

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121742.D
 Acq On : 30 Sep 2020 17:00
 Operator : JU/CG
 Sample : PB131959BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131959BL

Quant Time: Sep 30 17:39:29 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 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	157197	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	630105	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	334664	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	656146	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	554565	20.00	ng	-0.01
86) Perylene-d12	15.37	264	450318	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1155922	109.28	ng	0.00
7) Phenol-d6	6.42	99	1509662	108.79	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1066839	90.91	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	540093	129.85	ng	-0.01
45) 2-Fluorobiphenyl	9.14	172	1831504	82.89	ng	-0.01
79) Terphenyl-d14	12.89	244	2194400	80.16	ng	0.00

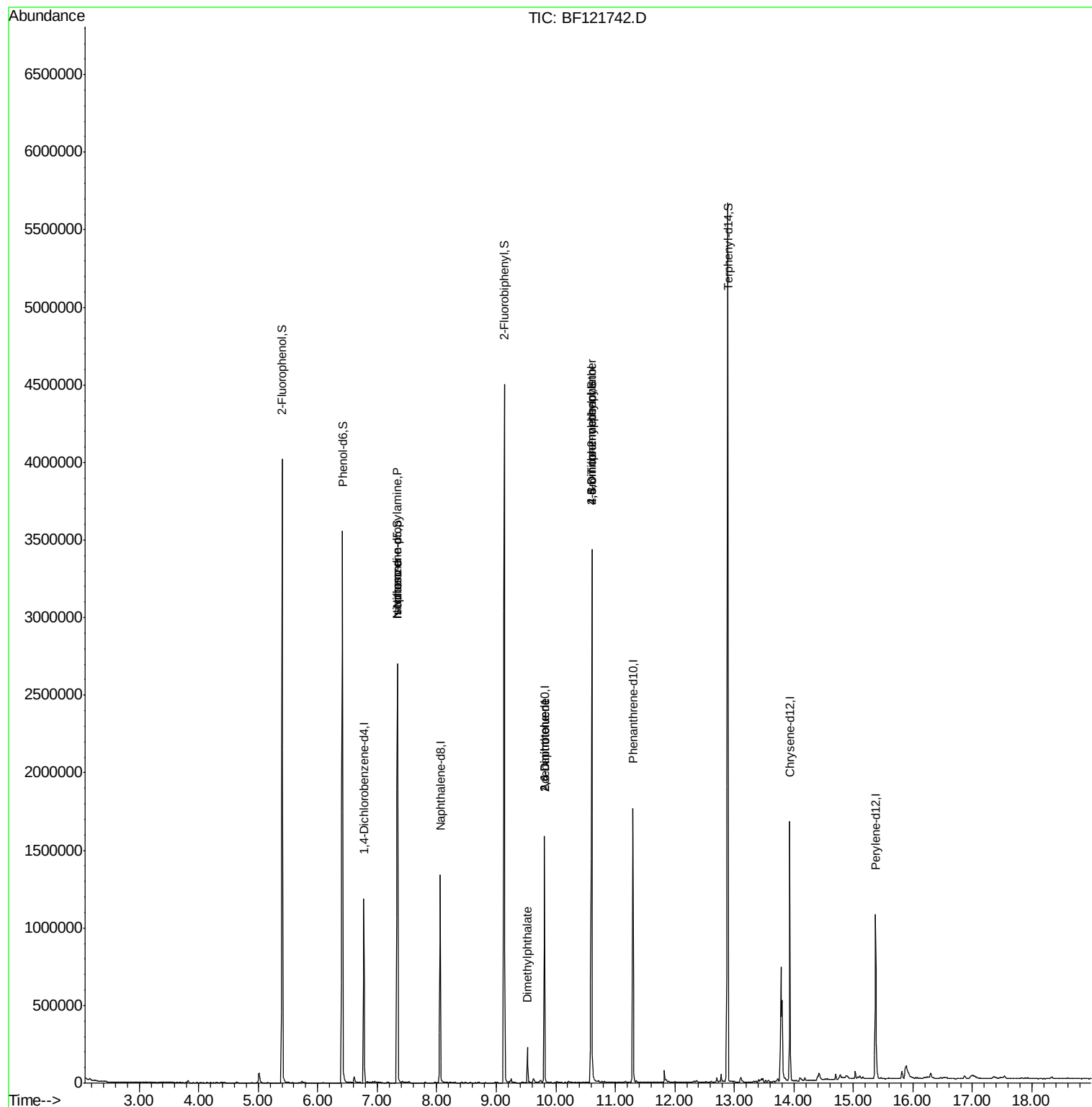
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	142878	17.865	ng	# 79
25) Isophorone	7.34	82	1053983	44.615	ng	# 66
50) Dimethylphthalate	9.53	163	89335	3.683	ng	# 98
51) 2,6-Dinitrotoluene	9.81	165	42498	8.227	ng	# 26
57) 2,4-Dinitrotoluene	9.81	165	42498	6.539	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.60	198	1046	7.075	ng	# 1
67) 4-Bromophenyl-phenylether	10.60	248	29995	4.015	ng	# 1

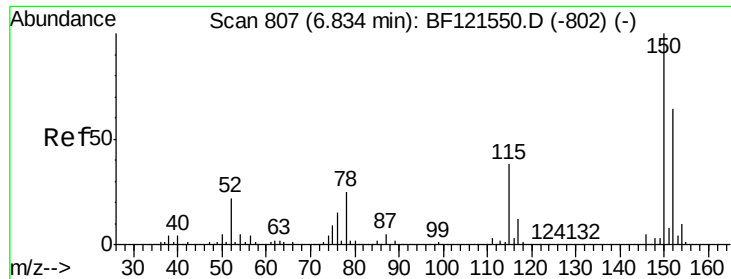
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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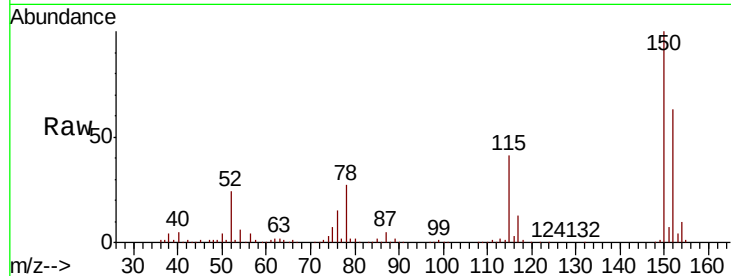


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121742.D
Acq: 30 Sep 2020 17:00

Instrument :
BNA_F
ClientSampleId :
PB131959BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.8	188.8
115	64.4	49.6	74.4

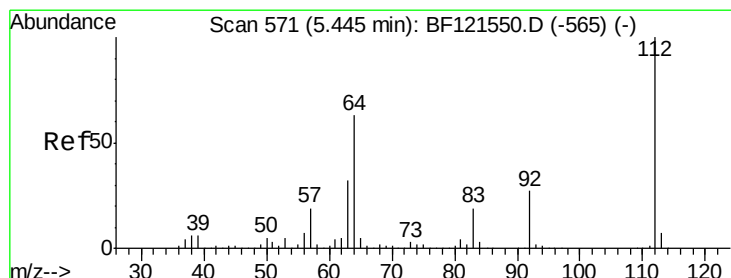
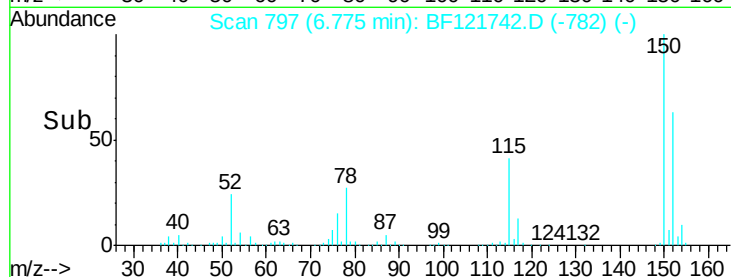
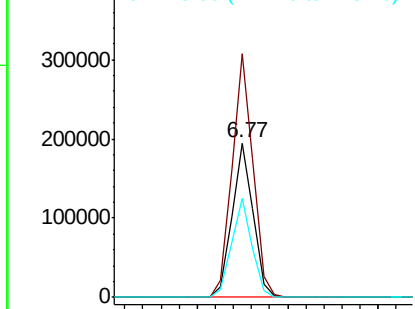


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

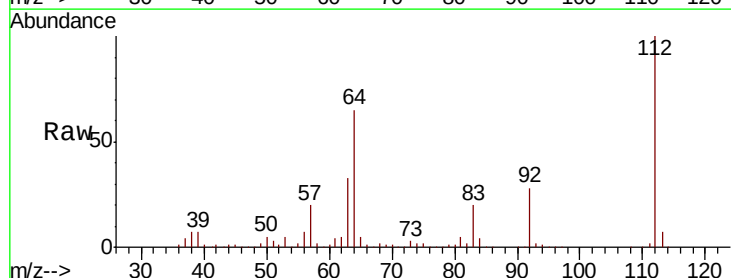
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.280 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF121742.D
Acq: 30 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	51.2	76.8
63	33.0	25.9	38.9

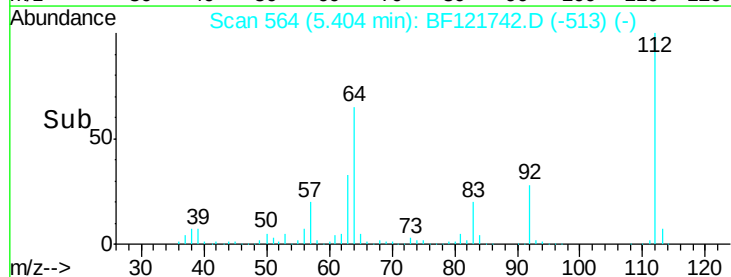
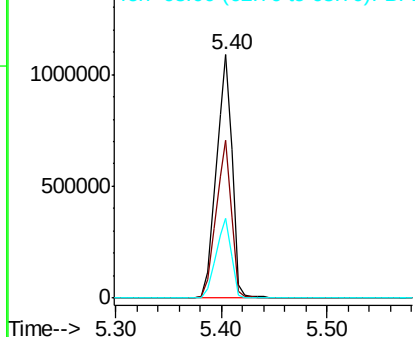


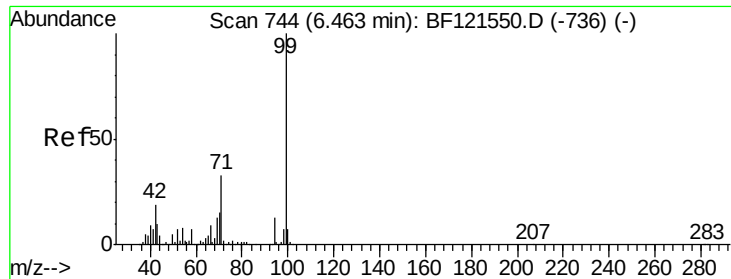
Abundance

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: 108.787 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF121742.D

Acq: 30 Sep 2020 17:00

Instrument :

BNA_F

ClientSampleId :

PB131959BL

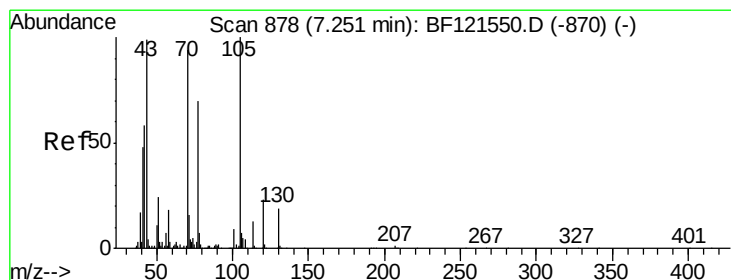
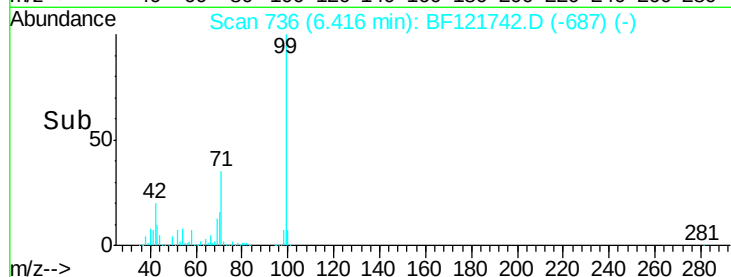
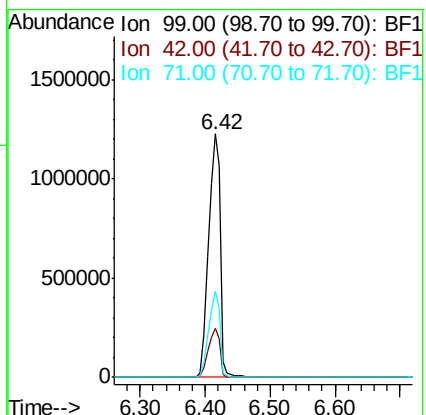
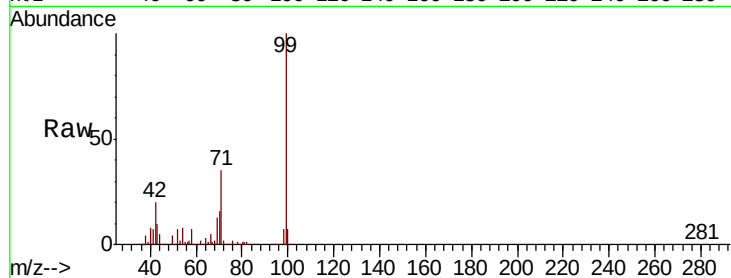
Tot Ion: 99 Resp: 1509662

Ion Ratio Lower Upper

99 100

42 20.3 16.5 24.7

71 35.2 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.865 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.13 min

Lab File: BF121742.D

Acq: 30 Sep 2020 17:00

Tgt Ion: 70 Resp: 142878

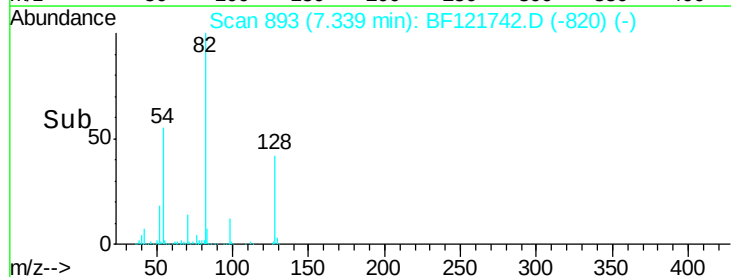
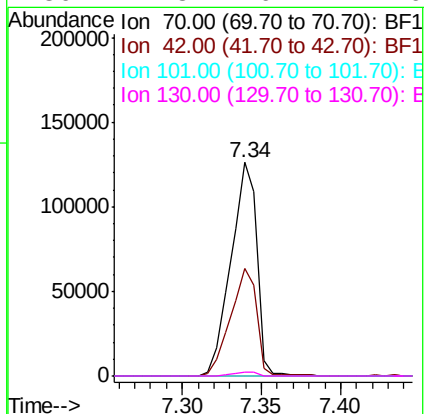
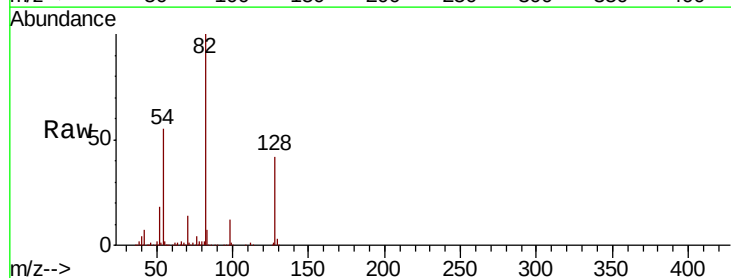
Ion Ratio Lower Upper

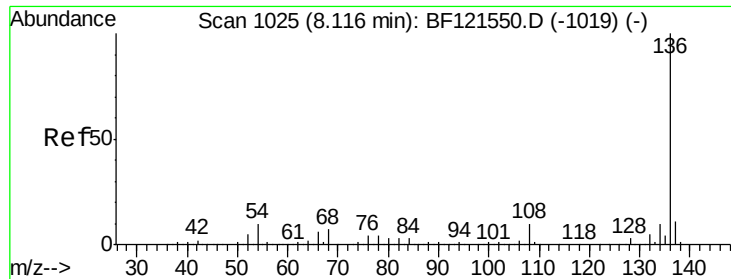
70 100

42 50.6 48.6 73.0

101 0.0 7.5 11.3#

130 1.8 16.4 24.6#

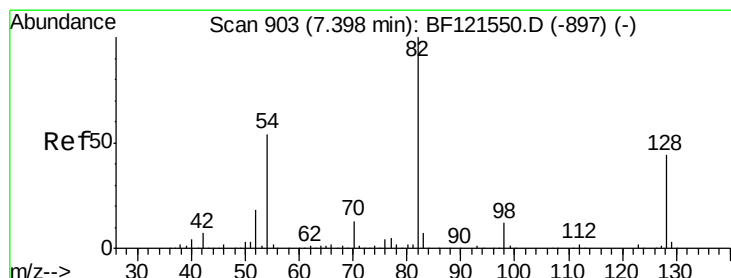
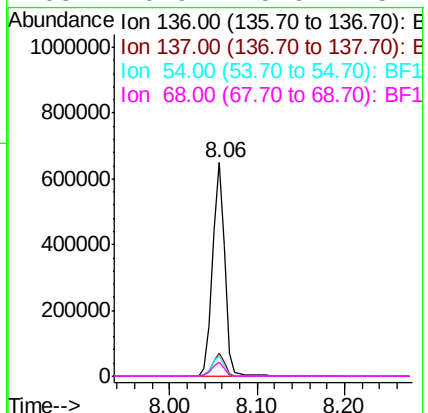
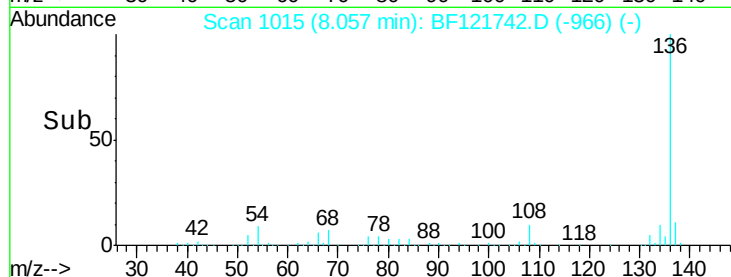
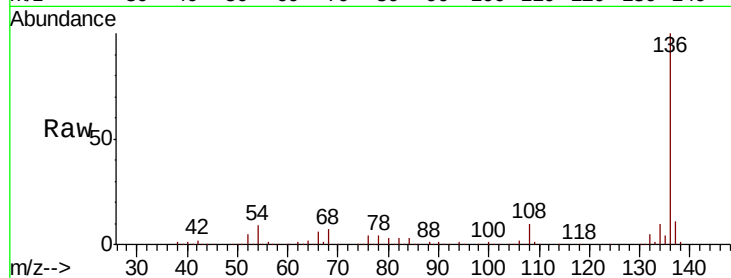




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF121742.D
Acq: 30 Sep 2020 17:00

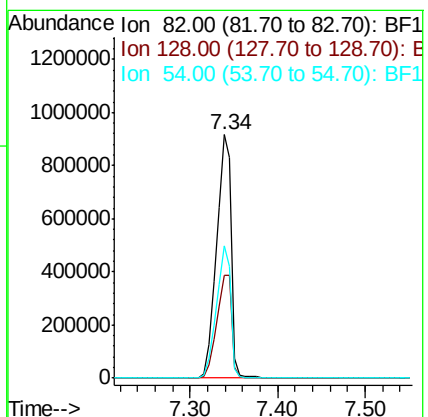
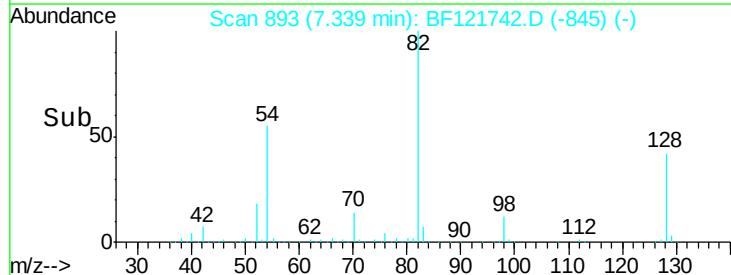
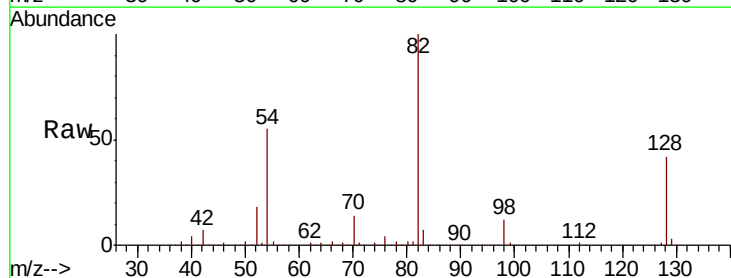
Instrument :
BNA_F
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PB131959BL

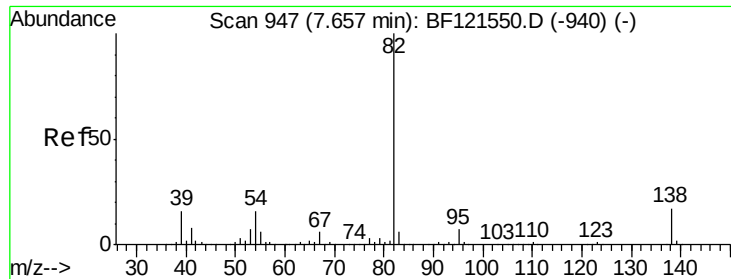
Tot Ion:136	Resp:	630105
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.1 13.7
54	9.4	7.8 11.8
68	6.9	5.6 8.4



#23
Nitrobenzene-d5
Concen: 90.906 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF121742.D
Acq: 30 Sep 2020 17:00

Tgt Ion: 82	Resp:	1066839
Ion	Ratio	Lower Upper
82	100	
128	42.2	35.0 52.4
54	54.5	42.5 63.7





#25

Isophorone

Concen: 44.615 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.28 min

Lab File: BF121742.D

Acq: 30 Sep 2020 17:00

Instrument :

BNA_F

ClientSampleId :

PB131959BL

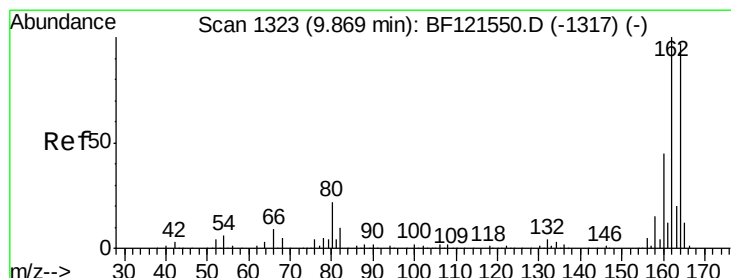
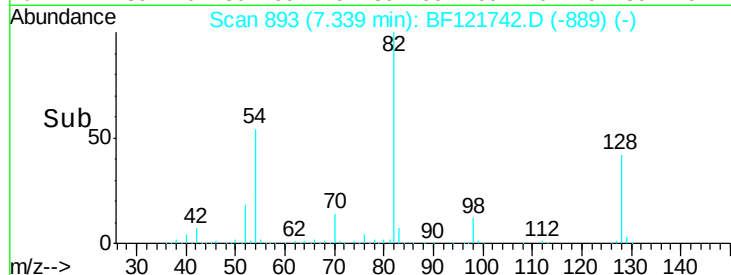
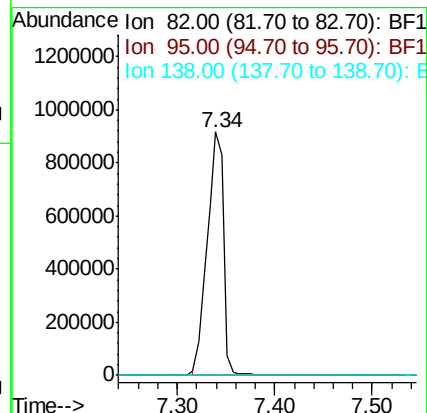
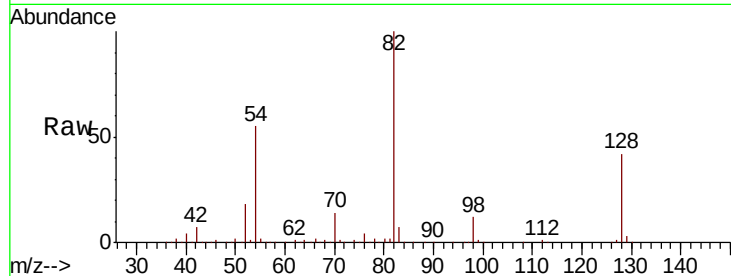
Tot Ion: 82 Resp: 1053983

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.9 20.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF121742.D

Acq: 30 Sep 2020 17:00

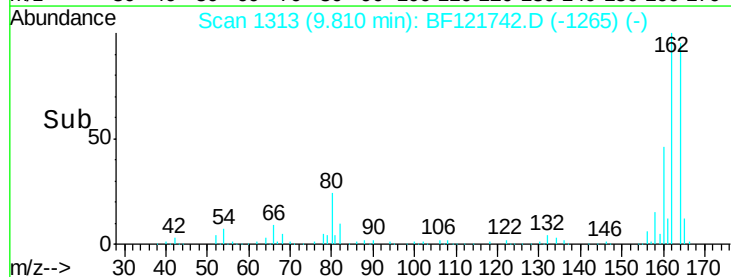
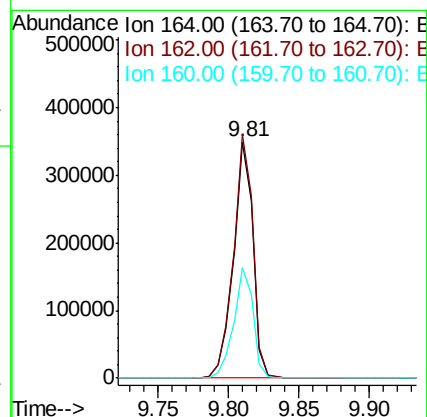
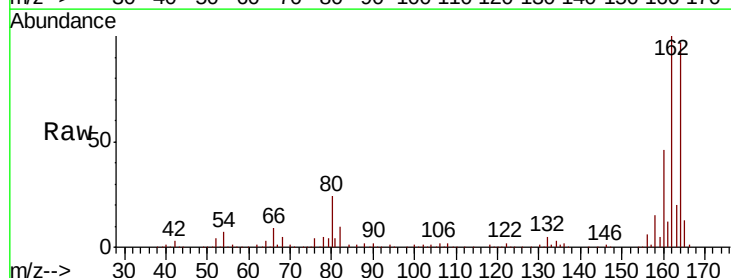
Tgt Ion: 164 Resp: 334664

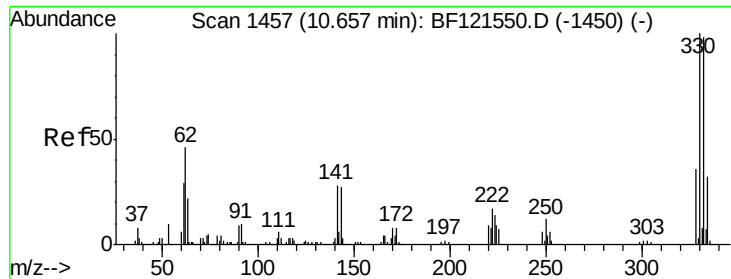
Ion Ratio Lower Upper

164 100

162 102.9 80.6 121.0

160 46.9 36.9 55.3

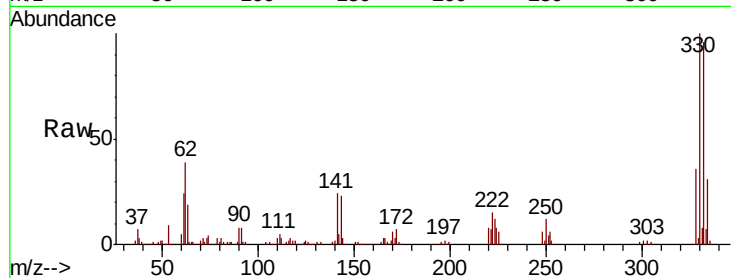




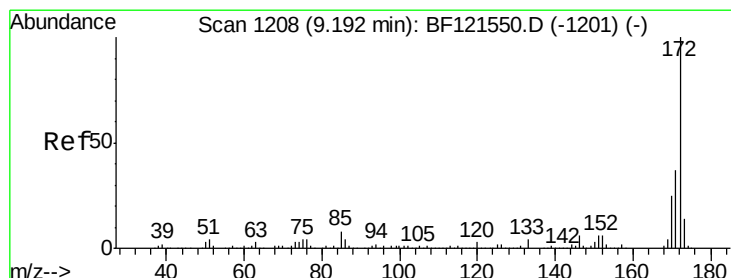
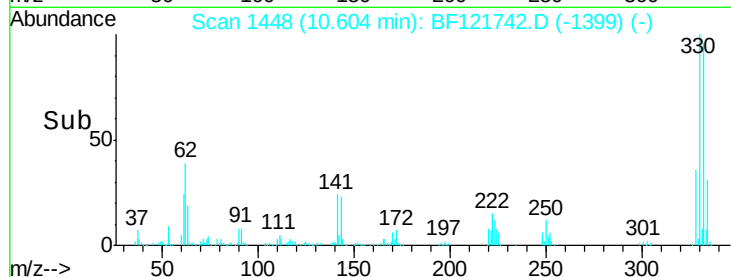
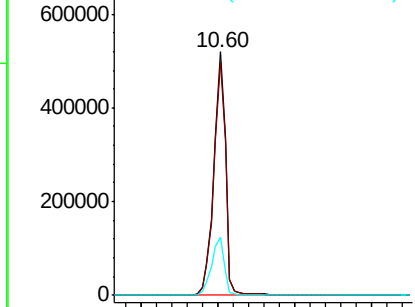
#42
 2,4,6-Tribromophenol
 Concen: 129.848 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF121742.D
 Acq: 30 Sep 2020 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131959BL

Tot Ion:330 Resp: 540093
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.6 116.4
 141 26.1 22.9 34.3

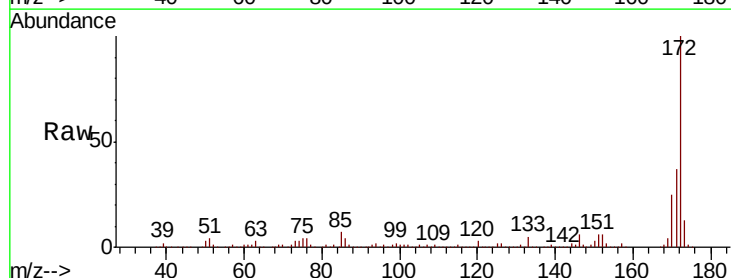


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

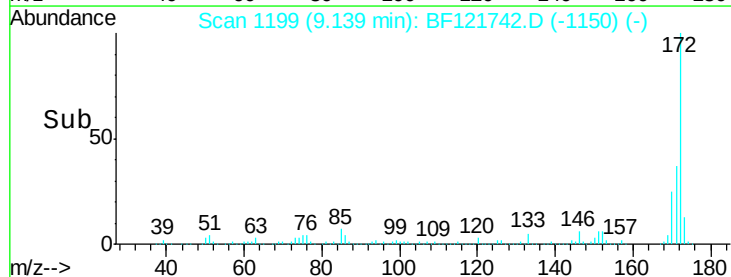
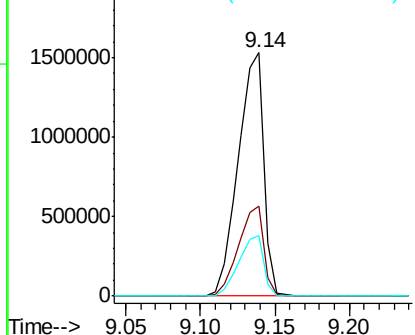


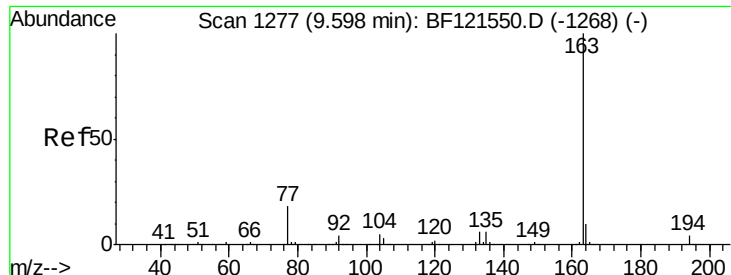
#45
 2-Fluorobiphenyl
 Concen: 82.885 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF121742.D
 Acq: 30 Sep 2020 17:00

Tgt Ion:172 Resp: 1831504
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.2 43.8
 170 24.7 19.7 29.5



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: 3.683 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF121742.D

Acq: 30 Sep 2020 17:00

Instrument :

BNA_F

ClientSampleId :

PB131959BL

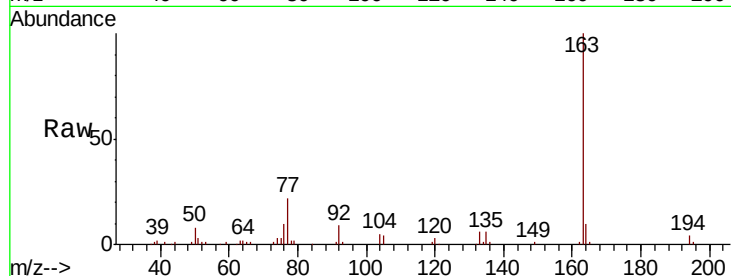
Tot Ion:163 Resp: 89335

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

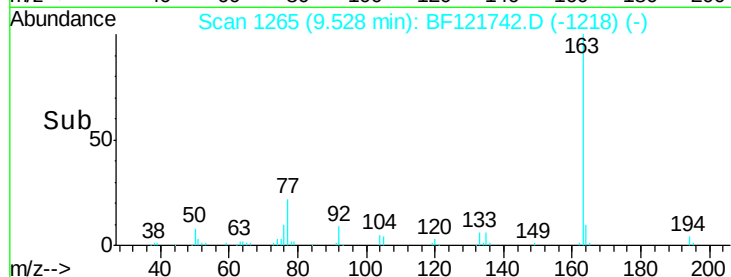
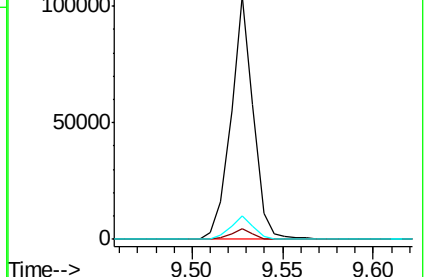
164 9.8 8.5 12.7



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: 8.227 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.19 min

Lab File: BF121742.D

Acq: 30 Sep 2020 17:00

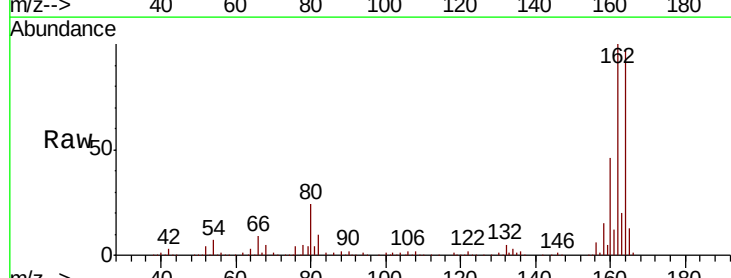
Tgt Ion:165 Resp: 42498

Ion Ratio Lower Upper

165 100

63 1.3 43.8 65.6#

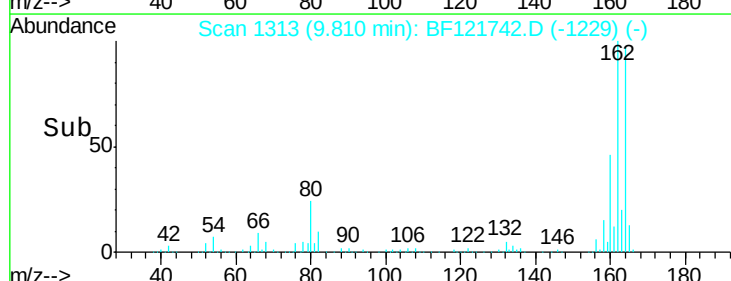
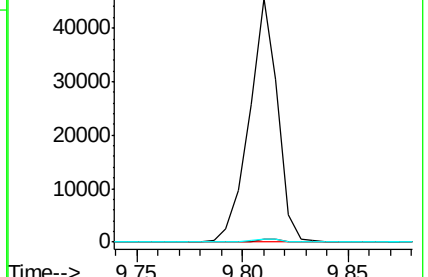
89 1.1 43.0 64.4#

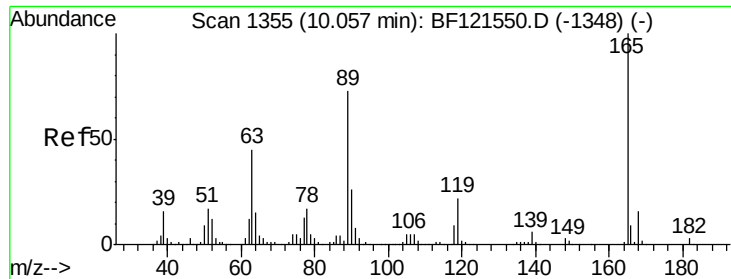


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

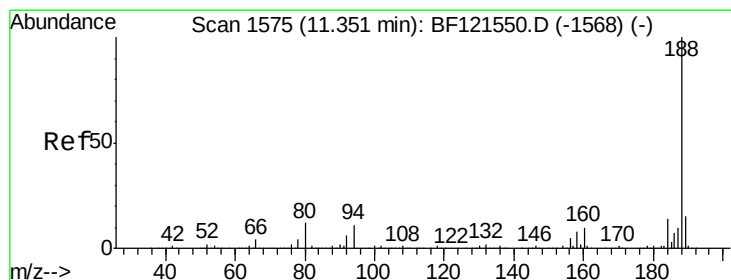
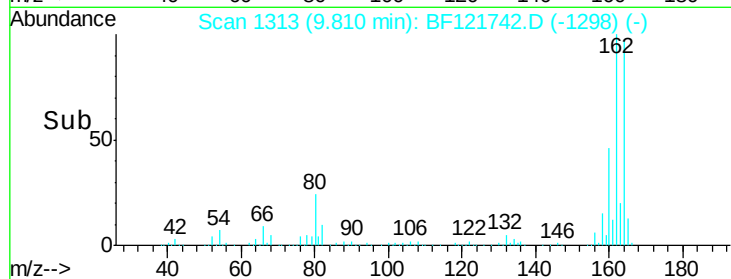
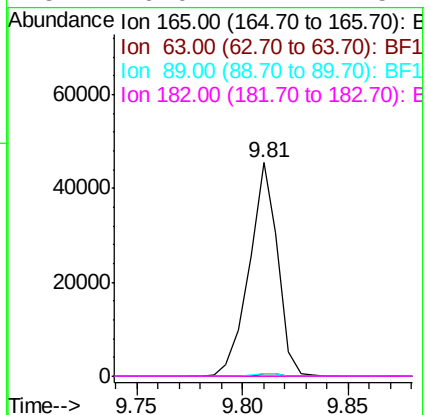
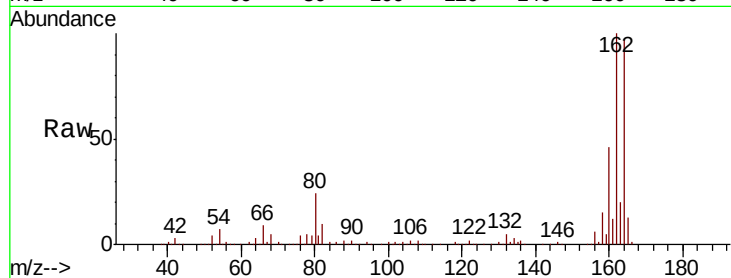




#57
 2,4-Dinitrotoluene
 Concen: 6.539 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.21 min
 Lab File: BF121742.D
 Acq: 30 Sep 2020 17:00

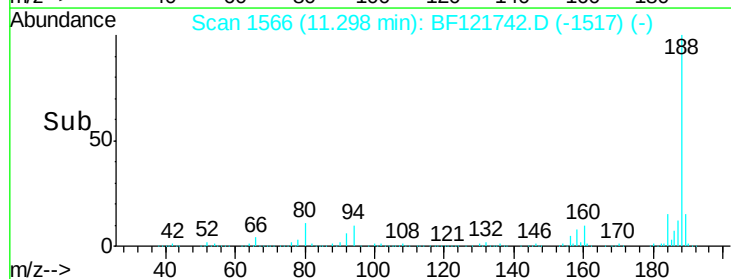
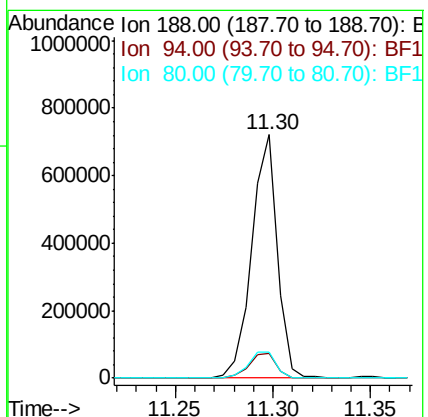
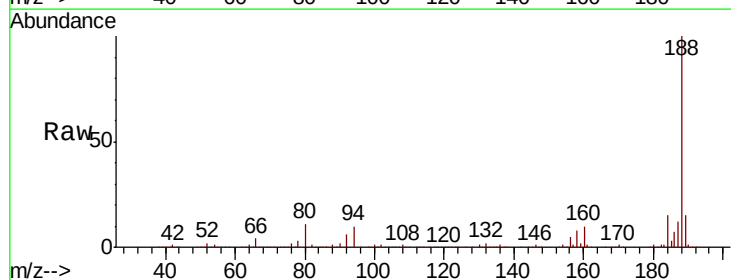
Instrument :
 BNA_F
 ClientSampleId :
 PB131959BL

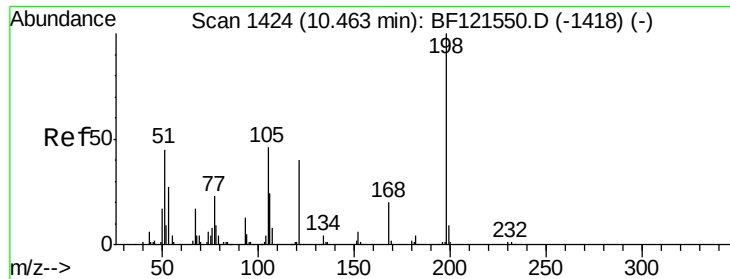
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.0	58.6#
89	1.1	57.5	86.3#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF121742.D
 Acq: 30 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	10.9	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 7.075 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.18 min

Lab File: BF121742.D

Acq: 30 Sep 2020 17:00

Instrument :

BNA_F

ClientSampleId :

PB131959BL

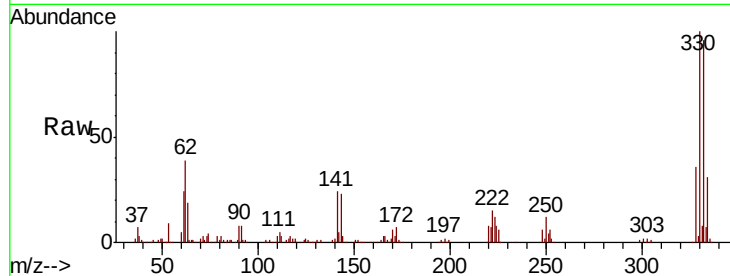
Tot Ion:198 Resp: 1046

Ion Ratio Lower Upper

198 100

51 175.7 34.7 74.7#

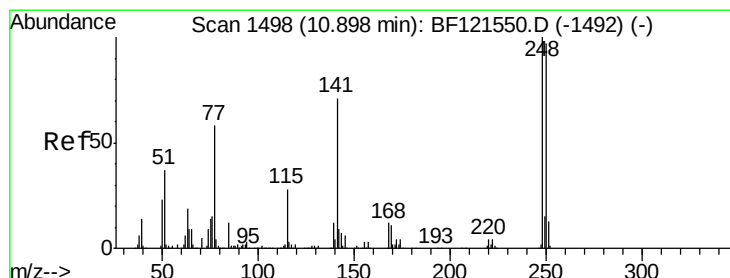
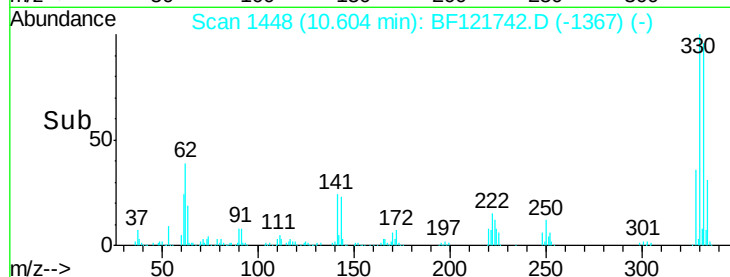
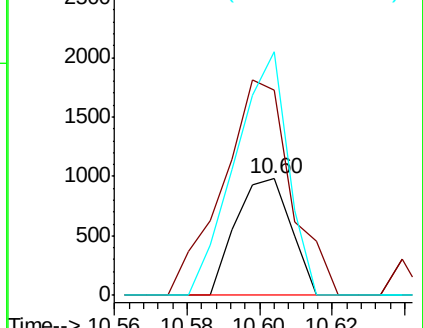
105 208.5 27.8 67.8#



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: 4.015 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.25 min

Lab File: BF121742.D

Acq: 30 Sep 2020 17:00

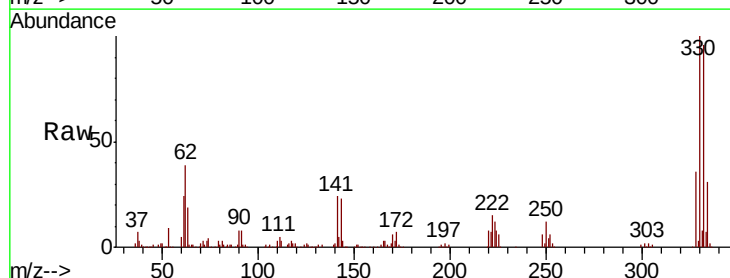
Tgt Ion:248 Resp: 29995

Ion Ratio Lower Upper

248 100

250 202.4 78.6 118.0#

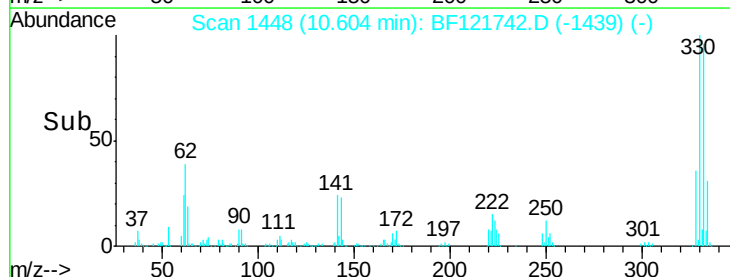
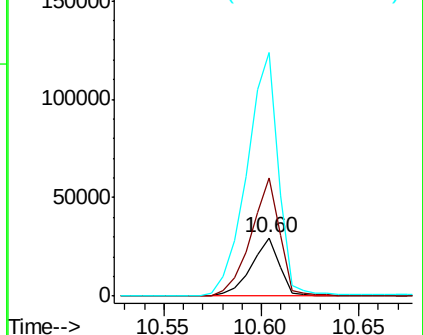
141 418.5 60.0 90.0#

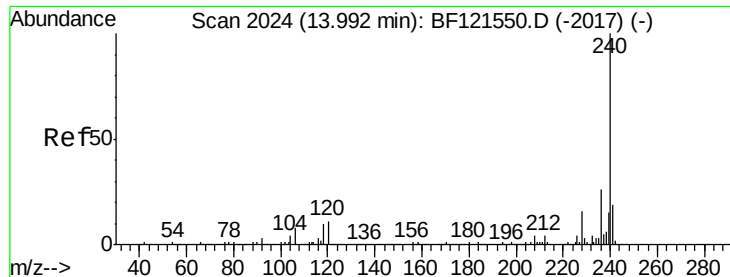


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

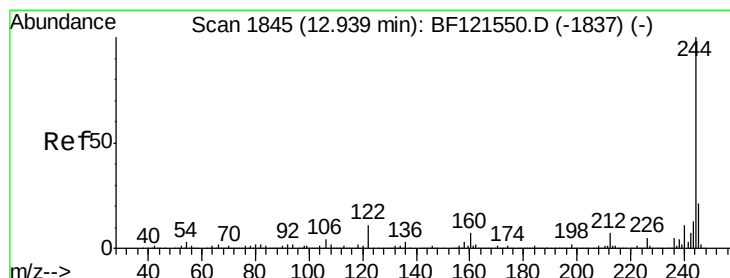
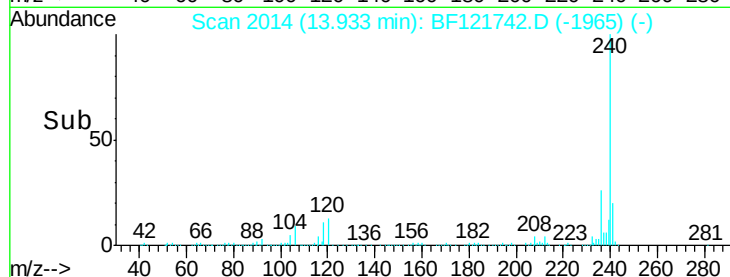
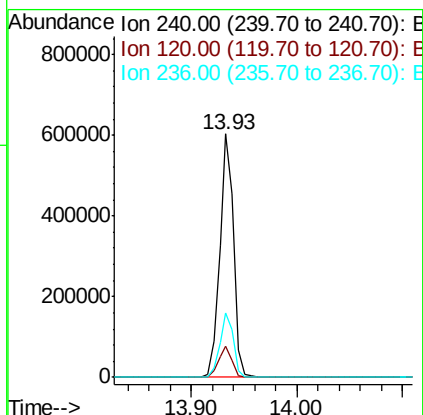
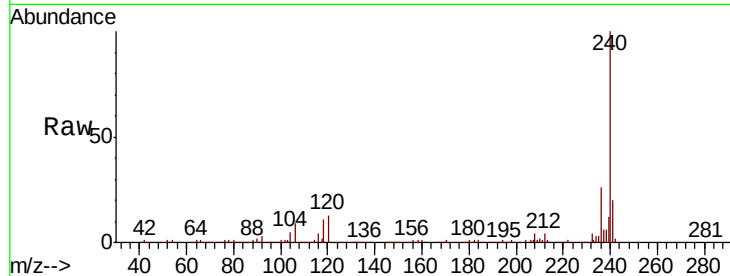




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF121742.D
Acq: 30 Sep 2020 17:00

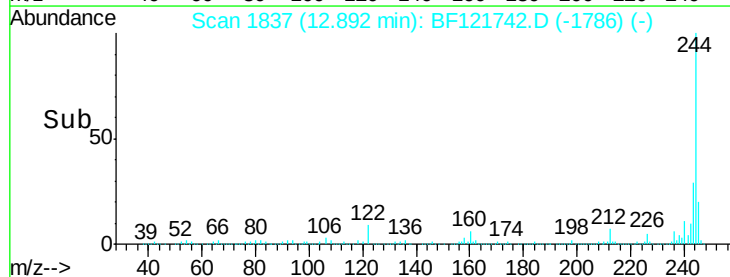
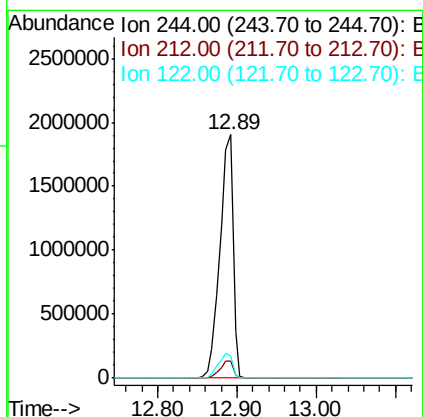
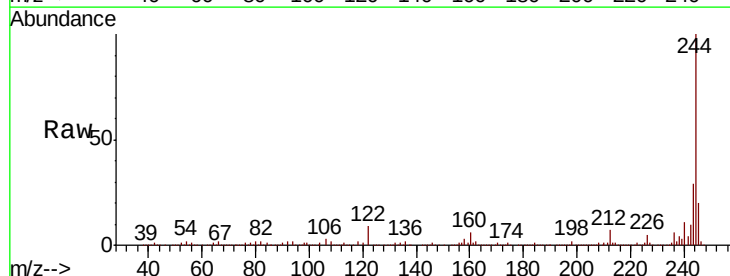
Instrument :
BNA_F
ClientSampleId :
PB131959BL

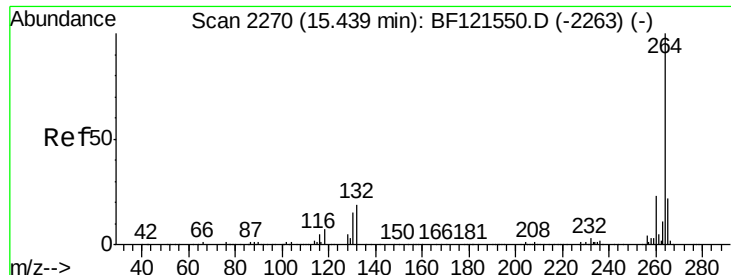
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.2	15.4
236	26.2	20.4	30.6



#79
Terphenyl-d14
Concen: 80.164 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BF121742.D
Acq: 30 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.2	9.0	13.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BF121742.D
 Acq: 30 Sep 2020 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131959BL

Tot Ion: 264 Resp: 450318
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.5 17.3 25.9

