

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119140.D
 Acq On : 28 Feb 2020 19:54
 Operator : CG/JU
 Sample : L1700-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:40:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

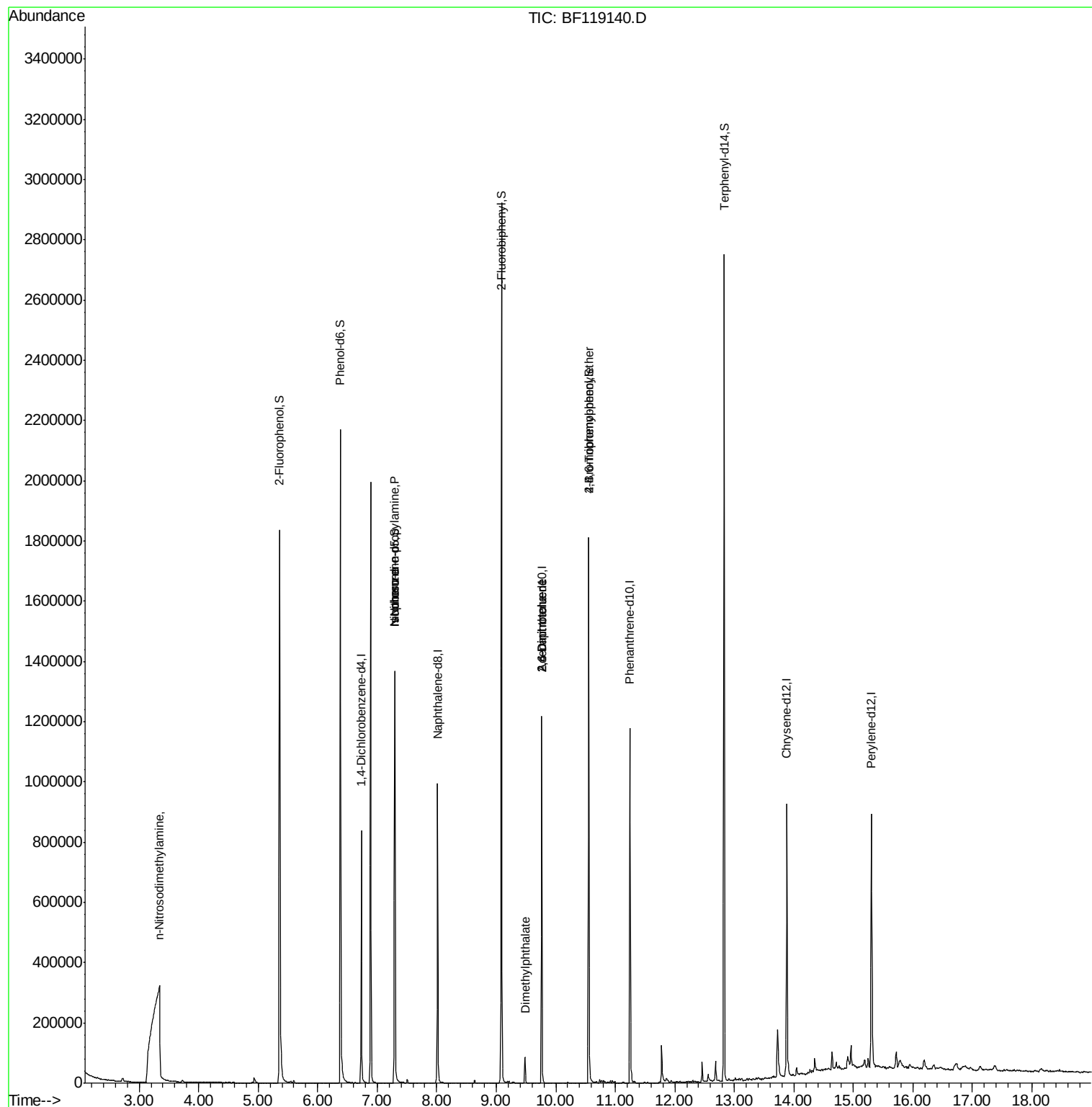
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	129411	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	479352	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	251075	20.00	ng	-0.02
64) Phenanthrene-d10	11.24	188	437209	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	292961	20.00	ng	-0.02
87) Perylene-d12	15.30	264	372962	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	651068	84.08	ng	0.00
7) Phenol-d6	6.38	99	774105	82.20	ng	-0.02
23) Nitrobenzene-d5	7.29	82	509178	56.09	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	244251	74.37	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	904854	53.09	ng	-0.02
79) Terphenyl-d14	12.83	244	956058	56.19	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.35	42	78243	27.431	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	69251	12.619	ng	# 73
25) Isophorone	7.29	82	502533	31.873	ng	# 63
50) Dimethylphthalate	9.49	163	40470	2.108	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	31780	7.450	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	31780	5.748	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	15528	2.717	ng	# 1

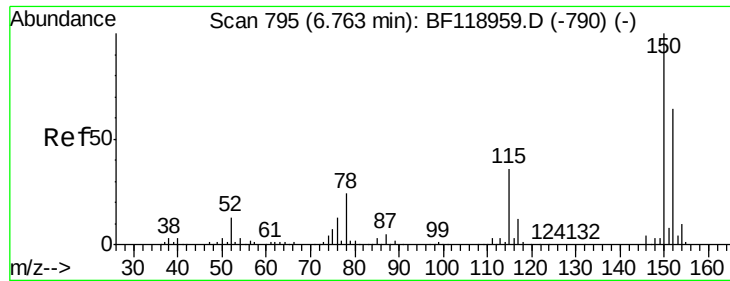
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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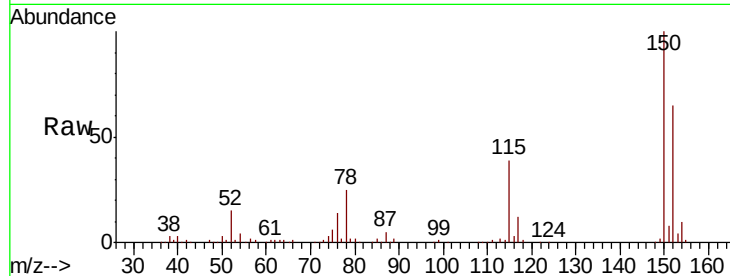


#1

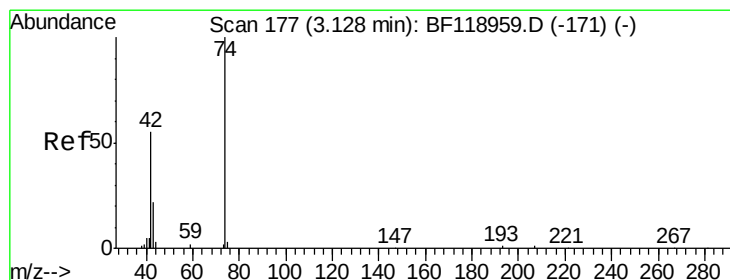
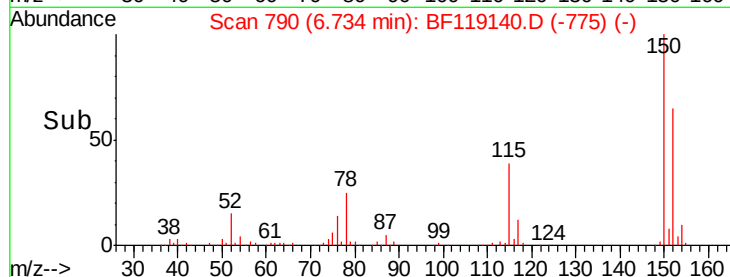
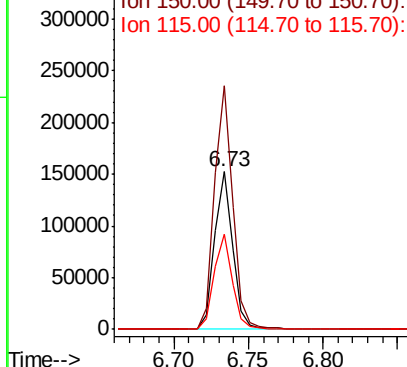
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119140.D
Acq: 28 Feb 2020 19:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.0	184.6
115	60.4	49.5	74.3



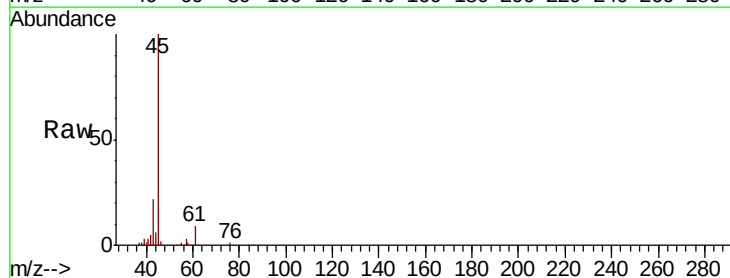
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



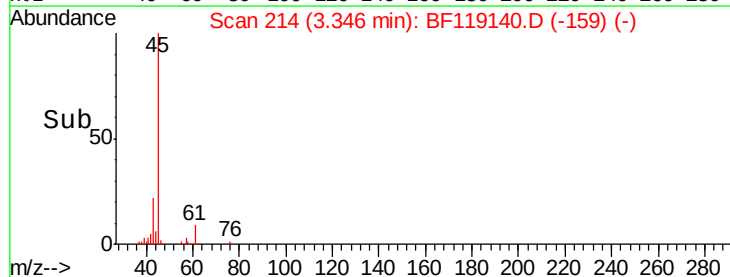
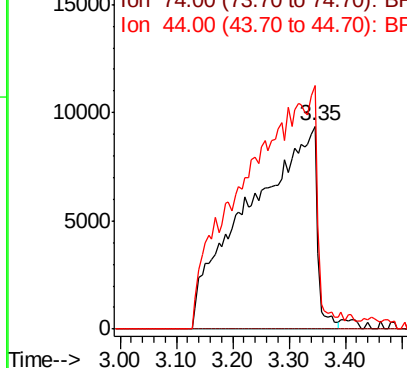
#4

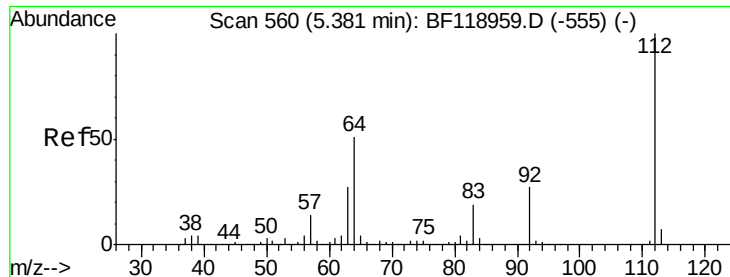
n-Nitrosodimethylamine
Concen: 27.431 ng
RT: 3.35 min Scan# 214
Delta R.T. 0.22 min
Lab File: BF119140.D
Acq: 28 Feb 2020 19:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	137.7	206.5#
44	119.9	4.5	6.7#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.077 ng

RT: 5.36 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF119140.D

Acq: 28 Feb 2020 19:54

Instrument :

BNA_F

ClientSampled :

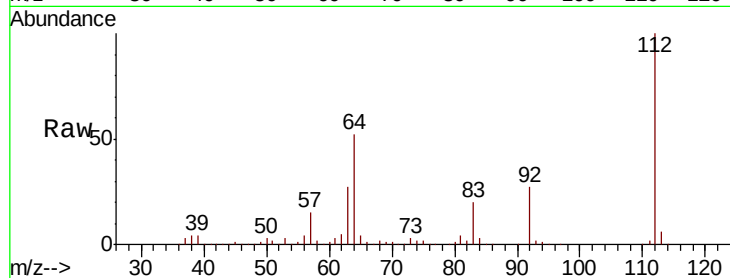
Tot Ion: 112 Resp: 651068

Ion Ratio Lower Upper

112 100

64 52.2 45.0 67.4

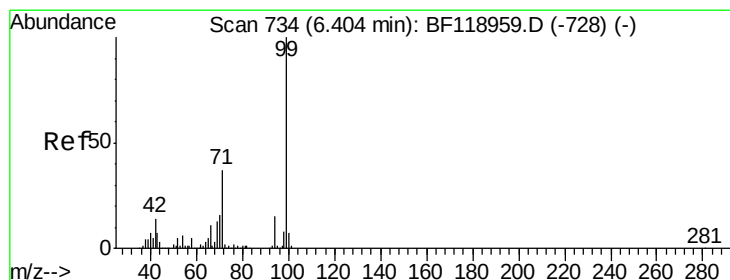
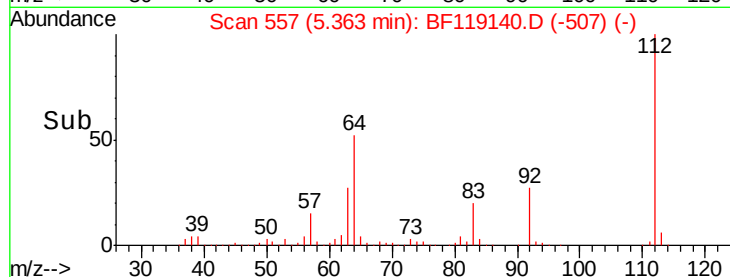
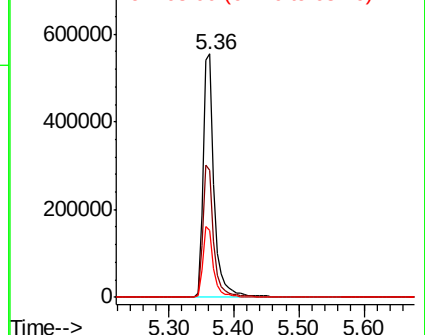
63 27.5 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 82.196 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119140.D

Acq: 28 Feb 2020 19:54

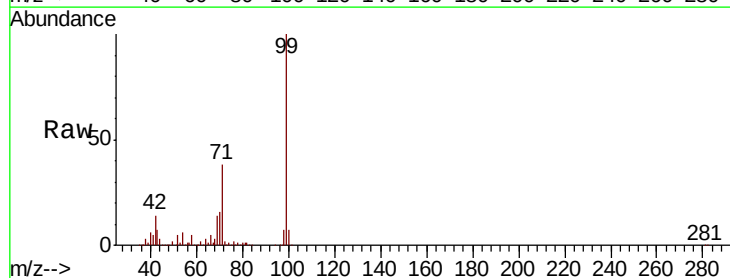
Tgt Ion: 99 Resp: 774105

Ion Ratio Lower Upper

99 100

42 14.5 12.6 18.8

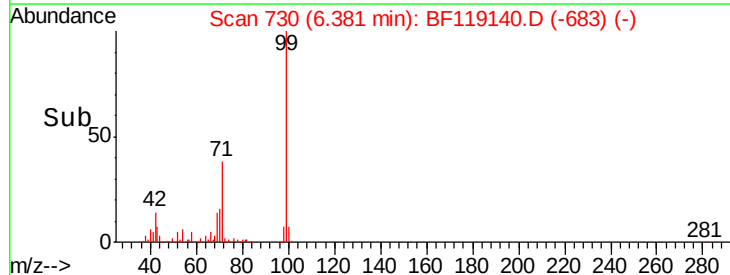
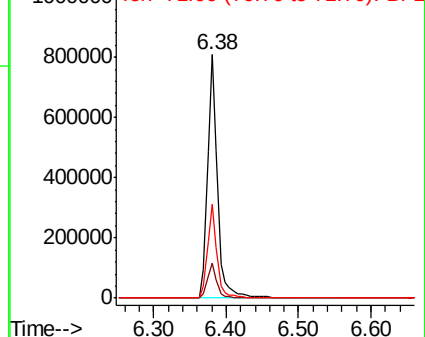
71 38.3 31.0 46.4

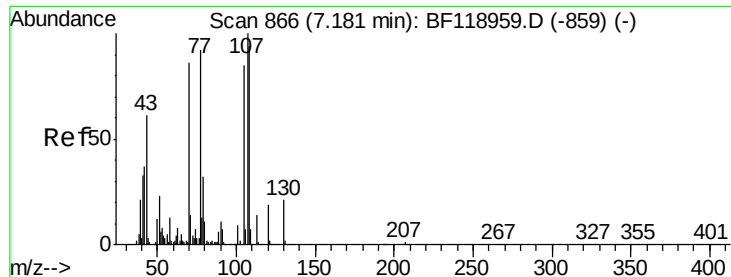


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

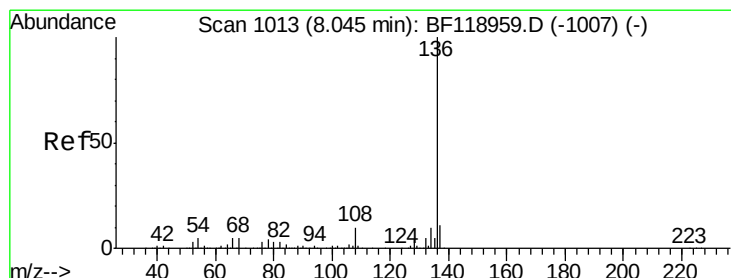
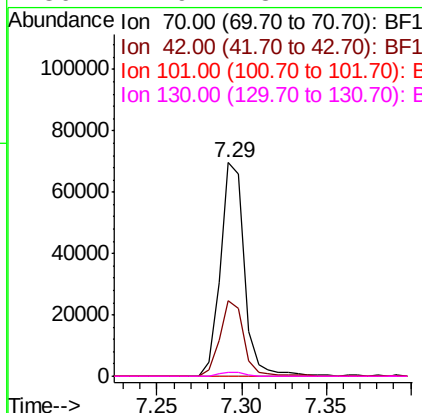
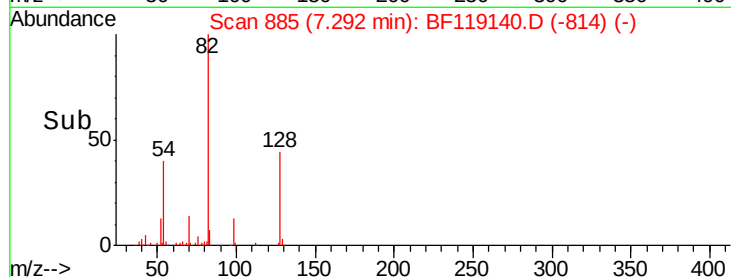
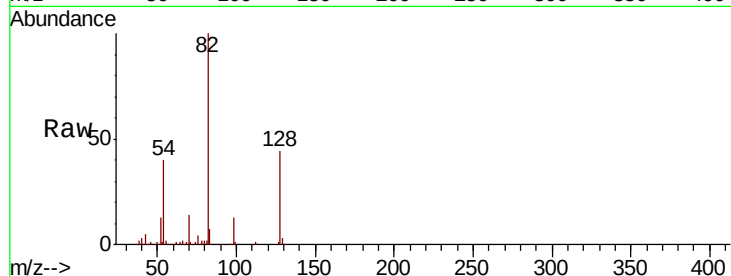




#19
n-Nitroso-di-n-propylamine
Concen: 12.619 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.12 min
Lab File: BF119140.D
Acq: 28 Feb 2020 19:54

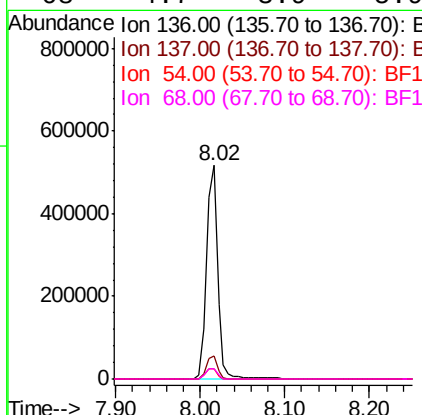
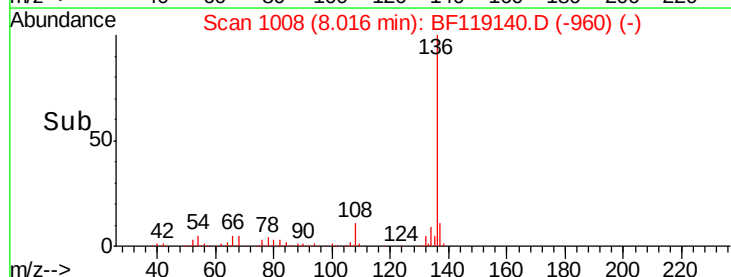
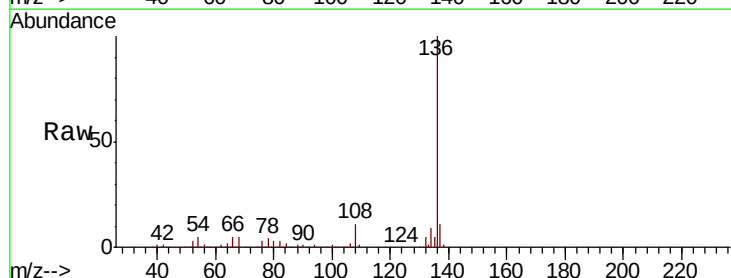
Instrument :
BNA_F
ClientSampled :

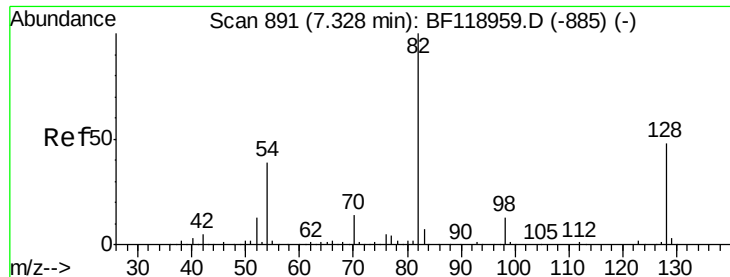
Tot Ion: 70 Resp: 69251
Ion Ratio Lower Upper
70 100
42 35.2 38.0 57.0#
101 0.0 8.2 12.4#
130 1.9 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119140.D
Acq: 28 Feb 2020 19:54

Tgt Ion: 136 Resp: 479352
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 4.7 3.8 5.6
68 4.7 3.9 5.9





#23

Nitrobenzene-d5

Concen: 56.085 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF119140.D

Acq: 28 Feb 2020 19:54

Instrument :

BNA_F

ClientSampleId :

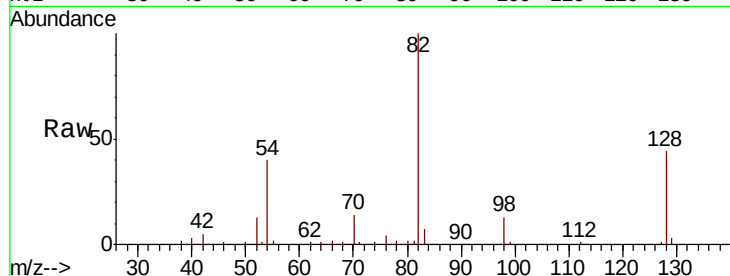
Tot Ion: 82 Resp: 509178

Ion Ratio Lower Upper

82 100

128 44.0 37.9 56.9

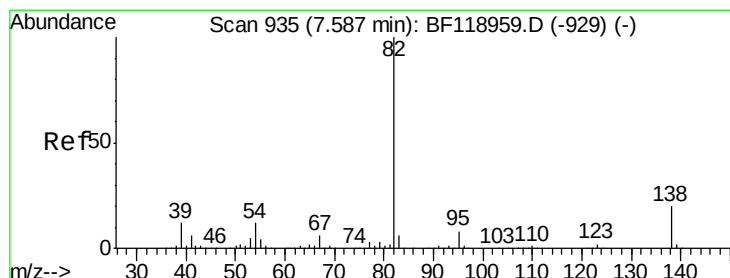
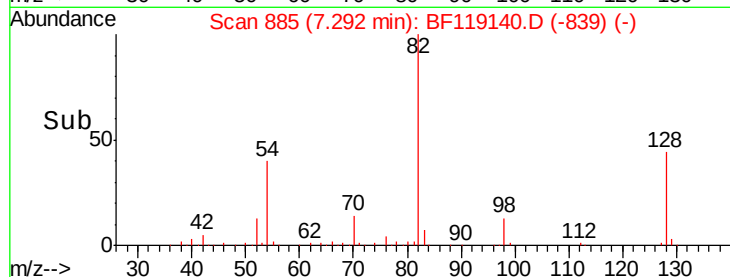
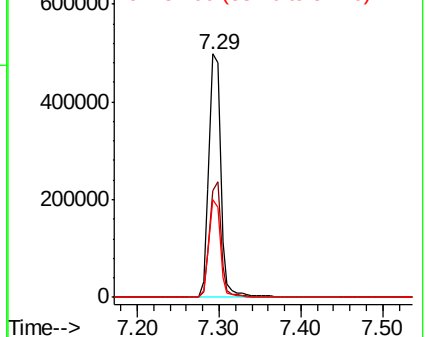
54 40.0 33.4 50.2



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: 31.873 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.29 min

Lab File: BF119140.D

Acq: 28 Feb 2020 19:54

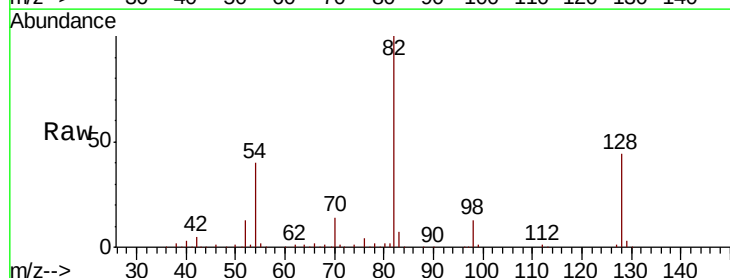
Tgt Ion: 82 Resp: 502533

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

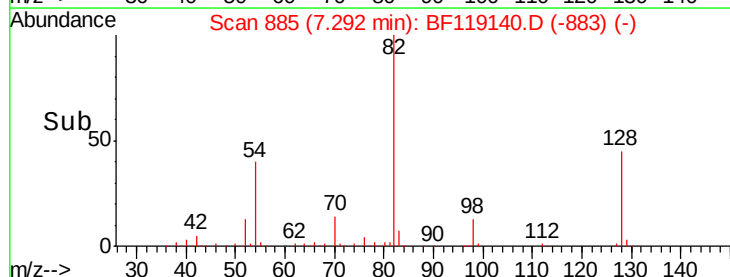
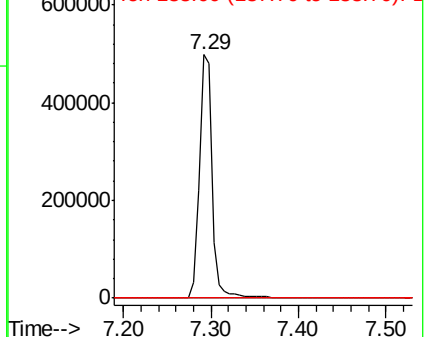
138 0.0 15.7 23.5#

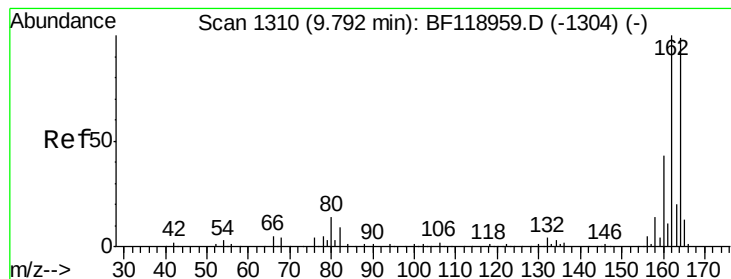


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119140.D

Acq: 28 Feb 2020 19:54

Instrument :

BNA_F

ClientSampleId :

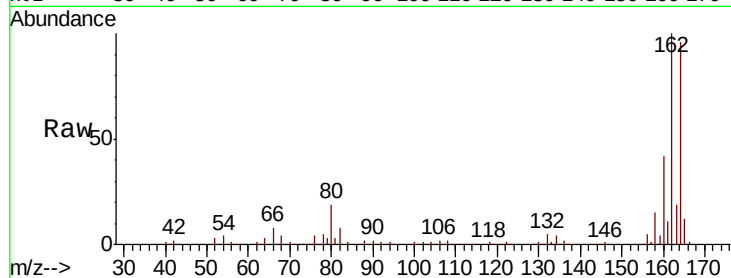
Tot Ion:164 Resp: 251075

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.8

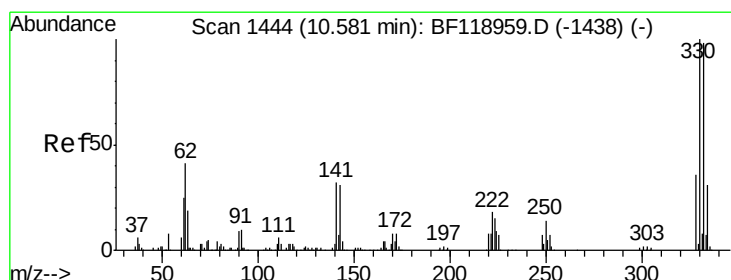
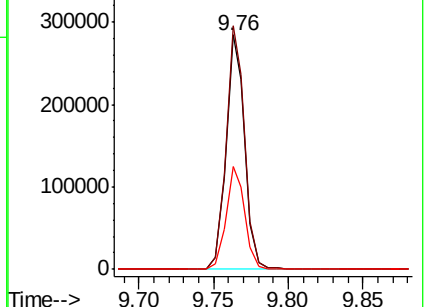
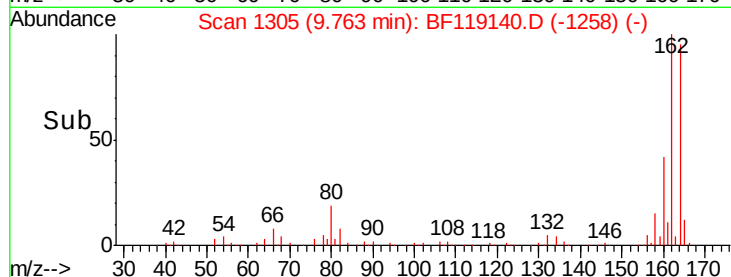
160 43.8 36.0 54.0



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: 74.365 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119140.D

Acq: 28 Feb 2020 19:54

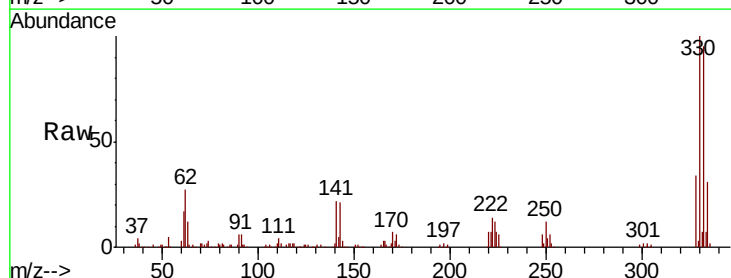
Tgt Ion:330 Resp: 244251

Ion Ratio Lower Upper

330 100

332 95.0 76.0 114.0

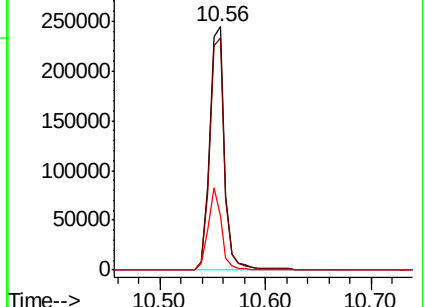
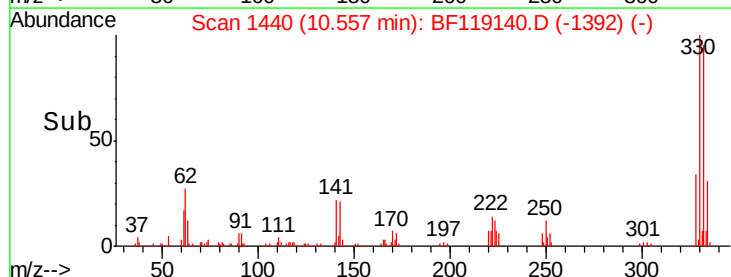
141 30.0 22.9 34.3

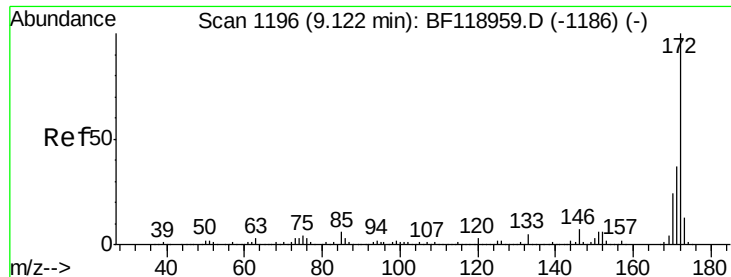


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

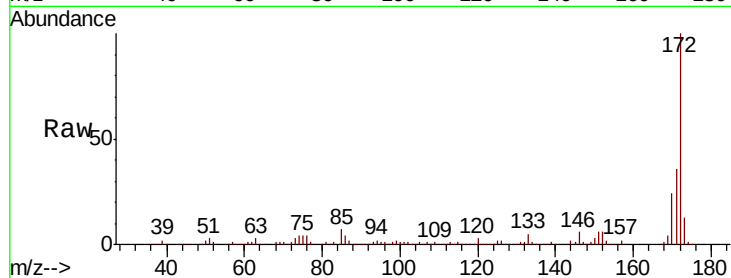




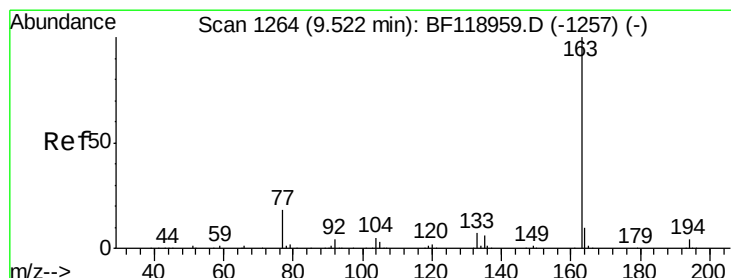
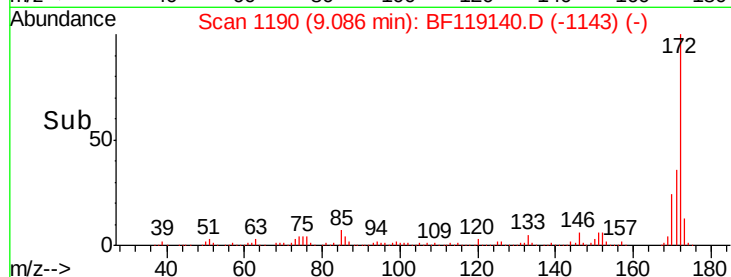
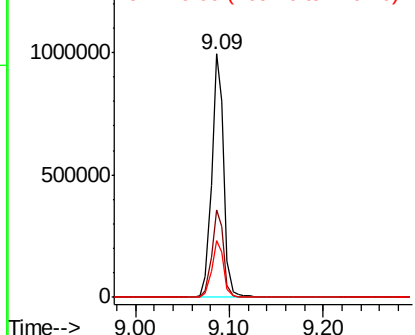
#45
2-Fluorobiphenyl
Concen: 53.092 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119140.D
Acq: 28 Feb 2020 19:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 904854
Ion Ratio Lower Upper
172 100
171 36.1 30.6 45.8
170 23.6 20.2 30.2

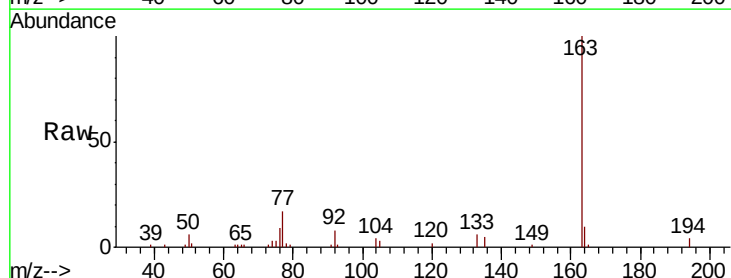


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

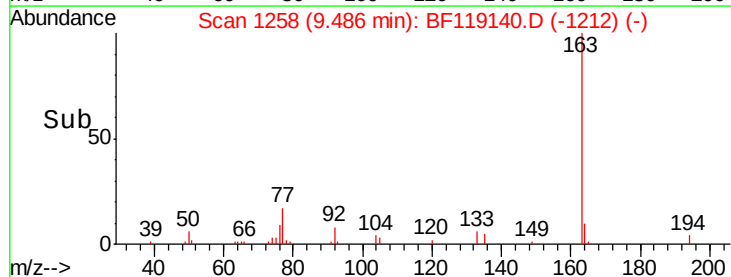
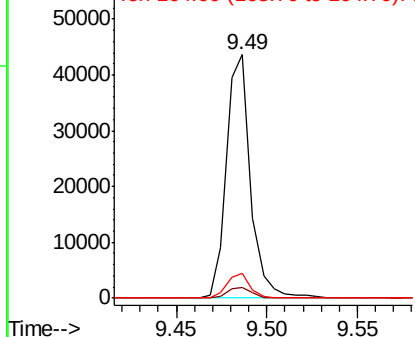


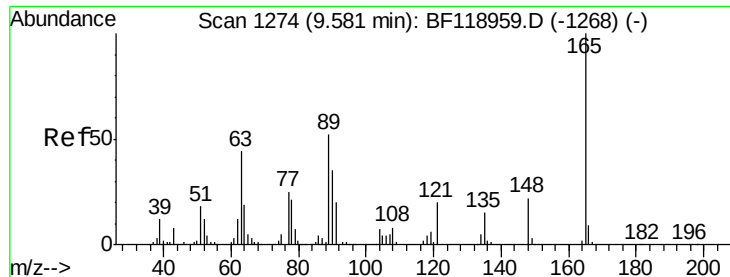
#50
Dimethylphthalate
Concen: 2.108 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119140.D
Acq: 28 Feb 2020 19:54

Tgt Ion:163 Resp: 40470
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.2 8.4 12.6



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

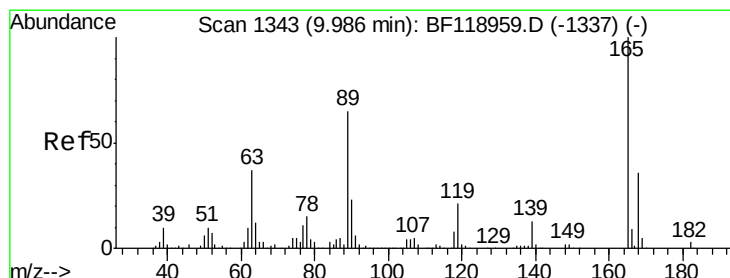
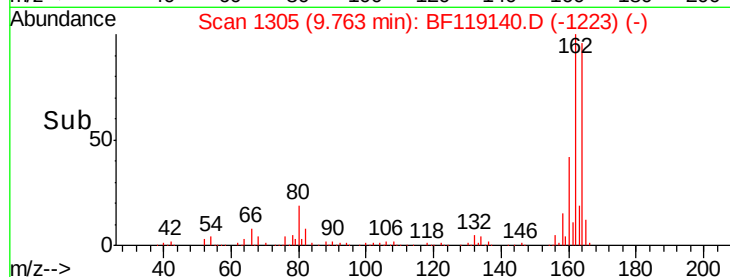
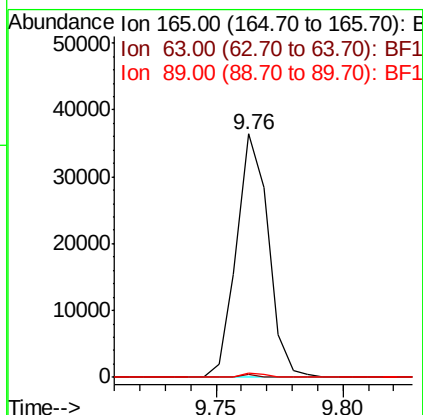
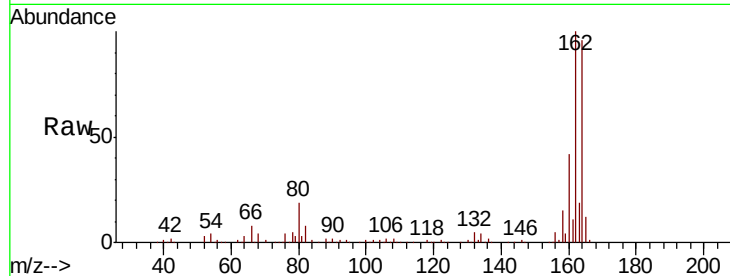




#51
 2,6-Dinitrotoluene
 Concen: 7.450 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.18 min
 Lab File: BF119140.D
 Acq: 28 Feb 2020 19:54

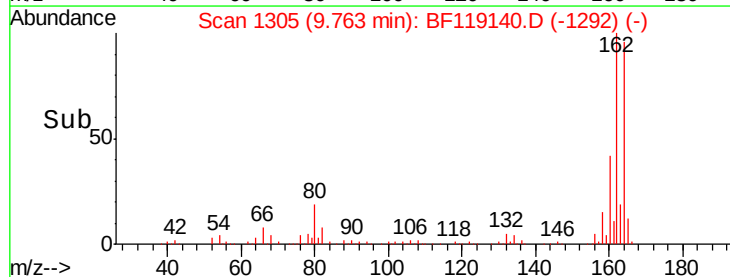
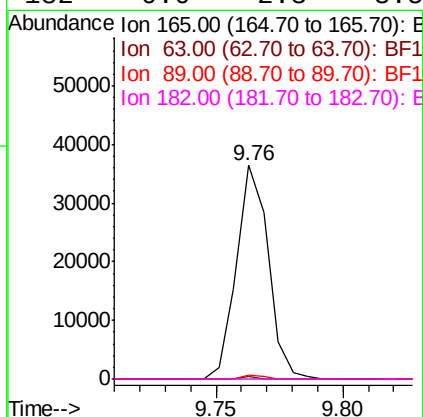
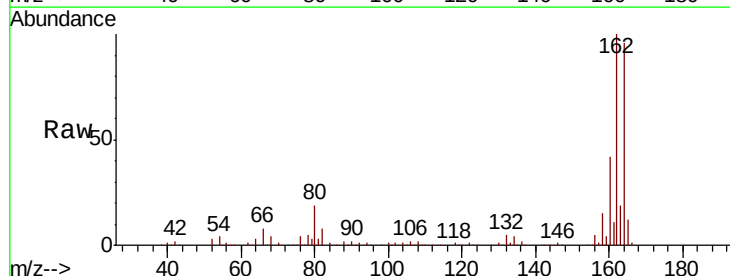
Instrument :
 BNA_F
 ClientSampled :

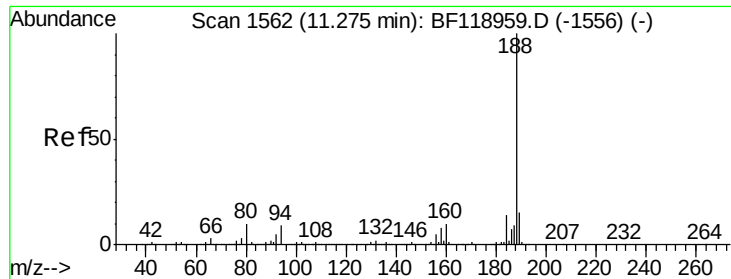
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.7	38.3	57.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.748 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.22 min
 Lab File: BF119140.D
 Acq: 28 Feb 2020 19:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.3	63.5#
89	1.7	60.2	90.4#
182	0.0	2.3	3.5#

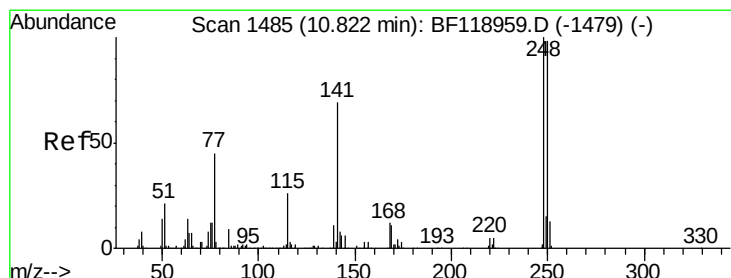
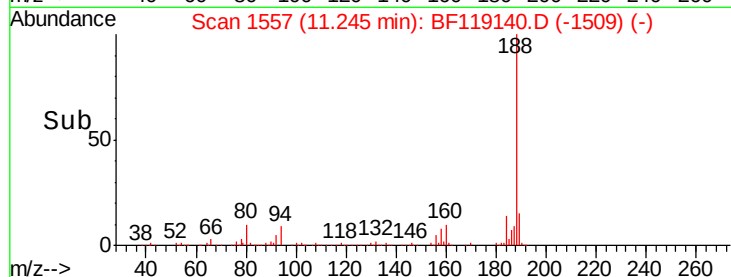
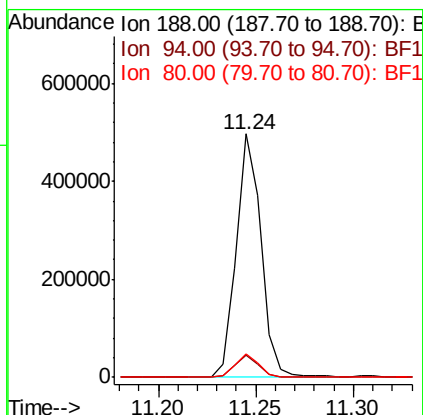
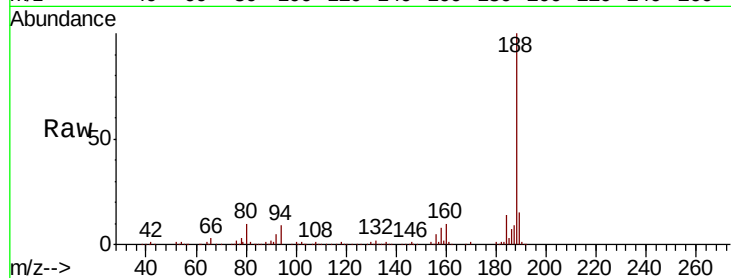




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119140.D
Acq: 28 Feb 2020 19:54

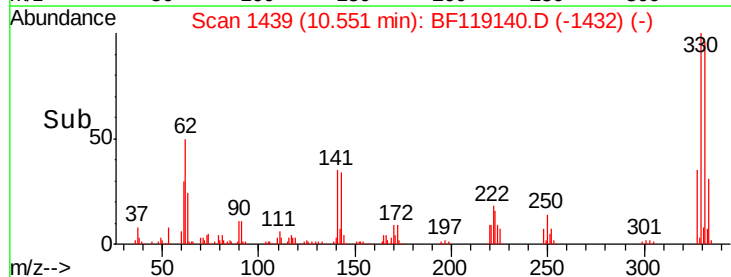
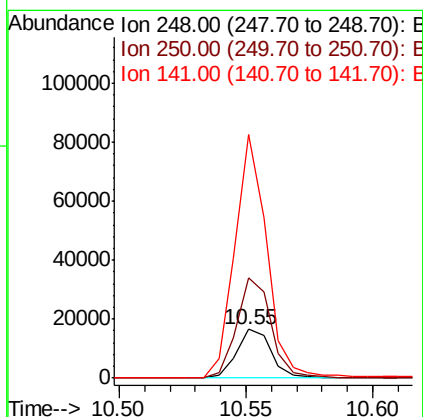
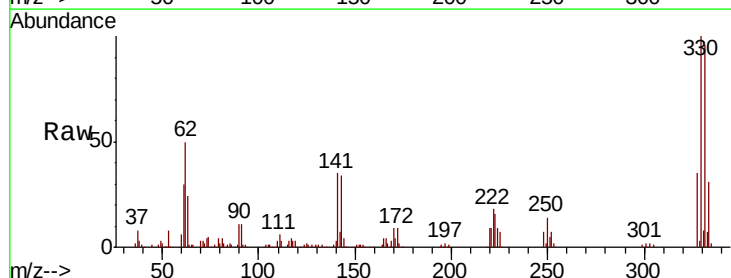
Instrument :
BNA_F
ClientSampleId :

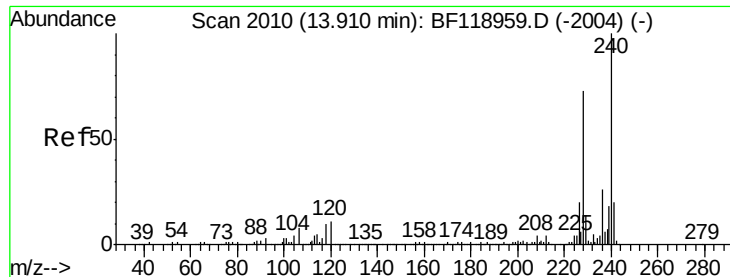
Tot Ion:188 Resp: 437209
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.6 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 2.717 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119140.D
Acq: 28 Feb 2020 19:54

Tgt Ion:248 Resp: 15528
Ion Ratio Lower Upper
248 100
250 206.1 76.7 115.1#
141 501.8 60.7 91.1#

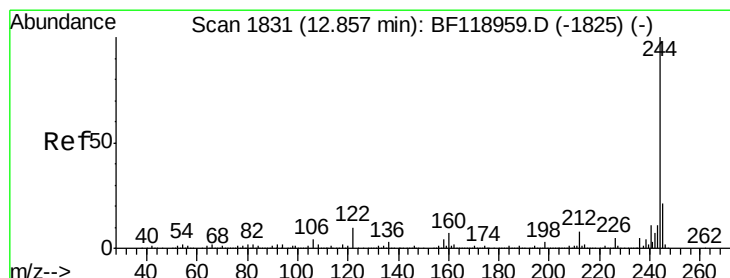
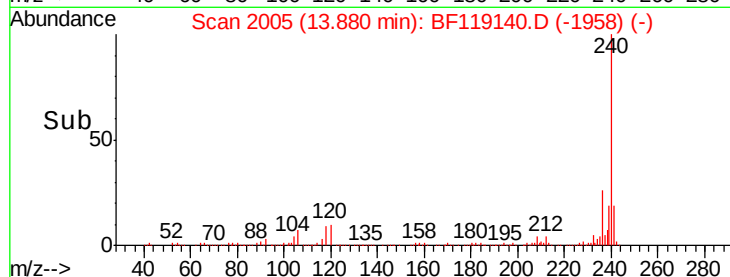
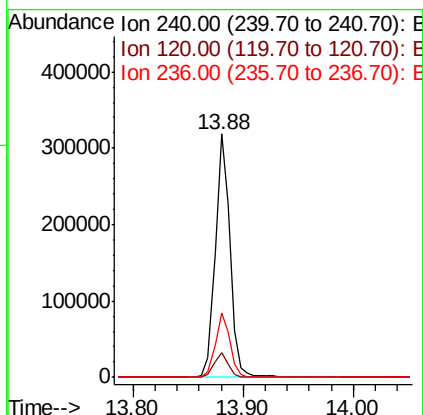
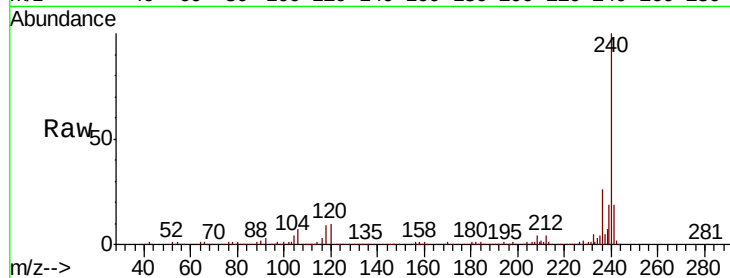




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF119140.D
 Acq: 28 Feb 2020 19:54

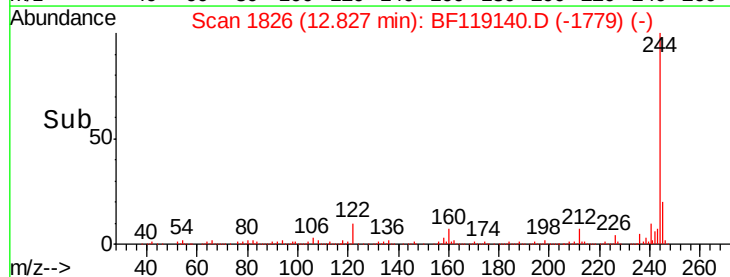
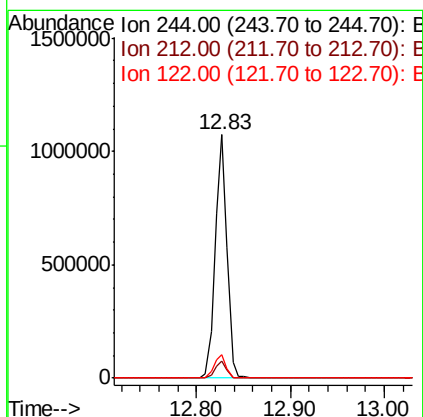
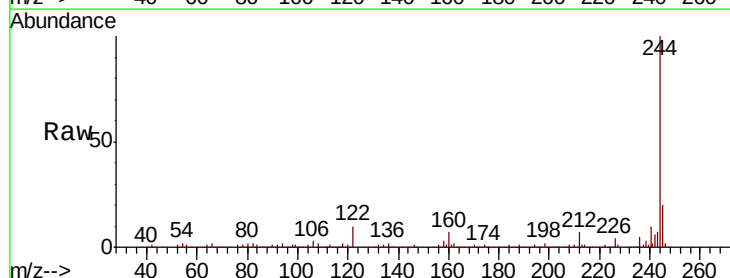
Instrument :
 BNA_F
 ClientSampleId :

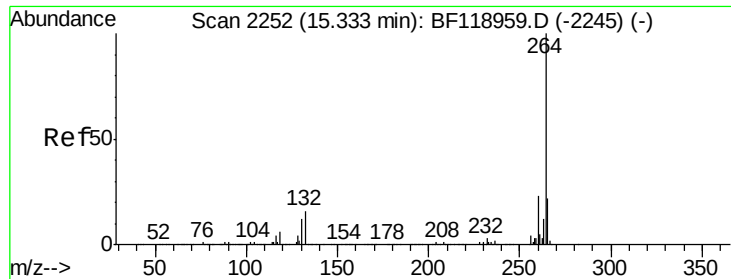
Tot Ion:240 Resp: 292961
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 26.3 21.0 31.4



#79
 Terphenyl-d14
 Concen: 56.186 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119140.D
 Acq: 28 Feb 2020 19:54

Tgt Ion:244 Resp: 956058
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.6 10.0
 122 9.6 8.2 12.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119140.D
 Acq: 28 Feb 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.0	17.7	26.5

