

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118984.D
 Acq On : 21 Feb 2020 3:24
 Operator : CG/JU
 Sample : L1547-22 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 05:46:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

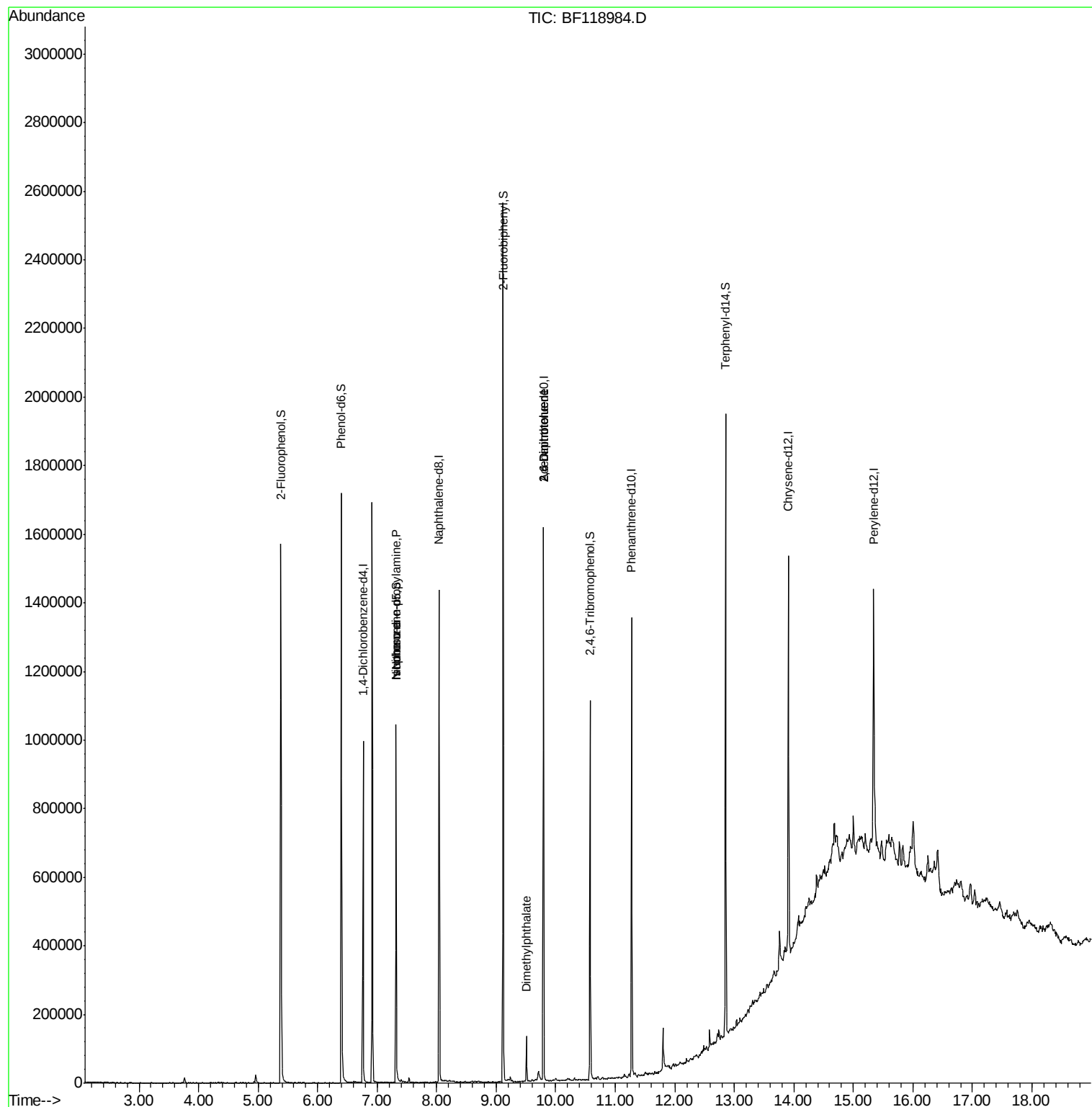
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	172202	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	634460	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	309948	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	485918	20.00	ng	0.00
76) Chrysene-d12	13.91	240	398482	20.00	ng	0.00
87) Perylene-d12	15.34	264	350575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	471344	45.74	ng	0.00
7) Phenol-d6	6.40	99	559637	44.66	ng	0.00
23) Nitrobenzene-d5	7.32	82	351451	29.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	152800	37.69	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	737616	35.06	ng	0.00
79) Terphenyl-d14	12.86	244	699836	30.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	47480	6.502	ng	# 76
25) Isophorone	7.32	82	351448	16.841	ng	# 63
50) Dimethylphthalate	9.51	163	50219	2.119	ng	99
51) 2,6-Dinitrotoluene	9.79	165	39074	7.420	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	39074	5.725	ng	# 28

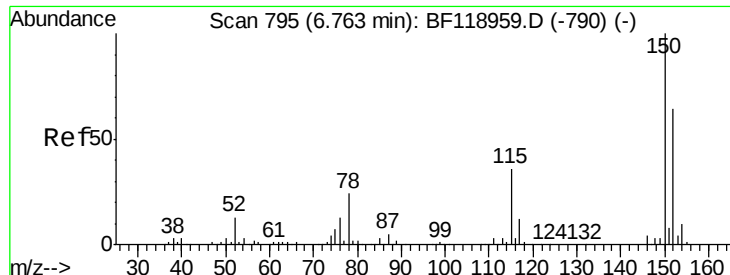
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118984.D
Acq On : 21 Feb 2020 3:24
Operator : CG/JU
Sample : L1547-22 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 21 05:46:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration



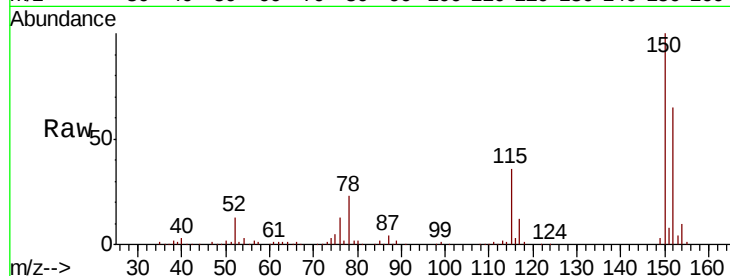


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF118984.D
Acq: 21 Feb 2020 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.3	186.5
115	55.1	44.6	67.0

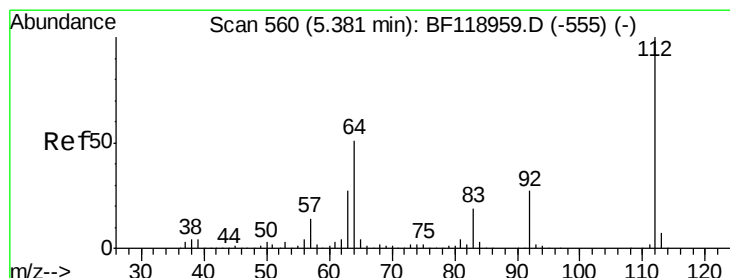
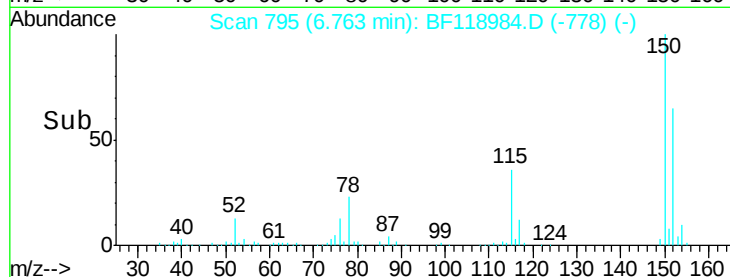
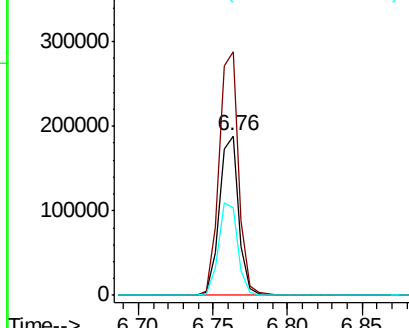


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

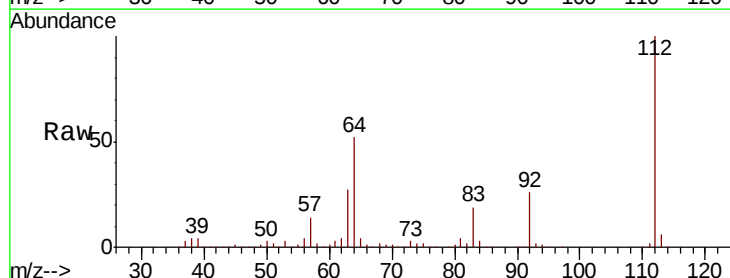
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.743 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF118984.D
Acq: 21 Feb 2020 3:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	40.4	60.6
63	27.3	21.3	31.9

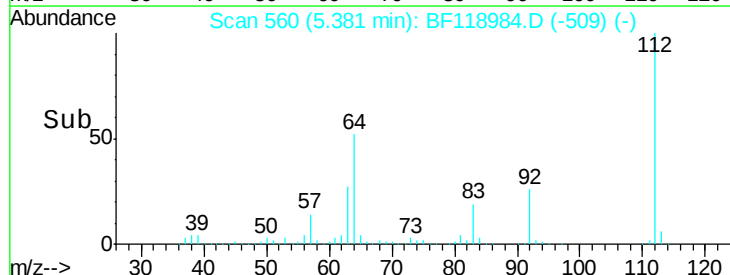
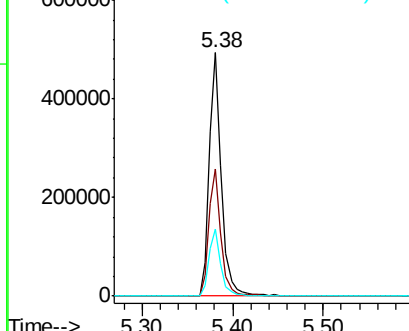


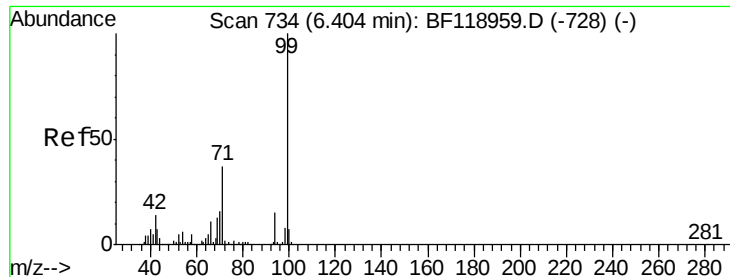
Abundance

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: 44.657 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118984.D

Acq: 21 Feb 2020 3:24

Instrument :

BNA_F

ClientSampleId :

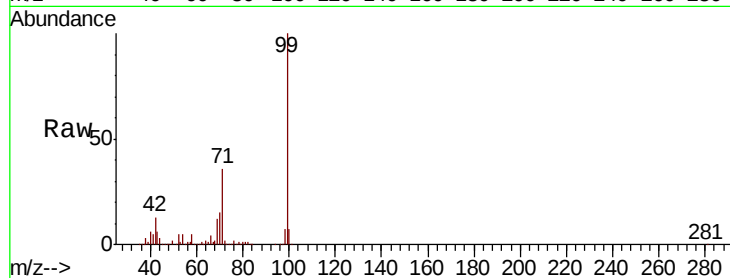
Tot Ion: 99 Resp: 559637

Ion Ratio Lower Upper

99 100

42 13.5 11.4 17.0

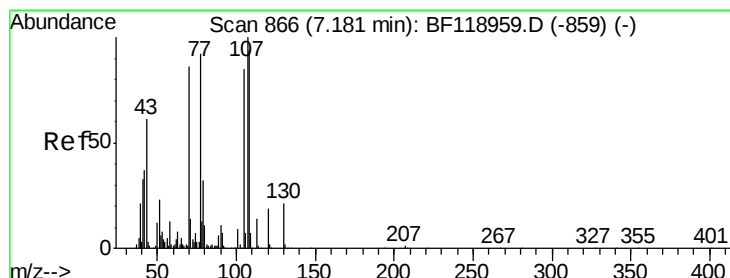
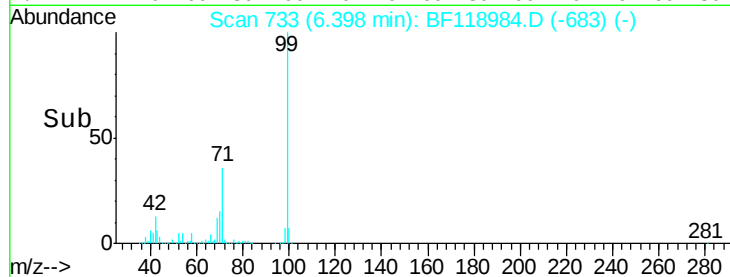
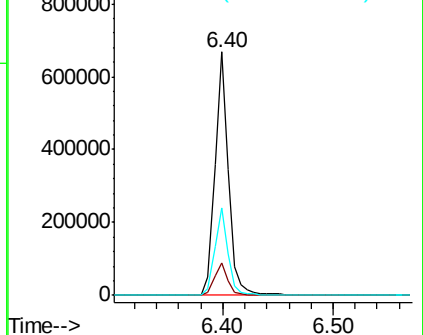
71 36.0 29.8 44.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.502 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF118984.D

Acq: 21 Feb 2020 3:24

Tgt Ion: 70 Resp: 47480

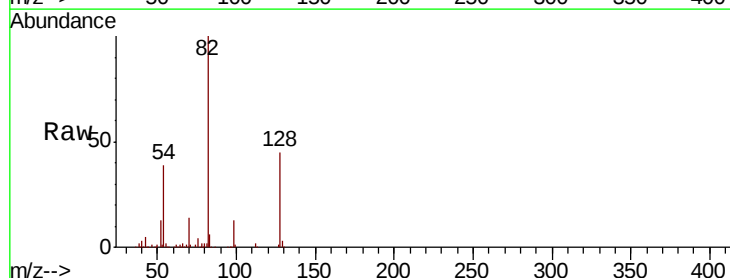
Ion Ratio Lower Upper

70 100

42 35.8 34.6 51.8

101 0.0 8.1 12.1#

130 2.2 19.4 29.2#

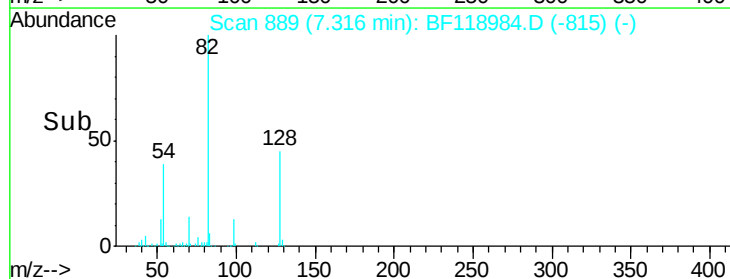
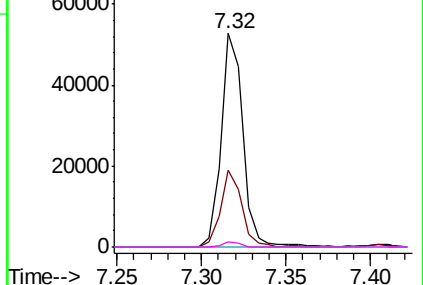


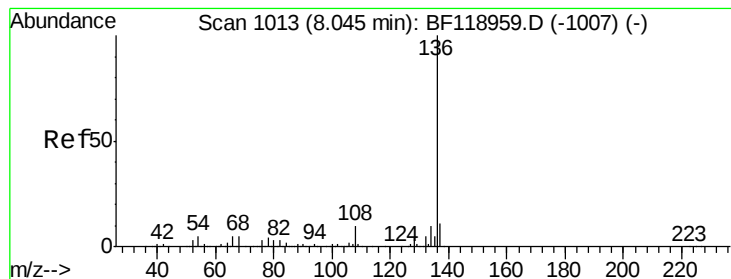
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118984.D

Acq: 21 Feb 2020 3:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 634460

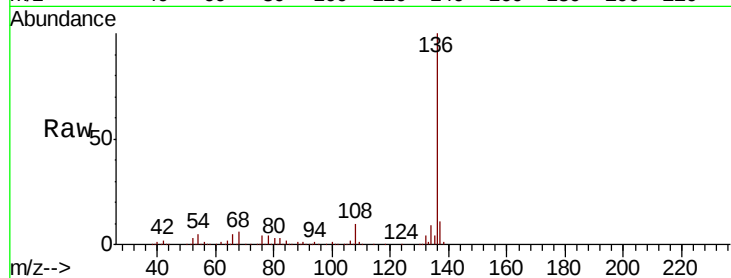
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.3 3.8 5.6

68 5.6 4.2 6.2

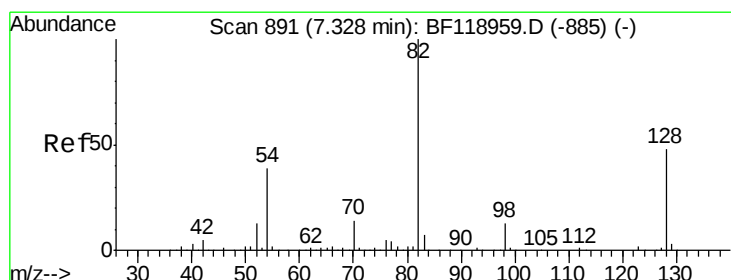
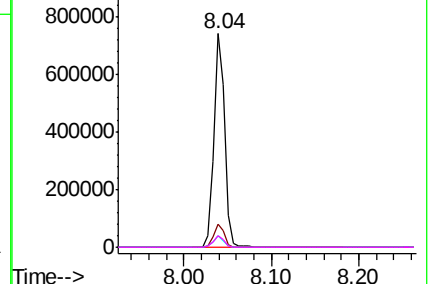
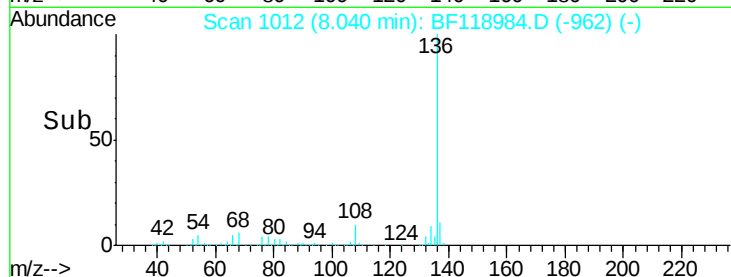


Abundance Ion 136.00 (135.70 to 136.70): E

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: 29.248 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF118984.D

Acq: 21 Feb 2020 3:24

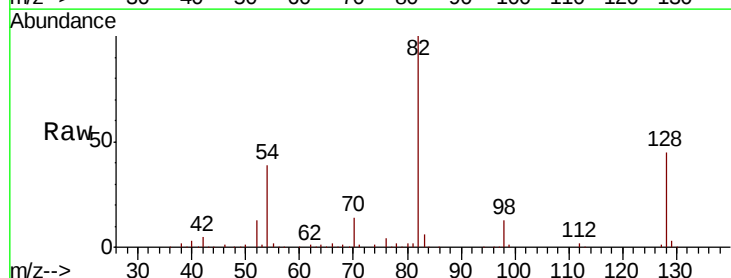
Tgt Ion: 82 Resp: 351451

Ion Ratio Lower Upper

82 100

128 45.2 38.2 57.2

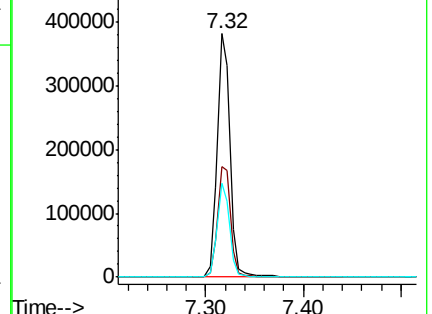
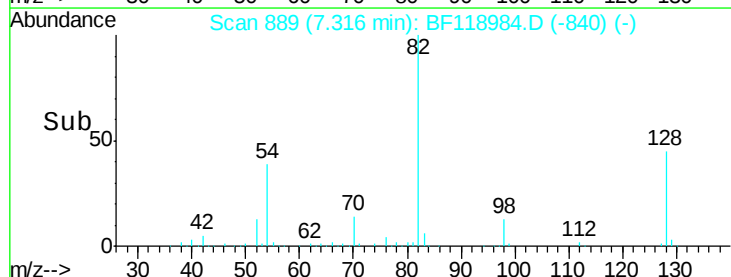
54 38.8 31.3 46.9

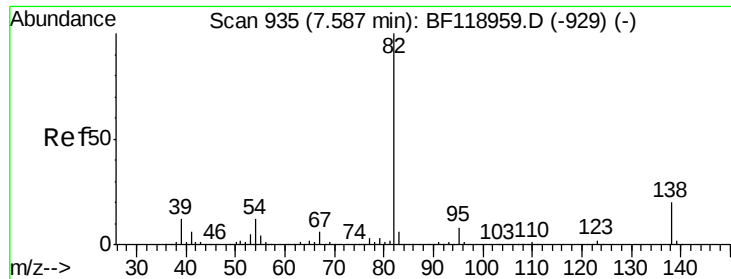


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

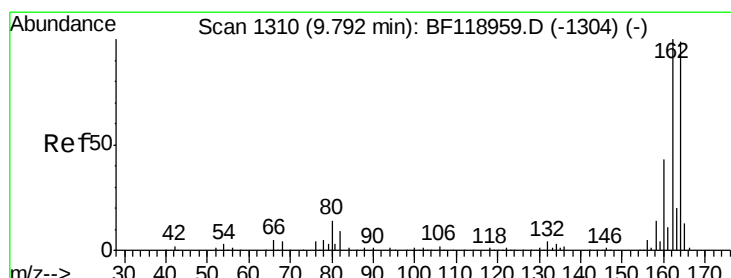
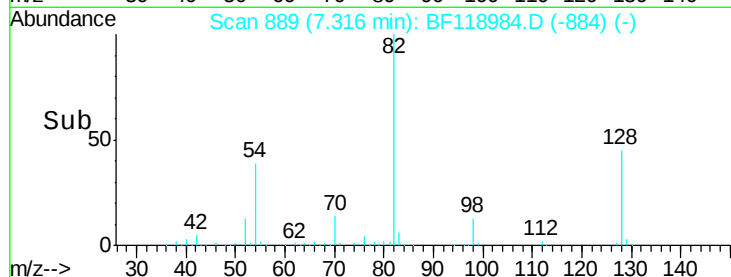
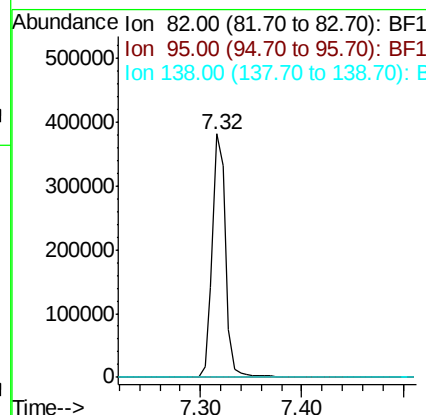
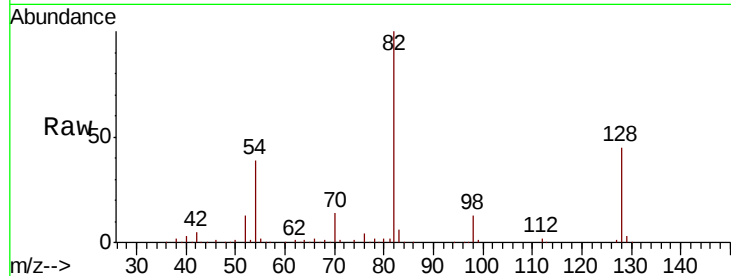




#25
Isophorone
Concen: 16.841 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF118984.D
Acq: 21 Feb 2020 3:24

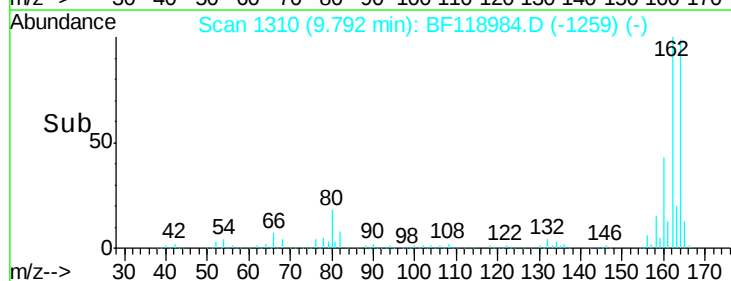
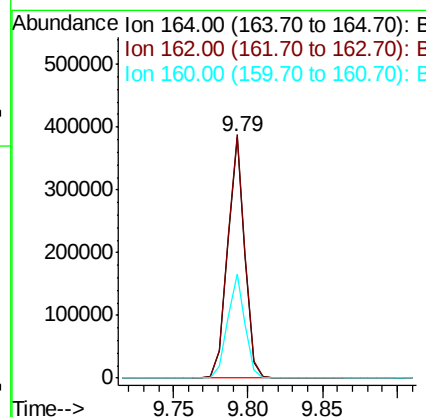
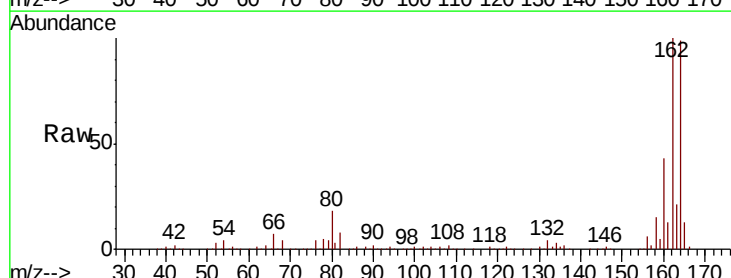
Instrument :
BNA_F
ClientSampleId :

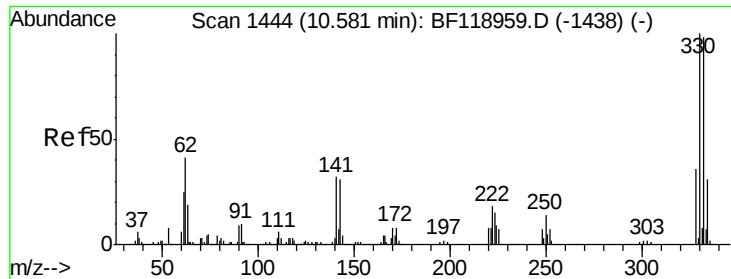
Tot Ion: 82 Resp: 351448
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF118984.D
Acq: 21 Feb 2020 3:24

Tgt Ion: 164 Resp: 309948
Ion Ratio Lower Upper
164 100
162 101.0 81.2 121.8
160 43.2 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 37.685 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF118984.D

Acq: 21 Feb 2020 3:24

Instrument :

BNA_F

ClientSampleId :

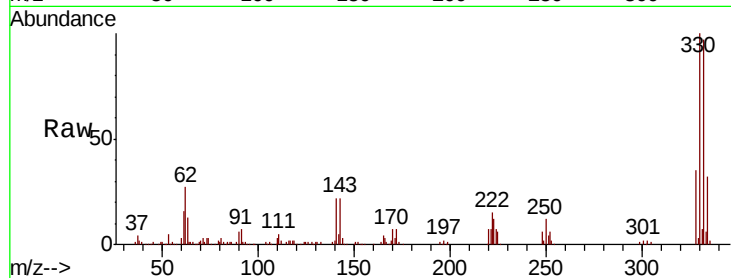
Tot Ion:330 Resp: 152800

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

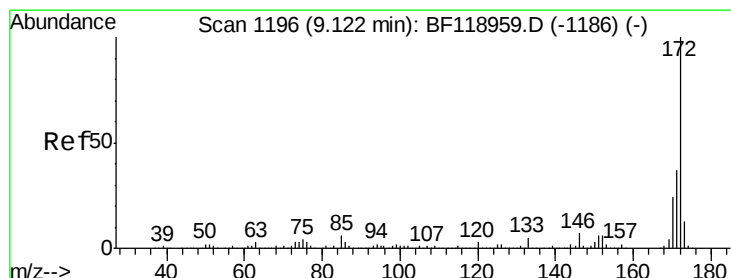
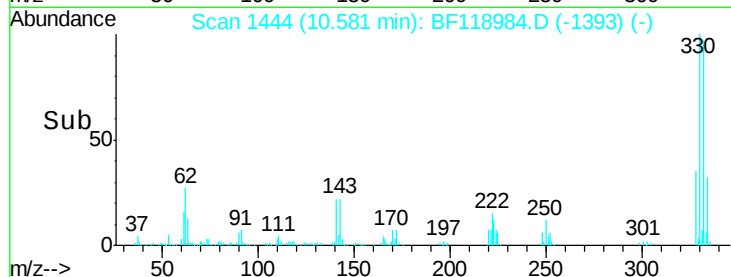
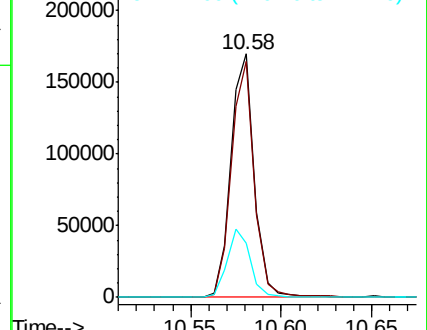
141 28.3 23.0 34.6



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: 35.059 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF118984.D

Acq: 21 Feb 2020 3:24

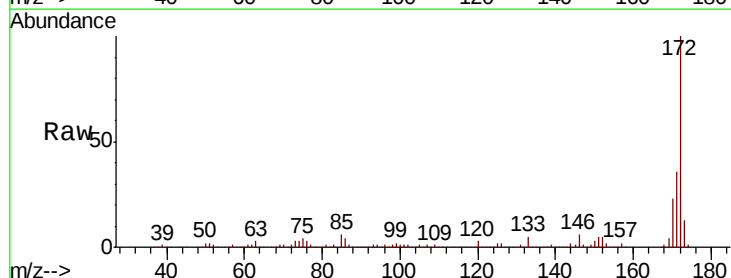
Tgt Ion:172 Resp: 737616

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.2

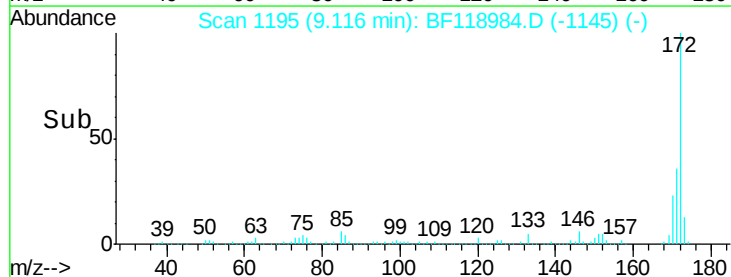
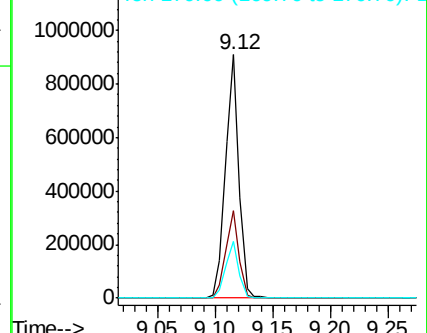
170 23.1 19.6 29.4

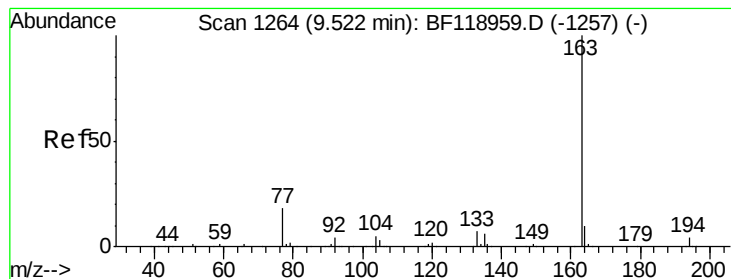


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.119 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF118984.D

Acq: 21 Feb 2020 3:24

Instrument :

BNA_F

ClientSampleId :

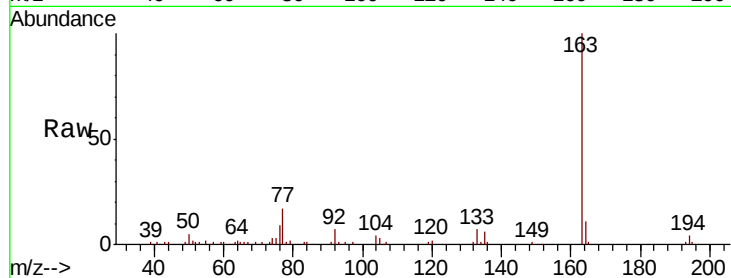
Tot Ion:163 Resp: 50219

Ion Ratio Lower Upper

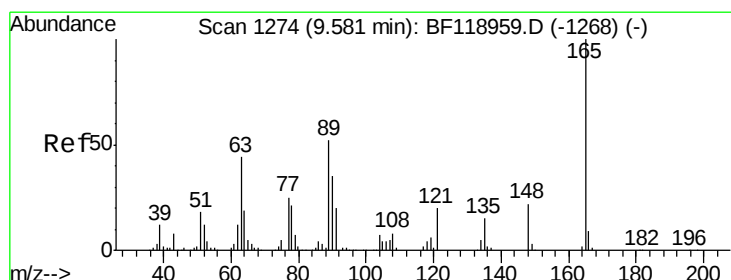
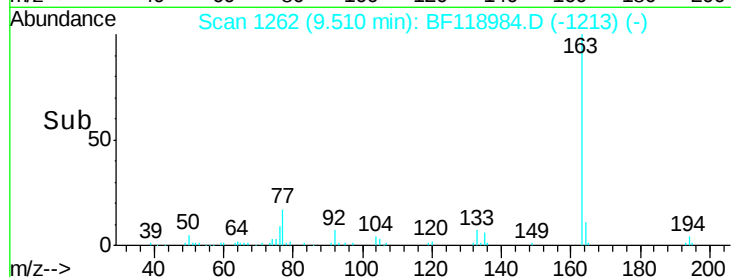
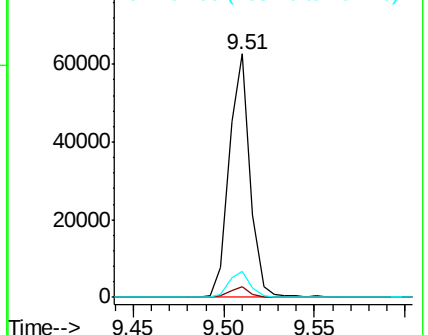
163 100

194 4.2 3.4 5.2

164 10.8 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



#51

2,6-Dinitrotoluene

Concen: 7.420 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF118984.D

Acq: 21 Feb 2020 3:24

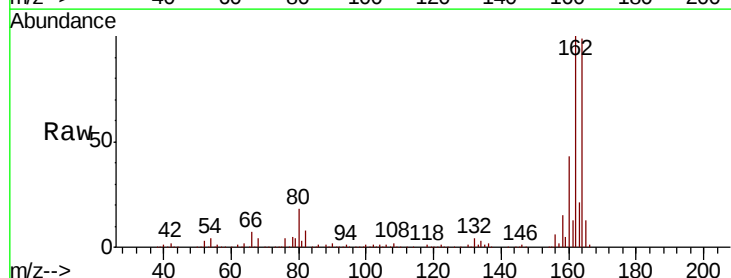
Tgt Ion:165 Resp: 39074

Ion Ratio Lower Upper

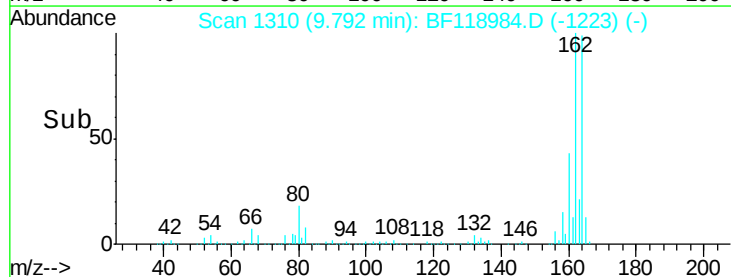
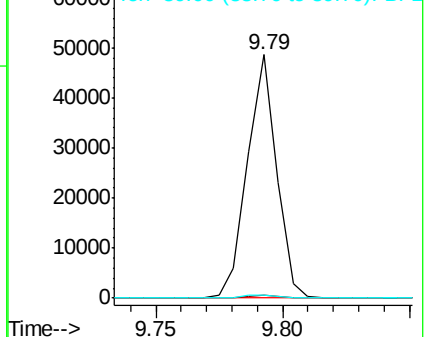
165 100

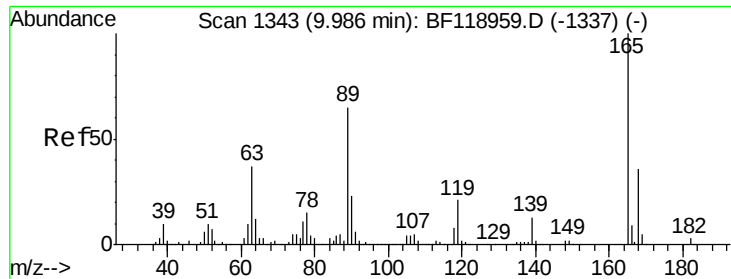
63 1.2 37.9 56.9#

89 1.3 41.4 62.0#



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

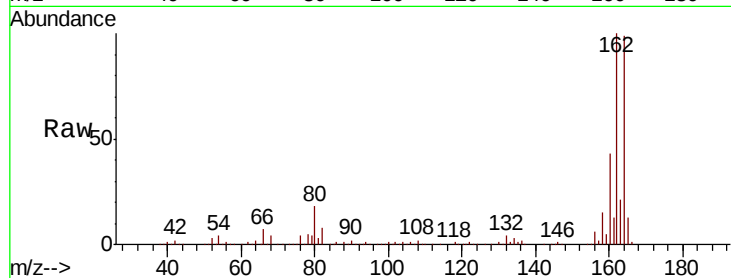




#57
2,4-Dinitrotoluene
Concen: 5.725 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF118984.D
Acq: 21 Feb 2020 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.8#
89	1.3	51.9	77.9#
182	0.0	2.3	3.5#

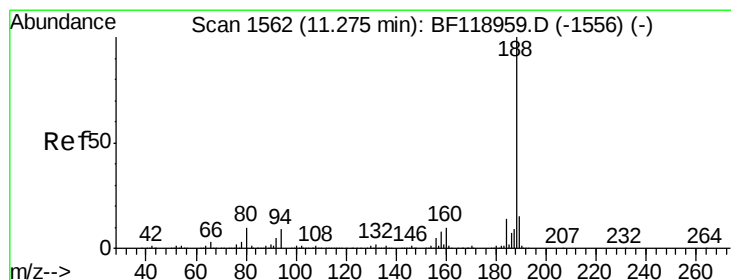
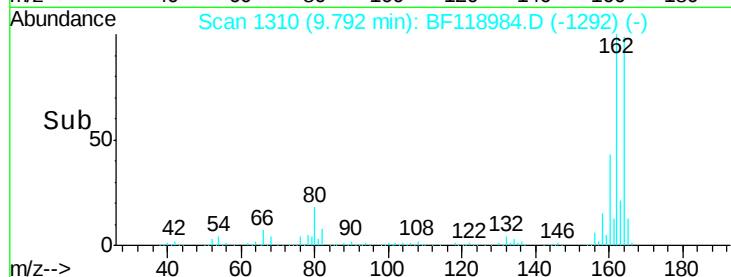
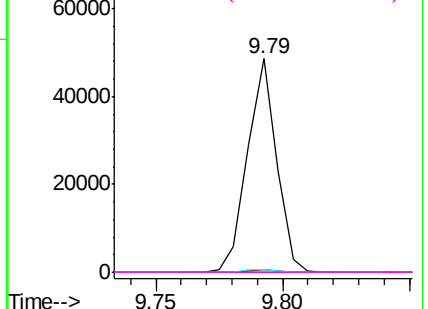


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

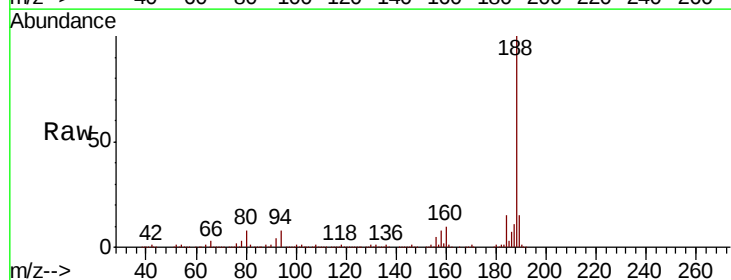
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF118984.D
Acq: 21 Feb 2020 3:24

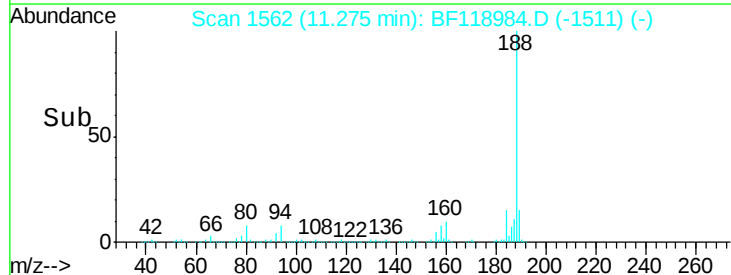
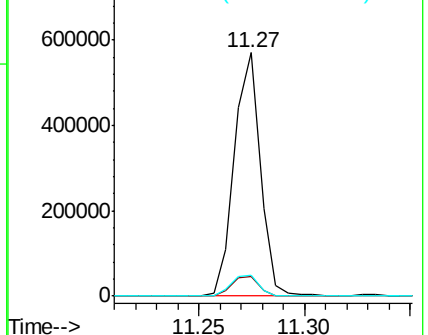
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	8.5	7.9	11.9

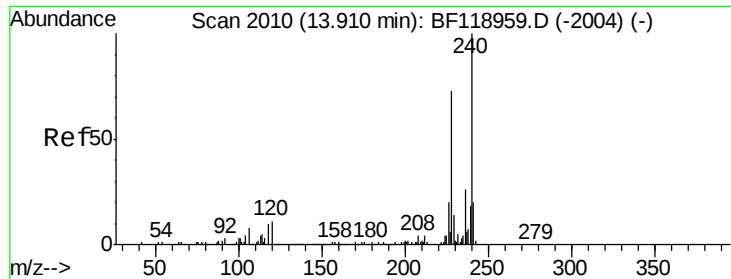


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

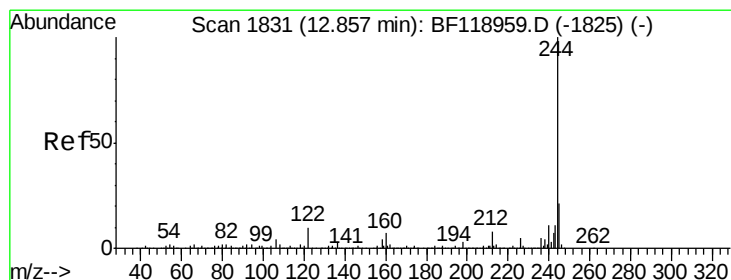
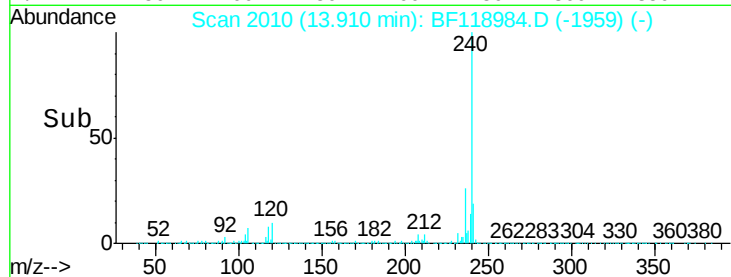
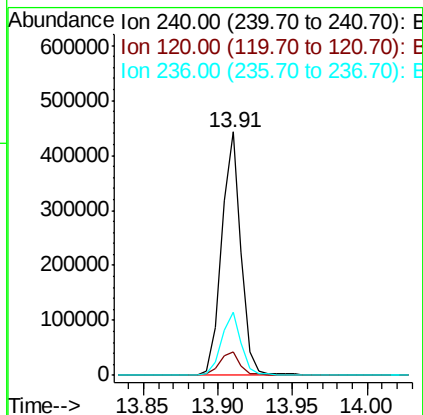
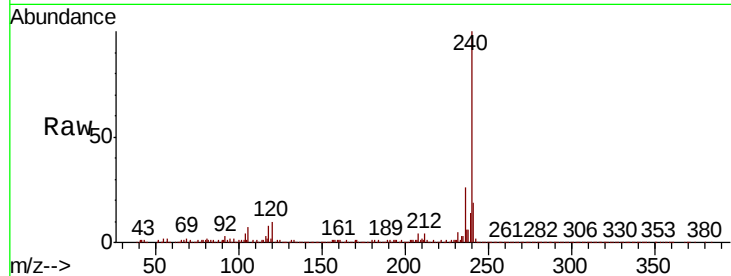




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF118984.D
 Acq: 21 Feb 2020 3:24

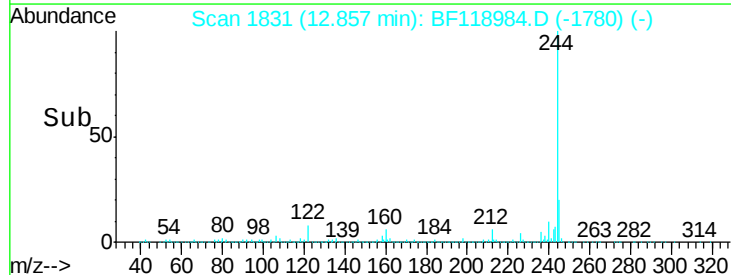
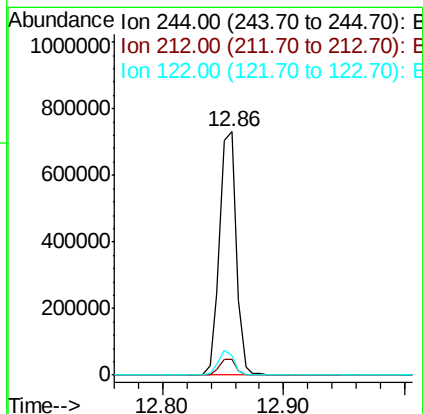
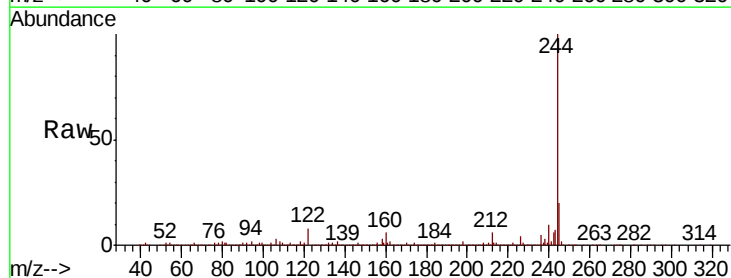
Instrument :
 BNA_F
 ClientSampleId :

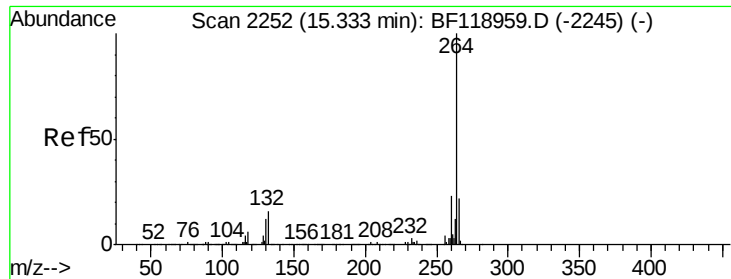
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.9	13.3
236	25.7	20.6	30.8



#79
 Terphenyl-d14
 Concen: 30.237 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF118984.D
 Acq: 21 Feb 2020 3:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.3	9.5
122	8.3	8.4	12.6#





#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: BF118984.D
 Acq: 21 Feb 2020 3:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.9	17.3	25.9

