

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121668.D
 Acq On : 23 Sep 2020 15:30
 Operator : JU/CG
 Sample : PB131842BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BL

Quant Time: Sep 23 16:26:43 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

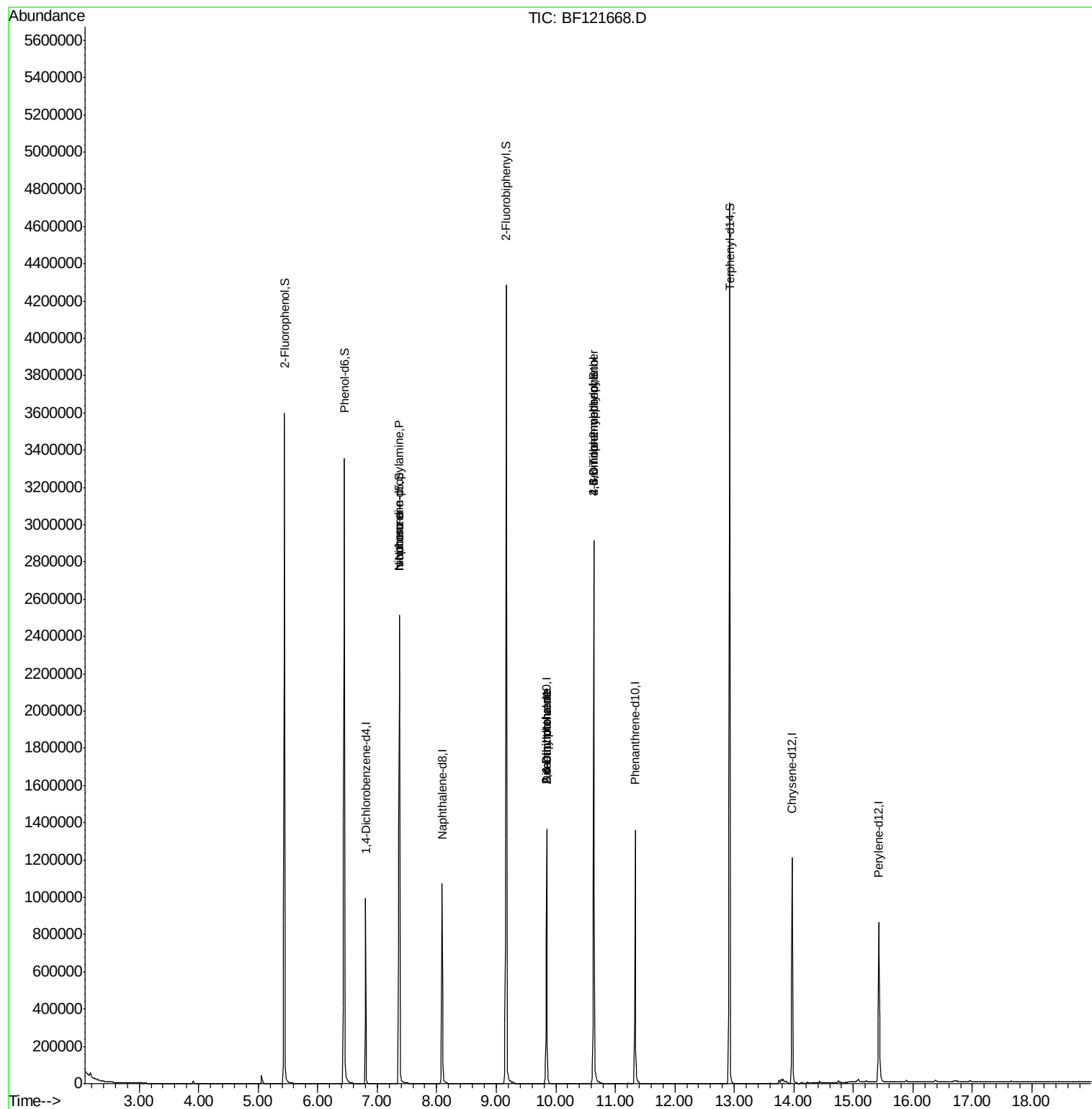
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146229	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	576203	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	293267	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	562912	20.00	ng	0.00
76) Chrysene-d12	13.97	240	478316	20.00	ng	-0.01
86) Perylene-d12	15.43	264	438761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1084444	110.21	ng	0.01
7) Phenol-d6	6.45	99	1397371	108.25	ng	0.00
23) Nitrobenzene-d5	7.37	82	944238	87.99	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	421072	115.52	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1644295	84.92	ng	0.00
79) Terphenyl-d14	12.92	244	1763639	74.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	127511	17.139	ng	# 79
25) Isophorone	7.37	82	927161	42.918	ng	# 67
50) Dimethylphthalate	9.85	163	59029	2.777	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	37439	8.271	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	37439	6.574	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.64	198	773	7.044	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	24405	3.808	ng	# 1

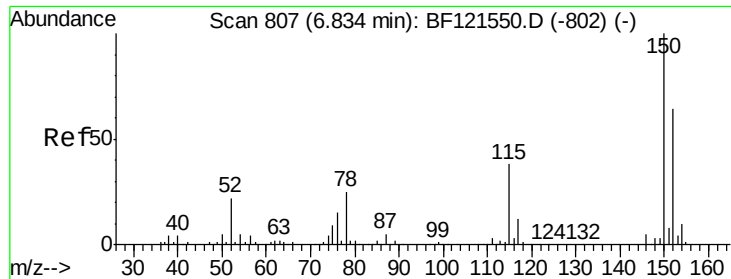
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
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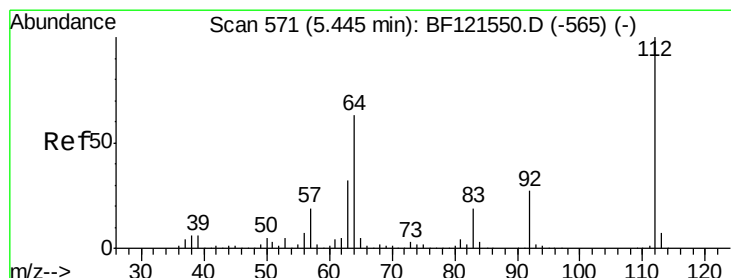
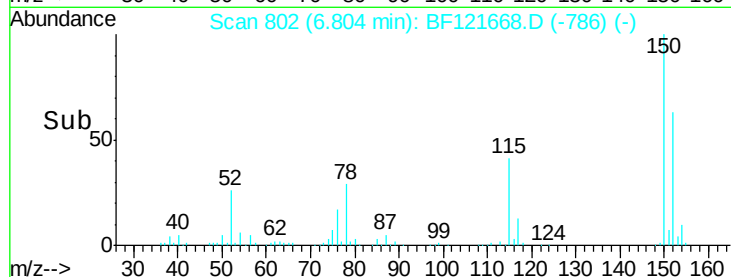
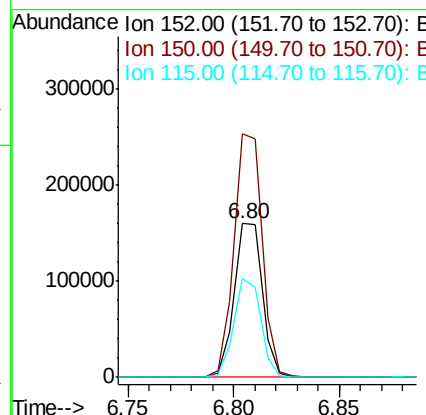
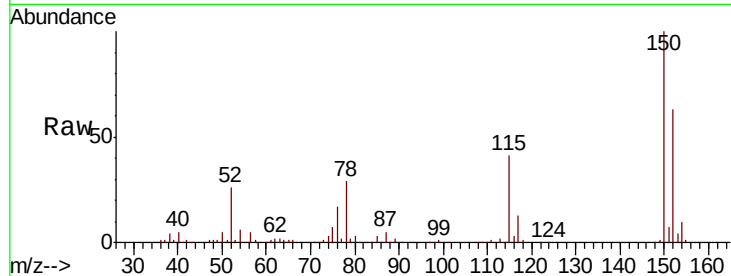


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF121668.D
Acq: 23 Sep 2020 15:30

Instrument :
BNA_F
ClientSampleId :
PB131842BL

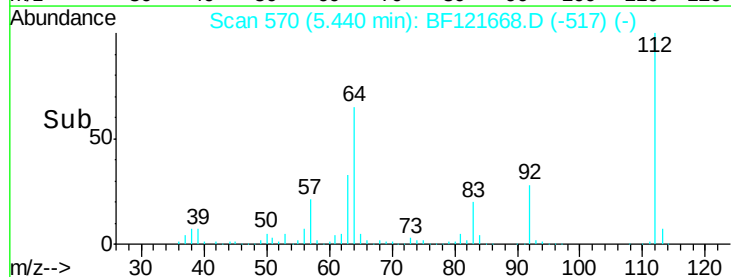
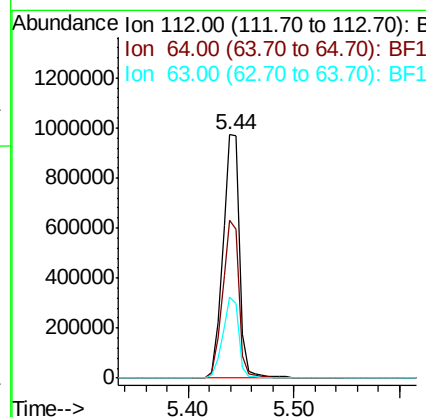
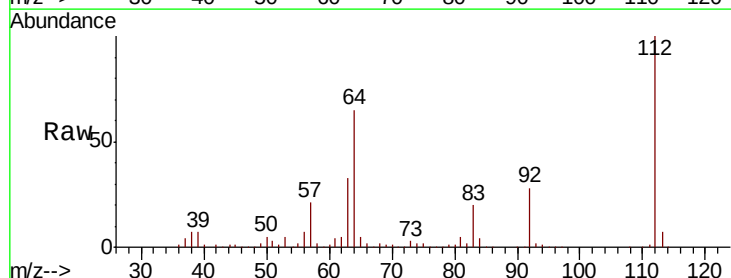
Tot Ion:152 Resp: 146229
Ion Ratio Lower Upper
152 100
150 158.5 128.1 192.1
115 64.7 52.6 79.0

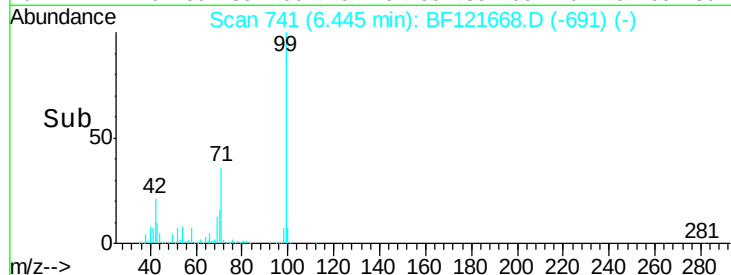
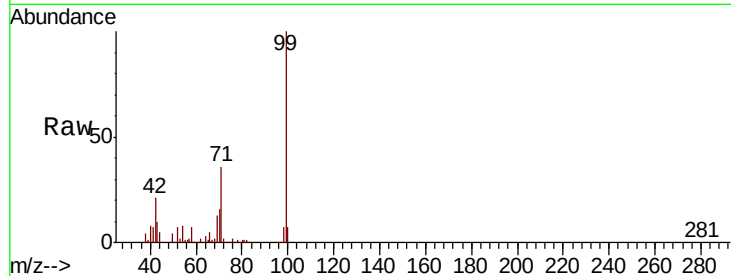
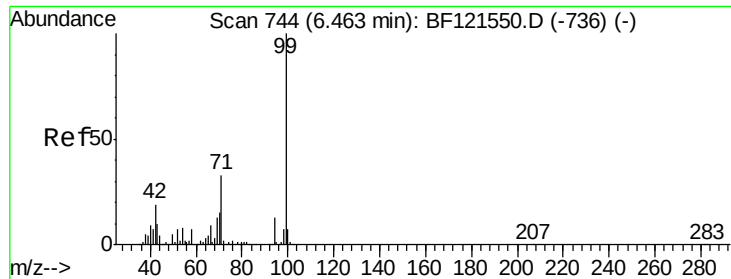


#5

2-Fluorophenol
Concen: 110.212 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF121668.D
Acq: 23 Sep 2020 15:30

Tgt Ion:112 Resp: 1084444
Ion Ratio Lower Upper
112 100
64 65.0 52.2 78.2
63 33.4 26.6 39.8





#7

Phenol-d6

Concen: 108.248 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121668.D

Acq: 23 Sep 2020 15:30

Instrument :

BNA_F

ClientSampleId :

PB131842BL

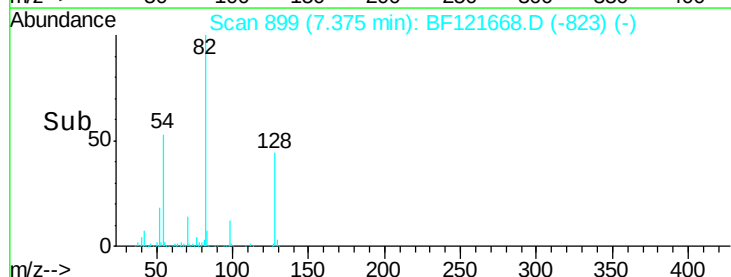
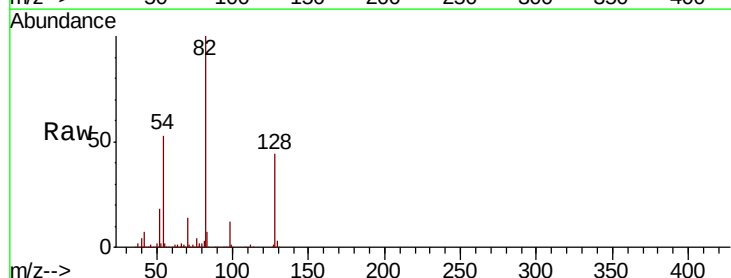
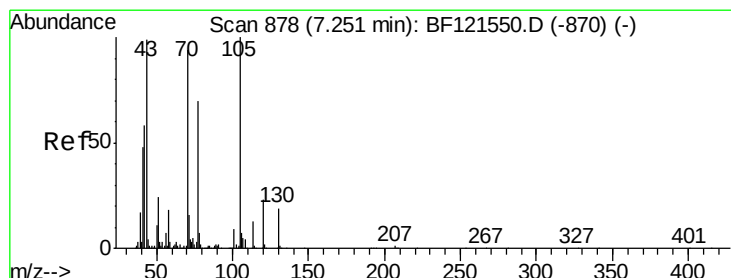
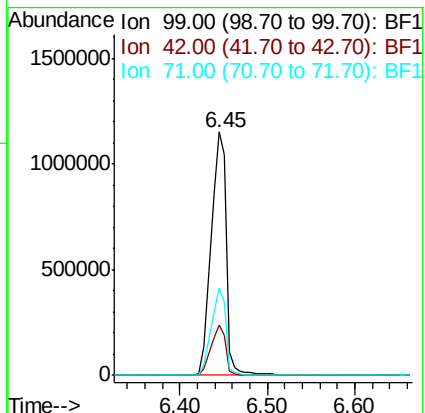
Tot Ion: 99 Resp: 1397371

Ion Ratio Lower Upper

99 100

42 20.5 15.5 23.3

71 36.0 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.139 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121668.D

Acq: 23 Sep 2020 15:30

Tgt Ion: 70 Resp: 127511

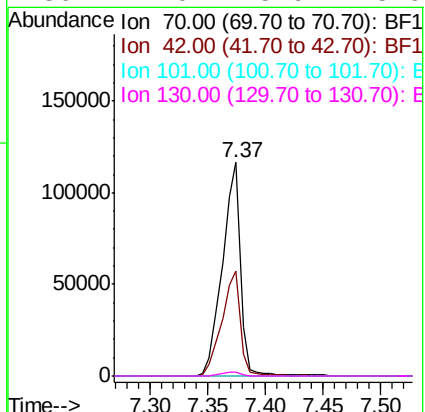
Ion Ratio Lower Upper

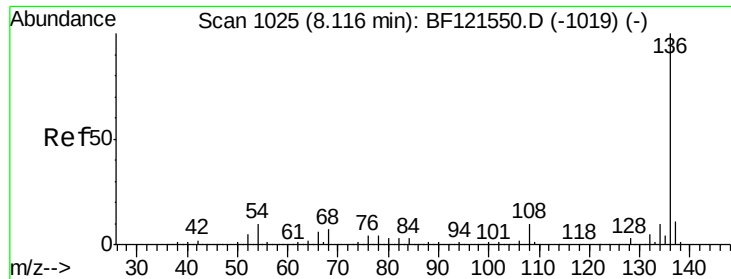
70 100

42 49.2 48.3 72.5

101 0.0 7.6 11.4#

130 2.0 15.9 23.9#

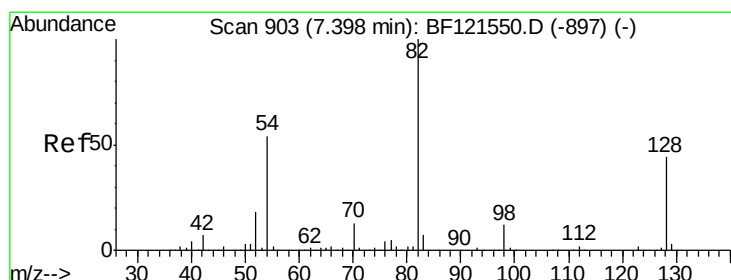
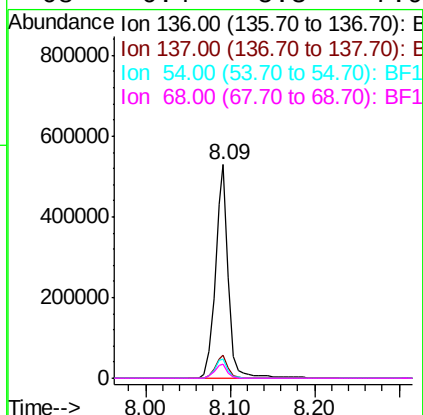
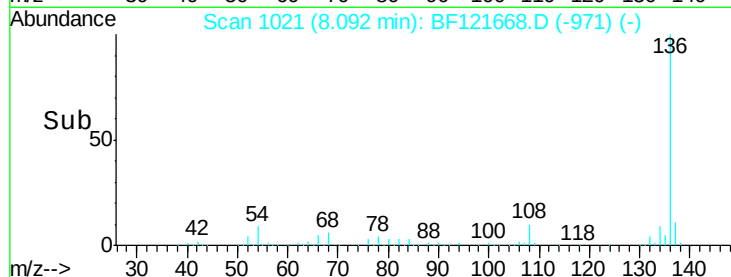
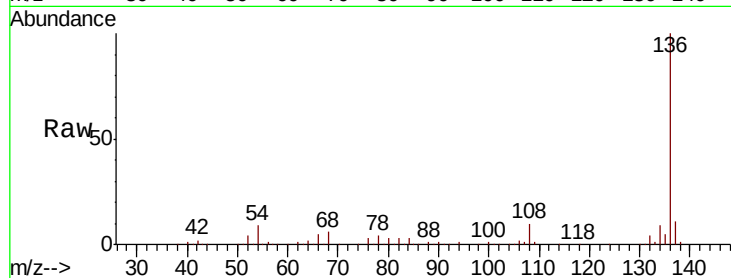




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121668.D
Acq: 23 Sep 2020 15:30

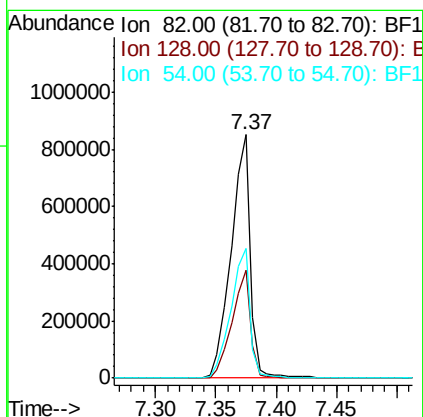
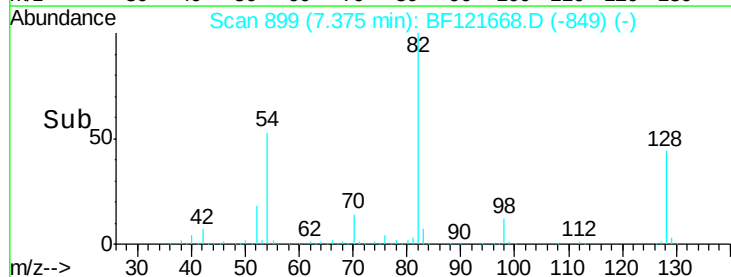
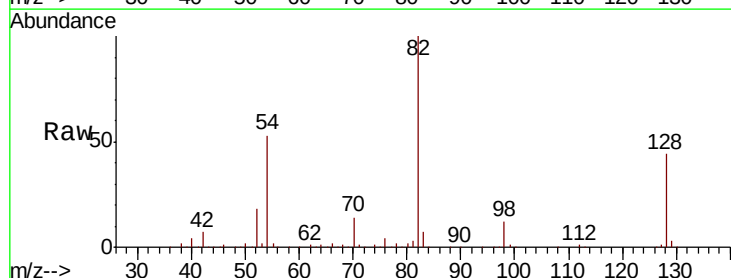
Instrument :
BNA_F
ClientSampleId :
PB131842BL

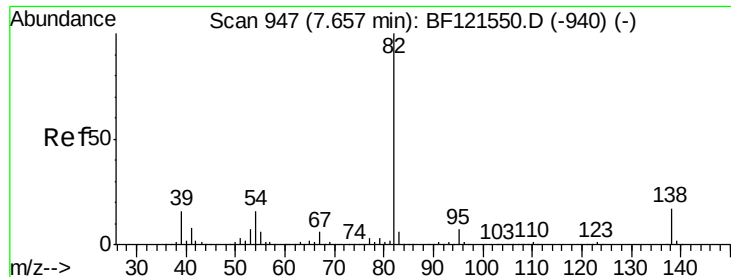
Tot Ion:136	Resp:	576203	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.9	13.3	
54 9.0	7.4	11.0	
68 6.4	5.3	7.9	



#23
Nitrobenzene-d5
Concen: 87.986 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121668.D
Acq: 23 Sep 2020 15:30

Tgt Ion: 82	Resp: 944238
Ion Ratio	Lower Upper
82 100	
128 44.2	33.9 50.9
54 53.1	42.9 64.3





#25

Isophorone

Concen: 42.918 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121668.D

Acq: 23 Sep 2020 15:30

Instrument :

BNA_F

ClientSampleId :

PB131842BL

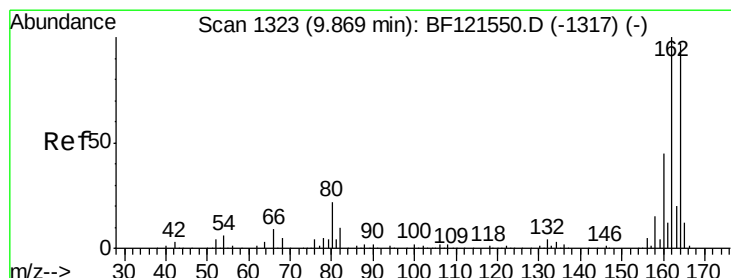
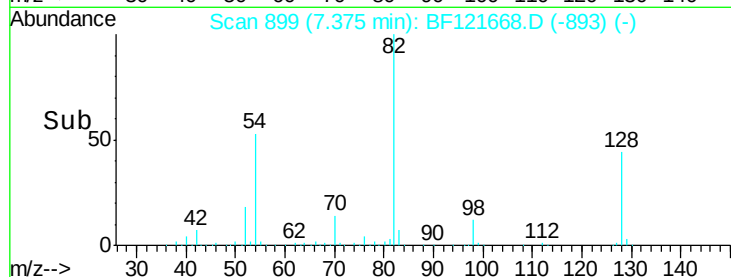
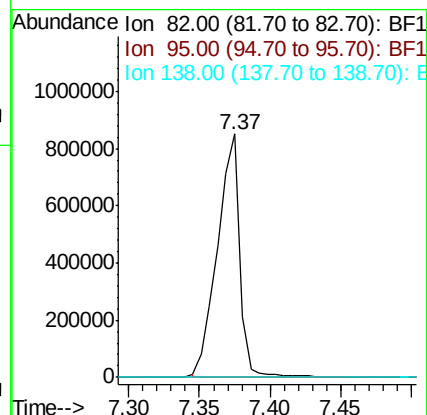
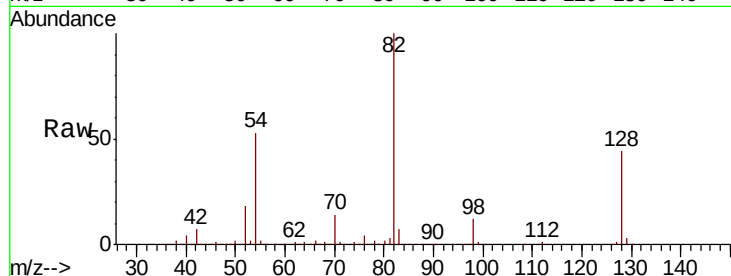
Tot Ion: 82 Resp: 927161

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121668.D

Acq: 23 Sep 2020 15:30

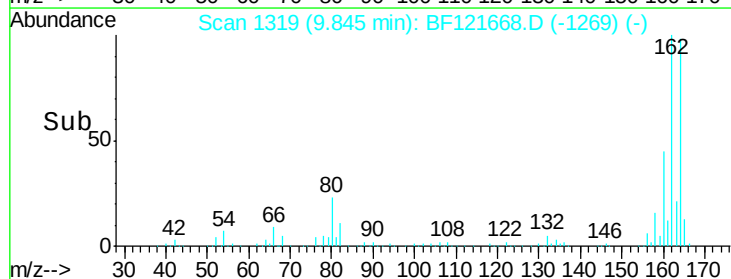
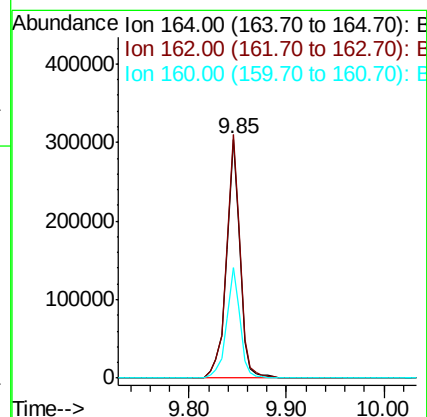
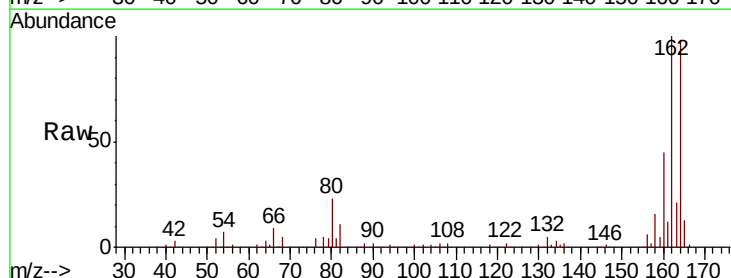
Tgt Ion: 164 Resp: 293267

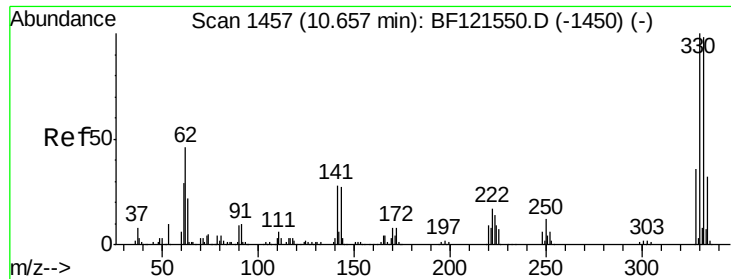
Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

160 46.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 115.523 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121668.D

Acq: 23 Sep 2020 15:30

Instrument :

BNA_F

ClientSampleId :

PB131842BL

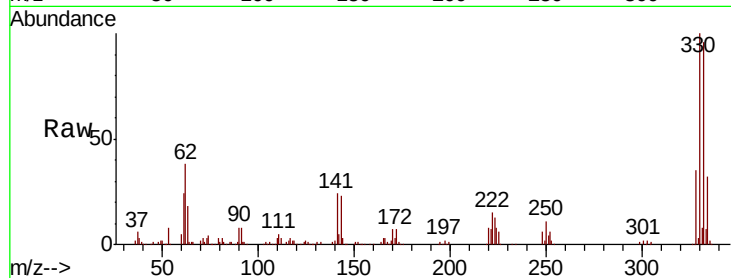
Tot Ion:330 Resp: 421072

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

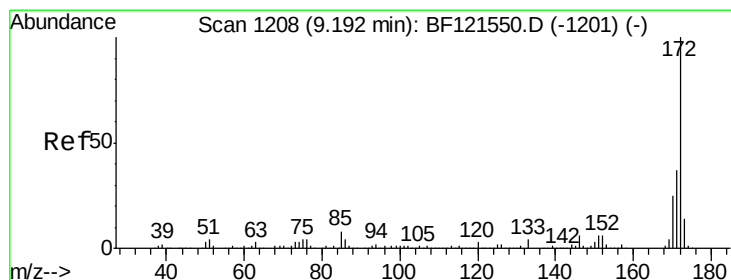
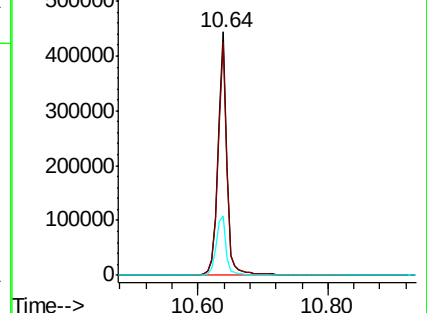
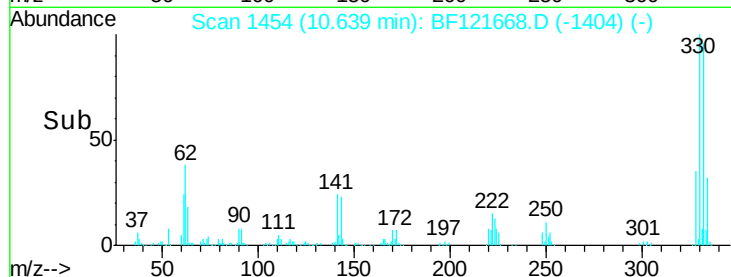
141 27.8 22.4 33.6



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: 84.917 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121668.D

Acq: 23 Sep 2020 15:30

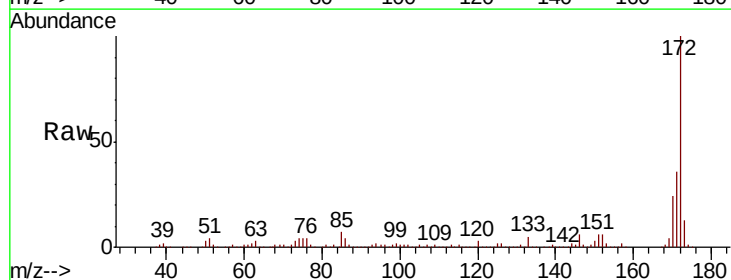
Tgt Ion:172 Resp: 1644295

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

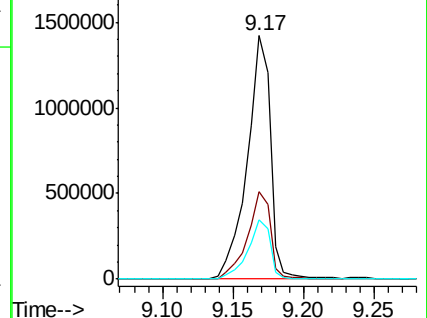
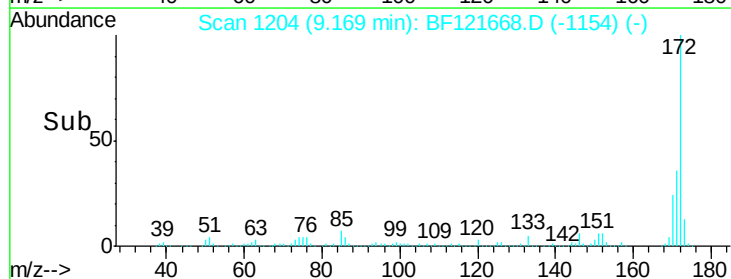
170 24.2 19.5 29.3

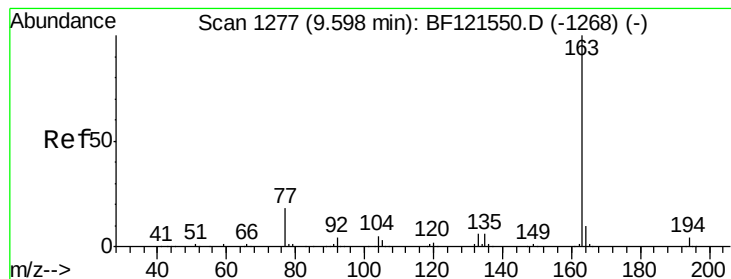


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.777 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.26 min

Lab File: BF121668.D

Acq: 23 Sep 2020 15:30

Instrument :

BNA_F

ClientSampleId :

PB131842BL

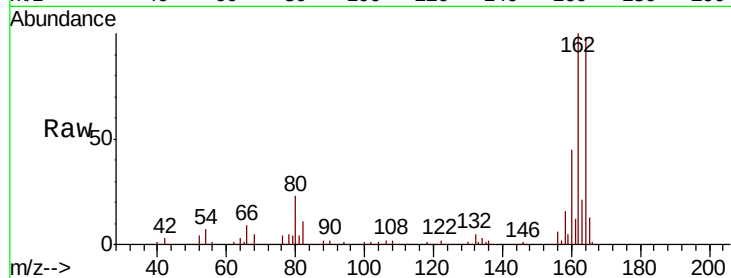
Tot Ion:163 Resp: 59029

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

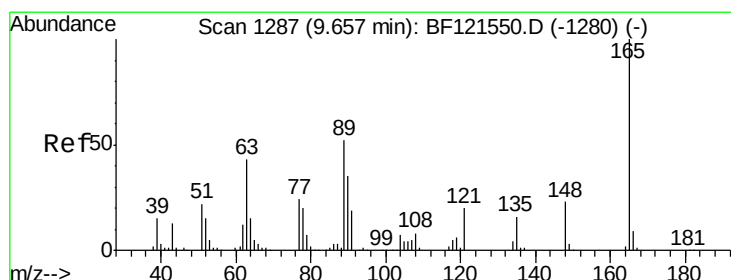
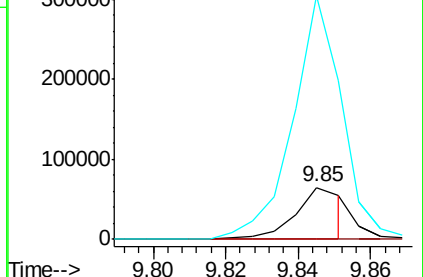
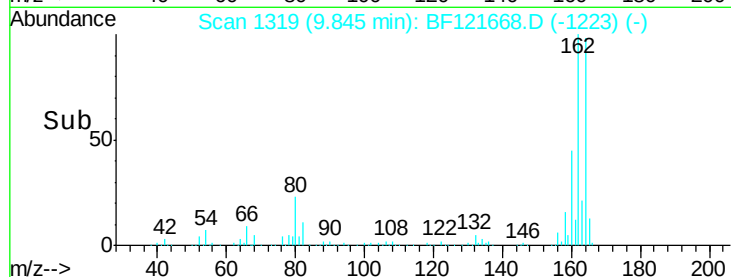
164 471.0 8.0 12.0#



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: 8.271 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF121668.D

Acq: 23 Sep 2020 15:30

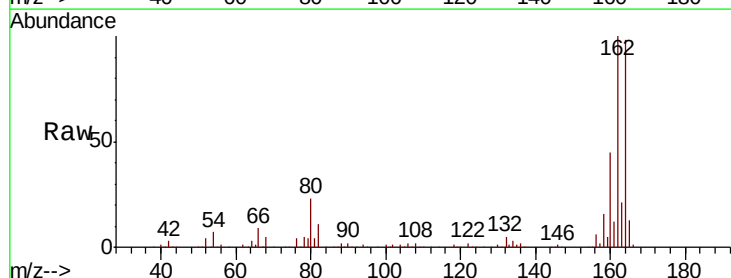
Tgt Ion:165 Resp: 37439

Ion Ratio Lower Upper

165 100

63 1.3 47.6 71.4#

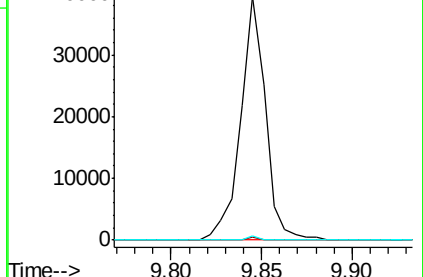
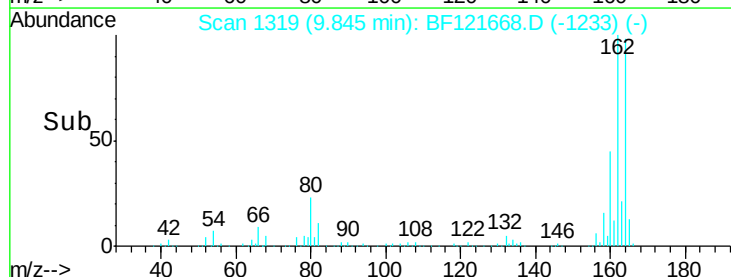
89 1.6 46.0 69.0#

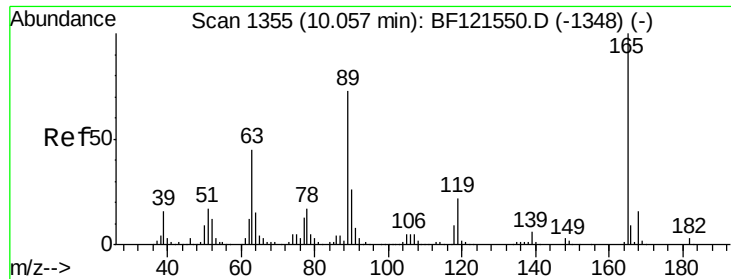


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

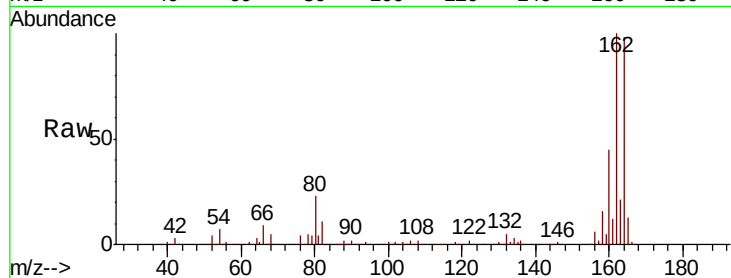




#57
 2,4-Dinitrotoluene
 Concen: 6.574 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121668.D
 Acq: 23 Sep 2020 15:30

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.6	57.7	86.5#
182	0.0	2.1	3.1#

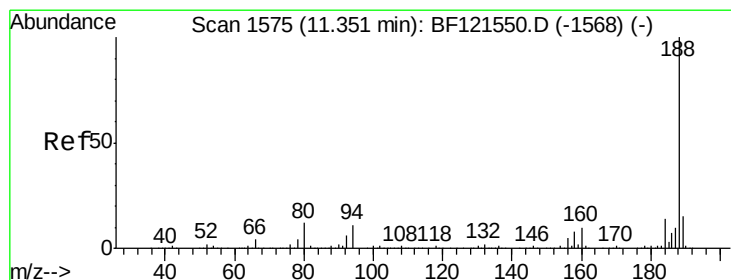
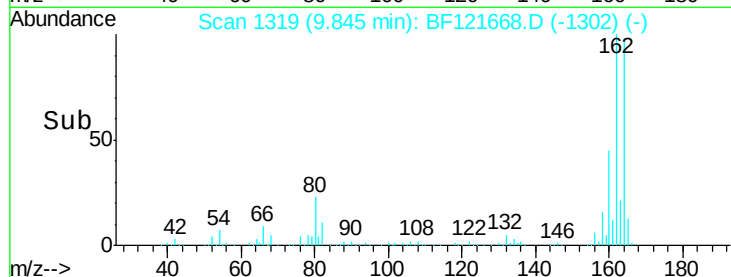
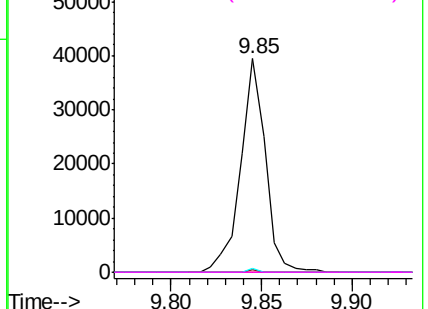


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

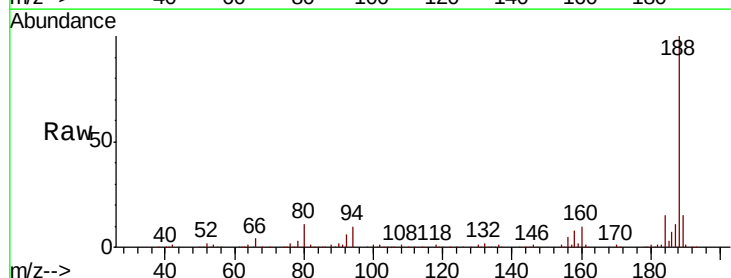
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF121668.D
 Acq: 23 Sep 2020 15:30

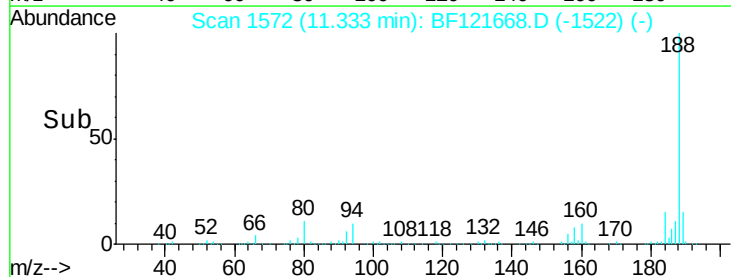
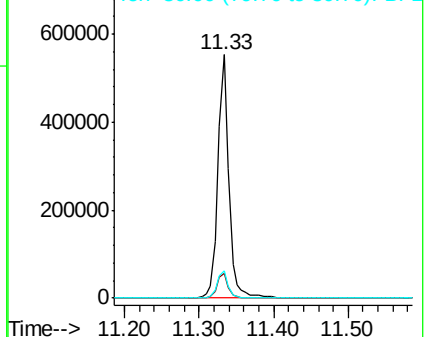
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.4	12.6
80	11.2	9.0	13.4

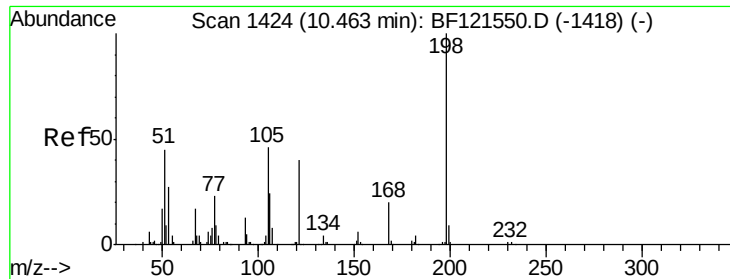


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

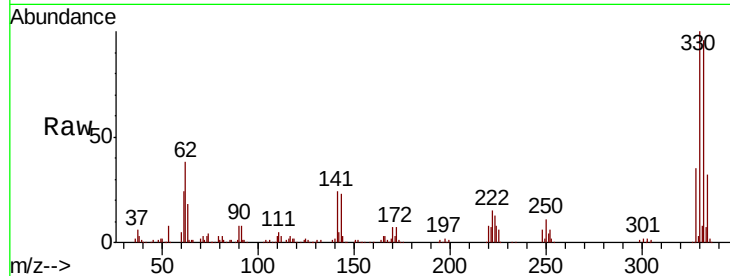




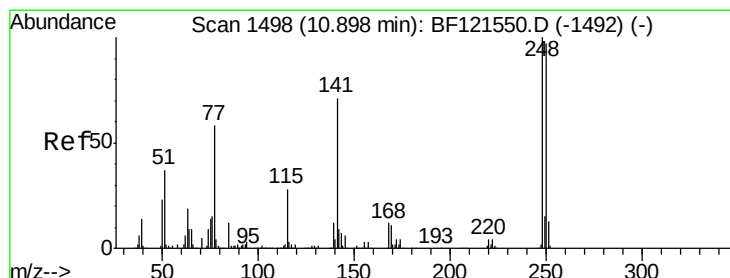
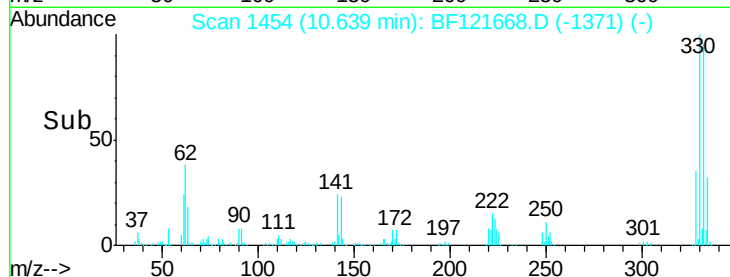
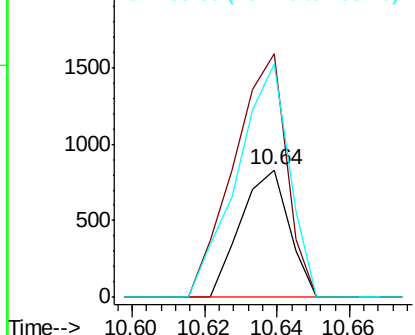
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.044 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF121668.D
 Acq: 23 Sep 2020 15:30

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BL

Tot Ion:198 Resp: 773
 Ion Ratio Lower Upper
 198 100
 51 190.8 20.3 60.3#
 105 182.7 20.2 60.2#

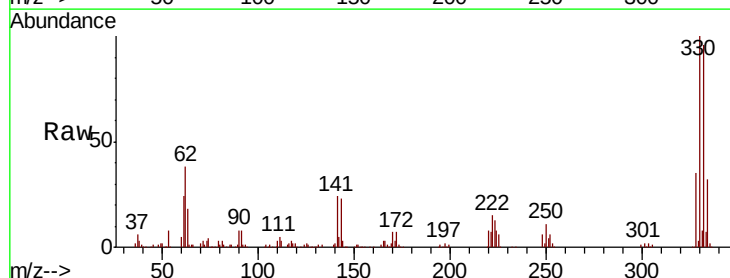


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

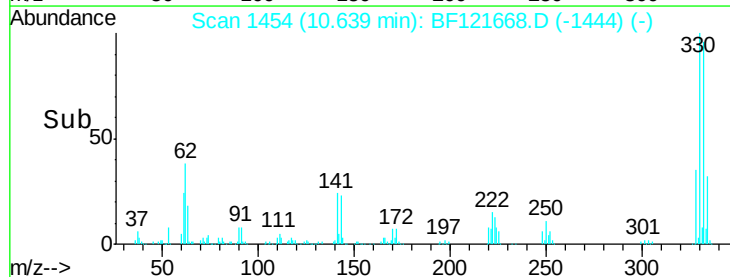
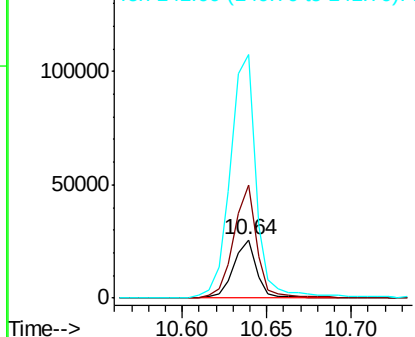


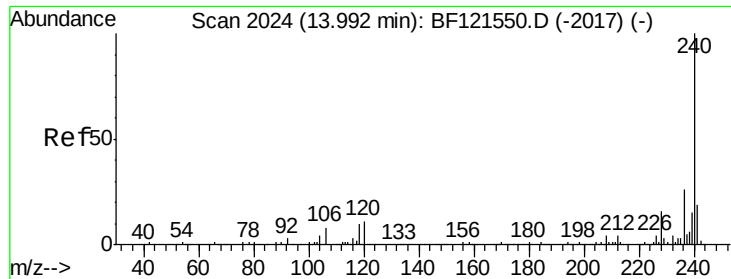
#67
 4-Bromophenyl-phenylether
 Concen: 3.808 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121668.D
 Acq: 23 Sep 2020 15:30

Tgt Ion:248 Resp: 24405
 Ion Ratio Lower Upper
 248 100
 250 195.3 79.4 119.0#
 141 418.5 52.2 78.4#



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

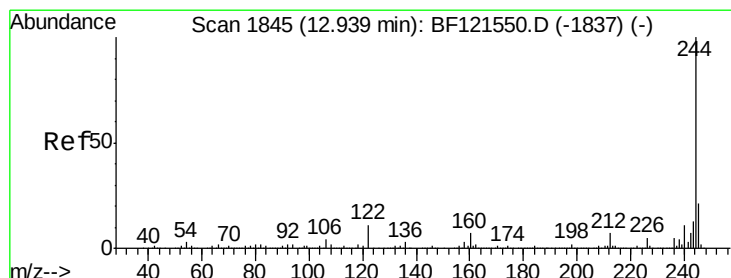
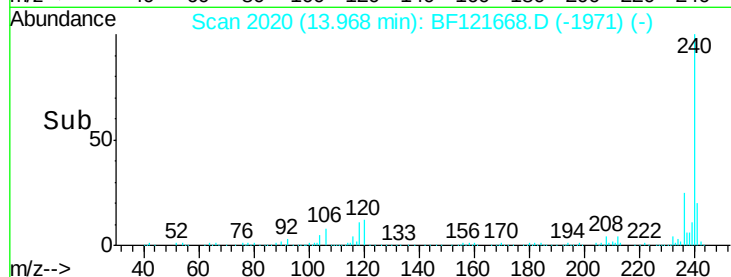
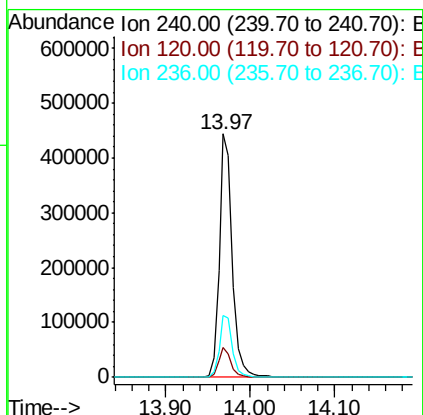
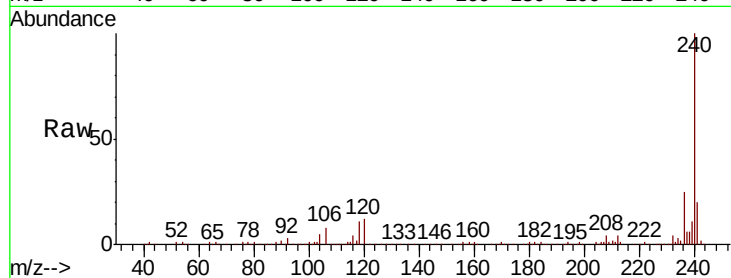




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121668.D
Acq: 23 Sep 2020 15:30

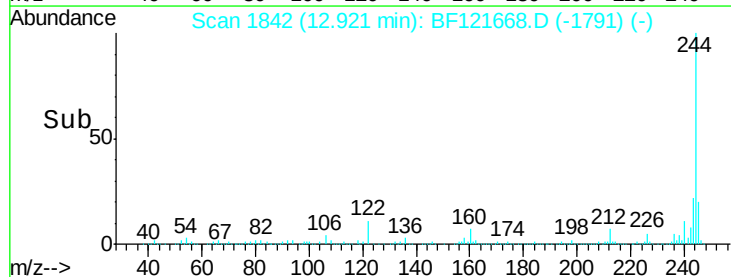
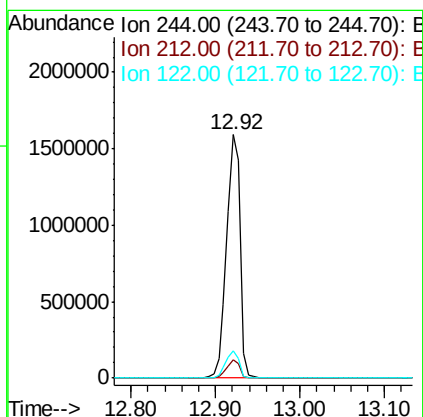
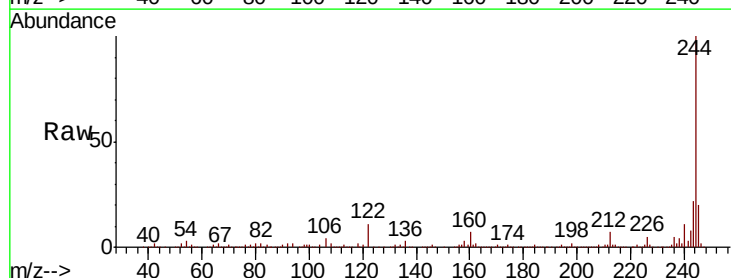
Instrument :
BNA_F
ClientSampleId :
PB131842BL

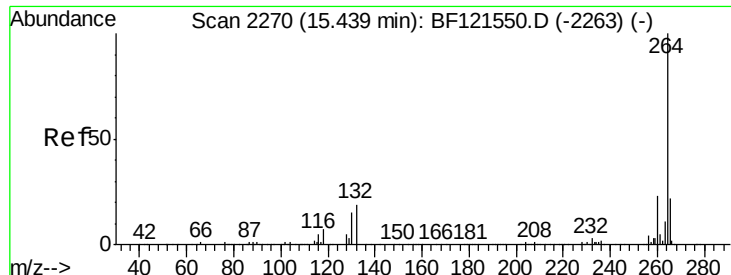
Tot Ion:240 Resp: 478316
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 25.5 20.4 30.6



#79
Terphenyl-d14
Concen: 74.699 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF121668.D
Acq: 23 Sep 2020 15:30

Tgt Ion:244 Resp: 1763639
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 11.2 7.4 11.0#

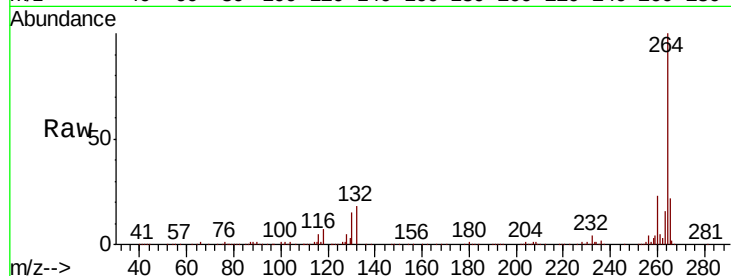




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: BF121668.D
 Acq: 23 Sep 2020 15:30

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BL

Tot Ion: 264 Resp: 438761
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.5 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

