

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF118996.D
 Acq On : 21 Feb 2020 16:51
 Operator : CG/JU
 Sample : L1605-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 24 02:20:15 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

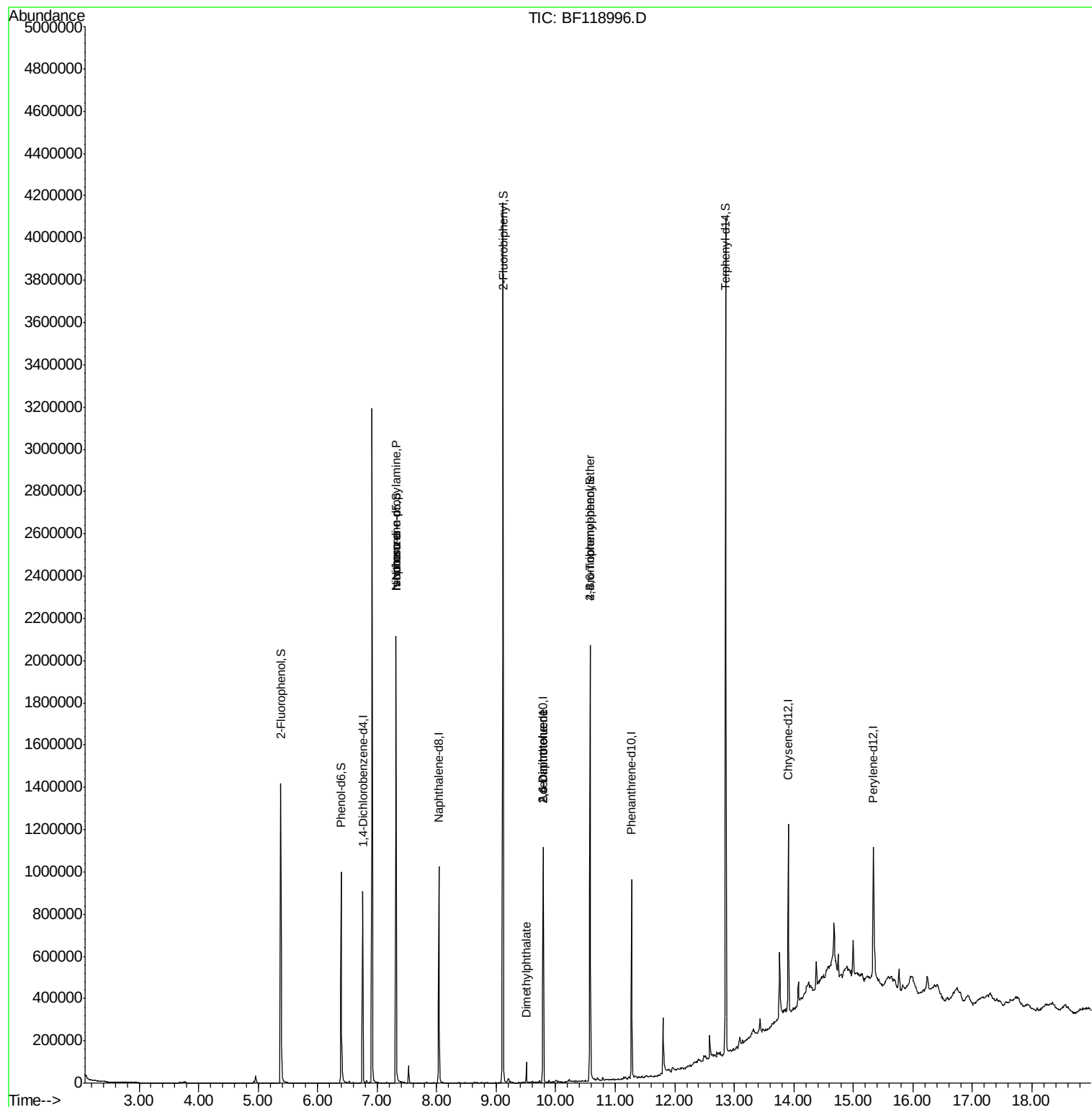
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	144139	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	498930	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	230271	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	374253	20.00	ng	0.00
76) Chrysene-d12	13.90	240	318478	20.00	ng	0.00
87) Perylene-d12	15.33	264	303119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	471106	54.62	ng	0.00
7) Phenol-d6	6.39	99	347285	33.11	ng	-0.01
23) Nitrobenzene-d5	7.32	82	814686	86.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	299866	99.55	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1457590	93.25	ng	0.00
79) Terphenyl-d14	12.86	244	1425365	77.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	112172	18.352	ng	# 77
25) Isophorone	7.32	82	814676	49.642	ng	# 63
50) Dimethylphthalate	9.50	163	36319	2.063	ng	# 99
51) 2,6-Dinitrotoluene	9.79	165	29894	7.641	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	29894	5.895	ng	# 28
67) 4-Bromophenyl-phenylether	10.58	248	18694	3.821	ng	# 1

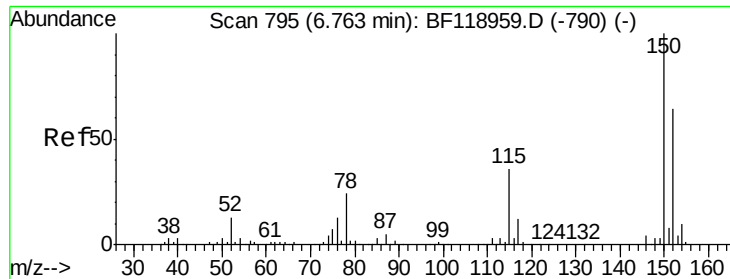
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118996.D
Acq On : 21 Feb 2020 16:51
Operator : CG/JU
Sample : L1605-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 24 02:20:15 2020
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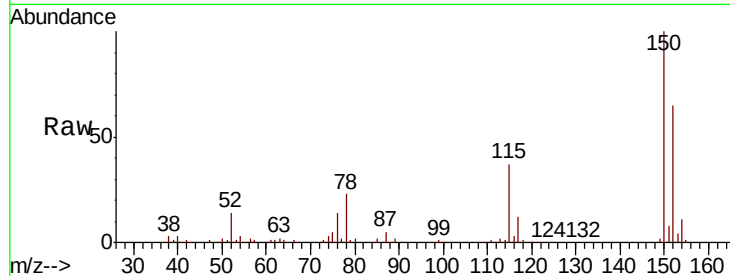


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.3	186.5
115	57.5	44.6	67.0

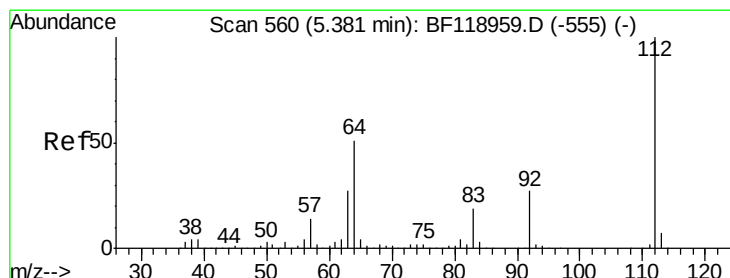
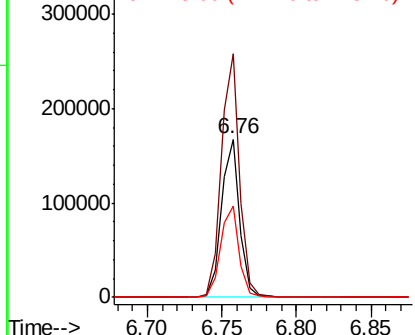
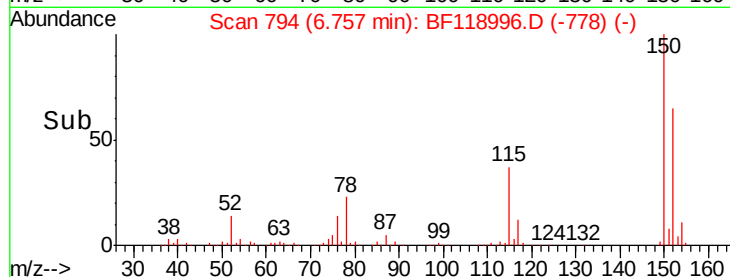


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

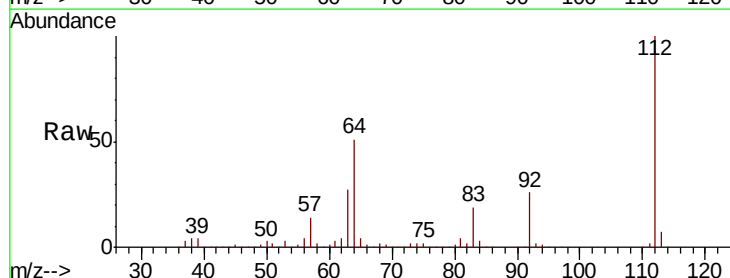
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 54.621 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	40.4	60.6
63	26.7	21.3	31.9

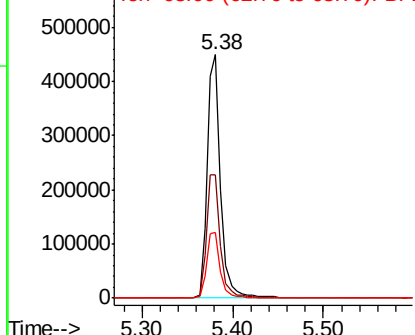
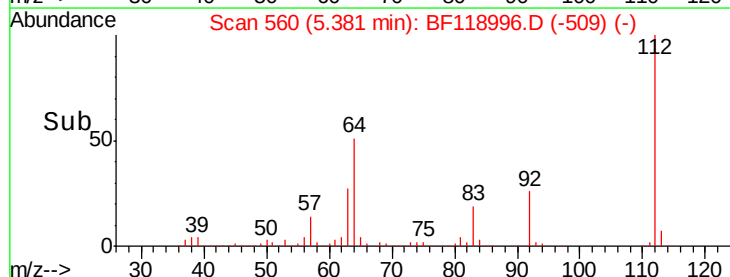


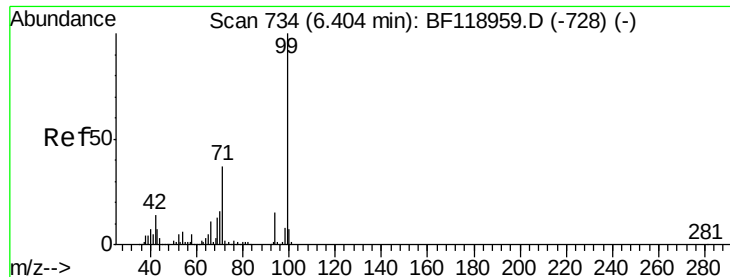
Abundance

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: 33.108 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF118996.D

Acq: 21 Feb 2020 16:51

Instrument :

BNA_F

ClientSampleId :

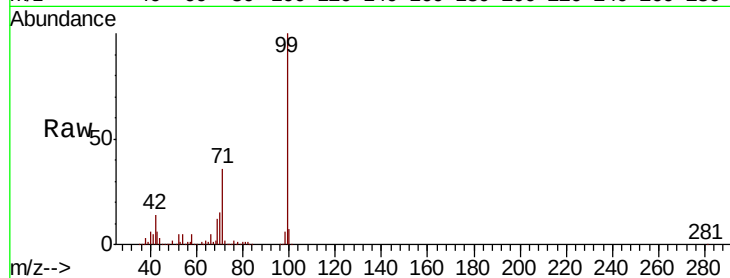
Tot Ion: 99 Resp: 347285

Ion Ratio Lower Upper

99 100

42 13.5 11.4 17.0

71 35.6 29.8 44.6

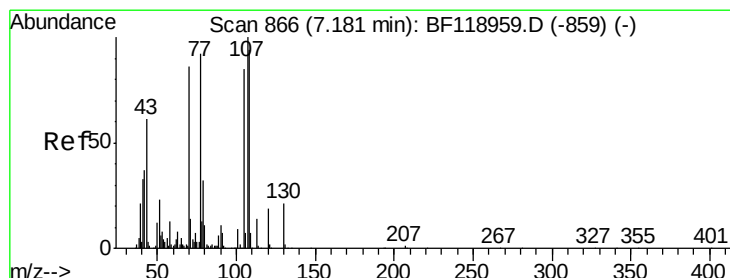
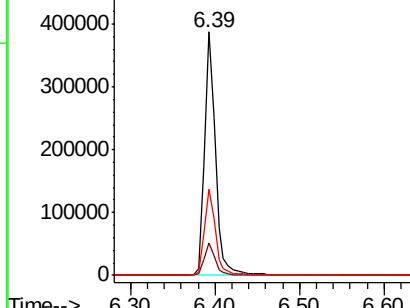
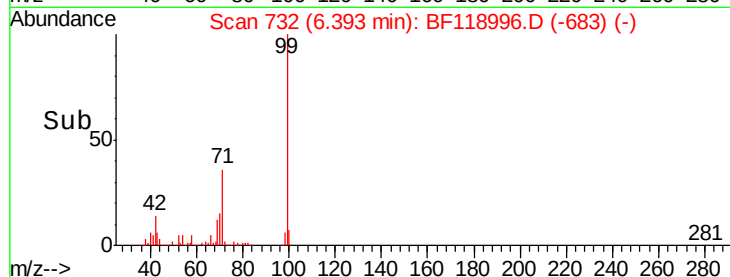


Abundance

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: 18.352 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF118996.D

Acq: 21 Feb 2020 16:51

Tgt Ion: 70 Resp: 112172

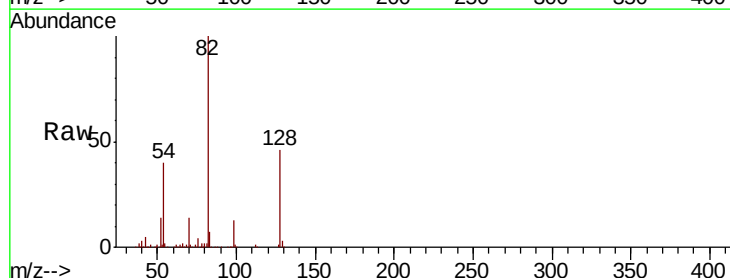
Ion Ratio Lower Upper

70 100

42 36.9 34.6 51.8

101 0.0 8.1 12.1#

130 2.4 19.4 29.2#



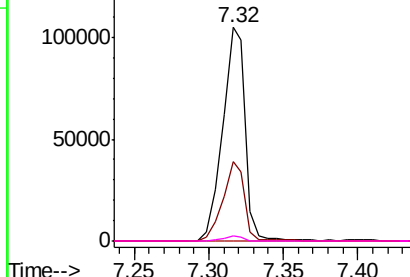
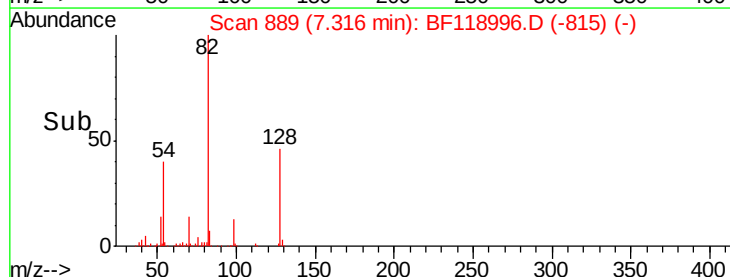
Abundance

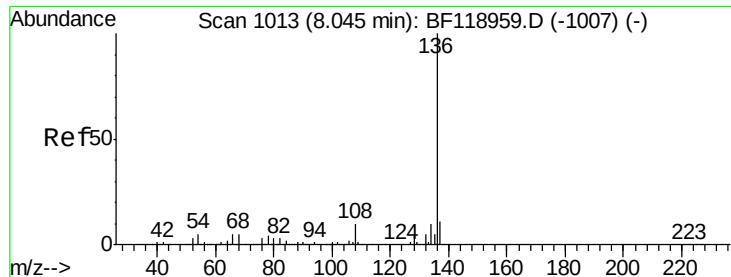
Ion 70.00 (69.70 to 70.70): BF1

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

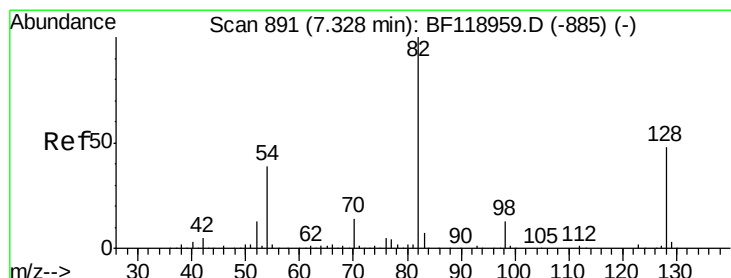
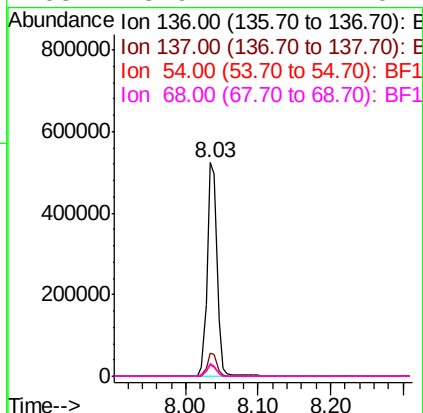
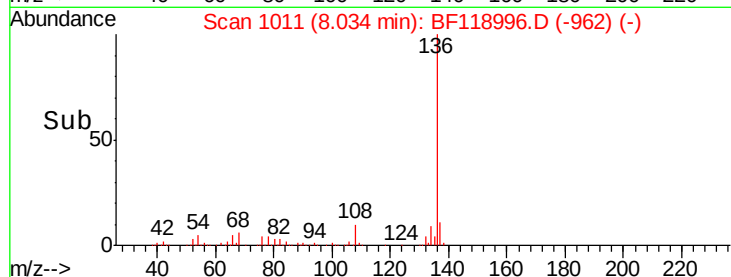
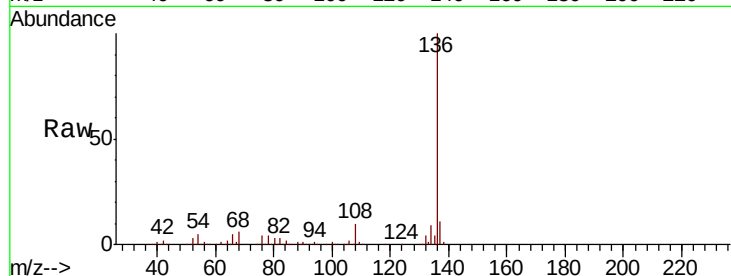




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

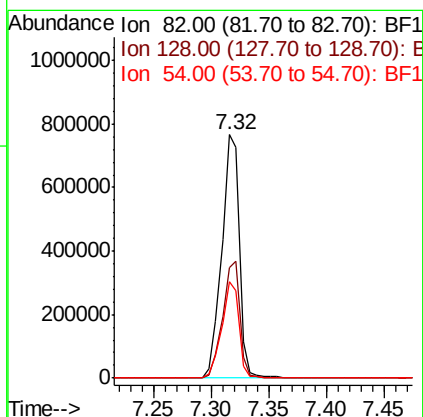
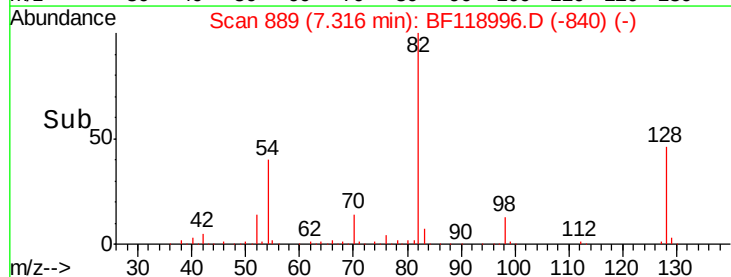
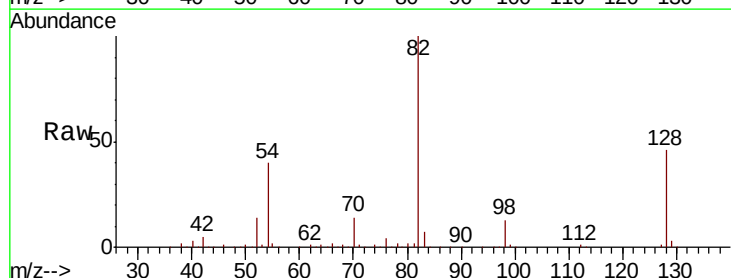
Instrument :
BNA_F
ClientSampleId :

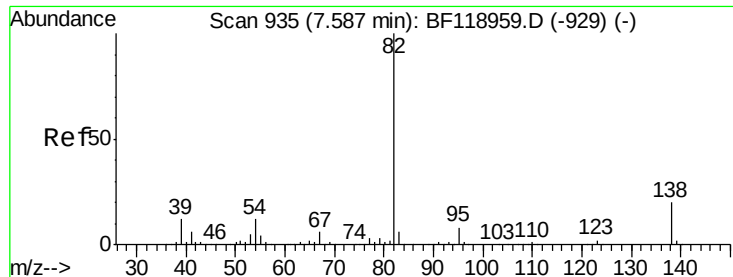
Tot Ion:136	Resp:	498930
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	5.4	3.8 5.6
68	5.9	4.2 6.2



#23
Nitrobenzene-d5
Concen: 86.215 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Tgt Ion: 82	Resp:	814686
Ion Ratio	Lower	Upper
82	100	
128	45.6	38.2 57.2
54	39.8	31.3 46.9

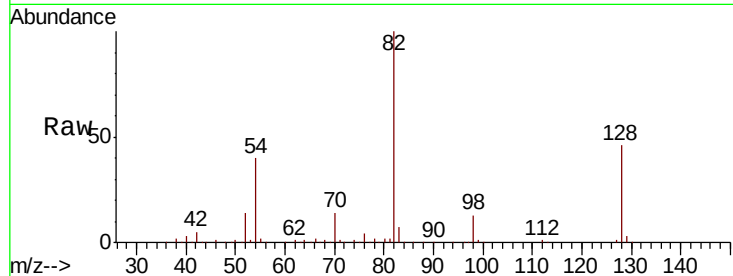




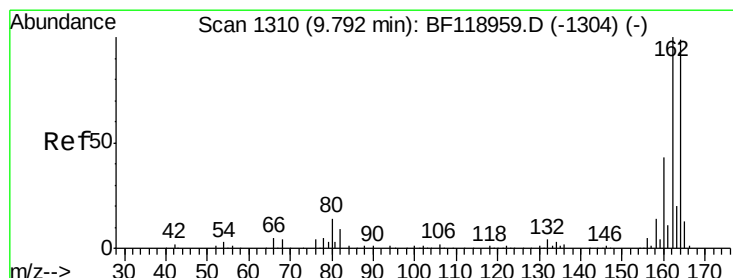
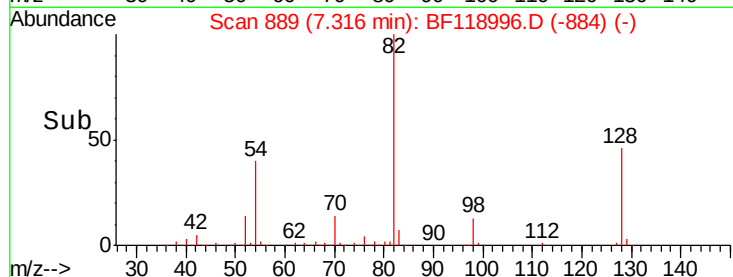
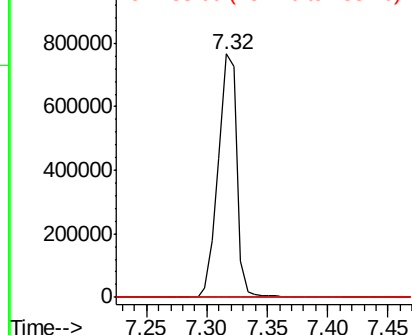
#25
Isophorone
Concen: 49.642 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 814676
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.8 23.6#

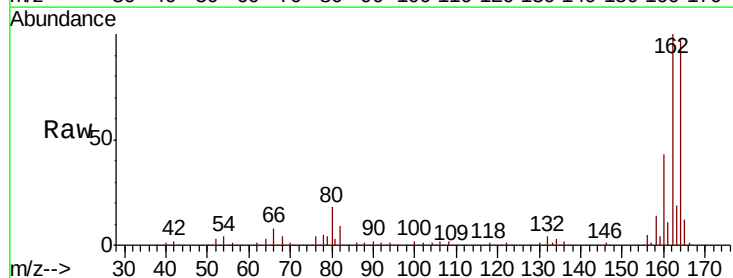


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

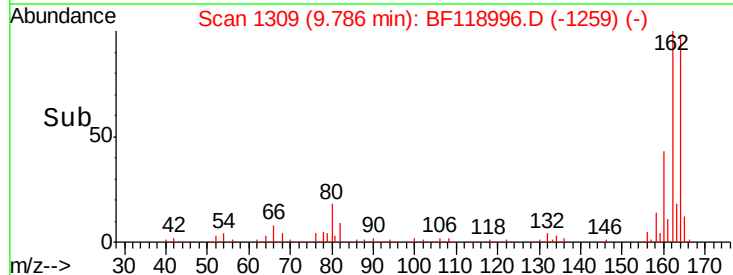
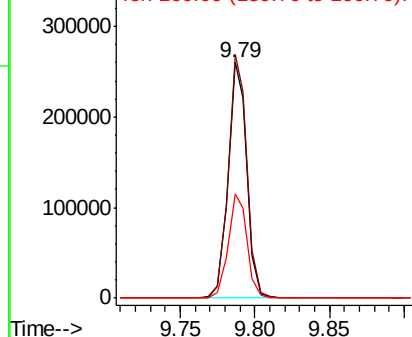


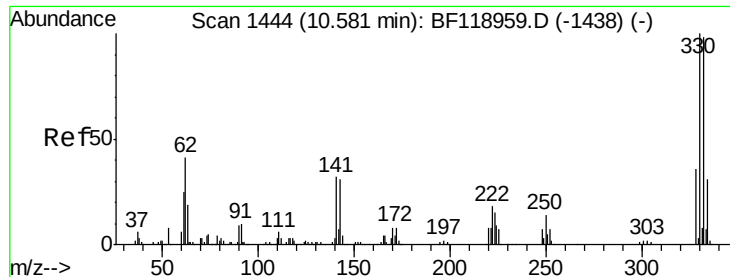
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Tgt Ion: 164 Resp: 230271
Ion Ratio Lower Upper
164 100
162 103.4 81.2 121.8
160 44.3 35.2 52.8



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

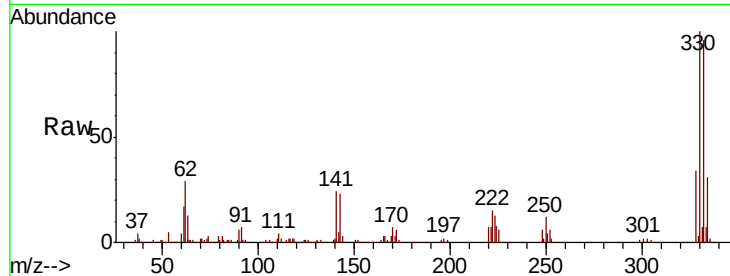




#42
 2,4,6-Tribromophenol
 Concen: 99.546 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF118996.D
 Acq: 21 Feb 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	29.3	23.0	34.6

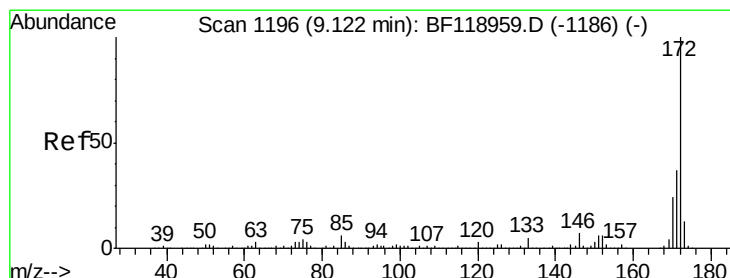
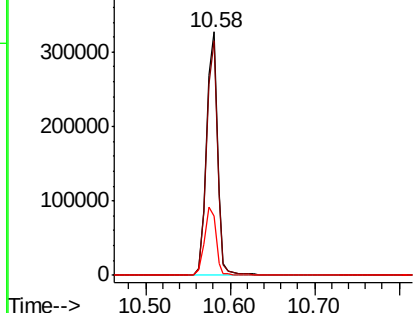
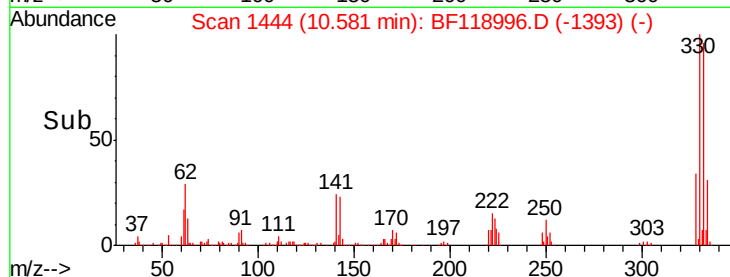


Abundance

Ion 329.80 (329.50 to 330.50): E

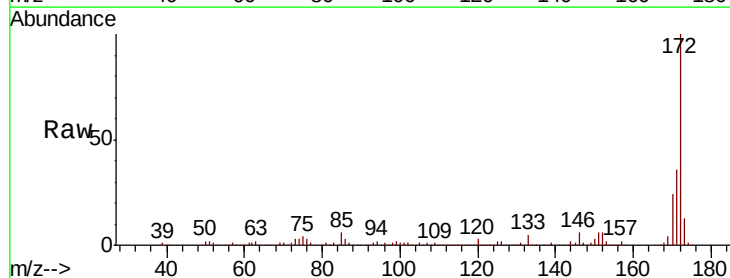
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.250 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118996.D
 Acq: 21 Feb 2020 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.1	19.6	29.4

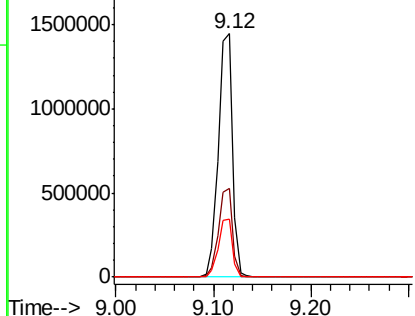
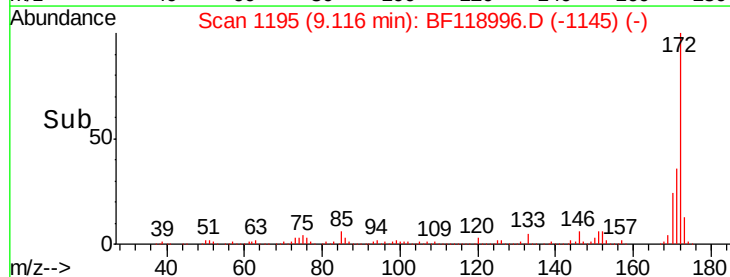


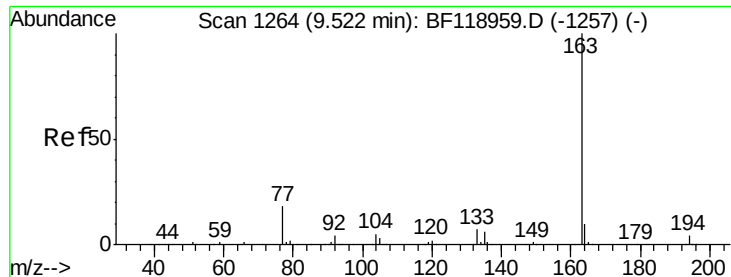
Abundance

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

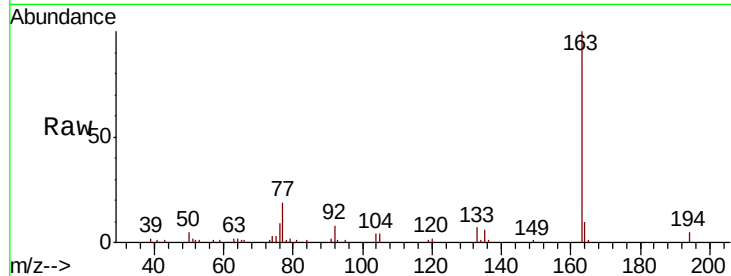




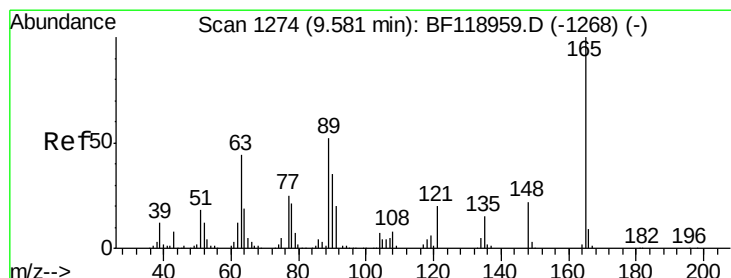
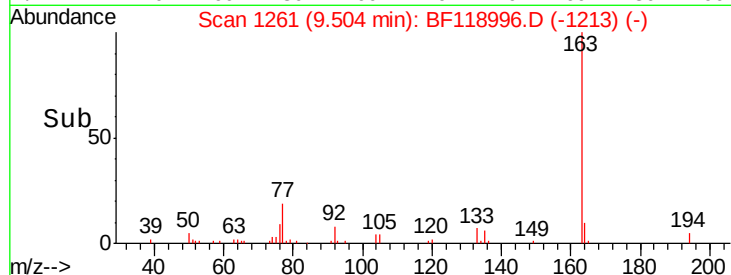
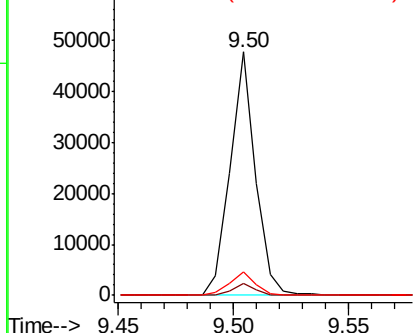
#50
Dimethylphthalate
Concen: 2.063 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 36319
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 9.7 8.2 12.2

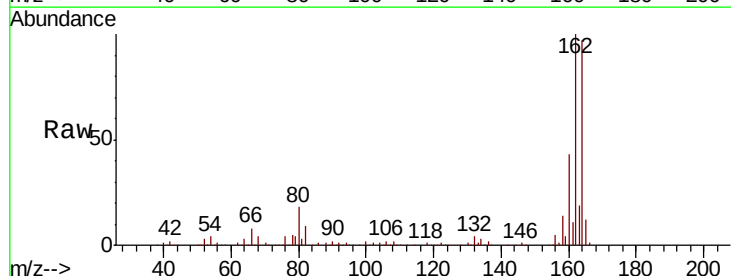


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

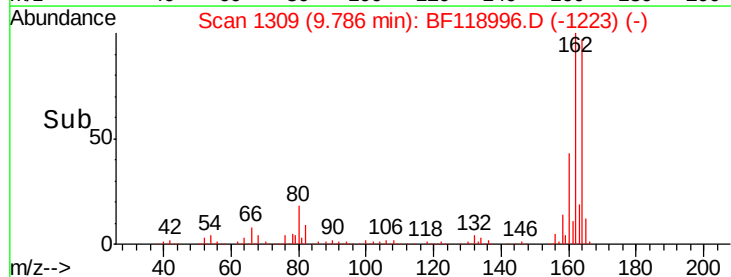
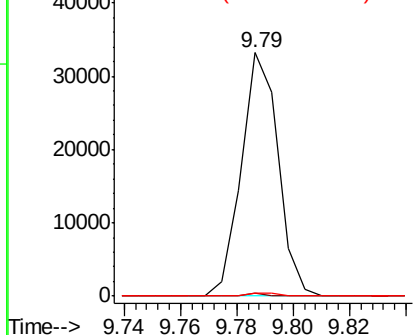


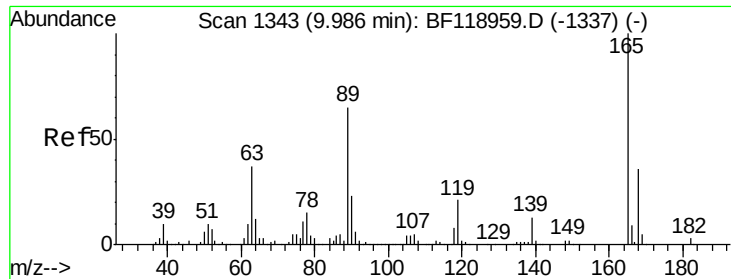
#51
2,6-Dinitrotoluene
Concen: 7.641 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Tgt Ion:165 Resp: 29894
Ion Ratio Lower Upper
165 100
63 1.3 37.9 56.9#
89 1.2 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

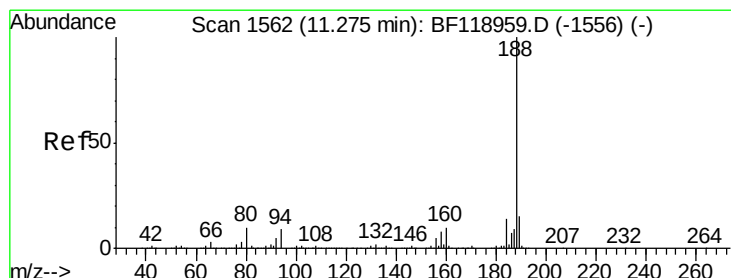
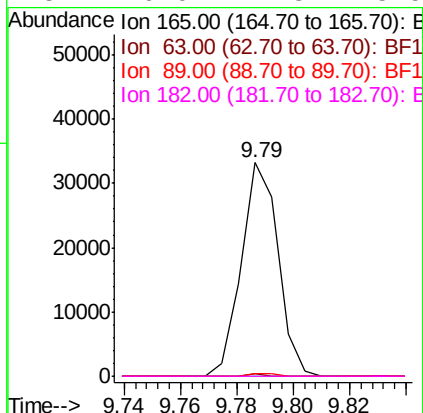
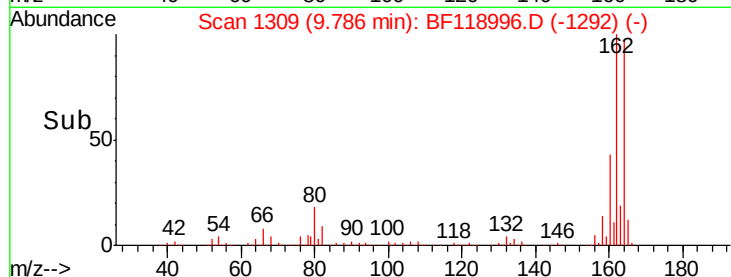
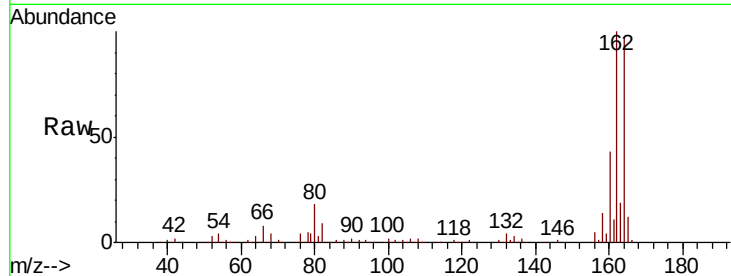




#57
 2,4-Dinitrotoluene
 Concen: 5.895 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF118996.D
 Acq: 21 Feb 2020 16:51

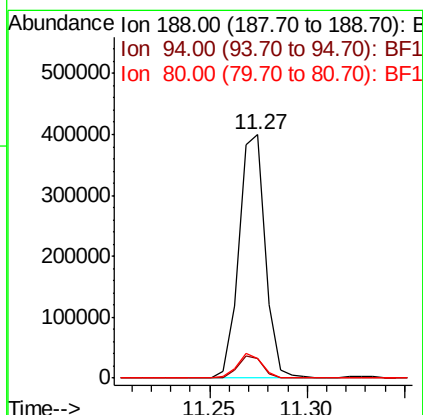
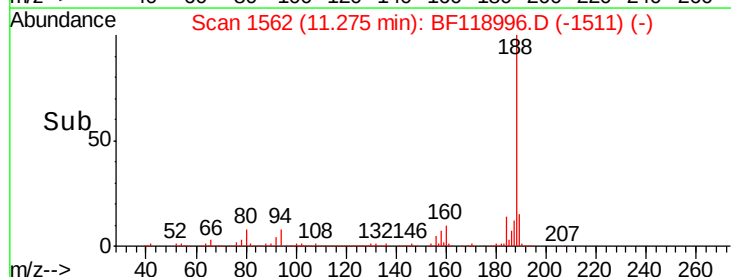
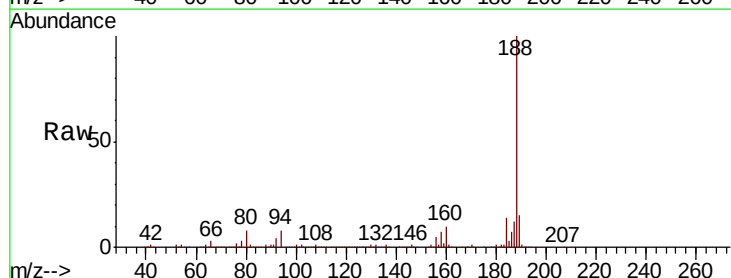
Instrument :
 BNA_F
 ClientSampled :

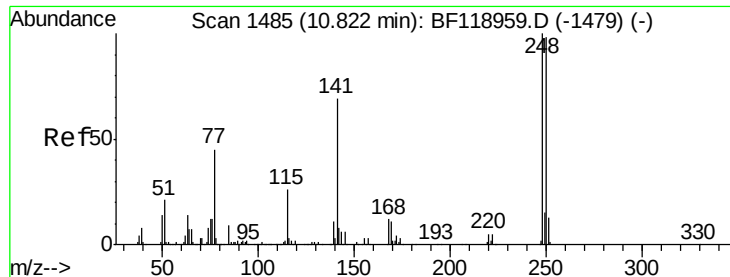
Tot Ion:165	Resp:	29894
Ion Ratio	Lower	Upper
165	100	
63	1.3	29.8 44.8#
89	1.2	51.9 77.9#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF118996.D
 Acq: 21 Feb 2020 16:51

Tgt Ion:188	Resp:	374253
Ion Ratio	Lower	Upper
188	100	
94	8.2	7.0 10.6
80	8.1	7.9 11.9

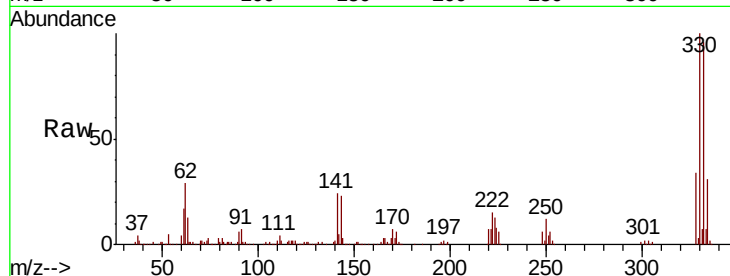




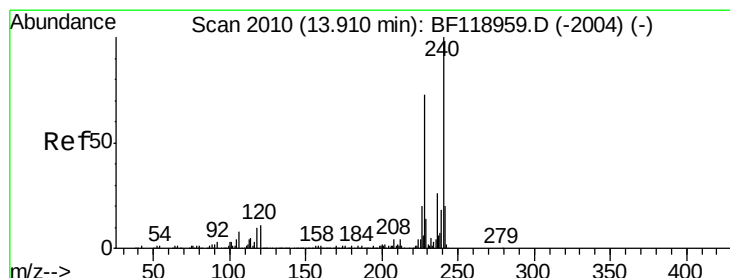
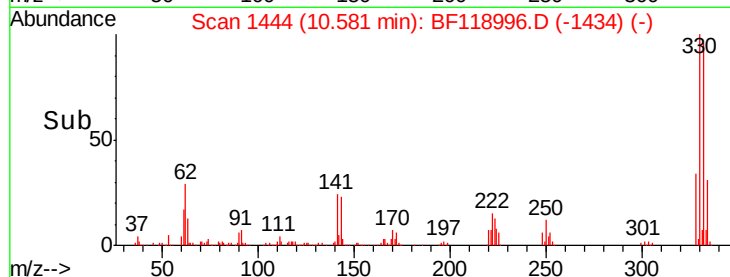
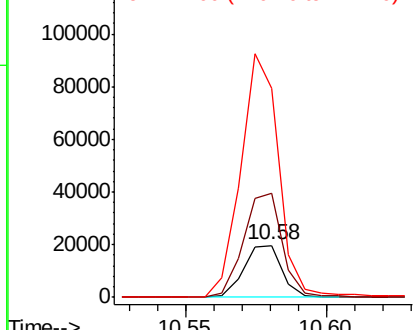
#67
4-Bromophenyl-phenylether
Concen: 3.821 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 18694
Ion Ratio Lower Upper
248 100
250 201.9 78.8 118.2#
141 403.1 55.3 82.9#

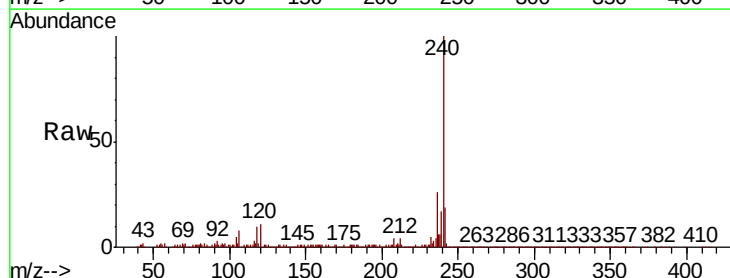


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

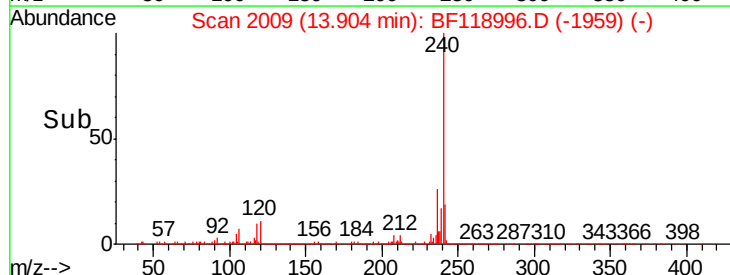
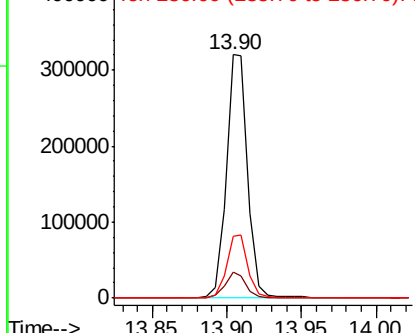


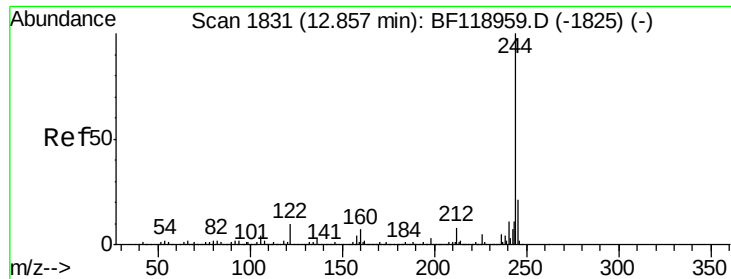
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Tgt Ion:240 Resp: 318478
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.7 20.6 30.8



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

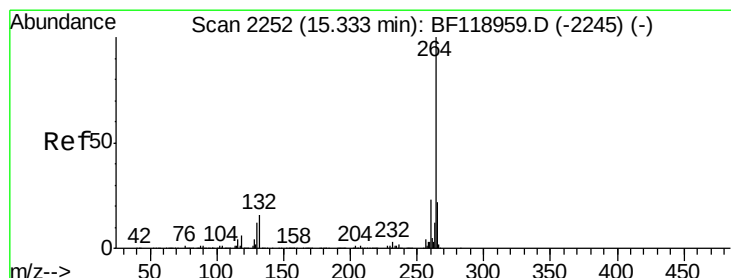
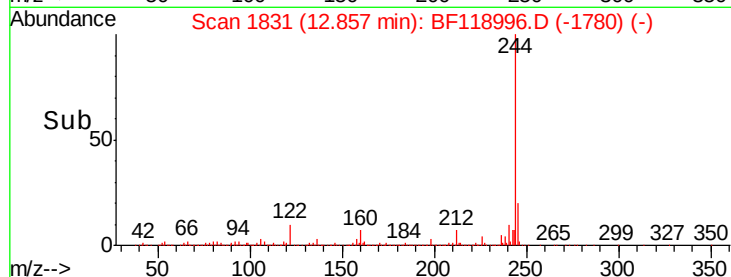
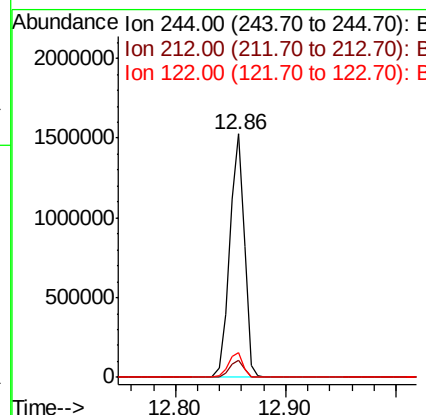
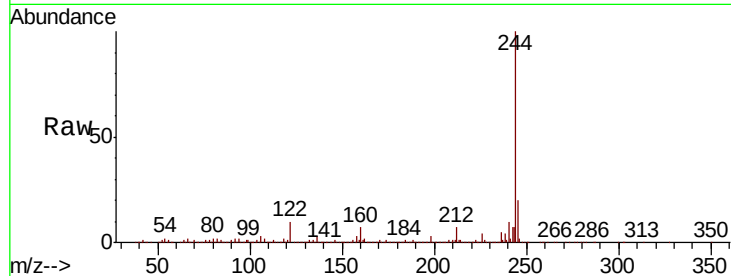




#79
 Terphenyl-d14
 Concen: 77.054 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF118996.D
 Acq: 21 Feb 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1425365
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 10.0 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BF118996.D
 Acq: 21 Feb 2020 16:51

Tgt Ion:264 Resp: 303119
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.8 17.3 25.9

