

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044395.D
 Acq On : 11 Feb 2020 19:13
 Operator : CG/JU
 Sample : L1478-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 330

Quant Time: Feb 12 03:07:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

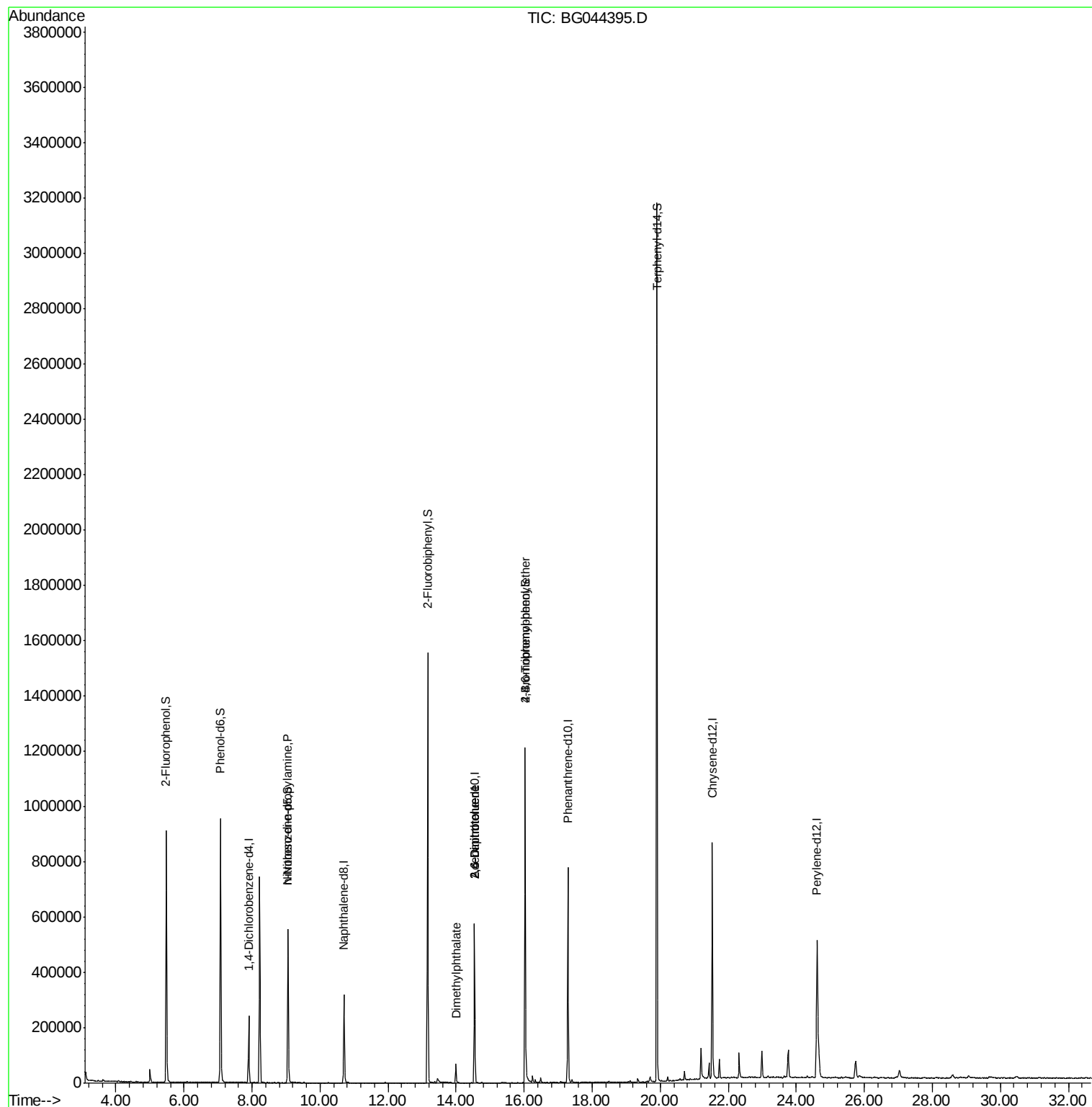
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	71878	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	308011	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	214726	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	512956	20.00	ng	0.00
76) Chrysene-d12	21.53	240	492267	20.00	ng	0.00
87) Perylene-d12	24.61	264	512906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	470661	115.56	ng	0.00
7) Phenol-d6	7.08	99	613656	112.20	ng	0.00
23) Nitrobenzene-d5	9.06	82	365593	67.01	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	247254	98.09	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	852034	66.45	ng	0.00
79) Terphenyl-d14	19.90	244	1500214	62.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	47300	12.977	ng	# 77
50) Dimethylphthalate	13.99	163	53056	3.437	ng	# 98
51) 2,6-Dinitrotoluene	14.54	165	29240	8.496	ng	# 30
57) 2,4-Dinitrotoluene	14.54	165	29240	6.062	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	17361	3.107	ng	# 1

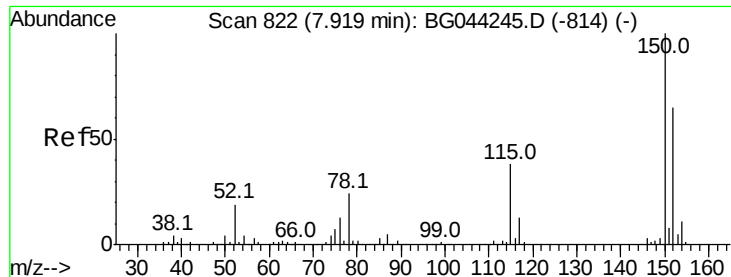
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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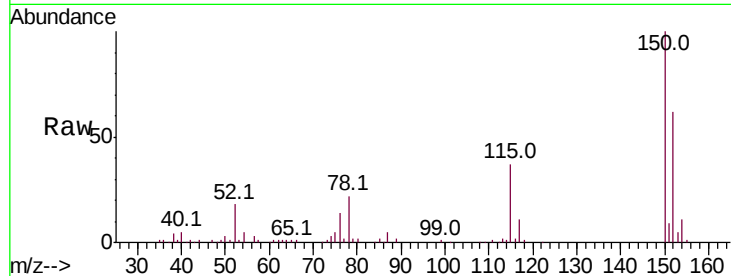


#1

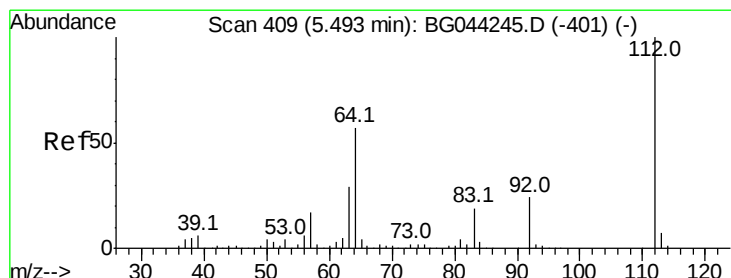
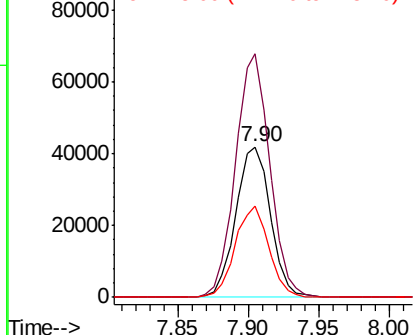
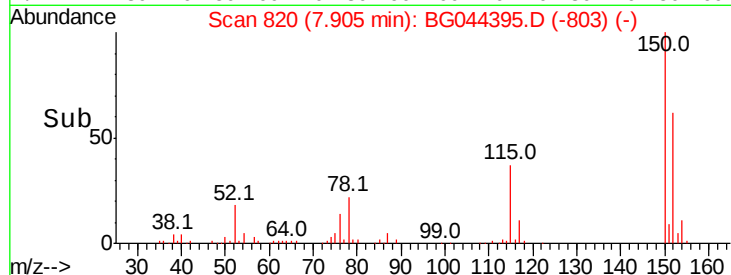
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044395.D
 Acq: 11 Feb 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 330

Tot Ion:152 Resp: 71878
 Ion Ratio Lower Upper
 152 100
 150 161.6 122.6 183.8
 115 60.4 46.0 69.0



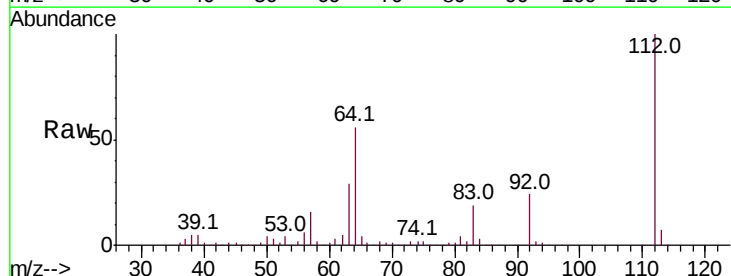
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



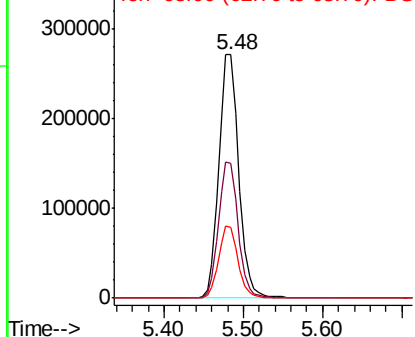
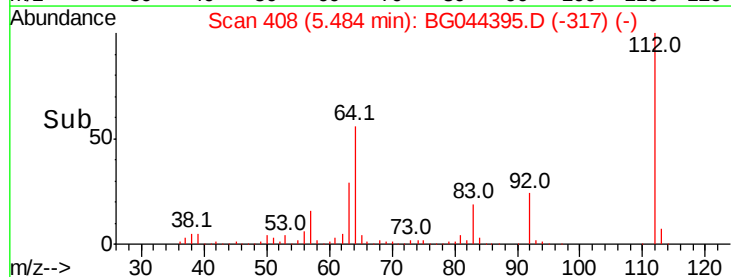
#5

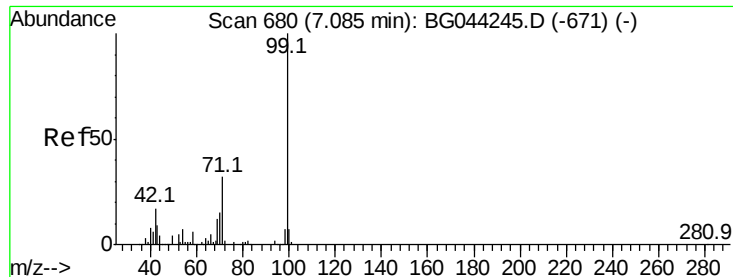
2-Fluorophenol
 Concen: 115.563 ng
 RT: 5.48 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BG044395.D
 Acq: 11 Feb 2020 19:13

Tgt Ion:112 Resp: 470661
 Ion Ratio Lower Upper
 112 100
 64 55.6 45.4 68.2
 63 28.8 22.9 34.3



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: 112.204 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG044395.D

Acq: 11 Feb 2020 19:13

Instrument :

BNA_G

ClientSampled :

330

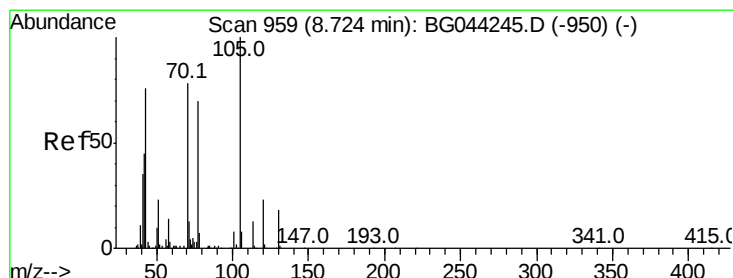
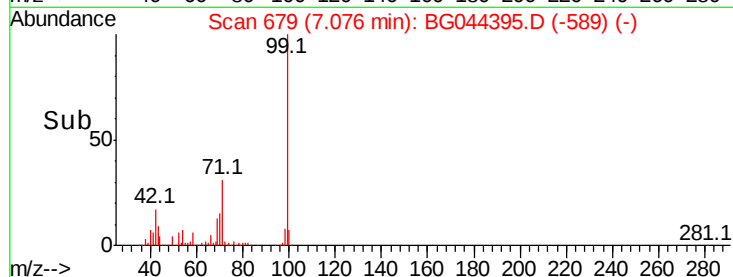
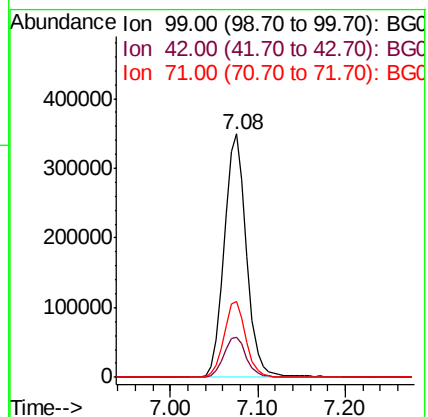
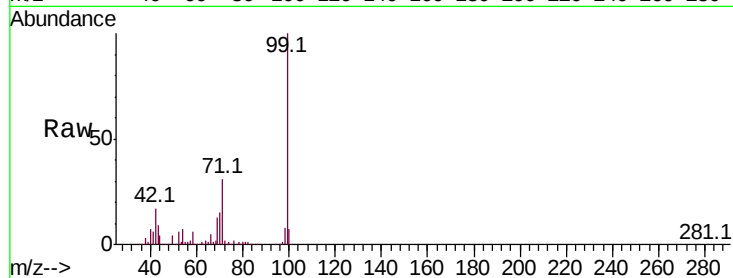
Tot Ion: 99 Resp: 613656

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.6

71 31.3 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.977 ng

RT: 9.06 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG044395.D

Acq: 11 Feb 2020 19:13

Tgt Ion: 70 Resp: 47300

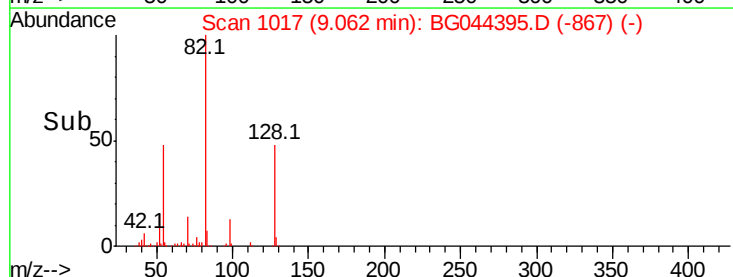
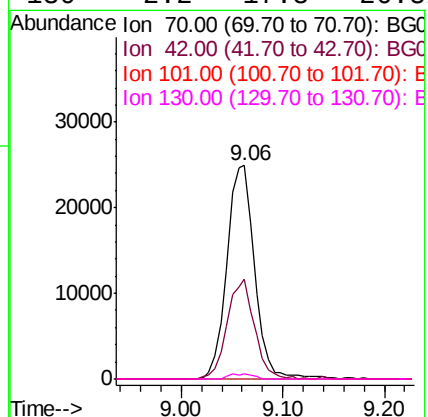
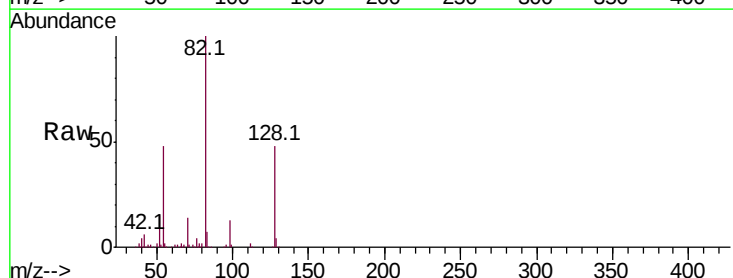
Ion Ratio Lower Upper

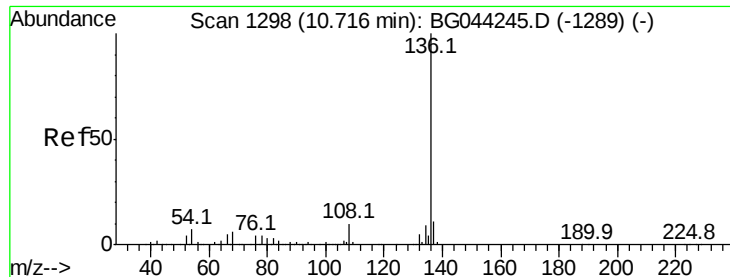
70 100

42 46.8 46.2 69.2

101 0.0 8.4 12.6#

130 2.2 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG044395.D

Acq: 11 Feb 2020 19:13

Instrument :

BNA_G

ClientSampled :

330

Tot Ion:136 Resp: 308011

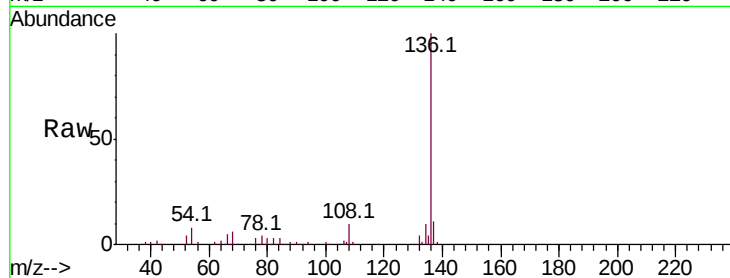
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.8 5.8 8.8

68 6.1 4.6 6.8

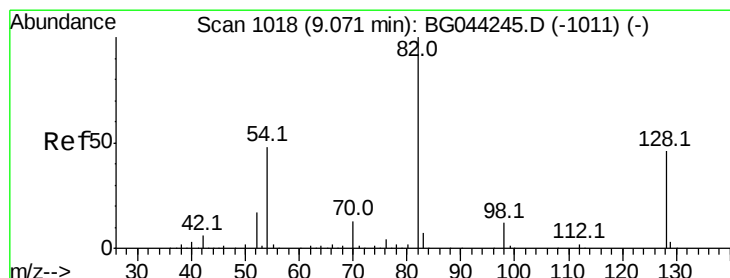
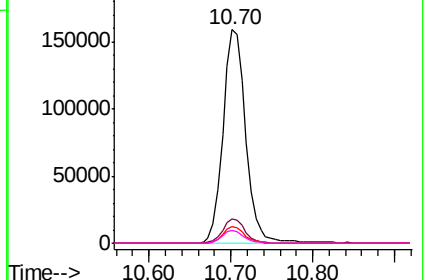
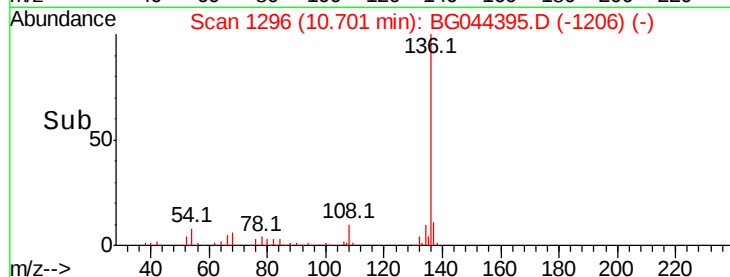


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.011 ng

RT: 9.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG044395.D

Acq: 11 Feb 2020 19:13

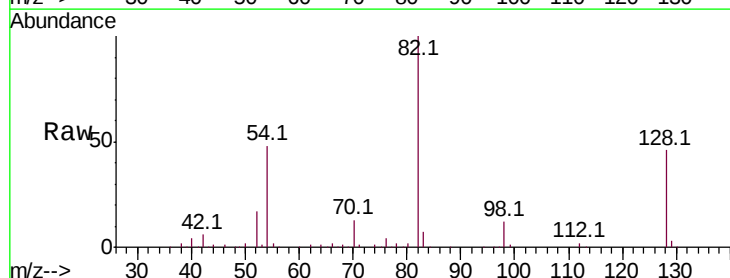
Tgt Ion: 82 Resp: 365593

Ion Ratio Lower Upper

82 100

128 45.7 36.5 54.7

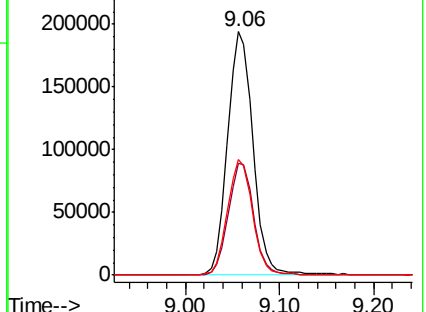
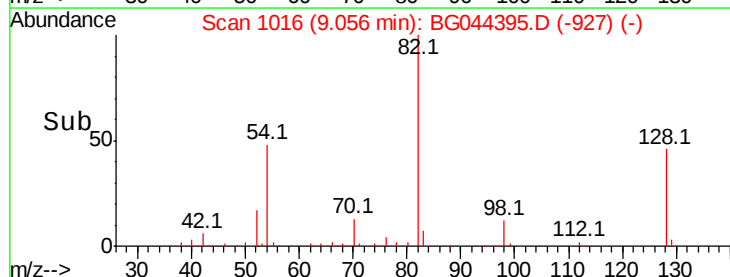
54 47.5 38.6 58.0

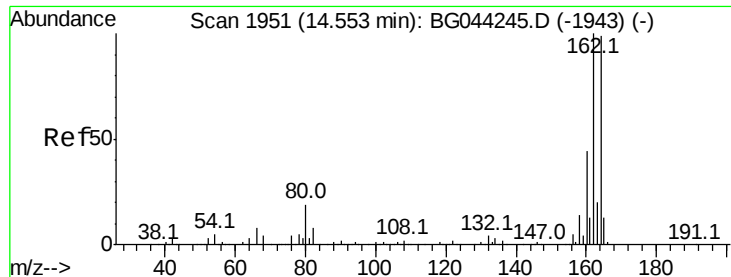


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

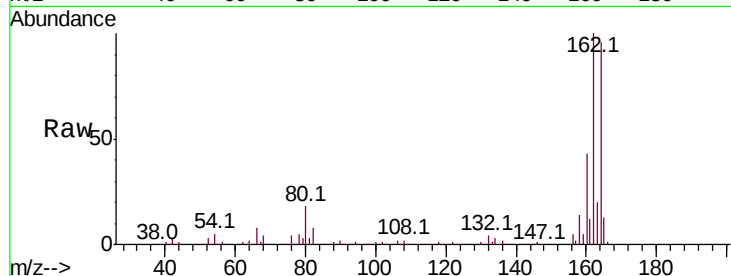




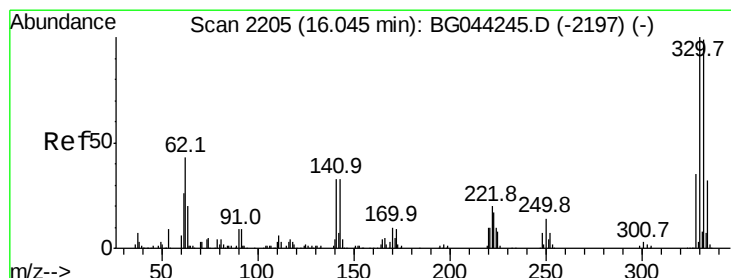
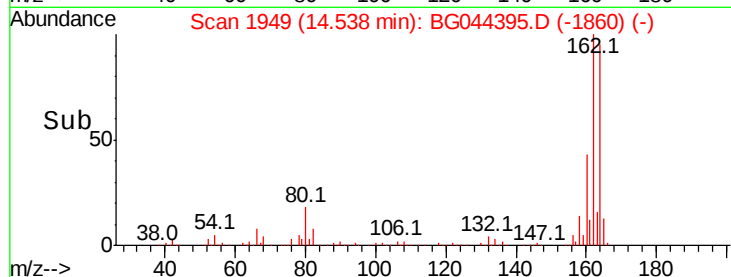
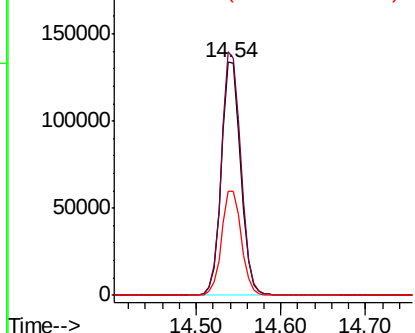
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044395.D
Acq: 11 Feb 2020 19:13

Instrument :
BNA_G
ClientSampleId :
330

Tot Ion:164 Resp: 214726
Ion Ratio Lower Upper
164 100
162 104.6 80.7 121.1
160 44.6 35.3 52.9

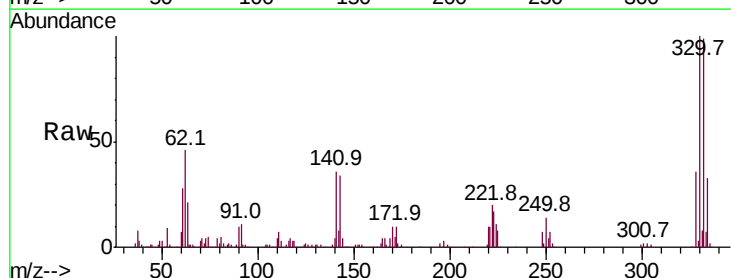


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

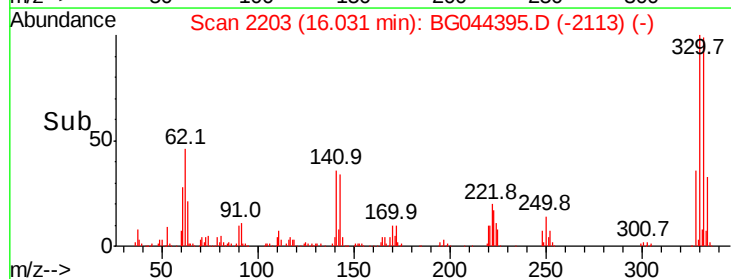
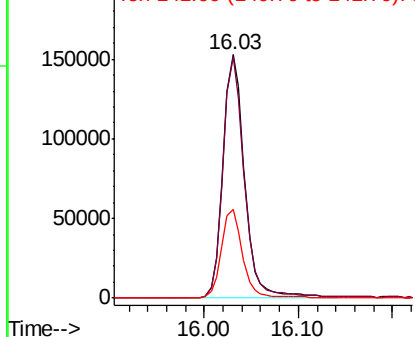


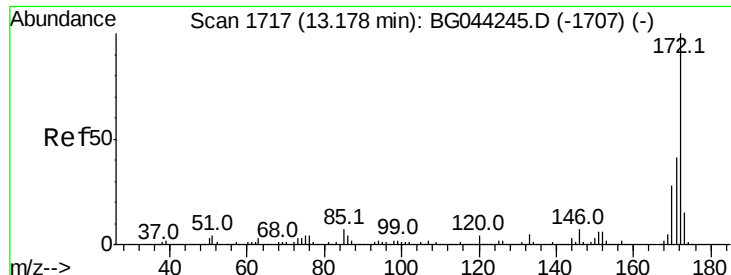
#42
2,4,6-Tribromophenol
Concen: 98.087 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG044395.D
Acq: 11 Feb 2020 19:13

Tgt Ion:330 Resp: 247254
Ion Ratio Lower Upper
330 100
332 98.2 77.2 115.8
141 36.2 28.3 42.5



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

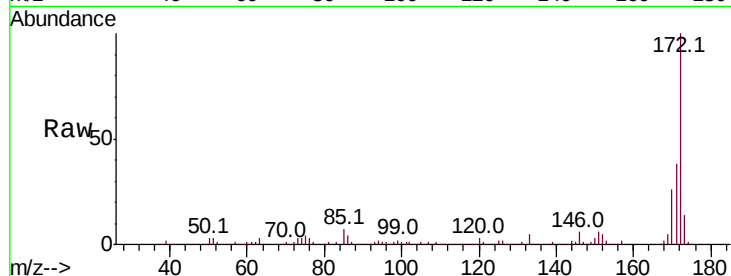




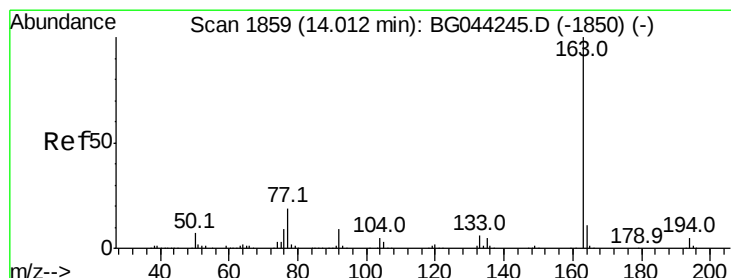
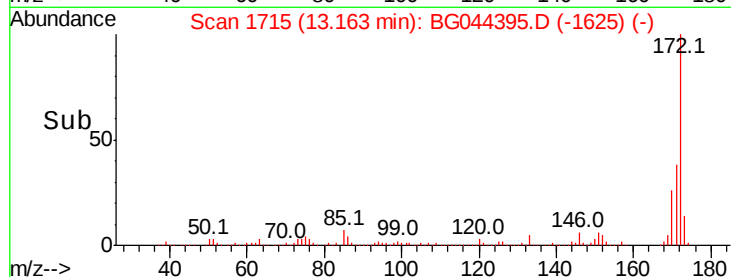
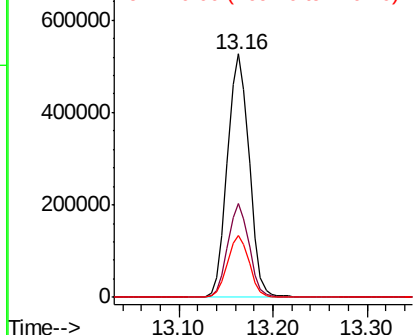
#45
2-Fluorobiphenyl
Concen: 66.446 ng
RT: 13.16 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG044395.D
Acq: 11 Feb 2020 19:13

Instrument :
BNA_G
ClientSampleId :
330

Tot Ion:172 Resp: 852034
Ion Ratio Lower Upper
172 100
171 38.4 32.9 49.3
170 25.5 22.0 33.0

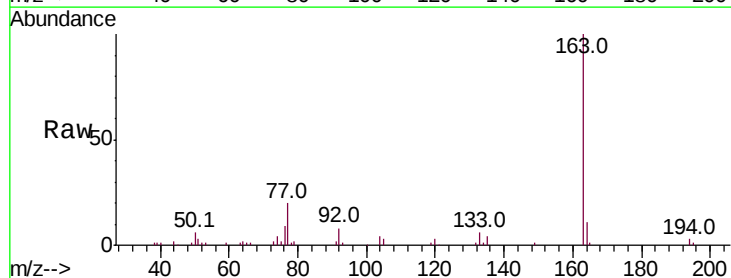


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

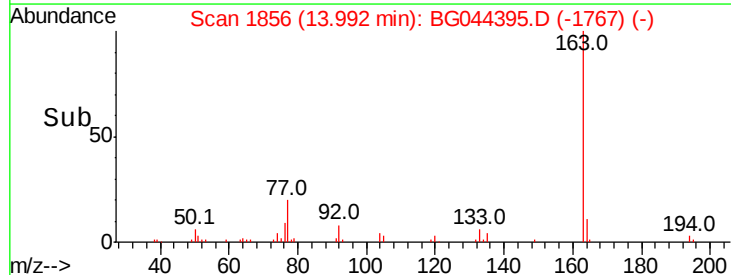
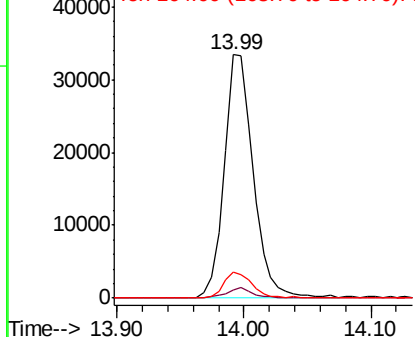


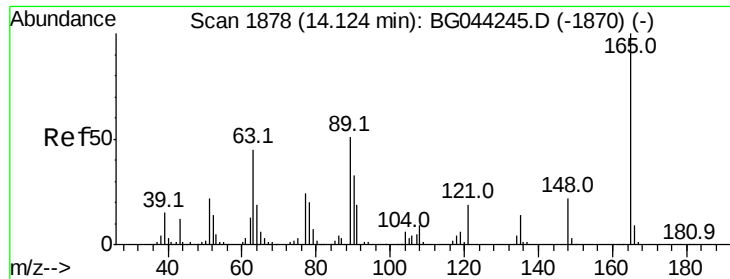
#50
Dimethylphthalate
Concen: 3.437 ng
RT: 13.99 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BG044395.D
Acq: 11 Feb 2020 19:13

Tgt Ion:163 Resp: 53056
Ion Ratio Lower Upper
163 100
194 3.1 3.6 5.4#
164 10.7 8.7 13.1



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

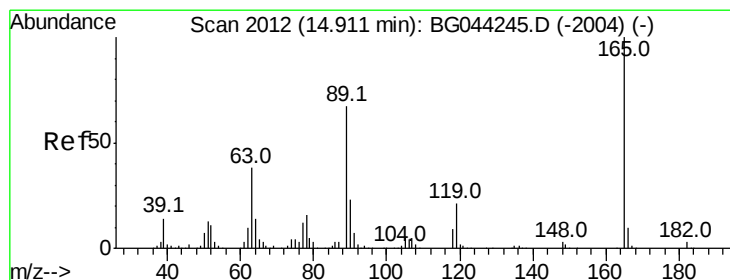
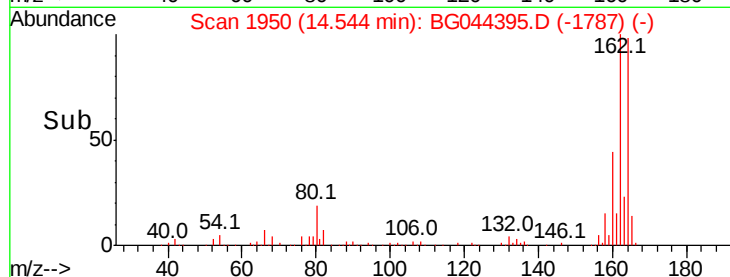
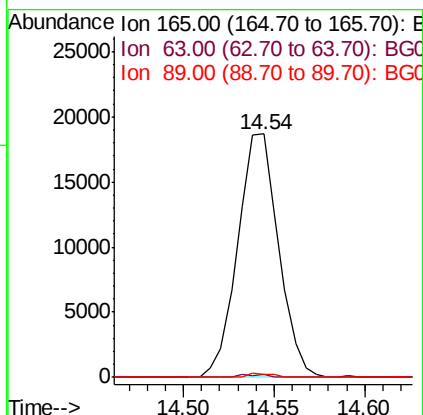
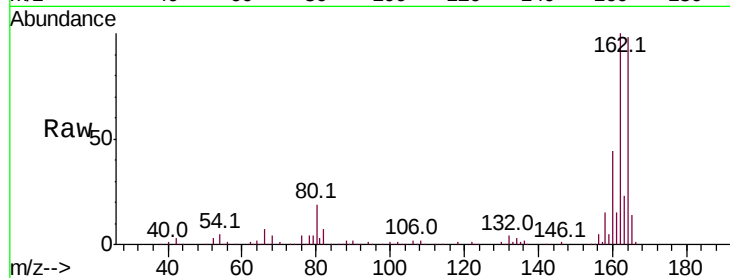




#51
 2,6-Dinitrotoluene
 Concen: 8.496 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. 0.43 min
 Lab File: BG044395.D
 Acq: 11 Feb 2020 19:13

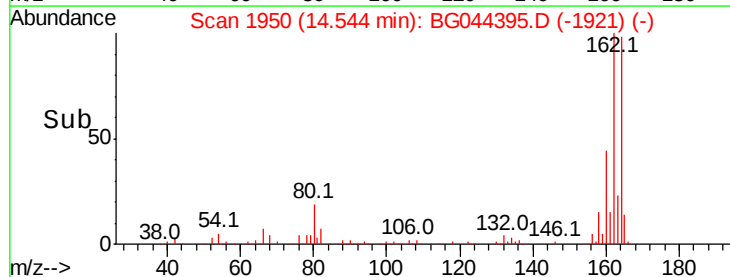
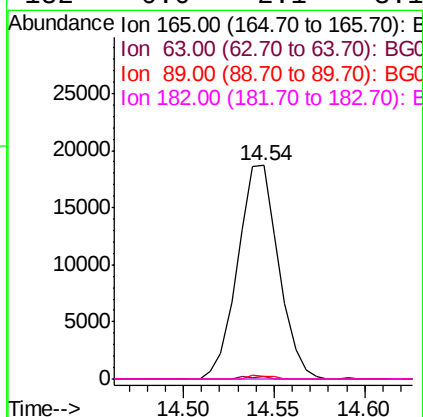
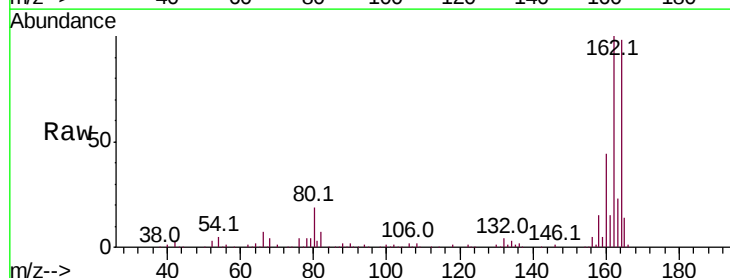
Instrument :
 BNA_G
 ClientSampleId :
 330

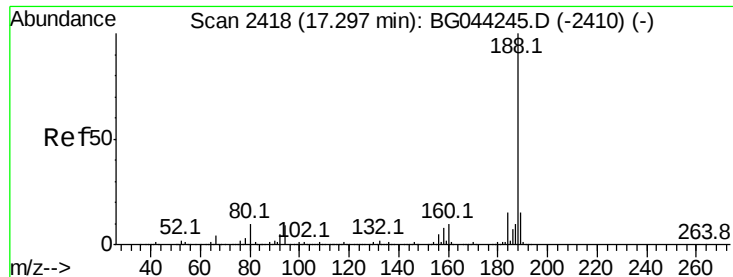
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.7	58.1#
89	1.2	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 6.062 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. -0.36 min
 Lab File: BG044395.D
 Acq: 11 Feb 2020 19:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.3	45.5#
89	1.2	53.4	80.2#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG044395.D

Acq: 11 Feb 2020 19:13

Instrument :

BNA_G

ClientSampleId :

330

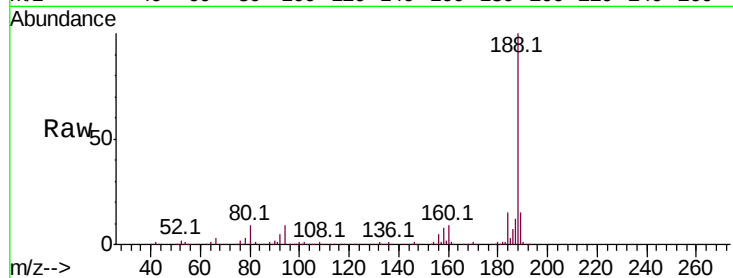
Tot Ion:188 Resp: 512956

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

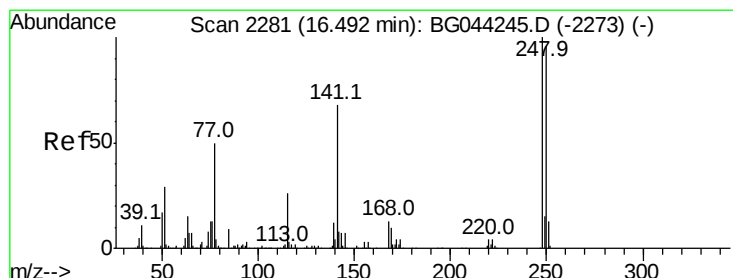
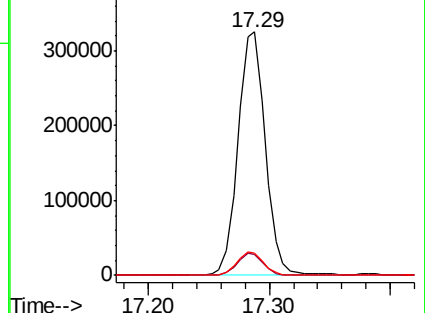
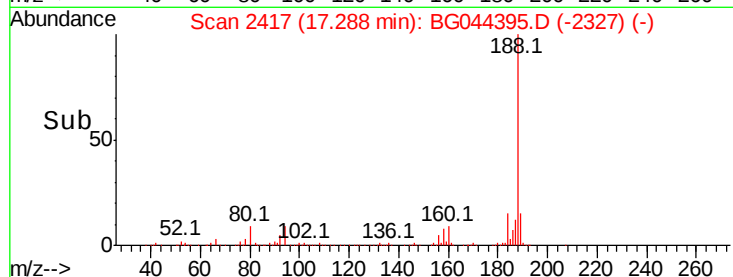
80 9.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.107 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.45 min

Lab File: BG044395.D

Acq: 11 Feb 2020 19:13

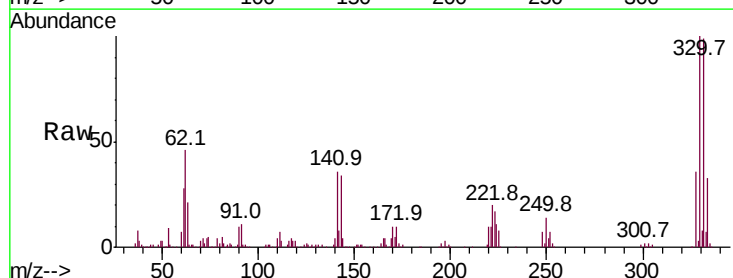
Tgt Ion:248 Resp: 17361

Ion Ratio Lower Upper

248 100

250 192.9 76.6 114.8#

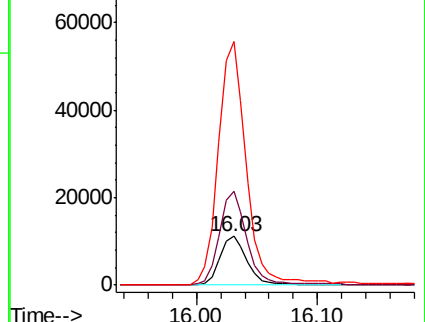
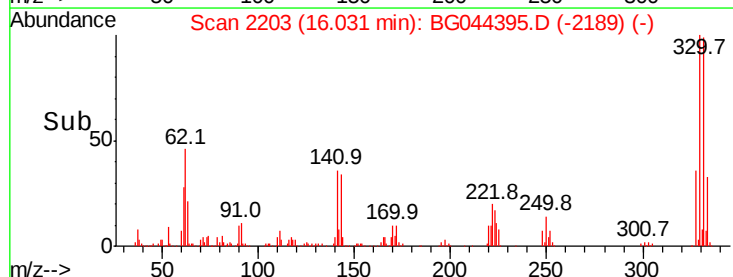
141 498.6 54.7 82.1#

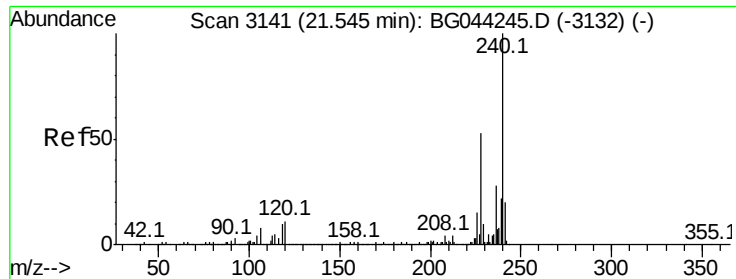


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

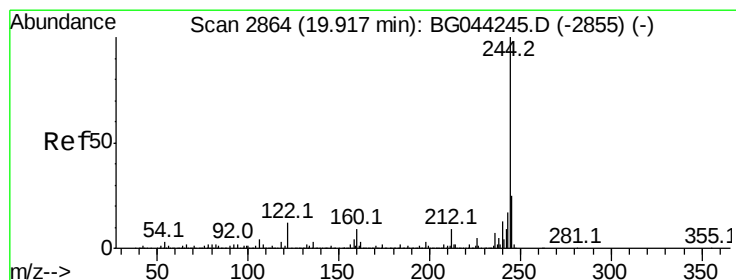
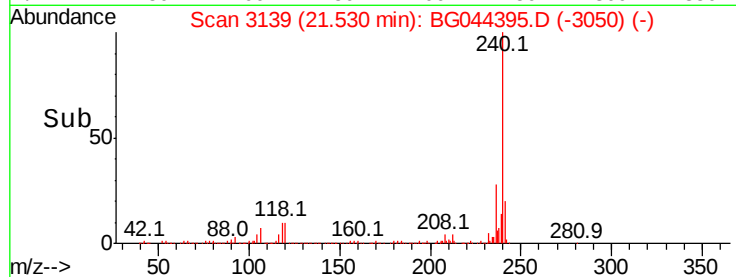
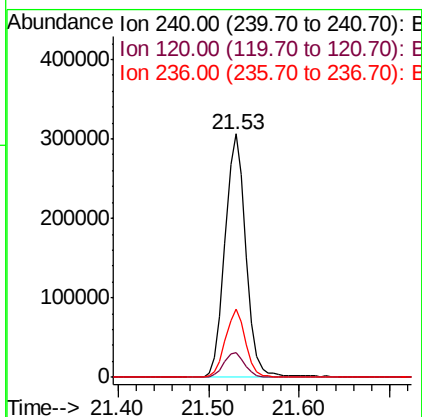
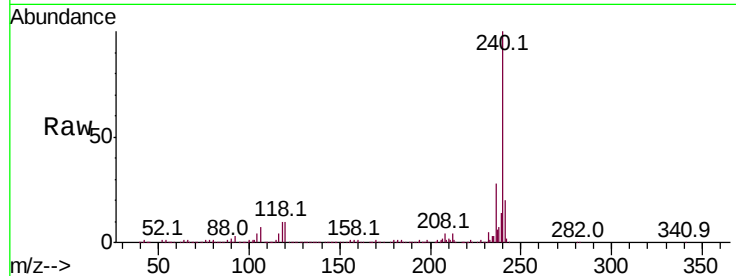




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044395.D
 Acq: 11 Feb 2020 19:13

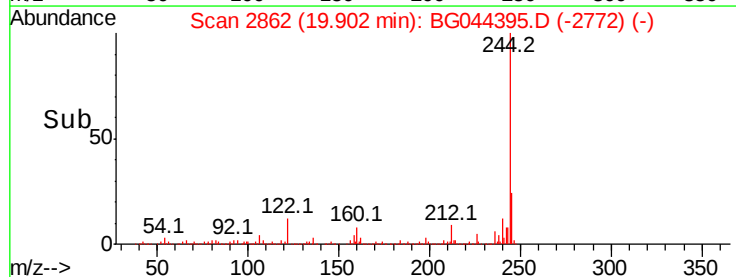
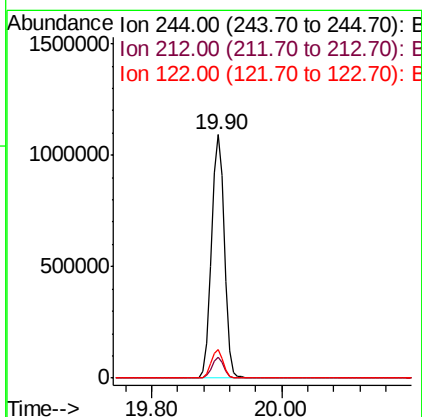
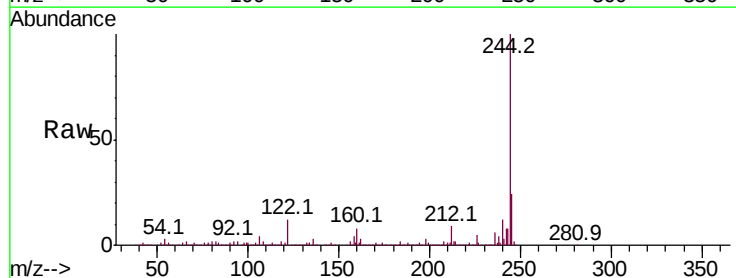
Instrument :
 BNA_G
 ClientSampleId :
 330

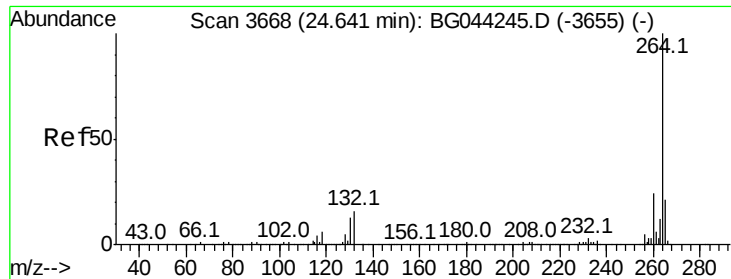
Tot Ion:240 Resp: 492267
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 27.8 22.1 33.1



#79
 Terphenyl-d14
 Concen: 62.684 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BG044395.D
 Acq: 11 Feb 2020 19:13

Tgt Ion:244 Resp: 1500214
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.4 11.2
 122 11.8 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044395.D
Acq: 11 Feb 2020 19:13

Instrument :
BNA_G
ClientSampleId :
330

Tot Ion:264	Resp:	512906
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.4 29.2
265	22.1	16.7 25.1

