

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121758.D
 Acq On : 1 Oct 2020 1:10
 Operator : JU/CG
 Sample : L3869-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-092820

Quant Time: Oct 01 02:01:36 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

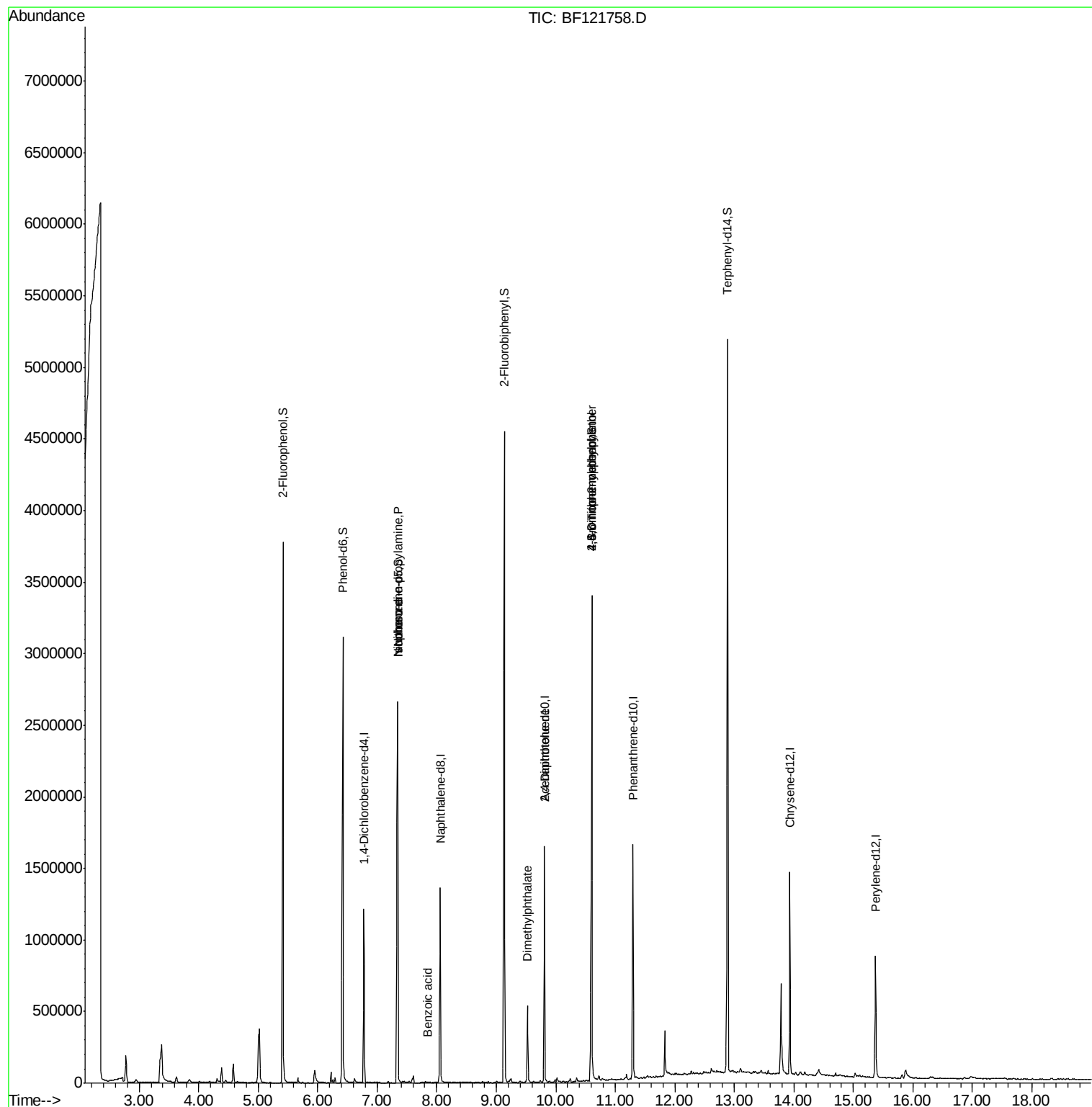
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	165822	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	641423	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	335441	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	611118	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	440440	20.00	ng	-0.01
86) Perylene-d12	15.37	264	373014	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1061617	95.14	ng	0.01
7) Phenol-d6	6.42	99	1199034	81.91	ng	0.00
23) Nitrobenzene-d5	7.35	82	1063089	88.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	510552	122.46	ng	-0.01
45) 2-Fluorobiphenyl	9.14	172	1830573	82.65	ng	-0.01
79) Terphenyl-d14	12.89	244	1926243	88.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	144250	17.098	ng	# 79
25) Isophorone	7.35	82	1051885	43.741	ng	# 66
32) Benzoic acid	7.86	122	939	7.036	ng	86
50) Dimethylphthalate	9.53	163	215433	8.861	ng	99
57) 2,4-Dinitrotoluene	9.81	165	44386	6.814	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.60	198	951	7.069	ng	# 1
67) 4-Bromophenyl-phenylether	10.60	248	28186	4.051	ng	# 1

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

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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Quant Time: Oct 01 02:01:36 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



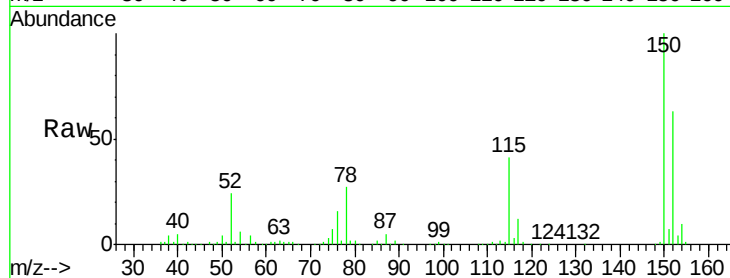


#1

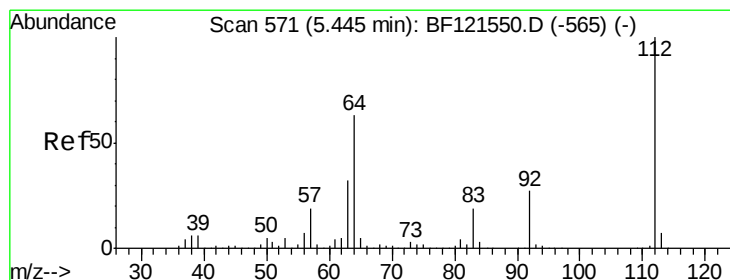
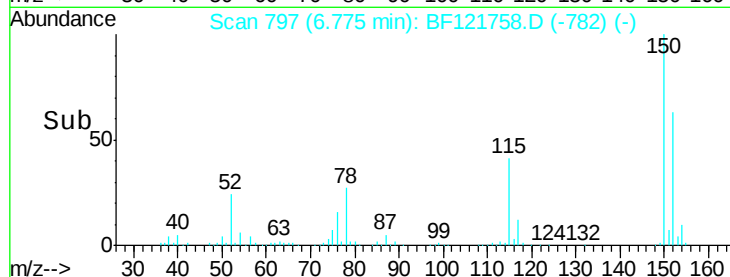
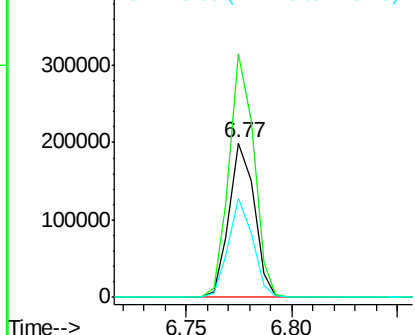
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF121758.D
 Acq: 1 Oct 2020 1:10

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-092820

Tot Ion:152 Resp: 165822
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.8 188.8
 115 64.0 49.6 74.4



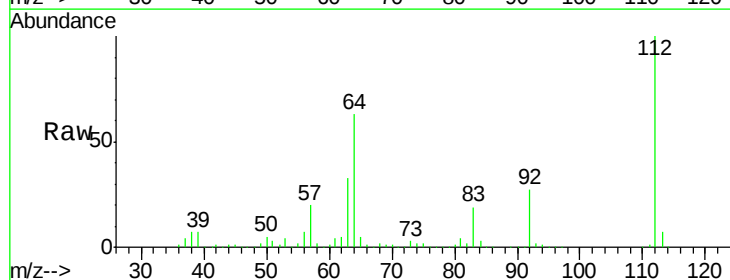
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



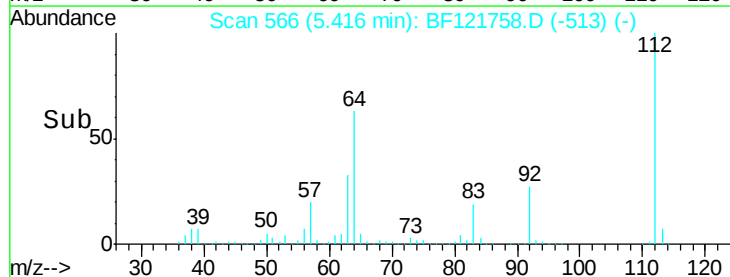
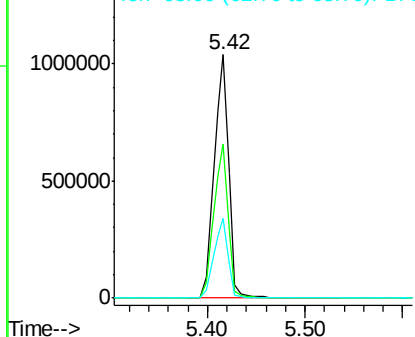
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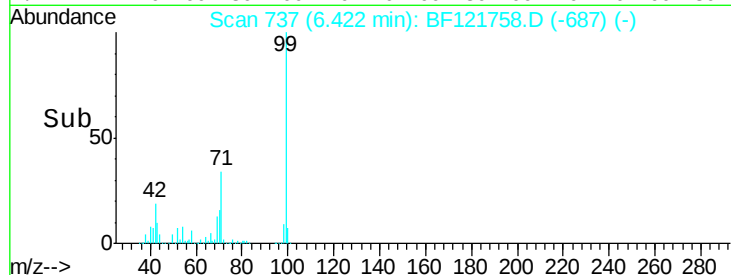
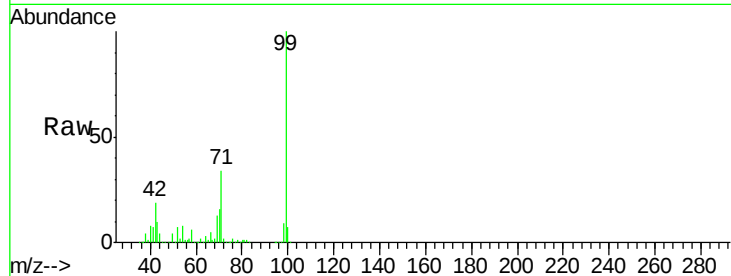
2-Fluorophenol
 Concen: 95.144 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF121758.D
 Acq: 1 Oct 2020 1:10

Tgt Ion:112 Resp: 1061617
 Ion Ratio Lower Upper
 112 100
 64 63.2 51.2 76.8
 63 32.8 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: 81.909 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121758.D

Acq: 1 Oct 2020 1:10

Instrument :

BNA_F

ClientSampleId :

OR-03-092820

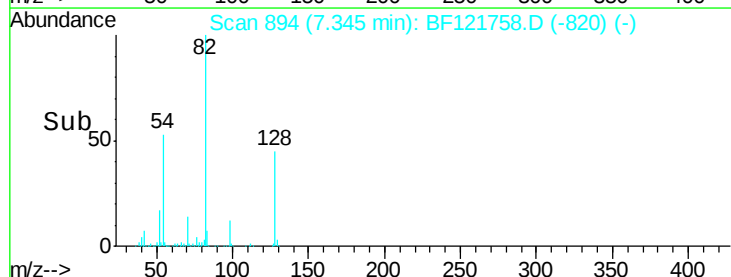
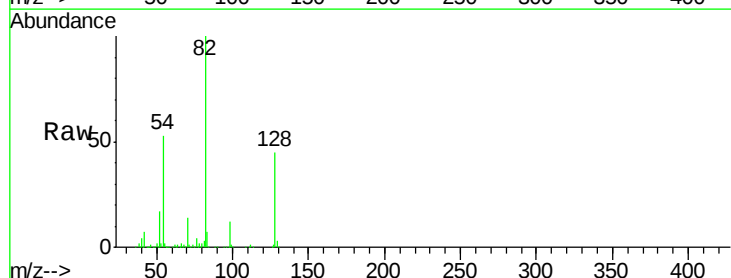
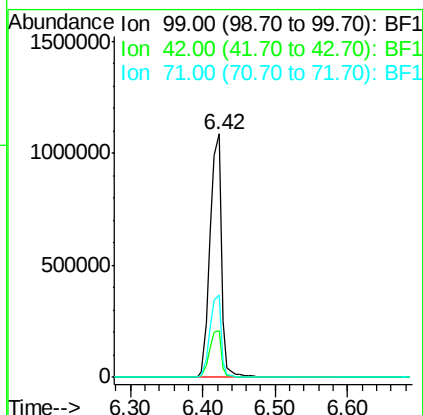
Tot Ion: 99 Resp: 1199034

Ion Ratio Lower Upper

99 100

42 19.3 16.5 24.7

71 33.7 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.098 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF121758.D

Acq: 1 Oct 2020 1:10

Tgt Ion: 70 Resp: 144250

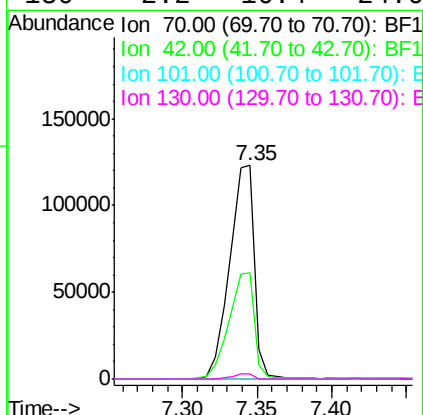
Ion Ratio Lower Upper

70 100

42 49.8 48.6 73.0

101 0.0 7.5 11.3#

130 2.2 16.4 24.6#

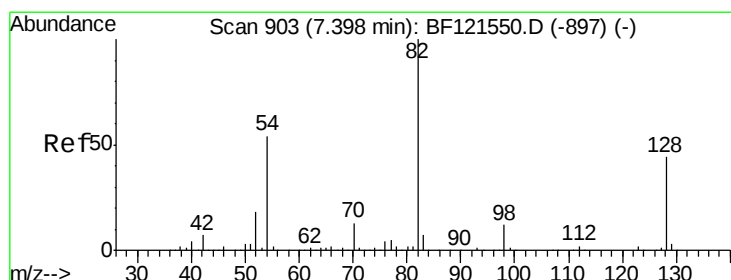
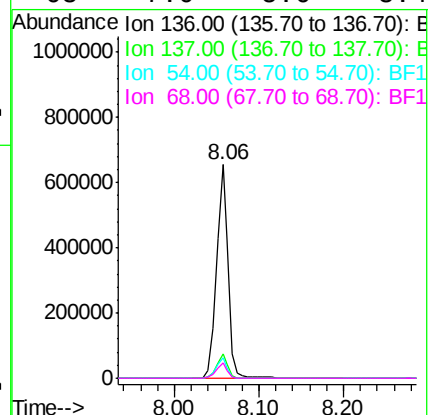
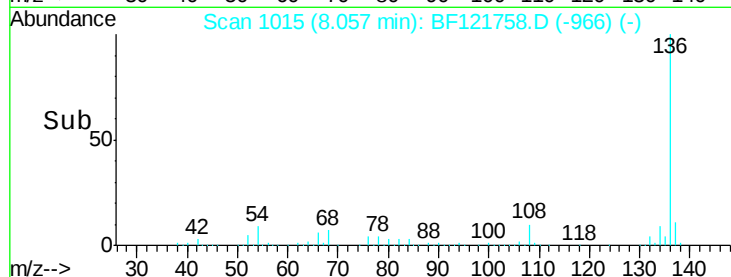
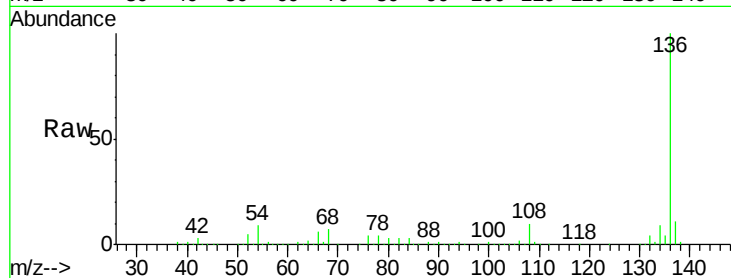




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF121758.D
Acq: 1 Oct 2020 1:10

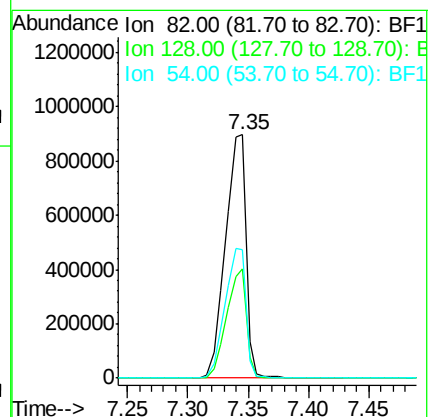
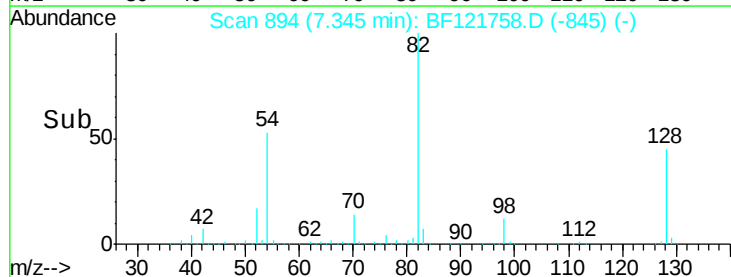
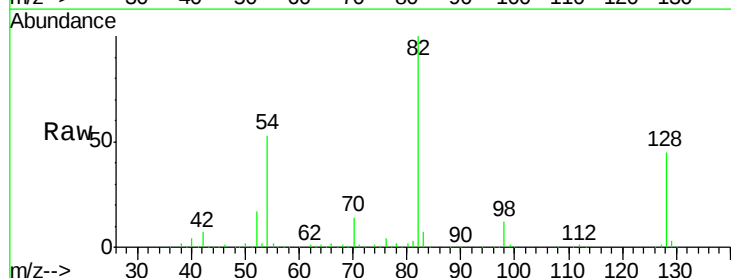
Instrument :
BNA_F
ClientSampleId :
OR-03-092820

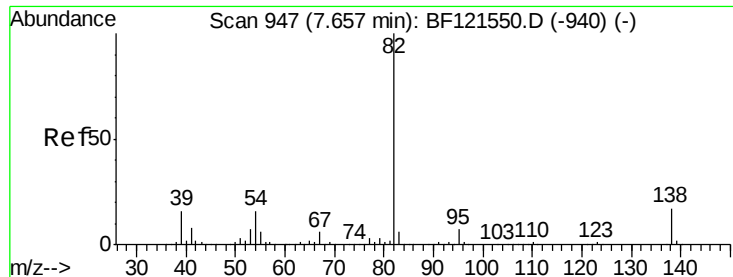
Tot Ion:136	Resp:	641423
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	9.4	7.8 11.8
68	7.0	5.6 8.4



#23
Nitrobenzene-d5
Concen: 88.988 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF121758.D
Acq: 1 Oct 2020 1:10

Tgt Ion: 82	Resp: 1063089
Ion Ratio	Lower Upper
82 100	
128 45.0	35.0 52.4
54 52.8	42.5 63.7





#25

Isophorone

Concen: 43.741 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BF121758.D

Acq: 1 Oct 2020 1:10

Instrument :

BNA_F

ClientSampleId :

OR-03-092820

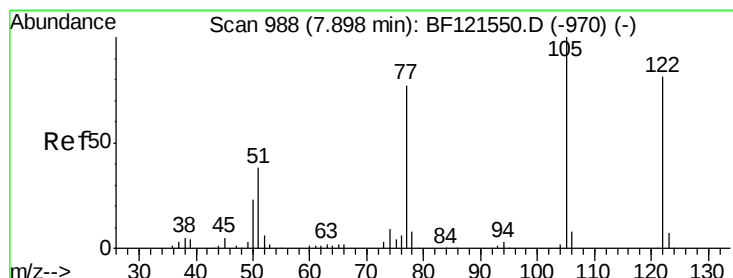
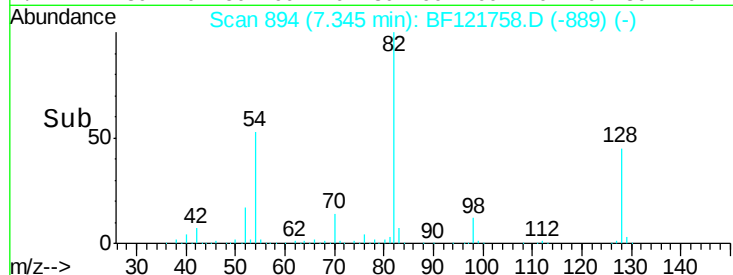
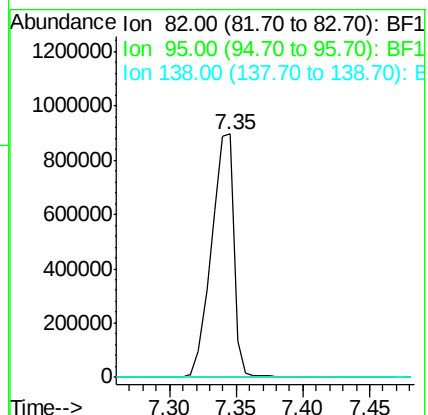
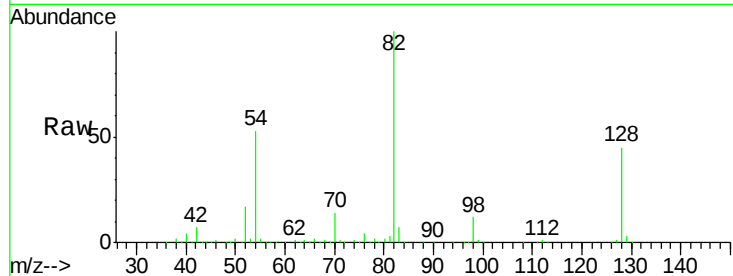
Tot Ion: 82 Resp: 1051885

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.9 20.9#



#32

Benzoic acid

Concen: 7.036 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF121758.D

Acq: 1 Oct 2020 1:10

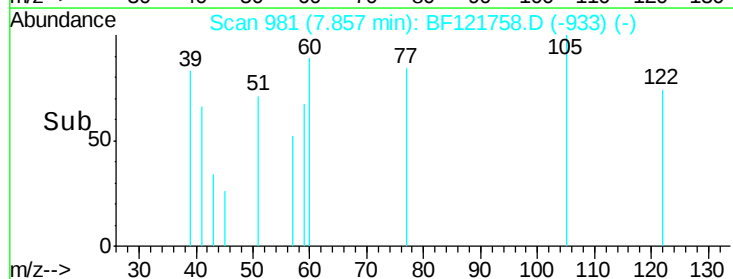
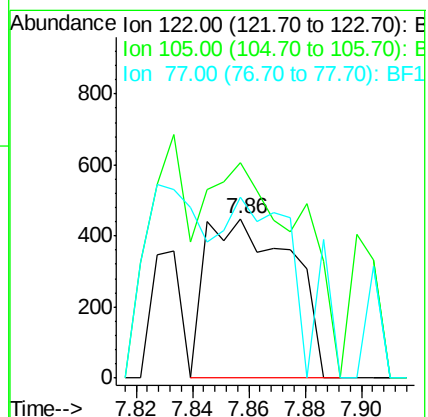
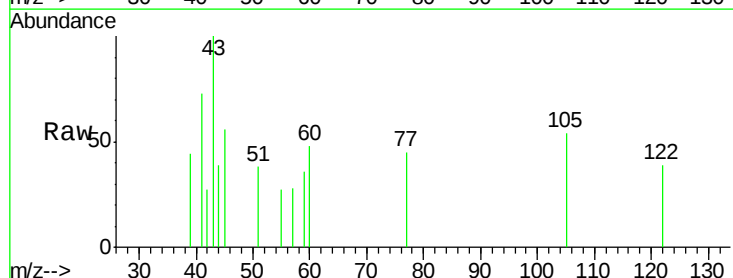
Tgt Ion: 122 Resp: 939

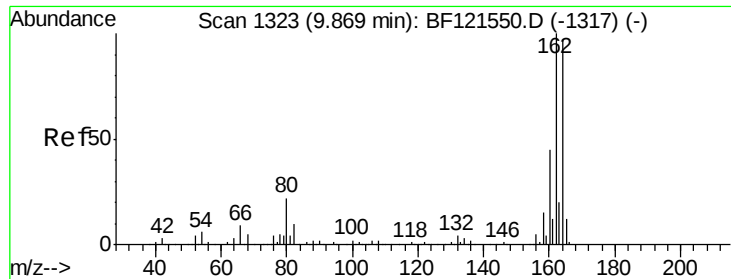
Ion Ratio Lower Upper

122 100

105 135.7 103.8 143.8

77 113.6 75.8 115.8

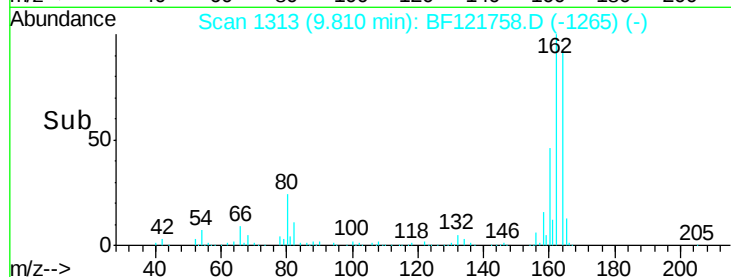
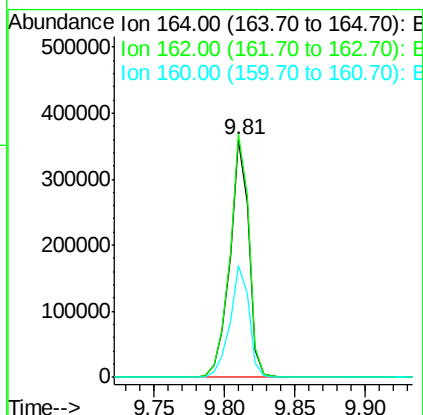
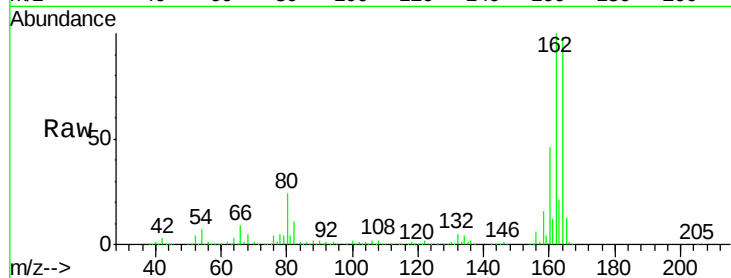




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF121758.D
 Acq: 1 Oct 2020 1:10

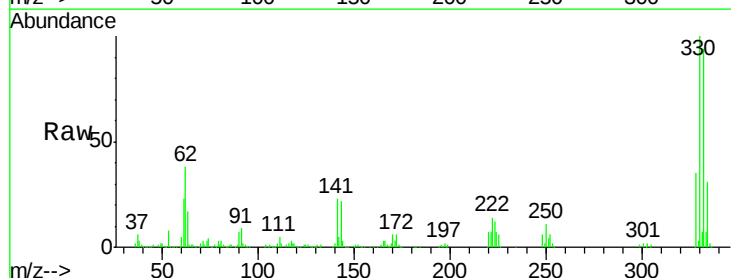
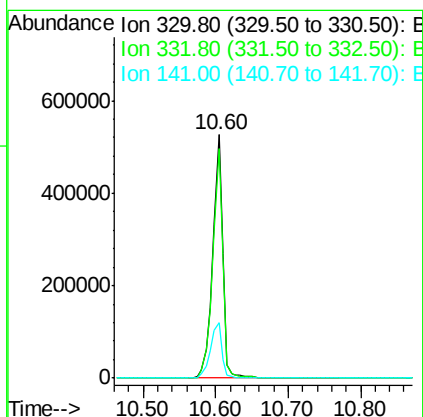
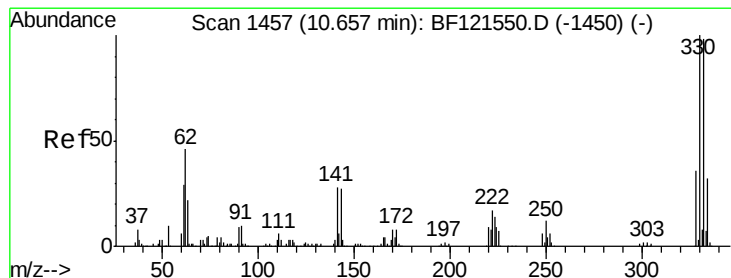
Instrument :
 BNA_F
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 OR-03-092820

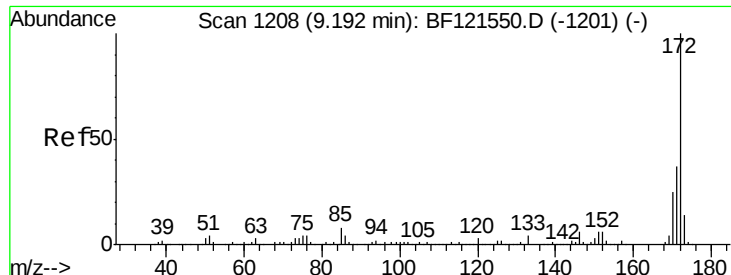
Tot Ion:164 Resp: 335441
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.6 121.0
 160 46.9 36.9 55.3



#42
 2,4,6-Tribromophenol
 Concen: 122.462 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF121758.D
 Acq: 1 Oct 2020 1:10

Tgt Ion:330 Resp: 510552
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.6 116.4
 141 26.5 22.9 34.3

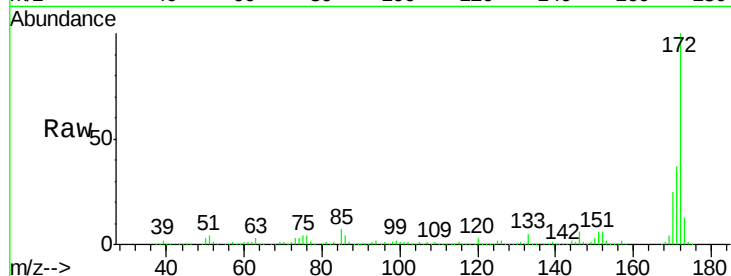




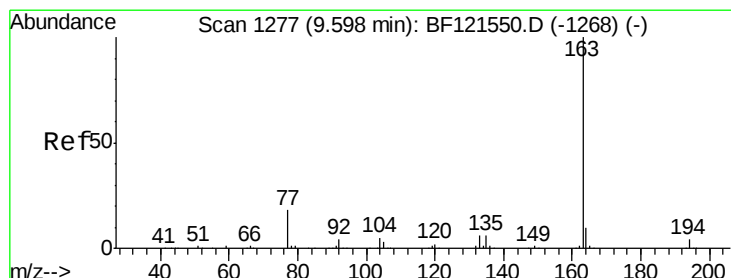
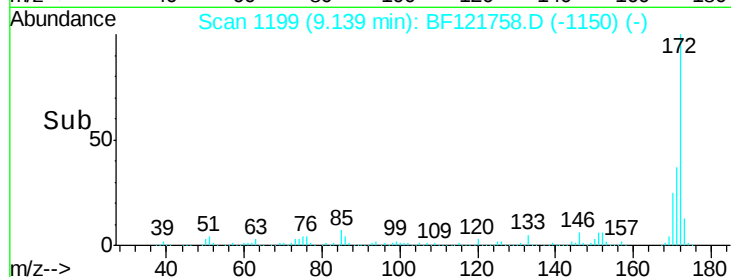
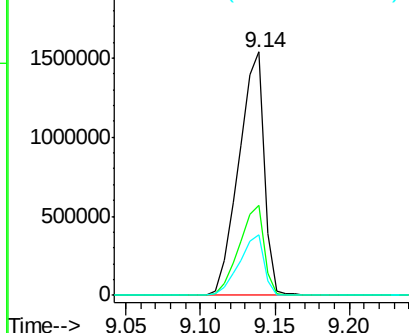
#45
2-Fluorobiphenyl
Concen: 82.651 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF121758.D
Acq: 1 Oct 2020 1:10

Instrument :
BNA_F
ClientSampleId :
OR-03-092820

Tot Ion:172 Resp: 1830573
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 24.7 19.7 29.5

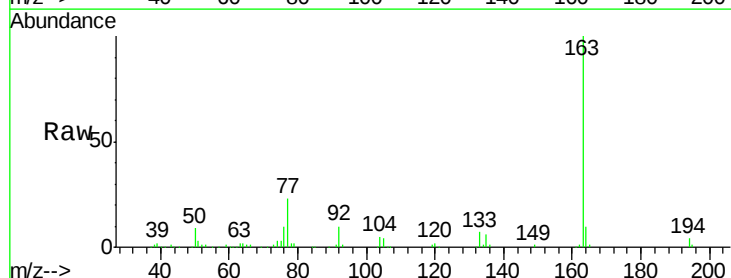


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

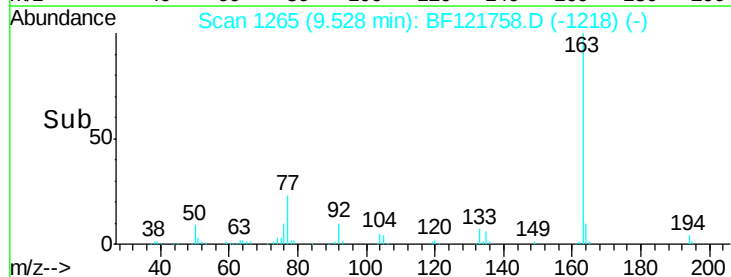
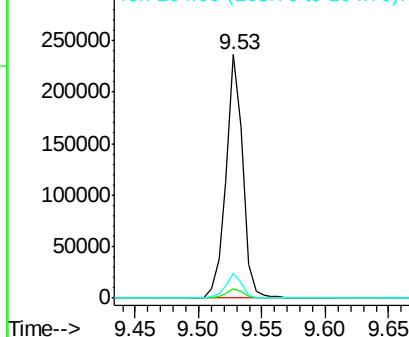


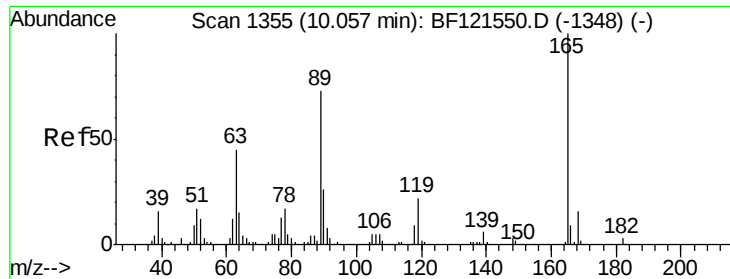
#50
Dimethylphthalate
Concen: 8.861 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF121758.D
Acq: 1 Oct 2020 1:10

Tgt Ion:163 Resp: 215433
Ion Ratio Lower Upper
163 100
194 3.9 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

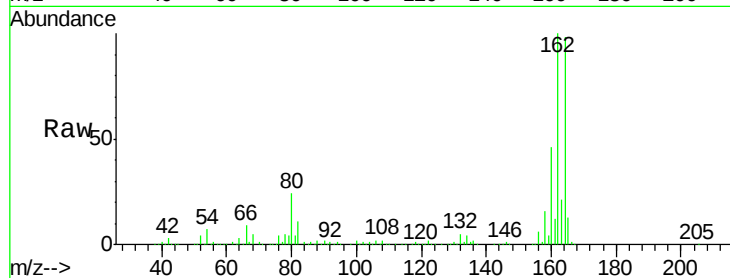




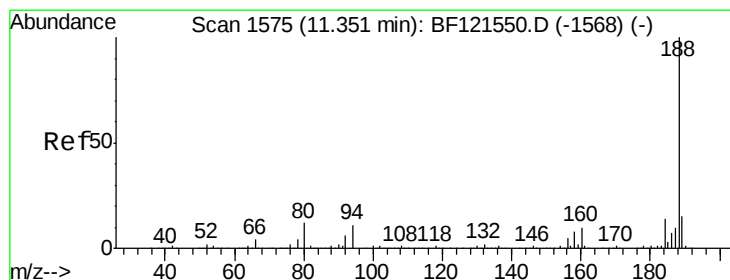
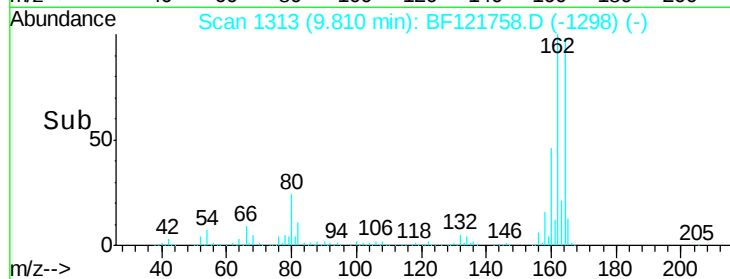
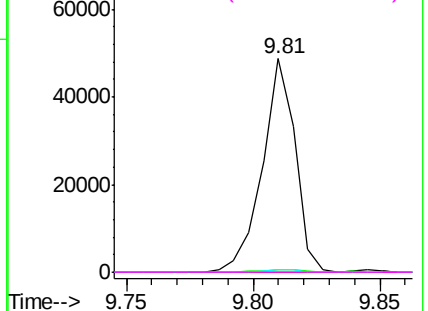
#57
 2,4-Dinitrotoluene
 Concen: 6.814 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.21 min
 Lab File: BF121758.D
 Acq: 1 Oct 2020 1:10

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-092820

Tot Ion:165 Resp: 44386
 Ion Ratio Lower Upper
 165 100
 63 1.4 39.0 58.6#
 89 1.5 57.5 86.3#
 182 0.0 2.2 3.4#

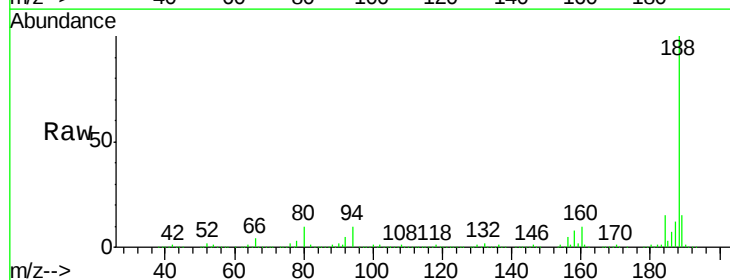


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

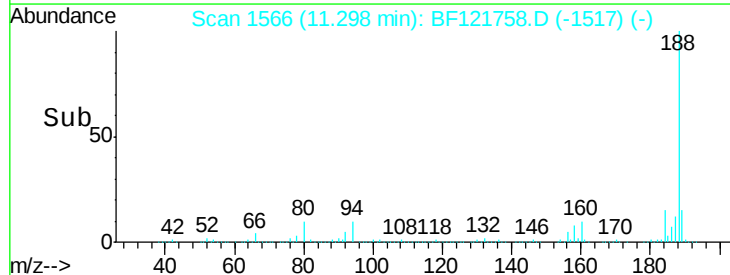
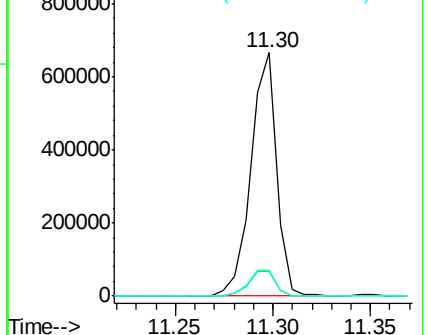


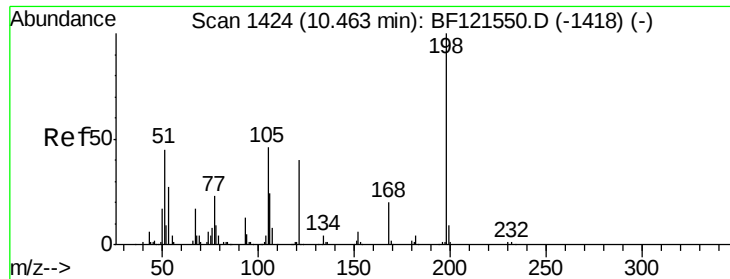
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF121758.D
 Acq: 1 Oct 2020 1:10

Tgt Ion:188 Resp: 611118
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.2 12.2
 80 10.5 8.9 13.3



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

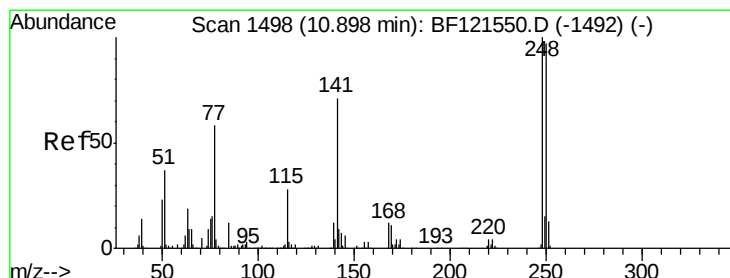
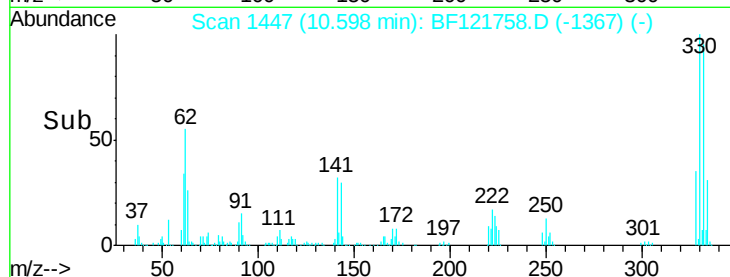
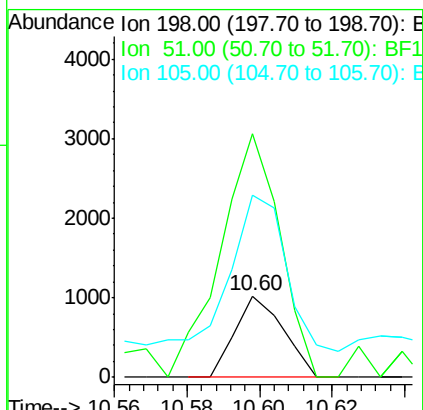
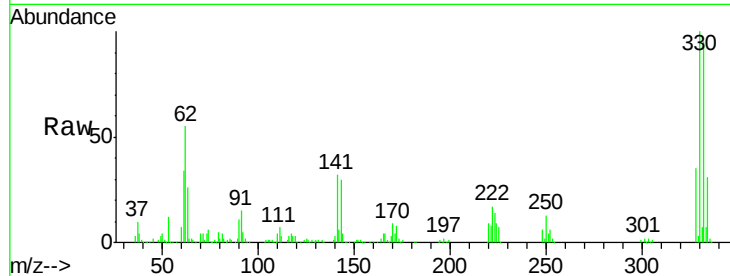




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.069 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.17 min
 Lab File: BF121758.D
 Acq: 1 Oct 2020 1:10

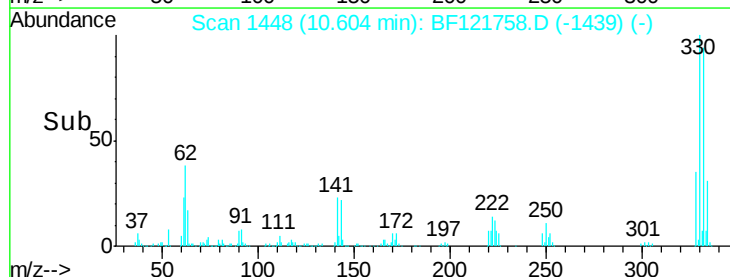
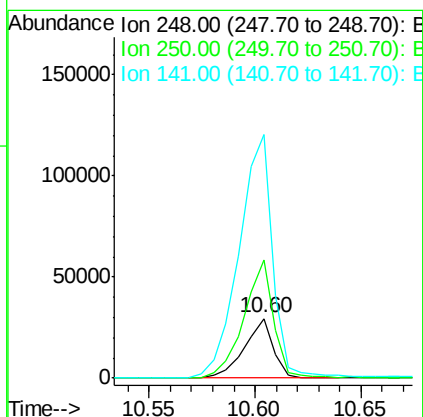
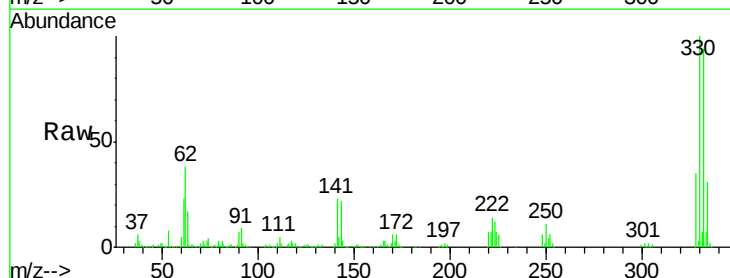
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-092820

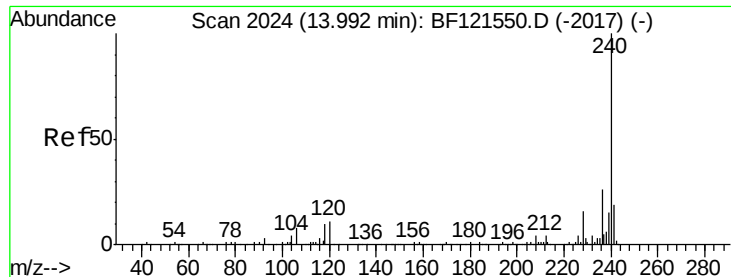
Tot Ion:198 Resp: 951
 Ion Ratio Lower Upper
 198 100
 51 298.3 34.7 74.7#
 105 222.6 27.8 67.8#



#67
 4-Bromophenyl-phenylether
 Concen: 4.051 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF121758.D
 Acq: 1 Oct 2020 1:10

Tgt Ion:248 Resp: 28186
 Ion Ratio Lower Upper
 248 100
 250 198.3 78.6 118.0#
 141 406.5 60.0 90.0#

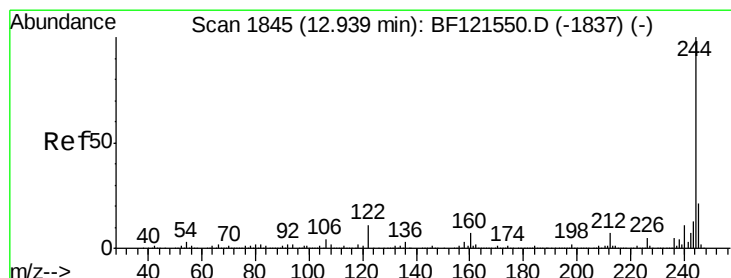
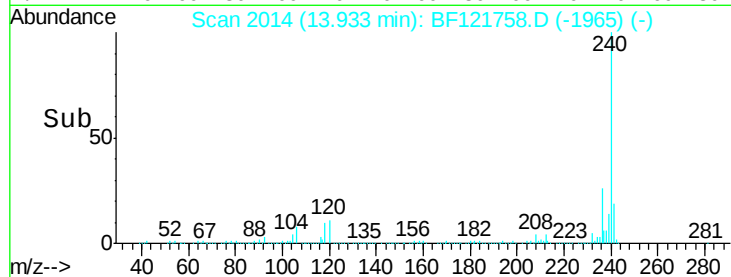
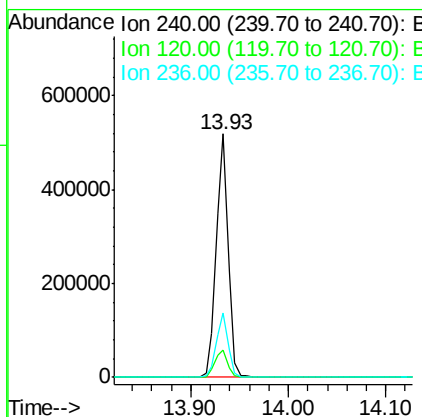
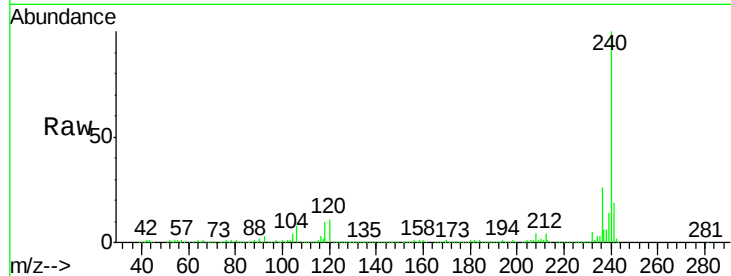




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF121758.D
 Acq: 1 Oct 2020 1:10

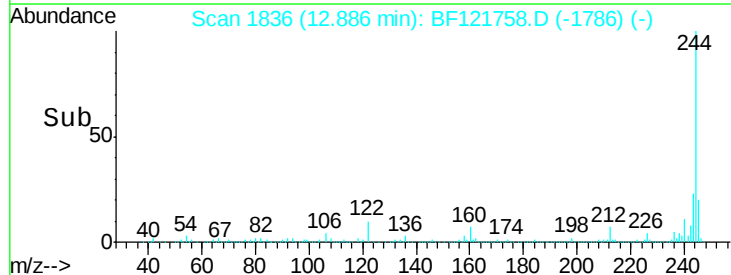
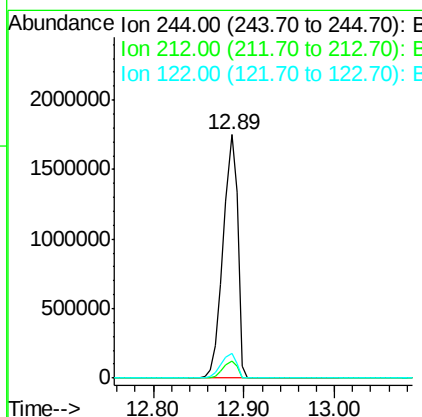
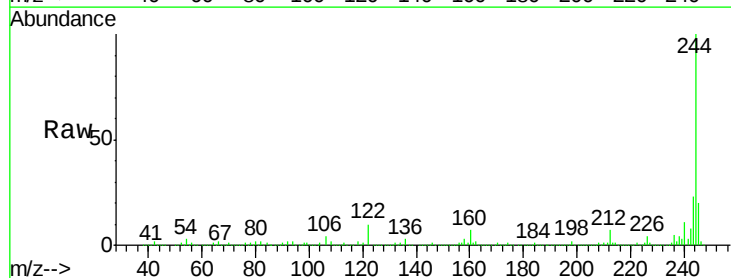
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-092820

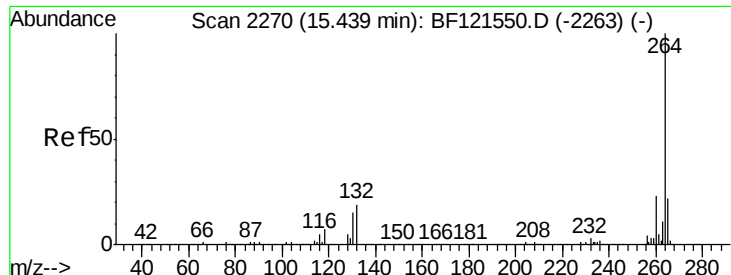
Tot Ion:240 Resp: 440440
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.2 15.4
 236 26.4 20.4 30.6



#79
 Terphenyl-d14
 Concen: 88.602 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF121758.D
 Acq: 1 Oct 2020 1:10

Tgt Ion:244 Resp: 1926243
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.4 9.0 13.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF121758.D
Acq: 1 Oct 2020 1:10

Instrument :
BNA_F
ClientSampleId :
OR-03-092820

Tot Ion: 264 Resp: 373014

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.2	17.3	25.9

