

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119142.D
 Acq On : 28 Feb 2020 20:53
 Operator : CG/JU
 Sample : L1373-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:40:42 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

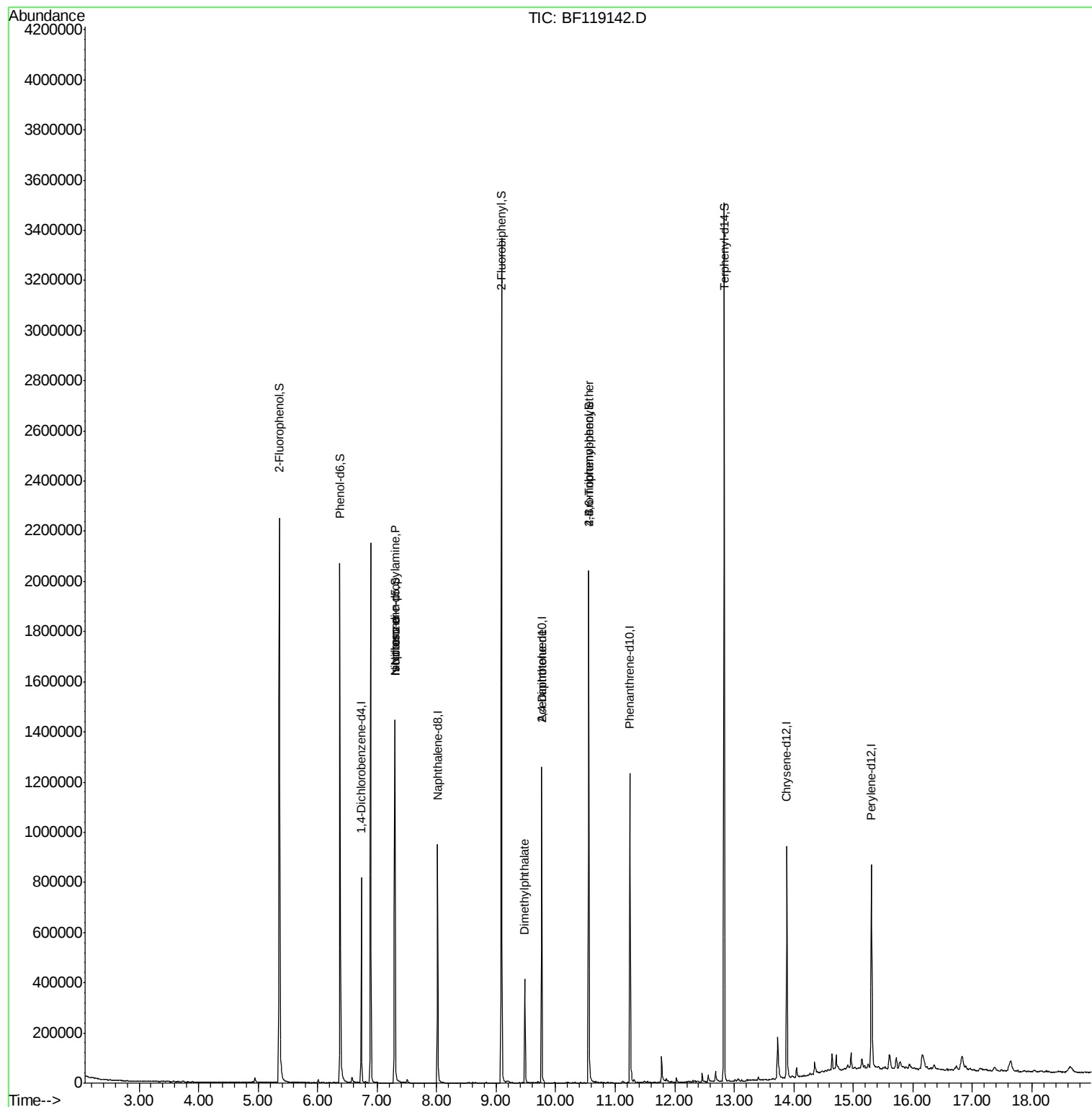
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	121899	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	470049	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	251120	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	454856	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	305179	20.00	ng	-0.02
87) Perylene-d12	15.30	264	363678	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	676632	92.76	ng	-0.01
7) Phenol-d6	6.38	99	826843	93.21	ng	-0.02
23) Nitrobenzene-d5	7.30	82	536948	60.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	285423	86.88	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1100527	64.56	ng	-0.02
79) Terphenyl-d14	12.83	244	1259620	71.06	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	74419	14.397	ng	# 75
25) Isophorone	7.30	82	531295	34.364	ng	# 63
50) Dimethylphthalate	9.48	163	171125	8.912	ng	99
57) 2,4-Dinitrotoluene	9.76	165	32738	5.920	ng	# 20
67) 4-Bromophenyl-phenylether	10.55	248	18721	3.149	ng	# 1

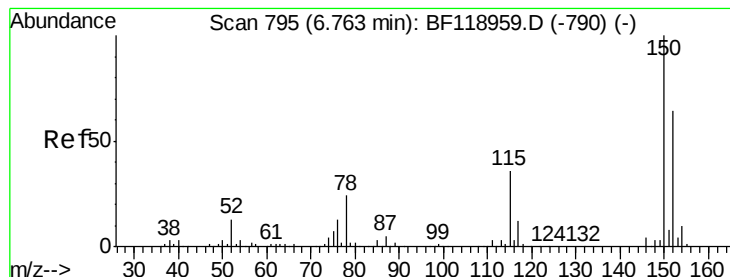
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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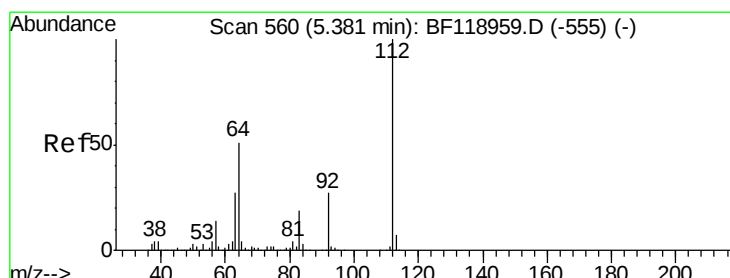
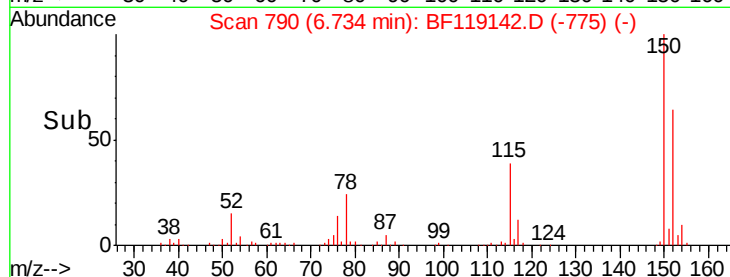
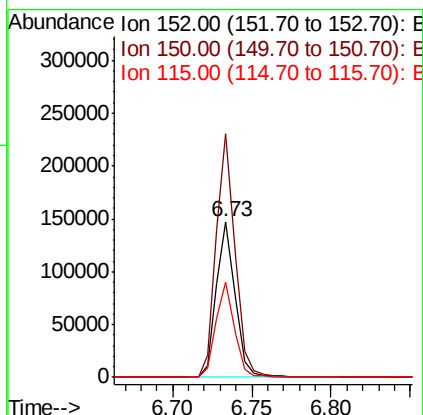
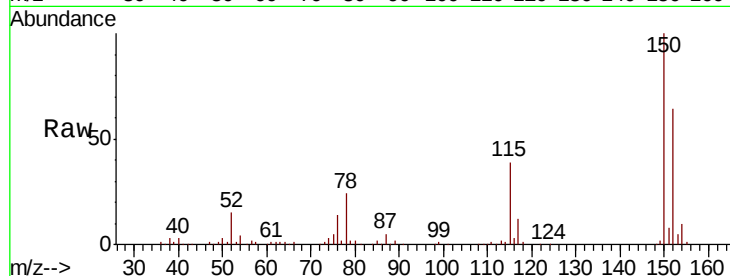




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119142.D
 Acq: 28 Feb 2020 20:53

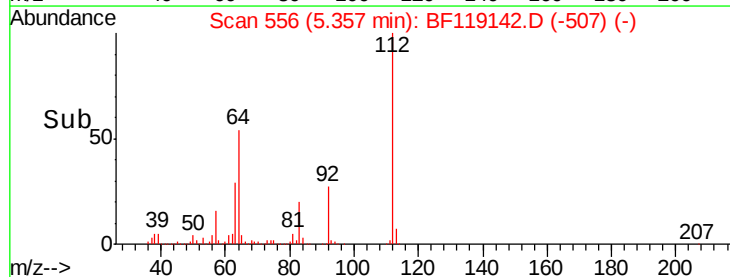
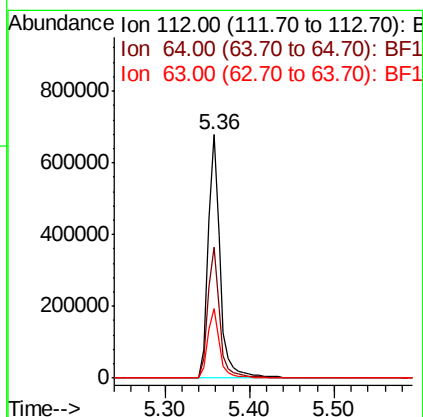
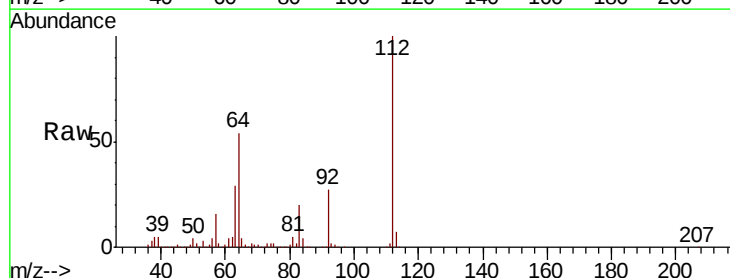
Instrument :
 BNA_F
 ClientSampleId :

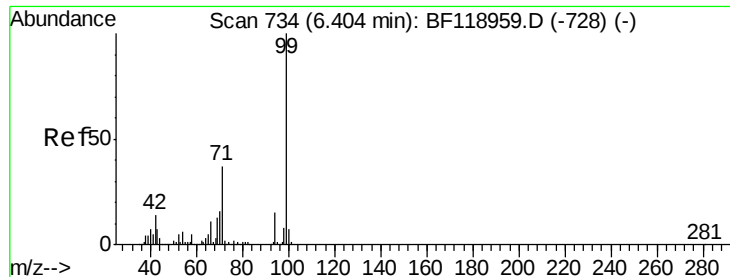
Tot Ion:152 Resp: 121899
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.0 184.6
 115 60.8 49.5 74.3



#5
 2-Fluorophenol
 Concen: 92.763 ng
 RT: 5.36 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF119142.D
 Acq: 28 Feb 2020 20:53

Tgt Ion:112 Resp: 676632
 Ion Ratio Lower Upper
 112 100
 64 53.9 45.0 67.4
 63 28.8 24.2 36.4





#7

Phenol-d6

Concen: 93.206 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119142.D

Acq: 28 Feb 2020 20:53

Instrument :

BNA_F

ClientSampleId :

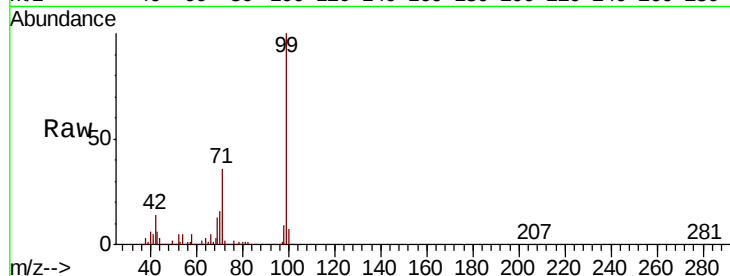
Tot Ion: 99 Resp: 826843

Ion Ratio Lower Upper

99 100

42 13.6 12.6 18.8

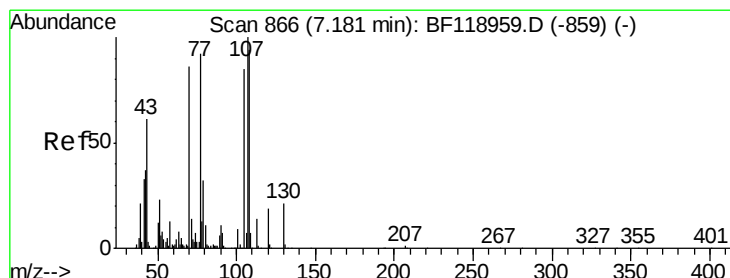
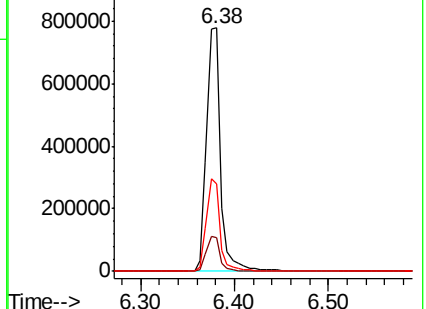
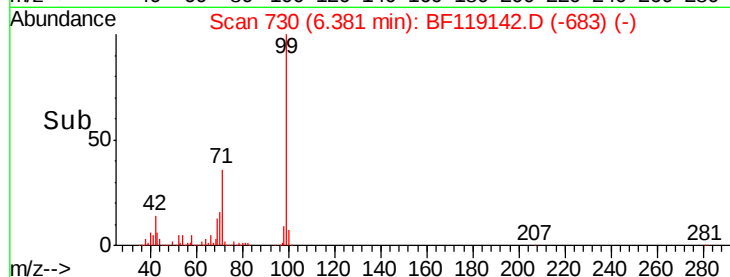
71 36.2 31.0 46.4



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: 14.397 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.12 min

Lab File: BF119142.D

Acq: 28 Feb 2020 20:53

Tgt Ion: 70 Resp: 74419

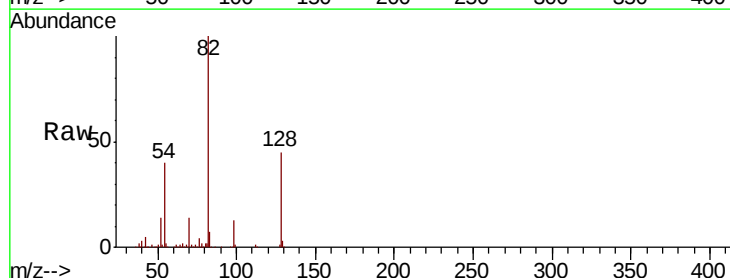
Ion Ratio Lower Upper

70 100

42 36.7 38.0 57.0#

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#

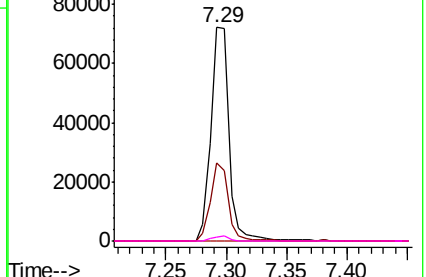
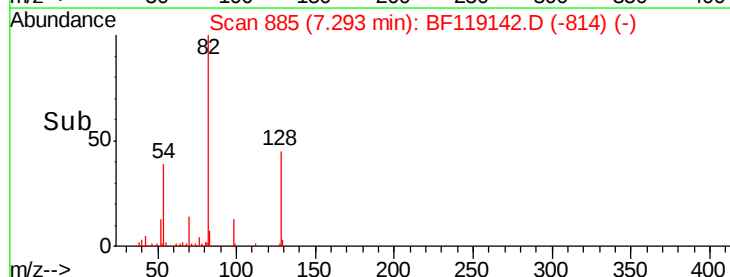


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119142.D

Acq: 28 Feb 2020 20:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 470049

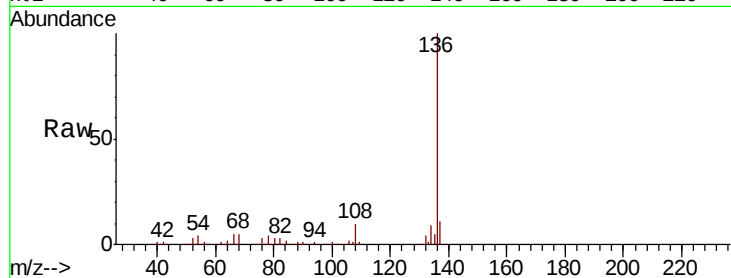
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 4.4 3.8 5.6

68 4.8 3.9 5.9

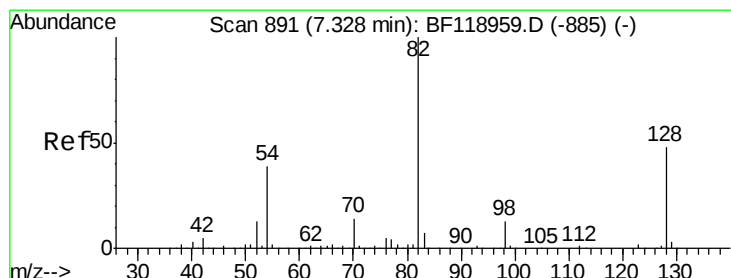
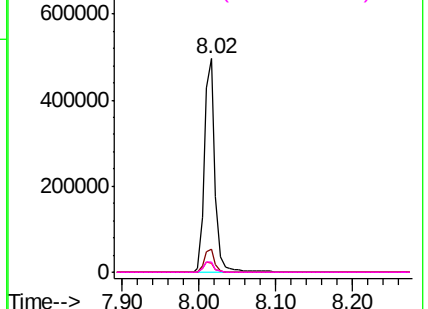
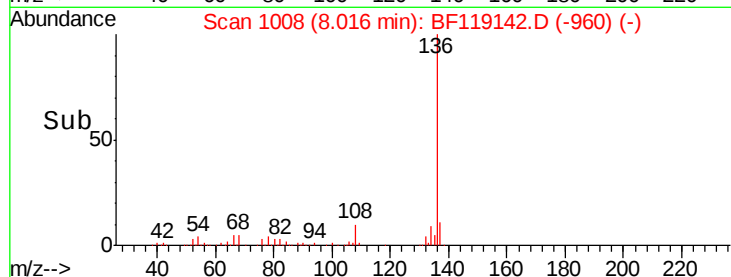


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.315 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF119142.D

Acq: 28 Feb 2020 20:53

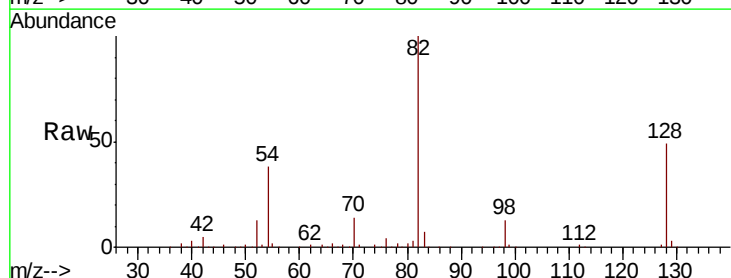
Tgt Ion: 82 Resp: 536948

Ion Ratio Lower Upper

82 100

128 49.1 37.9 56.9

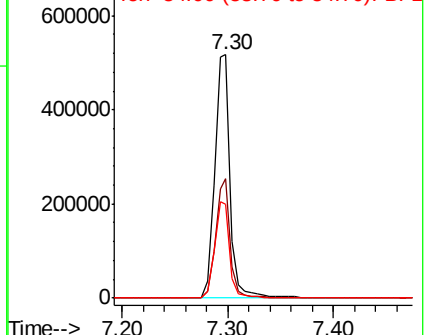
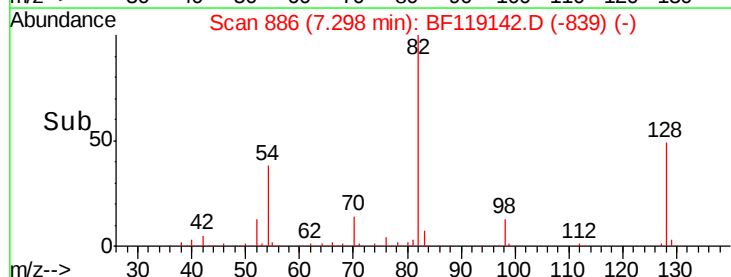
54 38.3 33.4 50.2

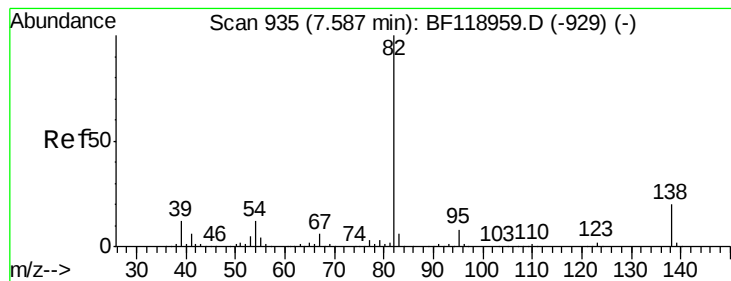


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.364 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.28 min

Lab File: BF119142.D

Acq: 28 Feb 2020 20:53

Instrument :

BNA_F

ClientSampleId :

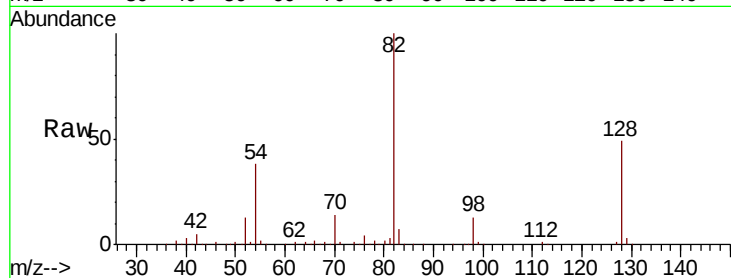
Tot Ion: 82 Resp: 531295

Ion Ratio Lower Upper

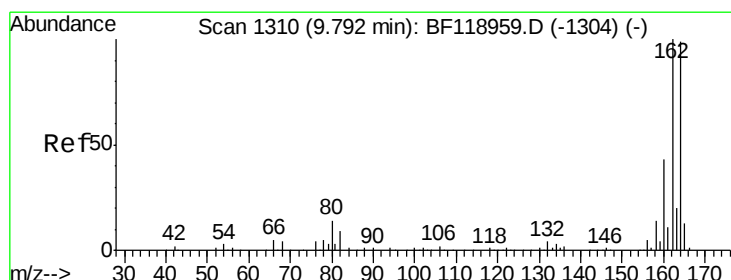
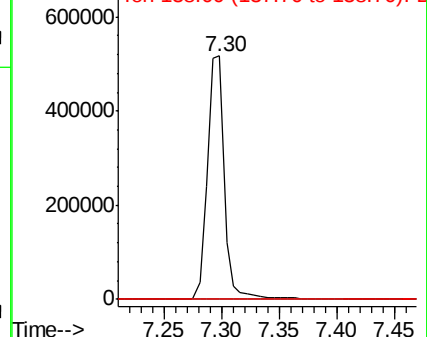
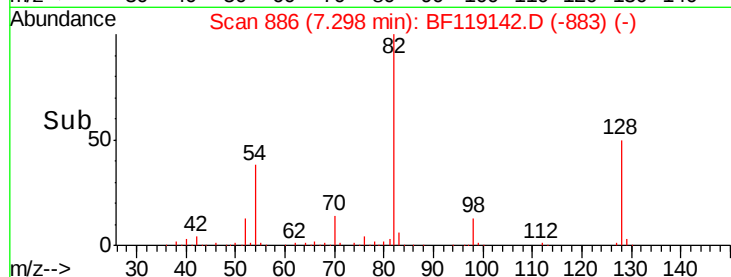
82 100

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: BF119142.D

Acq: 28 Feb 2020 20:53

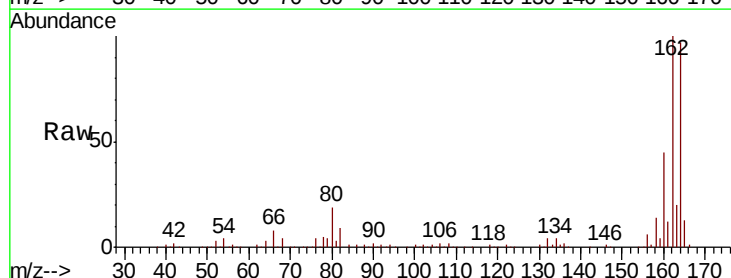
Tgt Ion: 164 Resp: 251120

Ion Ratio Lower Upper

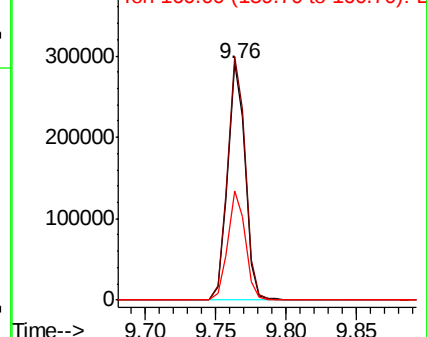
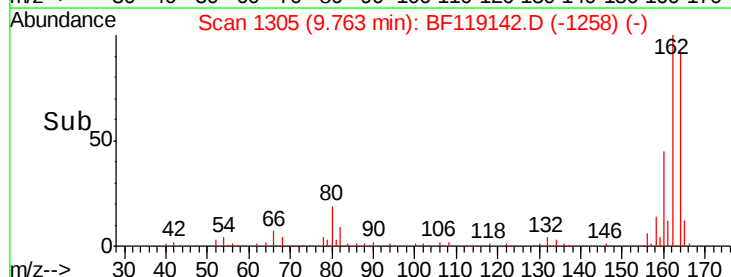
164 100

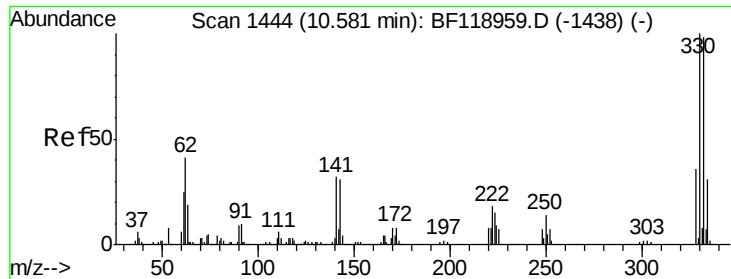
162 102.8 81.8 122.8

160 46.1 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: 86.885 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119142.D

Acq: 28 Feb 2020 20:53

Instrument :

BNA_F

ClientSampleId :

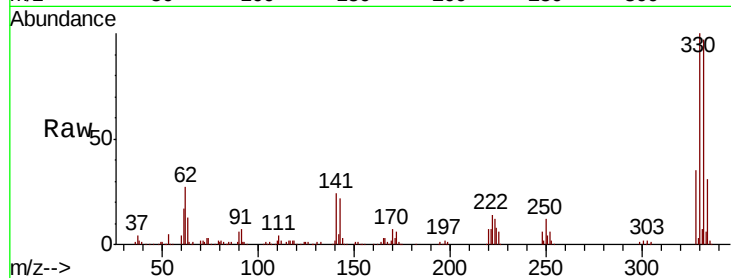
Tot Ion:330 Resp: 285423

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

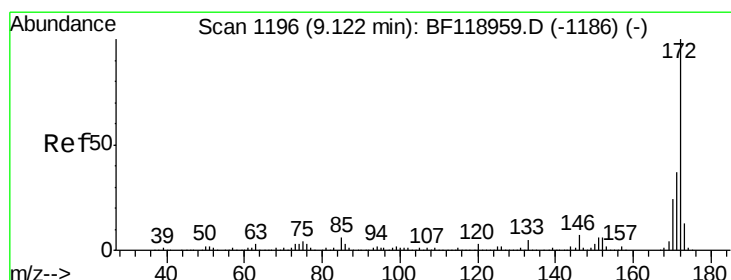
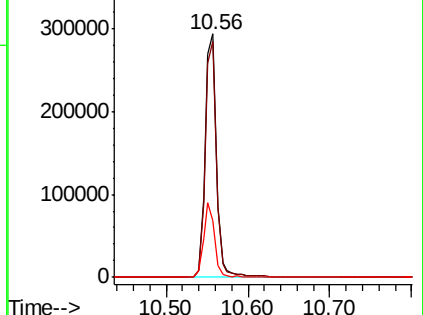
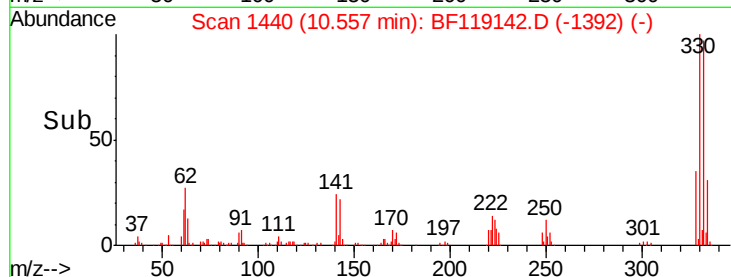
141 29.7 22.9 34.3



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: 64.561 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BF119142.D

Acq: 28 Feb 2020 20:53

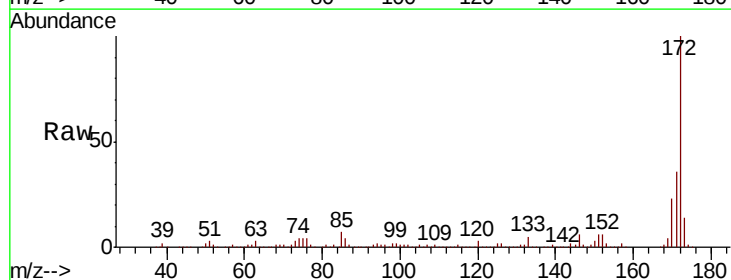
Tgt Ion:172 Resp: 1100527

Ion Ratio Lower Upper

172 100

171 36.5 30.6 45.8

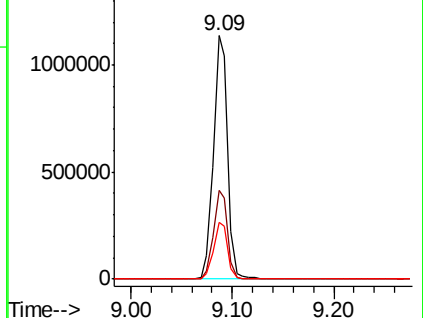
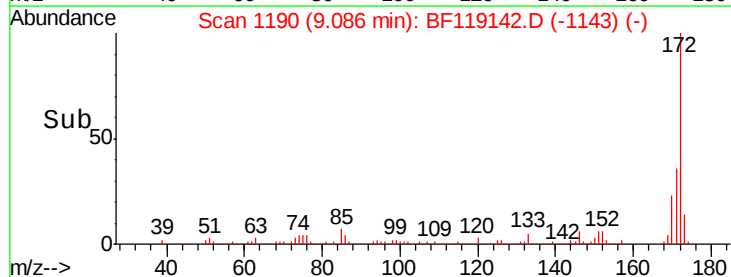
170 23.5 20.2 30.2

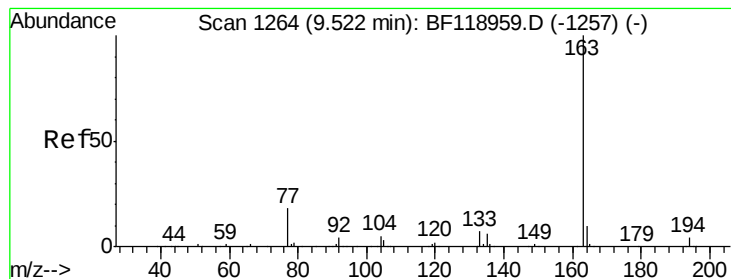


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.912 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF119142.D

Acq: 28 Feb 2020 20:53

Instrument :

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ClientSampleId :

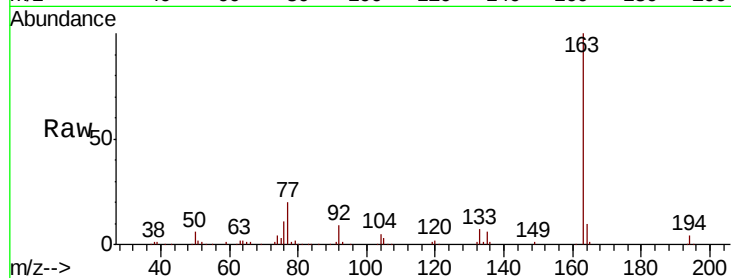
Tot Ion:163 Resp: 171125

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

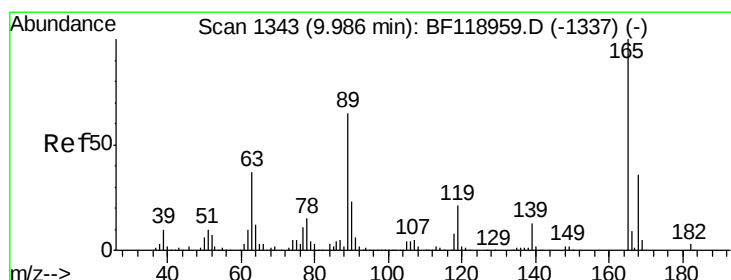
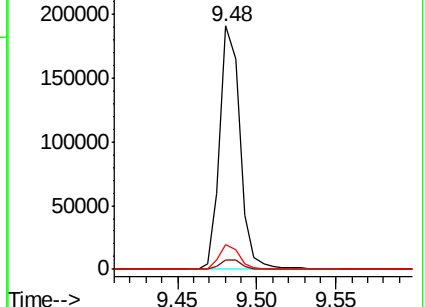
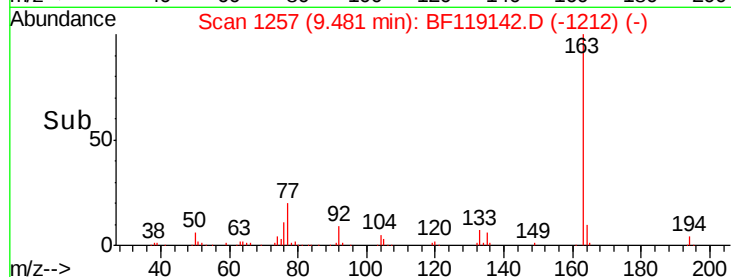
164 10.2 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.920 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.22 min

Lab File: BF119142.D

Acq: 28 Feb 2020 20:53

Tgt Ion:165 Resp: 32738

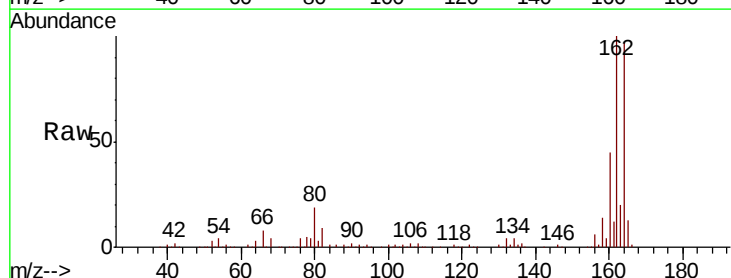
Ion Ratio Lower Upper

165 100

63 0.9 42.3 63.5#

89 1.3 60.2 90.4#

182 0.0 2.3 3.5#

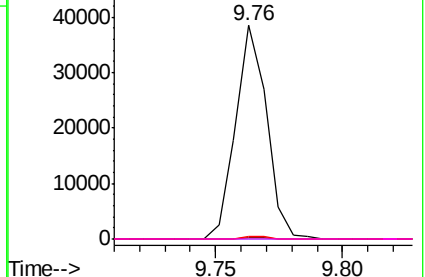
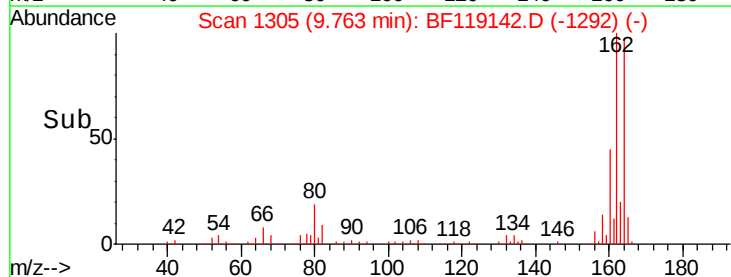


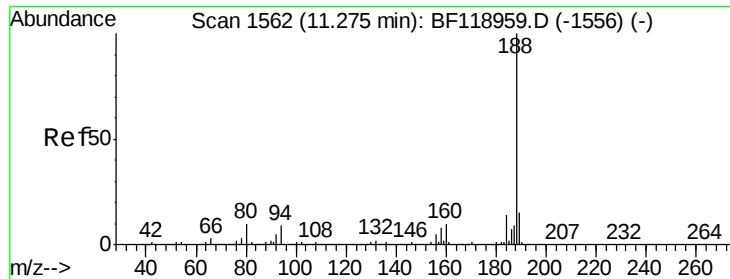
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

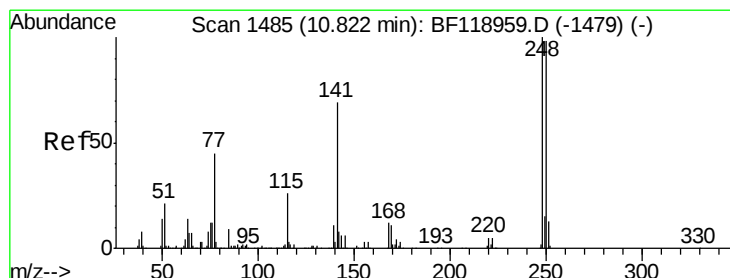
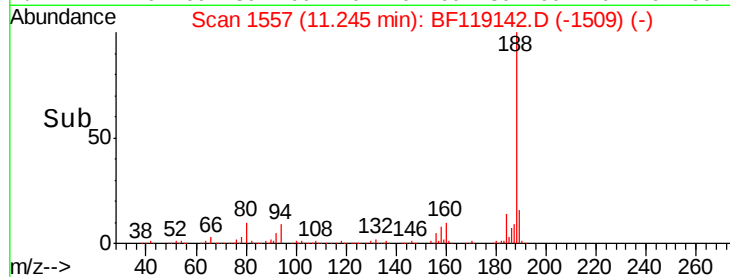
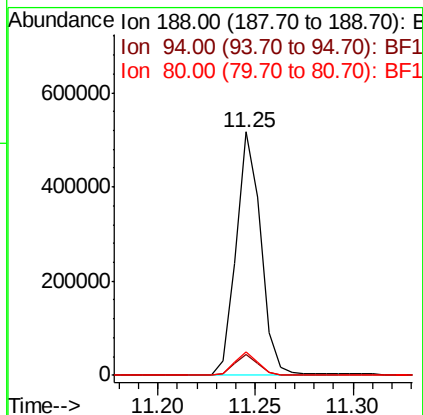
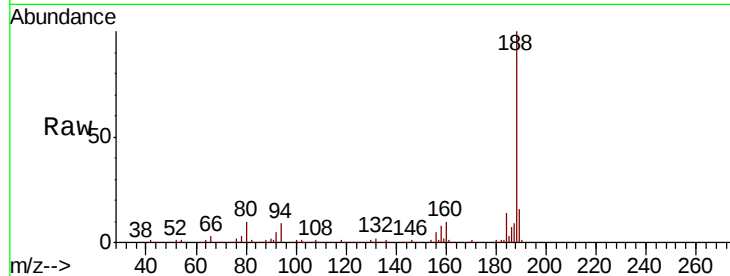




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF119142.D
 Acq: 28 Feb 2020 20:53

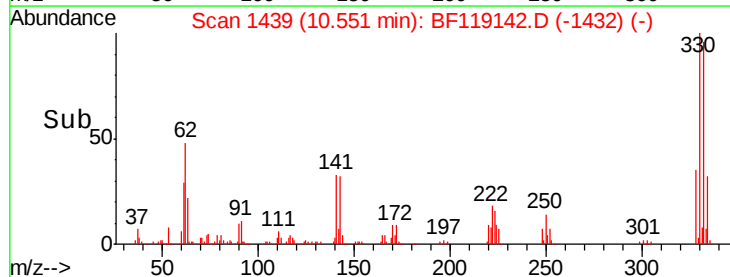
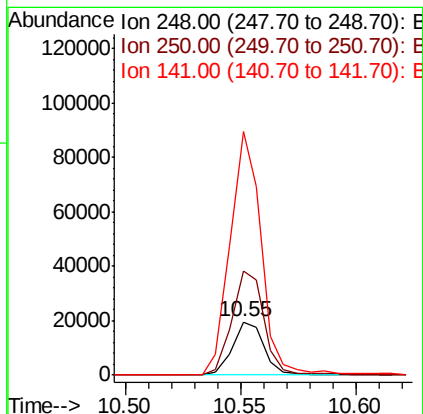
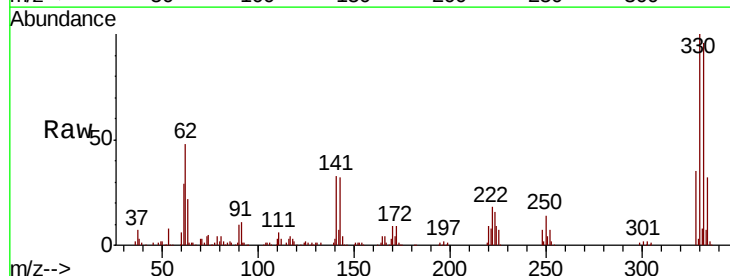
Instrument :
 BNA_F
 ClientSampleId :

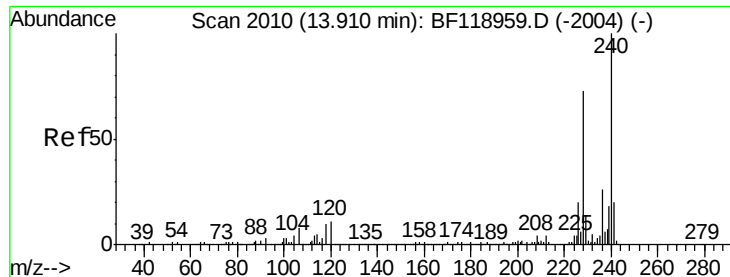
Tot Ion:188 Resp: 454856
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.1 10.7
 80 9.7 7.8 11.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.149 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.26 min
 Lab File: BF119142.D
 Acq: 28 Feb 2020 20:53

Tgt Ion:248 Resp: 18721
 Ion Ratio Lower Upper
 248 100
 250 193.9 76.7 115.1#
 141 454.8 60.7 91.1#

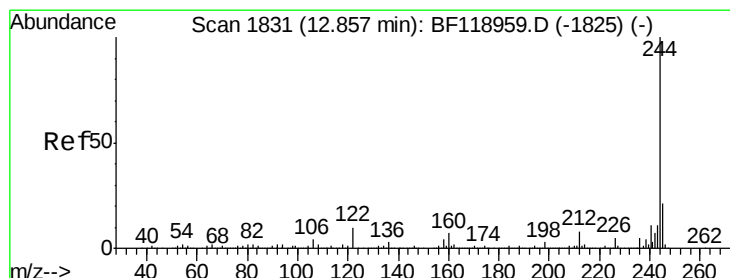
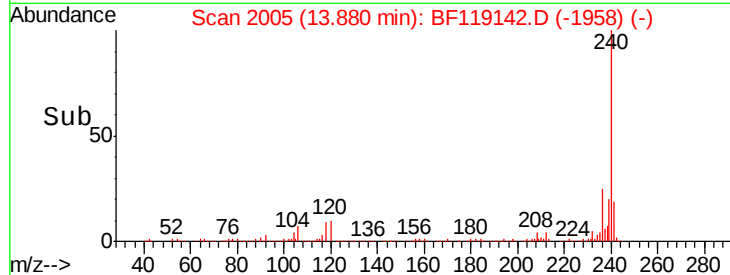
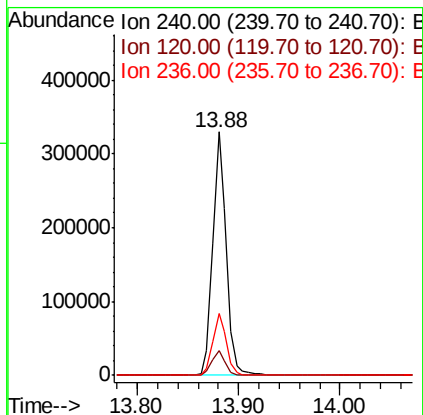
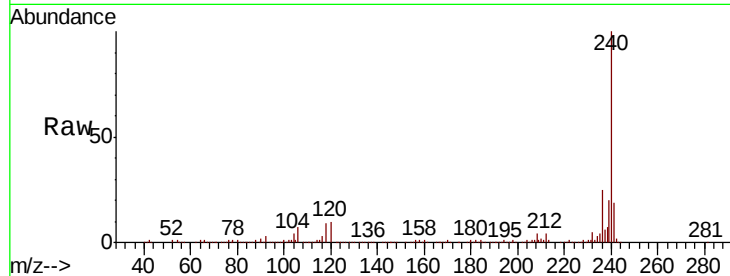




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF119142.D
 Acq: 28 Feb 2020 20:53

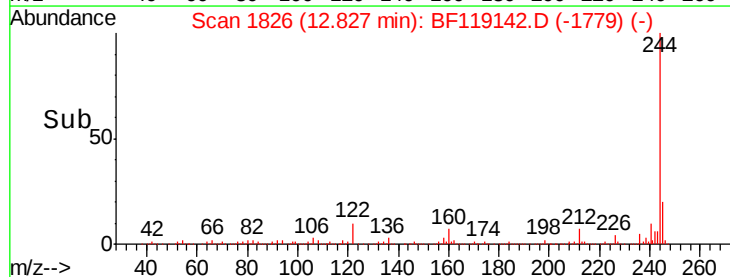
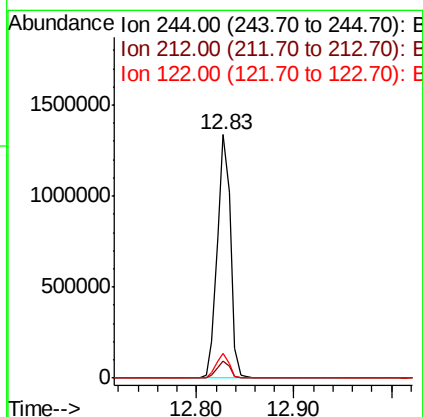
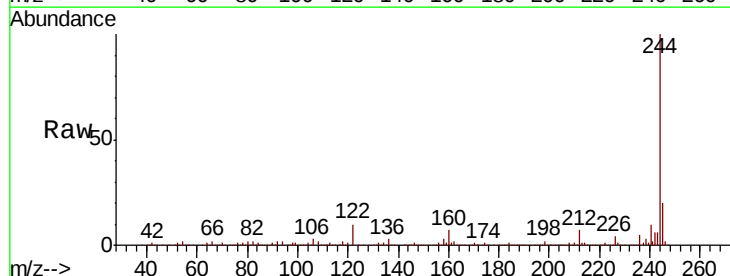
Instrument :
 BNA_F
 ClientSampleId :

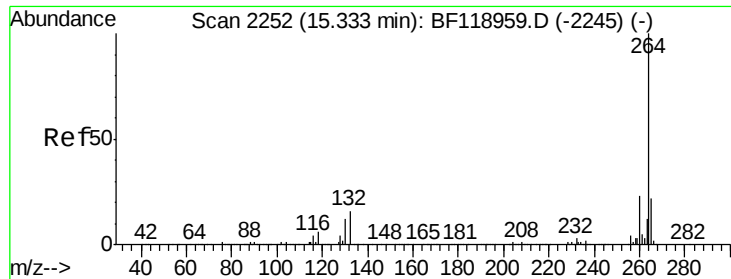
Tot Ion:240 Resp: 305179
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 25.3 21.0 31.4



#79
 Terphenyl-d14
 Concen: 71.062 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119142.D
 Acq: 28 Feb 2020 20:53

Tgt Ion:244 Resp: 1259620
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.6 10.0
 122 10.4 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: BF119142.D
Acq: 28 Feb 2020 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.3	17.7	26.5

