

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044373.D
 Acq On : 11 Feb 2020 3:52
 Operator : CG/JU
 Sample : L1472-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 06:24:34 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

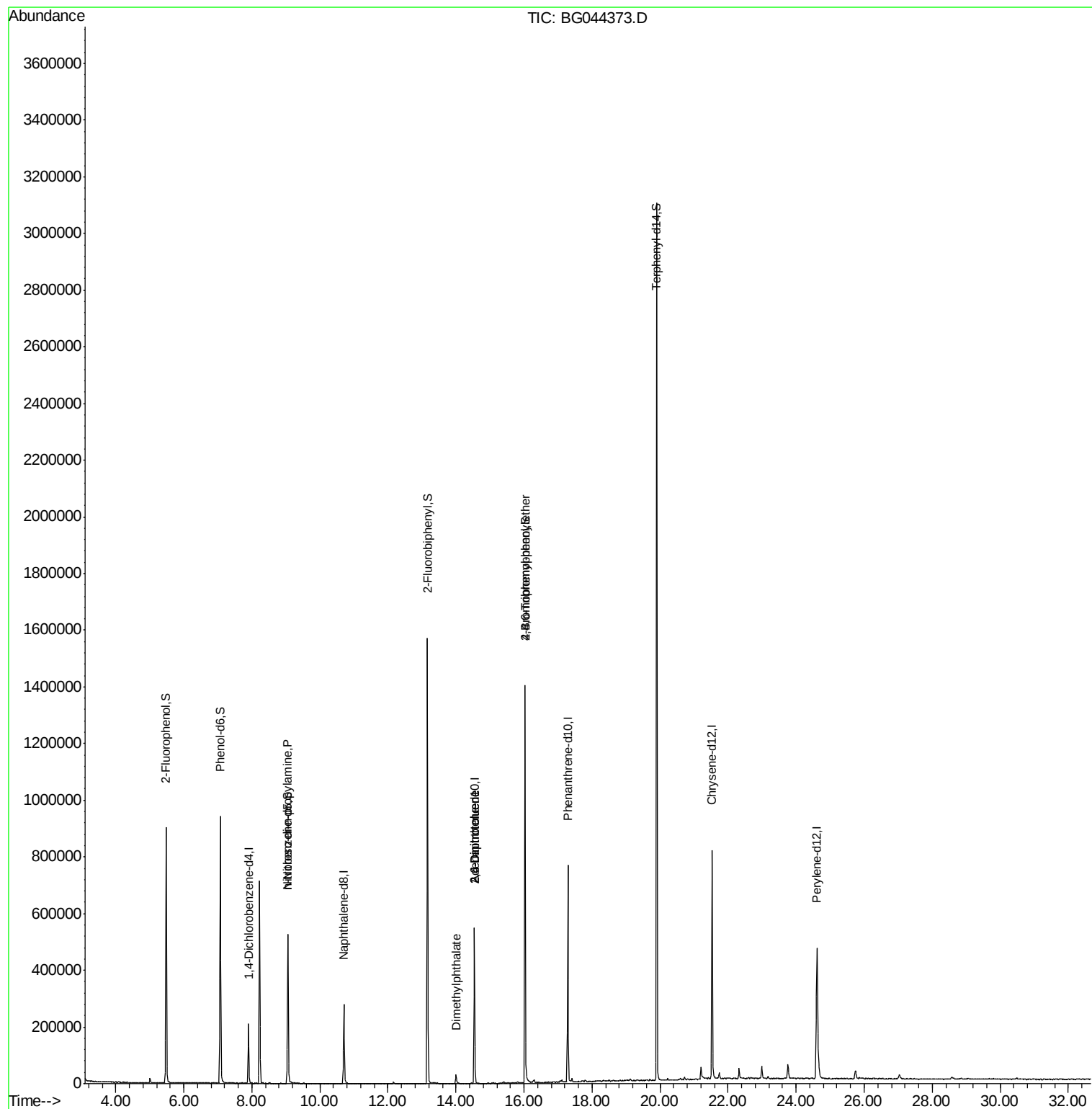
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	62753	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	276855	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	198939	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	490245	20.00	ng	0.00
76) Chrysene-d12	21.53	240	479709	20.00	ng	0.00
87) Perylene-d12	24.61	264	490932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	451014	126.84	ng	0.00
7) Phenol-d6	7.07	99	605530	126.82	ng	0.00
23) Nitrobenzene-d5	9.06	82	361458	73.71	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	281353	120.47	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	885535	74.54	ng	0.00
79) Terphenyl-d14	19.90	244	1498360	64.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	45404	14.268	ng	# 76
50) Dimethylphthalate	14.00	163	31263	2.186	ng	# 95
51) 2,6-Dinitrotoluene	14.54	165	25819	8.098	ng	# 30
57) 2,4-Dinitrotoluene	14.54	165	25819	5.777	ng	# 28
67) 4-Bromophenyl-phenylether	16.03	248	19888	3.724	ng	# 1

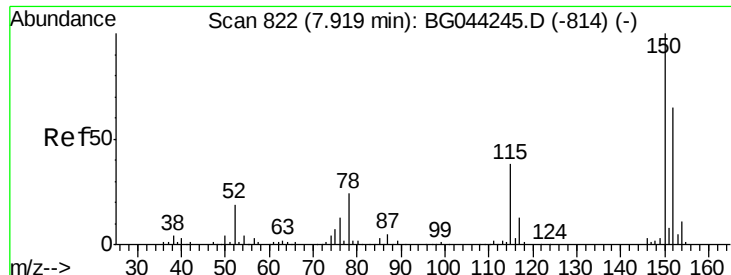
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
ClientSampleId :

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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



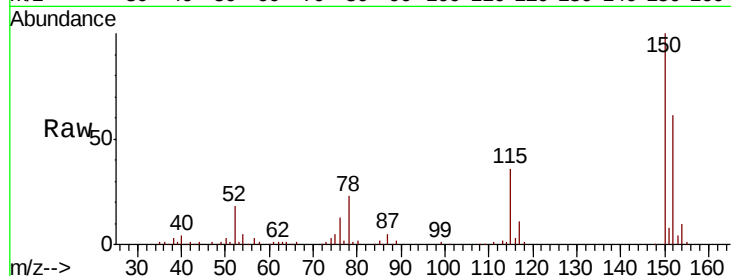


#1

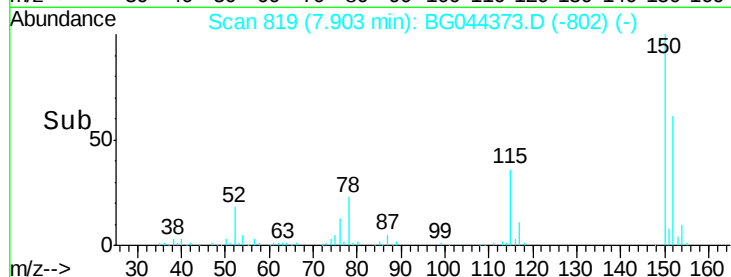
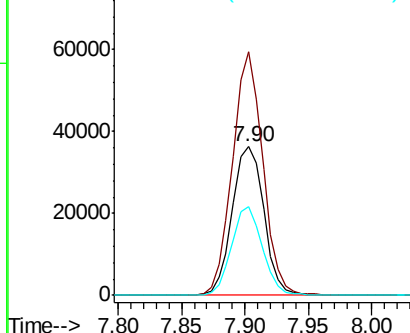
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG044373.D
 Acq: 11 Feb 2020 3:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	122.6	183.8
115	59.7	46.0	69.0



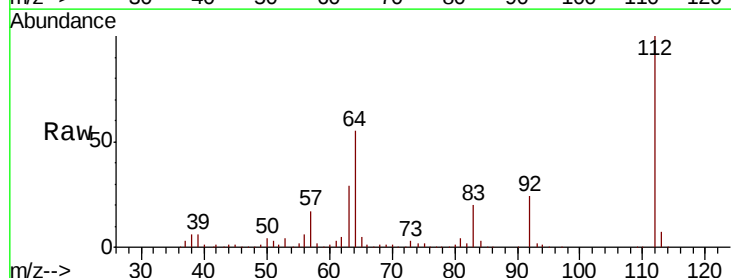
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



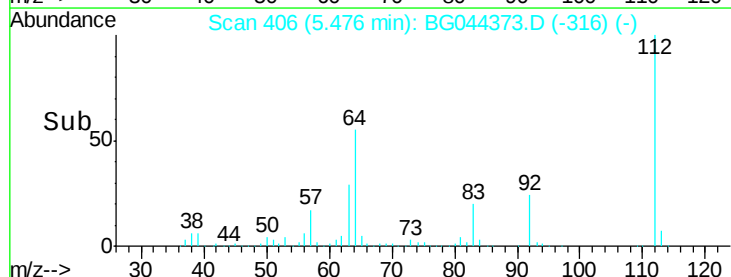
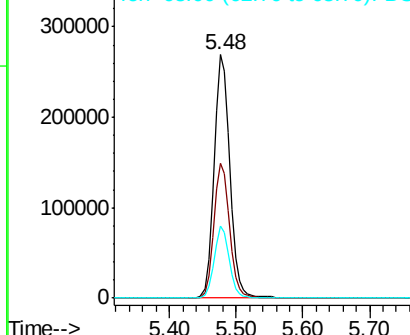
#5

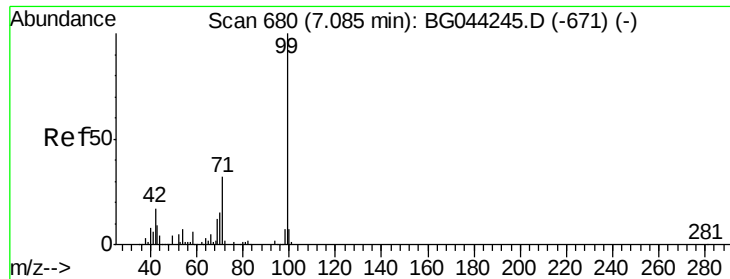
2-Fluorophenol
 Concen: 126.842 ng
 RT: 5.48 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BG044373.D
 Acq: 11 Feb 2020 3:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.4	68.2
63	29.4	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: 126.818 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044373.D

Acq: 11 Feb 2020 3:52

Instrument :

BNA_G

ClientSampleId :

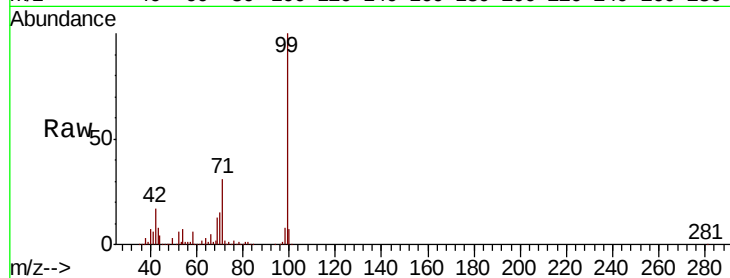
Tot Ion: 99 Resp: 605530

Ion Ratio Lower Upper

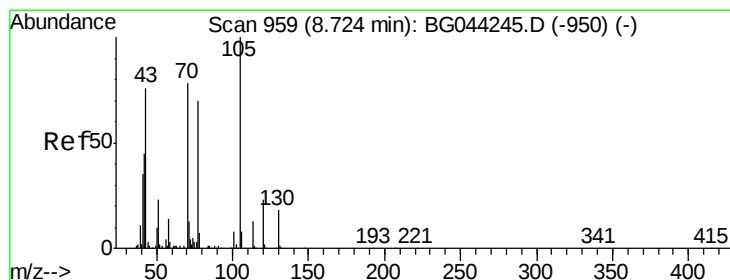
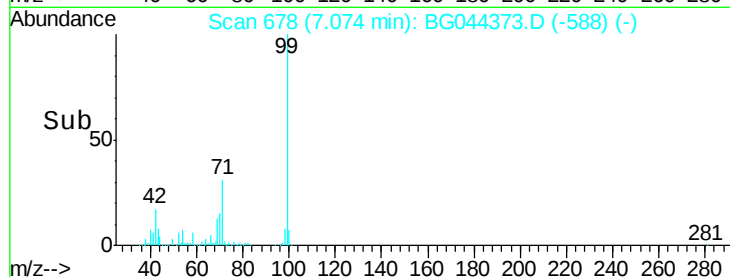
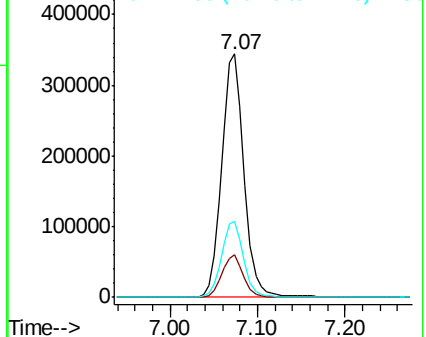
99 100

42 17.4 13.8 20.6

71 31.1 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: 14.268 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044373.D

Acq: 11 Feb 2020 3:52

Tgt Ion: 70 Resp: 45404

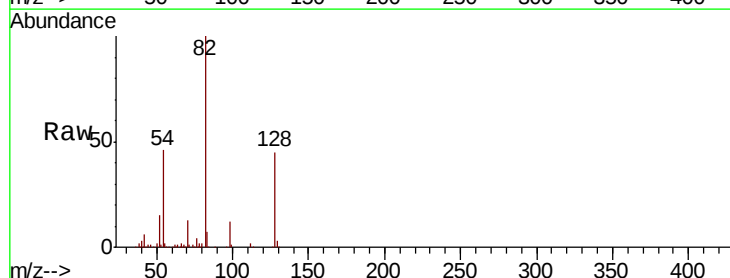
Ion Ratio Lower Upper

70 100

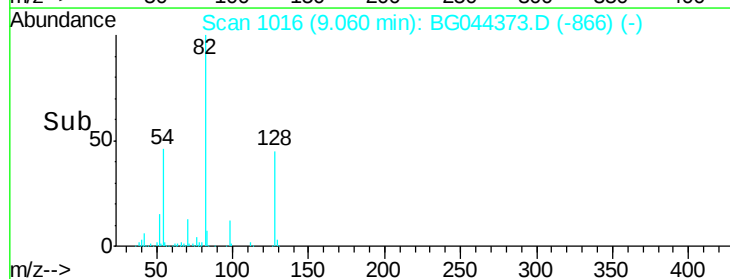
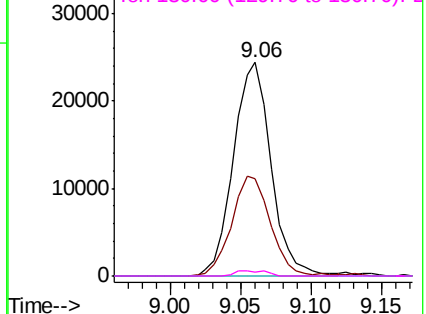
42 45.5 46.2 69.2#

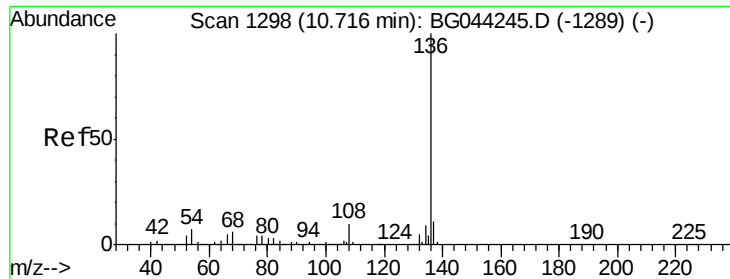
101 0.0 8.4 12.6#

130 2.0 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

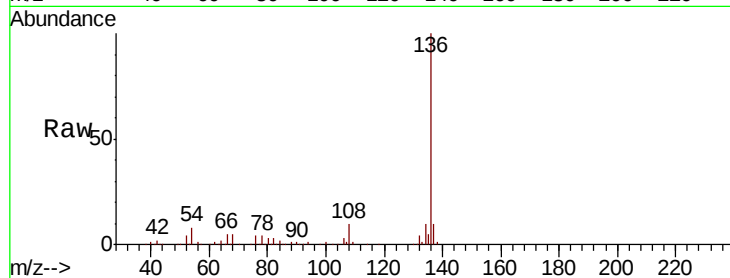




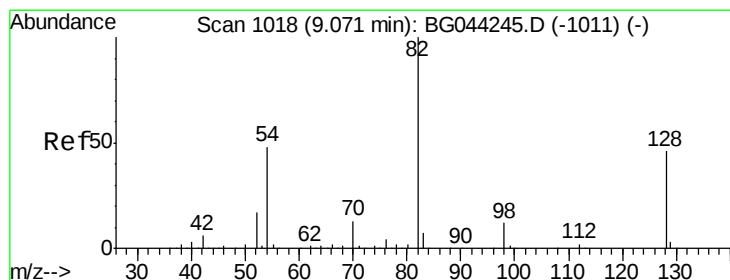
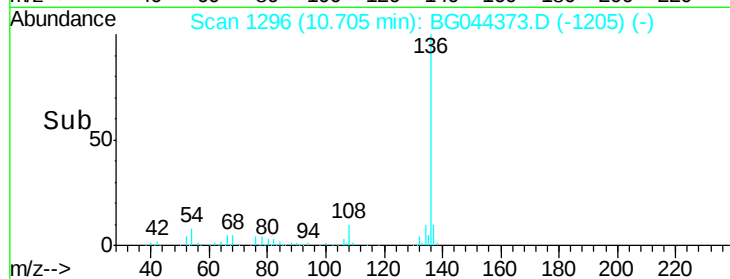
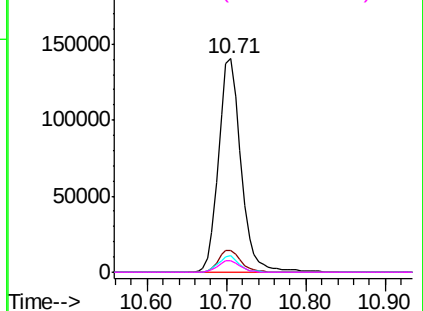
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044373.D
Acq: 11 Feb 2020 3:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	276855
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.8	13.2
54 7.9	5.8	8.8
68 5.4	4.6	6.8

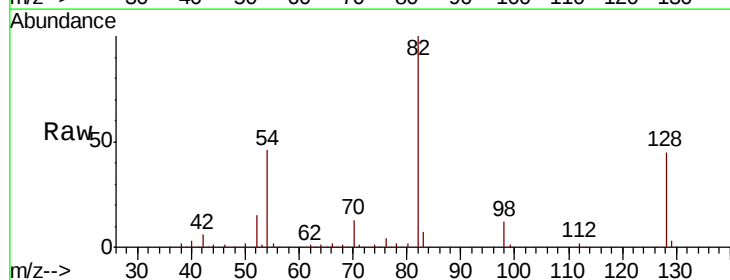


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

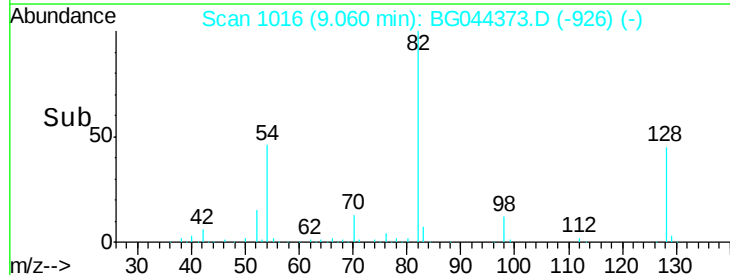
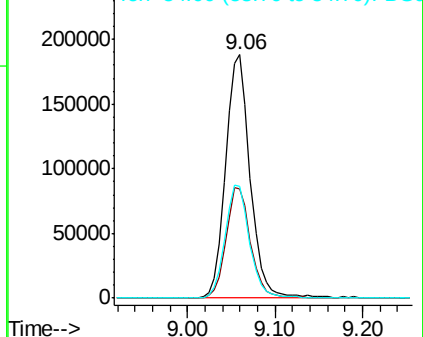


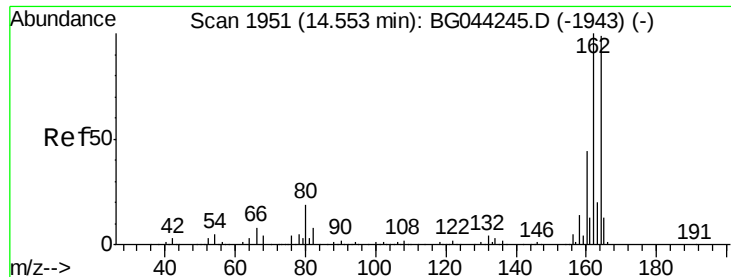
#23
Nitrobenzene-d5
Concen: 73.709 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044373.D
Acq: 11 Feb 2020 3:52

Tgt Ion: 82	Resp: 361458
Ion Ratio	Lower Upper
82 100	
128 45.1	36.5 54.7
54 45.8	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. -0.00 min

Lab File: BG044373.D

Acq: 11 Feb 2020 3:52

Instrument :

BNA_G

ClientSampleId :

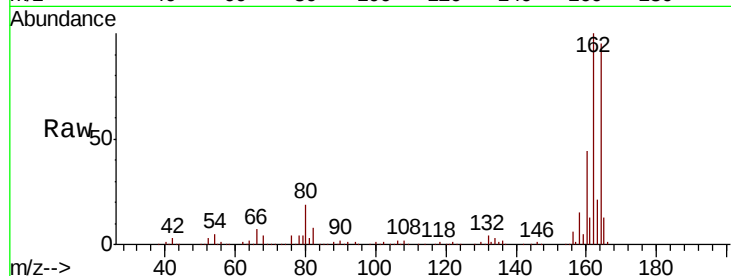
Tot Ion:164 Resp: 198939

Ion Ratio Lower Upper

164 100

162 105.3 80.7 121.1

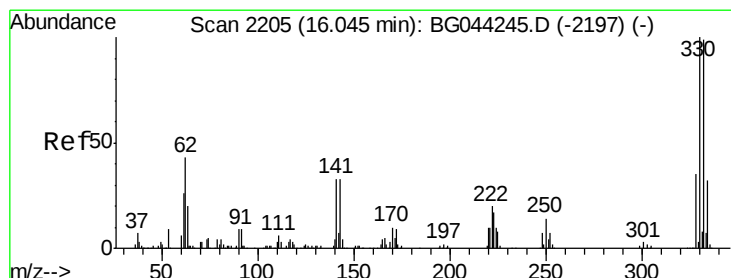
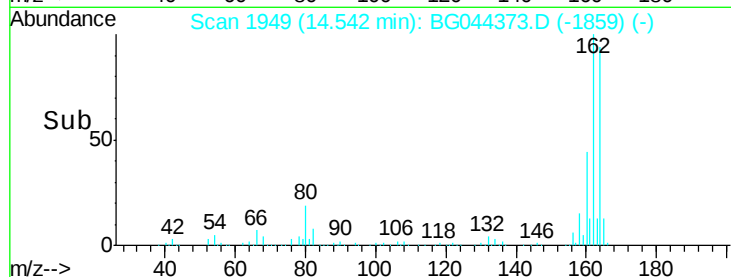
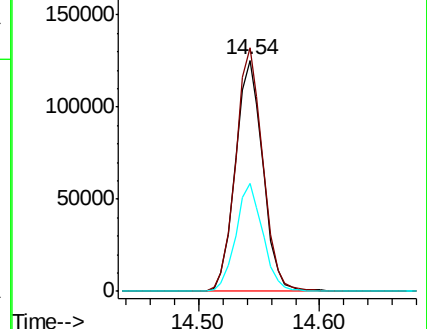
160 46.5 35.3 52.9



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: 120.472 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG044373.D

Acq: 11 Feb 2020 3:52

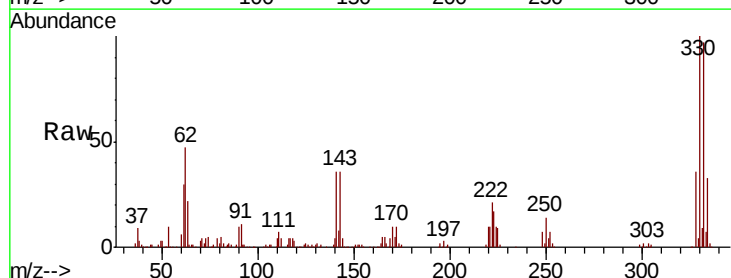
Tgt Ion:330 Resp: 281353

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

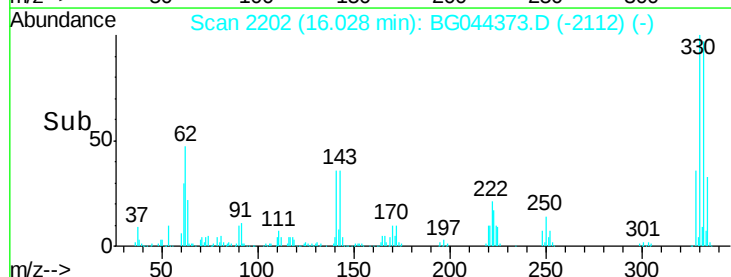
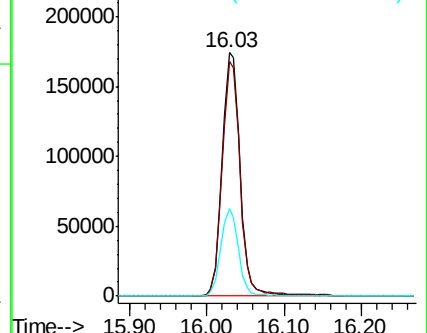
141 35.3 28.3 42.5



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

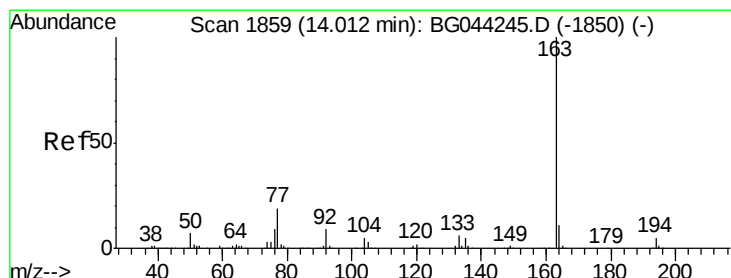
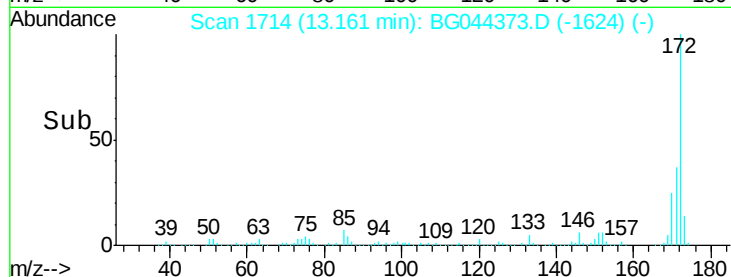
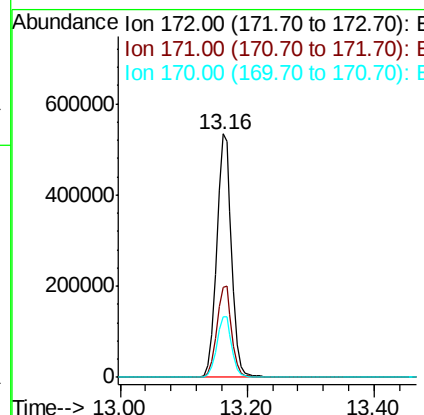
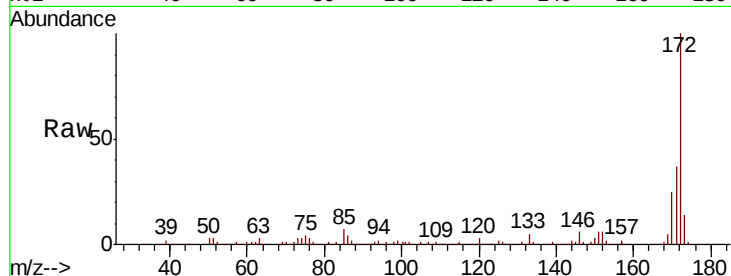




#45
2-Fluorobiphenyl
Concen: 74.539 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BG044373.D
Acq: 11 Feb 2020 3:52

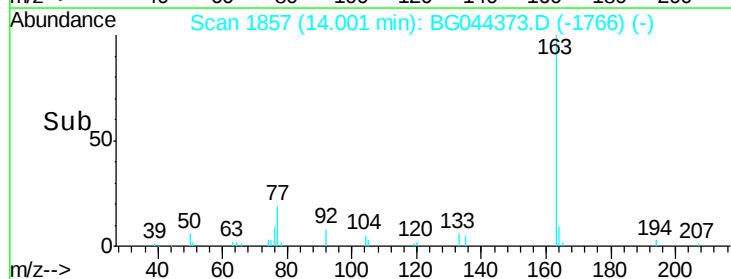
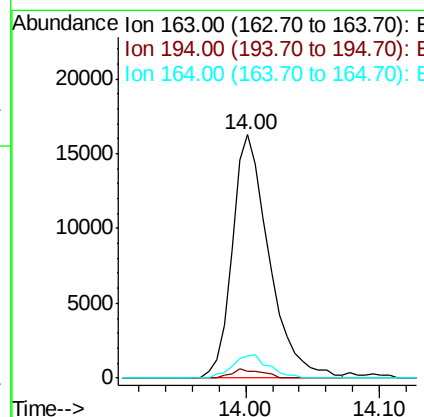
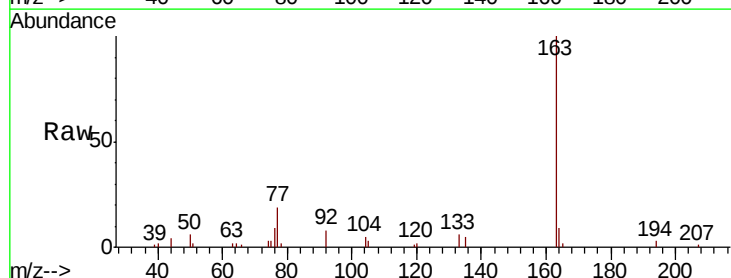
Instrument :
BNA_G
ClientSampleId :

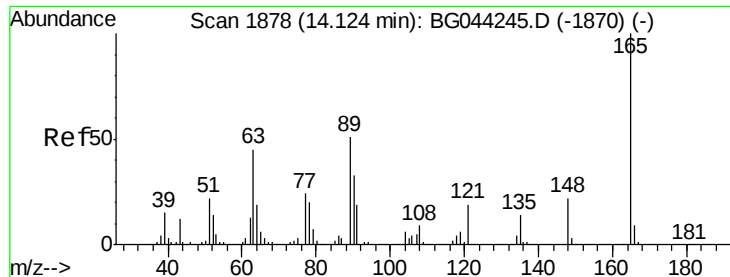
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.9	49.3
170	24.9	22.0	33.0



#50
Dimethylphthalate
Concen: 2.186 ng
RT: 14.00 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG044373.D
Acq: 11 Feb 2020 3:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.6	5.4#
164	8.9	8.7	13.1

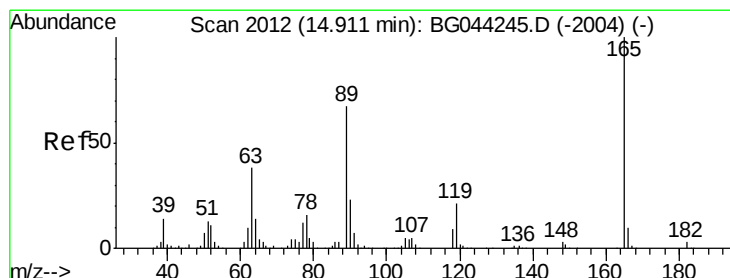
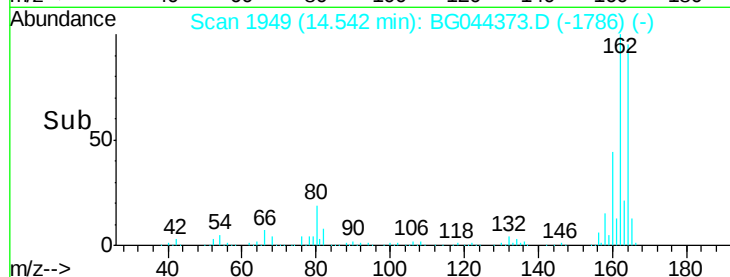
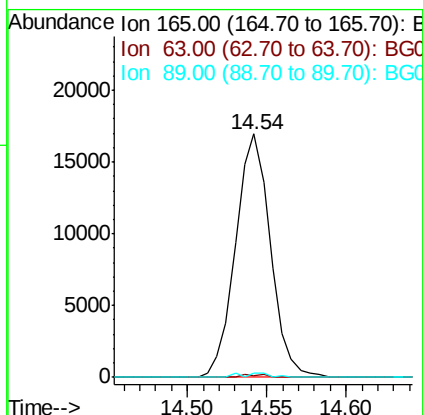
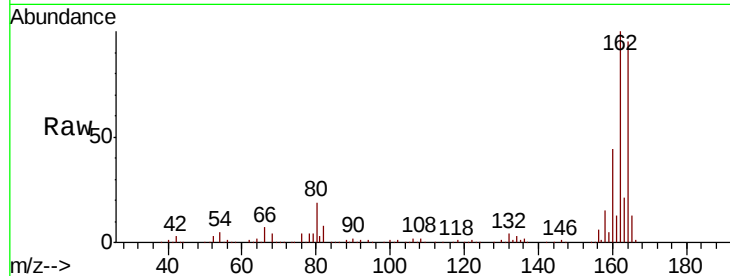




#51
 2,6-Dinitrotoluene
 Concen: 8.098 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. 0.43 min
 Lab File: BG044373.D
 Acq: 11 Feb 2020 3:52

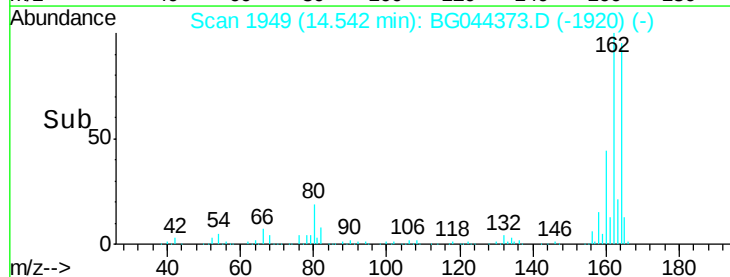
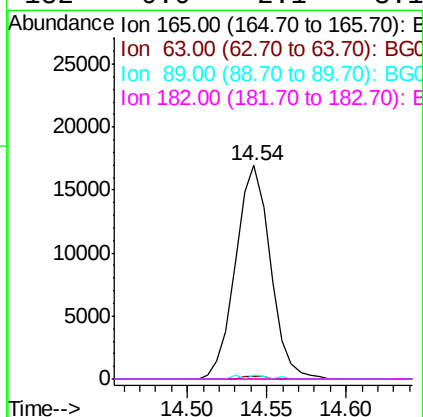
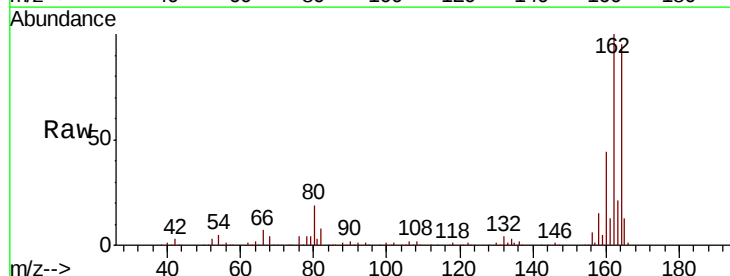
Instrument :
 BNA_G
 ClientSampleId :

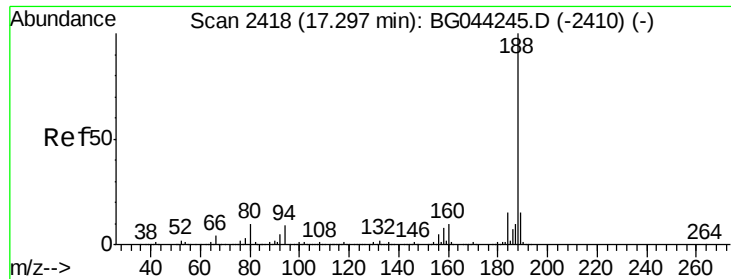
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.7	58.1#
89	1.9	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.777 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG044373.D
 Acq: 11 Feb 2020 3:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	30.3	45.5#
89	1.9	53.4	80.2#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044373.D

Acq: 11 Feb 2020 3:52

Instrument :

BNA_G

ClientSampleId :

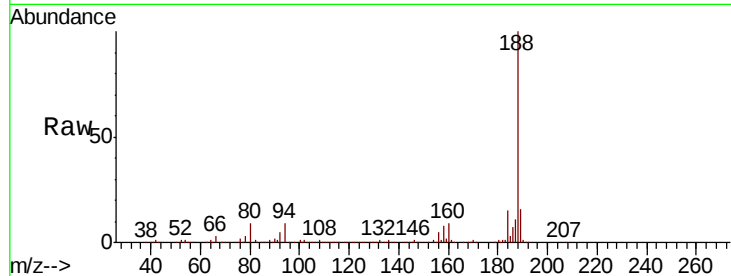
Tot Ion:188 Resp: 490245

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.2 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

400000

300000

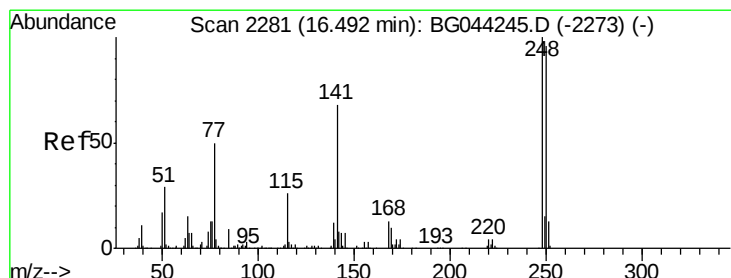
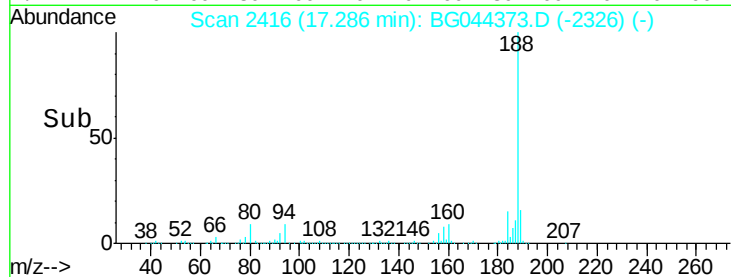
200000

100000

0

17.20 17.30 17.40

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.724 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.45 min

Lab File: BG044373.D

Acq: 11 Feb 2020 3:52

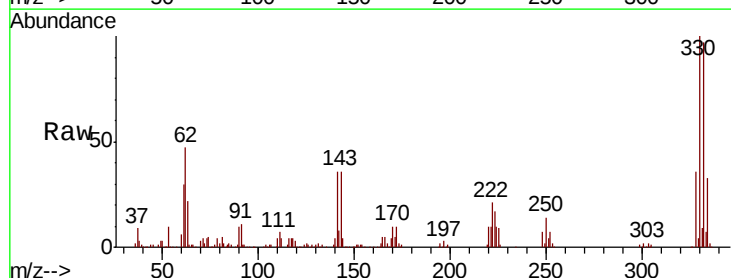
Tgt Ion:248 Resp: 19888

Ion Ratio Lower Upper

248 100

250 185.3 76.6 114.8#

141 486.5 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

80000

60000

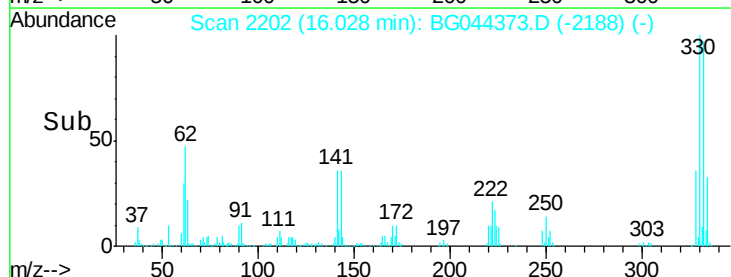
40000

20000

0

16.00 16.10

Time-->

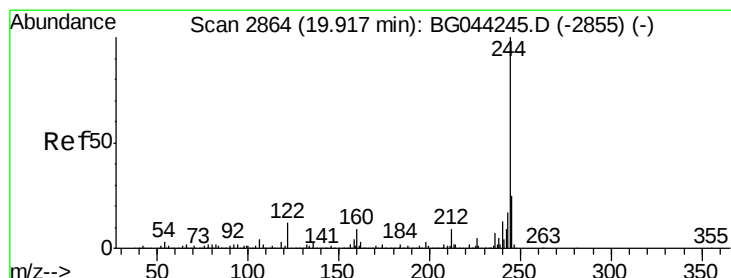
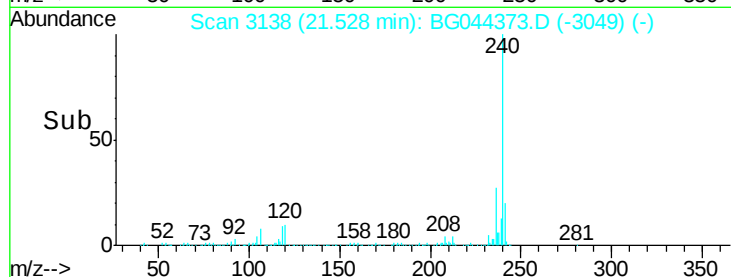
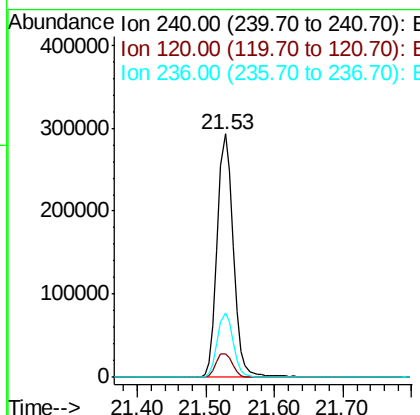
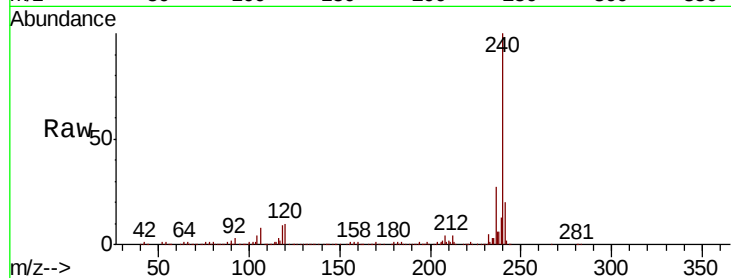




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044373.D
 Acq: 11 Feb 2020 3:52

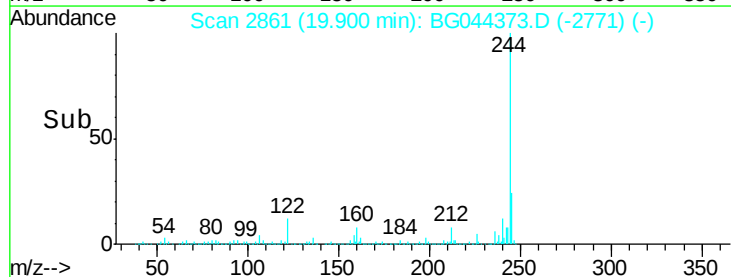
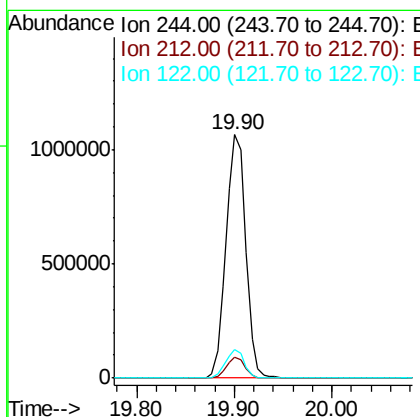
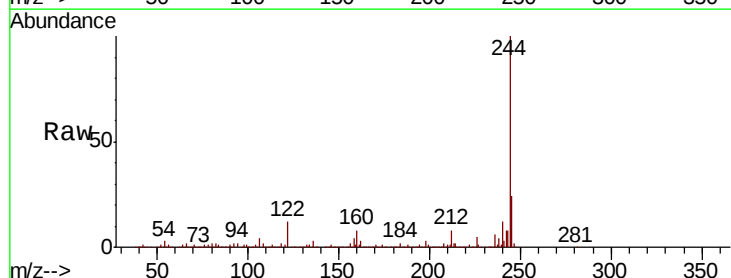
Instrument :
 BNA_G
 ClientSampleId :

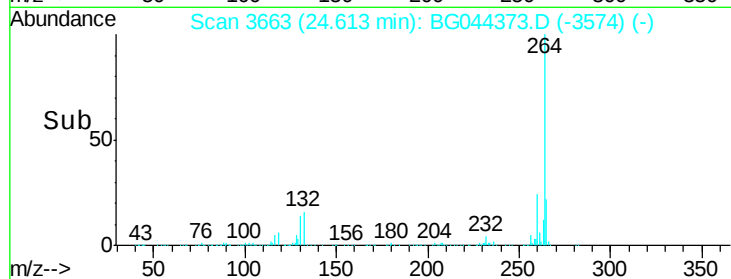
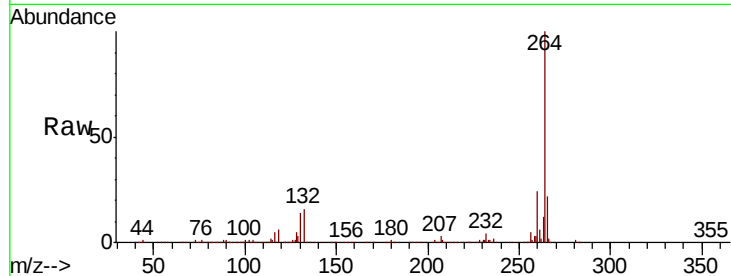
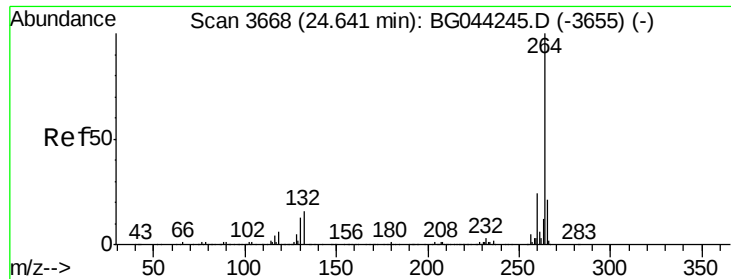
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	26.6	22.1	33.1



#79
 Terphenyl-d14
 Concen: 64.246 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG044373.D
 Acq: 11 Feb 2020 3:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	11.6	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: BG044373.D
 Acq: 11 Feb 2020 3:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.0	16.7	25.1

