

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100920\
 Data File : BF121902.D
 Acq On : 9 Oct 2020 12:47
 Operator : JU/CG
 Sample : PB132237BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132237BL

Quant Time: Oct 09 13:57:13 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

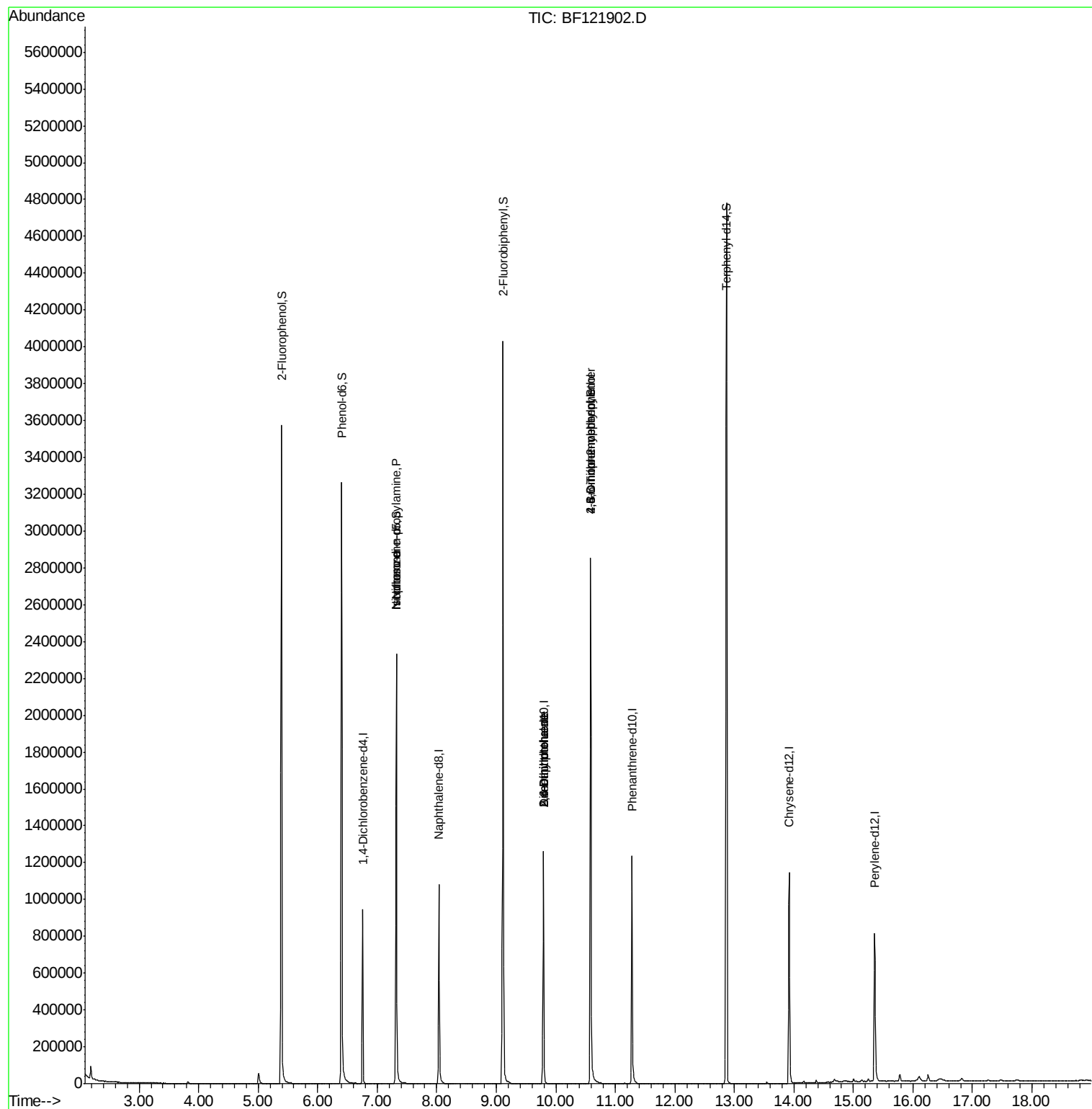
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	141615	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	554901	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	289741	20.00	ng	-0.02
64) Phenanthrene-d10	11.28	188	550577	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	468346	20.00	ng	-0.01
86) Perylene-d12	15.36	264	404333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1059302	111.16	ng	0.00
7) Phenol-d6	6.40	99	1364606	109.15	ng	-0.01
23) Nitrobenzene-d5	7.33	82	974524	94.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	437344	121.45	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1647394	86.11	ng	-0.02
79) Terphenyl-d14	12.87	244	1864881	80.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	130063	18.052	ng	# 77
25) Isophorone	7.33	82	974518	46.842	ng	# 67
50) Dimethylphthalate	9.79	163	55618	2.648	ng	# 1
51) 2,6-Dinitrotoluene	9.79	165	36783	8.225	ng	# 20
57) 2,4-Dinitrotoluene	9.79	165	36783	6.538	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	681	7.025	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	24804	3.957	ng	# 1

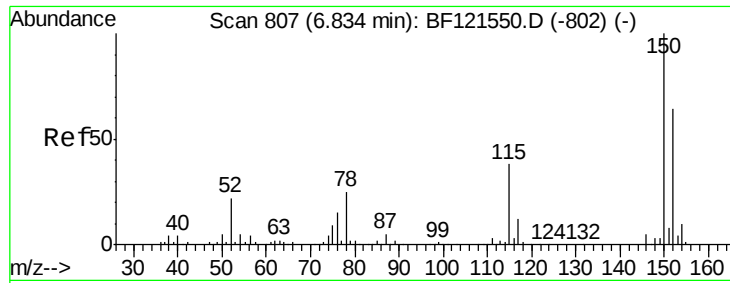
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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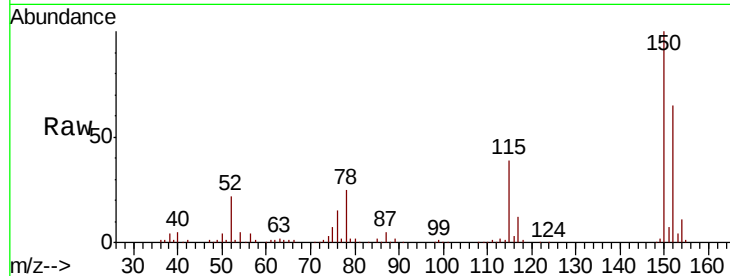


#1

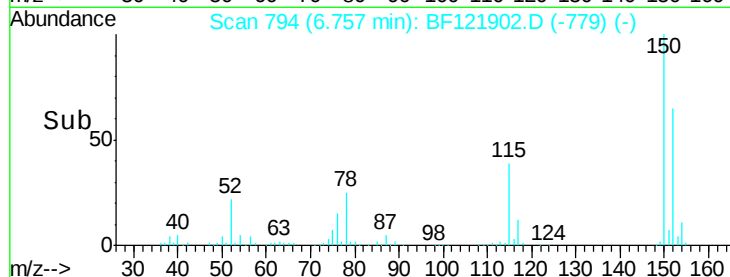
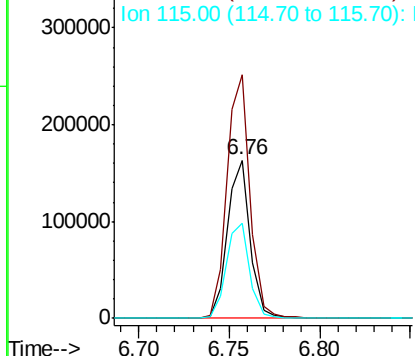
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121902.D
Acq: 9 Oct 2020 12:47

Instrument :
BNA_F
ClientSampleId :
PB132237BL

Tot Ion:152 Resp: 141615
Ion Ratio Lower Upper
152 100
150 154.1 125.3 187.9
115 60.6 51.9 77.9



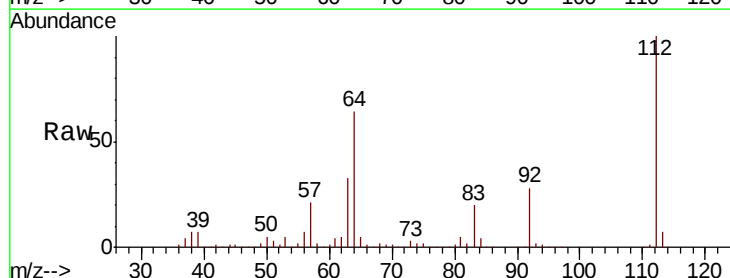
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



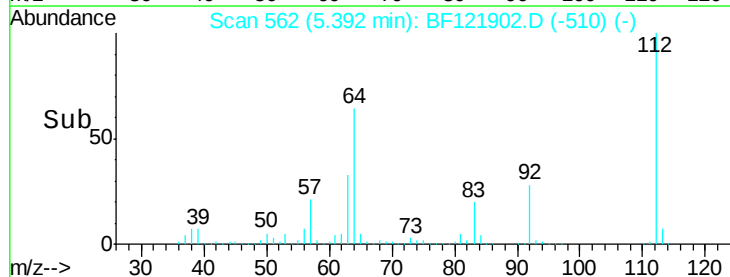
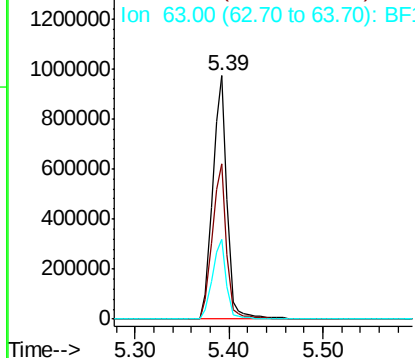
#5

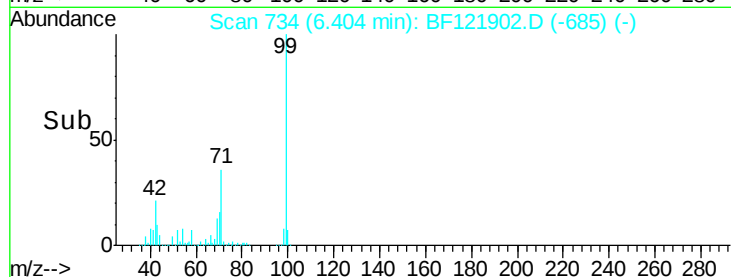
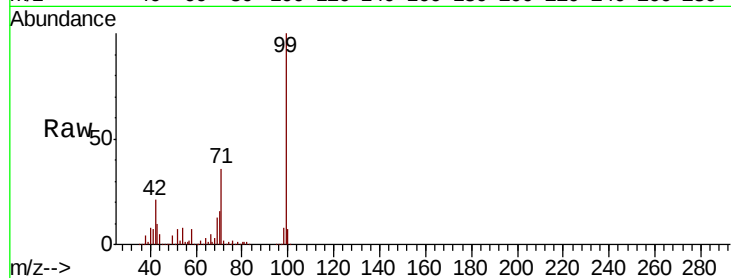
2-Fluorophenol
Concen: 111.164 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF121902.D
Acq: 9 Oct 2020 12:47

Tgt Ion:112 Resp: 1059302
Ion Ratio Lower Upper
112 100
64 64.0 50.4 75.6
63 32.8 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: 109.154 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121902.D

Acq: 9 Oct 2020 12:47

Instrument :

BNA_F

ClientSampleId :

PB132237BL

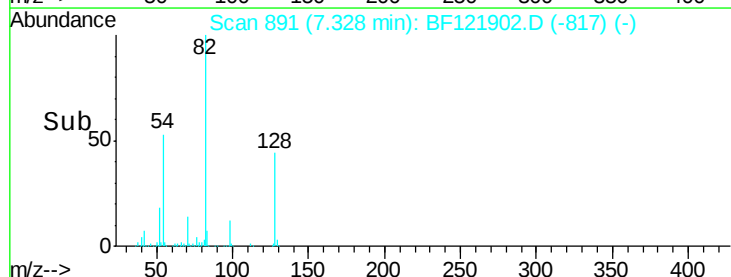
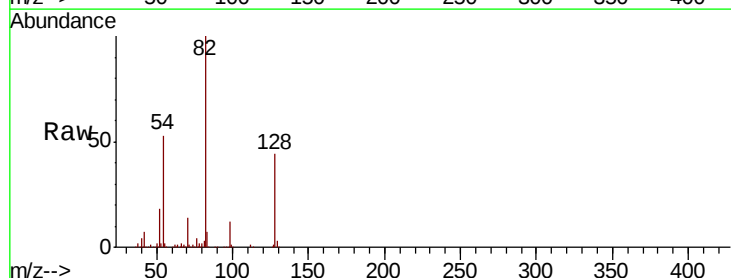
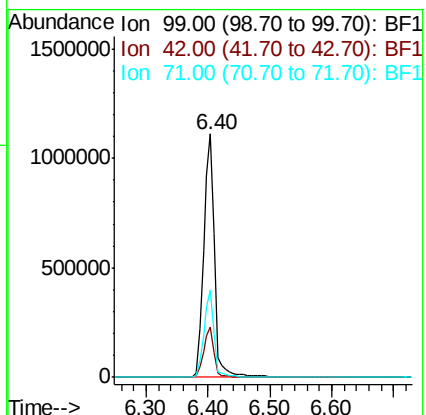
Tot Ion: 99 Resp: 1364606

Ion Ratio Lower Upper

99 100

42 20.8 15.9 23.9

71 36.1 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 18.052 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121902.D

Acq: 9 Oct 2020 12:47

Tgt Ion: 70 Resp: 130063

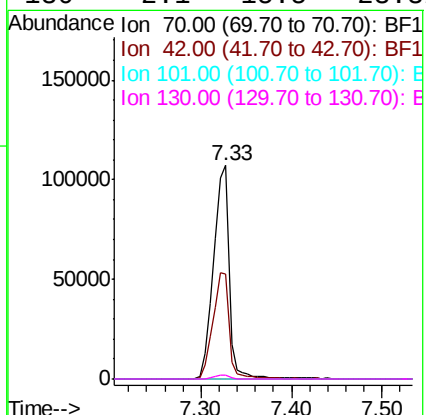
Ion Ratio Lower Upper

70 100

42 49.4 50.2 75.4#

101 0.0 7.5 11.3#

130 2.1 15.5 23.3#

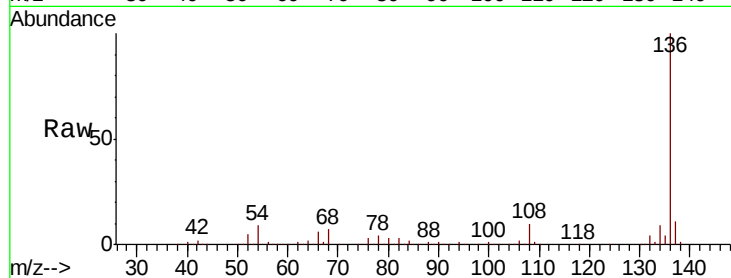




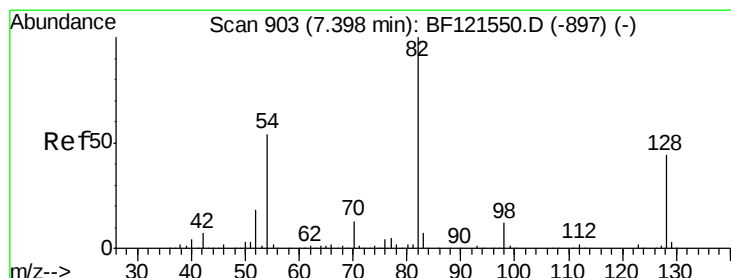
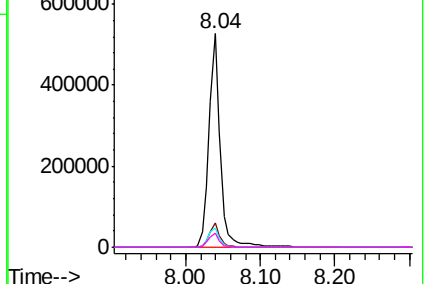
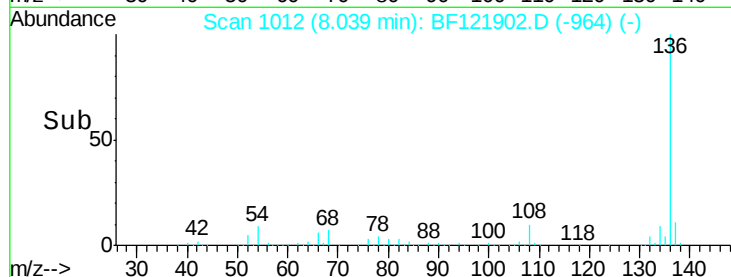
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF121902.D
Acq: 9 Oct 2020 12:47

Instrument :
BNA_F
ClientSampleId :
PB132237BL

Tot Ion:136	Resp:	554901
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 13.0
54	9.1	7.1 10.7
68	6.8	5.0 7.4

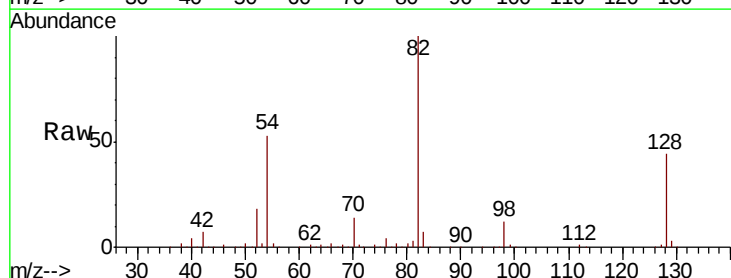


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

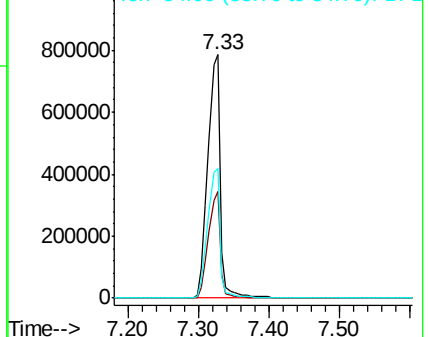
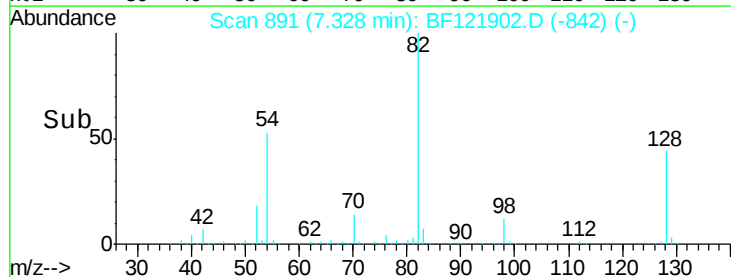


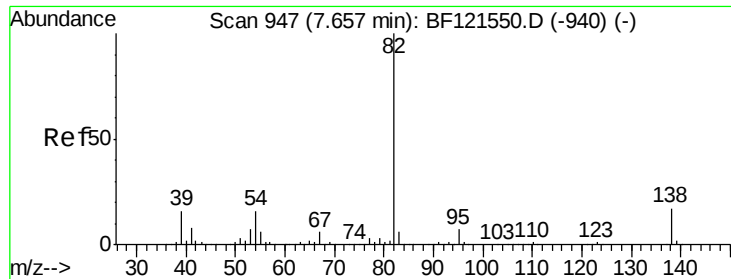
#23
Nitrobenzene-d5
Concen: 94.294 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121902.D
Acq: 9 Oct 2020 12:47

Tgt Ion: 82	Resp:	974524
Ion Ratio	Lower	Upper
82	100	
128	43.9	35.0 52.4
54	53.4	43.9 65.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.842 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF121902.D

Acq: 9 Oct 2020 12:47

Instrument :

BNA_F

ClientSampleId :

PB132237BL

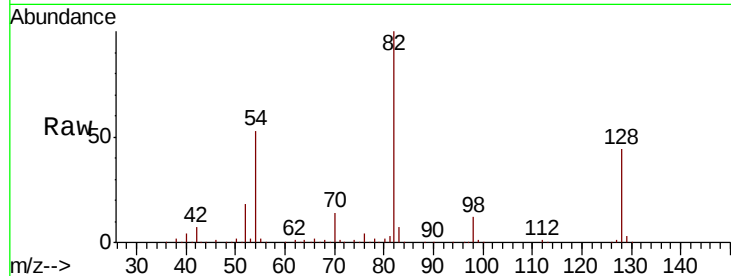
Tot Ion: 82 Resp: 974518

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

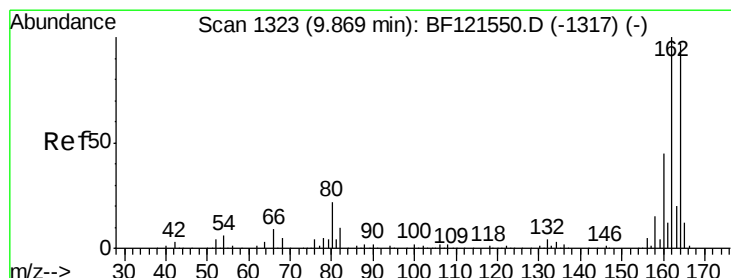
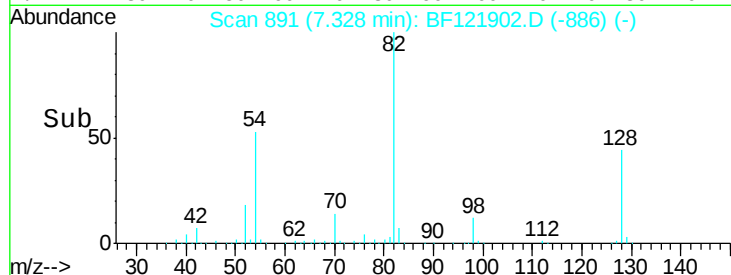
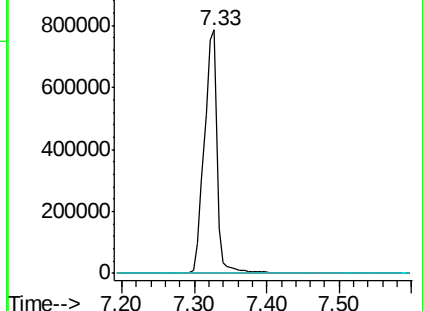
138 0.0 13.4 20.0#



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: 9.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF121902.D

Acq: 9 Oct 2020 12:47

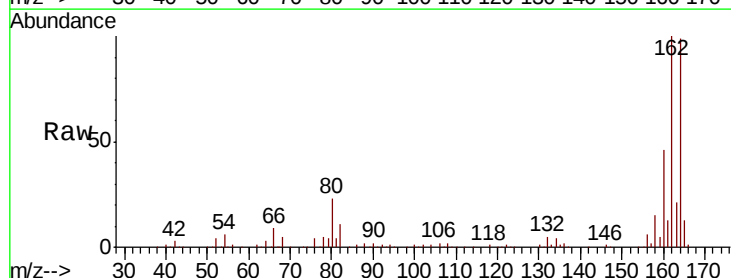
Tgt Ion: 164 Resp: 289741

Ion Ratio Lower Upper

164 100

162 101.1 83.2 124.8

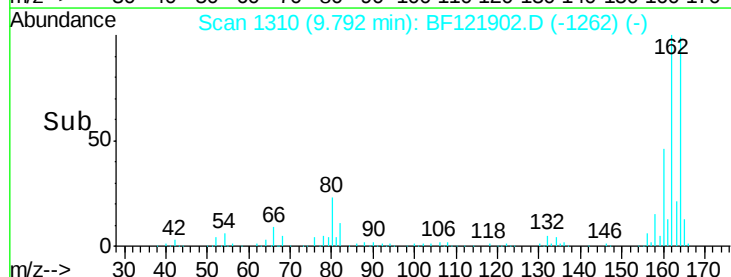
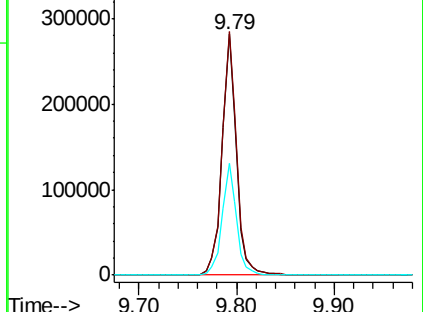
160 46.2 37.5 56.3

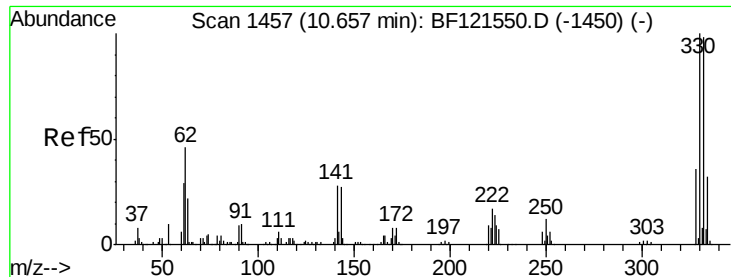


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

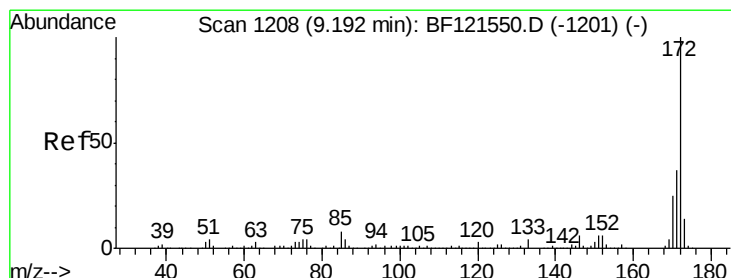
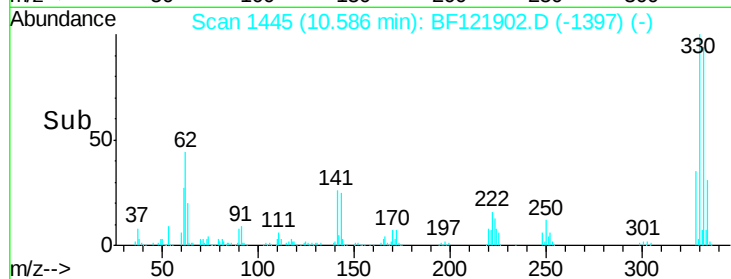
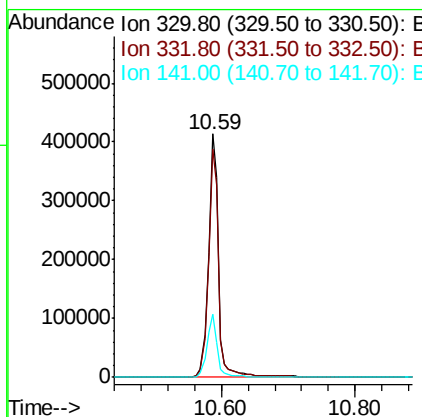
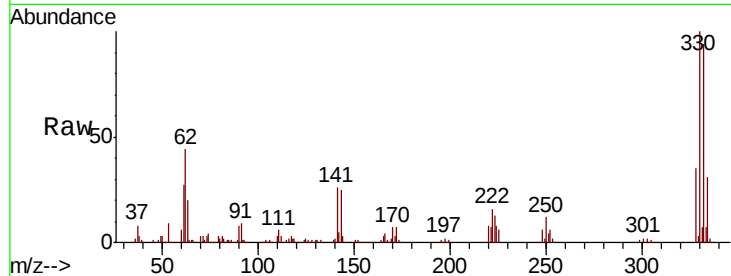




#42
 2,4,6-Tribromophenol
 Concen: 121.448 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121902.D
 Acq: 9 Oct 2020 12:47

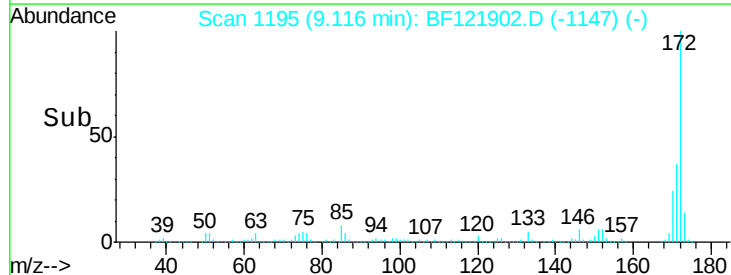
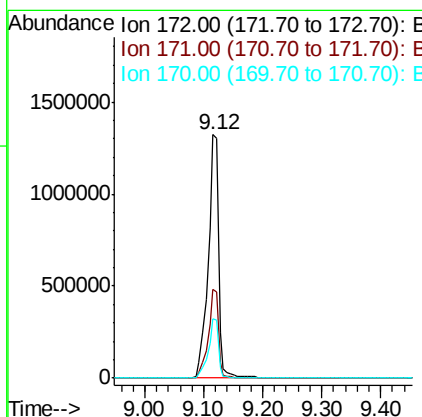
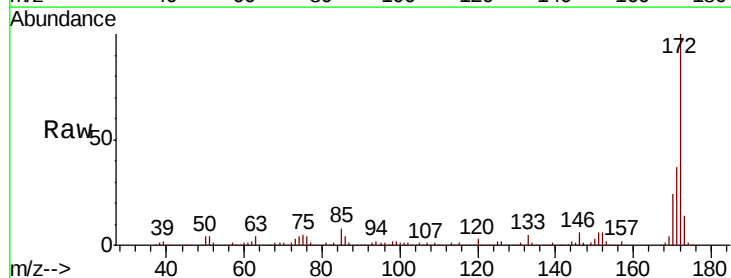
Instrument :
 BNA_F
 ClientSampleId :
 PB132237BL

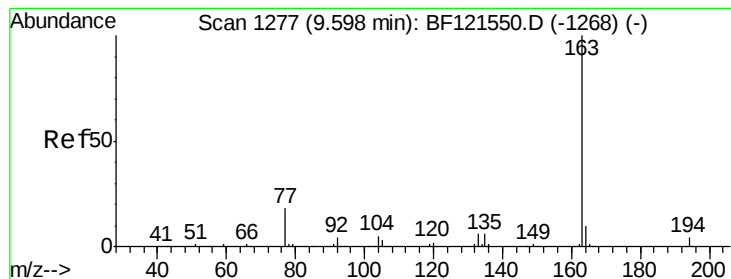
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	26.5	22.3	33.5



#45
 2-Fluorobiphenyl
 Concen: 86.112 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF121902.D
 Acq: 9 Oct 2020 12:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	24.4	19.8	29.6





#50

Dimethylphthalate

Concen: 2.648 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.25 min

Lab File: BF121902.D

Acq: 9 Oct 2020 12:47

Instrument :

BNA_F

ClientSampleId :

PB132237BL

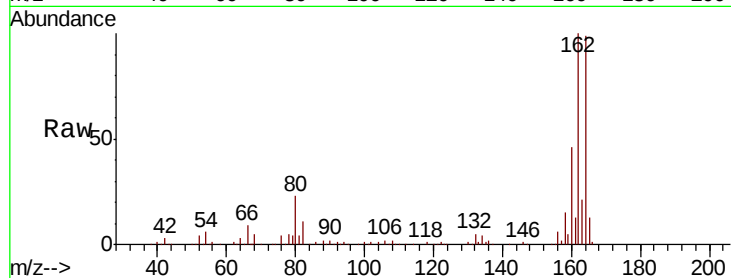
Tot Ion:163 Resp: 55618

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

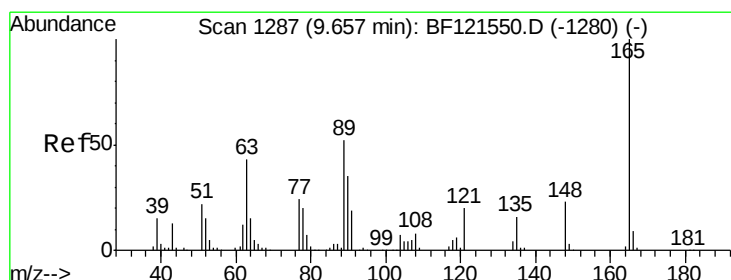
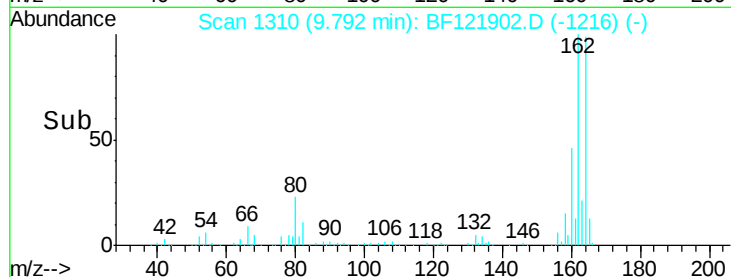
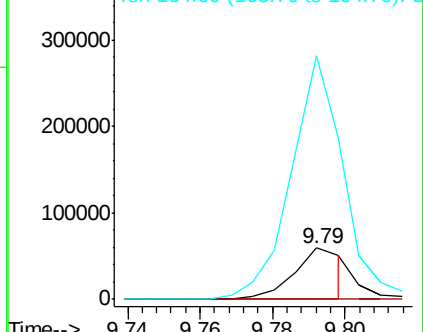
164 477.1 8.2 12.4#



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: 8.225 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.19 min

Lab File: BF121902.D

Acq: 9 Oct 2020 12:47

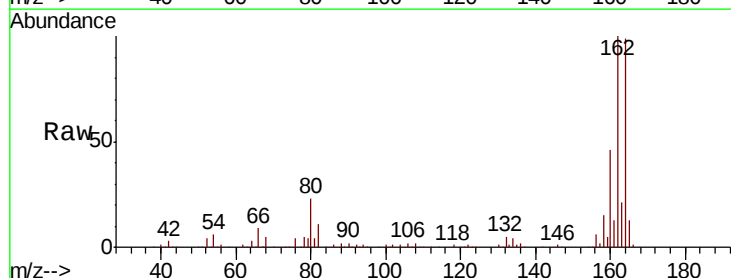
Tgt Ion:165 Resp: 36783

Ion Ratio Lower Upper

165 100

63 1.2 51.8 77.6#

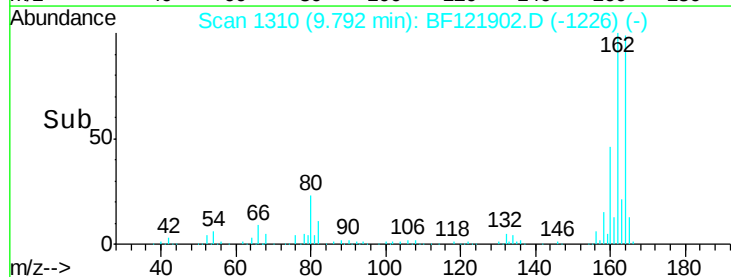
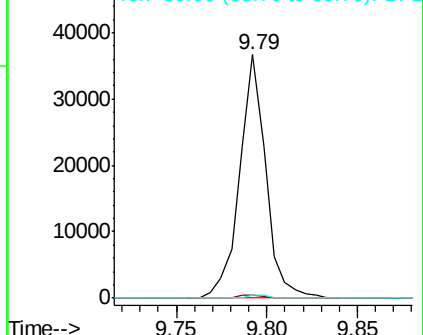
89 1.4 49.0 73.6#



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

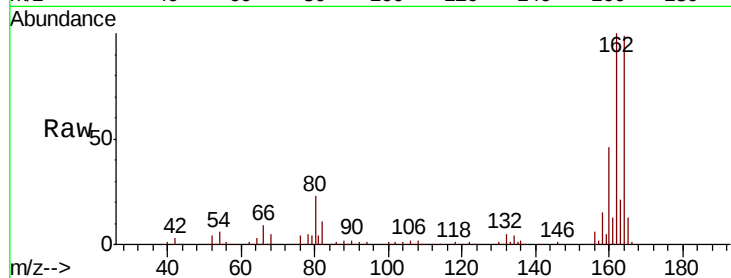




#57
 2,4-Dinitrotoluene
 Concen: 6.538 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.21 min
 Lab File: BF121902.D
 Acq: 9 Oct 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB132237BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.3	61.9#
89	1.4	61.8	92.8#
182	0.0	2.1	3.1#

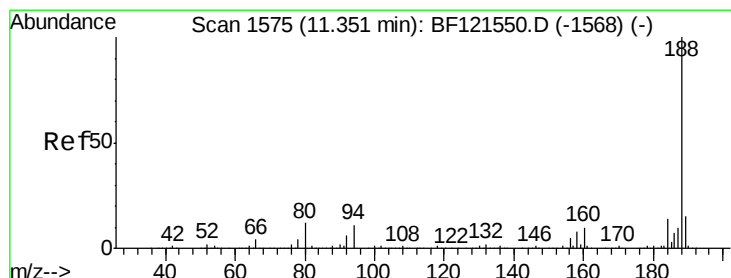
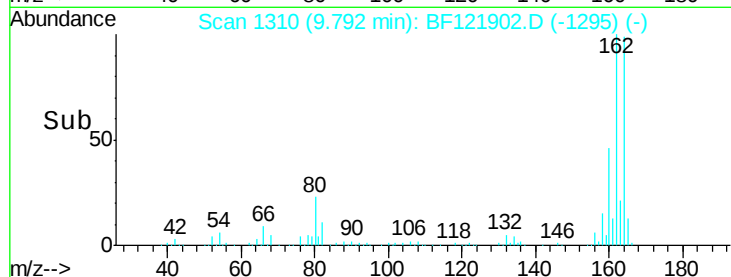
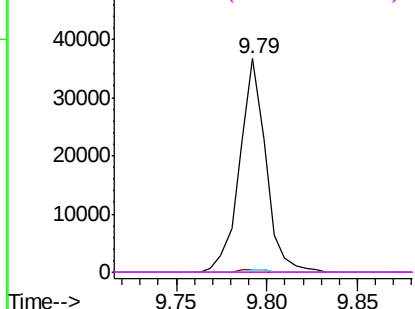


Abundance Ion 165.00 (164.70 to 165.70): E

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



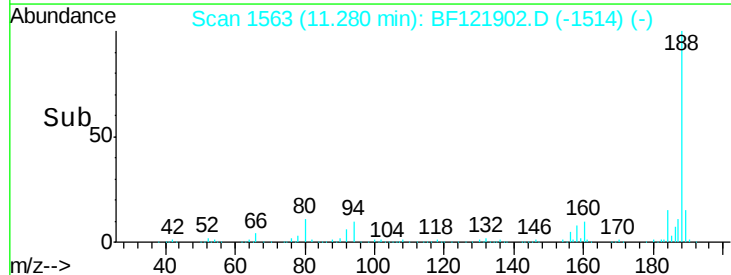
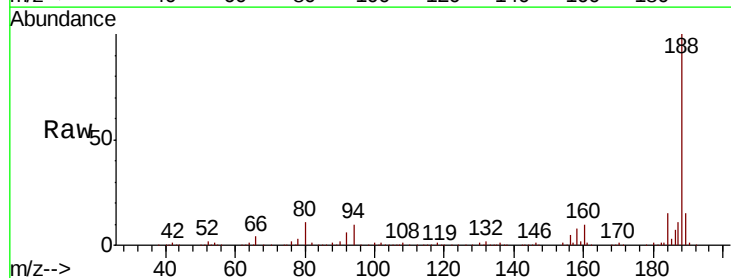
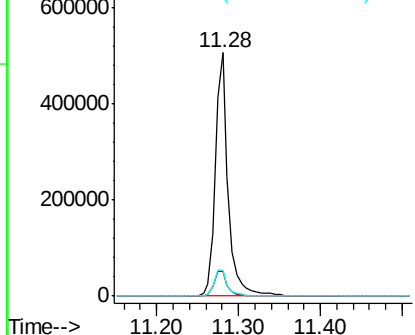
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF121902.D
 Acq: 9 Oct 2020 12:47

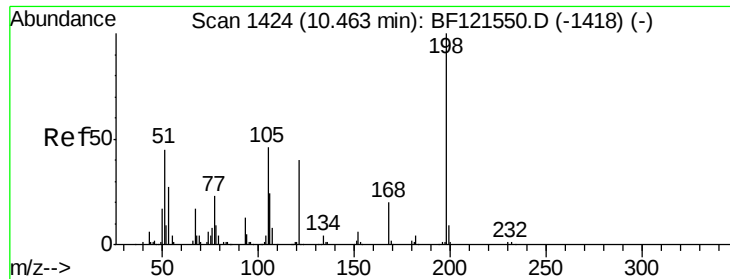
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	10.9	9.1	13.7

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: 7.025 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.17 min

Lab File: BF121902.D

Acq: 9 Oct 2020 12:47

Instrument :

BNA_F

ClientSampleId :

PB132237BL

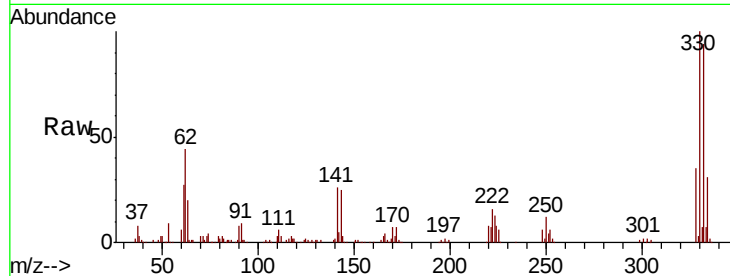
Tot Ion:198 Resp: 681

Ion Ratio Lower Upper

198 100

51 179.5 29.6 69.6#

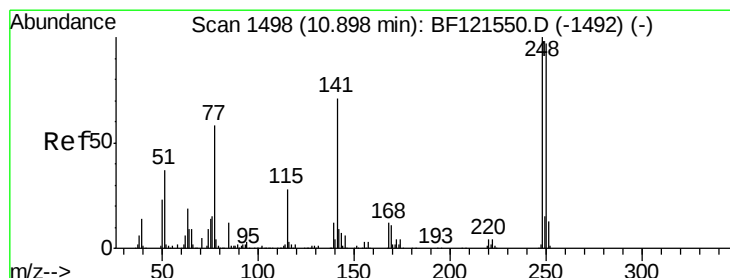
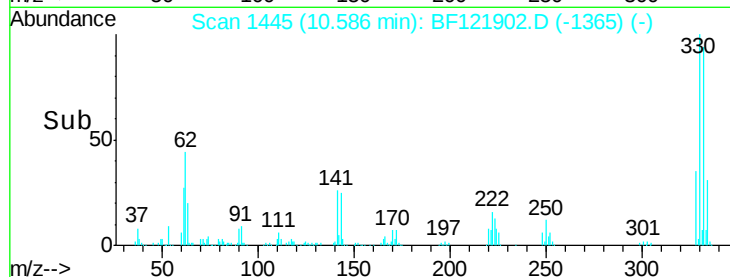
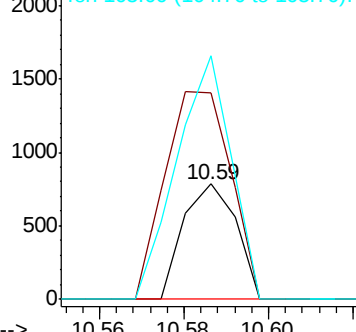
105 211.4 24.4 64.4#



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: 3.957 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.25 min

Lab File: BF121902.D

Acq: 9 Oct 2020 12:47

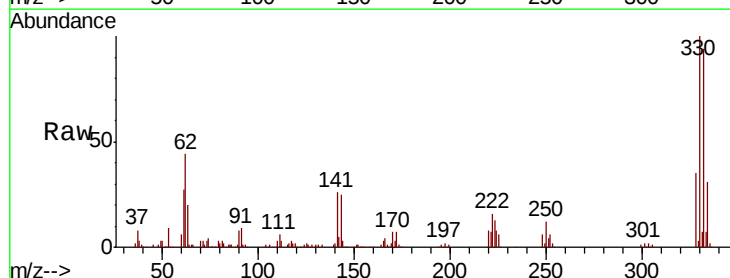
Tgt Ion:248 Resp: 24804

Ion Ratio Lower Upper

248 100

250 198.5 77.0 115.6#

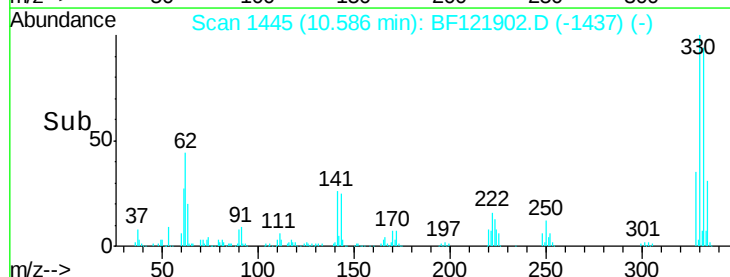
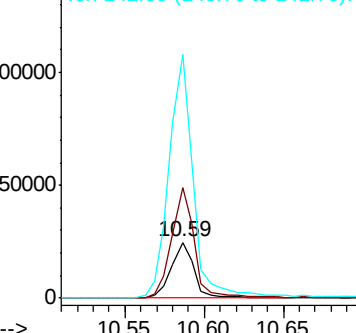
141 436.4 53.7 80.5#

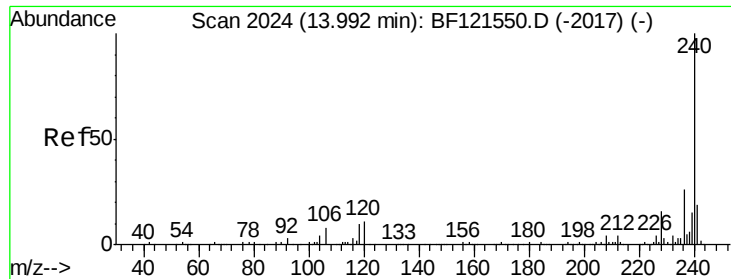


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

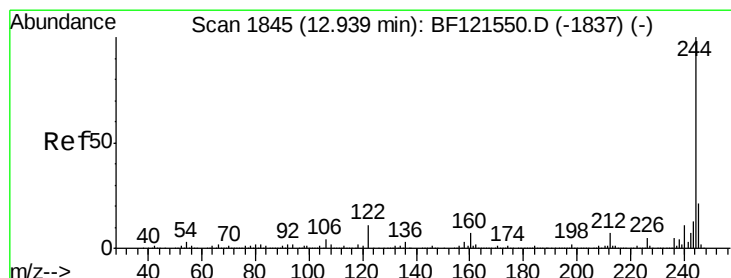
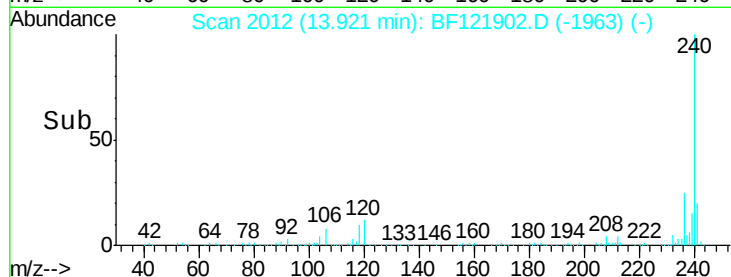
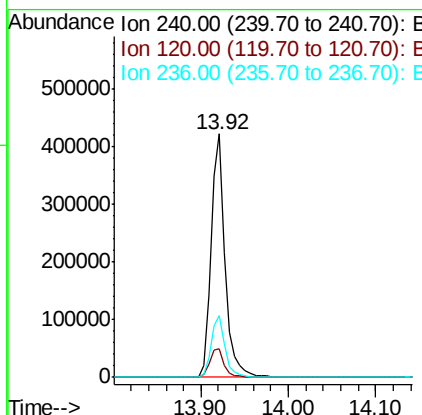
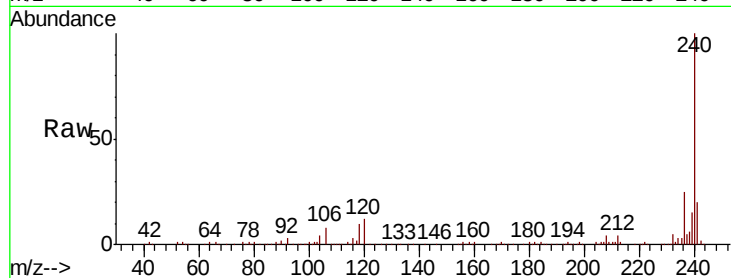




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF121902.D
 Acq: 9 Oct 2020 12:47

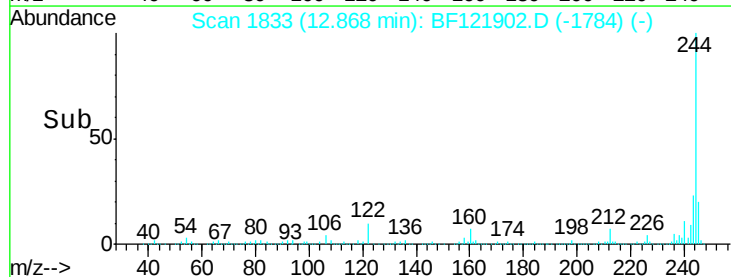
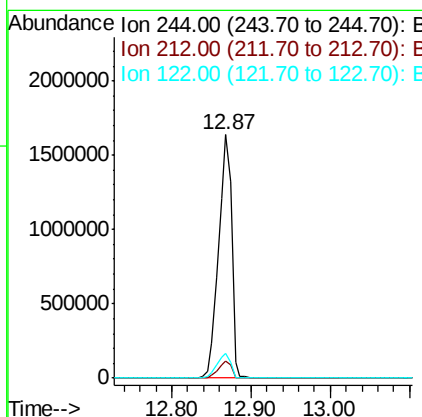
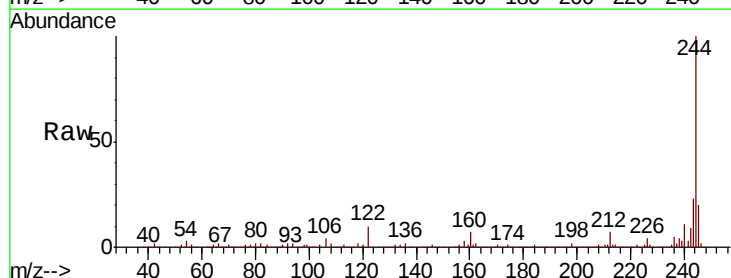
Instrument :
 BNA_F
 ClientSampleId :
 PB132237BL

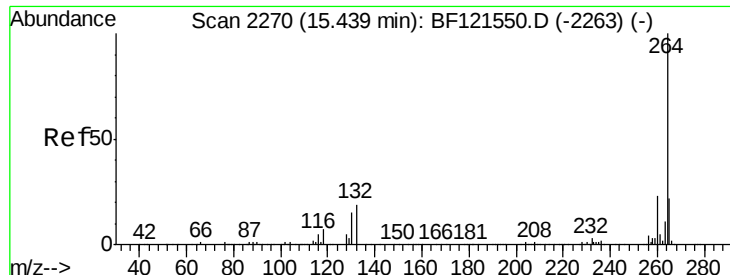
Tot Ion:240 Resp: 468346
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.2 13.8
 236 25.4 20.9 31.3



#79
 Terphenyl-d14
 Concen: 80.668 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121902.D
 Acq: 9 Oct 2020 12:47

Tgt Ion:244 Resp: 1864881
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.1 8.1 12.1

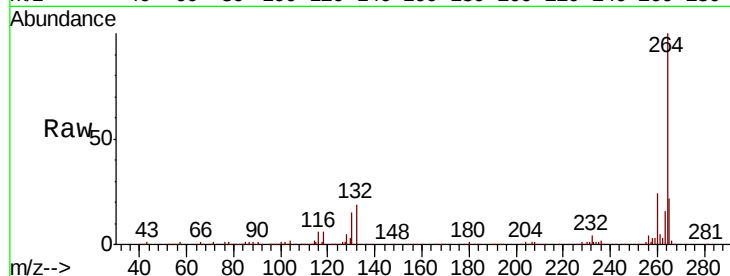




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121902.D
Acq: 9 Oct 2020 12:47

Instrument :
BNA_F
ClientSampleId :
PB132237BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.6	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

