

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118920.D
 Acq On : 13 Feb 2020 15:17
 Operator : CG/JU
 Sample : PB126794TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:35:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

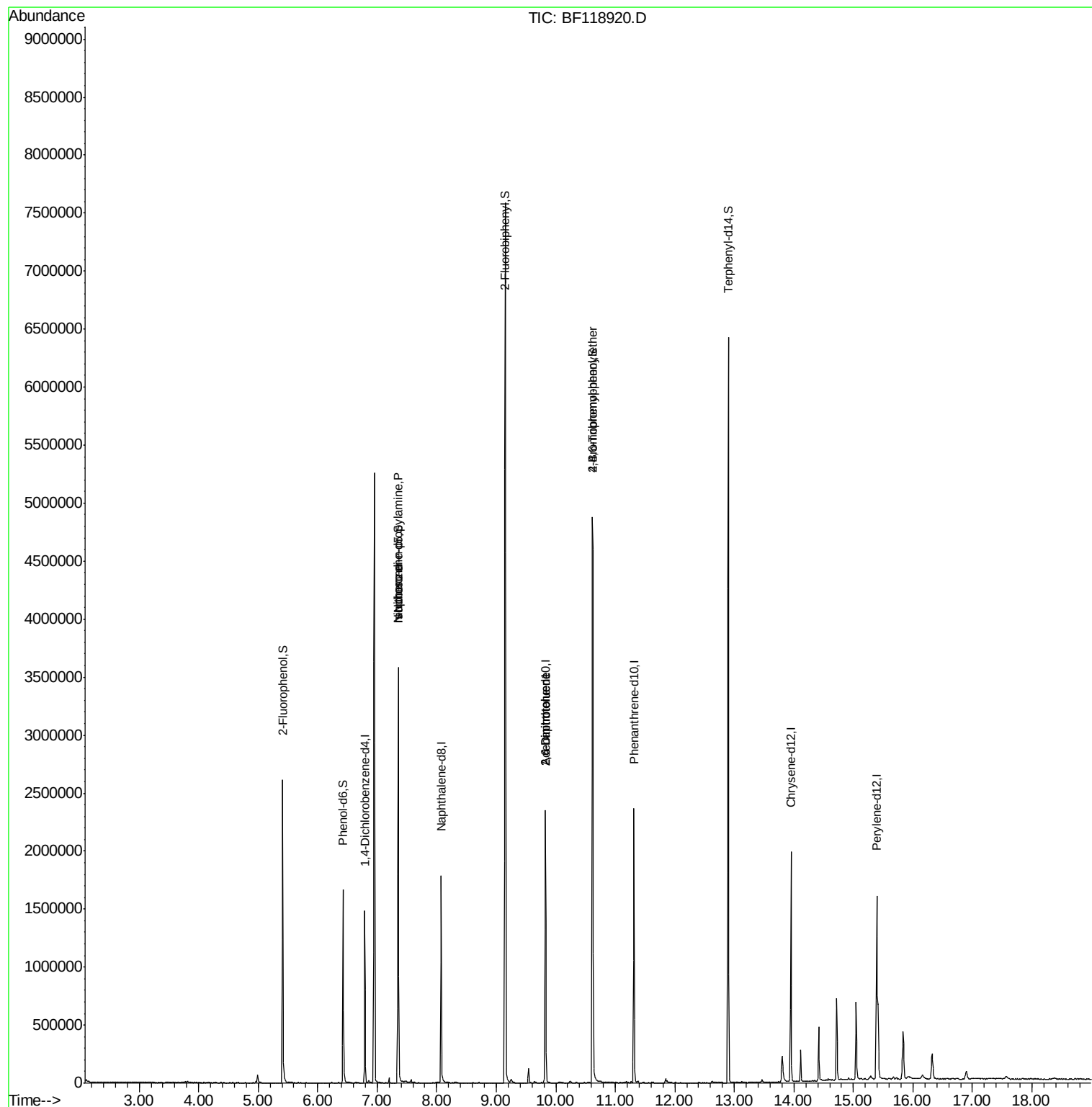
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	219147	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	821841	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	473293	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	940610	20.00	ng	-0.03
76) Chrysene-d12	13.95	240	716013	20.00	ng	-0.03
87) Perylene-d12	15.39	264	757644	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	760235	65.67	ng	-0.02
7) Phenol-d6	6.43	99	580635	40.40	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1305915	94.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	759807	134.17	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	2489158	94.02	ng	-0.03
79) Terphenyl-d14	12.90	244	2679437	76.87	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.35	77	543	Below Cal		Qvalue 85
19) n-Nitroso-di-n-propylamine	7.36	70	176359	20.056 ng	#	76
25) Isophorone	7.36	82	1305909	52.700 ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	60311	8.179 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	60313	6.181 ng	#	34
67) 4-Bromophenyl-phenylether	10.62	248	48409	4.351 ng	#	1

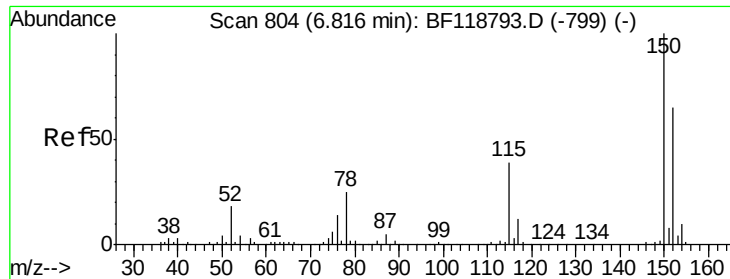
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
Data File : BF118920.D
Acq On : 13 Feb 2020 15:17
Operator : CG/JU
Sample : PB126794TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 14 00:35:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



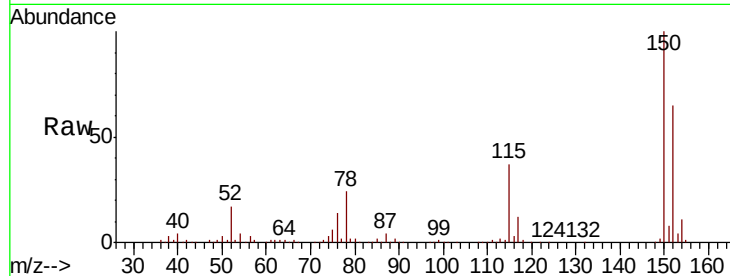


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118920.D
Acq: 13 Feb 2020 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.6	185.4
115	57.1	48.2	72.2

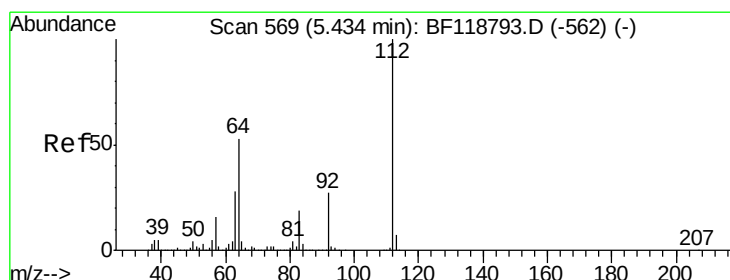
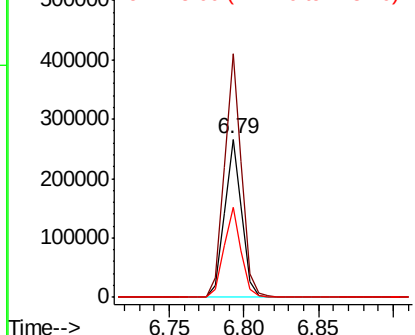
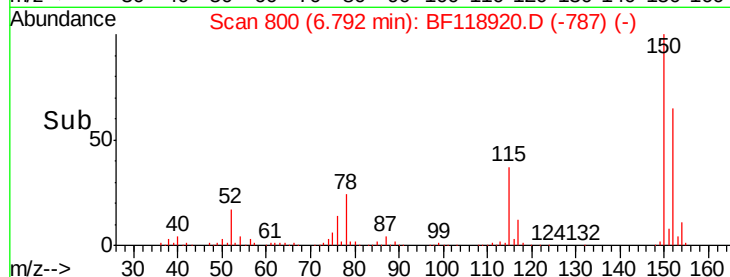


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

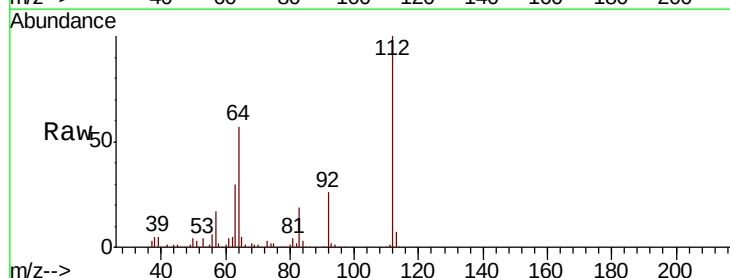
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.667 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF118920.D
Acq: 13 Feb 2020 15:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	42.6	63.8
63	29.6	22.2	33.4

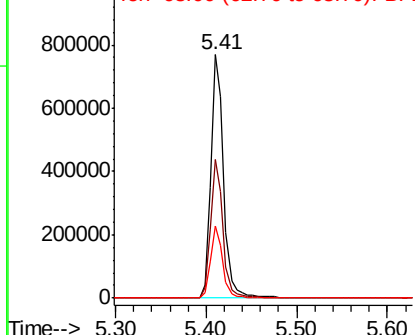
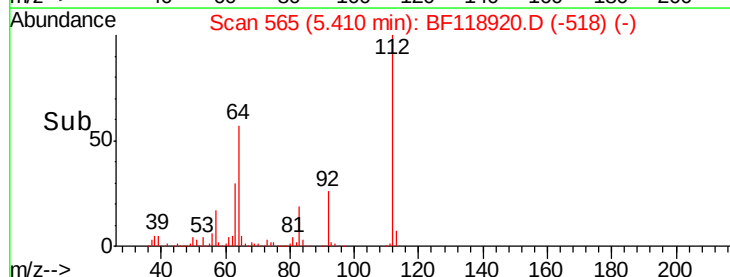


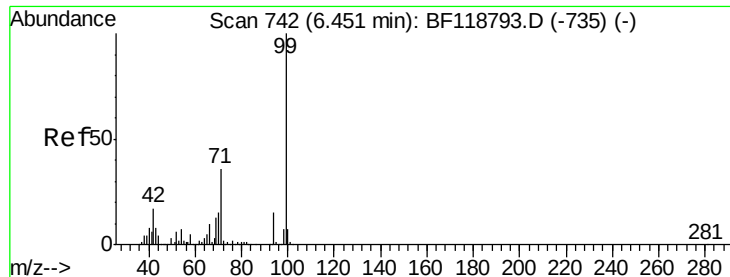
Abundance

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: 40.402 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

Instrument :

BNA_F

ClientSampleId :

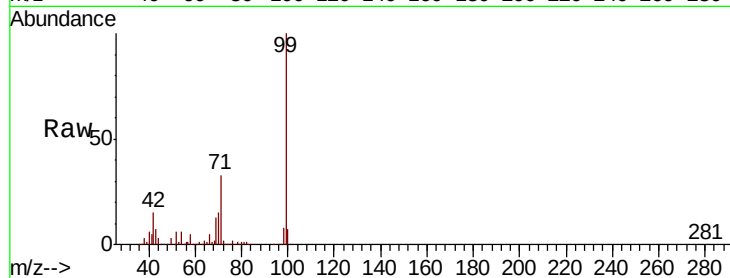
Tot Ion: 99 Resp: 580635

Ion Ratio Lower Upper

99 100

42 15.2 13.4 20.0

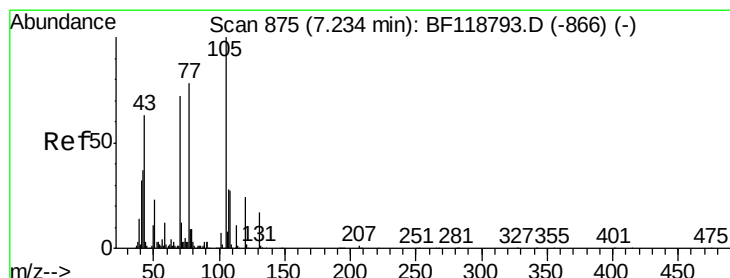
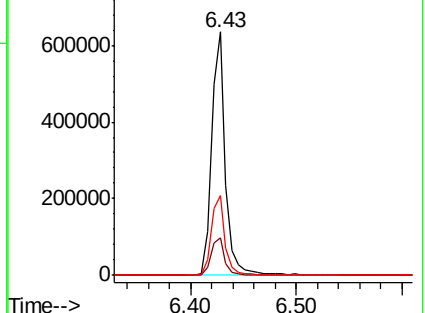
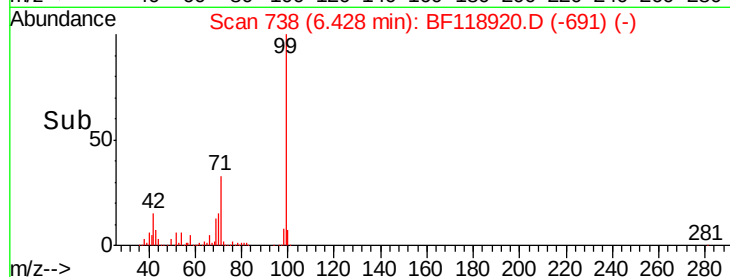
71 33.0 29.0 43.6



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: 20.056 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.12 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

Tgt Ion: 70 Resp: 176359

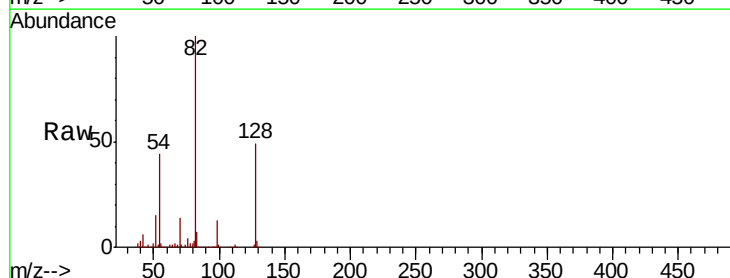
Ion Ratio Lower Upper

70 100

42 41.9 41.5 62.3

101 0.0 8.3 12.5#

130 2.4 19.2 28.8#

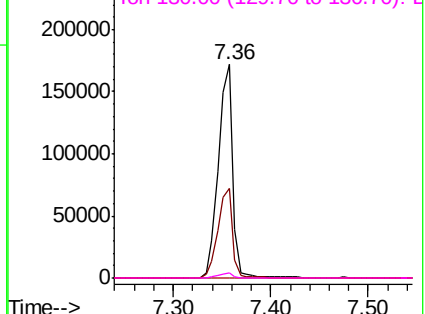
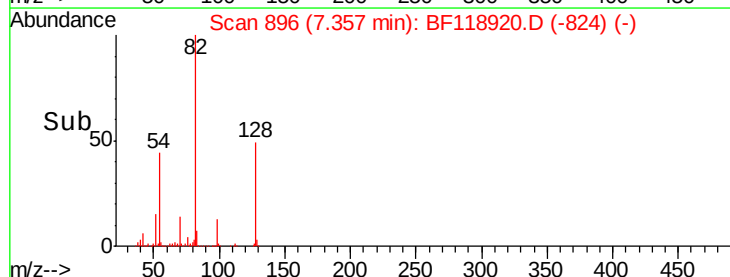


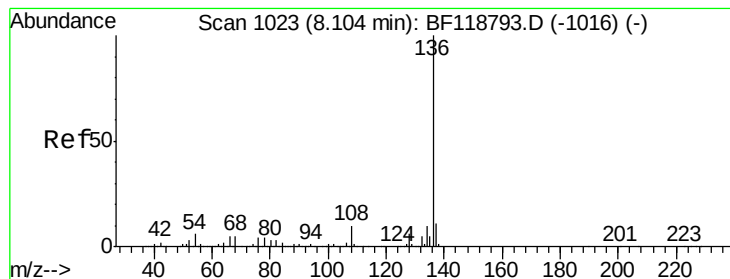
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.07 min Scan# 1018

Delta R.T. -0.03 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 821841

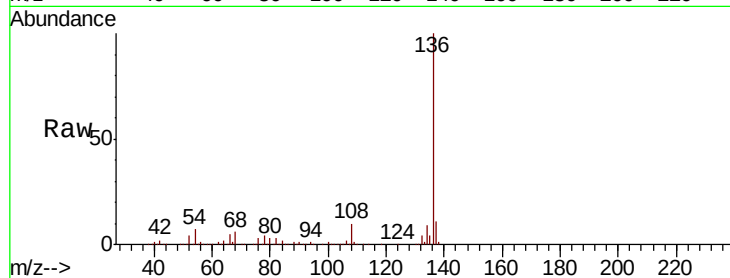
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.8 5.0 7.6

68 6.1 4.2 6.4

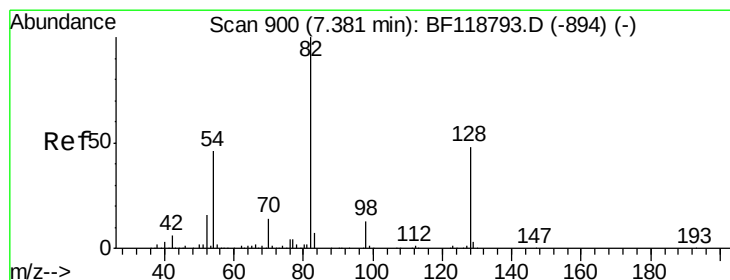
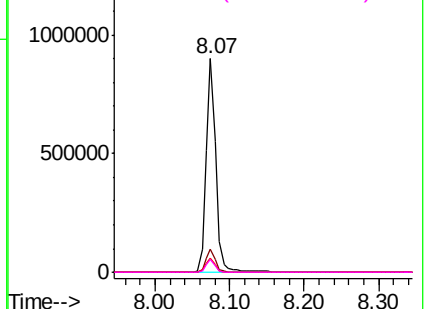
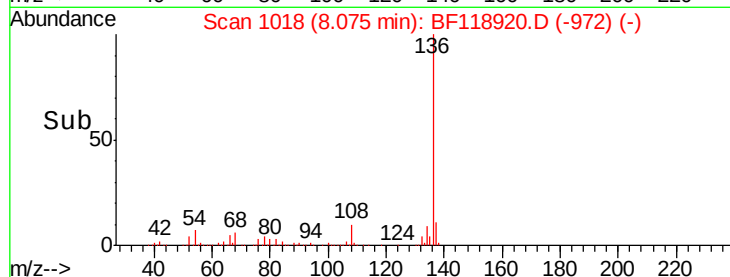


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.713 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

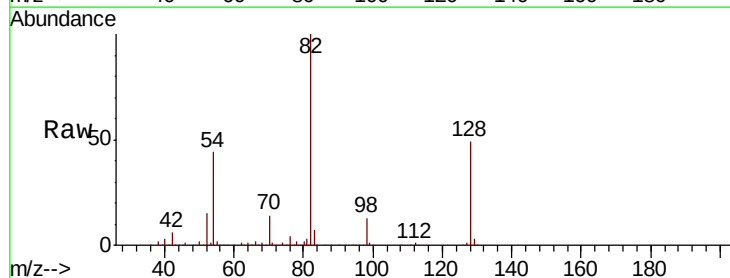
Tgt Ion: 82 Resp: 1305915

Ion Ratio Lower Upper

82 100

128 48.9 38.5 57.7

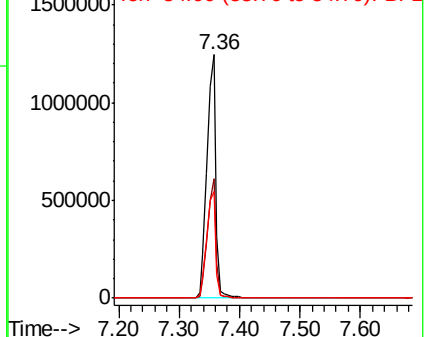
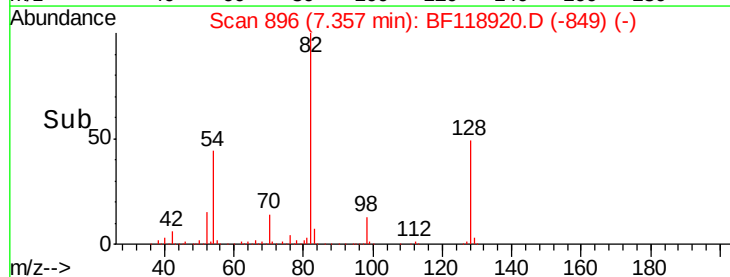
54 43.9 36.7 55.1

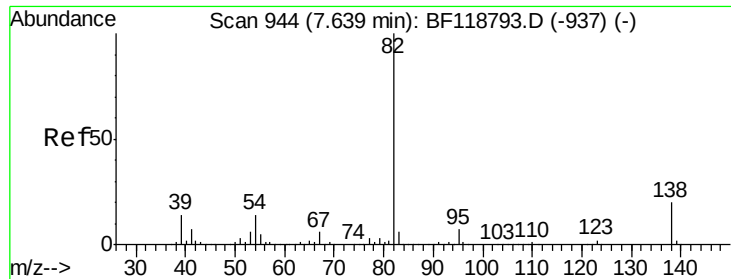


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.700 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

Instrument :

BNA_F

ClientSampleId :

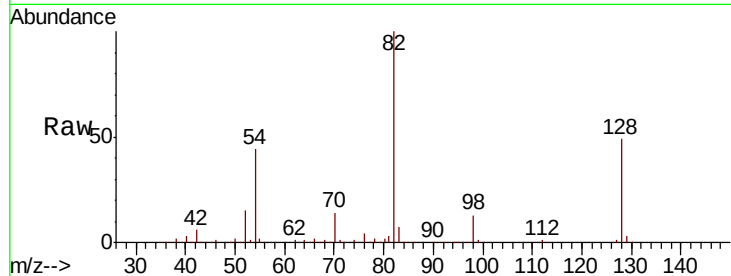
Tot Ion: 82 Resp: 1305909

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

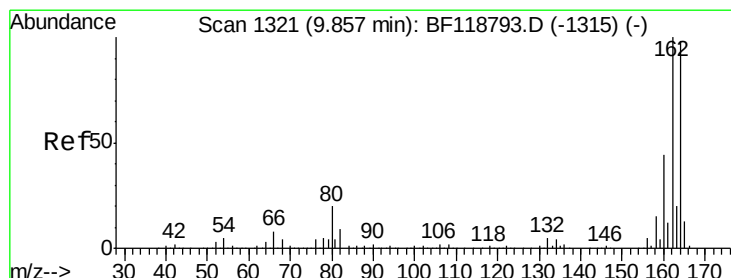
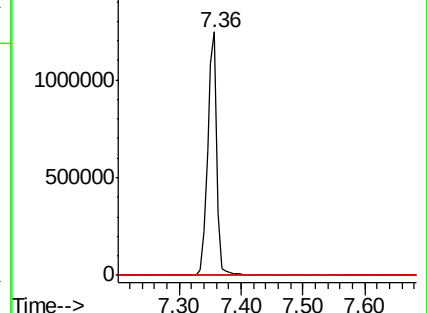
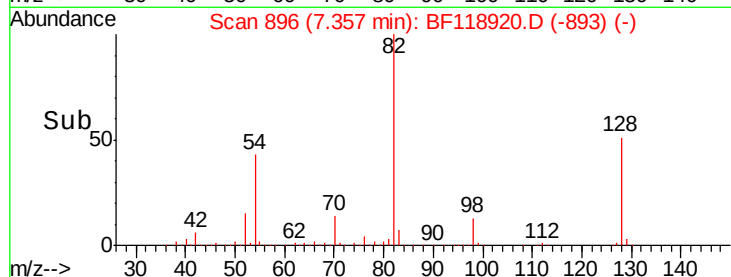
138 0.0 15.7 23.5#



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# 1316

Delta R.T. -0.03 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

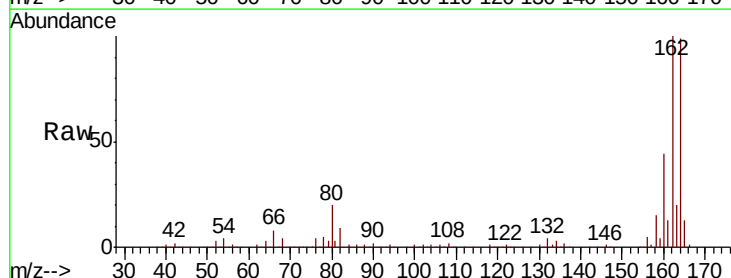
Tgt Ion: 164 Resp: 473293

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.2

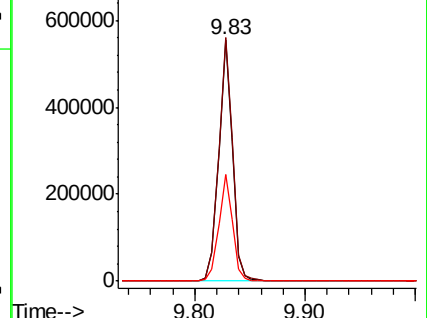
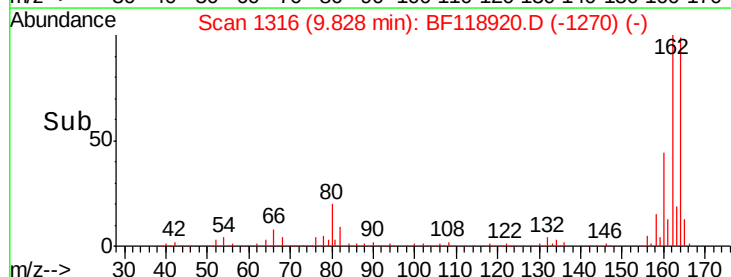
160 44.2 35.6 53.4

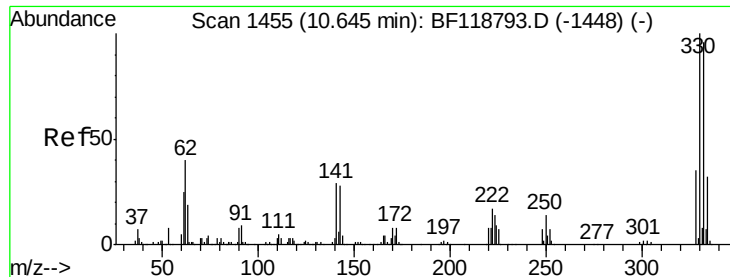


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 134.168 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

Instrument :

BNA_F

ClientSampled :

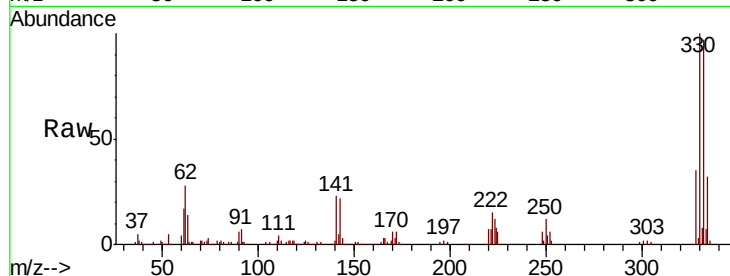
Tot Ion:330 Resp: 759807

Ion Ratio Lower Upper

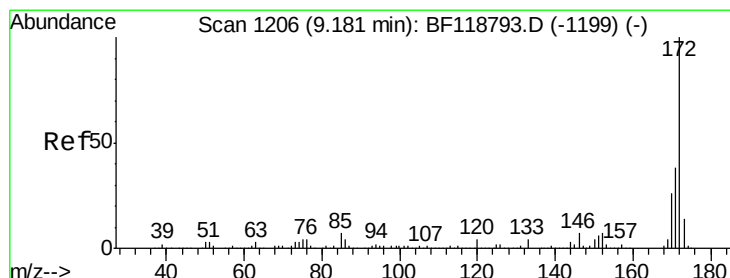
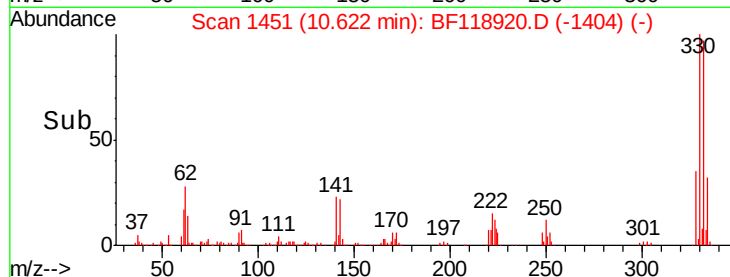
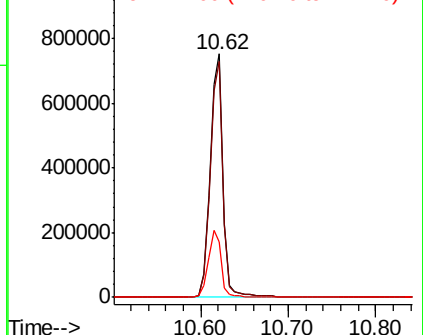
330 100

332 96.5 77.3 115.9

141 28.0 22.4 33.6



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: 94.019 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

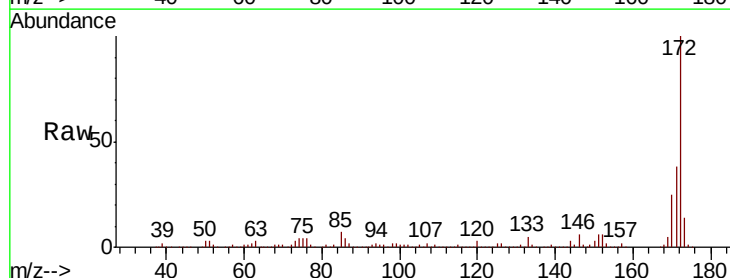
Tgt Ion:172 Resp: 2489158

Ion Ratio Lower Upper

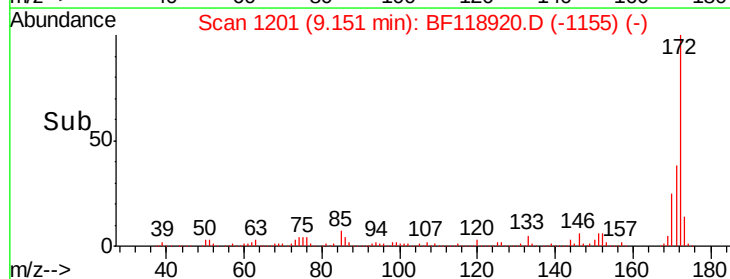
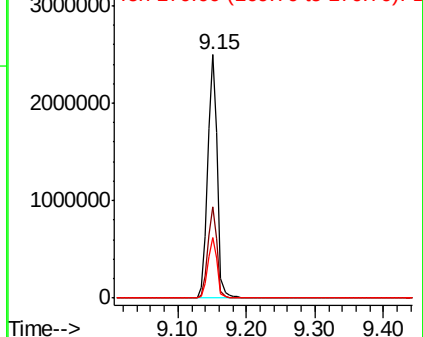
172 100

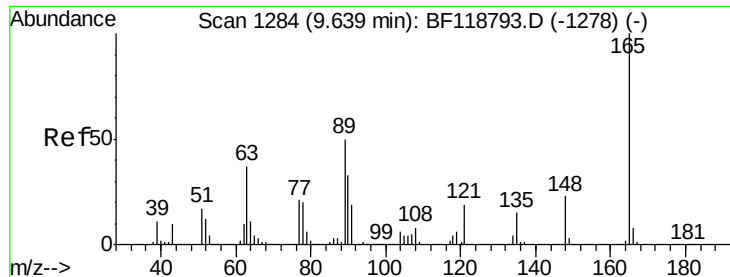
171 37.6 30.8 46.2

170 25.1 20.5 30.7



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

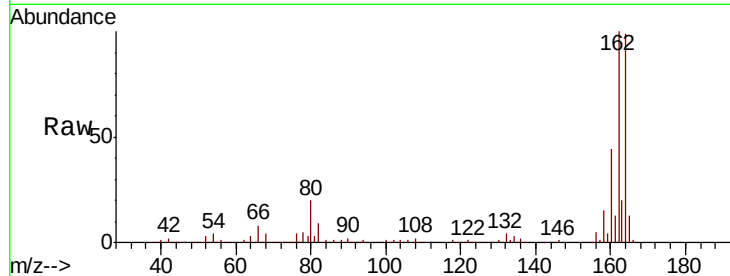




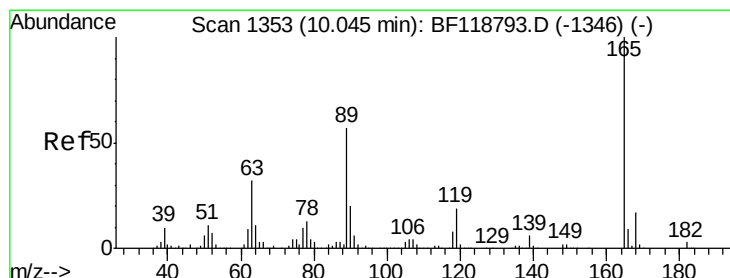
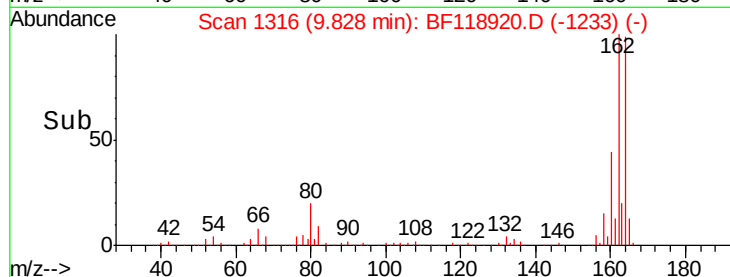
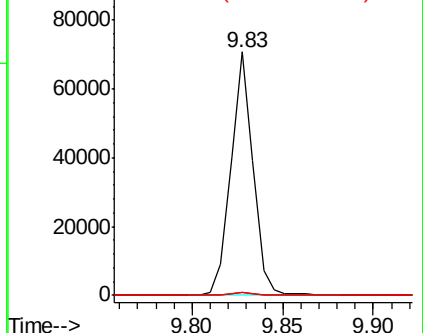
#51
 2,6-Dinitrotoluene
 Concen: 8.179 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF118920.D
 Acq: 13 Feb 2020 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.4	56.0#
89	1.1	39.7	59.5#



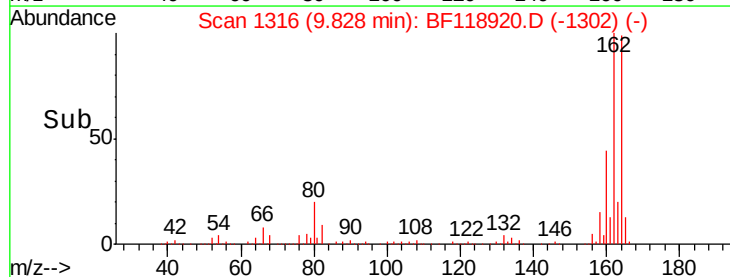
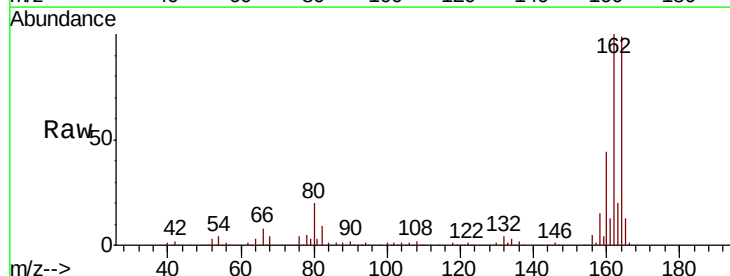
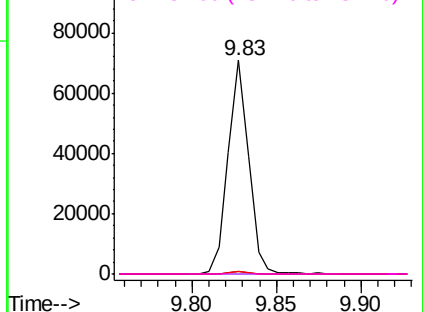
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

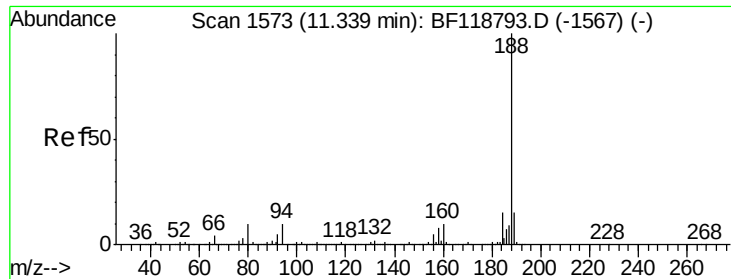


#57
 2,4-Dinitrotoluene
 Concen: 6.181 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF118920.D
 Acq: 13 Feb 2020 15:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.5	38.3#
89	1.1	45.4	68.0#
182	0.0	2.4	3.6#

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: 11.31 min Scan# 1568

Delta R.T. -0.03 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

Instrument :

BNA_F

ClientSampleId :

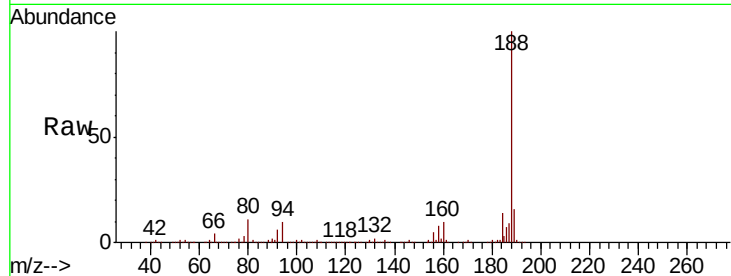
Tot Ion:188 Resp: 940610

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

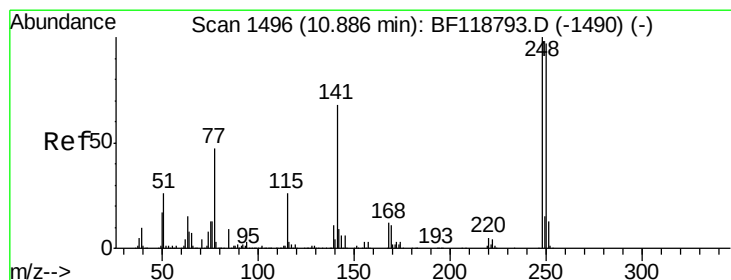
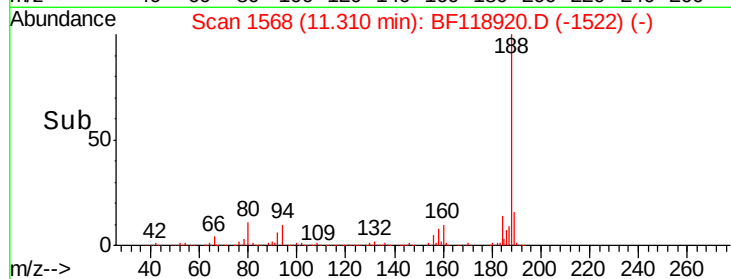
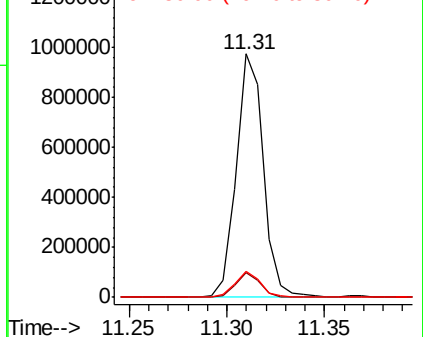
80 10.7 8.4 12.6



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



#67

4-Bromophenyl-phenylether

Concen: 4.351 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.27 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

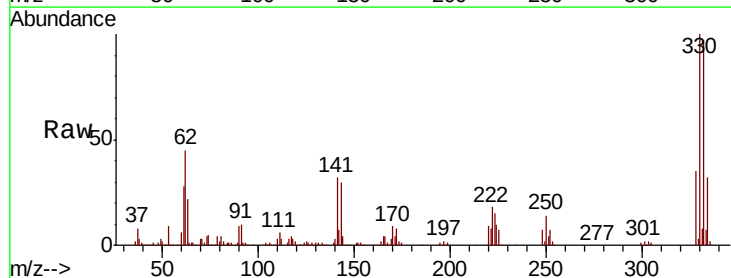
Tgt Ion:248 Resp: 48409

Ion Ratio Lower Upper

248 100

250 198.5 77.6 116.4#

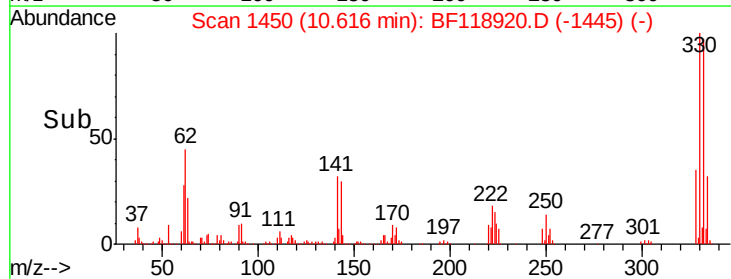
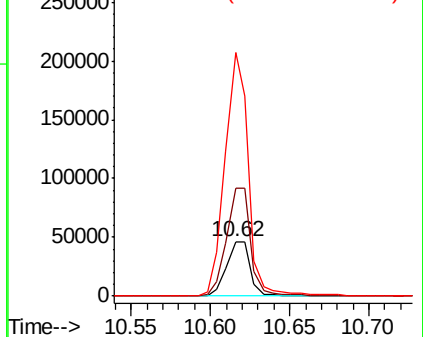
141 445.6 54.4 81.6#

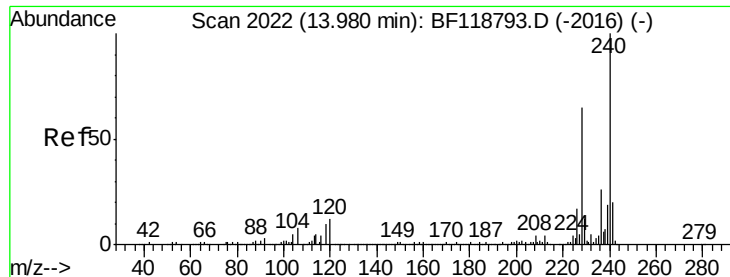


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

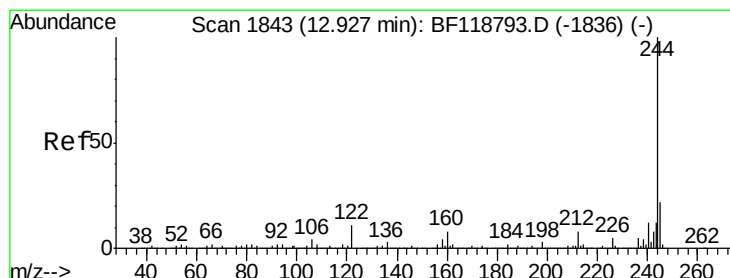
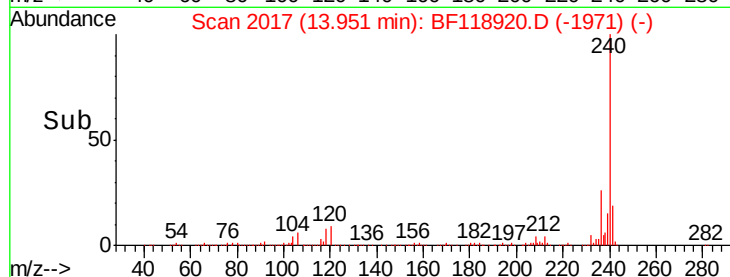
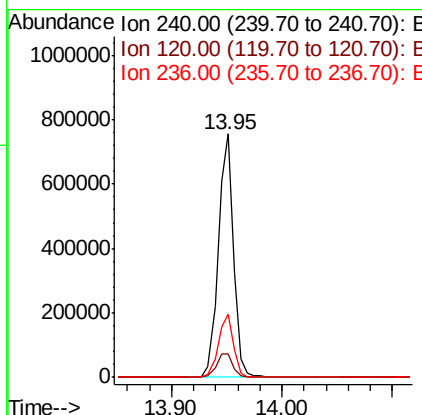
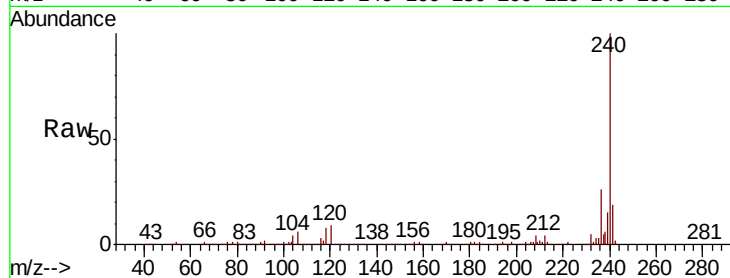




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.03 min
 Lab File: BF118920.D
 Acq: 13 Feb 2020 15:17

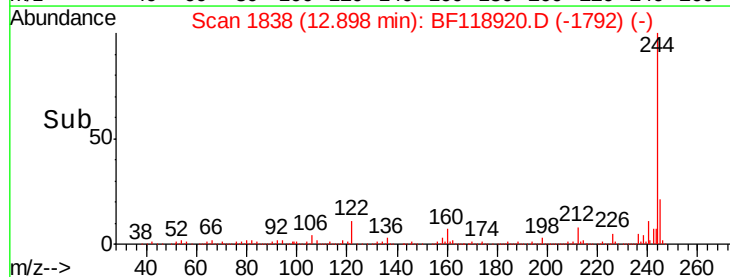
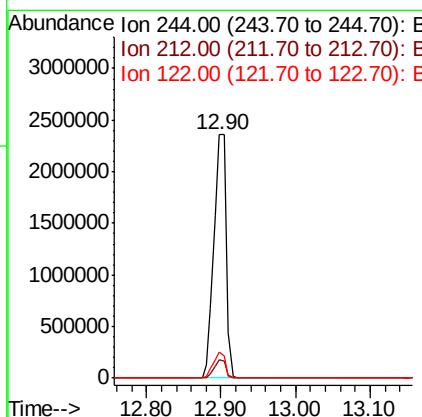
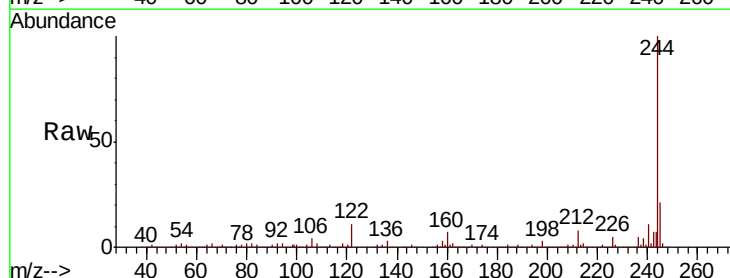
Instrument :
 BNA_F
 ClientSampleId :

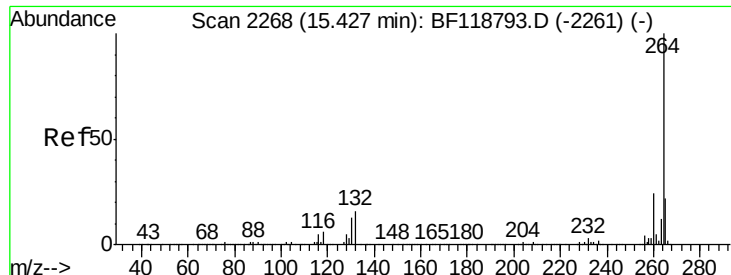
Tot Ion:240 Resp: 716013
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.4 14.0
 236 26.0 21.0 31.6



#79
 Terphenyl-d14
 Concen: 76.866 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.03 min
 Lab File: BF118920.D
 Acq: 13 Feb 2020 15:17

Tgt Ion:244 Resp: 2679437
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 10.9 8.9 13.3

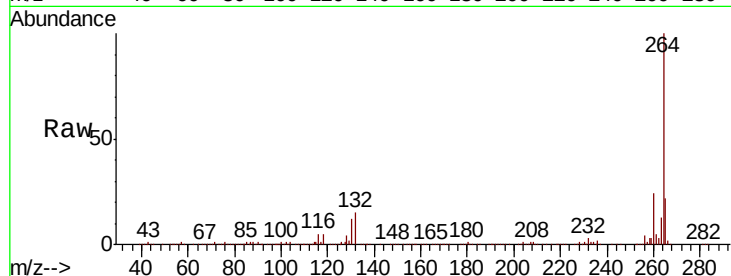




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.04 min
Lab File: BF118920.D
Acq: 13 Feb 2020 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.9	17.2	25.8



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

