

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044362.D
 Acq On : 10 Feb 2020 18:40
 Operator : CG/JU
 Sample : L1470-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 02:52:17 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

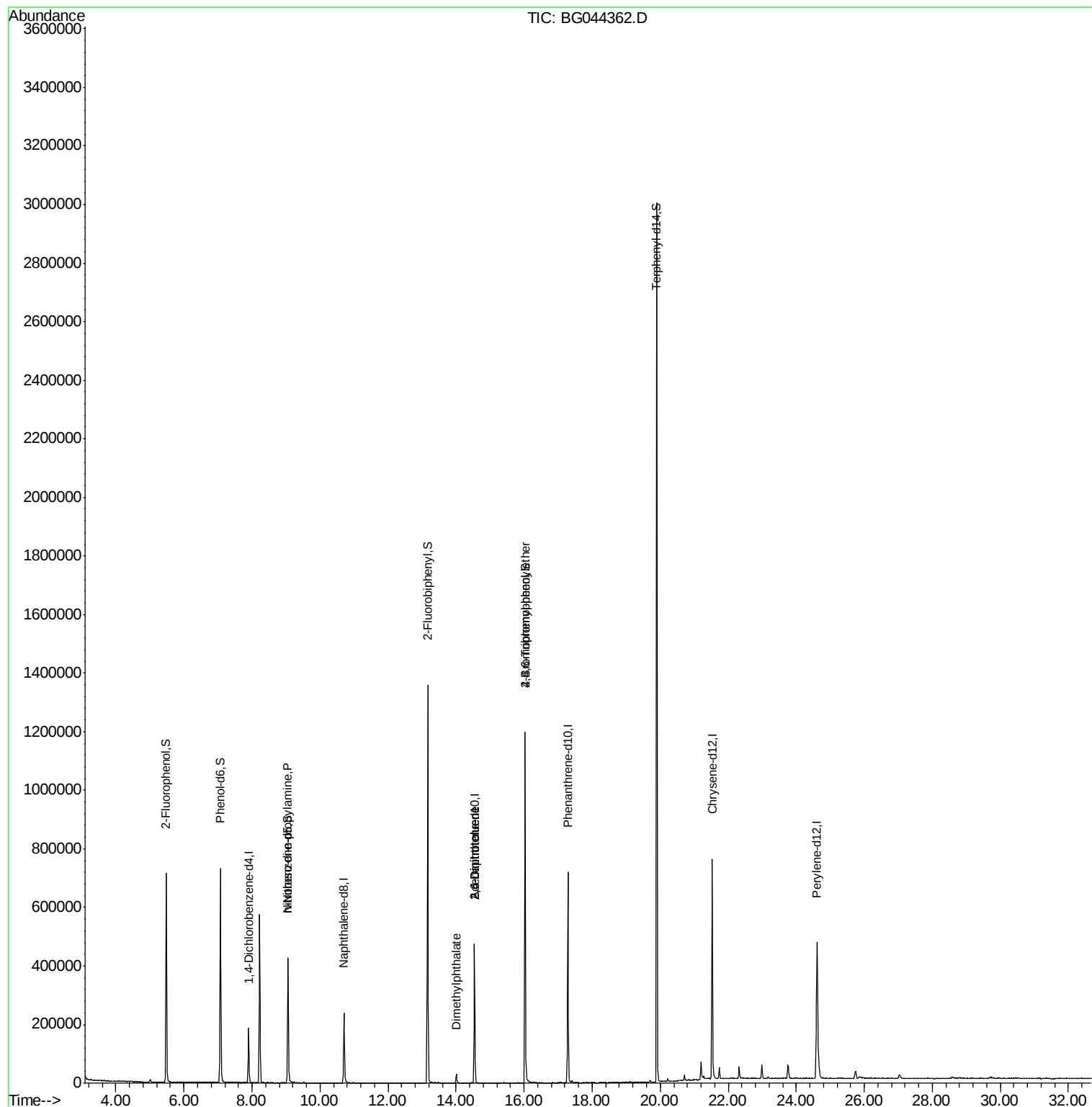
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	57876	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	244785	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	179375	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	471839	20.00	ng	0.00
76) Chrysene-d12	21.53	240	473181	20.00	ng	0.00
87) Perylene-d12	24.62	264	484274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	357368	108.97	ng	0.00
7) Phenol-d6	7.07	99	485362	110.22	ng	0.00
23) Nitrobenzene-d5	9.06	82	285995	65.96	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	244714	116.21	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	752698	70.27	ng	0.00
79) Terphenyl-d14	19.90	244	1477940	64.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	35771	12.188	ng	# 79
50) Dimethylphthalate	14.00	163	29255	2.269	ng	# 96
51) 2,6-Dinitrotoluene	14.54	165	23745	8.259	ng	# 29
57) 2,4-Dinitrotoluene	14.54	165	23745	5.893	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	16246	3.160	ng	# 1

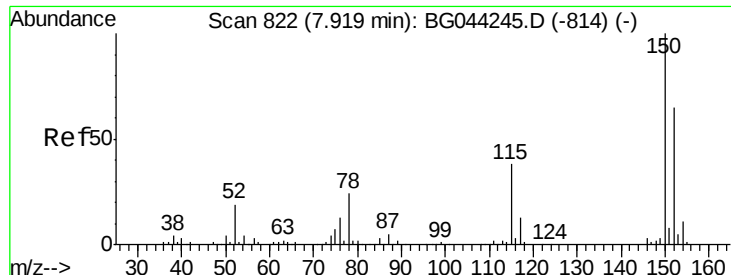
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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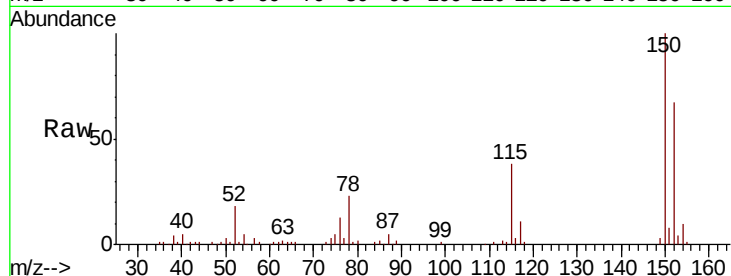


#1

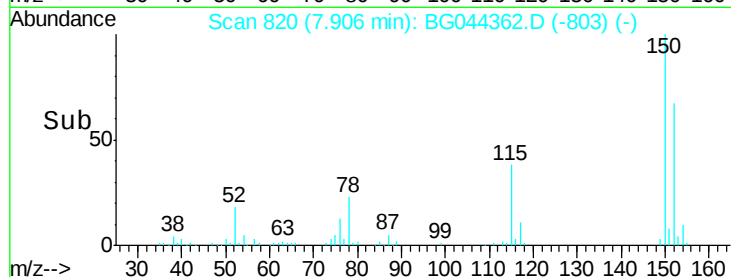
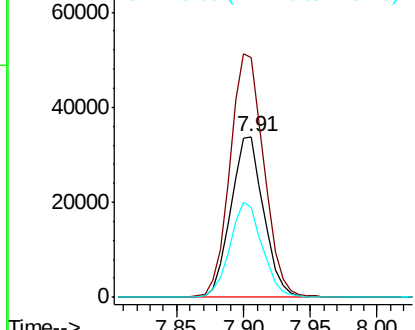
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG044362.D
Acq: 10 Feb 2020 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57876
Ion Ratio Lower Upper
152 100
150 149.0 122.6 183.8
115 56.2 46.0 69.0



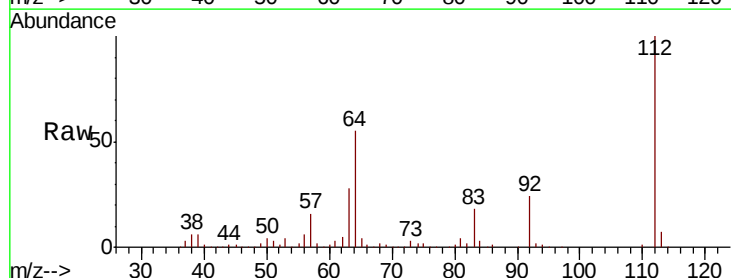
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



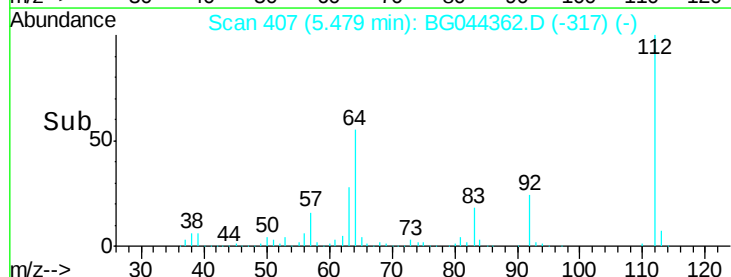
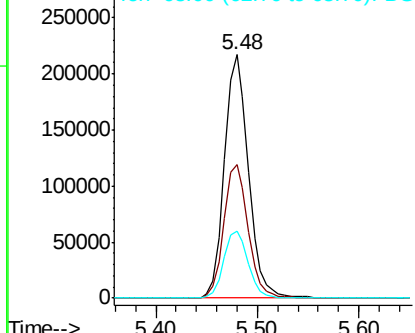
#5

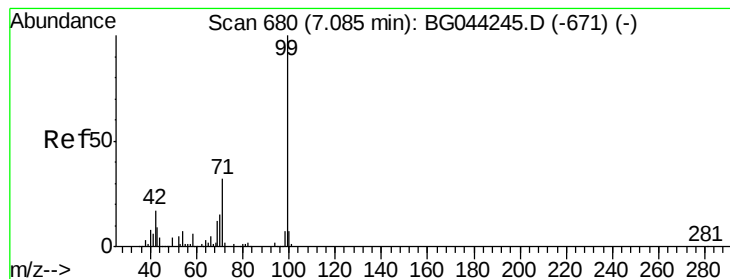
2-Fluorophenol
Concen: 108.974 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044362.D
Acq: 10 Feb 2020 18:40

Tgt Ion:112 Resp: 357368
Ion Ratio Lower Upper
112 100
64 54.9 45.4 68.2
63 27.8 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: 110.216 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

Instrument :

BNA_G

ClientSampleId :

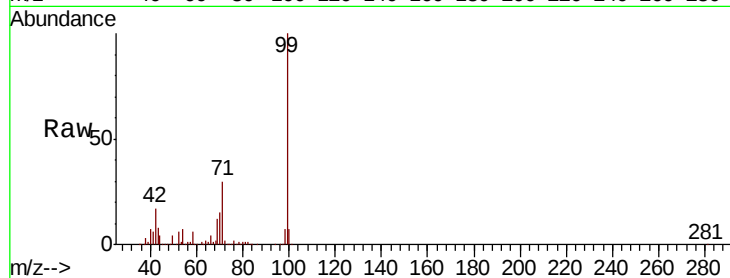
Tot Ion: 99 Resp: 485362

Ion Ratio Lower Upper

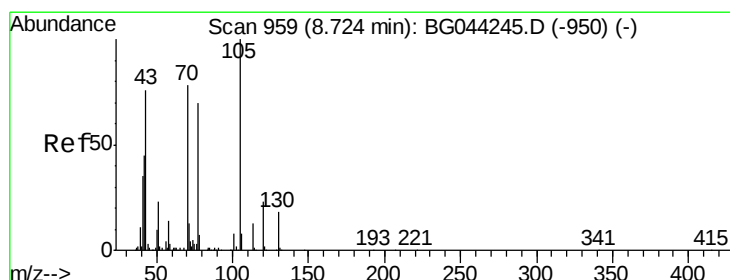
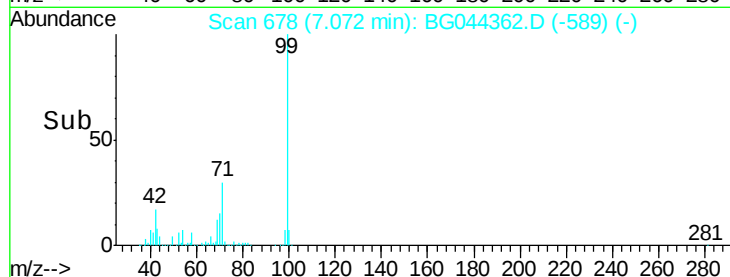
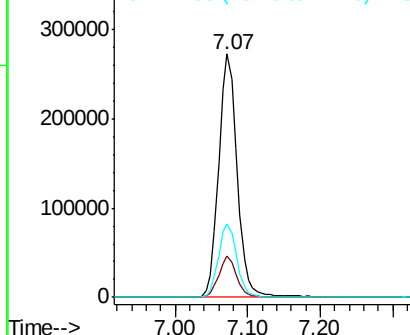
99 100

42 17.0 13.8 20.6

71 30.1 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: 12.188 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

Tgt Ion: 70 Resp: 35771

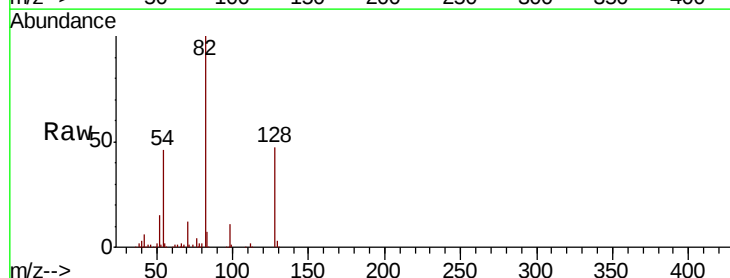
Ion Ratio Lower Upper

70 100

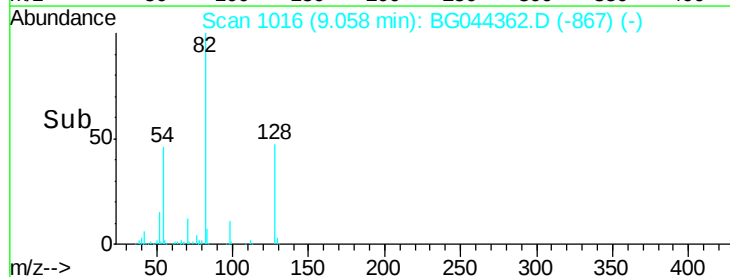
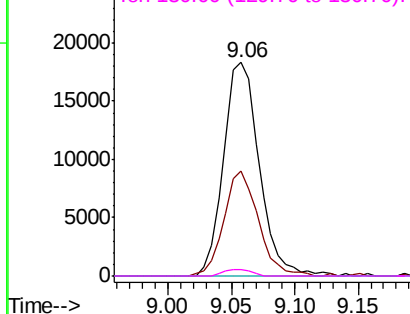
42 49.1 46.2 69.2

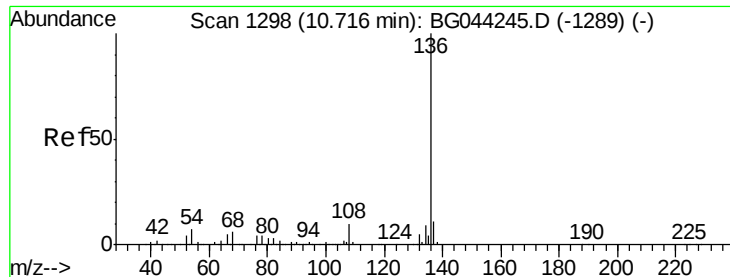
101 0.0 8.4 12.6#

130 2.9 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

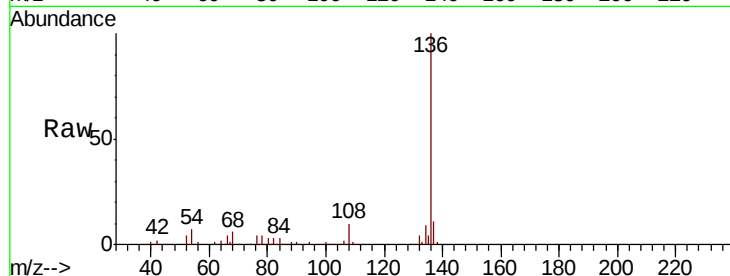




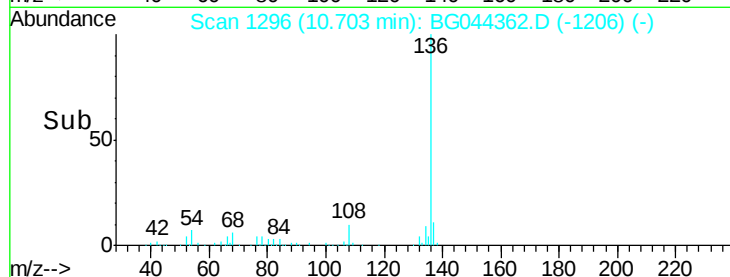
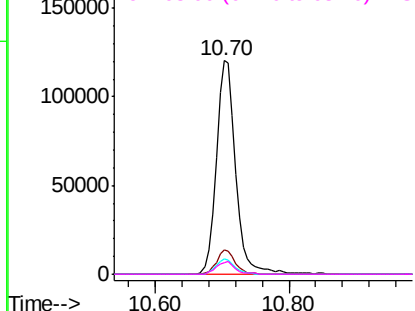
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044362.D
Acq: 10 Feb 2020 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	244785
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 7.5	5.8	8.8
68 5.7	4.6	6.8

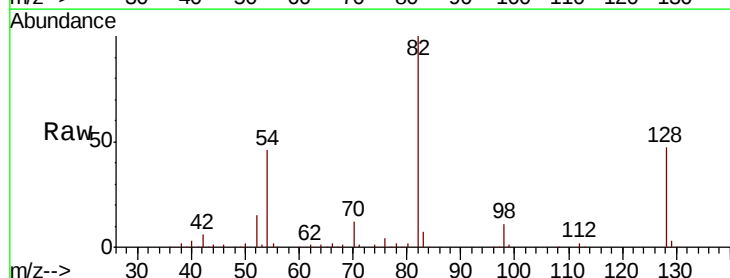


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

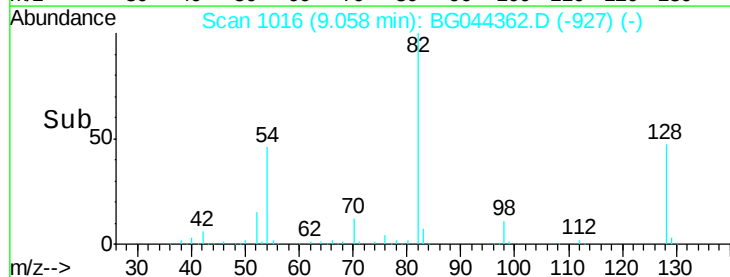
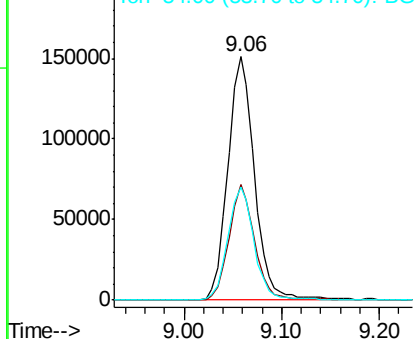


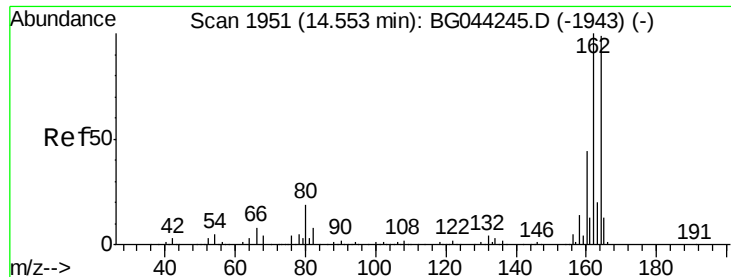
#23
Nitrobenzene-d5
Concen: 65.961 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044362.D
Acq: 10 Feb 2020 18:40

Tgt	Ion: 82	Resp:	285995
Ion	Ratio	Lower	Upper
82	100		
128	47.4	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: BG044362.D

Acq: 10 Feb 2020 18:40

Instrument :

BNA_G

ClientSampleId :

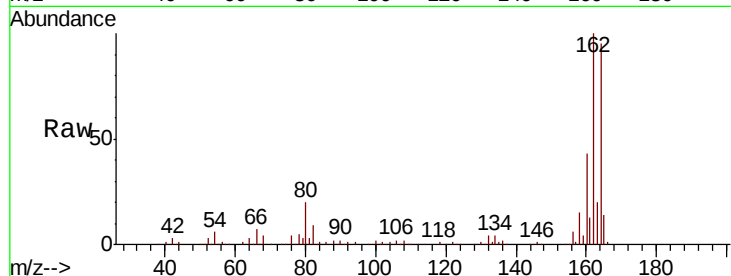
Tot Ion:164 Resp: 179375

Ion Ratio Lower Upper

164 100

162 105.0 80.7 121.1

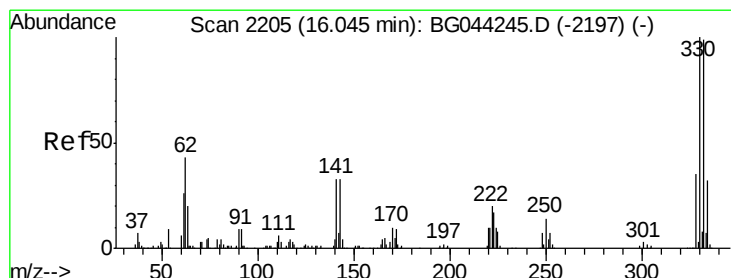
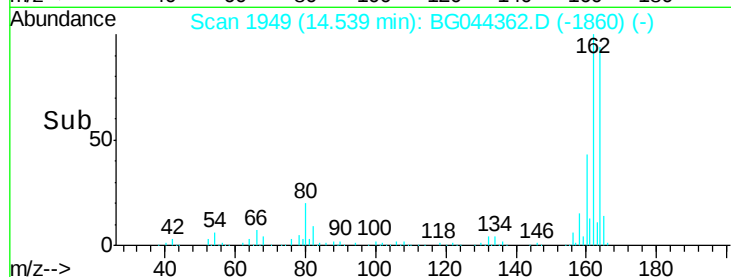
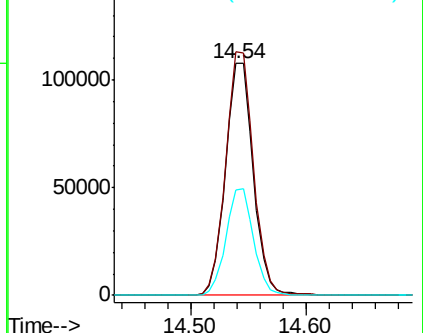
160 45.5 35.3 52.9



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: 116.212 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

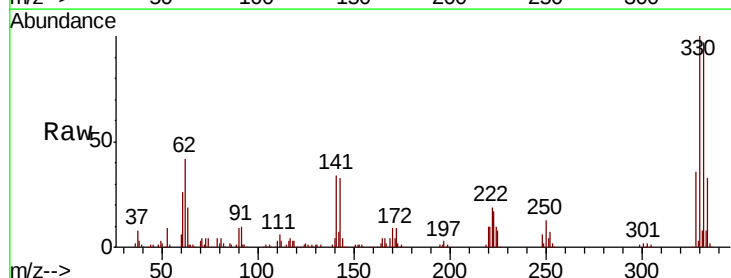
Tgt Ion:330 Resp: 244714

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

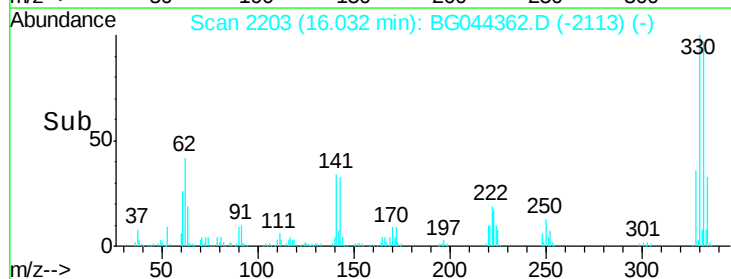
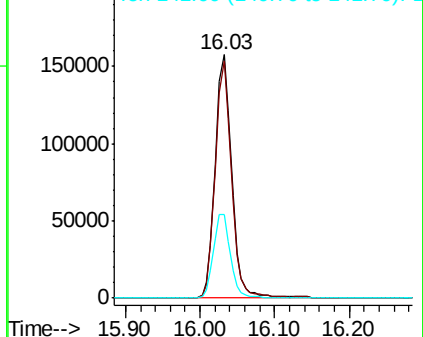
141 34.9 28.3 42.5



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

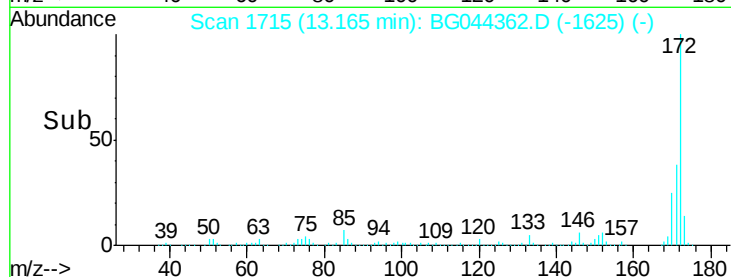
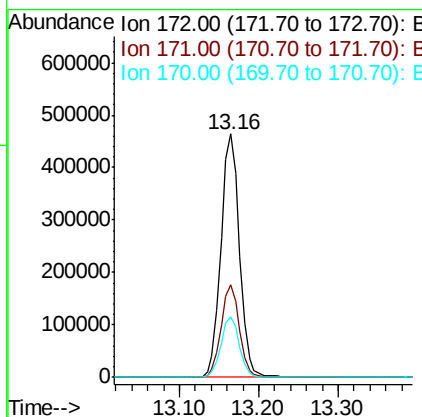
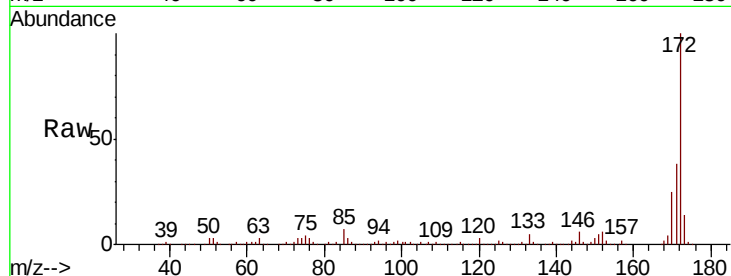




#45
2-Fluorobiphenyl
Concen: 70.268 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044362.D
Acq: 10 Feb 2020 18:40

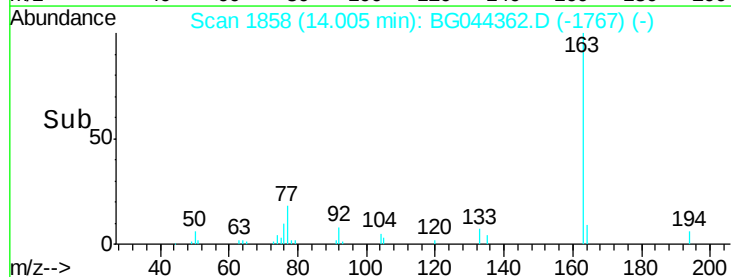
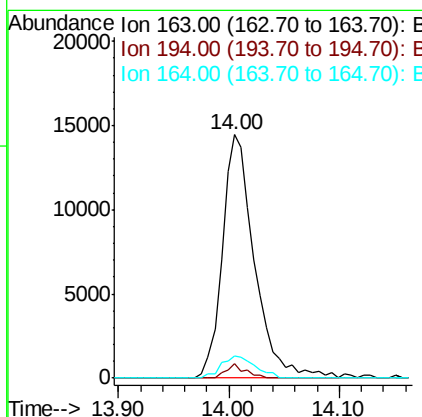
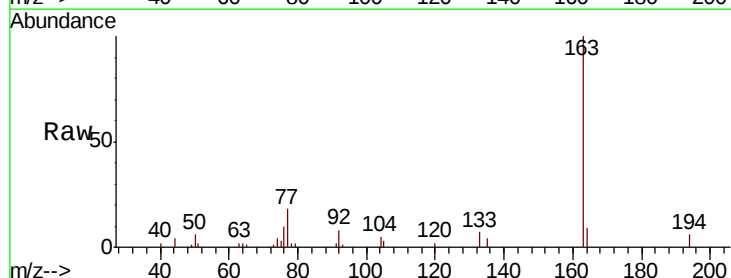
Instrument :
BNA_G
ClientSampleId :

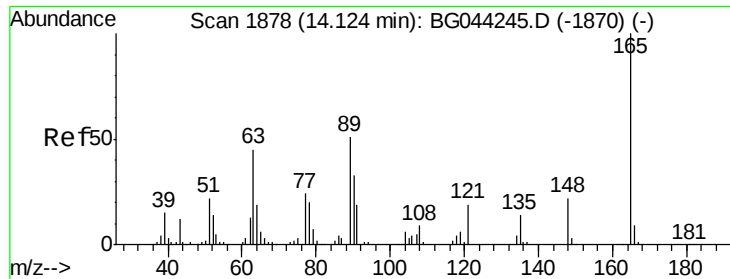
Tot Ion:172 Resp: 752698
Ion Ratio Lower Upper
172 100
171 38.0 32.9 49.3
170 25.1 22.0 33.0



#50
Dimethylphthalate
Concen: 2.269 ng
RT: 14.00 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BG044362.D
Acq: 10 Feb 2020 18:40

Tgt Ion:163 Resp: 29255
Ion Ratio Lower Upper
163 100
194 5.9 3.6 5.4#
164 9.2 8.7 13.1





#51

2,6-Dinitrotoluene

Concen: 8.259 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.42 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

Instrument :

BNA_G

ClientSampleId :

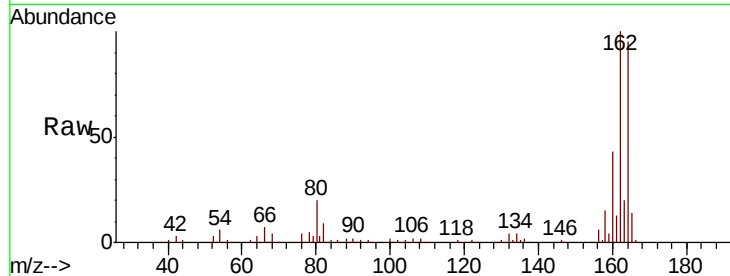
Tot Ion:165 Resp: 23745

Ion Ratio Lower Upper

165 100

63 0.0 38.7 58.1#

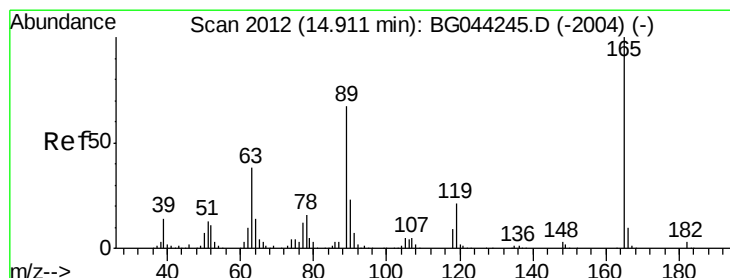
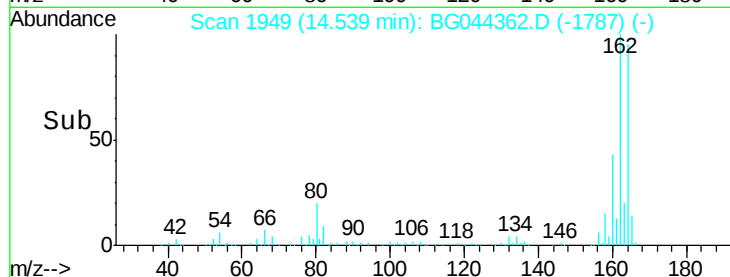
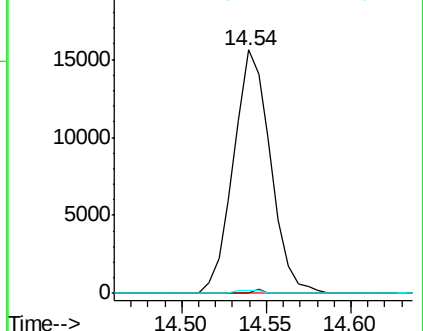
89 1.3 40.4 60.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57

2,4-Dinitrotoluene

Concen: 5.893 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.36 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

Tgt Ion:165 Resp: 23745

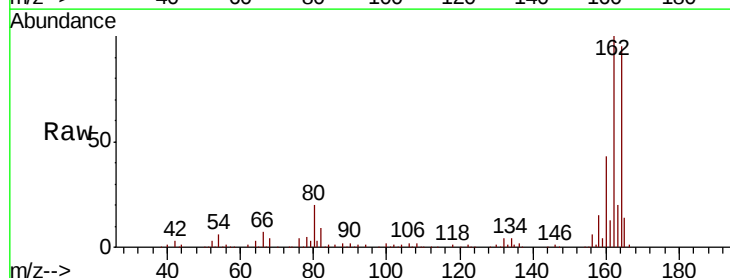
Ion Ratio Lower Upper

165 100

63 0.0 30.3 45.5#

89 1.3 53.4 80.2#

182 0.0 2.1 3.1#

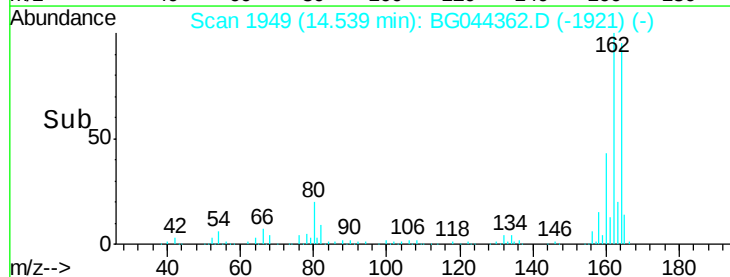
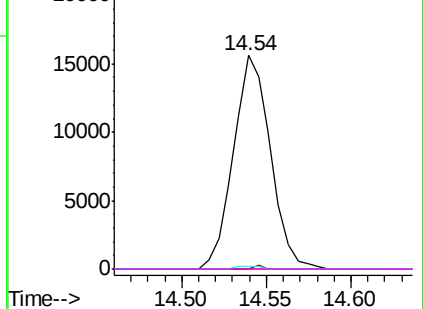


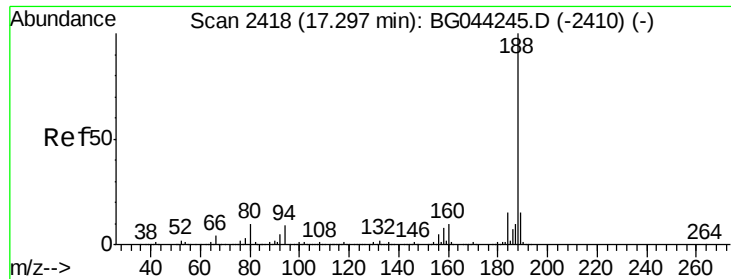
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

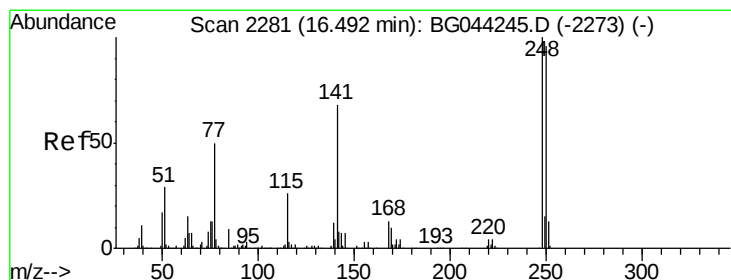
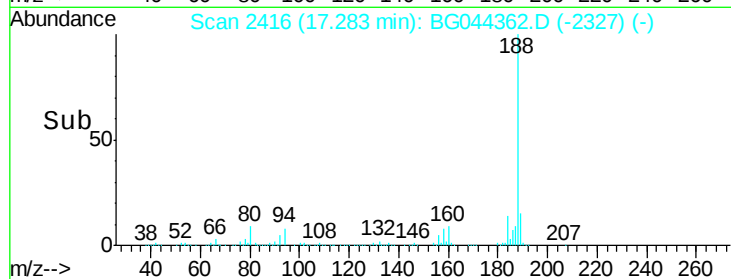
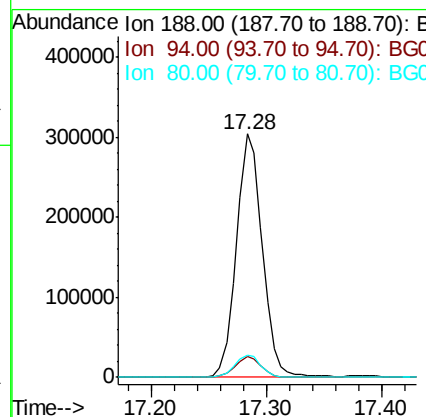
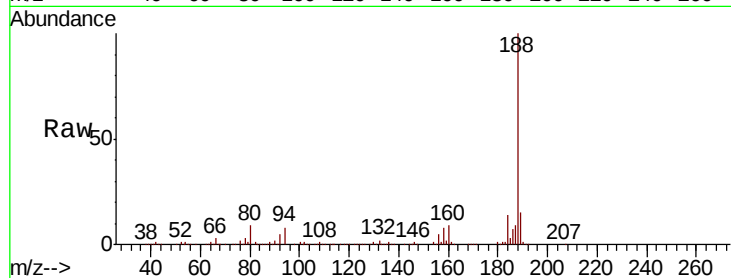




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.28 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BG044362.D
 Acq: 10 Feb 2020 18:40

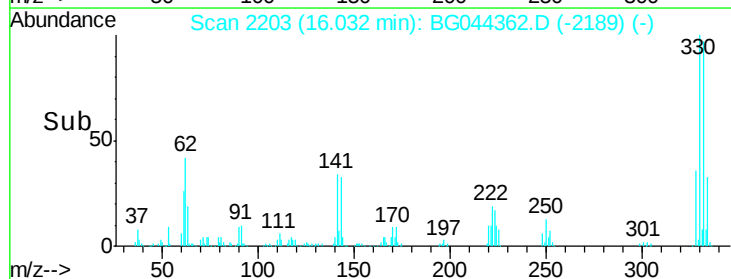
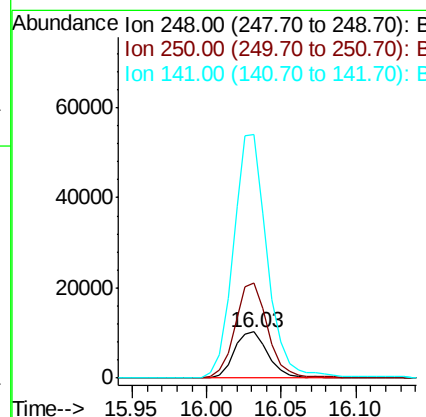
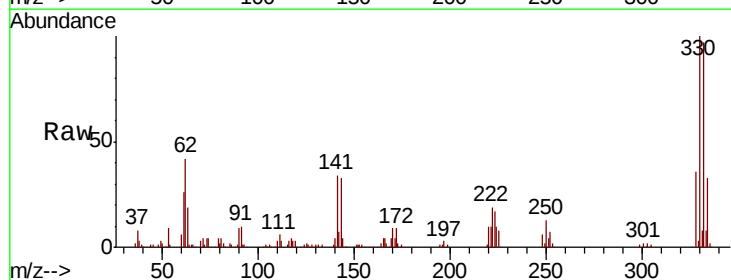
Instrument :
 BNA_G
 ClientSampleId :

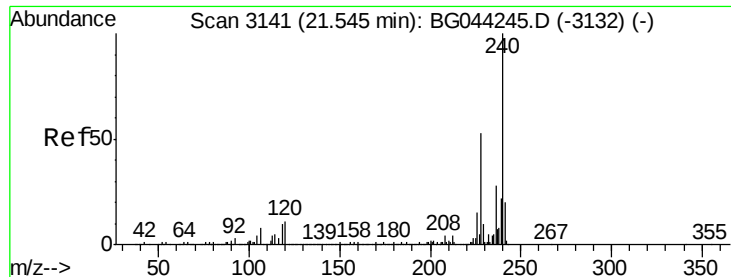
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	8.9	7.7	11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.160 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.45 min
 Lab File: BG044362.D
 Acq: 10 Feb 2020 18:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	207.5	76.6	114.8#
141	529.1	54.7	82.1#

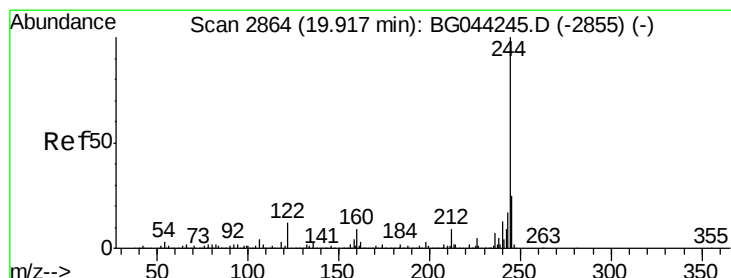
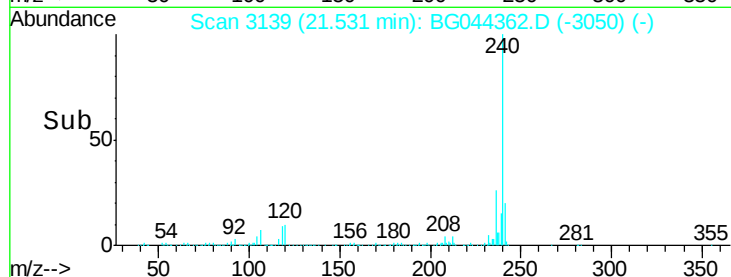
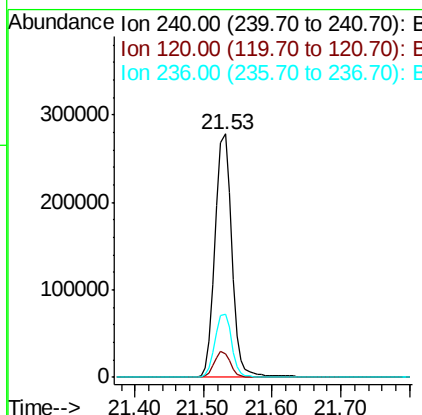
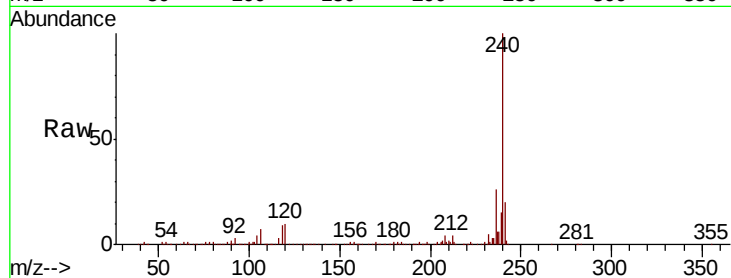




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044362.D
 Acq: 10 Feb 2020 18:40

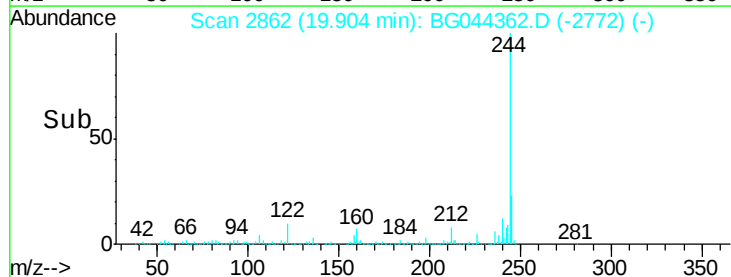
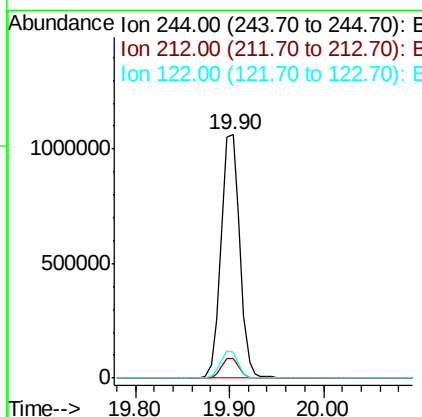
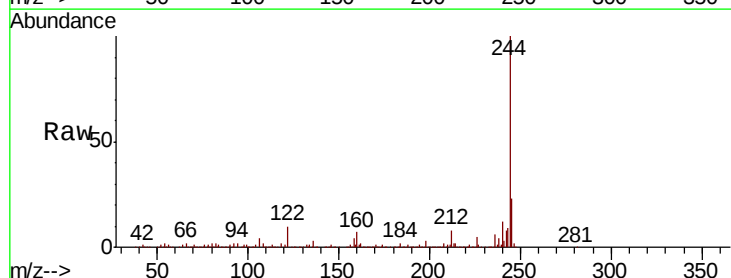
Instrument :
 BNA_G
 ClientSampleId :

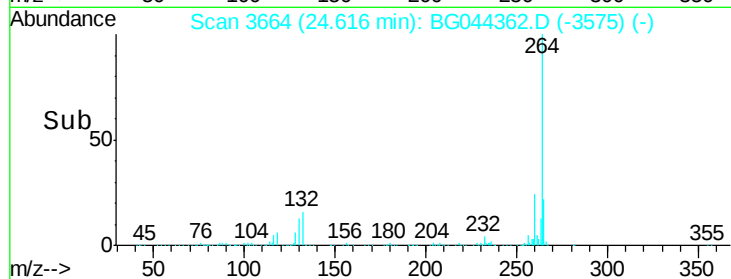
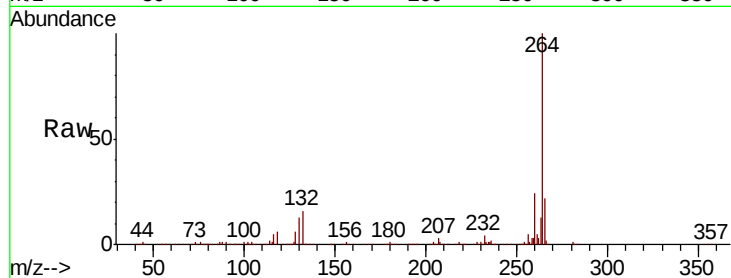
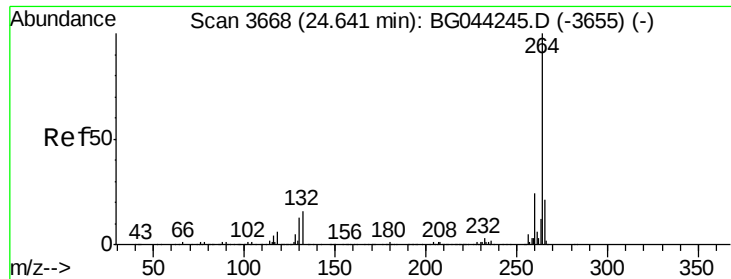
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	26.0	22.1	33.1



#79
 Terphenyl-d14
 Concen: 64.245 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044362.D
 Acq: 10 Feb 2020 18:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.2
122	10.5	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044362.D
Acq: 10 Feb 2020 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	484274
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.1	16.7	25.1

