

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044534.D
 Acq On : 20 Feb 2020 23:50
 Operator : CG/JU
 Sample : L1600-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:51:39 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

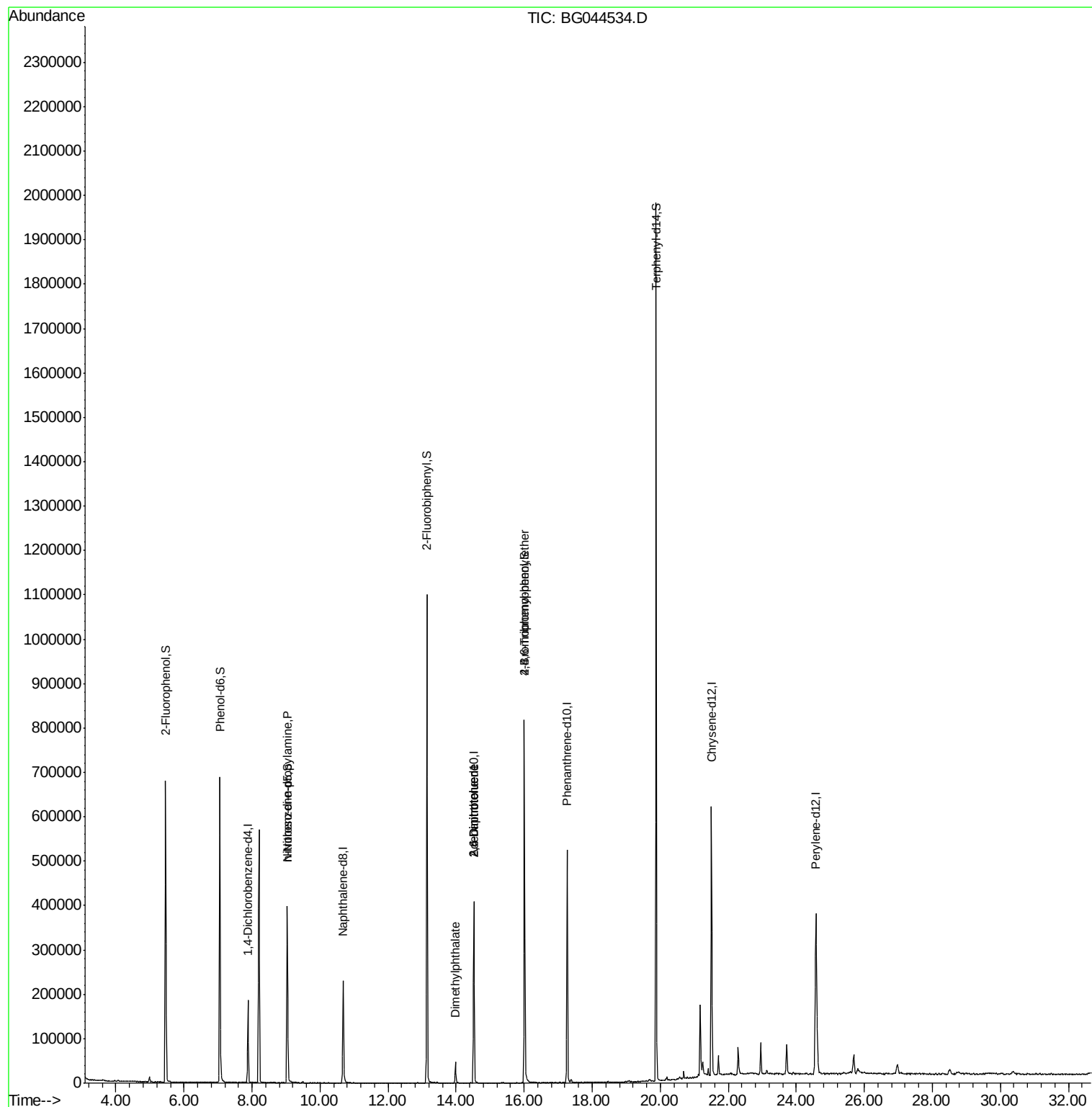
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	57009	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	235094	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	153760	20.00	ng	-0.02
64) Phenanthrene-d10	17.26	188	349263	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	367662	20.00	ng	-0.03
87) Perylene-d12	24.58	264	386325	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	347528	107.59	ng	-0.02
7) Phenol-d6	7.05	99	457350	105.43	ng	-0.02
23) Nitrobenzene-d5	9.03	82	275207	66.09	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	185288	102.65	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	622639	67.81	ng	-0.02
79) Terphenyl-d14	19.88	244	1006705	56.32	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.03	70	34016	11.767	ng	# 76
50) Dimethylphthalate	13.98	163	42708	3.864	ng	# 95
51) 2,6-Dinitrotoluene	14.52	165	19435	7.886	ng	# 29
57) 2,4-Dinitrotoluene	14.52	165	19435	5.627	ng	# 27
67) 4-Bromophenyl-phenylether	16.01	248	12589	3.308	ng	# 1

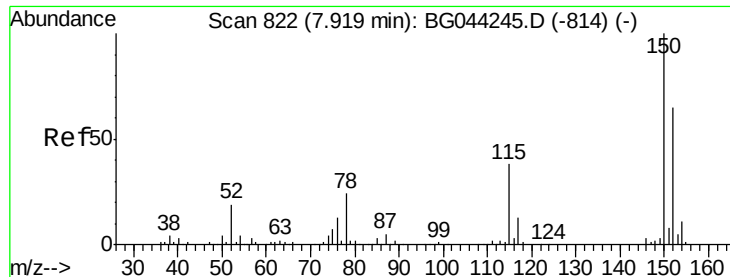
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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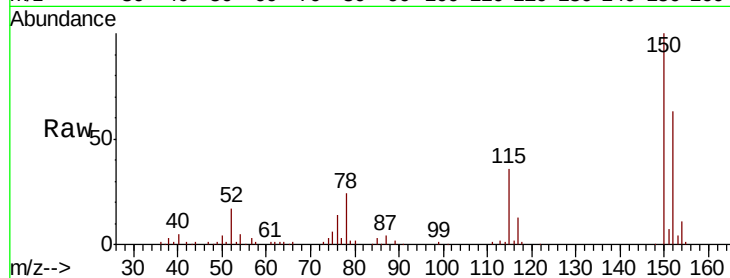


#1

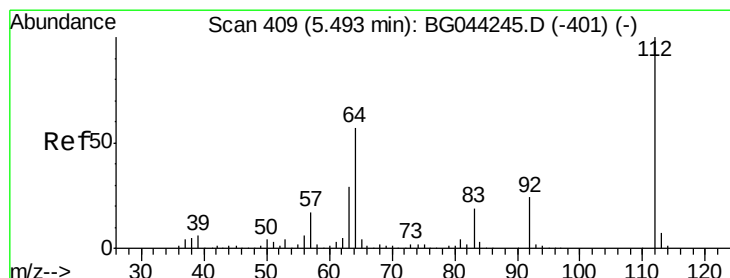
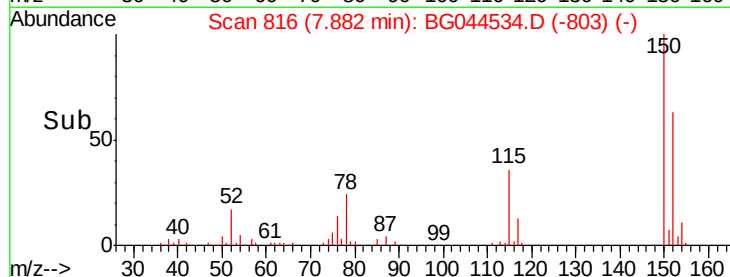
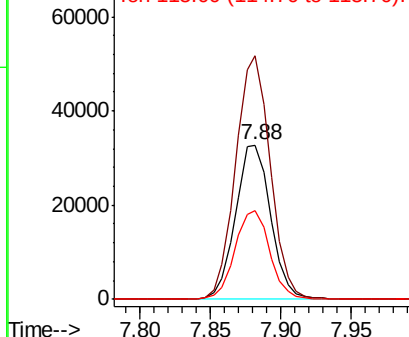
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BG044534.D
 Acq: 20 Feb 2020 23:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.6	183.8
115	57.3	46.0	69.0



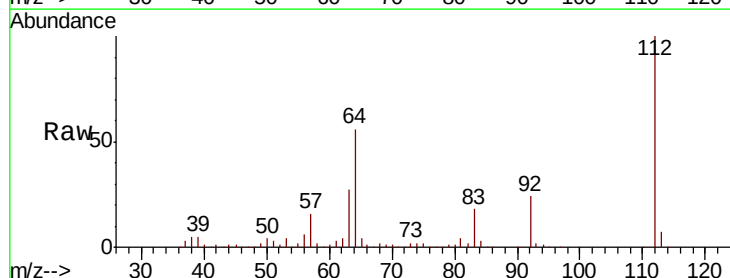
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



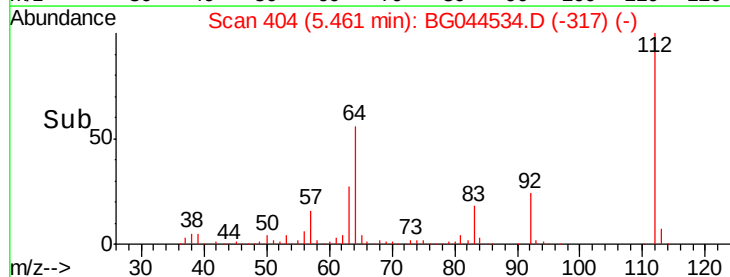
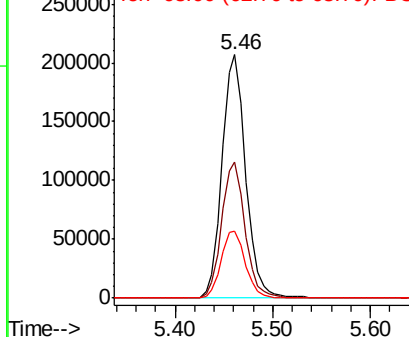
#5

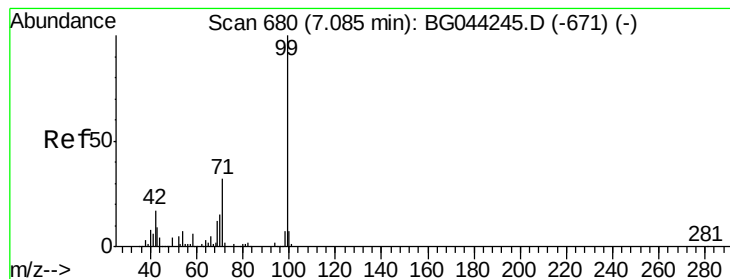
2-Fluorophenol
 Concen: 107.585 ng
 RT: 5.46 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: BG044534.D
 Acq: 20 Feb 2020 23:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.4	68.2
63	27.3	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: 105.435 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

Instrument :

BNA_G

ClientSampleId :

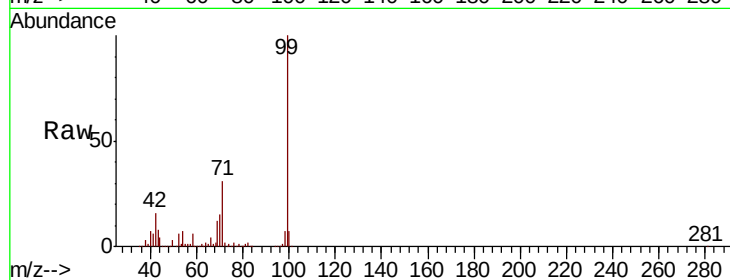
Tot Ion: 99 Resp: 457350

Ion Ratio Lower Upper

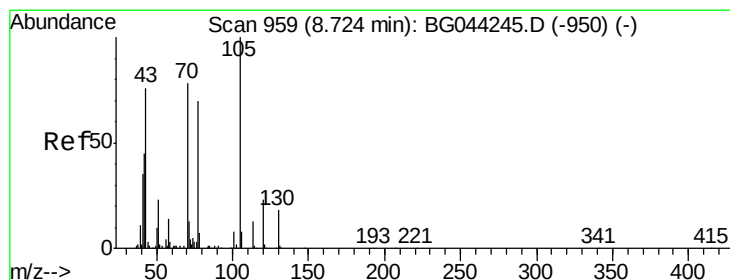
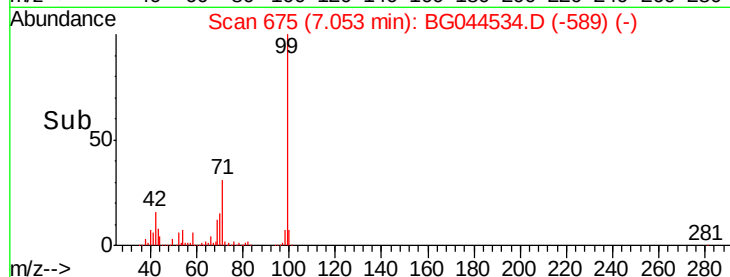
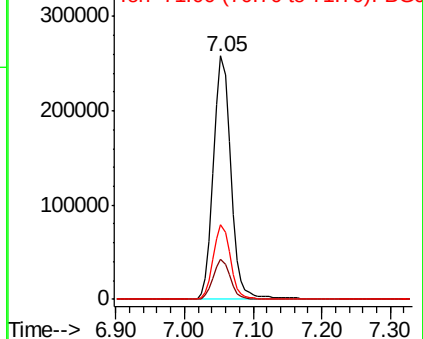
99 100

42 16.3 13.8 20.6

71 30.6 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: 11.767 ng

RT: 9.03 min Scan# 1012

Delta R.T. 0.32 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

Tgt Ion: 70 Resp: 34016

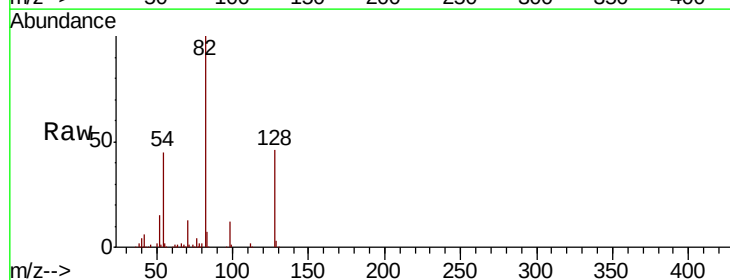
Ion Ratio Lower Upper

70 100

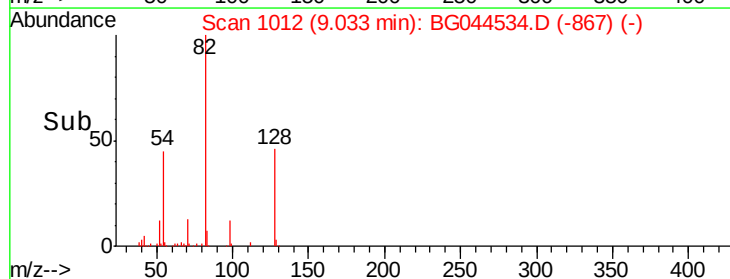
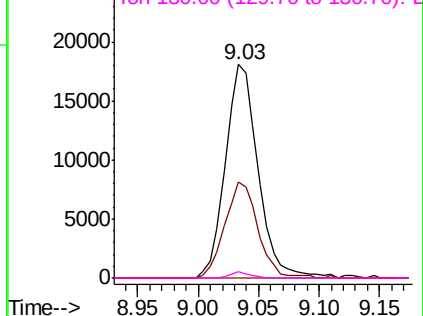
42 44.7 46.2 69.2#

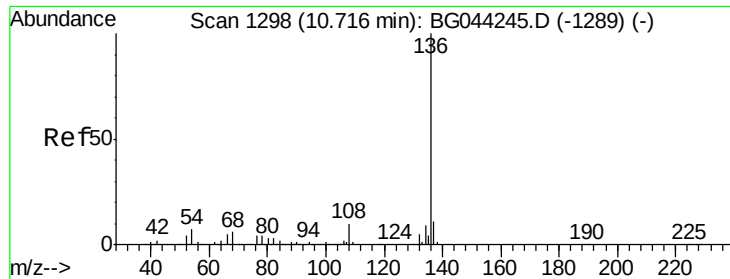
101 0.0 8.4 12.6#

130 2.8 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

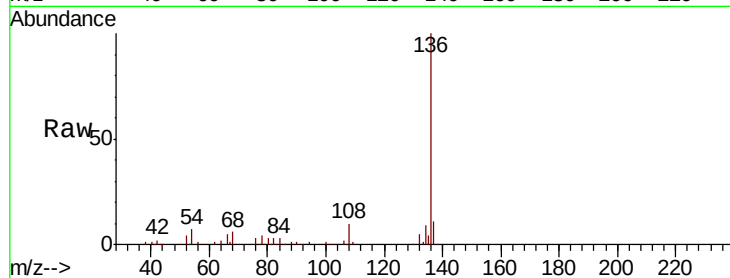




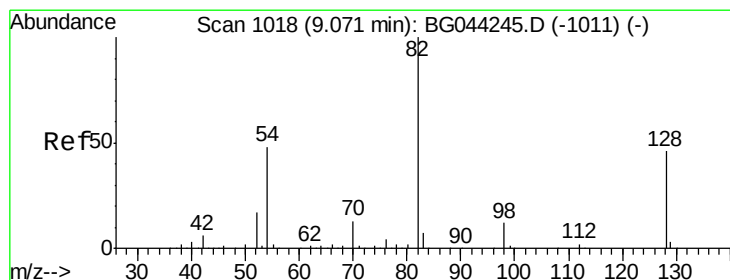
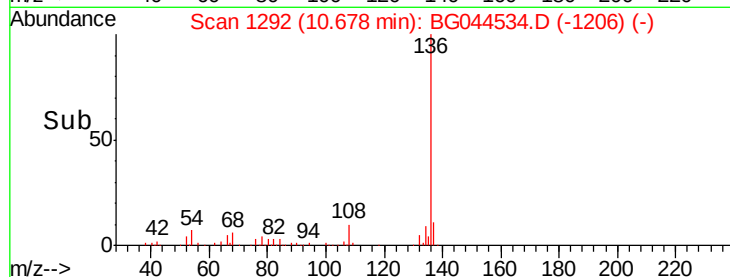
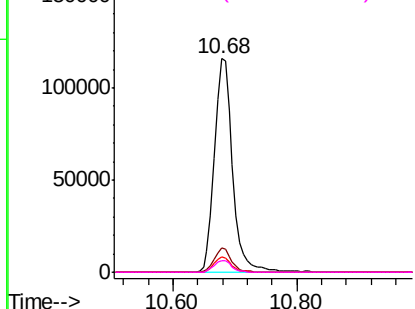
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044534.D
Acq: 20 Feb 2020 23:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	235094
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 7.4	5.8	8.8
68 5.7	4.6	6.8

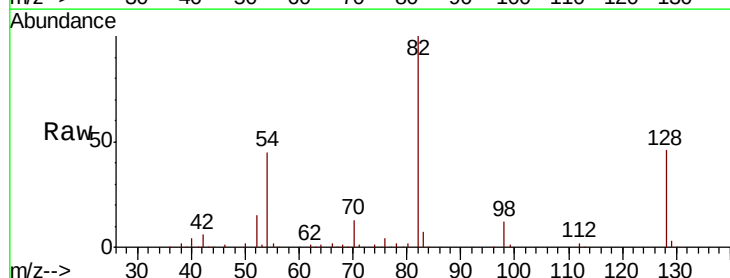


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

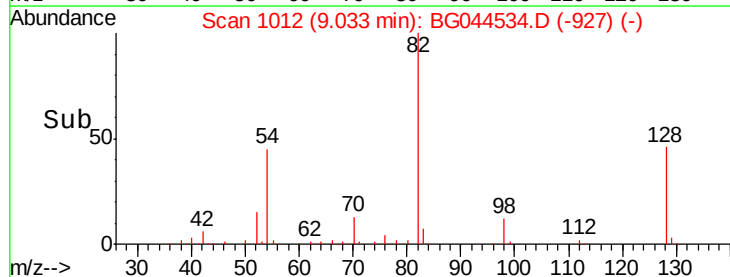
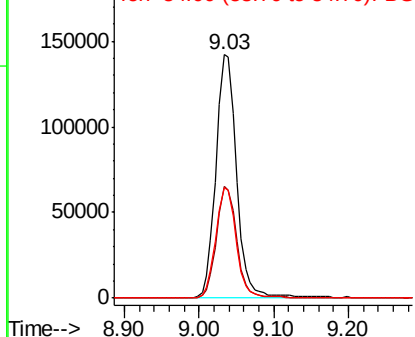


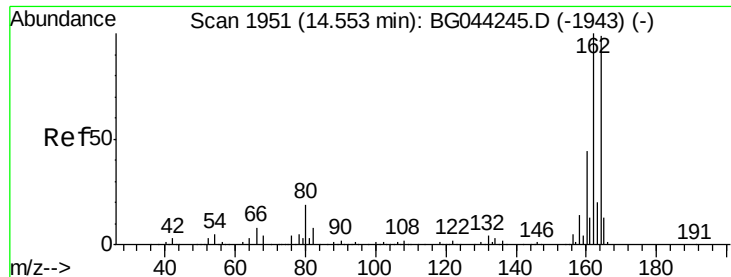
#23
Nitrobenzene-d5
Concen: 66.089 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044534.D
Acq: 20 Feb 2020 23:50

Tgt Ion: 82	Resp: 275207
Ion Ratio	Lower Upper
82 100	
128 46.1	36.5 54.7
54 45.4	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: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

Instrument :

BNA_G

ClientSampleId :

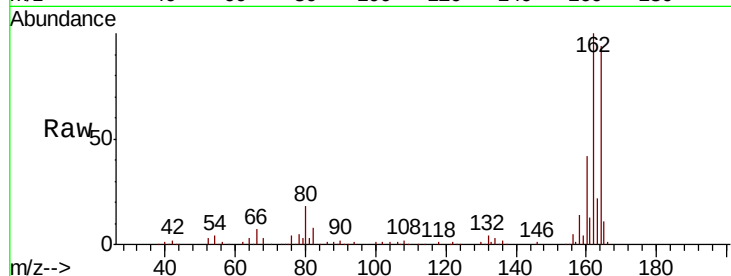
Tot Ion:164 Resp: 153760

Ion Ratio Lower Upper

164 100

162 106.2 80.7 121.1

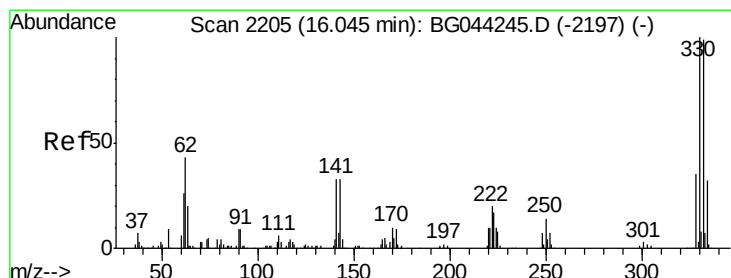
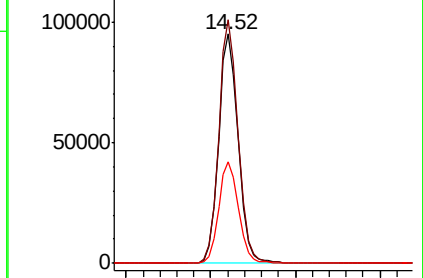
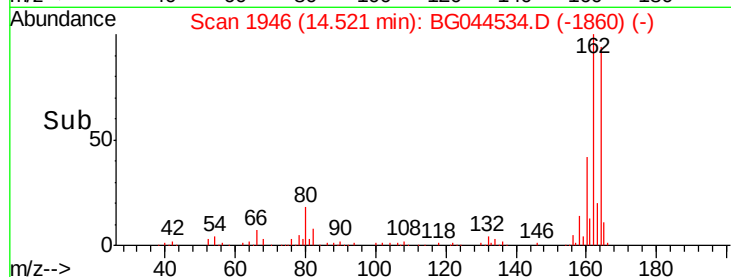
160 44.1 35.3 52.9



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: 102.650 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

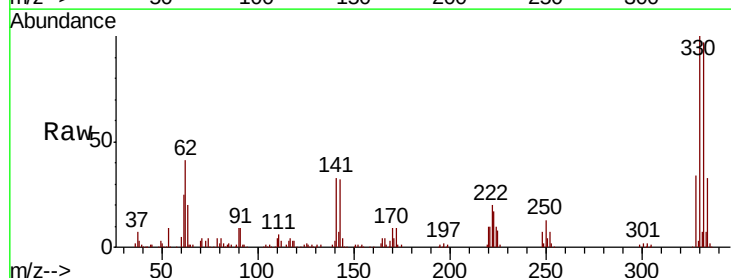
Tgt Ion:330 Resp: 185288

Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

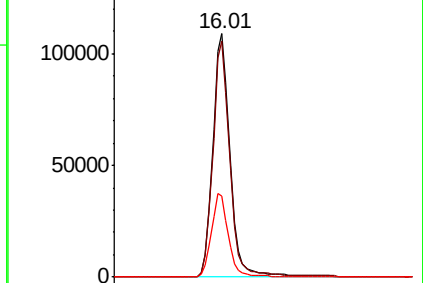
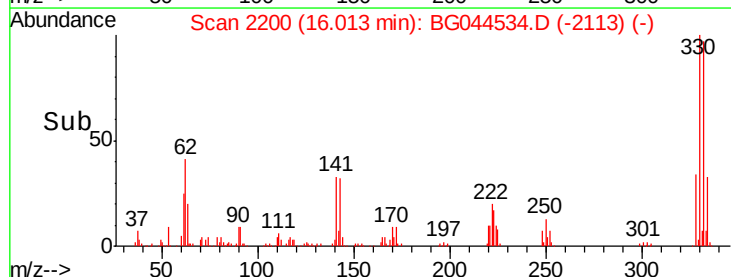
141 34.0 28.3 42.5

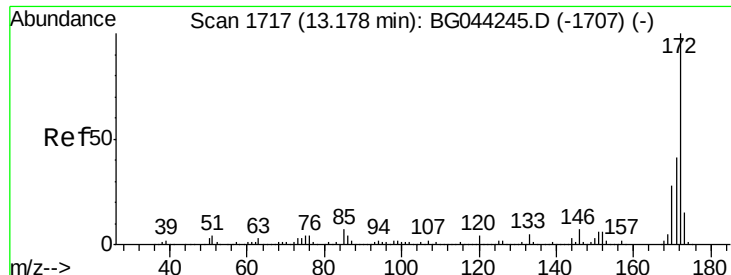


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

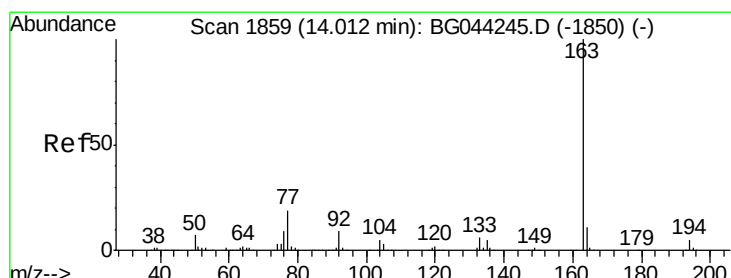
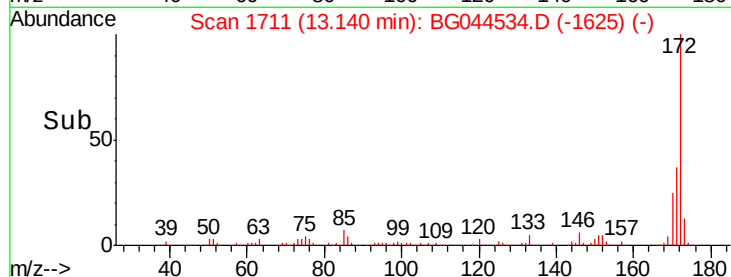
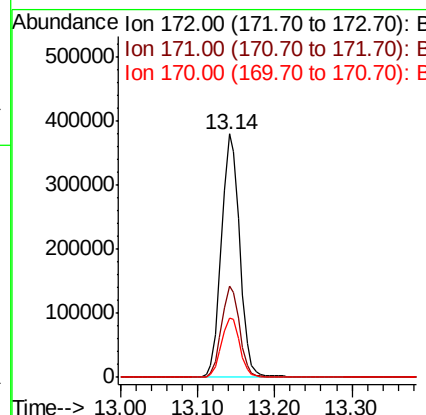
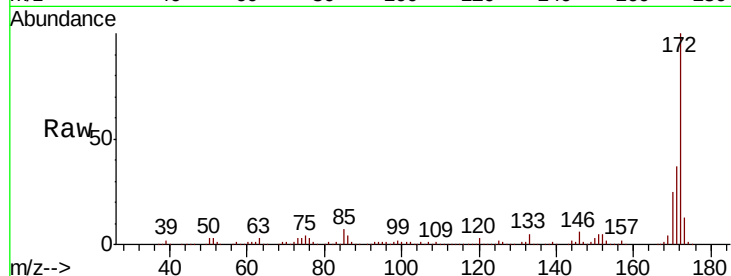




#45
2-Fluorobiphenyl
Concen: 67.810 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.02 min
Lab File: BG044534.D
Acq: 20 Feb 2020 23:50

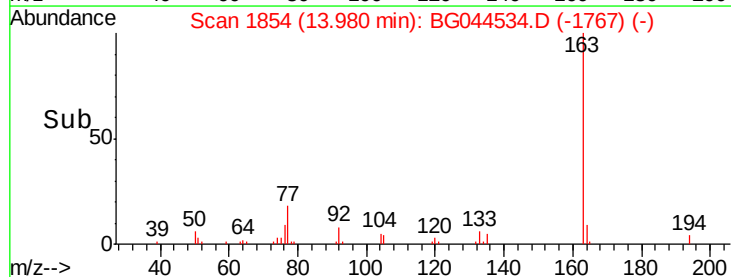
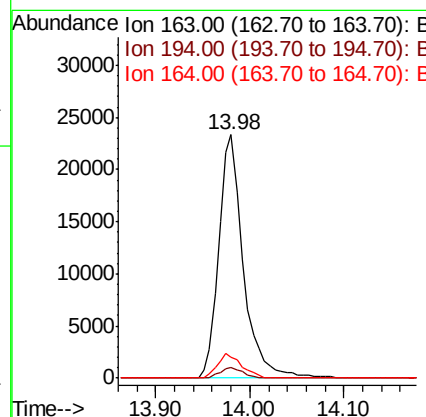
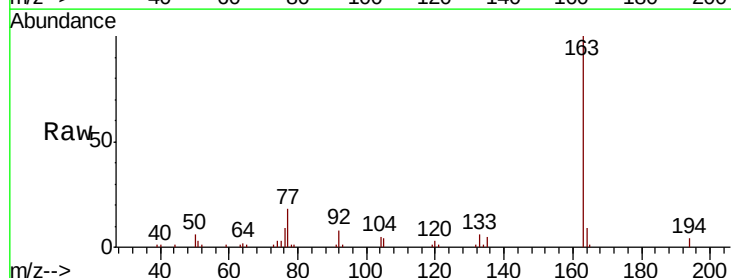
Instrument :
BNA_G
ClientSampled :

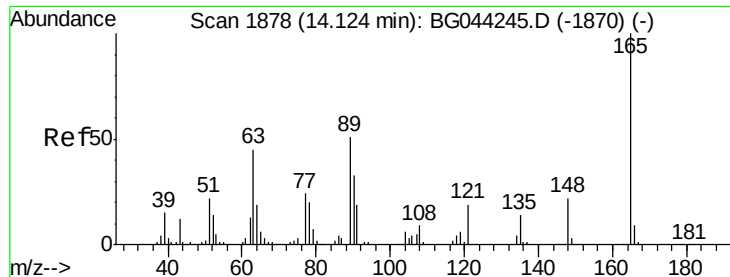
Tot Ion:172 Resp: 622639
Ion Ratio Lower Upper
172 100
171 37.4 32.9 49.3
170 24.5 22.0 33.0



#50
Dimethylphthalate
Concen: 3.864 ng
RT: 13.98 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BG044534.D
Acq: 20 Feb 2020 23:50

Tgt Ion:163 Resp: 42708
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 8.6 8.7 13.1#





#51

2,6-Dinitrotoluene

Concen: 7.886 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.41 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

Instrument :

BNA_G

ClientSampleId :

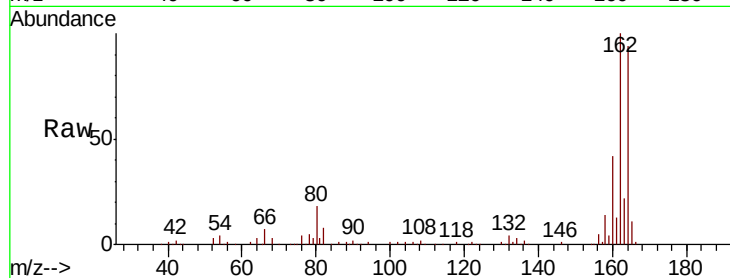
Tot Ion:165 Resp: 19435

Ion Ratio Lower Upper

165 100

63 0.0 38.7 58.1#

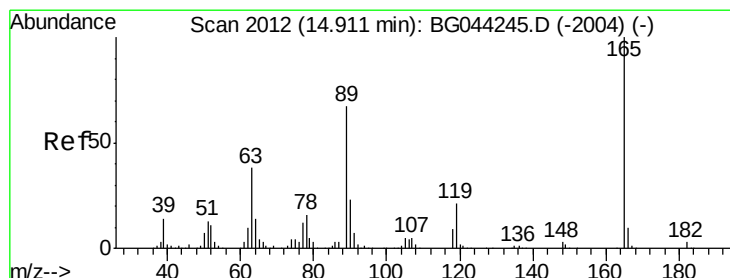
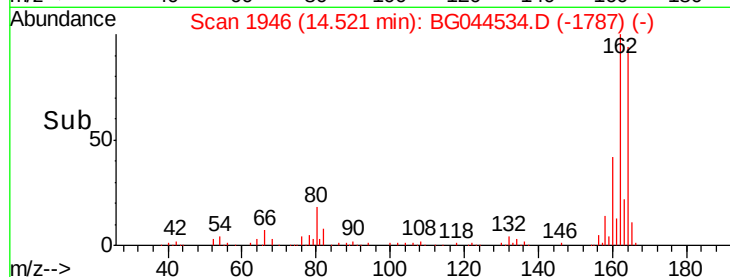
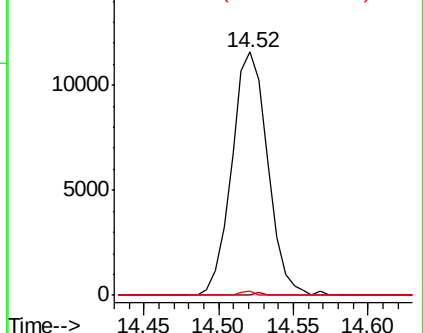
89 1.7 40.4 60.6#



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: 5.627 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.38 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

Tgt Ion:165 Resp: 19435

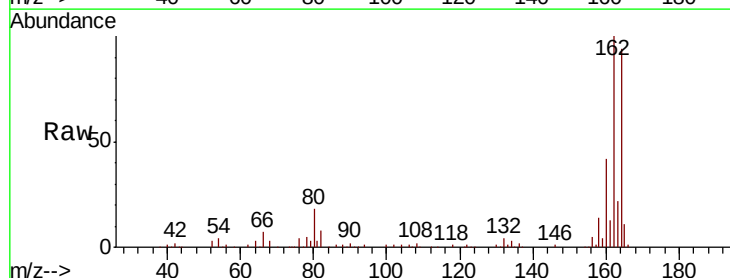
Ion Ratio Lower Upper

165 100

63 0.0 30.3 45.5#

89 1.7 53.4 80.2#

182 0.0 2.1 3.1#

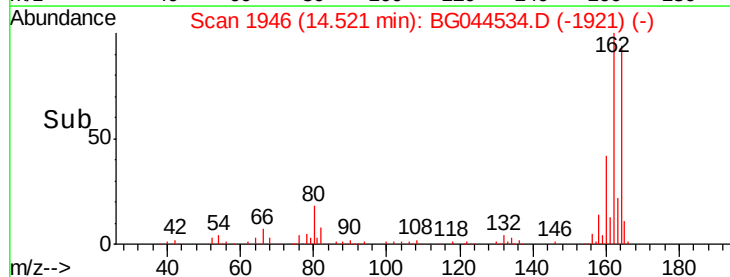
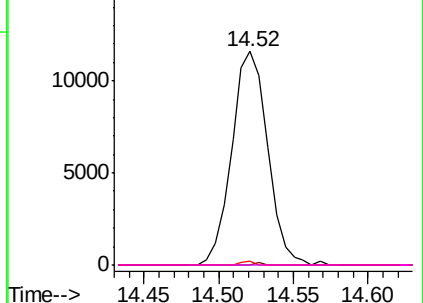


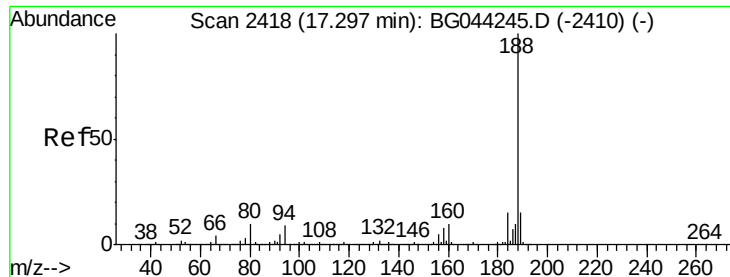
Abundance Ion 165.00 (164.70 to 165.70): E

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

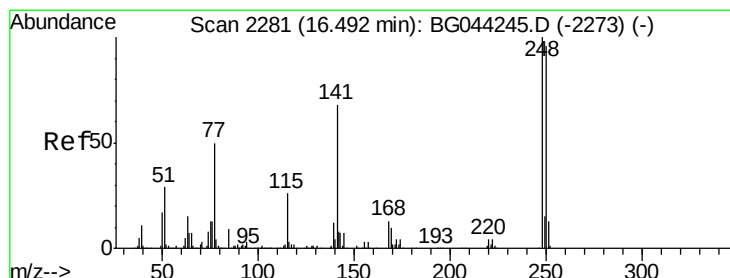
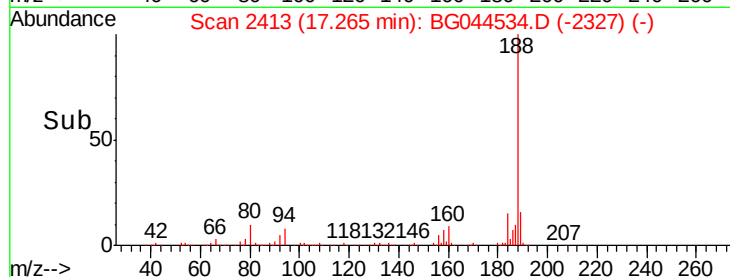
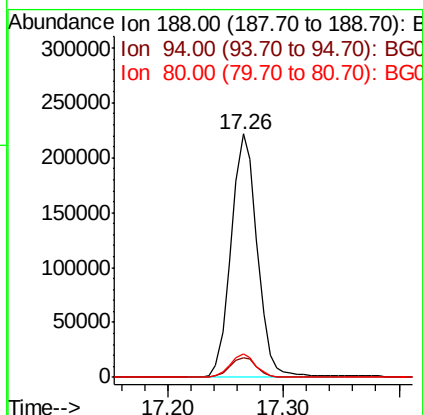
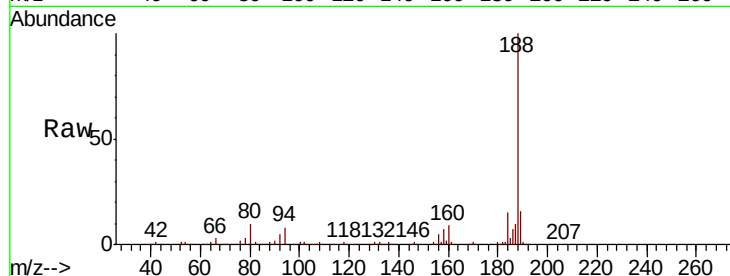




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG044534.D
 Acq: 20 Feb 2020 23:50

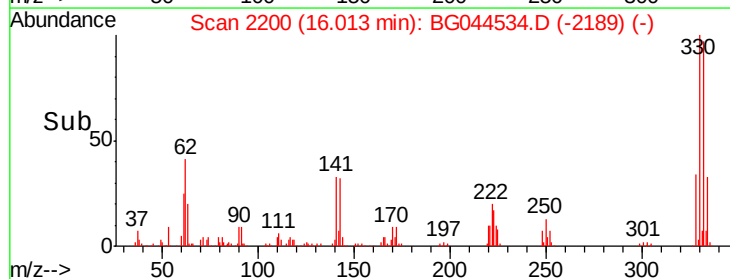
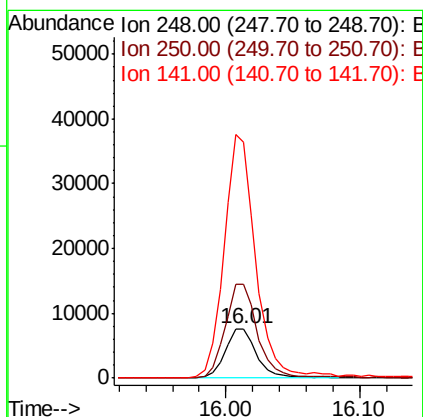
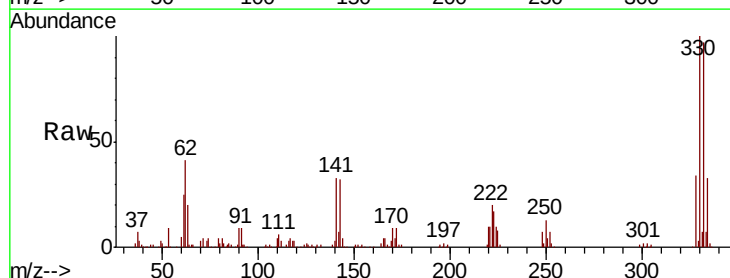
Instrument :
 BNA_G
 ClientSampled :

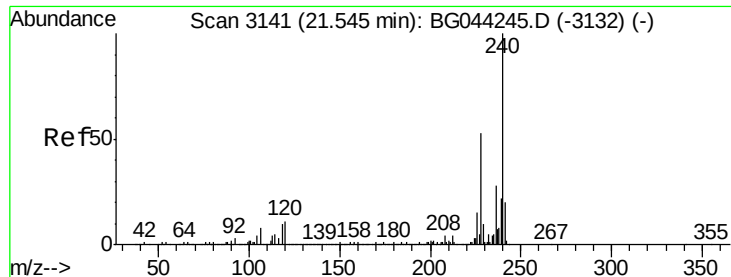
Tot Ion:188 Resp: 349263
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.4 11.2
 80 9.6 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.308 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG044534.D
 Acq: 20 Feb 2020 23:50

Tgt Ion:248 Resp: 12589
 Ion Ratio Lower Upper
 248 100
 250 190.1 76.6 114.8#
 141 479.3 54.7 82.1#

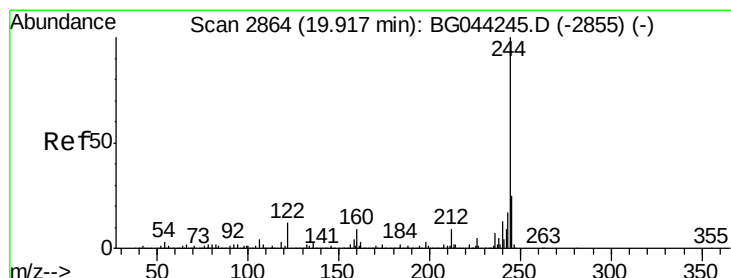
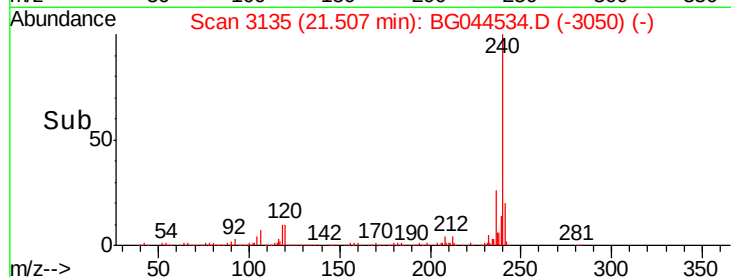
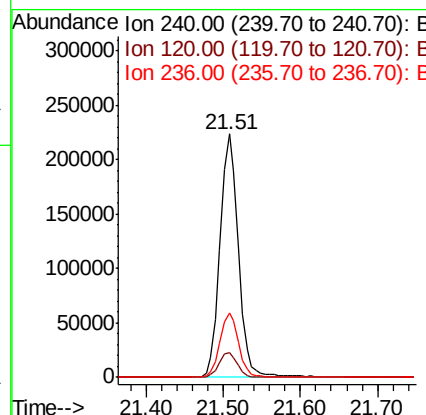
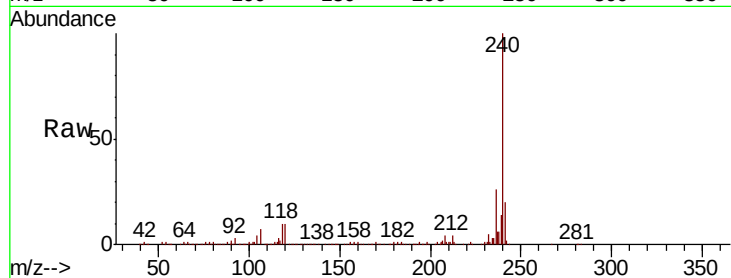




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.03 min
 Lab File: BG044534.D
 Acq: 20 Feb 2020 23:50

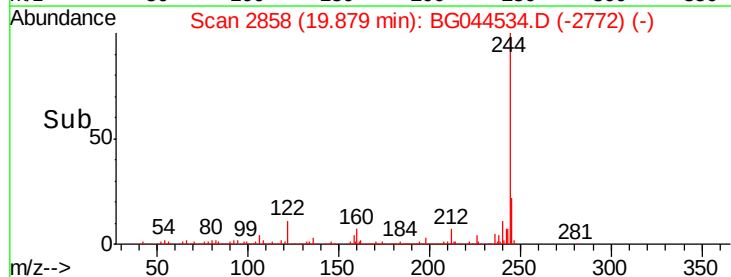
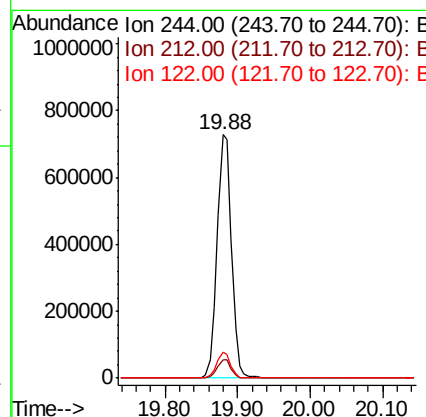
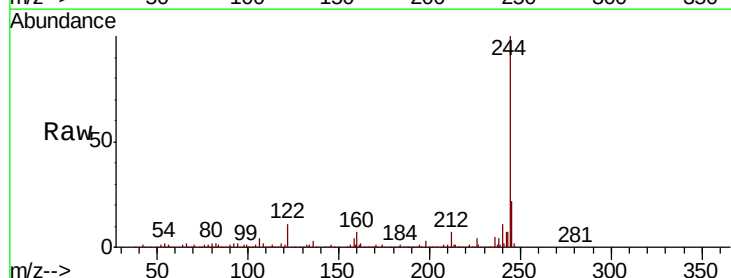
Instrument :
 BNA_G
 ClientSampleId :

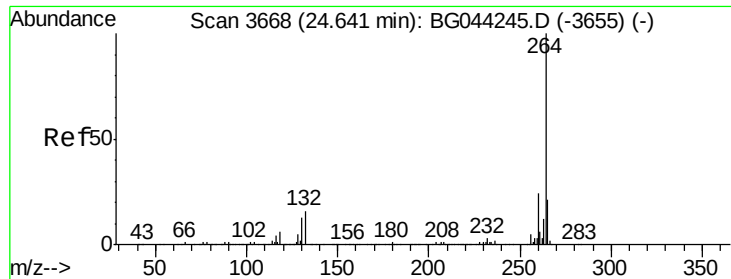
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	26.2	22.1	33.1



#79
 Terphenyl-d14
 Concen: 56.320 ng
 RT: 19.88 min Scan# 2858
 Delta R.T. -0.02 min
 Lab File: BG044534.D
 Acq: 20 Feb 2020 23:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.4	11.2
122	10.7	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3658
Delta R.T. -0.04 min
Lab File: BG044534.D
Acq: 20 Feb 2020 23:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.6	16.7	25.1

