

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121750.D
 Acq On : 30 Sep 2020 21:06
 Operator : JU/CG
 Sample : L4189-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C-2334-C

Quant Time: Oct 01 00:37:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

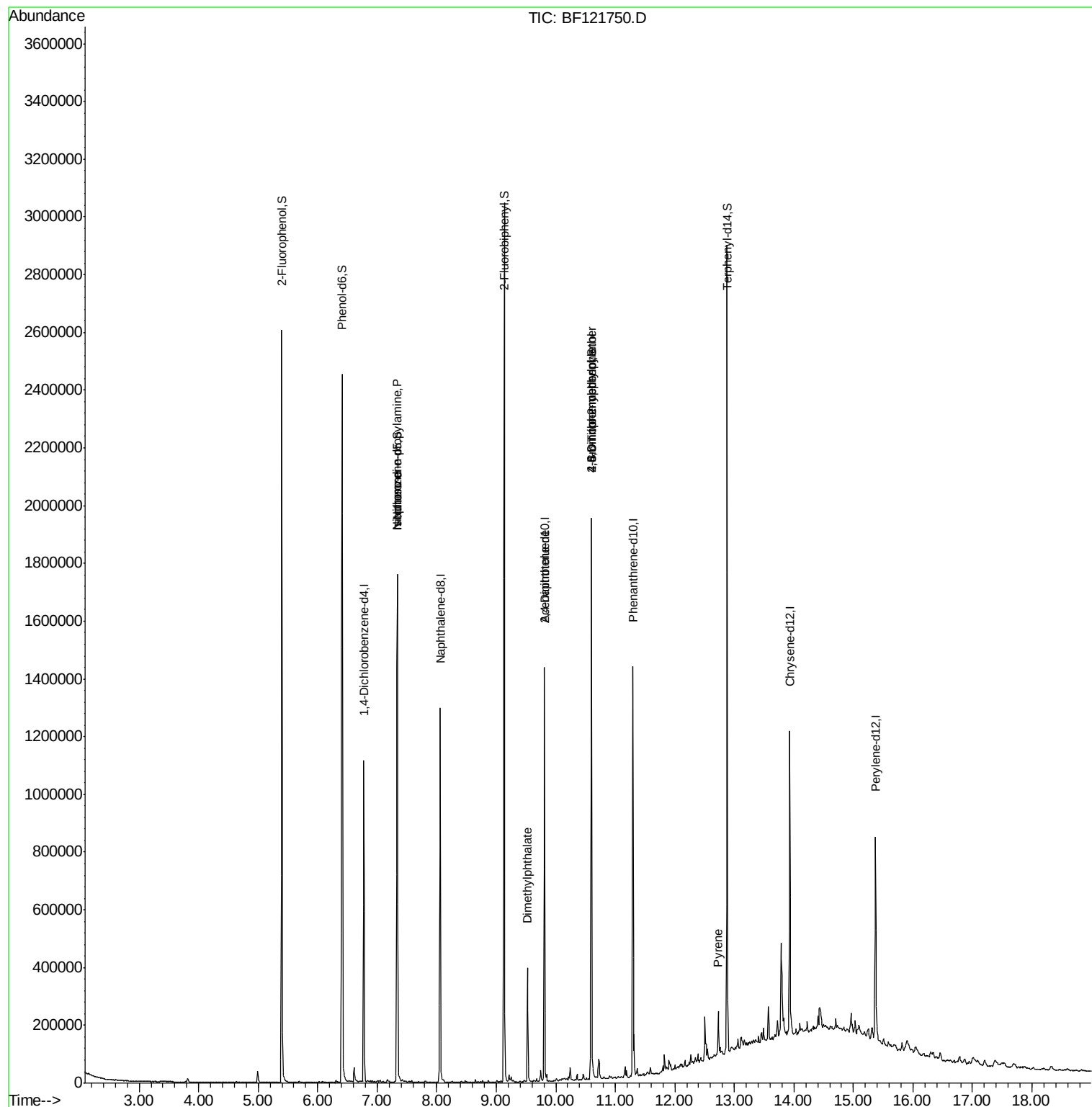
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	148679	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	586130	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	303786	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	542197	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	361454	20.00	ng	-0.01
86) Perylene-d12	15.37	264	313149	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	679538	67.92	ng	0.00
7) Phenol-d6	6.41	99	872284	66.46	ng	-0.02
23) Nitrobenzene-d5	7.34	82	593657	54.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	252223	66.80	ng	-0.02
45) 2-Fluorobiphenyl	9.13	172	974180	48.57	ng	-0.02
79) Terphenyl-d14	12.88	244	840247	47.09	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	79859	10.557	ng	# 79
25) Isophorone	7.34	82	585636	26.650	ng	# 66
50) Dimethylphthalate	9.53	163	147007	6.677	ng	# 99
57) 2,4-Dinitrotoluene	9.81	165	38368	6.504	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.60	198	414	6.959	ng	# 1
67) 4-Bromophenyl-phenylether	10.60	248	14893	2.413	ng	# 1
78) Pyrene	12.73	202	55975	2.120	ng	98

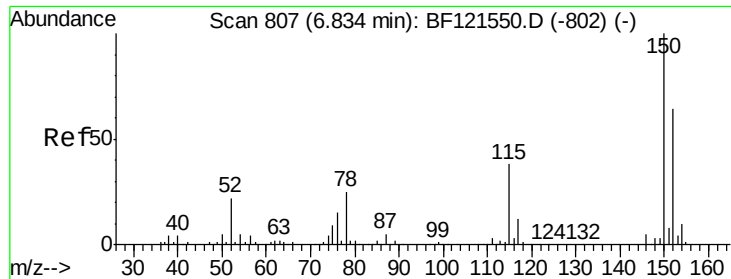
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121750.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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TP-C-2334-C

Quant Time: Oct 01 00:37:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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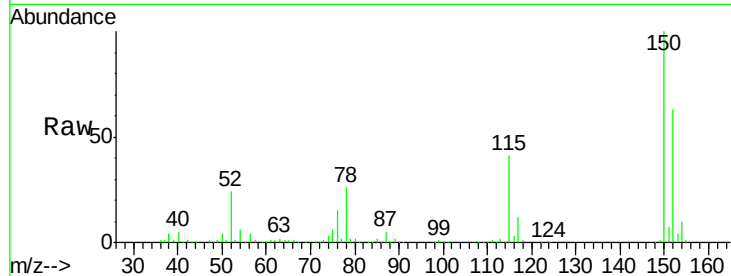


#1

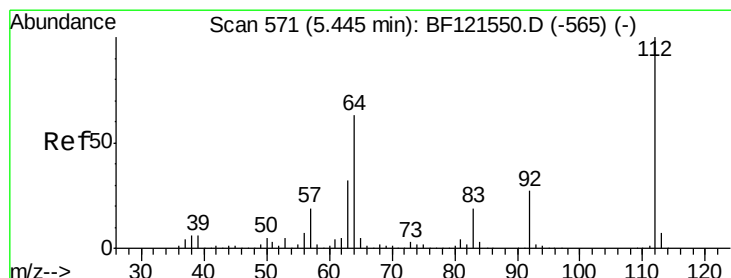
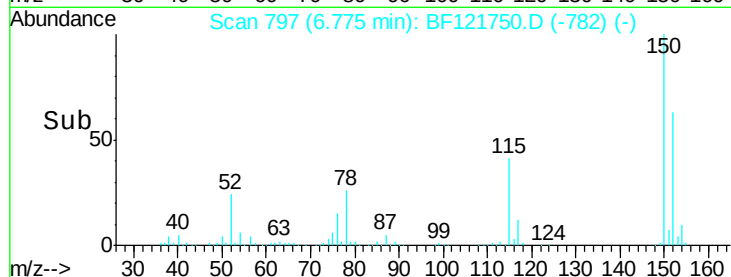
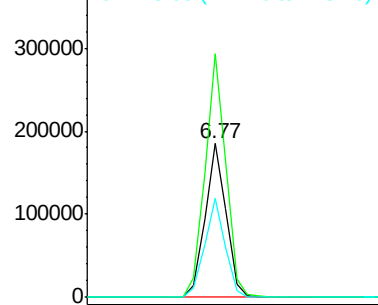
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121750.D
Acq: 30 Sep 2020 21:06

Instrument :
BNA_F
ClientSampleId :
TP-C-2334-C

Tot Ion:152 Resp: 148679
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.8
115 64.6 49.6 74.4



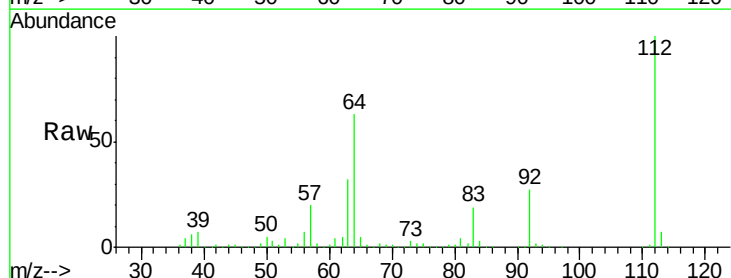
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



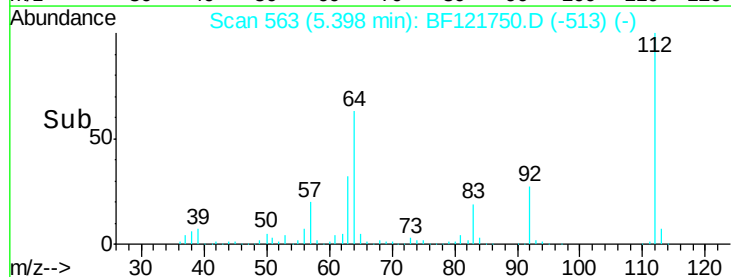
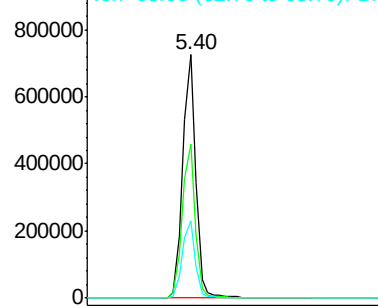
#5

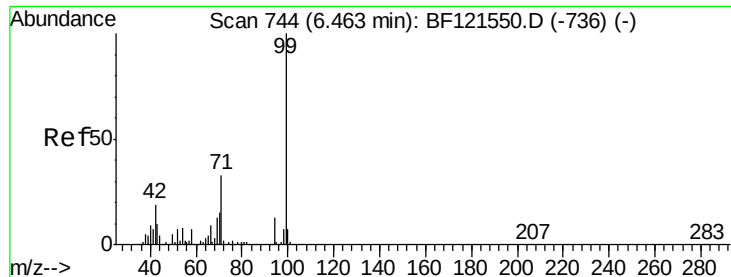
2-Fluorophenol
Concen: 67.923 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF121750.D
Acq: 30 Sep 2020 21:06

Tgt Ion:112 Resp: 679538
Ion Ratio Lower Upper
112 100
64 63.1 51.2 76.8
63 31.9 25.9 38.9



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: 66.458 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

Instrument :

BNA_F

ClientSampleId :

TP-C-2334-C

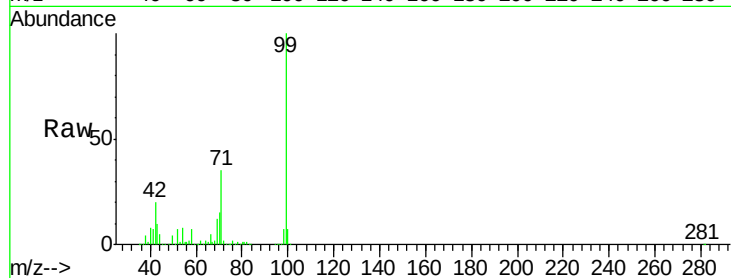
Tot Ion: 99 Resp: 872284

Ion Ratio Lower Upper

99 100

42 20.3 16.5 24.7

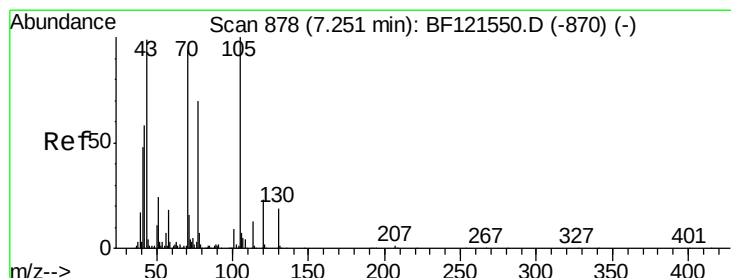
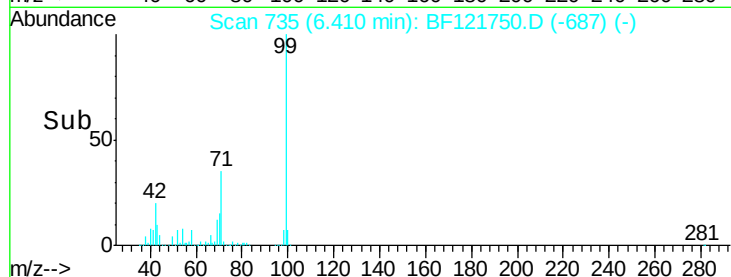
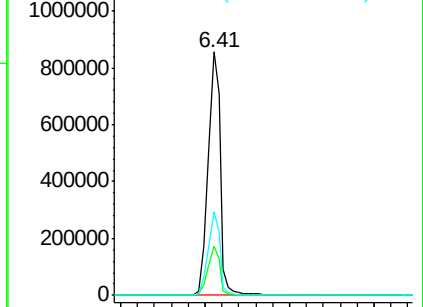
71 34.5 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.557 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.13 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

Tgt Ion: 70 Resp: 79859

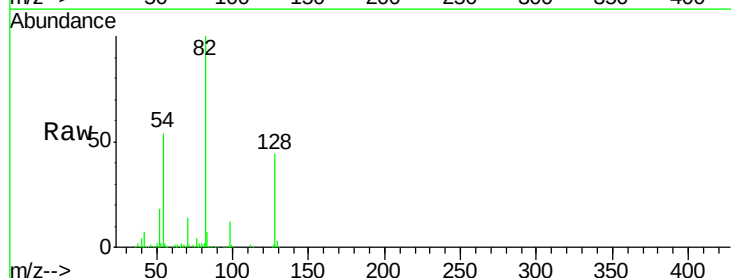
Ion Ratio Lower Upper

70 100

42 50.3 48.6 73.0

101 0.0 7.5 11.3#

130 2.0 16.4 24.6#

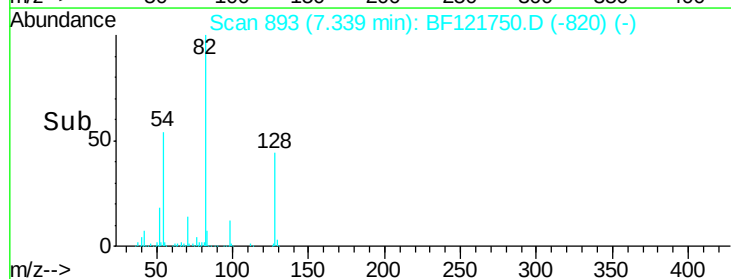
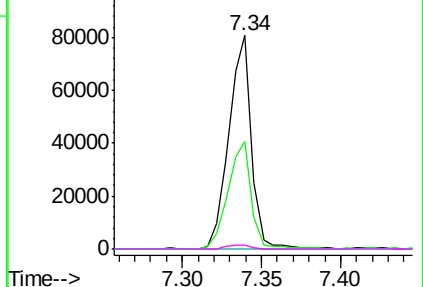


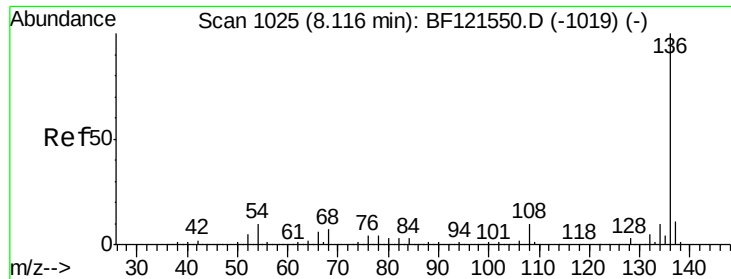
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

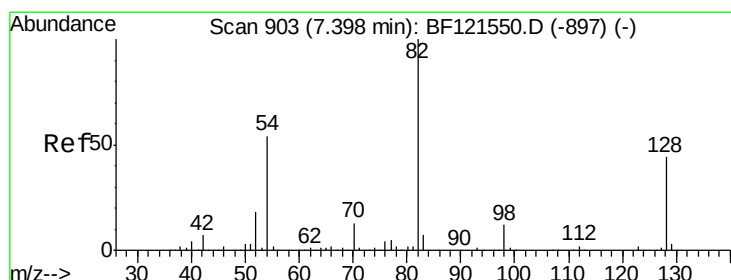
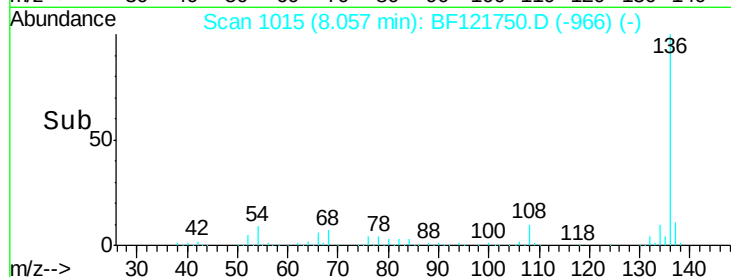
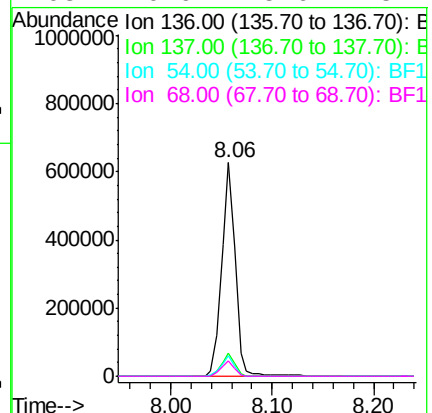
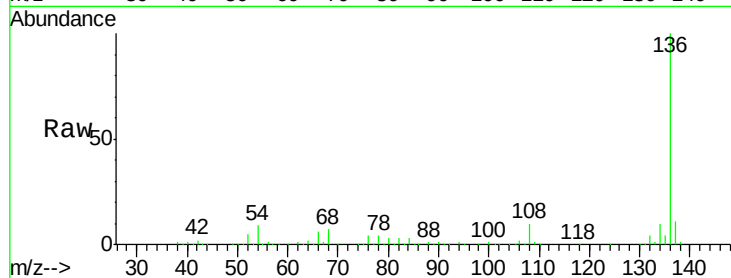




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF121750.D
Acq: 30 Sep 2020 21:06

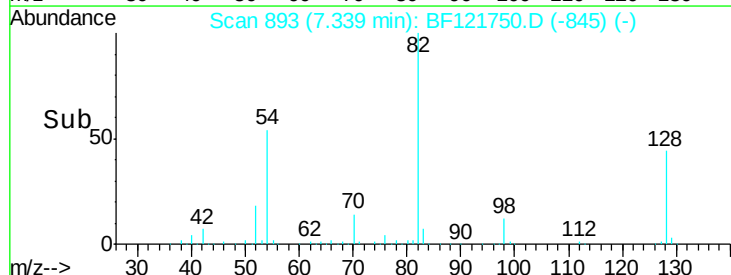
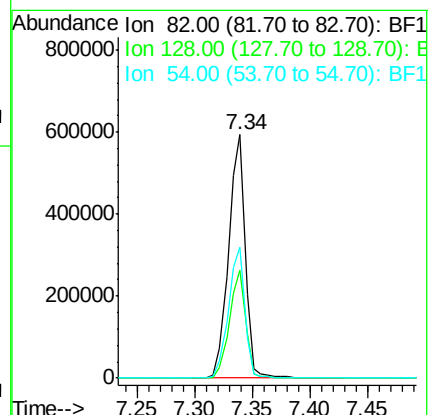
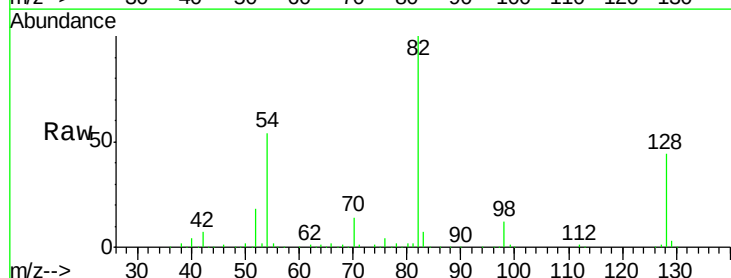
Instrument :
BNA_F
ClientSampleId :
TP-C-2334-C

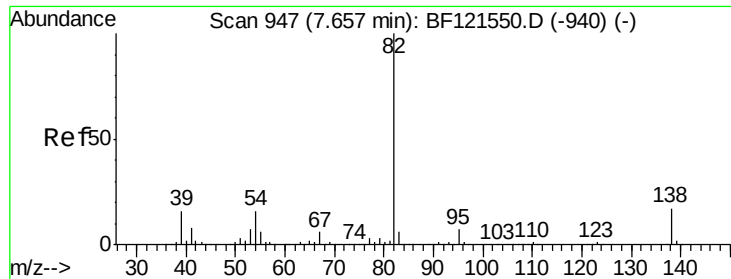
Tot Ion:136	Resp:	586130
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.1 13.7
54	9.4	7.8 11.8
68	6.9	5.6 8.4



#23
Nitrobenzene-d5
Concen: 54.381 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF121750.D
Acq: 30 Sep 2020 21:06

Tgt Ion: 82	Resp:	593657
Ion	Ratio	Lower Upper
82	100	
128	44.3	35.0 52.4
54	53.9	42.5 63.7





#25

Isophorone

Concen: 26.650 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.28 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

Instrument :

BNA_F

ClientSampleId :

TP-C-2334-C

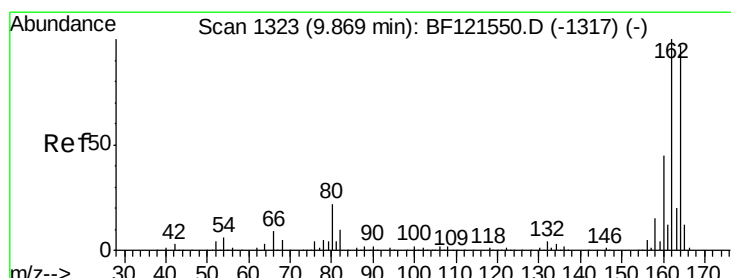
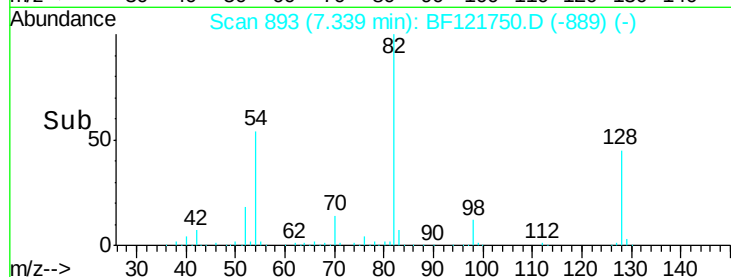
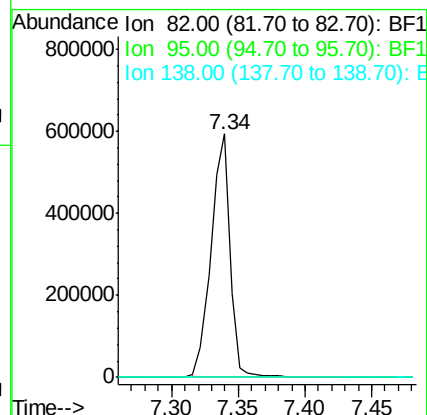
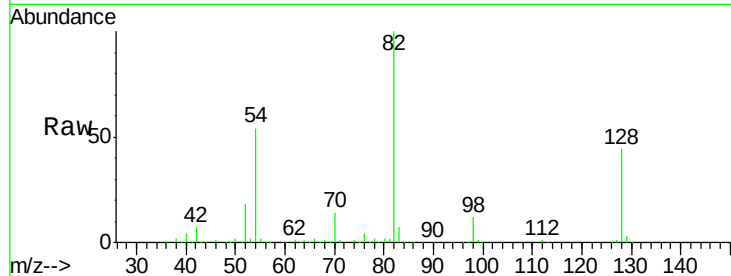
Tot Ion: 82 Resp: 585636

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.9 20.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

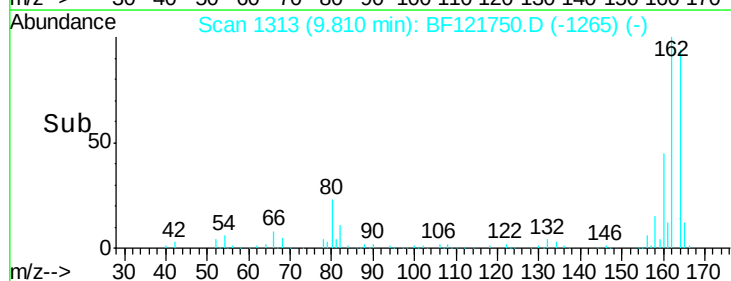
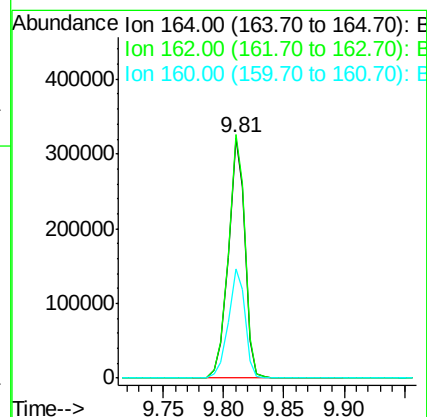
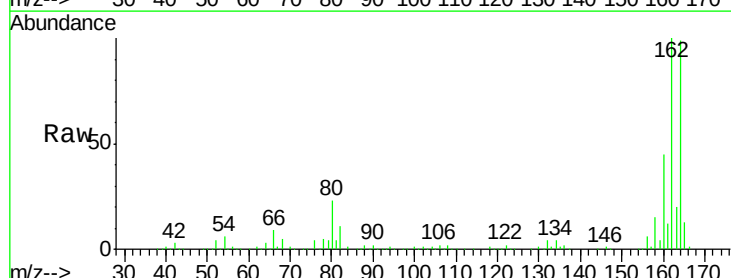
Tgt Ion: 164 Resp: 303786

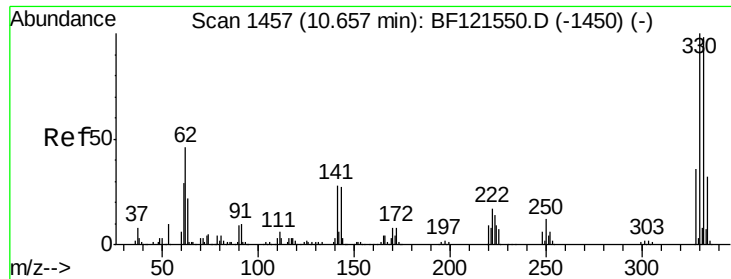
Ion Ratio Lower Upper

164 100

162 101.5 80.6 121.0

160 45.6 36.9 55.3

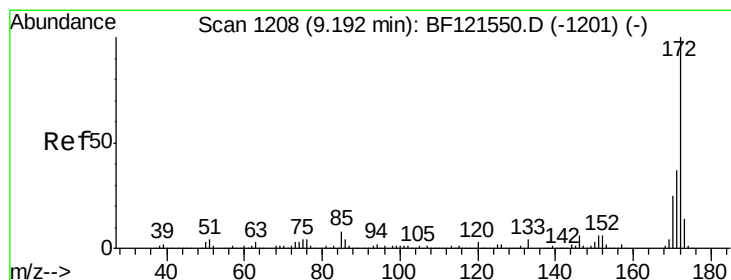
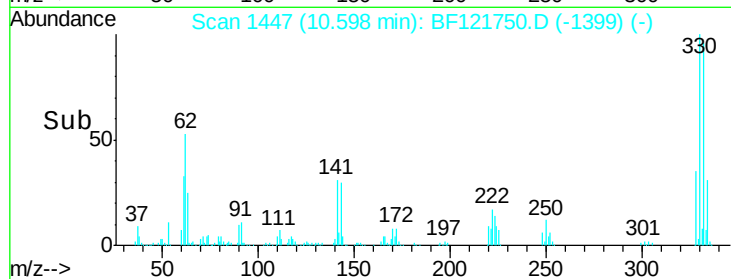
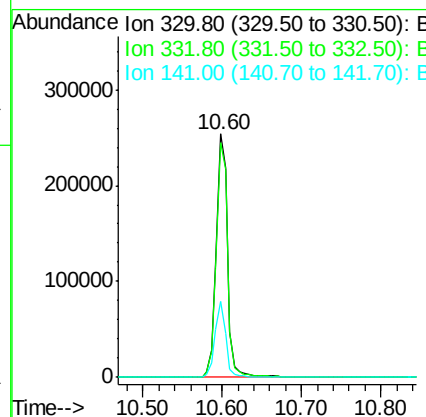
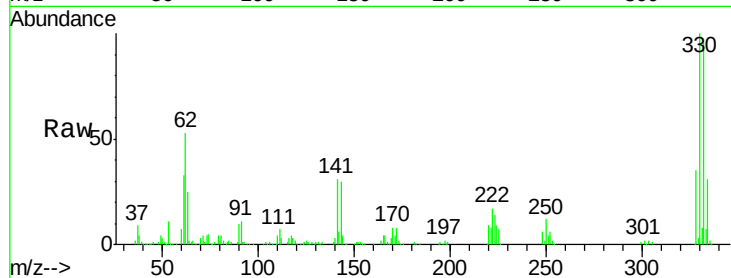




#42
 2,4,6-Tribromophenol
 Concen: 66.803 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF121750.D
 Acq: 30 Sep 2020 21:06

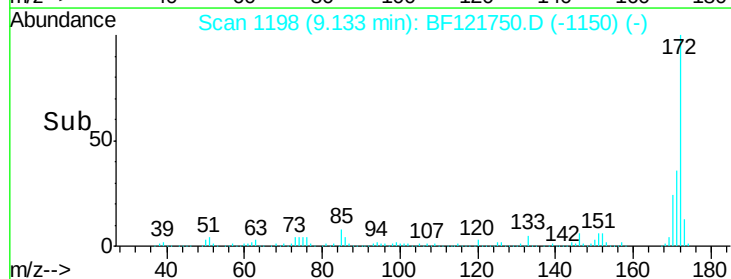
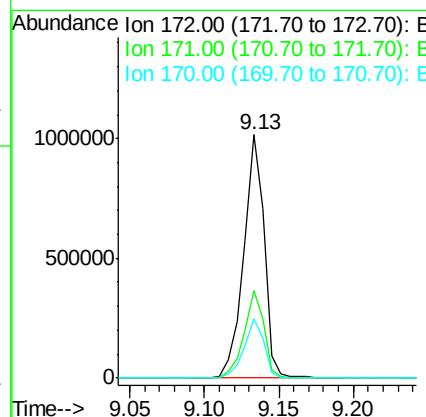
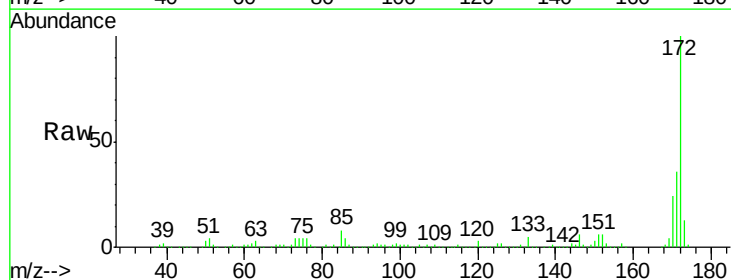
Instrument :
 BNA_F
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 TP-C-2334-C

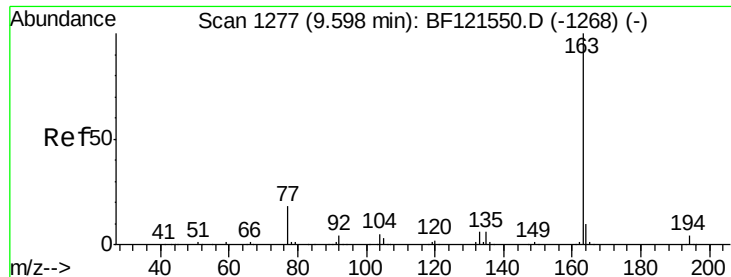
Tot Ion:330 Resp: 252223
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.6 116.4
 141 29.8 22.9 34.3



#45
 2-Fluorobiphenyl
 Concen: 48.568 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF121750.D
 Acq: 30 Sep 2020 21:06

Tgt Ion:172 Resp: 974180
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 24.1 19.7 29.5





#50

Dimethylphthalate

Concen: 6.677 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

Instrument :

BNA_F

ClientSampleId :

TP-C-2334-C

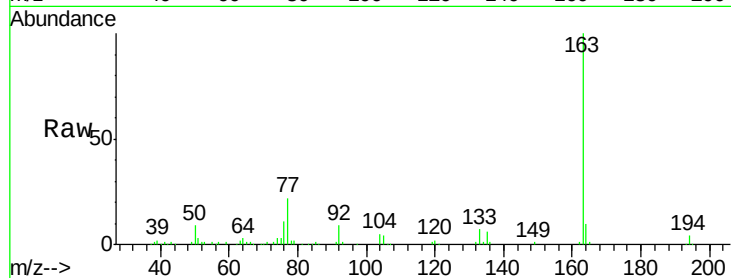
Tot Ion:163 Resp: 147007

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

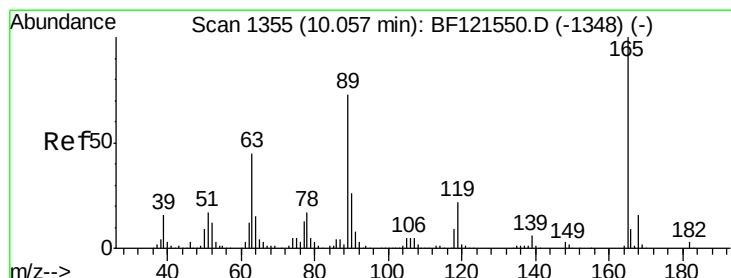
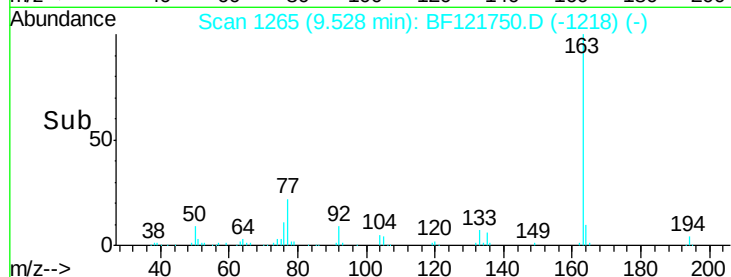
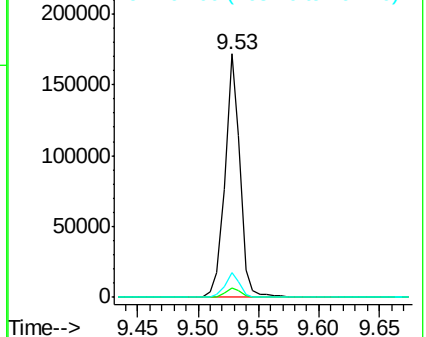
164 10.1 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 6.504 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.21 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

Tgt Ion:165 Resp: 38368

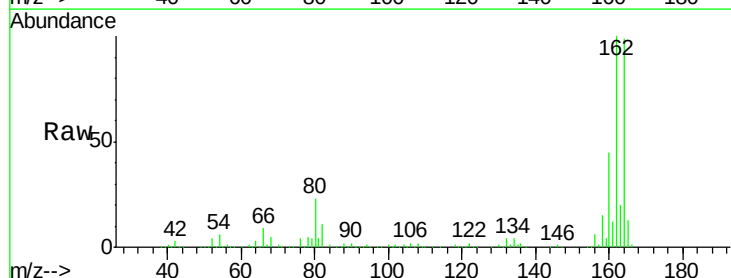
Ion Ratio Lower Upper

165 100

63 1.6 39.0 58.6#

89 1.5 57.5 86.3#

182 0.0 2.2 3.4#

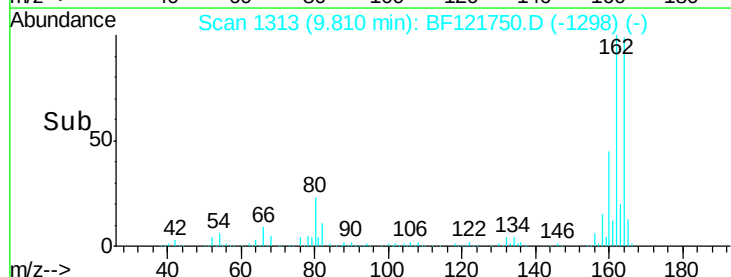
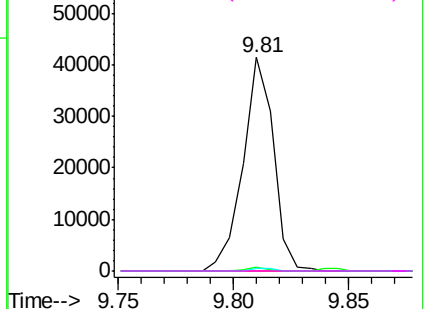


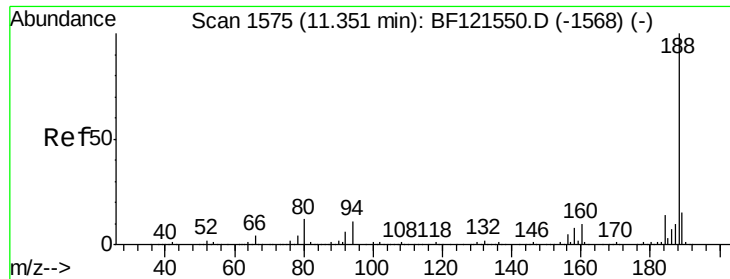
Abundance Ion 165.00 (164.70 to 165.70): E

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

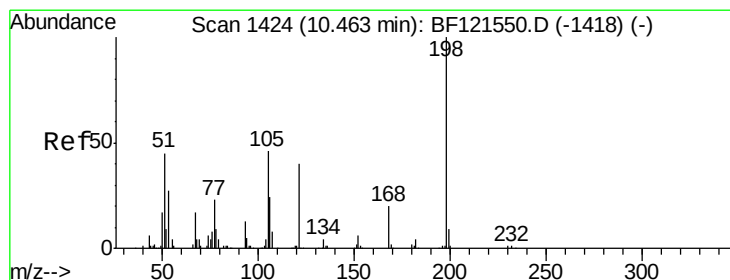
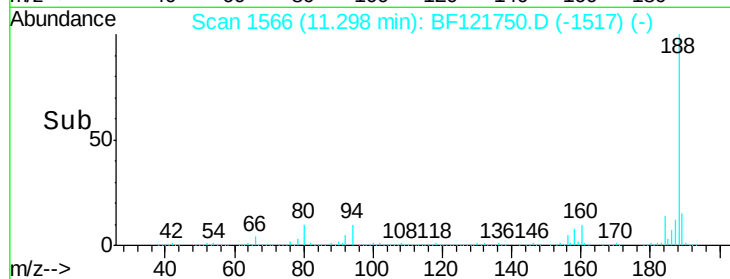
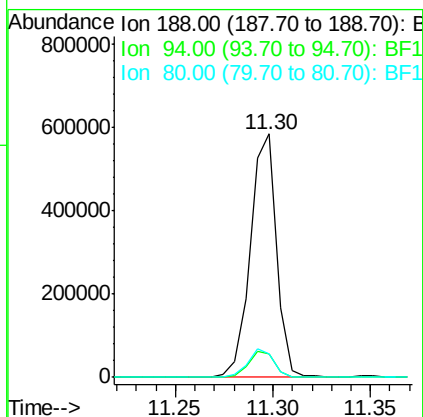
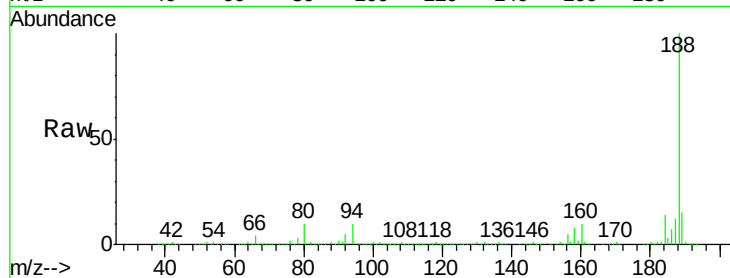




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF121750.D
Acq: 30 Sep 2020 21:06

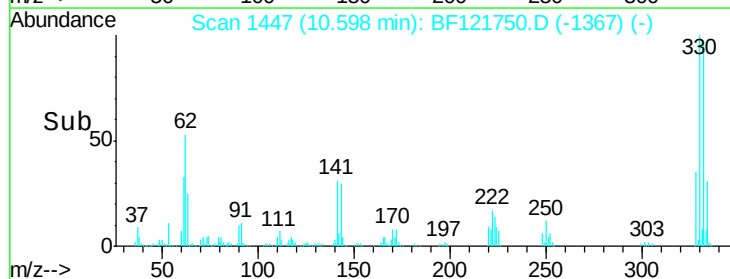
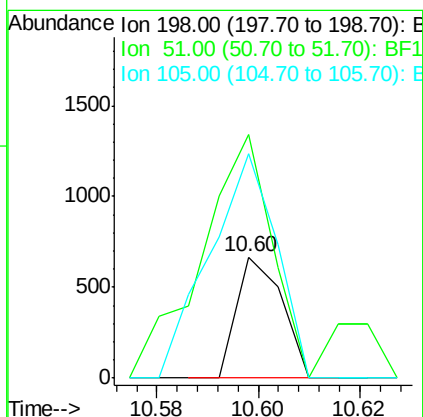
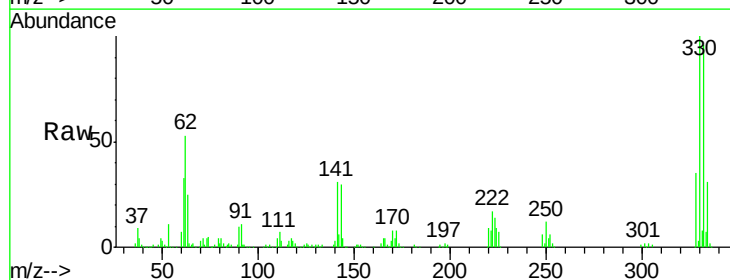
Instrument :
BNA_F
ClientSampleId :
TP-C-2334-C

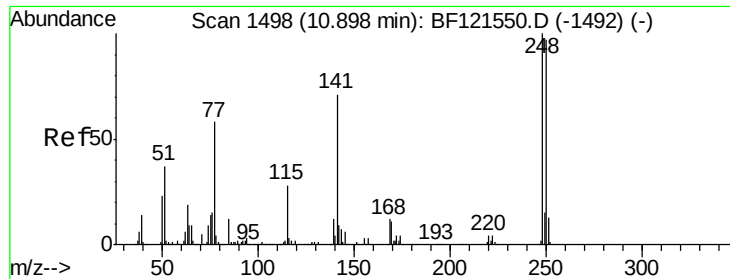
Tot Ion:188	Resp: 542197
Ion Ratio	Lower Upper
188 100	
94 9.6	8.2 12.2
80 9.7	8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.959 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.17 min
Lab File: BF121750.D
Acq: 30 Sep 2020 21:06

Tgt	Ion:198	Resp:	414
Ion	Ratio	Lower	Upper
198	100		
51	201.4	34.7	74.7#
105	185.1	27.8	67.8#

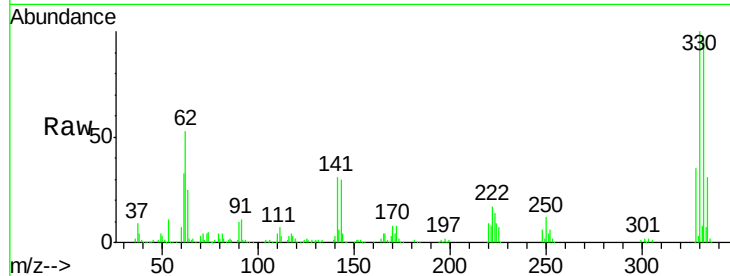




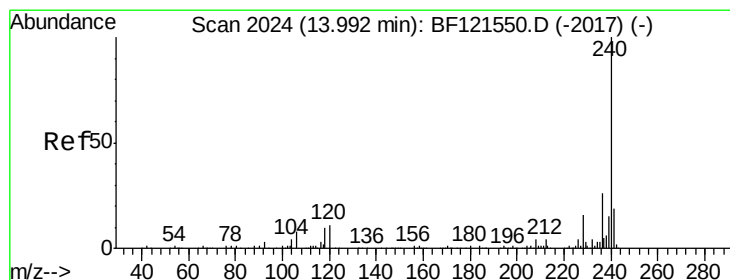
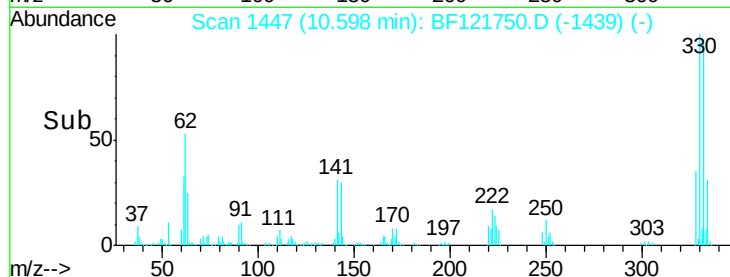
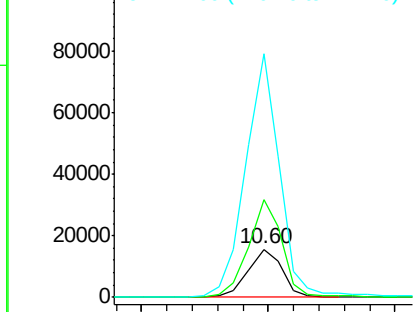
#67
 4-Bromophenyl-phenylether
 Concen: 2.413 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF121750.D
 Acq: 30 Sep 2020 21:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-C-2334-C

Tot Ion:248 Resp: 14893
 Ion Ratio Lower Upper
 248 100
 250 202.7 78.6 118.0#
 141 508.0 60.0 90.0#

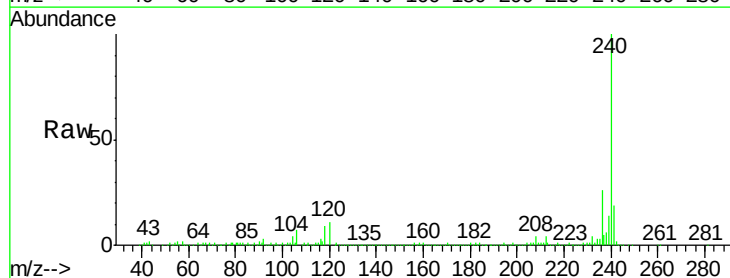


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

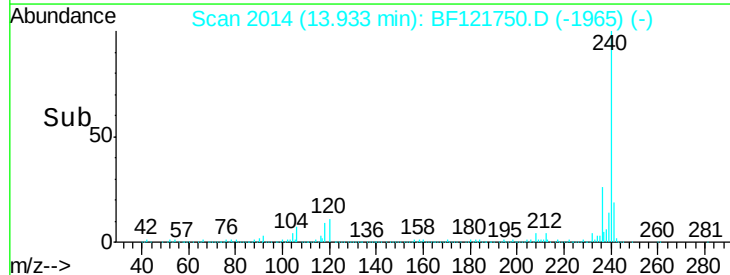
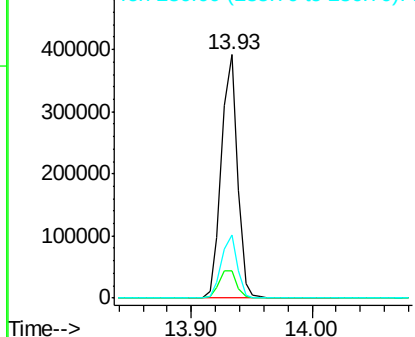


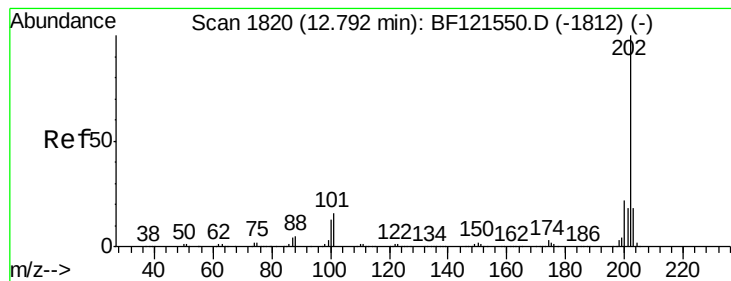
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF121750.D
 Acq: 30 Sep 2020 21:06

Tgt Ion:240 Resp: 361454
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.2 15.4
 236 25.8 20.4 30.6



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





#78

Pvrene

Concen: 2.120 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

Instrument :

BNA_F

ClientSampleId :

TP-C-2334-C

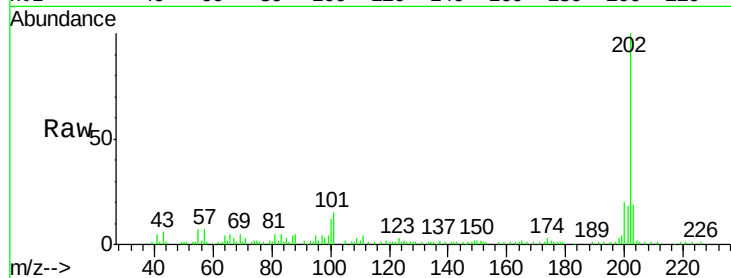
Tot Ion:202 Resp: 55975

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

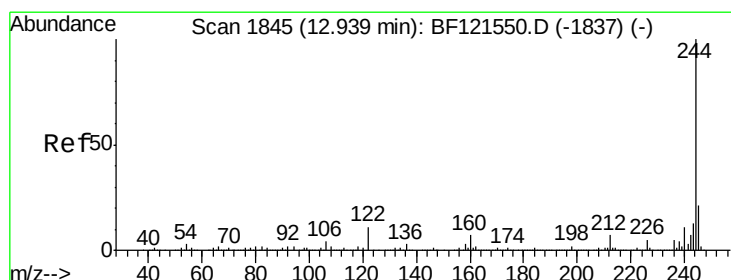
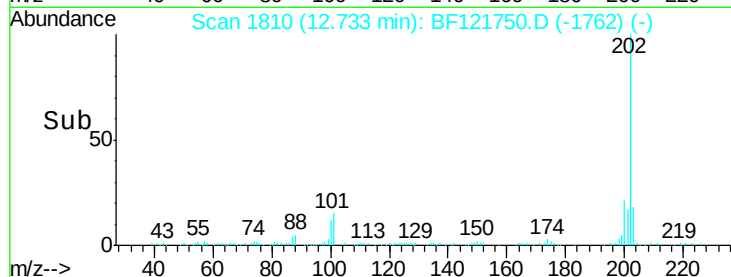
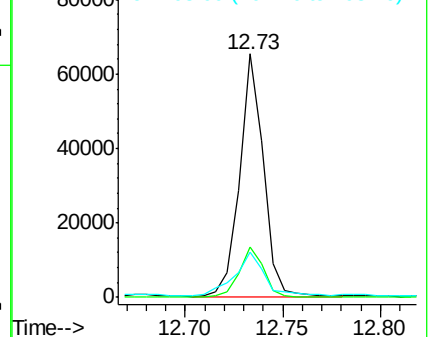
203 18.7 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 47.095 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

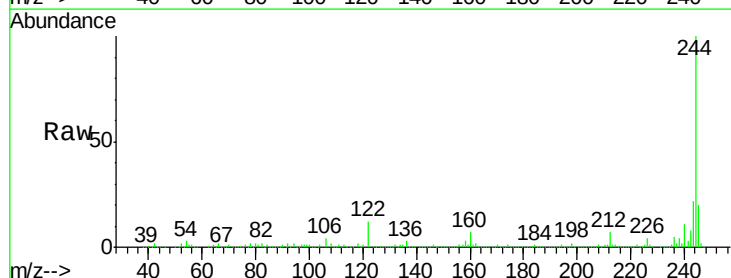
Tgt Ion:244 Resp: 840247

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

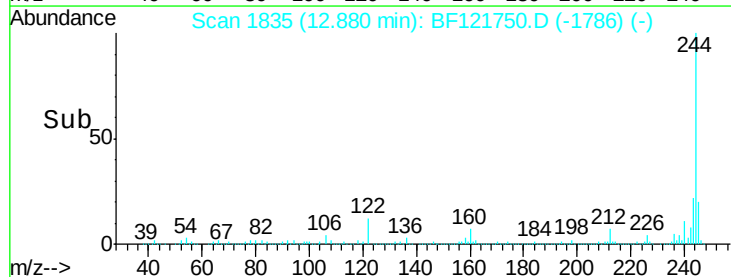
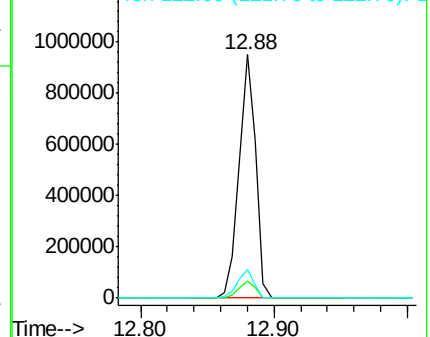
122 11.7 9.0 13.4

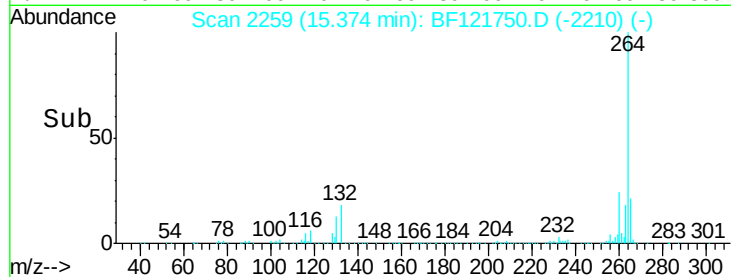
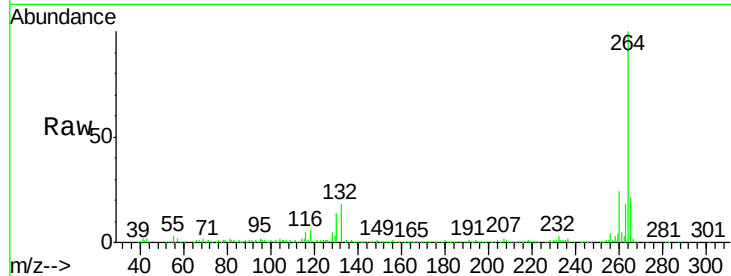
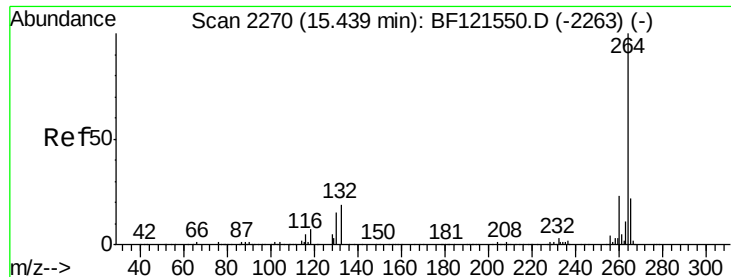


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BF121750.D
 Acq: 30 Sep 2020 21:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-C-2334-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	20.6	17.3	25.9

