

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
 Data File : BF121703.D
 Acq On : 28 Sep 2020 10:08
 Operator : JU/CG
 Sample : PB131888BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

Quant Time: Sep 28 11:48:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 11:40:42 2020
 Response via : Initial Calibration

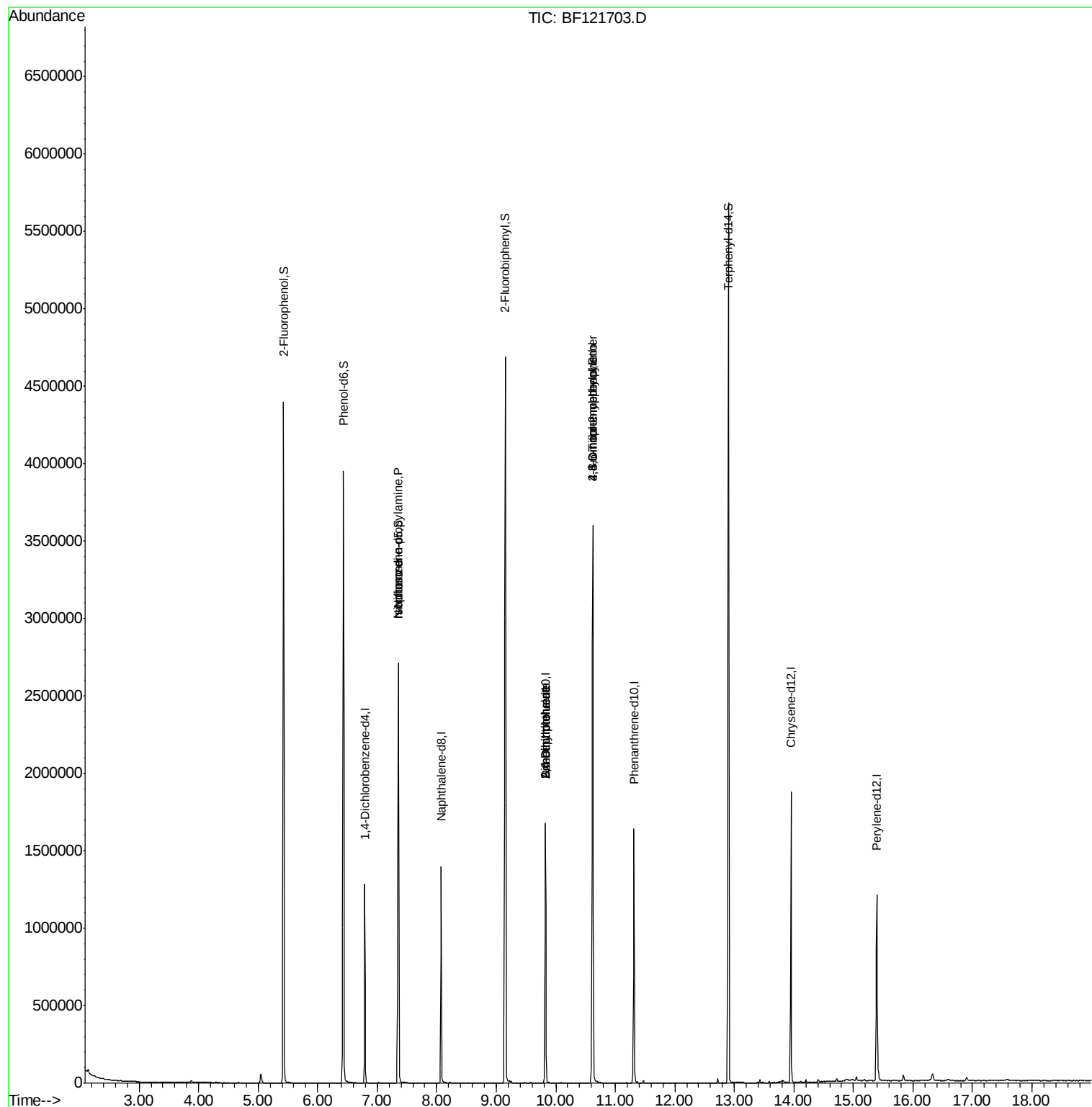
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	171380	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	678881	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	358064	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	681147	20.00	ng	0.00
76) Chrysene-d12	13.95	240	623429	20.00	ng	0.00
86) Perylene-d12	15.39	264	575502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1223661	106.11	ng	0.01
7) Phenol-d6	6.43	99	1584457	104.73	ng	0.00
23) Nitrobenzene-d5	7.36	82	1109191	87.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	522545	117.42	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1899823	80.36	ng	0.00
79) Terphenyl-d14	12.90	244	2226381	72.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	149593	17.156	ng	# 81
25) Isophorone	7.36	82	1086019	42.668	ng	# 65
50) Dimethylphthalate	9.83	163	74202	2.859	ng	# 1
51) 2,6-Dinitrotoluene	9.83	165	45131	8.166	ng	# 22
57) 2,4-Dinitrotoluene	9.83	165	45131	6.491	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.62	198	1029	7.063	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	30608	3.947	ng	# 1

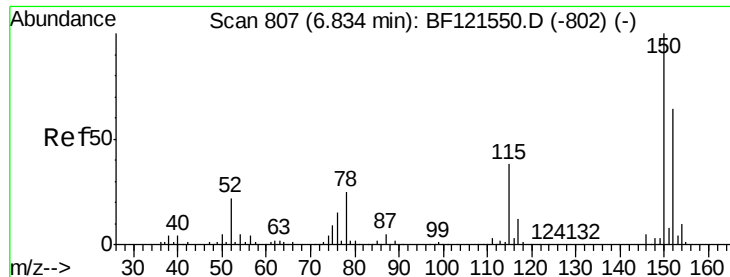
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

Instrument :

BNA_F

ClientSampleId :

PB131888BL

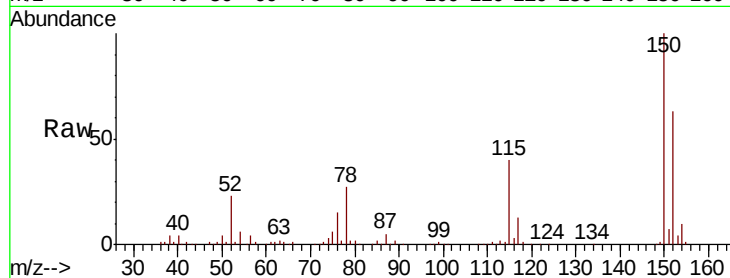
Tot Ion:152 Resp: 171380

Ion Ratio Lower Upper

152 100

150 158.1 122.6 184.0

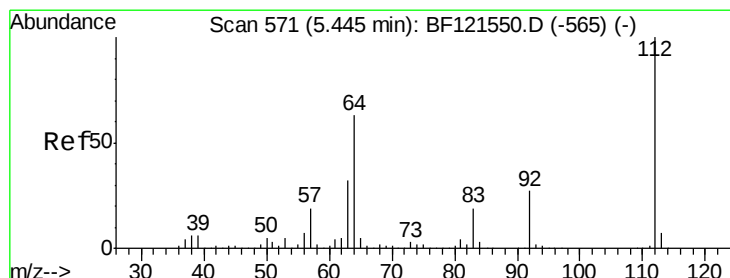
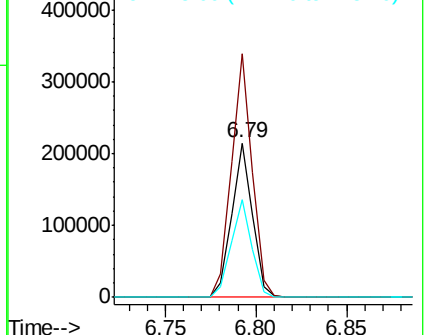
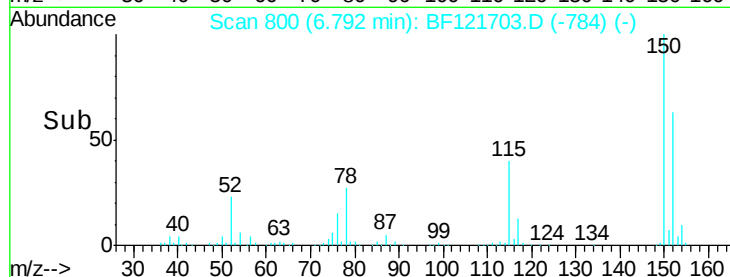
115 63.2 47.1 70.7



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: 106.110 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

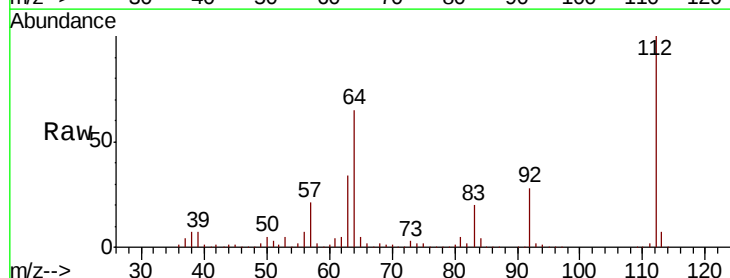
Tgt Ion:112 Resp: 1223661

Ion Ratio Lower Upper

112 100

64 65.4 49.5 74.3

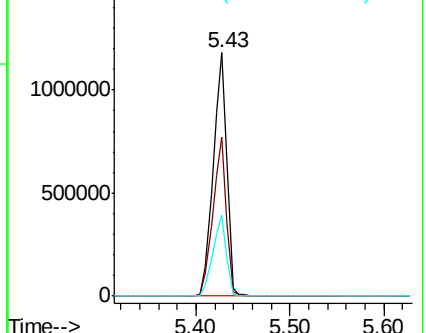
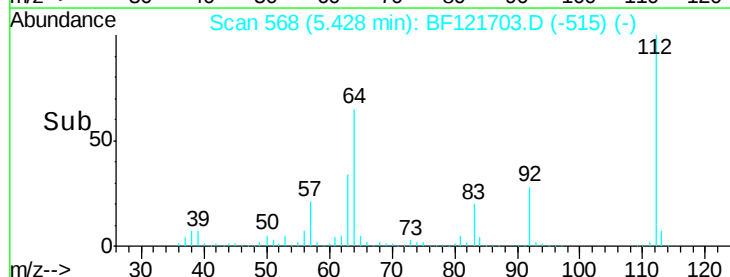
63 33.6 25.4 38.0

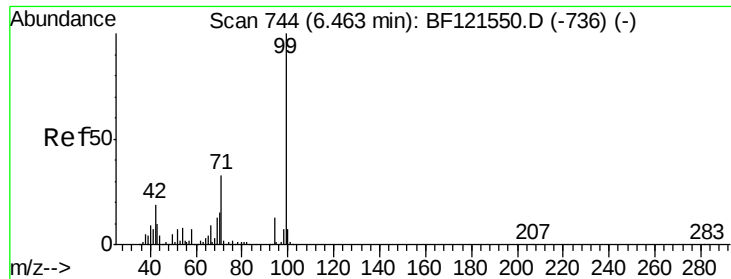


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.728 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

Instrument :

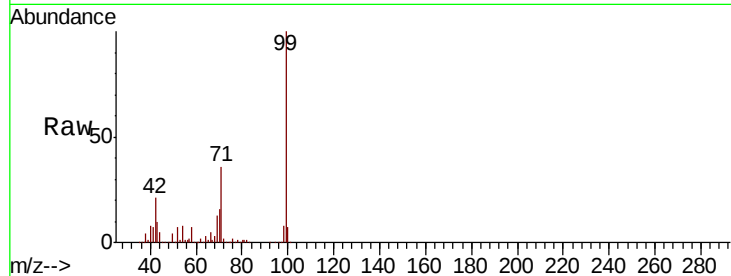
BNA_F

ClientSampleId :

PB131888BL

Tot Ion: 99 Resp: 1584457

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.1	24.1
71	35.6	27.6	41.4

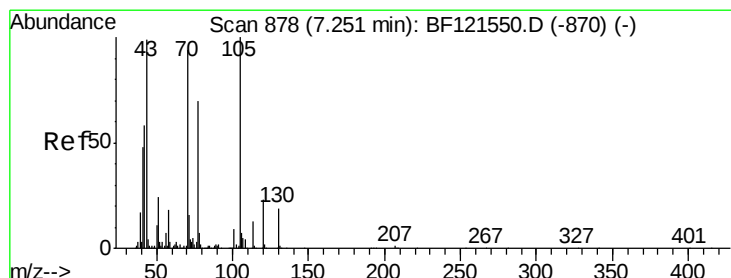
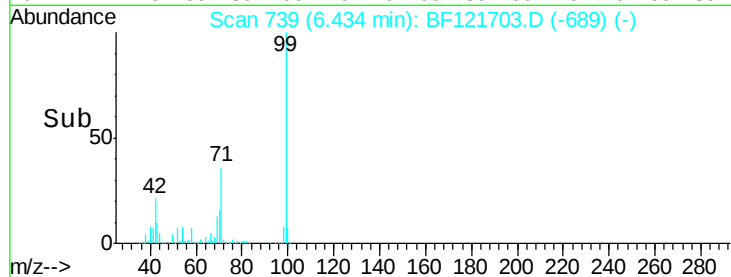
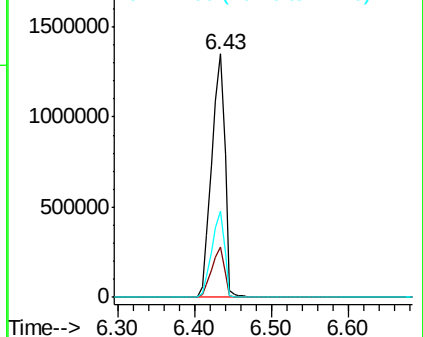


Abundance

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: 17.156 ng

RT: 7.36 min Scan# 896

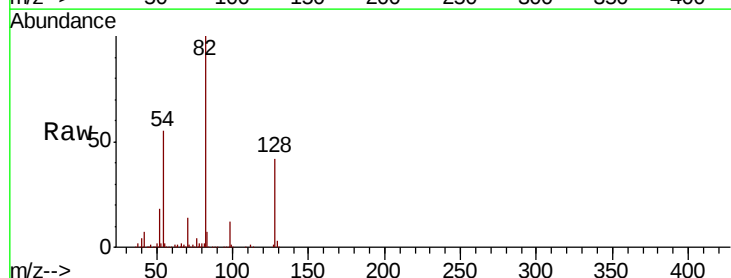
Delta R.T. 0.14 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

Tgt Ion: 70 Resp: 149593

Ion	Ratio	Lower	Upper
70	100		
42	51.2	45.8	68.6
101	0.0	7.6	11.4#
130	1.9	17.8	26.8#



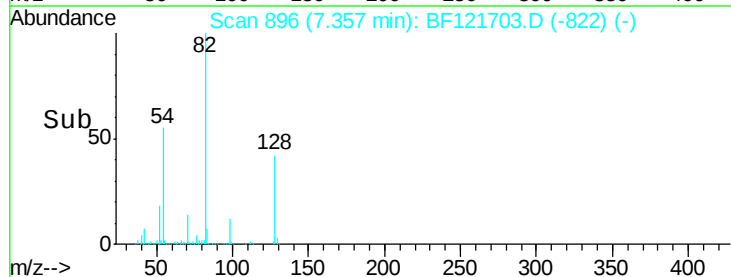
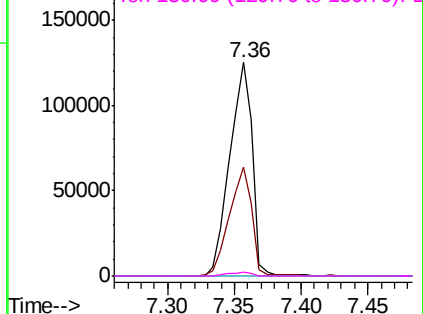
Abundance

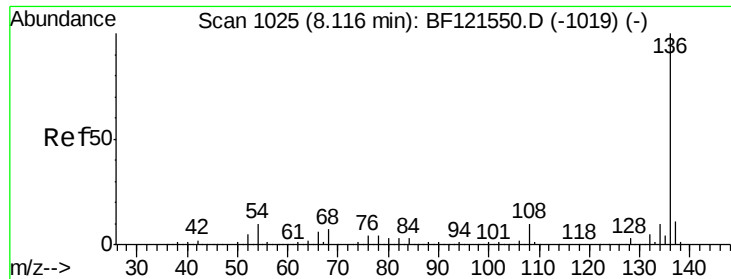
Ion 70.00 (69.70 to 70.70): BF1

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

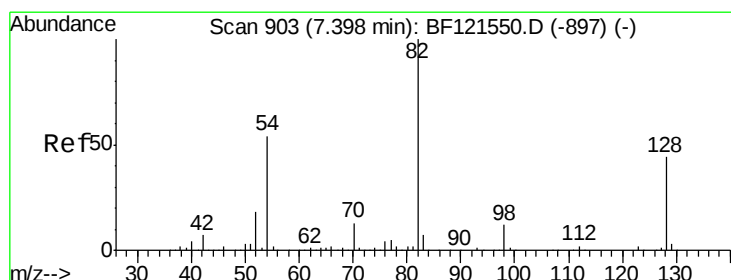
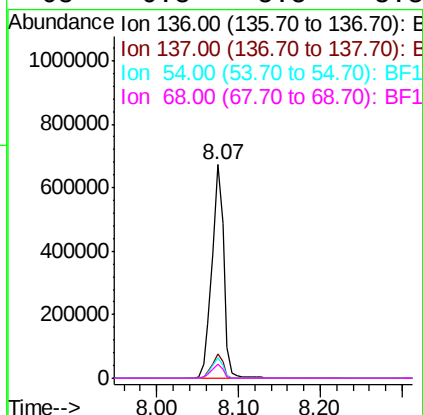
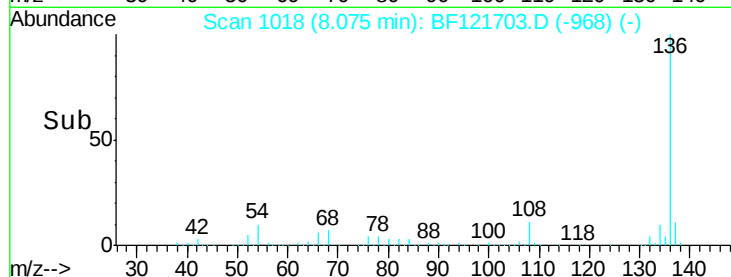
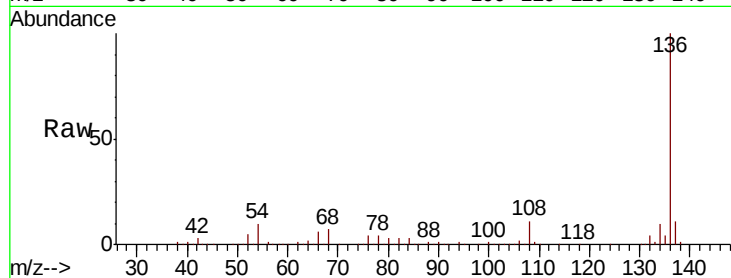




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121703.D
Acq: 28 Sep 2020 10:08

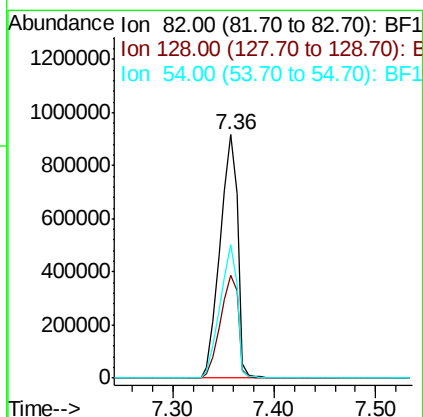
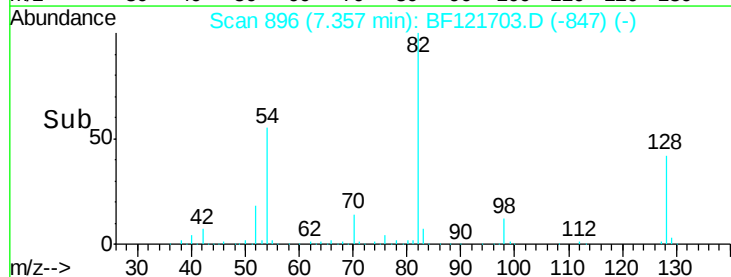
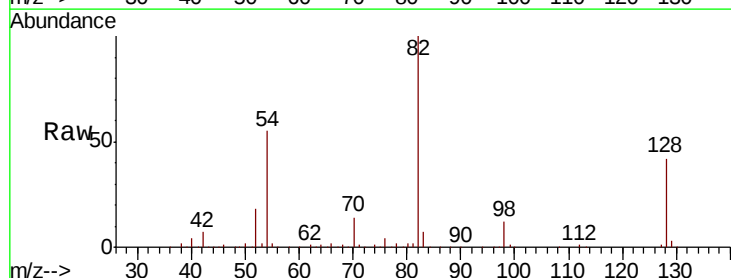
Instrument :
BNA_F
ClientSampleId :
PB131888BL

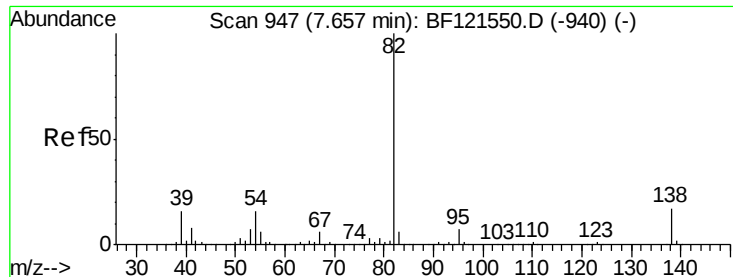
Tot Ion:136	Resp:	678881	
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.8	7.5	11.3
68	6.8	5.5	8.3



#23
Nitrobenzene-d5
Concen: 87.724 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121703.D
Acq: 28 Sep 2020 10:08

Tgt Ion: 82	Resp: 1109191
Ion Ratio	Lower Upper
82 100	
128 42.3	35.8 53.6
54 54.9	42.6 63.8





#25

Isophorone

Concen: 42.668 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

Instrument :

BNA_F

ClientSampleId :

PB131888BL

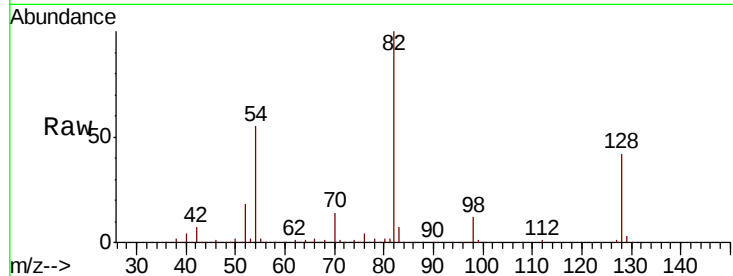
Tot Ion: 82 Resp: 1086019

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

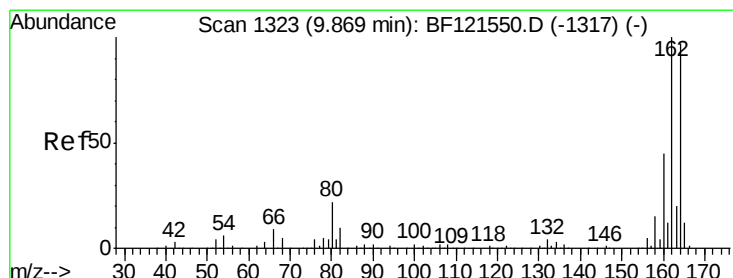
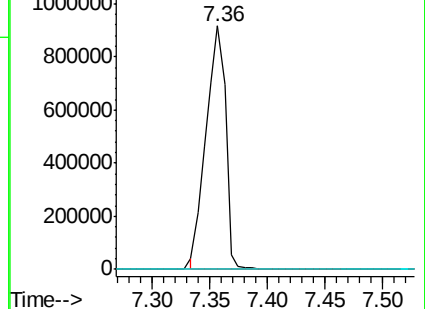
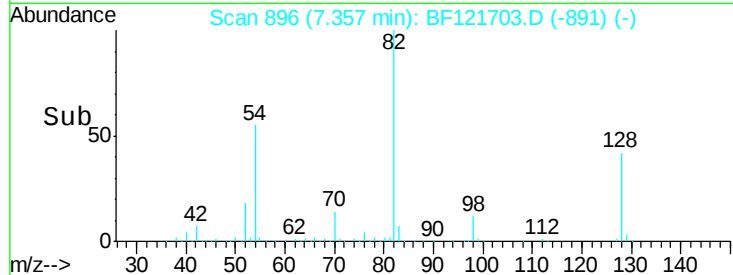
138 0.0 14.2 21.4#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

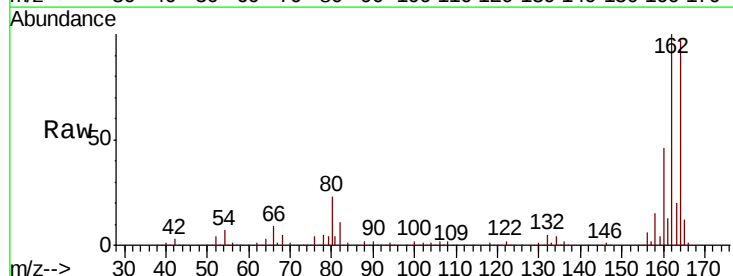
Tgt Ion: 164 Resp: 358064

Ion Ratio Lower Upper

164 100

162 102.7 82.1 123.1

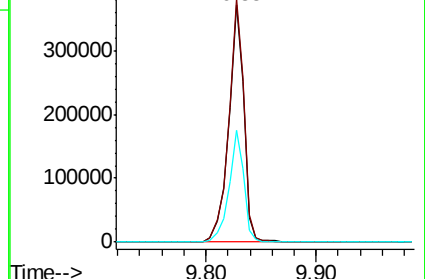
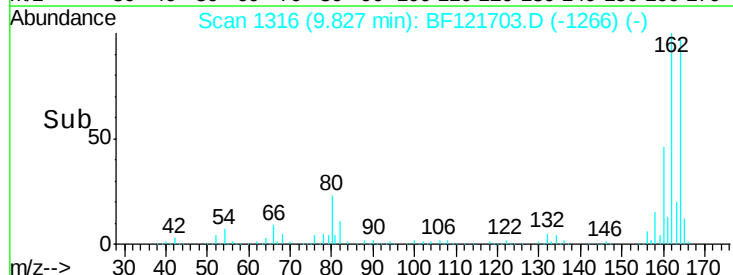
160 46.9 36.8 55.2

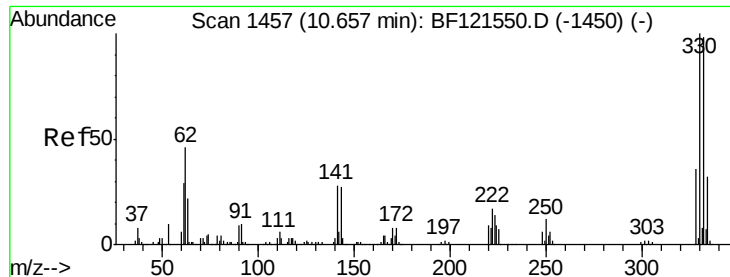


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

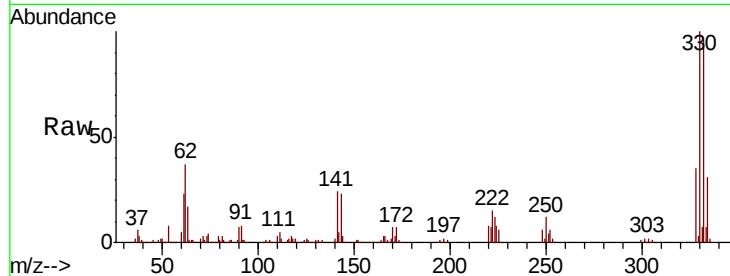




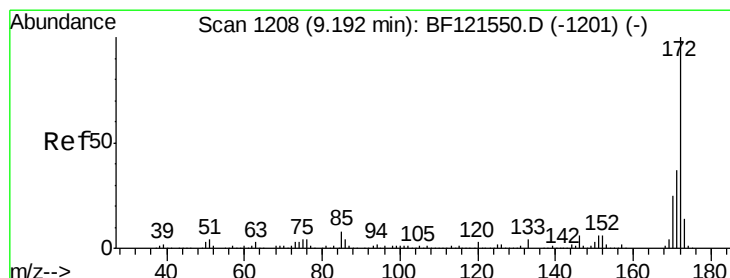
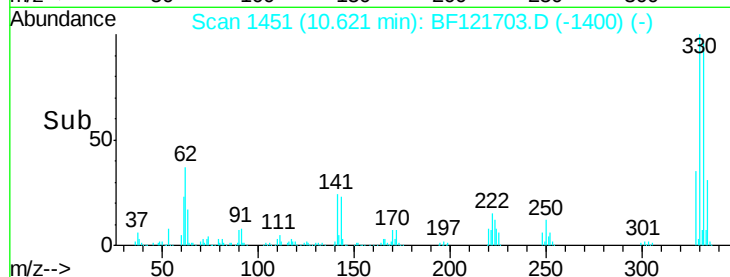
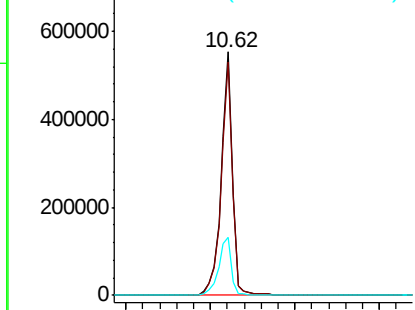
#42
 2,4,6-Tribromophenol
 Concen: 117.419 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF121703.D
 Acq: 28 Sep 2020 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	27.5	22.2	33.4

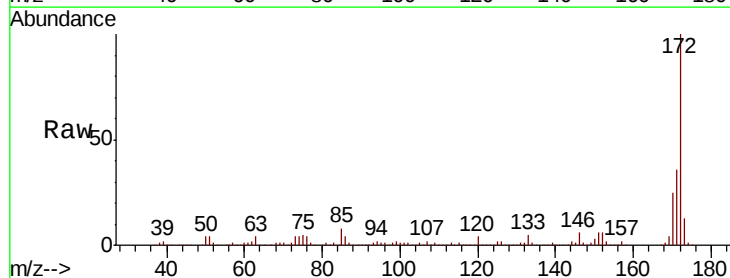


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

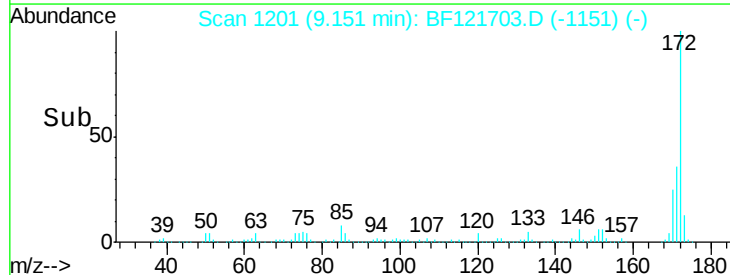
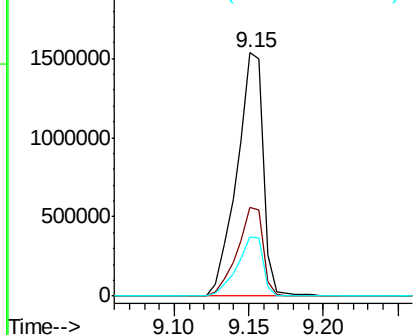


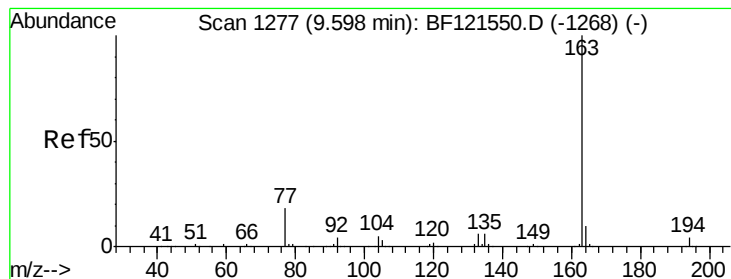
#45
 2-Fluorobiphenyl
 Concen: 80.358 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121703.D
 Acq: 28 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.5	19.5	29.3



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: 2.859 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.26 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

Instrument :

BNA_F

ClientSampleId :

PB131888BL

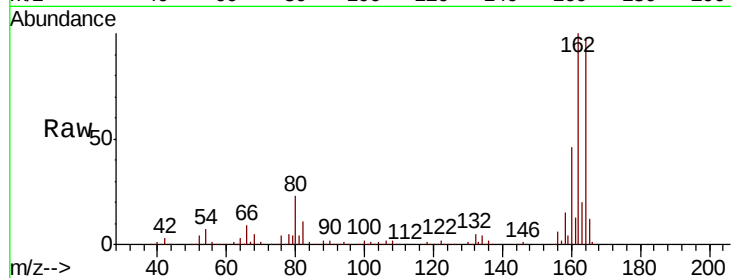
Tot Ion:163 Resp: 74202

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

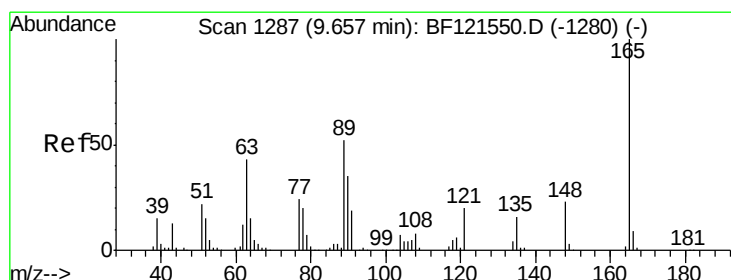
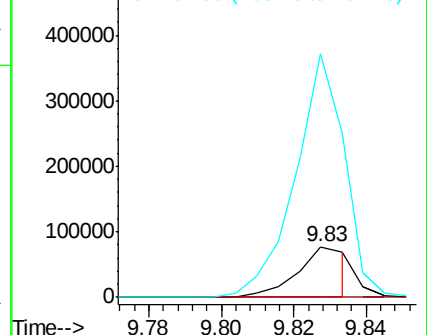
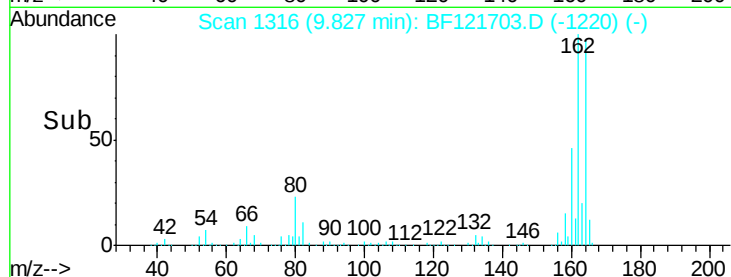
164 483.2 8.2 12.2#



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: 8.166 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.21 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

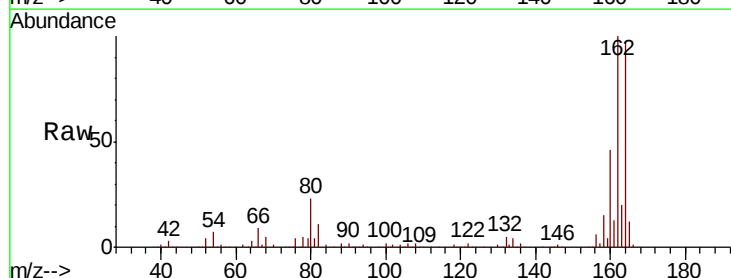
Tgt Ion:165 Resp: 45131

Ion Ratio Lower Upper

165 100

63 1.3 49.8 74.6#

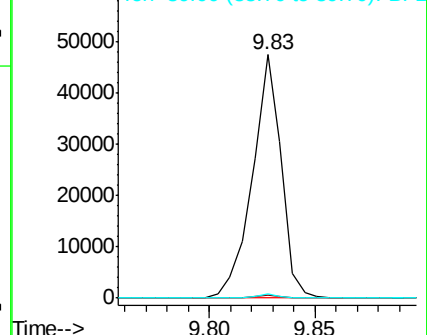
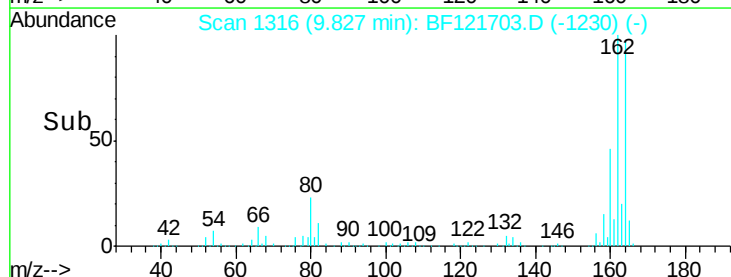
89 1.5 48.2 72.2#

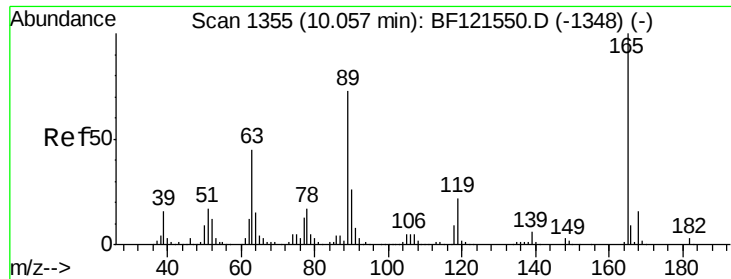


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

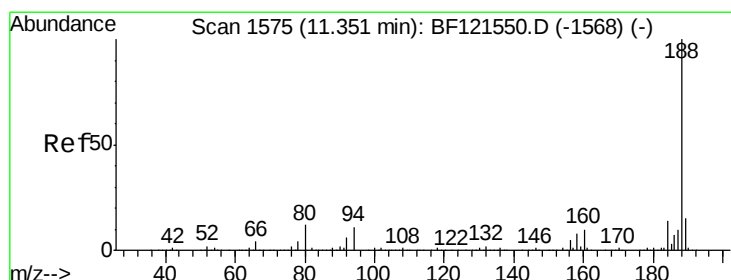
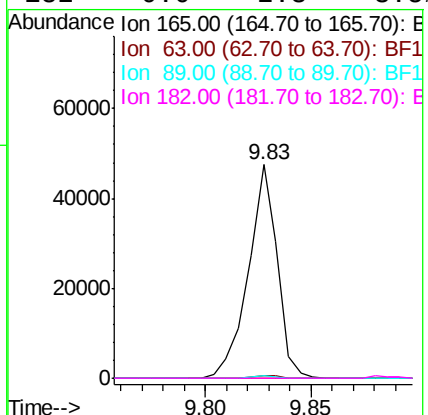
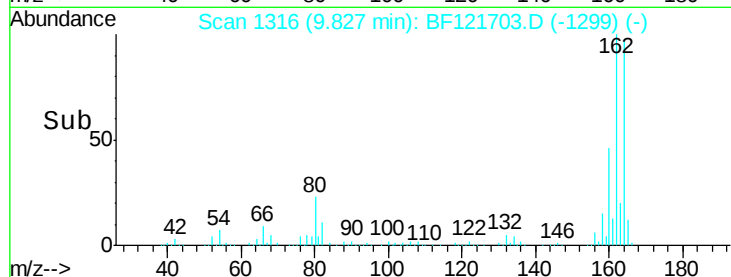
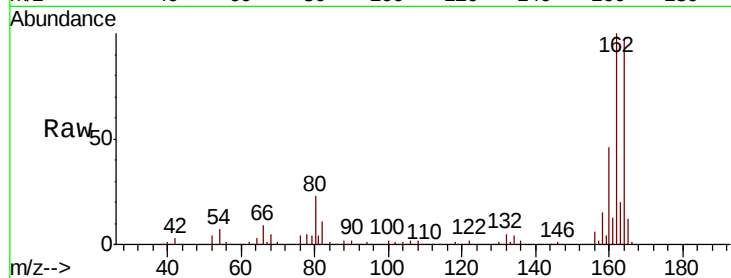




#57
 2,4-Dinitrotoluene
 Concen: 6.491 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.20 min
 Lab File: BF121703.D
 Acq: 28 Sep 2020 10:08

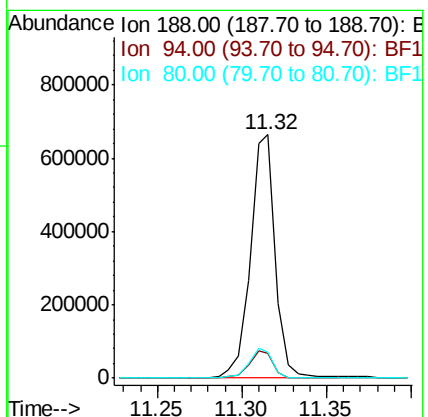
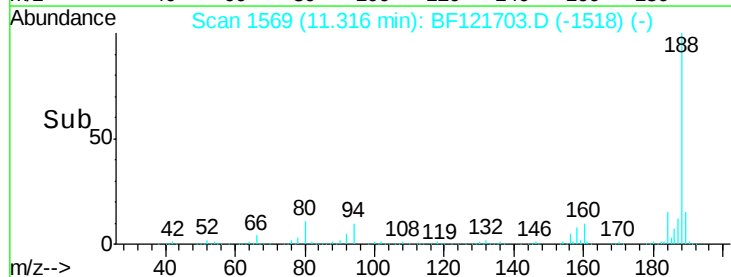
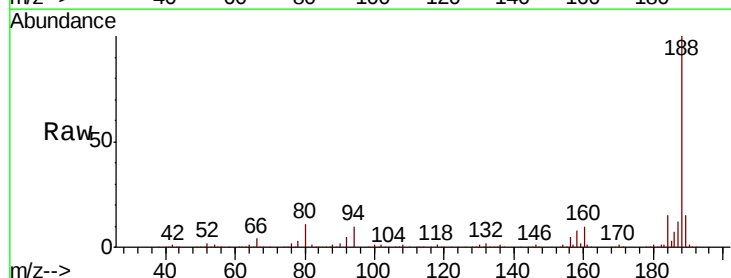
Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

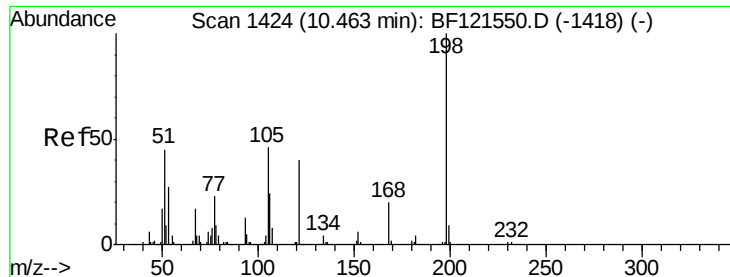
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.6	55.0#
89	1.5	57.6	86.4#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF121703.D
 Acq: 28 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	10.7	9.3	13.9





#65

4,6-Dinitro-2-methylphenol

Concen: 7.063 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.18 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

Instrument :

BNA_F

ClientSampleId :

PB131888BL

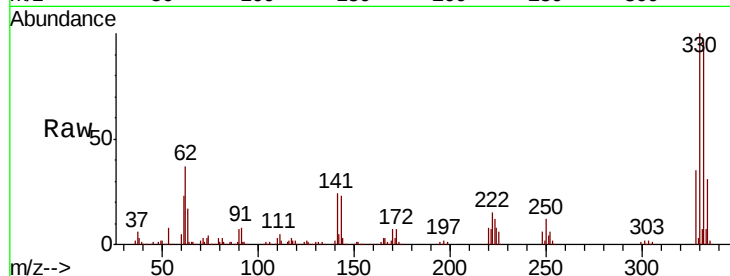
Tot Ion:198 Resp: 1029

Ion Ratio Lower Upper

198 100

51 155.1 18.8 58.8#

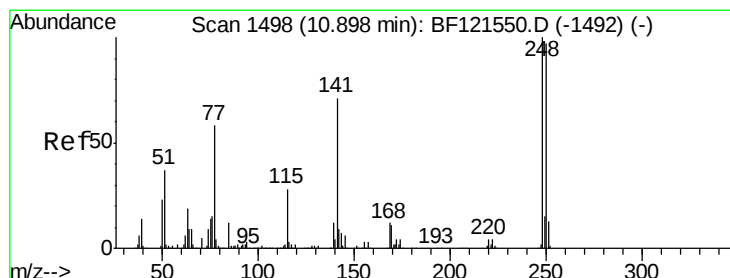
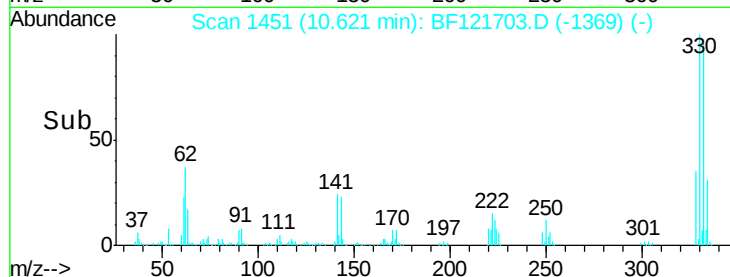
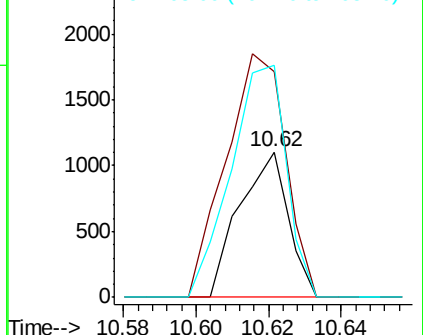
105 159.8 18.5 58.5#



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



#67

4-Bromophenyl-phenylether

Concen: 3.947 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.24 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

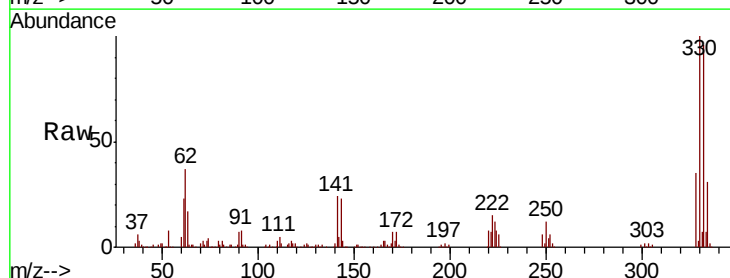
Tgt Ion:248 Resp: 30608

Ion Ratio Lower Upper

248 100

250 193.6 76.8 115.2#

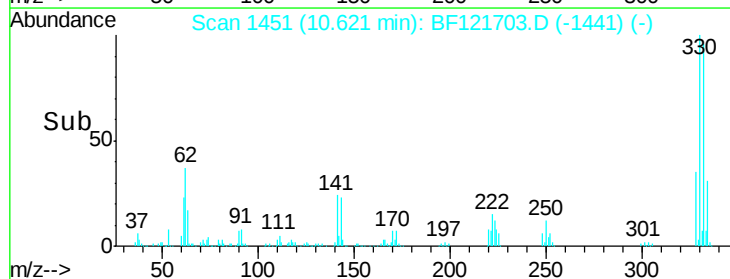
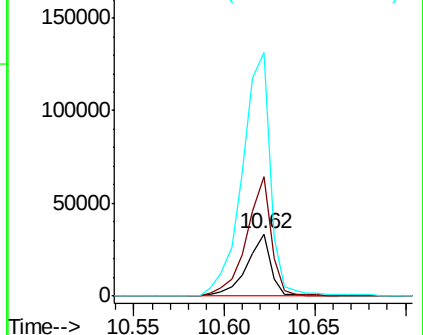
141 393.6 55.7 83.5#

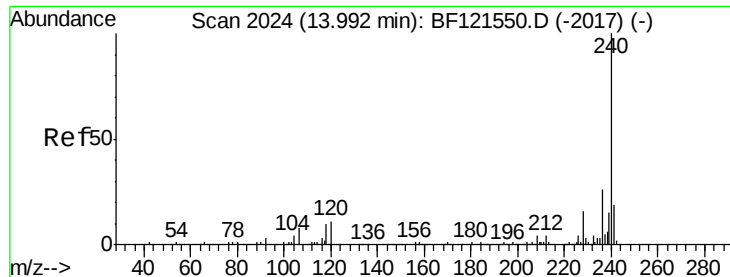


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

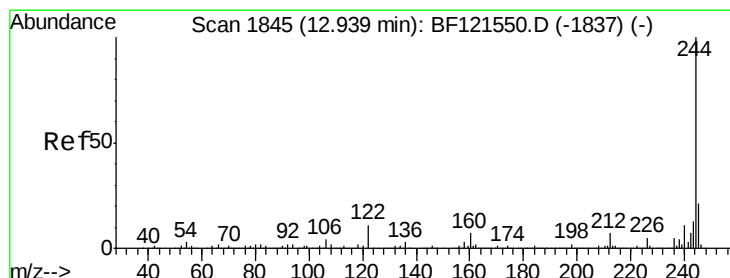
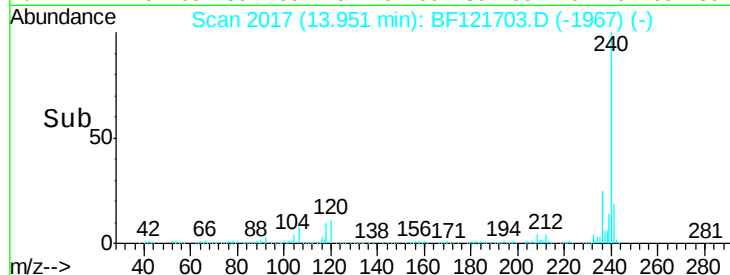
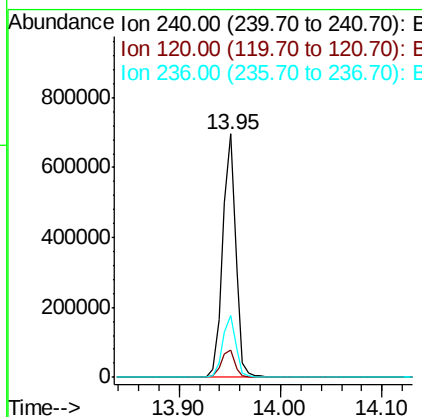
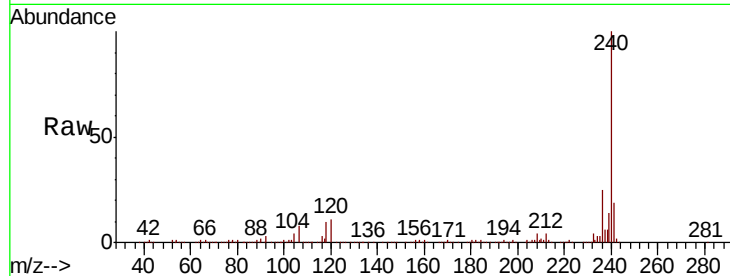




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF121703.D
 Acq: 28 Sep 2020 10:08

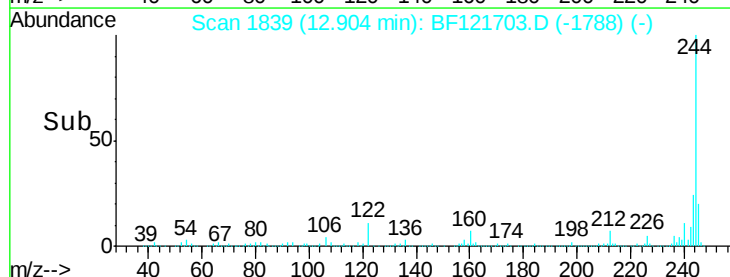
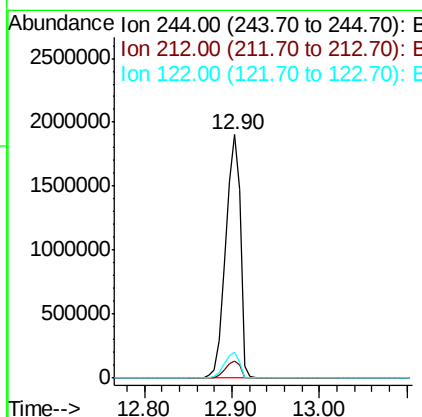
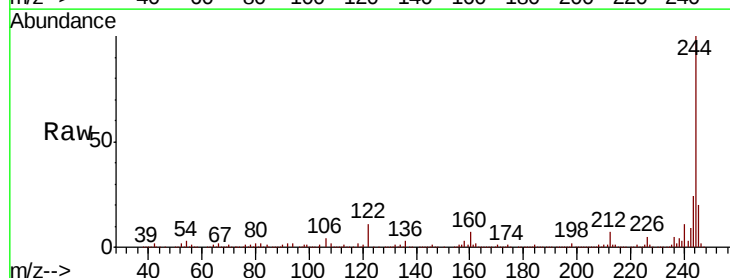
Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

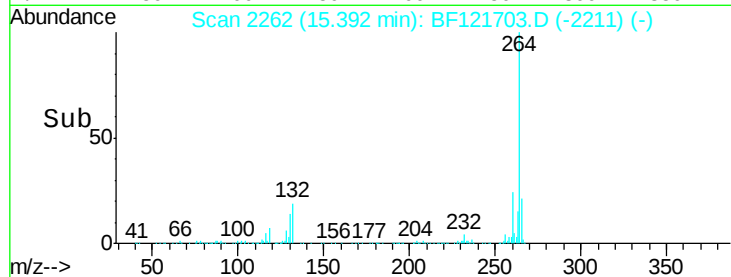
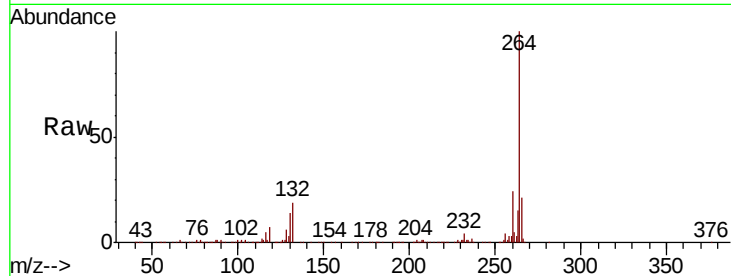
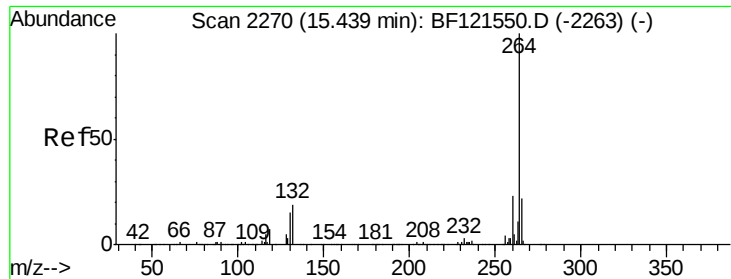
Tot Ion:240 Resp: 623429
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.1 13.7
 236 25.3 20.6 30.8



#79
 Terphenyl-d14
 Concen: 72.349 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF121703.D
 Acq: 28 Sep 2020 10:08

Tgt Ion:244 Resp: 2226381
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.6 8.0 12.0





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BF121703.D
 Acq: 28 Sep 2020 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	21.5	17.2	25.8

