

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121392.D
 Acq On : 24 Aug 2020 11:05
 Operator : JU/CG
 Sample : PB131098BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BL

Quant Time: Aug 24 11:51:48 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

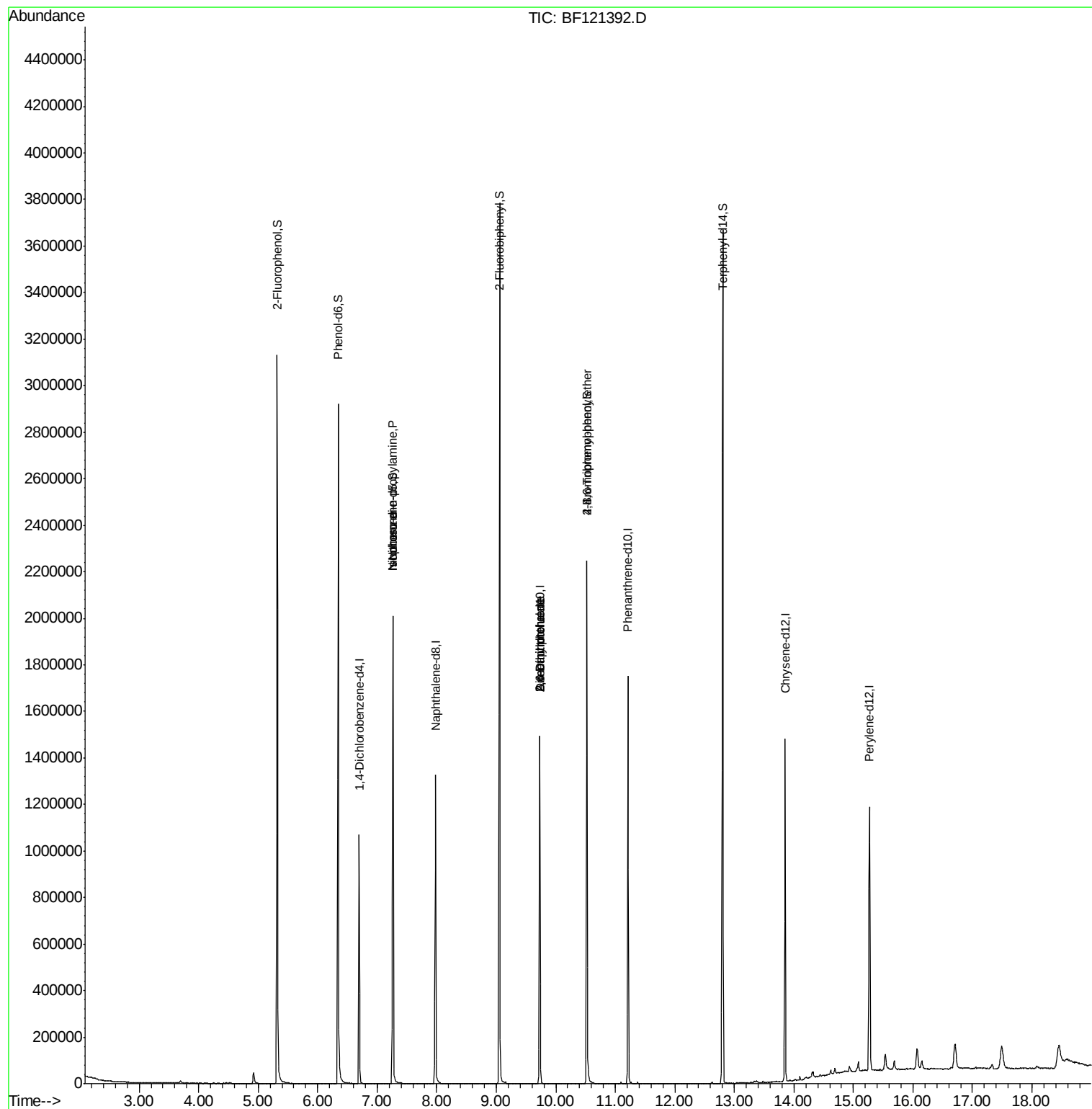
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	160674	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	645085	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	334248	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	642615	20.00	ng	0.00
76) Chrysene-d12	13.85	240	536264	20.00	ng	0.00
86) Perylene-d12	15.27	264	516066	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1016119	103.70	ng	0.02
7) Phenol-d6	6.35	99	1248006	99.77	ng	0.00
23) Nitrobenzene-d5	7.26	82	847740	74.32	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	371340	95.34	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1469864	84.32	ng	0.00
79) Terphenyl-d14	12.80	244	1481158	53.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	111410	16.560	ng	# 77
25) Isophorone	7.26	82	833369	40.148	ng	# 65
50) Dimethylphthalate	9.73	163	73959	3.041	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	43049	8.289	ng	# 29
57) 2,4-Dinitrotoluene	9.73	165	43049	6.795	ng	# 25
58) Fluorene	10.52	166	14415	Below Cal		# 90
67) 4-Bromophenyl-phenylether	10.53	248	20636	2.895	ng	# 1

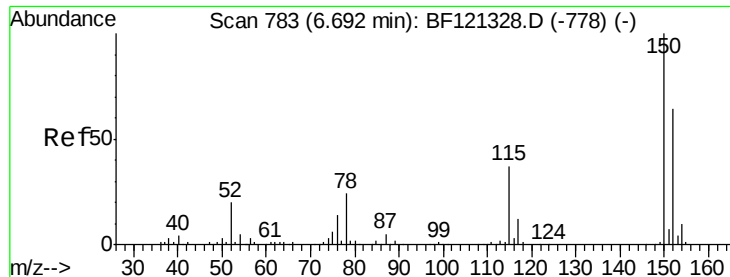
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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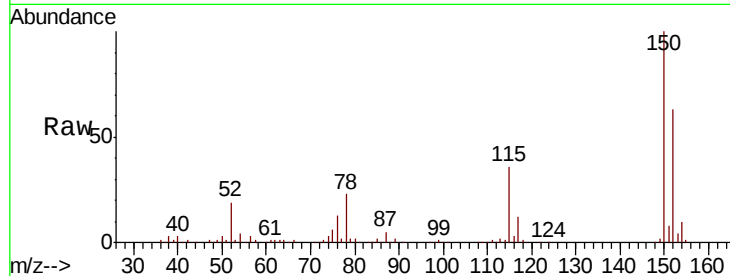


#1

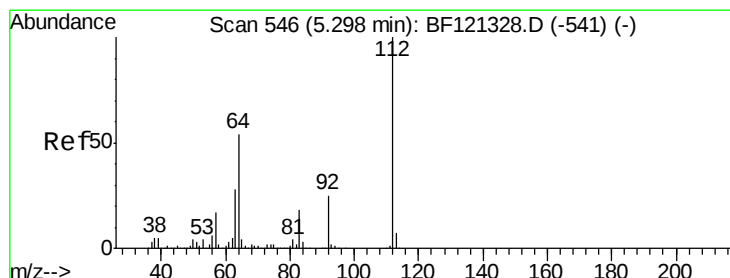
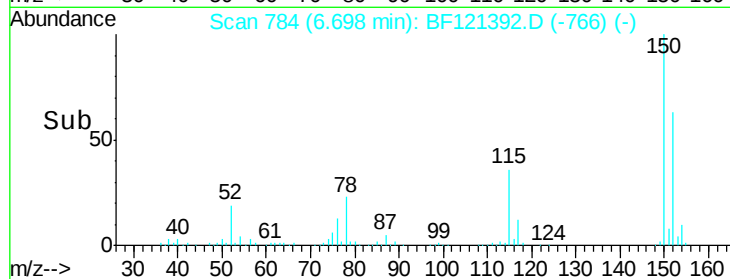
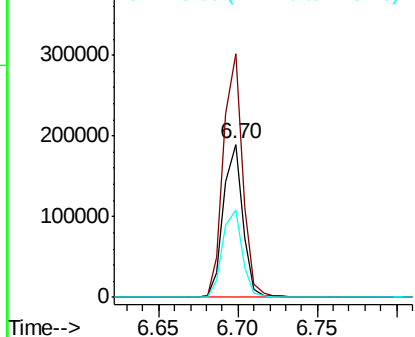
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF121392.D
 Acq: 24 Aug 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BL

Tot Ion:152 Resp: 160674
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.8 187.2
 115 57.2 46.1 69.1



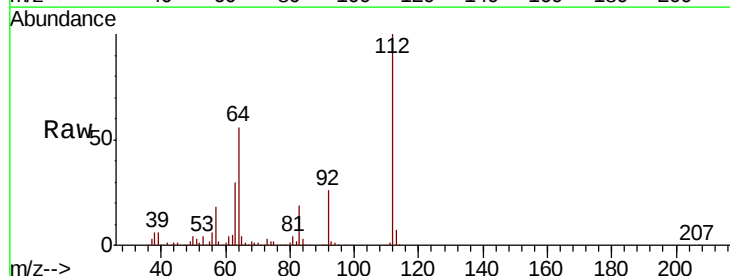
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



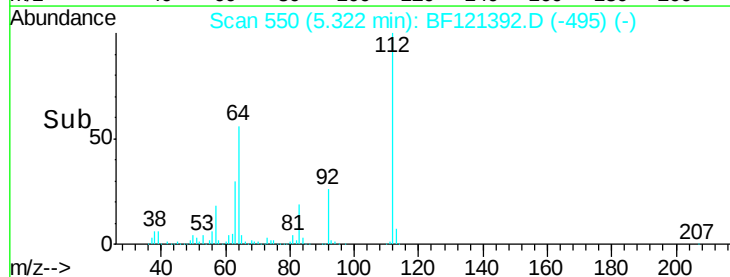
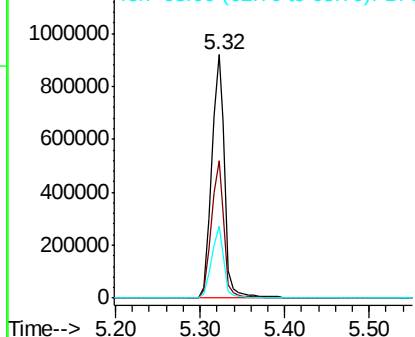
#5

2-Fluorophenol
 Concen: 103.698 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.02 min
 Lab File: BF121392.D
 Acq: 24 Aug 2020 11:05

Tgt Ion:112 Resp: 1016119
 Ion Ratio Lower Upper
 112 100
 64 56.4 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: 99.768 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB131098BL

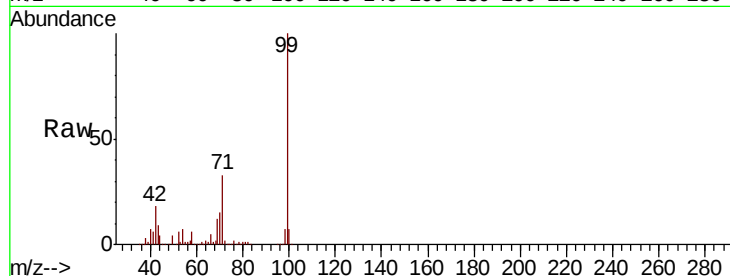
Tot Ion: 99 Resp: 1248006

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

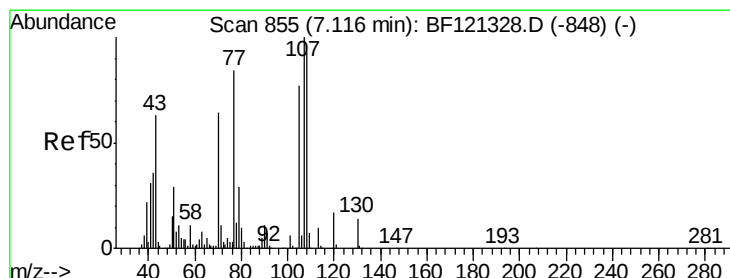
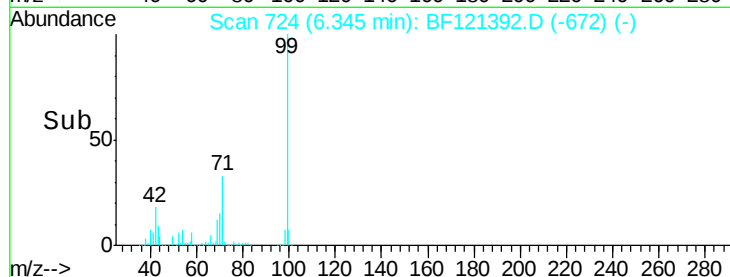
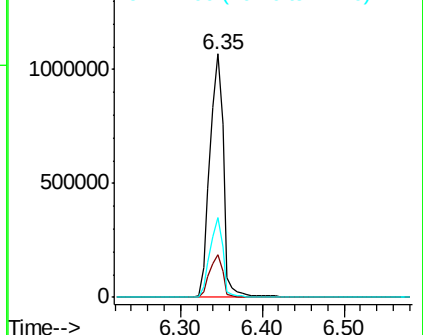
71 32.9 25.2 37.8



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: 16.560 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.15 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

Tgt Ion: 70 Resp: 111410

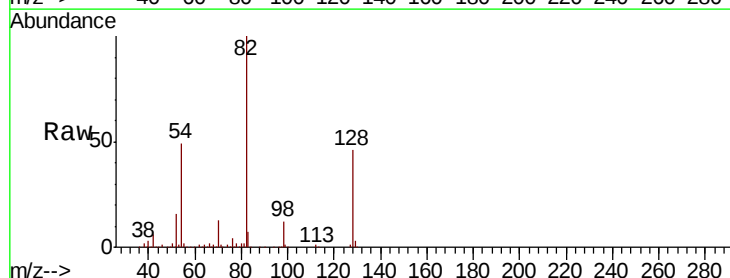
Ion Ratio Lower Upper

70 100

42 45.4 45.2 67.8

101 0.0 7.7 11.5#

130 2.6 17.6 26.4#

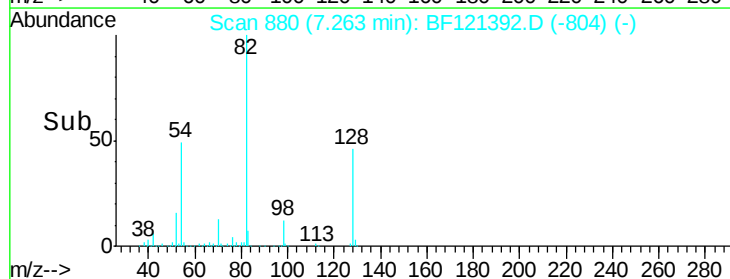
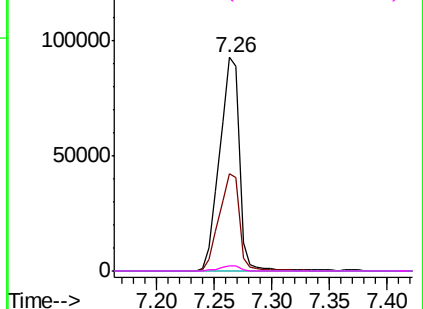


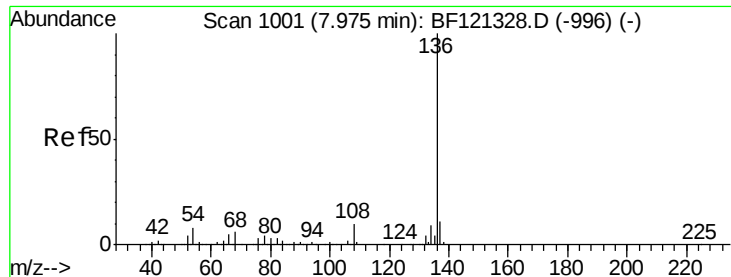
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

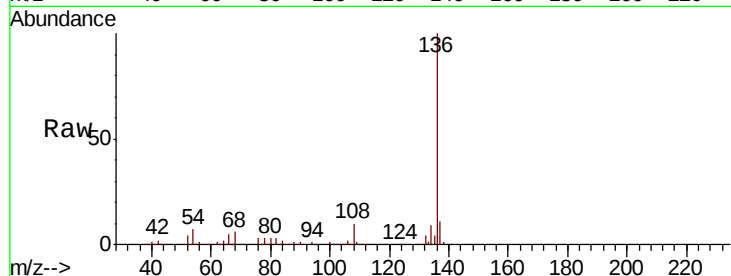




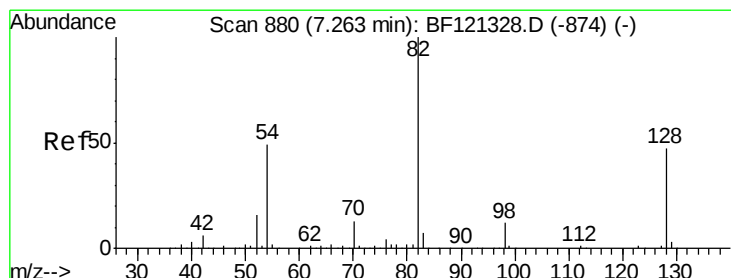
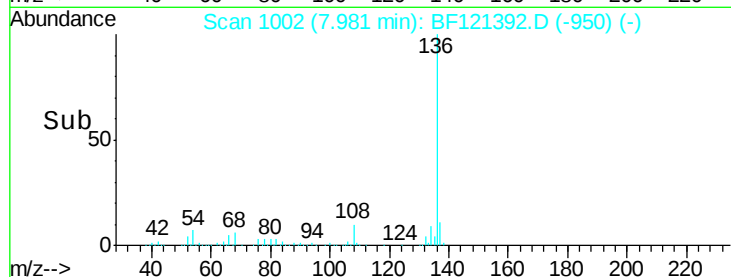
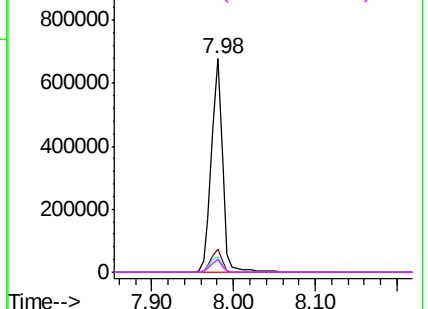
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF121392.D
Acq: 24 Aug 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB131098BL

Tot Ion:136	Resp:	645085
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.3	6.1 9.1
68	5.8	5.0 7.4

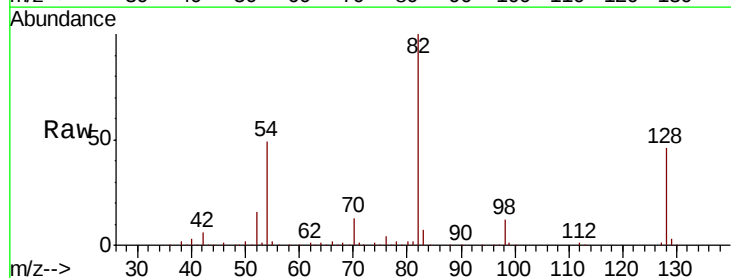


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

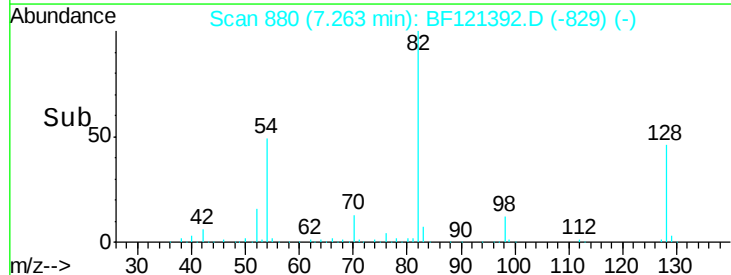
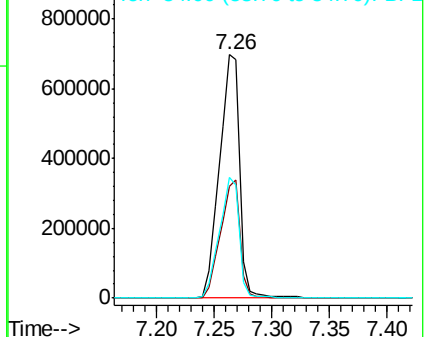


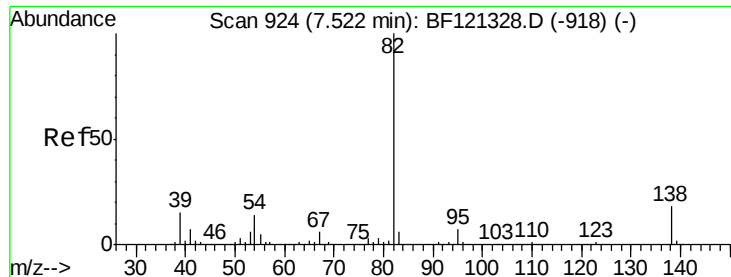
#23
Nitrobenzene-d5
Concen: 74.323 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF121392.D
Acq: 24 Aug 2020 11:05

Tgt Ion: 82	Resp:	847740
Ion	Ratio	Lower Upper
82	100	
128	45.8	37.9 56.9
54	49.3	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: 40.148 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB131098BL

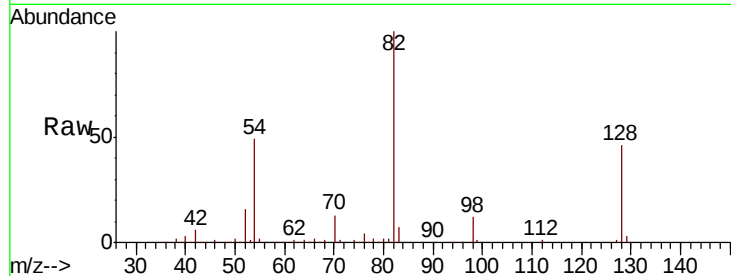
Tot Ion: 82 Resp: 833369

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

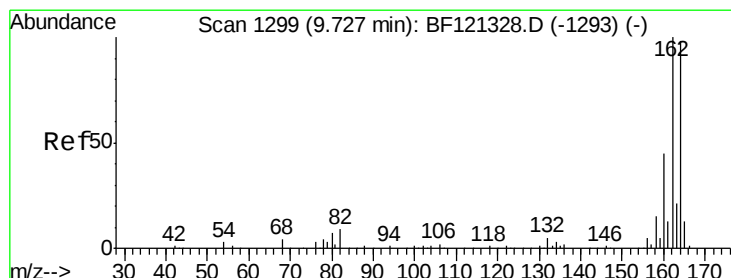
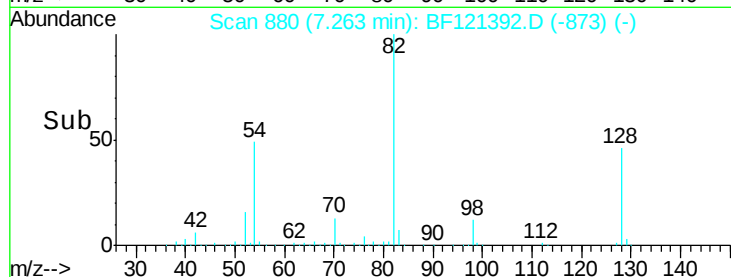
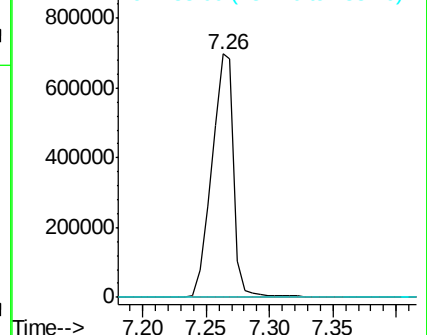
138 0.0 14.6 21.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

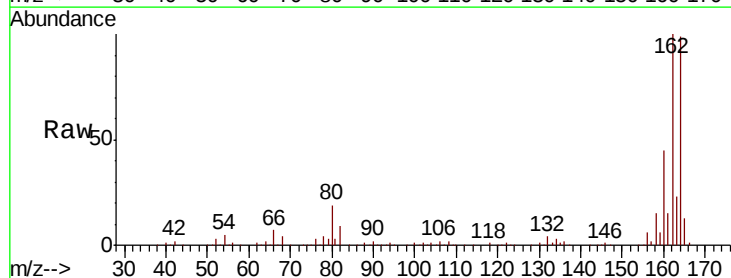
Tgt Ion: 164 Resp: 334248

Ion Ratio Lower Upper

164 100

162 101.2 81.7 122.5

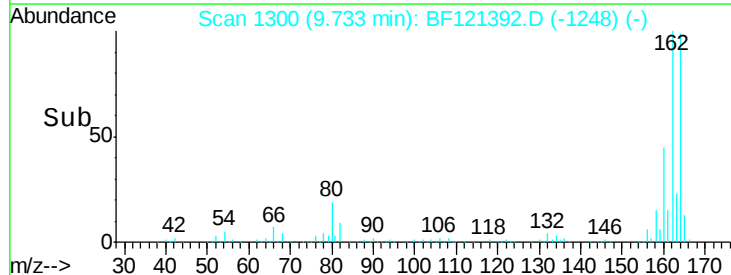
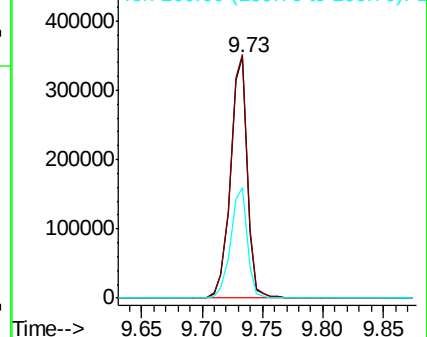
160 46.0 37.0 55.4

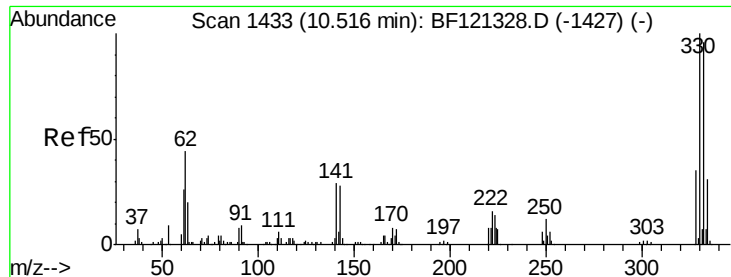


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

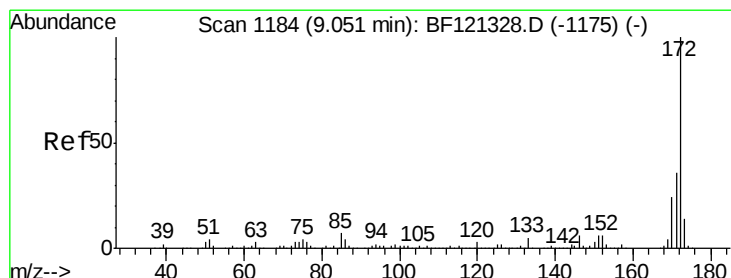
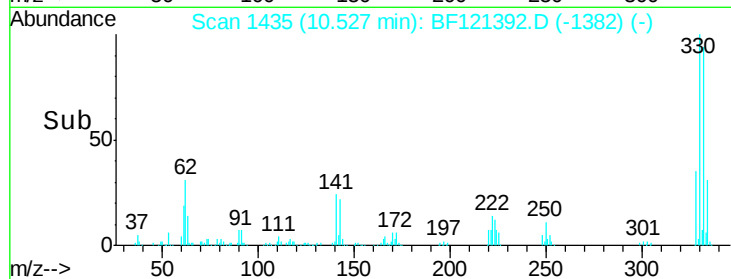
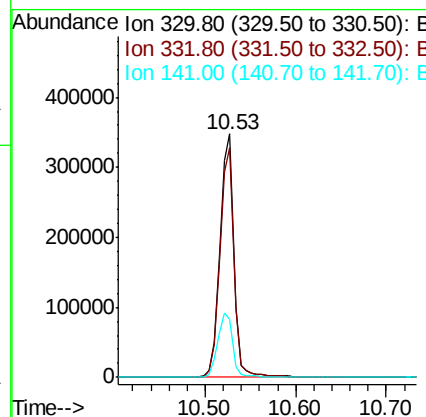
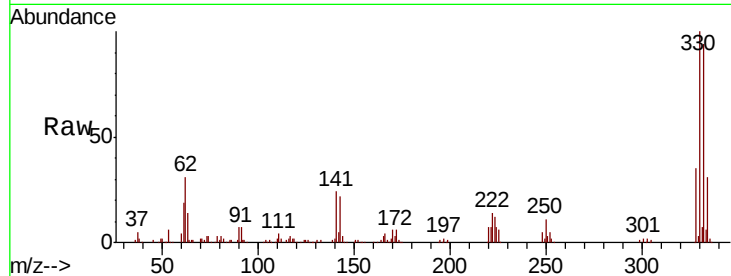




#42
 2,4,6-Tribromophenol
 Concen: 95.337 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF121392.D
 Acq: 24 Aug 2020 11:05

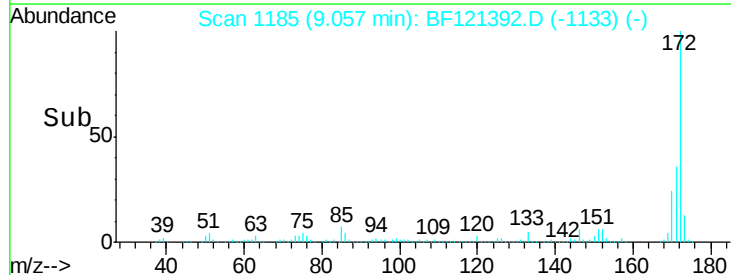
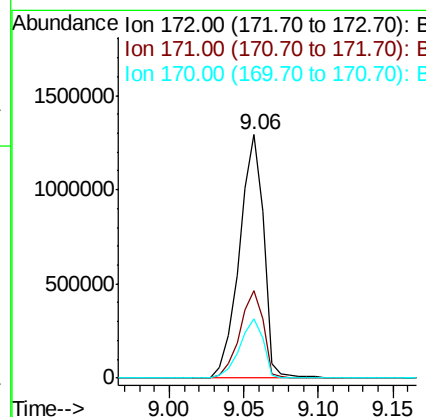
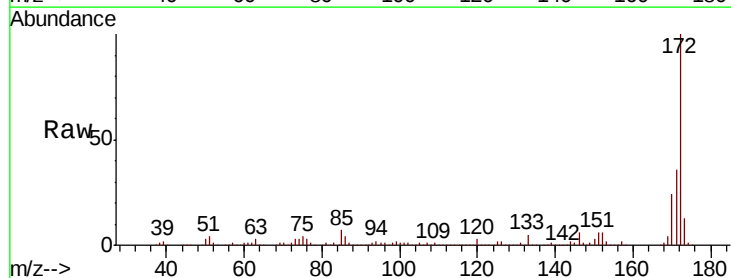
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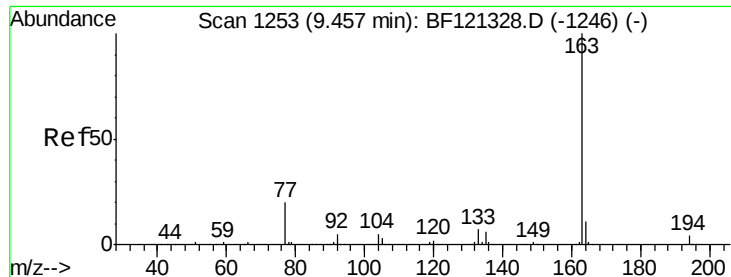
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	28.2	22.8	34.2



#45
 2-Fluorobiphenyl
 Concen: 84.315 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121392.D
 Acq: 24 Aug 2020 11:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.3	19.4	29.2





#50

Dimethylphthalate

Concen: 3.041 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.28 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB131098BL

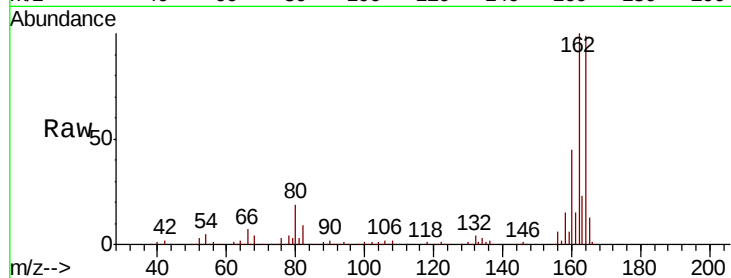
Tot Ion:163 Resp: 73959

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

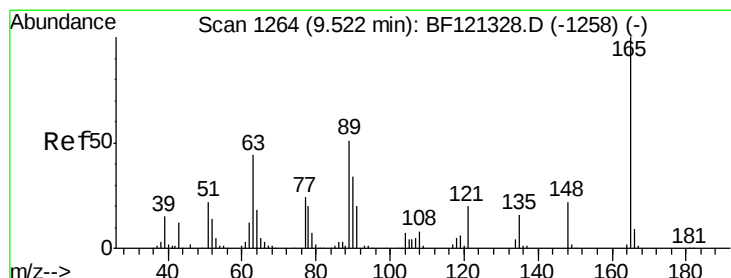
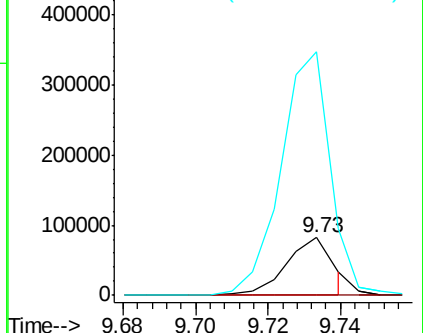
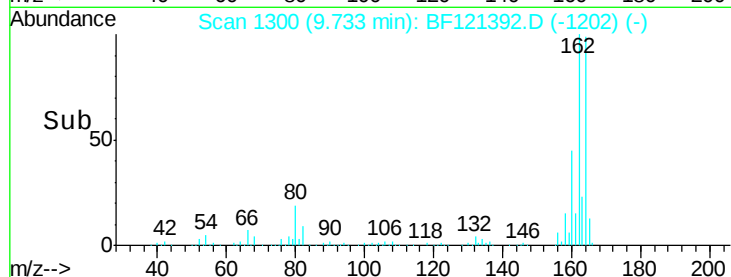
164 421.0 8.4 12.6#



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: 8.289 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

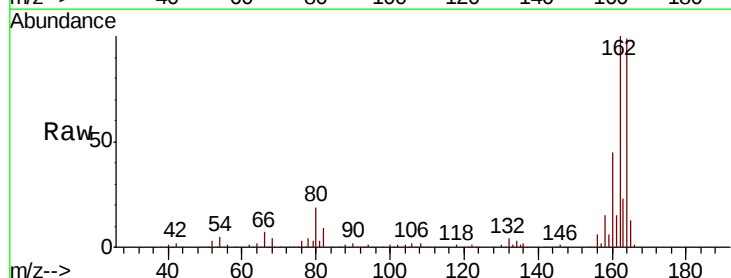
Tgt Ion:165 Resp: 43049

Ion Ratio Lower Upper

165 100

63 1.2 38.5 57.7#

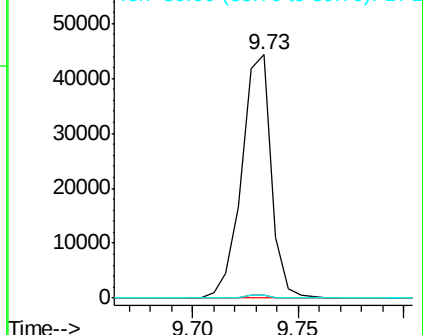
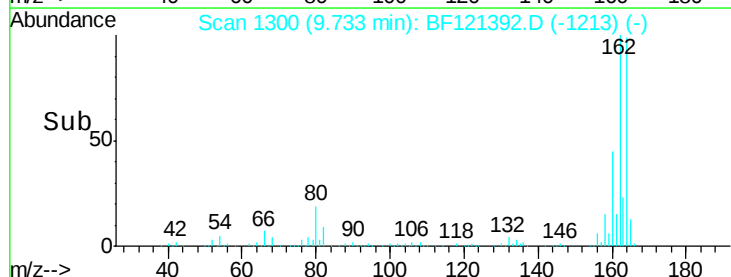
89 1.4 41.2 61.8#

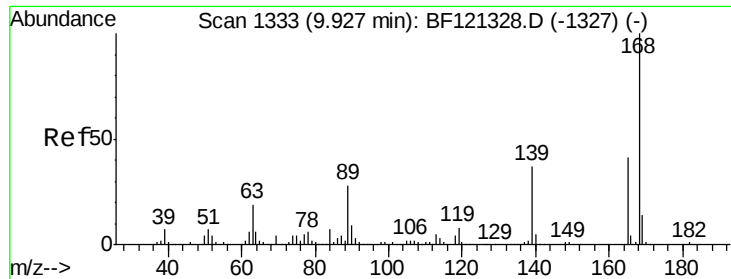


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

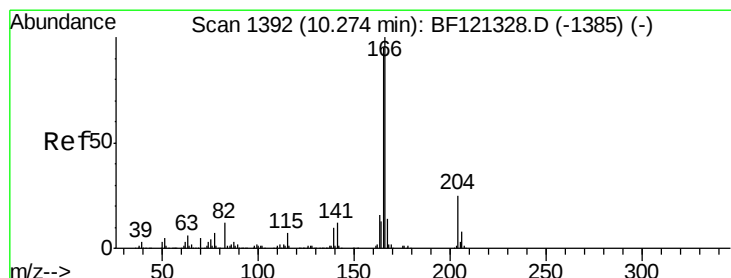
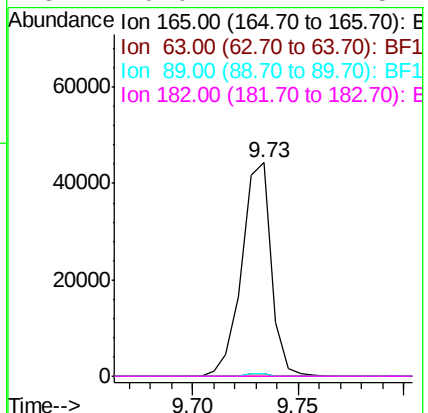
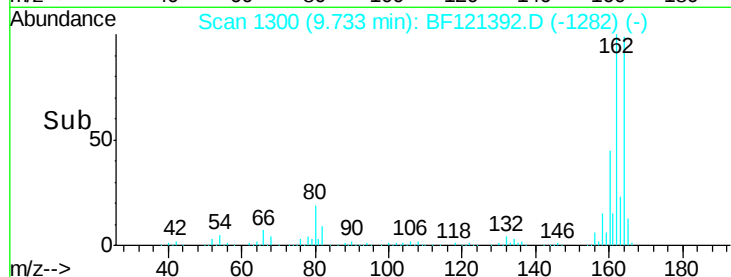
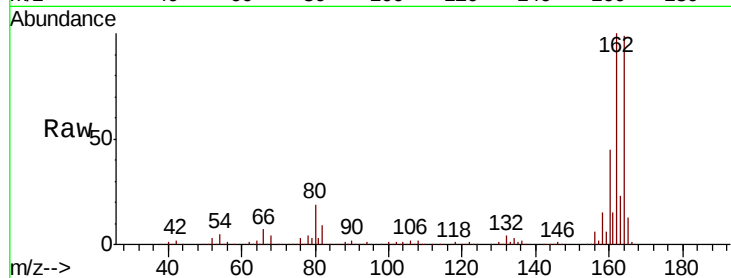




#57
2,4-Dinitrotoluene
Concen: 6.795 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.19 min
Lab File: BF121392.D
Acq: 24 Aug 2020 11:05

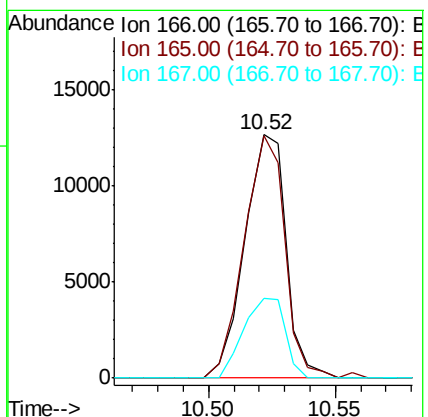
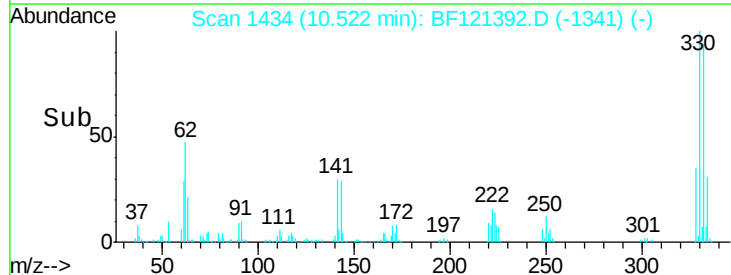
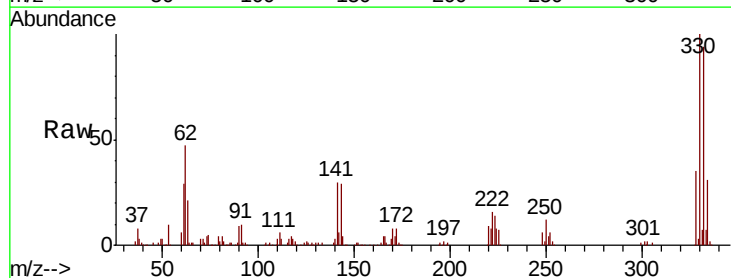
Instrument :
BNA_F
ClientSampleId :
PB131098BL

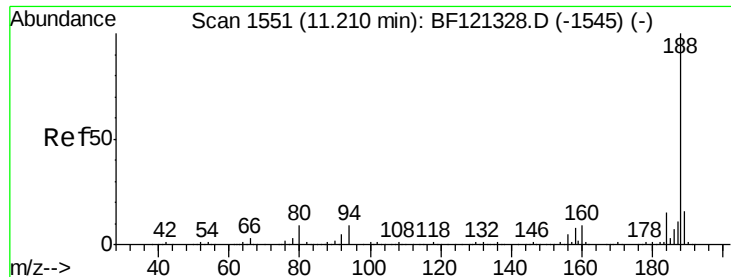
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.4	54.2	81.4#
182	0.0	2.2	3.4#



#58
Fluorene
Concen: Below Cal
RT: 10.52 min Scan# 1434
Delta R.T. 0.25 min
Lab File: BF121392.D
Acq: 24 Aug 2020 11:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	75.8	113.8
167	32.6	11.0	16.4#

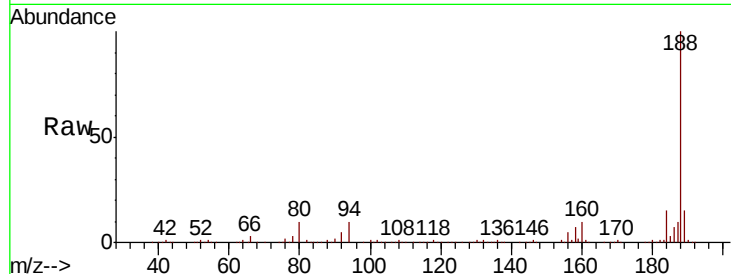




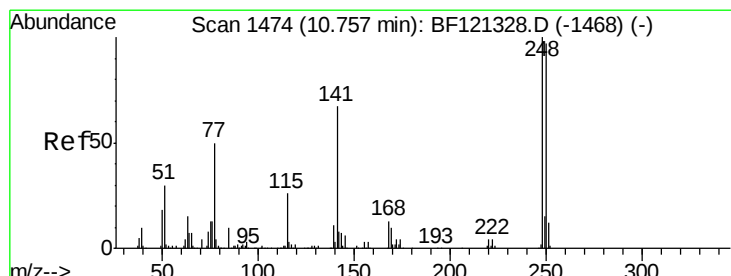
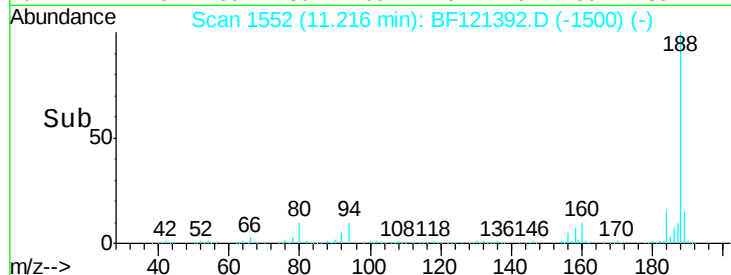
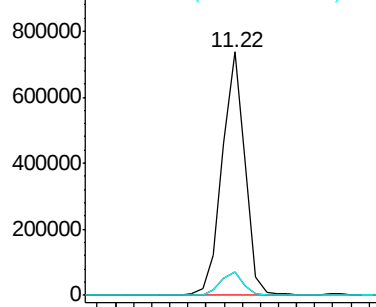
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF121392.D
 Acq: 24 Aug 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BL

Tot Ion:188	Resp: 642615
Ion Ratio	Lower Upper
188 100	
94 9.6	7.2 10.8
80 9.7	7.4 11.0

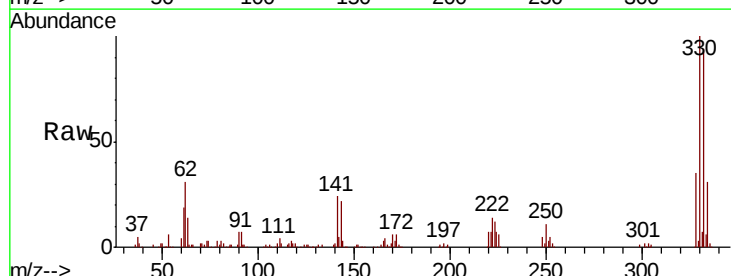


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

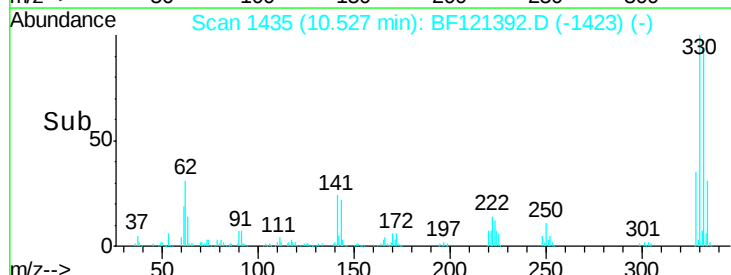
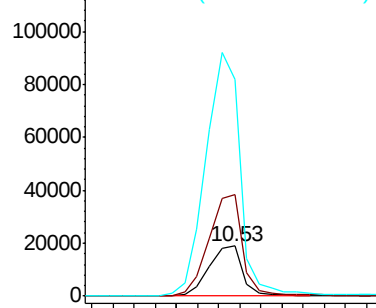


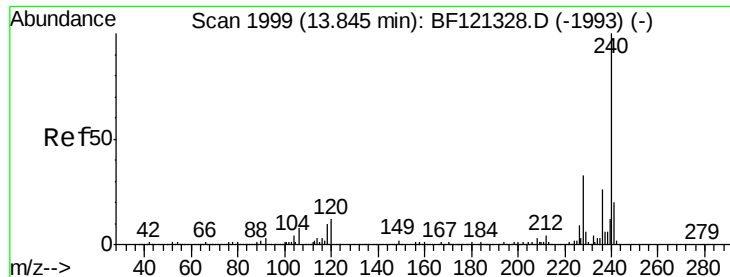
#67
 4-Bromophenyl-phenylether
 Concen: 2.895 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.23 min
 Lab File: BF121392.D
 Acq: 24 Aug 2020 11:05

Tgt Ion:248	Resp: 20636
Ion Ratio	Lower Upper
248 100	
250 202.2	77.9 116.9#
141 434.6	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: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB131098BL

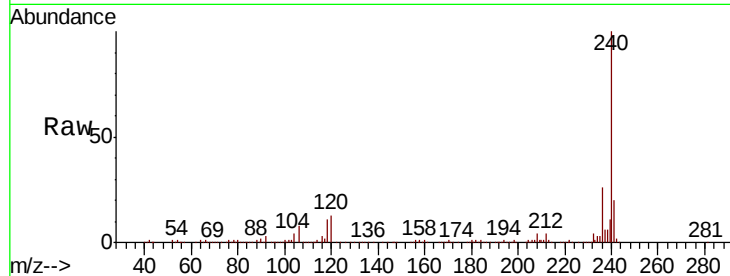
Tot Ion:240 Resp: 536264

Ion Ratio Lower Upper

240 100

120 13.0 9.6 14.4

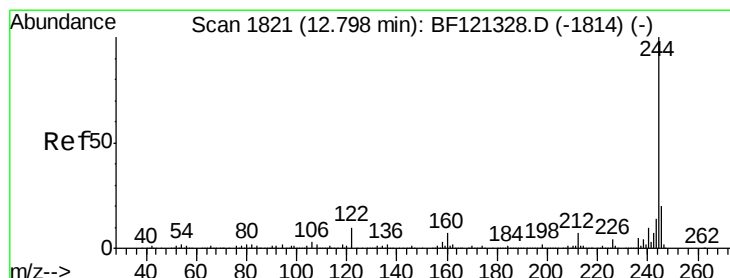
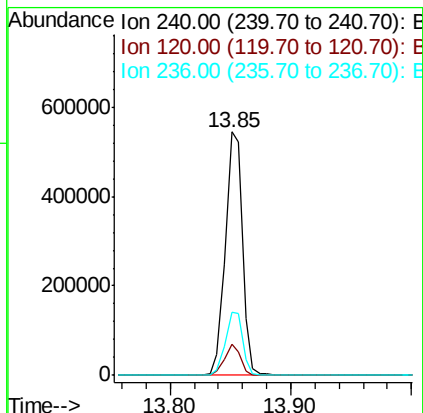
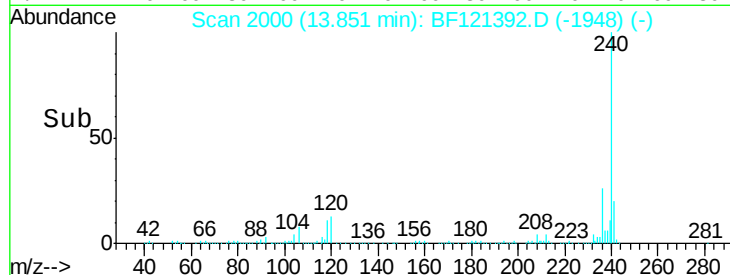
236 25.8 20.6 31.0



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: 53.974 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121392.D

Acq: 24 Aug 2020 11:05

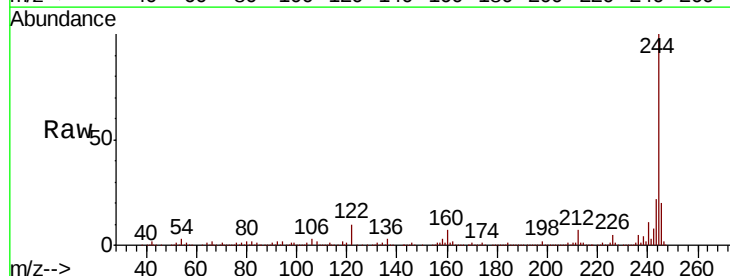
Tgt Ion:244 Resp: 1481158

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

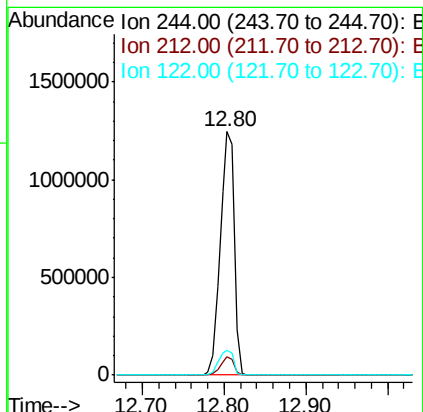
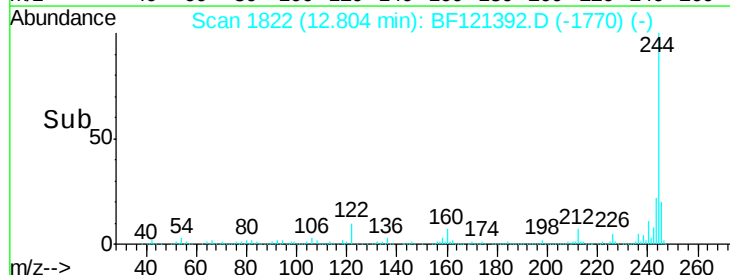
122 10.4 7.8 11.8

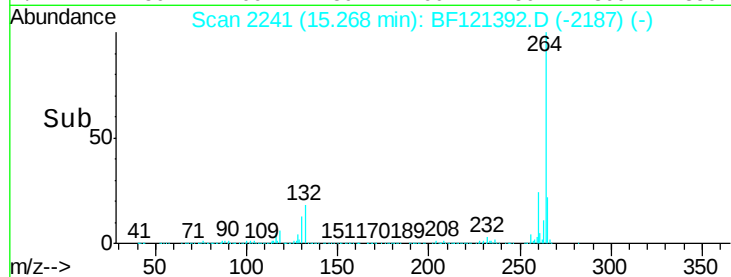
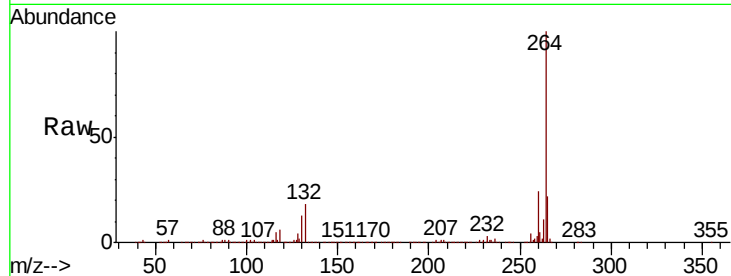
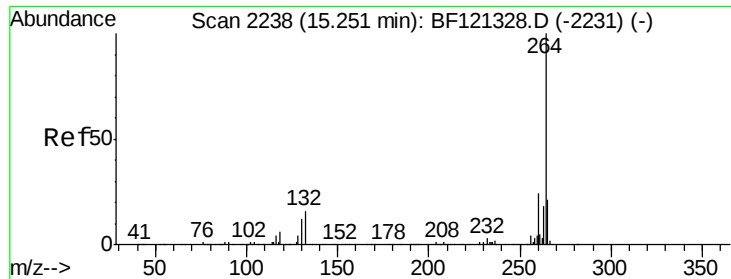


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121392.D
Acq: 24 Aug 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB131098BL

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

