

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121369.D
 Acq On : 21 Aug 2020 16:03
 Operator : JU/CG
 Sample : PB131130BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BL

Quant Time: Aug 21 17:01:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

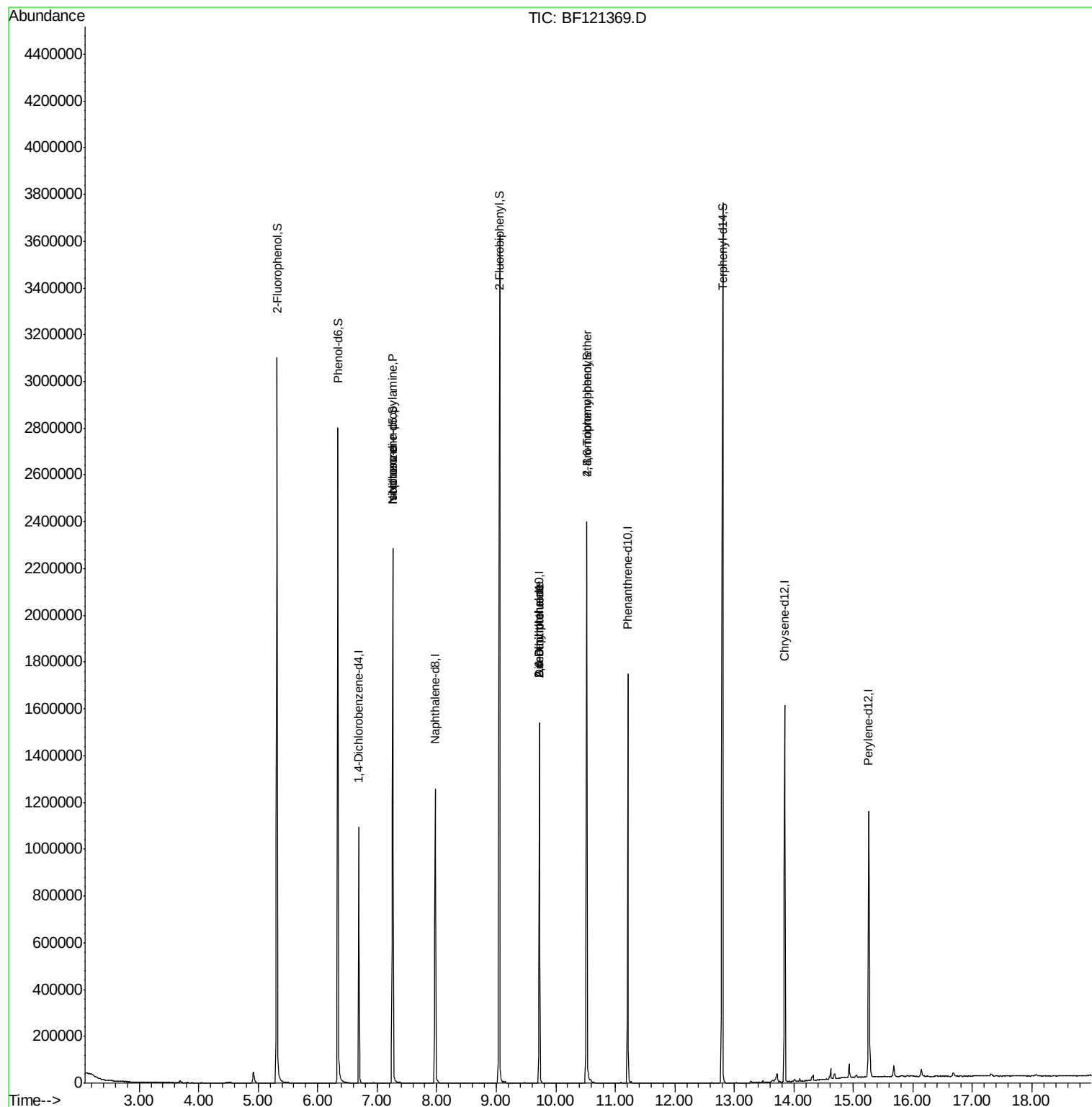
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	158367	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	627282	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	326724	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	639287	20.00	ng	0.00
76) Chrysene-d12	13.84	240	547872	20.00	ng	0.00
86) Perylene-d12	15.26	264	531090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1062803	110.04	ng	0.02
7) Phenol-d6	6.34	99	1303366	105.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	887710	80.04	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	394221	103.54	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1517376	89.90	ng	0.00
79) Terphenyl-d14	12.80	244	1591574	56.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	116044	17.501	ng	# 78
25) Isophorone	7.26	82	881997	43.697	ng	# 65
50) Dimethylphthalate	9.73	163	71069	2.990	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	41563	8.187	ng	# 29
57) 2,4-Dinitrotoluene	9.73	165	41563	6.711	ng	# 25
58) Fluorene	10.52	166	14732	Below Cal		# 94
67) 4-Bromophenyl-phenylether	10.52	248	22526	3.177	ng	# 1

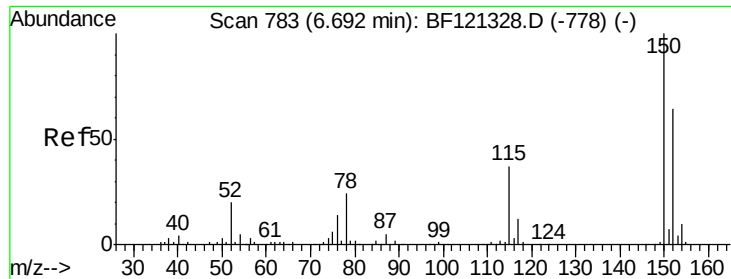
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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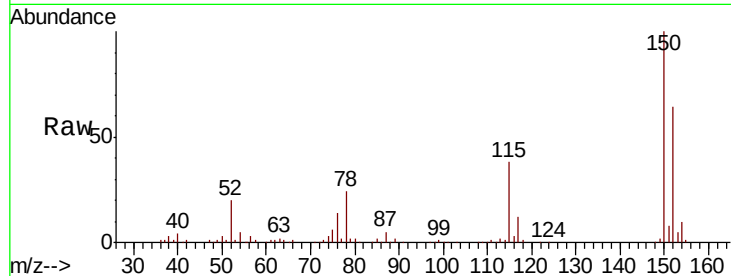


#1

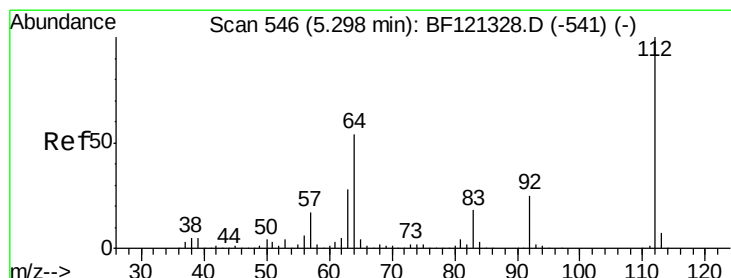
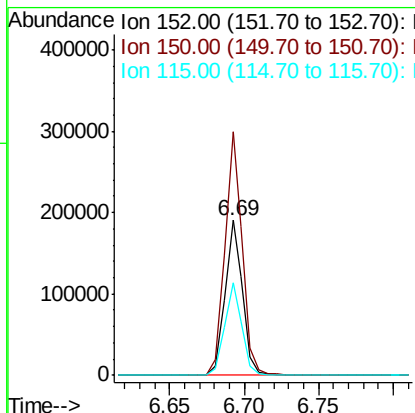
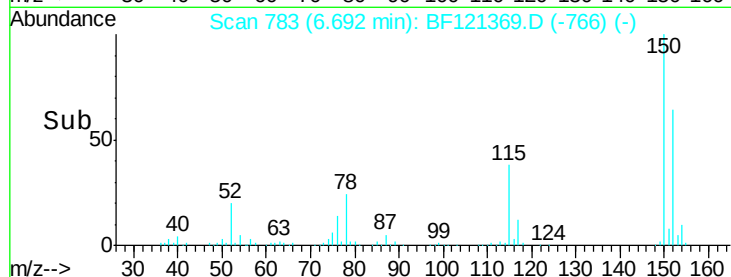
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BL

Tot Ion:152 Resp: 158367
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.8 187.2
 115 59.8 46.1 69.1



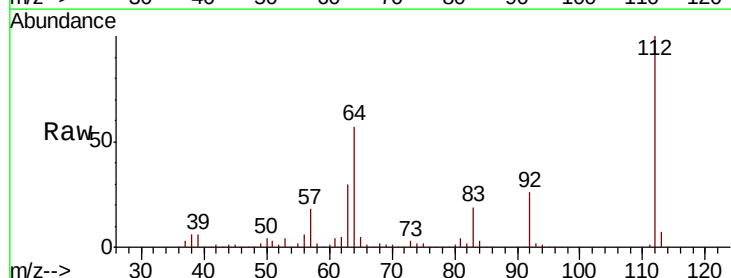
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



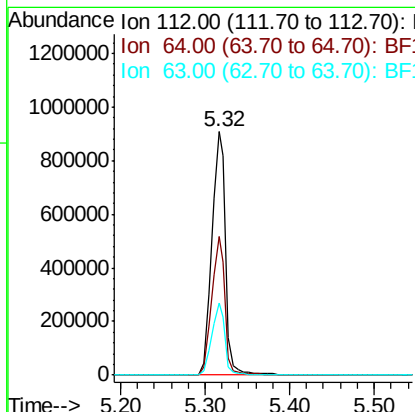
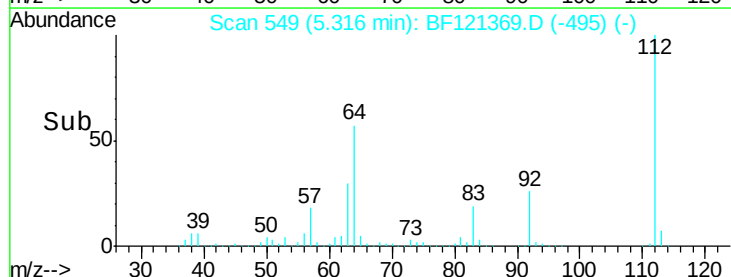
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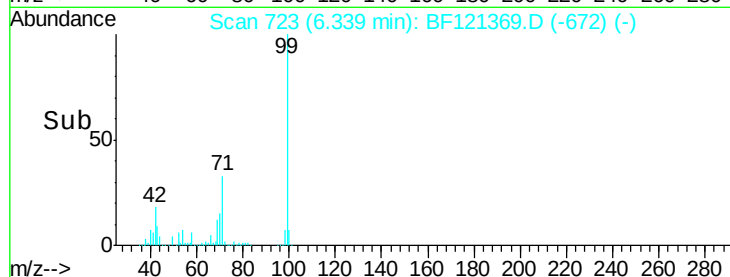
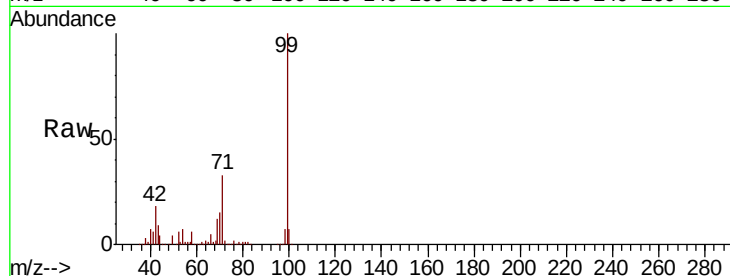
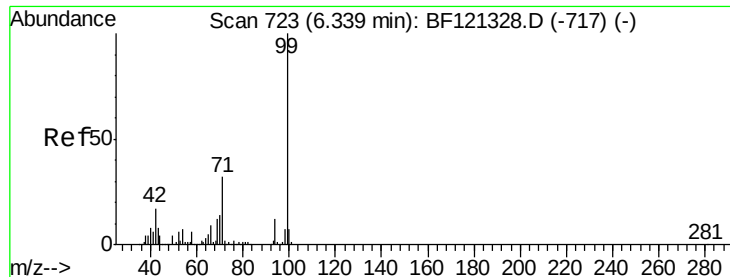
2-Fluorophenol
 Concen: 110.043 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.02 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

Tgt Ion:112 Resp: 1062803
 Ion Ratio Lower Upper
 112 100
 64 57.1 43.5 65.3
 63 29.6 22.0 33.0



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: 105.712 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB131130BL

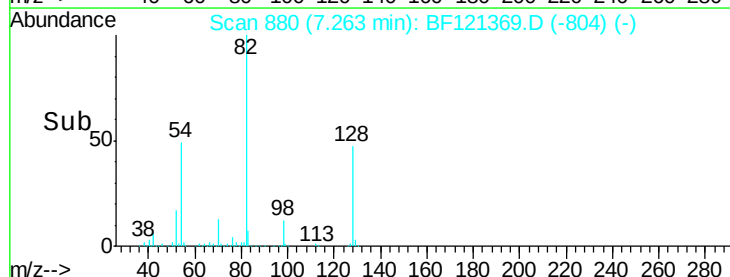
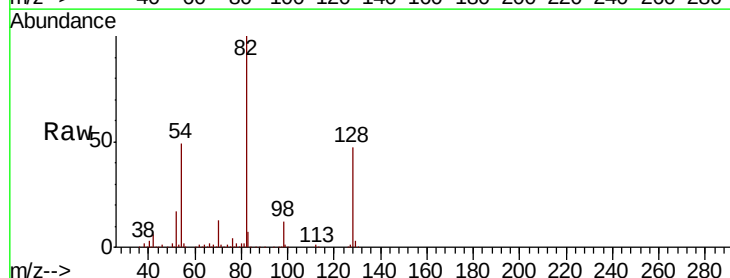
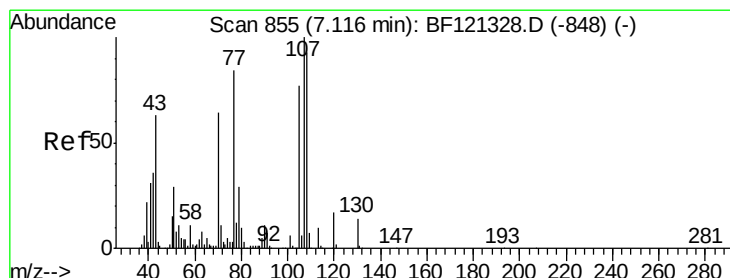
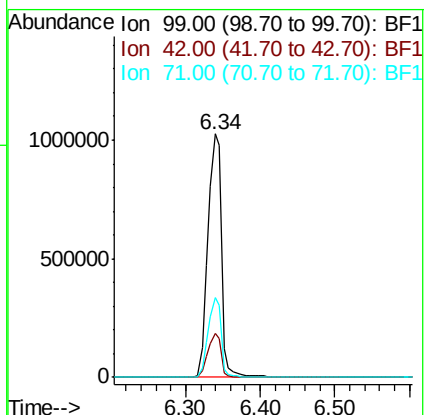
Tot Ion: 99 Resp: 1303366

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

71 32.9 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 17.501 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.15 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

Tgt Ion: 70 Resp: 116044

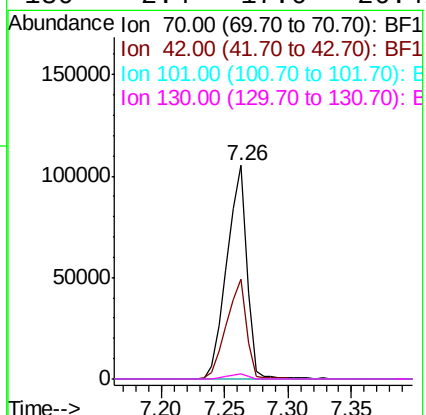
Ion Ratio Lower Upper

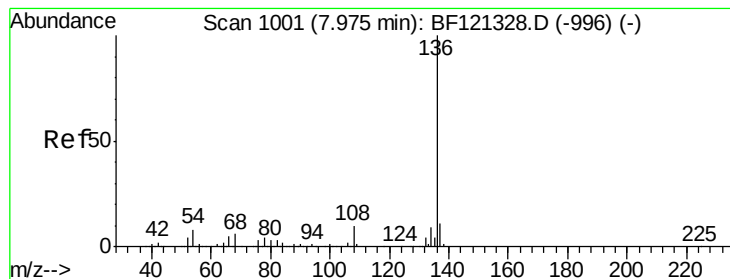
70 100

42 46.6 45.2 67.8

101 0.0 7.7 11.5#

130 2.4 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB131130BL

Tot Ion:136 Resp: 627282

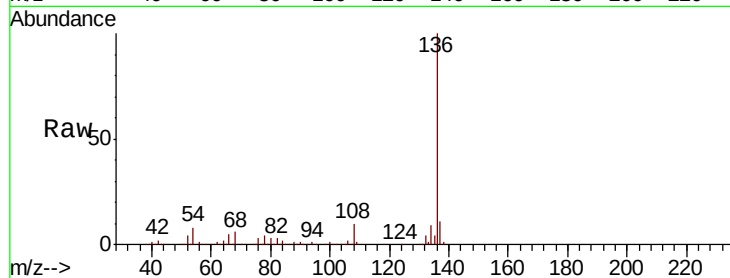
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.1 9.1

68 6.2 5.0 7.4

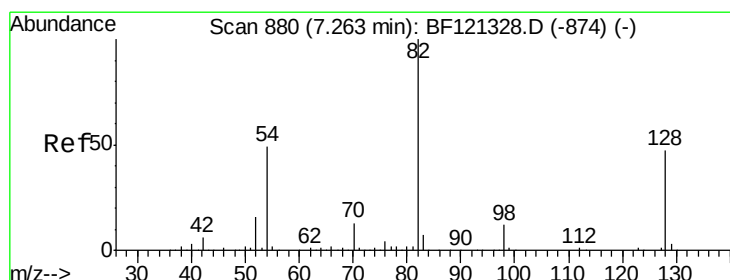
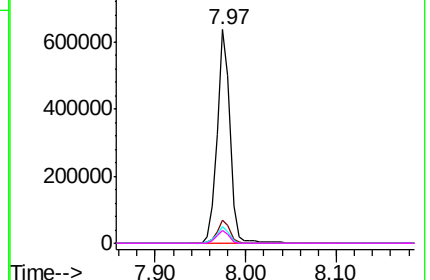
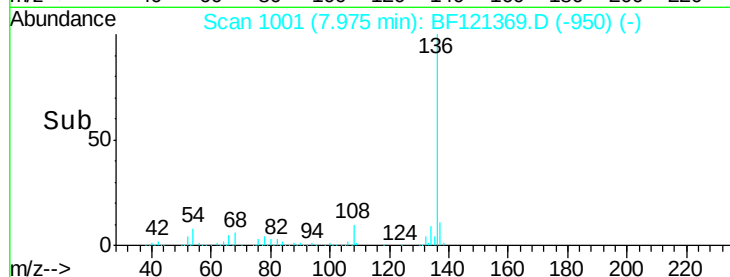


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.037 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

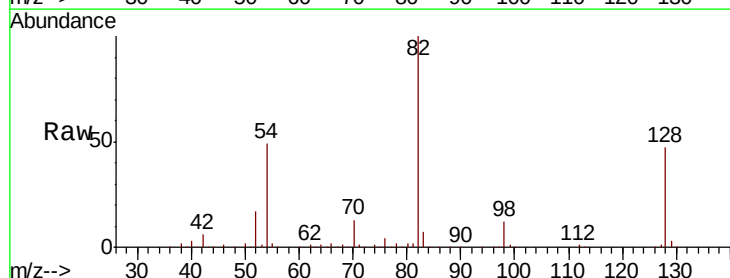
Tgt Ion: 82 Resp: 887710

Ion Ratio Lower Upper

82 100

128 47.0 37.9 56.9

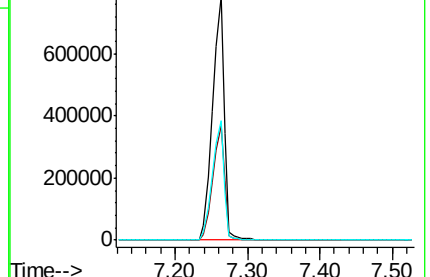
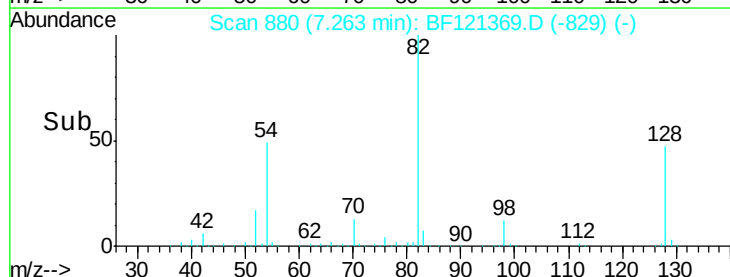
54 49.2 39.0 58.4

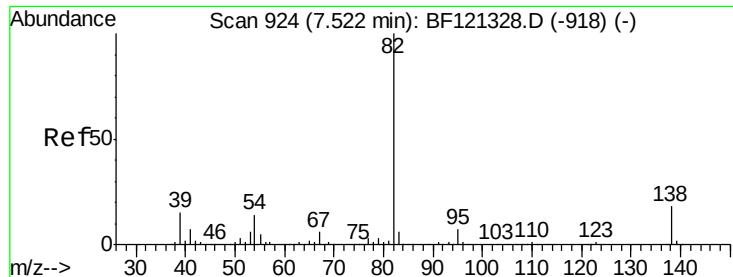


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

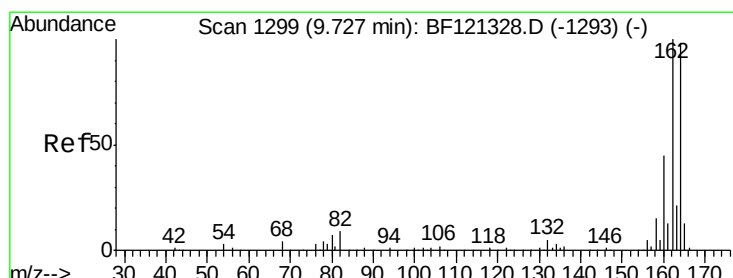
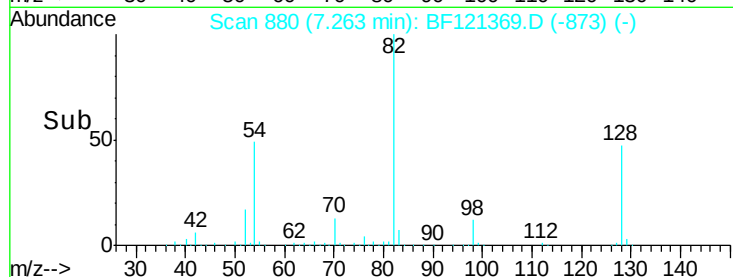
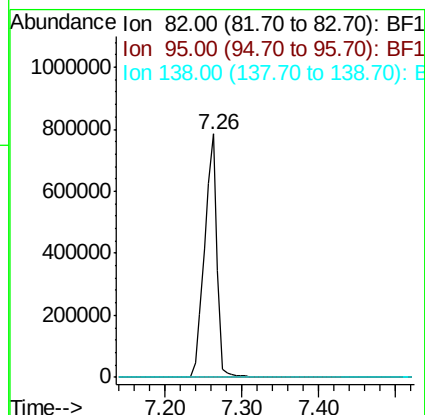
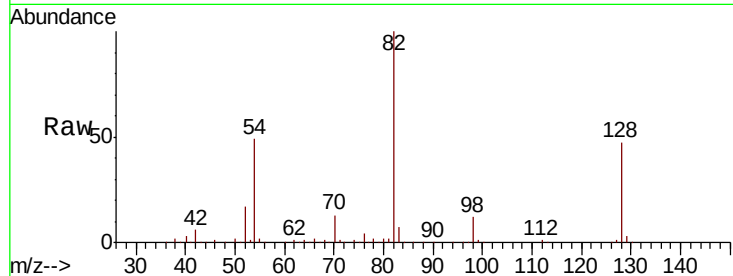




#25
Isophorone
Concen: 43.697 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

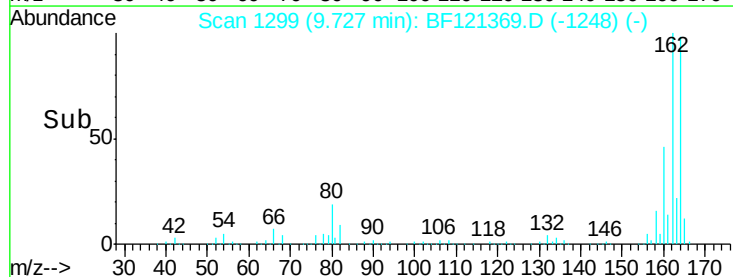
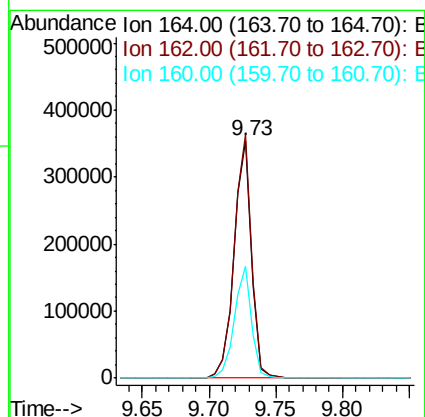
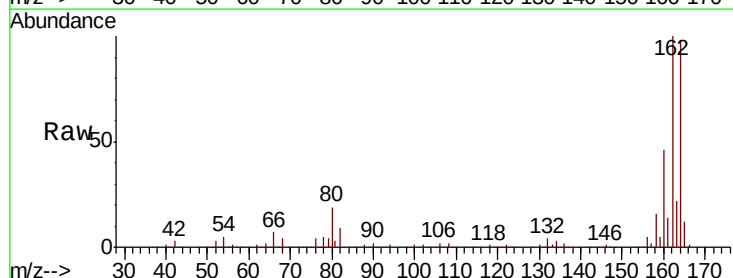
Instrument :
BNA_F
ClientSampleId :
PB131130BL

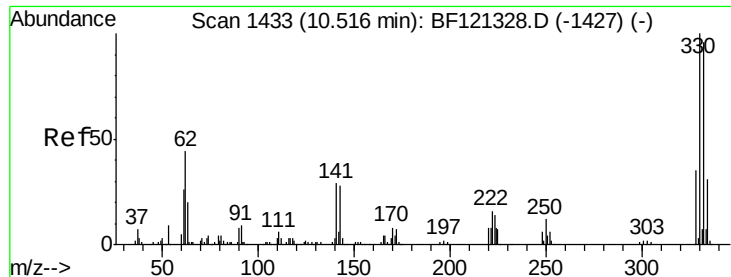
Tot Ion: 82 Resp: 881997
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

Tgt Ion: 164 Resp: 326724
Ion Ratio Lower Upper
164 100
162 102.4 81.7 122.5
160 46.8 37.0 55.4

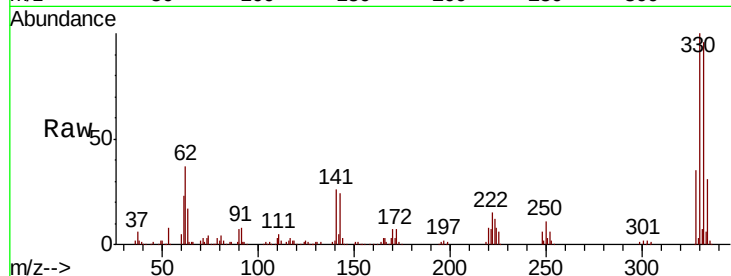




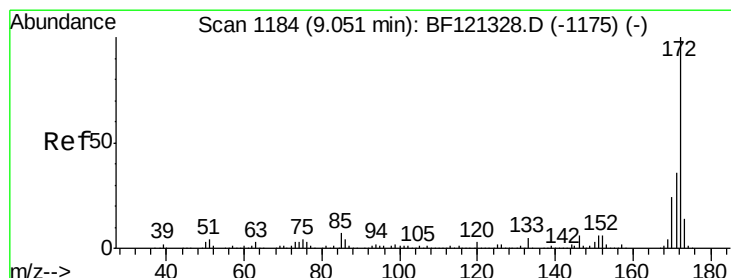
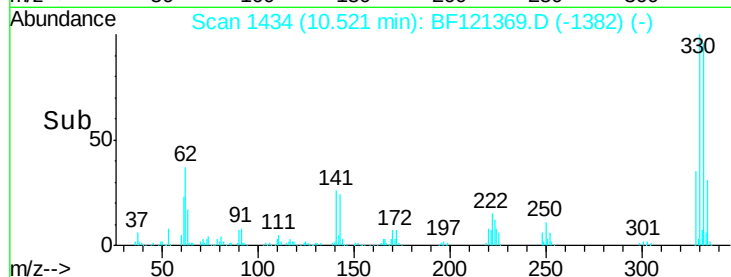
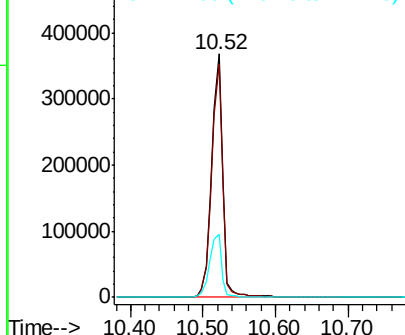
#42
 2,4,6-Tribromophenol
 Concen: 103.542 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BL

Tot Ion:330 Resp: 394221
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.9 115.3
 141 28.3 22.8 34.2

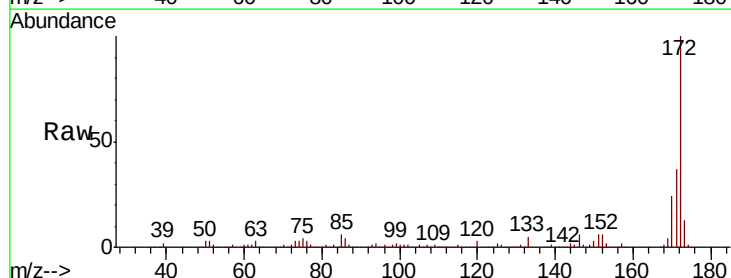


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

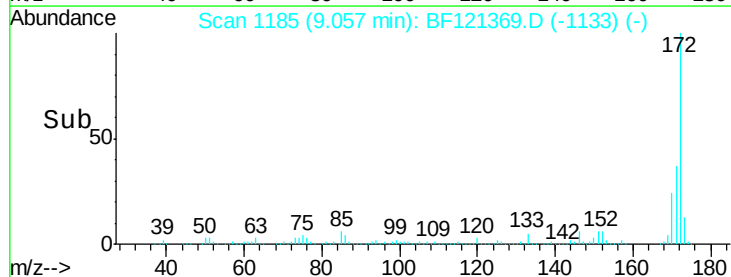
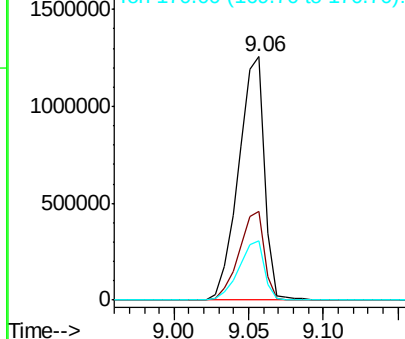


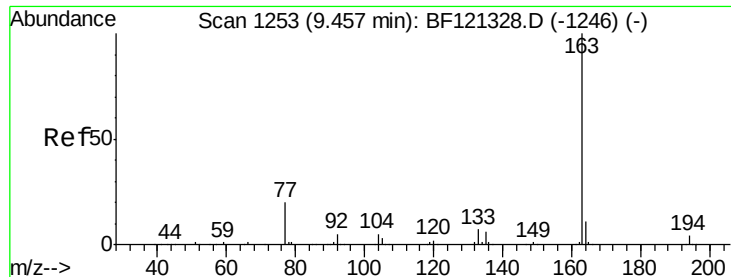
#45
 2-Fluorobiphenyl
 Concen: 89.900 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

Tgt Ion:172 Resp: 1517376
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.4 19.4 29.2



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

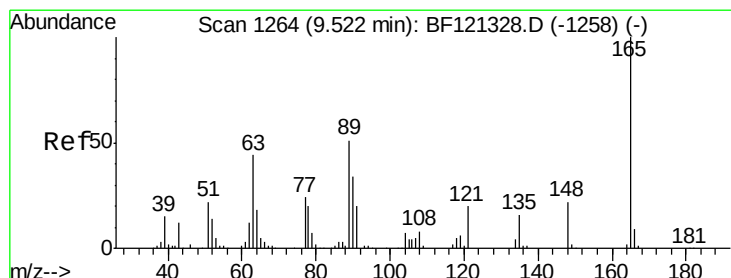
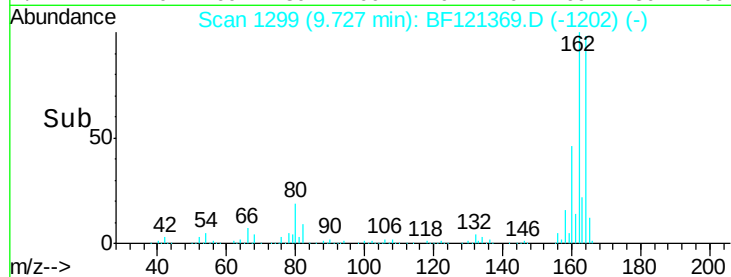
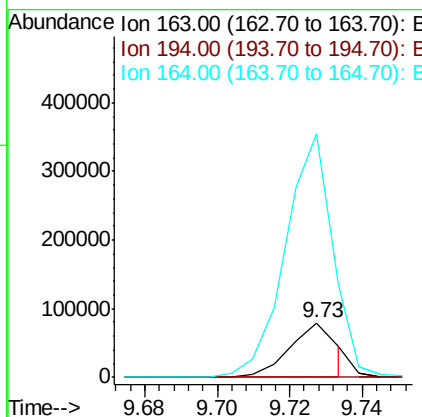
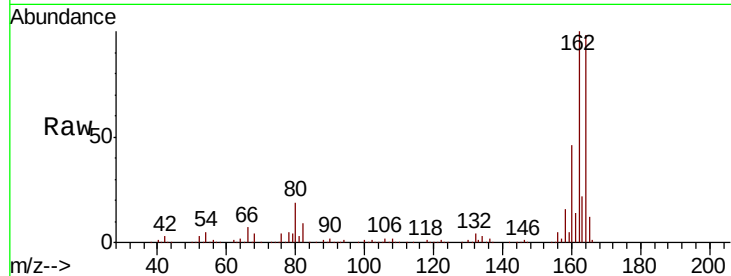




#50
 Dimethylphthalate
 Concen: 2.990 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.27 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

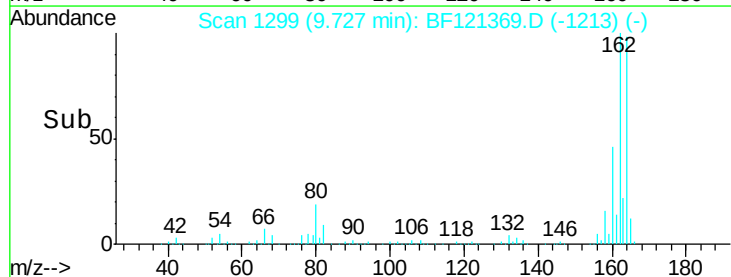
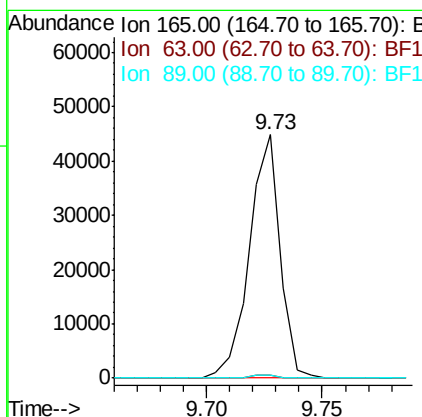
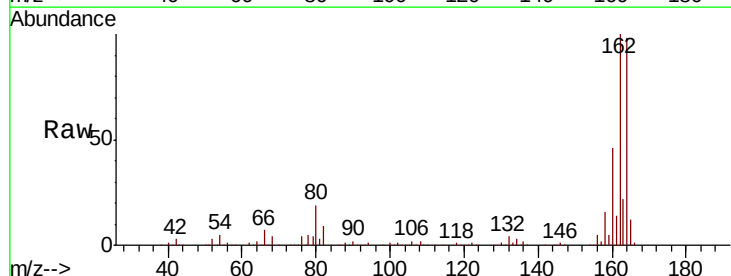
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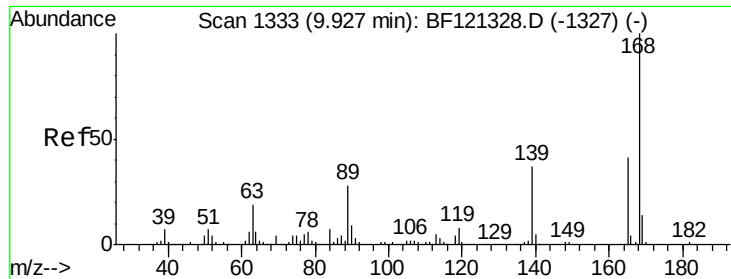
Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	447.8	8.4	12.6#



#51
 2,6-Dinitrotoluene
 Concen: 8.187 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.21 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.5	57.7#
89	1.3	41.2	61.8#

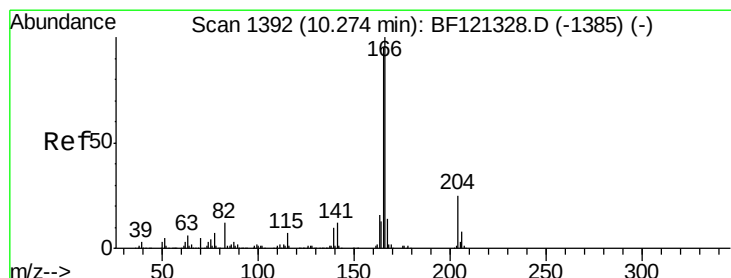
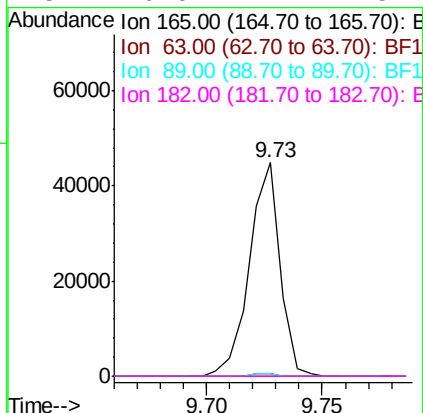
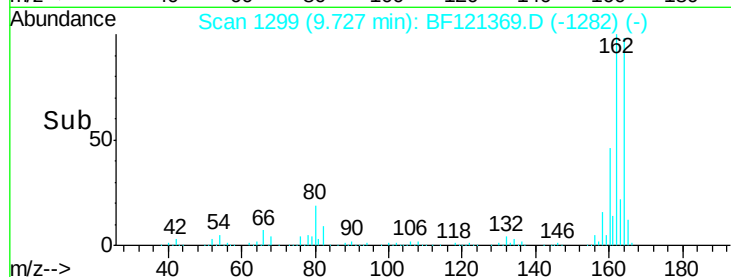
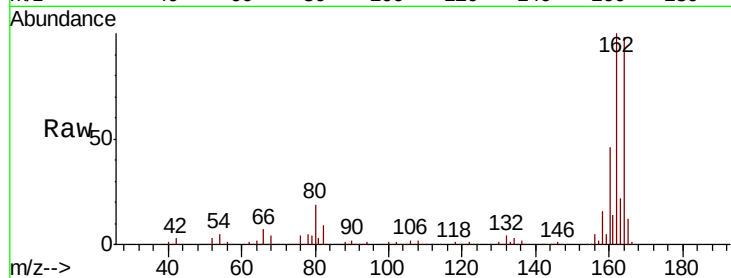




#57
 2,4-Dinitrotoluene
 Concen: 6.711 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

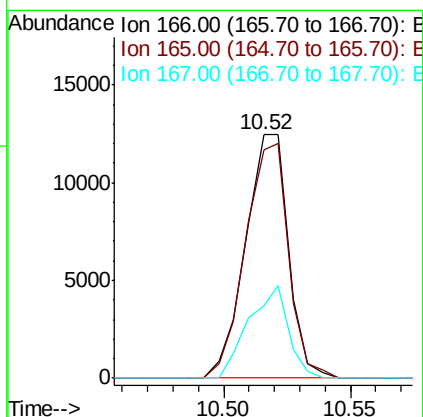
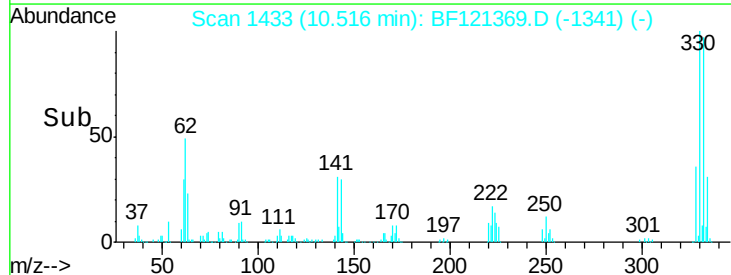
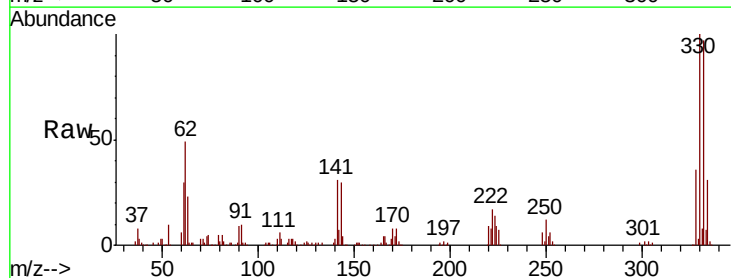
Instrument :
 BNA_F
 ClientSampleId :
 PB131130BL

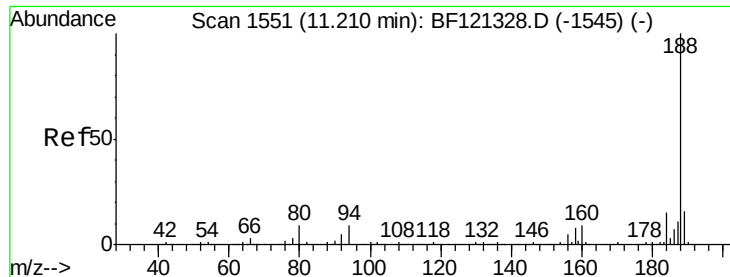
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.3	54.2	81.4#
182	0.0	2.2	3.4#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.24 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	75.8	113.8
167	29.8	11.0	16.4#

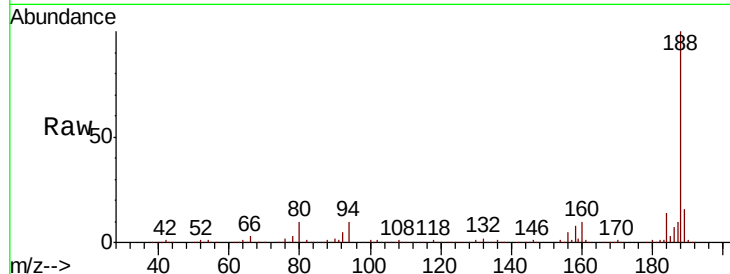




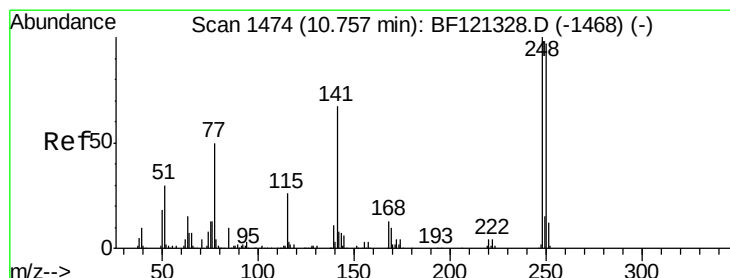
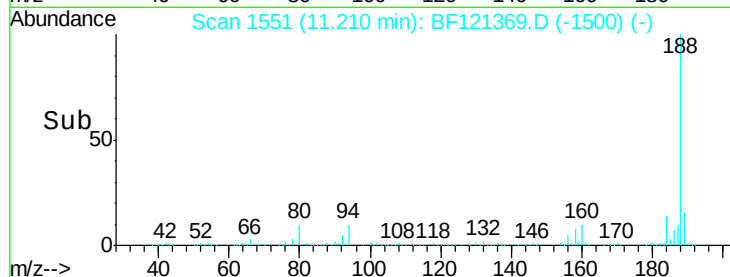
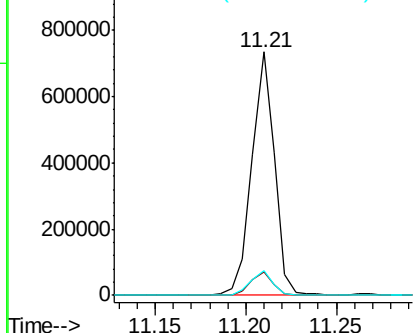
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BL

Tot Ion:188 Resp: 639287
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.2 10.8
 80 10.0 7.4 11.0

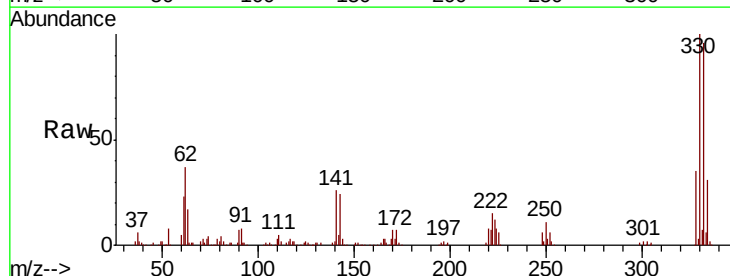


Abundance Ion 188.00 (187.70 to 188.70): E
 1000000 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

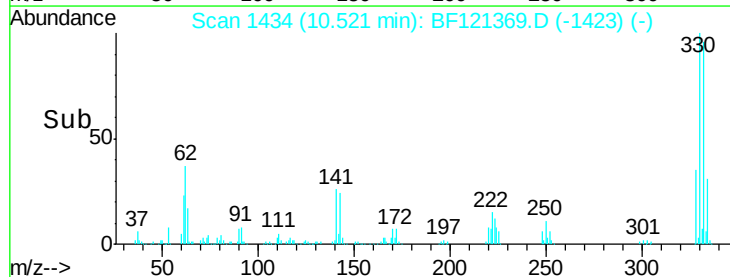
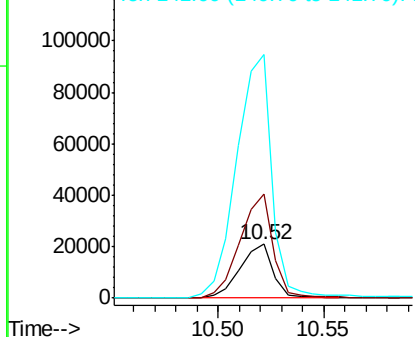


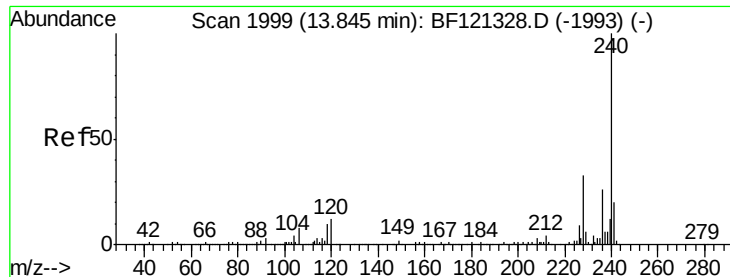
#67
 4-Bromophenyl-phenylether
 Concen: 3.177 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

Tgt Ion:248 Resp: 22526
 Ion Ratio Lower Upper
 248 100
 250 192.5 77.9 116.9#
 141 452.5 53.5 80.3#



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

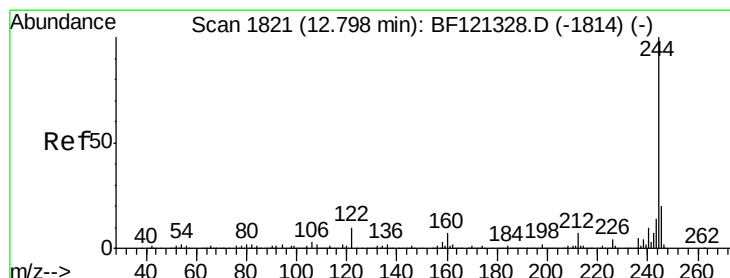
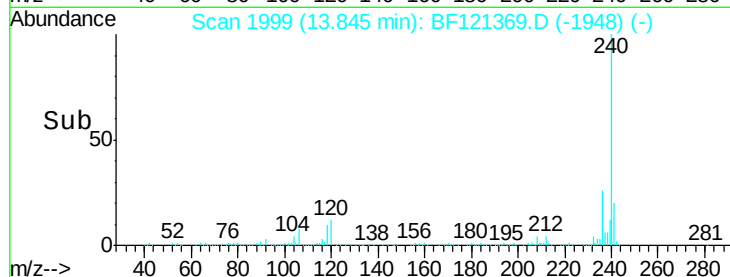
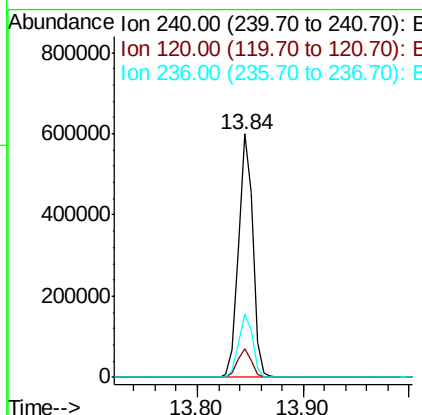
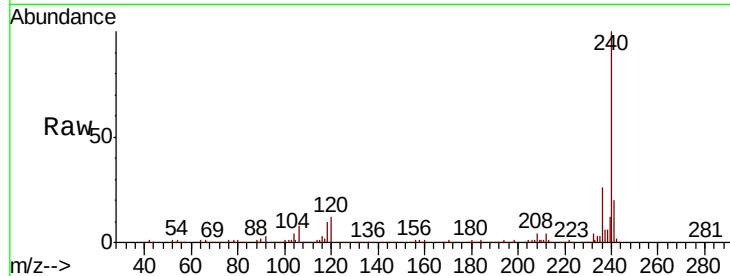




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

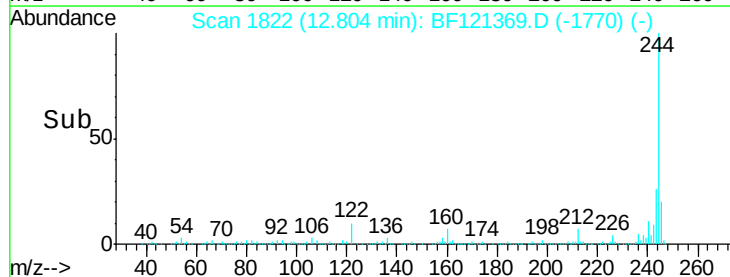
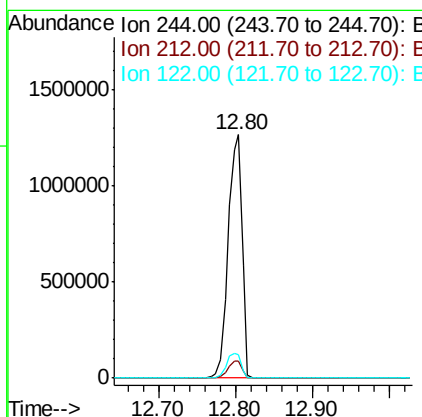
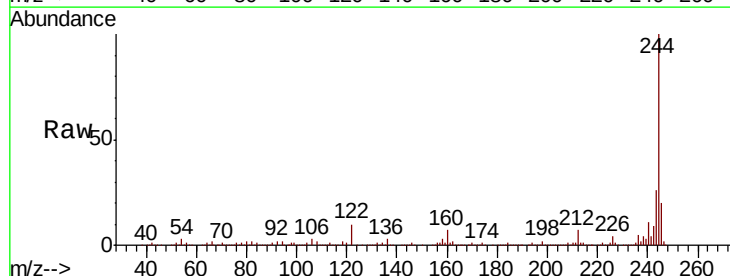
Instrument :
BNA_F
ClientSampleId :
PB131130BL

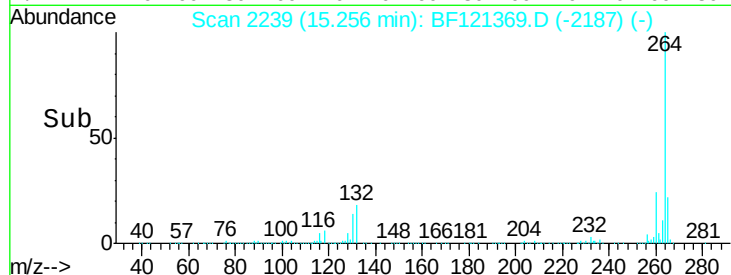
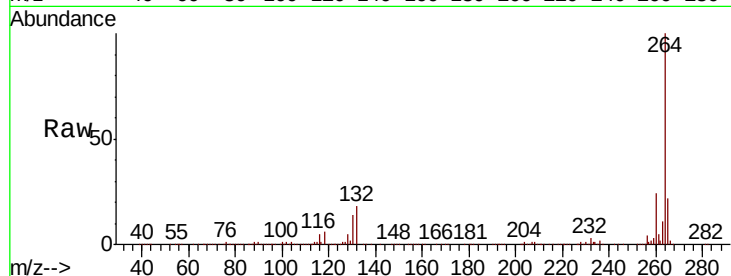
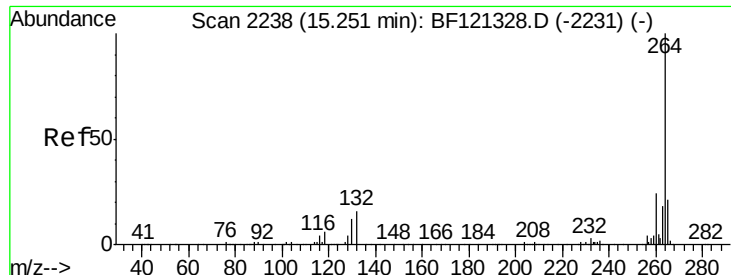
Tot Ion:240 Resp: 547872
Ion Ratio Lower Upper
240 100
120 11.9 9.6 14.4
236 26.0 20.6 31.0



#79
Terphenyl-d14
Concen: 56.768 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

Tgt Ion:244 Resp: 1591574
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 9.7 7.8 11.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB131130BL

Tot Ion:	264	Resp:	531090
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.1	25.7

