

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121528.D
 Acq On : 8 Sep 2020 18:27
 Operator : JU/CG
 Sample : L3808-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-DP

Quant Time: Sep 08 19:08:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

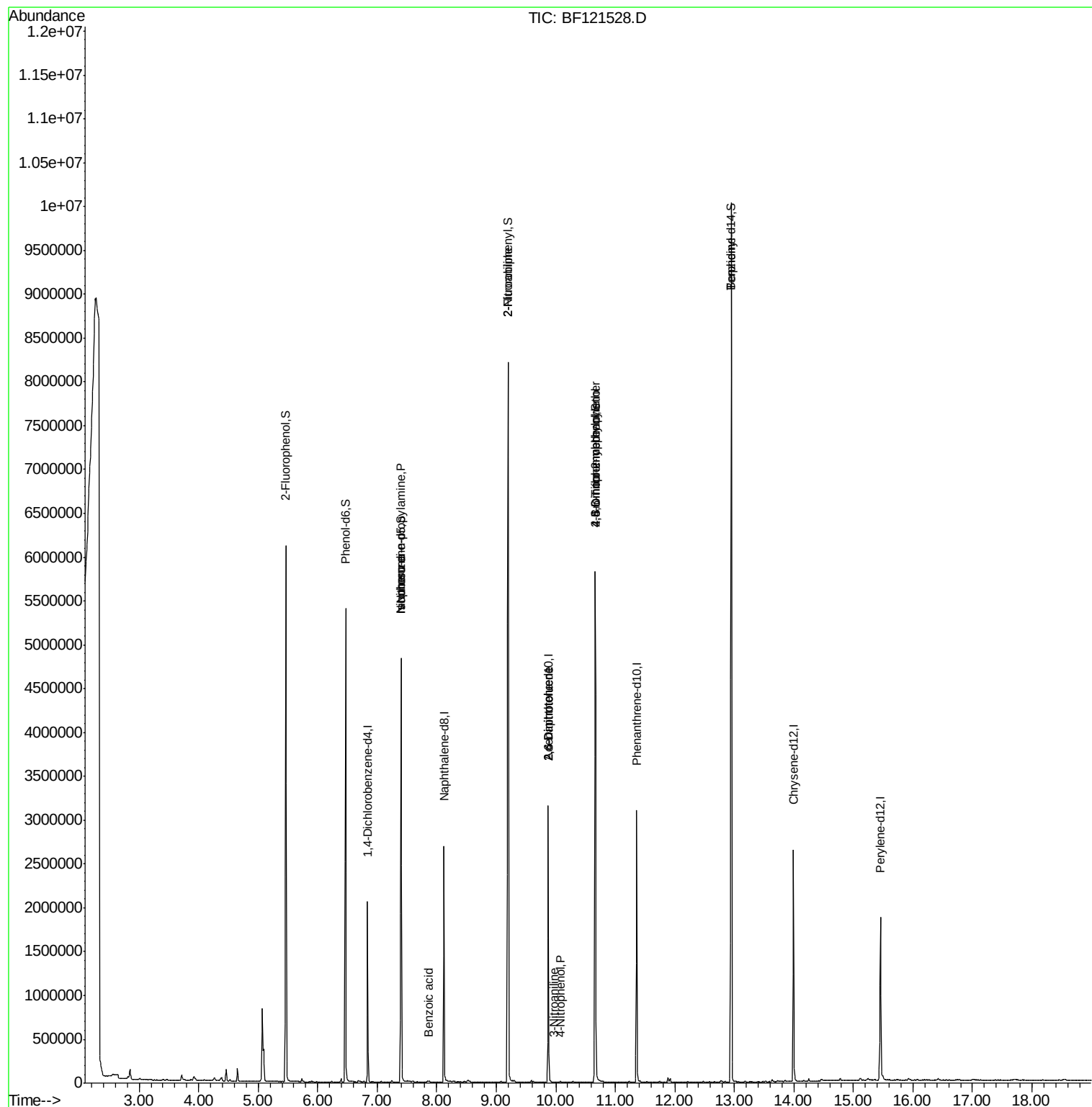
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	311053	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1188405	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	620418	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1209488	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	1004282	20.00	ng	-0.02
86) Perylene-d12	15.46	264	880453	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1801931	97.19	ng	0.00
7) Phenol-d6	6.47	99	2101469	81.11	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1681245	96.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	906688	144.69	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2978544	77.46	ng	-0.01
79) Terphenyl-d14	12.95	244	3458795	72.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	6878	Below Cal		91
19) n-Nitroso-di-n-propylamine	7.40	70	223027	15.404 ng	#	79
25) Isophorone	7.40	82	1669235	42.693 ng	#	63
32) Benzoic acid	7.85	122	3470	7.101 ng		98
48) 2-Nitroaniline	9.20	65	4515	7.008 ng	#	1
51) 2,6-Dinitrotoluene	9.87	165	81278	15.234 ng	#	22
53) 3-Nitroaniline	9.97	138	126	5.463 ng	#	1
56) 4-Nitrophenol	10.08	139	407	7.901 ng	#	10
57) 2,4-Dinitrotoluene	9.87	165	81278	14.289 ng	#	25
65) 4,6-Dinitro-2-methylphenol	10.66	198	1694	6.235 ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	51348	3.859 ng	#	1
77) Benzidine	12.95	184	48779	2.227 ng	#	93

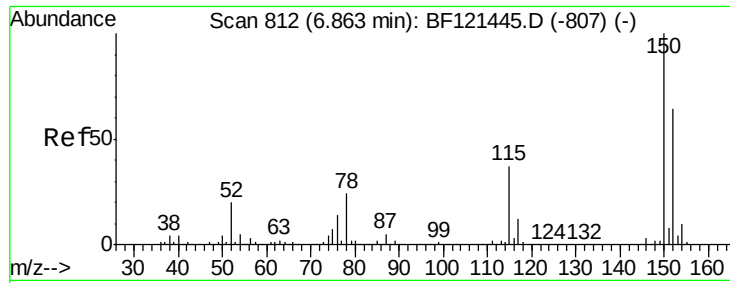
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121528.D
Acq On : 8 Sep 2020 18:27
Operator : JU/CG
Sample : L3808-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Quant Time: Sep 08 19:08:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration

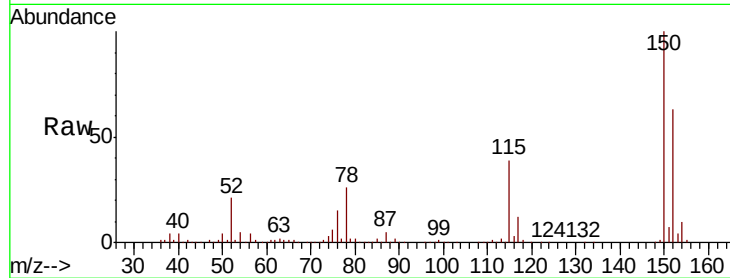




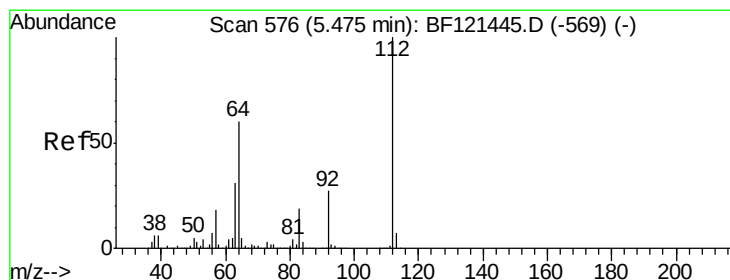
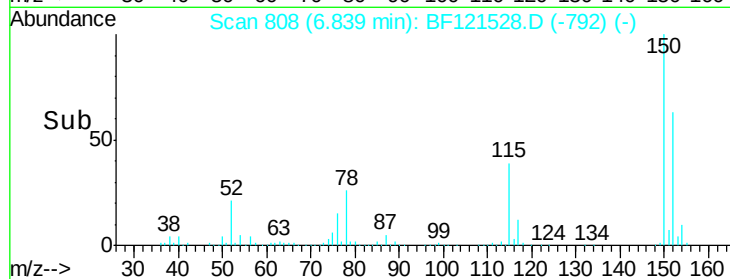
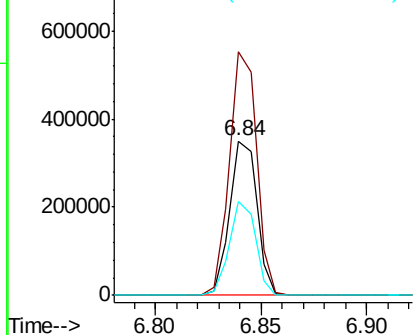
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-DP

Tot Ion:152 Resp: 311053
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.1 189.1
 115 61.0 48.4 72.6

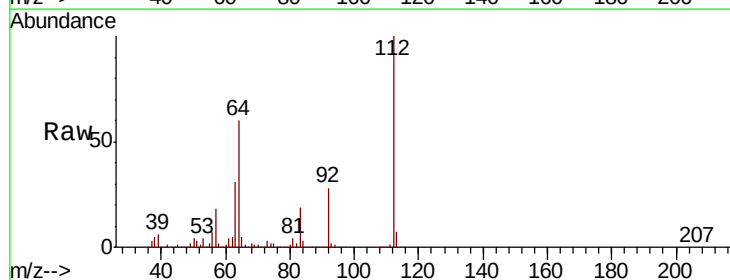


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

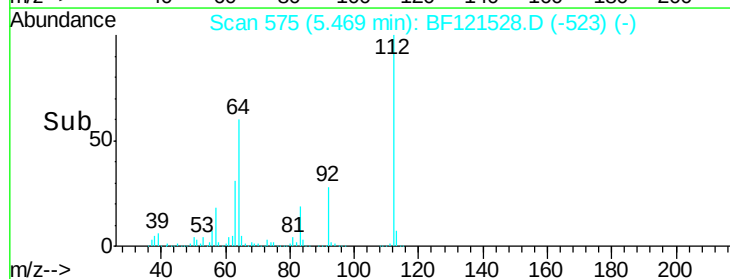
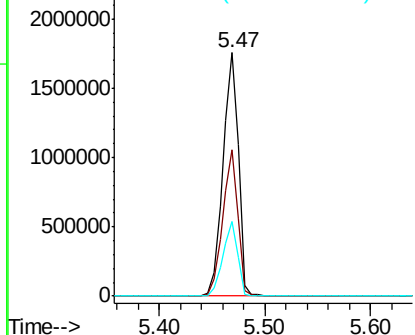


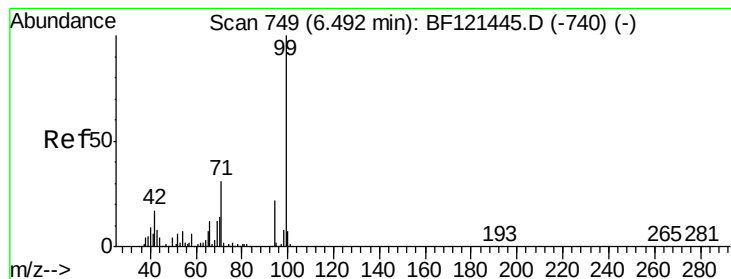
#5
 2-Fluorophenol
 Concen: 97.192 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

Tgt Ion:112 Resp: 1801931
 Ion Ratio Lower Upper
 112 100
 64 60.1 46.0 69.0
 63 30.5 23.4 35.2



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: 81.110 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121528.D

Acq: 8 Sep 2020 18:27

Instrument :

BNA_F

ClientSampleId :

PAV-B44-090320-DP

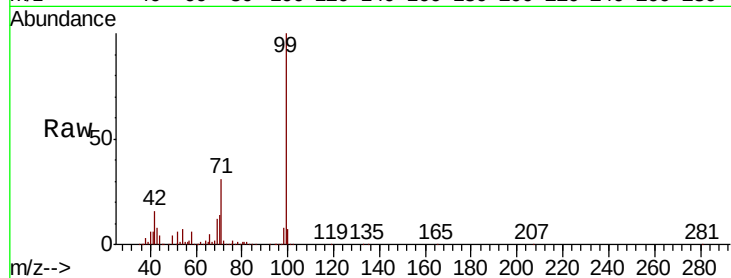
Tot Ion: 99 Resp: 2101469

Ion Ratio Lower Upper

99 100

42 16.1 13.0 19.4

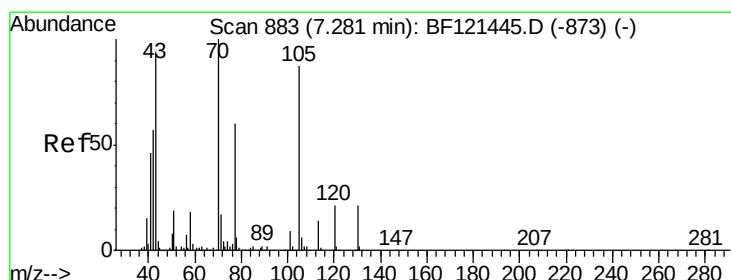
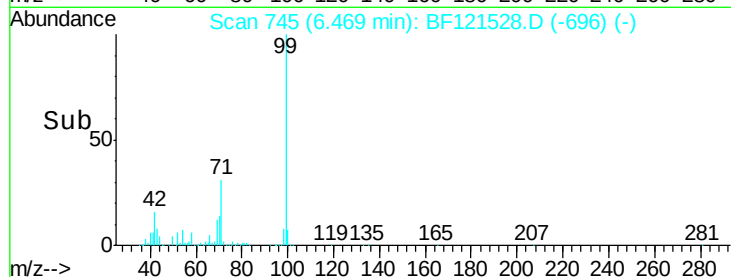
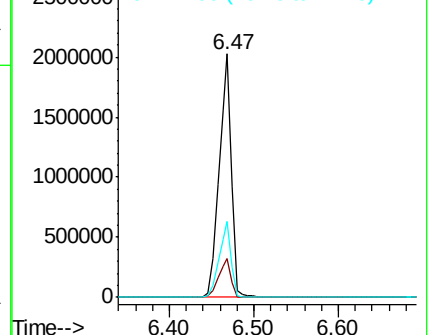
71 31.2 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.404 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF121528.D

Acq: 8 Sep 2020 18:27

Tgt Ion: 70 Resp: 223027

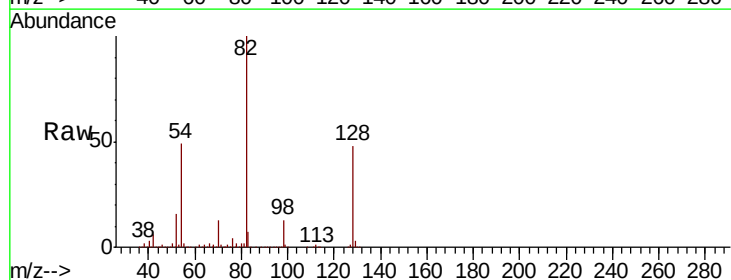
Ion Ratio Lower Upper

70 100

42 45.5 42.0 63.0

101 0.0 8.1 12.1#

130 2.4 18.3 27.5#

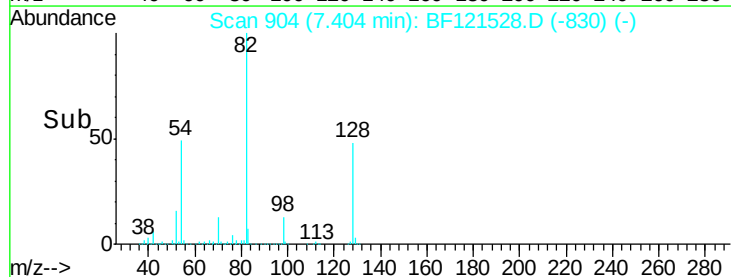
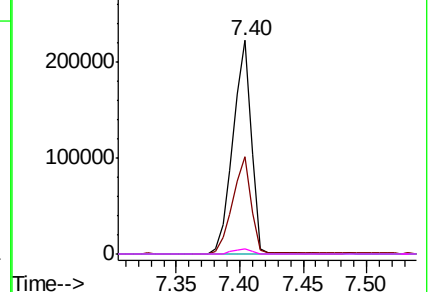


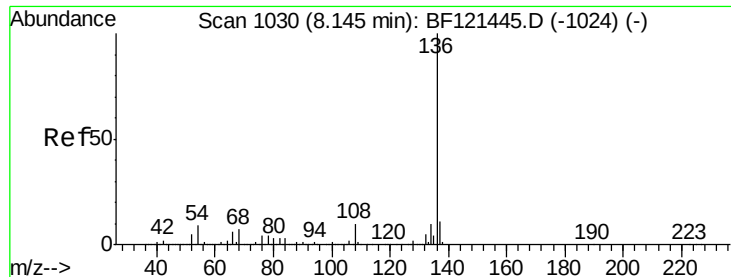
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

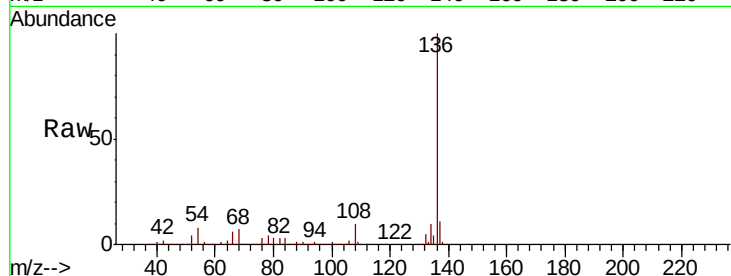




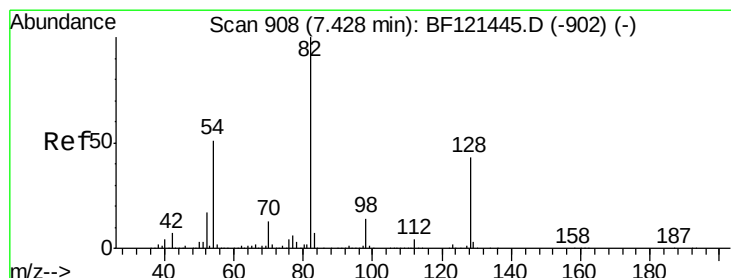
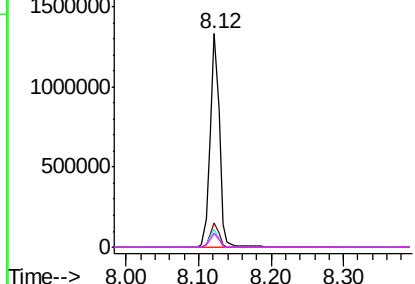
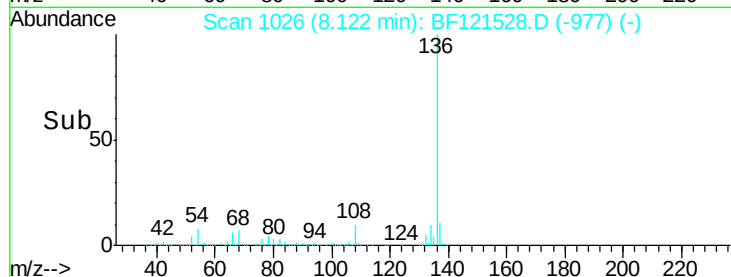
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tot Ion:136	Resp: 1188405
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 8.4	6.2 9.4
68 6.8	5.1 7.7

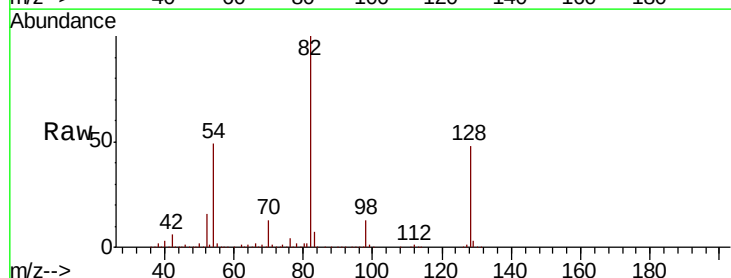


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

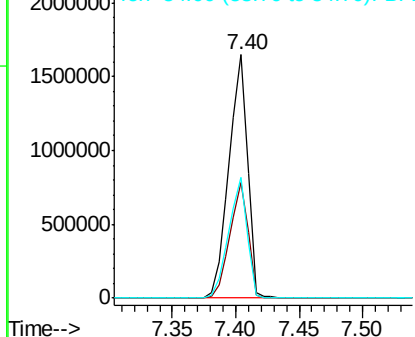
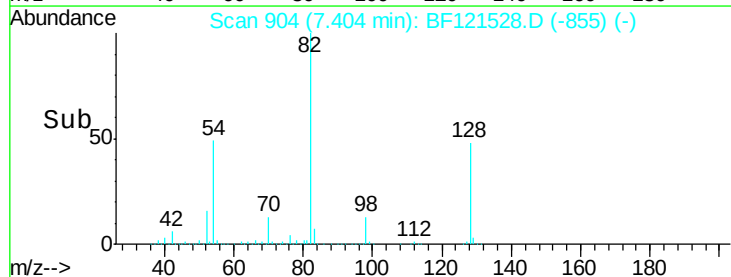


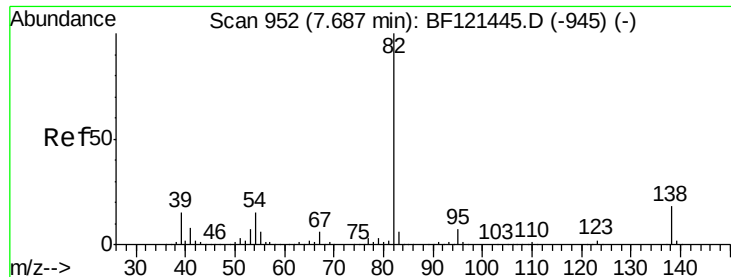
#23
Nitrobenzene-d5
Concen: 96.717 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion: 82	Resp: 1681245
Ion Ratio	Lower Upper
82 100	
128 47.6	37.3 55.9
54 49.4	39.0 58.6



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: 42.693 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF121528.D

Acq: 8 Sep 2020 18:27

Instrument :

BNA_F

ClientSampleId :

PAV-B44-090320-DP

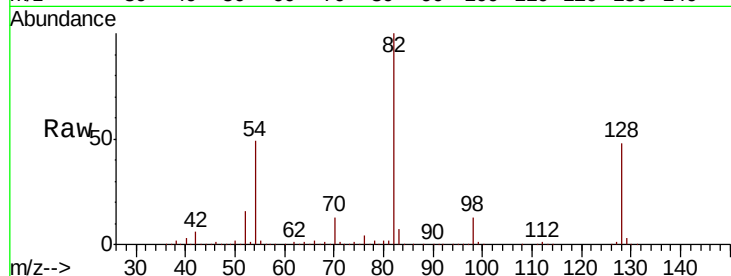
Tot Ion: 82 Resp: 1669235

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

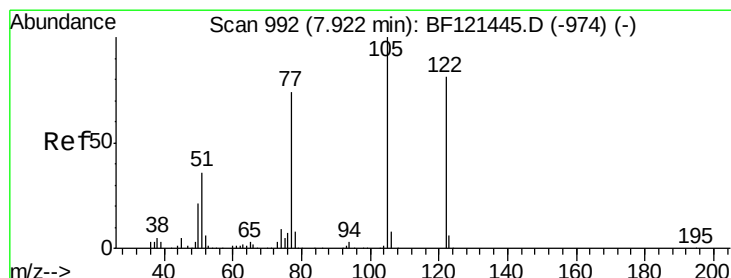
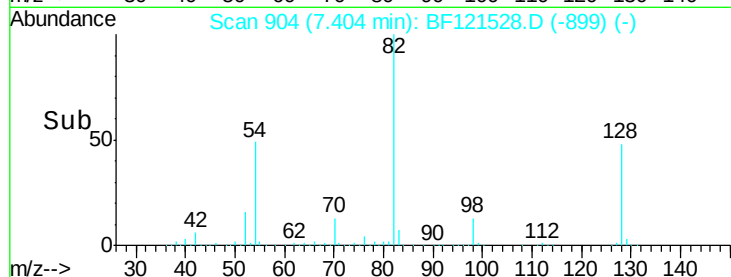
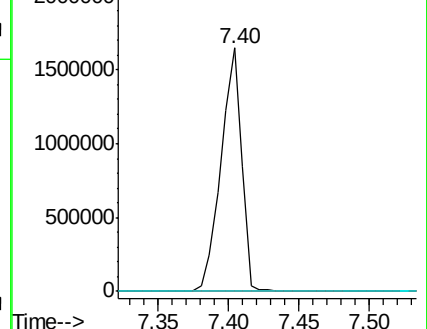
138 0.0 15.6 23.4#



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: 7.101 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.06 min

Lab File: BF121528.D

Acq: 8 Sep 2020 18:27

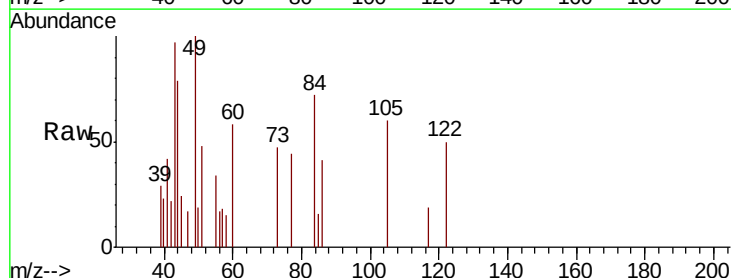
Tgt Ion: 122 Resp: 3470

Ion Ratio Lower Upper

122 100

105 119.8 102.2 142.2

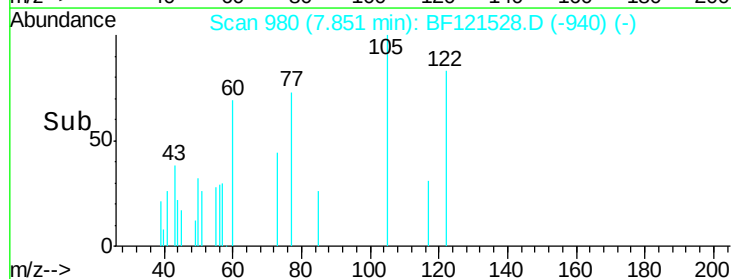
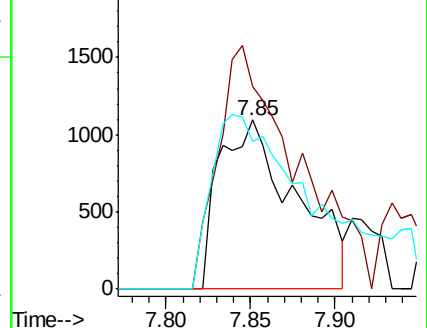
77 87.8 69.8 109.8

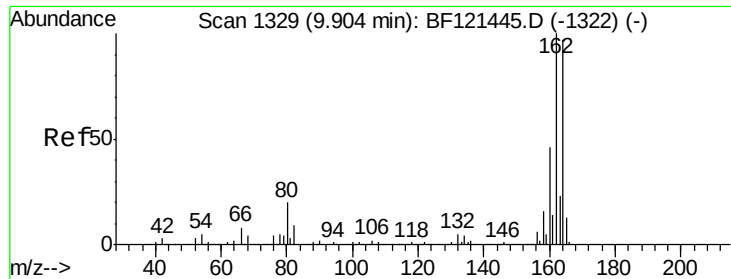


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

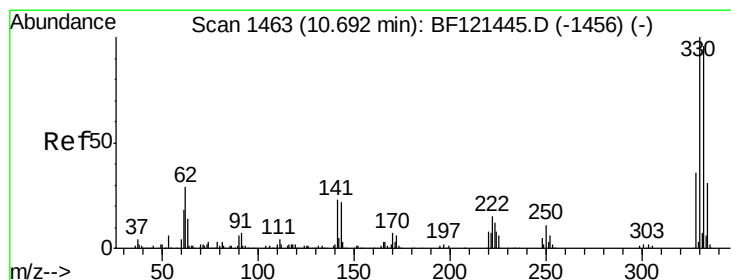
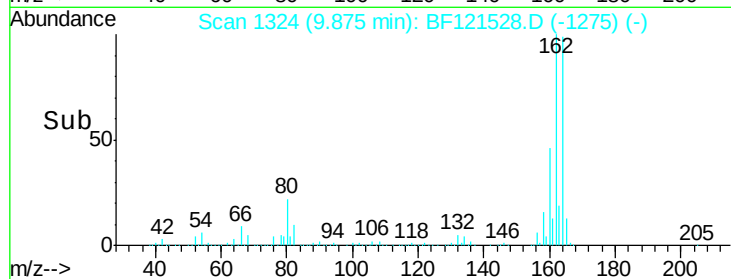
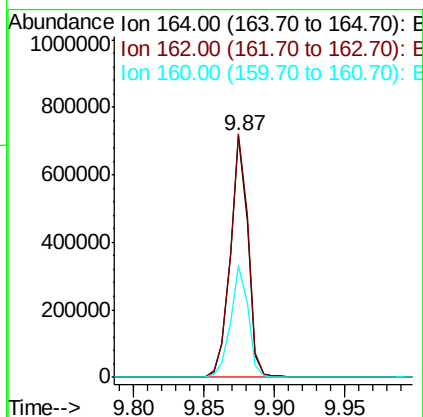
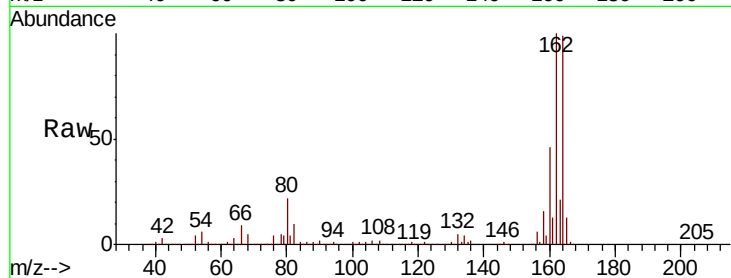




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

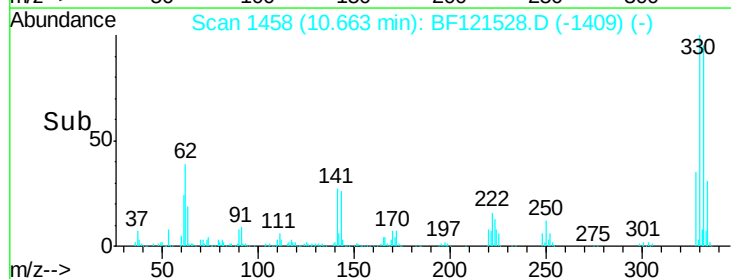
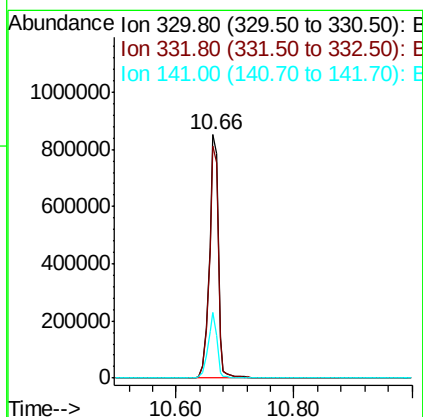
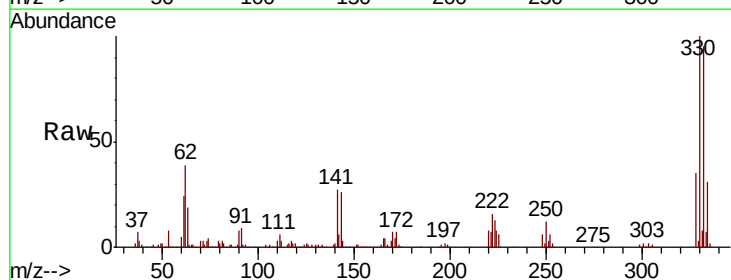
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-DP

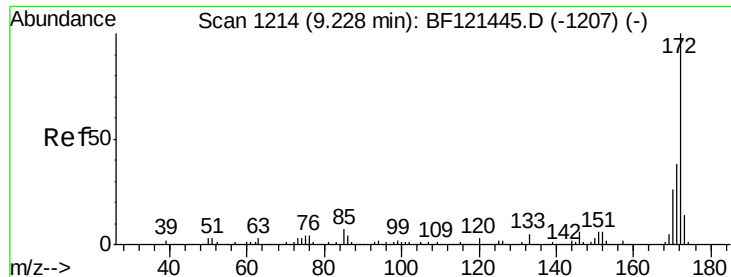
Tot Ion:164 Resp: 620418
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.5 120.7
 160 46.1 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 144.687 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

Tgt Ion:330 Resp: 906688
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.2
 141 27.0 22.6 34.0

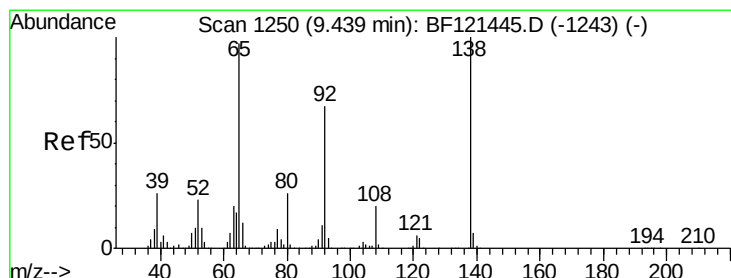
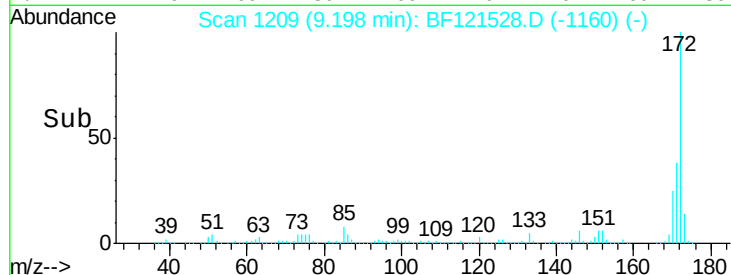
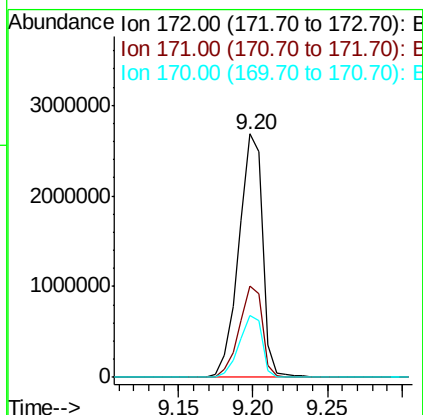
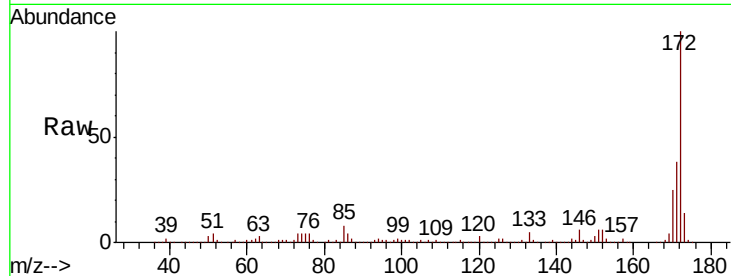




#45
 2-Fluorobiphenyl
 Concen: 77.463 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

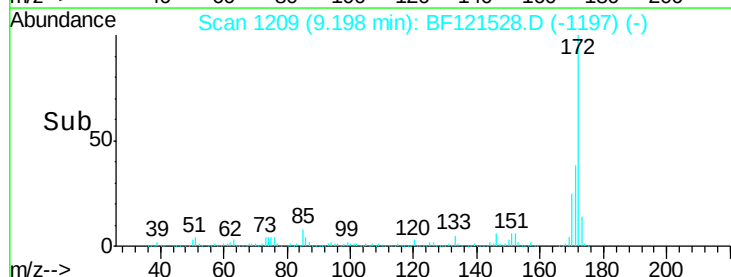
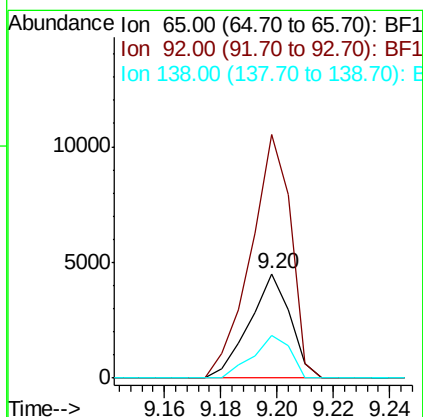
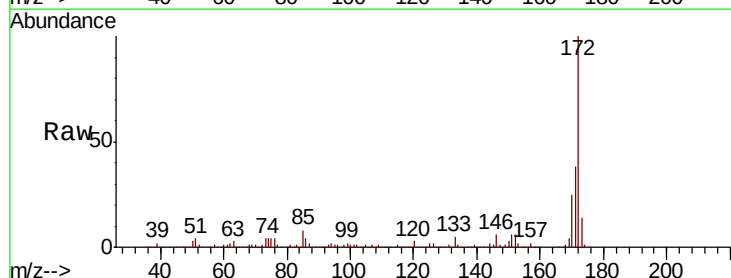
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-DP

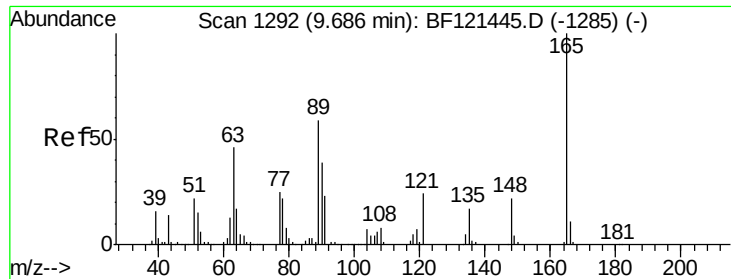
Tot Ion:172 Resp: 2978544
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.4 45.6
 170 25.5 20.7 31.1



#48
 2-Nitroaniline
 Concen: 7.008 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.23 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

Tgt Ion: 65 Resp: 4515
 Ion Ratio Lower Upper
 65 100
 92 233.5 58.6 87.8#
 138 40.4 88.6 133.0#

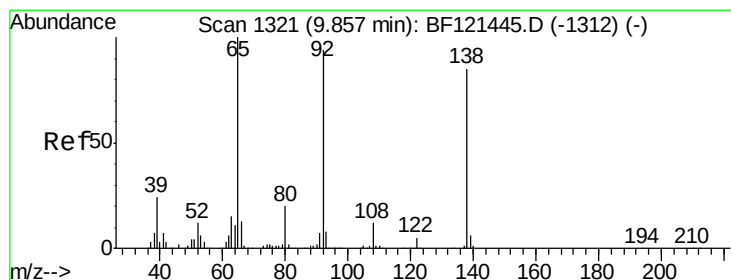
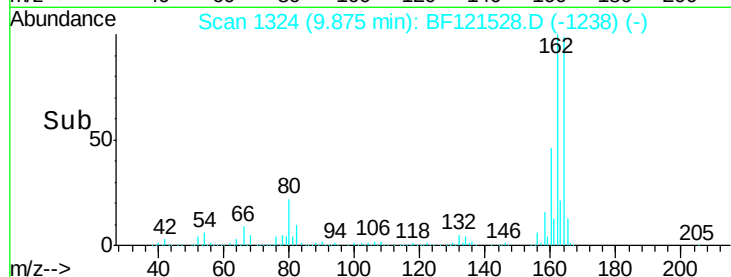
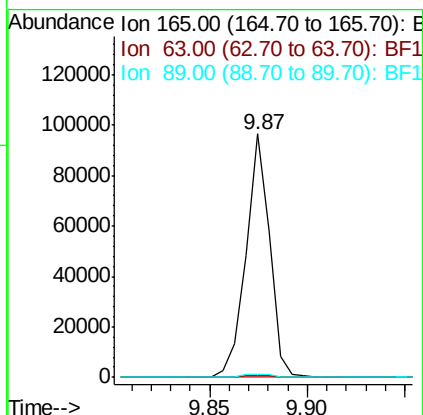
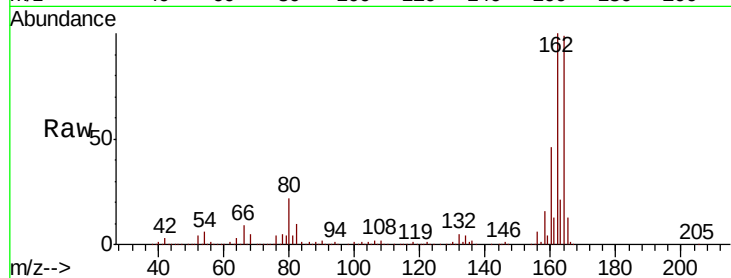




#51
 2,6-Dinitrotoluene
 Concen: 15.234 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

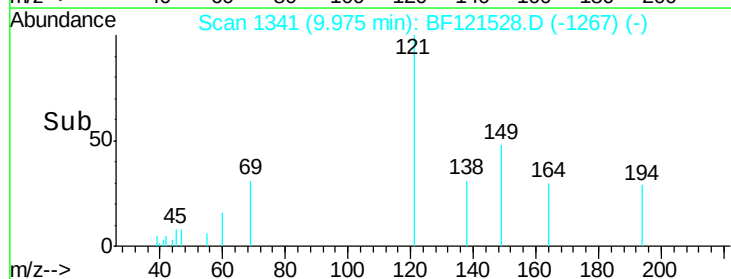
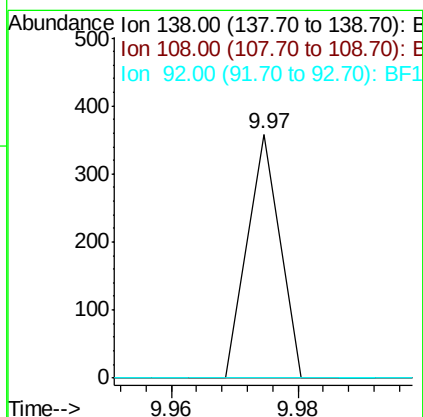
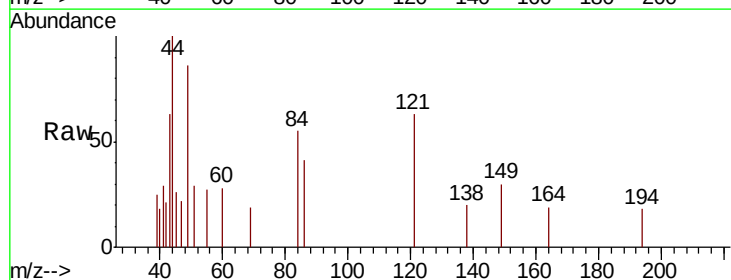
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-DP

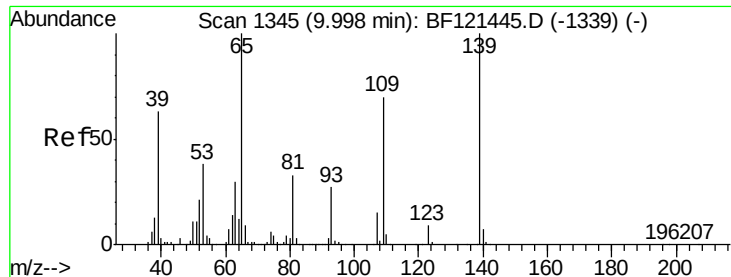
Tot Ion:165 Resp: 81278
 Ion Ratio Lower Upper
 165 100
 63 0.9 47.4 71.0#
 89 1.3 47.9 71.9#



#53
 3-Nitroaniline
 Concen: 5.463 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.14 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

Tgt Ion:138 Resp: 126
 Ion Ratio Lower Upper
 138 100
 108 0.0 8.7 13.1#
 92 0.0 91.1 136.7#





#56

4-Nitrophenol

Concen: 7.901 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.09 min

Lab File: BF121528.D

Acq: 8 Sep 2020 18:27

Instrument :

BNA_F

ClientSampleId :

PAV-B44-090320-DP

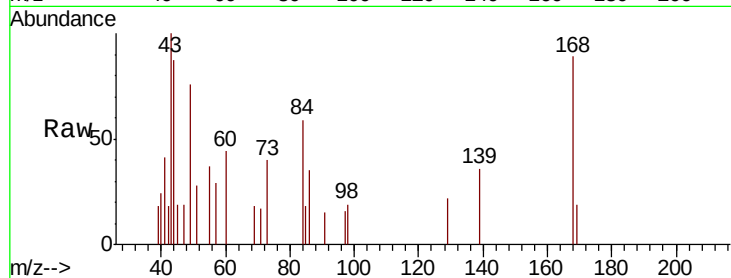
Tot Ion:139 Resp: 407

Ion Ratio Lower Upper

139 100

109 0.0 44.3 84.3#

65 0.0 70.2 110.2#

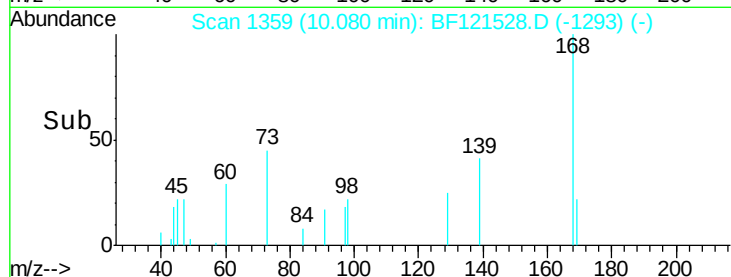


Abundance Ion 139.00 (138.70 to 139.70): E

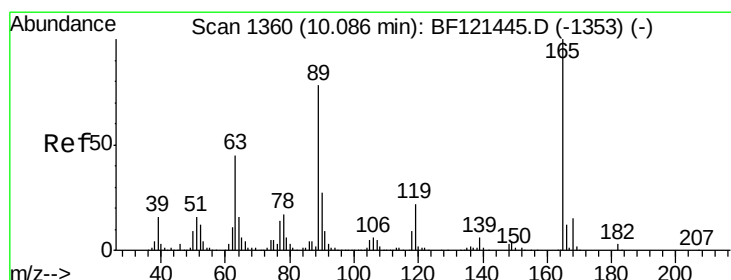
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

Time-->



Time-->



#57

2,4-Dinitrotoluene

Concen: 14.289 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.20 min

Lab File: BF121528.D

Acq: 8 Sep 2020 18:27

Tgt Ion:165 Resp: 81278

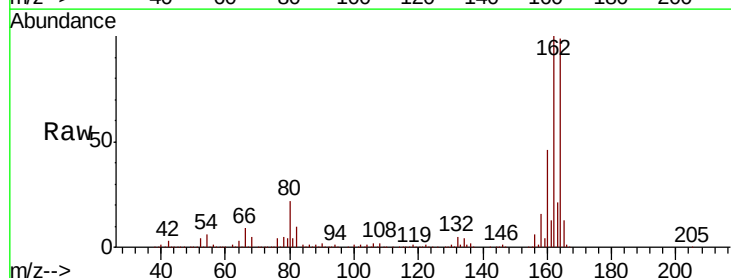
Ion Ratio Lower Upper

165 100

63 0.9 33.6 50.4#

89 1.3 56.4 84.6#

182 0.0 2.2 3.4#



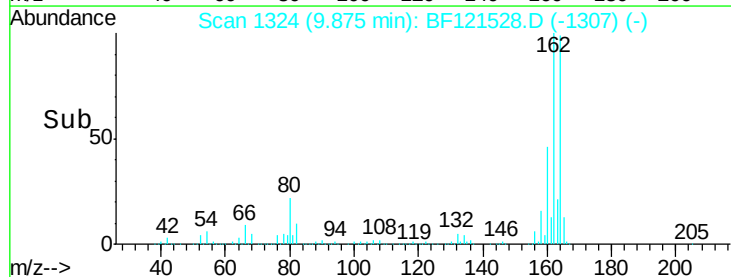
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

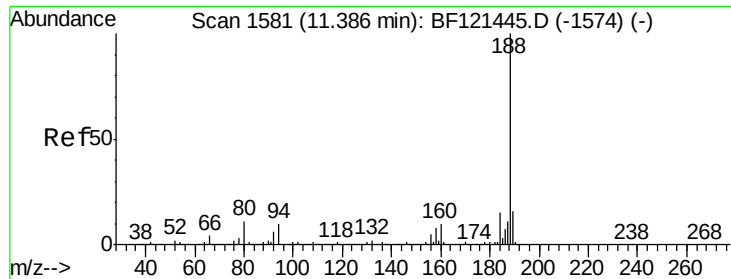
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time-->



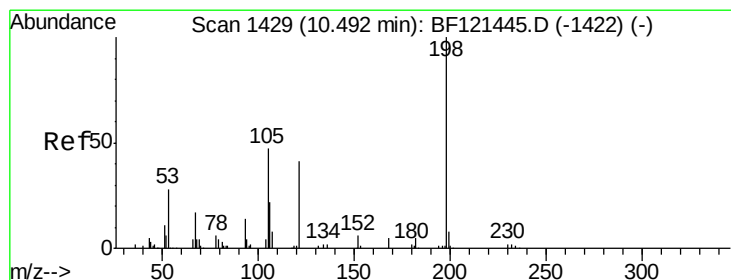
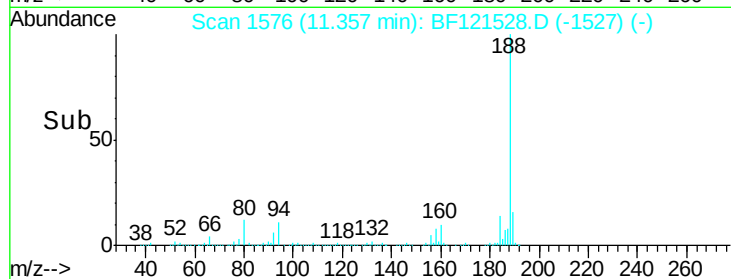
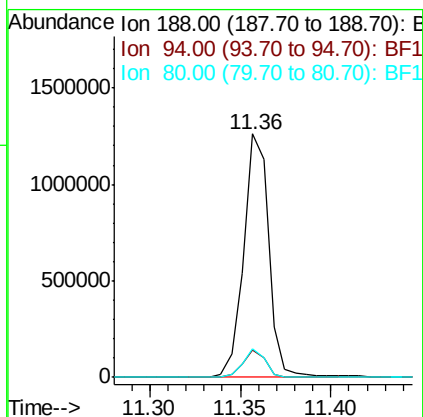
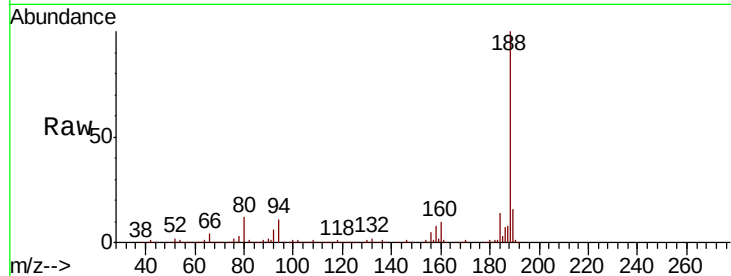
Time-->



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

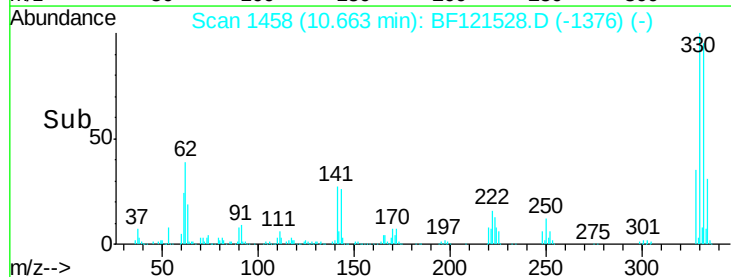
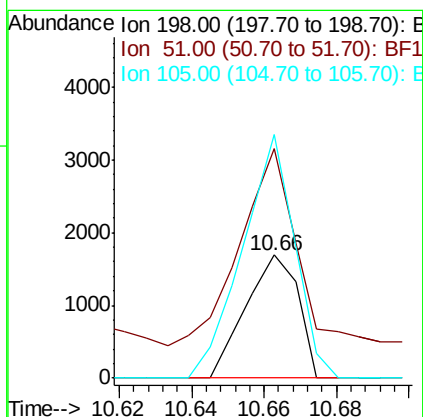
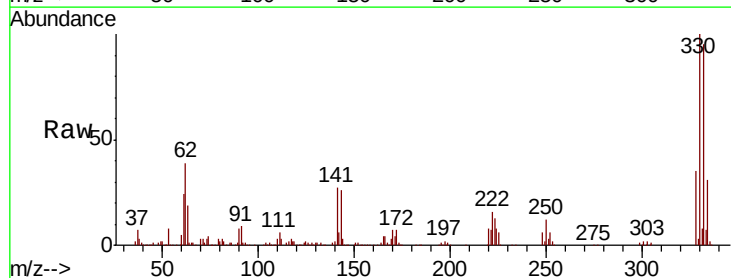
Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

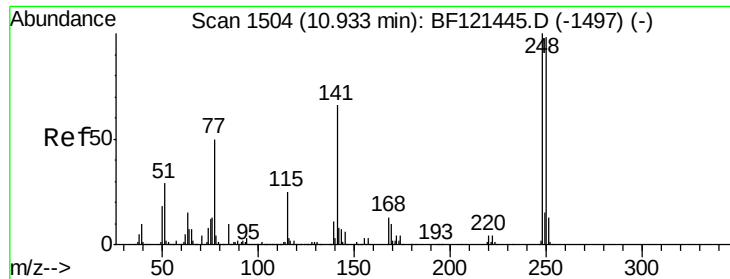
Tot Ion:188 Resp: 1209488
Ion Ratio Lower Upper
188 100
94 11.2 8.8 13.2
80 11.6 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.235 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.18 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion:198 Resp: 1694
Ion Ratio Lower Upper
198 100
51 186.4 24.9 64.9#
105 198.1 25.8 65.8#

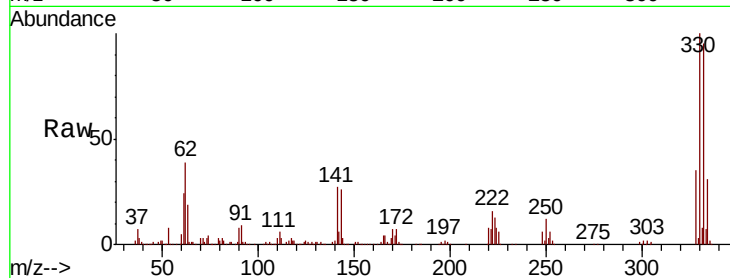




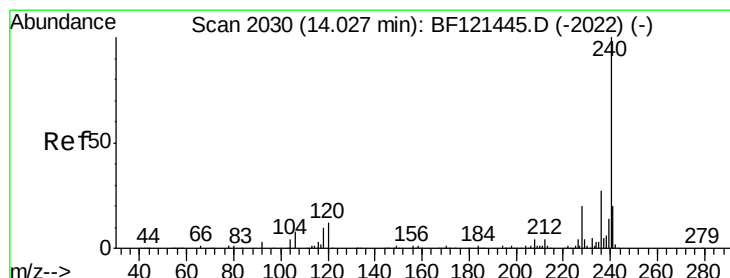
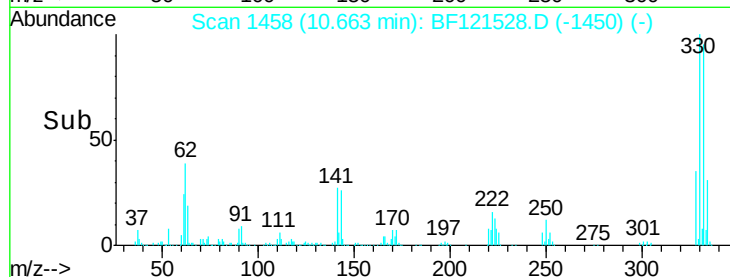
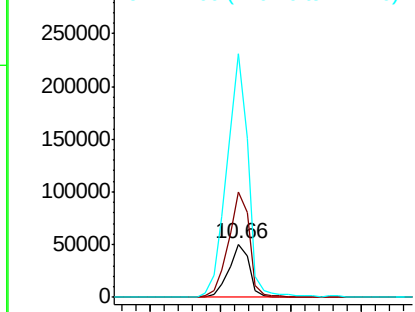
#67
 4-Bromophenyl-phenylether
 Concen: 3.859 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-DP

Tot Ion:248 Resp: 51348
 Ion Ratio Lower Upper
 248 100
 250 197.3 77.8 116.6#
 141 458.2 56.4 84.6#

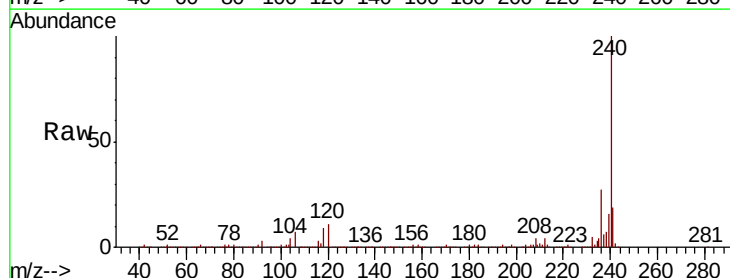


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

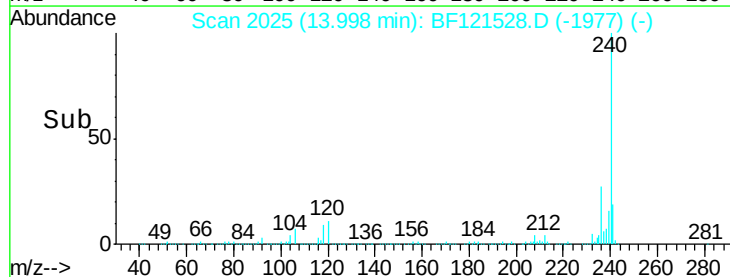
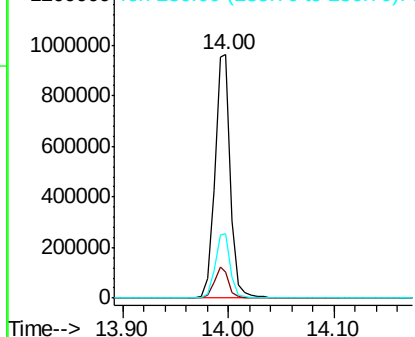


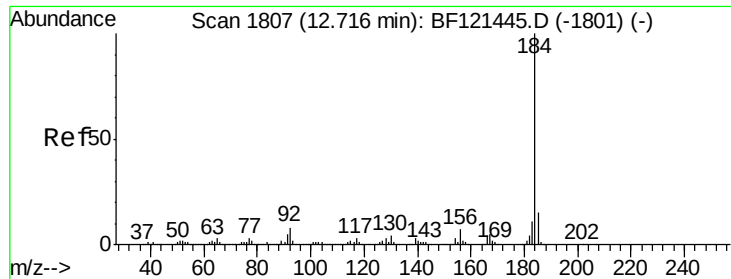
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

Tgt Ion:240 Resp: 1004282
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.0 12.0
 236 26.6 21.4 32.2



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





#77

Benzidine

Concen: 2.227 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.25 min

Lab File: BF121528.D

Acq: 8 Sep 2020 18:27

Instrument :

BNA_F

ClientSampleId :

PAV-B44-090320-DP

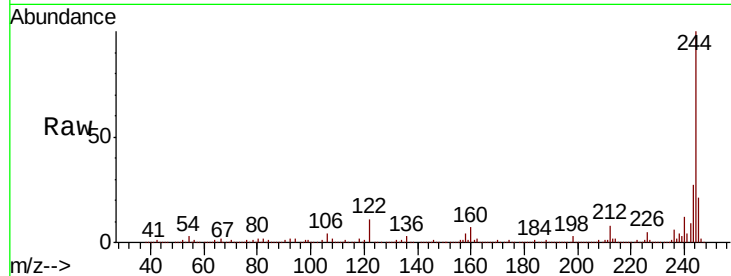
Tot Ion:184 Resp: 48779

Ion Ratio Lower Upper

184 100

185 16.6 11.5 17.3

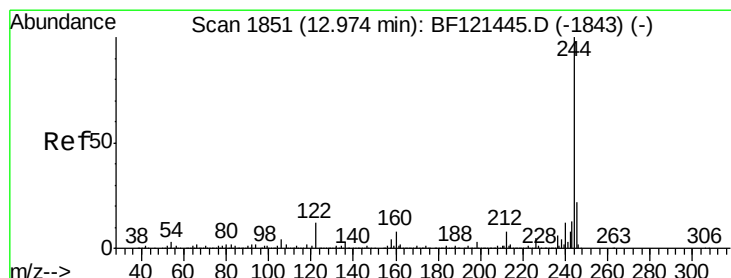
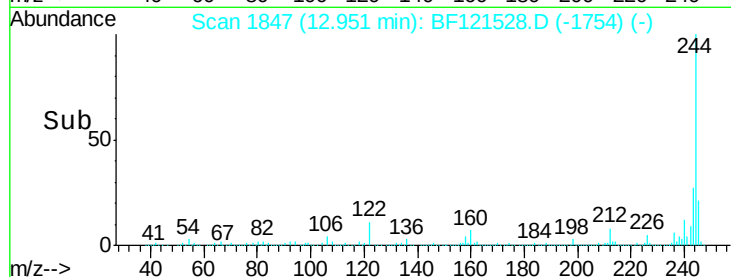
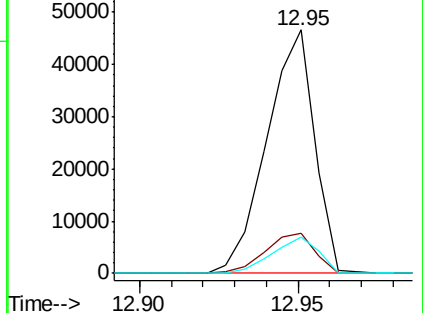
183 15.0 9.0 13.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 72.496 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF121528.D

Acq: 8 Sep 2020 18:27

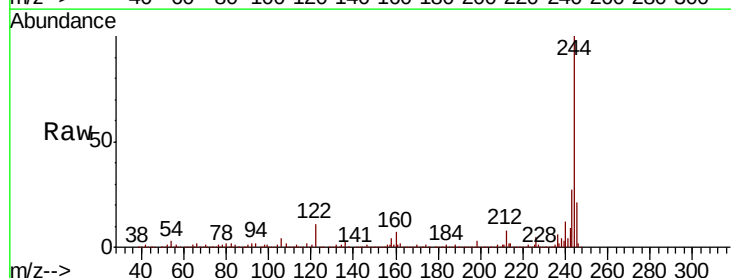
Tgt Ion:244 Resp: 3458795

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

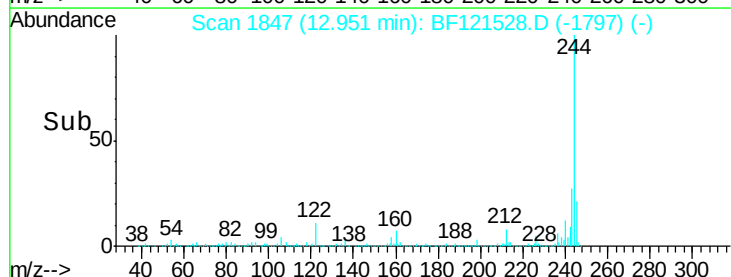
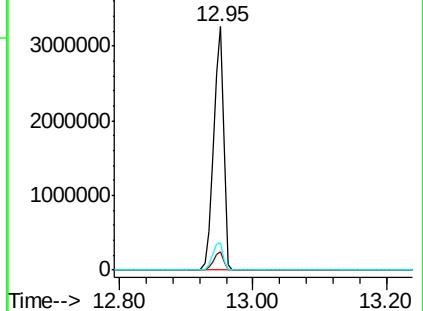
122 11.0 9.3 13.9

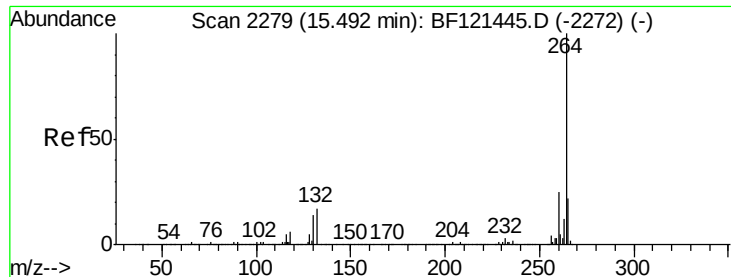


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.6	17.4	26.2

