

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120108.D
 Acq On : 21 Apr 2020 17:58
 Operator : MA/SJ
 Sample : L2343-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 01:48:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

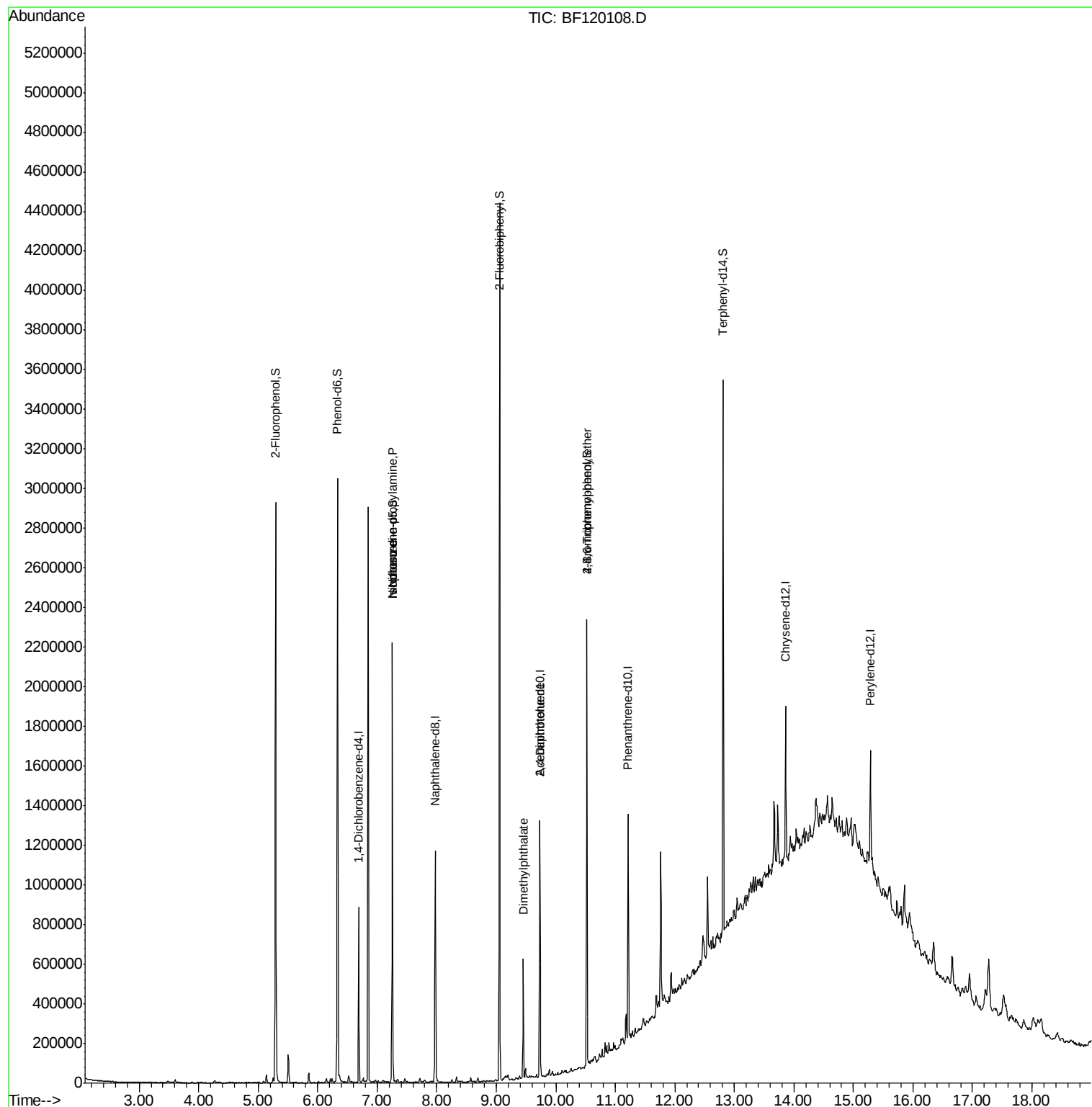
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	126030	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	480568	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	233534	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	394142	20.00	ng	0.00
76) Chrysene-d12	13.86	240	238160	20.00	ng	0.00
87) Perylene-d12	15.29	264	252778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	850374	116.61	ng	0.00
7) Phenol-d6	6.33	99	1088378	115.82	ng	0.00
23) Nitrobenzene-d5	7.26	82	702737	75.65	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	251532	87.97	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1295729	78.77	ng	0.00
79) Terphenyl-d14	12.81	244	1005527	71.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.24	77	2995	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	92955	15.383	ng	# 43
25) Isophorone	7.26	82	702728	39.243	ng	# 77
50) Dimethylphthalate	9.45	163	208627	11.550	ng	# 65
57) 2,4-Dinitrotoluene	9.73	165	30412	5.835	ng	# 100
67) 4-Bromophenyl-phenylether	10.52	248	16304	3.326	ng	# 24
						# 1

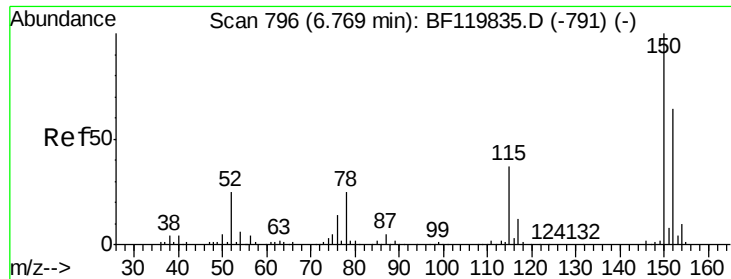
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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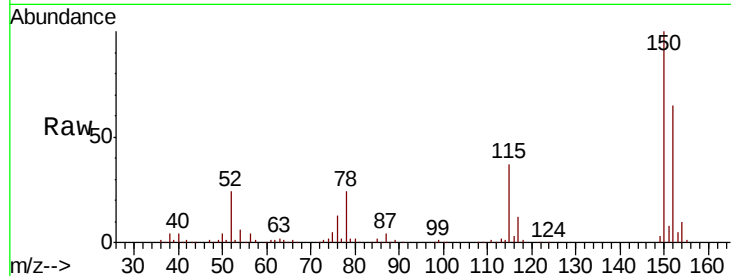


#1

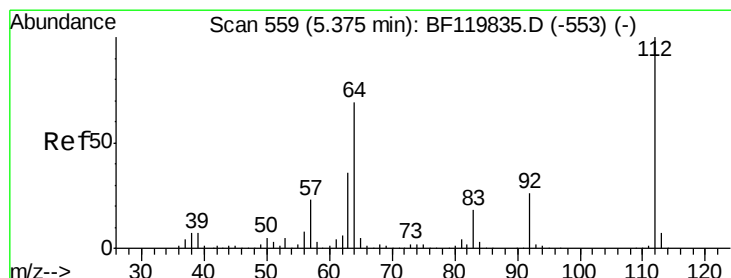
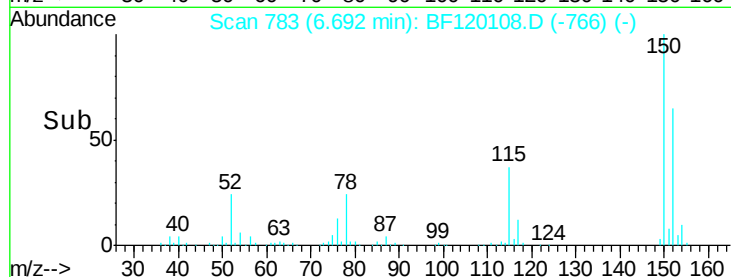
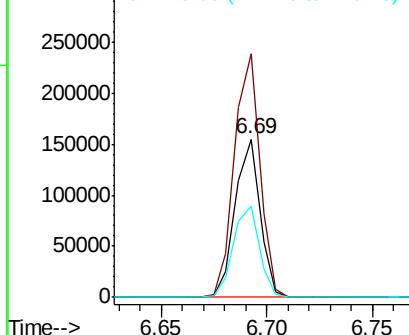
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120108.D
Acq: 21 Apr 2020 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126030
Ion Ratio Lower Upper
152 100
150 153.7 124.8 187.2
115 57.4 46.5 69.7



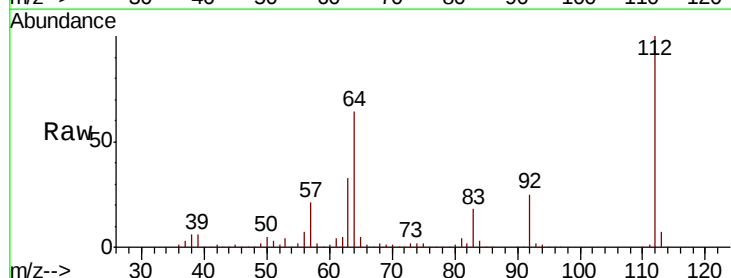
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



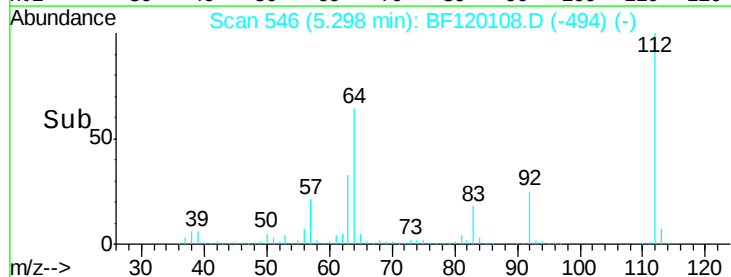
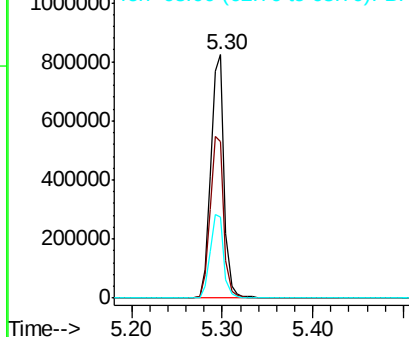
#5

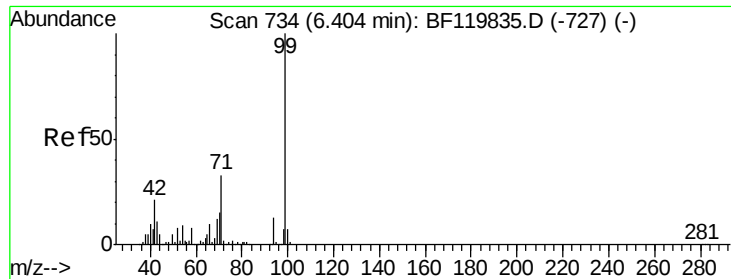
2-Fluorophenol
Concen: 116.607 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF120108.D
Acq: 21 Apr 2020 17:58

Tgt Ion:112 Resp: 850374
Ion Ratio Lower Upper
112 100
64 64.4 55.5 83.3
63 33.4 29.1 43.7



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: 115.823 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF120108.D

Acq: 21 Apr 2020 17:58

Instrument :

BNA_F

ClientSampled :

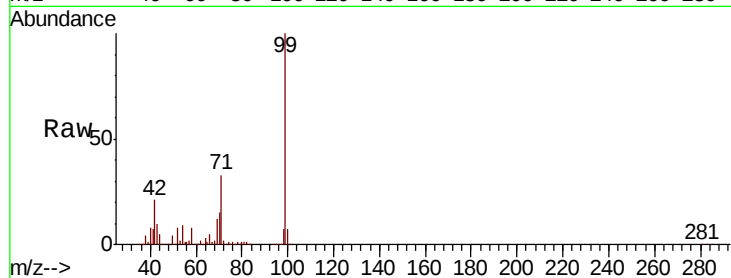
Tot Ion: 99 Resp: 1088378

Ion Ratio Lower Upper

99 100

42 20.7 16.9 25.3

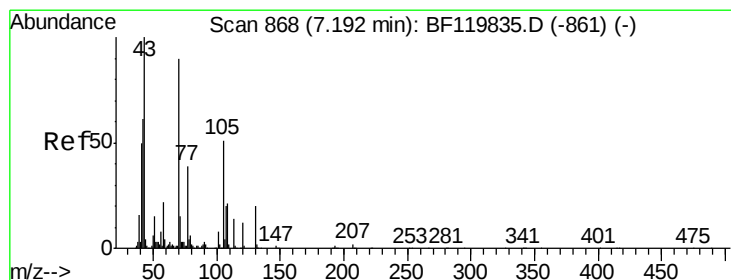
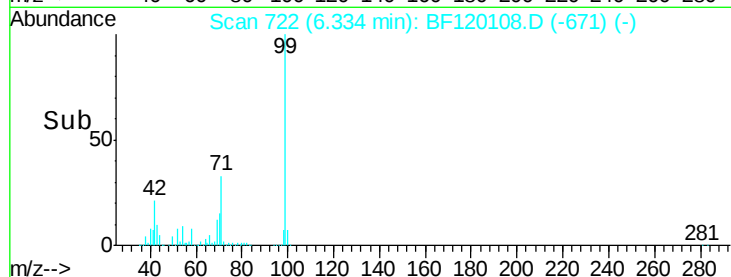
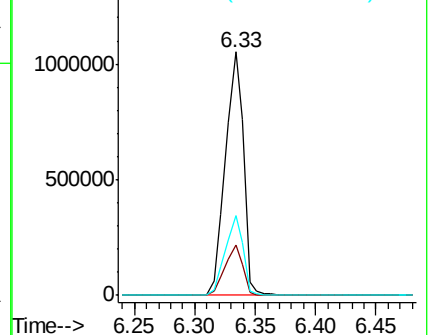
71 33.0 26.3 39.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.383 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF120108.D

Acq: 21 Apr 2020 17:58

Tgt Ion: 70 Resp: 92955

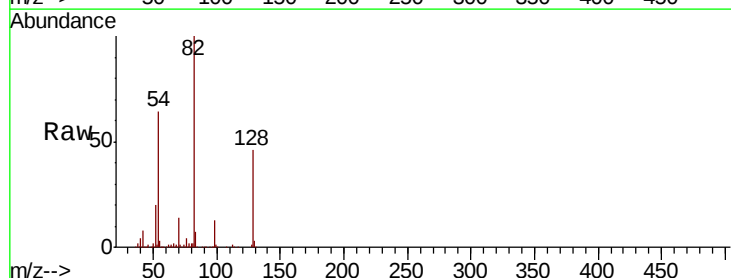
Ion Ratio Lower Upper

70 100

42 54.5 54.2 81.4

101 0.0 7.4 11.2#

130 2.4 17.8 26.6#

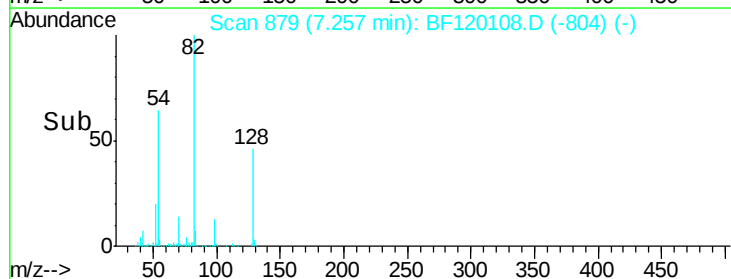
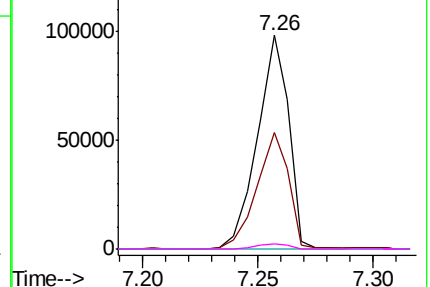


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF120108.D

Acq: 21 Apr 2020 17:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 480568

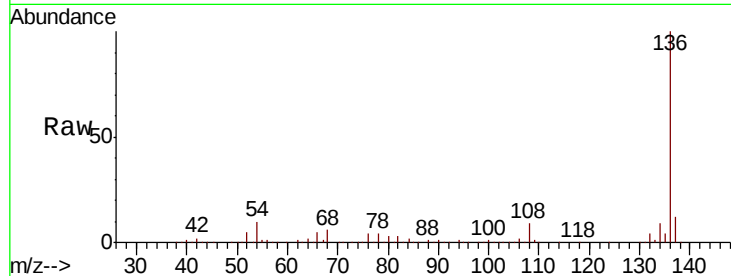
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.3 8.5 12.7

68 5.6 3.9 5.9

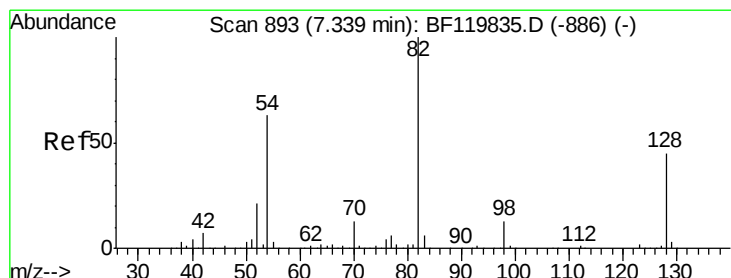
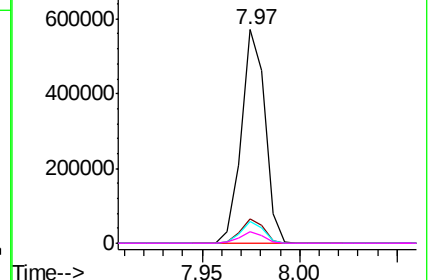
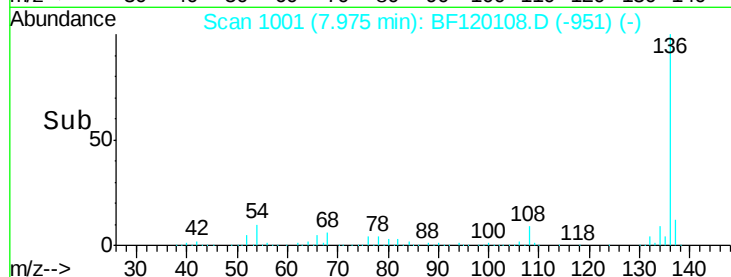


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 75.650 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF120108.D

Acq: 21 Apr 2020 17:58

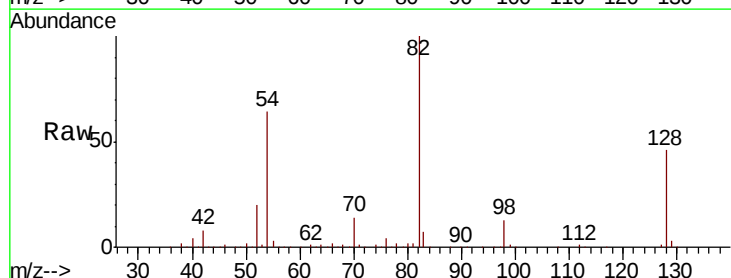
Tgt Ion: 82 Resp: 702737

Ion Ratio Lower Upper

82 100

128 45.7 36.2 54.4

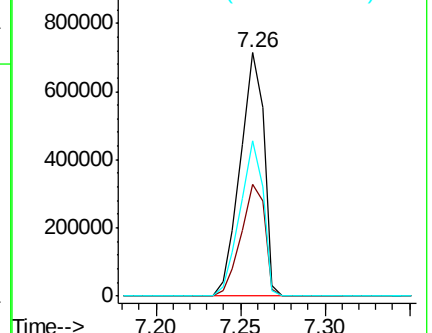
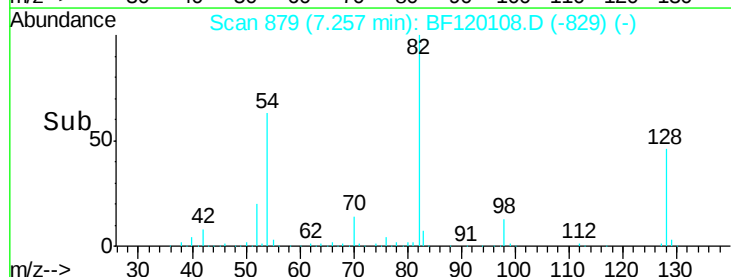
54 63.5 50.4 75.6

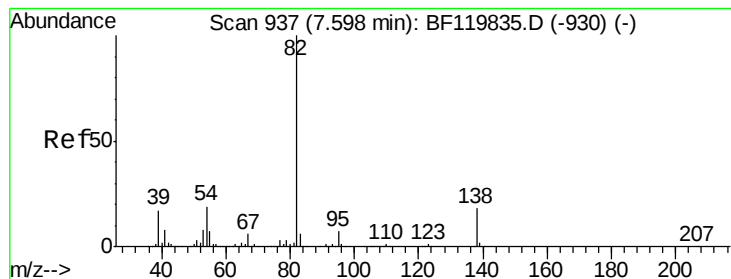


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.243 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF120108.D

Acq: 21 Apr 2020 17:58

Instrument :

BNA_F

ClientSampleId :

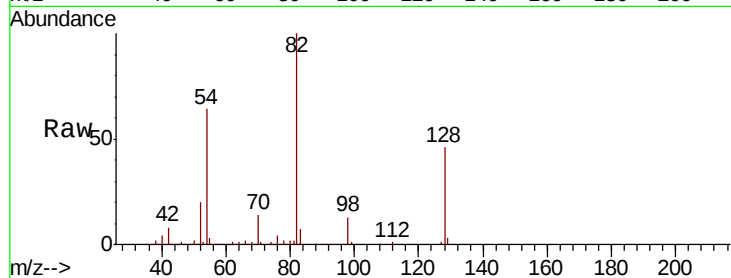
Tot Ion: 82 Resp: 702728

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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

7.26

800000

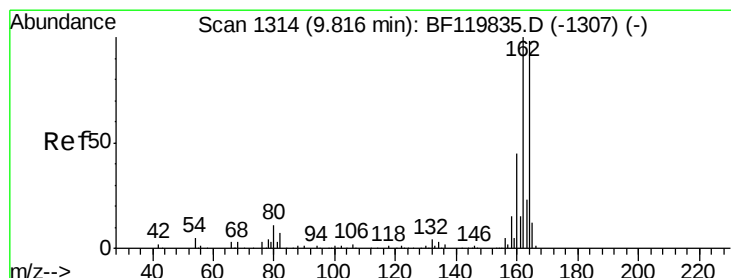
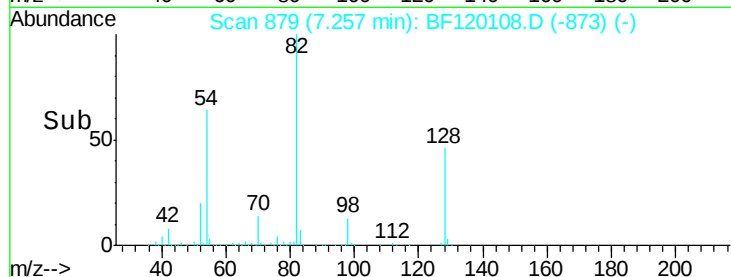
600000

400000

200000

0

Time--> 7.20 7.25 7.30



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF120108.D

Acq: 21 Apr 2020 17:58

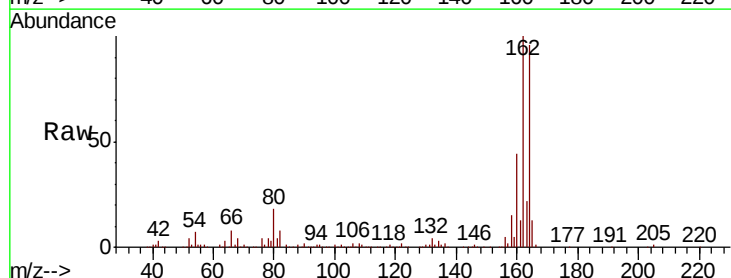
Tgt Ion: 164 Resp: 233534

Ion Ratio Lower Upper

164 100

162 104.3 81.9 122.9

160 46.0 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

9.73

400000

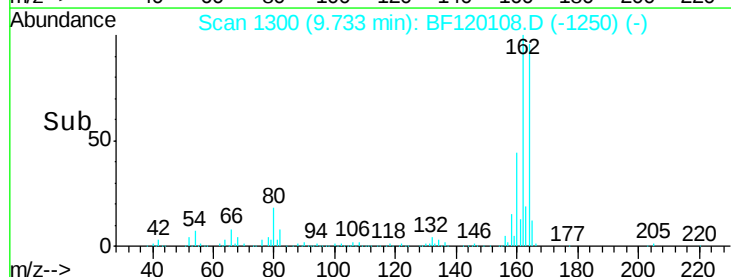
300000

200000

100000

0

Time--> 9.70 9.75

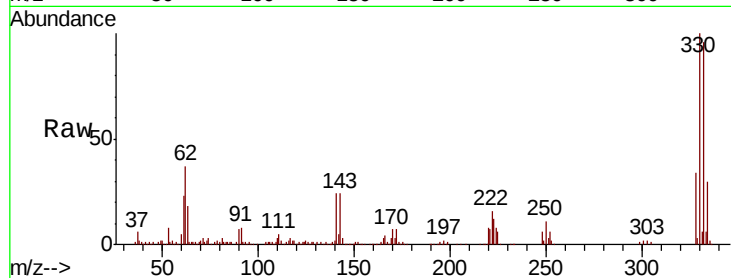




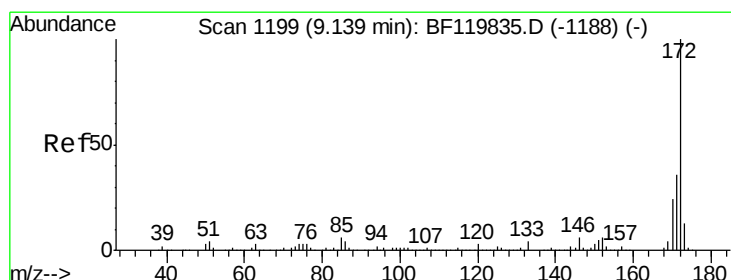
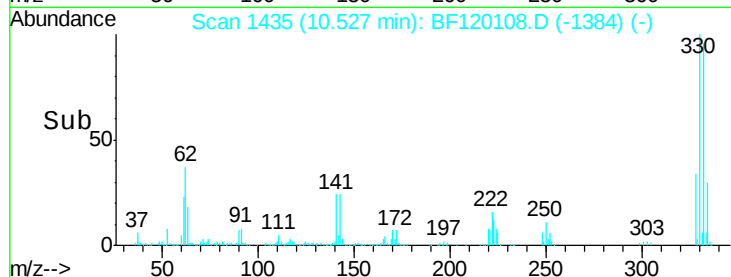
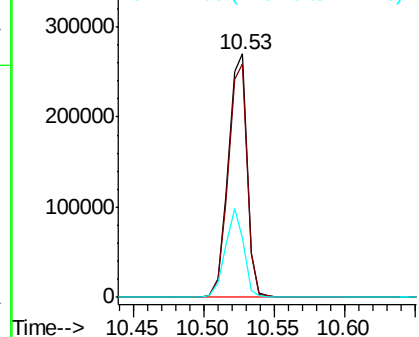
#42
 2,4,6-Tribromophenol
 Concen: 87.971 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF120108.D
 Acq: 21 Apr 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	35.1	25.1	37.7

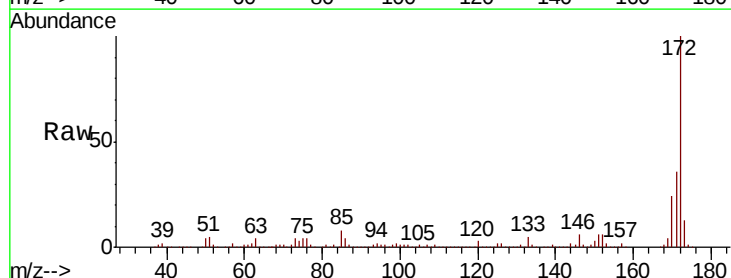


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

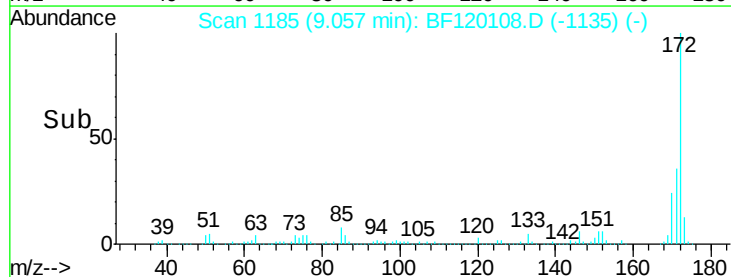
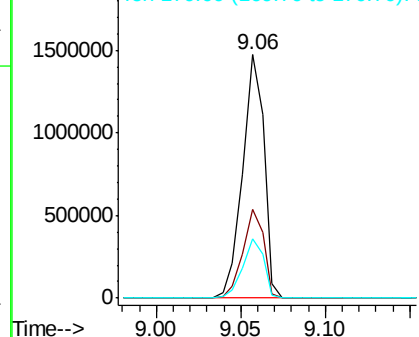


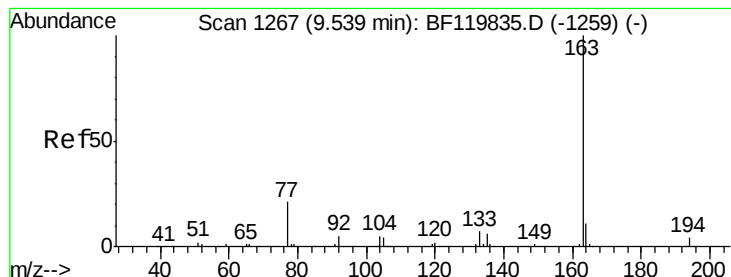
#45
 2-Fluorobiphenyl
 Concen: 78.775 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF120108.D
 Acq: 21 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.2	19.4	29.2



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: 11.550 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF120108.D

Acq: 21 Apr 2020 17:58

Instrument :

BNA_F

ClientSampleId :

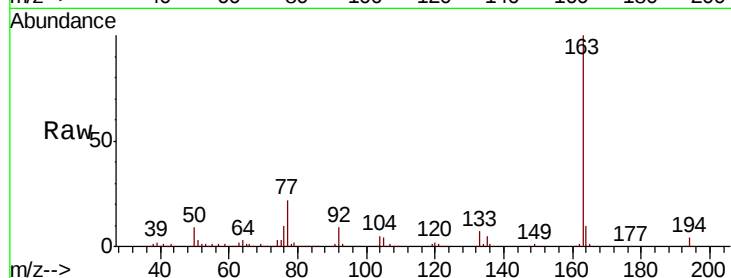
Tot Ion:163 Resp: 208627

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

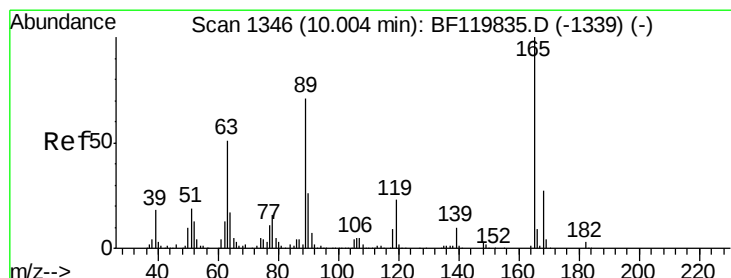
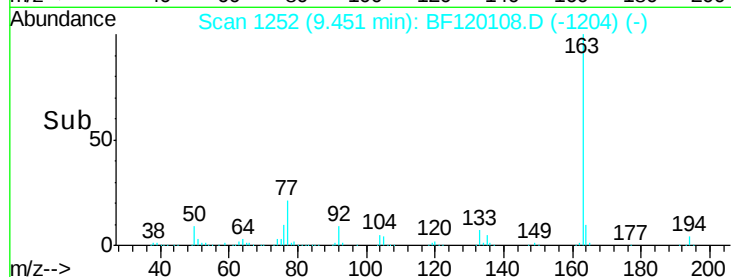
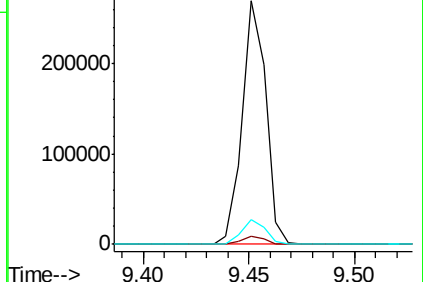
164 10.4 8.4 12.6



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: 5.835 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF120108.D

Acq: 21 Apr 2020 17:58

Tgt Ion:165 Resp: 30412

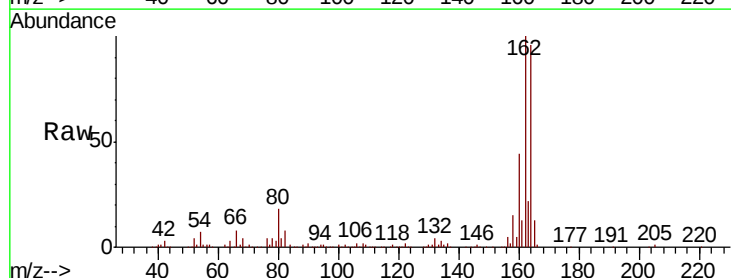
Ion Ratio Lower Upper

165 100

63 2.2 40.8 61.2#

89 2.3 56.9 85.3#

182 0.0 2.0 3.0#

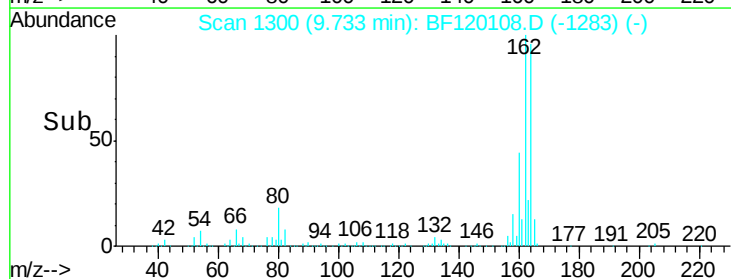
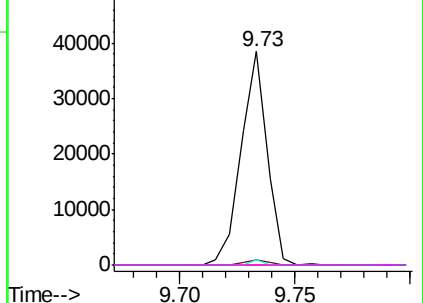


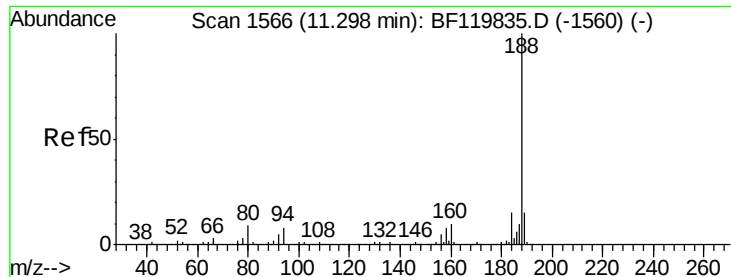
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

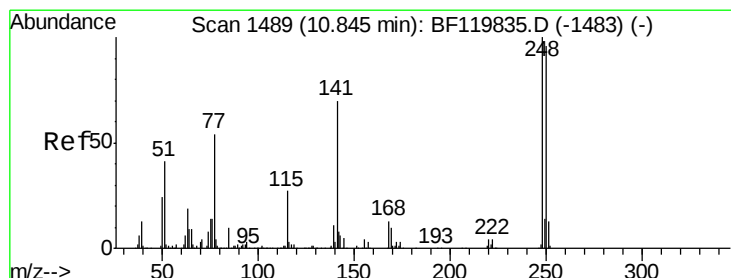
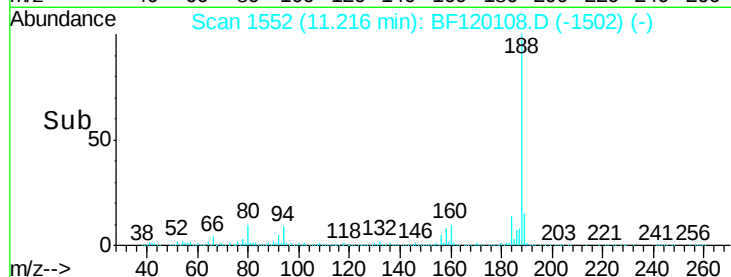
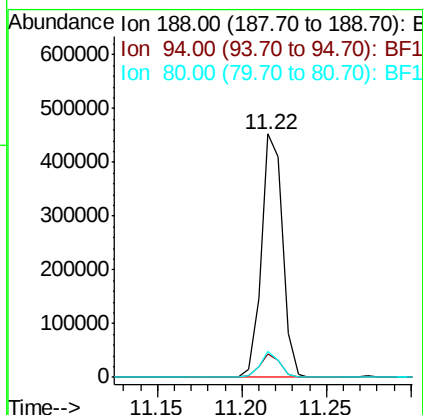
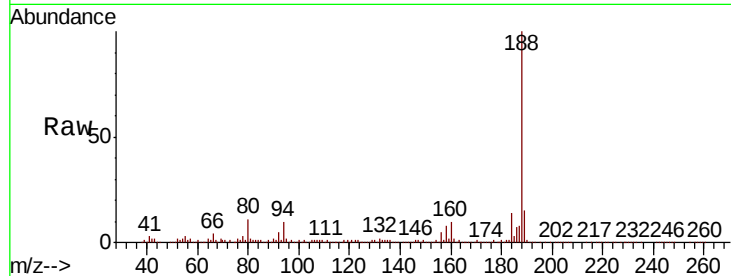




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF120108.D
 Acq: 21 Apr 2020 17:58

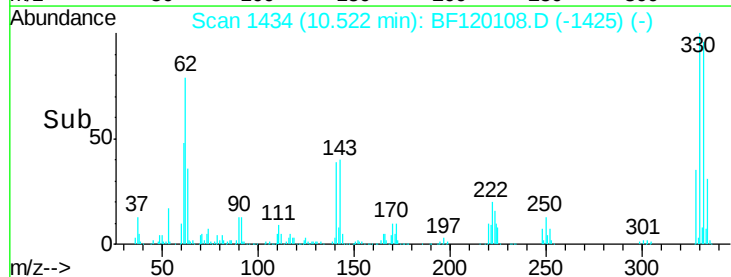
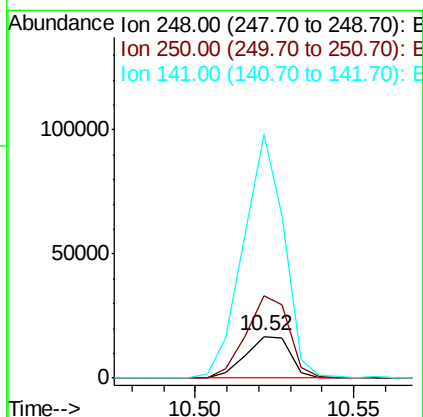
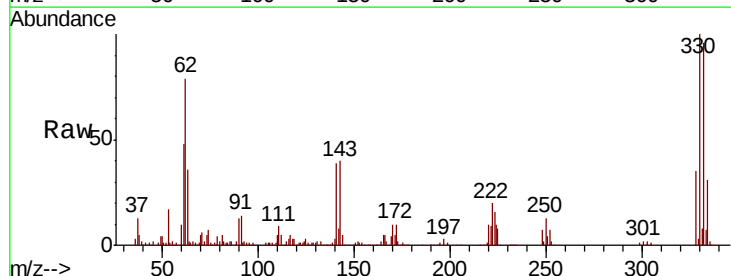
Instrument :
 BNA_F
 ClientSampleId :

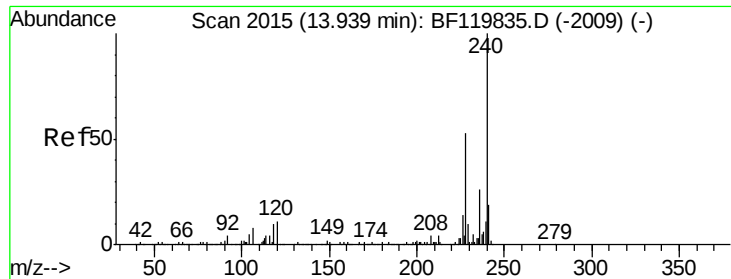
Tot Ion:188 Resp: 394142
 Ion Ratio Lower Upper
 188 100
 94 9.6 6.7 10.1
 80 10.5 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.326 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF120108.D
 Acq: 21 Apr 2020 17:58

Tgt Ion:248 Resp: 16304
 Ion Ratio Lower Upper
 248 100
 250 195.9 76.6 114.8#
 141 579.7 55.9 83.9#

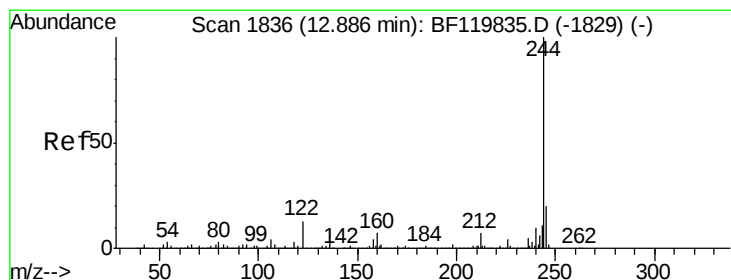
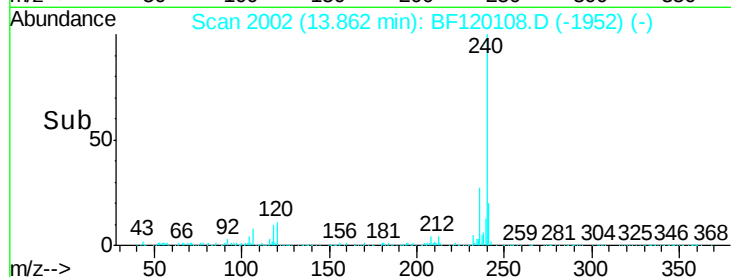
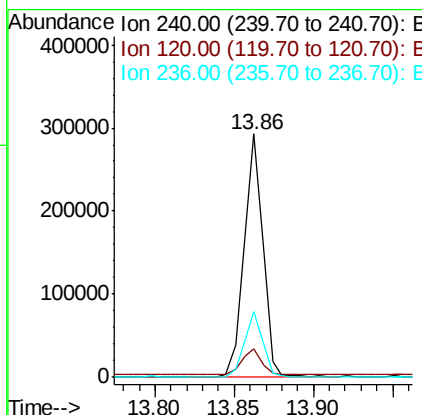
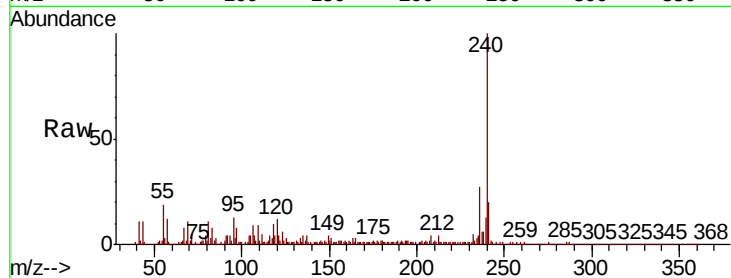




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF120108.D
 Acq: 21 Apr 2020 17:58

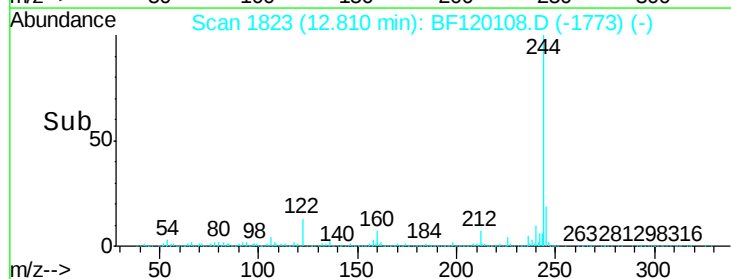
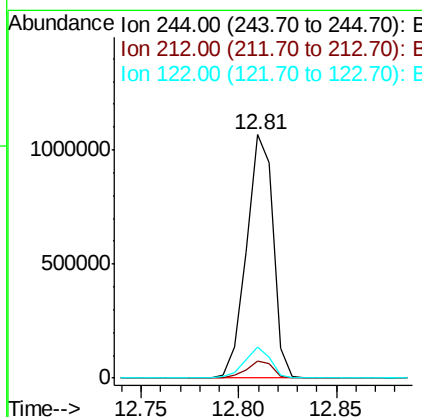
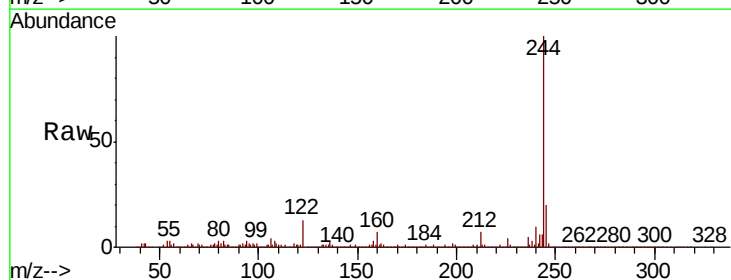
Instrument :
 BNA_F
 ClientSampleId :

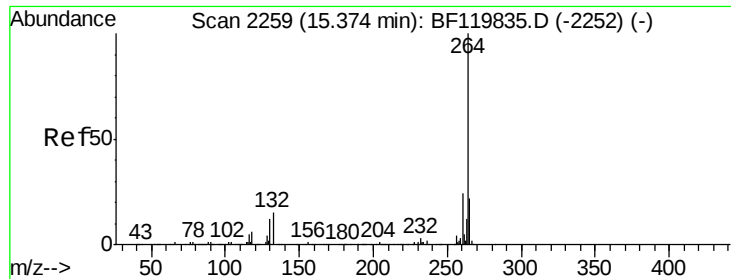
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.6
236	27.0	20.7	31.1



#79
 Terphenyl-d14
 Concen: 71.043 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF120108.D
 Acq: 21 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.9	10.3	15.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF120108.D
 Acq: 21 Apr 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.5	19.3	28.9	
265	21.2	17.6	26.4	

