

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052120\
 Data File : BG045440.D
 Acq On : 21 May 2020 15:01
 Operator : CG/JU
 Sample : PB129042BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BL

Quant Time: May 21 15:38:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

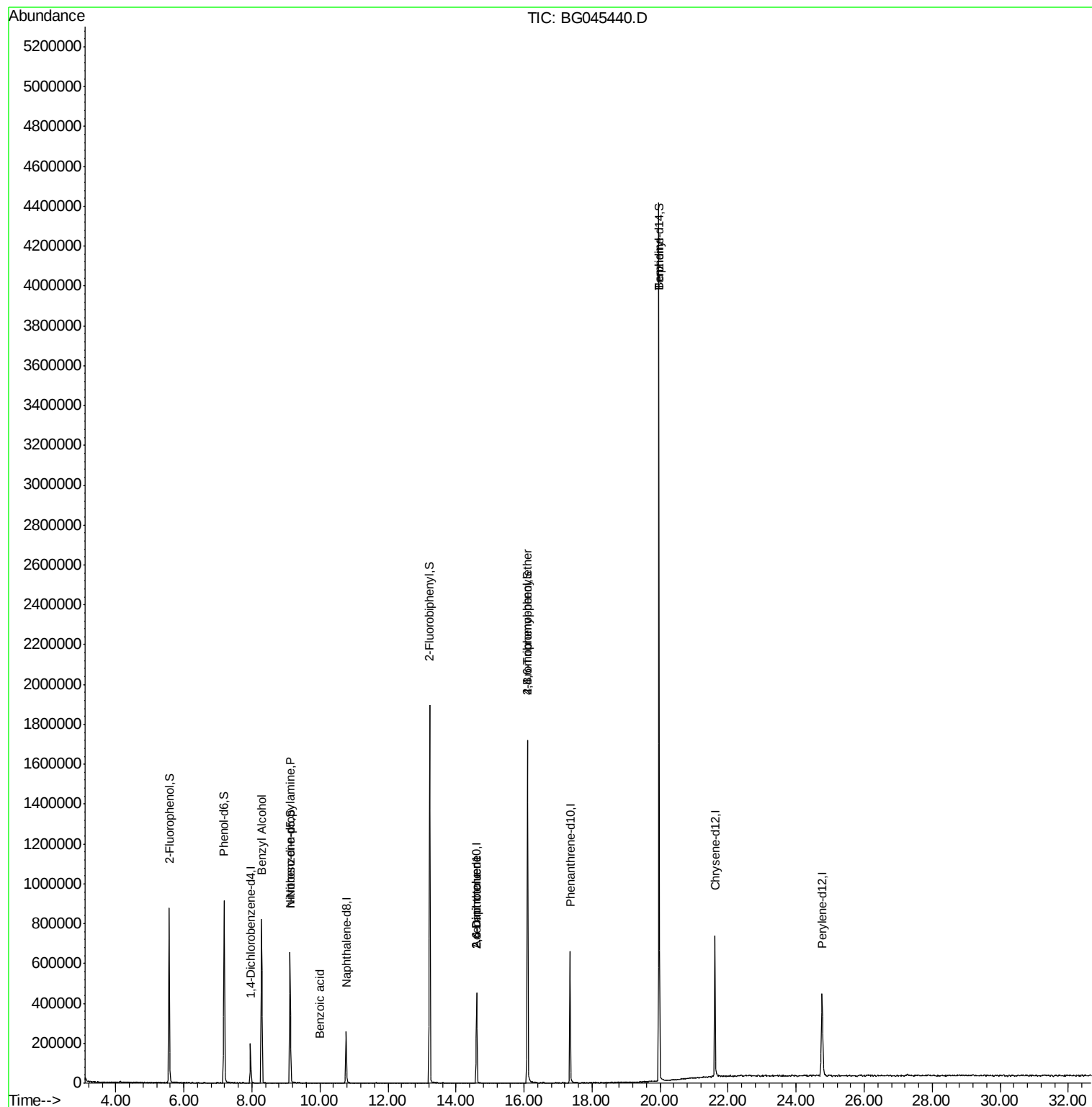
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	58298	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	236344	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	176644	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	423475	20.00	ng	0.00
76) Chrysene-d12	21.61	240	457681	20.00	ng	0.00
87) Perylene-d12	24.76	264	479599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	437865	146.78	ng	0.00
7) Phenol-d6	7.18	99	618923	145.77	ng	0.00
23) Nitrobenzene-d5	9.12	82	438471	101.17	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	359304	159.05	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1062595	102.03	ng	0.00
79) Terphenyl-d14	19.97	244	2083473	106.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	7029	2.004	ng	# 62
19) n-Nitroso-di-n-propylamine	9.12	70	58853	20.045	ng	# 79
32) Benzoic acid	9.99	122	61	10.047	ng	# 1
51) 2,6-Dinitrotoluene	14.60	165	22298	8.155	ng	# 23
57) 2,4-Dinitrotoluene	14.60	165	22298	5.631	ng	# 23
67) 4-Bromophenyl-phenylether	16.10	248	25504	5.562	ng	# 1
77) Benzidine	19.97	184	39359	3.062	ng	# 91

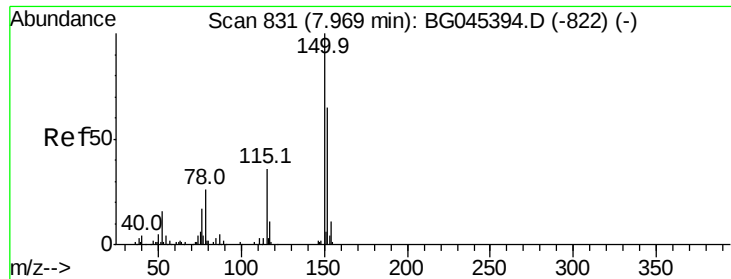
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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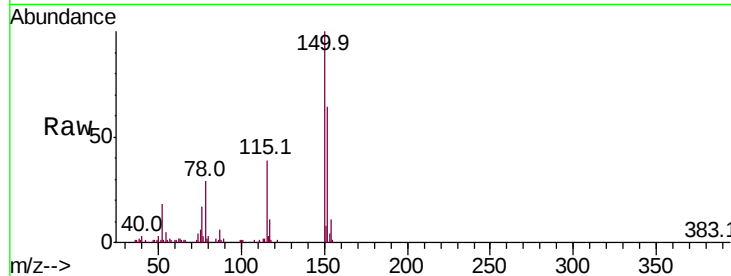


#1

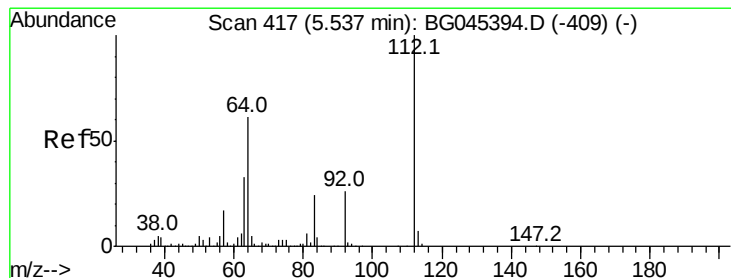
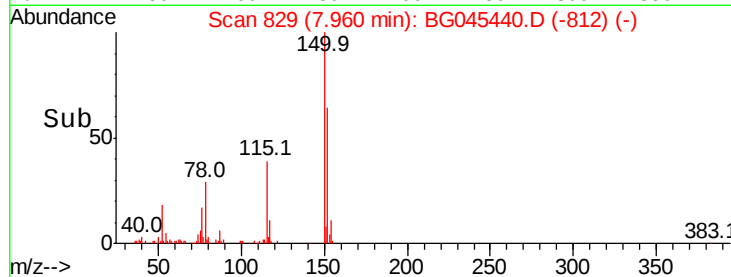
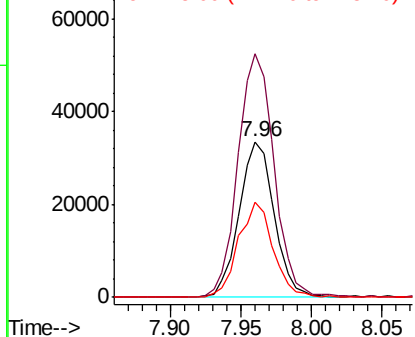
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045440.D
Acq: 21 May 2020 15:01

Instrument :
BNA_G
ClientSampleId :
PB129042BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.4	183.6
115	60.9	44.2	66.4



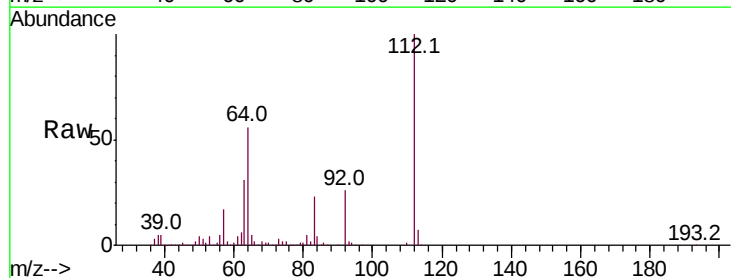
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



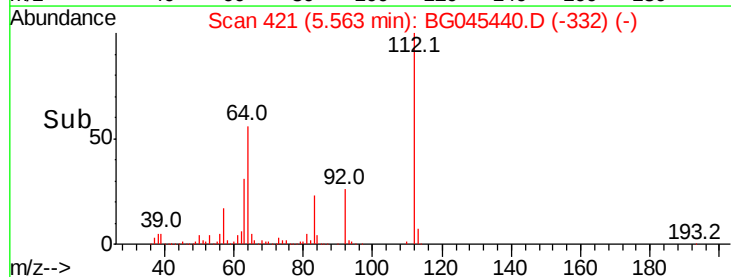
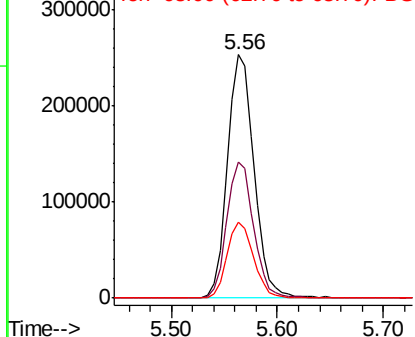
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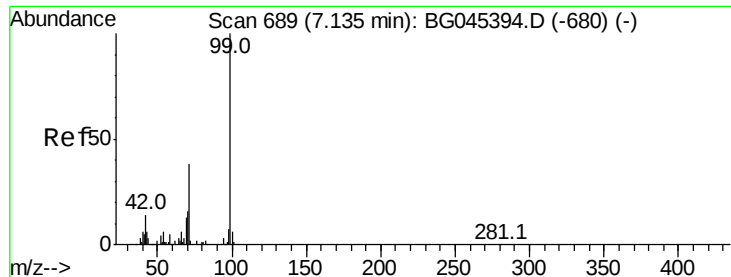
2-Fluorophenol
Concen: 146.783 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.01 min
Lab File: BG045440.D
Acq: 21 May 2020 15:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	48.6	72.8
63	31.2	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: 145.773 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

Instrument :

BNA_G

ClientSampleId :

PB129042BL

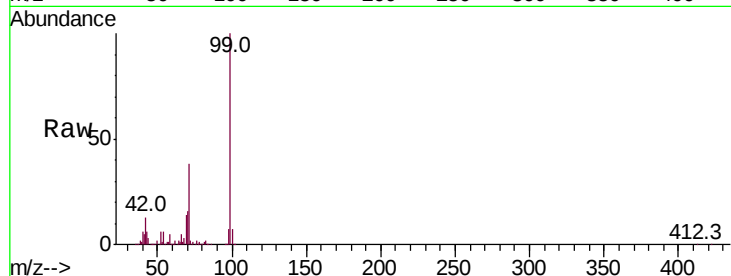
Tot Ion: 99 Resp: 618923

Ion Ratio Lower Upper

99 100

42 13.1 11.3 16.9

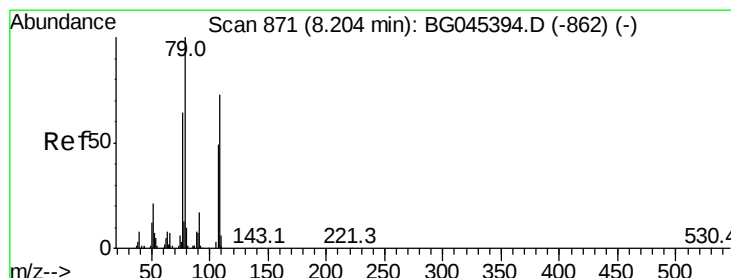
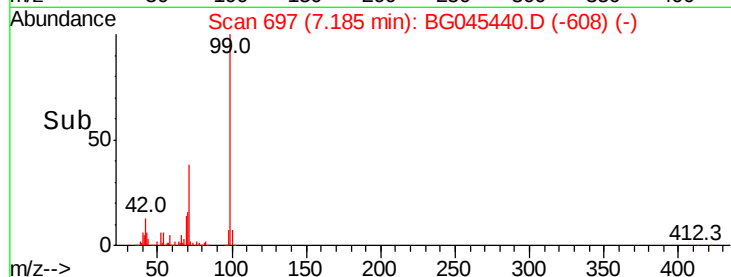
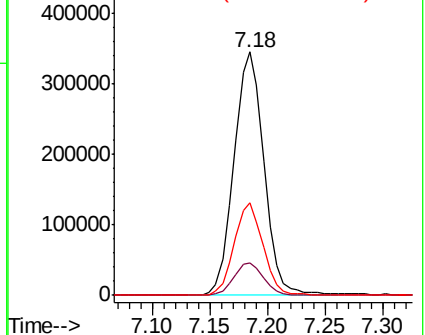
71 38.0 30.8 46.2



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: 2.004 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.06 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

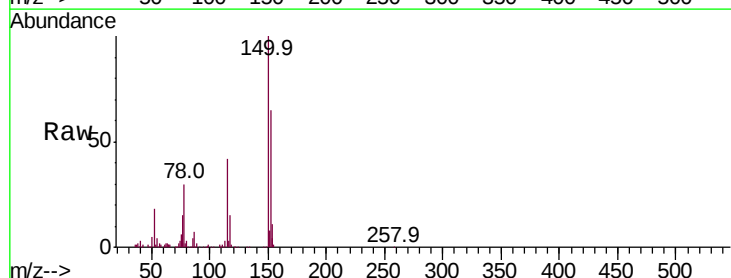
Tgt Ion: 79 Resp: 7029

Ion Ratio Lower Upper

79 100

108 44.2 58.2 87.4#

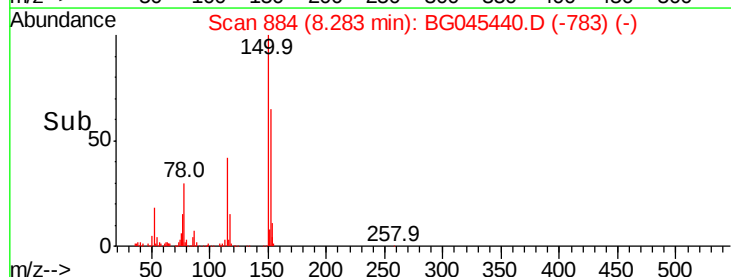
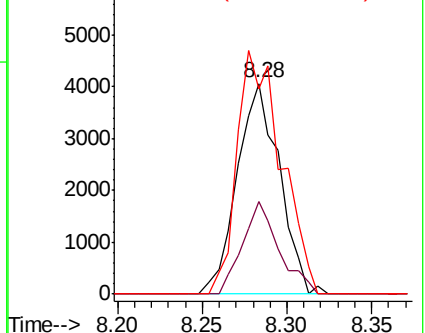
77 97.6 51.0 76.4#

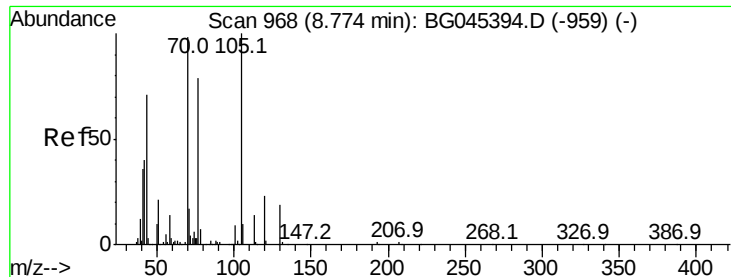


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

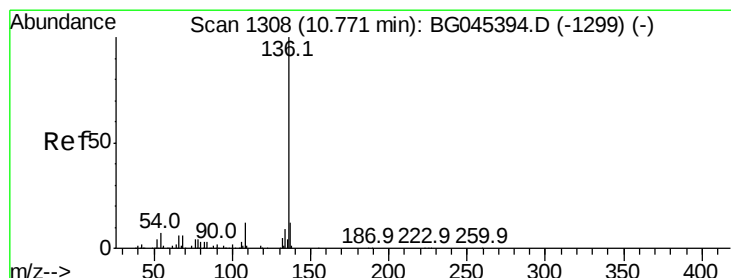
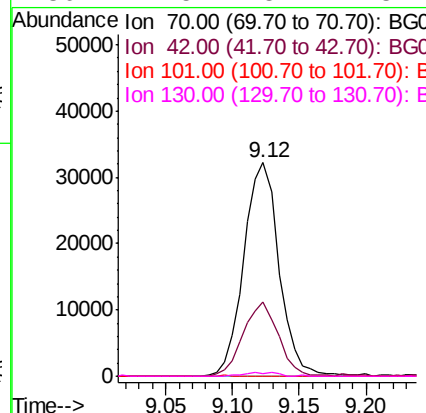
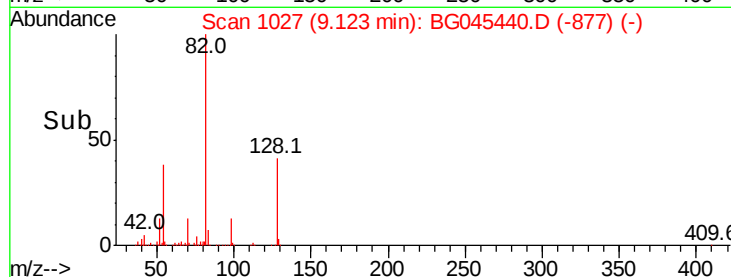
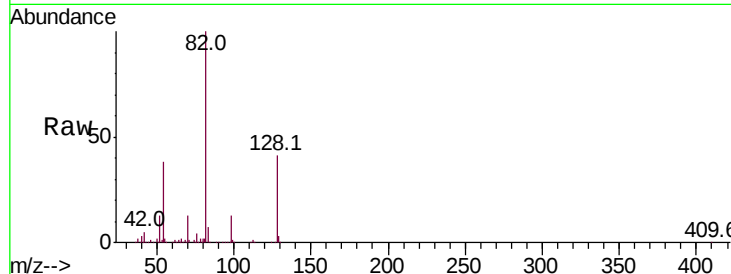




#19
n-Nitroso-di-n-propylamine
Concen: 20.045 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.35 min
Lab File: BG045440.D
Acq: 21 May 2020 15:01

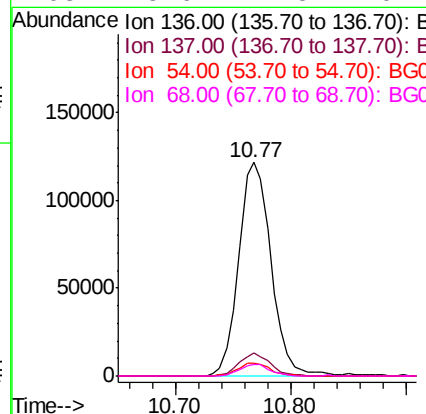
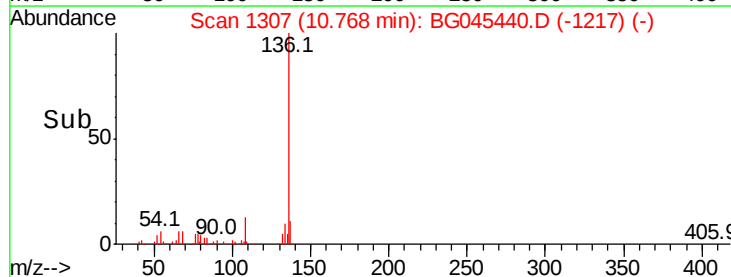
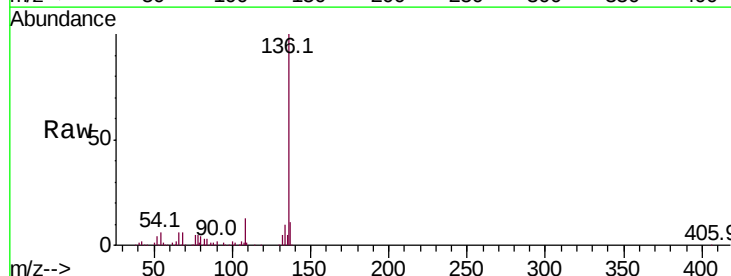
Instrument :
BNA_G
ClientSampleId :
PB129042BL

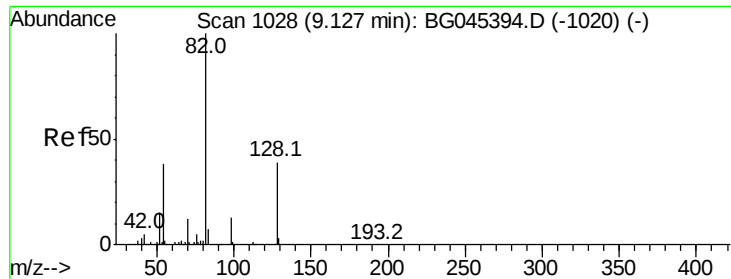
Tot Ion: 70 Resp: 58853
Ion Ratio Lower Upper
70 100
42 34.5 33.2 49.8
101 0.0 7.8 11.6#
130 1.5 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG045440.D
Acq: 21 May 2020 15:01

Tgt Ion: 136 Resp: 236344
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.2
54 6.1 5.8 8.6
68 5.6 4.5 6.7

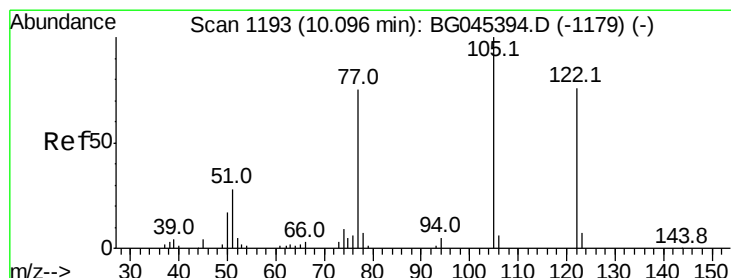
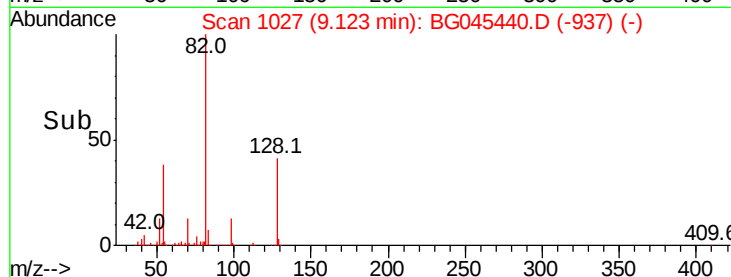
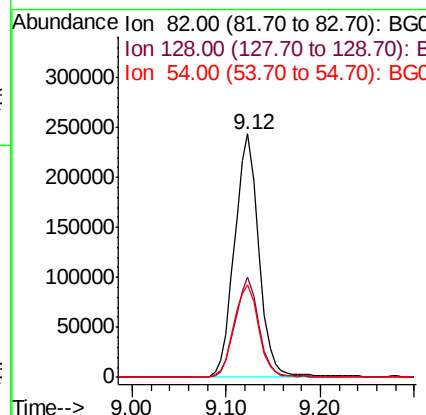
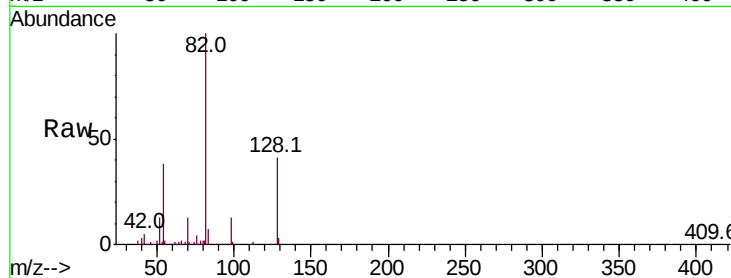




#23
 Nitrobenzene-d5
 Concen: 101.168 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045440.D
 Acq: 21 May 2020 15:01

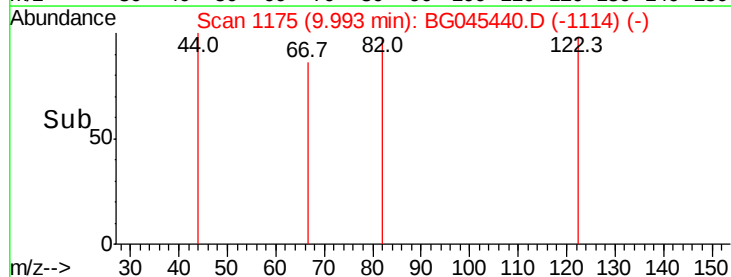
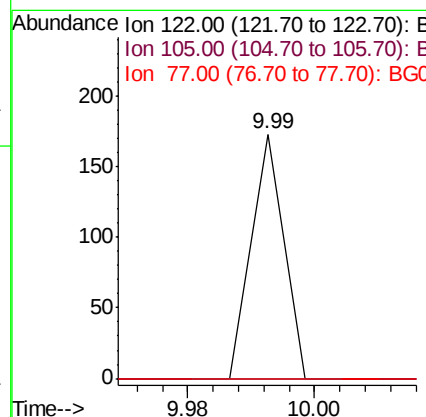
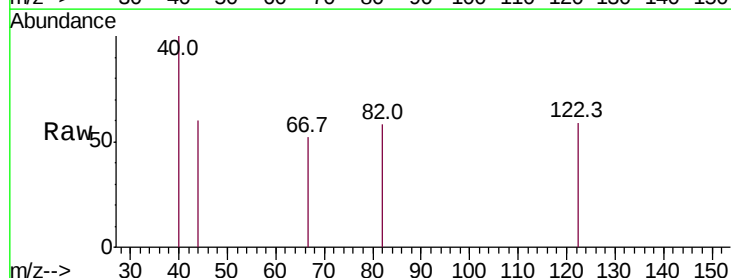
Instrument :
 BNA_G
 ClientSampleId :
 PB129042BL

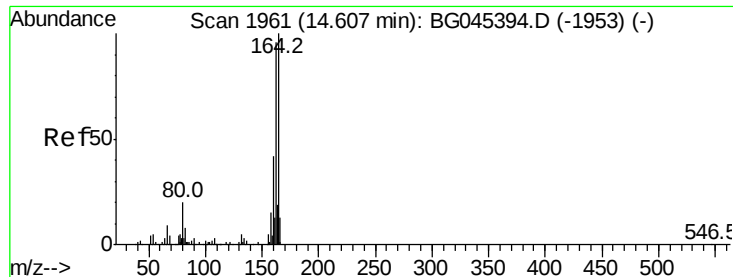
Tot Ion	82	Resp	438471
Ion Ratio	Lower	Upper	
82	100		
128	41.3	30.9	46.3
54	38.2	30.3	45.5



#32
 Benzoic acid
 Concen: 10.047 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.17 min
 Lab File: BG045440.D
 Acq: 21 May 2020 15:01

Tgt Ion	122	Resp	61
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: 14.60 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

Instrument :

BNA_G

ClientSampleId :

PB129042BL

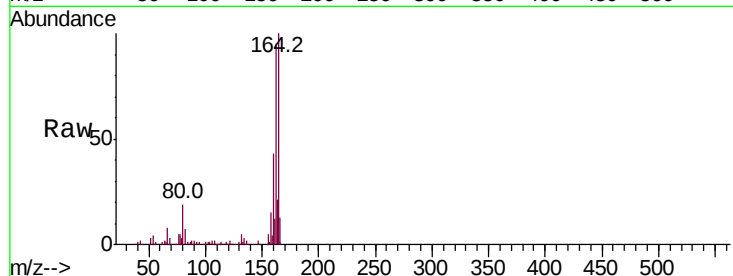
Tot Ion:164 Resp: 176644

Ion Ratio Lower Upper

164 100

162 95.1 76.9 115.3

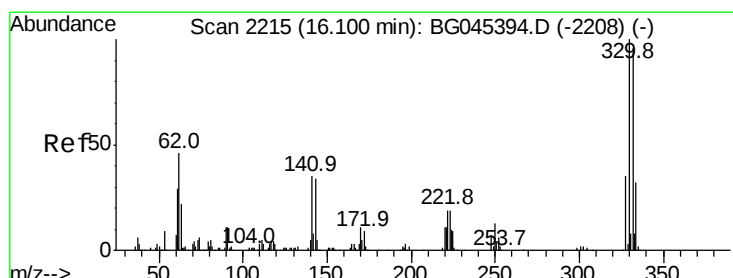
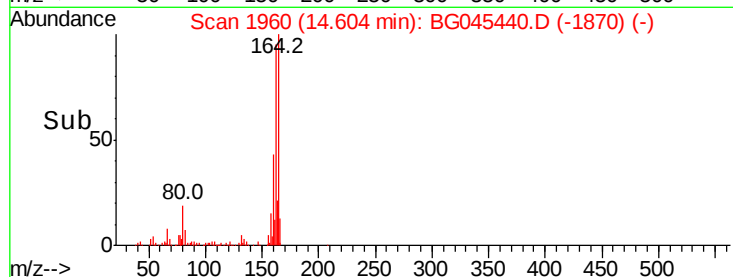
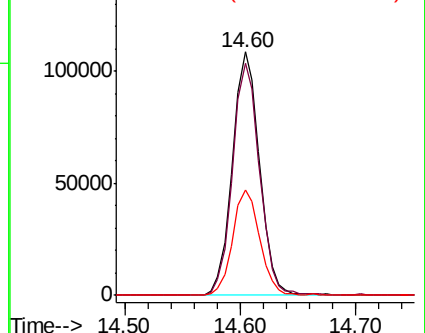
160 43.2 33.8 50.8



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: 159.049 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

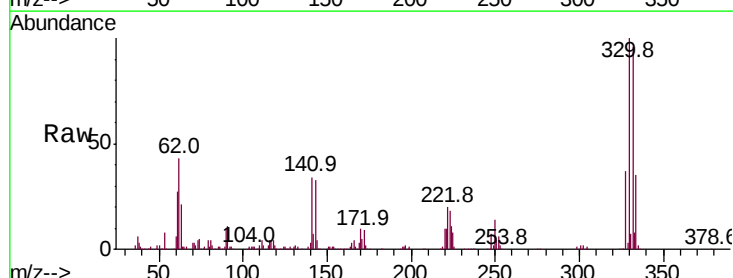
Tgt Ion:330 Resp: 359304

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

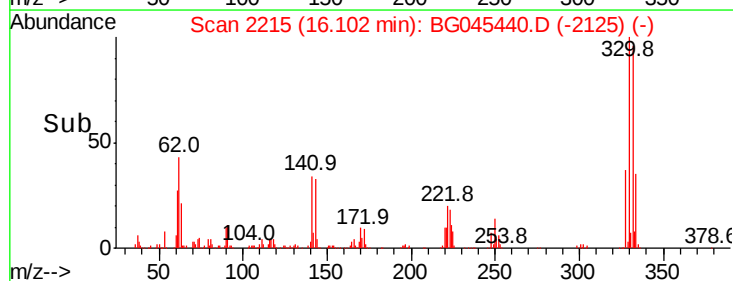
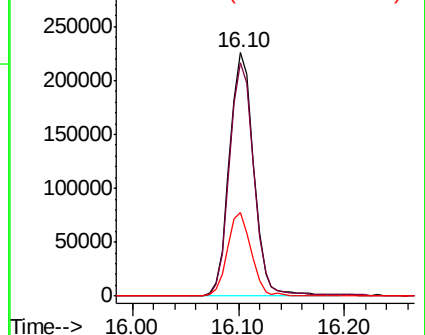
141 33.6 28.2 42.4

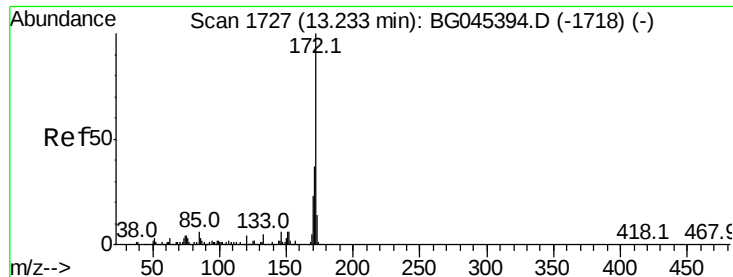


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



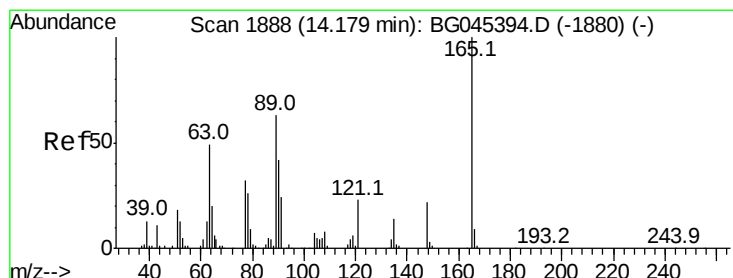
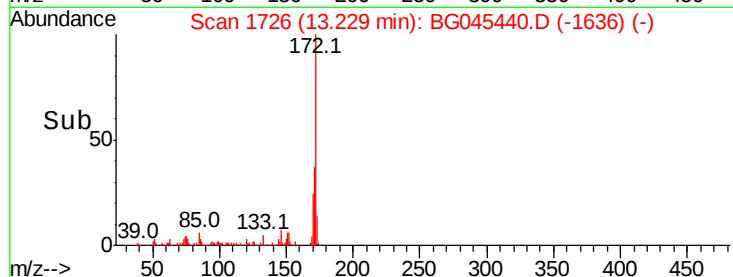
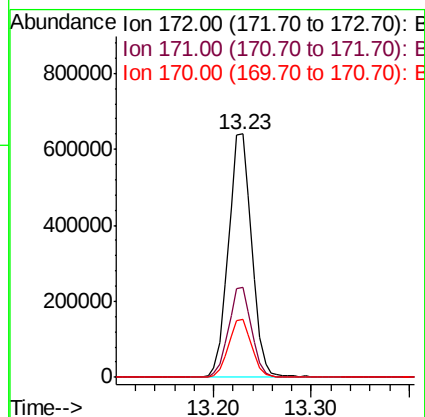
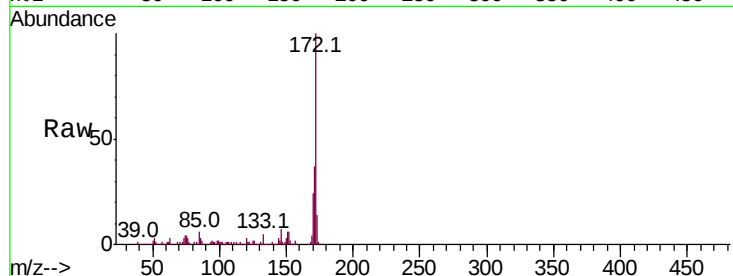


#45
 2-Fluorobiphenyl
 Concen: 102.035 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045440.D
 Acq: 21 May 2020 15:01

Instrument :
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 PB129042BL

Tot Ion:172 Resp: 1062595

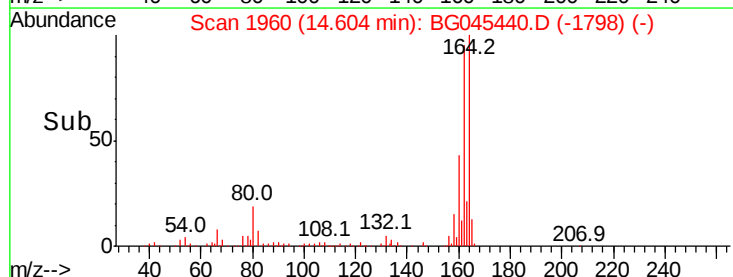
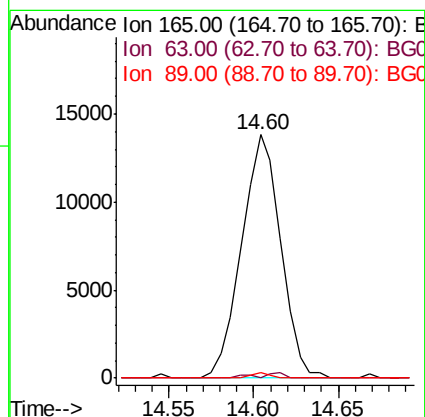
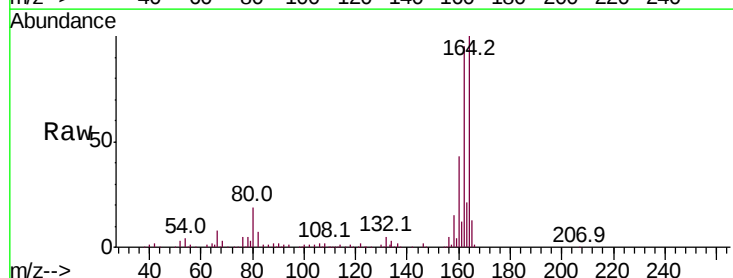
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	23.7	18.5	27.7

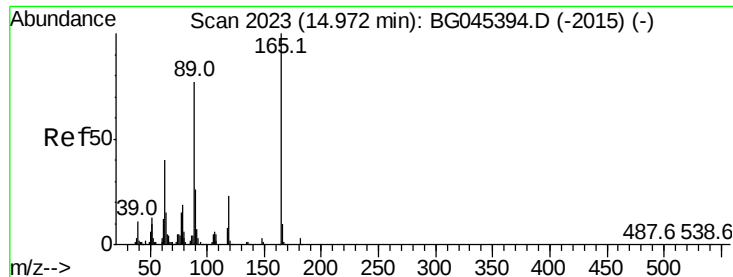


#51
 2,6-Dinitrotoluene
 Concen: 8.155 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. 0.42 min
 Lab File: BG045440.D
 Acq: 21 May 2020 15:01

Tgt Ion:165 Resp: 22298

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.4#
89	2.4	50.2	75.4#





#57

2,4-Dinitrotoluene

Concen: 5.631 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.36 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

Instrument :

BNA_G

ClientSampleId :

PB129042BL

Tot Ion:165 Resp: 22298

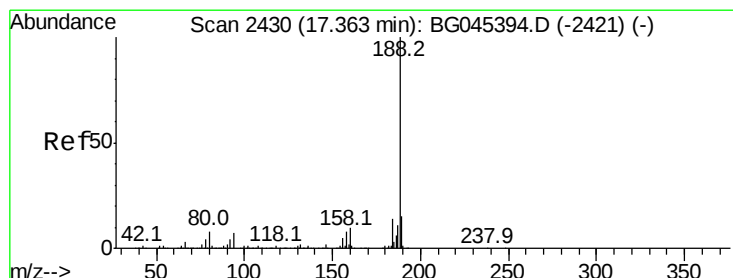
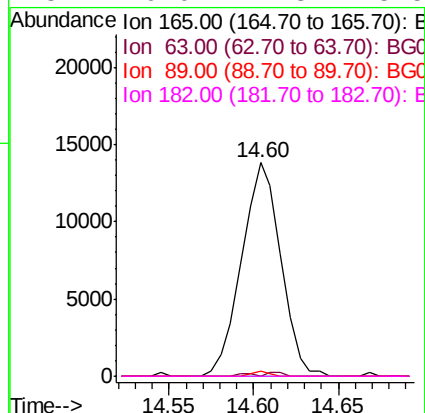
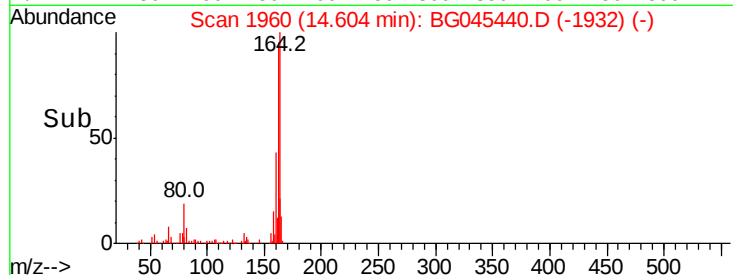
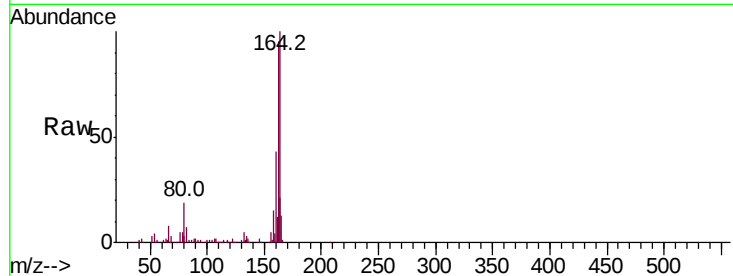
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.35 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

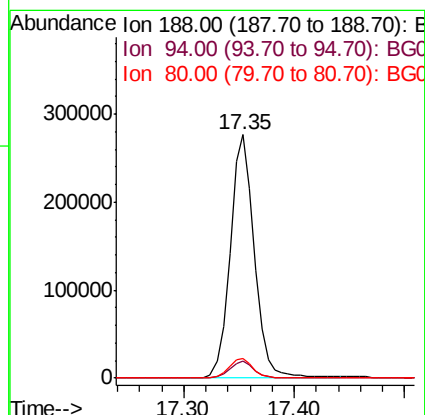
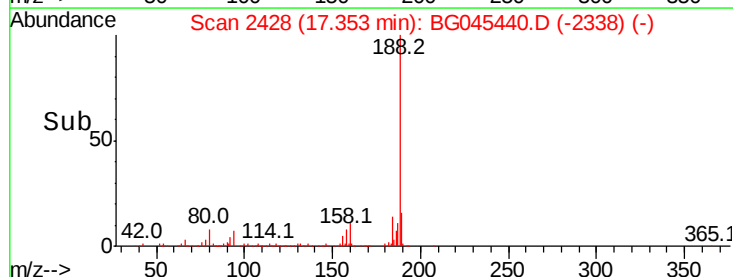
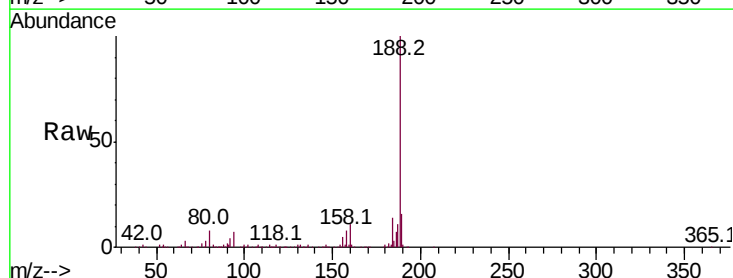
Tgt Ion:188 Resp: 423475

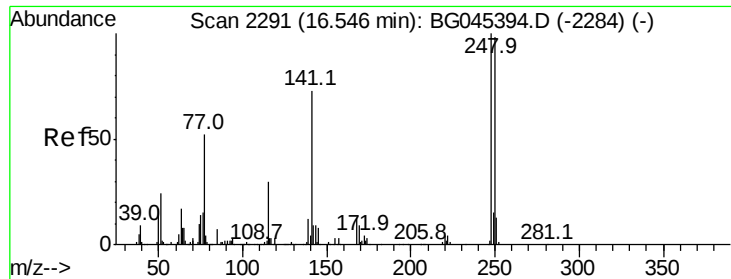
Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

80 8.1 6.6 10.0

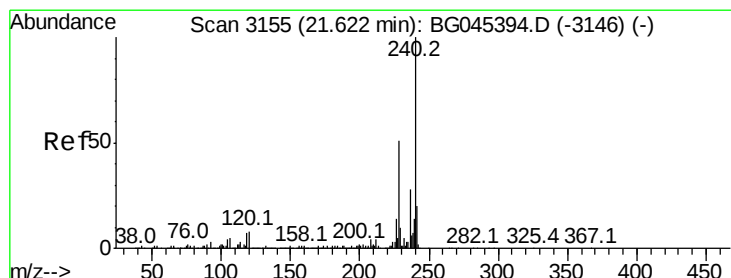
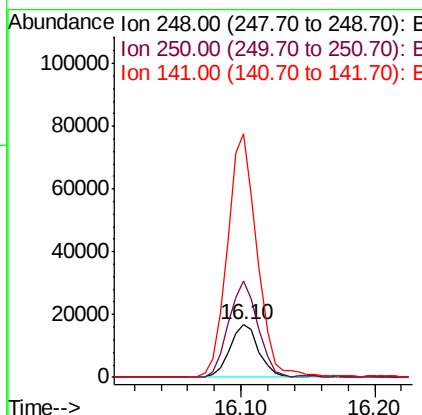
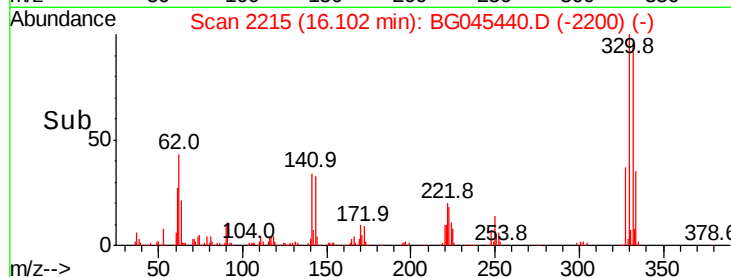
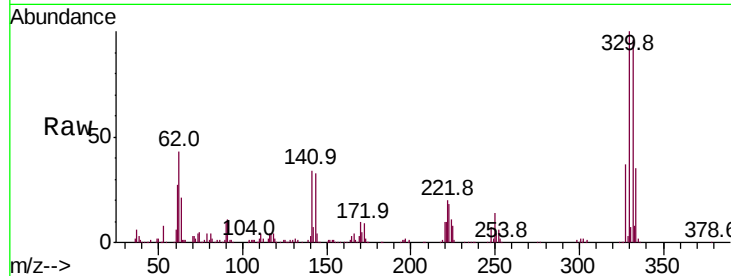




#67
 4-Bromophenyl-phenylether
 Concen: 5.562 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.44 min
 Lab File: BG045440.D
 Acq: 21 May 2020 15:01

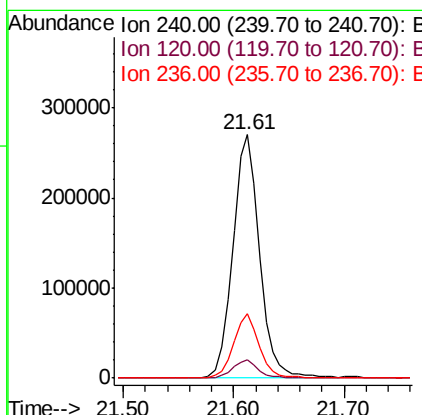
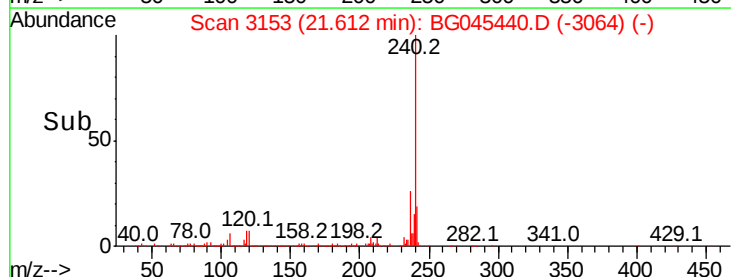
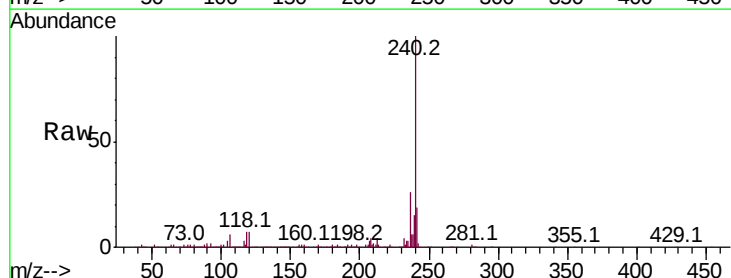
Instrument :
 BNA_G
 ClientSampleId :
 PB129042BL

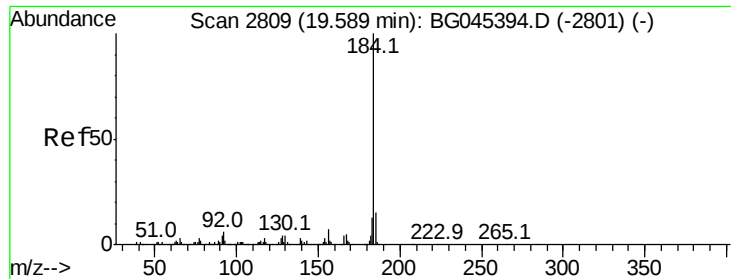
Tot Ion:248 Resp: 25504
 Ion Ratio Lower Upper
 248 100
 250 184.7 78.6 117.8#
 141 464.1 58.2 87.2#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG045440.D
 Acq: 21 May 2020 15:01

Tgt Ion:240 Resp: 457681
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.1 9.1
 236 26.4 22.3 33.5





#77

Benzidine

Concen: 3.062 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.38 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

Instrument :

BNA_G

ClientSampleId :

PB129042BL

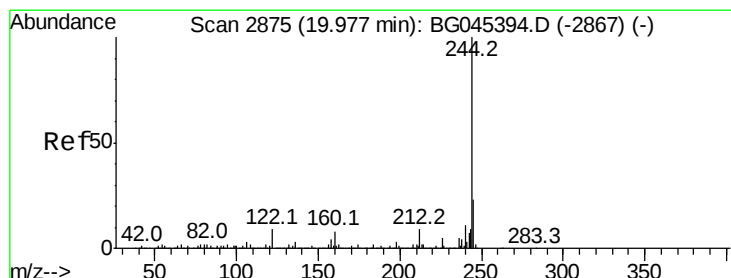
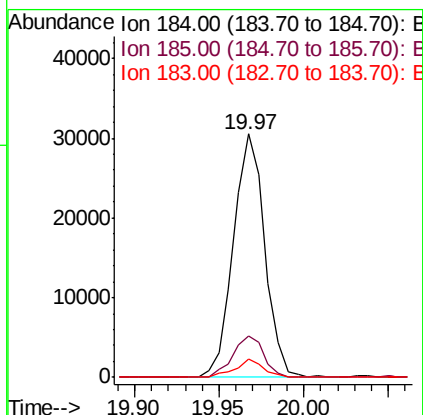
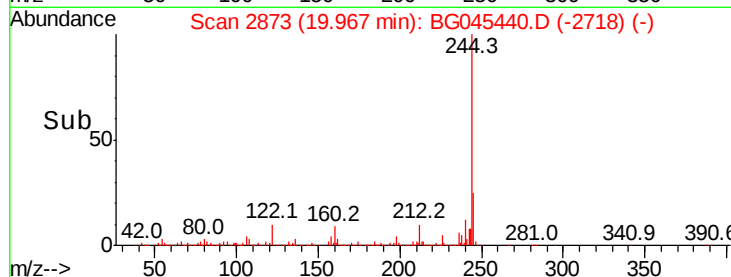
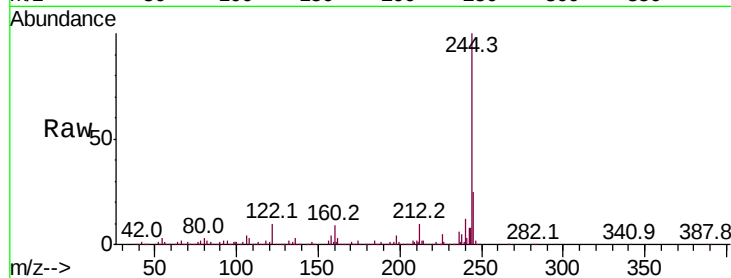
Tot Ion:184 Resp: 39359

Ion Ratio Lower Upper

184 100

185 17.1 11.7 17.5

183 7.7 10.2 15.4#



#79

Terphenyl-d14

Concen: 106.172 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

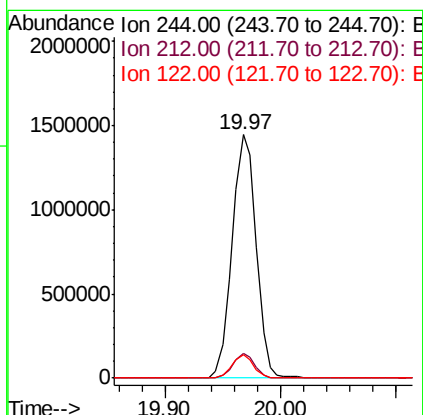
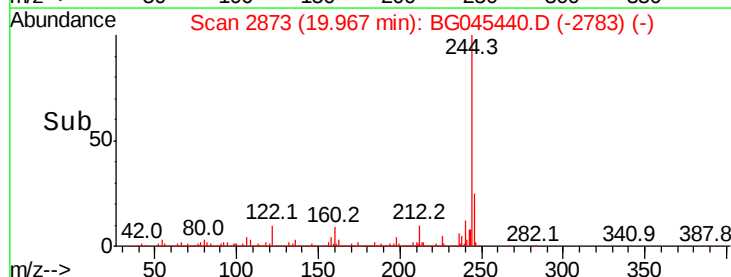
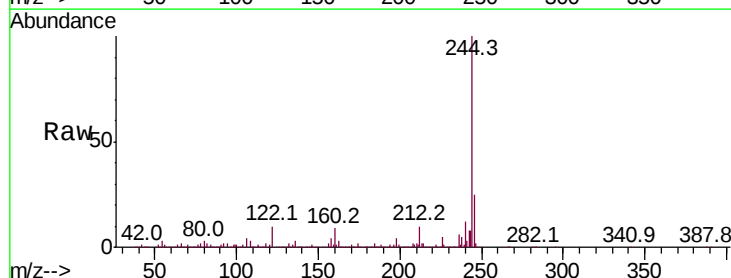
Tgt Ion:244 Resp: 2083473

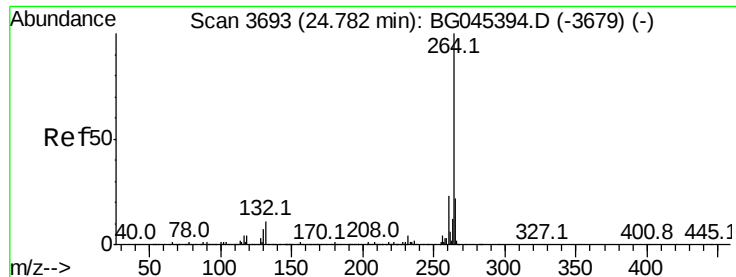
Ion Ratio Lower Upper

244 100

212 10.0 7.4 11.0

122 9.6 6.8 10.2

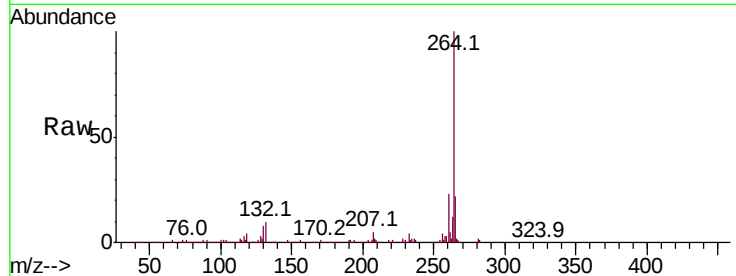




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.76 min Scan# 3689
 Delta R.T. -0.01 min
 Lab File: BG045440.D
 Acq: 21 May 2020 15:01

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	22.4	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

