

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118923.D
 Acq On : 13 Feb 2020 16:53
 Operator : CG/JU
 Sample : L1493-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:36:07 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

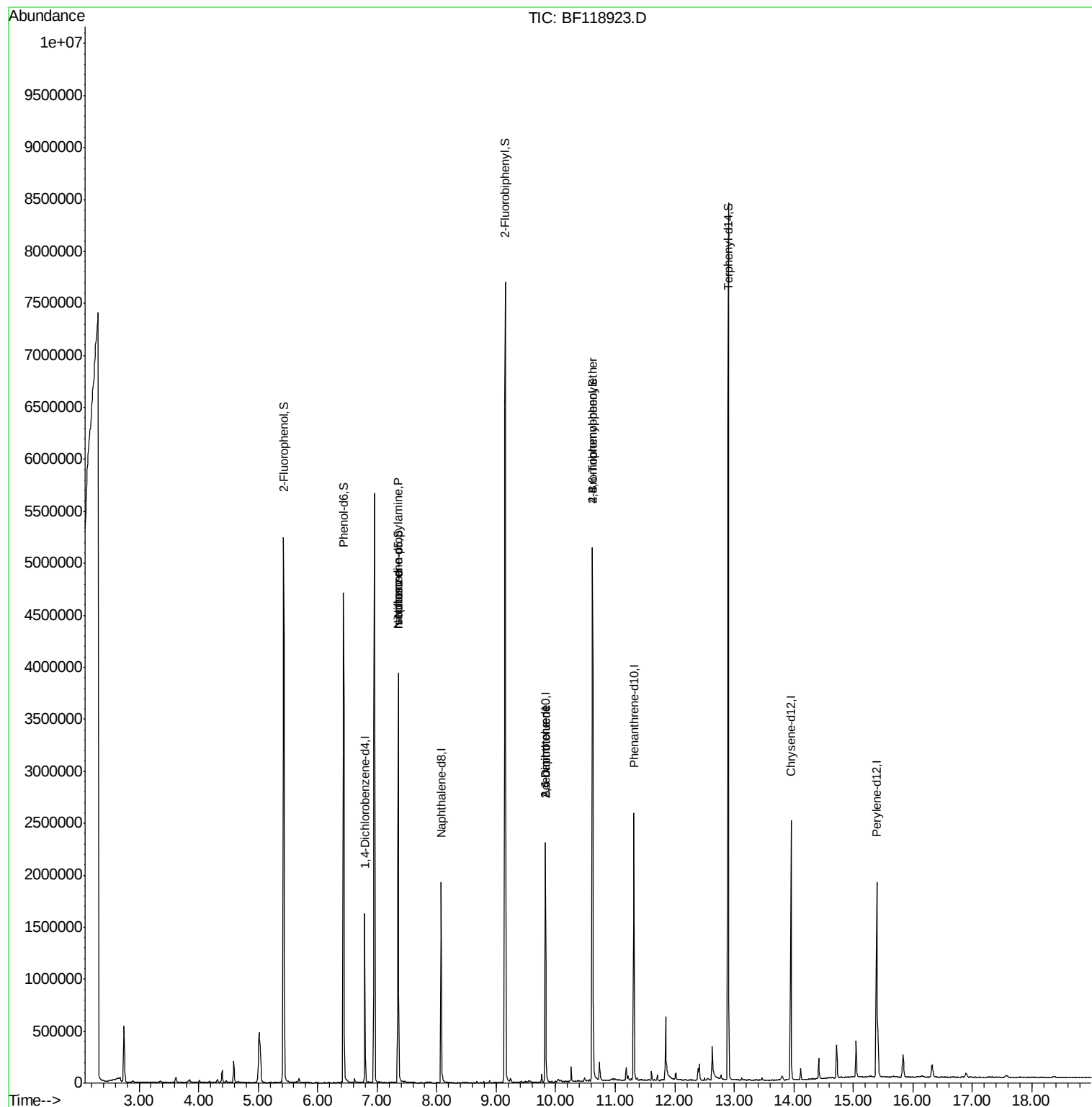
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	237735	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	912679	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	507172	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	976828	20.00	ng	-0.03
76) Chrysene-d12	13.95	240	958139	20.00	ng	-0.03
87) Perylene-d12	15.39	264	965935	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1600471	127.44	ng	0.00
7) Phenol-d6	6.43	99	1792527	114.98	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1438575	93.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	805184	132.68	ng	-0.03
45) 2-Fluorobiphenyl	9.15	172	2705168	95.35	ng	-0.03
79) Terphenyl-d14	12.90	244	3537732	75.84	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.35	77	238	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	195912	20.538 ng	#	1
25) Isophorone	7.36	82	1438568	52.275 ng	#	75
51) 2,6-Dinitrotoluene	9.83	165	65812	8.329 ng	#	63
57) 2,4-Dinitrotoluene	9.83	165	65813	6.294 ng	#	30
67) 4-Bromophenyl-phenylether	10.62	248	51338	4.443 ng	#	33
					#	1

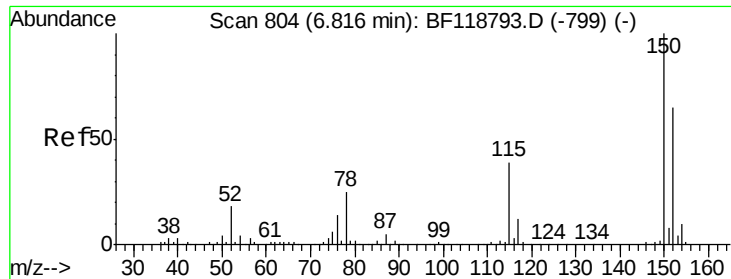
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Feb 14 00:36:07 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



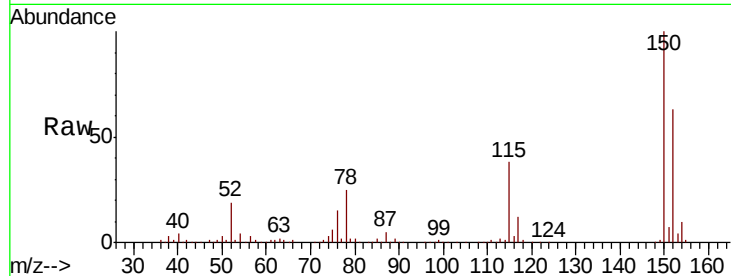


#1

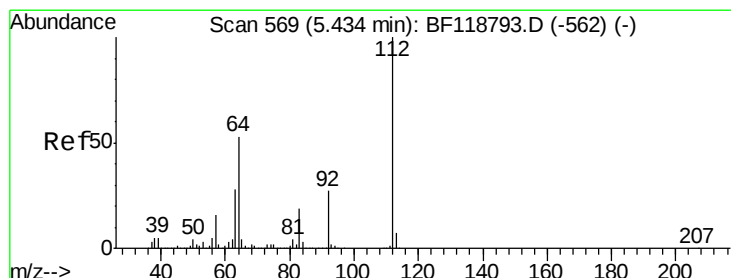
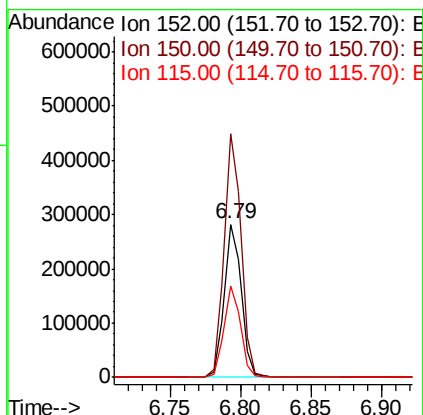
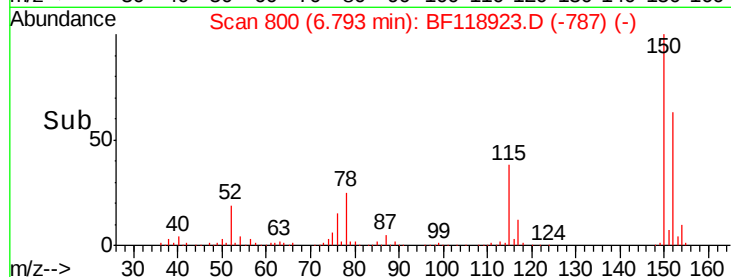
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 237735
 Ion Ratio Lower Upper
 152 100
 150 158.8 123.6 185.4
 115 59.6 48.2 72.2



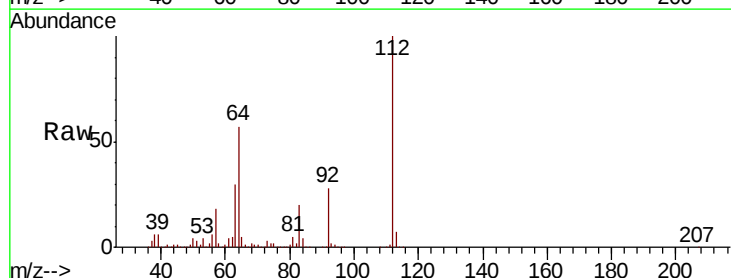
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



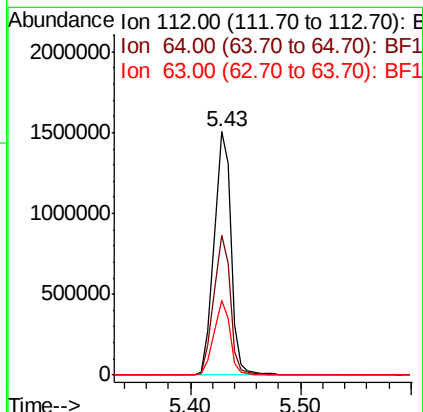
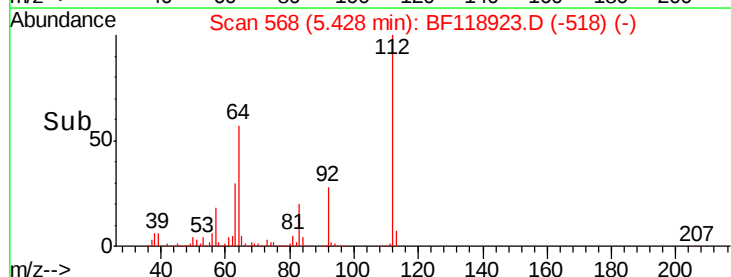
#5

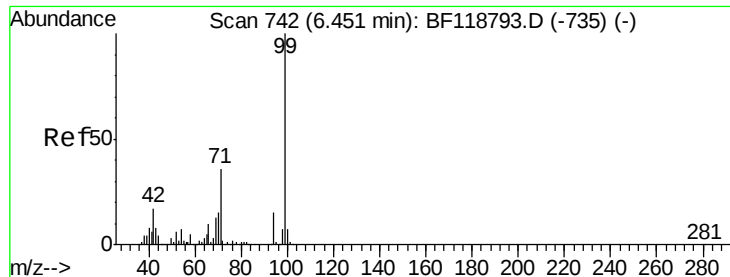
2-Fluorophenol
 Concen: 127.435 ng
 RT: 5.43 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Tgt Ion:112 Resp: 1600471
 Ion Ratio Lower Upper
 112 100
 64 57.5 42.6 63.8
 63 30.5 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: 114.977 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118923.D

Acq: 13 Feb 2020 16:53

Instrument :

BNA_F

ClientSampled :

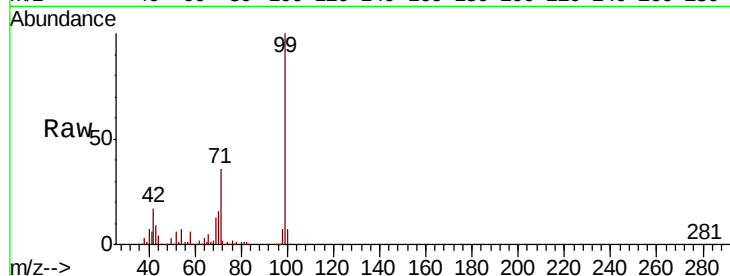
Tot Ion: 99 Resp: 1792527

Ion Ratio Lower Upper

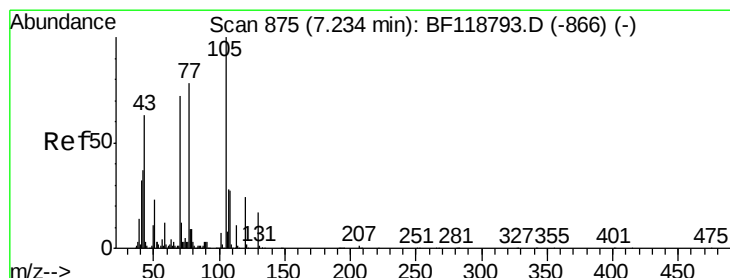
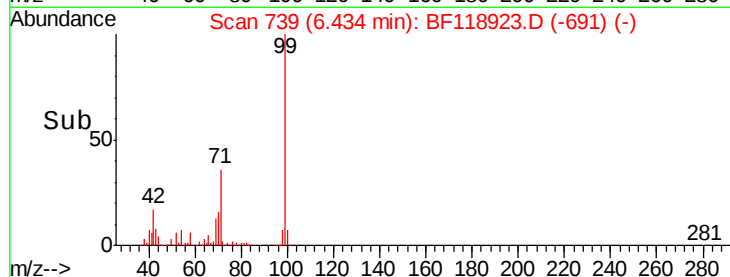
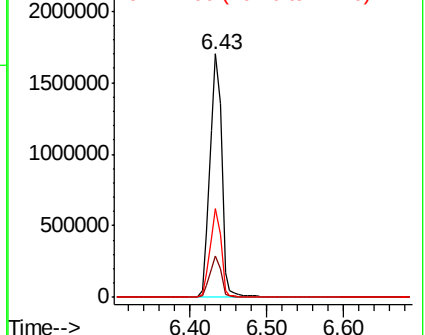
99 100

42 17.2 13.4 20.0

71 36.5 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: 20.538 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.12 min

Lab File: BF118923.D

Acq: 13 Feb 2020 16:53

Tgt Ion: 70 Resp: 195912

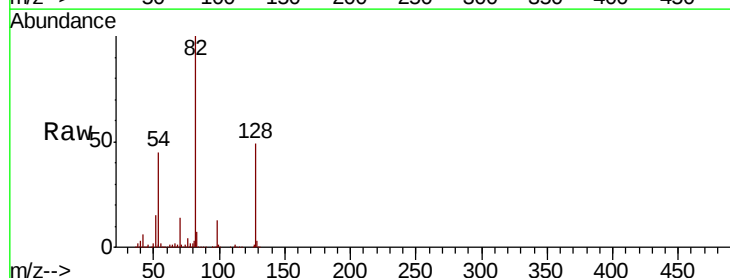
Ion Ratio Lower Upper

70 100

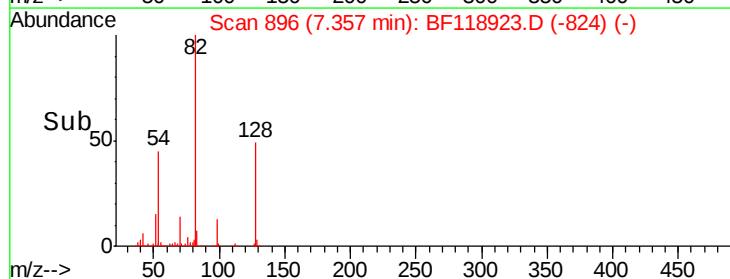
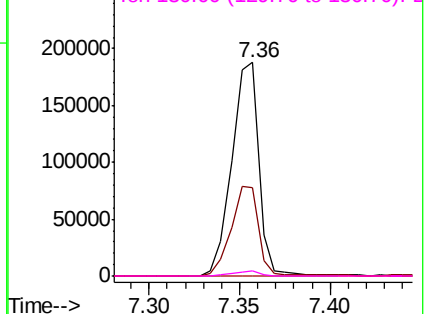
42 41.1 41.5 62.3#

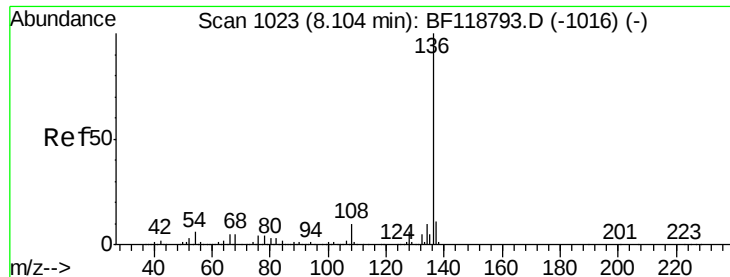
101 0.0 8.3 12.5#

130 2.2 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

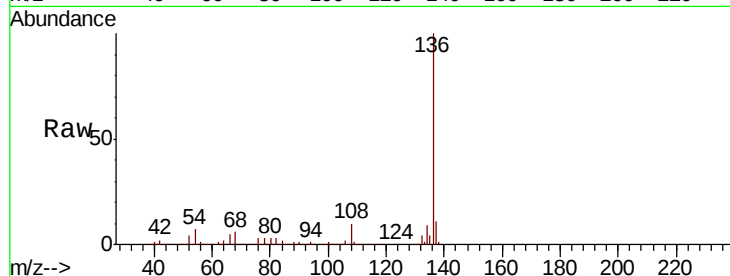




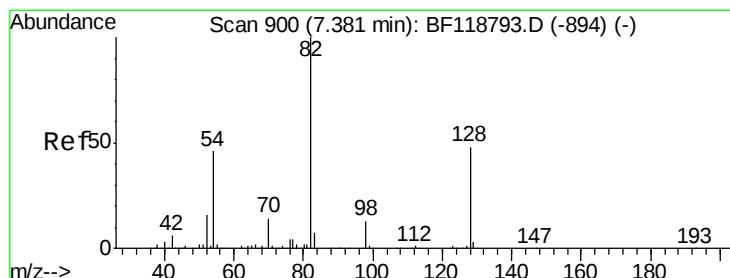
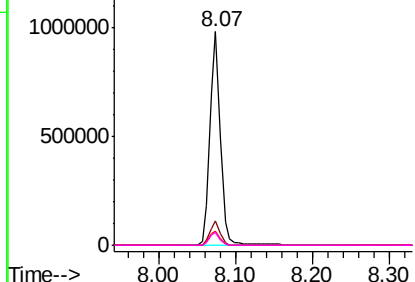
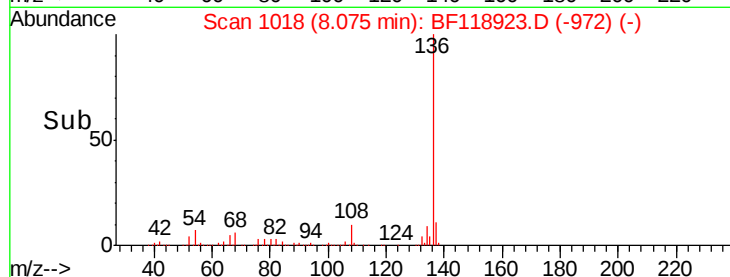
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.03 min
Lab File: BF118923.D
Acq: 13 Feb 2020 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	912679
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.7	13.1
54 6.6	5.0	7.6
68 6.0	4.2	6.4

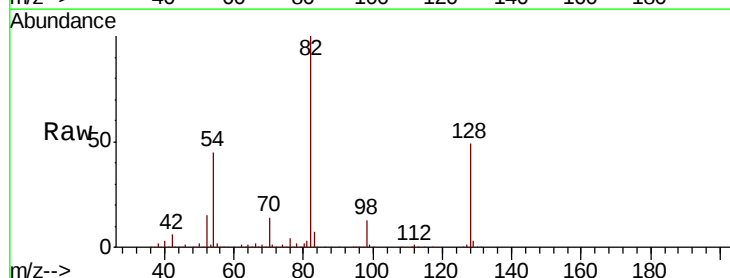


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

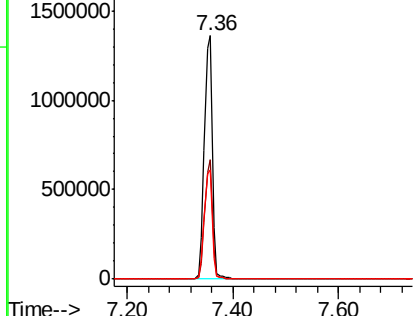
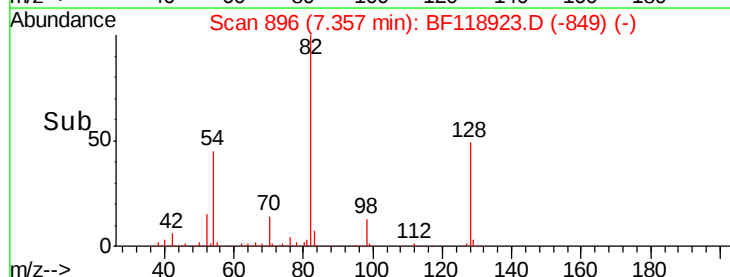


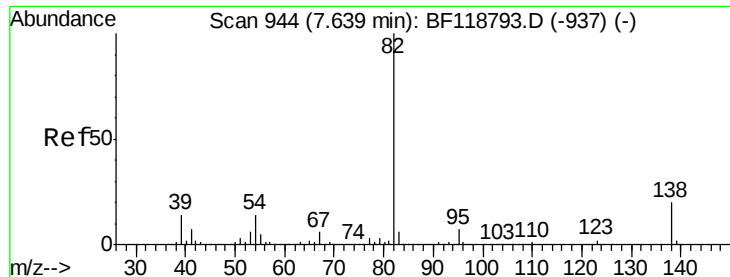
#23
Nitrobenzene-d5
Concen: 93.950 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118923.D
Acq: 13 Feb 2020 16:53

Tgt Ion: 82	Resp: 1438575
Ion Ratio	Lower Upper
82 100	
128 49.3	38.5 57.7
54 44.6	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

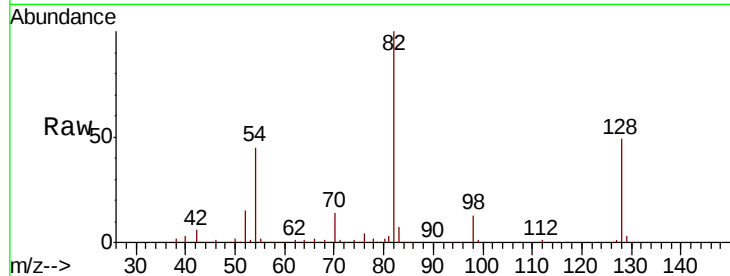




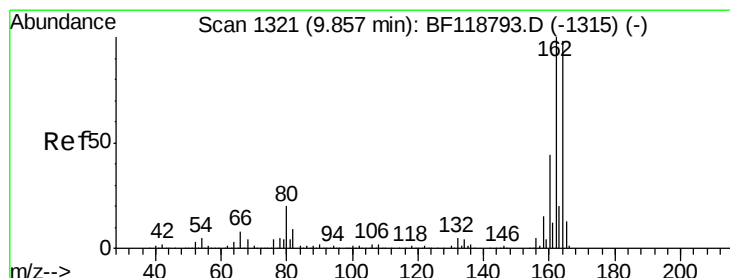
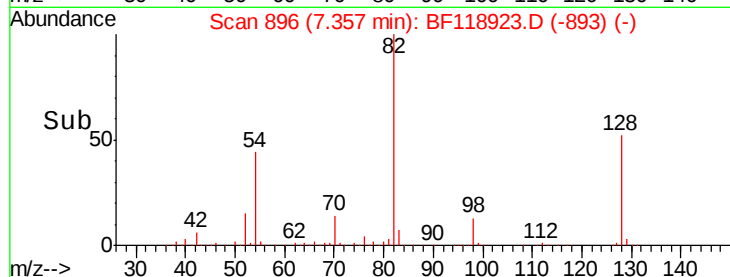
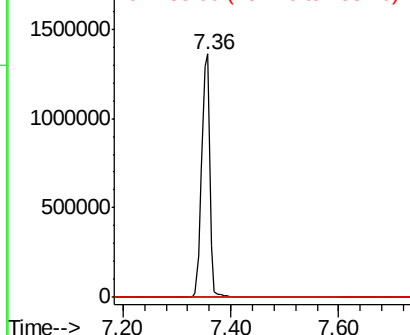
#25
Isophorone
Concen: 52.275 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF118923.D
Acq: 13 Feb 2020 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1438568
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.7 23.5#

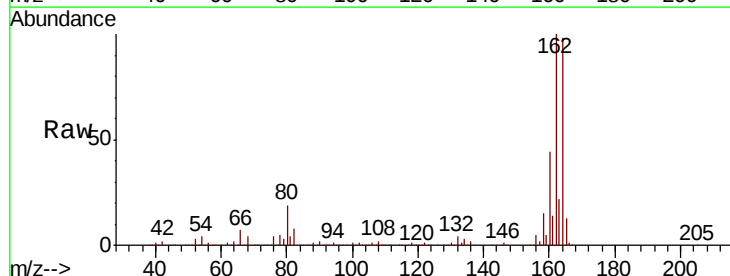


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

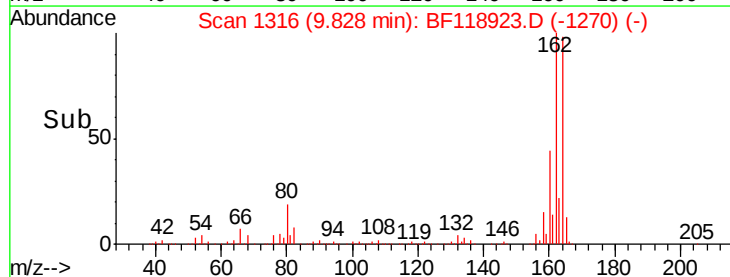
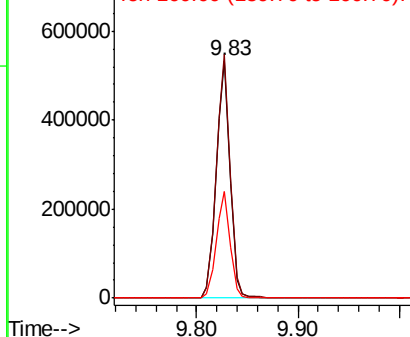


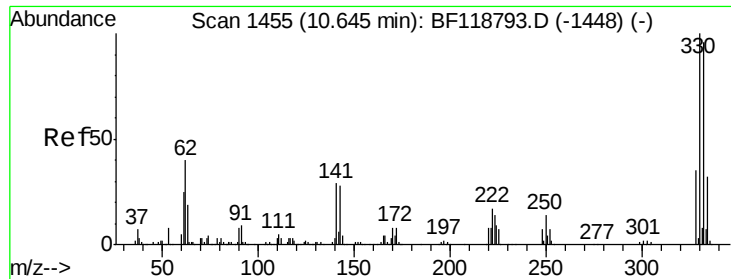
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF118923.D
Acq: 13 Feb 2020 16:53

Tgt Ion:164 Resp: 507172
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.2
160 44.7 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

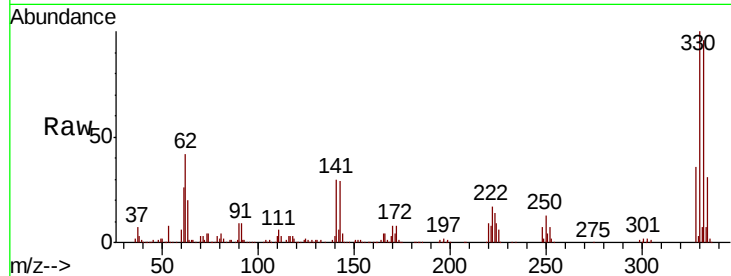




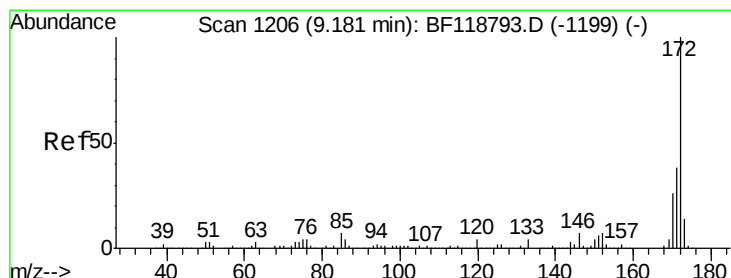
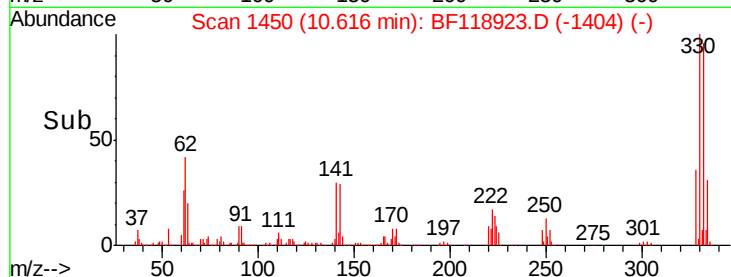
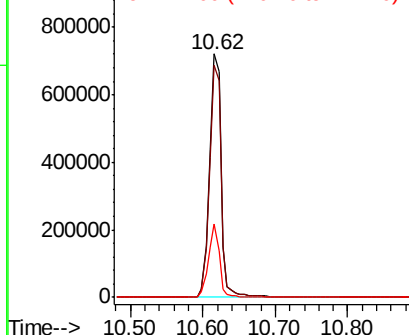
#42
 2,4,6-Tribromophenol
 Concen: 132.684 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.03 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 805184
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 28.2 22.4 33.6

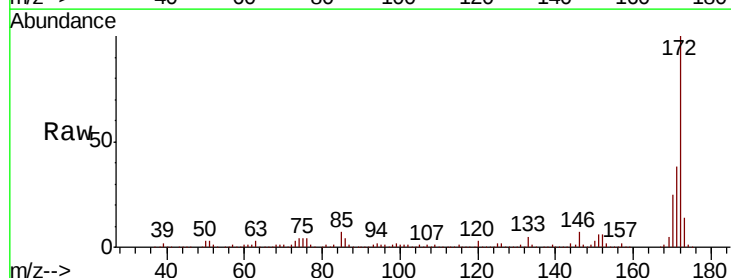


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

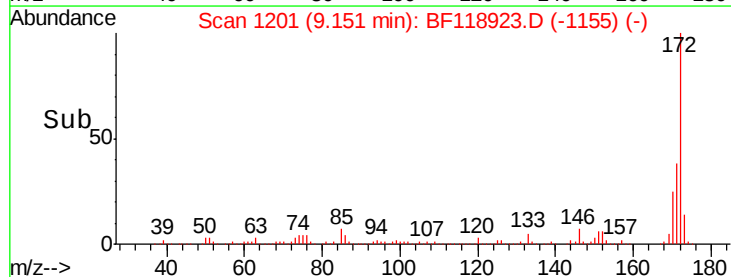
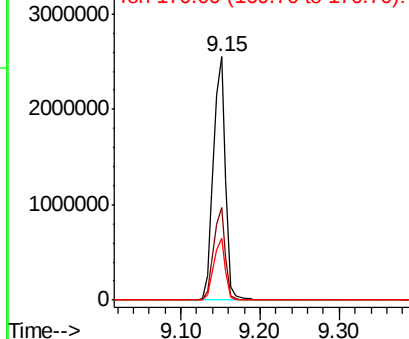


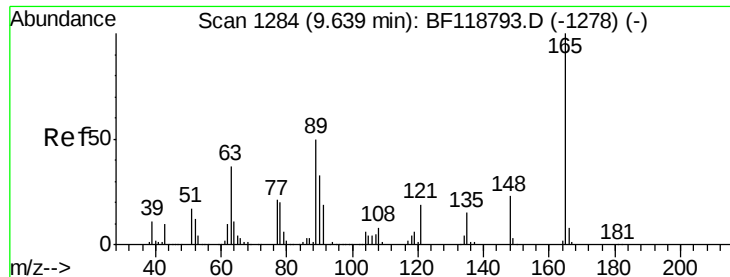
#45
 2-Fluorobiphenyl
 Concen: 95.353 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Tgt Ion:172 Resp: 2705168
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 25.3 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

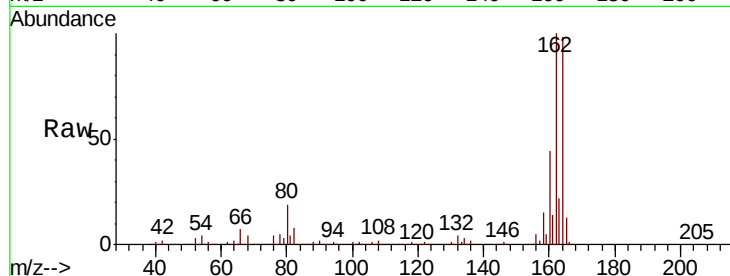




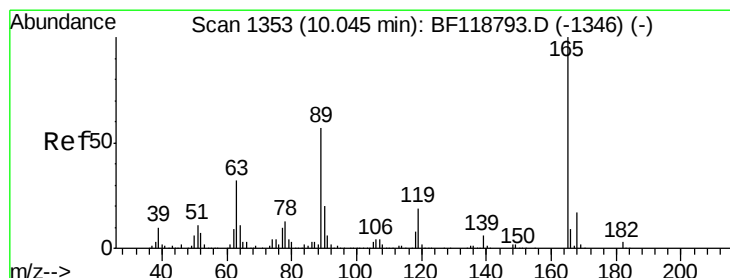
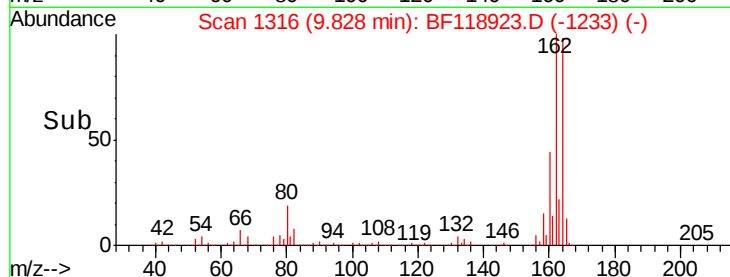
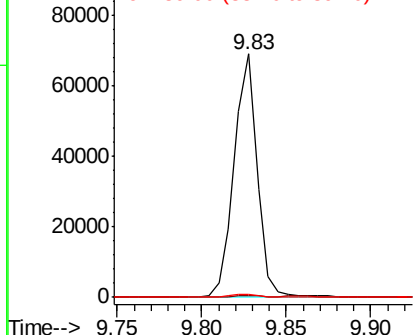
#51
 2,6-Dinitrotoluene
 Concen: 8.329 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 65812
 Ion Ratio Lower Upper
 165 100
 63 0.8 37.4 56.0#
 89 1.0 39.7 59.5#

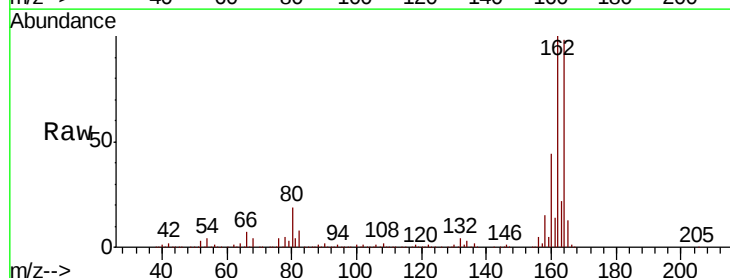


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

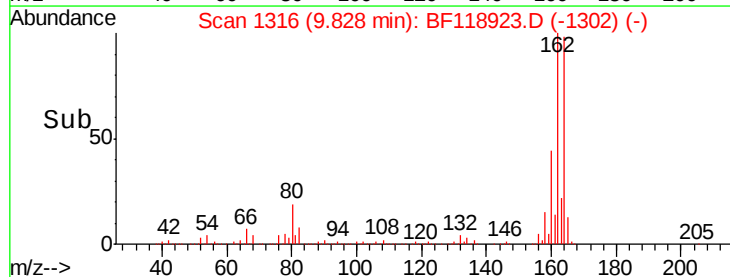
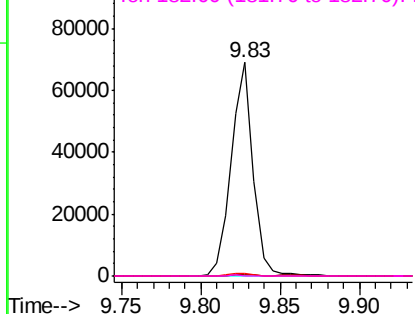


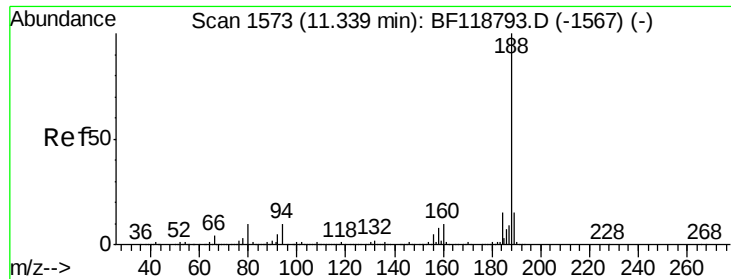
#57
 2,4-Dinitrotoluene
 Concen: 6.294 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Tgt Ion:165 Resp: 65813
 Ion Ratio Lower Upper
 165 100
 63 0.8 25.5 38.3#
 89 1.0 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: BF118923.D

Acq: 13 Feb 2020 16:53

Instrument :

BNA_F

ClientSampleId :

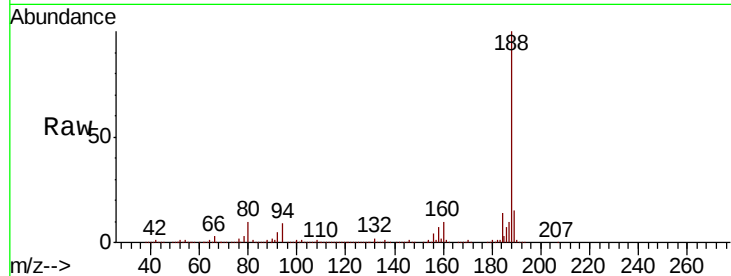
Tot Ion:188 Resp: 976828

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

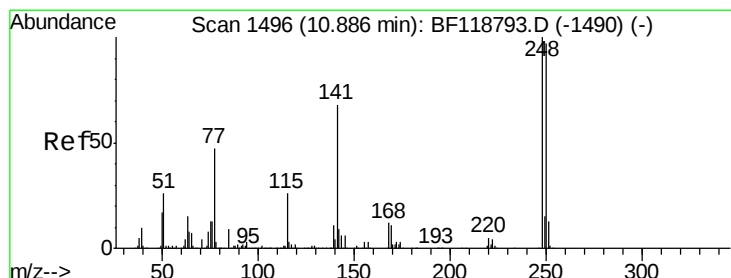
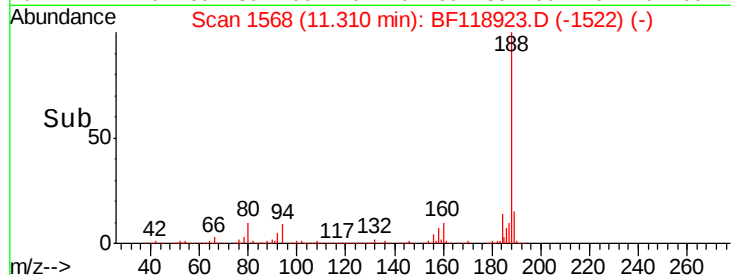
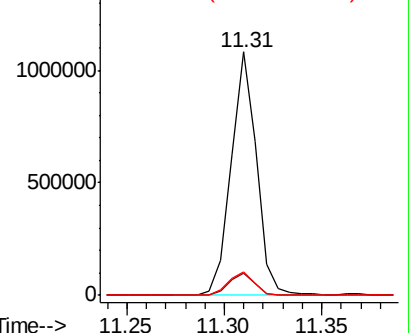
80 9.9 8.4 12.6



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: 4.443 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.27 min

Lab File: BF118923.D

Acq: 13 Feb 2020 16:53

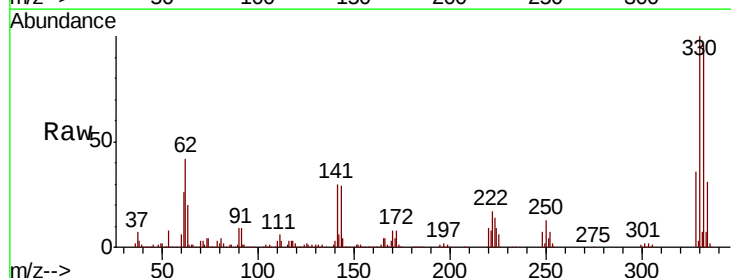
Tgt Ion:248 Resp: 51338

Ion Ratio Lower Upper

248 100

250 198.3 77.6 116.4#

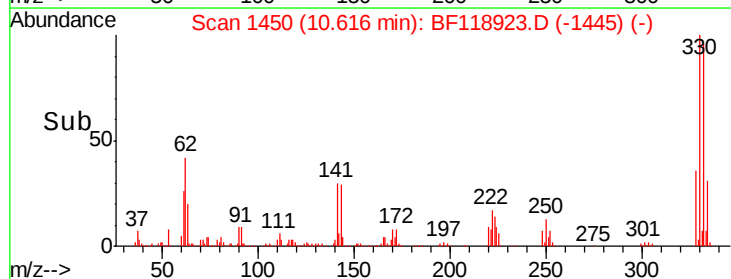
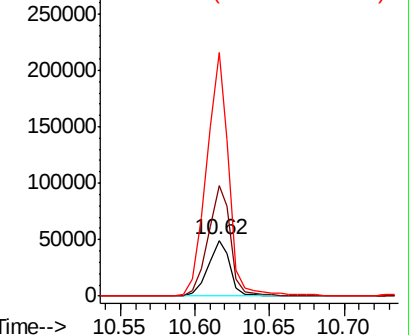
141 439.2 54.4 81.6#

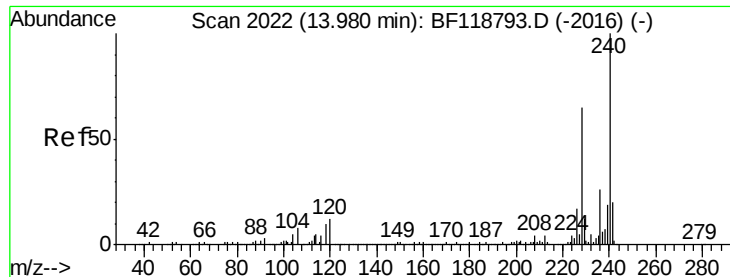


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

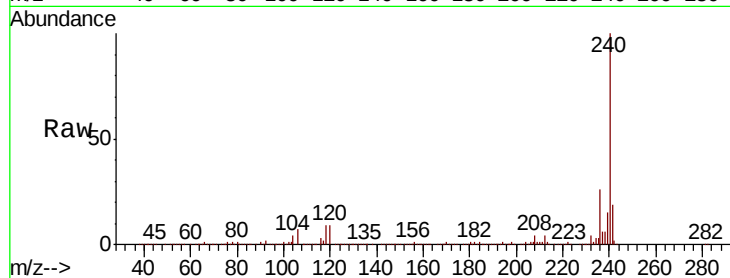




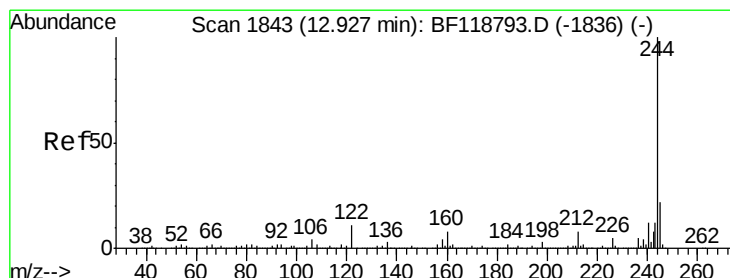
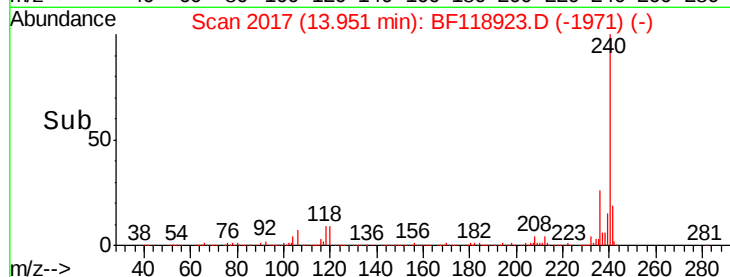
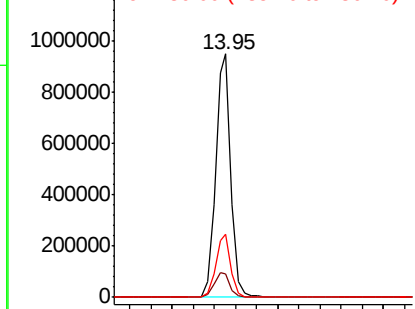
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.03 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 958139
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.4 14.0
 236 25.9 21.0 31.6

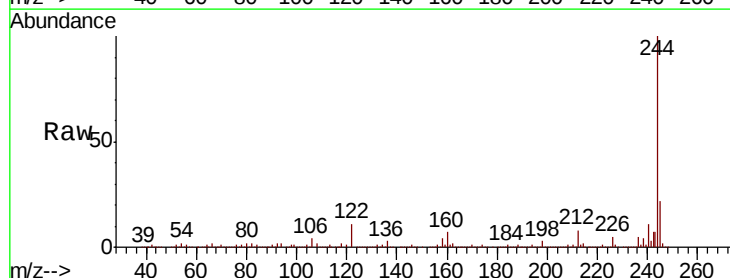


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

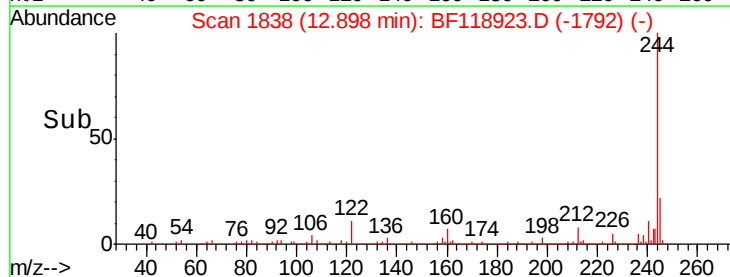
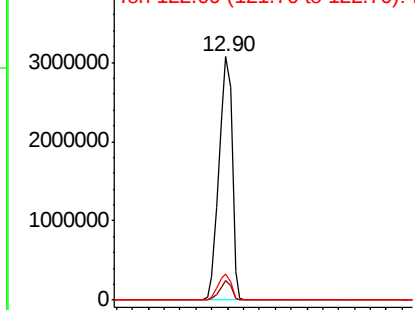


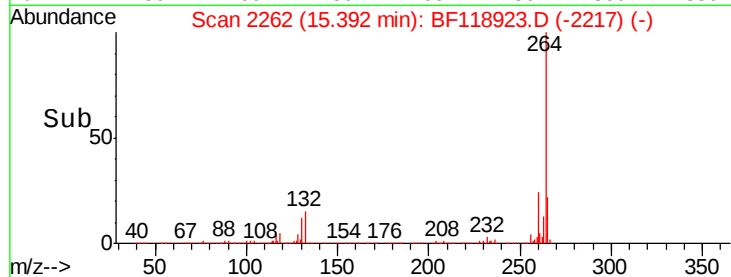
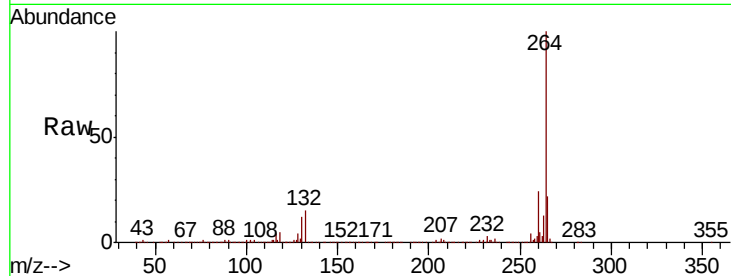
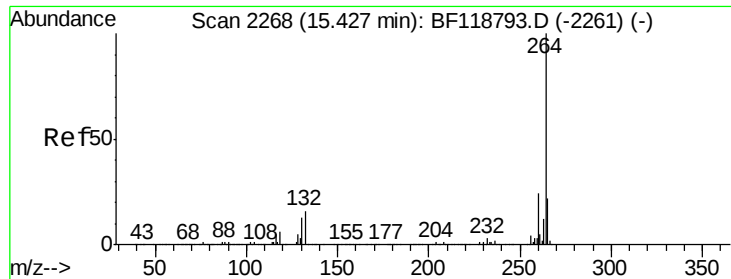
#79
 Terphenyl-d14
 Concen: 75.841 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.03 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Tgt Ion:244 Resp: 3537732
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 10.8 8.9 13.3



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.04 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.3	17.2	25.8

