

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118756.D
 Acq On : 30 Jan 2020 17:30
 Operator : CG/JU
 Sample : L1291-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:08:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

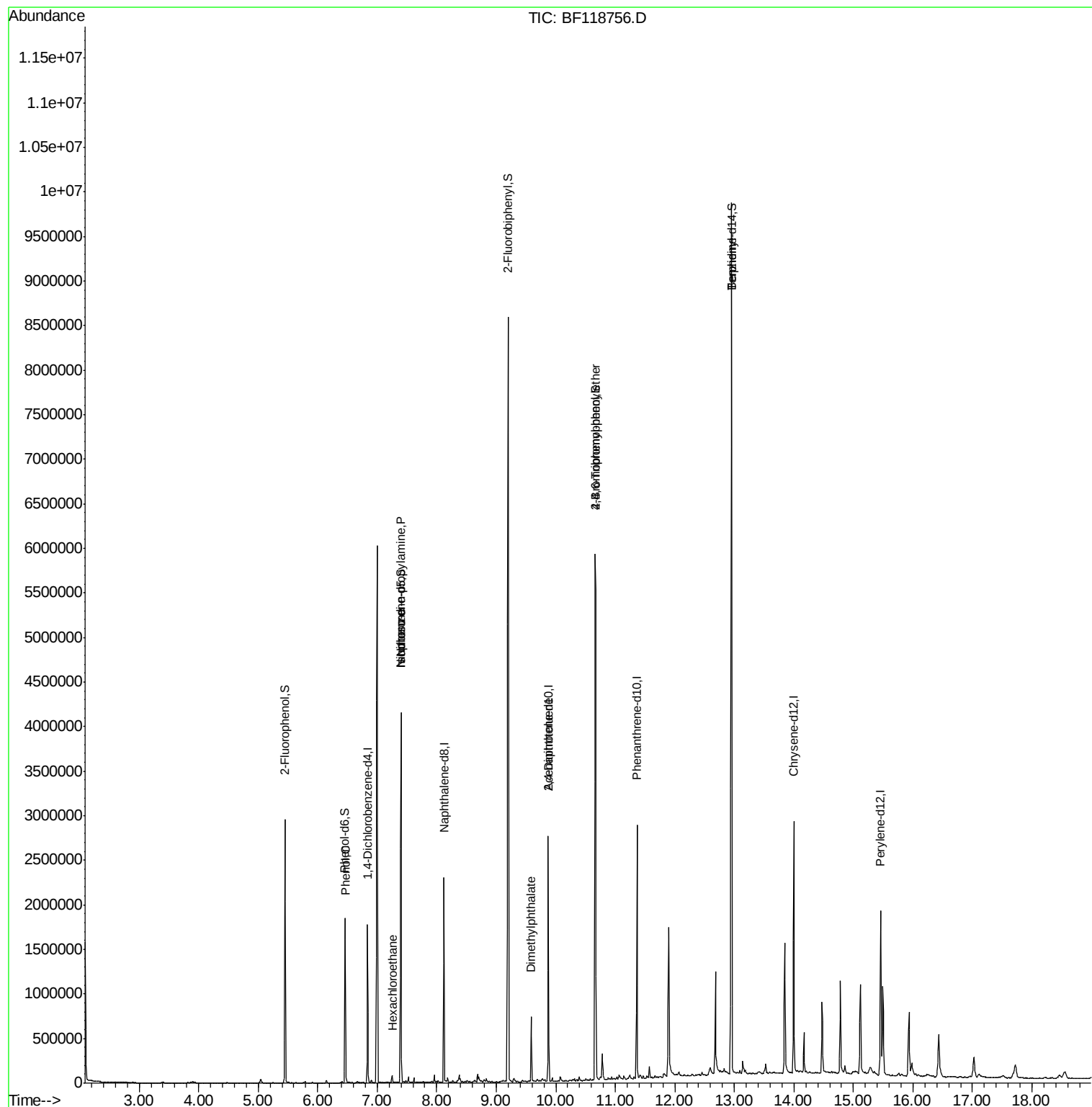
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	252848	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	959966	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	553999	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1064509	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	892176	20.00	ng	-0.02
87) Perylene-d12	15.46	264	882853	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	822178	60.39	ng	-0.03
7) Phenol-d6	6.46	99	626065	35.38	ng	-0.04
23) Nitrobenzene-d5	7.40	82	1433757	83.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	890332	138.95	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2862219	84.92	ng	-0.02
79) Terphenyl-d14	12.95	244	3858046	94.32	ng	-0.01
Target Compounds						
10) Phenol	6.47	94	89380	4.432	ng	98
18) Hexachloroethane	7.25	117	15450	2.373	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	194546	16.283	ng	# 77
25) Isophorone	7.40	82	1430823	45.708	ng	# 63
50) Dimethylphthalate	9.59	163	279044	7.731	ng	99
57) 2,4-Dinitrotoluene	9.87	165	71458	7.013	ng	# 30
67) 4-Bromophenyl-phenylether	10.67	248	58610	4.456	ng	# 1
77) Benzidine	12.95	184	52357	2.196	ng	# 93

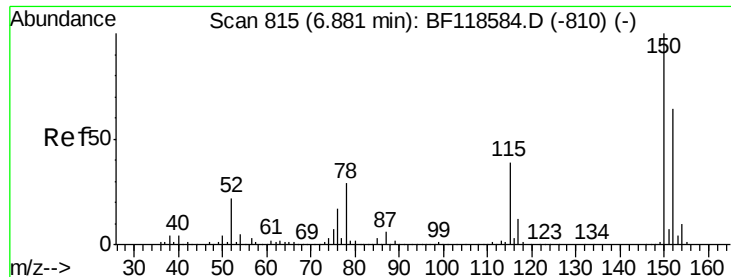
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
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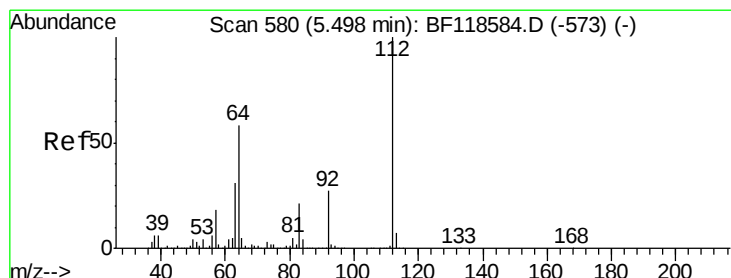
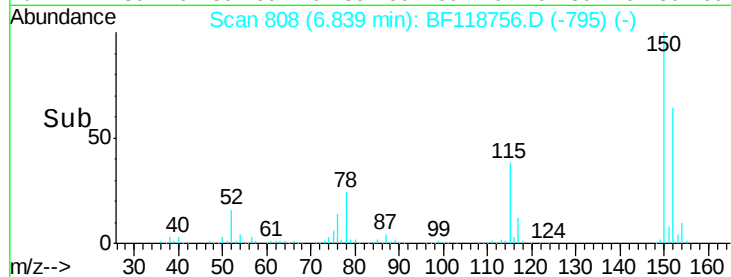
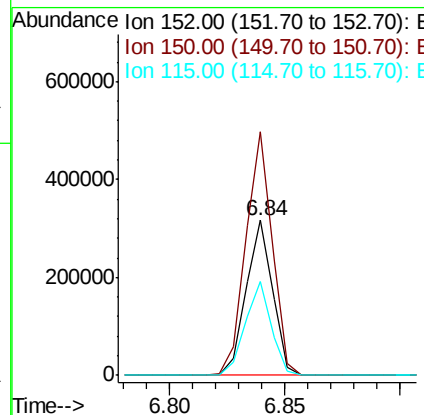
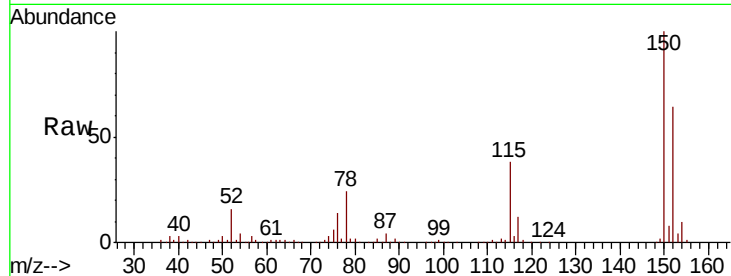


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :

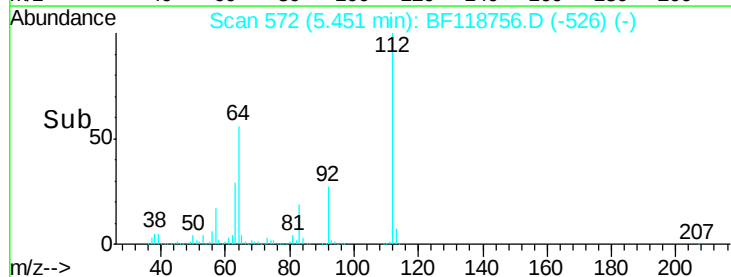
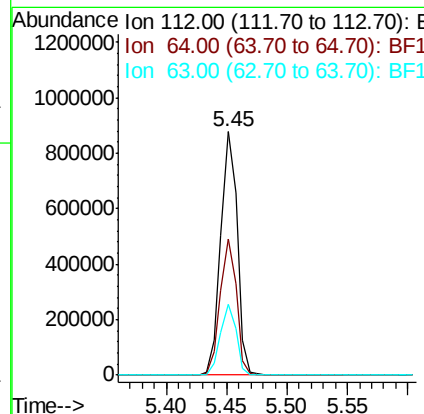
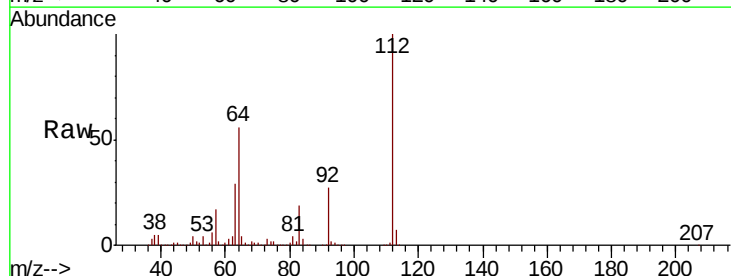
Tot Ion:152 Resp: 252848
Ion Ratio Lower Upper
152 100
150 157.3 123.7 185.5
115 60.5 45.1 67.7

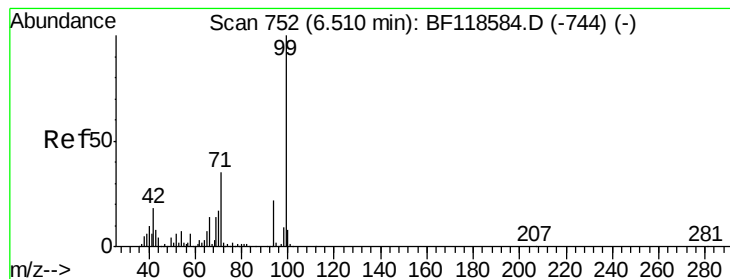


#5

2-Fluorophenol
Concen: 60.392 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion:112 Resp: 822178
Ion Ratio Lower Upper
112 100
64 56.1 42.4 63.6
63 29.3 21.7 32.5





#7

Phenol-d6

Concen: 35.381 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

Instrument :

BNA_F

ClientSampleId :

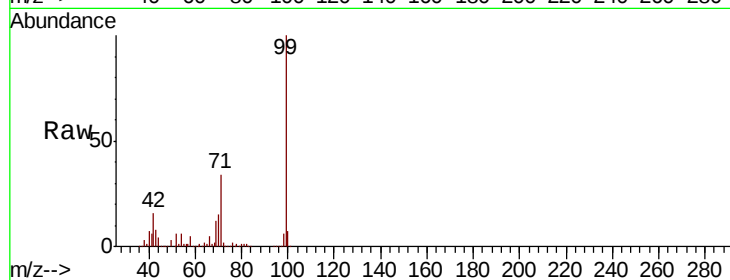
Tot Ion: 99 Resp: 626065

Ion Ratio Lower Upper

99 100

42 16.0 13.1 19.7

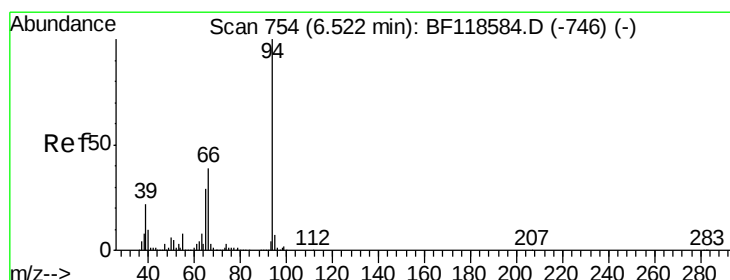
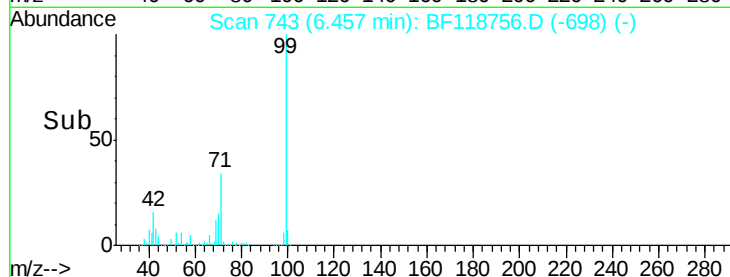
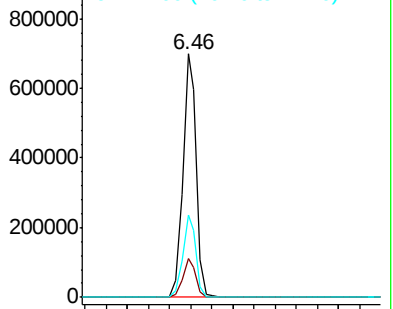
71 33.9 28.4 42.6



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



#10

Phenol

Concen: 4.432 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

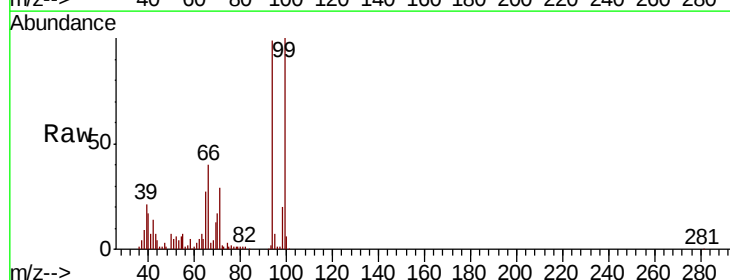
Tgt Ion: 94 Resp: 89380

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

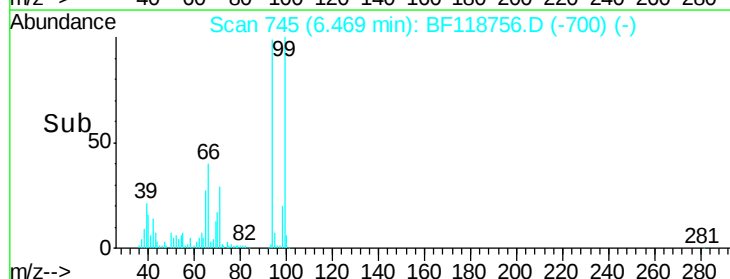
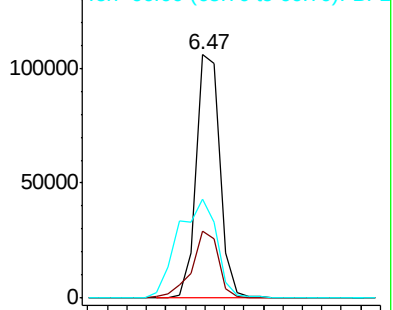
66 40.8 19.1 59.1

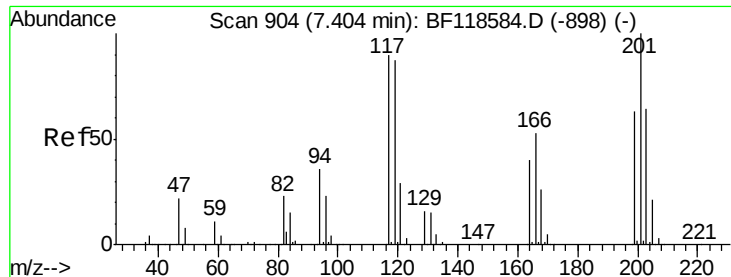


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

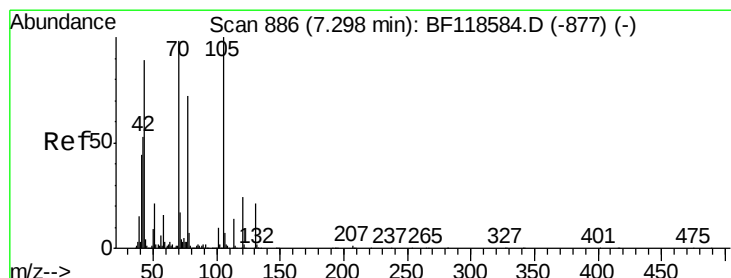
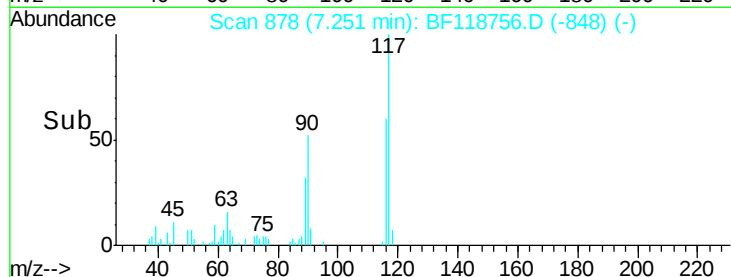
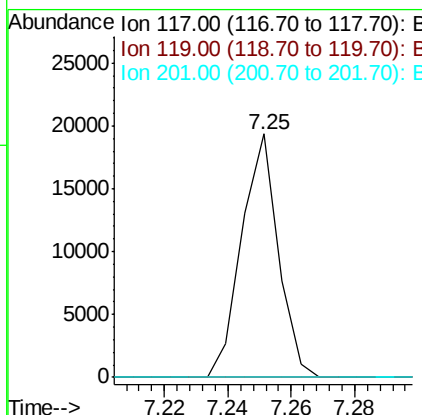
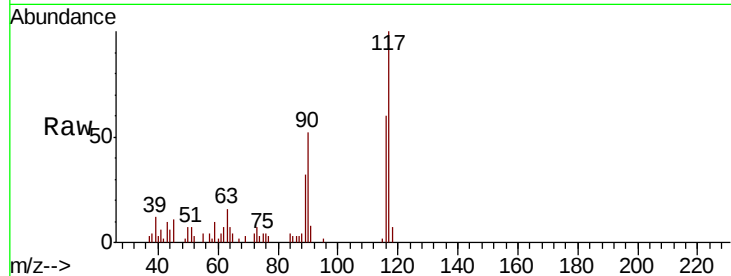




#18
Hexachloroethane
Concen: 2.373 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.12 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

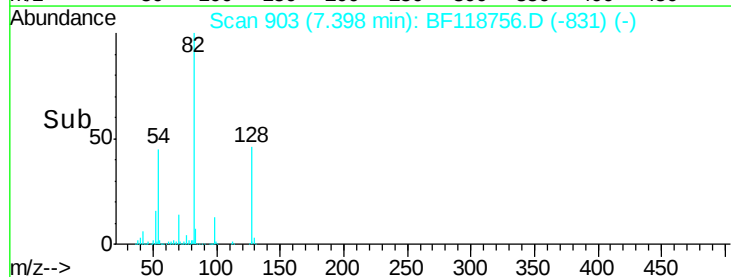
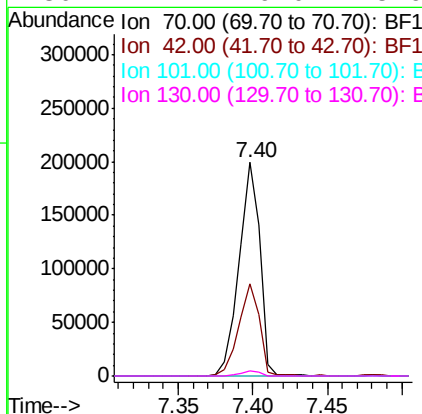
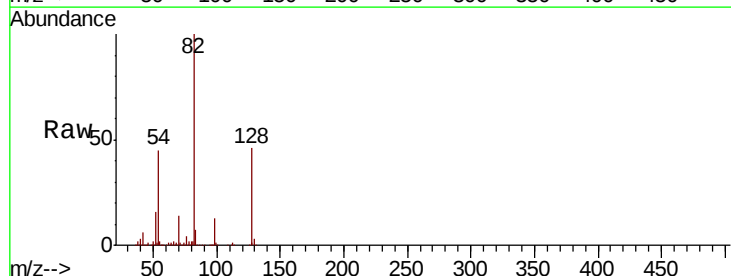
Instrument :
BNA_F
ClientSampleId :

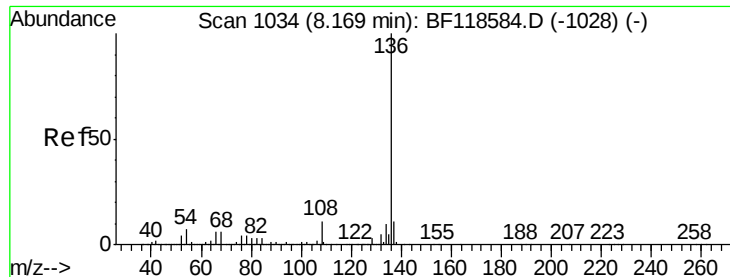
Tot Ion:117 Resp: 15450
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
201 0.0 83.3 124.9#



#19
n-Nitroso-di-n-propylamine
Concen: 16.283 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.12 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion: 70 Resp: 194546
Ion Ratio Lower Upper
70 100
42 43.1 41.6 62.4
101 0.0 7.9 11.9#
130 2.1 19.0 28.6#

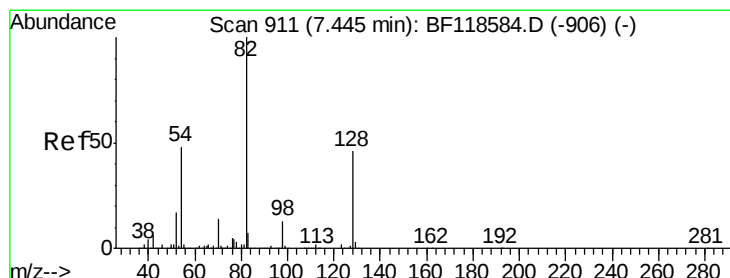
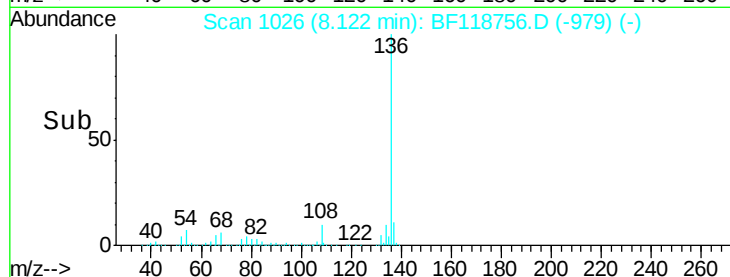
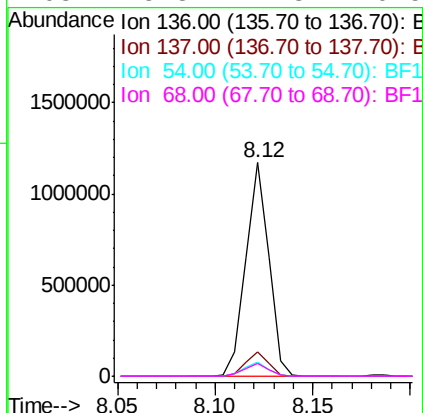
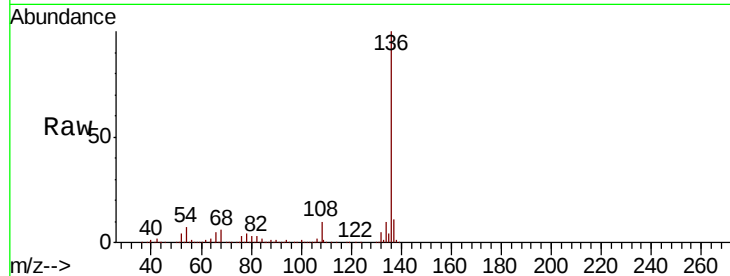




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

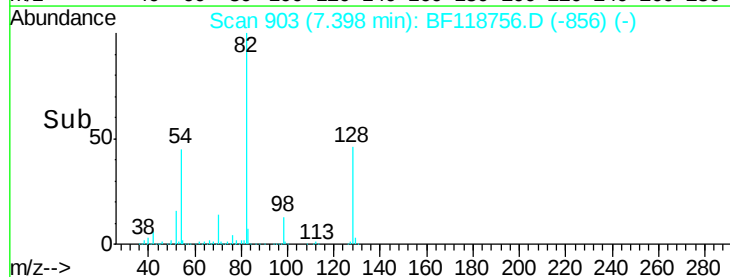
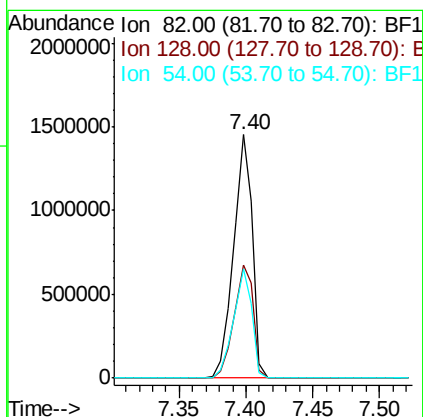
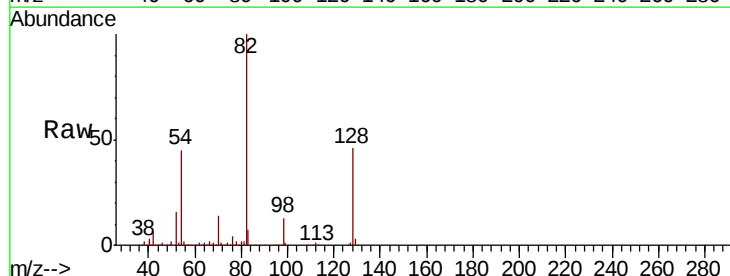
Instrument :
BNA_F
ClientSampleId :

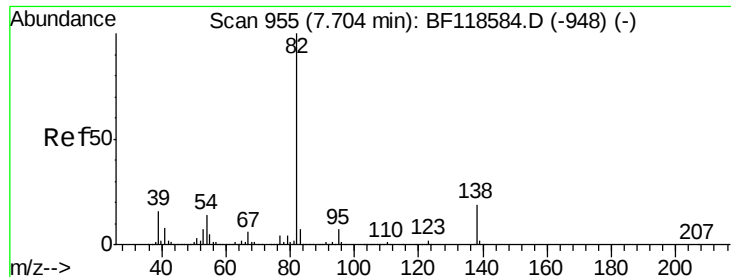
Tot Ion:136	Resp: 959966
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 6.5	5.1 7.7
68 5.8	4.3 6.5



#23
Nitrobenzene-d5
Concen: 83.540 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion: 82	Resp: 1433757
Ion Ratio	Lower Upper
82 100	
128 46.4	38.2 57.2
54 44.8	36.1 54.1





#25

Isophorone

Concen: 45.708 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

Instrument :

BNA_F

ClientSampleId :

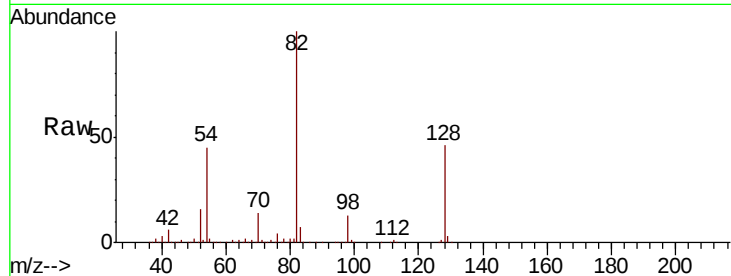
Tot Ion: 82 Resp: 1430823

Ion Ratio Lower Upper

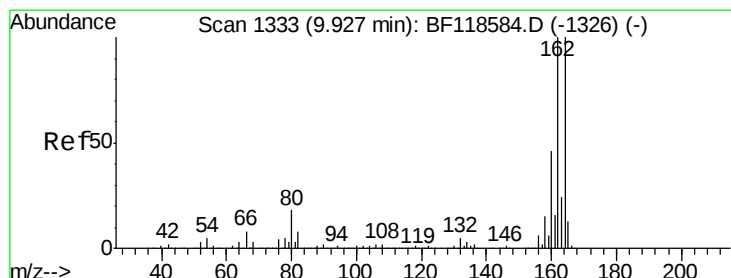
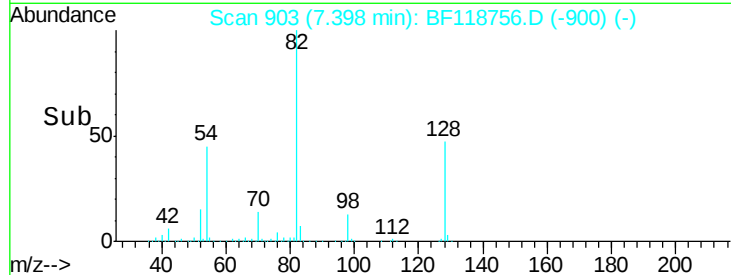
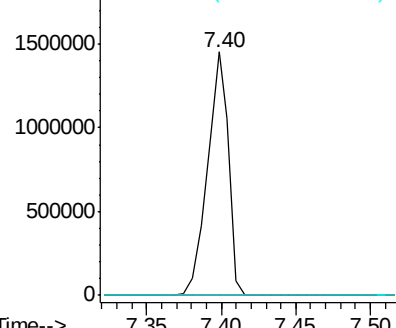
82 100

95 0.0 5.8 8.8#

138 0.0 15.8 23.8#



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: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

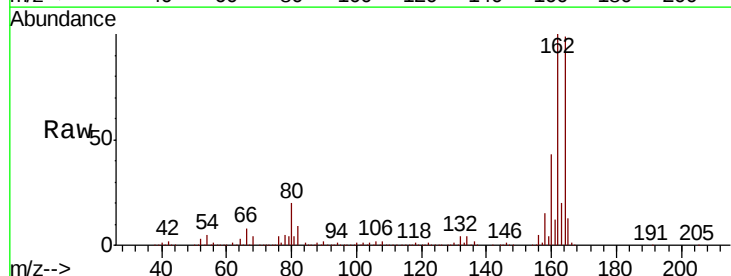
Tgt Ion:164 Resp: 553999

Ion Ratio Lower Upper

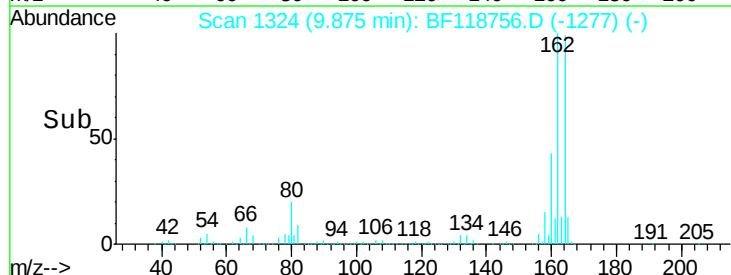
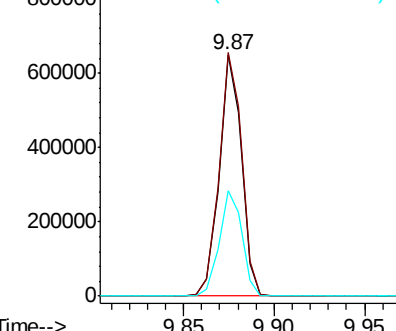
164 100

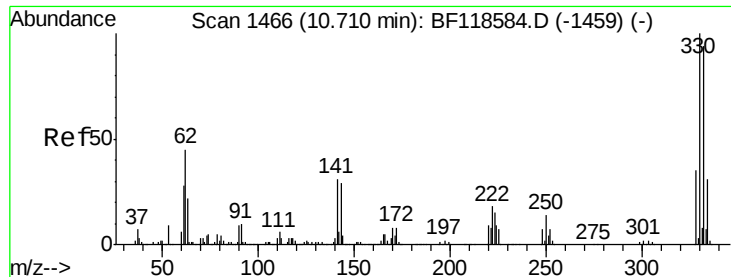
162 100.9 80.8 121.2

160 43.7 35.4 53.0



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

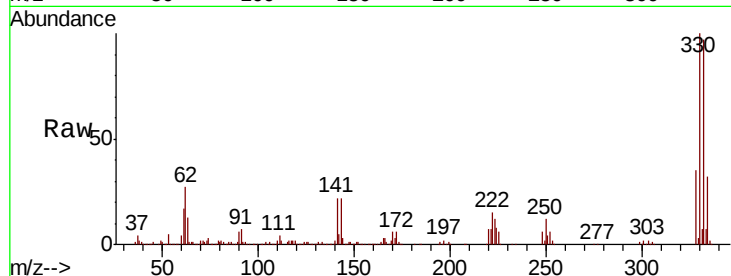




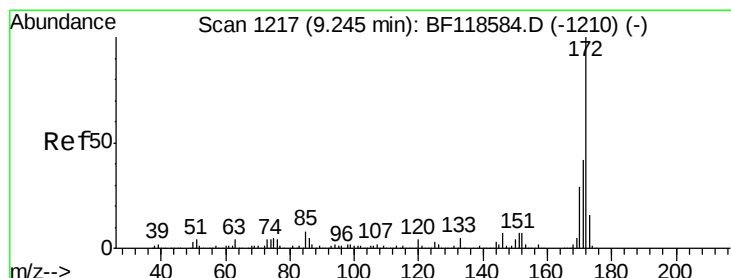
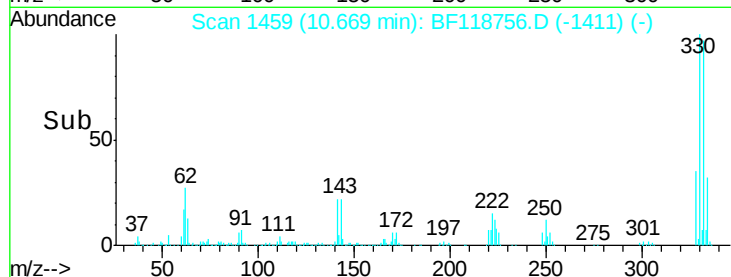
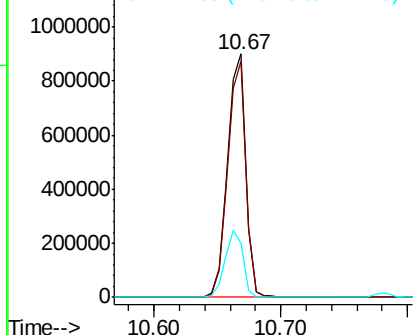
#42
 2,4,6-Tribromophenol
 Concen: 138.947 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF118756.D
 Acq: 30 Jan 2020 17:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 890332
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 27.5 22.2 33.2

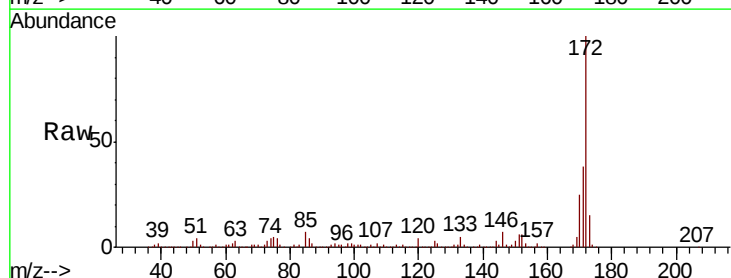


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

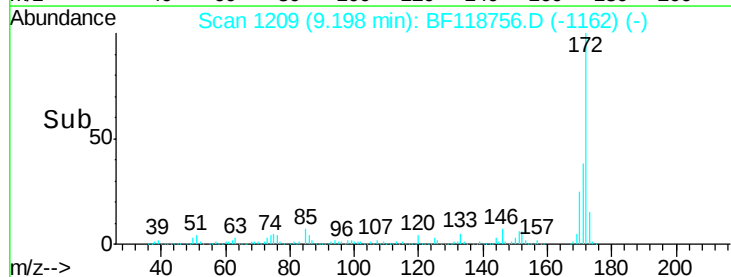
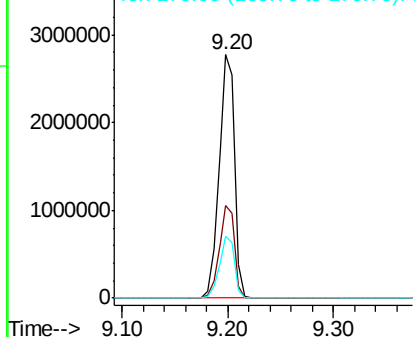


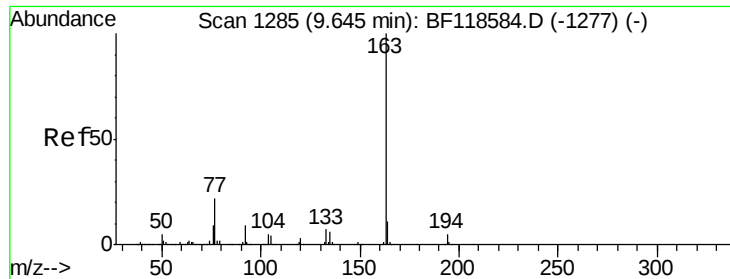
#45
 2-Fluorobiphenyl
 Concen: 84.917 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF118756.D
 Acq: 30 Jan 2020 17:30

Tgt Ion:172 Resp: 2862219
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 25.5 20.7 31.1



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

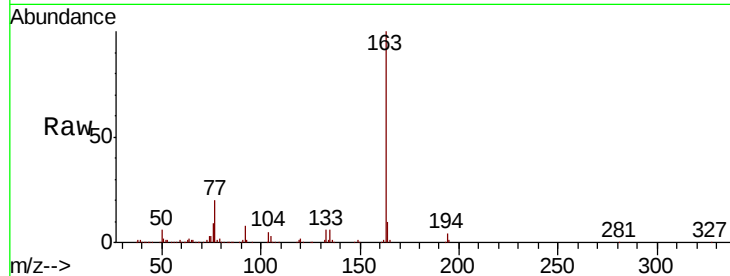




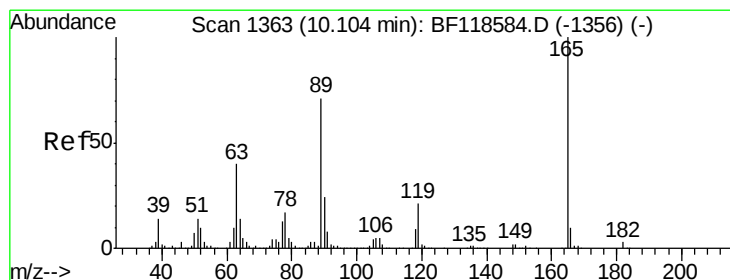
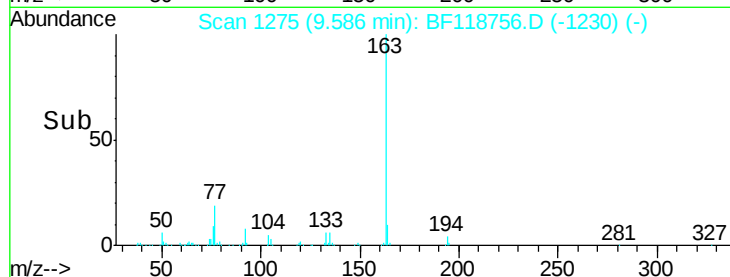
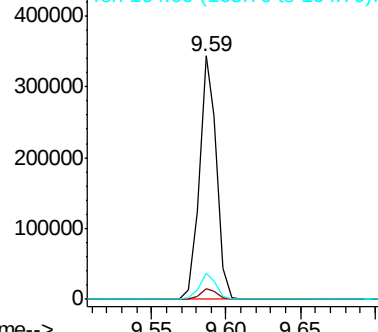
#50
Dimethylphthalate
Concen: 7.731 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.04 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.2	3.7	5.5	
164	10.4	8.2	12.2	

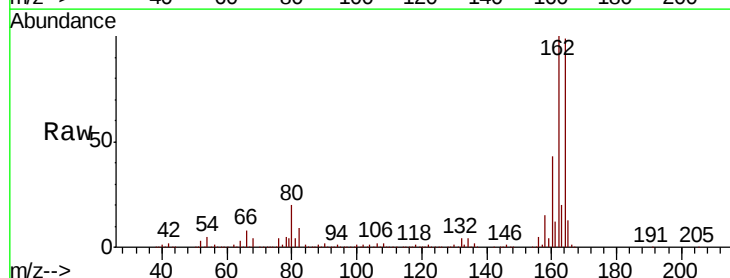


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

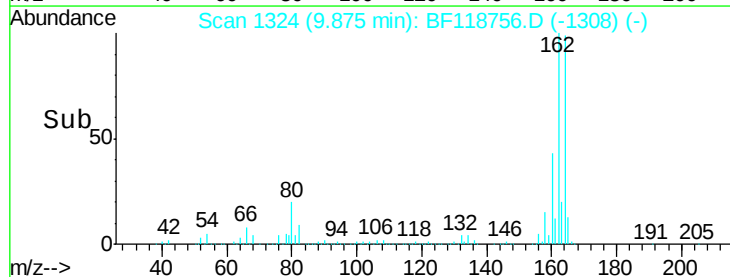
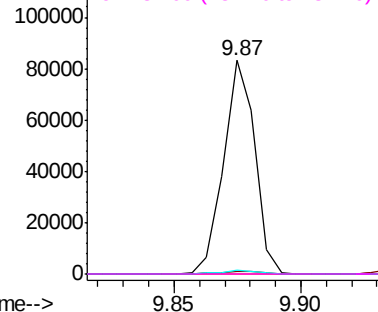


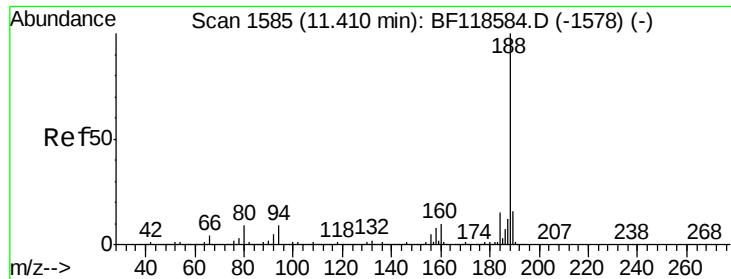
#57
2,4-Dinitrotoluene
Concen: 7.013 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion	Ion	Ratio	Lower	Upper
165	100			
63	1.1	28.5	42.7#	
89	1.6	50.4	75.6#	
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: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

Instrument :

BNA_F

ClientSampleId :

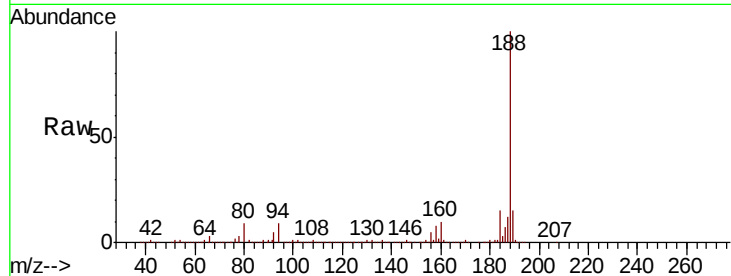
Tot Ion:188 Resp: 1064509

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.2 7.8 11.8



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

1500000

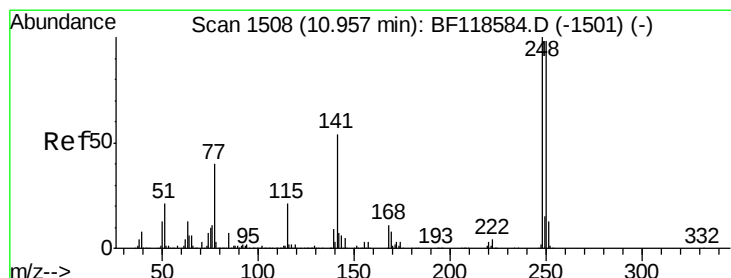
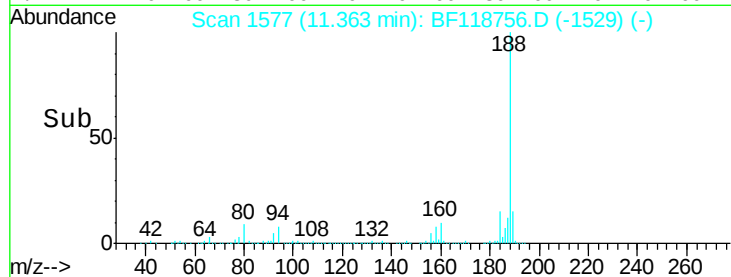
11.36

1000000

500000

0

Time--> 11.30 11.35 11.40



#67

4-Bromophenyl-phenylether

Concen: 4.456 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.26 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

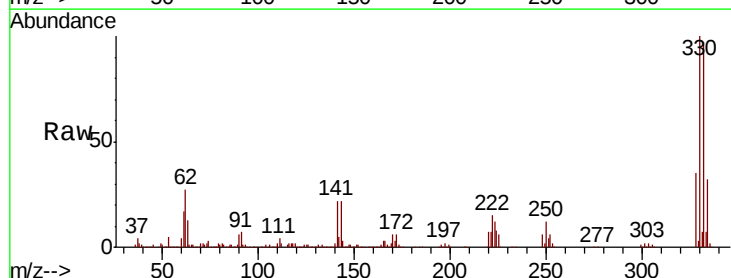
Tgt Ion:248 Resp: 58610

Ion Ratio Lower Upper

248 100

250 193.5 78.7 118.1#

141 352.4 48.4 72.6#



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

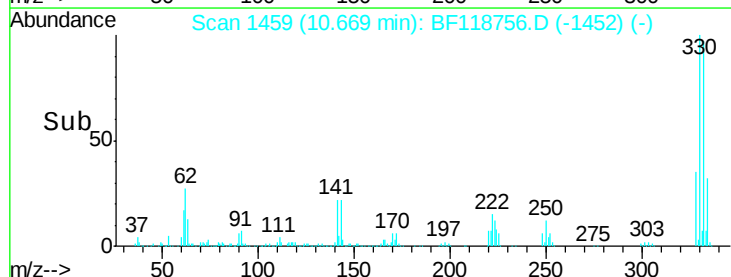
300000

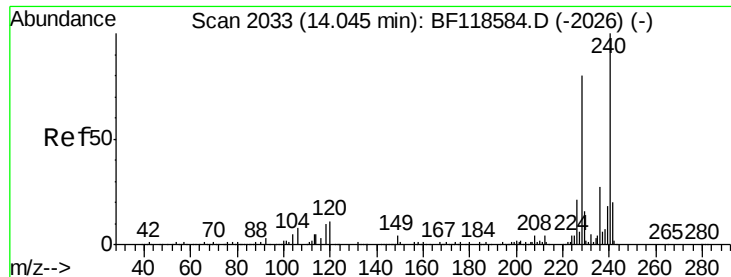
200000

100000

0

Time--> 10.65 10.67 10.70





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

Instrument :

BNA_F

ClientSampleId :

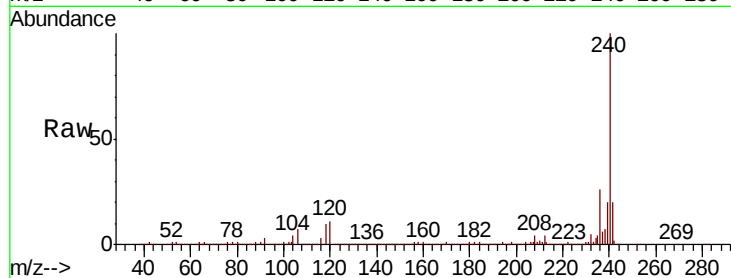
Tot Ion:240 Resp: 892176

Ion Ratio Lower Upper

240 100

120 10.6 7.6 11.4

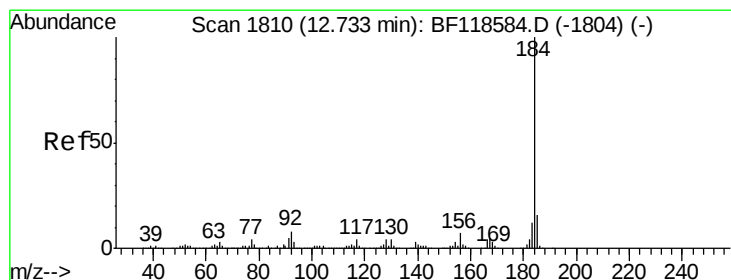
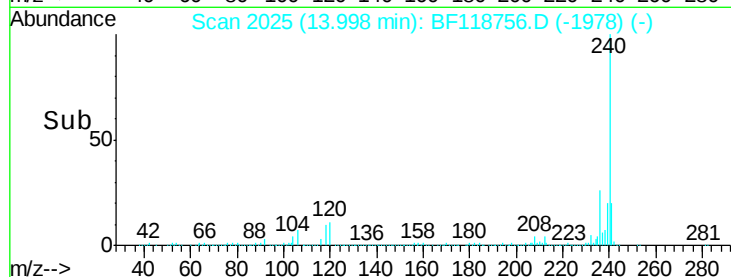
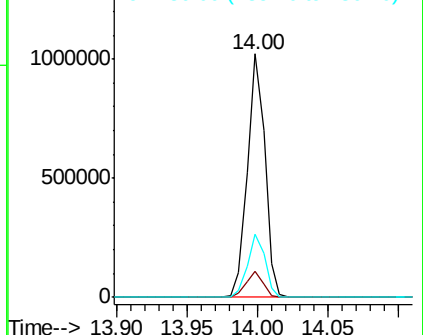
236 26.1 21.0 31.4



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



#77

Benzidine

Concen: 2.196 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.24 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

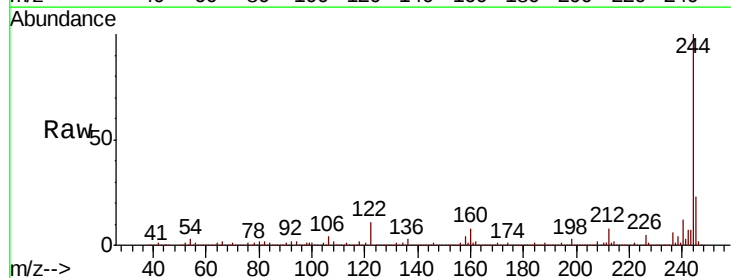
Tgt Ion:184 Resp: 52357

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.8

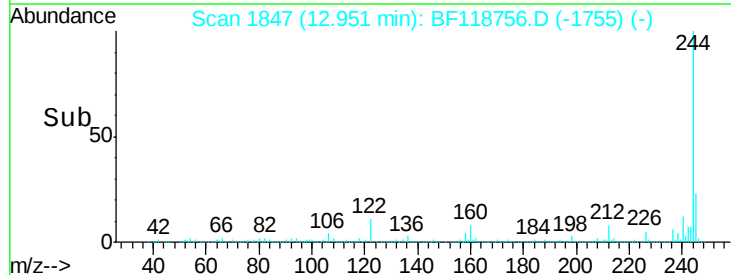
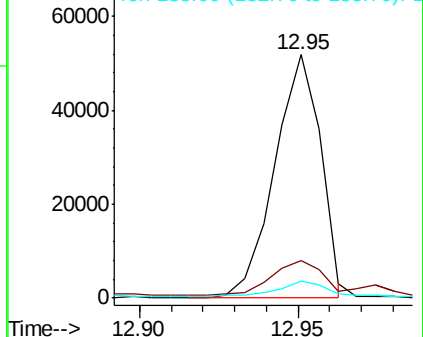
183 7.2 9.7 14.5#

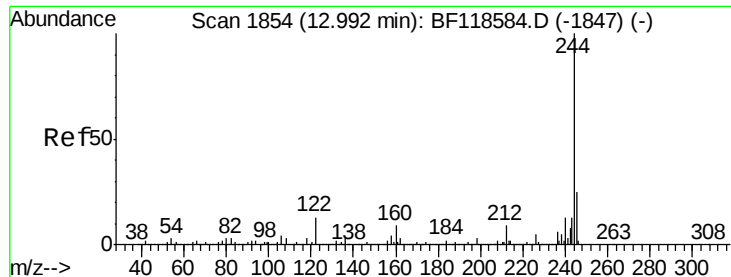


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 94.317 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

Instrument :

BNA_F

ClientSampleId :

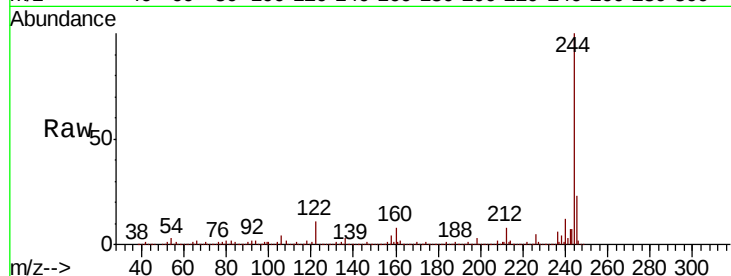
Tot Ion:244 Resp: 3858046

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

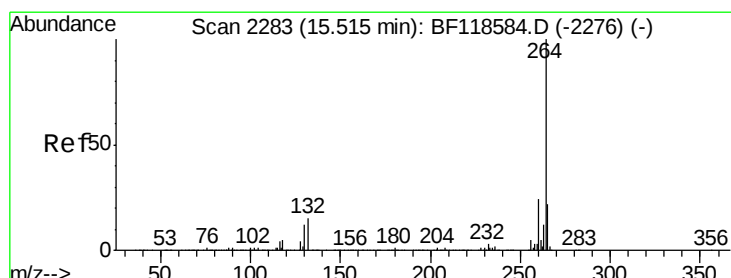
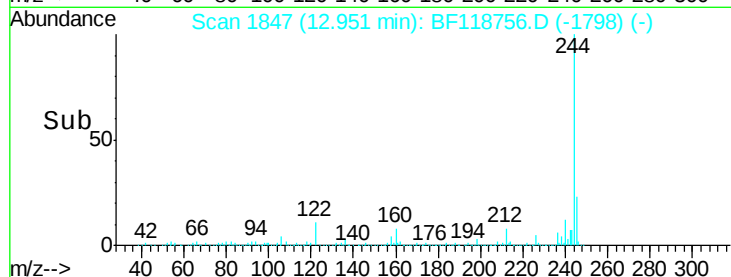
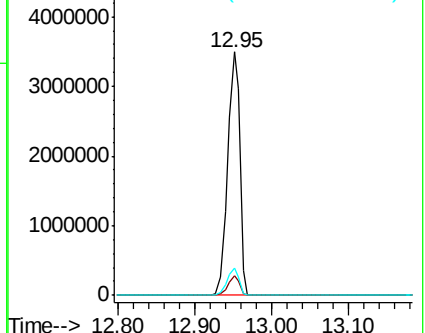
122 11.1 9.2 13.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

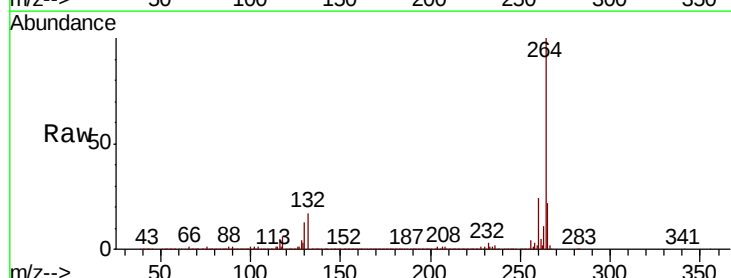
Tgt Ion:264 Resp: 882853

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.1 17.0 25.6



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

