

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121339.D
 Acq On : 20 Aug 2020 11:08
 Operator : JU/CG
 Sample : L3712-05 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB-25203

Quant Time: Aug 20 12:00:09 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

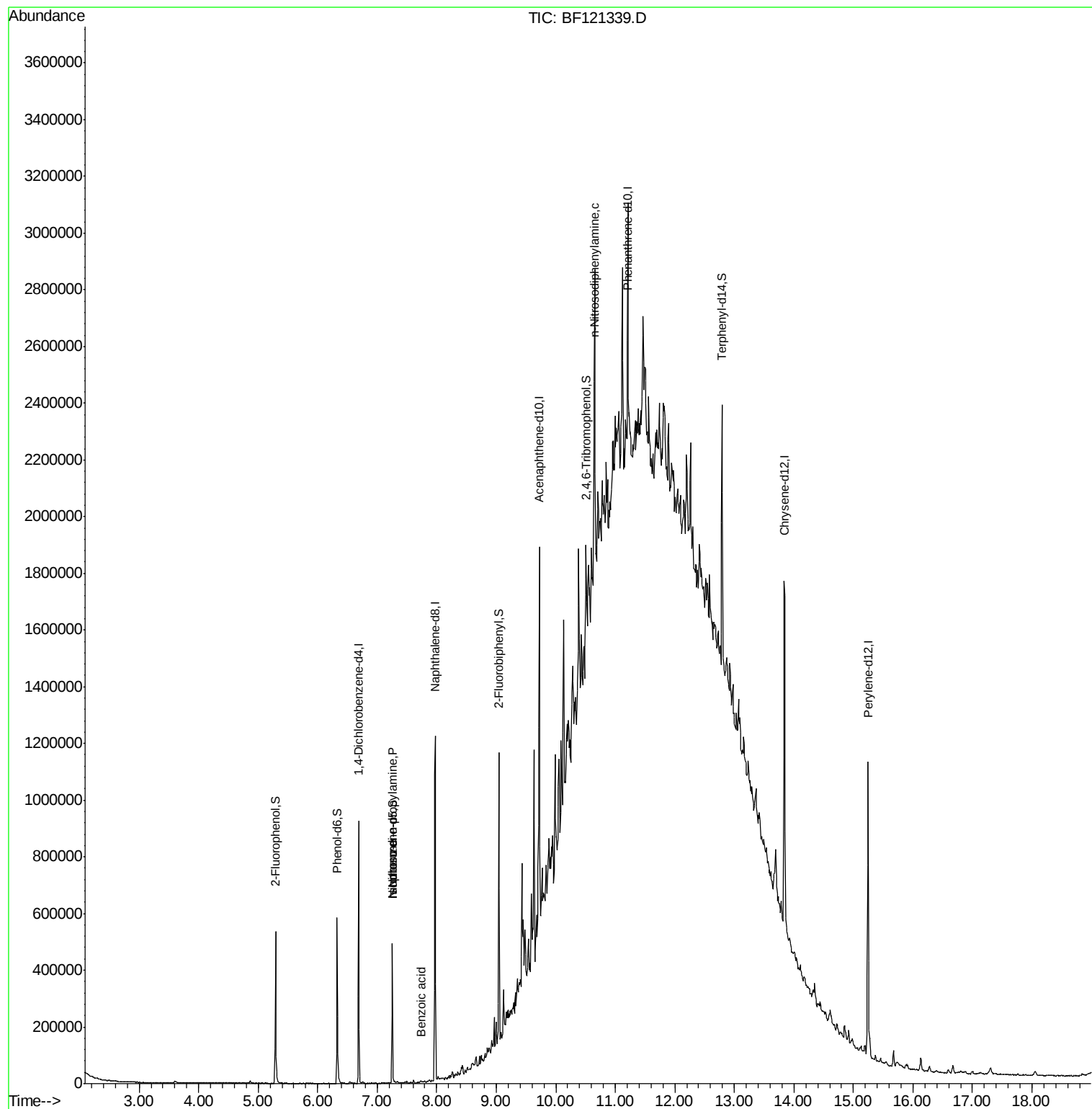
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	139928	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	543656	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	271722	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	454916	20.00	ng	0.00
76) Chrysene-d12	13.84	240	470712	20.00	ng	0.00
86) Perylene-d12	15.24	264	446995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	177873	20.84	ng	0.00
7) Phenol-d6	6.33	99	224272	20.59	ng	-0.01
23) Nitrobenzene-d5	7.25	82	135979	14.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	60546	19.12	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	274529	7.63	ng	0.00
79) Terphenyl-d14	12.79	244	289345	12.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	17016	2.904	ng	# 82
25) Isophorone	7.25	82	135978	7.773	ng	# 65
32) Benzoic acid	7.75	122	496	7.141	ng	# 85
55) Dibenzofuran	9.93	168	880	Below Cal	#	1
58) Fluorene	10.29	166	766	Below Cal	#	1
61) 4-Chlorophenyl-phenylether	10.28	204	2924	Below Cal	#	1
66) n-Nitrosodiphenylamine	10.64	169	37192	2.650	ng	91

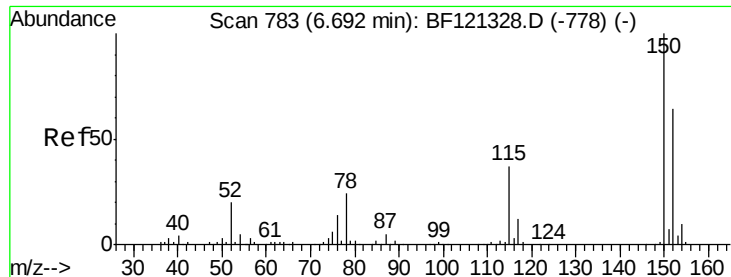
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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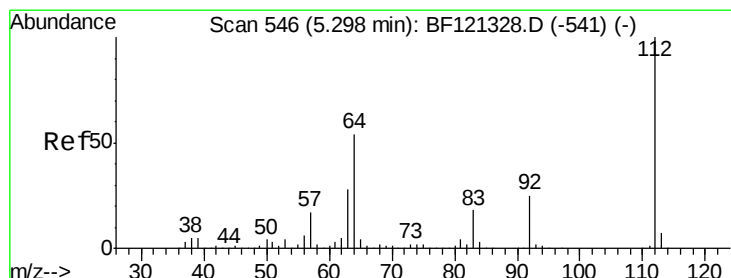
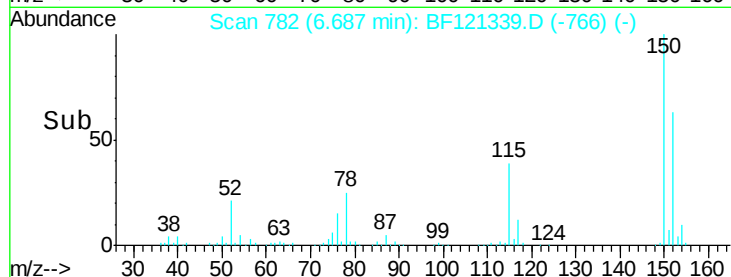
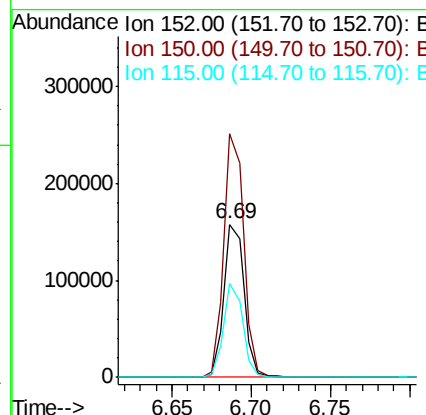
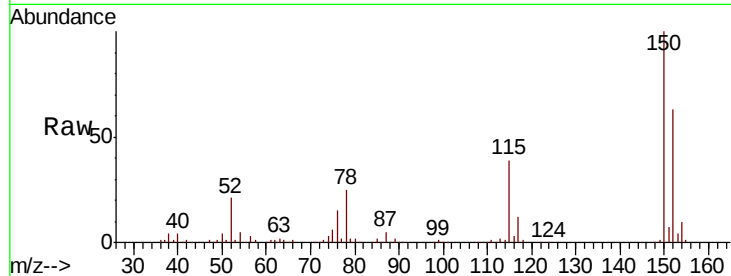


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF121339.D
 Acq: 20 Aug 2020 11:08

Instrument :
 BNA_F
 ClientSampleId :
 VB-25203

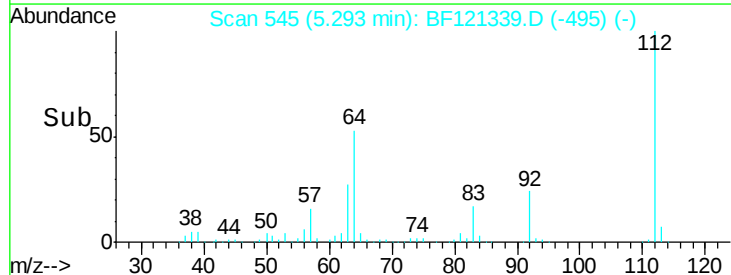
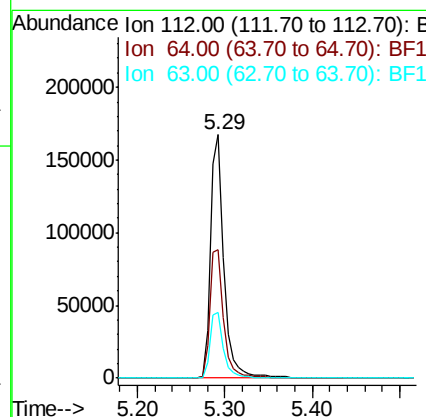
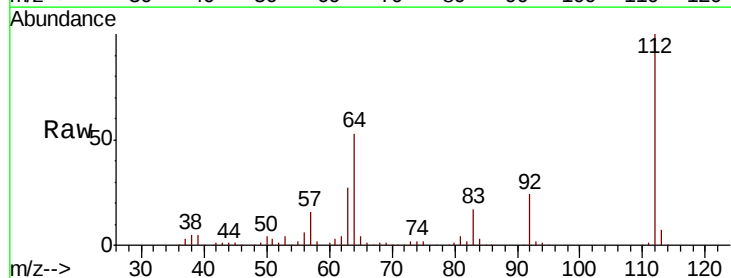
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.8	187.2
115	61.6	46.1	69.1

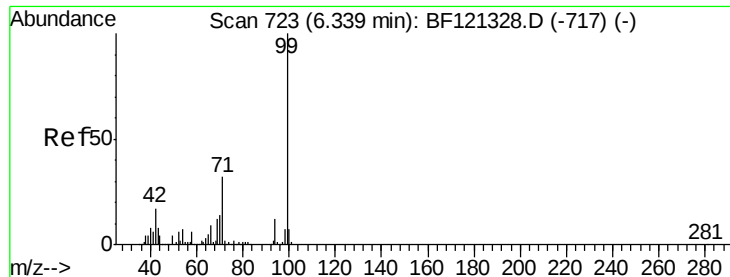


#5

2-Fluorophenol
 Concen: 20.844 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF121339.D
 Acq: 20 Aug 2020 11:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	43.5	65.3
63	27.2	22.0	33.0





#7

Phenol-d6

Concen: 20.587 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

Instrument :

BNA_F

ClientSampleId :

VB-25203

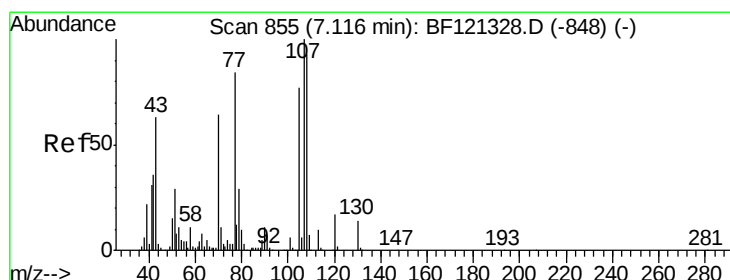
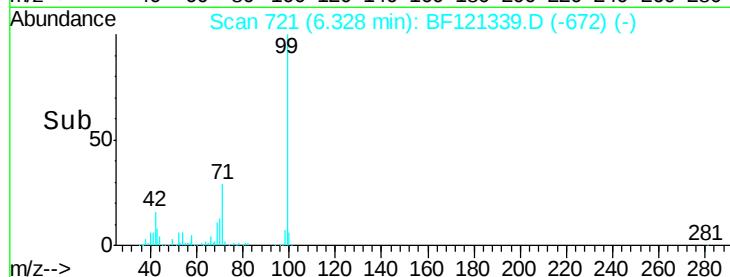
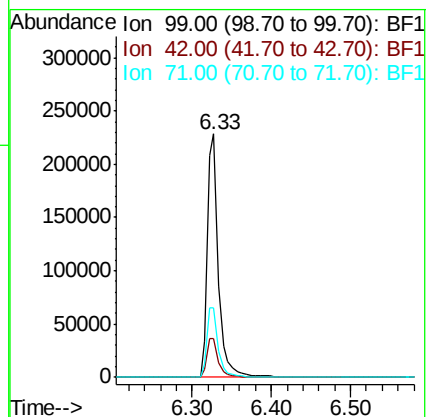
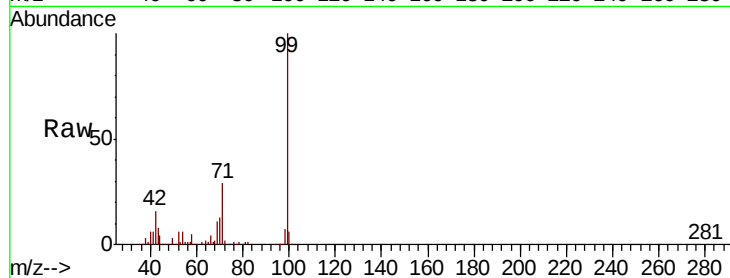
Tot Ion: 99 Resp: 224272

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

71 28.6 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.904 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.14 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

Tgt Ion: 70 Resp: 17016

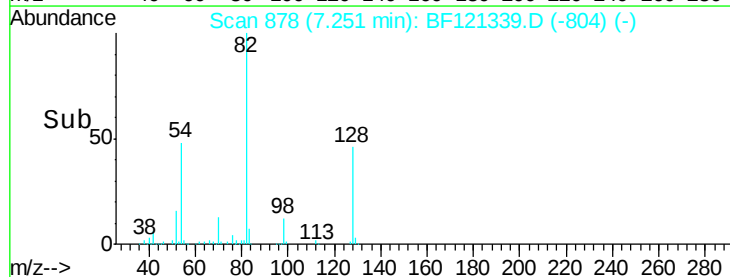
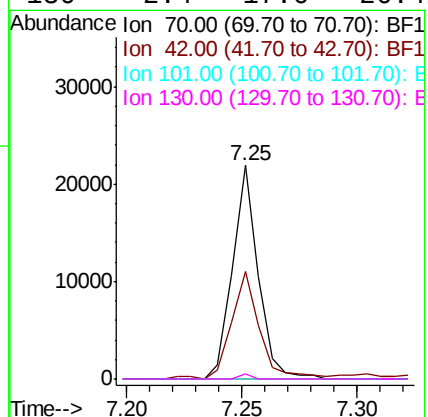
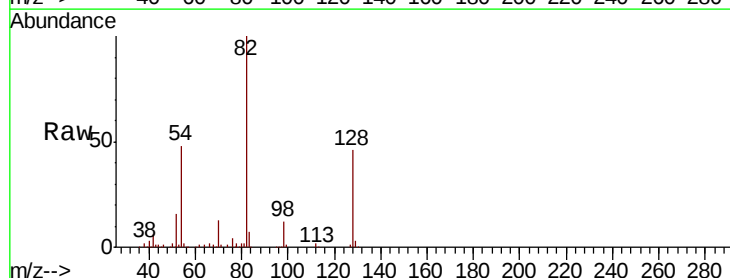
Ion Ratio Lower Upper

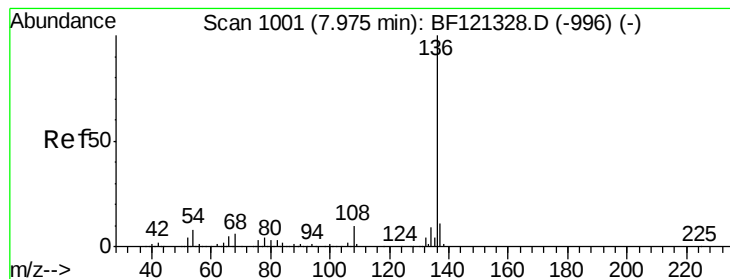
70 100

42 50.5 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: BF121339.D

Acq: 20 Aug 2020 11:08

Instrument :

BNA_F

ClientSampleId :

VB-25203

Tot Ion:136 Resp: 543656

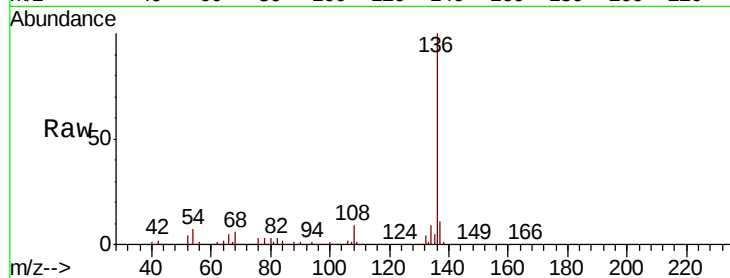
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 6.1 9.1

68 5.8 5.0 7.4

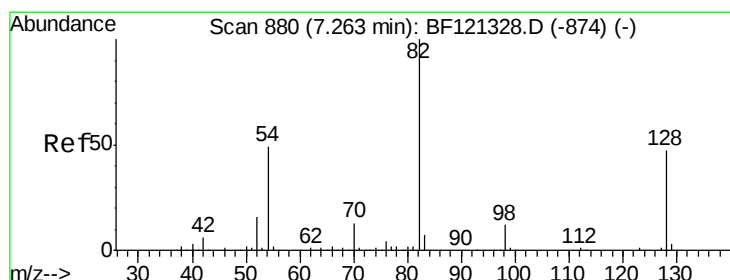
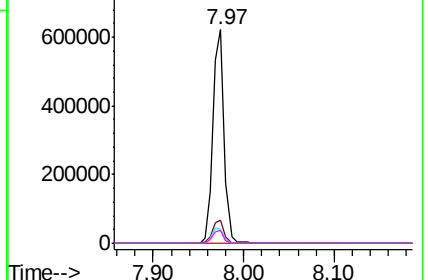
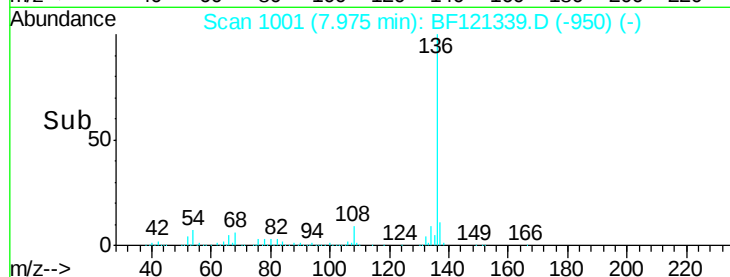


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.146 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

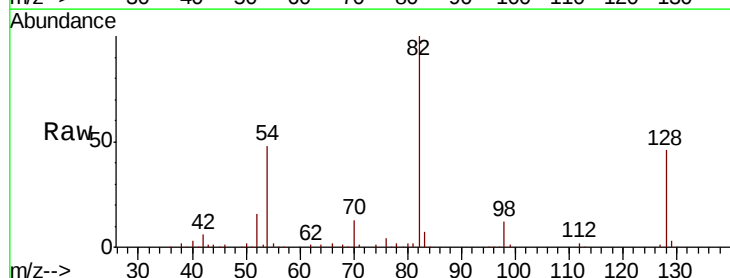
Tgt Ion: 82 Resp: 135979

Ion Ratio Lower Upper

82 100

128 45.8 37.9 56.9

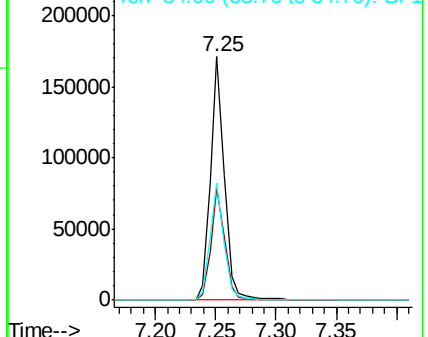
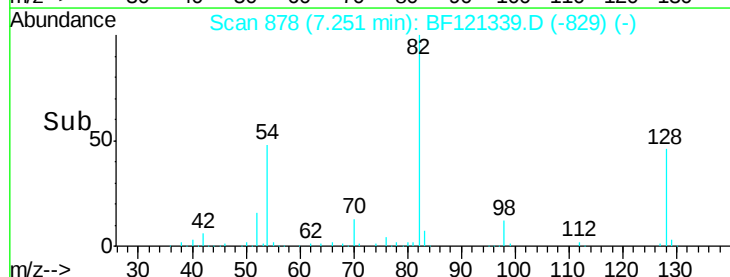
54 48.2 39.0 58.4

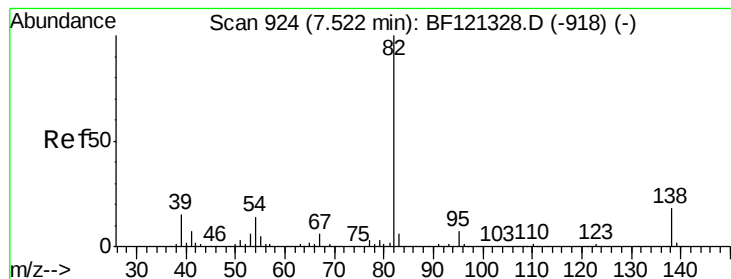


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.773 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

Instrument :

BNA_F

ClientSampleId :

VB-25203

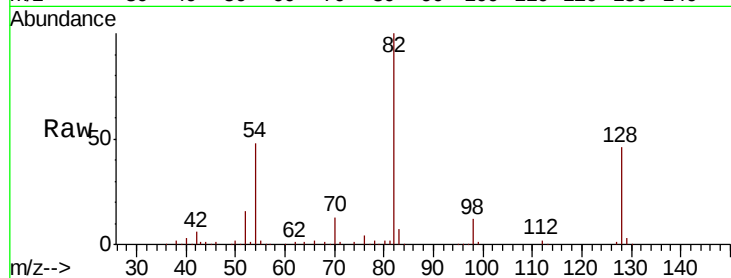
Tot Ion: 82 Resp: 135978

Ion Ratio Lower Upper

82 100

95 0.2 5.3 7.9#

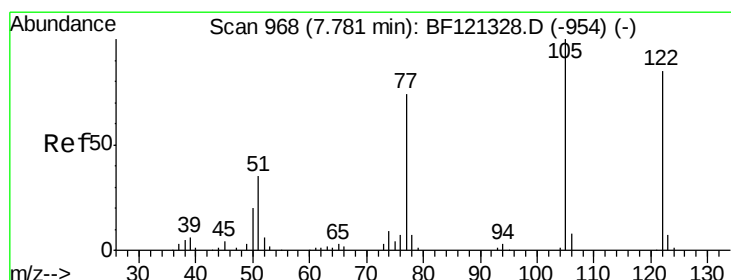
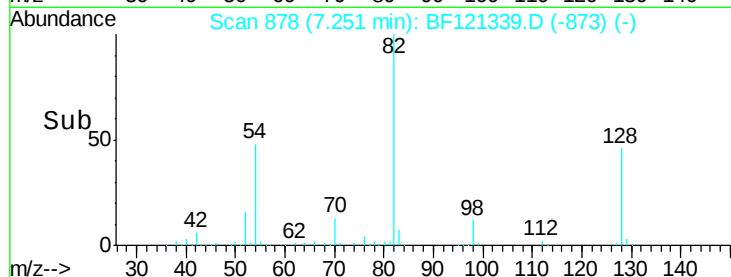
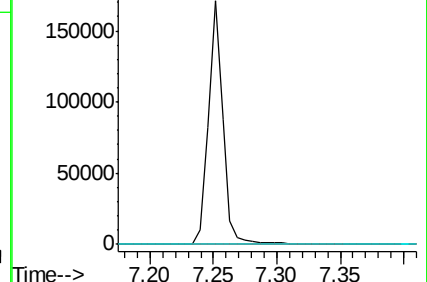
138 0.0 14.6 21.8#



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



#32

Benzoic acid

Concen: 7.141 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

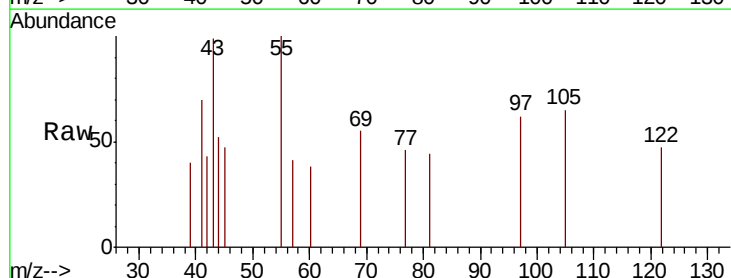
Tgt Ion: 122 Resp: 496

Ion Ratio Lower Upper

122 100

105 136.5 96.7 136.7

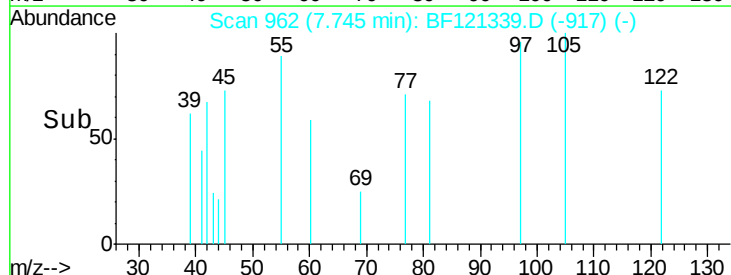
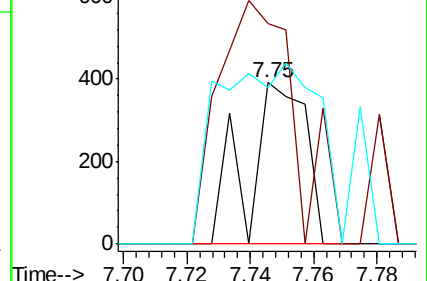
77 96.9 66.7 106.7

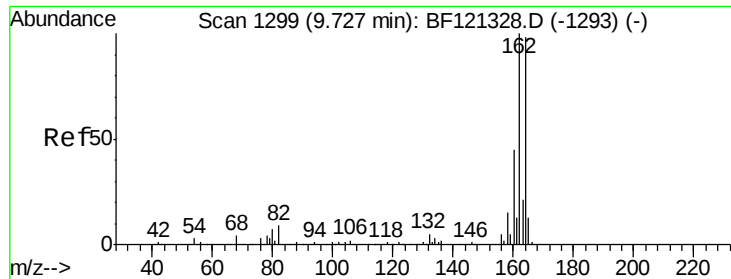


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

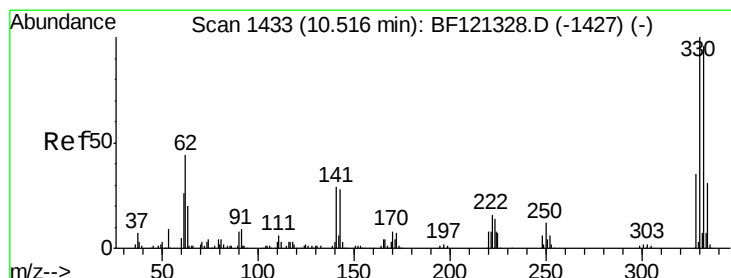
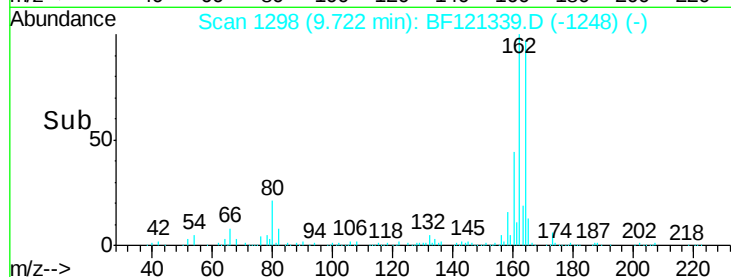
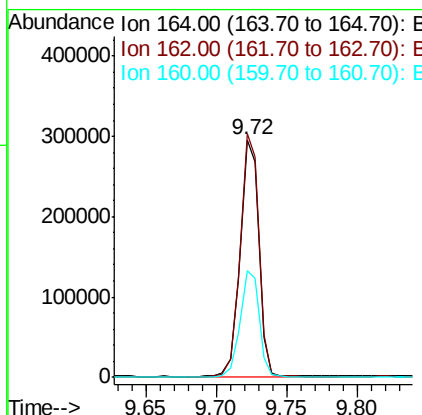
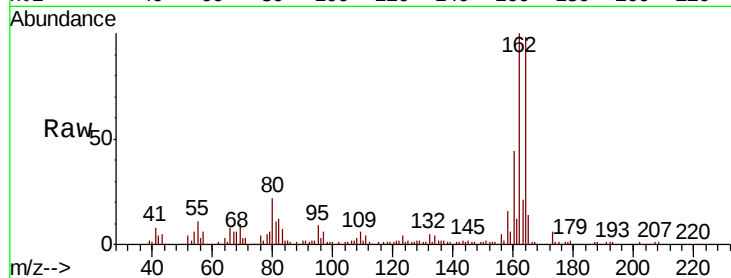




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF121339.D
 Acq: 20 Aug 2020 11:08

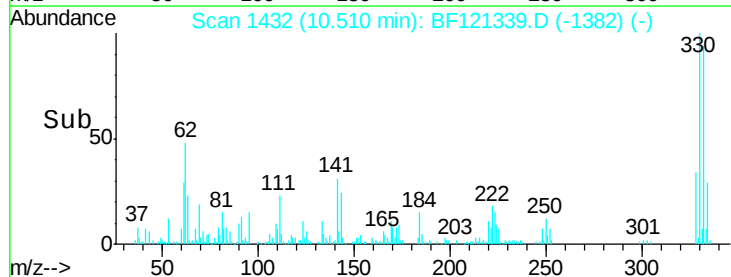
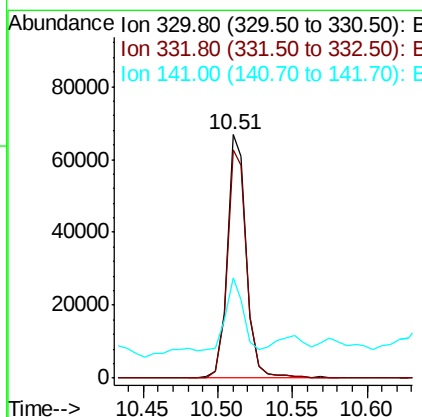
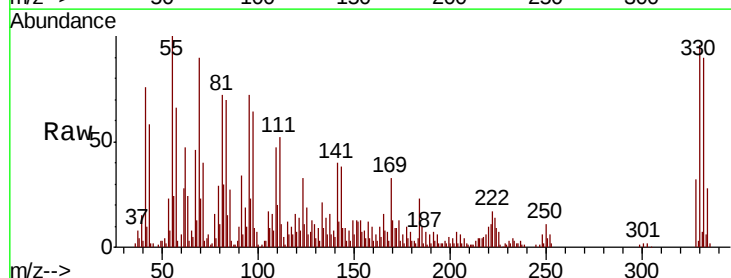
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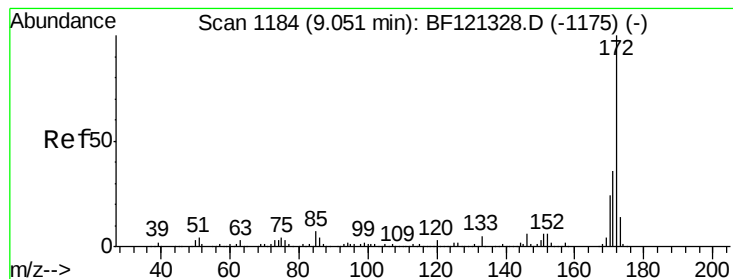
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.7	122.5
160	45.0	37.0	55.4



#42
 2,4,6-Tribromophenol
 Concen: 19.121 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF121339.D
 Acq: 20 Aug 2020 11:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.9	115.3
141	27.7	22.8	34.2

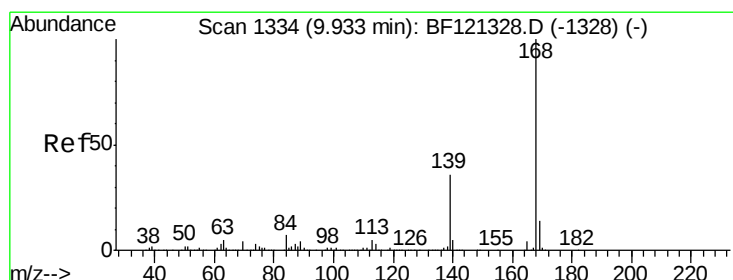
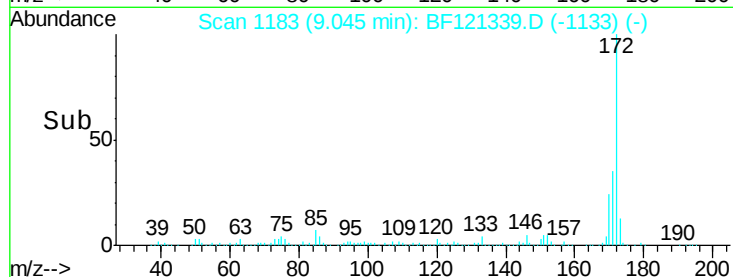
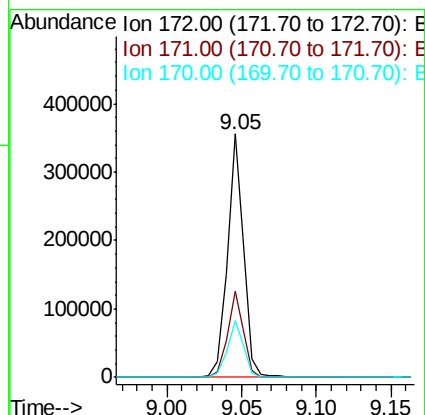
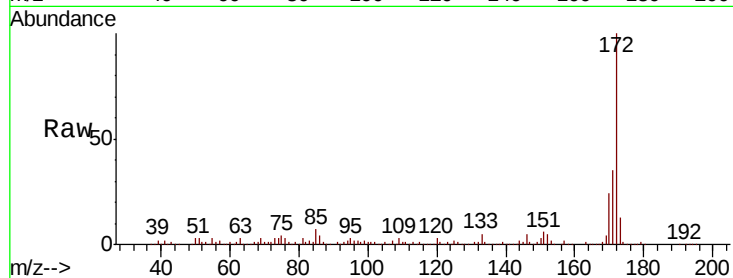




#45
2-Fluorobiphenyl
Concen: 7.628 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF121339.D
Acq: 20 Aug 2020 11:08

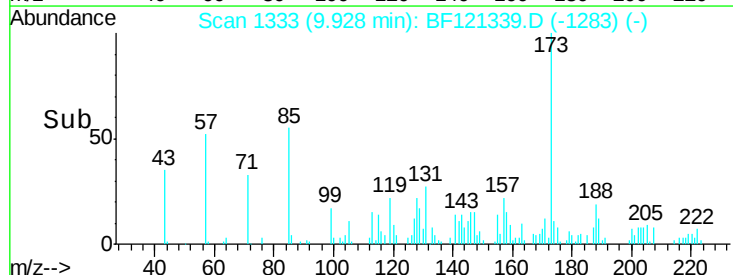
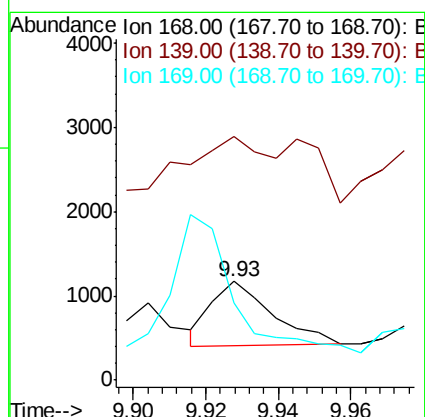
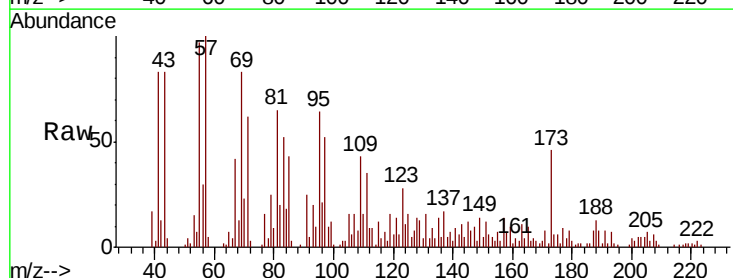
Instrument :
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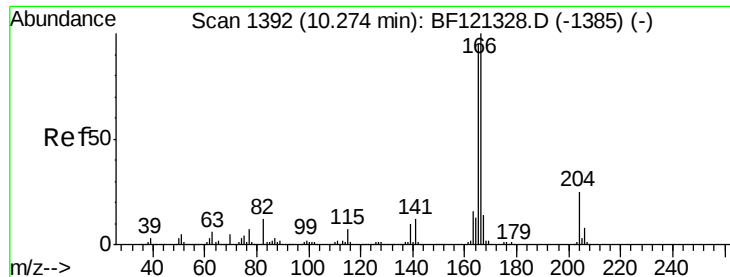
Tot Ion:172 Resp: 274529
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.6
170 23.5 19.4 29.2



#55
Dibenzofuran
Concen: Below Cal
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF121339.D
Acq: 20 Aug 2020 11:08

Tgt Ion:168 Resp: 880
Ion Ratio Lower Upper
168 100
139 247.1 29.1 43.7#
169 78.2 11.0 16.6#





#58

Fluorene

Concen: Below Cal

RT: 10.29 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

Instrument :

BNA_F

ClientSampleId :

VB-25203

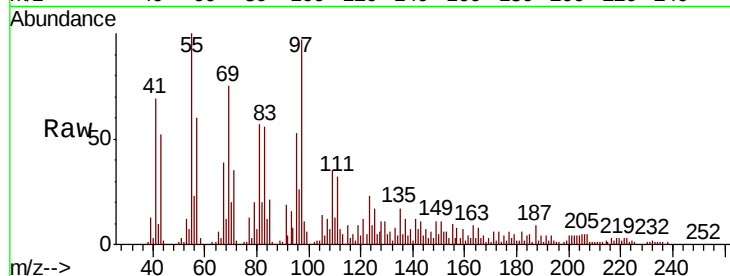
Tot Ion:166 Resp: 766

Ion Ratio Lower Upper

166 100

165 233.5 75.8 113.8#

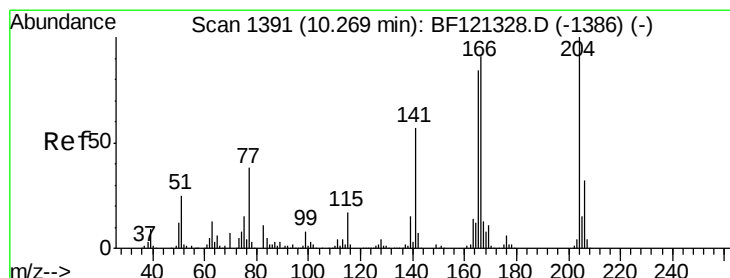
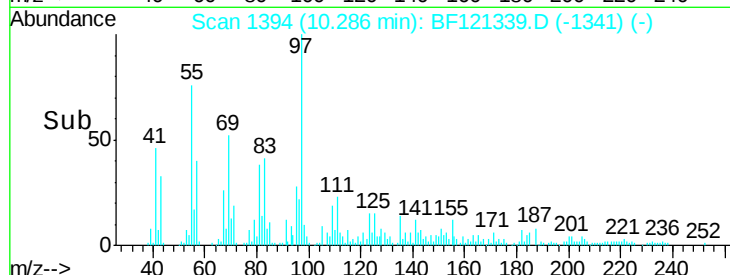
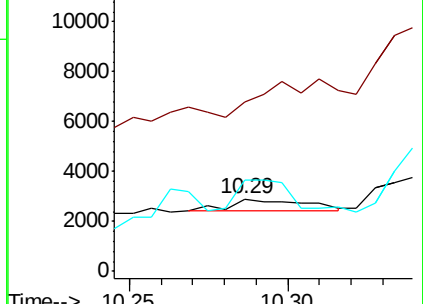
167 124.7 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

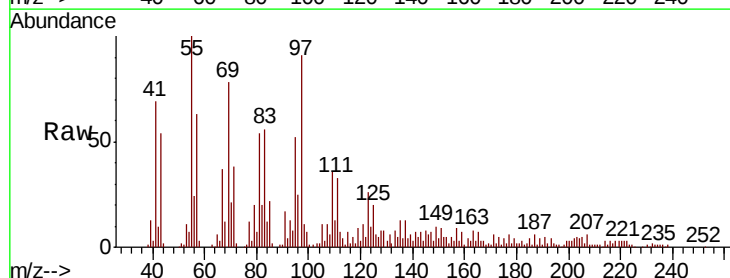
Tgt Ion:204 Resp: 2924

Ion Ratio Lower Upper

204 100

206 64.2 25.9 38.9#

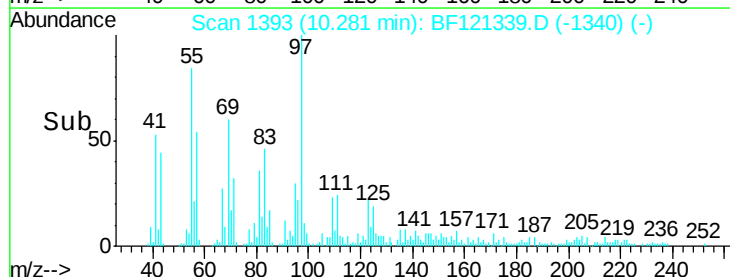
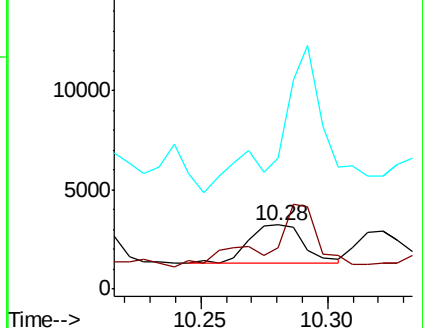
141 204.5 45.5 68.3#

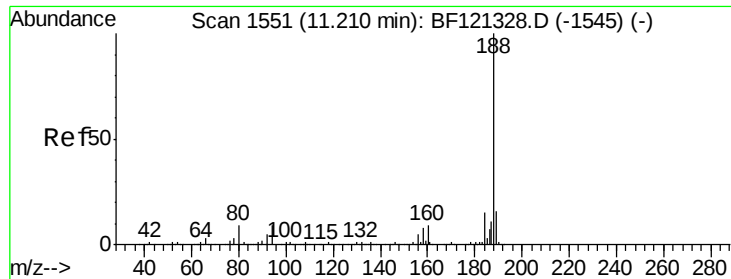


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

Instrument :

BNA_F

ClientSampleId :

VB-25203

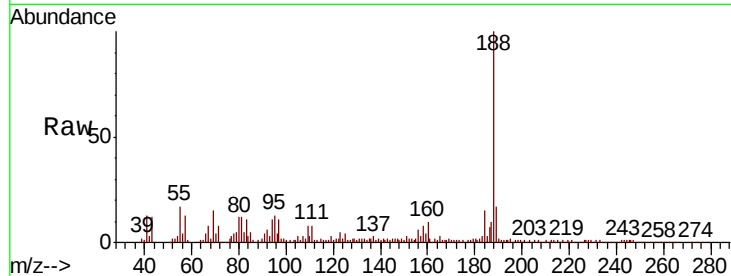
Tot Ion:188 Resp: 454916

Ion Ratio Lower Upper

188 100

94 11.3 7.2 10.8#

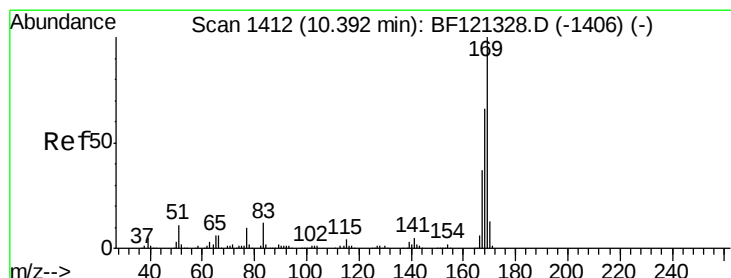
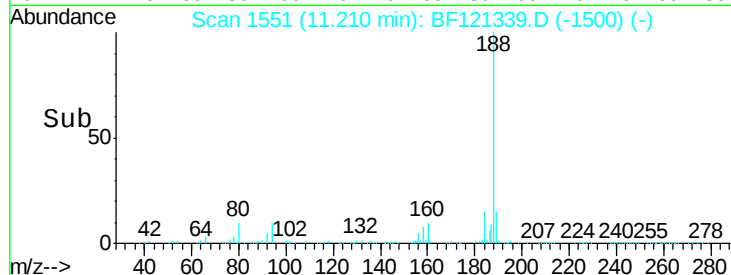
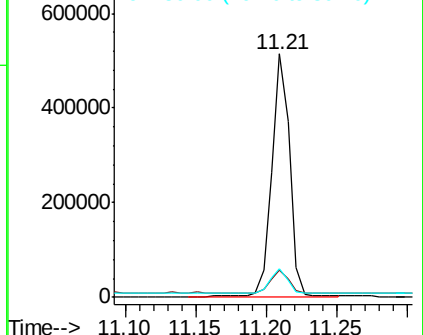
80 11.5 7.4 11.0#



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



#66

n-Nitrosodiphenylamine

Concen: 2.650 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.25 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

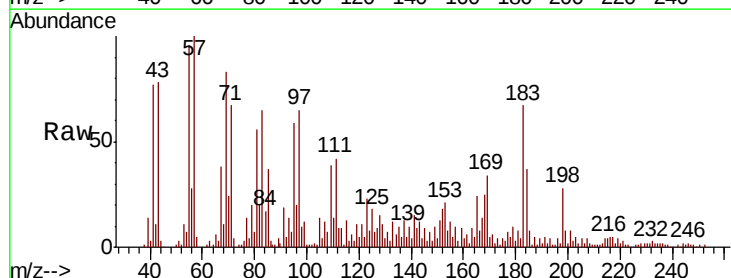
Tgt Ion:169 Resp: 37192

Ion Ratio Lower Upper

169 100

168 73.7 53.0 79.6

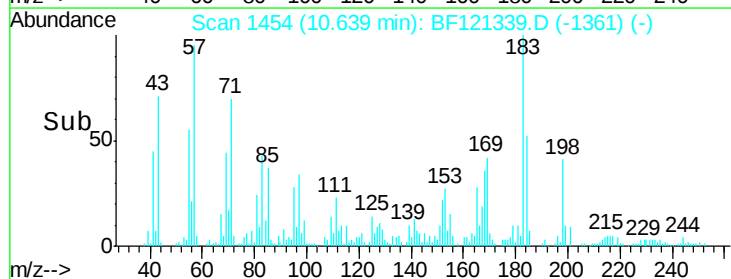
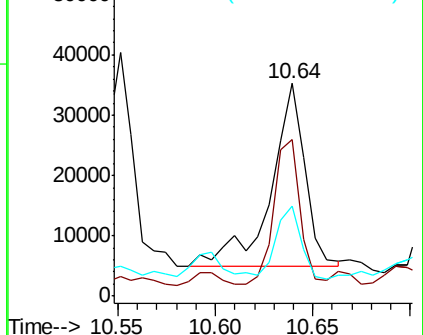
167 42.5 29.5 44.3

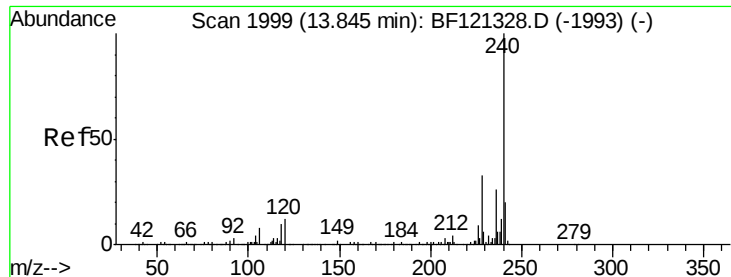


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

Instrument :

BNA_F

ClientSampleId :

VB-25203

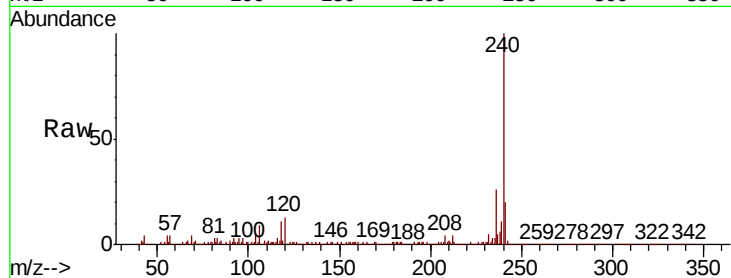
Tot Ion:240 Resp: 470712

Ion Ratio Lower Upper

240 100

120 13.1 9.6 14.4

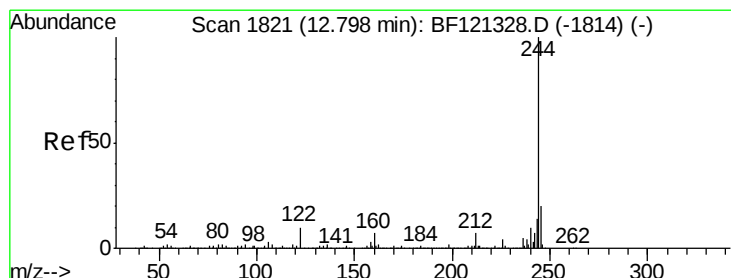
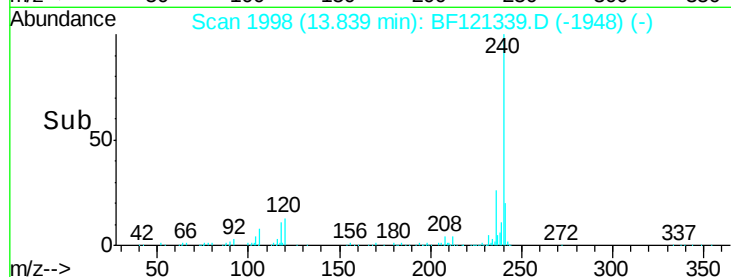
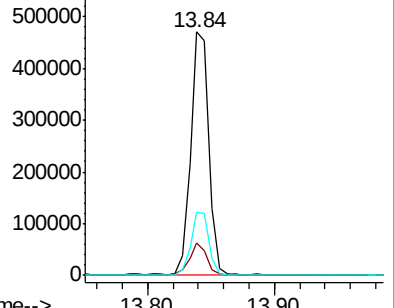
236 26.0 20.6 31.0



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: 12.012 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

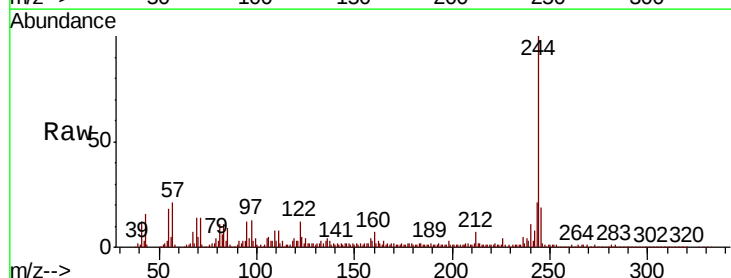
Tgt Ion:244 Resp: 289345

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

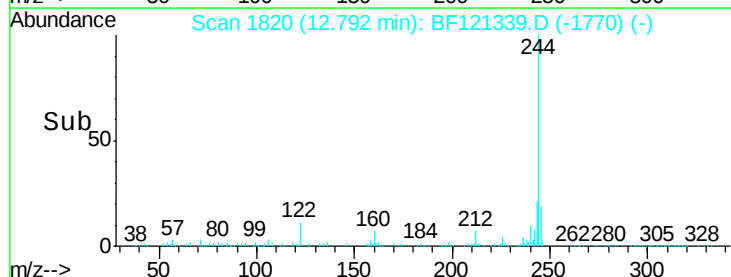
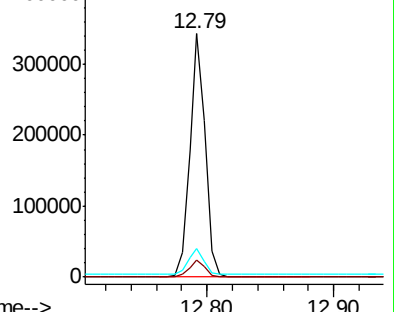
122 11.9 7.8 11.8#

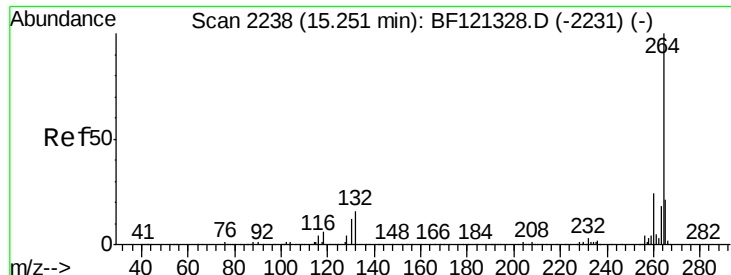


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF121339.D
 Acq: 20 Aug 2020 11:08

Instrument :
 BNA_F
 ClientSampleId :
 VB-25203

Tot Ion:	264	Resp:	446995
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.6	17.1	25.7

