

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
 Data File : BF121590.D
 Acq On : 16 Sep 2020 11:15
 Operator : JU/CG
 Sample : PB131616BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BL

Quant Time: Sep 16 12:55:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

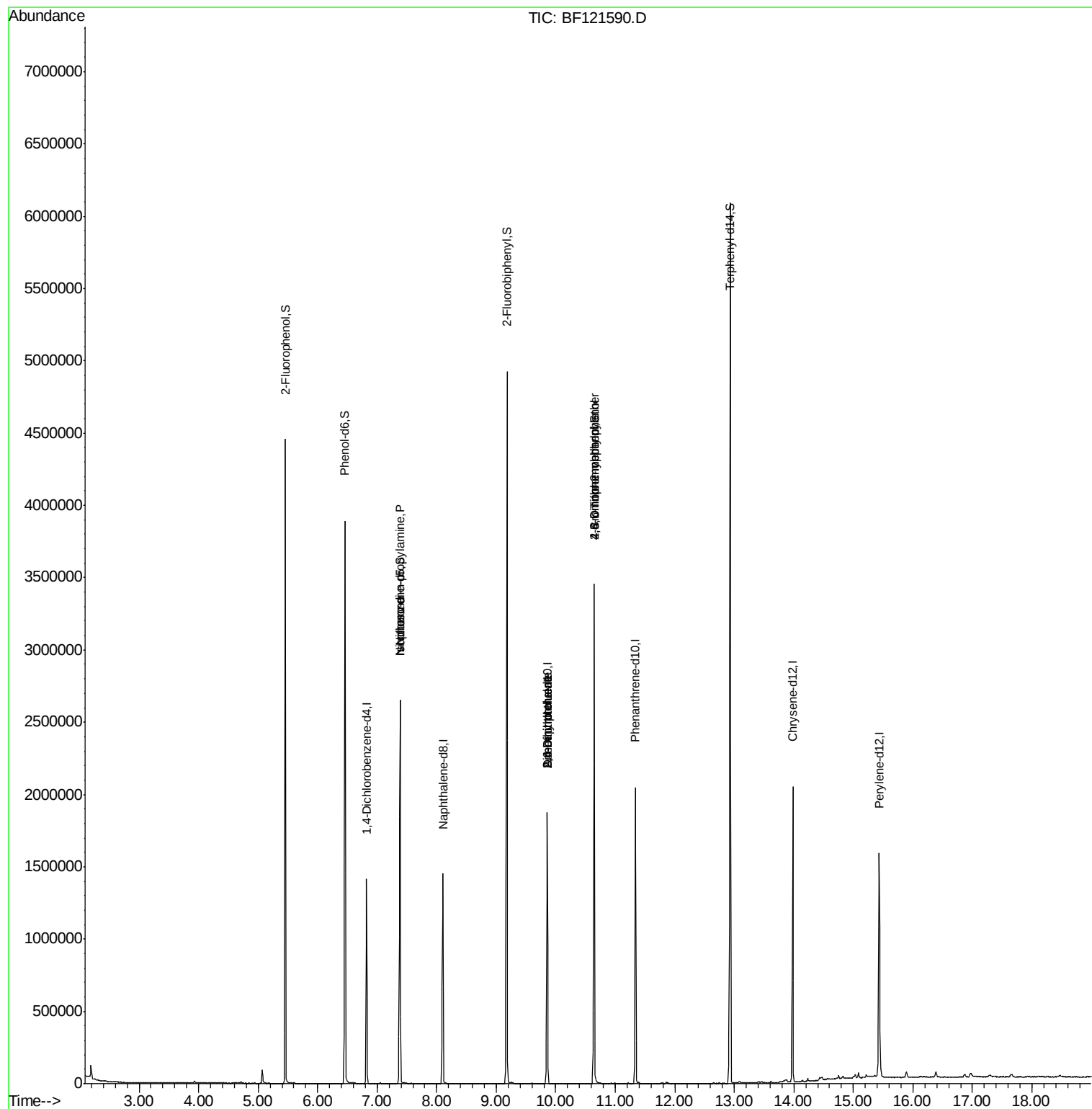
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	192889	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	764502	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	404971	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	796500	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	720300	20.00	ng	-0.01
86) Perylene-d12	15.43	264	678832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1215584	93.66	ng	0.01
7) Phenol-d6	6.46	99	1558151	91.50	ng	0.00
23) Nitrobenzene-d5	7.38	82	1080930	75.91	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	523439	104.00	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	1929460	72.16	ng	-0.01
79) Terphenyl-d14	12.93	244	2182146	61.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	145000	14.775	ng	# 81
25) Isophorone	7.38	82	1072885	37.431	ng	# 66
50) Dimethylphthalate	9.86	163	88179	3.004	ng	# 1
51) 2,6-Dinitrotoluene	9.86	165	52366	8.377	ng	# 29
57) 2,4-Dinitrotoluene	9.86	165	52366	6.659	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.65	198	1096	7.044	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	30090	3.318	ng	# 1

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

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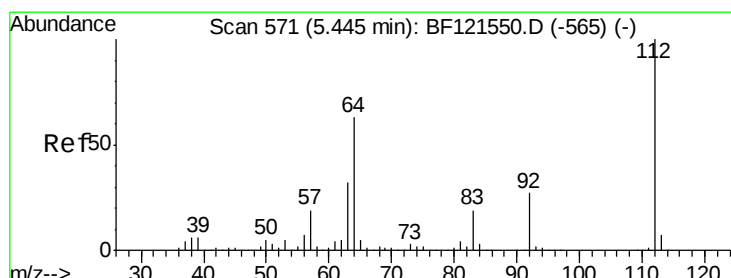
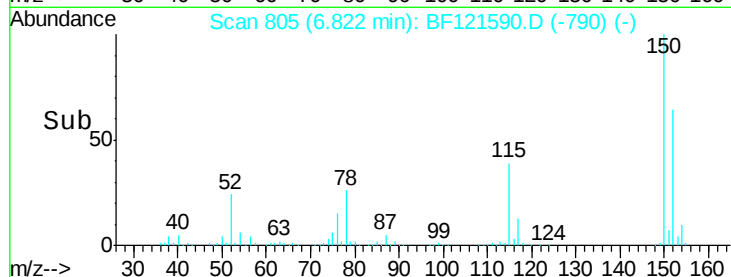
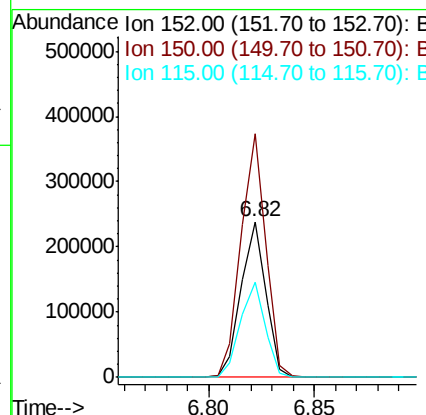
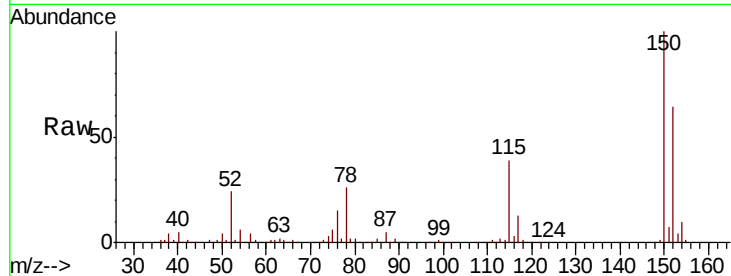




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF121590.D
 Acq: 16 Sep 2020 11:15

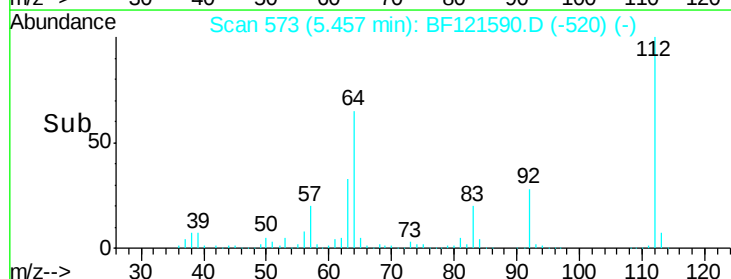
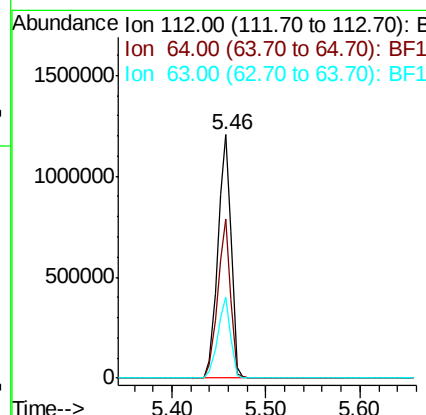
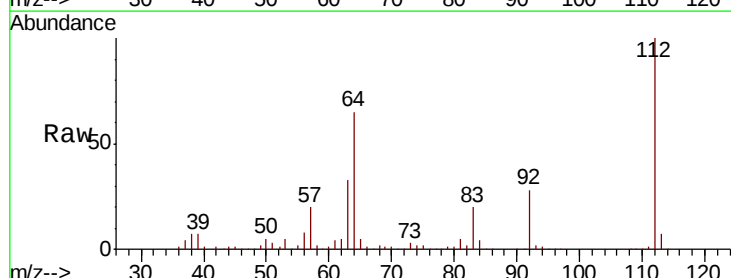
Instrument :
 BNA_F
 ClientSampleID :
 PB131616BL

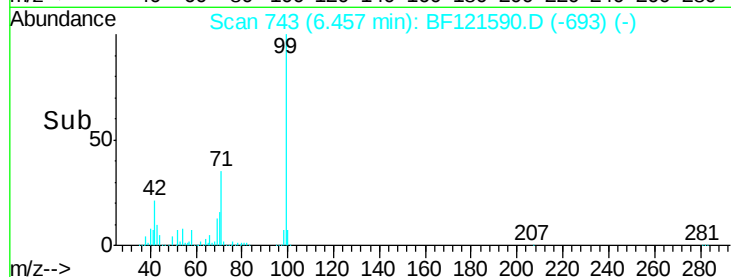
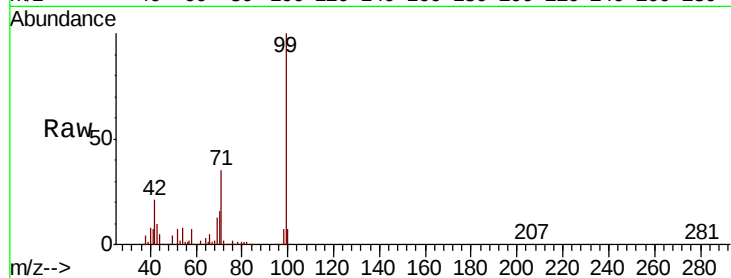
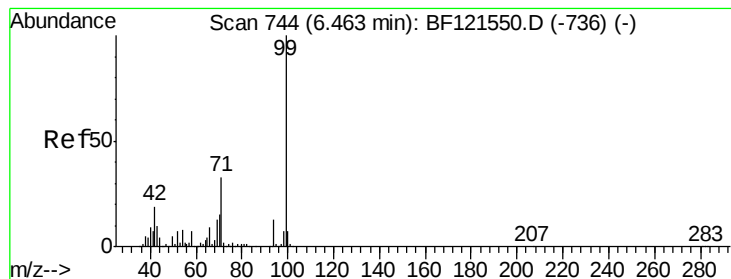
Tot Ion:152 Resp: 192889
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.8 188.6
 115 61.5 47.8 71.8



#5
 2-Fluorophenol
 Concen: 93.655 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF121590.D
 Acq: 16 Sep 2020 11:15

Tgt Ion:112 Resp: 1215584
 Ion Ratio Lower Upper
 112 100
 64 65.2 50.3 75.5
 63 33.2 25.6 38.4





#7

Phenol-d6

Concen: 91.505 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

Instrument :

BNA_F

ClientSampleId :

PB131616BL

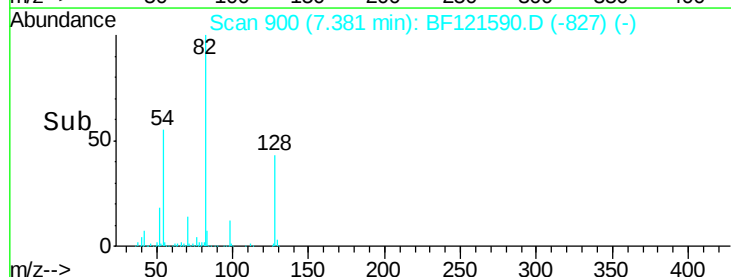
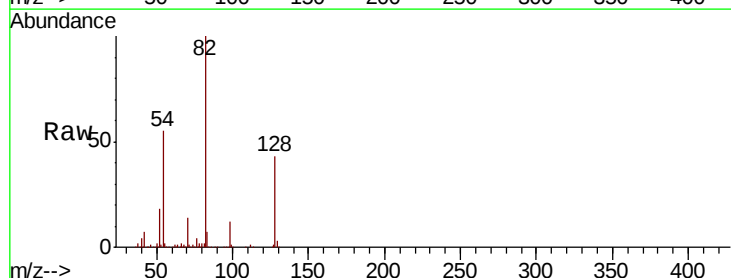
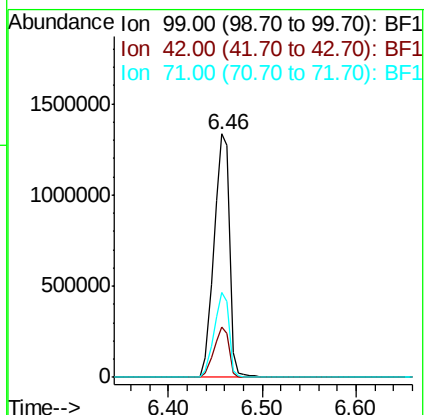
Tot Ion: 99 Resp: 1558151

Ion Ratio Lower Upper

99 100

42 20.9 15.5 23.3

71 35.1 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.775 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.13 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

Tgt Ion: 70 Resp: 145000

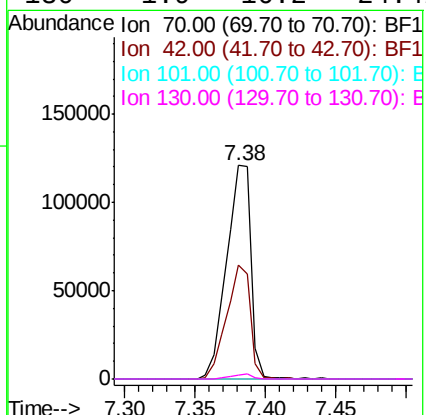
Ion Ratio Lower Upper

70 100

42 53.1 49.4 74.2

101 0.0 7.6 11.4#

130 1.9 16.2 24.4#

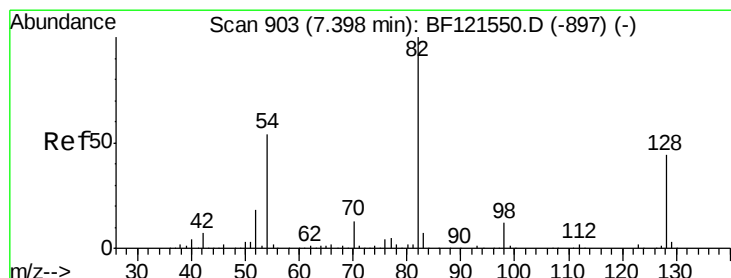
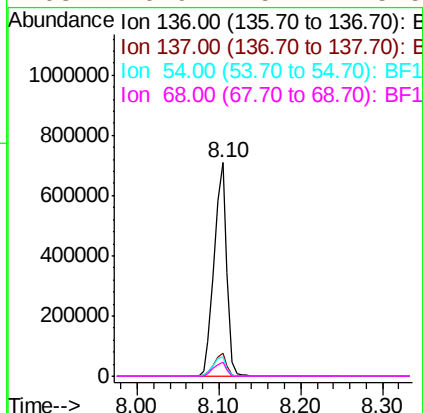
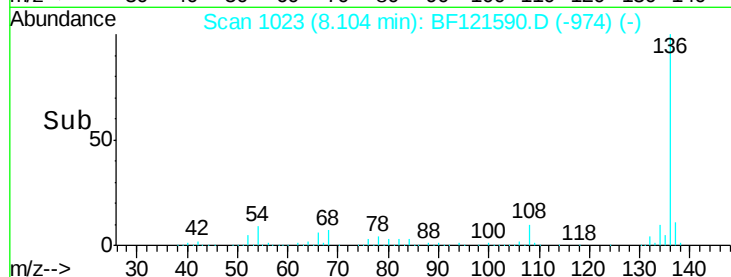
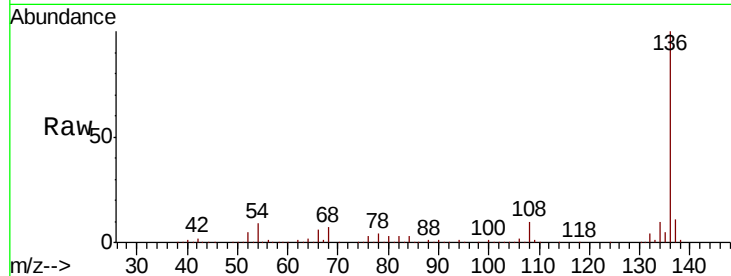




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121590.D
Acq: 16 Sep 2020 11:15

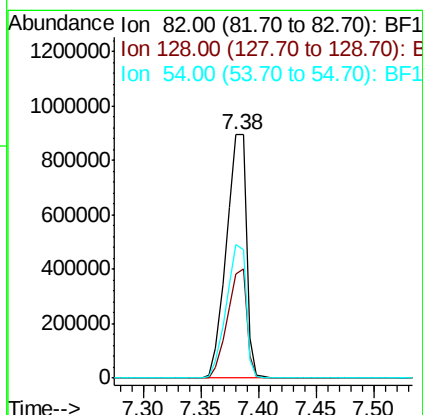
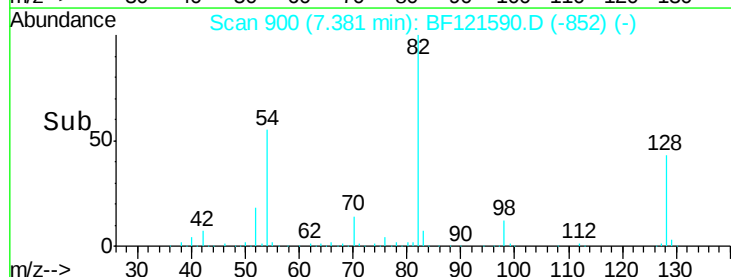
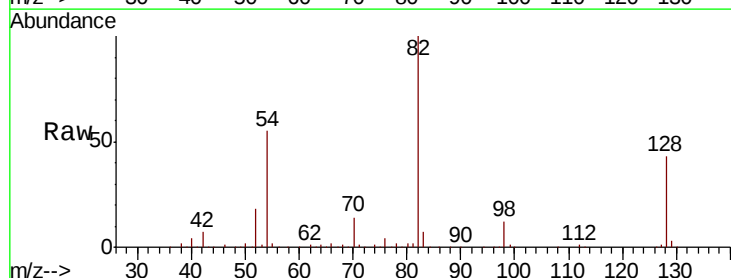
Instrument :
BNA_F
ClientSampleId :
PB131616BL

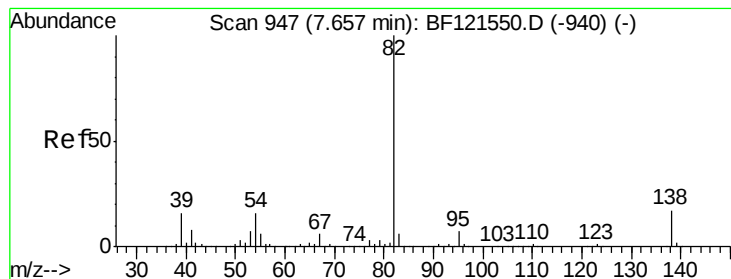
Tot Ion:136	Resp:	764502
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.0 13.6
54	9.0	7.6 11.4
68	6.9	5.7 8.5



#23
Nitrobenzene-d5
Concen: 75.915 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF121590.D
Acq: 16 Sep 2020 11:15

Tgt Ion: 82	Resp:	1080930
Ion	Ratio	Lower Upper
82	100	
128	42.7	35.1 52.7
54	54.7	43.0 64.6





#25

Isophorone

Concen: 37.431 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.28 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

Instrument :

BNA_F

ClientSampleId :

PB131616BL

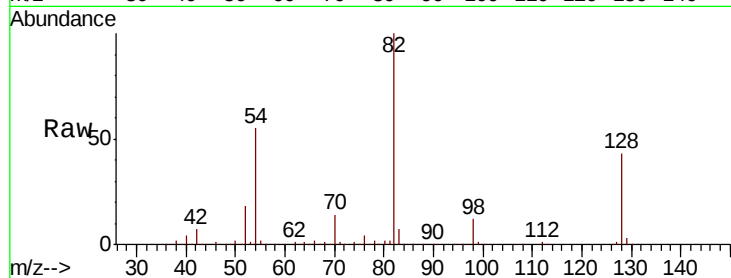
Tot Ion: 82 Resp: 1072885

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

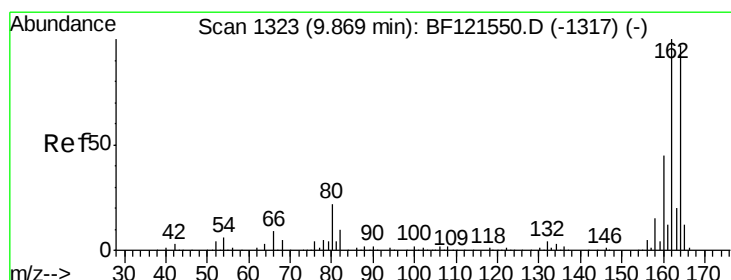
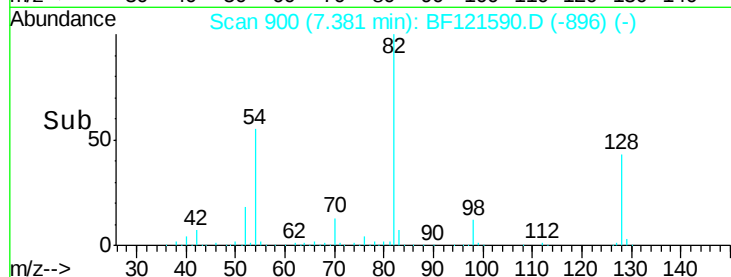
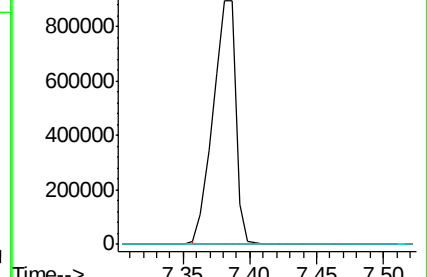
138 0.0 13.7 20.5#



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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

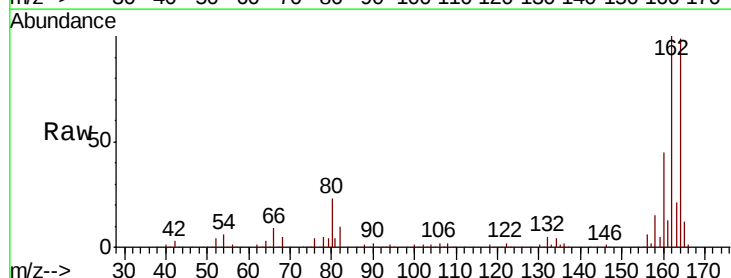
Tgt Ion: 164 Resp: 404971

Ion Ratio Lower Upper

164 100

162 101.2 82.3 123.5

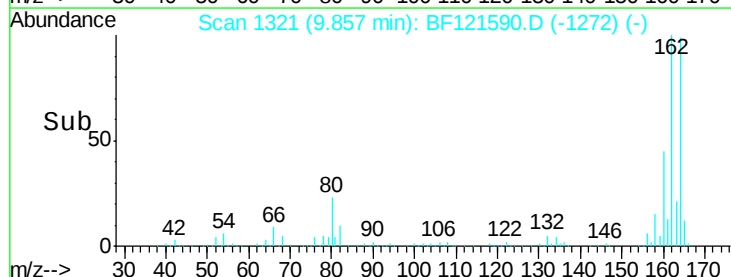
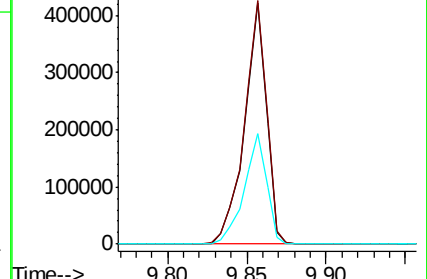
160 45.9 37.0 55.4

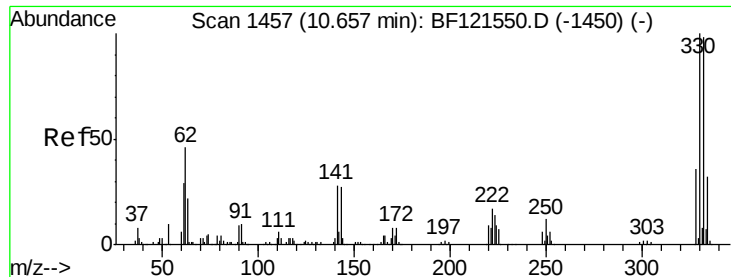


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 103.996 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

Instrument :

BNA_F

ClientSampleId :

PB131616BL

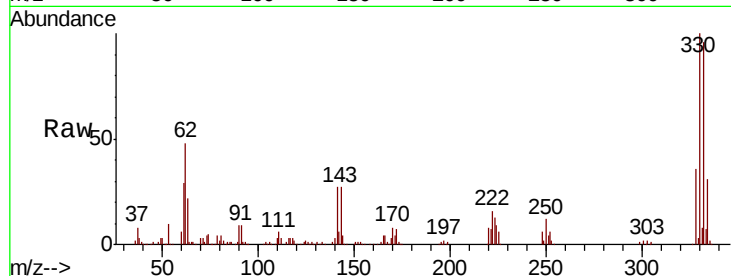
Tot Ion:330 Resp: 523439

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

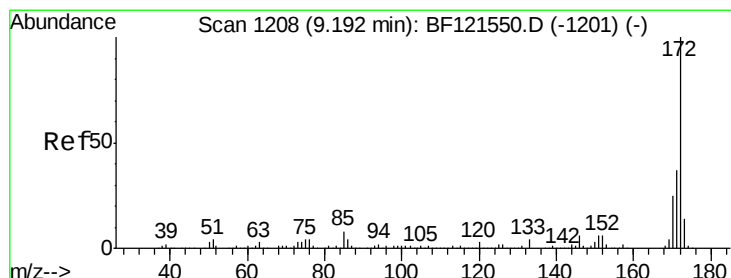
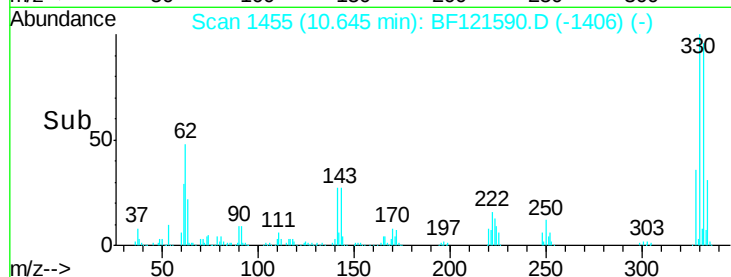
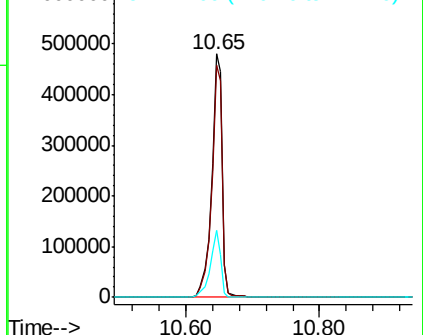
141 27.3 23.6 35.4



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: 72.159 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

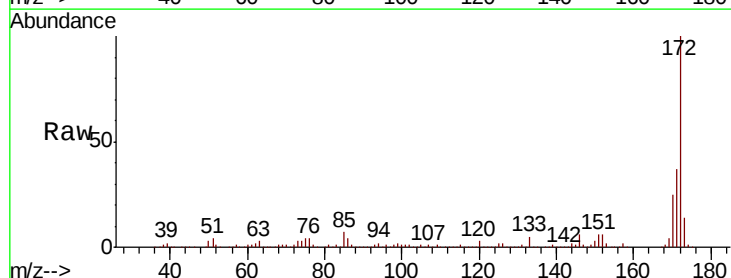
Tgt Ion:172 Resp: 1929460

Ion Ratio Lower Upper

172 100

171 36.8 29.8 44.6

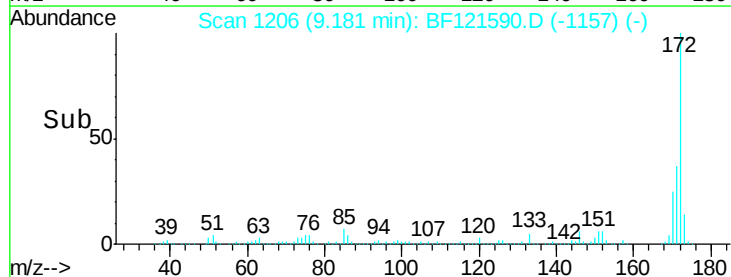
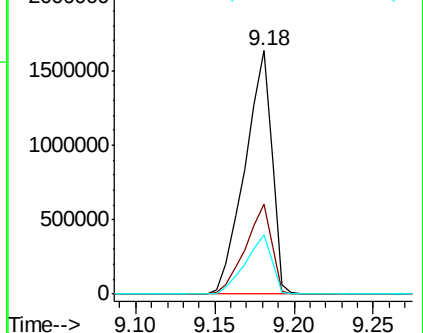
170 24.5 19.8 29.8

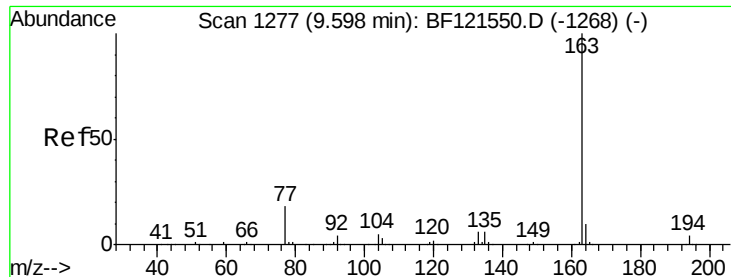


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.004 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.26 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

Instrument :

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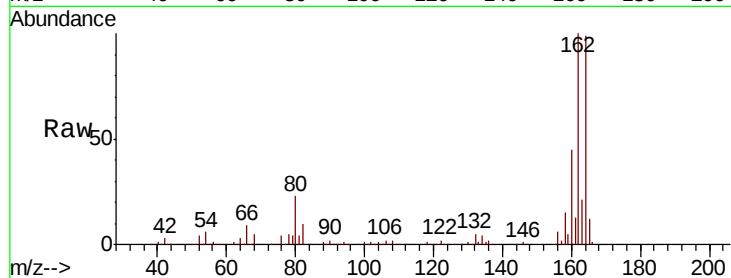
Tot Ion:163 Resp: 88179

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

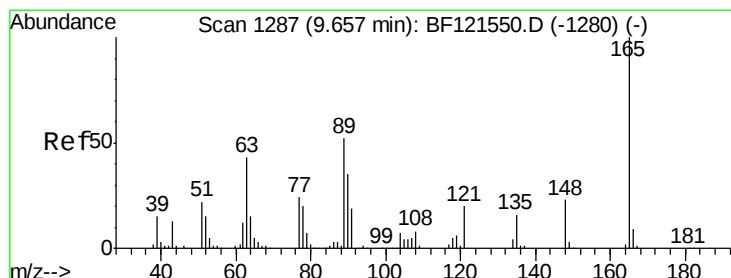
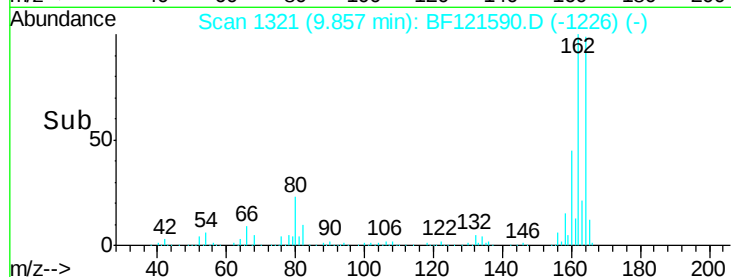
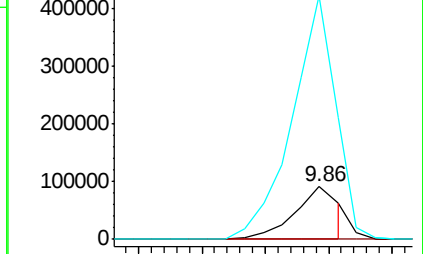
164 462.8 7.9 11.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.377 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.20 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

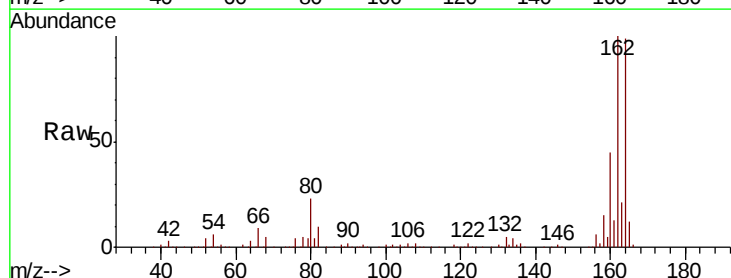
Tgt Ion:165 Resp: 52366

Ion Ratio Lower Upper

165 100

63 1.6 40.6 61.0#

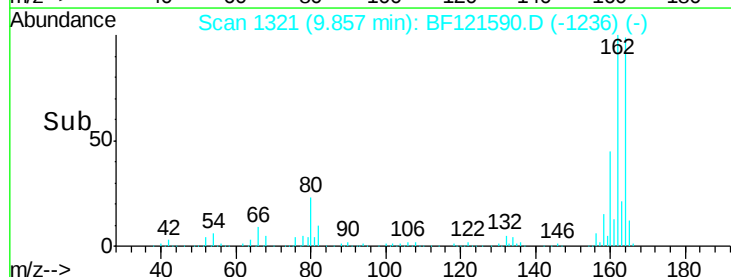
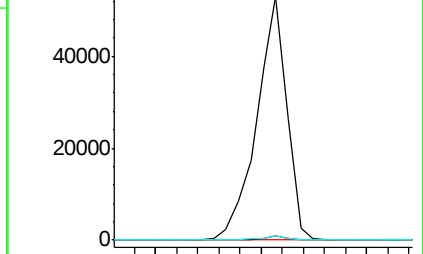
89 1.5 41.8 62.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

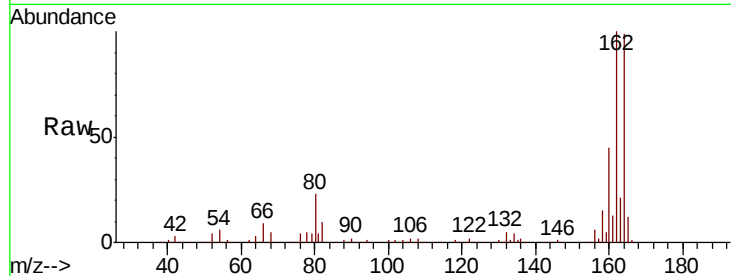




#57
 2,4-Dinitrotoluene
 Concen: 6.659 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.20 min
 Lab File: BF121590.D
 Acq: 16 Sep 2020 11:15

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	1.5	58.2	87.4#
182	0.0	2.2	3.2#

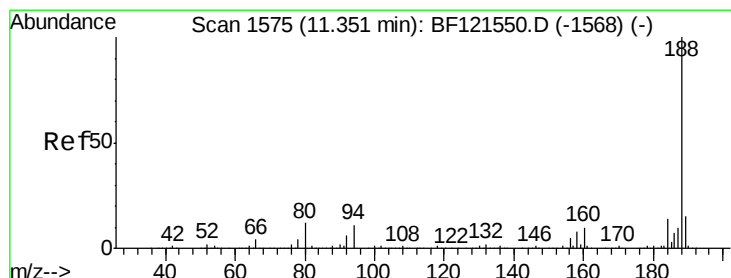
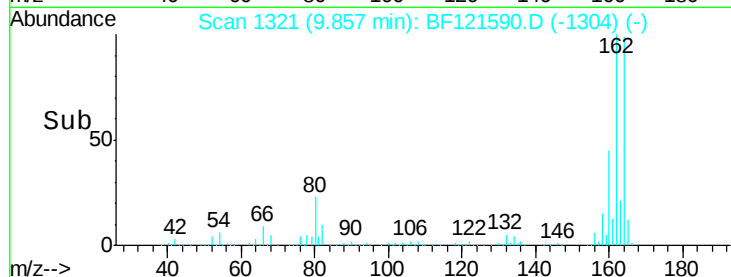
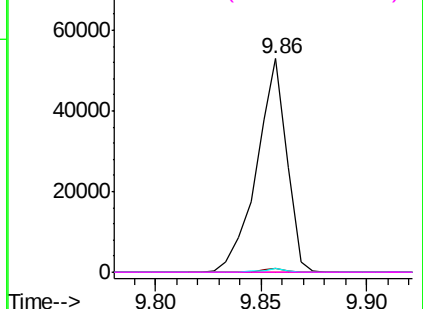


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

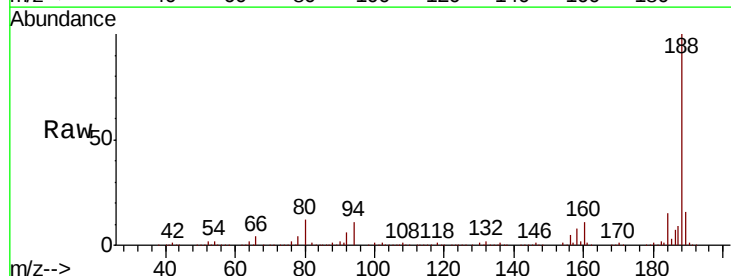
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF121590.D
 Acq: 16 Sep 2020 11:15

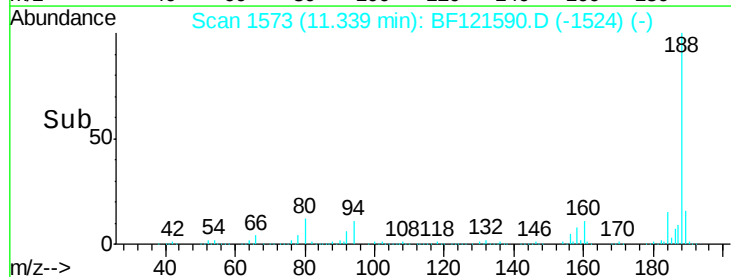
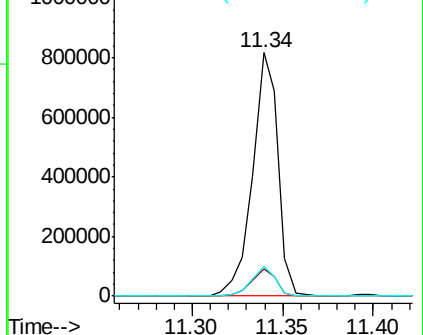
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.7	13.1
80	12.1	9.3	13.9

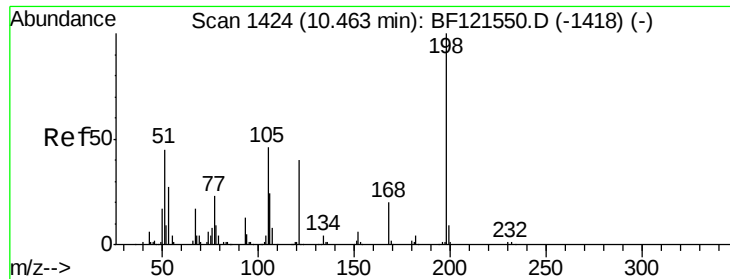


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

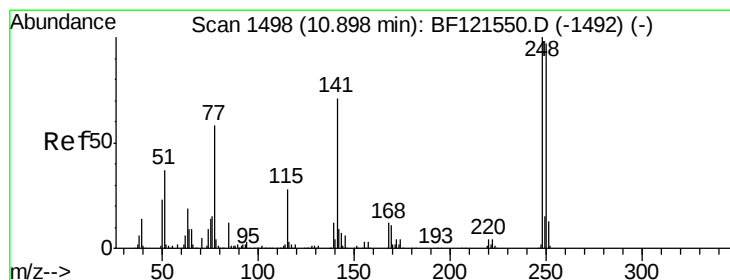
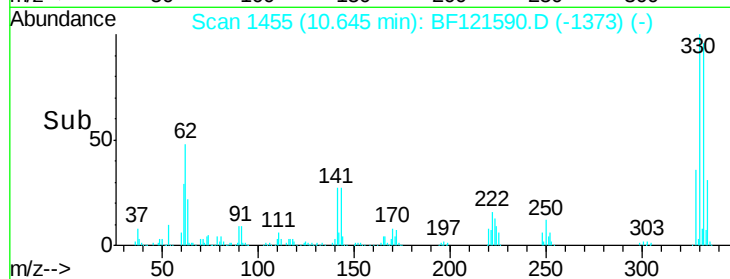
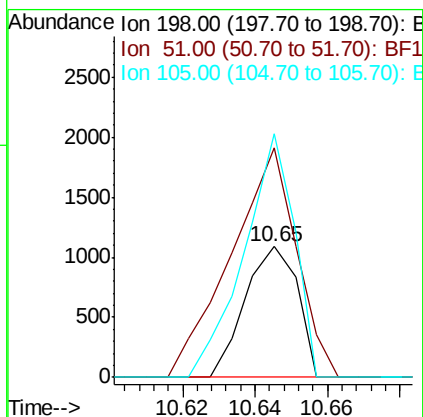
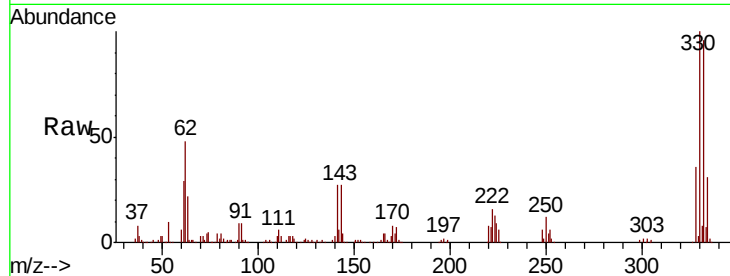




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.044 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.18 min
 Lab File: BF121590.D
 Acq: 16 Sep 2020 11:15

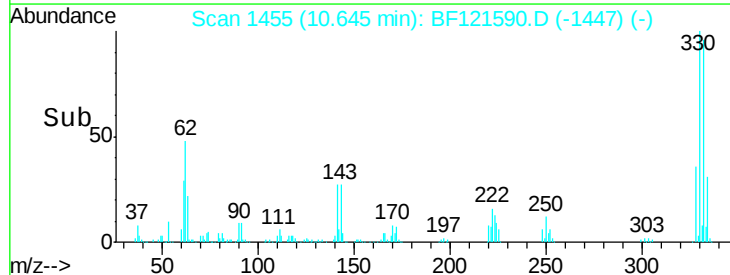
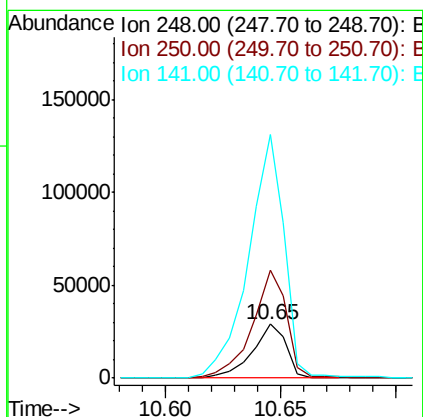
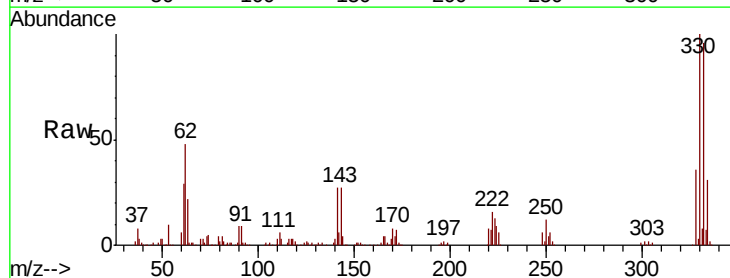
Instrument :
 BNA_F
 ClientSampleId :
 PB131616BL

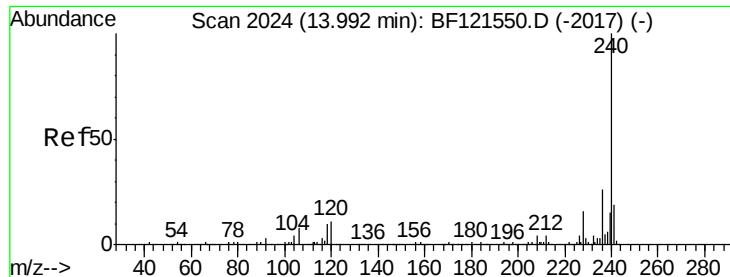
Tot Ion:198 Resp: 1096
 Ion Ratio Lower Upper
 198 100
 51 175.1 31.1 71.1#
 105 186.1 26.6 66.6#



#67
 4-Bromophenyl-phenylether
 Concen: 3.318 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.25 min
 Lab File: BF121590.D
 Acq: 16 Sep 2020 11:15

Tgt Ion:248 Resp: 30090
 Ion Ratio Lower Upper
 248 100
 250 201.7 77.4 116.0#
 141 453.8 56.7 85.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

Instrument :

BNA_F

ClientSampleId :

PB131616BL

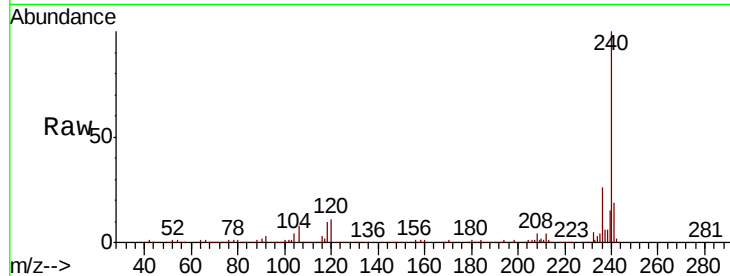
Tot Ion:240 Resp: 720300

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

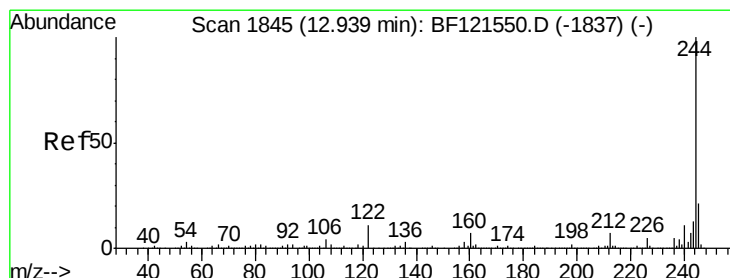
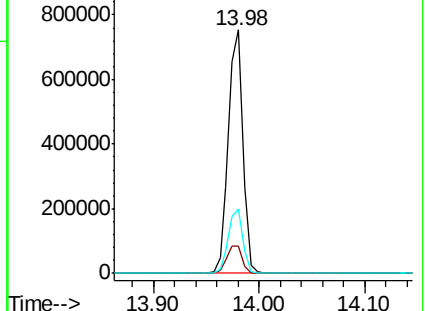
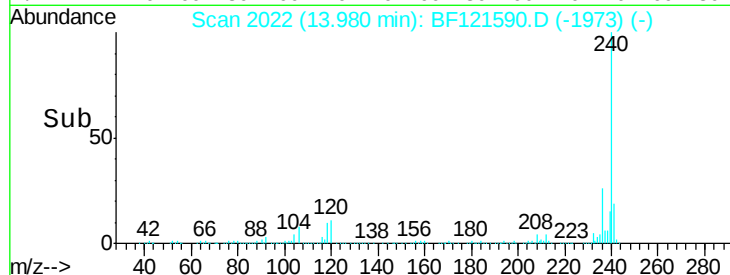
236 26.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 61.375 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF121590.D

Acq: 16 Sep 2020 11:15

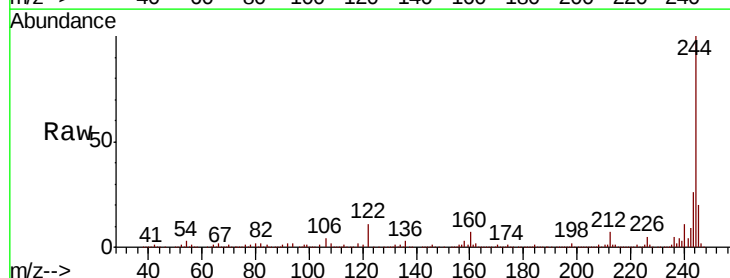
Tgt Ion:244 Resp: 2182146

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

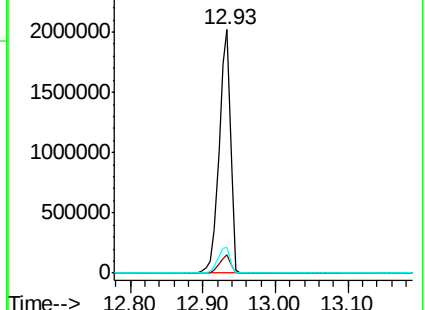
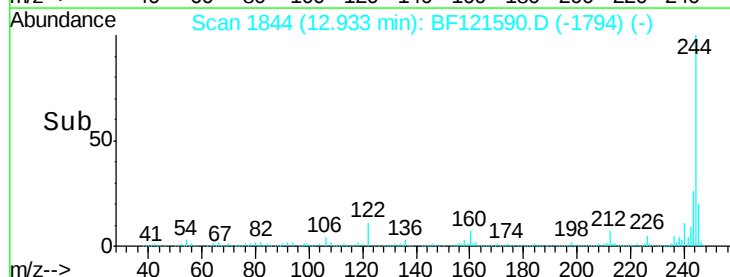
122 10.5 8.7 13.1

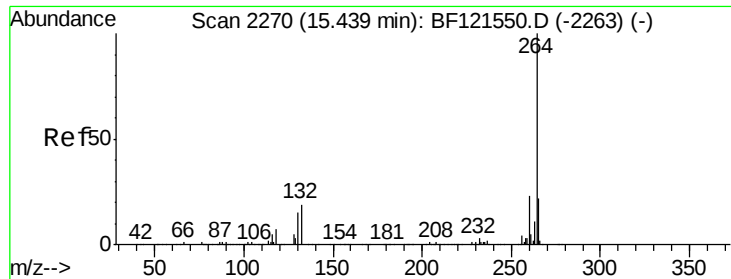


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF121590.D
Acq: 16 Sep 2020 11:15

Instrument :
BNA_F
ClientSampleId :
PB131616BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.8	17.8	26.6

