

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
 Data File : BF121788.D
 Acq On : 2 Oct 2020 11:59
 Operator : JU/CG
 Sample : PB131974BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131974BL

Quant Time: Oct 02 12:39:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

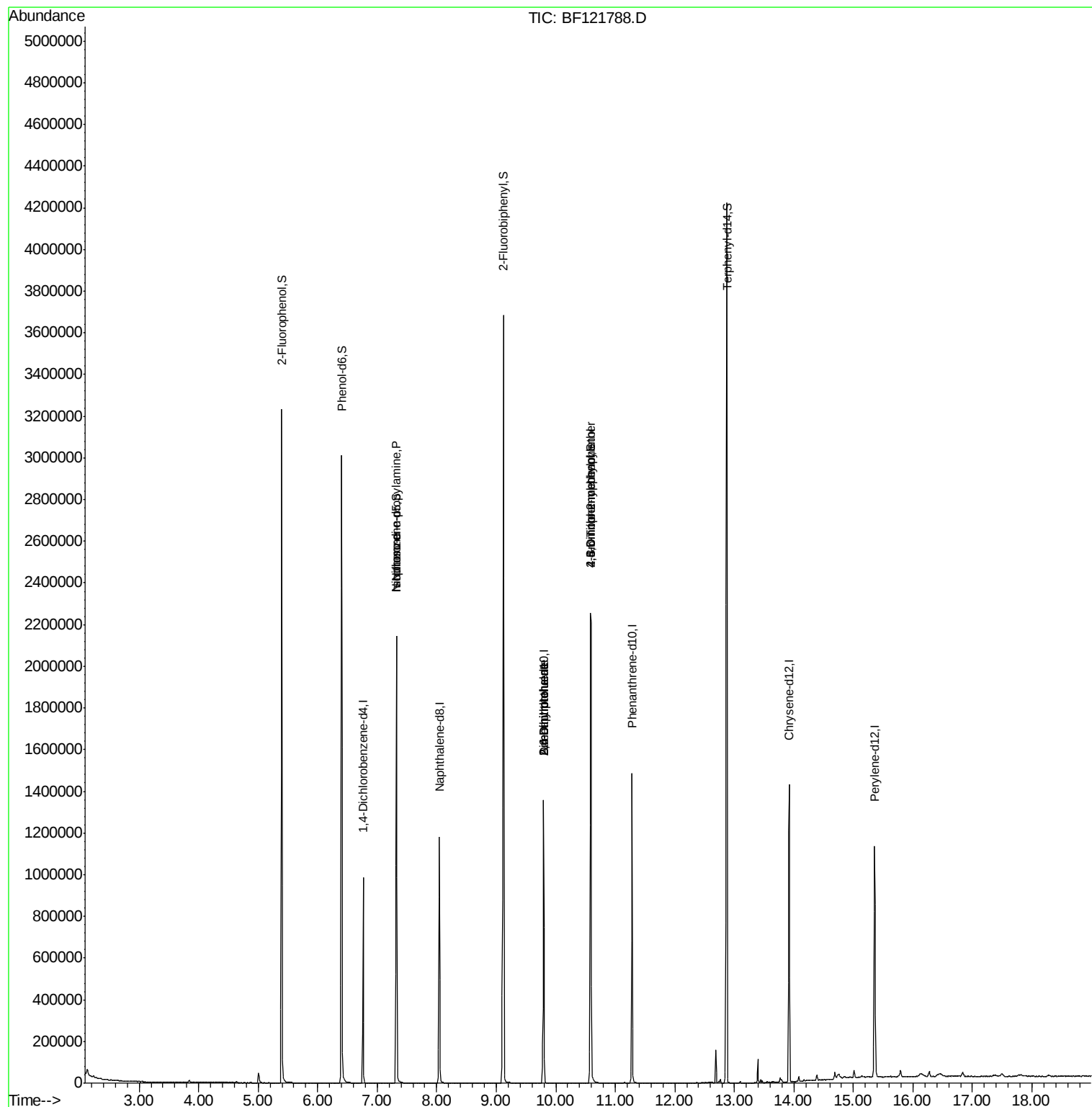
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	146644	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	570746	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	300596	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	562989	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	490385	20.00	ng	-0.01
86) Perylene-d12	15.36	264	462587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	886968	89.89	ng	0.01
7) Phenol-d6	6.40	99	1148408	88.71	ng	-0.01
23) Nitrobenzene-d5	7.33	82	791468	74.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	352458	94.34	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1401032	70.59	ng	-0.01
79) Terphenyl-d14	12.87	244	1465649	60.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	105378	14.124	ng	# 79
25) Isophorone	7.33	82	785412	36.704	ng	# 67
50) Dimethylphthalate	9.80	163	62789	2.882	ng	# 1
51) 2,6-Dinitrotoluene	9.80	165	38150	8.222	ng	# 20
57) 2,4-Dinitrotoluene	9.80	165	38150	6.536	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	599	7.001	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	20523	3.202	ng	# 1

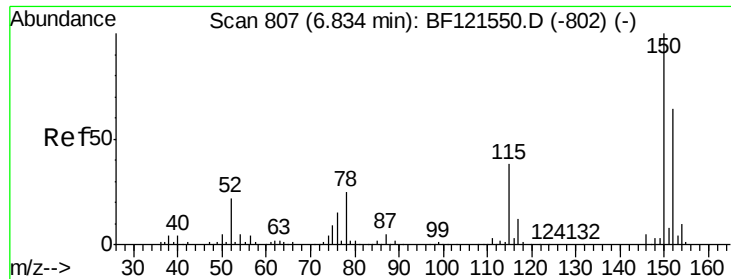
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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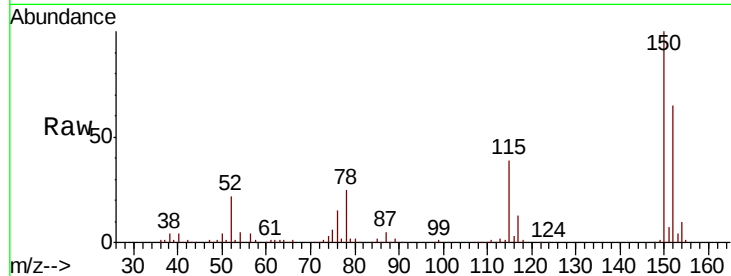


#1

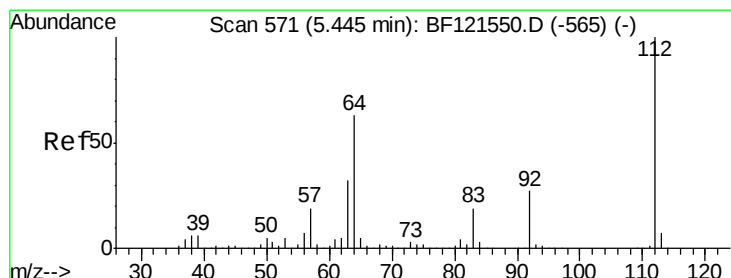
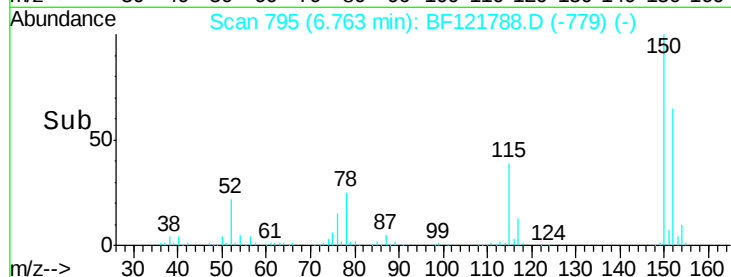
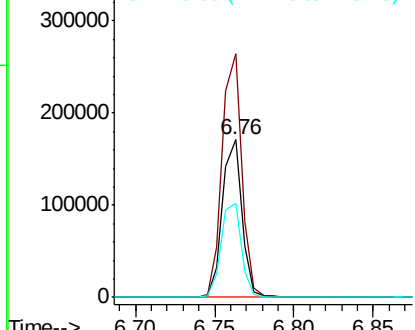
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF121788.D
 Acq: 2 Oct 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB131974BL

Tot Ion:152 Resp: 146644
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.3 187.9
 115 59.9 51.9 77.9



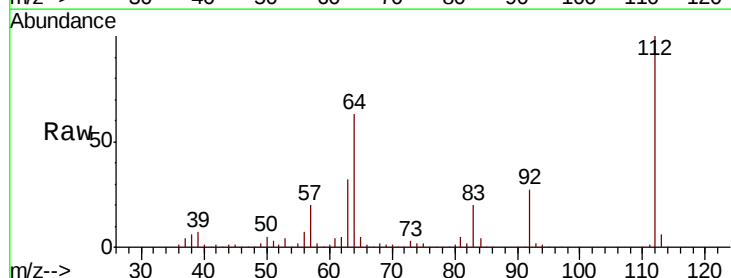
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



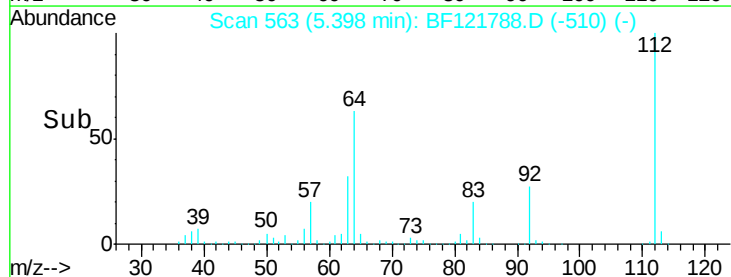
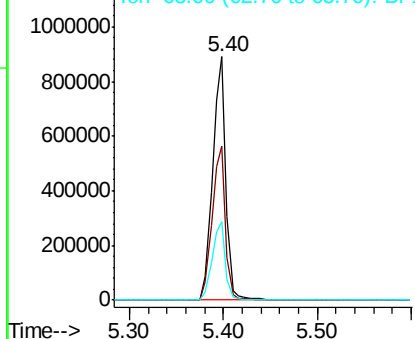
#5

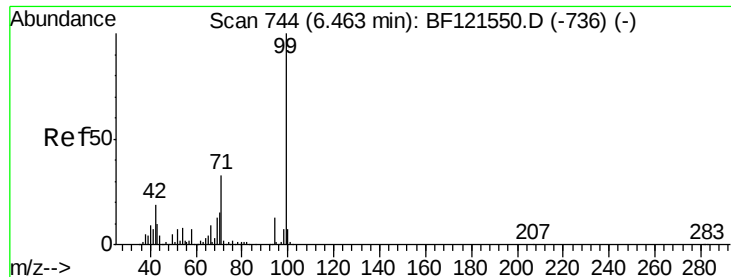
2-Fluorophenol
 Concen: 89.887 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF121788.D
 Acq: 2 Oct 2020 11:59

Tgt Ion:112 Resp: 886968
 Ion Ratio Lower Upper
 112 100
 64 63.1 50.4 75.6
 63 32.5 25.8 38.6



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: 88.710 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121788.D

Acq: 2 Oct 2020 11:59

Instrument :

BNA_F

ClientSampleId :

PB131974BL

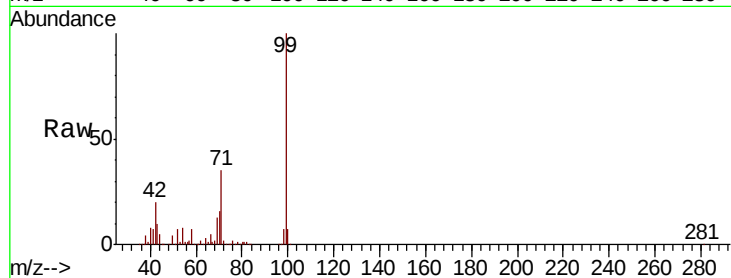
Tot Ion: 99 Resp: 1148408

Ion Ratio Lower Upper

99 100

42 20.0 15.9 23.9

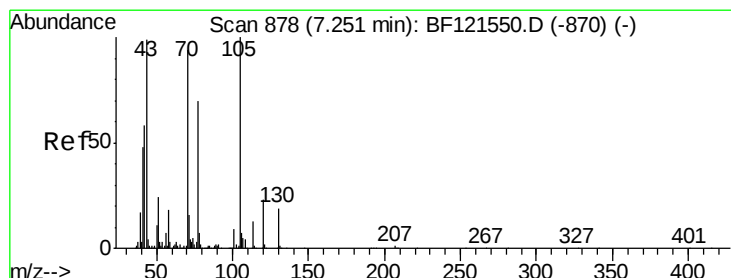
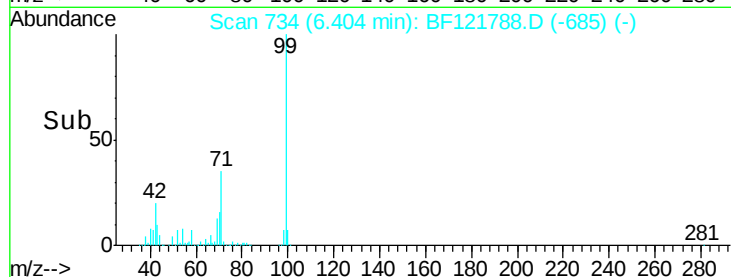
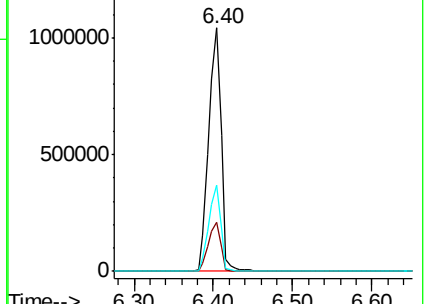
71 35.2 27.1 40.7



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: 14.124 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121788.D

Acq: 2 Oct 2020 11:59

Tgt Ion: 70 Resp: 105378

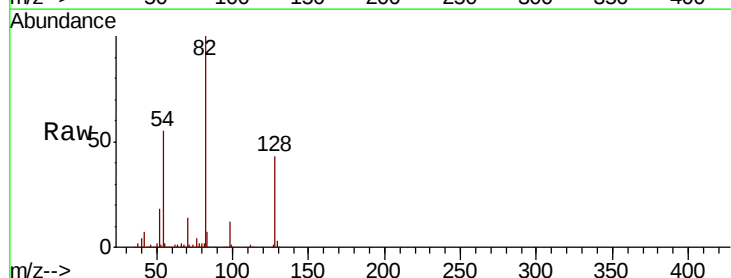
Ion Ratio Lower Upper

70 100

42 50.8 50.2 75.4

101 0.0 7.5 11.3#

130 1.9 15.5 23.3#

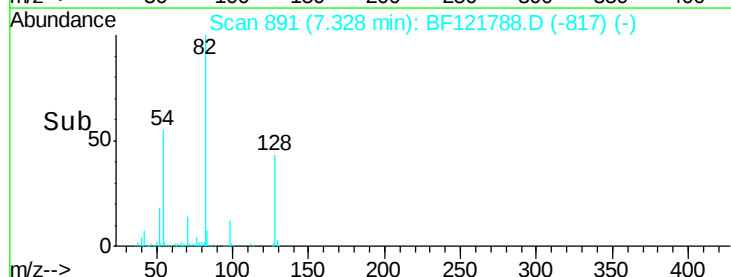
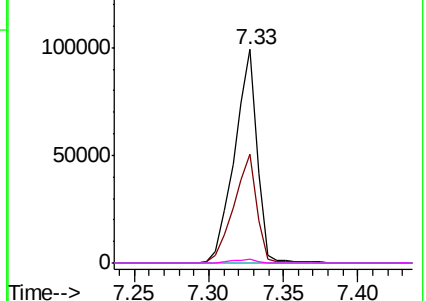


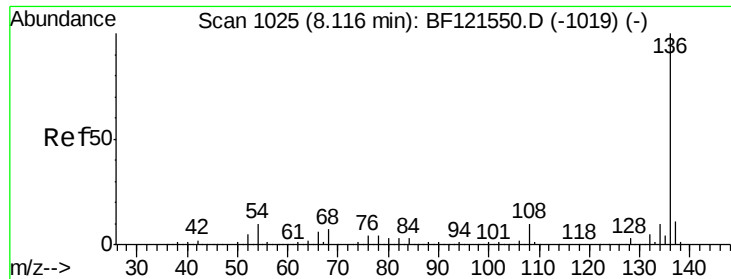
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

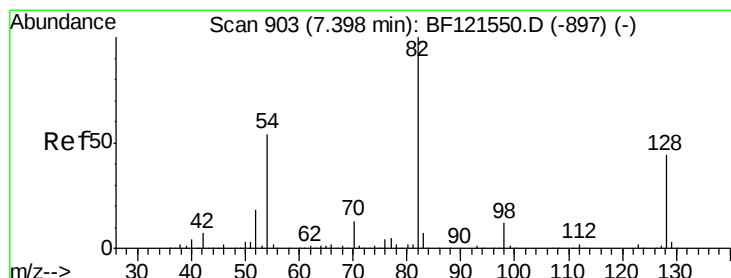
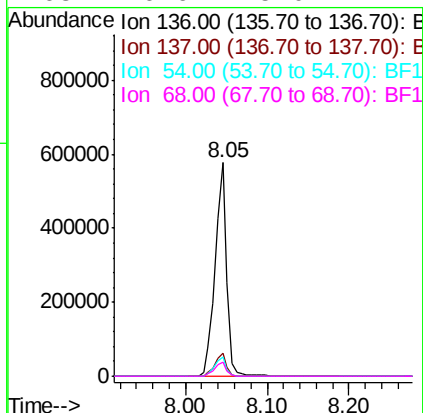
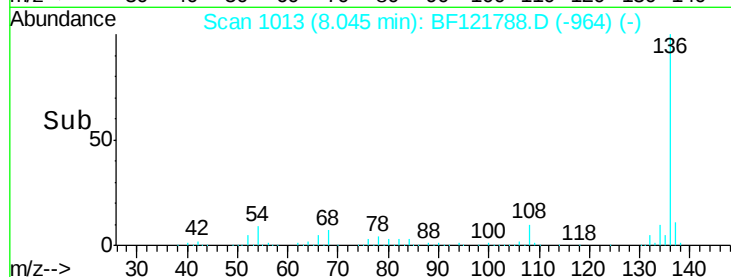
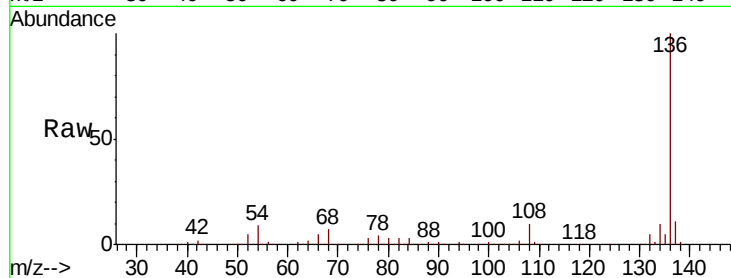




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121788.D
Acq: 2 Oct 2020 11:59

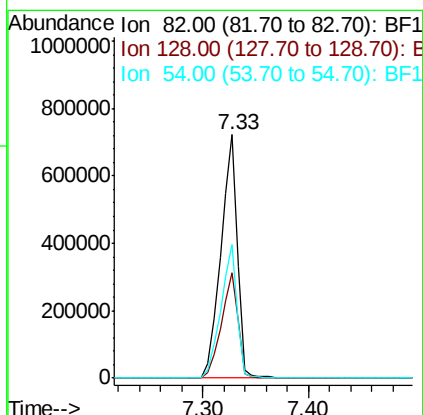
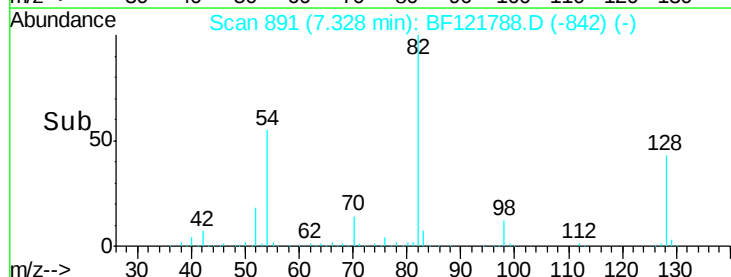
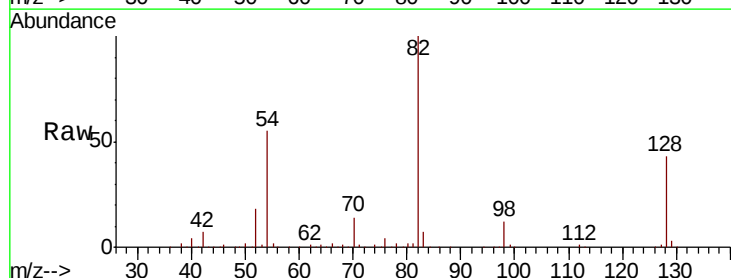
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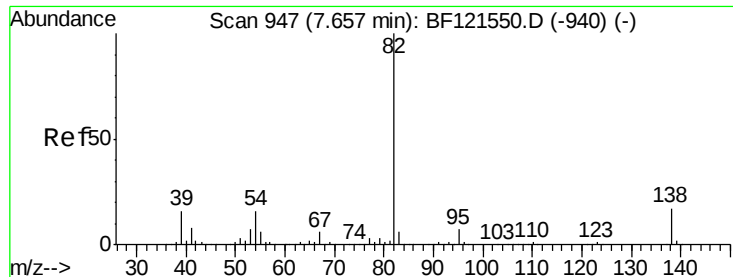
Tot Ion:136	Resp:	570746
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.6	13.0
54 9.2	7.1	10.7
68 6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 74.456 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121788.D
Acq: 2 Oct 2020 11:59

Tgt Ion: 82	Resp: 791468
Ion Ratio	Lower Upper
82 100	
128 43.2	35.0 52.4
54 54.9	43.9 65.9

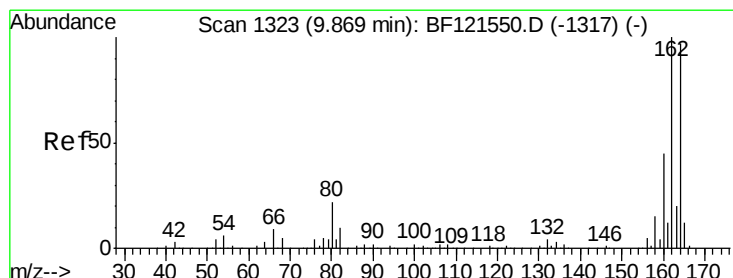
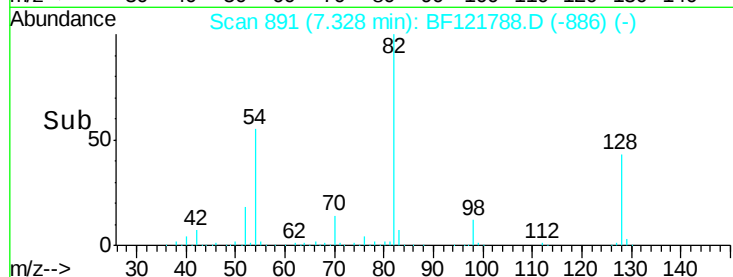
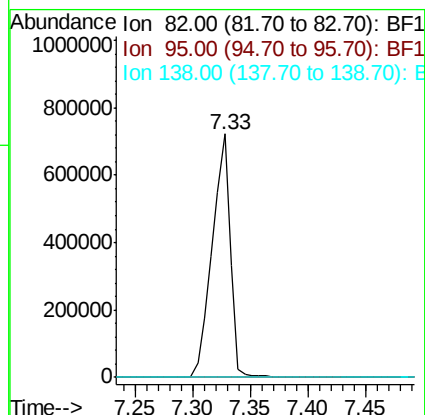
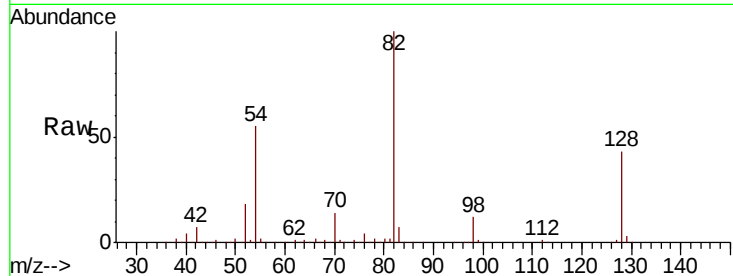




#25
Isophorone
Concen: 36.704 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF121788.D
Acq: 2 Oct 2020 11:59

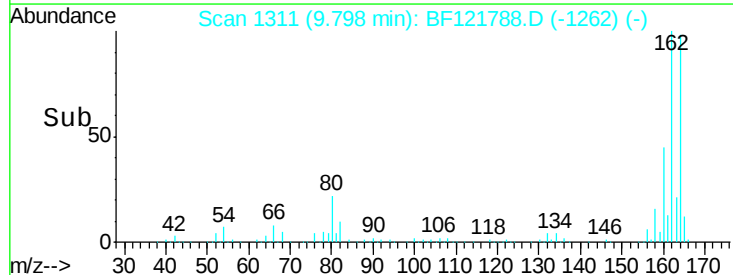
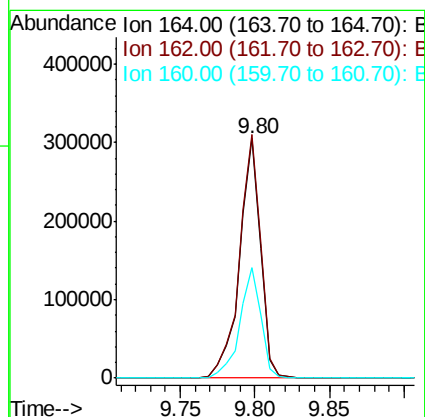
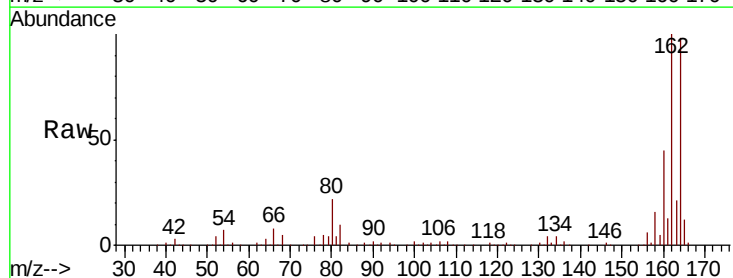
Instrument :
BNA_F
ClientSampleId :
PB131974BL

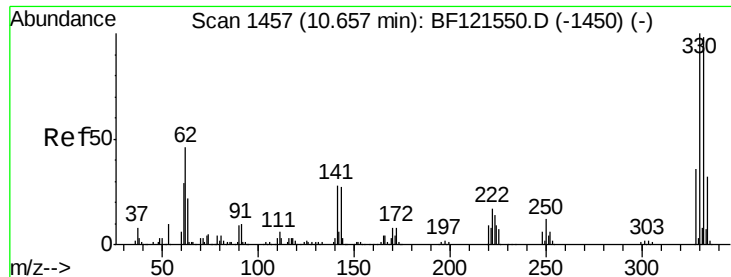
Tot Ion: 82 Resp: 785412
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121788.D
Acq: 2 Oct 2020 11:59

Tgt Ion: 164 Resp: 300596
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 46.2 37.5 56.3

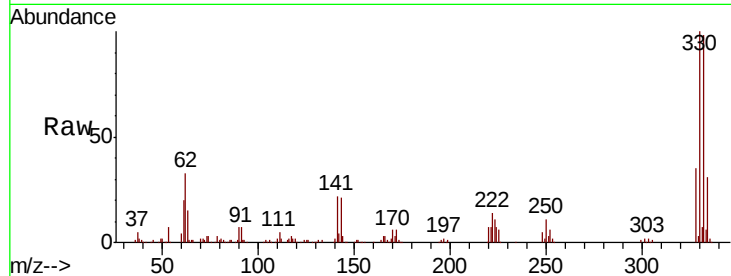




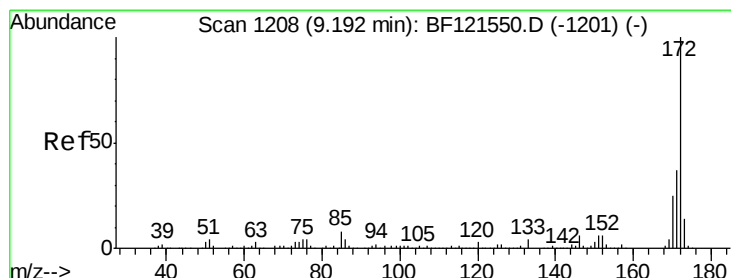
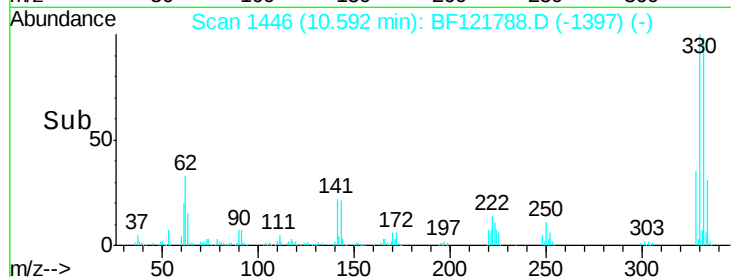
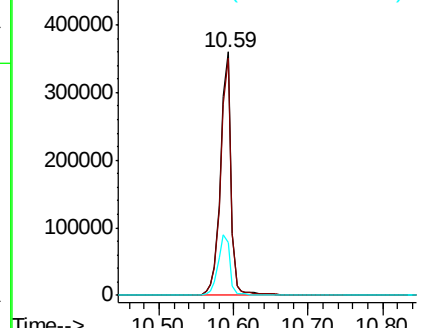
#42
 2,4,6-Tribromophenol
 Concen: 94.341 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121788.D
 Acq: 2 Oct 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB131974BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	28.0	22.3	33.5

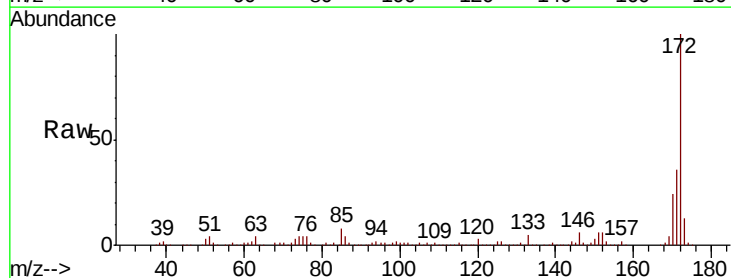


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

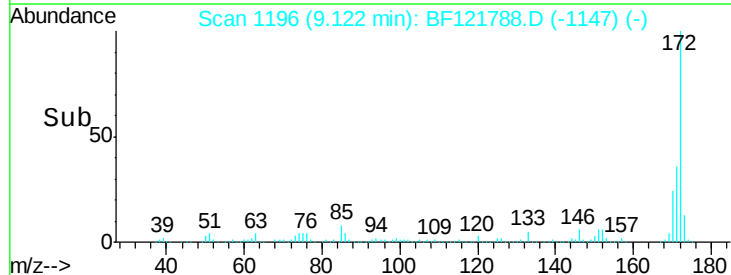
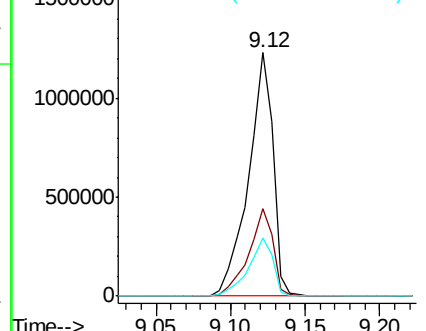


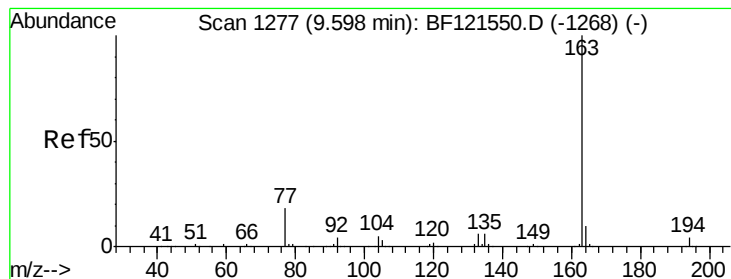
#45
 2-Fluorobiphenyl
 Concen: 70.590 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121788.D
 Acq: 2 Oct 2020 11:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.1	43.7
170	23.9	19.8	29.6



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: 2.882 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.26 min

Lab File: BF121788.D

Acq: 2 Oct 2020 11:59

Instrument :

BNA_F

ClientSampleId :

PB131974BL

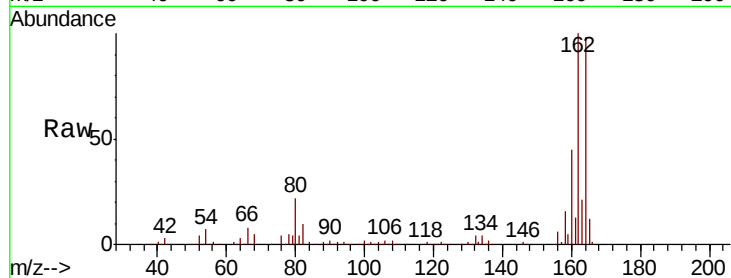
Tot Ion:163 Resp: 62789

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

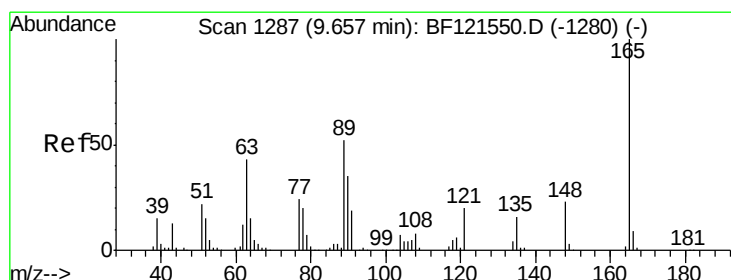
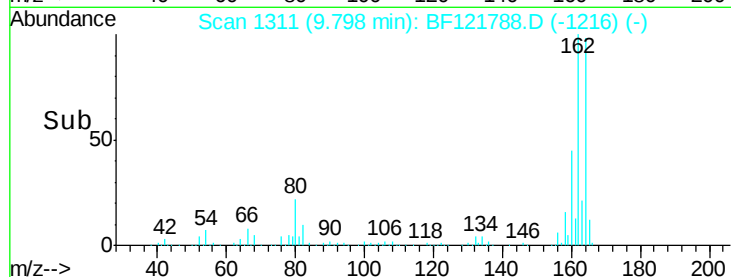
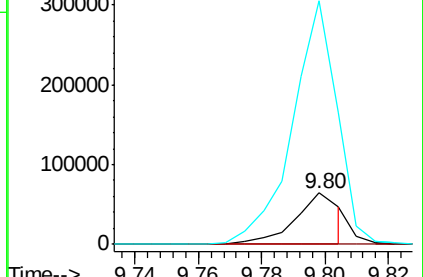
164 472.6 8.2 12.4#



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: 8.222 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.20 min

Lab File: BF121788.D

Acq: 2 Oct 2020 11:59

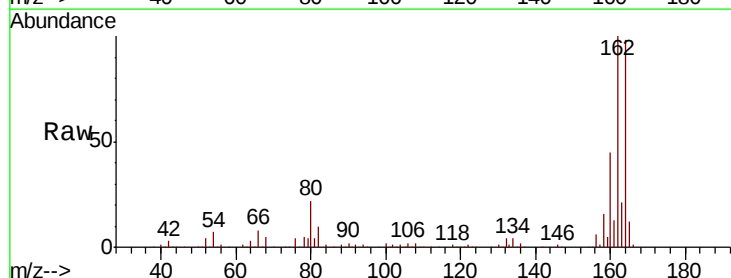
Tgt Ion:165 Resp: 38150

Ion Ratio Lower Upper

165 100

63 1.1 51.8 77.6#

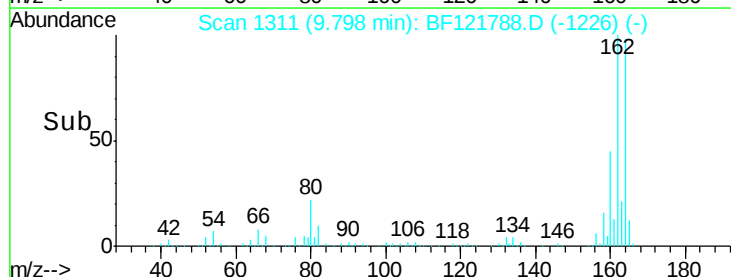
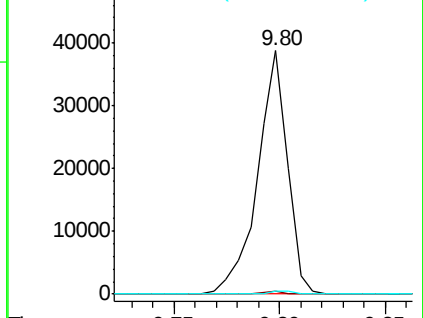
89 1.5 49.0 73.6#

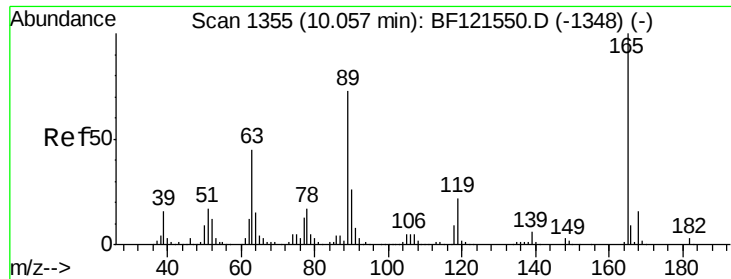


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

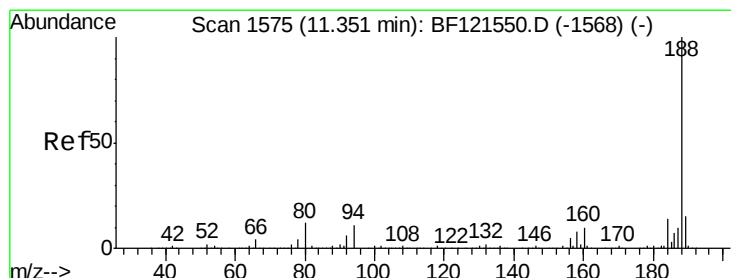
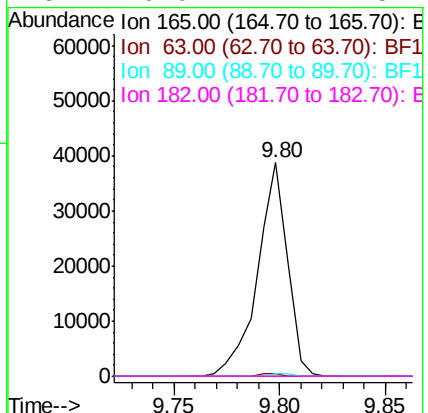
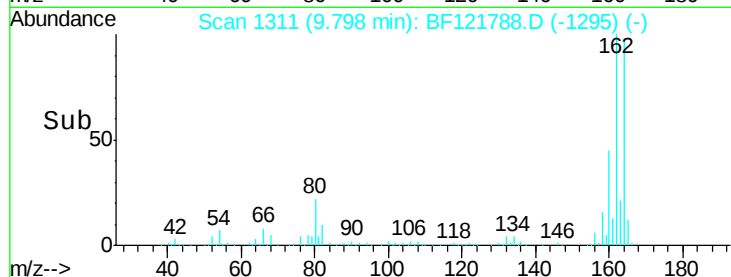
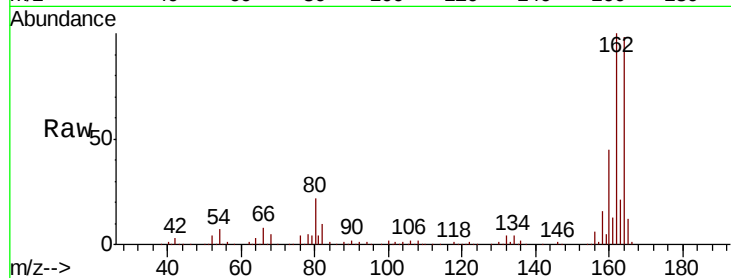




#57
 2,4-Dinitrotoluene
 Concen: 6.536 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.21 min
 Lab File: BF121788.D
 Acq: 2 Oct 2020 11:59

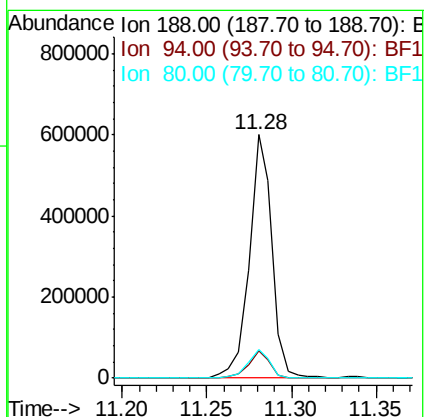
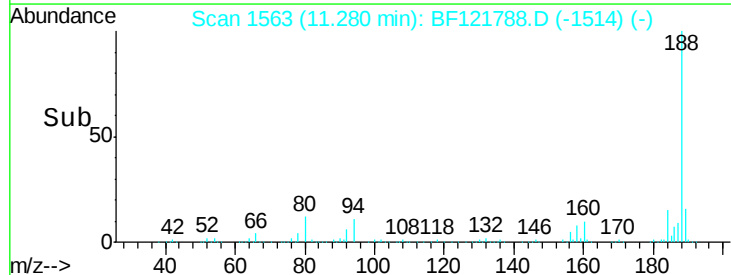
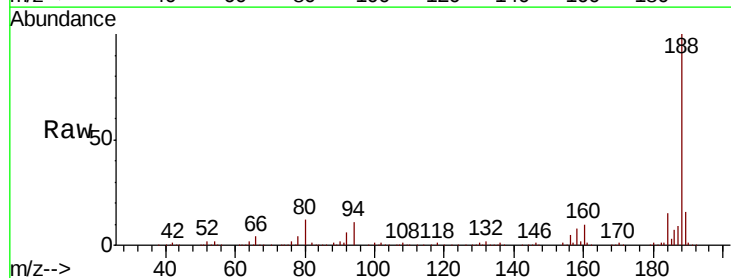
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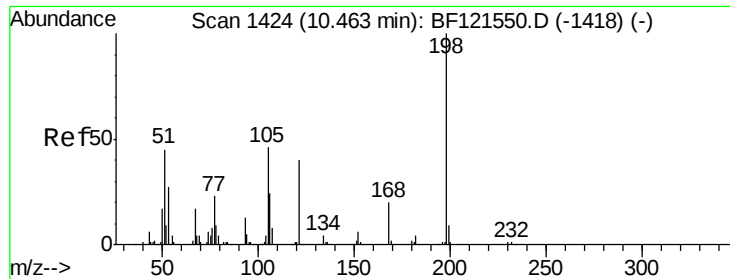
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.3	61.9#
89	1.5	61.8	92.8#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF121788.D
 Acq: 2 Oct 2020 11:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.3	12.5
80	11.8	9.1	13.7

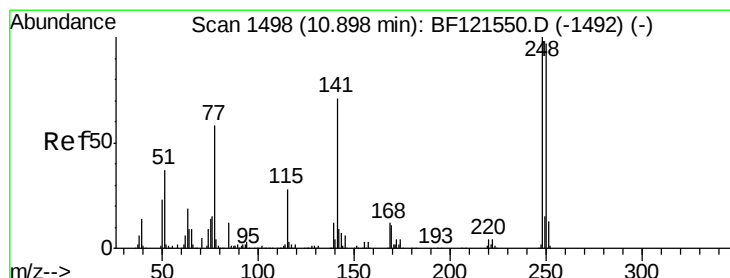
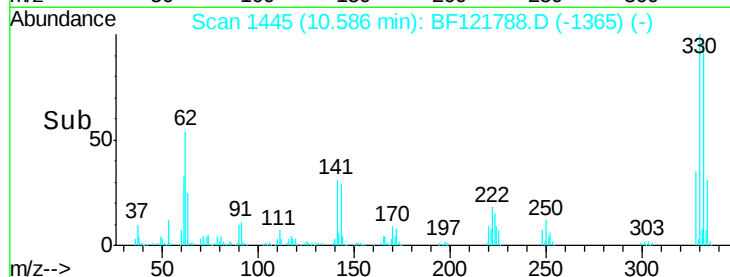
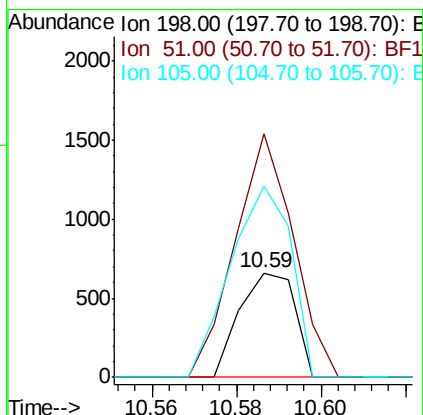
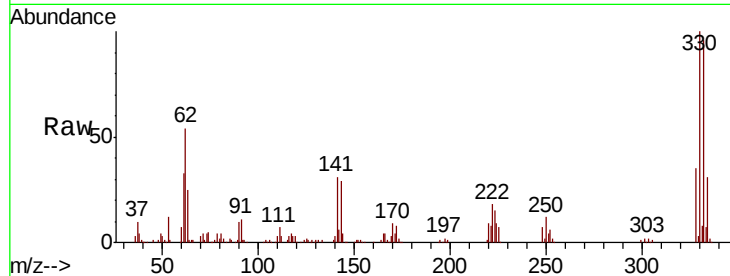




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.001 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.17 min
 Lab File: BF121788.D
 Acq: 2 Oct 2020 11:59

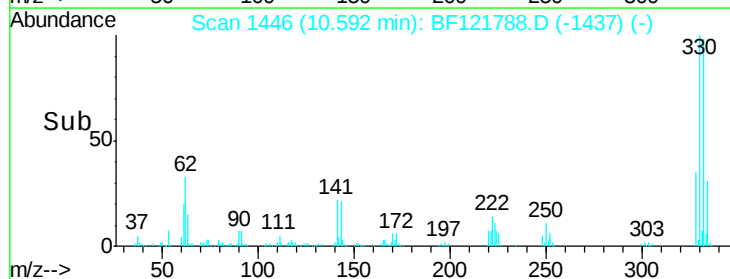
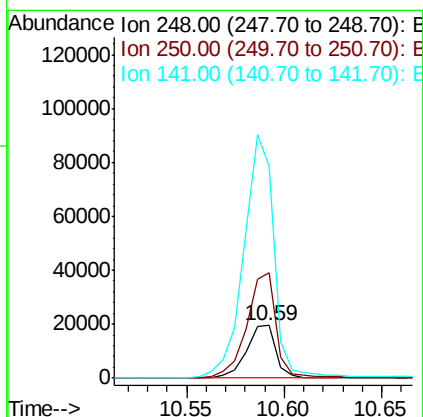
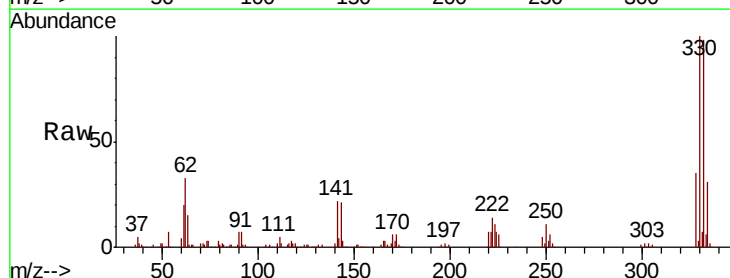
Instrument :
 BNA_F
 ClientSampleId :
 PB131974BL

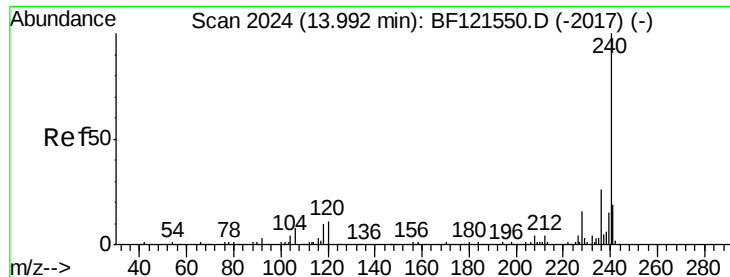
Tot Ion:198 Resp: 599
 Ion Ratio Lower Upper
 198 100
 51 233.5 29.6 69.6#
 105 183.3 24.4 64.4#



#67
 4-Bromophenyl-phenylether
 Concen: 3.202 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.25 min
 Lab File: BF121788.D
 Acq: 2 Oct 2020 11:59

Tgt Ion:248 Resp: 20523
 Ion Ratio Lower Upper
 248 100
 250 200.8 77.0 115.6#
 141 404.3 53.7 80.5#

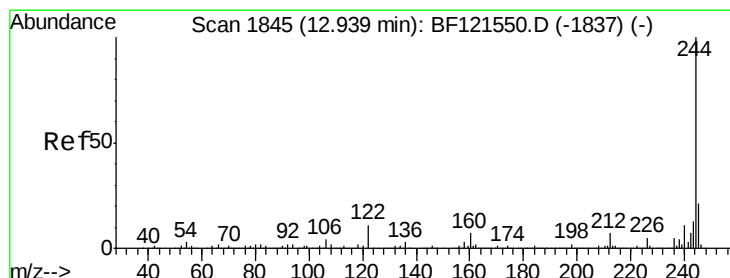
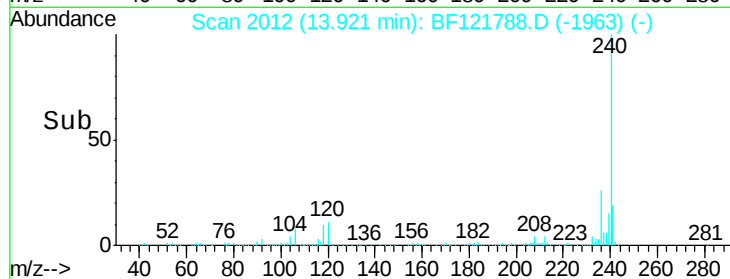
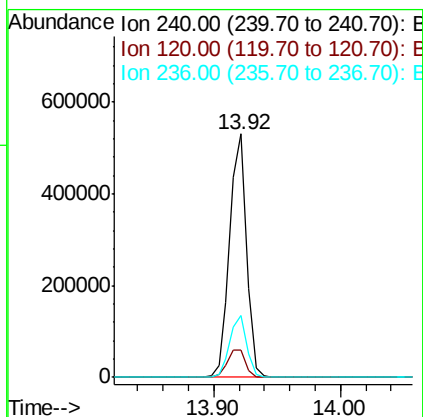
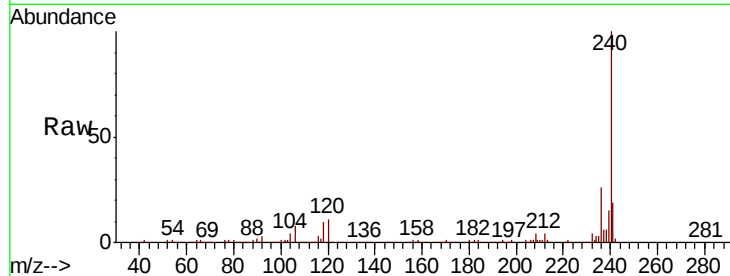




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121788.D
Acq: 2 Oct 2020 11:59

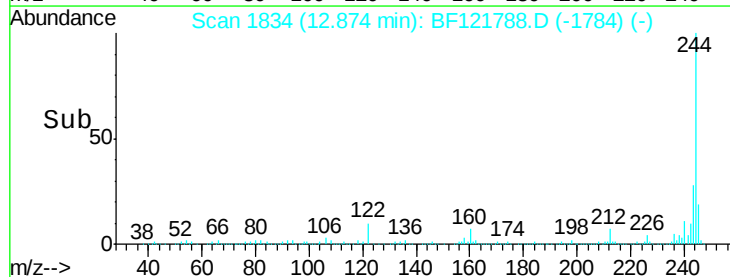
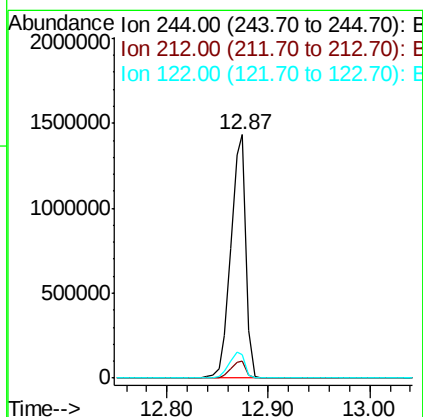
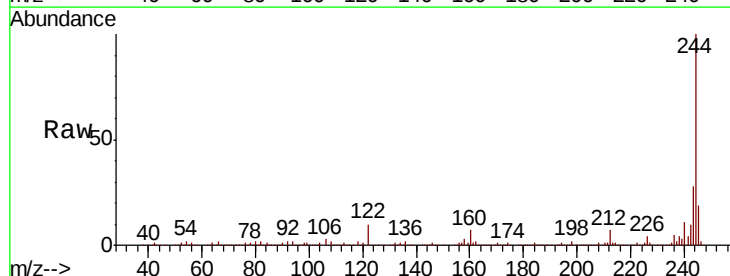
Instrument :
BNA_F
ClientSampleId :
PB131974BL

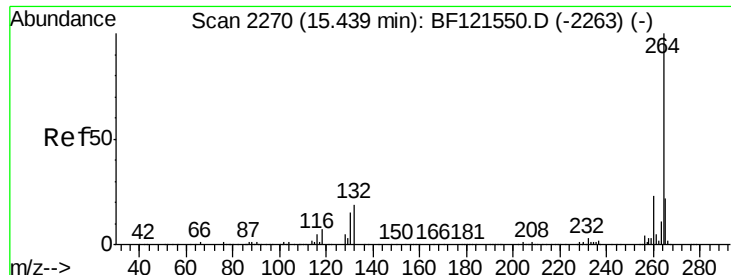
Tot Ion:240 Resp: 490385
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 60.550 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF121788.D
Acq: 2 Oct 2020 11:59

Tgt Ion:244 Resp: 1465649
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 9.8 8.1 12.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121788.D
Acq: 2 Oct 2020 11:59

Instrument :
BNA_F
ClientSampleId :
PB131974BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.6	17.3	25.9

