

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121811.D
 Acq On : 5 Oct 2020 10:58
 Operator : JU/CG
 Sample : PB132057BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BL

Quant Time: Oct 05 11:22:33 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

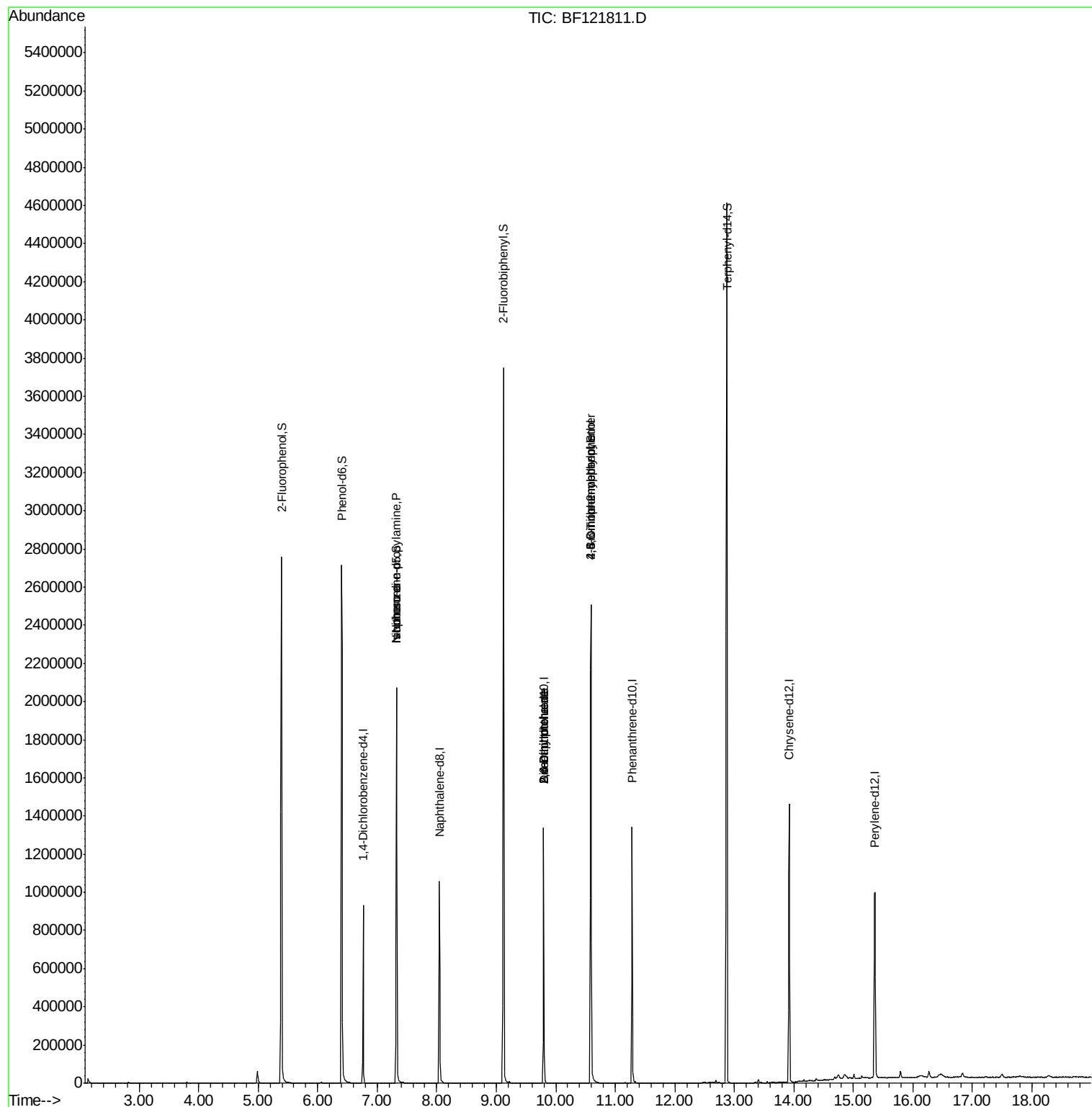
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	122808	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	493573	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	265906	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	528589	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	483510	20.00	ng	-0.01
86) Perylene-d12	15.36	264	459615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	822317	99.51	ng	0.00
7) Phenol-d6	6.40	99	1055314	97.34	ng	-0.01
23) Nitrobenzene-d5	7.33	82	726531	79.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	352720	106.73	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1294345	73.72	ng	-0.01
79) Terphenyl-d14	12.87	244	1579419	66.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	96930	15.513	ng	# 78
25) Isophorone	7.33	82	726527	39.261	ng	# 67
50) Dimethylphthalate	9.80	163	53501	2.776	ng	# 1
51) 2,6-Dinitrotoluene	9.80	165	33346	8.124	ng	# 21
57) 2,4-Dinitrotoluene	9.80	165	33346	6.458	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	568	7.002	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	20286	3.371	ng	# 1

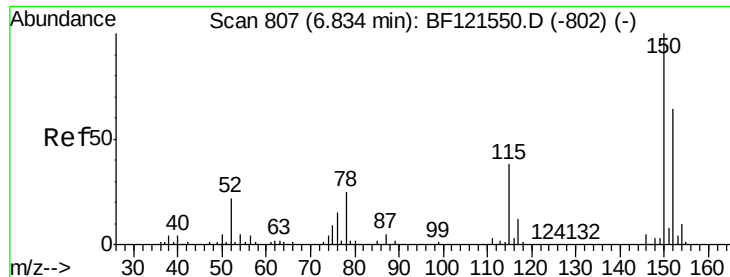
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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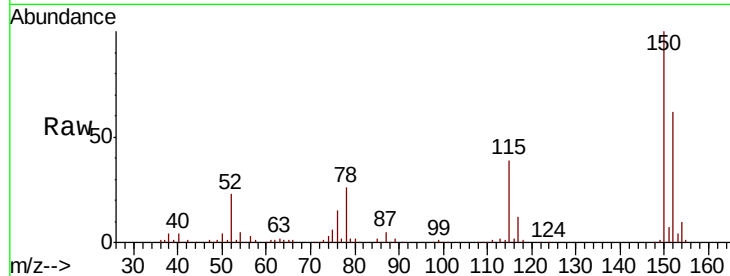


#1

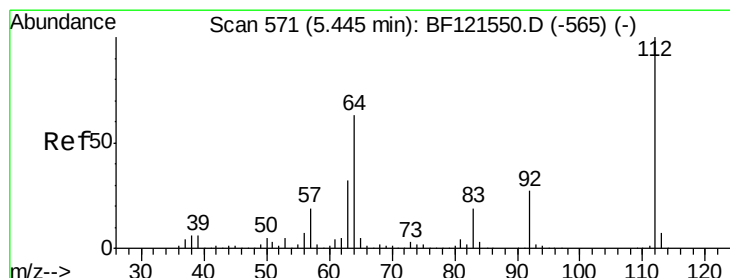
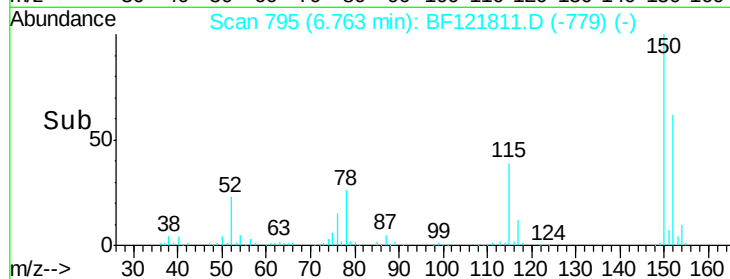
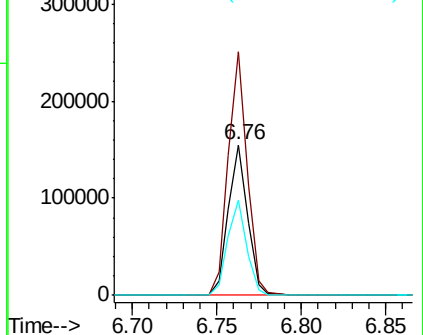
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121811.D
Acq: 5 Oct 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB132057BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	125.3	187.9
115	63.2	51.9	77.9



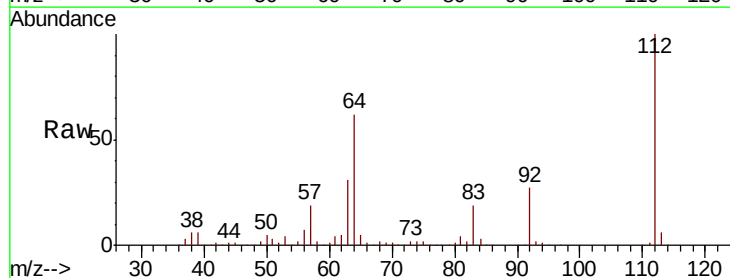
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



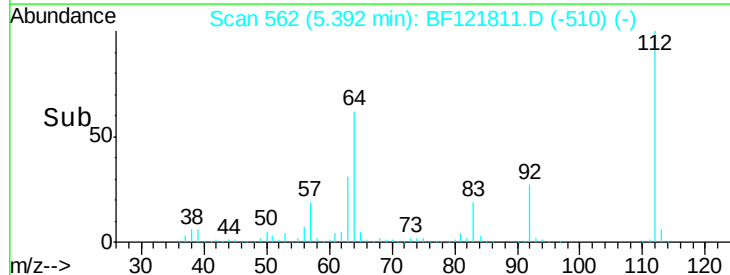
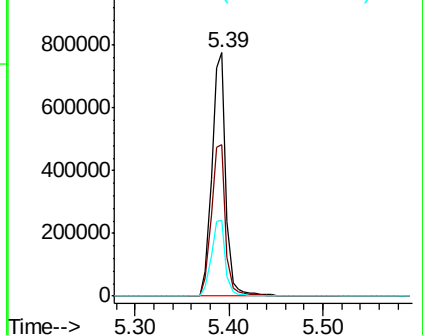
#5

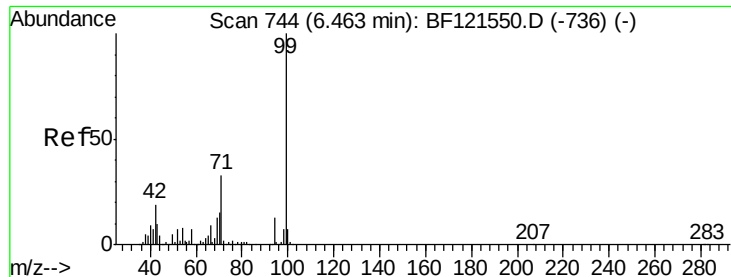
2-Fluorophenol
Concen: 99.510 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF121811.D
Acq: 5 Oct 2020 10:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	50.4	75.6
63	31.2	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: 97.341 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121811.D

Acq: 5 Oct 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB132057BL

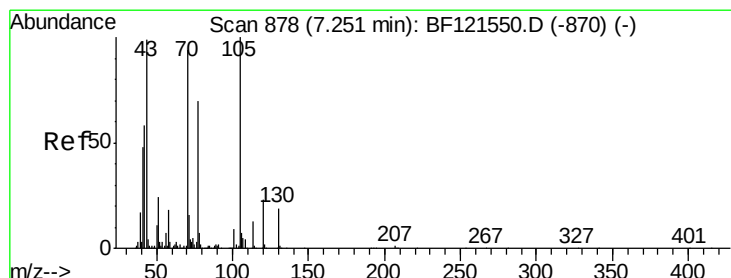
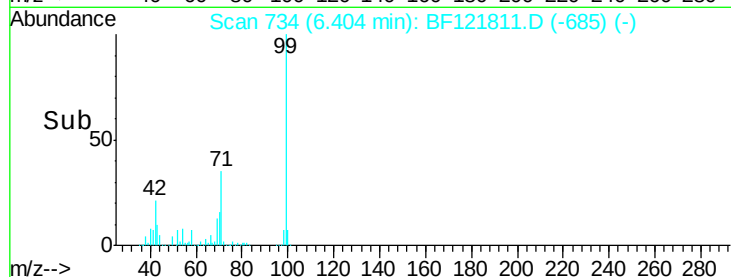
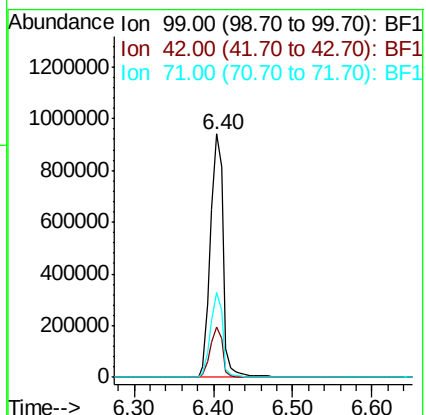
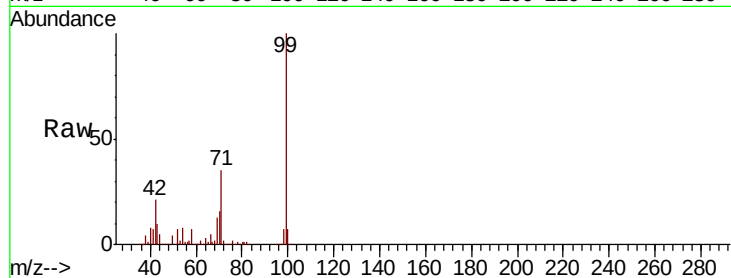
Tot Ion: 99 Resp: 1055314

Ion Ratio Lower Upper

99 100

42 20.7 15.9 23.9

71 34.8 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.513 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121811.D

Acq: 5 Oct 2020 10:58

Tgt Ion: 70 Resp: 96930

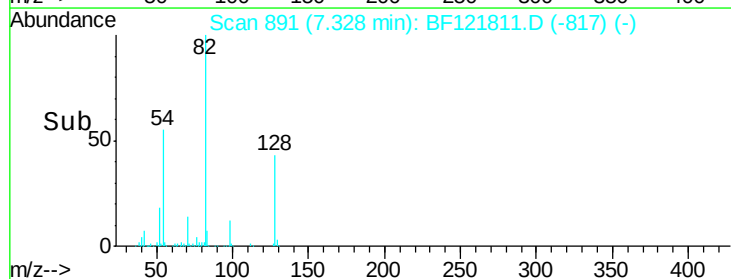
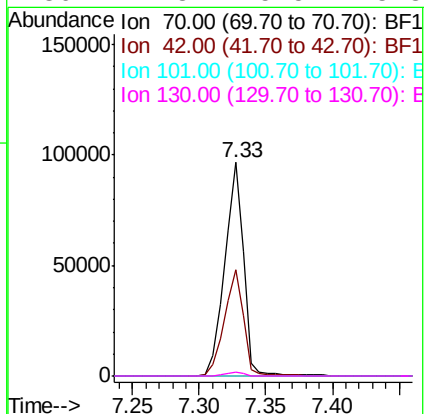
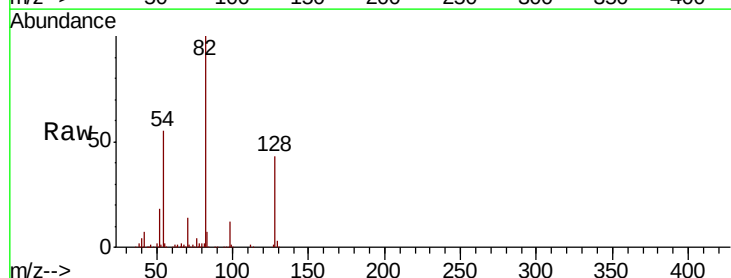
Ion Ratio Lower Upper

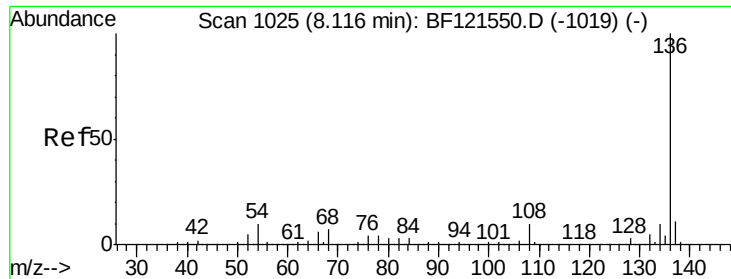
70 100

42 49.9 50.2 75.4#

101 0.0 7.5 11.3#

130 1.8 15.5 23.3#

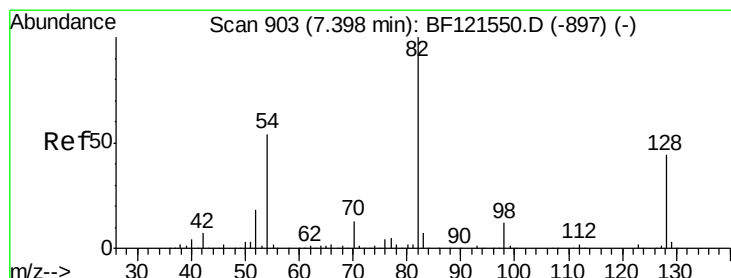
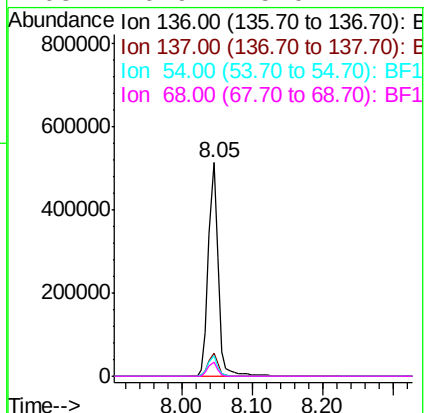
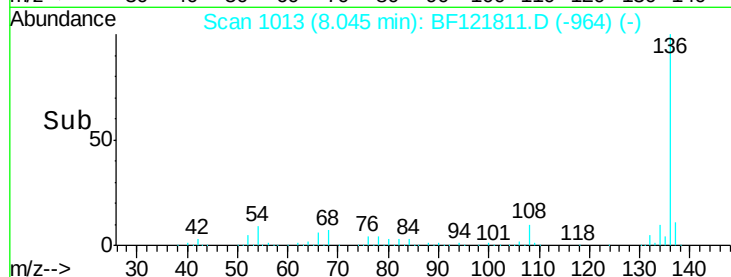
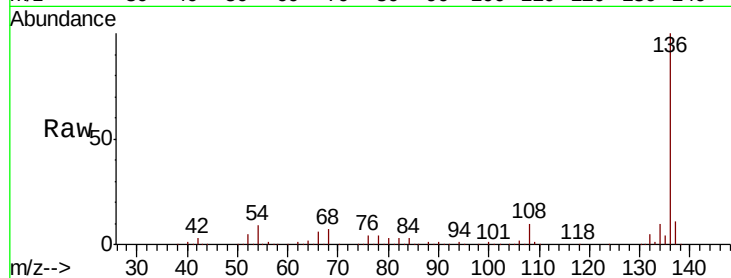




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121811.D
Acq: 5 Oct 2020 10:58

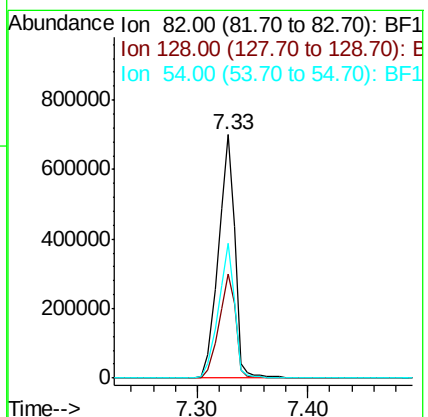
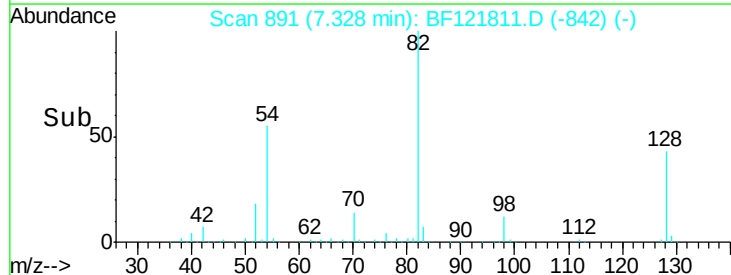
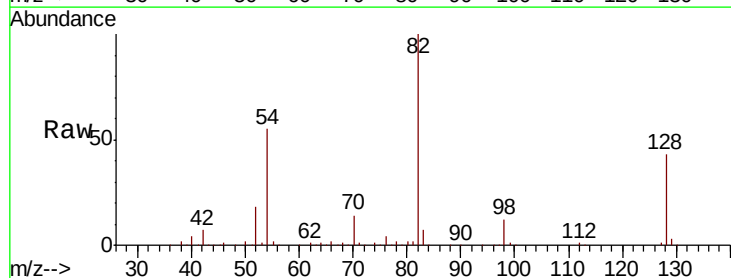
Instrument :
BNA_F
ClientSampleId :
PB132057BL

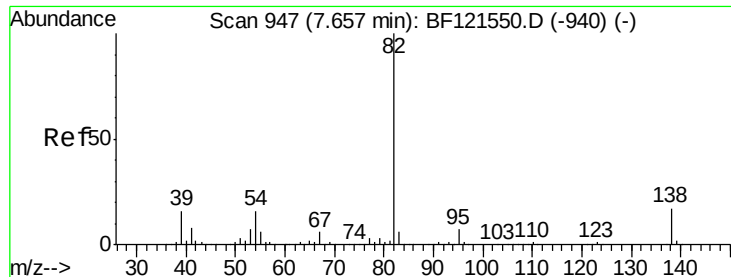
Tot Ion:136	Resp:	493573
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 13.0
54	9.4	7.1 10.7
68	6.9	5.0 7.4



#23
Nitrobenzene-d5
Concen: 79.033 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121811.D
Acq: 5 Oct 2020 10:58

Tgt Ion: 82	Resp:	726531
Ion Ratio	Lower	Upper
82	100	
128	42.6	35.0 52.4
54	55.2	43.9 65.9





#25

Isophorone

Concen: 39.261 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF121811.D

Acq: 5 Oct 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB132057BL

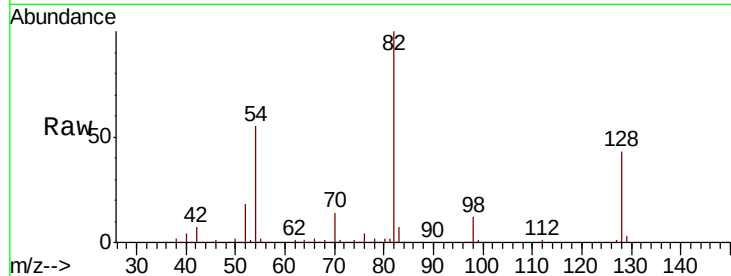
Tot Ion: 82 Resp: 726527

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

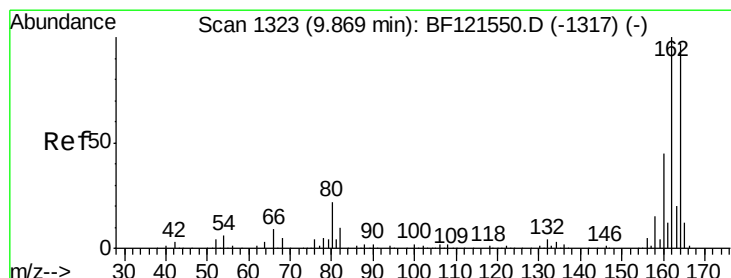
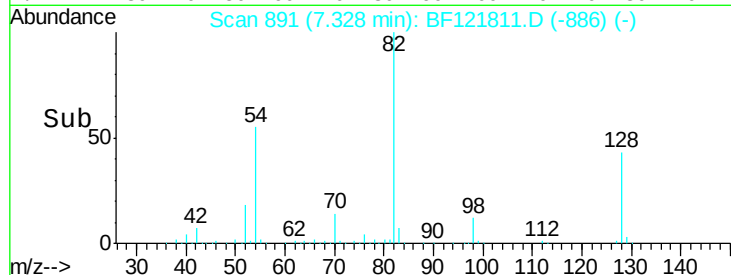
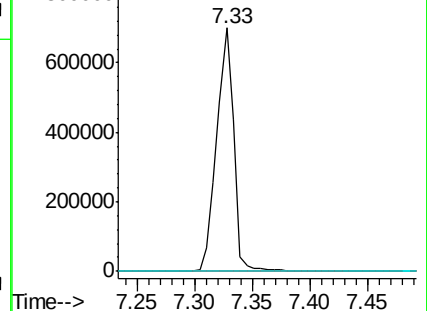
138 0.0 13.4 20.0#



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: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121811.D

Acq: 5 Oct 2020 10:58

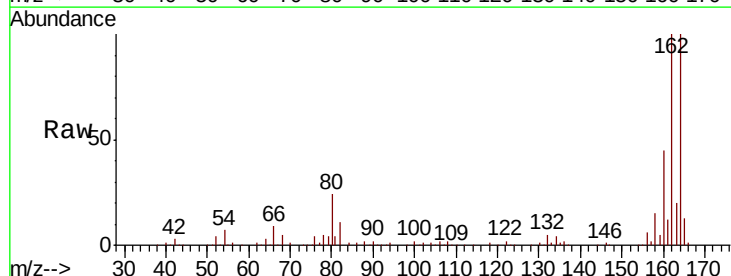
Tgt Ion: 164 Resp: 265906

Ion Ratio Lower Upper

164 100

162 100.3 83.2 124.8

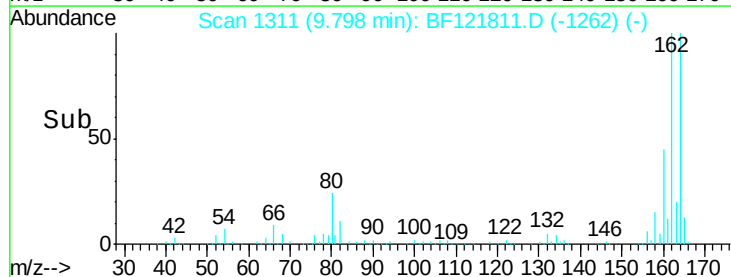
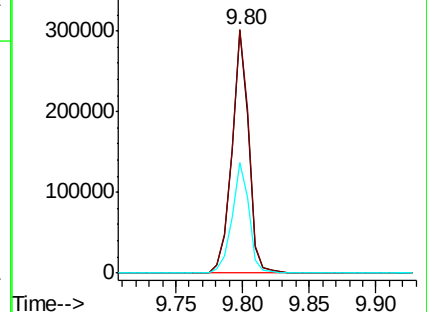
160 45.5 37.5 56.3

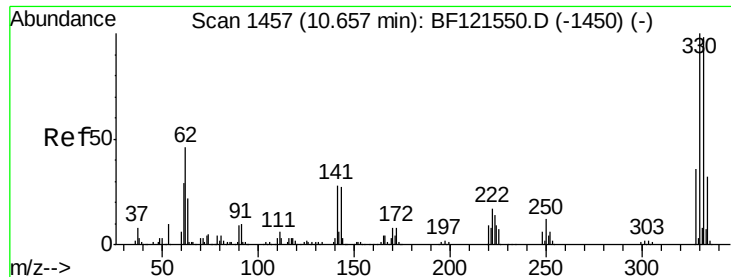


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

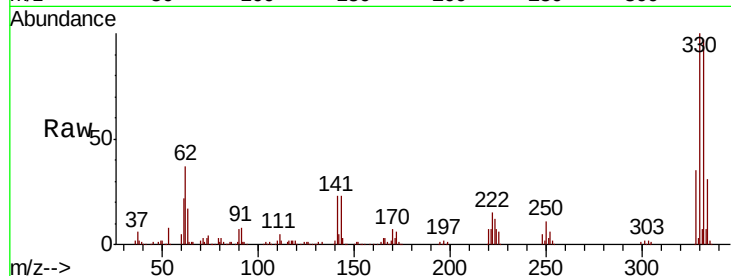




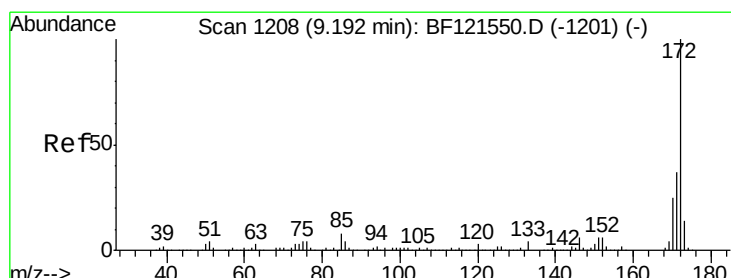
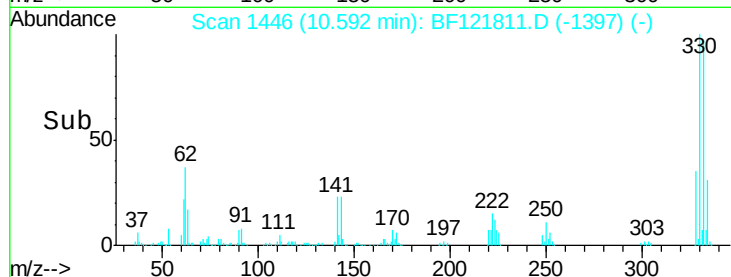
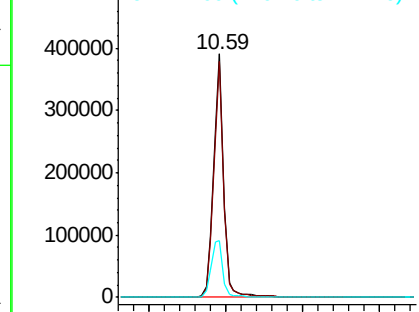
#42
 2,4,6-Tribromophenol
 Concen: 106.728 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121811.D
 Acq: 5 Oct 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BL

Tot Ion:330 Resp: 352720
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 27.9 22.3 33.5

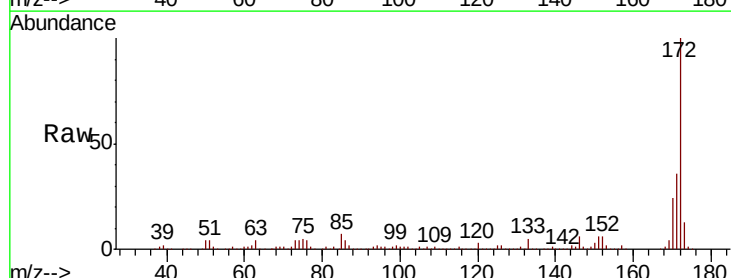


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

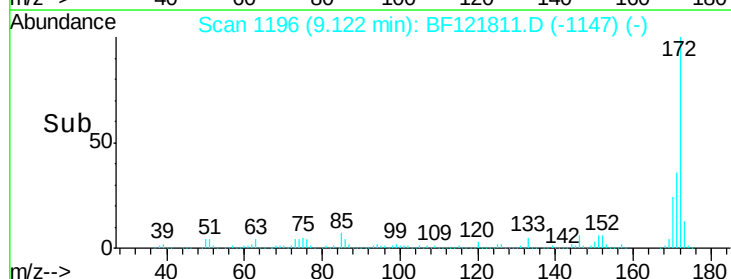
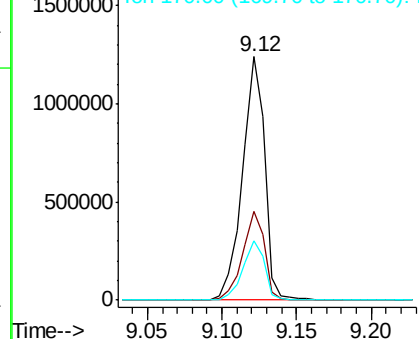


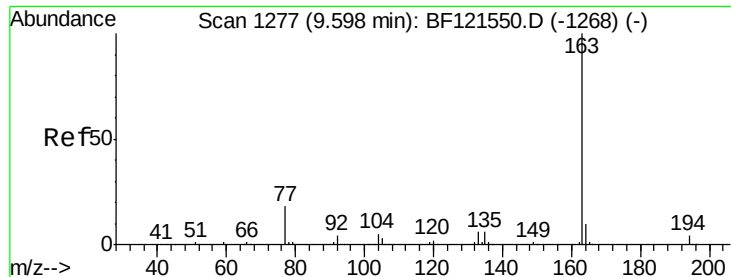
#45
 2-Fluorobiphenyl
 Concen: 73.723 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121811.D
 Acq: 5 Oct 2020 10:58

Tgt Ion:172 Resp: 1294345
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.1 43.7
 170 24.4 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

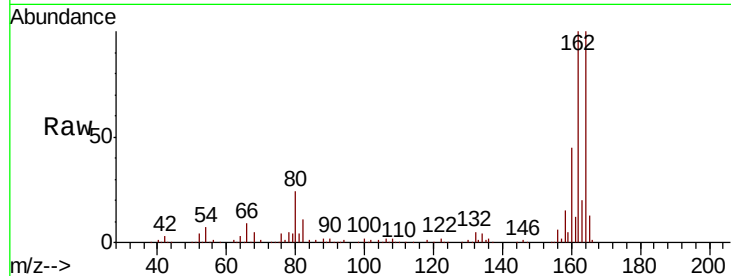




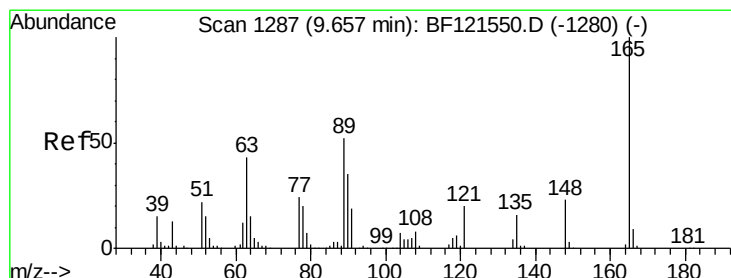
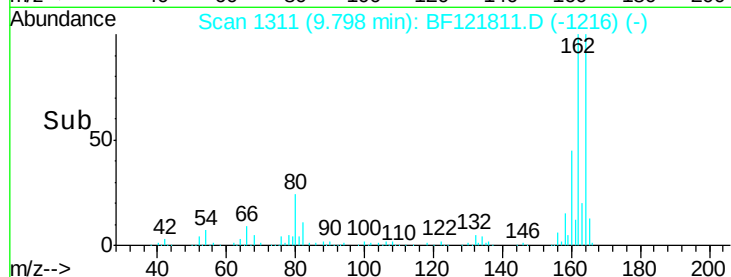
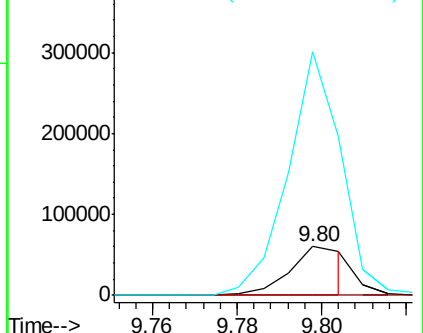
#50
Dimethylphthalate
Concen: 2.776 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.26 min
Lab File: BF121811.D
Acq: 5 Oct 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB132057BL

Tot Ion:163 Resp: 53501
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 502.6 8.2 12.4#

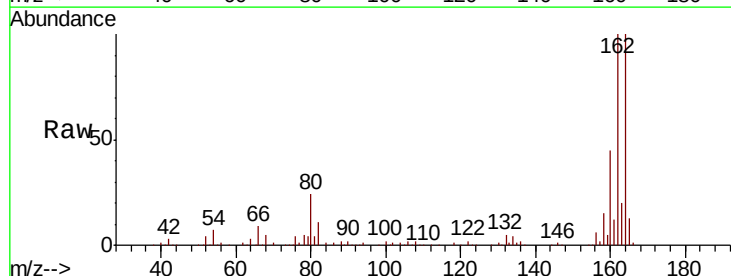


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

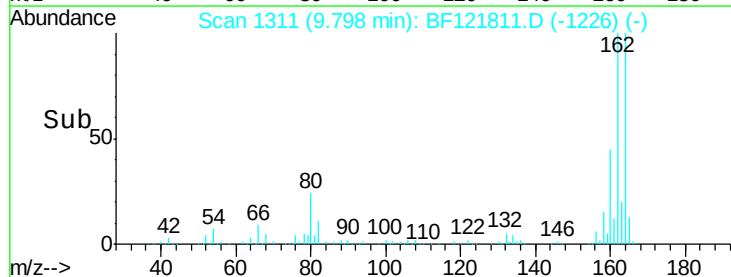
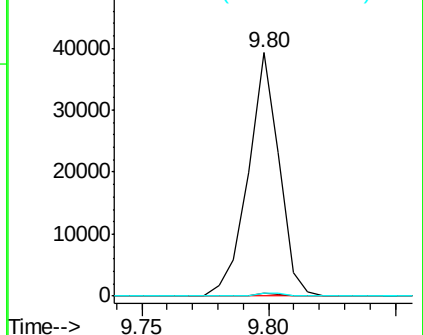


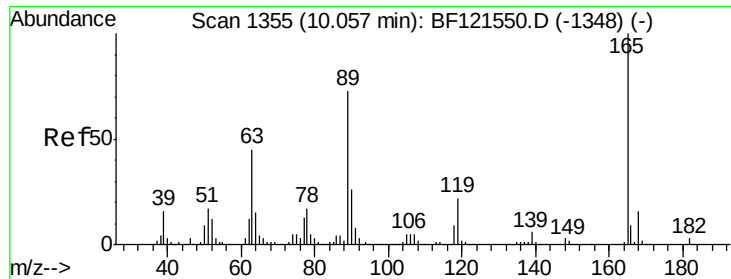
#51
2,6-Dinitrotoluene
Concen: 8.124 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.20 min
Lab File: BF121811.D
Acq: 5 Oct 2020 10:58

Tgt Ion:165 Resp: 33346
Ion Ratio Lower Upper
165 100
63 1.3 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

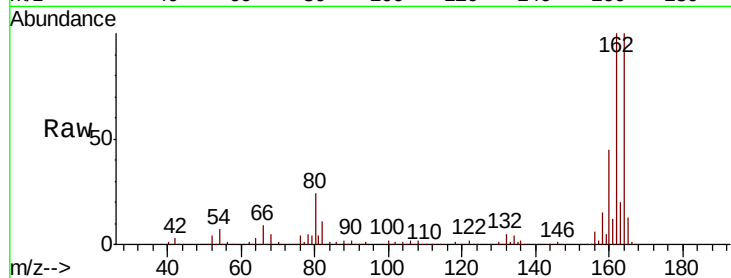




#57
 2,4-Dinitrotoluene
 Concen: 6.458 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.21 min
 Lab File: BF121811.D
 Acq: 5 Oct 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.3	61.9#
89	1.5	61.8	92.8#
182	0.0	2.1	3.1#

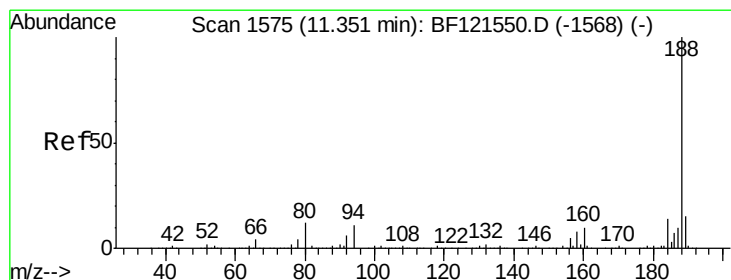
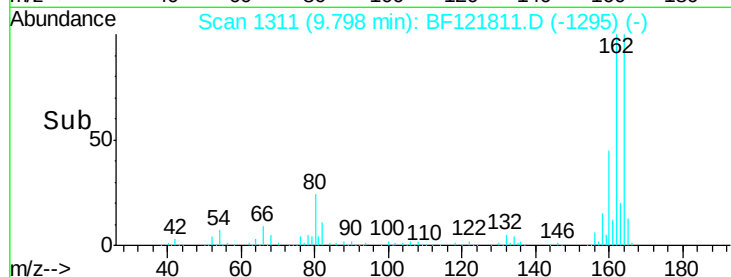
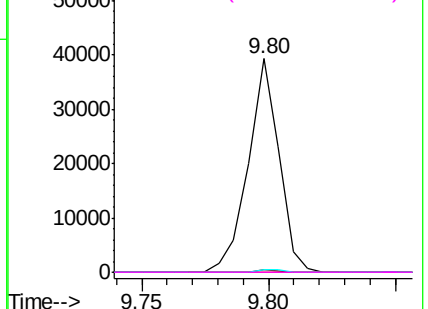


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

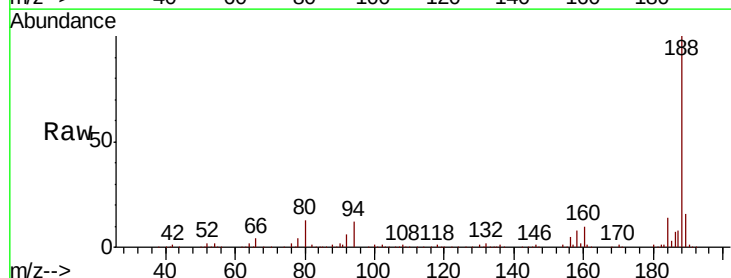
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF121811.D
 Acq: 5 Oct 2020 10:58

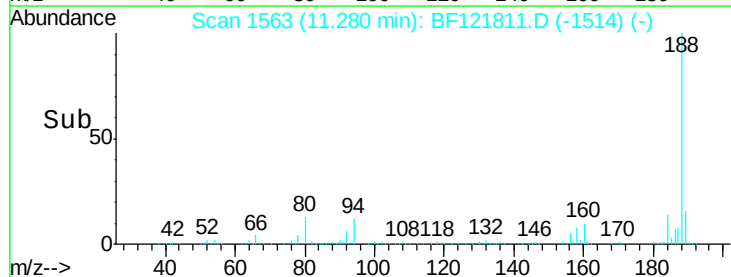
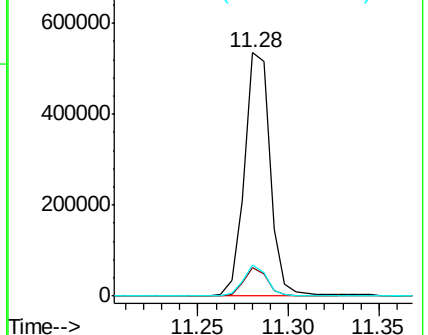
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.3	12.5
80	12.8	9.1	13.7

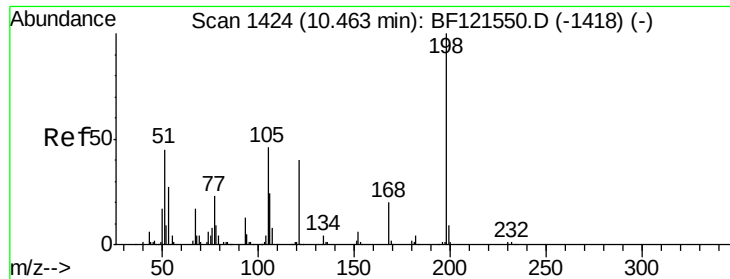


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

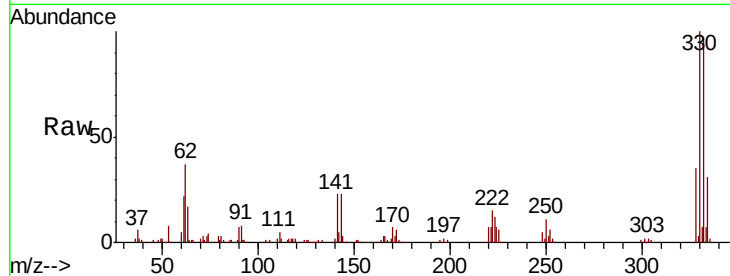




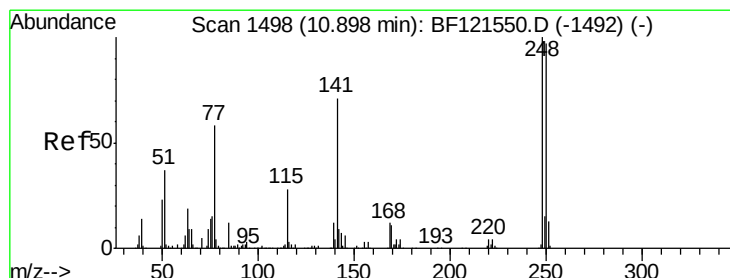
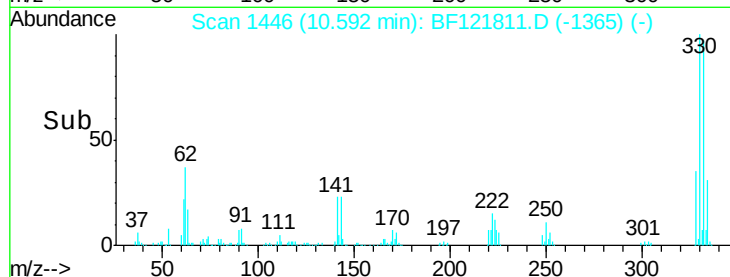
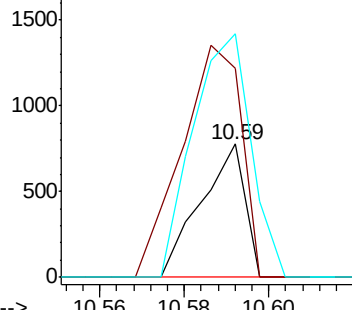
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.002 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.18 min
 Lab File: BF121811.D
 Acq: 5 Oct 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BL

Tot Ion:198 Resp: 568
 Ion Ratio Lower Upper
 198 100
 51 157.5 29.6 69.6#
 105 183.0 24.4 64.4#

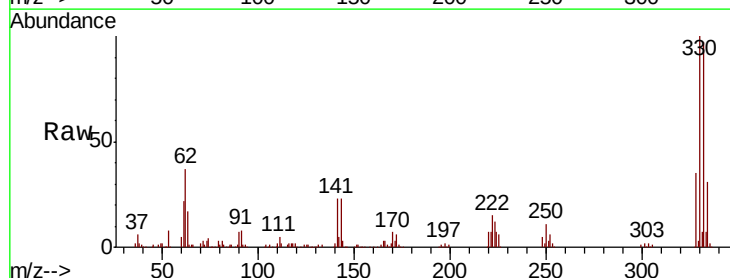


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

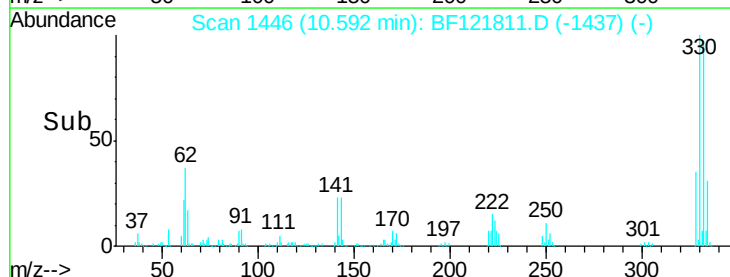
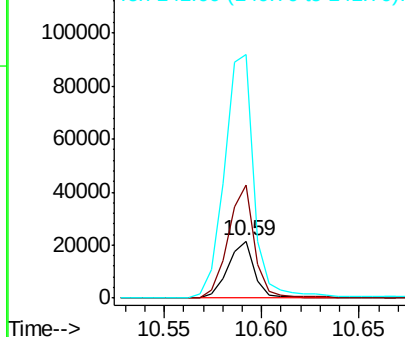


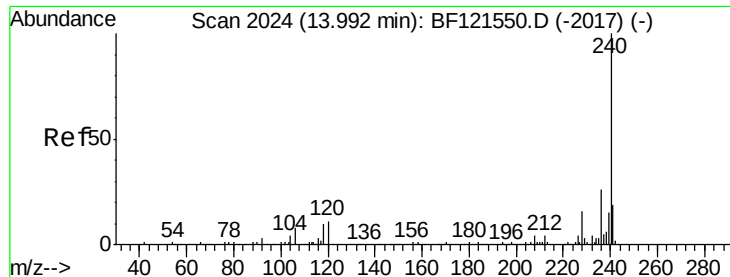
#67
 4-Bromophenyl-phenylether
 Concen: 3.371 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.25 min
 Lab File: BF121811.D
 Acq: 5 Oct 2020 10:58

Tgt Ion:248 Resp: 20286
 Ion Ratio Lower Upper
 248 100
 250 199.7 77.0 115.6#
 141 428.8 53.7 80.5#



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

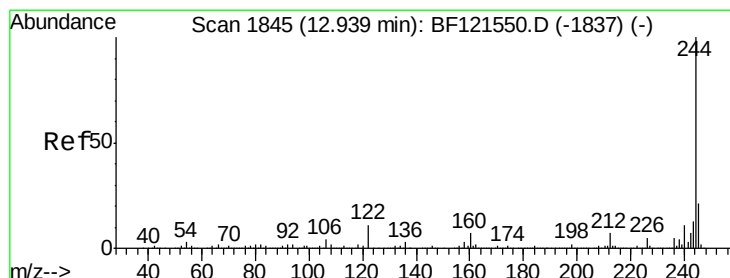
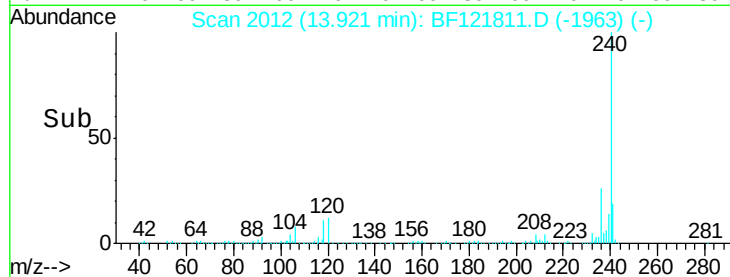
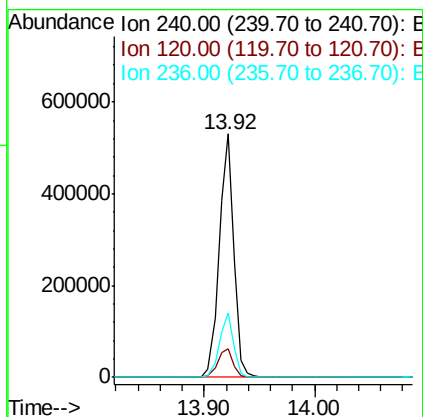
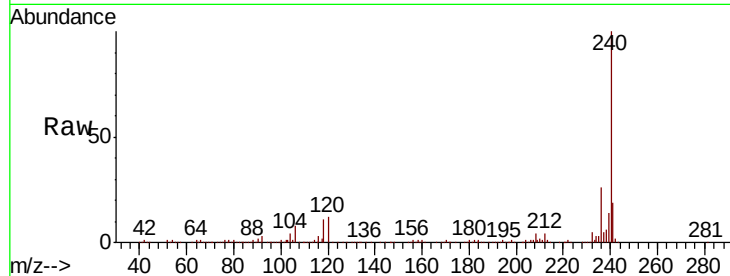




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121811.D
Acq: 5 Oct 2020 10:58

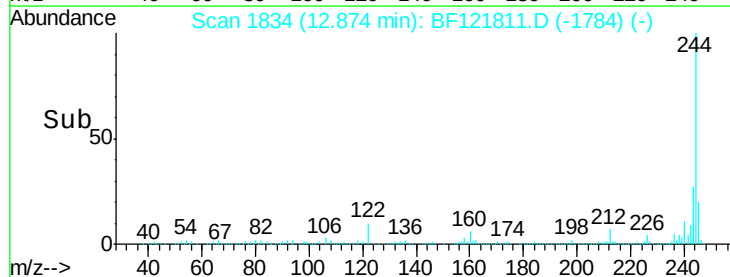
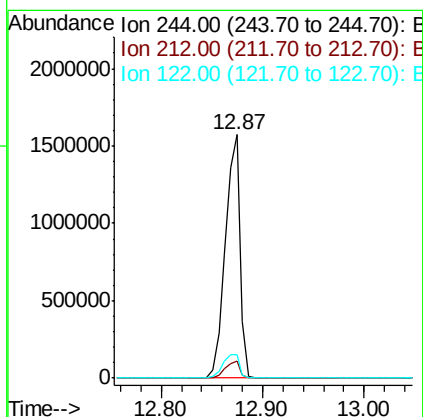
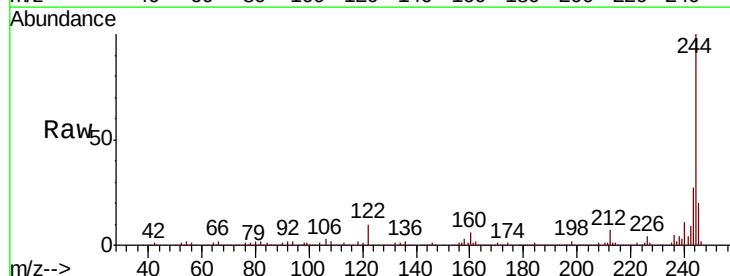
Instrument :
BNA_F
ClientSampleId :
PB132057BL

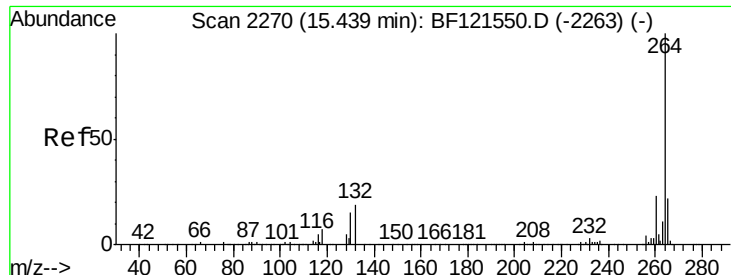
Tot Ion:240 Resp: 483510
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.4 20.9 31.3



#79
Terphenyl-d14
Concen: 66.178 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF121811.D
Acq: 5 Oct 2020 10:58

Tgt Ion:244 Resp: 1579419
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 9.7 8.1 12.1



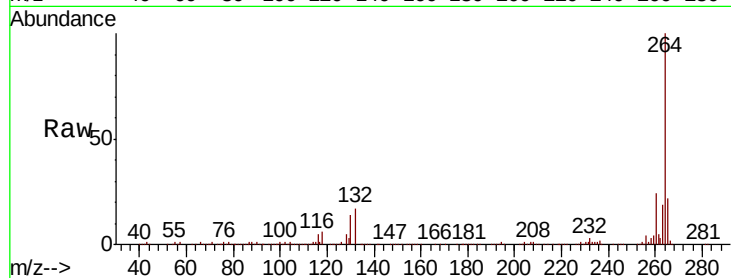


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF121811.D
Acq: 5 Oct 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB132057BL

Tot Ion:264 Resp: 459615

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.7	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

