

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121655.D
 Acq On : 22 Sep 2020 22:56
 Operator : JU/CG
 Sample : L4104-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-092120-DP

Quant Time: Sep 23 01:10:05 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 22 17:53:26 2020
 Response via : Initial Calibration

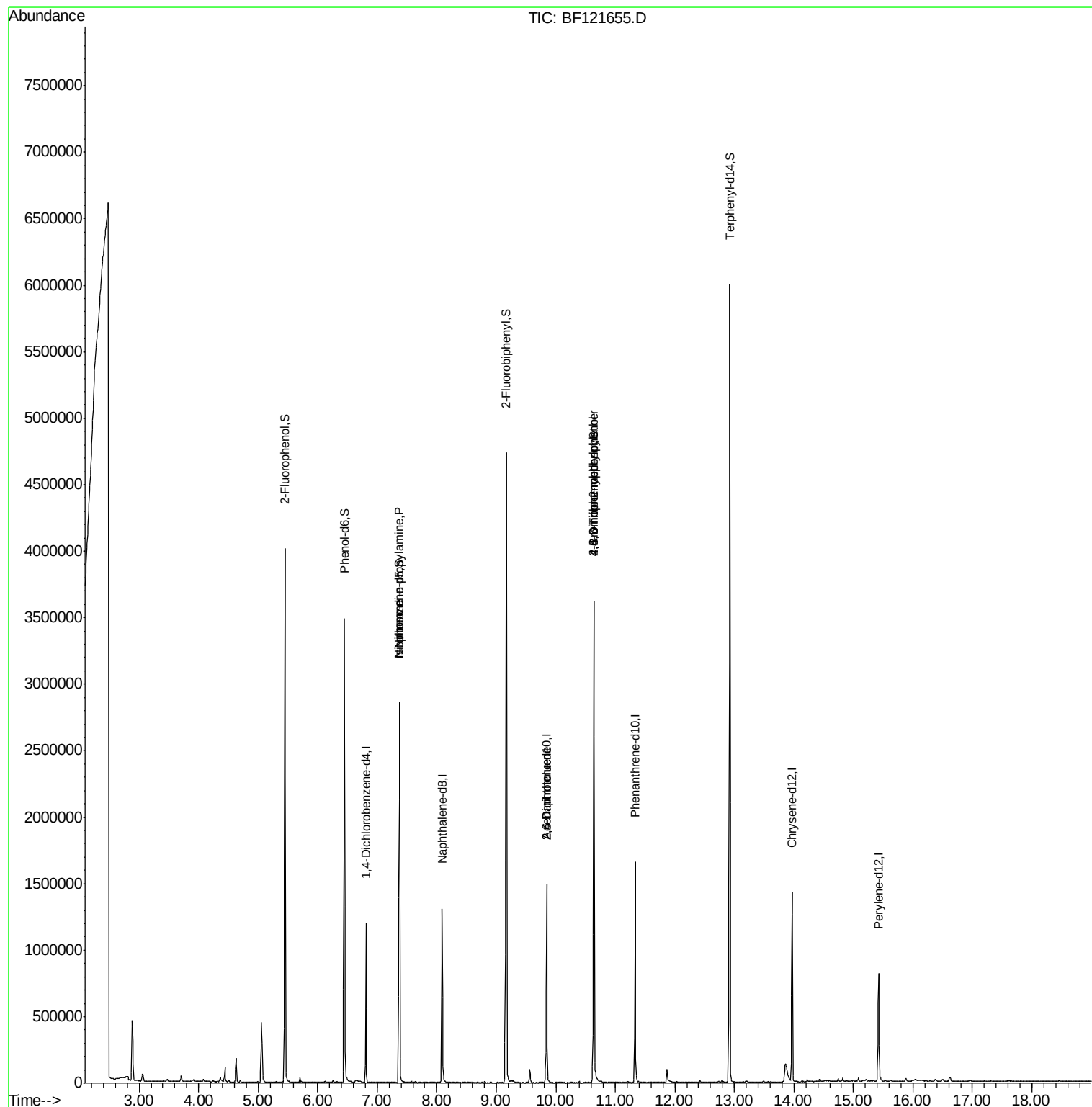
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	155503	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	613345	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	321540	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	624462	20.00	ng	0.00
76) Chrysene-d12	13.97	240	501718	20.00	ng	-0.01
86) Perylene-d12	15.42	264	359397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1157211	110.59	ng	0.02
7) Phenol-d6	6.45	99	1347083	98.13	ng	0.00
23) Nitrobenzene-d5	7.37	82	1155170	101.12	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	575886	144.10	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1970578	92.82	ng	0.00
79) Terphenyl-d14	12.93	244	2191338	88.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	155762	19.688	ng	# 80
25) Isophorone	7.37	82	1143998	49.749	ng	# 67
51) 2,6-Dinitrotoluene	9.85	165	41258	8.313	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	41258	6.608	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.64	198	979	7.071	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	32554	4.579	ng	# 1

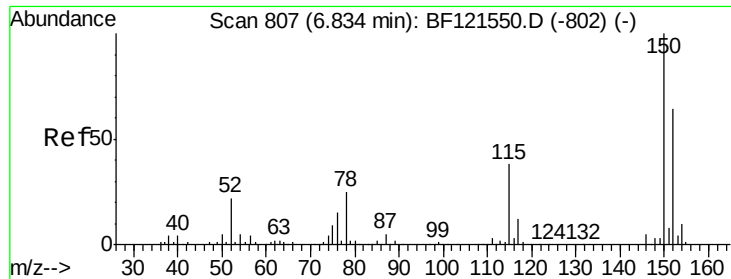
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration



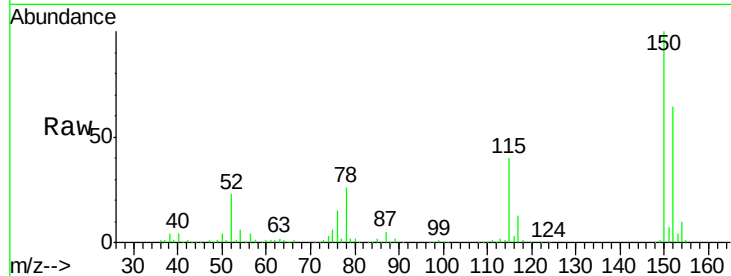


#1

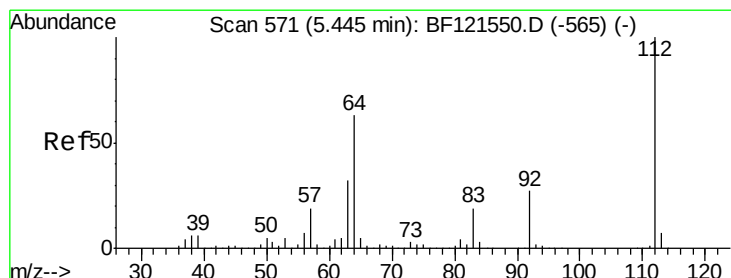
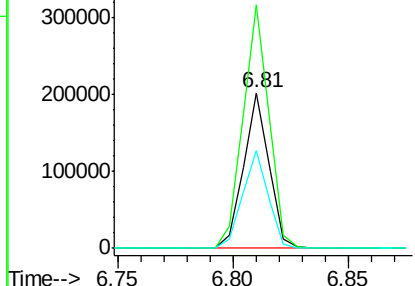
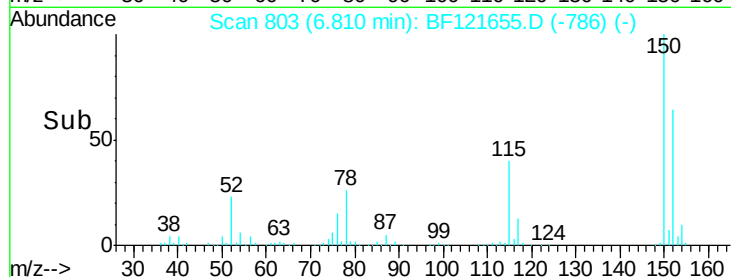
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF121655.D
 Acq: 22 Sep 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 PAV-092120-DP

Tot Ion:152 Resp: 155503
 Ion Ratio Lower Upper
 152 100
 150 156.5 128.1 192.1
 115 62.6 52.6 79.0



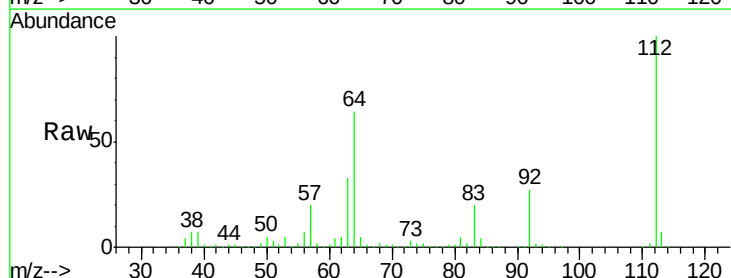
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



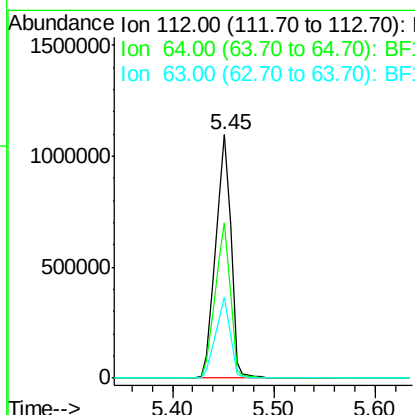
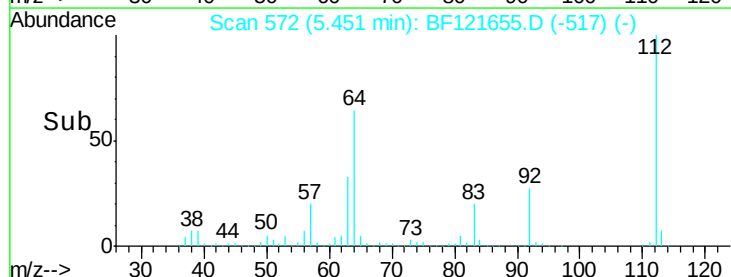
#5

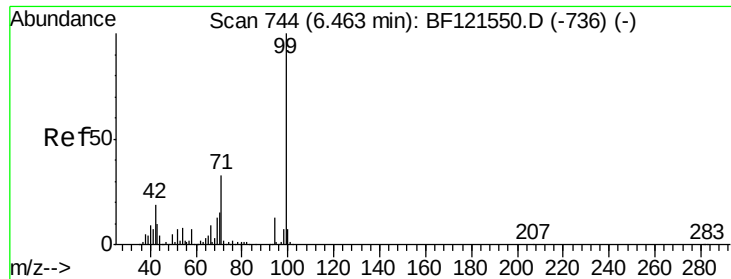
2-Fluorophenol
 Concen: 110.593 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.02 min
 Lab File: BF121655.D
 Acq: 22 Sep 2020 22:56

Tgt Ion:112 Resp: 1157211
 Ion Ratio Lower Upper
 112 100
 64 63.6 52.2 78.2
 63 33.1 26.6 39.8



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: 98.129 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

Instrument :

BNA_F

ClientSampleId :

PAV-092120-DP

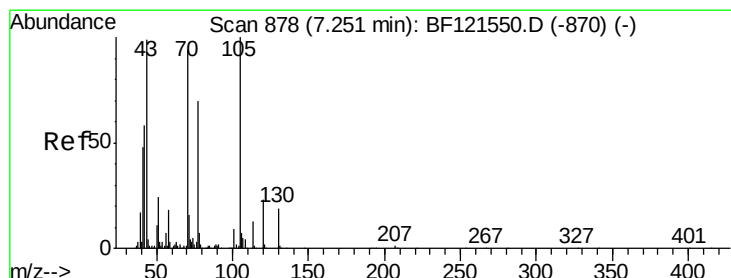
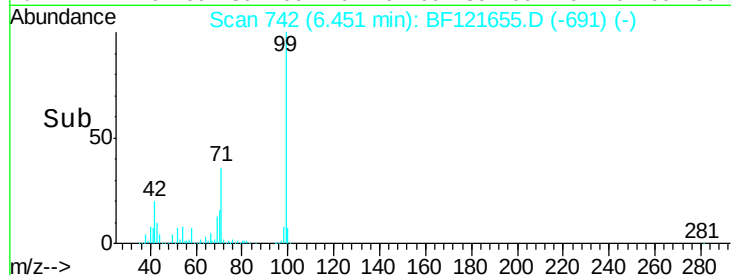
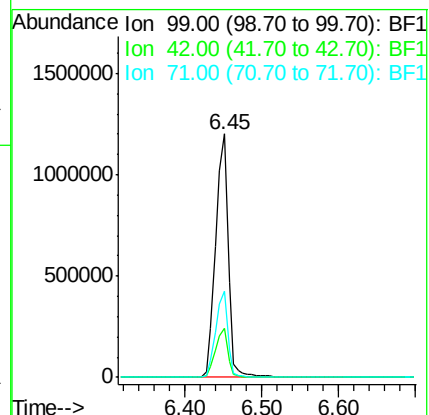
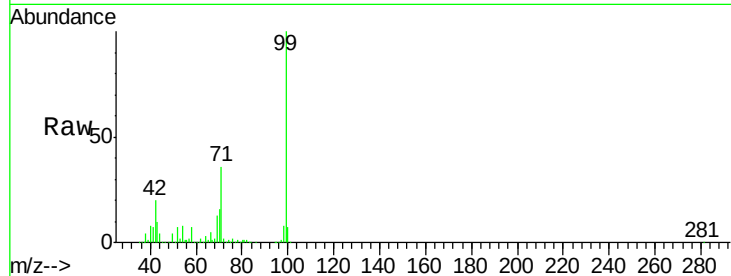
Tot Ion: 99 Resp: 1347083

Ion Ratio Lower Upper

99 100

42 20.0 15.5 23.3

71 35.6 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 19.688 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

Tgt Ion: 70 Resp: 155762

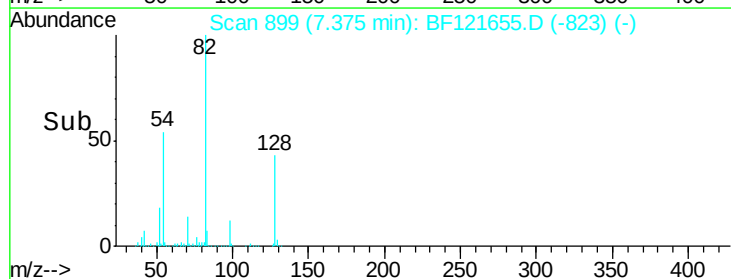
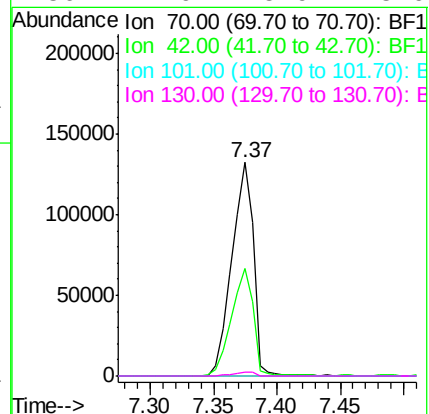
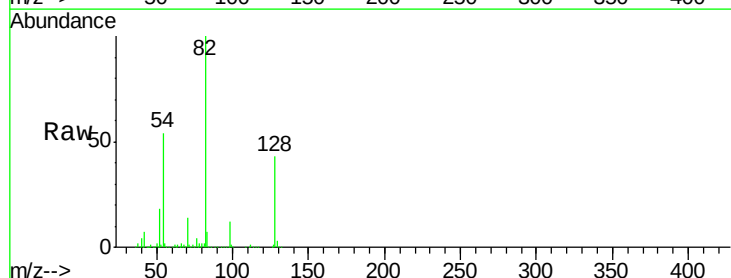
Ion Ratio Lower Upper

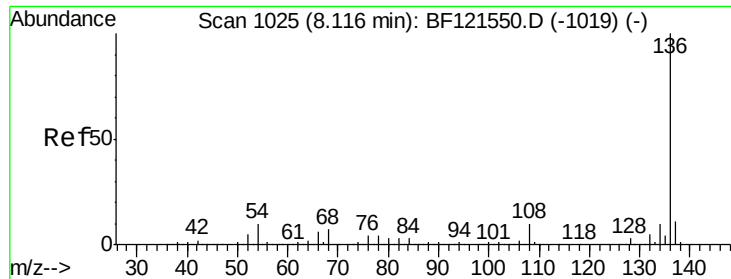
70 100

42 50.3 48.3 72.5

101 0.0 7.6 11.4#

130 1.9 15.9 23.9#

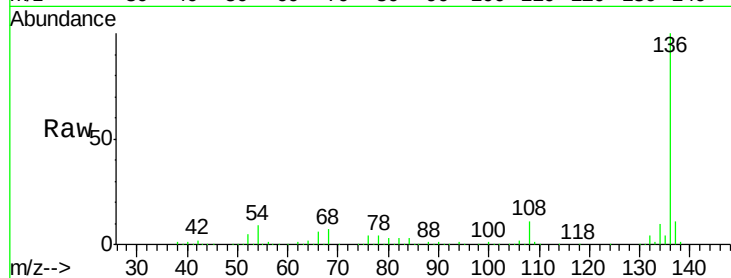




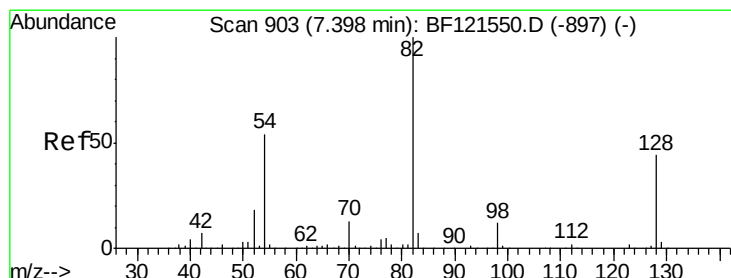
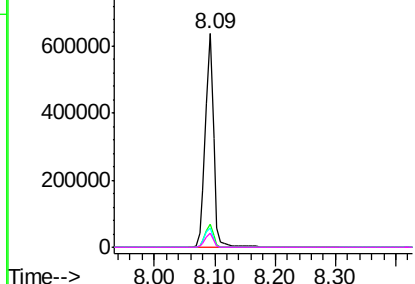
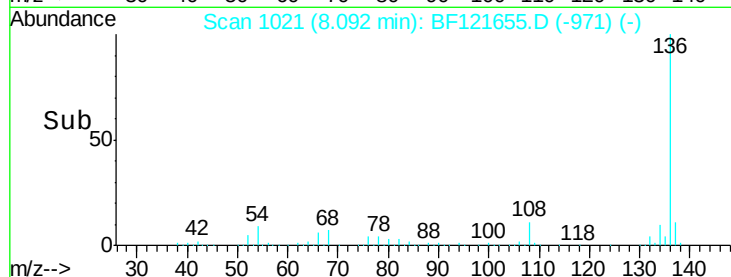
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121655.D
Acq: 22 Sep 2020 22:56

Instrument :
BNA_F
ClientSampleId :
PAV-092120-DP

Tot Ion:136	Resp:	613345	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 9.1	7.4	11.0	
68 6.5	5.3	7.9	

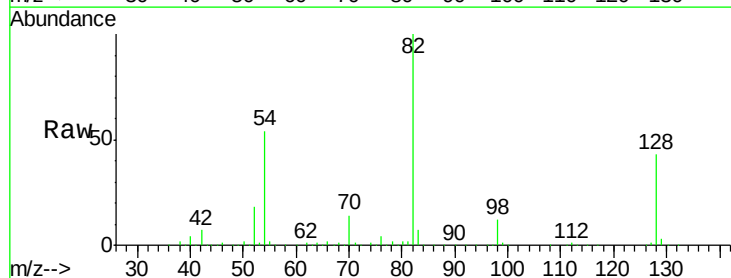


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

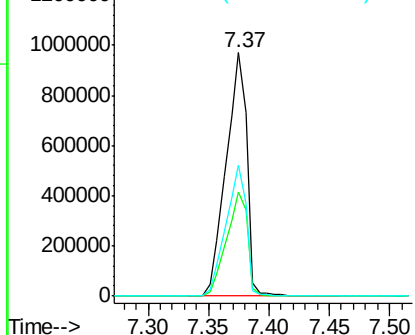
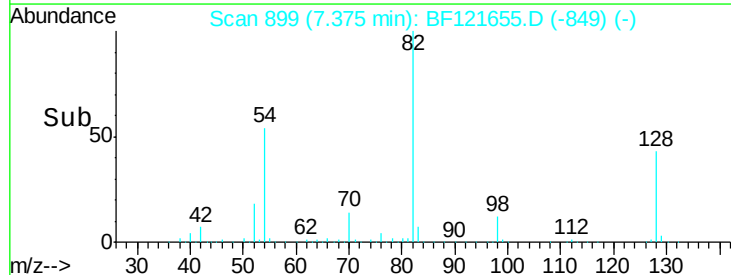


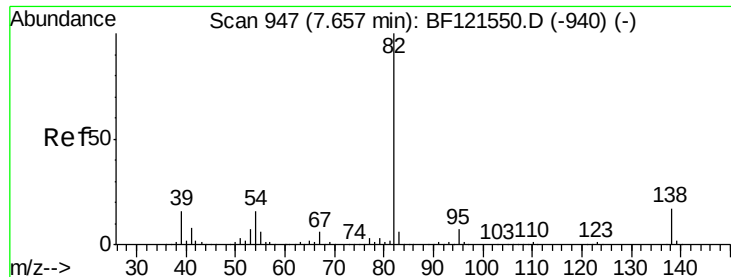
#23
Nitrobenzene-d5
Concen: 101.123 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121655.D
Acq: 22 Sep 2020 22:56

Tgt Ion: 82	Resp: 1155170
Ion Ratio	Lower Upper
82 100	
128 42.5	33.9 50.9
54 53.8	42.9 64.3



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: 49.749 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

Instrument :

BNA_F

ClientSampleId :

PAV-092120-DP

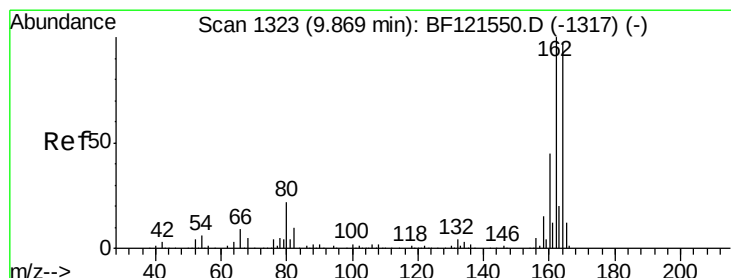
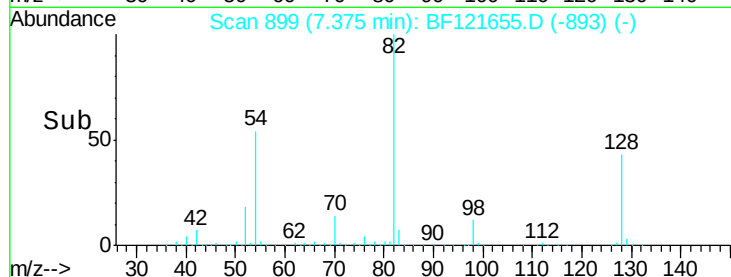
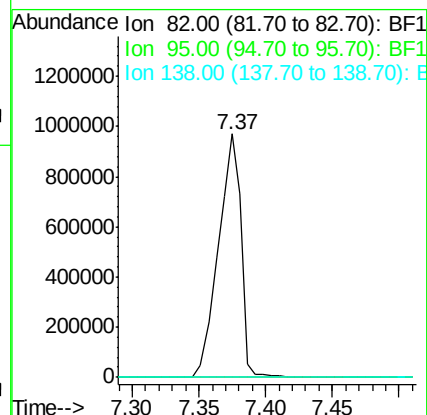
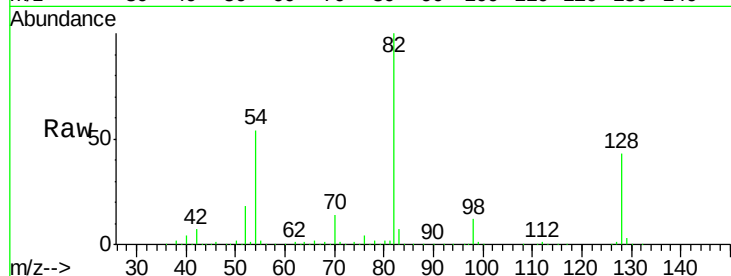
Tot Ion: 82 Resp: 1143998

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

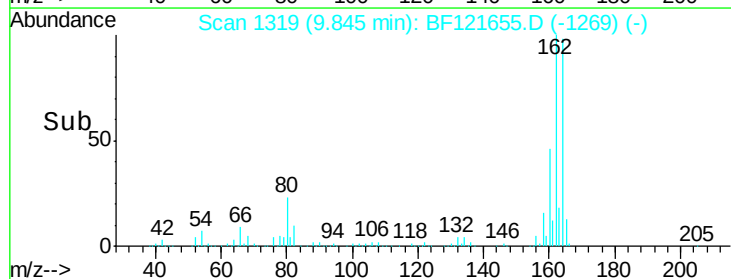
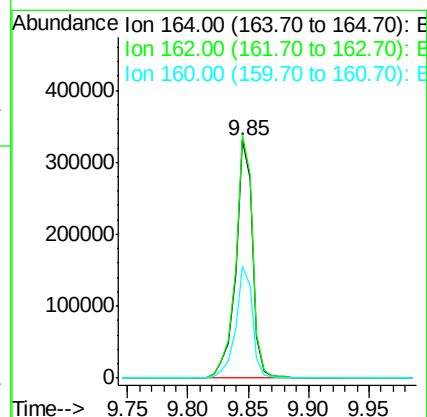
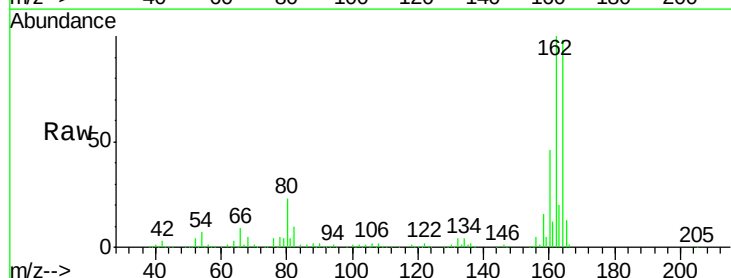
Tgt Ion: 164 Resp: 321540

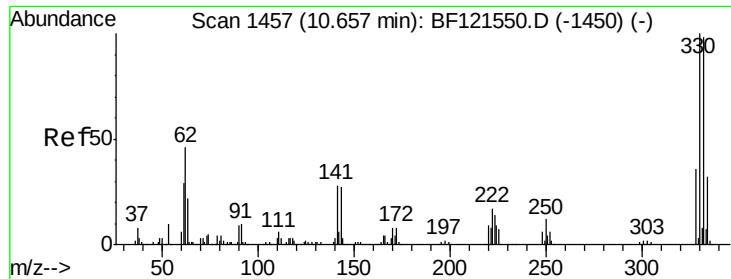
Ion Ratio Lower Upper

164 100

162 102.3 81.2 121.8

160 46.9 36.2 54.4

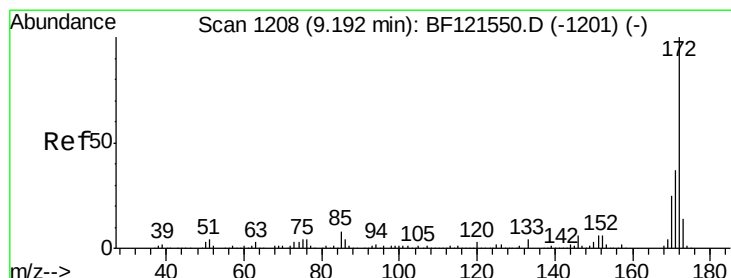
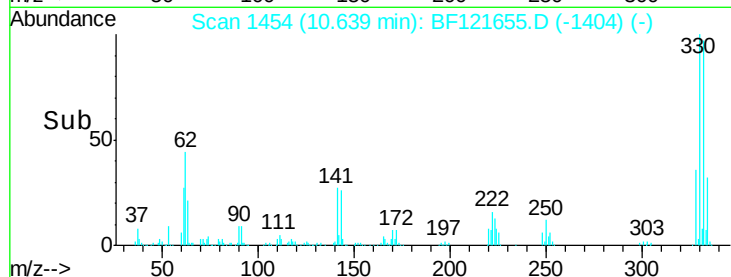
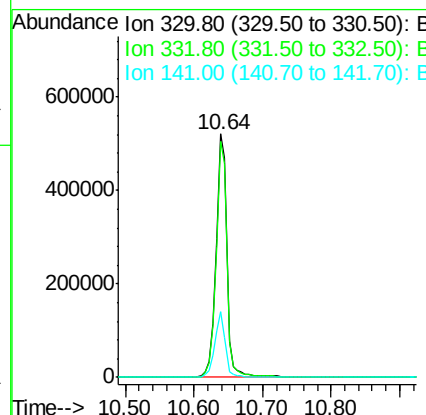
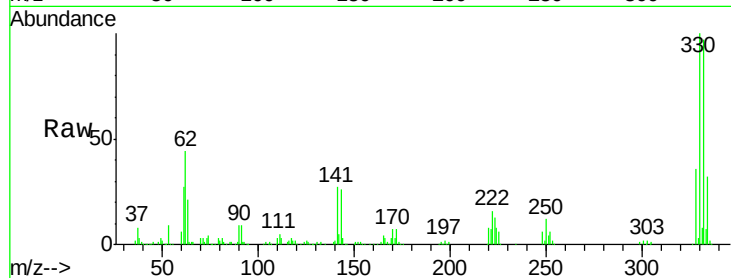




#42
 2,4,6-Tribromophenol
 Concen: 144.104 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121655.D
 Acq: 22 Sep 2020 22:56

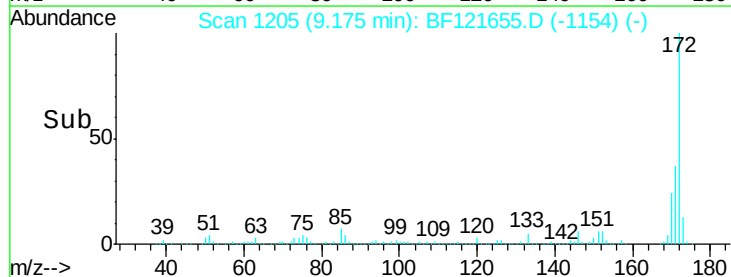
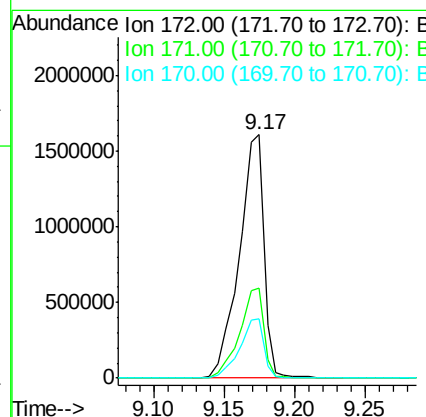
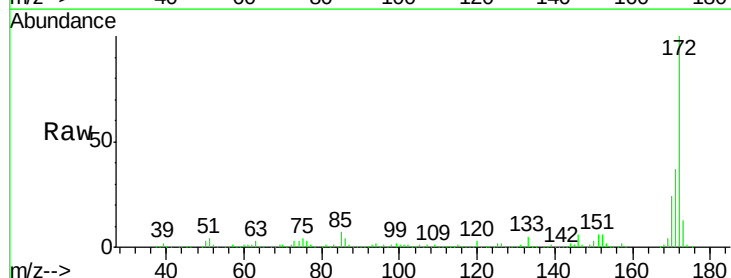
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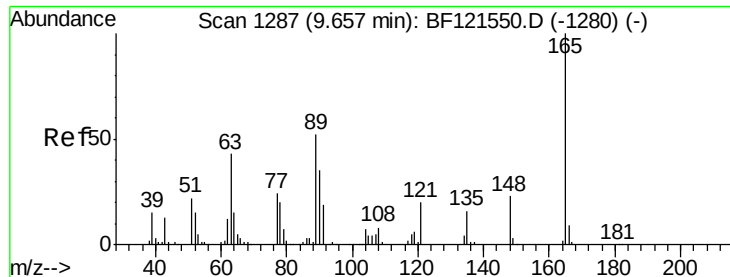
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	26.8	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 92.819 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121655.D
 Acq: 22 Sep 2020 22:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.3	43.9
170	24.5	19.5	29.3

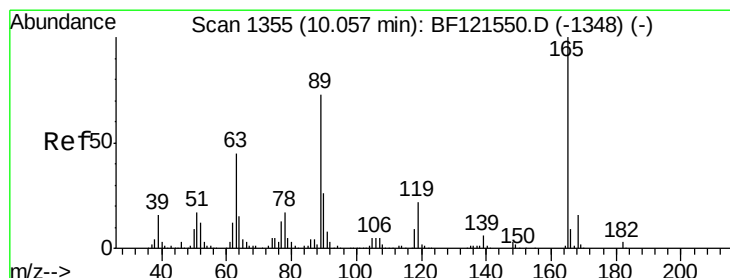
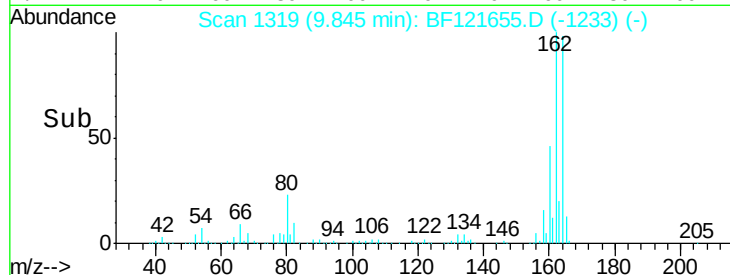
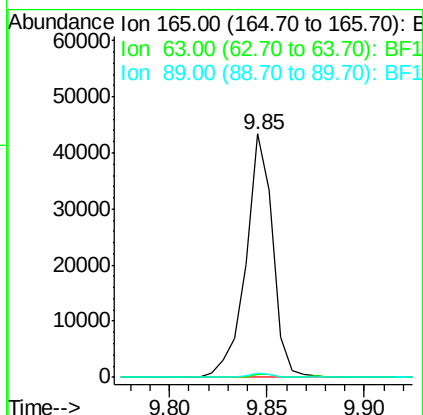
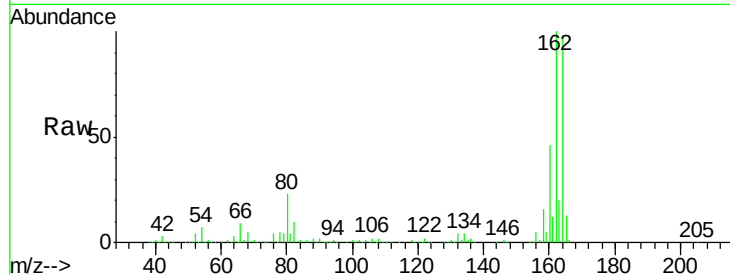




#51
 2,6-Dinitrotoluene
 Concen: 8.313 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF121655.D
 Acq: 22 Sep 2020 22:56

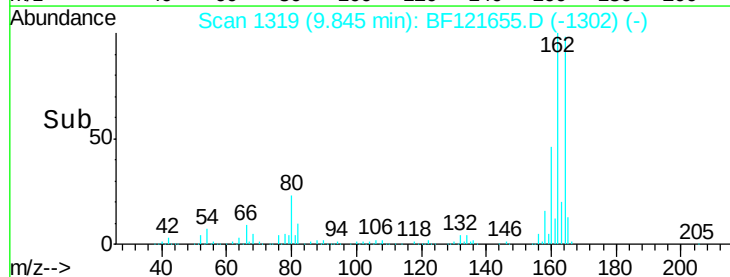
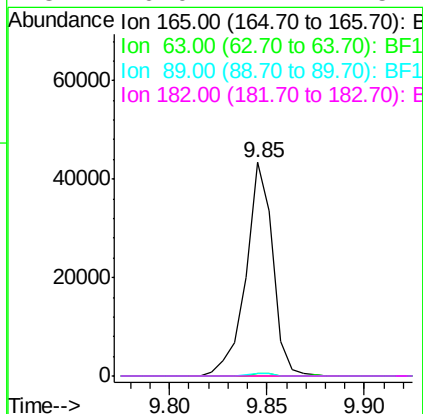
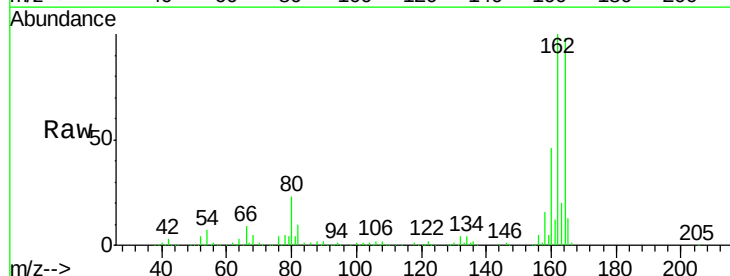
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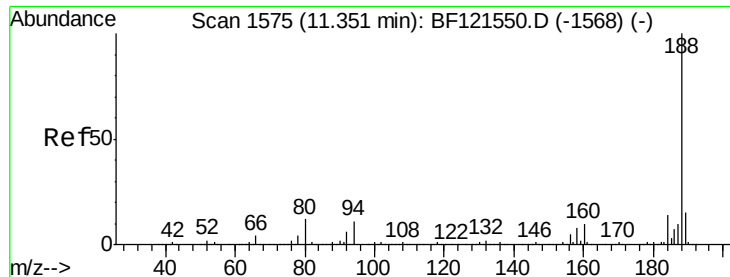
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.6	71.4#
89	1.5	46.0	69.0#



#57
 2,4-Dinitrotoluene
 Concen: 6.608 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121655.D
 Acq: 22 Sep 2020 22:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.5	57.7	86.5#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

Instrument :

BNA_F

ClientSampleId :

PAV-092120-DP

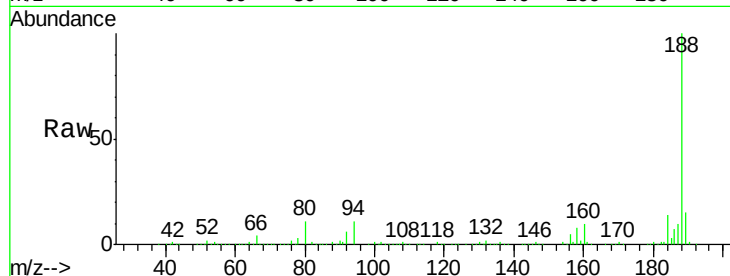
Tot Ion:188 Resp: 624462

Ion Ratio Lower Upper

188 100

94 10.6 8.4 12.6

80 11.3 9.0 13.4

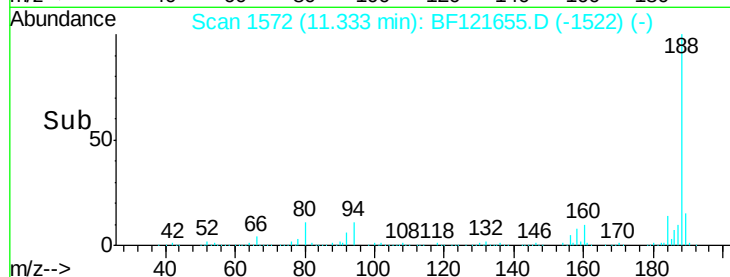


Abundance Ion 188.00 (187.70 to 188.70): E

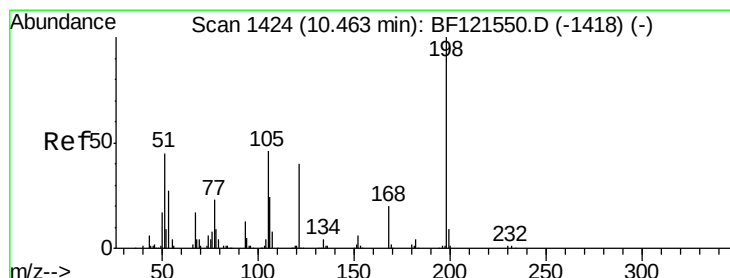
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 7.071 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

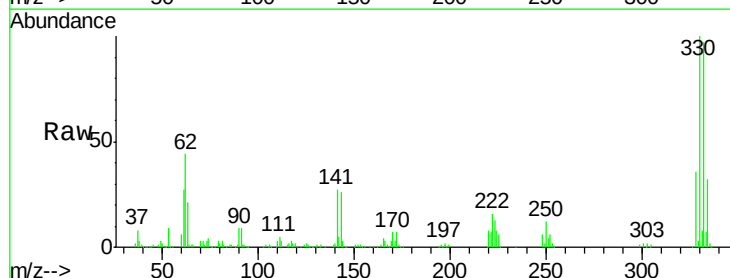
Tgt Ion:198 Resp: 979

Ion Ratio Lower Upper

198 100

51 191.9 20.3 60.3#

105 177.1 20.2 60.2#

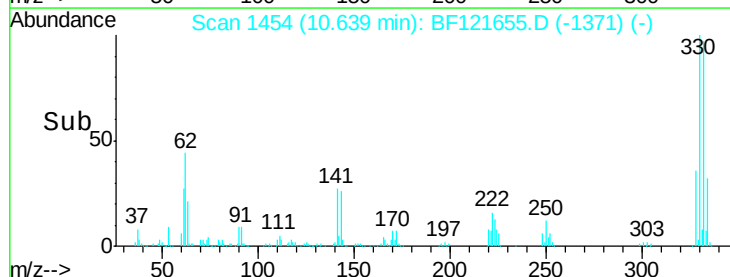


Abundance Ion 198.00 (197.70 to 198.70): E

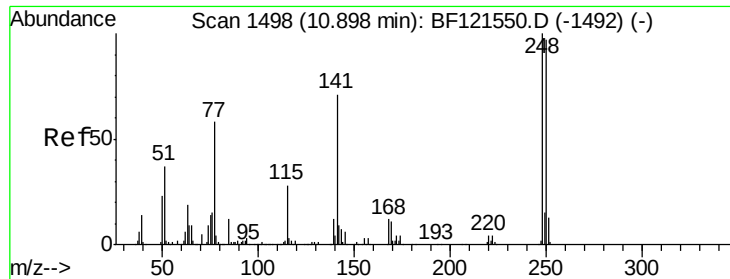
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



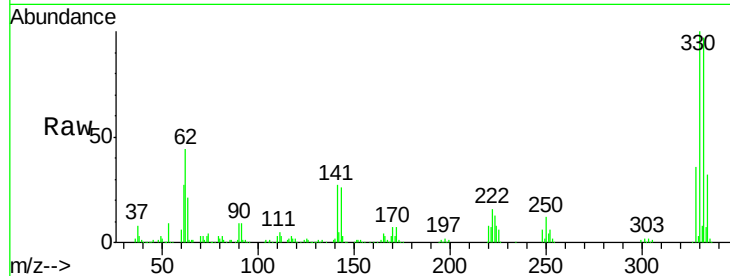
Time-->



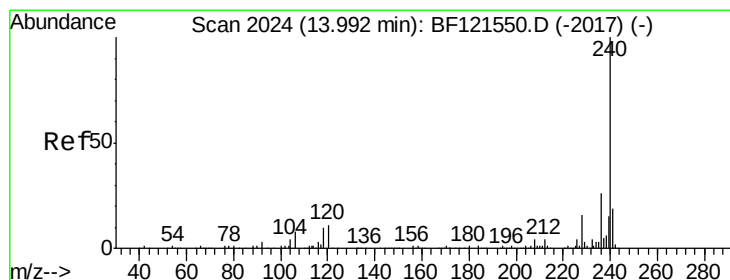
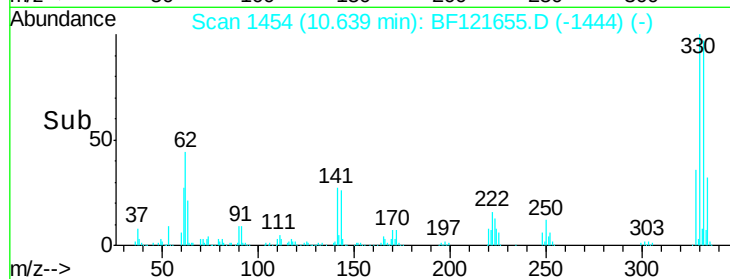
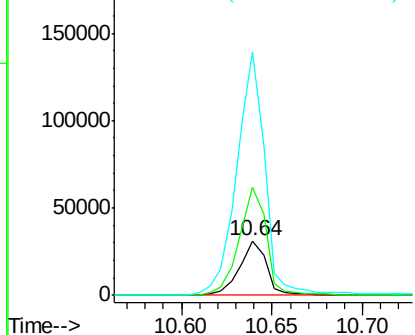
#67
4-Bromophenyl-phenylether
Concen: 4.579 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121655.D
Acq: 22 Sep 2020 22:56

Instrument :
BNA_F
ClientSampleId :
PAV-092120-DP

Tot Ion:248 Resp: 32554
Ion Ratio Lower Upper
248 100
250 196.8 79.4 119.0#
141 446.4 52.2 78.4#

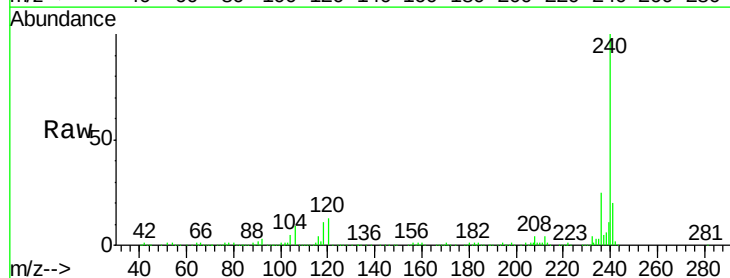


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

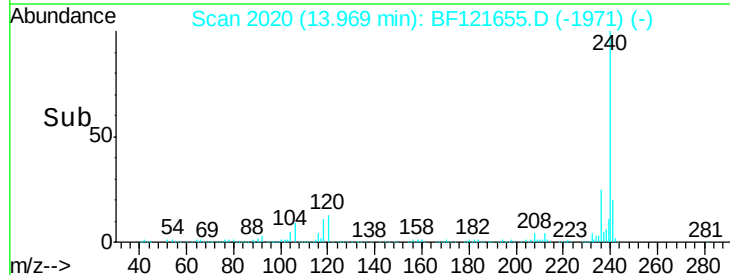
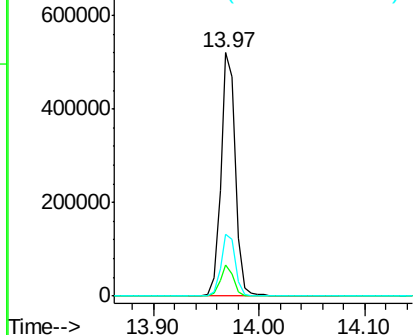


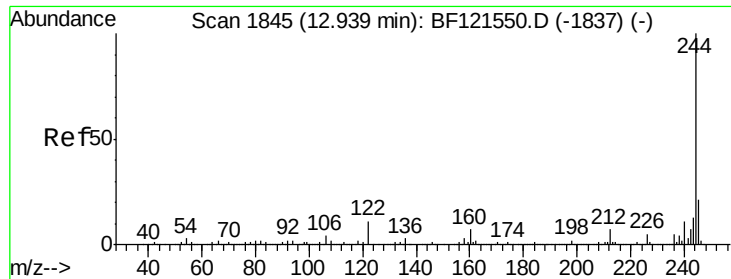
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121655.D
Acq: 22 Sep 2020 22:56

Tgt Ion:240 Resp: 501718
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.2 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

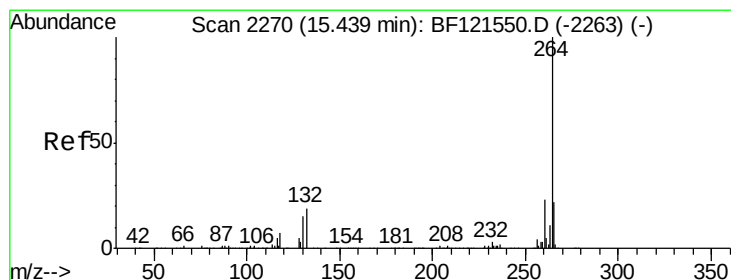
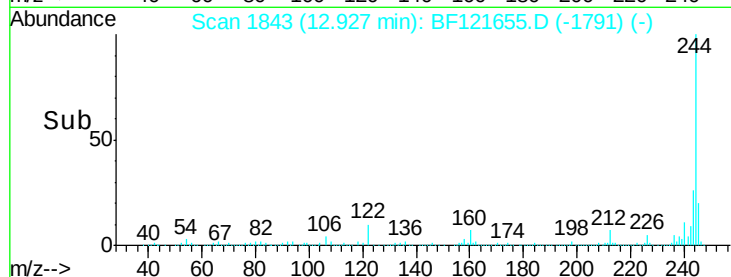
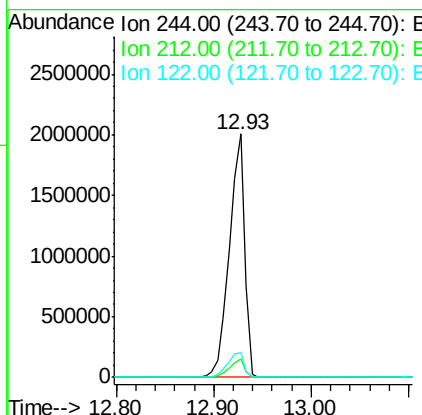
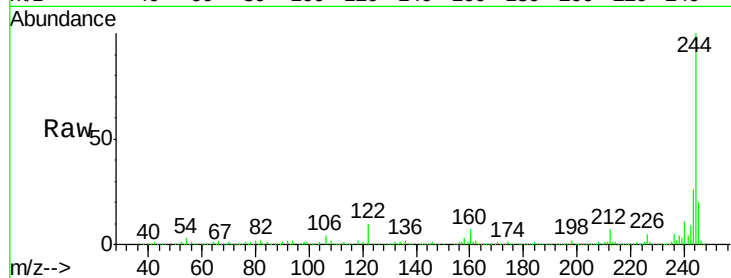




#79
 Terphenyl-d14
 Concen: 88.485 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF121655.D
 Acq: 22 Sep 2020 22:56

Instrument :
 BNA_F
 ClientSampleID :
 PAV-092120-DP

Tot Ion:244 Resp: 2191338
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.1 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF121655.D
 Acq: 22 Sep 2020 22:56

Tgt Ion:264 Resp: 359397
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.8 17.3 25.9

