

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119049.D
 Acq On : 25 Feb 2020 4:49
 Operator : CG/JU
 Sample : L1635-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 06:45:34 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

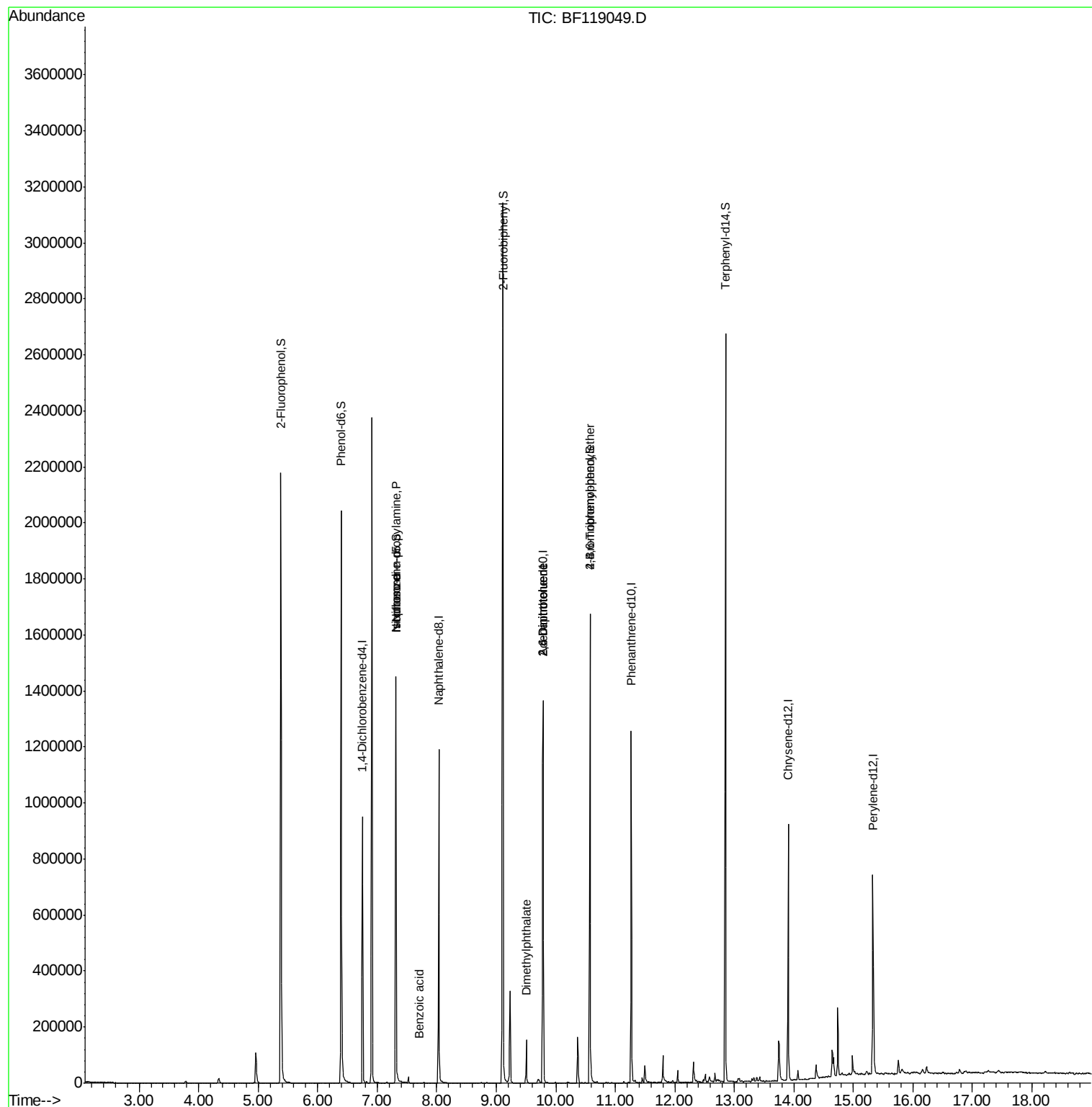
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	146356	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	553188	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	288252	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	489425	20.00	ng	0.00
76) Chrysene-d12	13.90	240	310926	20.00	ng	0.00
87) Perylene-d12	15.33	264	347297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	644312	73.57	ng	0.00
7) Phenol-d6	6.40	99	801169	75.22	ng	0.00
23) Nitrobenzene-d5	7.32	82	544143	51.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	240531	63.79	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1043250	53.32	ng	-0.01
79) Terphenyl-d14	12.85	244	1028208	56.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	74227	11.960	ng	# 77
25) Isophorone	7.32	82	544137	29.905	ng	# 63
32) Benzoic acid	7.70	122	130	6.701	ng	# 1
50) Dimethylphthalate	9.50	163	71707	3.253	ng	98
51) 2,6-Dinitrotoluene	9.79	165	37847	7.728	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	37847	5.962	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	15416	2.410	ng	# 1

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

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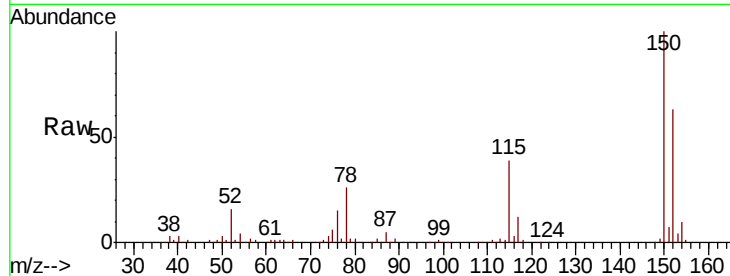


#1

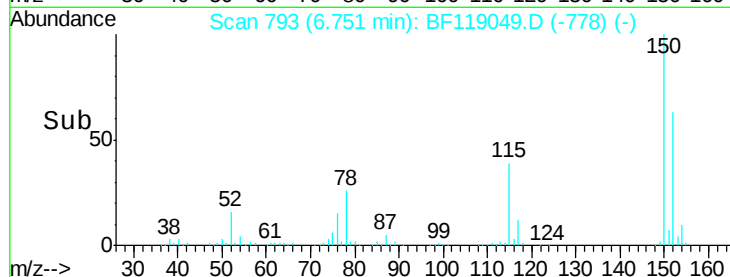
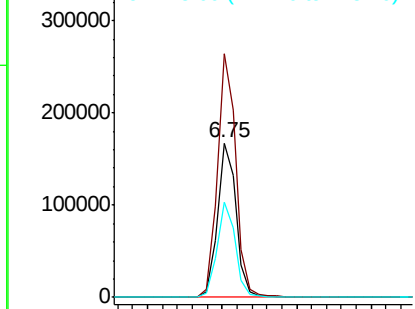
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.3	186.5
115	61.5	44.6	67.0



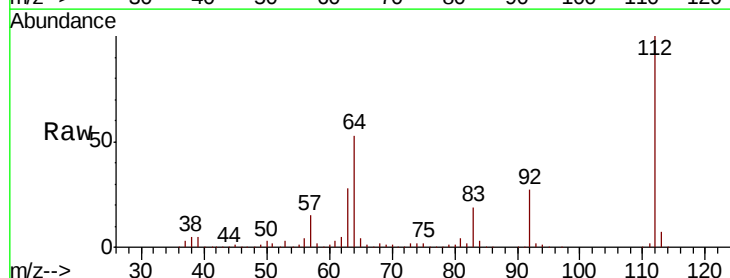
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



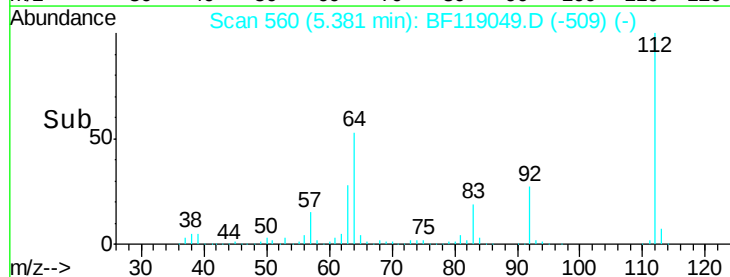
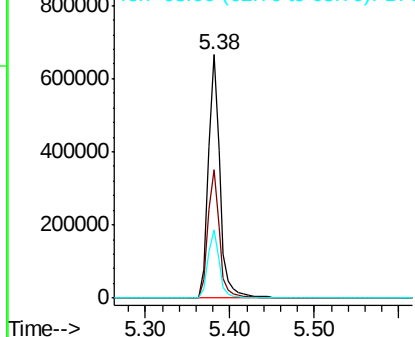
#5

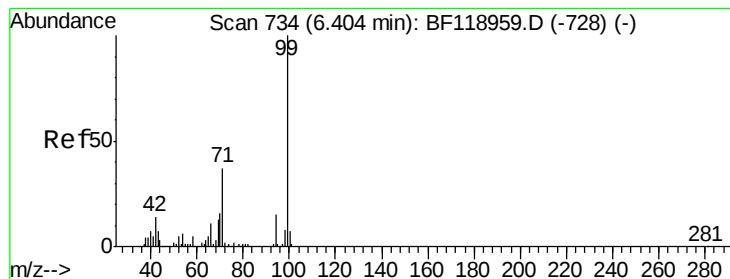
2-Fluorophenol
Concen: 73.571 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	40.4	60.6
63	28.1	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: 75.221 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

Instrument :

BNA_F

ClientSampled :

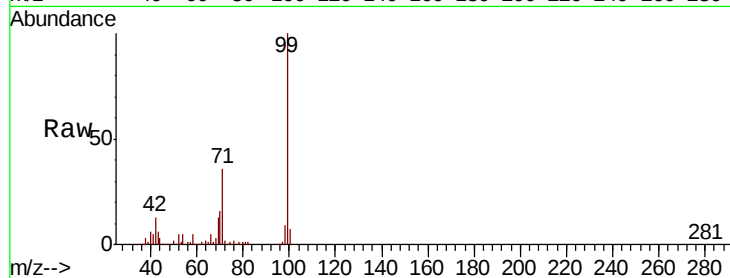
Tot Ion: 99 Resp: 801169

Ion Ratio Lower Upper

99 100

42 13.4 11.4 17.0

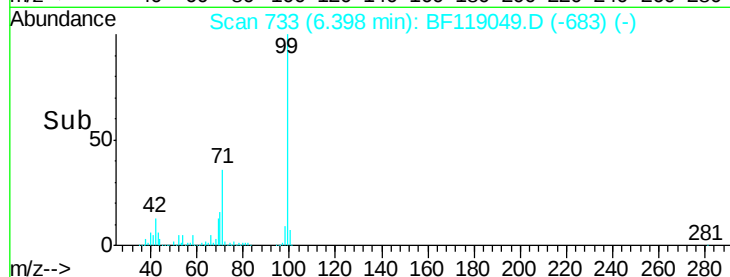
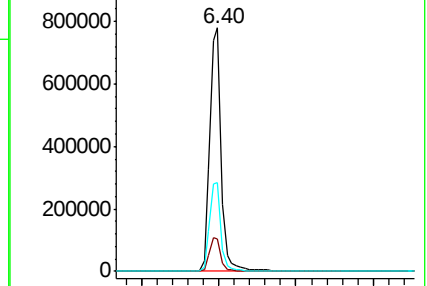
71 36.3 29.8 44.6



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: 11.960 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.13 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

Tgt Ion: 70 Resp: 74227

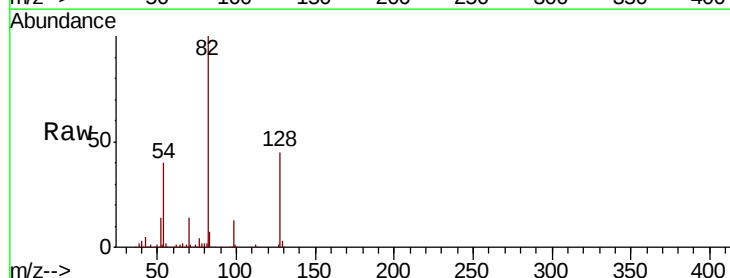
Ion Ratio Lower Upper

70 100

42 36.6 34.6 51.8

101 0.0 8.1 12.1#

130 2.1 19.4 29.2#

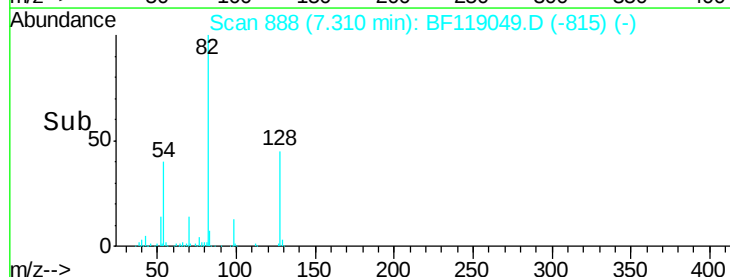
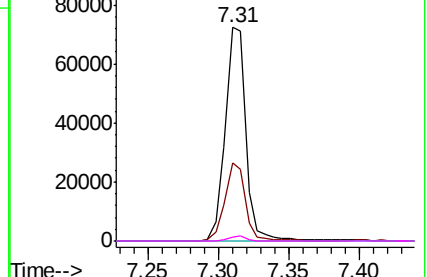


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF119049.D

Acq: 25 Feb 2020 4:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 553188

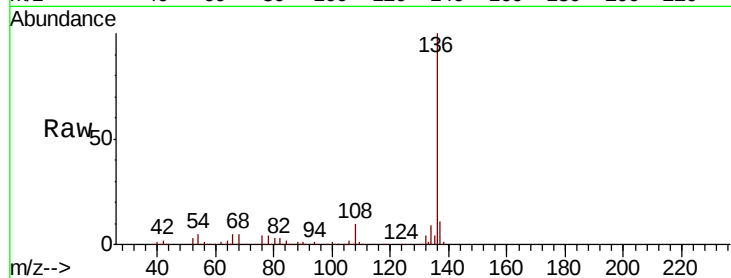
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 4.9 3.8 5.6

68 5.2 4.2 6.2

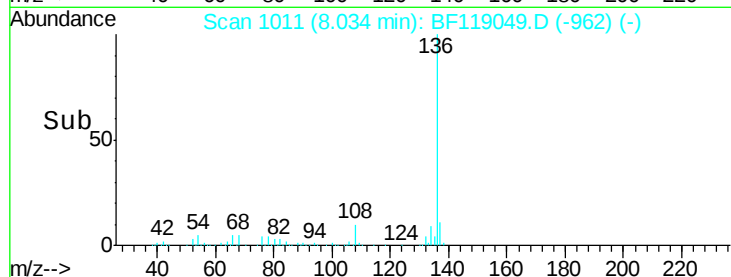


Abundance Ion 136.00 (135.70 to 136.70): E

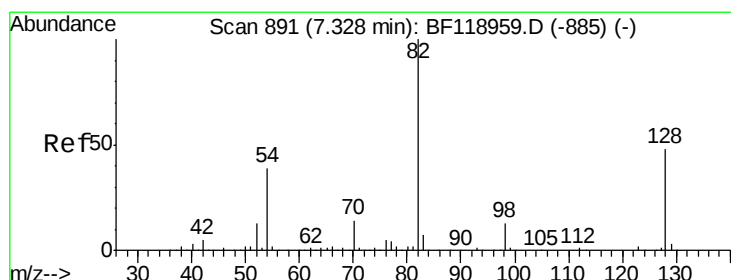
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 51.937 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

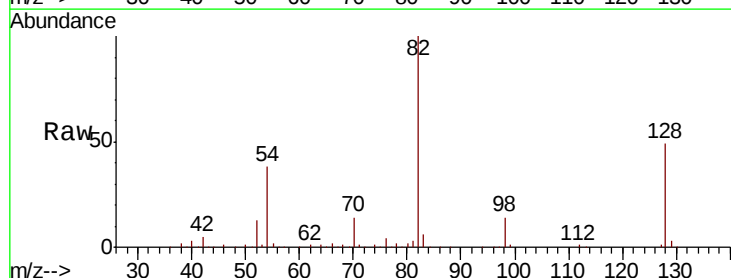
Tgt Ion: 82 Resp: 544143

Ion Ratio Lower Upper

82 100

128 49.5 38.2 57.2

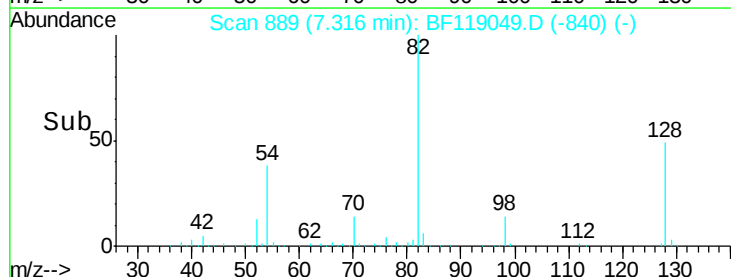
54 37.5 31.3 46.9



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



Time-->



#25

Isophorone

Concen: 29.905 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

Instrument :

BNA_F

ClientSampleId :

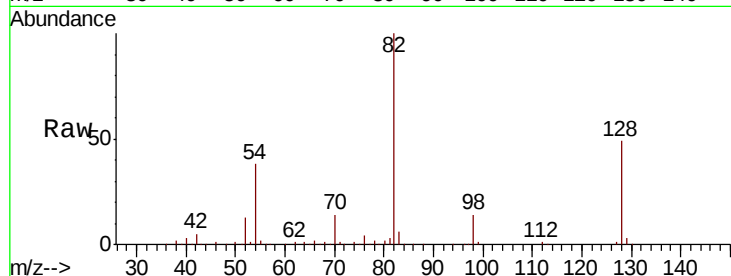
Tot Ion: 82 Resp: 544137

Ion Ratio Lower Upper

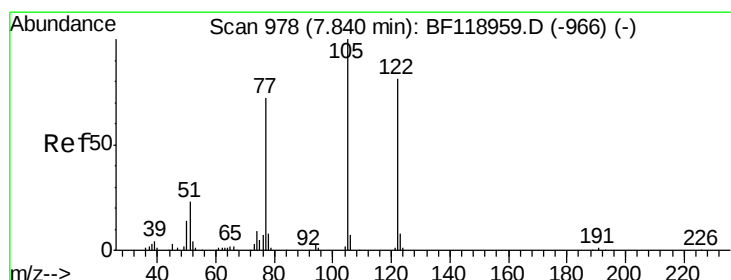
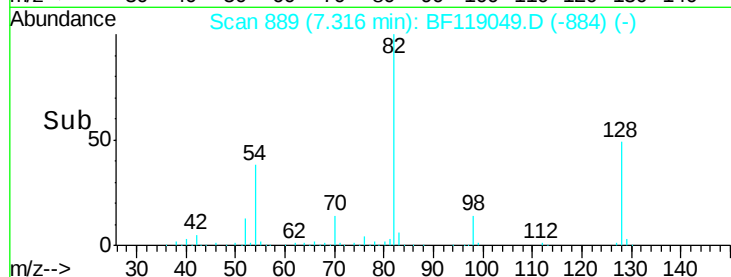
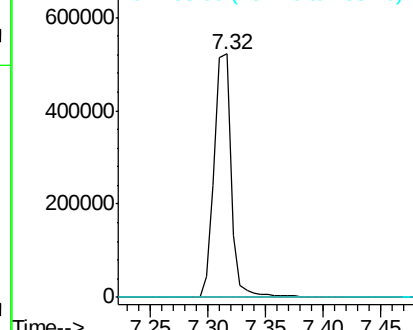
82 100

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



#32

Benzoic acid

Concen: 6.701 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.13 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

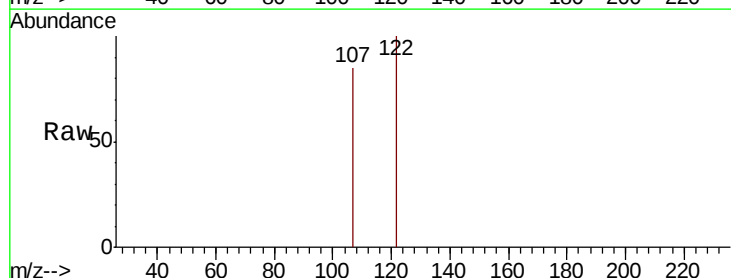
Tgt Ion: 122 Resp: 130

Ion Ratio Lower Upper

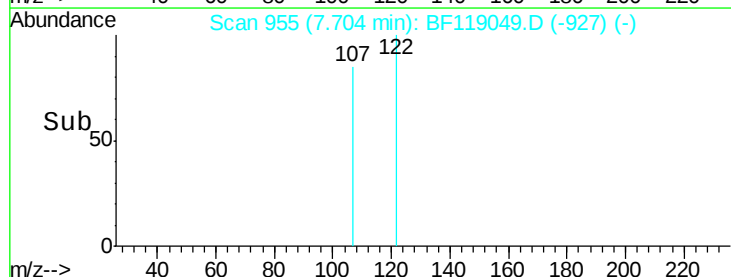
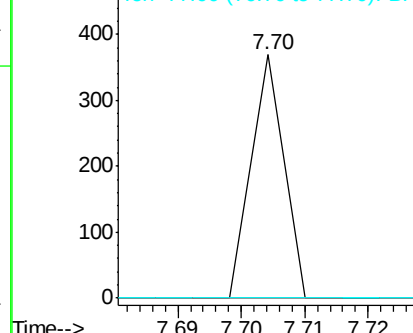
122 100

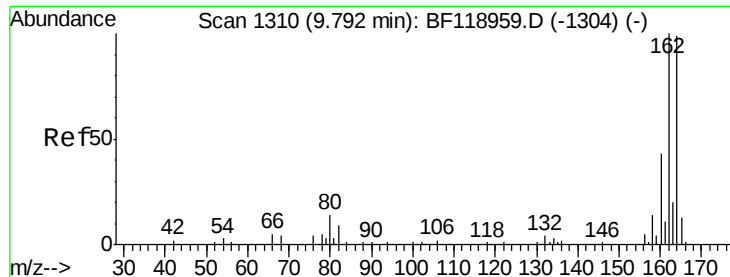
105 0.0 102.2 142.2#

77 0.0 68.6 108.6#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

Instrument :

BNA_F

ClientSampleId :

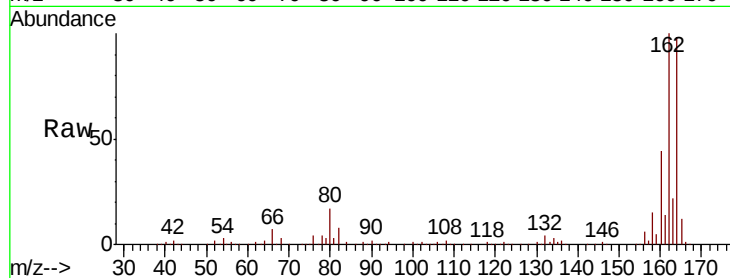
Tot Ion:164 Resp: 288252

Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

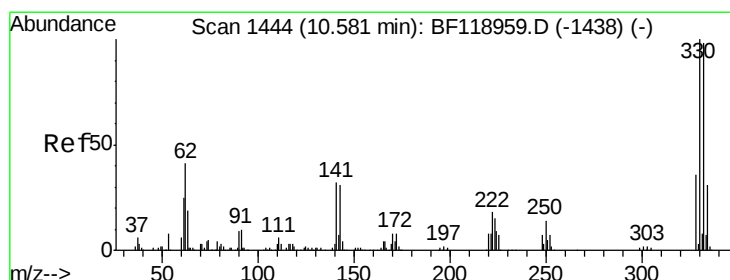
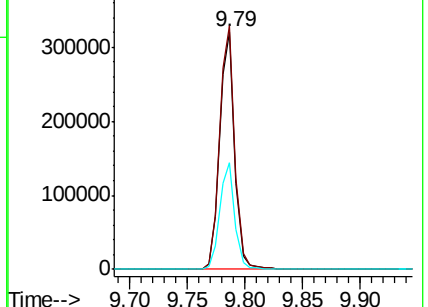
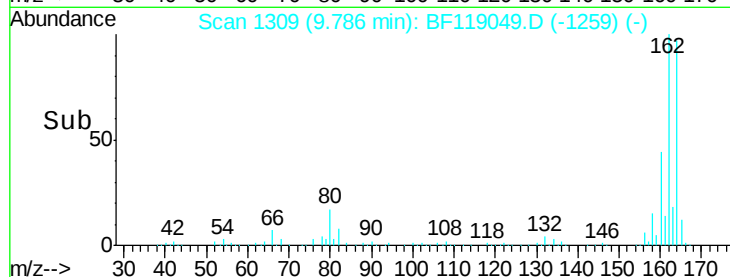
160 44.9 35.2 52.8



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: 63.787 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

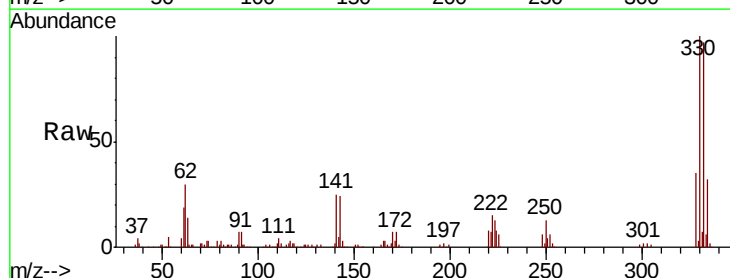
Tgt Ion:330 Resp: 240531

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

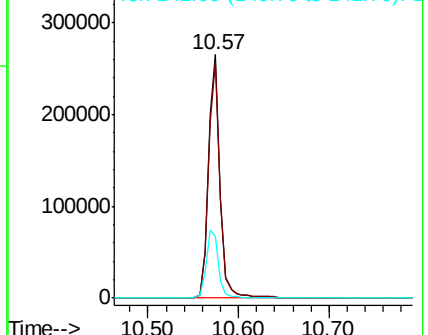
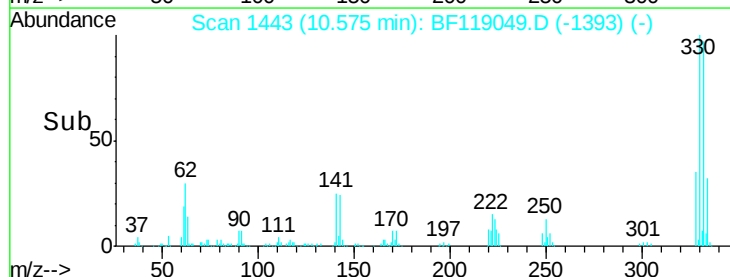
141 29.9 23.0 34.6

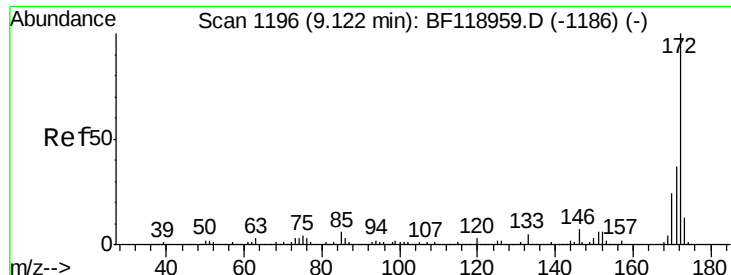


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

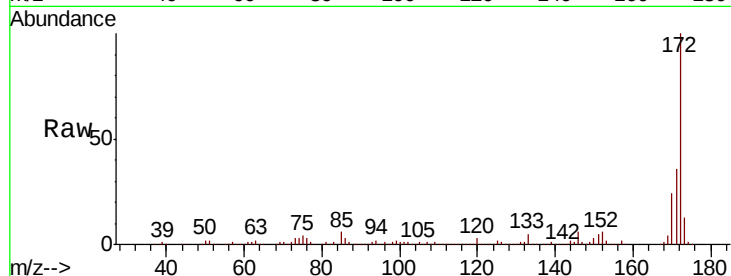




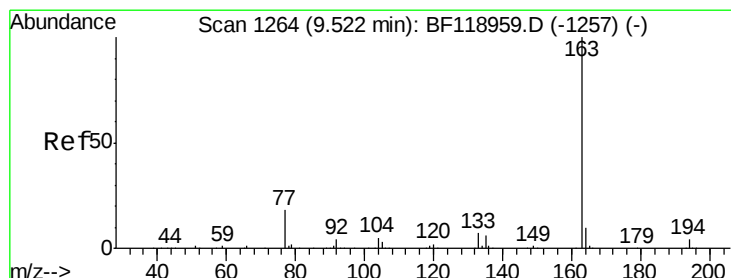
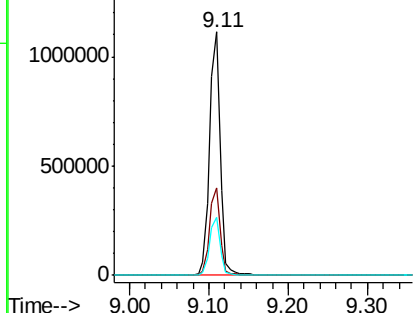
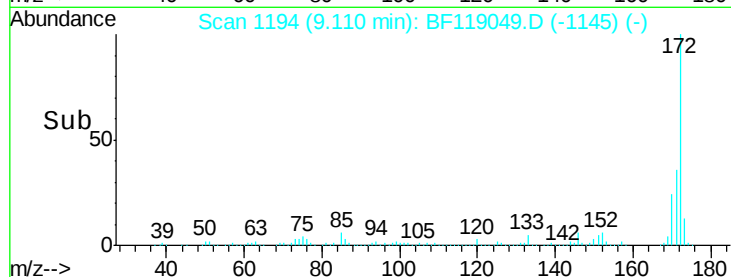
#45
2-Fluorobiphenyl
Concen: 53.317 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1043250
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.2
170 23.7 19.6 29.4

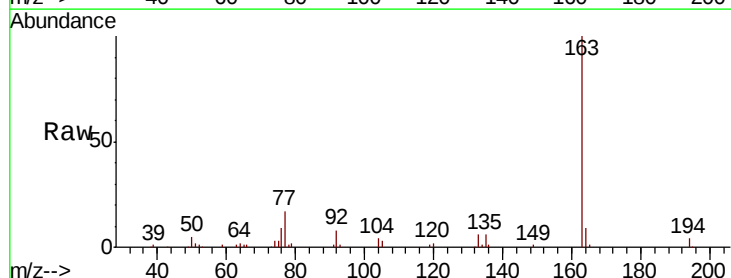


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

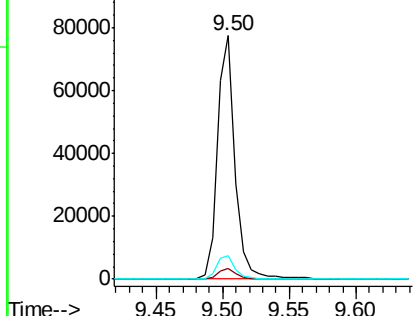
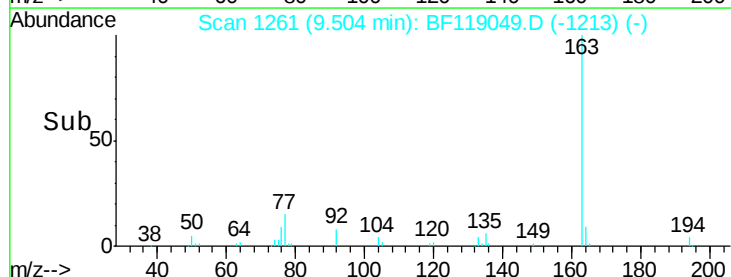


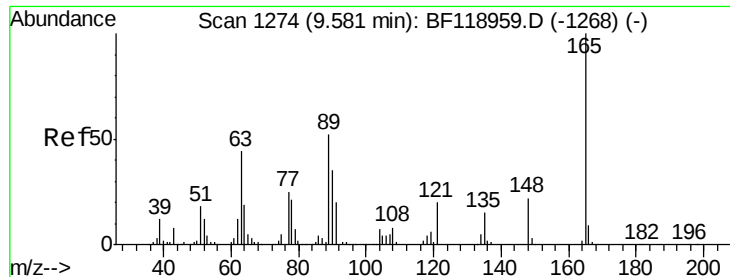
#50
Dimethylphthalate
Concen: 3.253 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion:163 Resp: 71707
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
100000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.728 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

Instrument :

BNA_F

ClientSampleId :

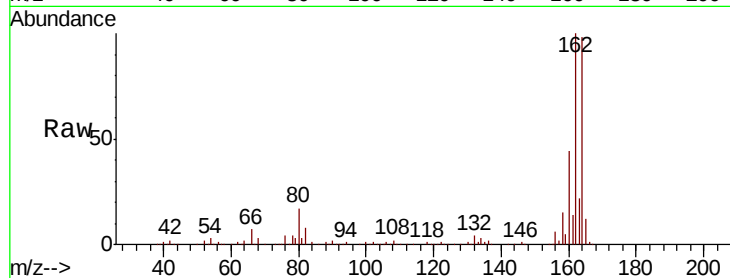
Tot Ion:165 Resp: 37847

Ion Ratio Lower Upper

165 100

63 1.0 37.9 56.9#

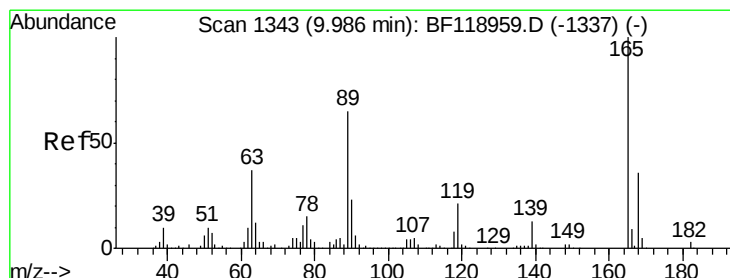
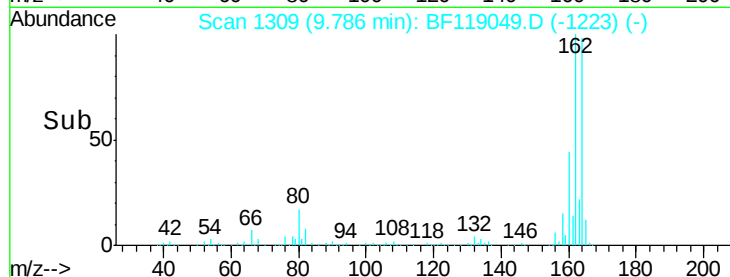
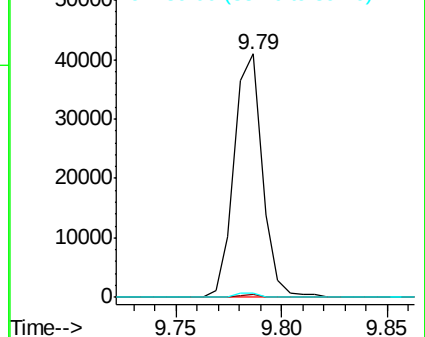
89 1.8 41.4 62.0#



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: 5.962 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

Tgt Ion:165 Resp: 37847

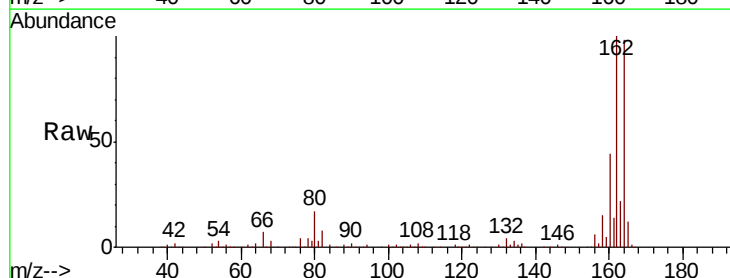
Ion Ratio Lower Upper

165 100

63 1.0 29.8 44.8#

89 1.8 51.9 77.9#

182 0.0 2.3 3.5#

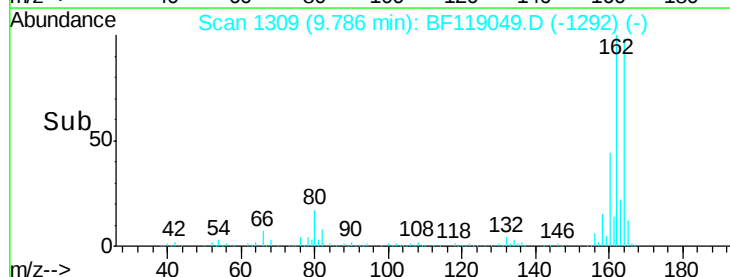
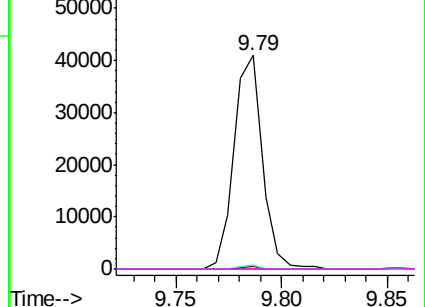


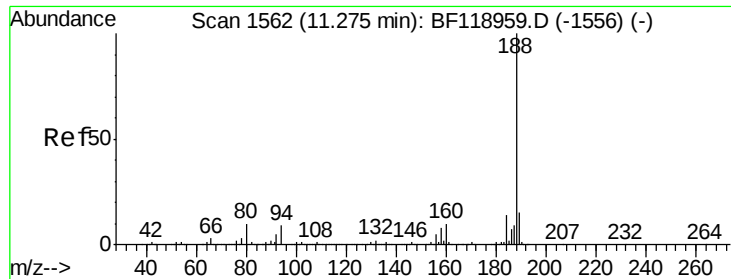
Abundance Ion 165.00 (164.70 to 165.70): E

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

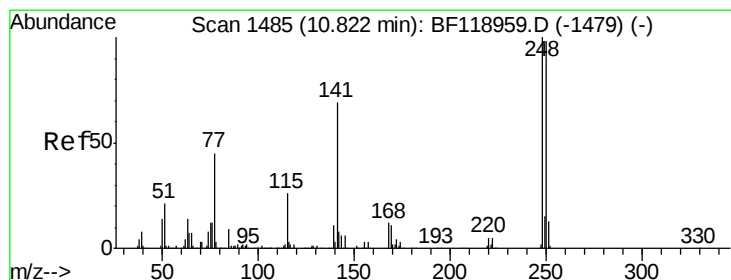
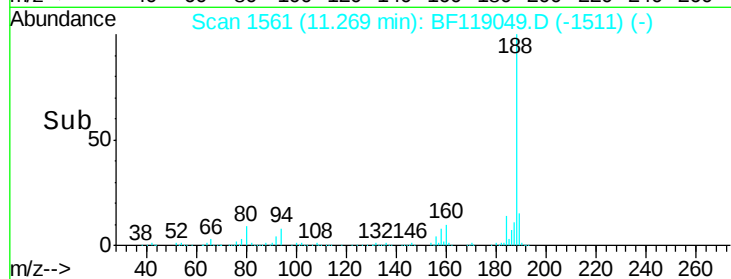
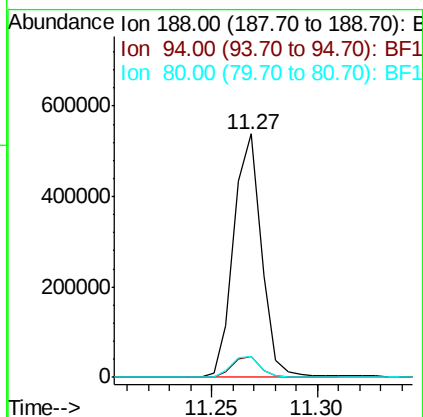
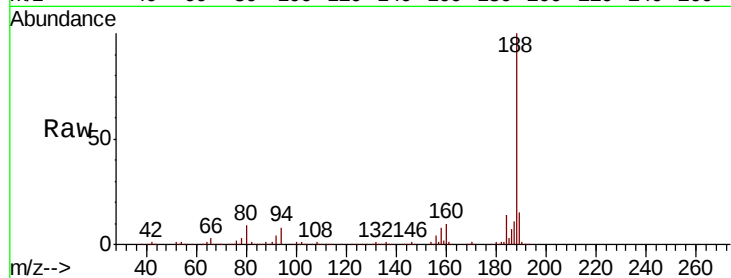




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

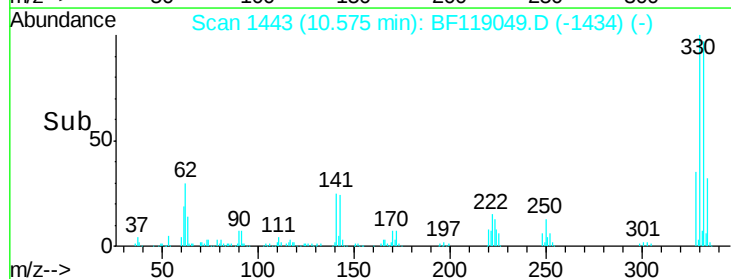
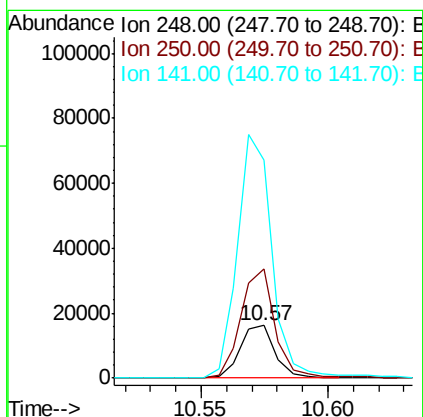
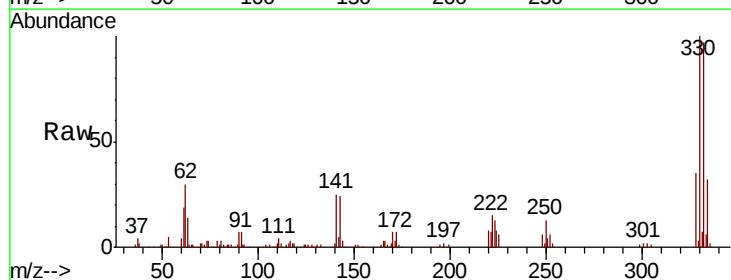
Instrument :
BNA_F
ClientSampleId :

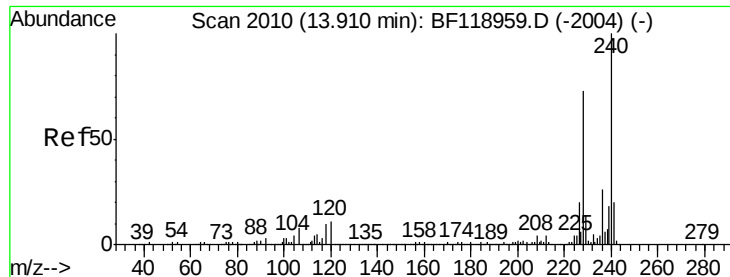
Tot Ion:188 Resp: 489425
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 8.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.410 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion:248 Resp: 15416
Ion Ratio Lower Upper
248 100
250 205.8 78.8 118.2#
141 412.5 55.3 82.9#

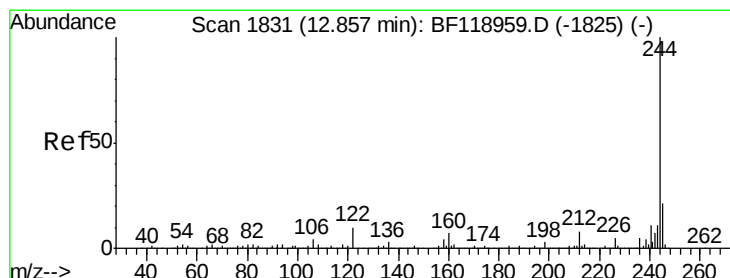
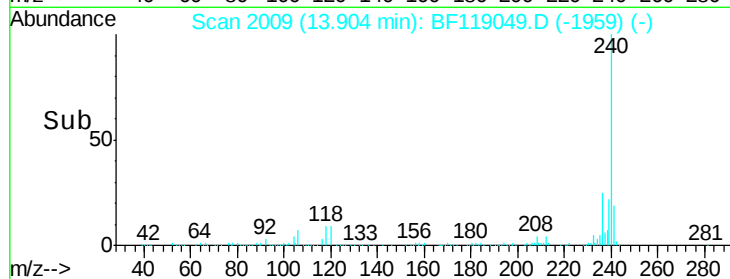
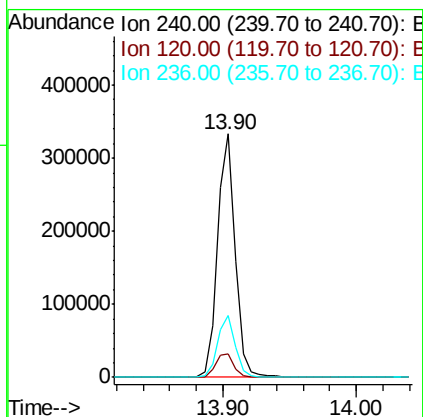
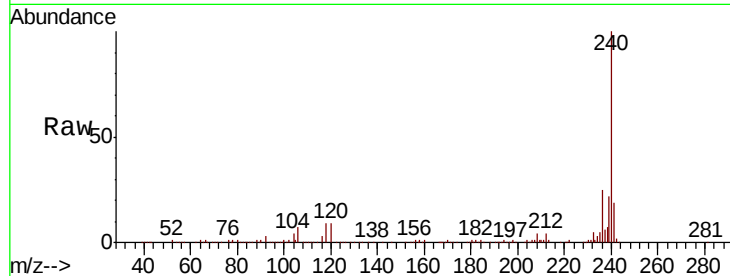




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119049.D
 Acq: 25 Feb 2020 4:49

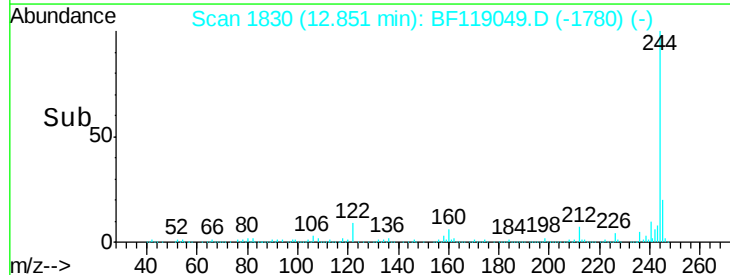
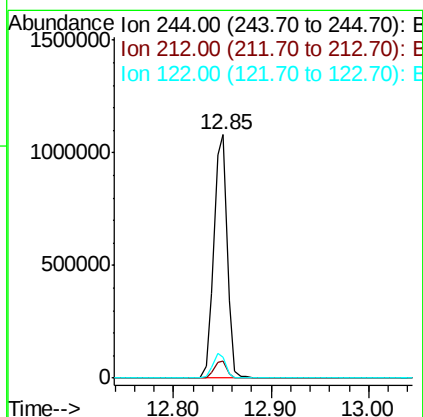
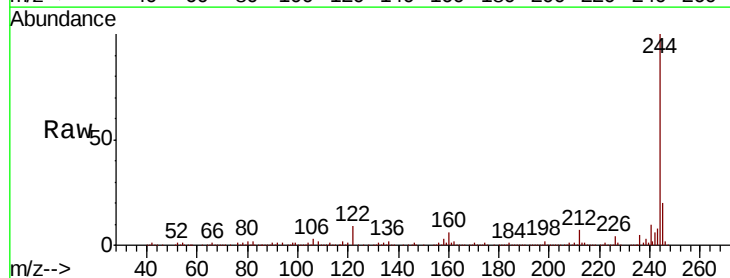
Instrument :
 BNA_F
 ClientSampleId :

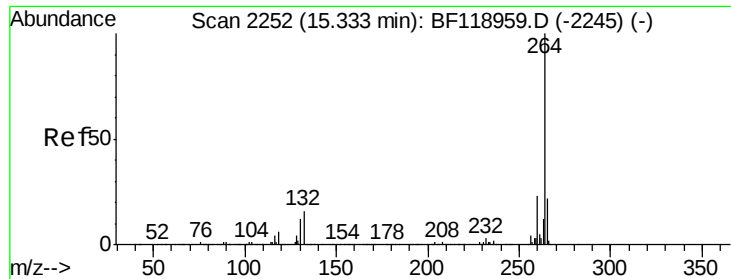
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.9	13.3
236	25.4	20.6	30.8



#79
 Terphenyl-d14
 Concen: 56.934 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119049.D
 Acq: 25 Feb 2020 4:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.3	9.5
122	8.7	8.4	12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.6	17.3	25.9

