

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080320\
 Data File : BF121173.D
 Acq On : 3 Aug 2020 11:34
 Operator : JU/CG
 Sample : L3511-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Aug 03 12:47:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

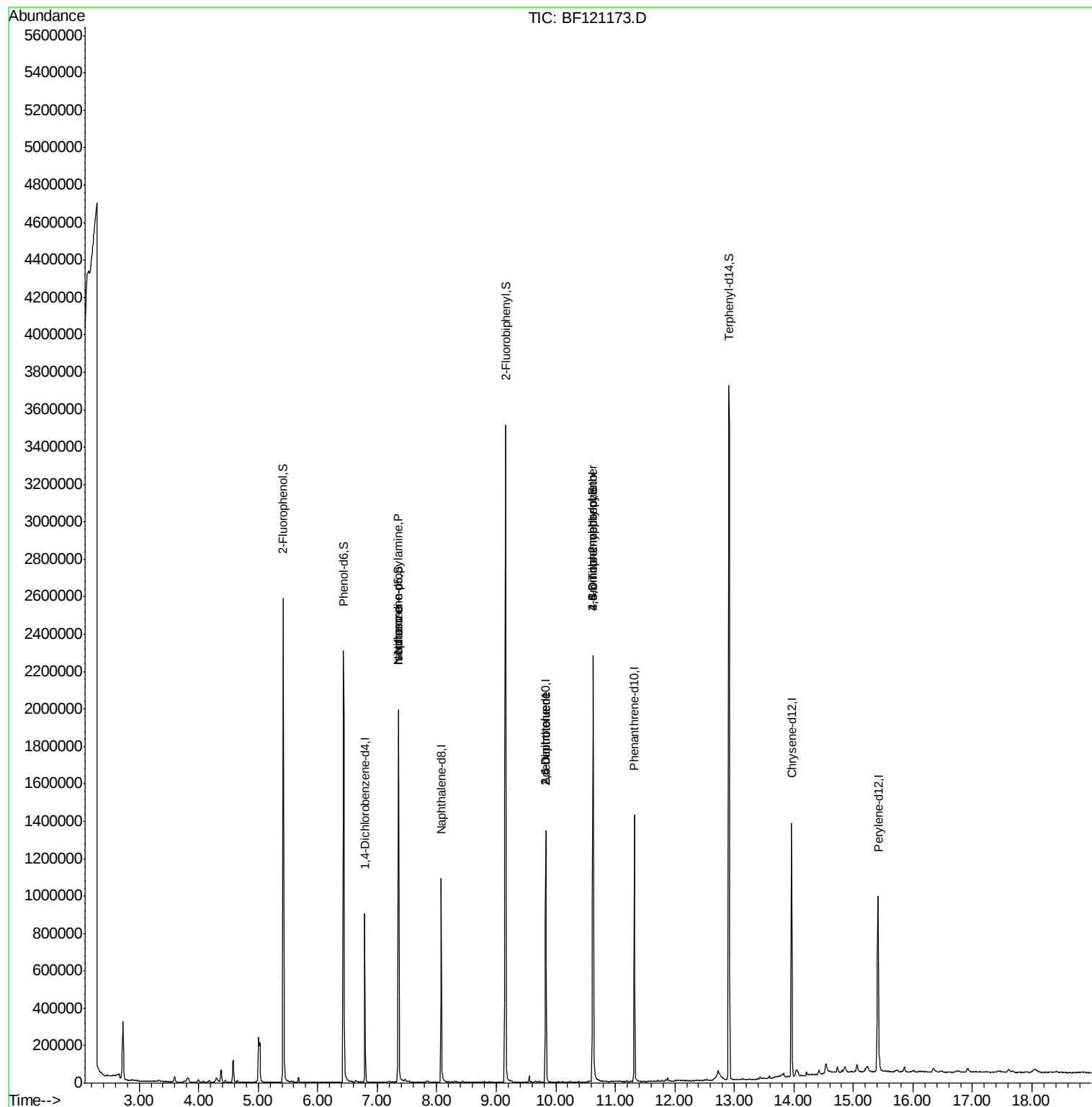
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	135038	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	514393	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	271071	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	533638	20.00	ng	0.00
76) Chrysene-d12	13.96	240	482874	20.00	ng	0.00
86) Perylene-d12	15.42	264	481259	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	834853	101.35	ng	0.00
7) Phenol-d6	6.43	99	926406	87.06	ng	-0.01
23) Nitrobenzene-d5	7.36	82	731142	82.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	364723	122.92	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1277166	70.35	ng	0.00
79) Terphenyl-d14	12.91	244	1461385	65.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	257	Below Cal		Qvalue # 47
19) n-Nitroso-di-n-propylamine	7.36	70	95669	15.812	ng	# 78
25) Isophorone	7.36	82	721873	40.687	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	35196	8.377	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	35196	6.379	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.63	198	576	4.014	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	20263	3.406	ng	# 1

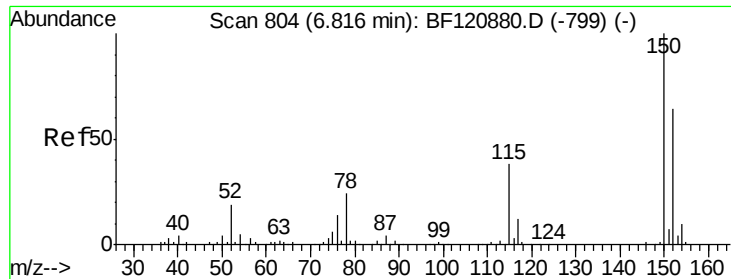
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080320\
Data File : BF121173.D
Acq On : 3 Aug 2020 11:34
Operator : JU/CG
Sample : L3511-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Aug 03 12:47:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration



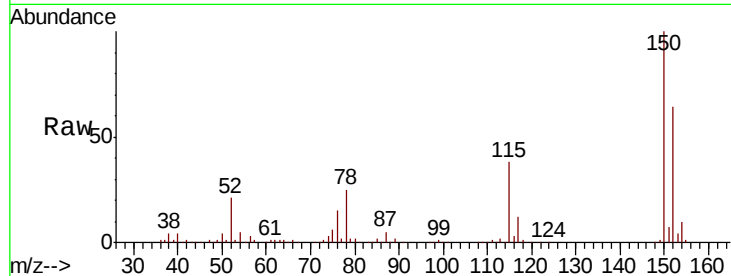


#1

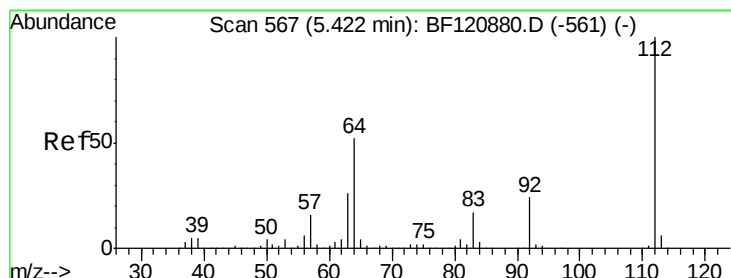
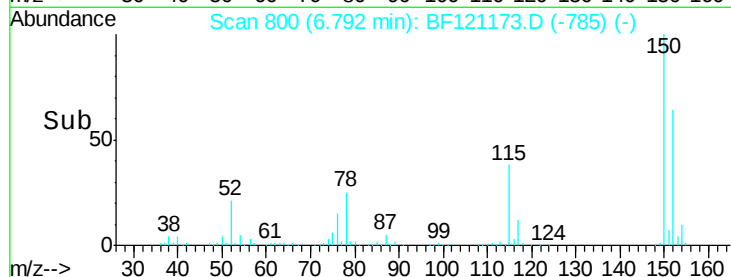
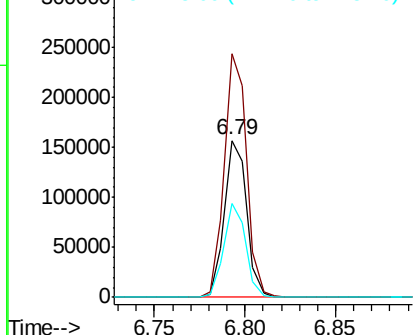
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121173.D
Acq: 3 Aug 2020 11:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:152 Resp: 135038
Ion Ratio Lower Upper
152 100
150 155.2 125.6 188.4
115 59.6 46.2 69.2



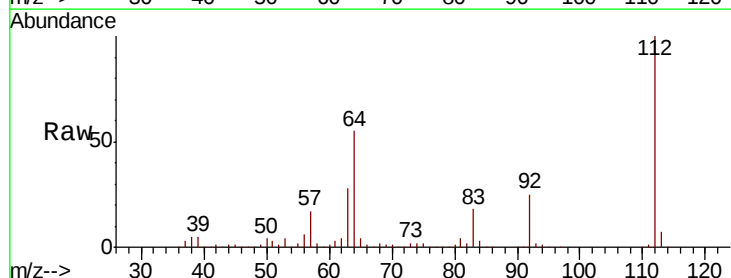
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



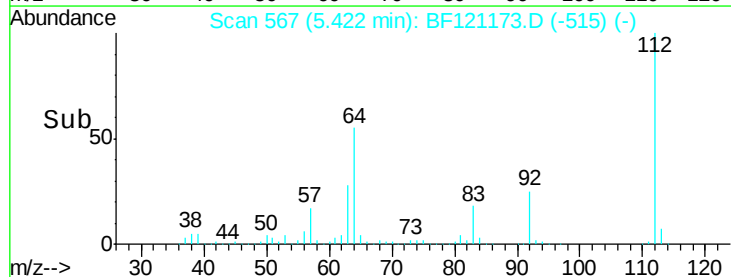
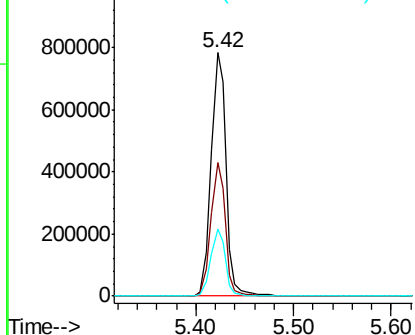
#5

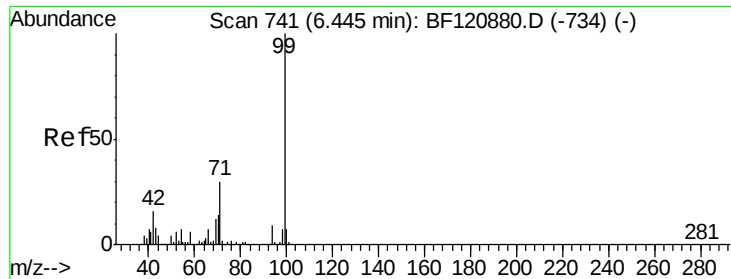
2-Fluorophenol
Concen: 101.351 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121173.D
Acq: 3 Aug 2020 11:34

Tgt Ion:112 Resp: 834853
Ion Ratio Lower Upper
112 100
64 55.0 43.9 65.9
63 27.7 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 87.065 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121173.D

Acq: 3 Aug 2020 11:34

Instrument :

BNA_F

ClientSampleId :

TP-1

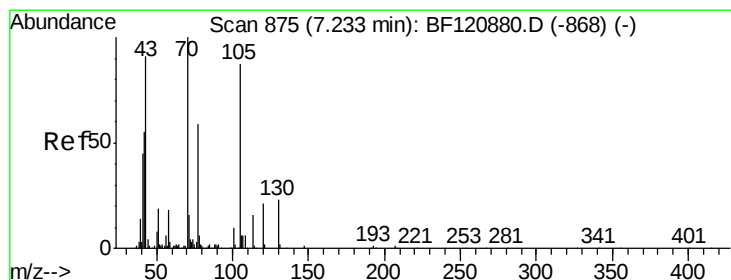
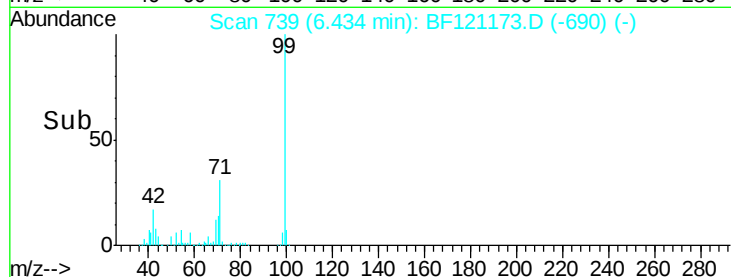
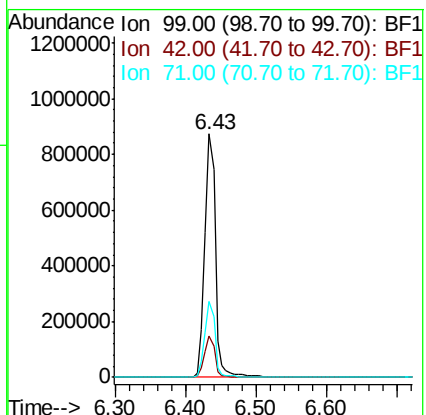
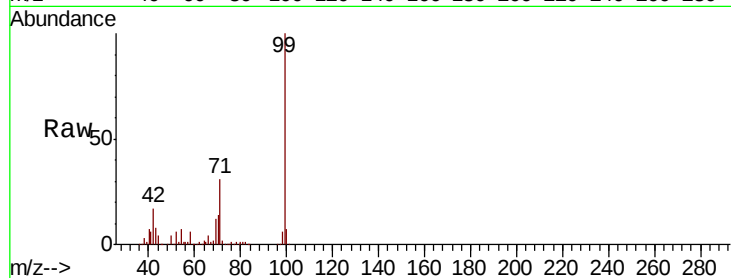
Tot Ion: 99 Resp: 926406

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

71 31.4 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.812 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121173.D

Acq: 3 Aug 2020 11:34

Tgt Ion: 70 Resp: 95669

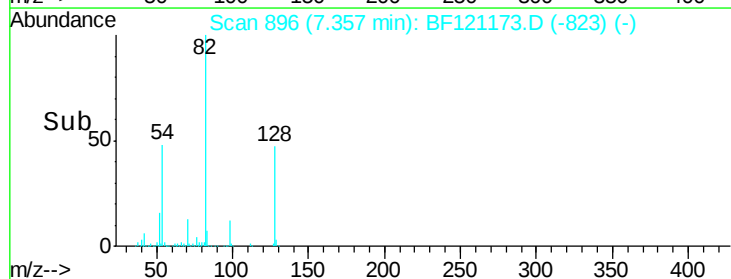
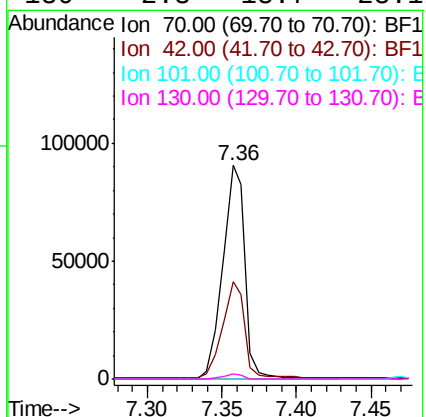
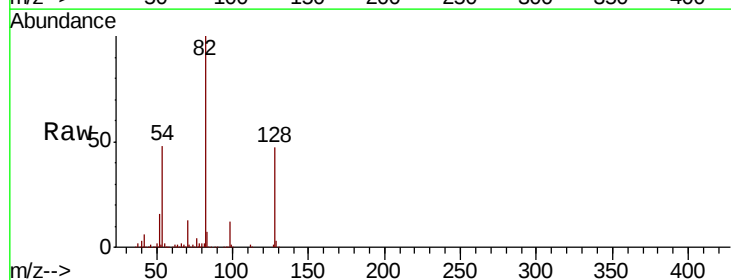
Ion Ratio Lower Upper

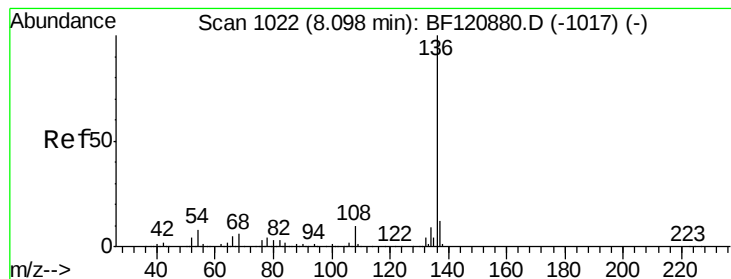
70 100

42 45.7 43.3 64.9

101 0.0 8.4 12.6#

130 2.3 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121173.D

Acq: 3 Aug 2020 11:34

Instrument :

BNA_F

ClientSampleId :

TP-1

Tot Ion:136 Resp: 514393

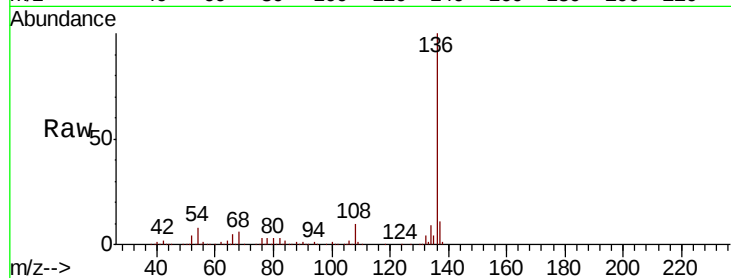
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.6 6.1 9.1

68 6.1 5.0 7.6

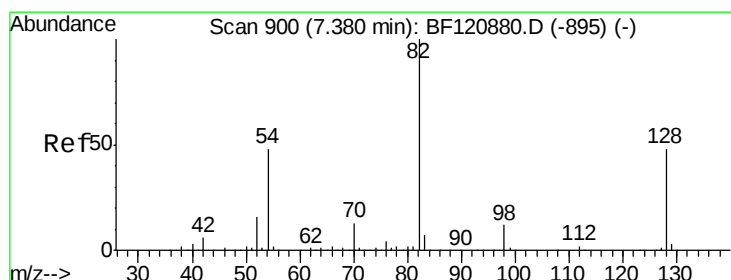
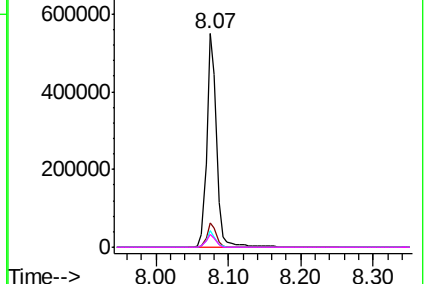
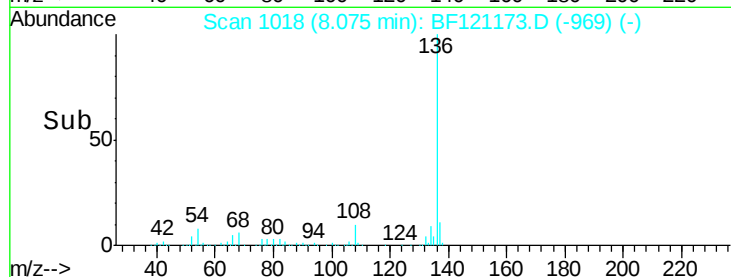


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 82.245 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121173.D

Acq: 3 Aug 2020 11:34

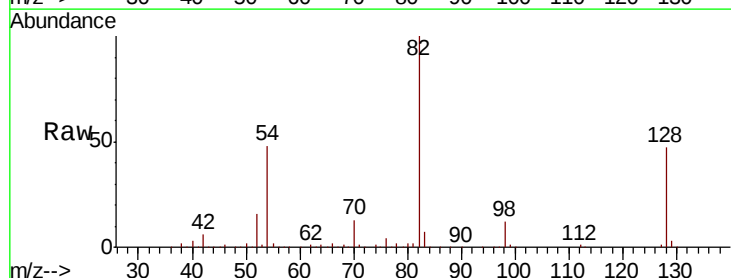
Tgt Ion: 82 Resp: 731142

Ion Ratio Lower Upper

82 100

128 46.6 39.2 58.8

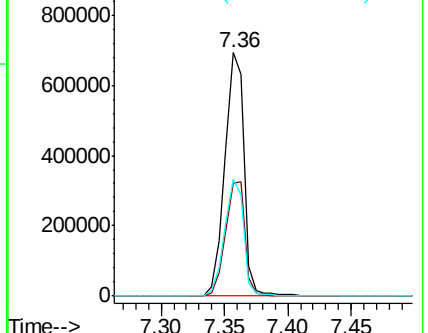
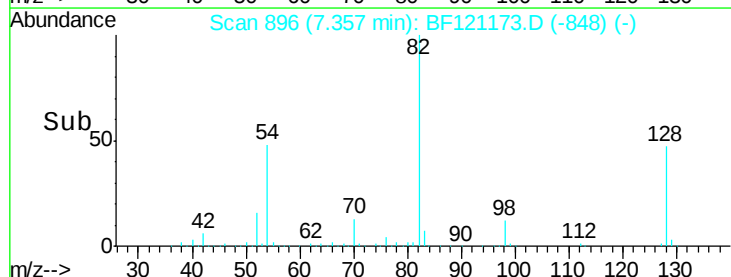
54 48.3 37.8 56.8

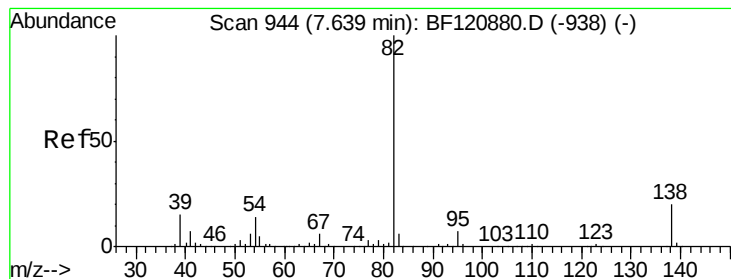


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.687 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121173.D

Acq: 3 Aug 2020 11:34

Instrument :

BNA_F

ClientSampled :

TP-1

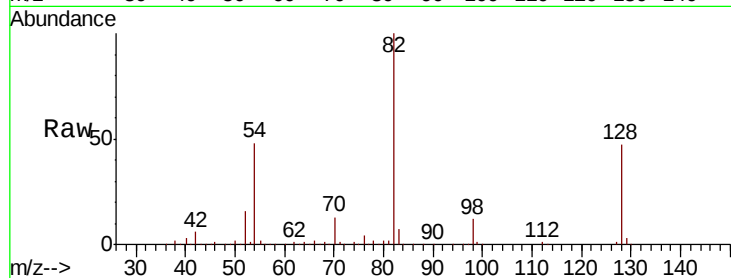
Tot Ion: 82 Resp: 721873

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

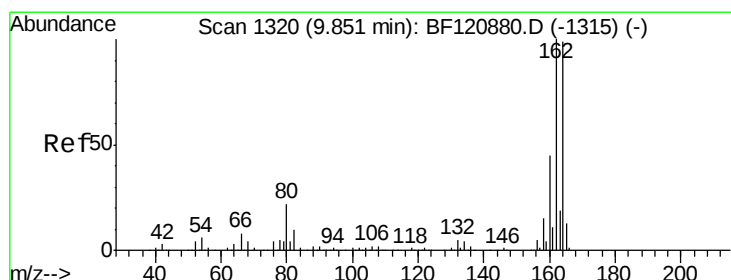
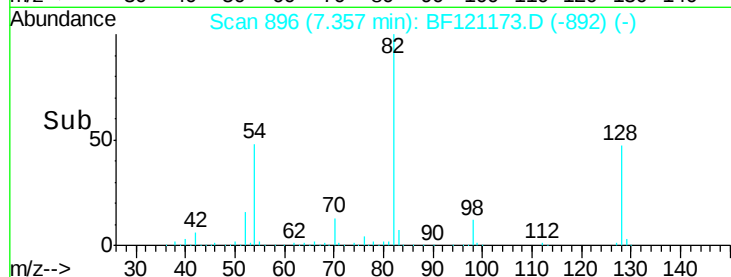
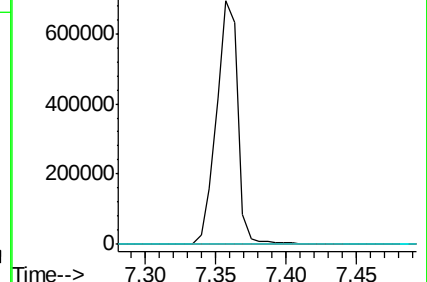
138 0.0 16.2 24.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121173.D

Acq: 3 Aug 2020 11:34

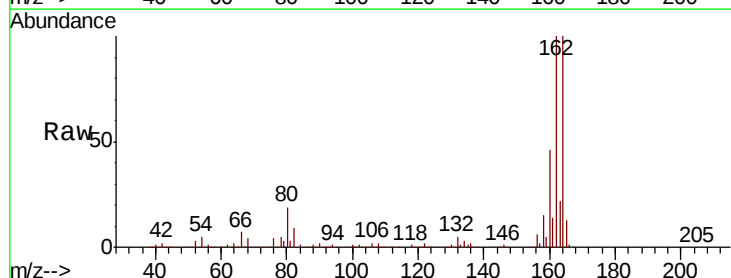
Tgt Ion: 164 Resp: 271071

Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.2

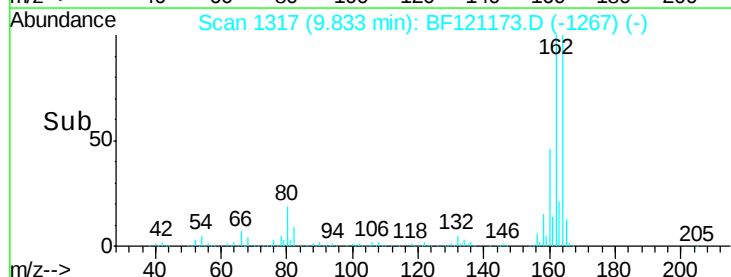
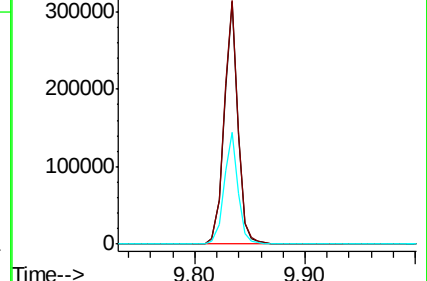
160 46.1 37.2 55.8

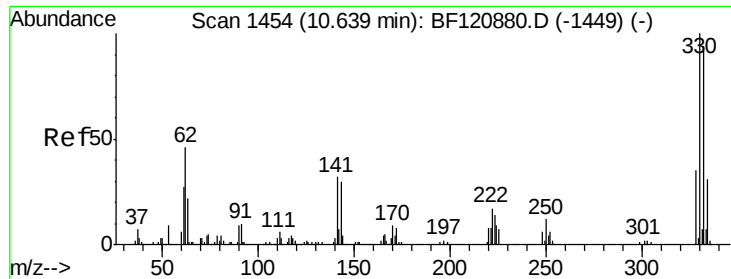


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

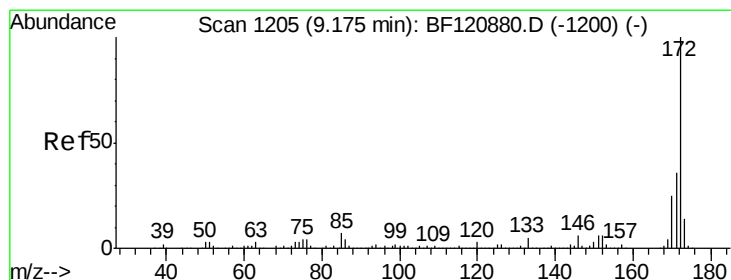
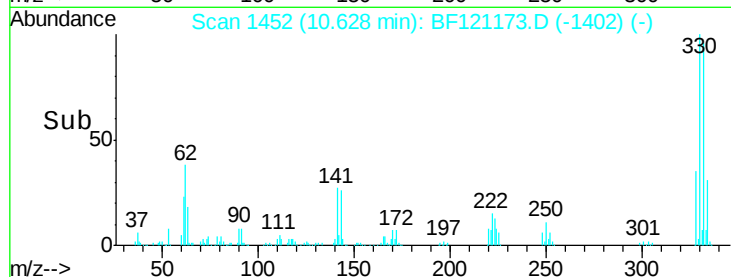
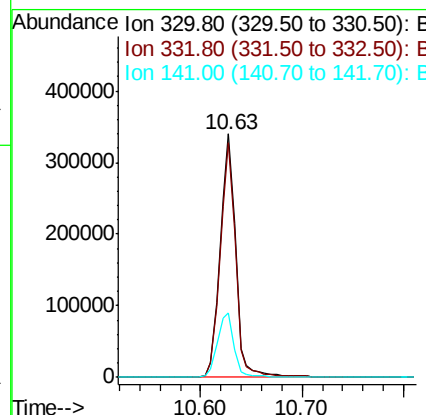
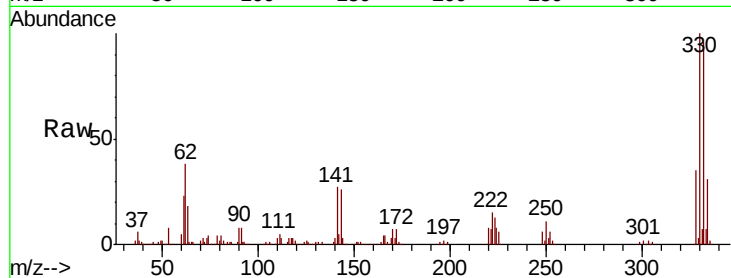




#42
 2,4,6-Tribromophenol
 Concen: 122.921 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121173.D
 Acq: 3 Aug 2020 11:34

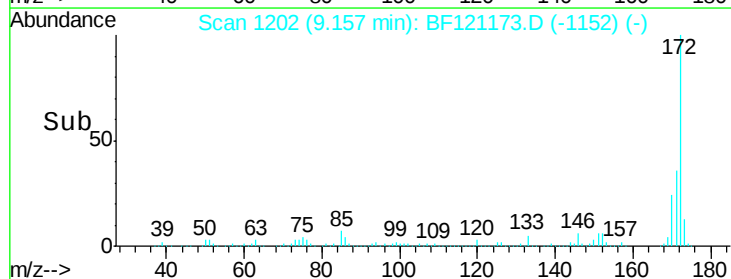
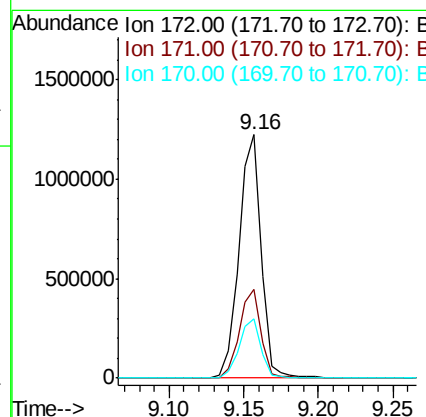
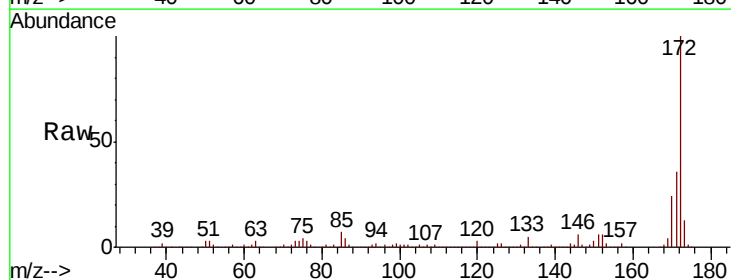
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

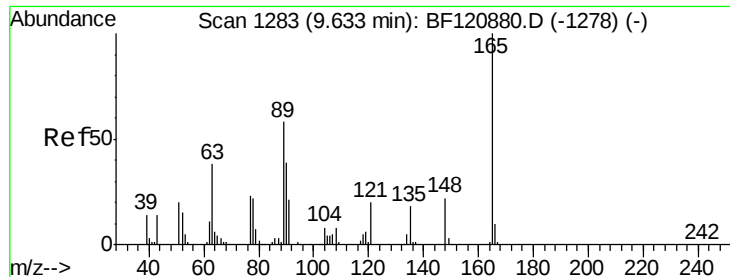
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.1	114.1
141	28.9	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 70.346 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121173.D
 Acq: 3 Aug 2020 11:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.4	19.6	29.4

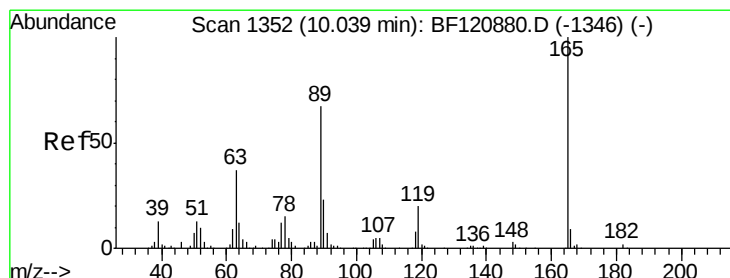
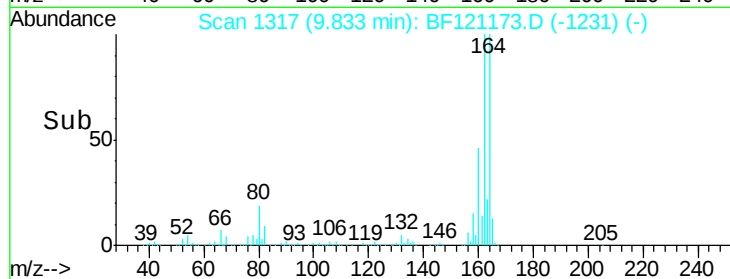
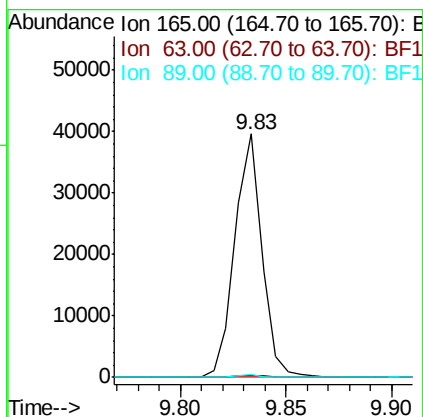
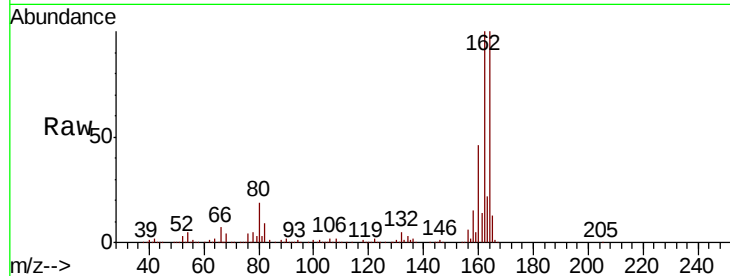




#51
 2,6-Dinitrotoluene
 Concen: 8.377 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.21 min
 Lab File: BF121173.D
 Acq: 3 Aug 2020 11:34

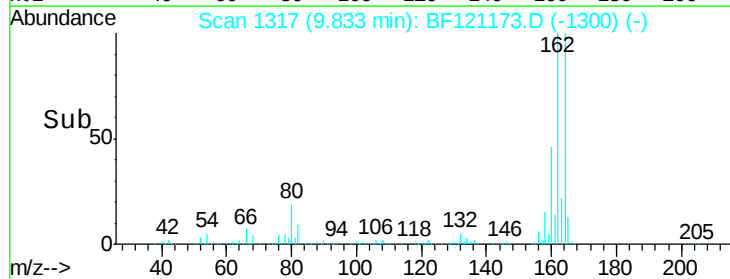
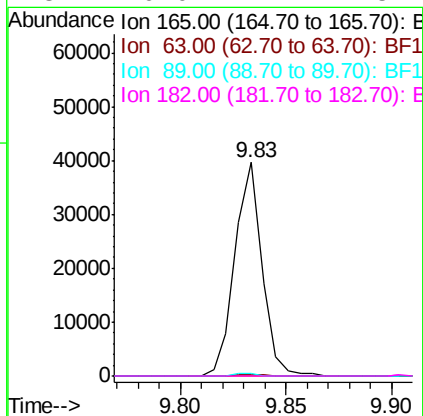
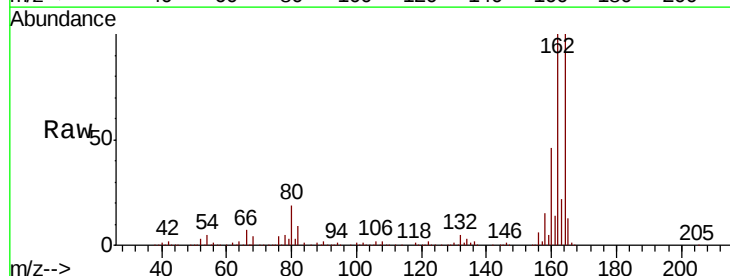
Instrument :
 BNA_F
 ClientSampled :
 TP-1

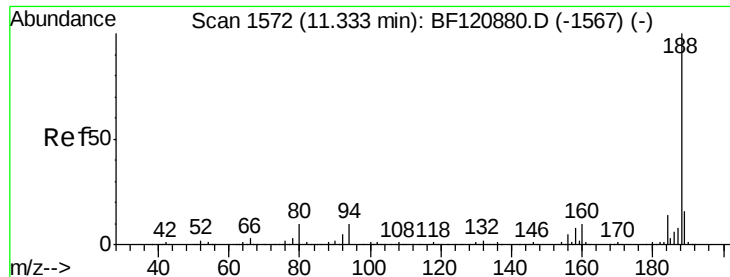
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	41.1	61.7#
89	1.3	43.5	65.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.379 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.20 min
 Lab File: BF121173.D
 Acq: 3 Aug 2020 11:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.8	44.8#
89	1.3	50.3	75.5#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121173.D

Acq: 3 Aug 2020 11:34

Instrument :

BNA_F

ClientSampleId :

TP-1

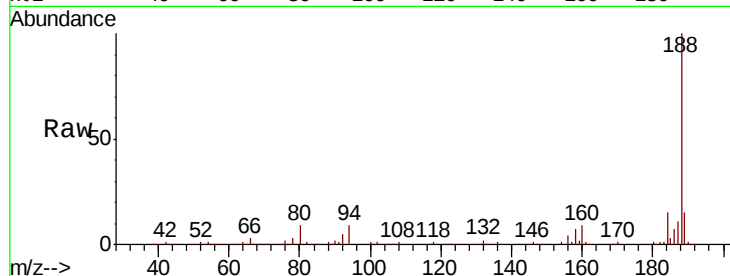
Tot Ion:188 Resp: 533638

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

80 9.1 8.3 12.5

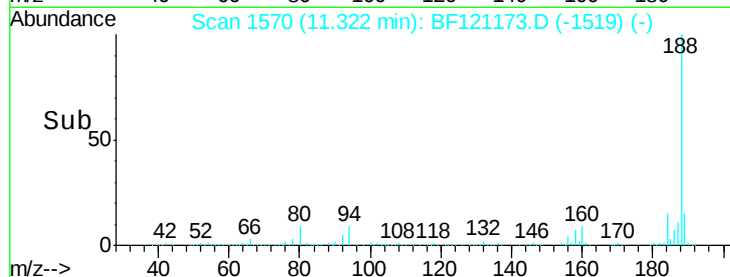


Abundance Ion 188.00 (187.70 to 188.70): E

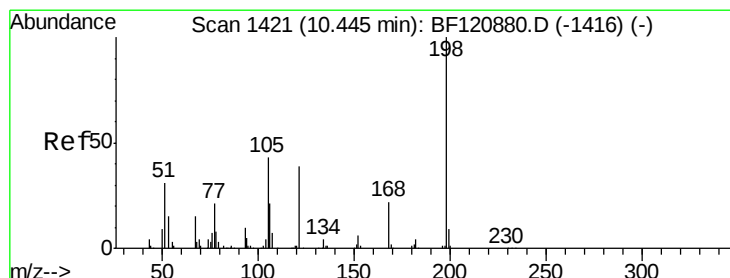
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time--> 11.25 11.30 11.35



Time--> 11.25 11.30 11.35



#65

4,6-Dinitro-2-methylphenol

Concen: 4.014 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF121173.D

Acq: 3 Aug 2020 11:34

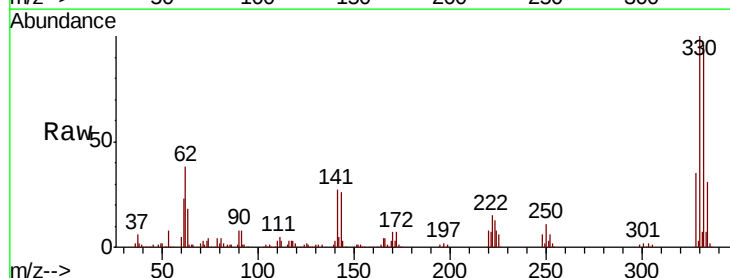
Tgt Ion:198 Resp: 576

Ion Ratio Lower Upper

198 100

51 158.3 23.4 63.4#

105 176.7 23.7 63.7#

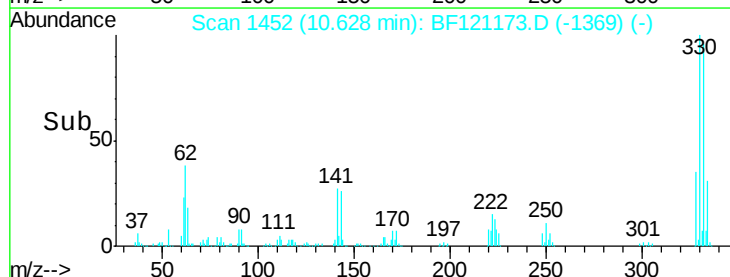


Abundance Ion 198.00 (197.70 to 198.70): E

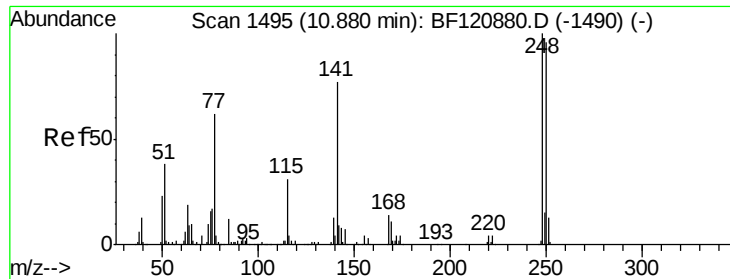
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time--> 10.60 10.62 10.64



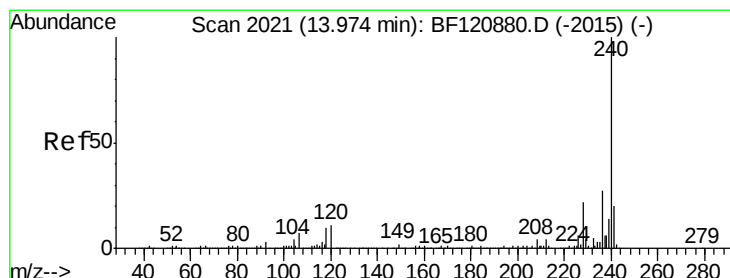
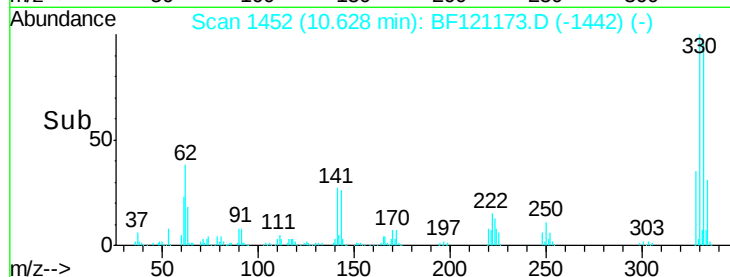
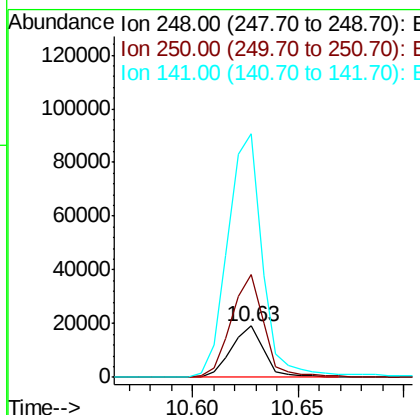
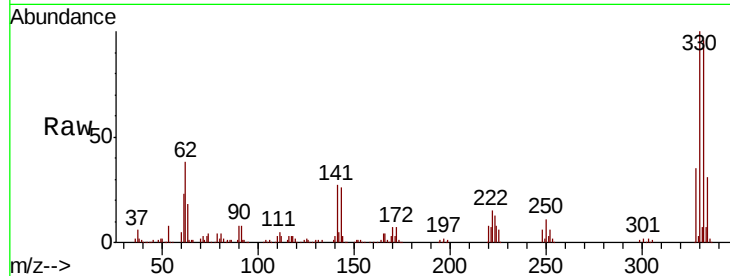
Time--> 10.60 10.62 10.64



#67
 4-Bromophenyl-phenylether
 Concen: 3.406 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF121173.D
 Acq: 3 Aug 2020 11:34

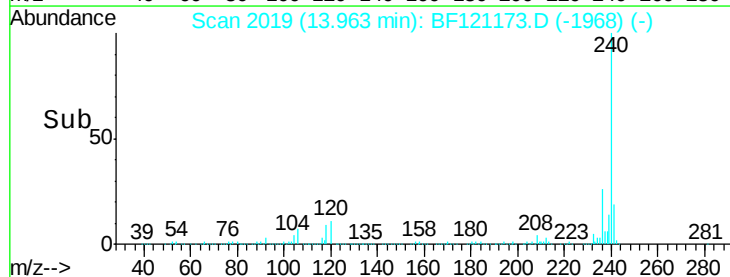
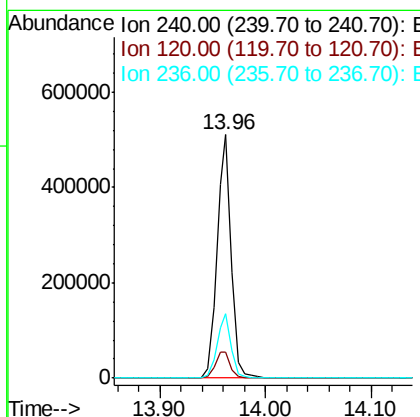
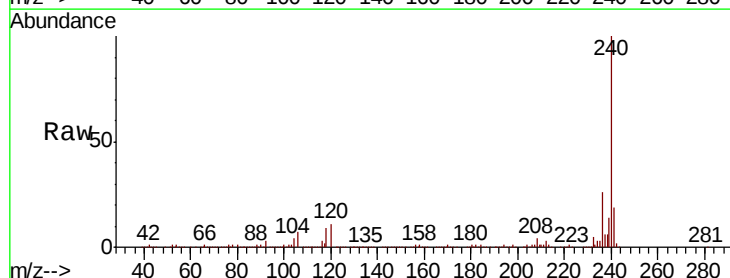
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

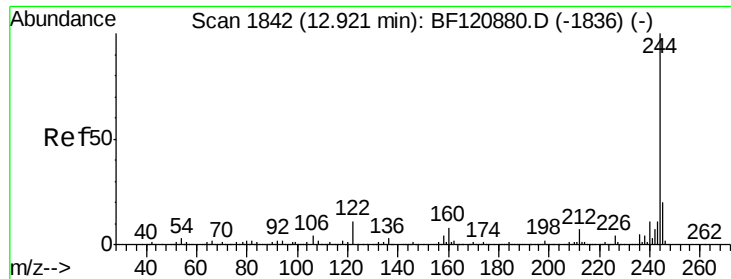
Tot Ion:248 Resp: 20263
 Ion Ratio Lower Upper
 248 100
 250 201.2 77.0 115.6#
 141 474.7 56.6 85.0#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF121173.D
 Acq: 3 Aug 2020 11:34

Tgt Ion:240 Resp: 482874
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.3 13.9
 236 26.4 21.1 31.7

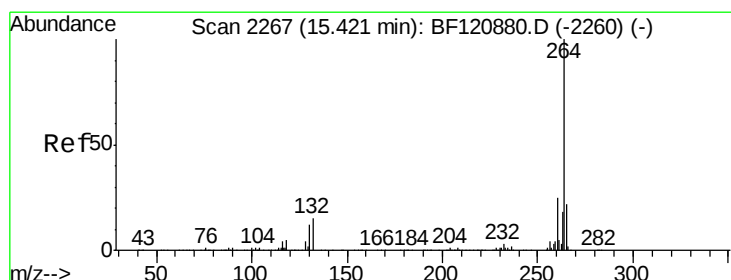
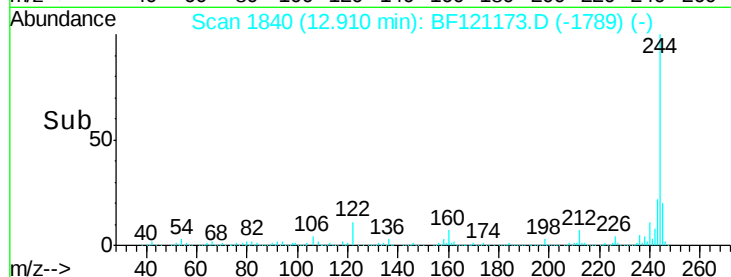
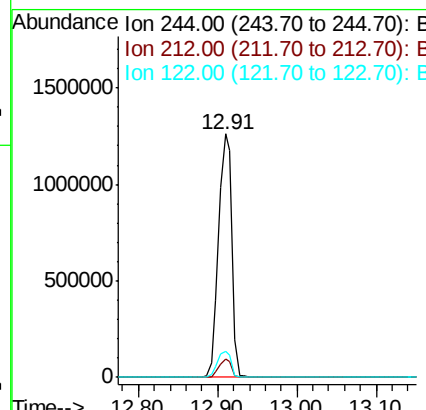
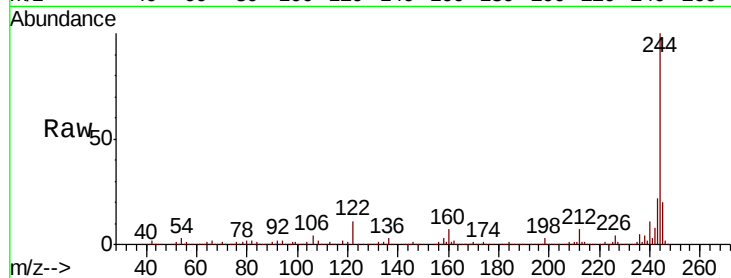




#79
 Terphenyl-d14
 Concen: 65.788 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121173.D
 Acq: 3 Aug 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:244 Resp: 1461385
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: BF121173.D
 Acq: 3 Aug 2020 11:34

Tgt Ion:264 Resp: 481259
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.3 17.8 26.8

