

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092520\
 Data File : BF121694.D
 Acq On : 25 Sep 2020 14:07
 Operator : JU/CG
 Sample : PB131888BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

Quant Time: Sep 25 14:31:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 14:15:19 2020
 Response via : Initial Calibration

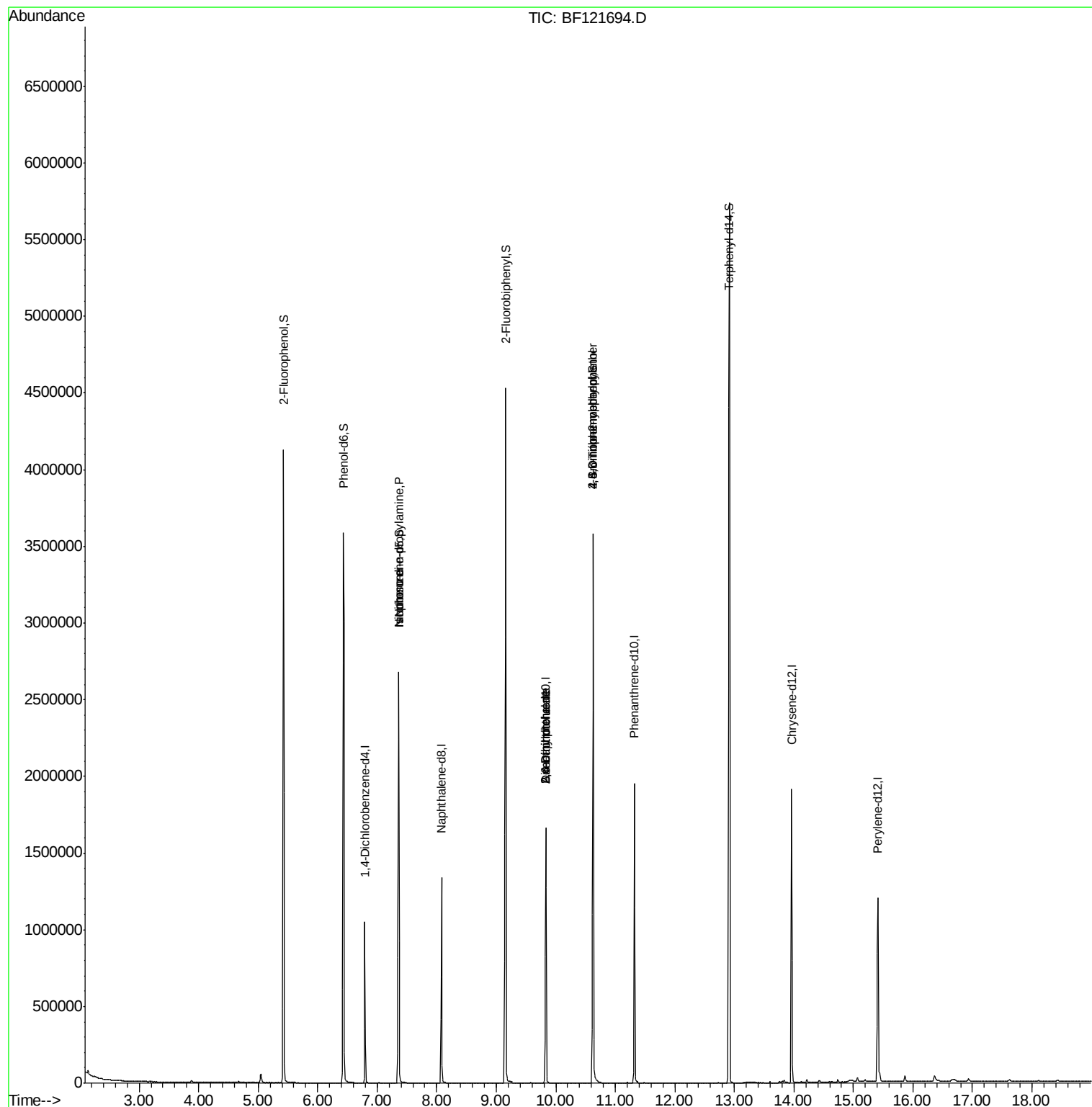
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160453	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	643751	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	351146	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	711179	20.00	ng	0.00
76) Chrysene-d12	13.96	240	657258	20.00	ng	0.00
86) Perylene-d12	15.42	264	581939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1131552	104.81	ng	0.01
7) Phenol-d6	6.43	99	1476537	104.24	ng	0.00
23) Nitrobenzene-d5	7.36	82	1025811	85.56	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	547601	125.47	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1842689	79.48	ng	0.00
79) Terphenyl-d14	12.92	244	2393284	73.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	138529	16.969	ng	# 76
25) Isophorone	7.36	82	1017860	42.173	ng	# 67
50) Dimethylphthalate	9.83	163	70067	2.753	ng	# 1
51) 2,6-Dinitrotoluene	9.83	165	44920	8.288	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	44920	6.588	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.63	198	1015	7.051	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	30650	3.785	ng	# 1

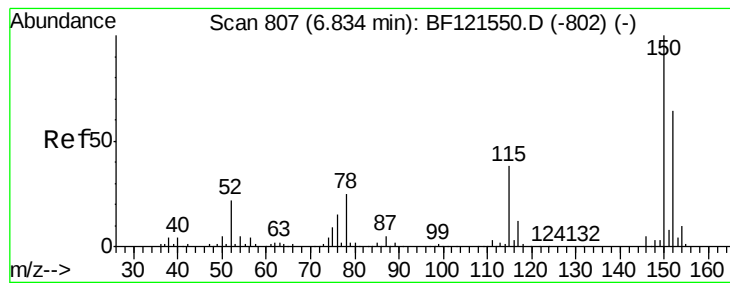
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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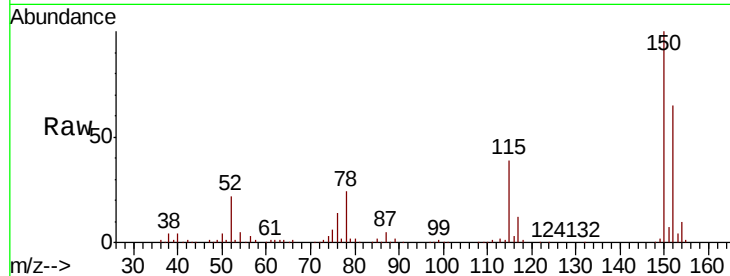


#1

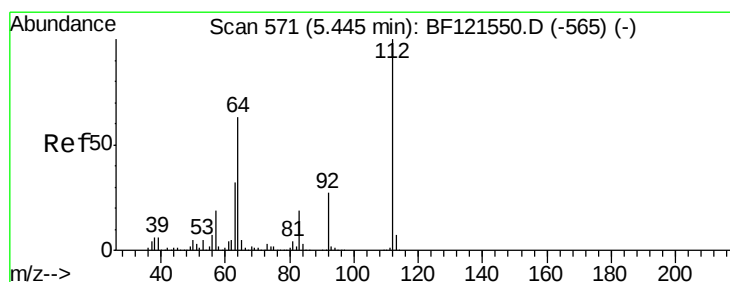
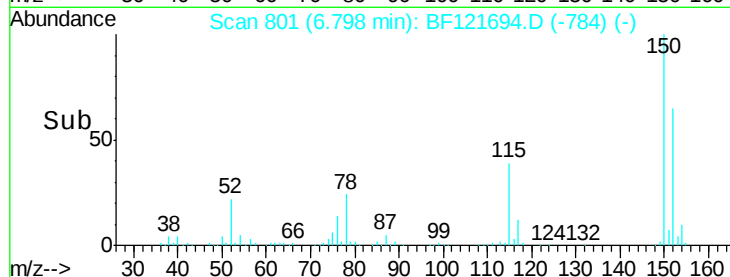
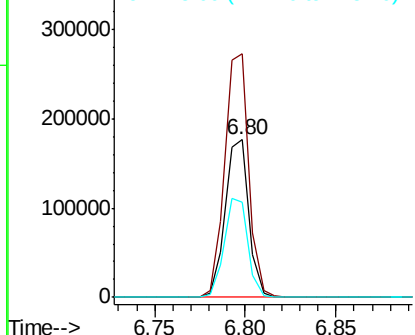
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF121694.D
Acq: 25 Sep 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB131888BL

Tot Ion:152 Resp: 160453
Ion Ratio Lower Upper
152 100
150 154.7 126.1 189.1
115 60.2 50.6 76.0



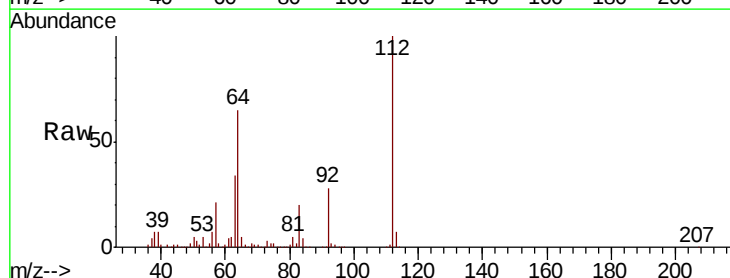
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



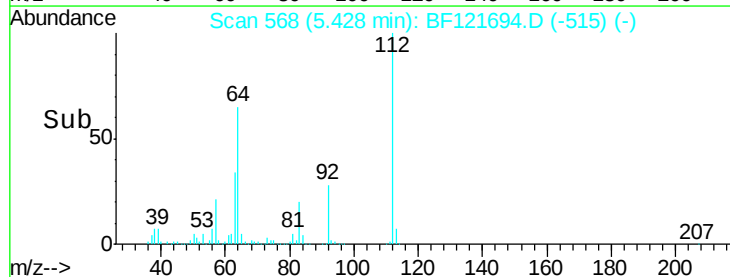
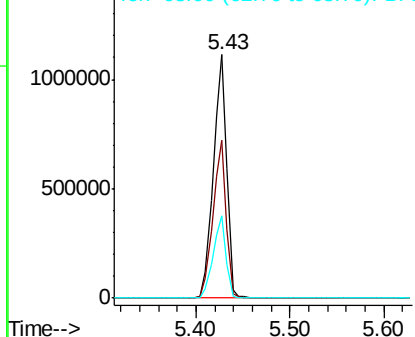
#5

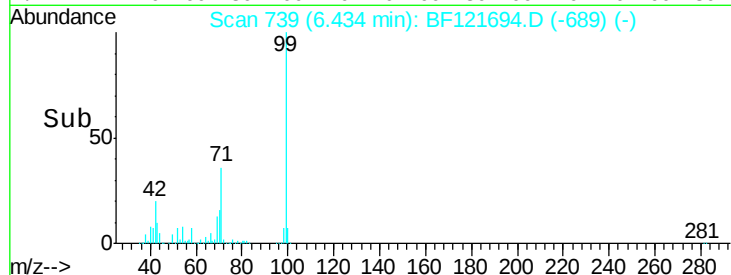
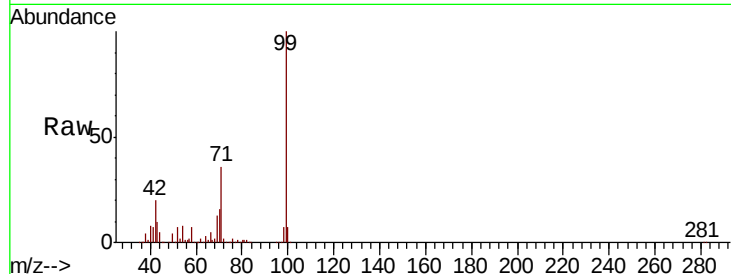
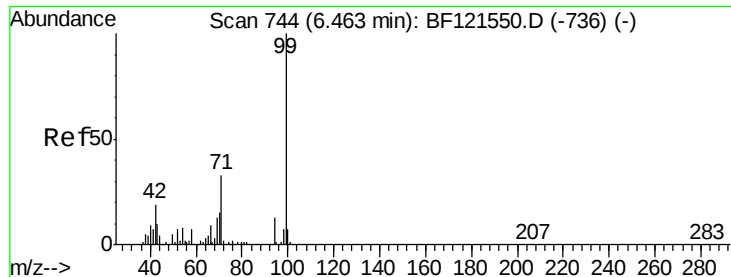
2-Fluorophenol
Concen: 104.805 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121694.D
Acq: 25 Sep 2020 14:07

Tgt Ion:112 Resp: 1131552
Ion Ratio Lower Upper
112 100
64 64.7 49.5 74.3
63 33.6 25.2 37.8



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: 104.241 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB131888BL

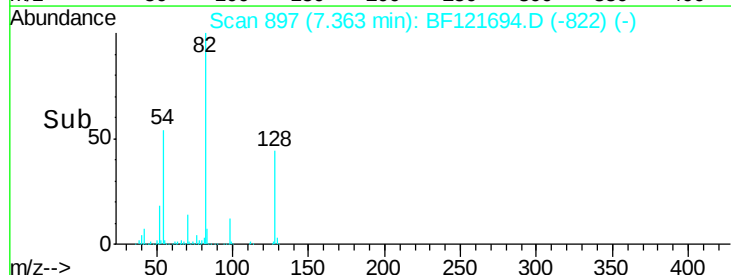
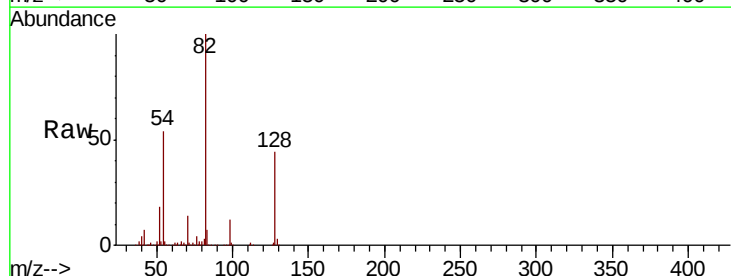
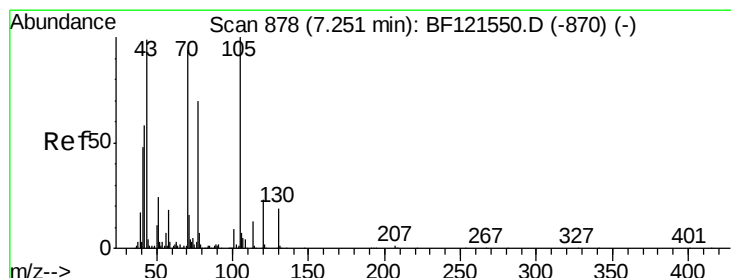
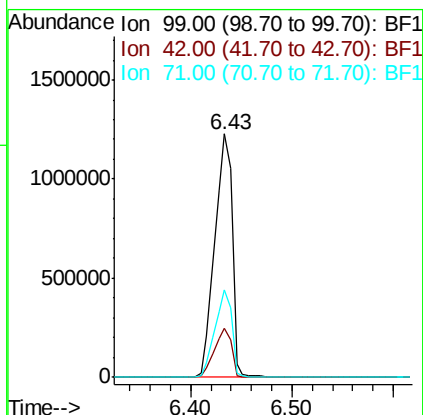
Tot Ion: 99 Resp: 1476537

Ion Ratio Lower Upper

99 100

42 20.4 16.1 24.1

71 35.8 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 16.969 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

Tgt Ion: 70 Resp: 138529

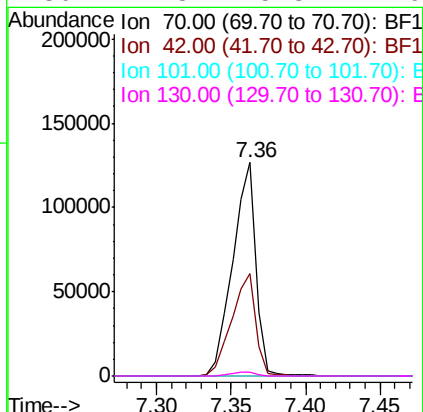
Ion Ratio Lower Upper

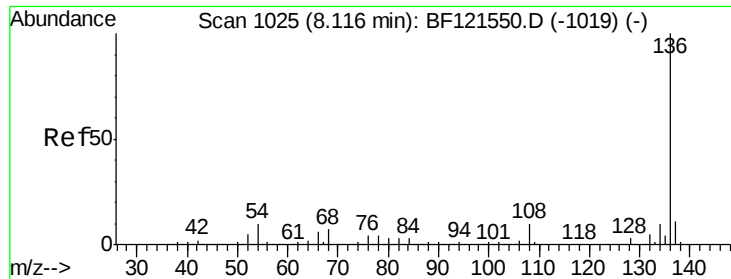
70 100

42 47.8 50.1 75.1#

101 0.0 7.4 11.0#

130 1.8 15.3 22.9#

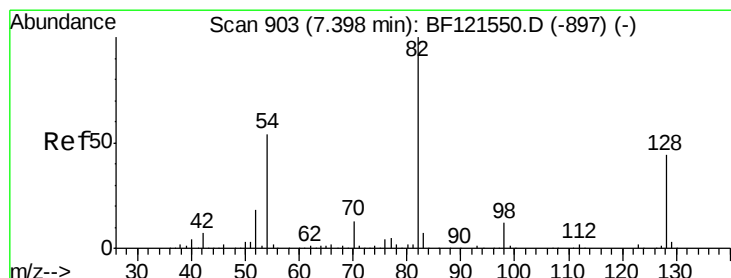
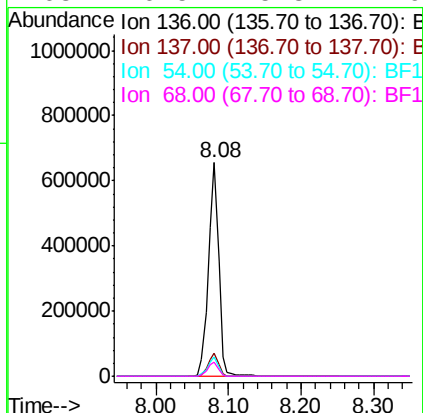
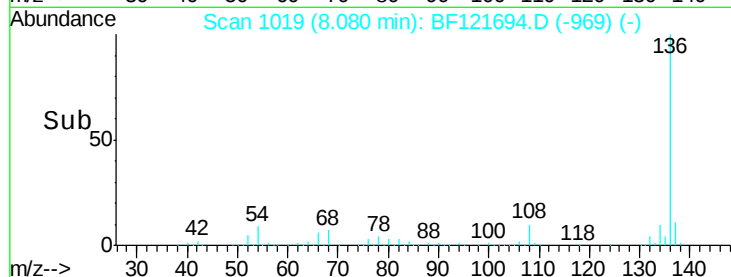
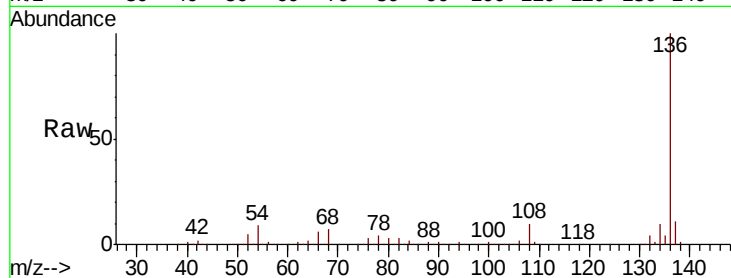




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121694.D
Acq: 25 Sep 2020 14:07

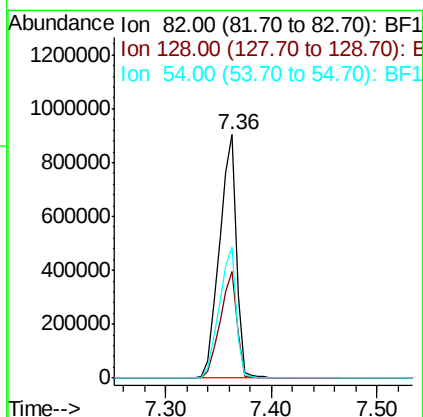
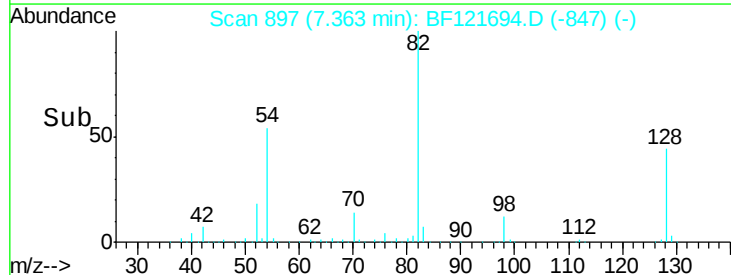
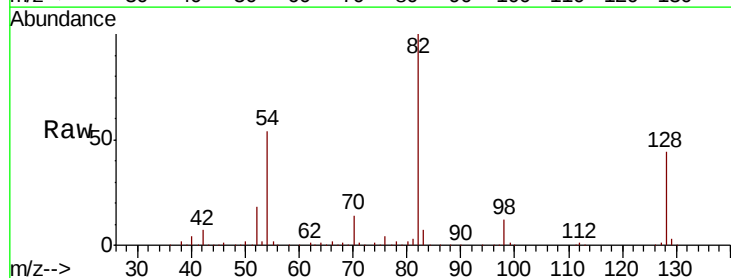
Instrument :
BNA_F
ClientSampleId :
PB131888BL

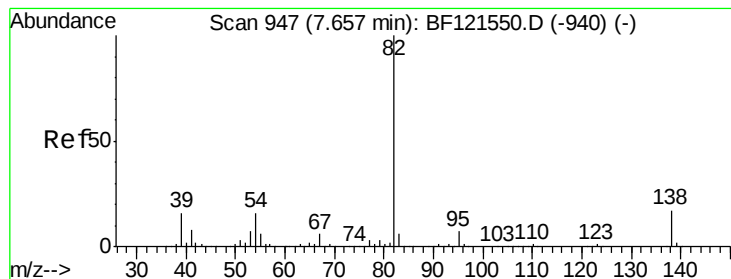
Tot Ion:136	Resp:	643751
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	8.9	7.6 11.4
68	6.5	5.3 7.9



#23
Nitrobenzene-d5
Concen: 85.557 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121694.D
Acq: 25 Sep 2020 14:07

Tgt Ion: 82	Resp:	1025811
Ion	Ratio	Lower Upper
82	100	
128	43.7	33.9 50.9
54	53.7	43.2 64.8





#25

Isophorone

Concen: 42.173 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB131888BL

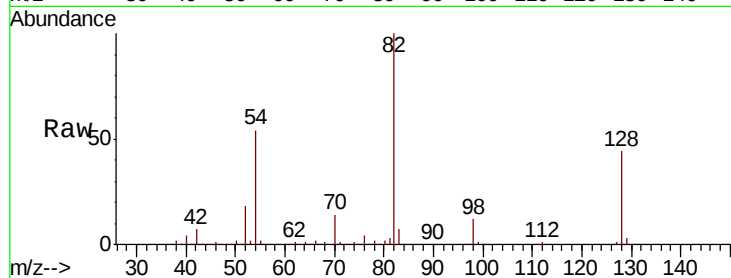
Tot Ion: 82 Resp: 1017860

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

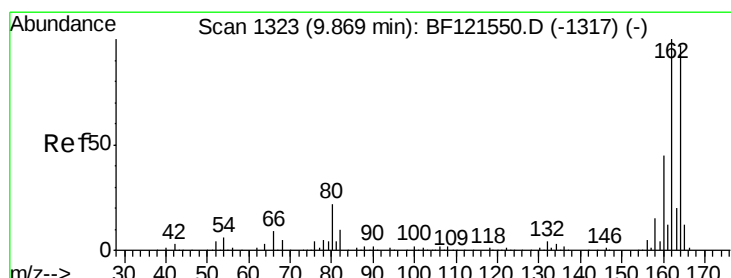
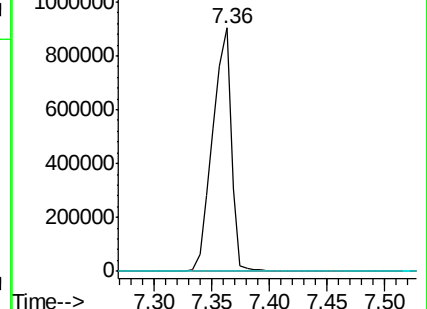
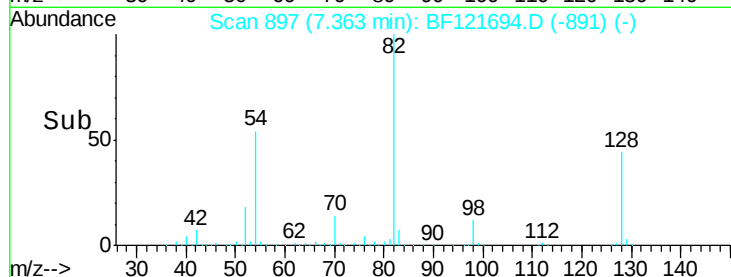
138 0.0 13.3 19.9#



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# 1317

Delta R.T. -0.01 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

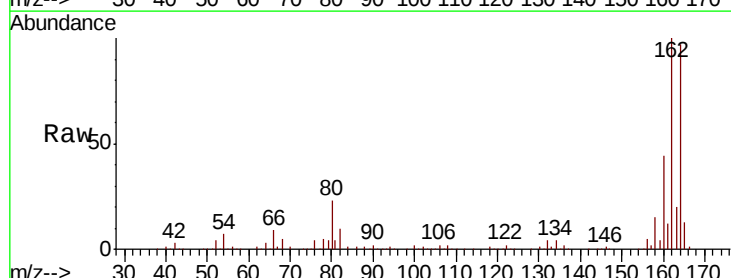
Tgt Ion:164 Resp: 351146

Ion Ratio Lower Upper

164 100

162 102.9 82.3 123.5

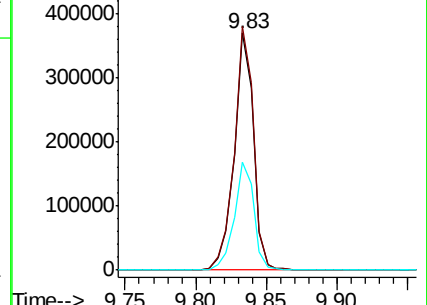
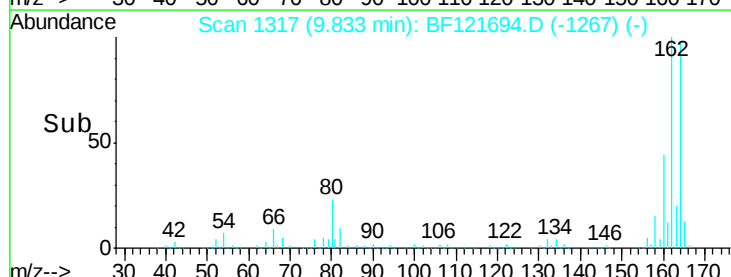
160 45.7 37.1 55.7

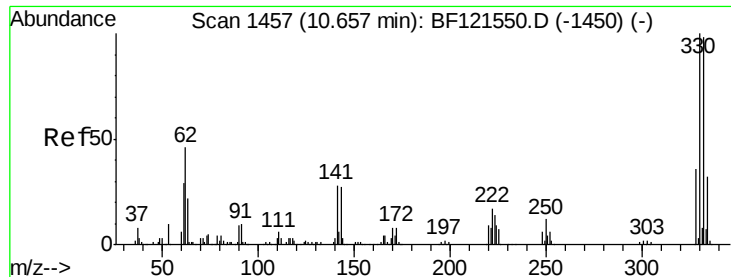


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 125.474 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB131888BL

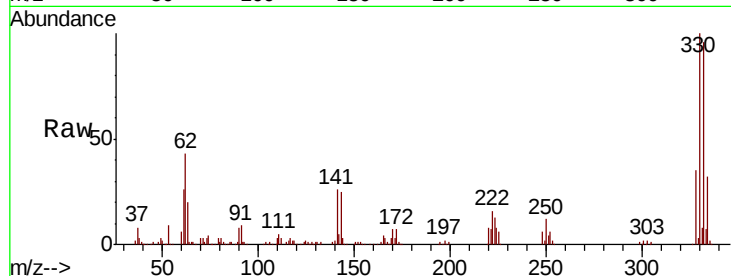
Tot Ion:330 Resp: 547601

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

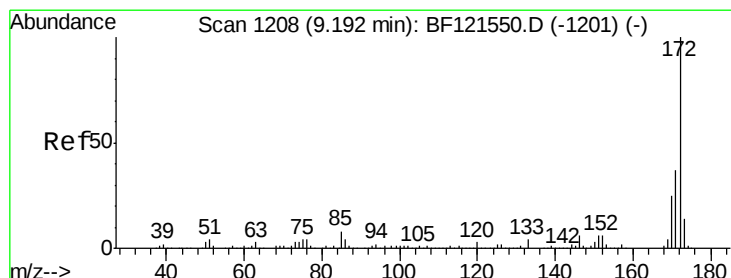
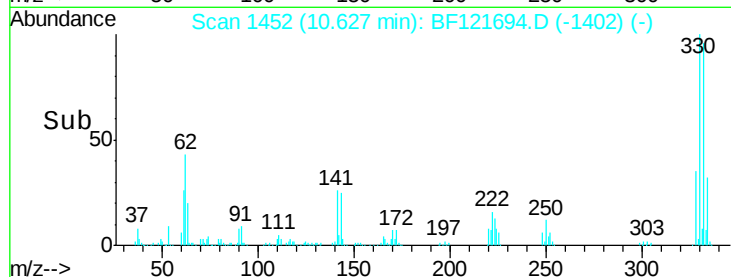
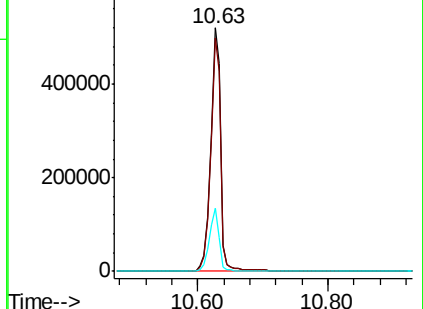
141 26.0 22.2 33.2



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: 79.477 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

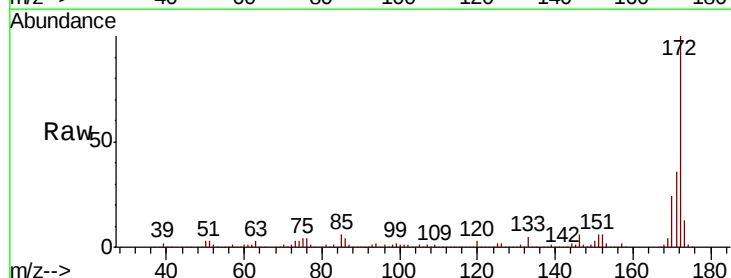
Tgt Ion:172 Resp: 1842689

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

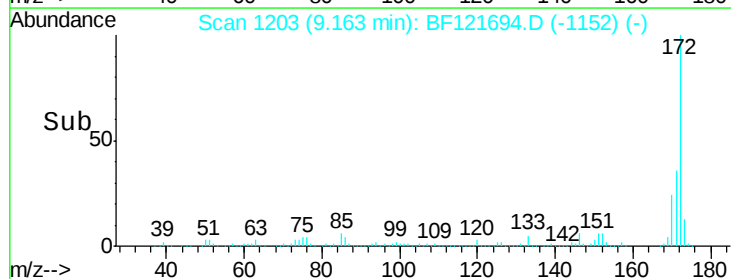
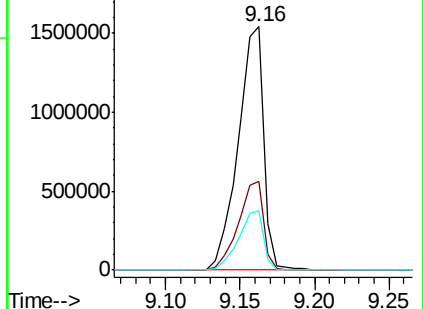
170 24.4 19.6 29.4

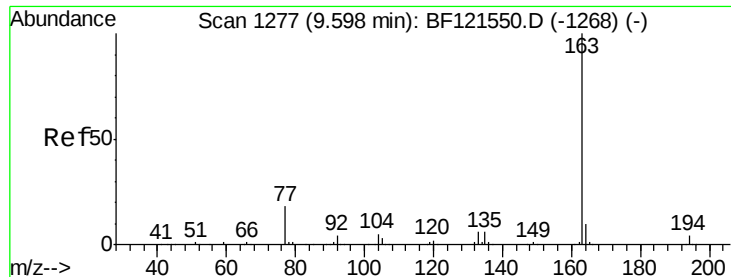


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.753 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.26 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB131888BL

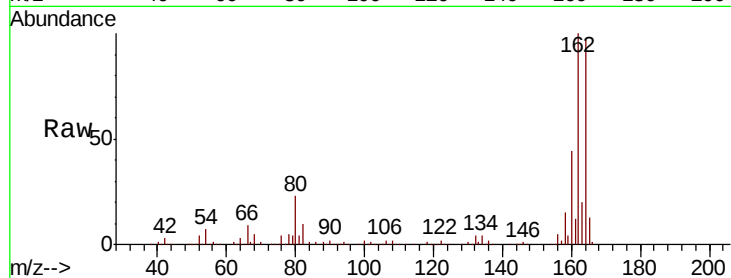
Tot Ion:163 Resp: 70067

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

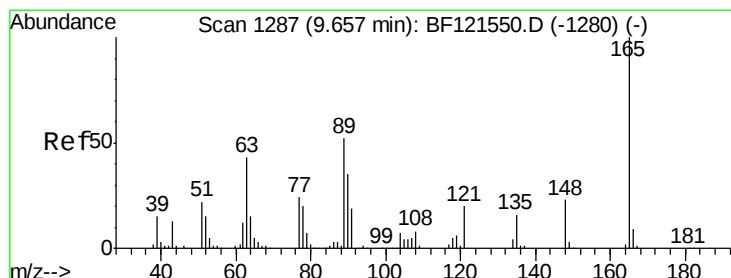
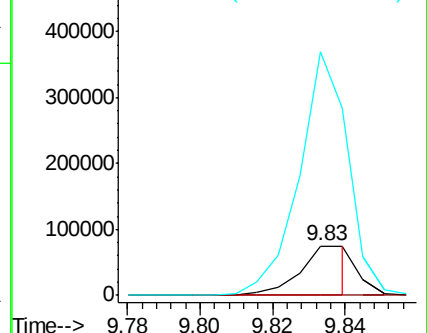
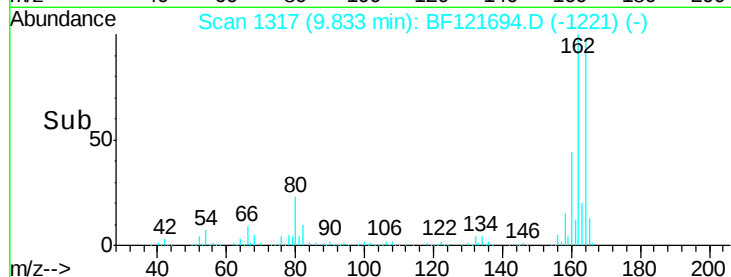
164 494.1 8.3 12.5#



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: 8.288 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.20 min

Lab File: BF121694.D

Acq: 25 Sep 2020 14:07

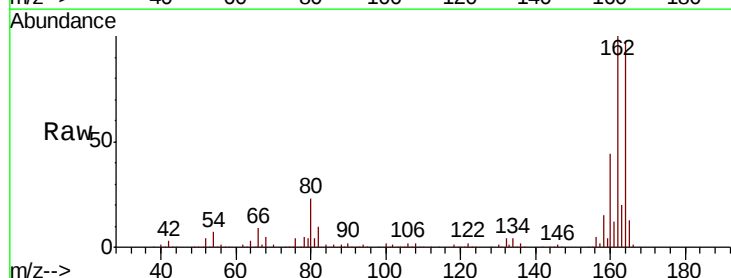
Tgt Ion:165 Resp: 44920

Ion Ratio Lower Upper

165 100

63 1.4 41.8 62.6#

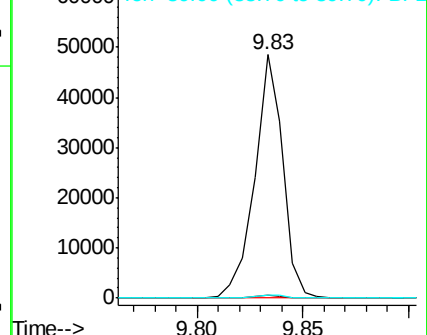
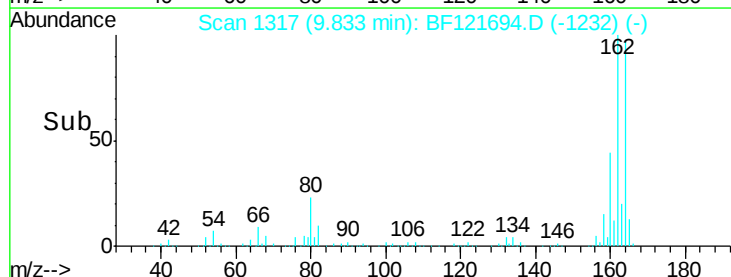
89 1.3 42.2 63.4#

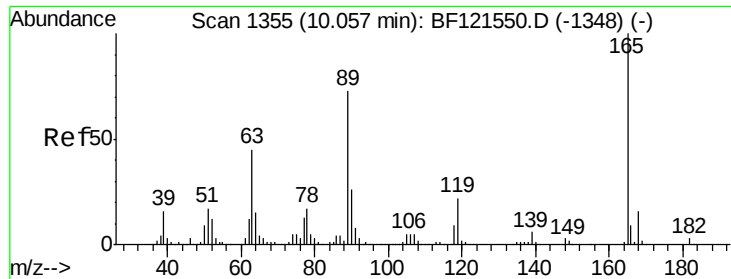


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

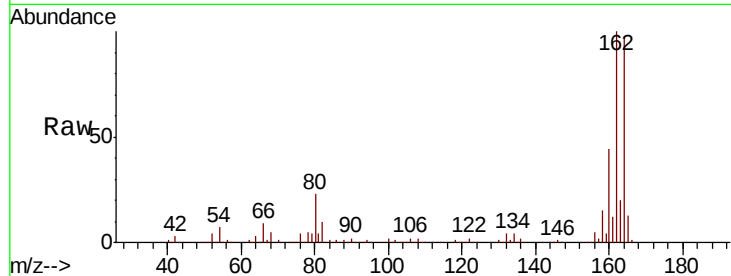




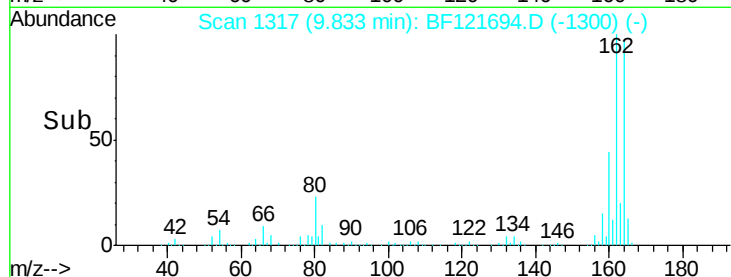
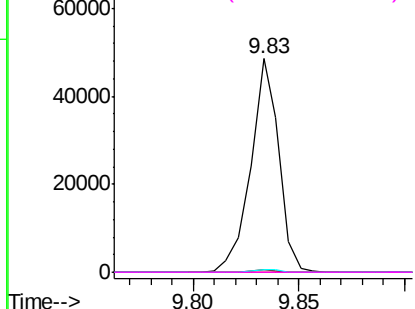
#57
 2,4-Dinitrotoluene
 Concen: 6.588 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.20 min
 Lab File: BF121694.D
 Acq: 25 Sep 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

Tot Ion:165	Resp:	44920
Ion Ratio	Lower	Upper
165	100	
63	1.4	41.0 61.4#
89	1.3	62.0 93.0#
182	0.0	2.3 3.5#

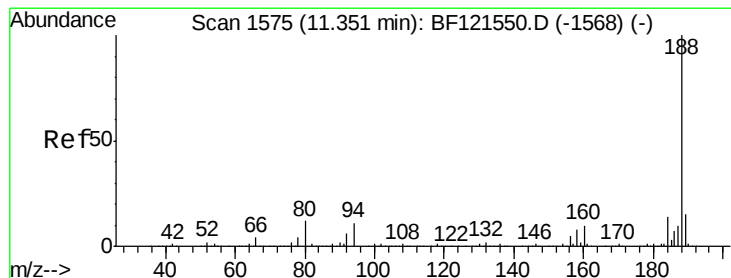


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

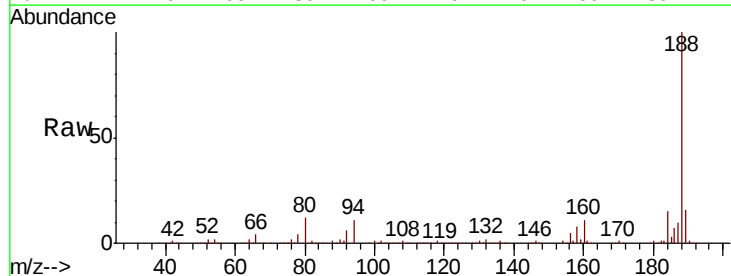
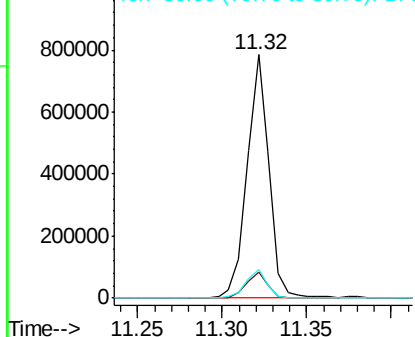


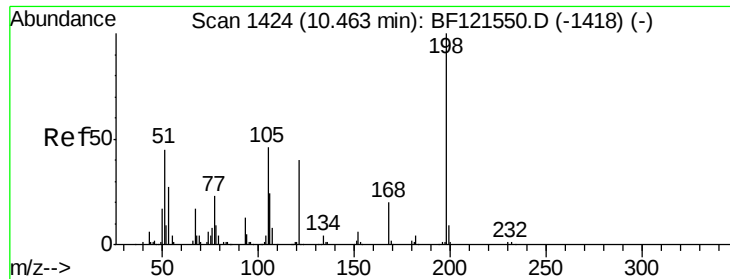
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF121694.D
 Acq: 25 Sep 2020 14:07

Tgt Ion:188	Resp:	711179
Ion Ratio	Lower	Upper
188	100	
94	10.7	7.9 11.9
80	11.6	8.6 13.0



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

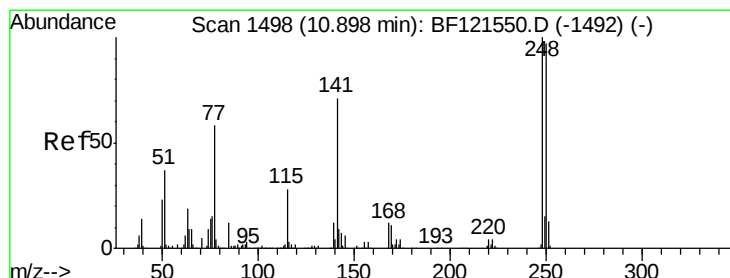
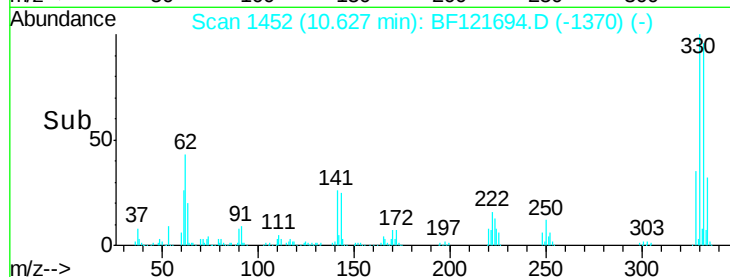
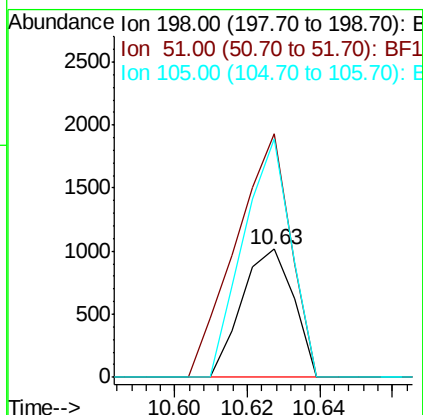
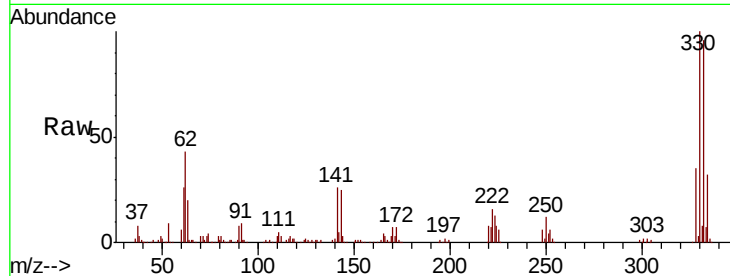




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.051 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.18 min
 Lab File: BF121694.D
 Acq: 25 Sep 2020 14:07

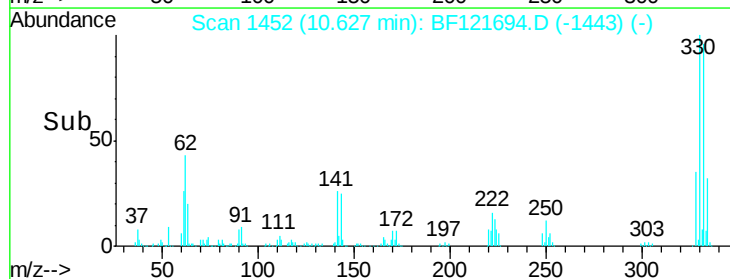
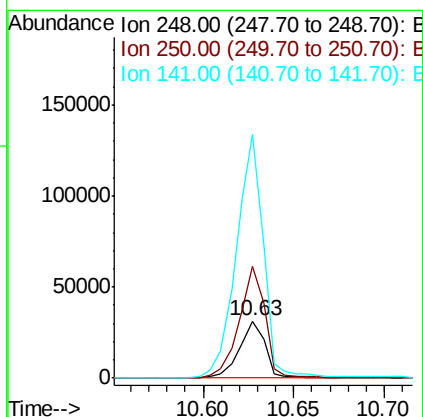
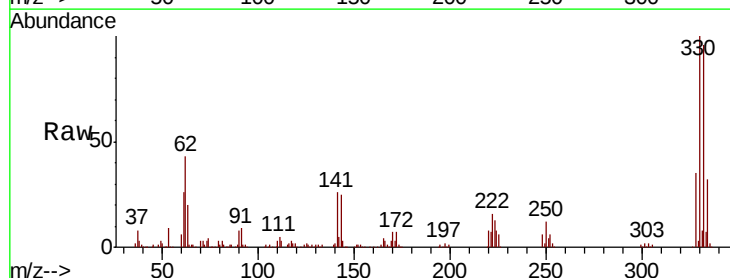
Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

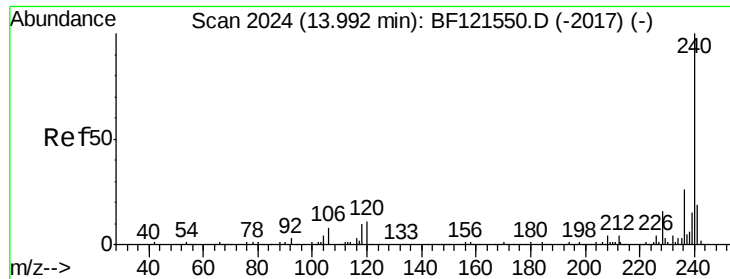
Tot Ion:198 Resp: 1015
 Ion Ratio Lower Upper
 198 100
 51 190.5 31.9 71.9#
 105 186.9 25.8 65.8#



#67
 4-Bromophenyl-phenylether
 Concen: 3.785 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF121694.D
 Acq: 25 Sep 2020 14:07

Tgt Ion:248 Resp: 30650
 Ion Ratio Lower Upper
 248 100
 250 194.4 79.5 119.3#
 141 425.8 49.4 74.2#

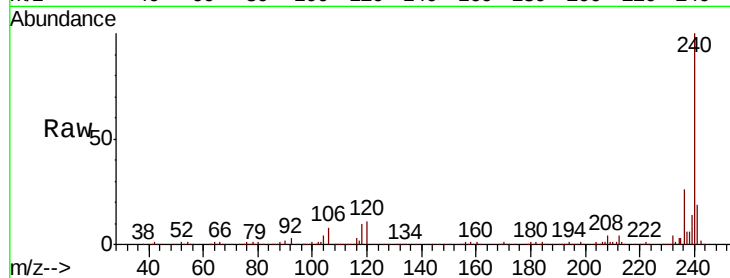




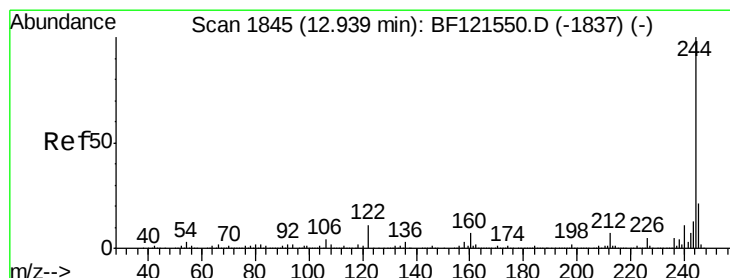
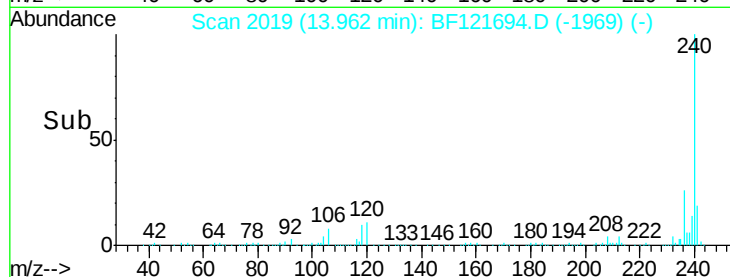
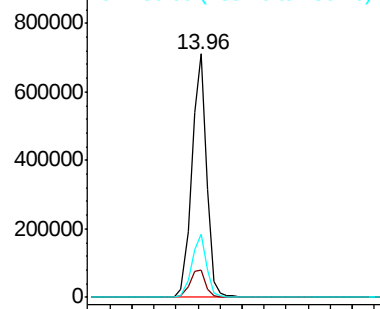
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF121694.D
Acq: 25 Sep 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB131888BL

Tot Ion:240 Resp: 657258
Ion Ratio Lower Upper
240 100
120 11.0 9.9 14.9
236 26.1 20.6 31.0

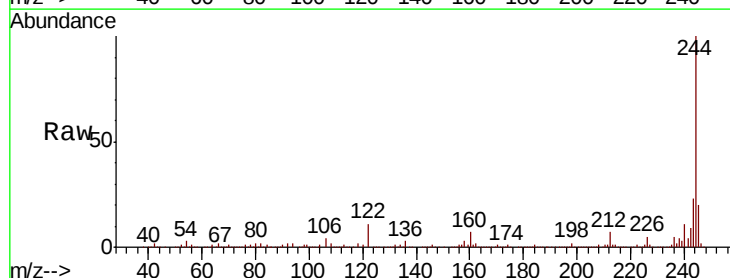


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

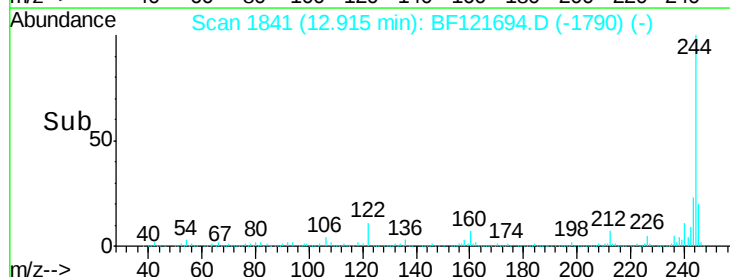
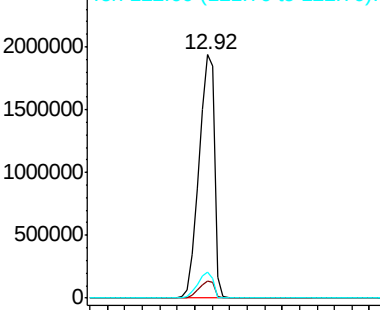


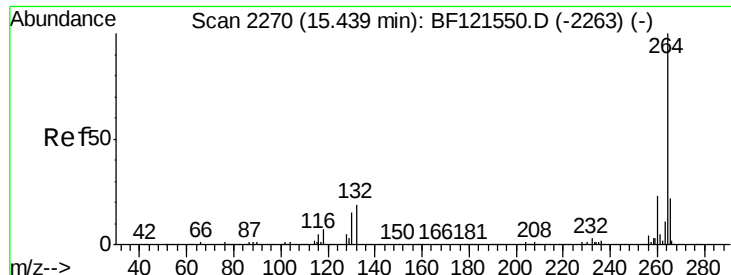
#79
Terphenyl-d14
Concen: 73.770 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF121694.D
Acq: 25 Sep 2020 14:07

Tgt Ion:244 Resp: 2393284
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 10.6 8.2 12.4



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: 15.42 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BF121694.D
 Acq: 25 Sep 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.3	17.6	26.4

