

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021420\
 Data File : BF118936.D
 Acq On : 14 Feb 2020 17:21
 Operator : CG/JU
 Sample : PB126794BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 03:37:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 14 00:49:42 2020
 Response via : Initial Calibration

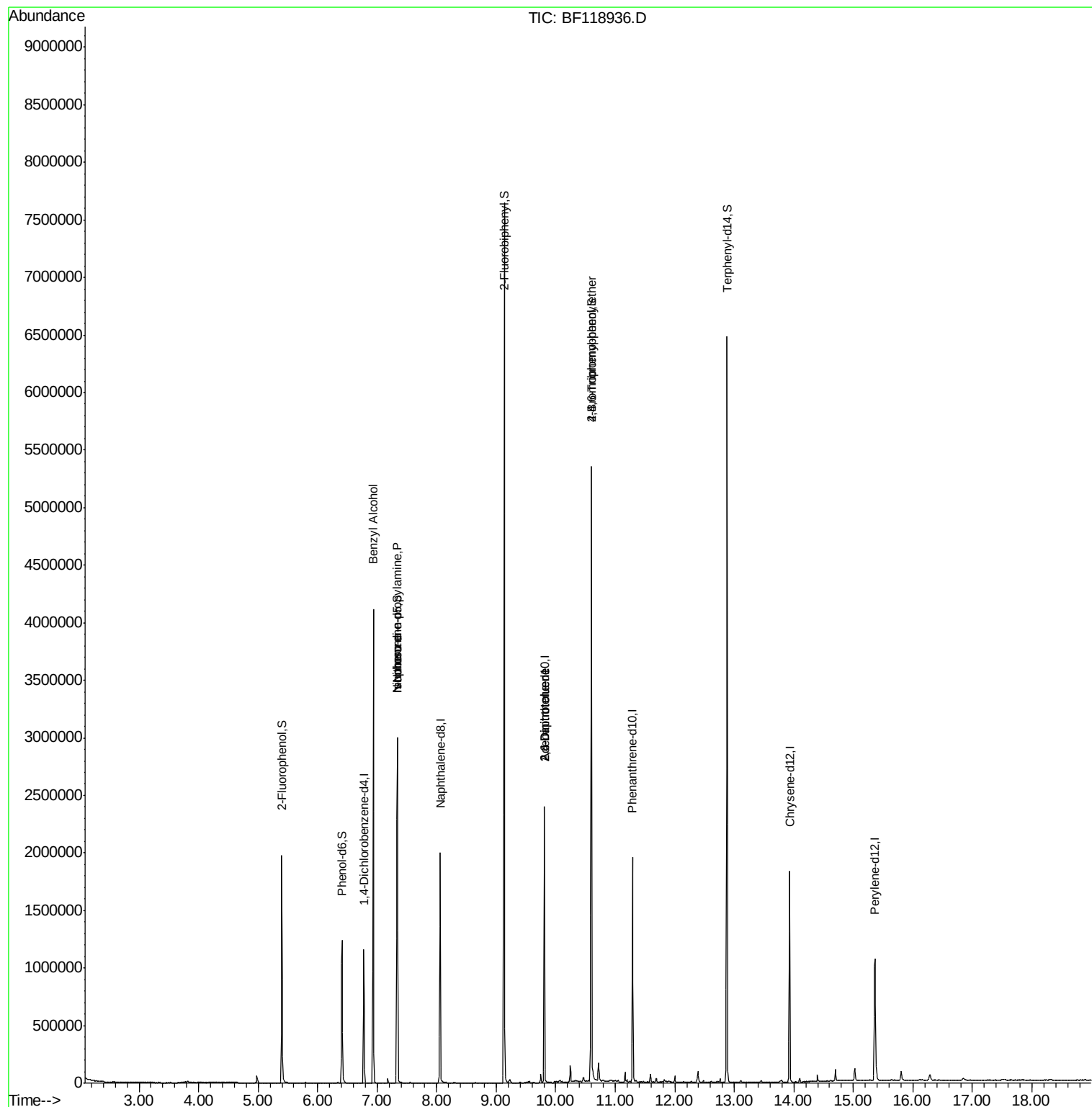
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	170035	20.00	ng	-0.04
21) Naphthalene-d8	8.06	136	893437	20.00	ng	-0.05
39) Acenaphthene-d10	9.81	164	499998	20.00	ng	-0.05
64) Phenanthrene-d10	11.29	188	704484	20.00	ng	-0.05
76) Chrysene-d12	13.93	240	603275	20.00	ng	-0.05
87) Perylene-d12	15.36	264	526350	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	574706	63.98	ng	-0.04
7) Phenol-d6	6.41	99	424979	38.11	ng	-0.04
23) Nitrobenzene-d5	7.34	82	1044998	69.72	ng	-0.04
42) 2,4,6-Tribromophenol	10.60	330	791969	132.38	ng	-0.05
45) 2-Fluorobiphenyl	9.13	172	2597605	92.87	ng	-0.05
79) Terphenyl-d14	12.88	244	2402393	81.80	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.33	77	809	Below Cal		94
15) Benzyl Alcohol	6.93	79	17484	2.029 ng	#	47
19) n-Nitroso-di-n-propylamine	7.34	70	143962	21.101 ng	#	77
25) Isophorone	7.34	82	1041157	38.649 ng	#	63
51) 2,6-Dinitrotoluene	9.81	165	64228	8.245 ng	#	30
57) 2,4-Dinitrotoluene	9.81	165	64228	6.230 ng	#	34
67) 4-Bromophenyl-phenylether	10.60	248	52237	6.268 ng	#	1

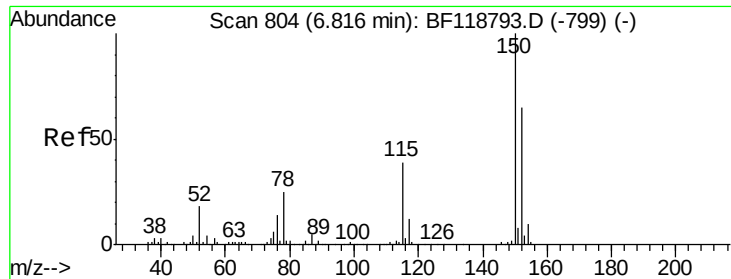
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021420\
Data File : BF118936.D
Acq On : 14 Feb 2020 17:21
Operator : CG/JU
Sample : PB126794BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 15 03:37:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 14 00:49:42 2020
Response via : Initial Calibration



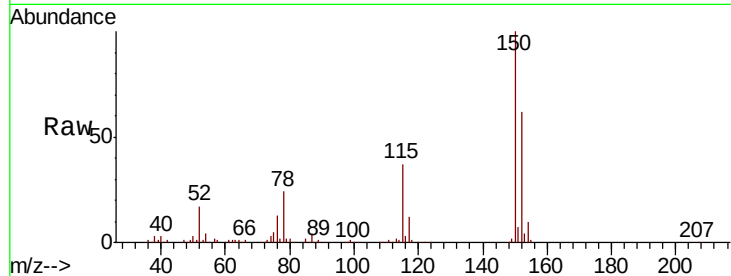


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.04 min
Lab File: BF118936.D
Acq: 14 Feb 2020 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	123.6	185.4
115	59.9	48.2	72.2

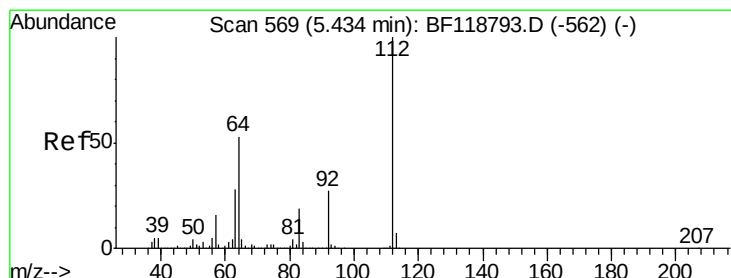
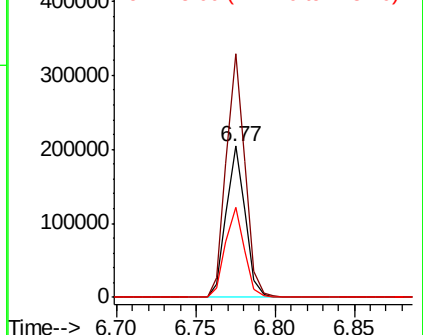
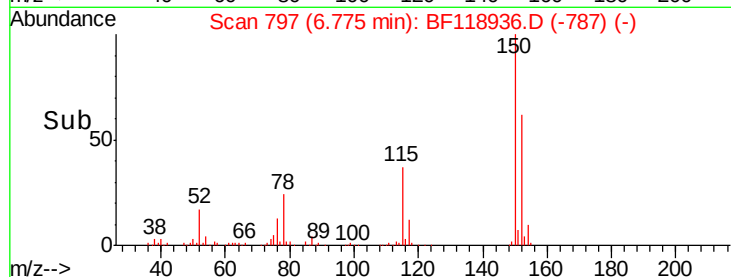


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

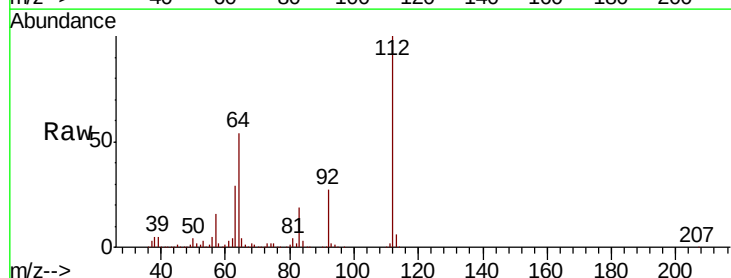
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 63.980 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.04 min
Lab File: BF118936.D
Acq: 14 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.6	63.8
63	28.7	22.2	33.4

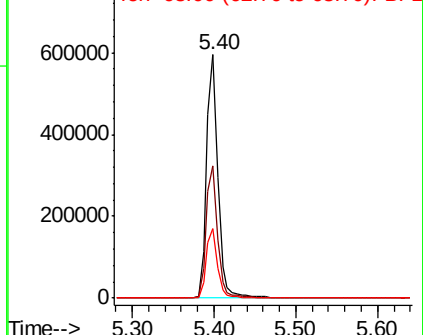
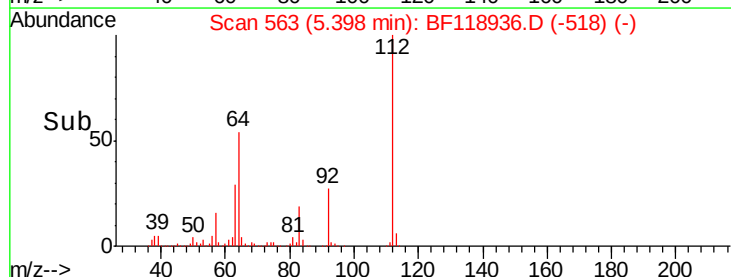


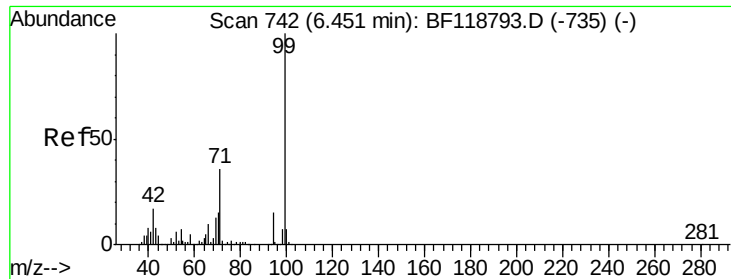
Abundance

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: 38.112 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.04 min

Lab File: BF118936.D

Acq: 14 Feb 2020 17:21

Instrument :

BNA_F

ClientSampleId :

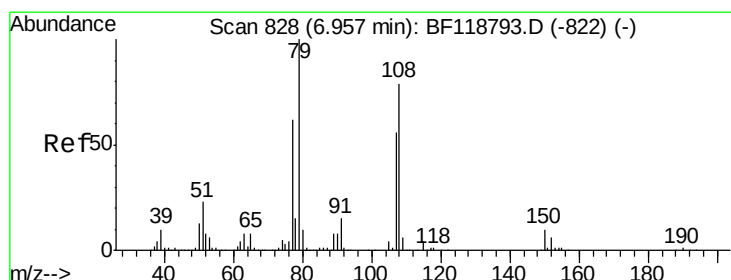
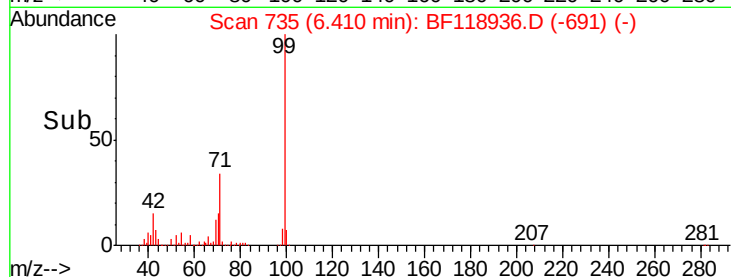
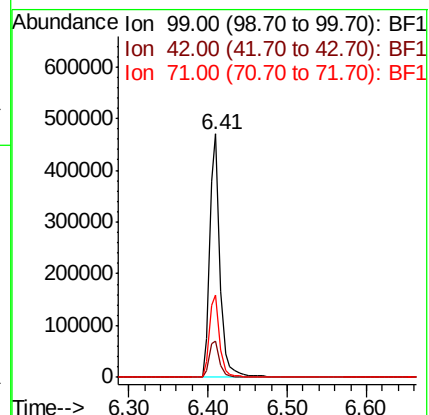
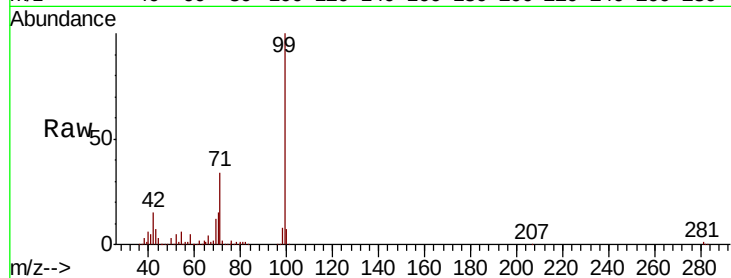
Tot Ion: 99 Resp: 424979

Ion Ratio Lower Upper

99 100

42 15.0 13.4 20.0

71 33.8 29.0 43.6



#15

Benzyl Alcohol

Concen: 2.029 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF118936.D

Acq: 14 Feb 2020 17:21

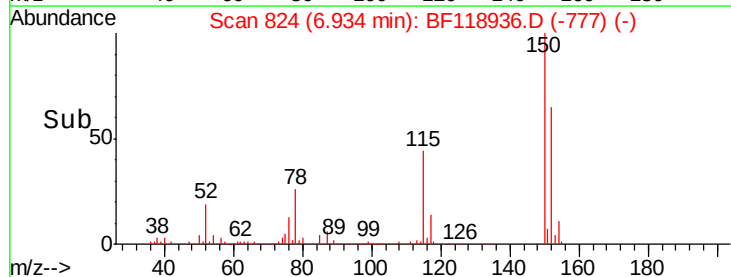
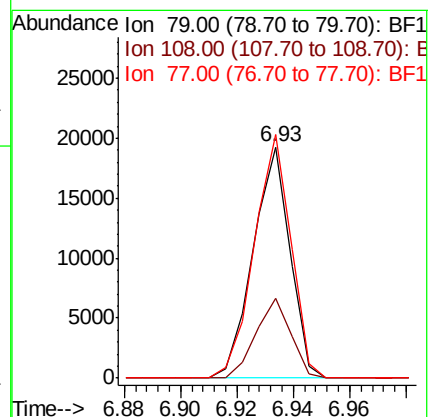
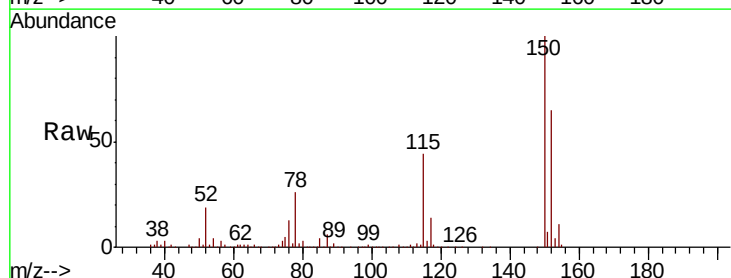
Tgt Ion: 79 Resp: 17484

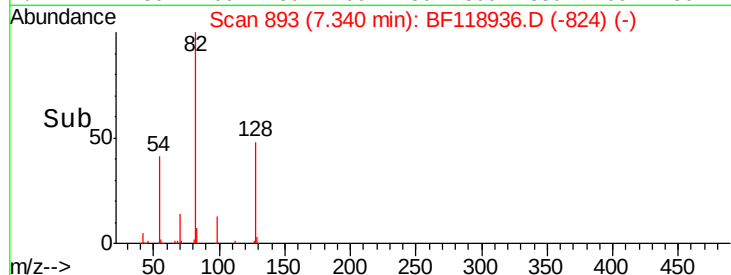
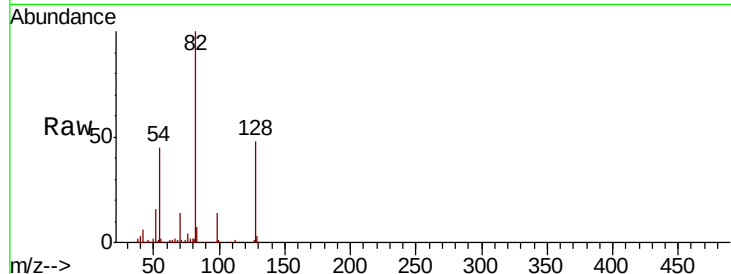
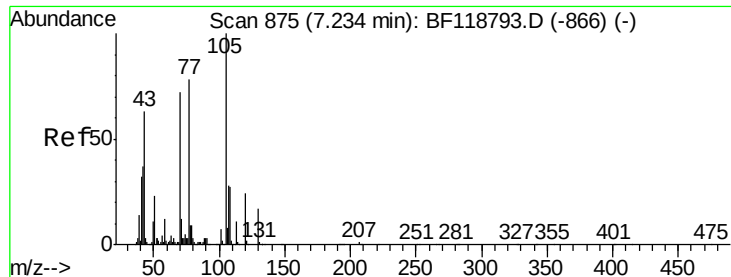
Ion Ratio Lower Upper

79 100

108 34.7 62.9 94.3#

77 105.4 50.0 75.0#

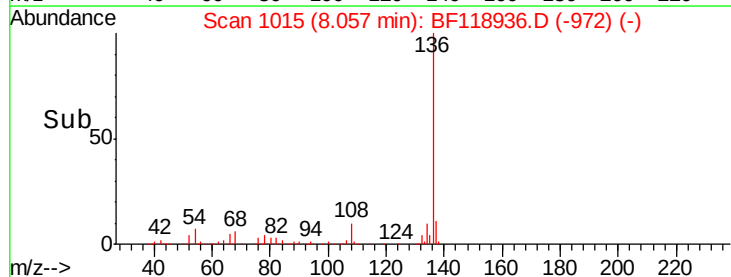
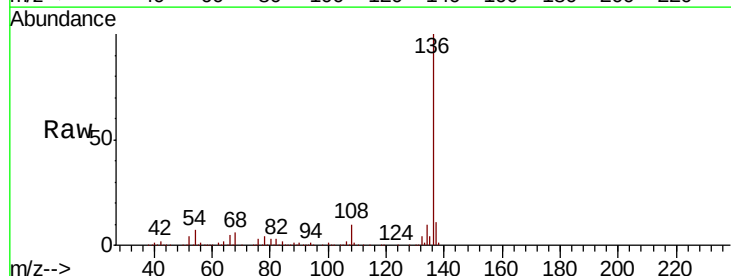
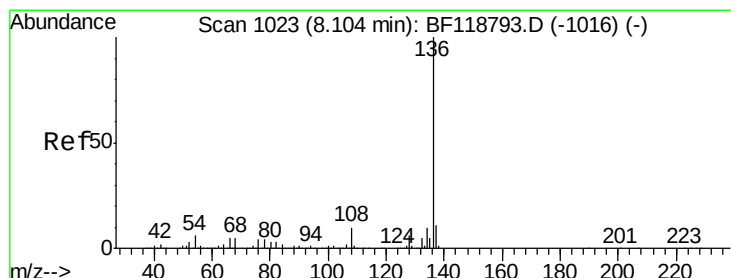
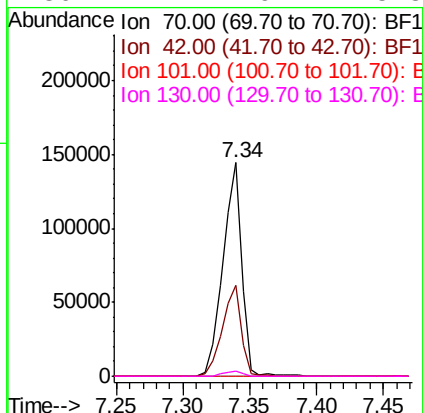




#19
n-Nitroso-di-n-propylamine
Concen: 21.101 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.11 min
Lab File: BF118936.D
Acq: 14 Feb 2020 17:21

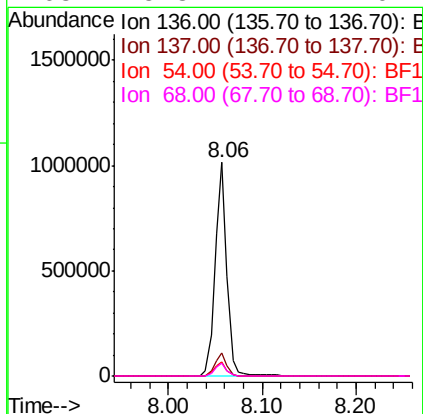
Instrument :
BNA_F
ClientSampleId :

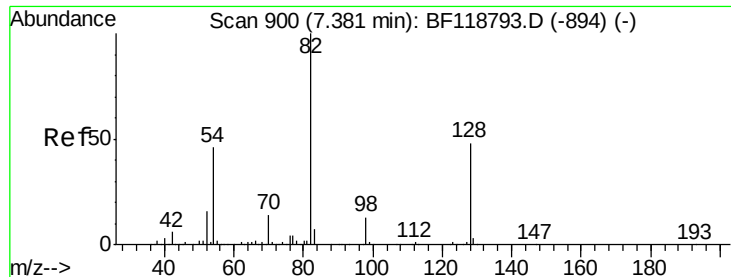
Tot Ion:	70	Resp:	143962
Ion	Ratio	Lower	Upper
70	100		
42	42.7	41.5	62.3
101	0.0	8.3	12.5#
130	2.4	19.2	28.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.05 min
Lab File: BF118936.D
Acq: 14 Feb 2020 17:21

Tgt Ion:	136	Resp:	893437
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.5	5.0	7.6
68	5.8	4.2	6.4

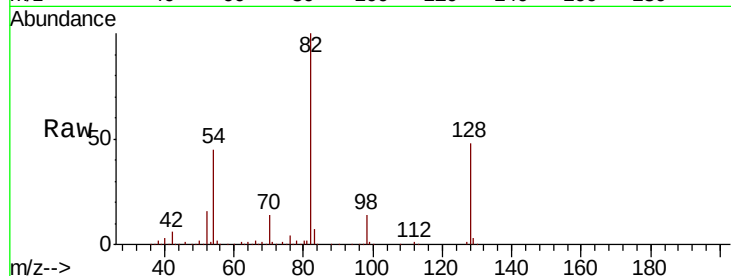




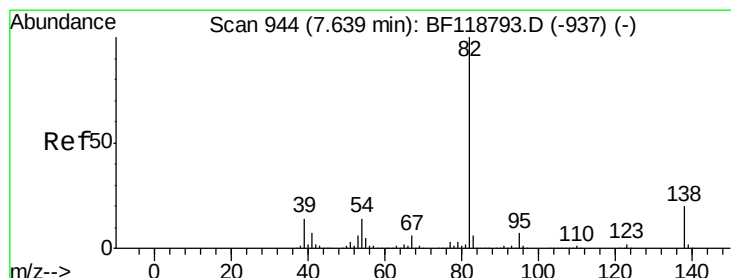
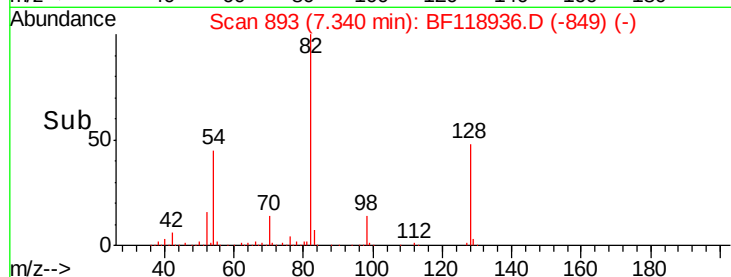
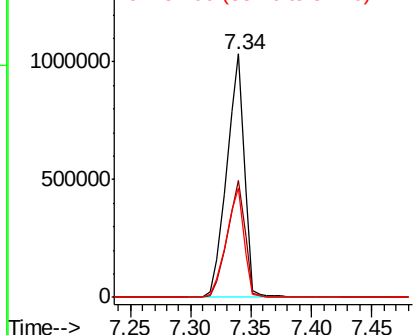
#23
Nitrobenzene-d5
Concen: 69.716 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.04 min
Lab File: BF118936.D
Acq: 14 Feb 2020 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1044998
Ion Ratio Lower Upper
82 100
128 48.0 38.5 57.7
54 45.1 36.7 55.1

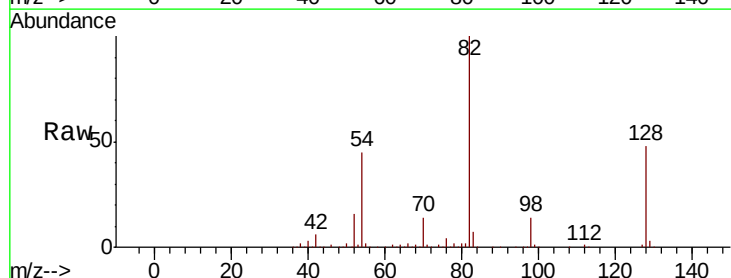


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

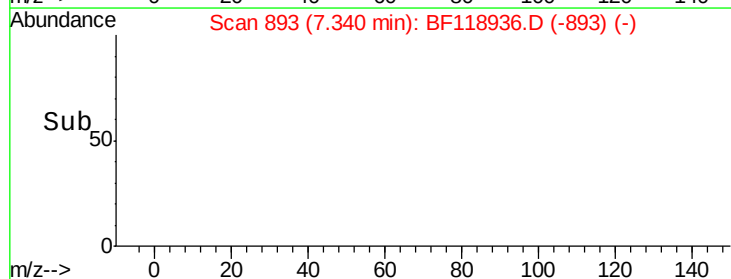
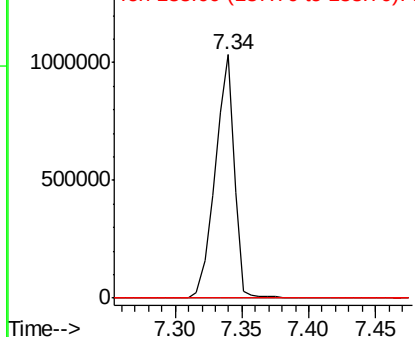


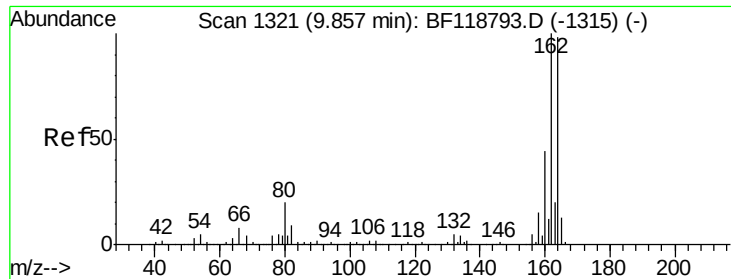
#25
Isophorone
Concen: 38.649 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.30 min
Lab File: BF118936.D
Acq: 14 Feb 2020 17:21

Tgt Ion: 82 Resp: 1041157
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

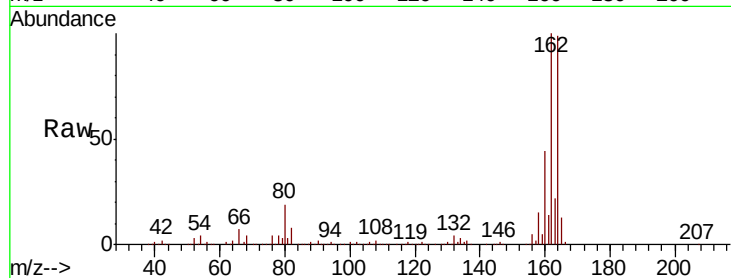




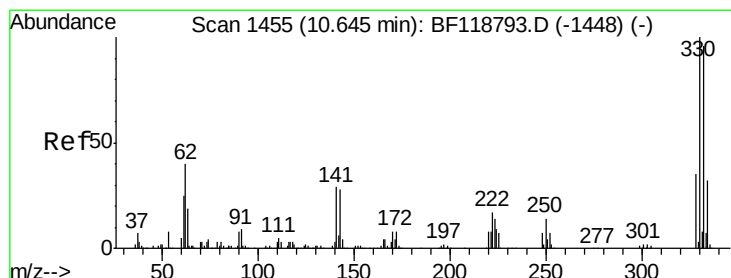
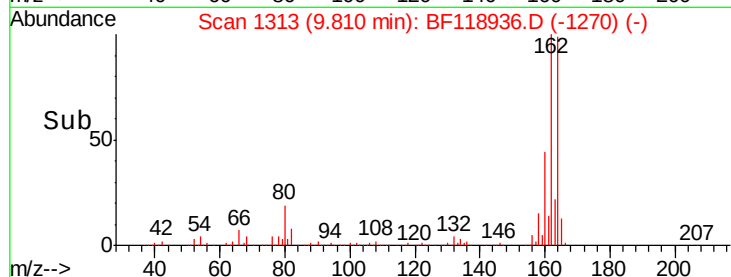
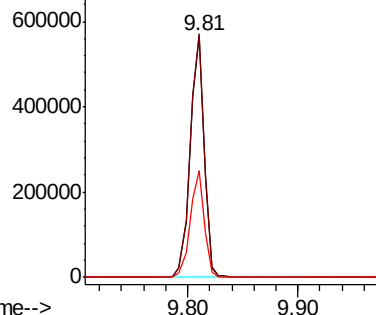
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: BF118936.D
 Acq: 14 Feb 2020 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.2
160	44.2	35.6	53.4

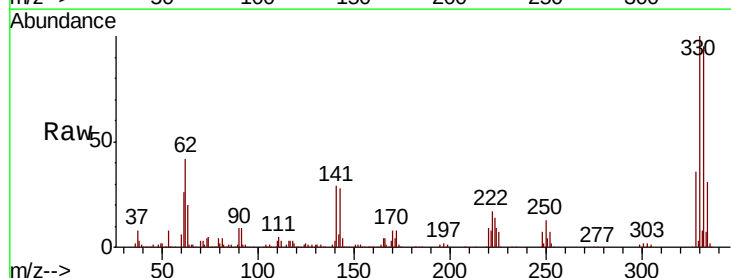


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

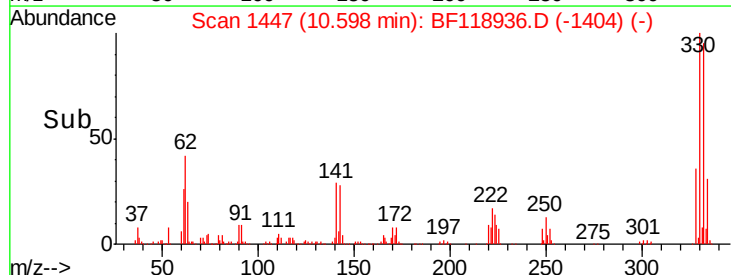
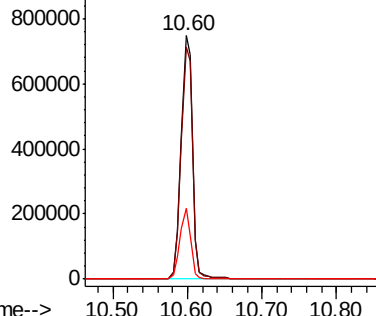


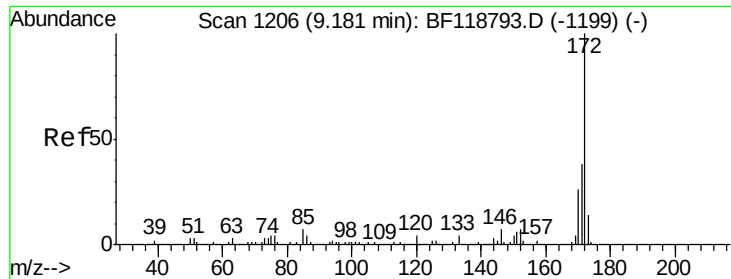
#42
 2,4,6-Tribromophenol
 Concen: 132.378 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.05 min
 Lab File: BF118936.D
 Acq: 14 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	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



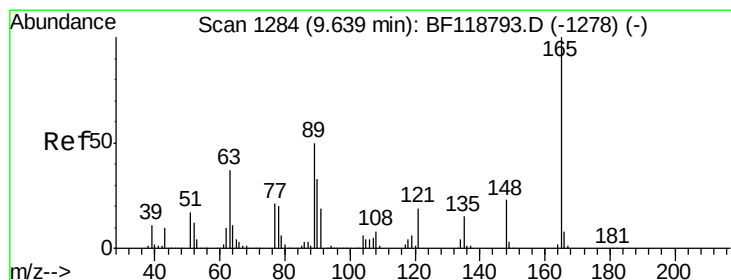
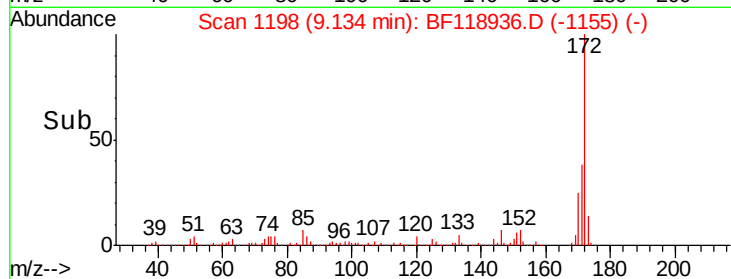
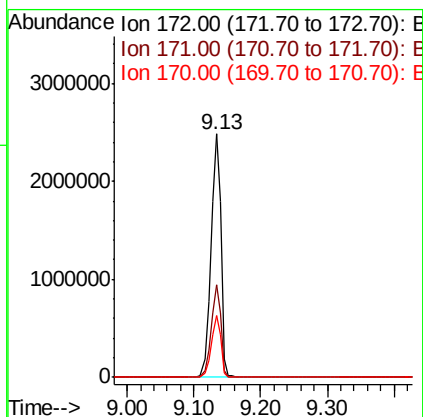
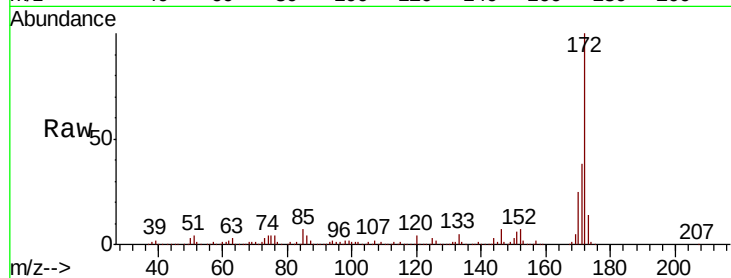


#45
 2-Fluorobiphenyl
 Concen: 92.875 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.05 min
 Lab File: BF118936.D
 Acq: 14 Feb 2020 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2597605

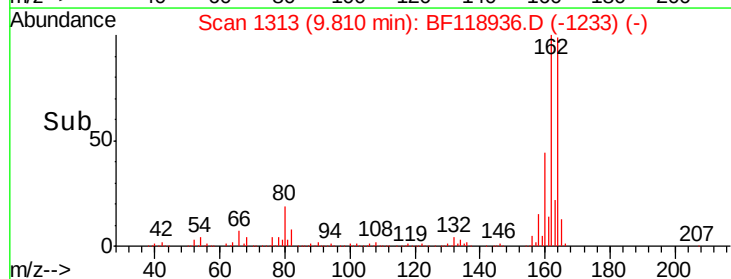
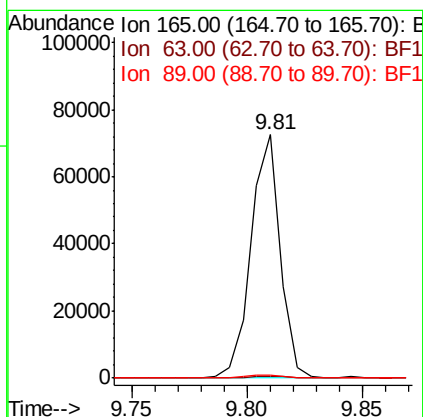
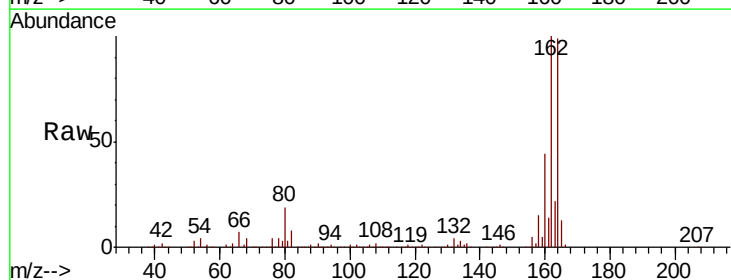
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	25.2	20.5	30.7

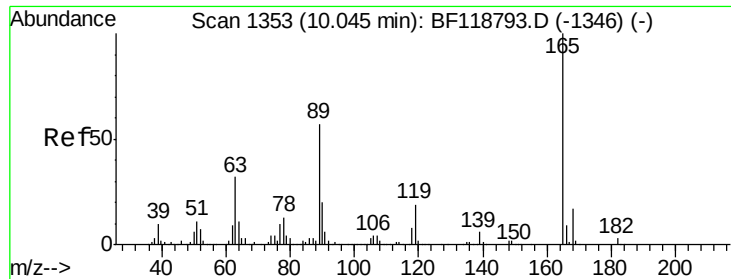


#51
 2,6-Dinitrotoluene
 Concen: 8.245 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.17 min
 Lab File: BF118936.D
 Acq: 14 Feb 2020 17:21

Tgt Ion:165 Resp: 64228

Ion	Ratio	Lower	Upper
165	100		
63	0.8	37.4	56.0#
89	1.4	39.7	59.5#





#57

2,4-Dinitrotoluene

Concen: 6.230 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.24 min

Lab File: BF118936.D

Acq: 14 Feb 2020 17:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 64228

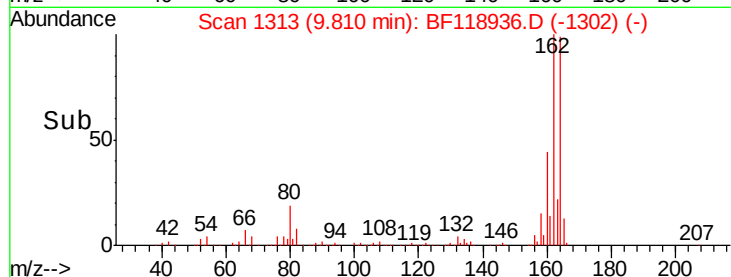
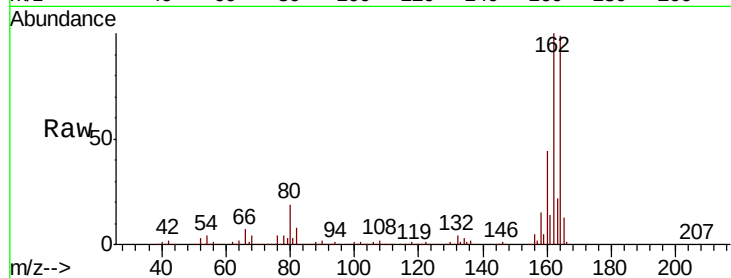
Ion Ratio Lower Upper

165 100

63 0.8 25.5 38.3#

89 1.4 45.4 68.0#

182 0.0 2.4 3.6#

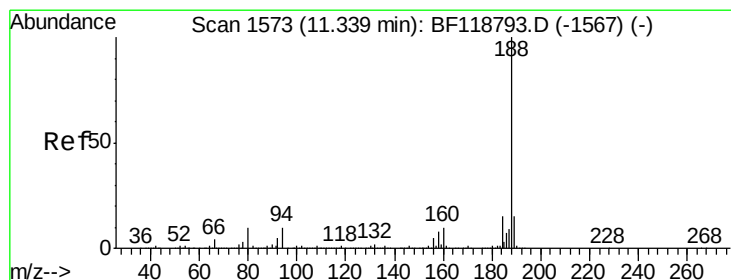
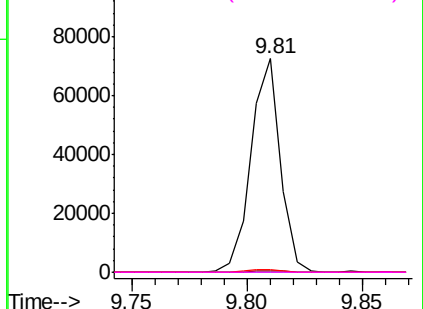


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.29 min Scan# 1565

Delta R.T. -0.05 min

Lab File: BF118936.D

Acq: 14 Feb 2020 17:21

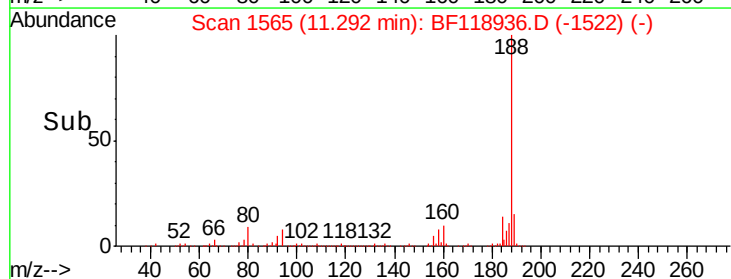
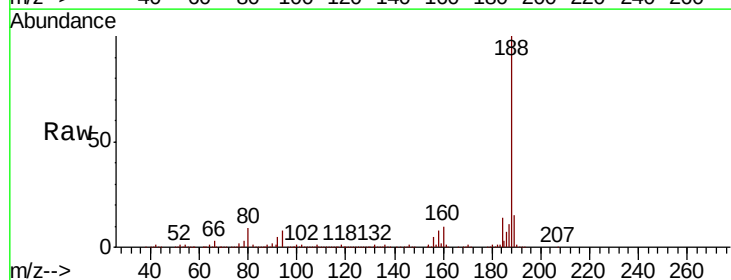
Tgt Ion:188 Resp: 704484

Ion Ratio Lower Upper

188 100

94 8.4 7.9 11.9

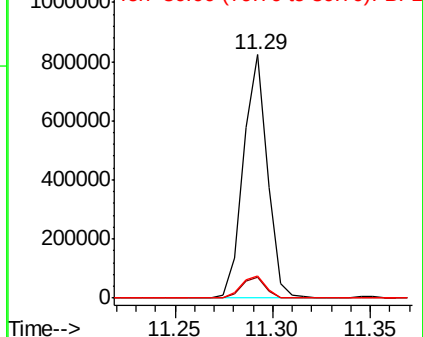
80 9.0 8.4 12.6

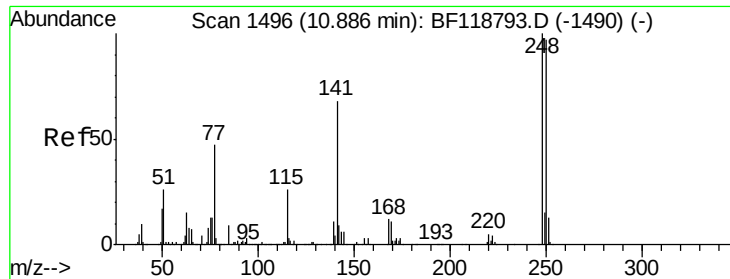


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

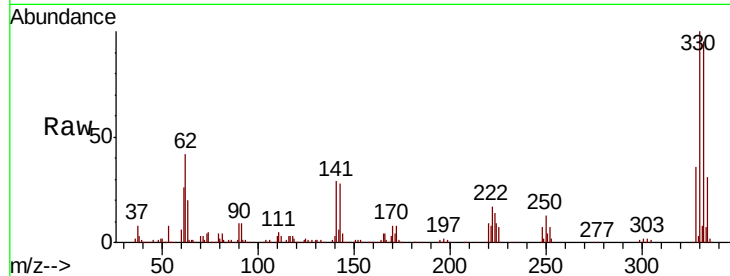




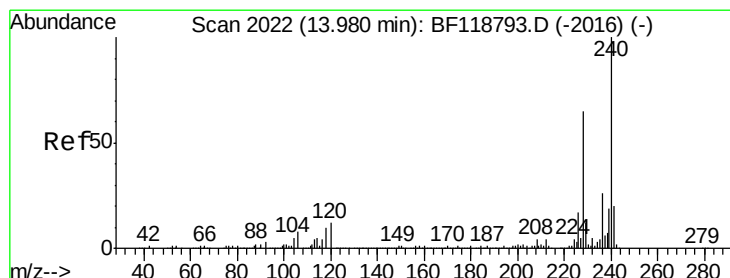
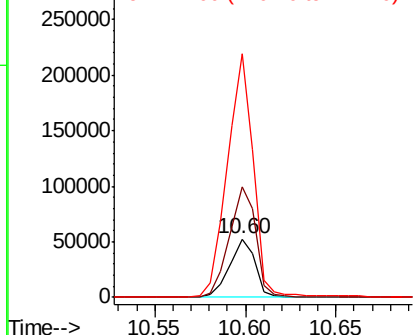
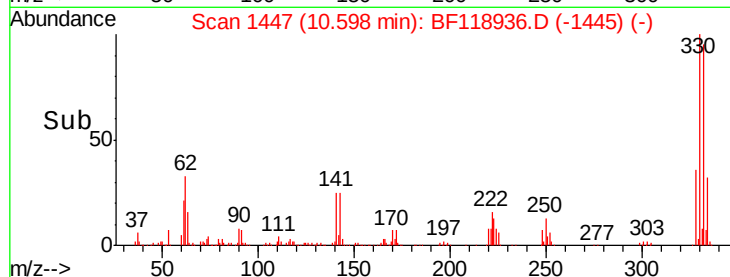
#67
4-Bromophenyl-phenylether
Concen: 6.268 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.29 min
Lab File: BF118936.D
Acq: 14 Feb 2020 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 52237
Ion Ratio Lower Upper
248 100
250 190.7 77.6 116.4#
141 418.1 54.4 81.6#

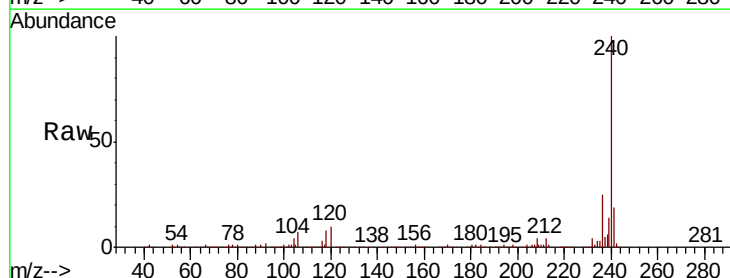


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

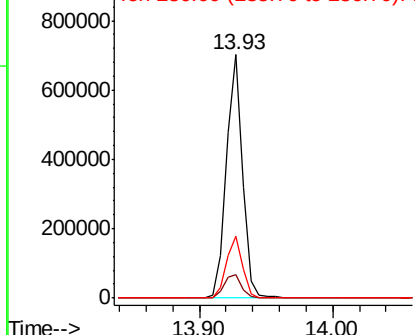
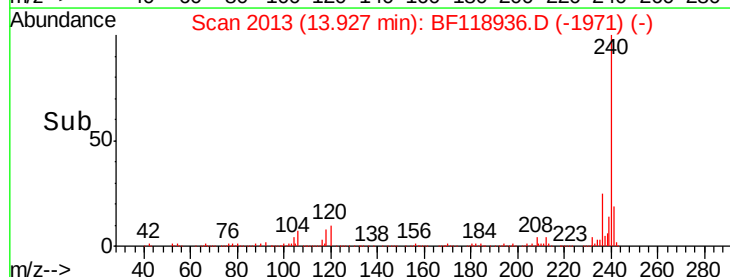


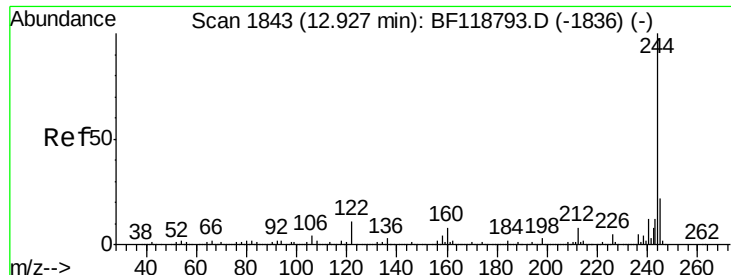
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.05 min
Lab File: BF118936.D
Acq: 14 Feb 2020 17:21

Tgt Ion:240 Resp: 603275
Ion Ratio Lower Upper
240 100
120 9.6 9.4 14.0
236 25.2 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: 81.797 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.05 min

Lab File: BF118936.D

Acq: 14 Feb 2020 17:21

Instrument :

BNA_F

ClientSampleId :

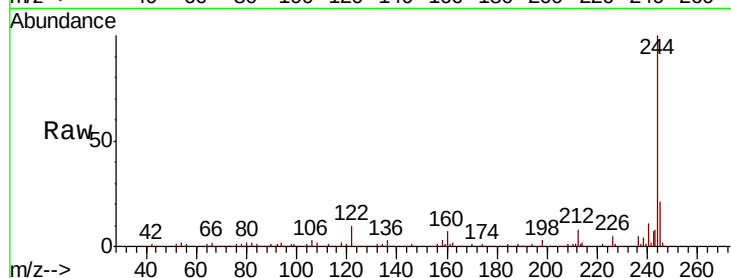
Tot Ion:244 Resp: 2402393

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

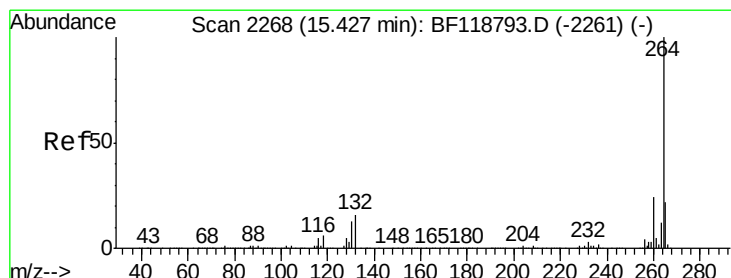
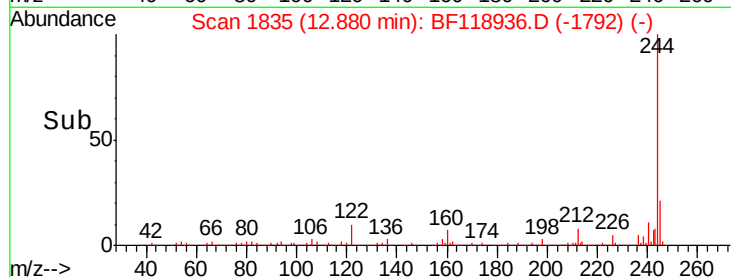
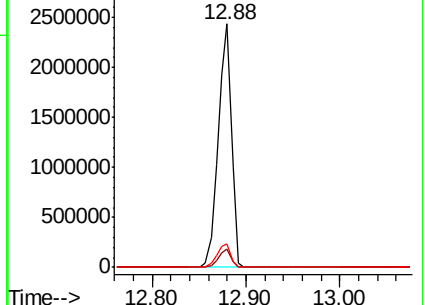
122 9.8 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.06 min

Lab File: BF118936.D

Acq: 14 Feb 2020 17:21

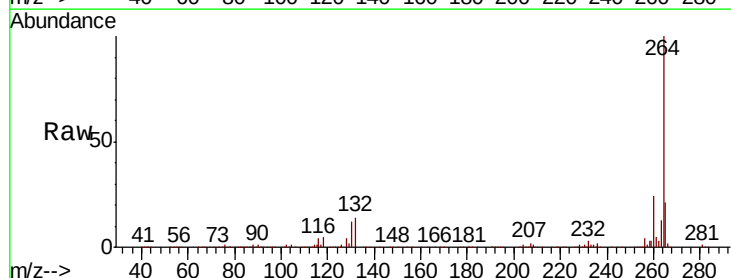
Tgt Ion:264 Resp: 526350

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.2 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

