

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121690.D
 Acq On : 24 Sep 2020 19:25
 Operator : JU/CG
 Sample : L4133-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Quant Time: Sep 25 01:11:58 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

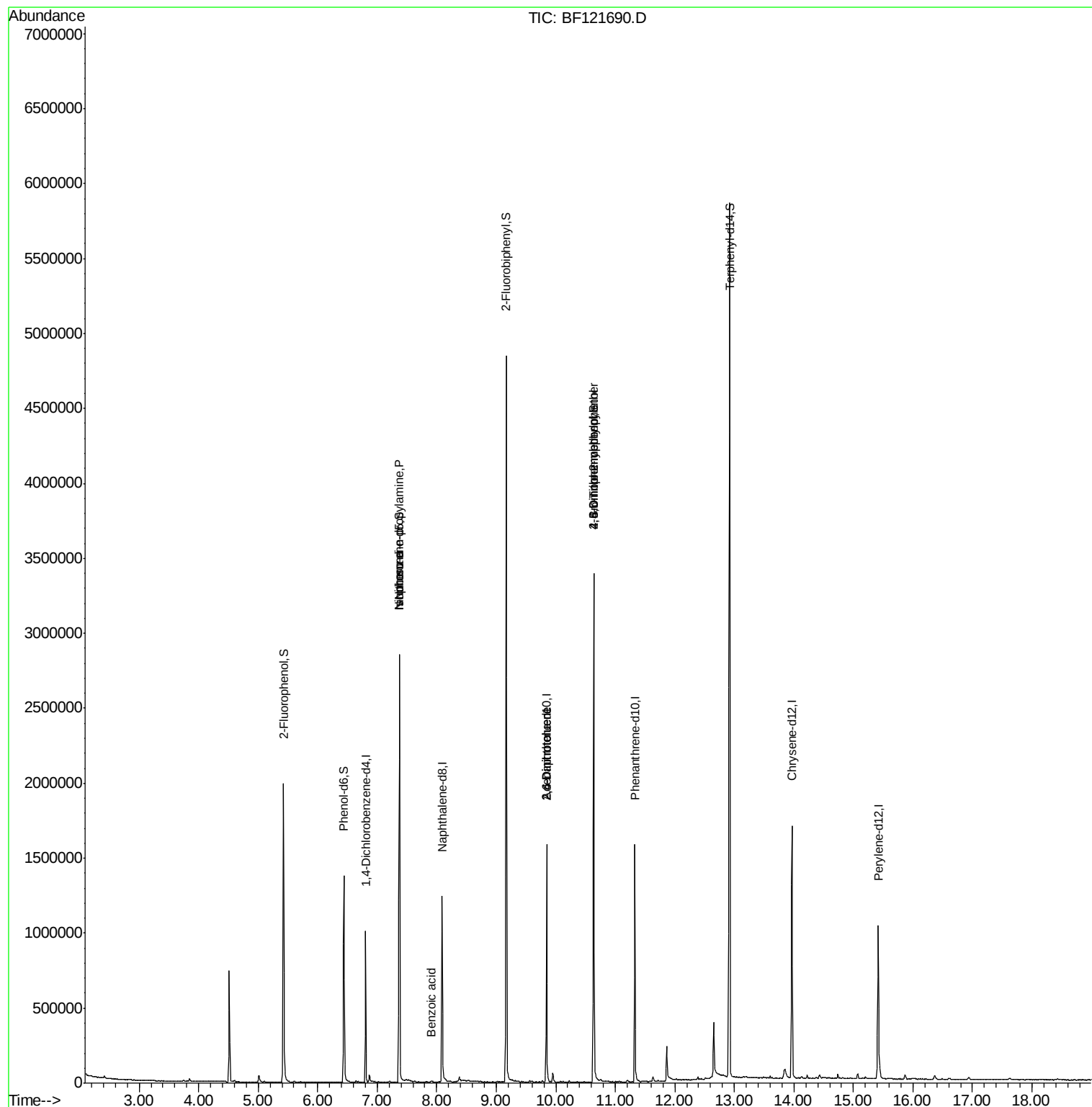
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	145235	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	575550	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	305399	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	606304	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	578270	20.00	ng	-0.01
86) Perylene-d12	15.42	264	482447	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	573714	58.71	ng	0.00
7) Phenol-d6	6.44	99	466844	36.41	ng	-0.01
23) Nitrobenzene-d5	7.37	82	978663	91.30	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	516209	136.00	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1572041	77.96	ng	0.00
79) Terphenyl-d14	12.92	244	2192556	76.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	132194	17.890	ng	# 80
25) Isophorone	7.37	82	972091	45.049	ng	# 67
32) Benzoic acid	7.90	122	225	6.962	ng	# 79
51) 2,6-Dinitrotoluene	9.85	165	39242	8.325	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	39242	6.617	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.64	198	990	7.080	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	28928	4.191	ng	# 1

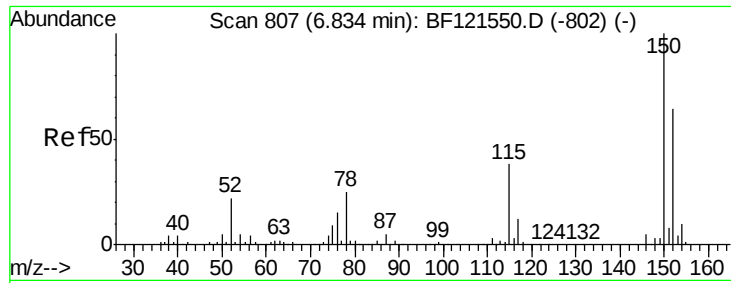
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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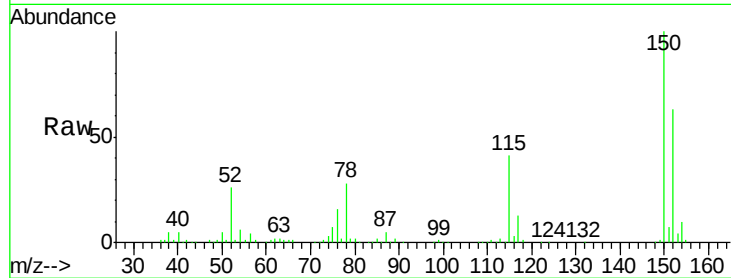


#1

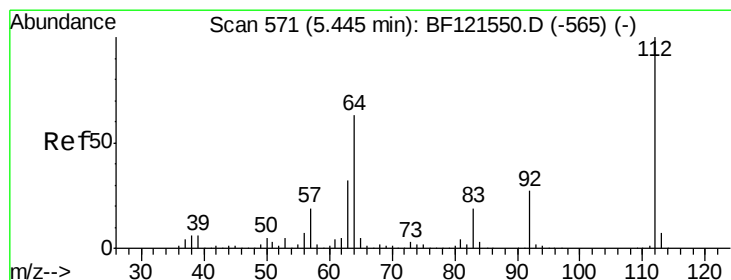
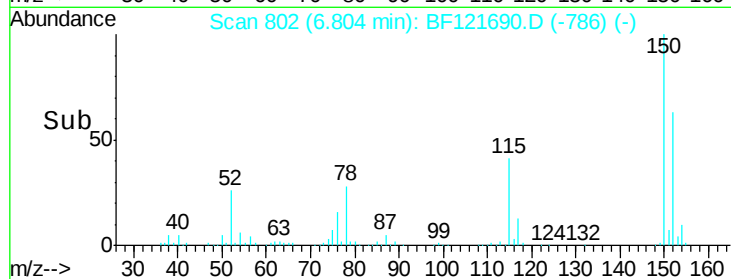
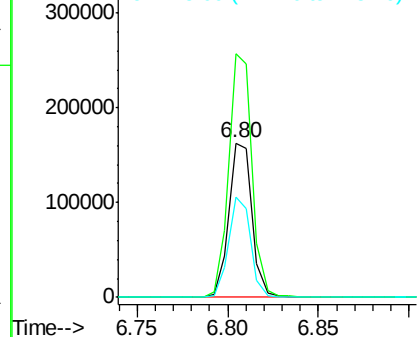
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF121690.D
Acq: 24 Sep 2020 19:25

Instrument :
BNA_F
ClientSampleId :
MW3

Tot Ion:152 Resp: 145235
Ion Ratio Lower Upper
152 100
150 157.6 128.1 192.1
115 65.1 52.6 79.0



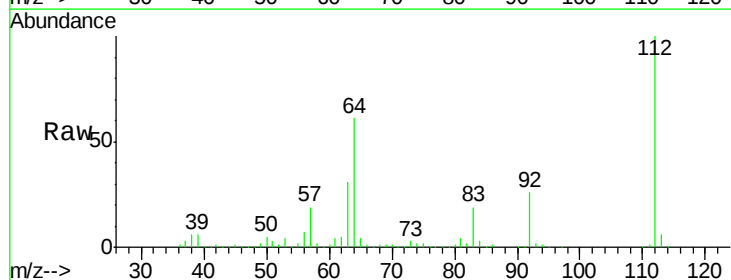
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



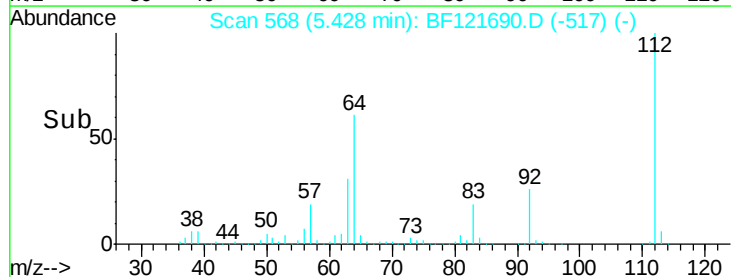
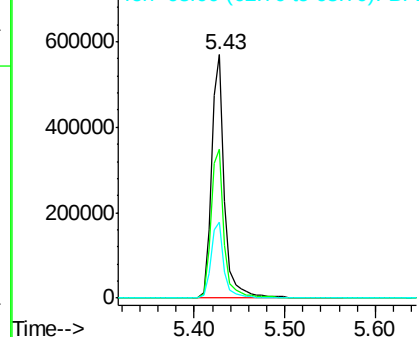
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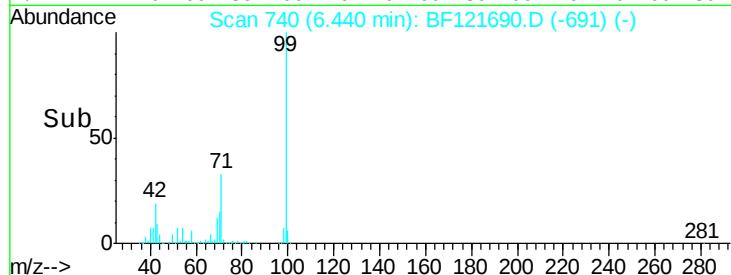
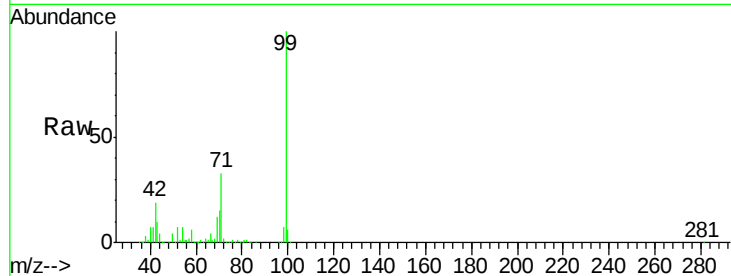
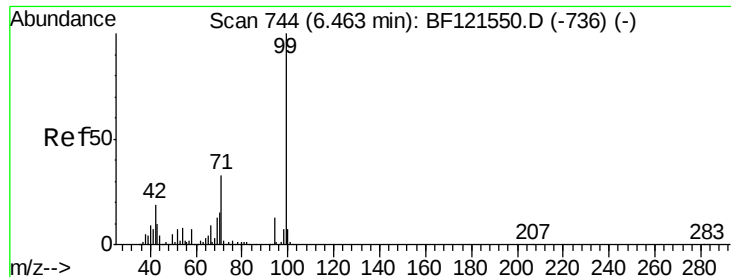
2-Fluorophenol
Concen: 58.706 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF121690.D
Acq: 24 Sep 2020 19:25

Tgt Ion:112 Resp: 573714
Ion Ratio Lower Upper
112 100
64 61.1 52.2 78.2
63 31.2 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: 36.412 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121690.D

Acq: 24 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

MW3

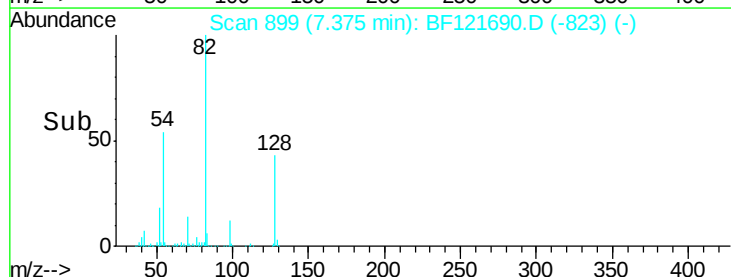
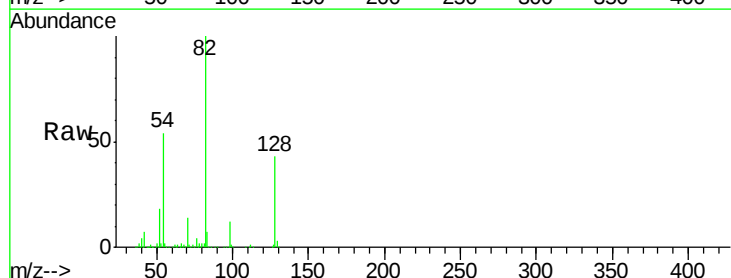
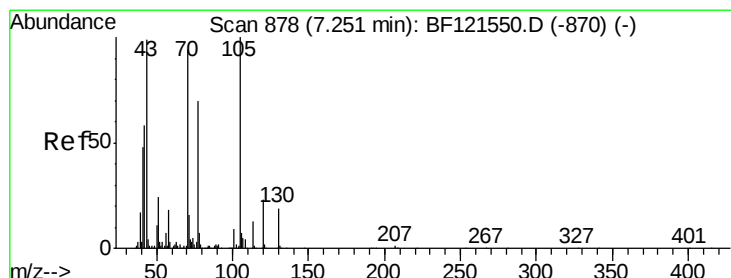
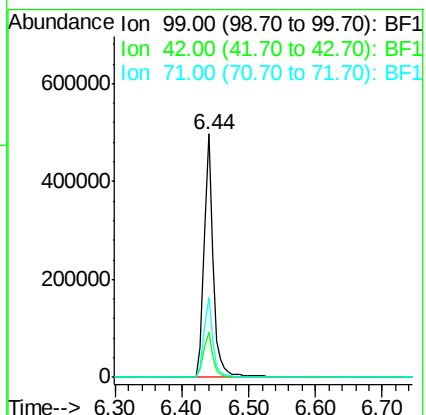
Tot Ion: 99 Resp: 466844

Ion Ratio Lower Upper

99 100

42 18.6 15.5 23.3

71 32.7 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.890 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121690.D

Acq: 24 Sep 2020 19:25

Tgt Ion: 70 Resp: 132194

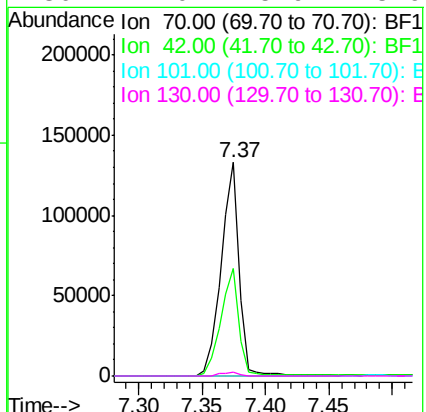
Ion Ratio Lower Upper

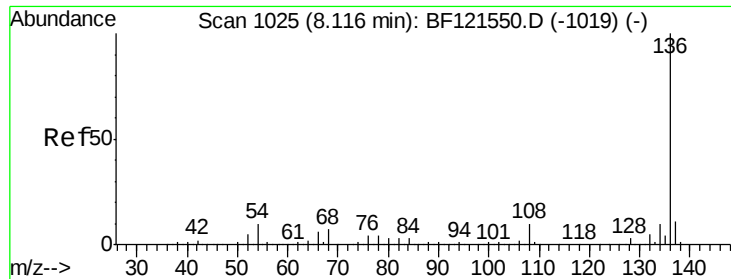
70 100

42 50.2 48.3 72.5

101 0.0 7.6 11.4#

130 2.0 15.9 23.9#

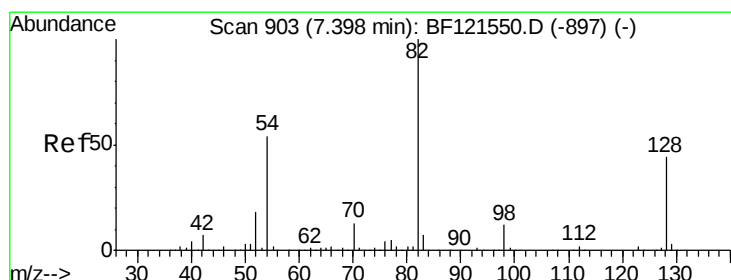
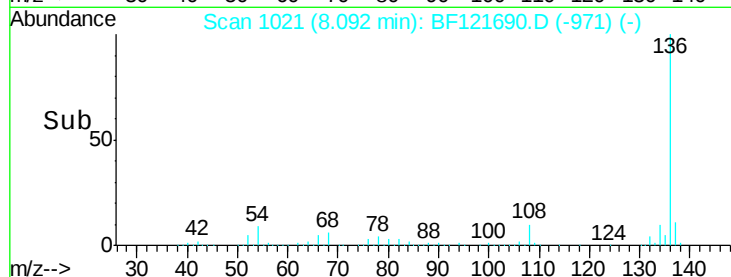
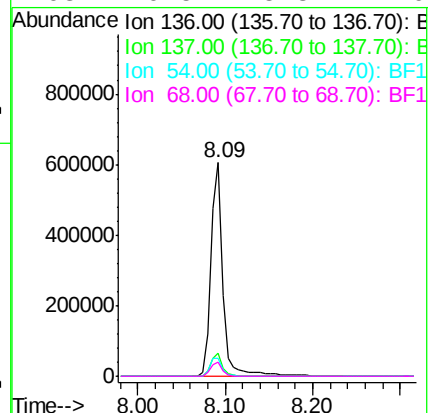
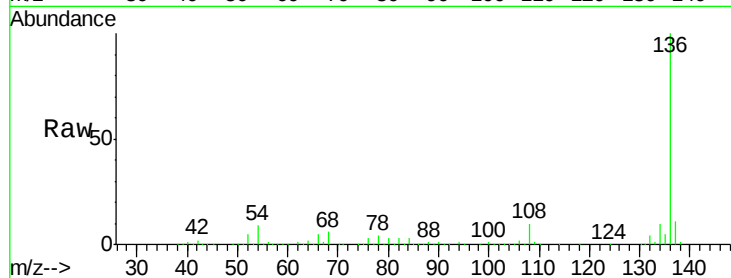




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121690.D
Acq: 24 Sep 2020 19:25

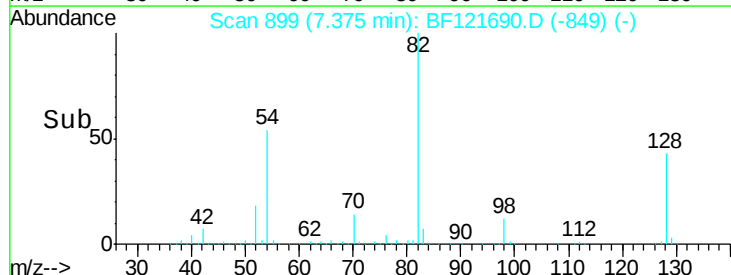
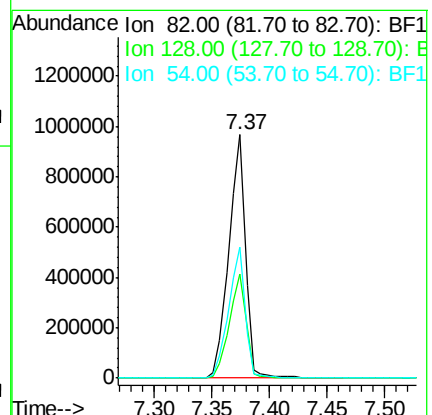
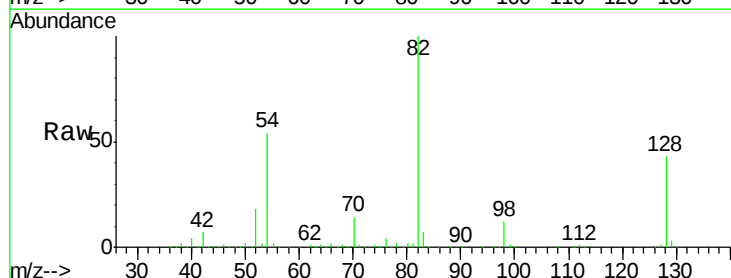
Instrument :
BNA_F
ClientSampleId :
MW3

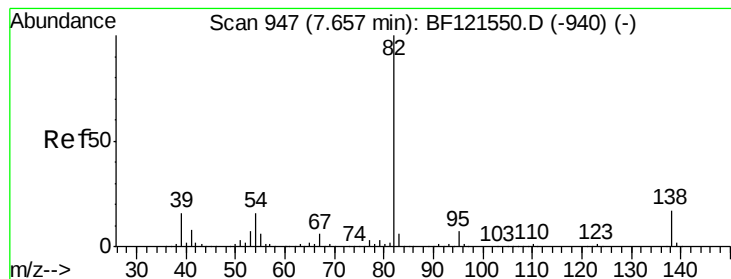
Tot Ion:136	Resp:	575550
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	8.7	7.4 11.0
68	6.5	5.3 7.9



#23
Nitrobenzene-d5
Concen: 91.297 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121690.D
Acq: 24 Sep 2020 19:25

Tgt Ion: 82	Resp:	978663
Ion	Ratio	Lower Upper
82	100	
128	43.0	33.9 50.9
54	53.6	42.9 64.3





#25

Isophorone

Concen: 45.049 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121690.D

Acq: 24 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

MW3

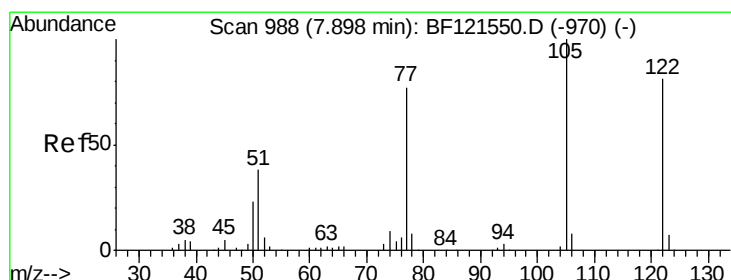
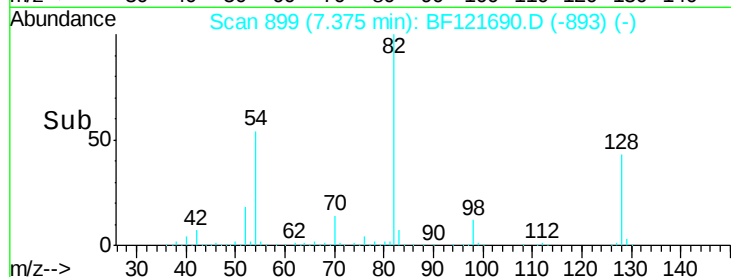
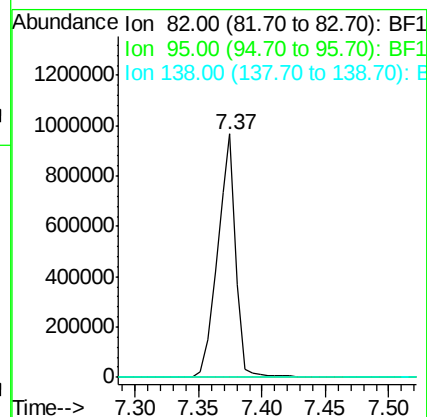
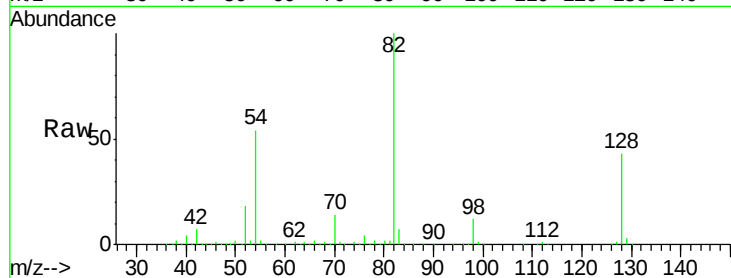
Tot Ion: 82 Resp: 972091

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 13.2 19.8#



#32

Benzoic acid

Concen: 6.962 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.02 min

Lab File: BF121690.D

Acq: 24 Sep 2020 19:25

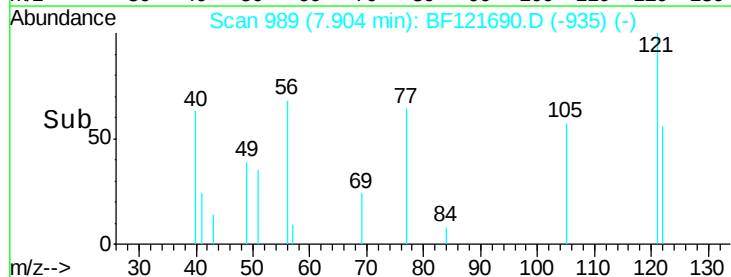
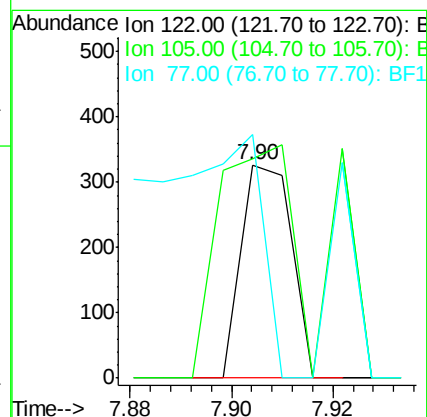
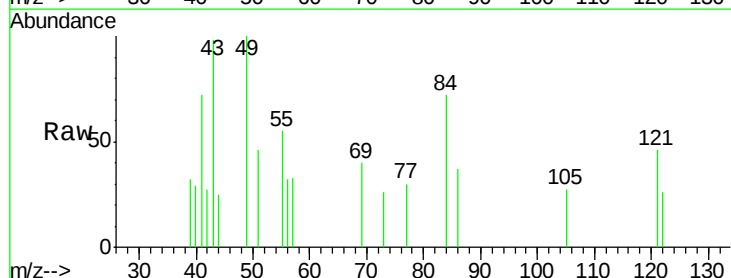
Tgt Ion: 122 Resp: 225

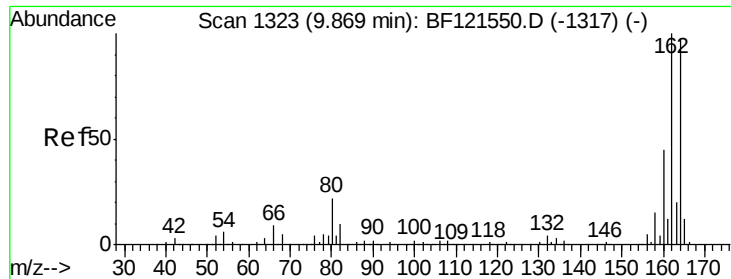
Ion Ratio Lower Upper

122 100

105 102.8 101.9 141.9

77 114.1 69.0 109.0#

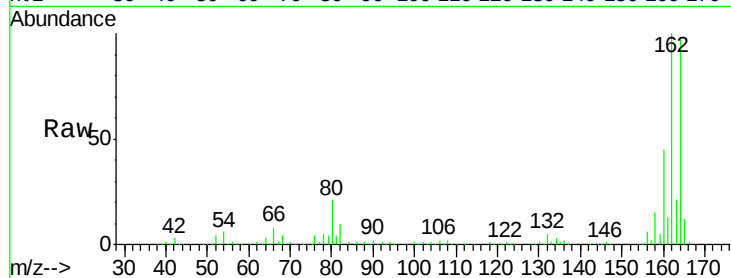




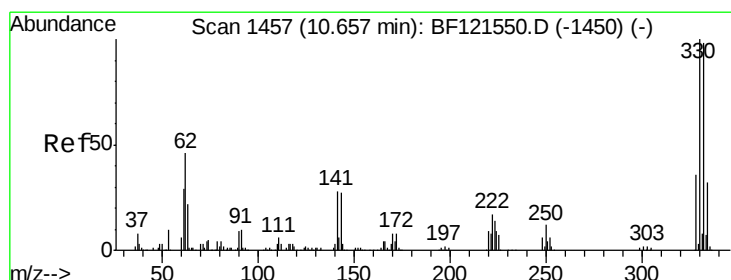
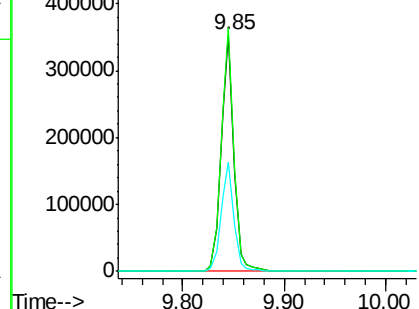
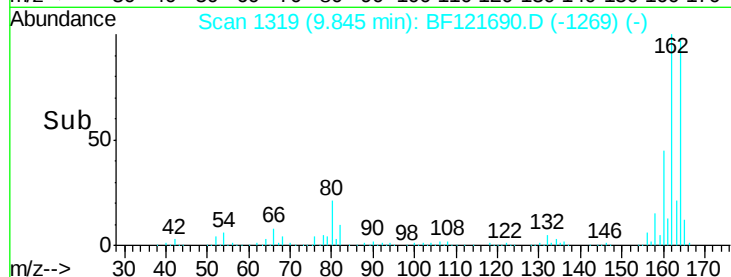
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121690.D
 Acq: 24 Sep 2020 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.2	121.8
160	46.3	36.2	54.4

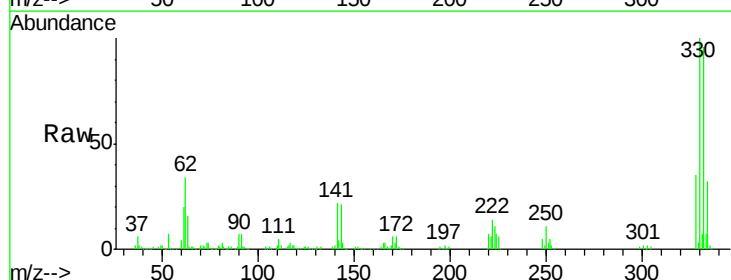


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

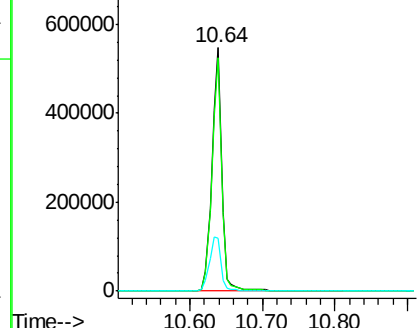
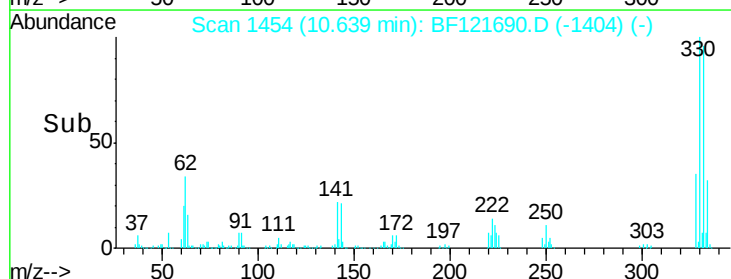


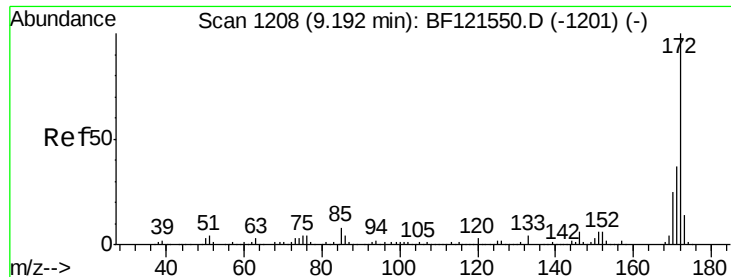
#42
 2,4,6-Tribromophenol
 Concen: 135.998 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121690.D
 Acq: 24 Sep 2020 19:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	26.9	22.4	33.6



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

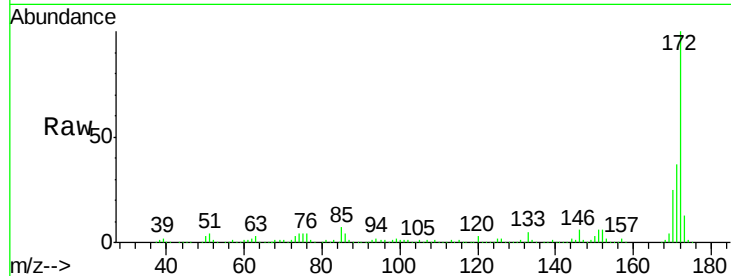




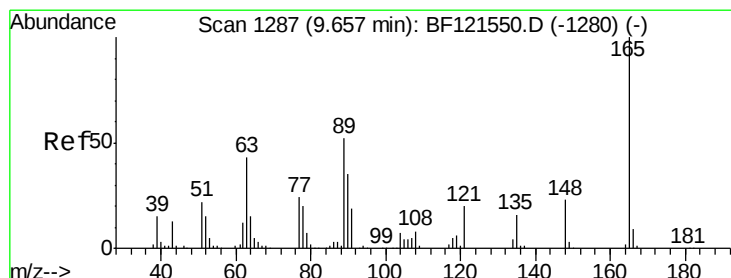
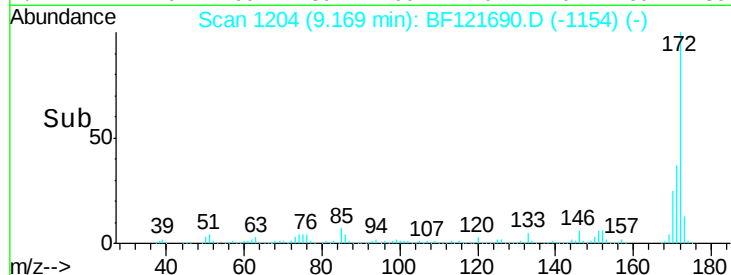
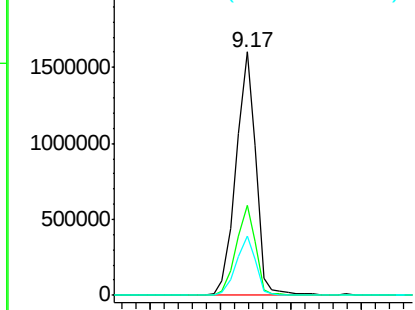
#45
 2-Fluorobiphenyl
 Concen: 77.960 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121690.D
 Acq: 24 Sep 2020 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Tot Ion:172 Resp: 1572041
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 24.5 19.5 29.3

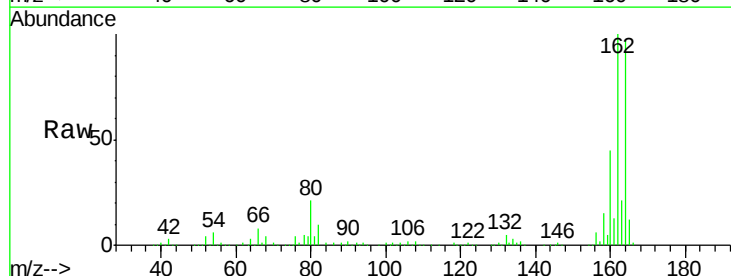


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

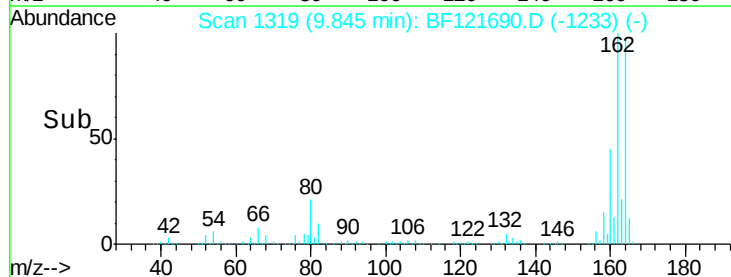
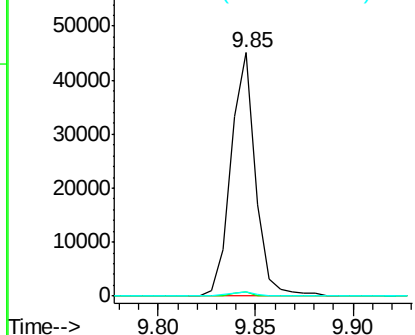


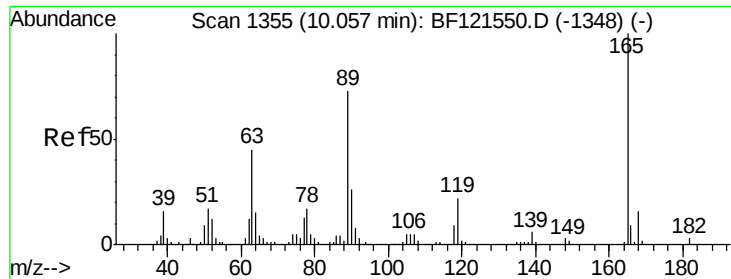
#51
 2,6-Dinitrotoluene
 Concen: 8.325 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF121690.D
 Acq: 24 Sep 2020 19:25

Tgt Ion:165 Resp: 39242
 Ion Ratio Lower Upper
 165 100
 63 1.6 47.6 71.4#
 89 1.6 46.0 69.0#



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

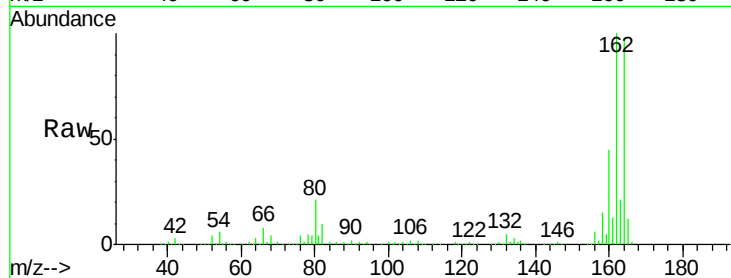




#57
 2,4-Dinitrotoluene
 Concen: 6.617 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121690.D
 Acq: 24 Sep 2020 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.7	55.1#
89	1.6	57.7	86.5#
182	0.0	2.1	3.1#

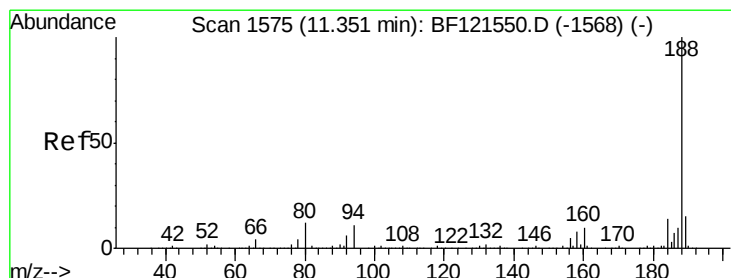
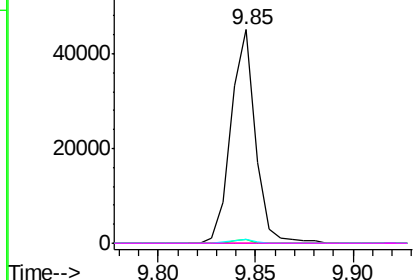
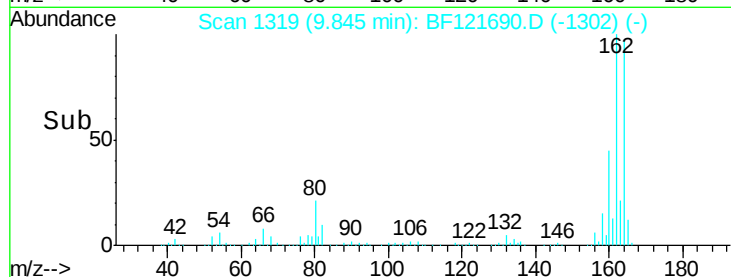


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

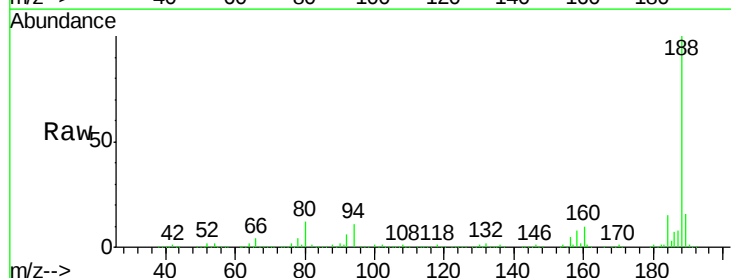
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF121690.D
 Acq: 24 Sep 2020 19:25

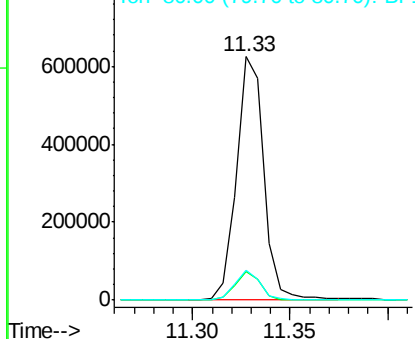
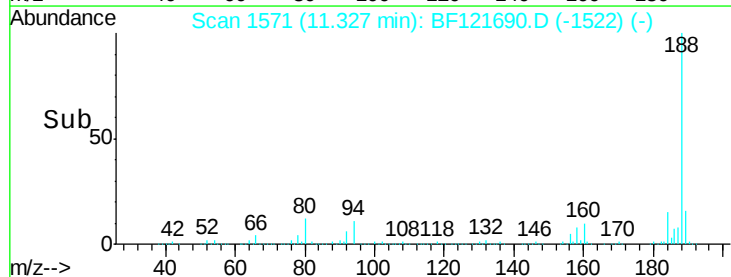
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.4	12.6
80	12.4	9.0	13.4

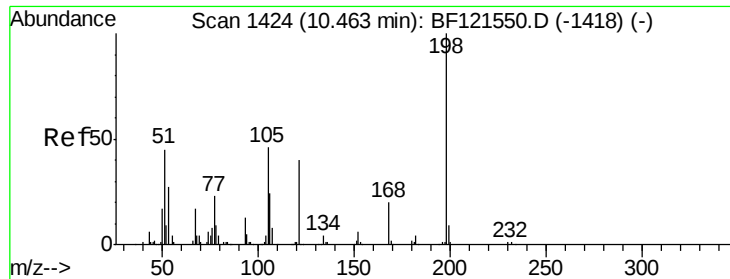


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

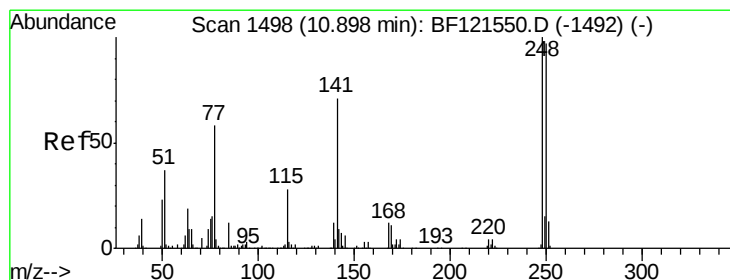
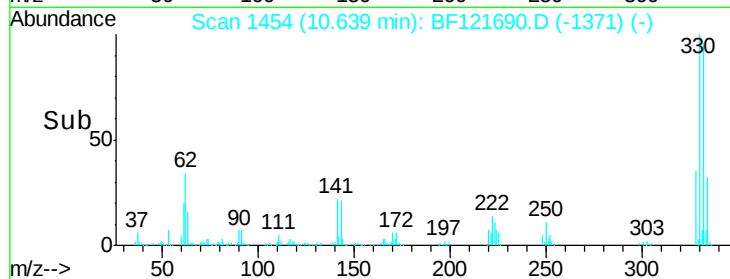
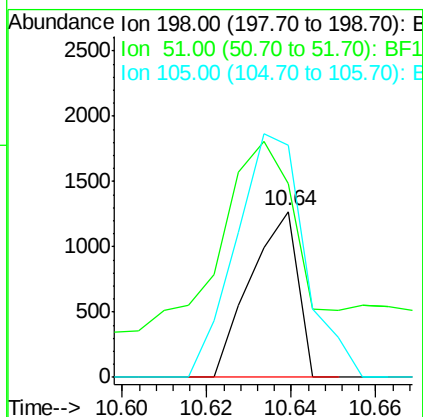
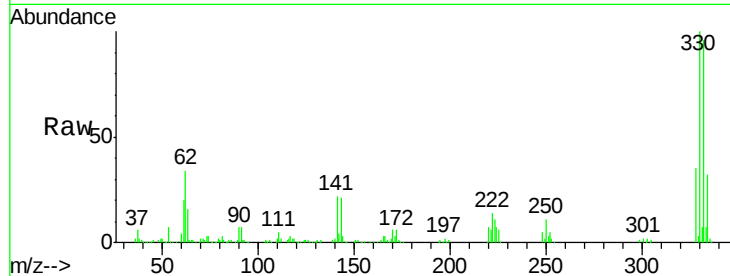




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.080 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF121690.D
 Acq: 24 Sep 2020 19:25

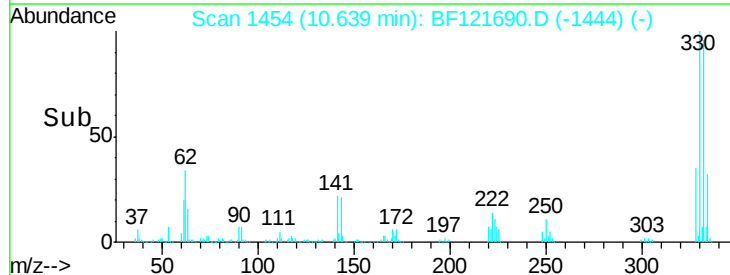
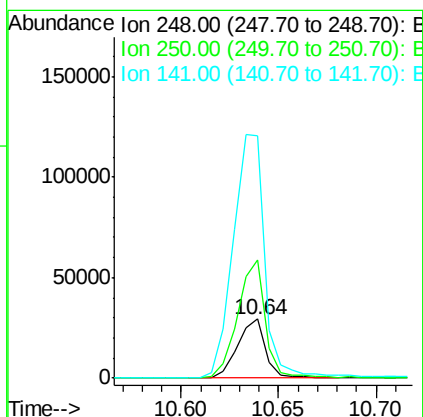
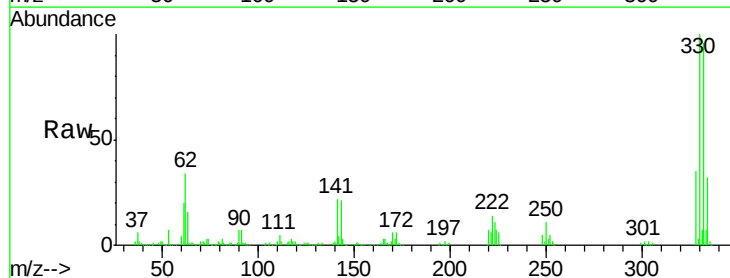
Instrument :
 BNA_F
 ClientSampled :
 MW3

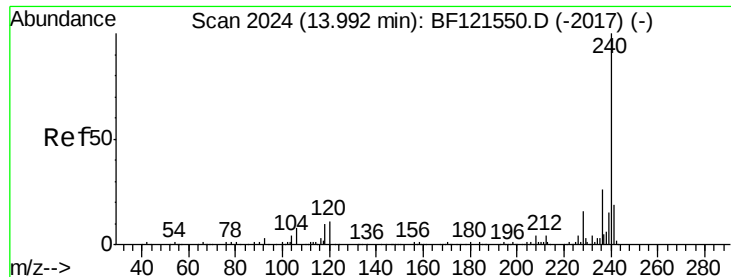
Tot Ion:198 Resp: 990
 Ion Ratio Lower Upper
 198 100
 51 117.4 20.3 60.3#
 105 140.3 20.2 60.2#



#67
 4-Bromophenyl-phenylether
 Concen: 4.191 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121690.D
 Acq: 24 Sep 2020 19:25

Tgt Ion:248 Resp: 28928
 Ion Ratio Lower Upper
 248 100
 250 198.6 79.4 119.0#
 141 408.4 52.2 78.4#

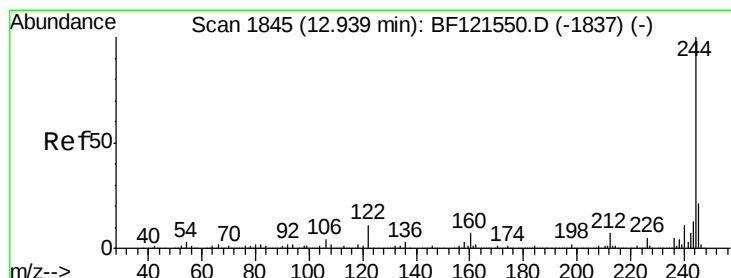
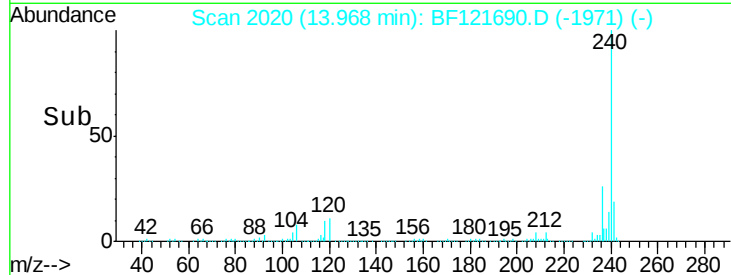
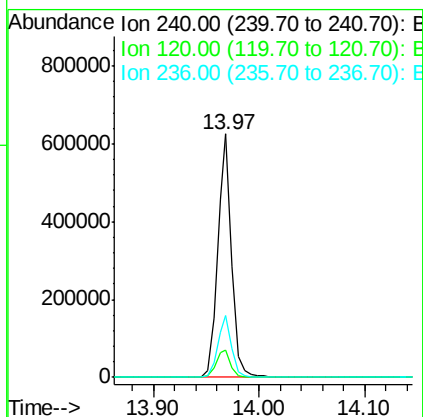
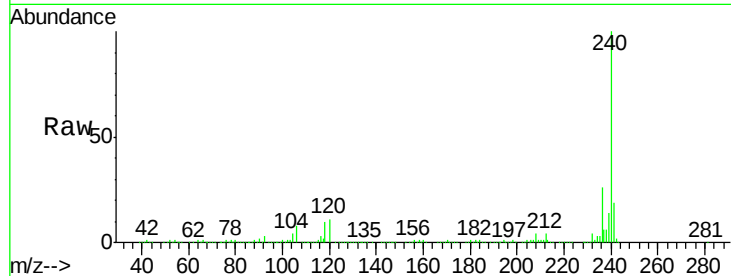




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121690.D
Acq: 24 Sep 2020 19:25

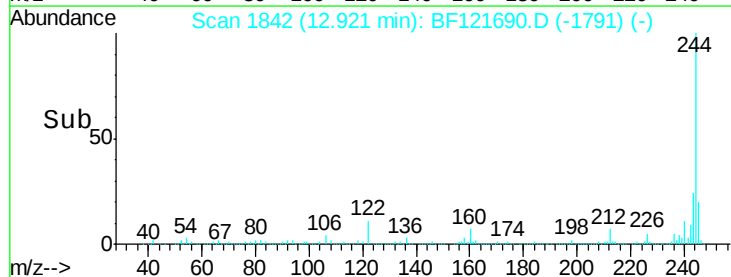
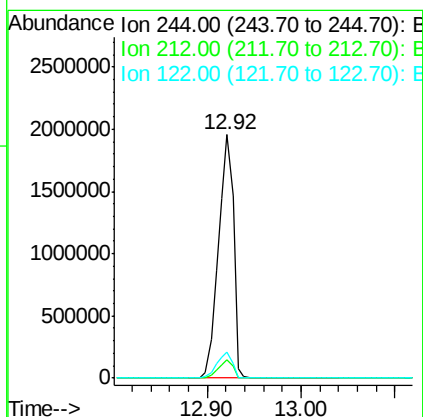
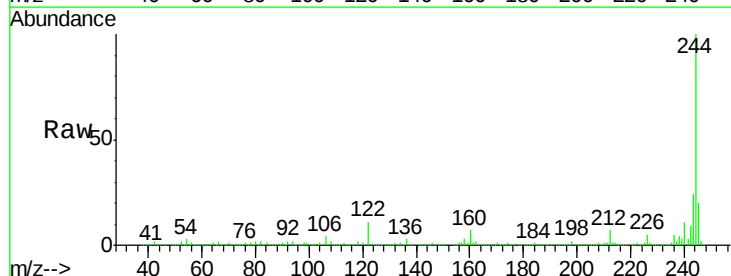
Instrument :
BNA_F
ClientSampleId :
MW3

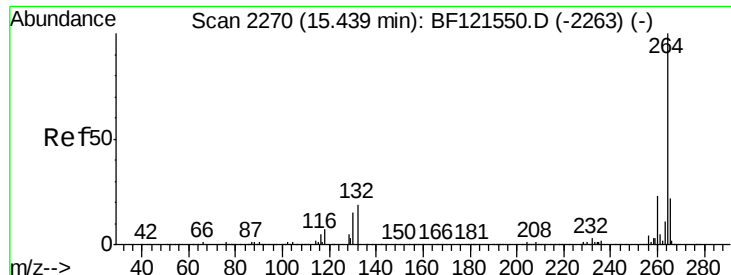
Tot Ion:240 Resp: 578270
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.5 20.4 30.6



#79
Terphenyl-d14
Concen: 76.814 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF121690.D
Acq: 24 Sep 2020 19:25

Tgt Ion:244 Resp: 2192556
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 10.6 7.4 11.0

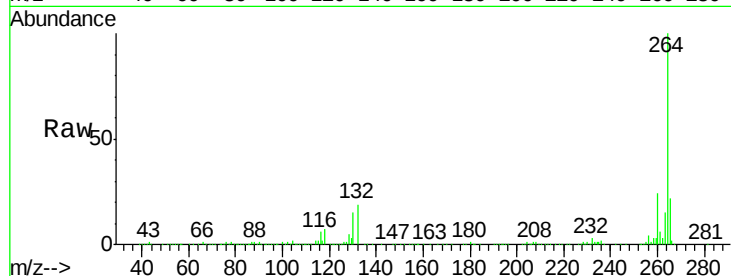




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121690.D
 Acq: 24 Sep 2020 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Tot Ion: 264 Resp: 482447
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

