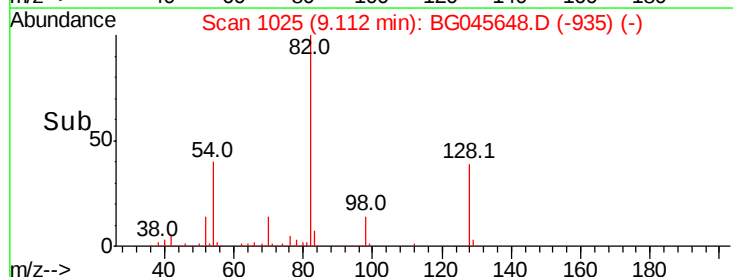
54 39.8 30.3 45.5

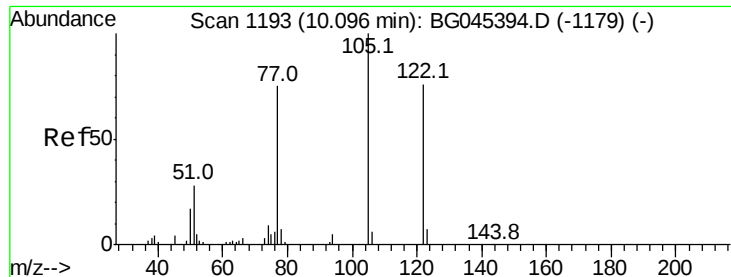


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 10.045 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

Instrument :

BNA_G

ClientSampleId :

VE-2-1

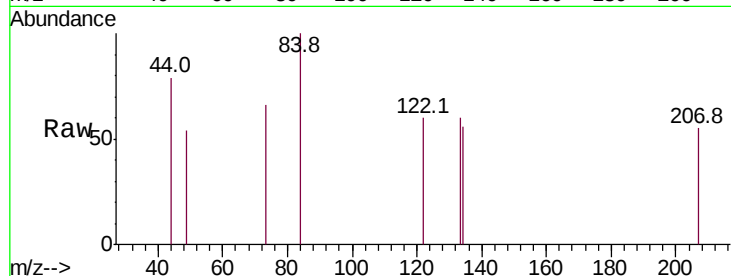
Tot Ion:122 Resp: 59

Ion Ratio Lower Upper

122 100

105 0.0 107.9 147.9#

77 0.0 78.9 118.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

10.10

150

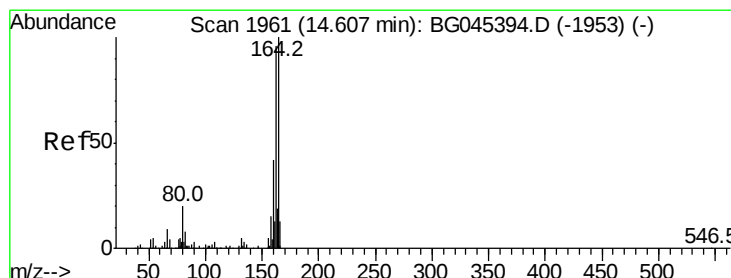
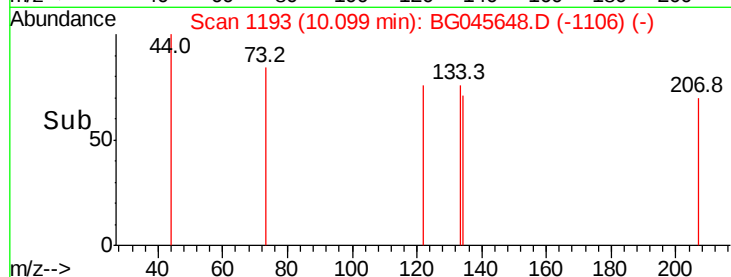
100

50

0

10.08 10.10

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

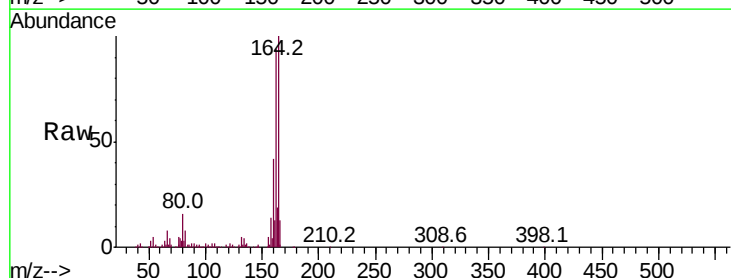
Tgt Ion:164 Resp: 167981

Ion Ratio Lower Upper

164 100

162 93.6 76.9 115.3

160 41.5 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

14.59

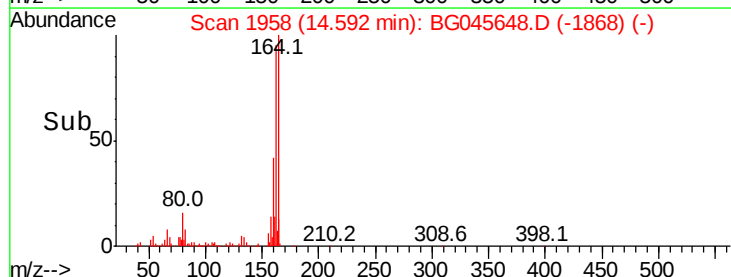
100000

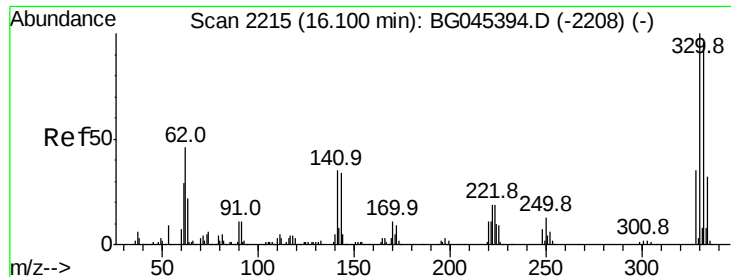
50000

0

14.50 14.60 14.70

Time-->





#42

2,4,6-Tribromophenol

Concen: 143.705 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

Instrument :

BNA_G

ClientSampleId :

VE-2-1

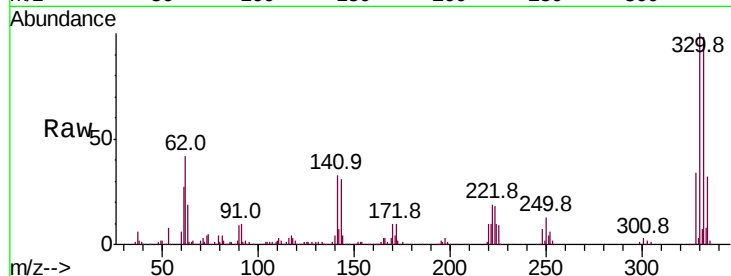
Tot Ion:330 Resp: 308719

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.4

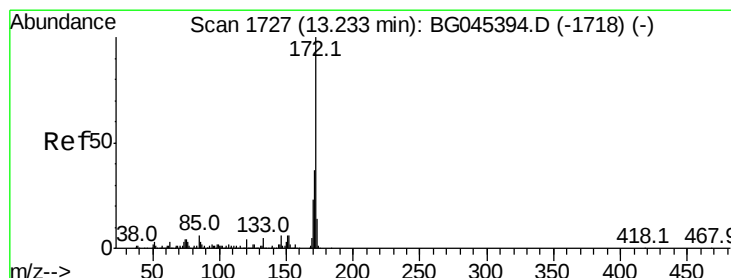
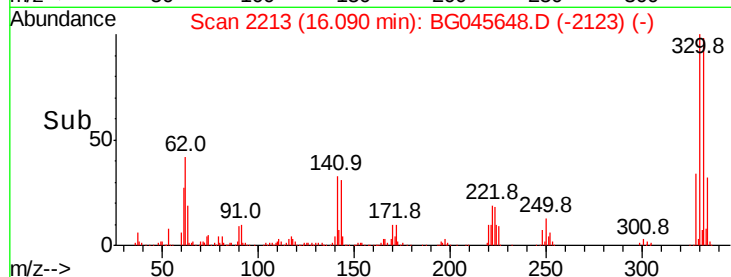
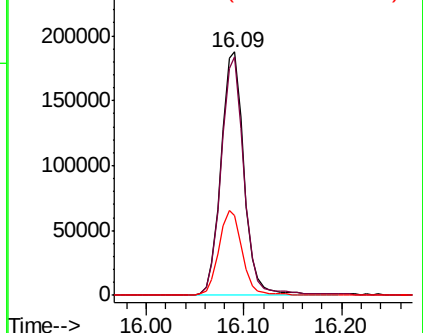
141 35.0 28.2 42.4



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: 97.698 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

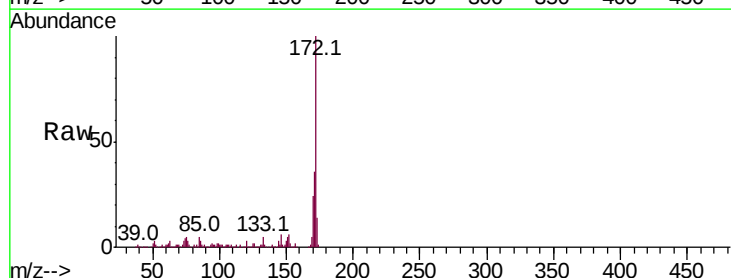
Tgt Ion:172 Resp: 967538

Ion Ratio Lower Upper

172 100

171 36.3 29.5 44.3

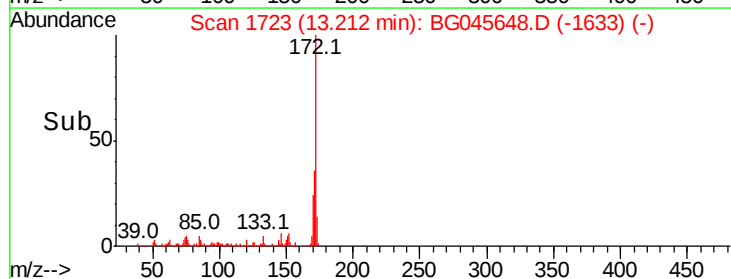
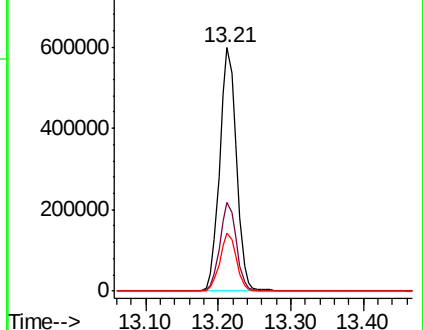
170 23.6 18.5 27.7

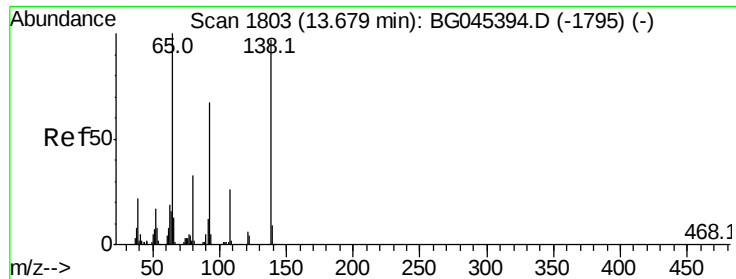


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

2-Nitroaniline

Concen: 3.978 ng

RT: 13.50 min Scan# 1772

Delta R.T. -0.18 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

Instrument :

BNA_G

ClientSampleId :

VE-2-1

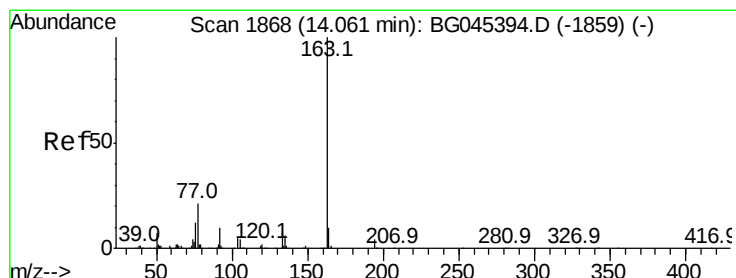
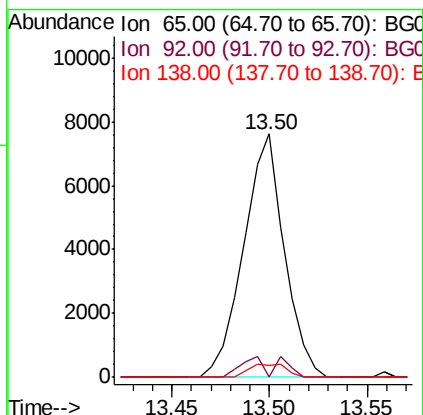
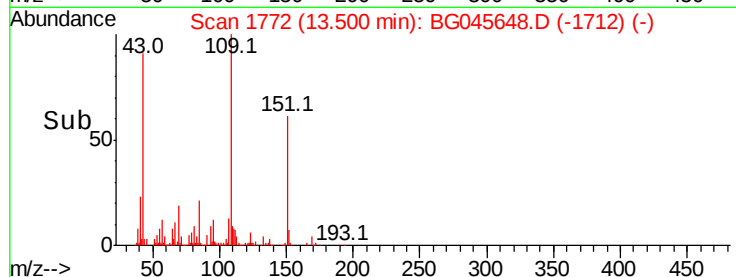
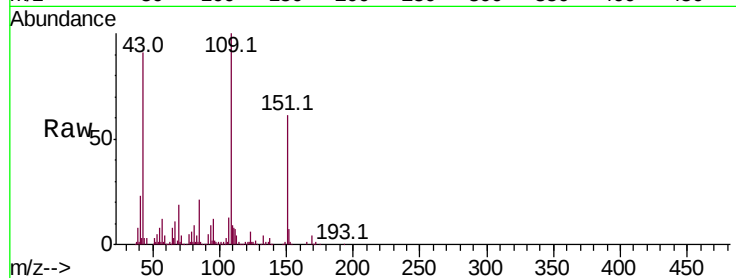
Tot Ion: 65 Resp: 10969

Ion Ratio Lower Upper

65 100

92 0.0 53.8 80.8#

138 5.0 77.9 116.9#



#50

Dimethylphthalate

Concen: 11.860 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

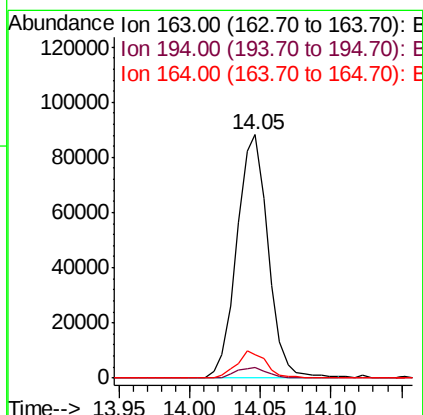
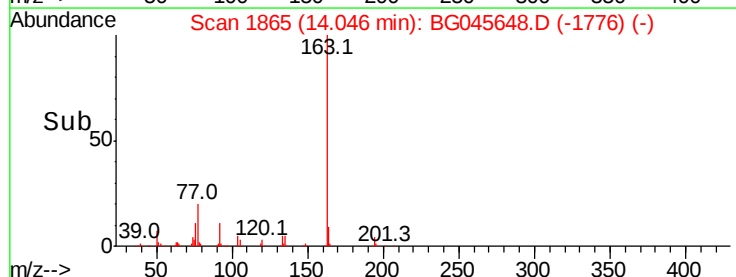
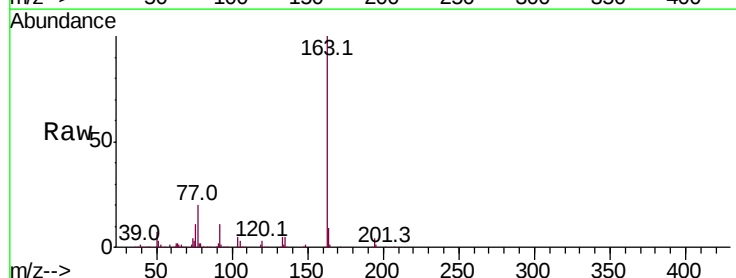
Tgt Ion: 163 Resp: 136664

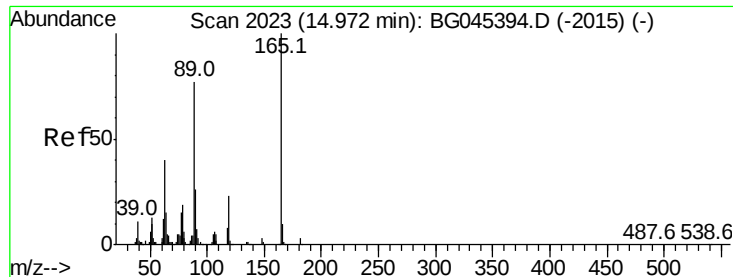
Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 9.5 8.3 12.5

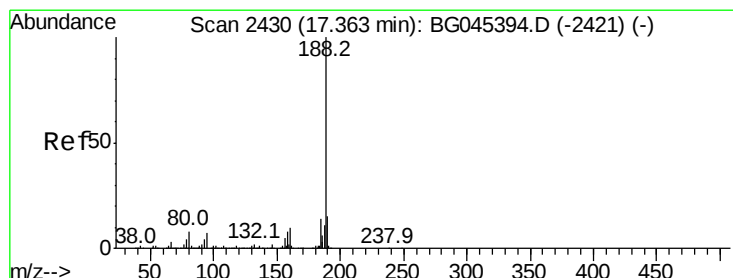
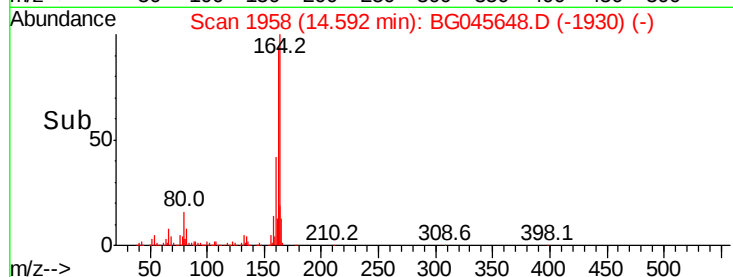
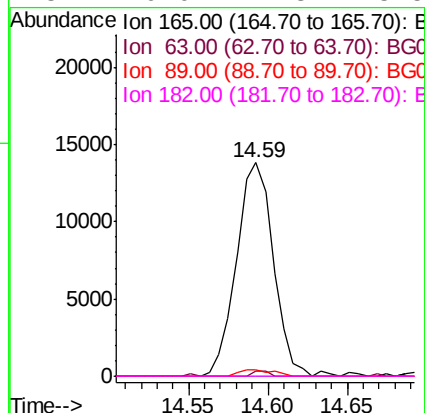
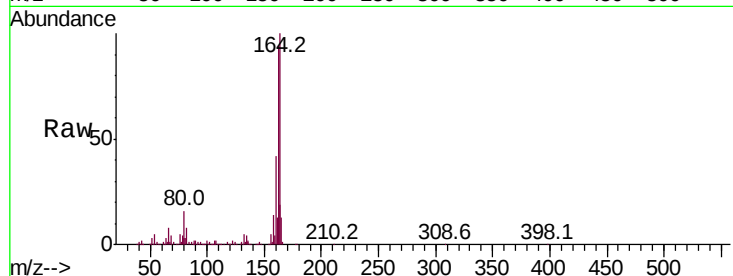




#57
2,4-Dinitrotoluene
Concen: 5.942 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045648.D
Acq: 8 Jun 2020 18:56

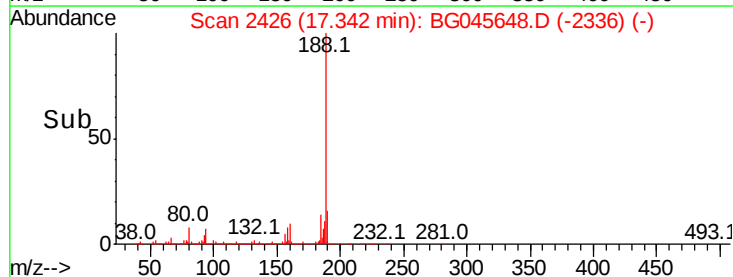
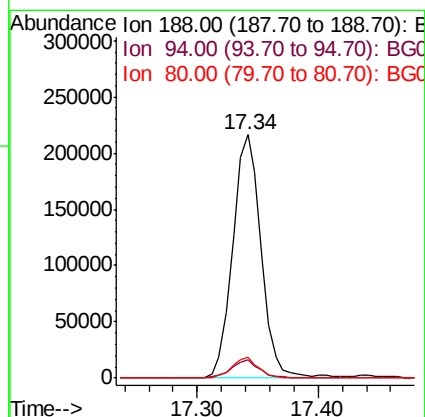
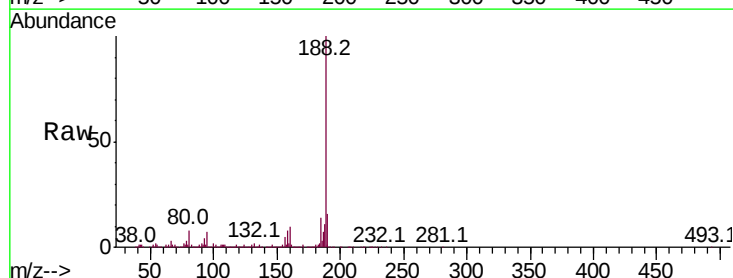
Instrument :
BNA_G
ClientSampleId :
VE-2-1

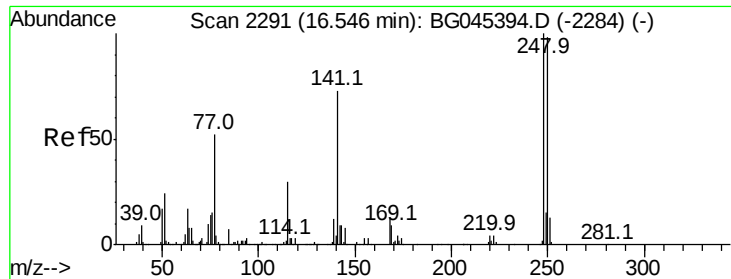
Tot Ion:165 Resp: 22375
Ion Ratio Lower Upper
165 100
63 2.6 32.5 48.7#
89 3.0 61.8 92.6#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045648.D
Acq: 8 Jun 2020 18:56

Tgt Ion:188 Resp: 354587
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.4 6.6 10.0

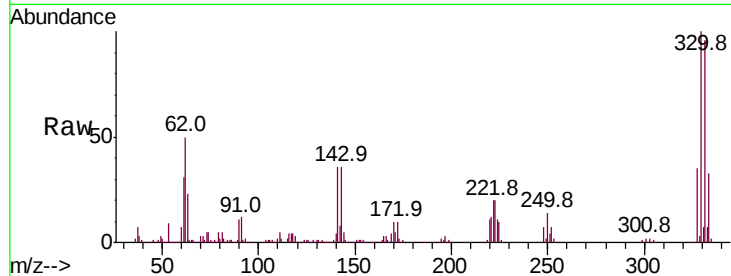




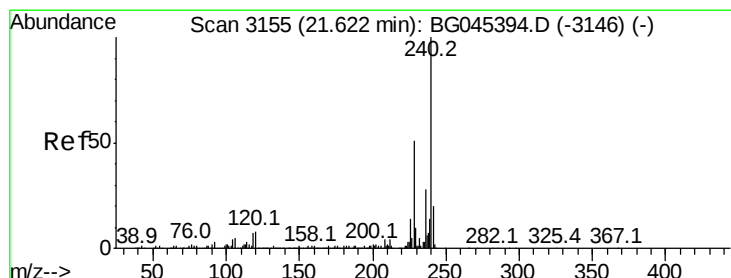
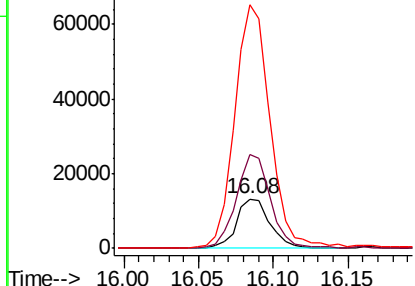
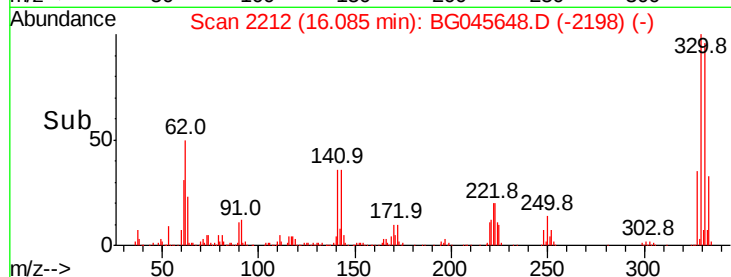
#67
 4-Bromophenyl-phenylether
 Concen: 5.418 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.45 min
 Lab File: BG045648.D
 Acq: 8 Jun 2020 18:56

Instrument :
 BNA_G
 ClientSampleId :
 VE-2-1

Tot Ion:248 Resp: 20802
 Ion Ratio Lower Upper
 248 100
 250 189.3 78.6 117.8#
 141 493.8 58.2 87.2#

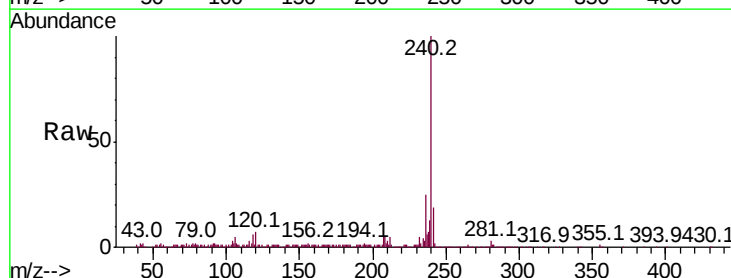


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

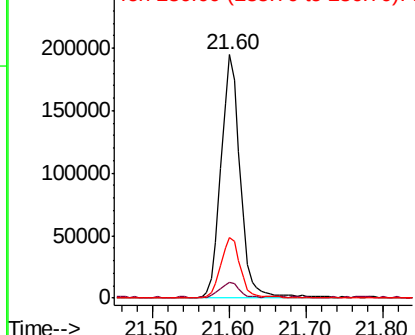
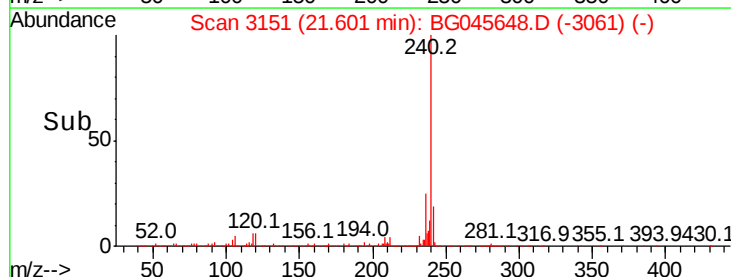


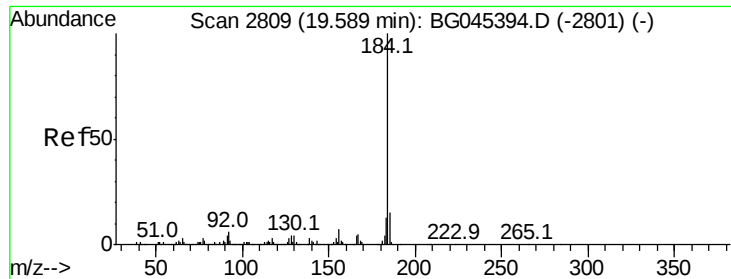
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG045648.D
 Acq: 8 Jun 2020 18:56

Tgt Ion:240 Resp: 335183
 Ion Ratio Lower Upper
 240 100
 120 6.6 6.1 9.1
 236 25.0 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





#77

Benzidine

Concen: 3.223 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

Instrument :

BNA_G

ClientSampleId :

VE-2-1

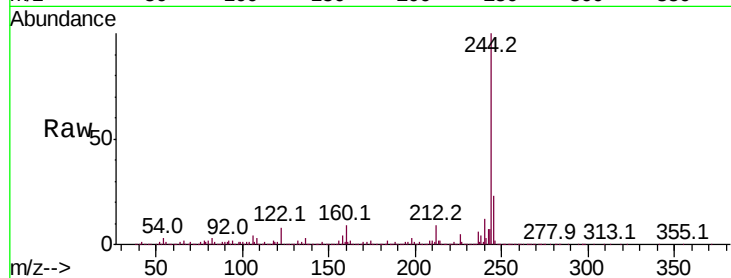
Tot Ion:184 Resp: 30338

Ion Ratio Lower Upper

184 100

185 21.5 11.7 17.5#

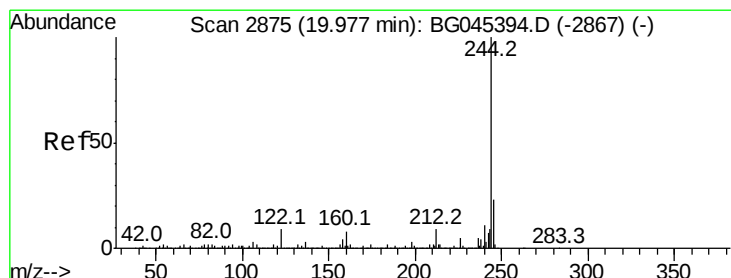
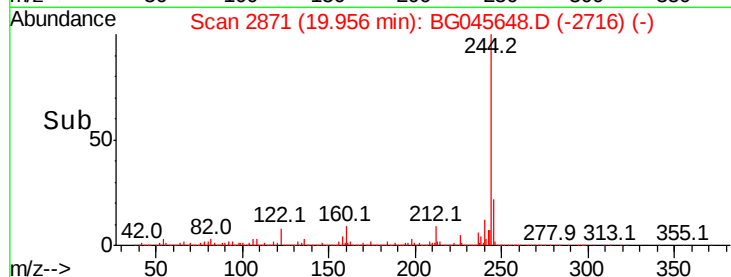
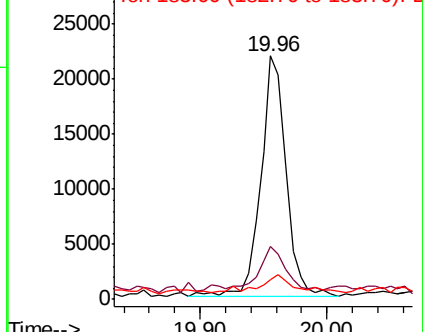
183 8.2 10.2 15.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 104.281 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

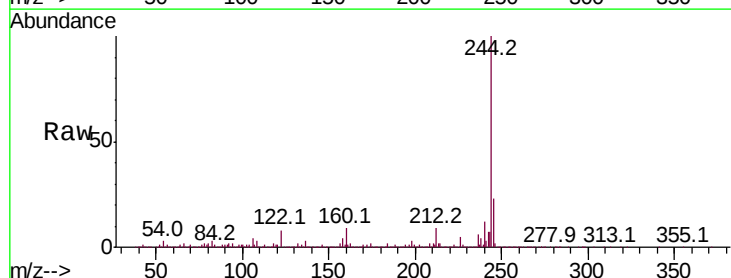
Tgt Ion:244 Resp: 1498654

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

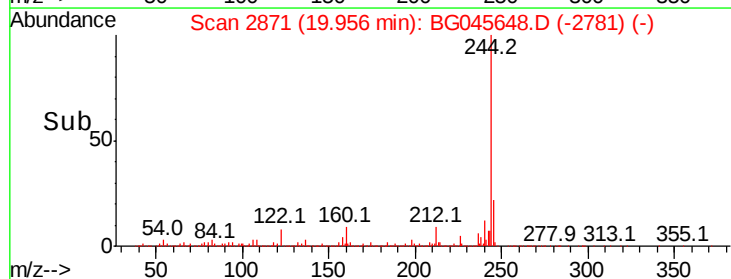
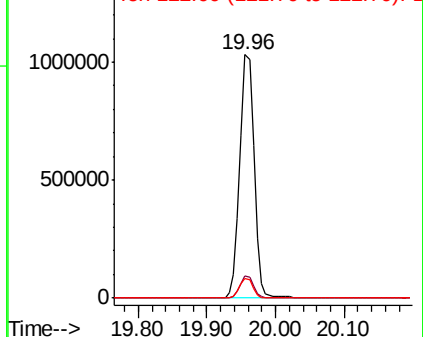
122 8.2 6.8 10.2

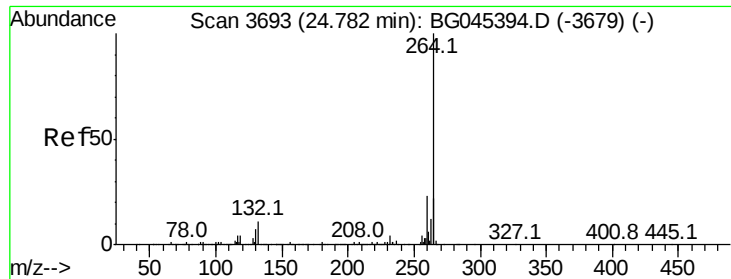


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

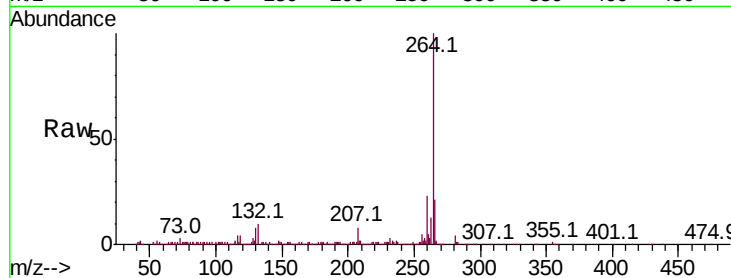




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.75 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: BG045648.D
 Acq: 8 Jun 2020 18:56

Instrument :
 BNA_G
 ClientSampleId :
 VE-2-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	20.7	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

