

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044375.D
 Acq On : 11 Feb 2020 5:10
 Operator : CG/JU
 Sample : L1472-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 06:24:55 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

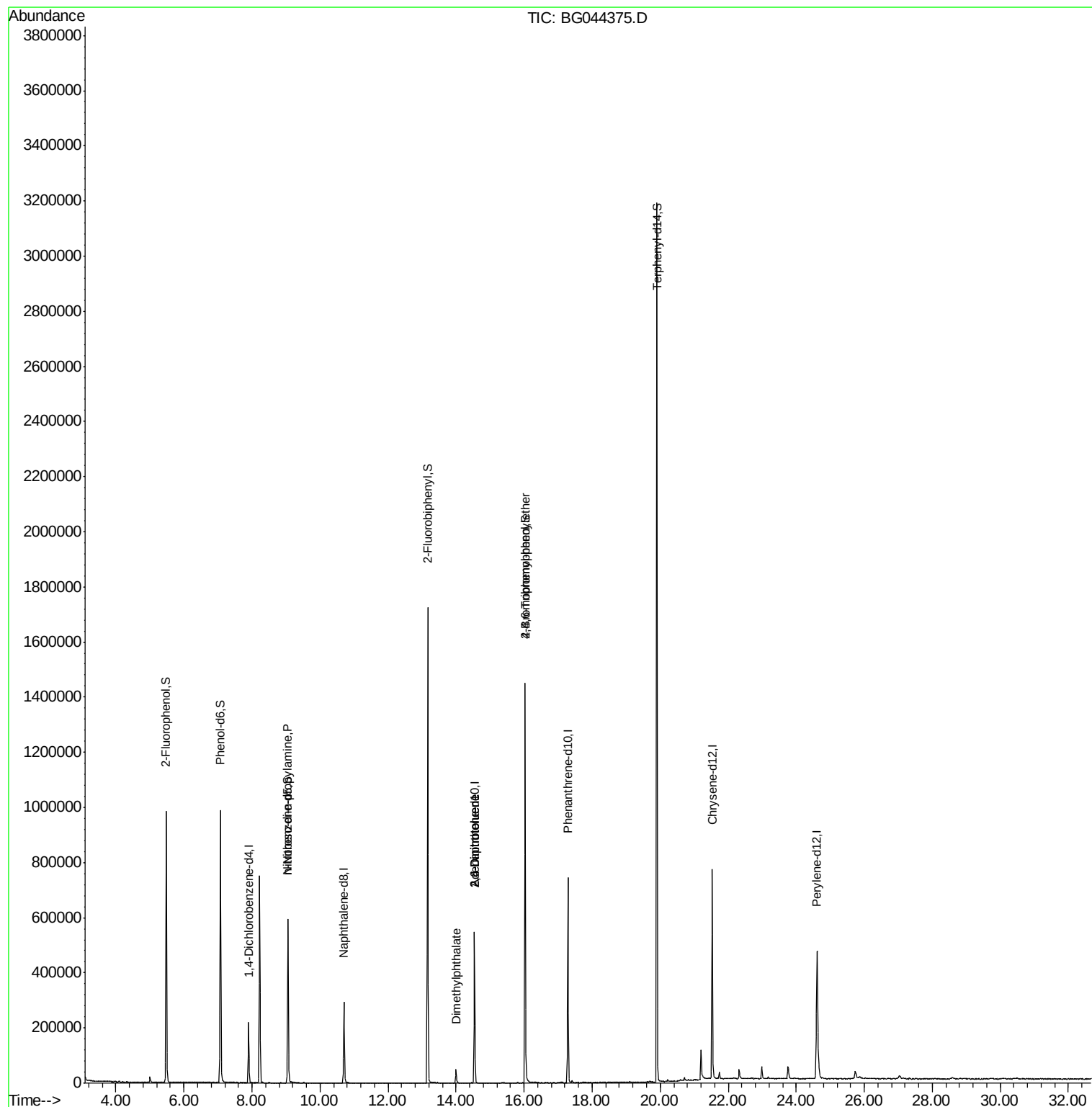
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	66587	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	289646	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	202876	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	488930	20.00	ng	0.00
76) Chrysene-d12	21.53	240	462569	20.00	ng	0.00
87) Perylene-d12	24.61	264	476618	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	482363	127.85	ng	0.00
7) Phenol-d6	7.07	99	649088	128.11	ng	0.00
23) Nitrobenzene-d5	9.06	82	390422	76.10	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	287717	120.81	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	943181	77.85	ng	0.00
79) Terphenyl-d14	19.90	244	1538394	68.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	49446	14.644	ng	# 77
50) Dimethylphthalate	14.00	163	43740	2.999	ng	# 98
51) 2,6-Dinitrotoluene	14.54	165	26225	8.065	ng	# 29
57) 2,4-Dinitrotoluene	14.54	165	26225	5.754	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	19889	3.734	ng	# 1

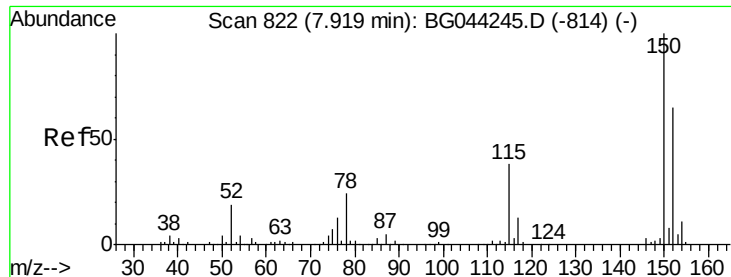
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 11 06:24:55 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



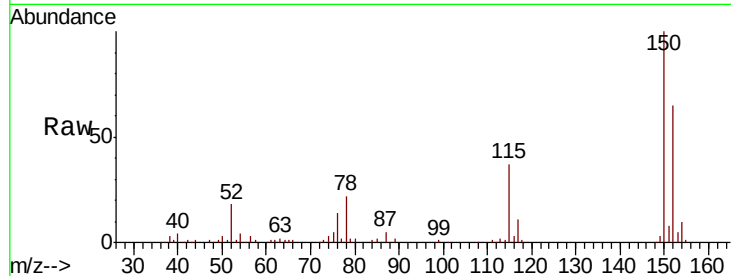


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG044375.D
Acq: 11 Feb 2020 5:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.6	183.8
115	57.2	46.0	69.0

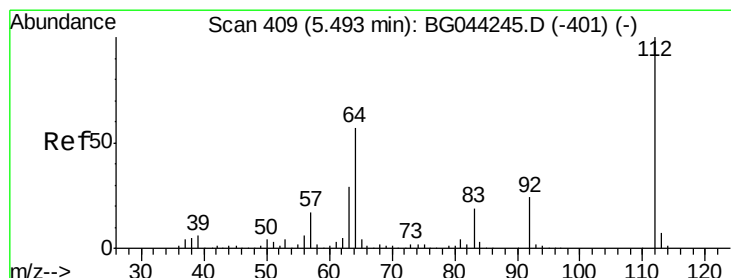
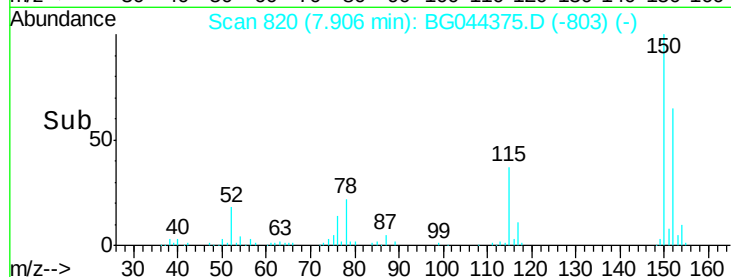
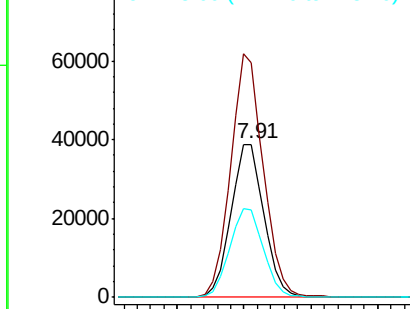


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

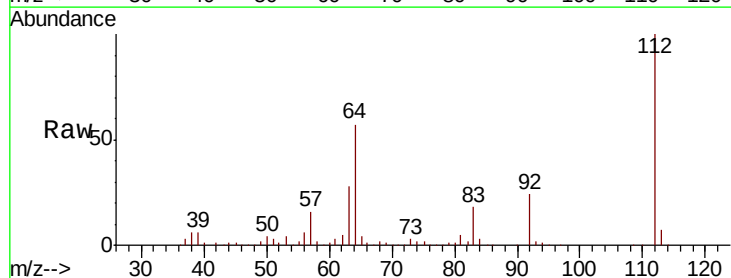
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.847 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044375.D
Acq: 11 Feb 2020 5:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.4	68.2
63	28.4	22.9	34.3

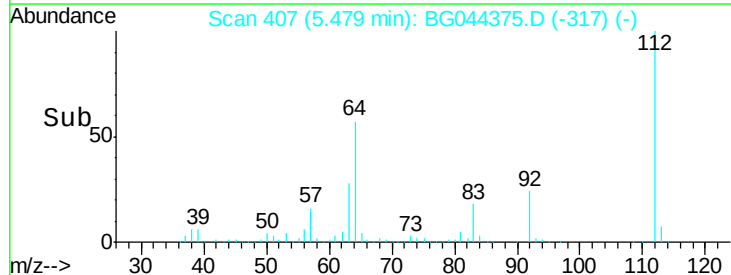
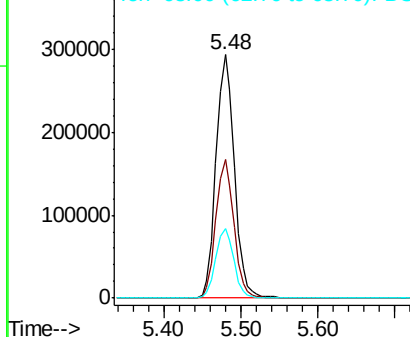


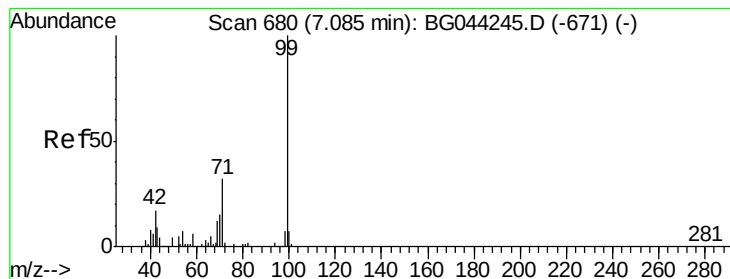
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 128.113 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044375.D

Acq: 11 Feb 2020 5:10

Instrument :

BNA_G

ClientSampled :

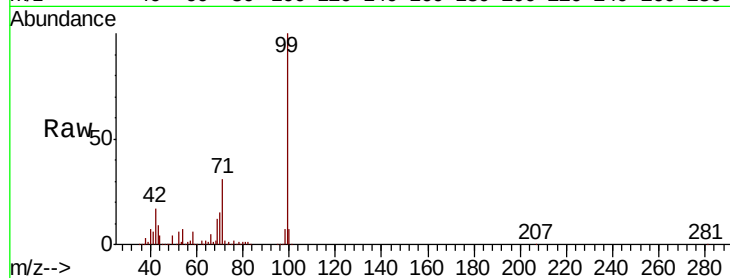
Tot Ion: 99 Resp: 649088

Ion Ratio Lower Upper

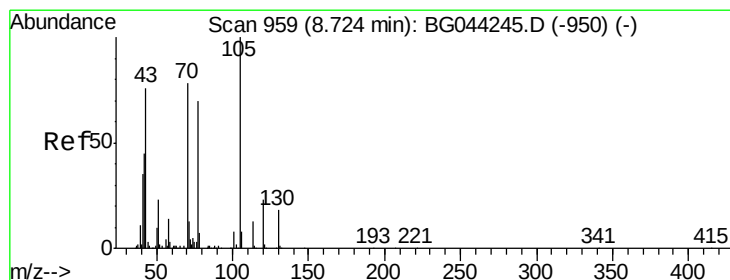
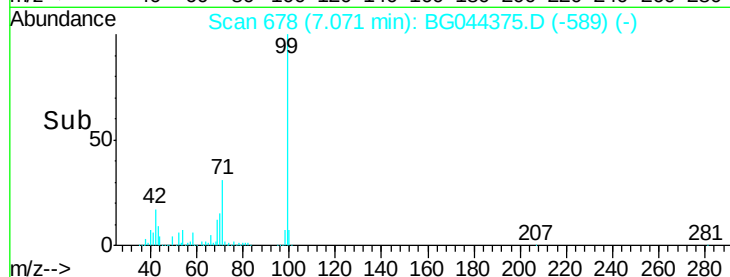
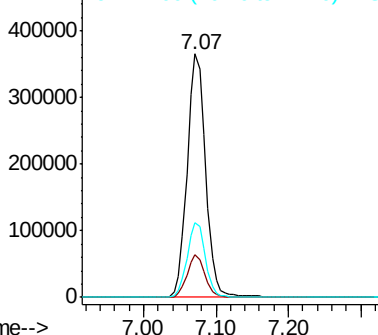
99 100

42 17.4 13.8 20.6

71 30.8 25.5 38.3



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: 14.644 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044375.D

Acq: 11 Feb 2020 5:10

Tgt Ion: 70 Resp: 49446

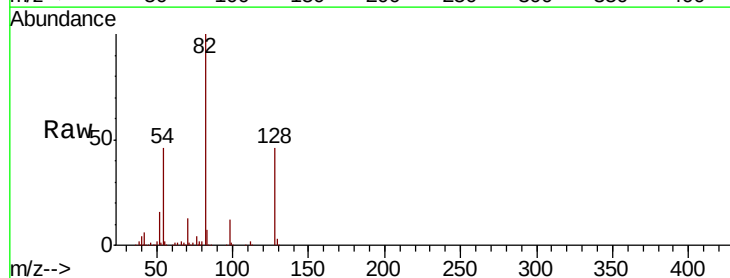
Ion Ratio Lower Upper

70 100

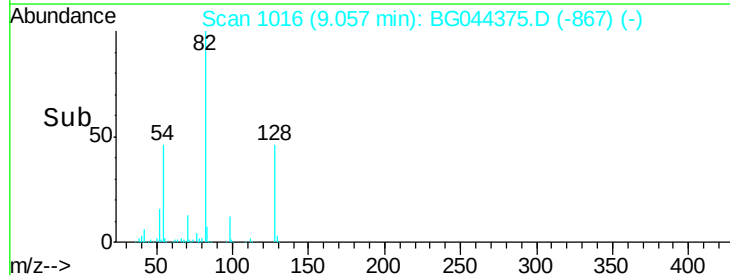
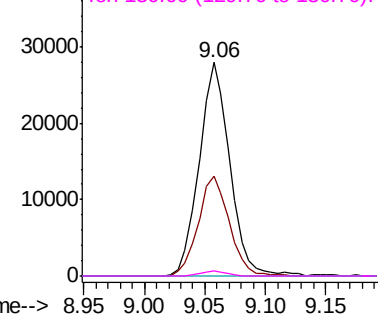
42 47.0 46.2 69.2

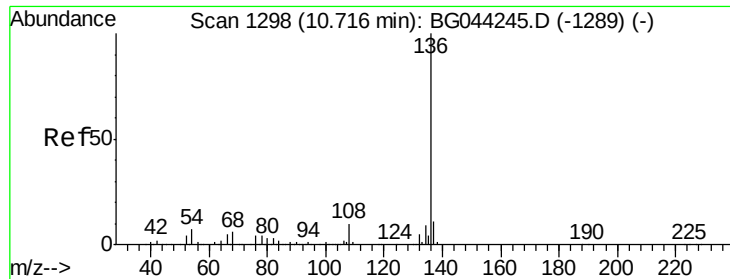
101 0.0 8.4 12.6#

130 2.3 17.8 26.8#



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

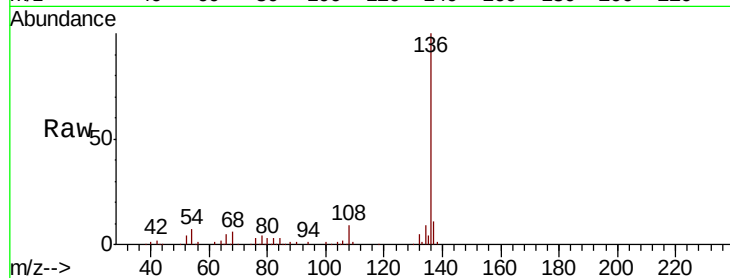




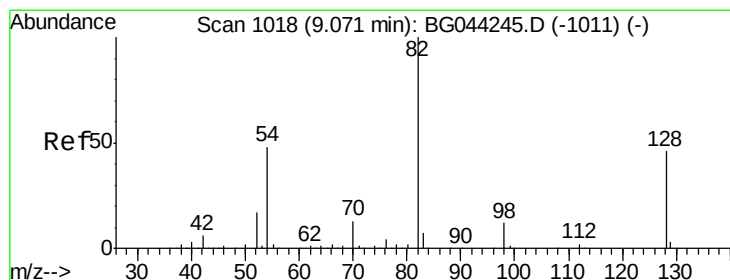
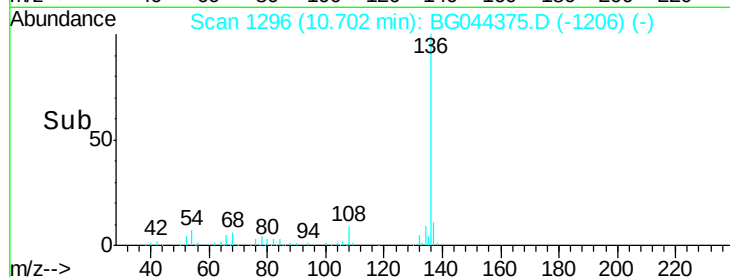
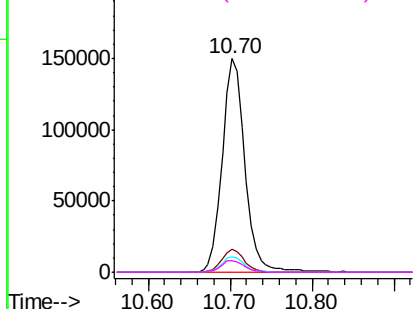
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044375.D
Acq: 11 Feb 2020 5:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	289646
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	7.0	5.8 8.8
68	5.5	4.6 6.8

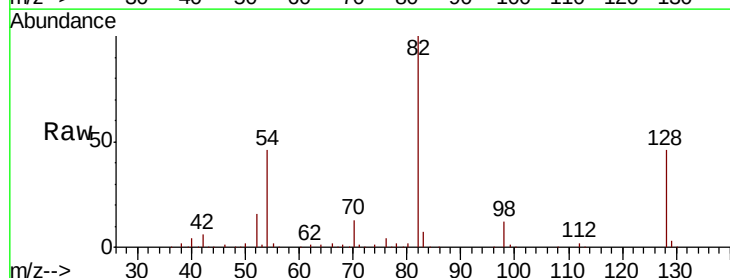


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

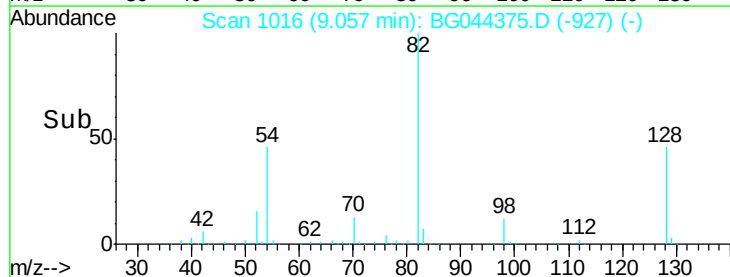
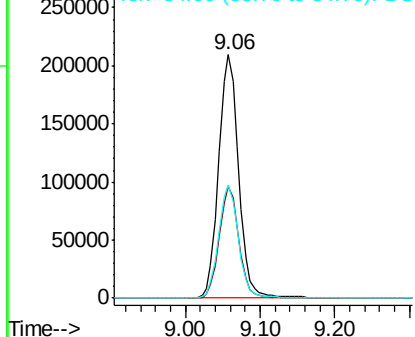


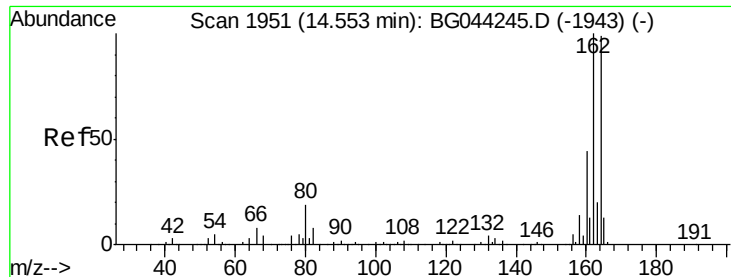
#23
Nitrobenzene-d5
Concen: 76.099 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044375.D
Acq: 11 Feb 2020 5:10

Tgt Ion: 82	Resp:	390422
Ion Ratio	Lower	Upper
82	100	
128	46.1	36.5 54.7
54	46.5	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: BG044375.D

Acq: 11 Feb 2020 5:10

Instrument :

BNA_G

ClientSampleId :

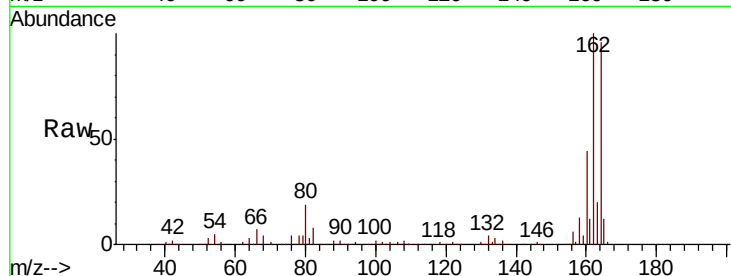
Tot Ion:164 Resp: 202876

Ion Ratio Lower Upper

164 100

162 104.2 80.7 121.1

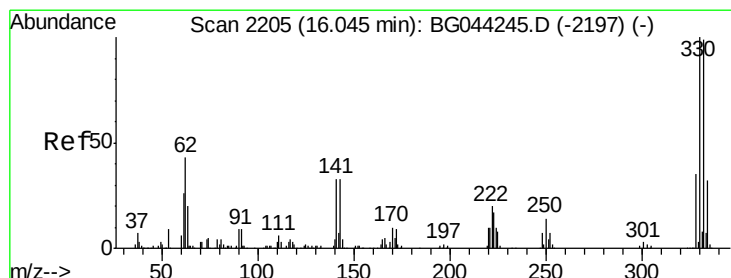
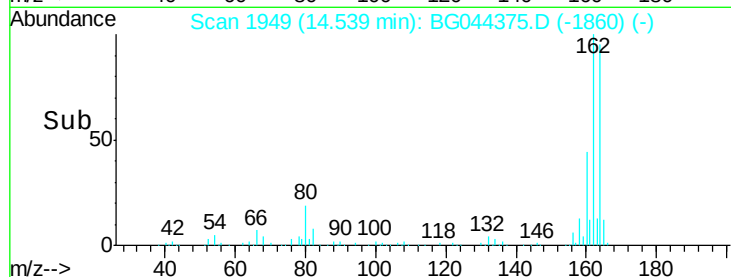
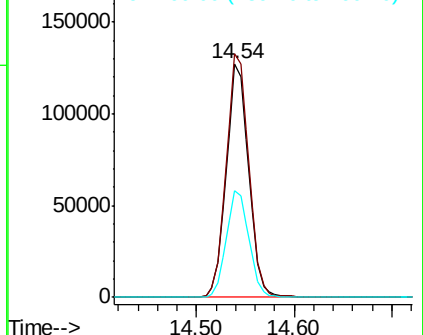
160 45.6 35.3 52.9



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: 120.806 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044375.D

Acq: 11 Feb 2020 5:10

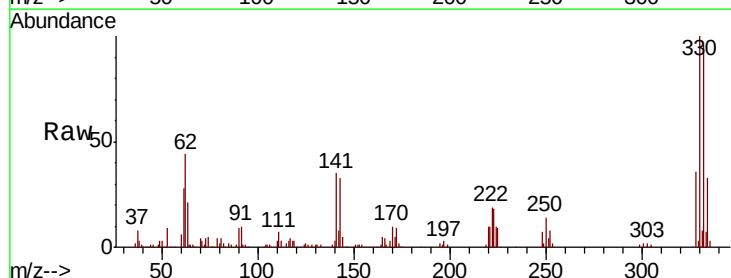
Tgt Ion:330 Resp: 287717

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

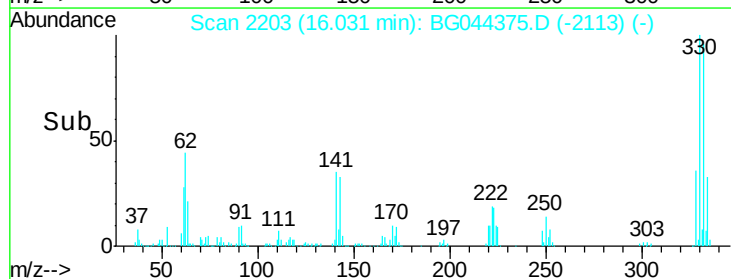
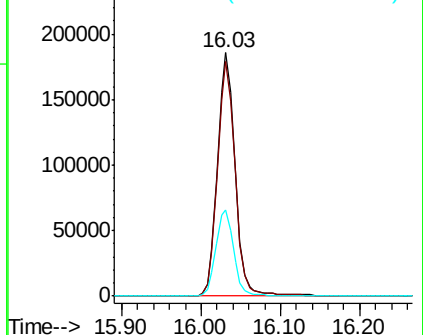
141 35.8 28.3 42.5

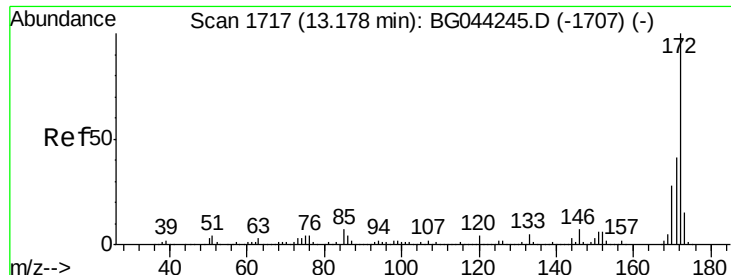


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

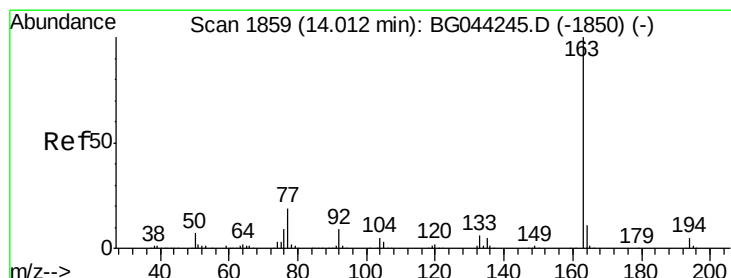
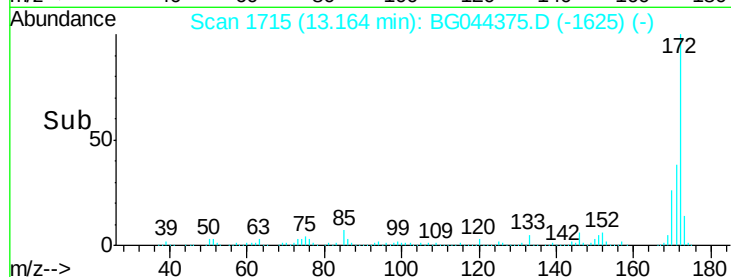
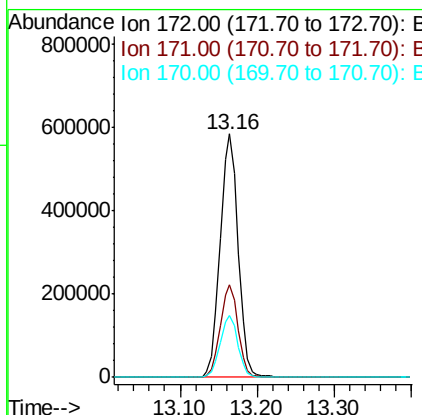
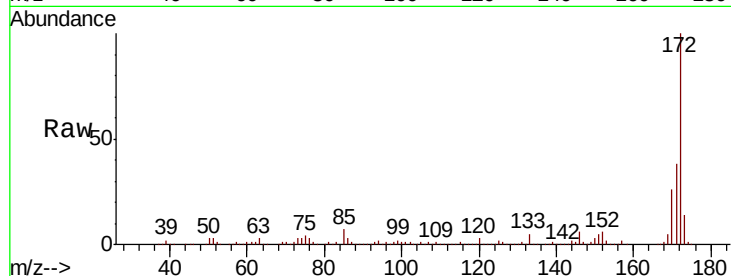




#45
2-Fluorobiphenyl
Concen: 77.851 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044375.D
Acq: 11 Feb 2020 5:10

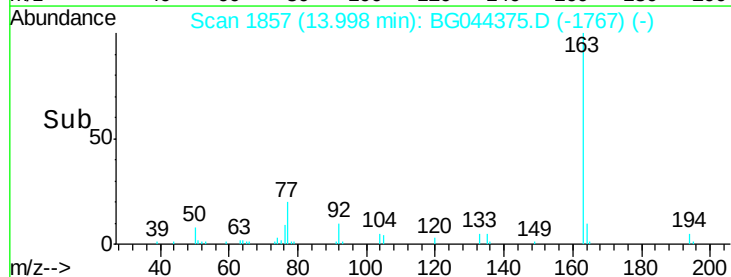
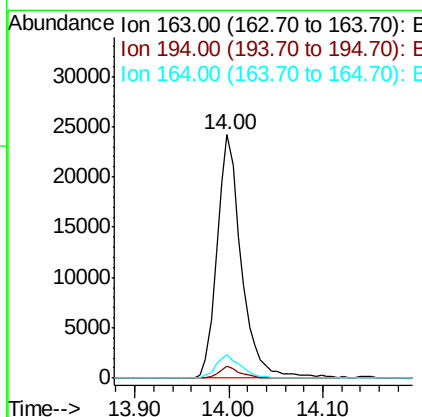
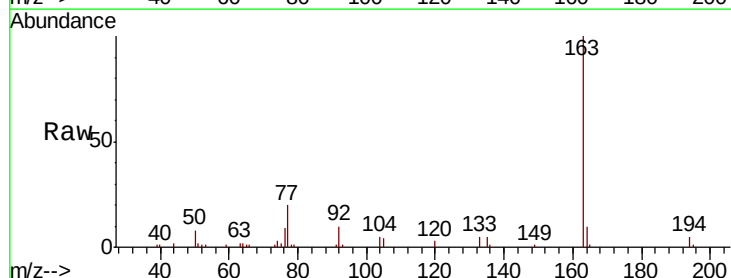
Instrument :
BNA_G
ClientSampleId :

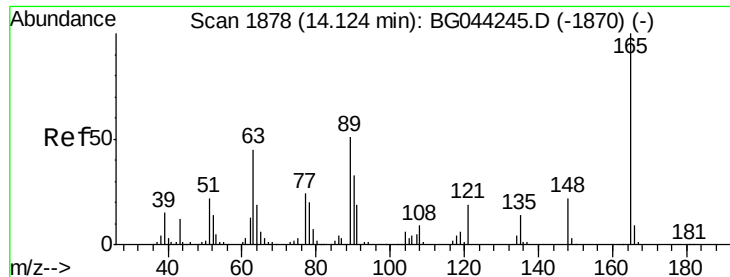
Tot Ion:172 Resp: 943181
Ion Ratio Lower Upper
172 100
171 37.8 32.9 49.3
170 25.6 22.0 33.0



#50
Dimethylphthalate
Concen: 2.999 ng
RT: 14.00 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG044375.D
Acq: 11 Feb 2020 5:10

Tgt Ion:163 Resp: 43740
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 9.7 8.7 13.1

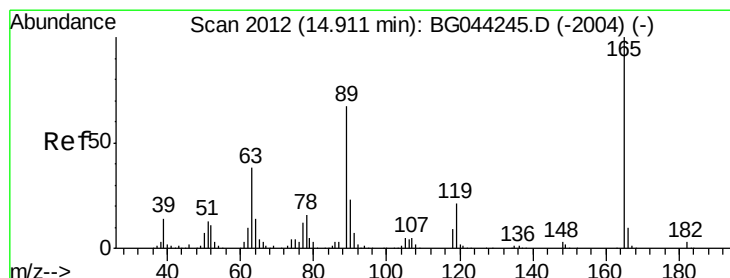
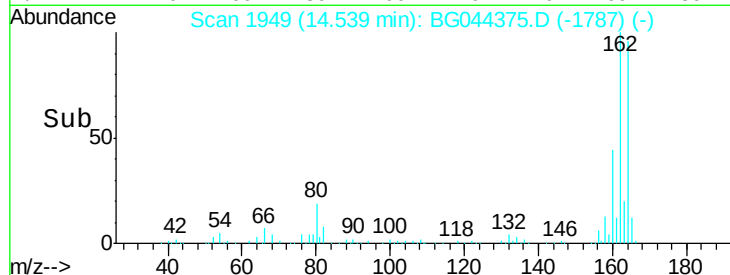
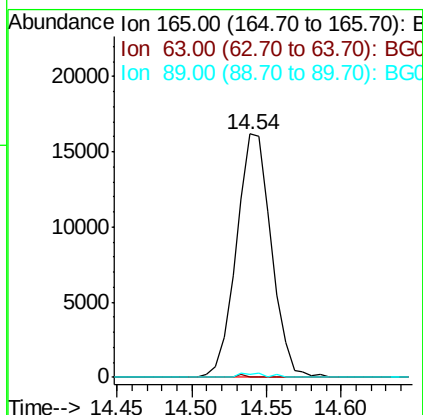
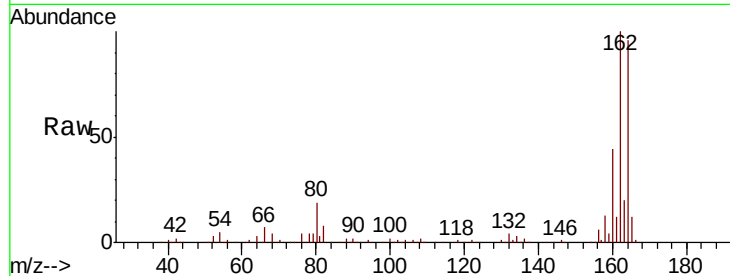




#51
 2,6-Dinitrotoluene
 Concen: 8.065 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG044375.D
 Acq: 11 Feb 2020 5:10

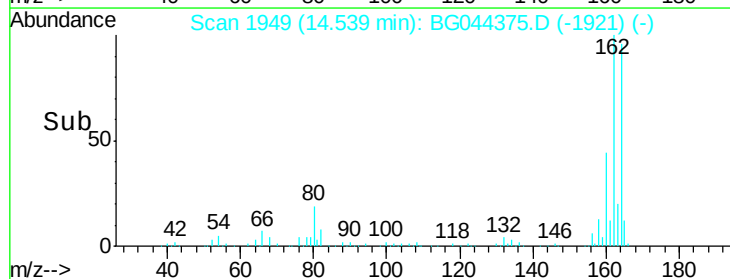
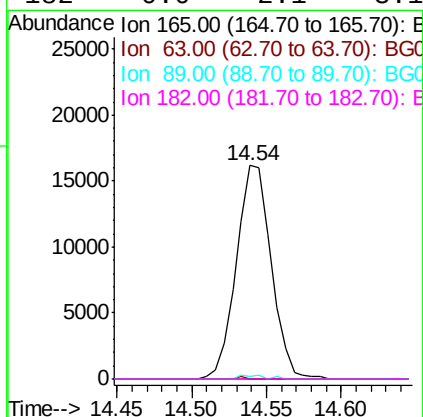
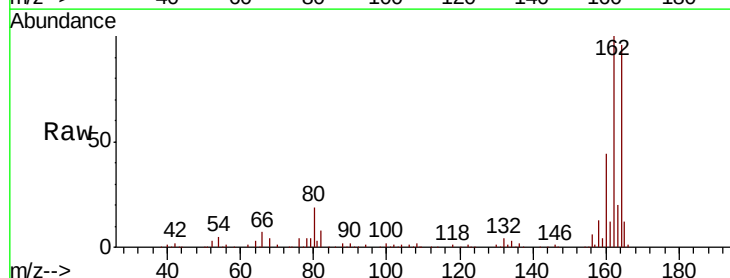
Instrument :
 BNA_G
 ClientSampleId :

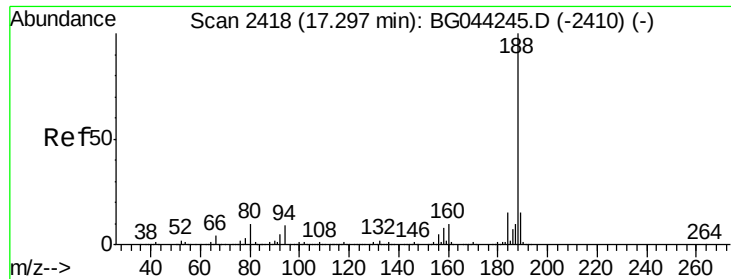
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.4	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.754 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG044375.D
 Acq: 11 Feb 2020 5:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.4	53.4	80.2#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG044375.D

Acq: 11 Feb 2020 5:10

Instrument :

BNA_G

ClientSampled :

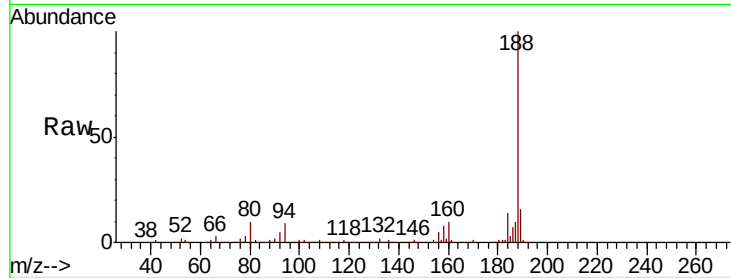
Tot Ion:188 Resp: 488930

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 9.9 7.7 11.5

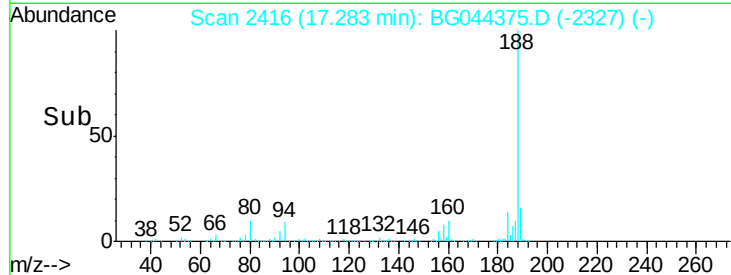


Abundance Ion 188.00 (187.70 to 188.70): E

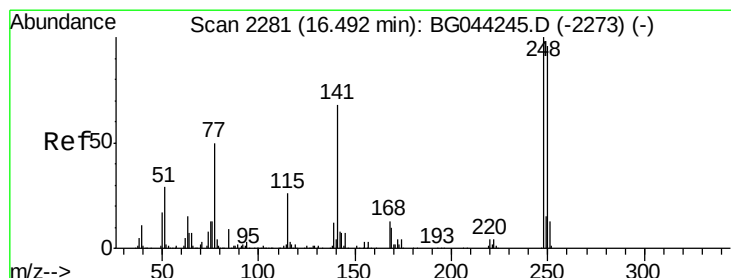
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.734 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.45 min

Lab File: BG044375.D

Acq: 11 Feb 2020 5:10

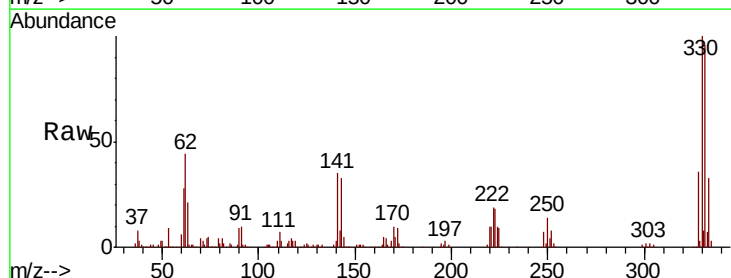
Tgt Ion:248 Resp: 19889

Ion Ratio Lower Upper

248 100

250 203.8 76.6 114.8#

141 511.4 54.7 82.1#

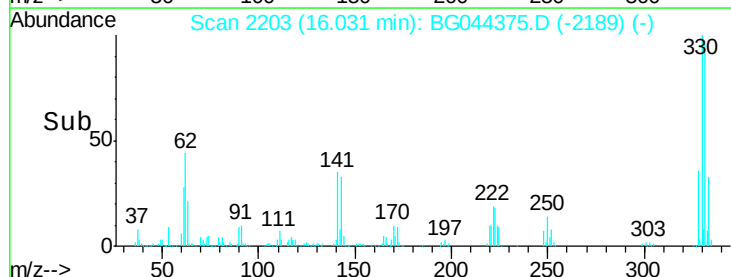


Abundance Ion 248.00 (247.70 to 248.70): E

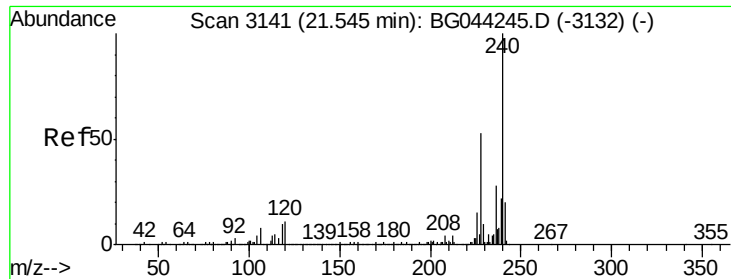
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



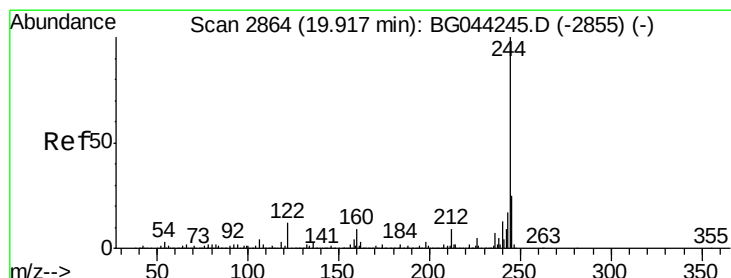
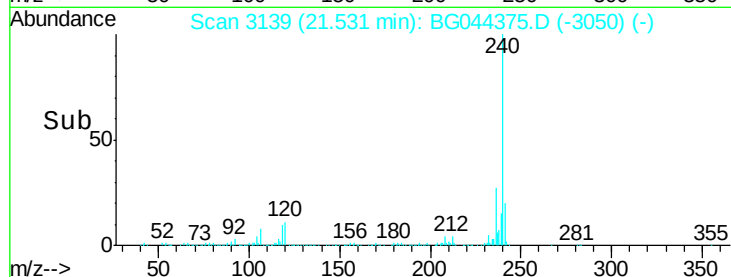
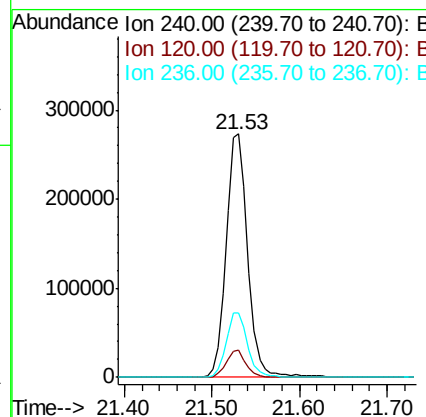
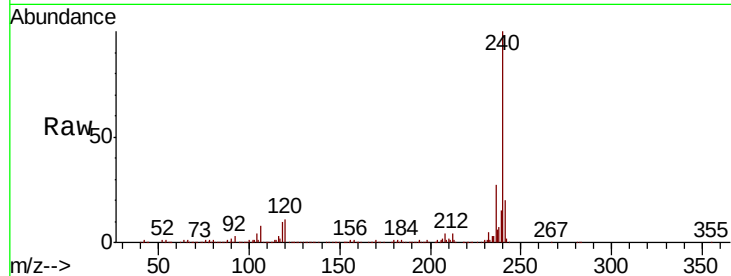
Time-->



#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044375.D
 Acq: 11 Feb 2020 5:10

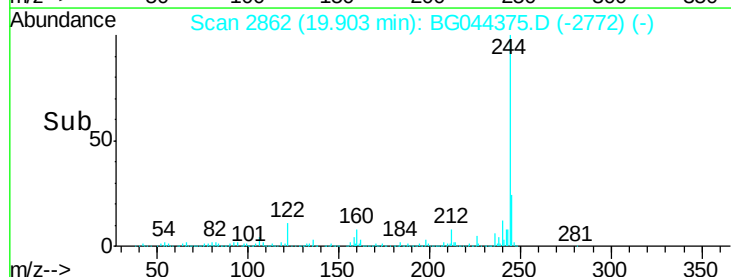
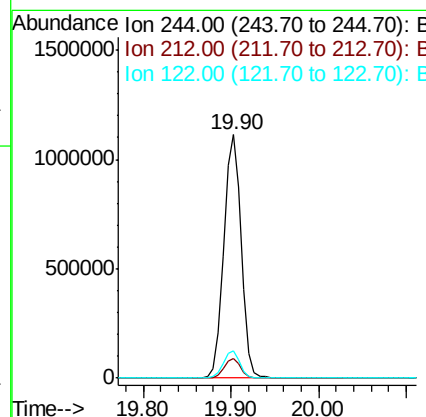
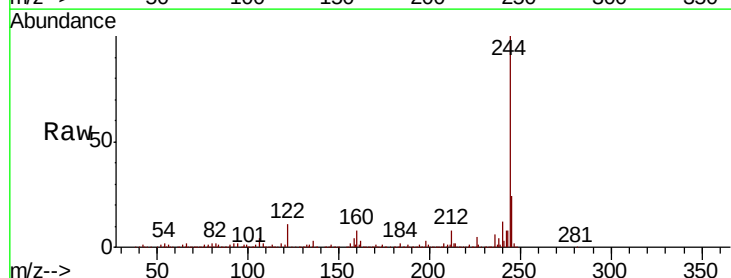
Instrument :
 BNA_G
 ClientSampleId :

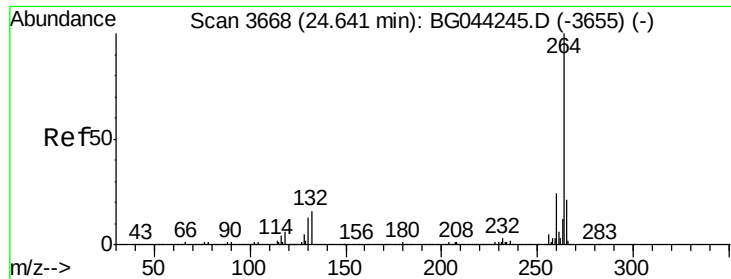
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.4	12.6
236	26.6	22.1	33.1



#79
 Terphenyl-d14
 Concen: 68.407 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044375.D
 Acq: 11 Feb 2020 5:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.2
122	11.3	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044375.D
Acq: 11 Feb 2020 5:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.2	16.7	25.1

