

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119222.D
 Acq On : 5 Mar 2020 20:03
 Operator : CG/JU
 Sample : PB127285BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:28:26 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

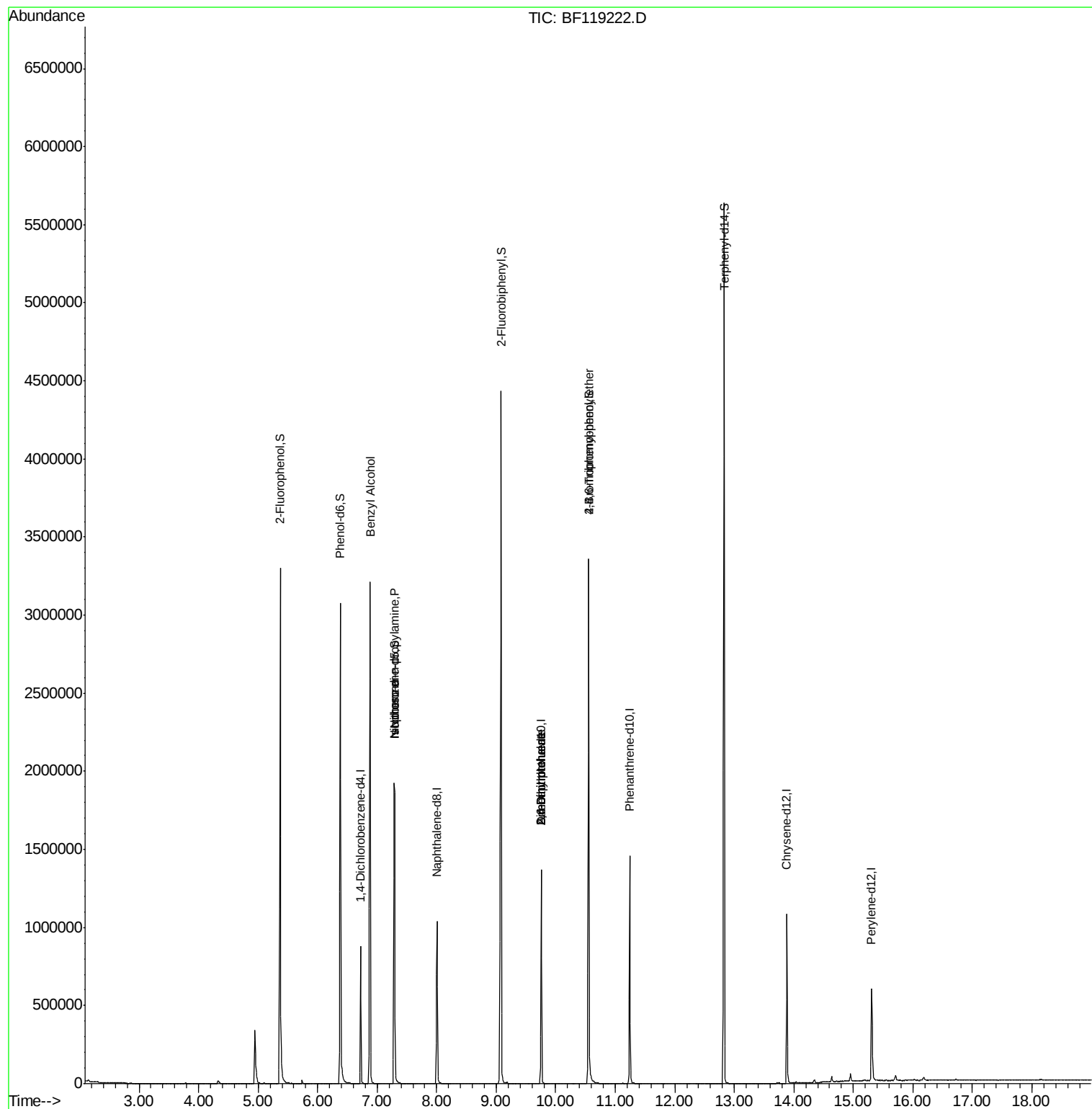
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137986	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	544118	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	307654	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	582107	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	363827	20.00	ng	-0.02
87) Perylene-d12	15.30	264	294121	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1047669	126.89	ng	0.00
7) Phenol-d6	6.38	99	1285245	127.99	ng	-0.02
23) Nitrobenzene-d5	7.29	82	854274	82.90	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	493615	122.65	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1719305	82.33	ng	-0.03
79) Terphenyl-d14	12.83	244	2168999	102.64	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.88	79	15076	2.077	ng	# 54
19) n-Nitroso-di-n-propylamine	7.29	70	119324	20.393	ng	# 75
25) Isophorone	7.29	82	844922	47.210	ng	# 63
50) Dimethylphthalate	9.76	163	64001	2.720	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	39298	7.519	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	39298	5.801	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	31681	4.164	ng	# 1

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

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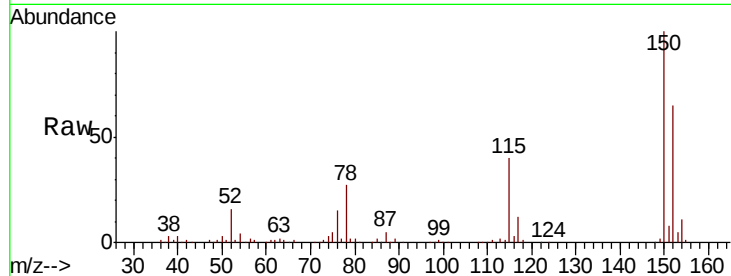


#1

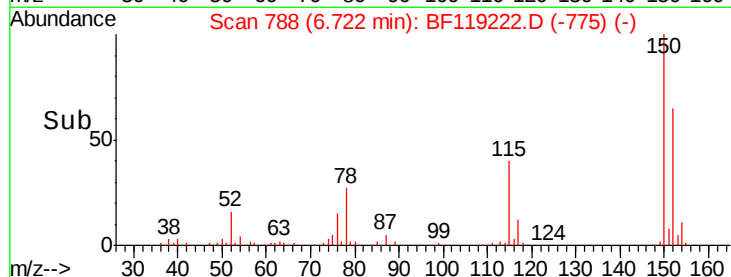
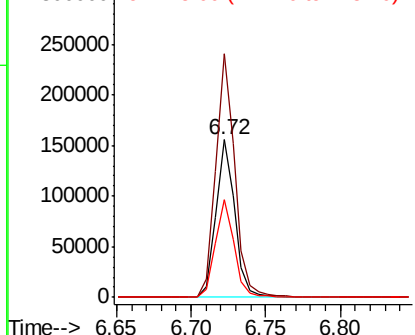
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF119222.D
 Acq: 5 Mar 2020 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 137986
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.0 184.6
 115 61.8 49.5 74.3



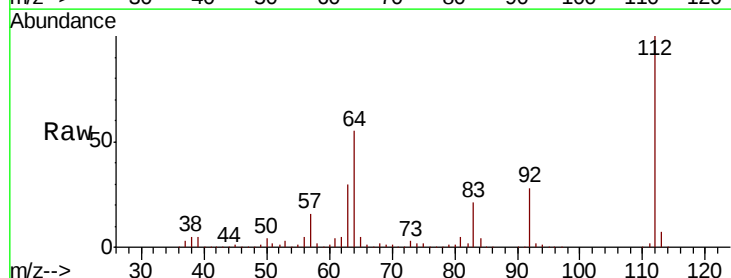
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



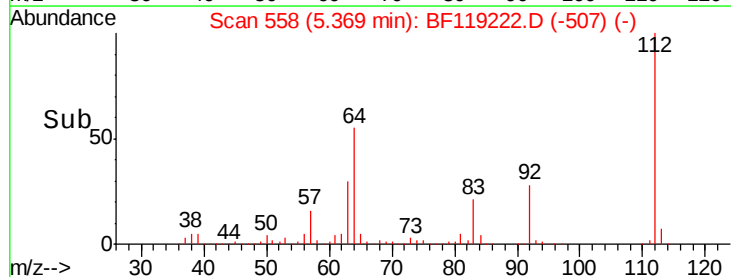
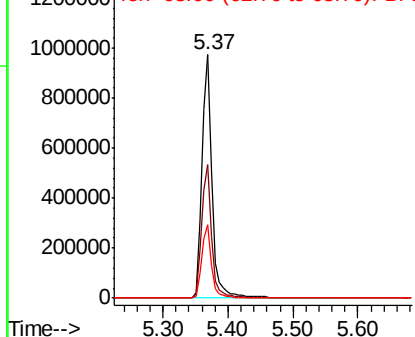
#5

2-Fluorophenol
 Concen: 126.885 ng
 RT: 5.37 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF119222.D
 Acq: 5 Mar 2020 20:03

Tgt Ion:112 Resp: 1047669
 Ion Ratio Lower Upper
 112 100
 64 54.9 45.0 67.4
 63 29.9 24.2 36.4



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: 127.989 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119222.D

Acq: 5 Mar 2020 20:03

Instrument :

BNA_F

ClientSampled :

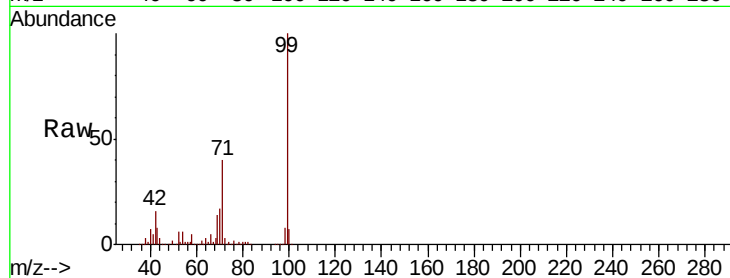
Tot Ion: 99 Resp: 1285245

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.6	18.8
71	40.1	31.0	46.4

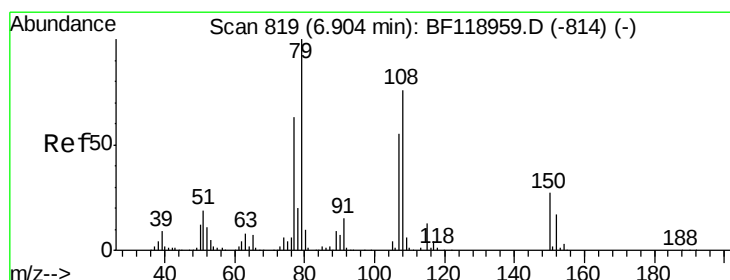
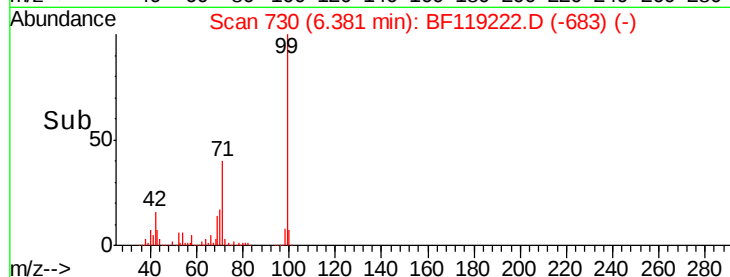
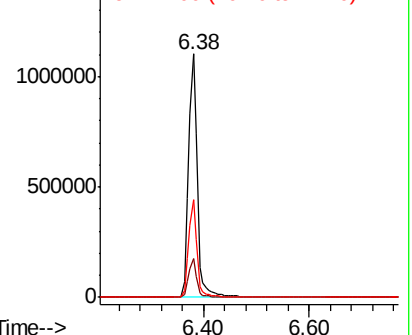
99 100

42 16.2 12.6 18.8

71 40.1 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.077 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119222.D

Acq: 5 Mar 2020 20:03

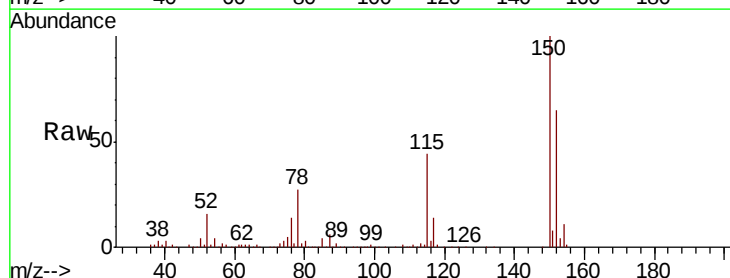
Tgt Ion: 79 Resp: 15076

Ion	Ratio	Lower	Upper
79	100		
108	36.7	58.2	87.2#
77	101.9	51.2	76.8#

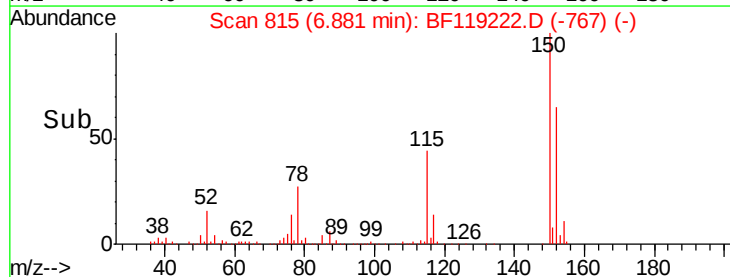
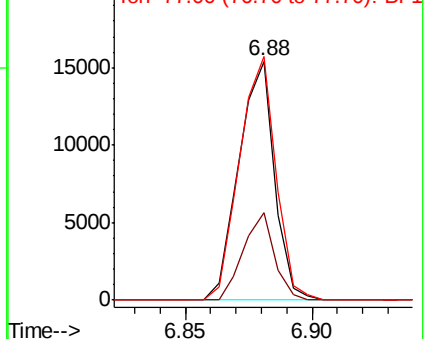
79 100

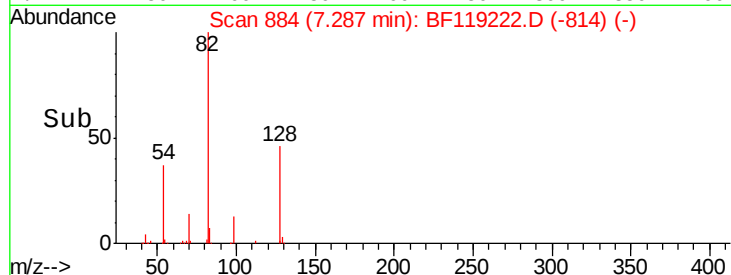
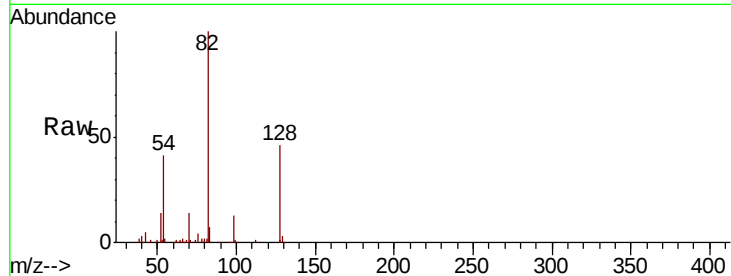
108 36.7 58.2 87.2#

77 101.9 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
20000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

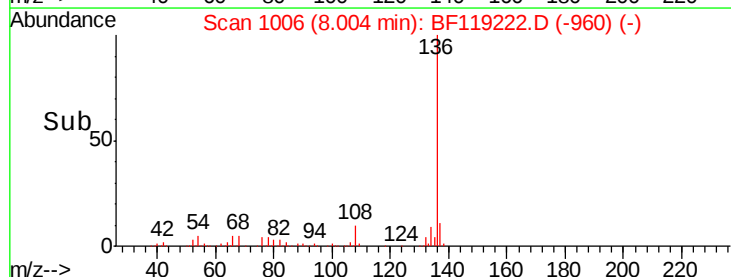
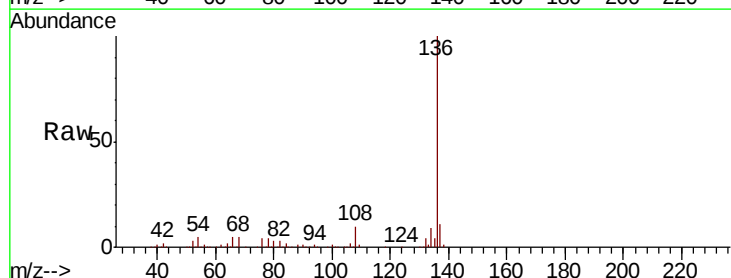
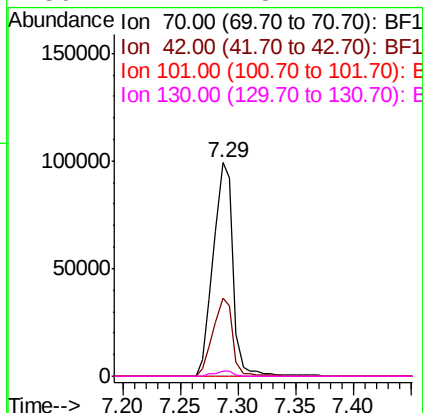




#19
n-Nitroso-di-n-propylamine
Concen: 20.393 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.11 min
Lab File: BF119222.D
Acq: 5 Mar 2020 20:03

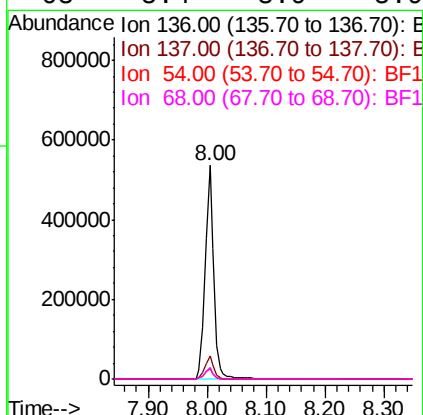
Instrument :
BNA_F
ClientSampleId :

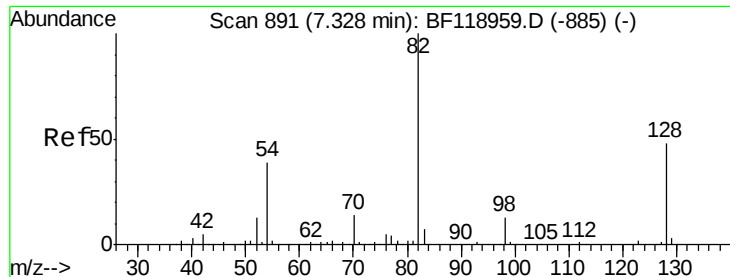
Tot Ion: 70 Resp: 119324
Ion Ratio Lower Upper
70 100
42 36.5 38.0 57.0#
101 0.0 8.2 12.4#
130 2.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119222.D
Acq: 5 Mar 2020 20:03

Tgt Ion: 136 Resp: 544118
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 4.8 3.8 5.6
68 5.4 3.9 5.9

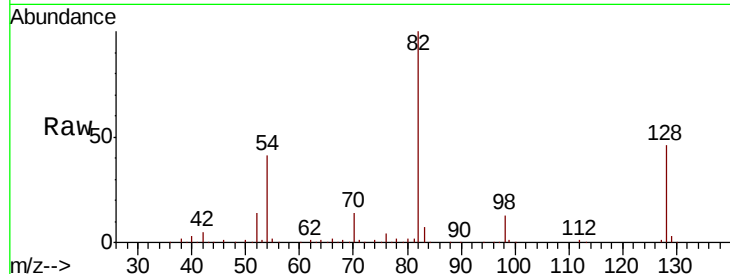




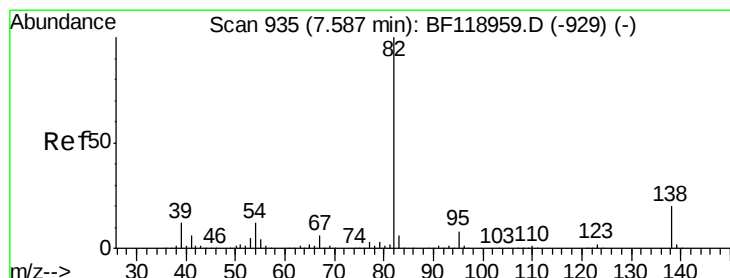
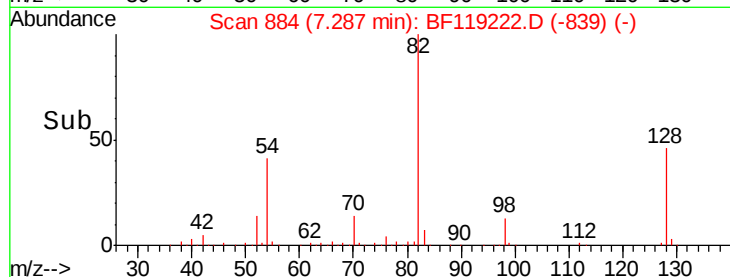
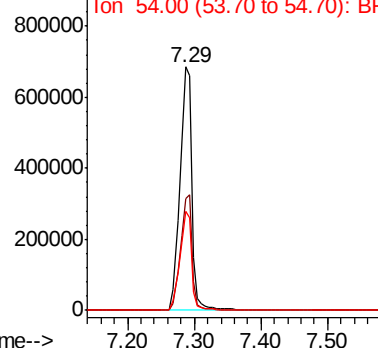
#23
Nitrobenzene-d5
Concen: 82.897 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF119222.D
Acq: 5 Mar 2020 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 854274
Ion Ratio Lower Upper
82 100
128 46.1 37.9 56.9
54 40.9 33.4 50.2

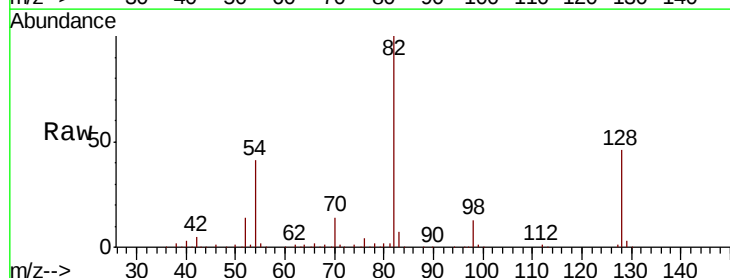


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

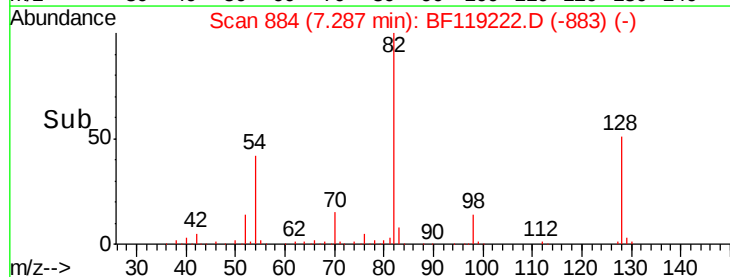
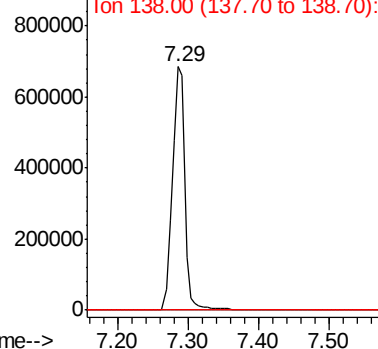


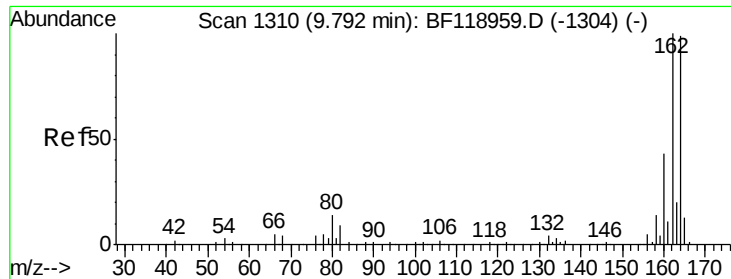
#25
Isophorone
Concen: 47.210 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.29 min
Lab File: BF119222.D
Acq: 5 Mar 2020 20:03

Tgt Ion: 82 Resp: 844922
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# 1304

Delta R.T. -0.03 min

Lab File: BF119222.D

Acq: 5 Mar 2020 20:03

Instrument :

BNA_F

ClientSampleId :

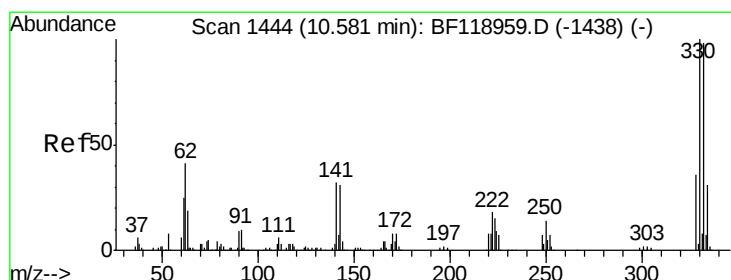
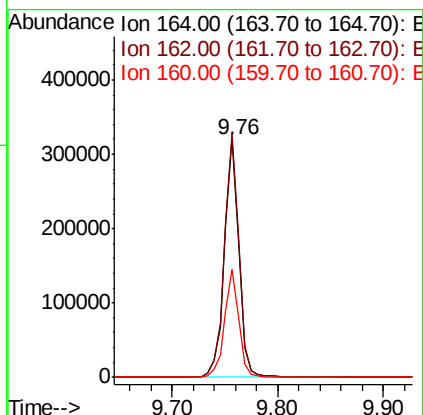
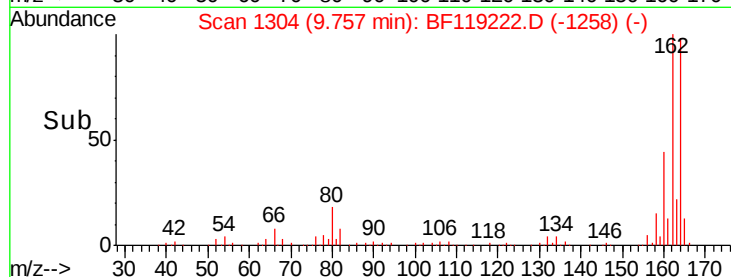
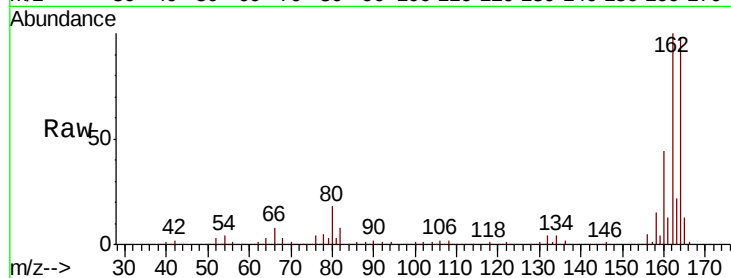
Tot Ion:164 Resp: 307654

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.8

160 45.3 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 122.648 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF119222.D

Acq: 5 Mar 2020 20:03

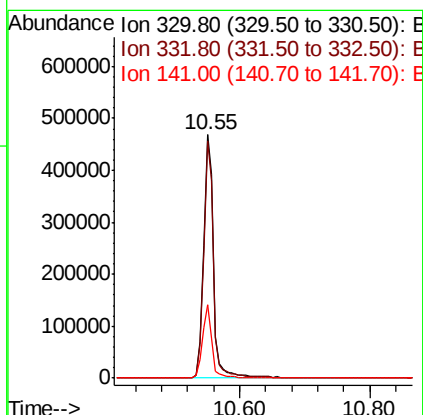
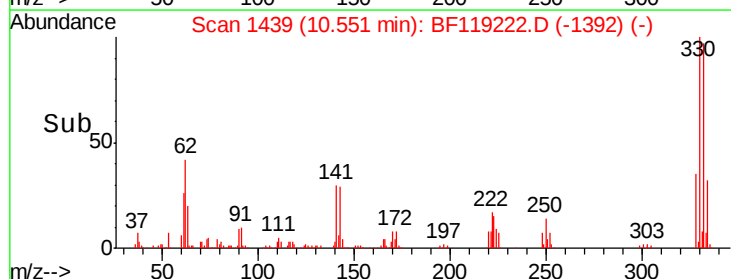
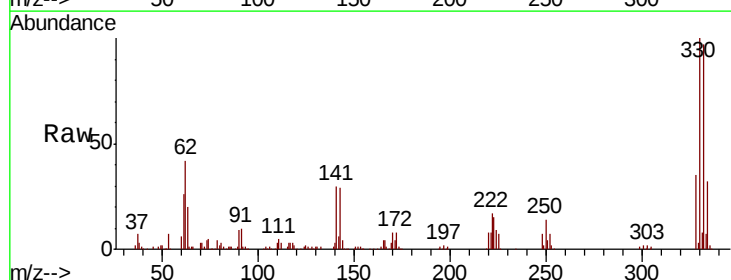
Tgt Ion:330 Resp: 493615

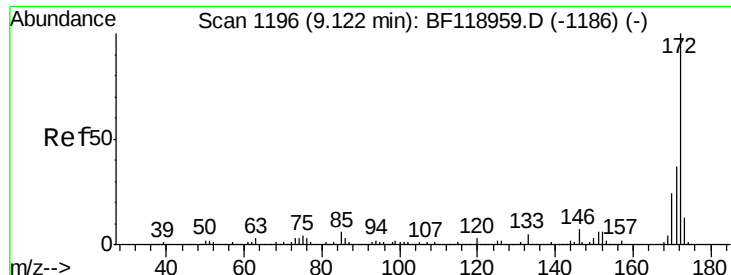
Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 29.1 22.9 34.3

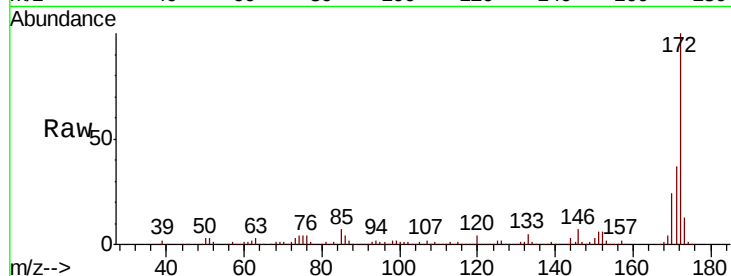




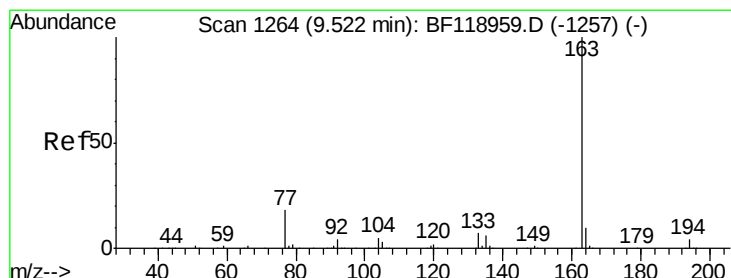
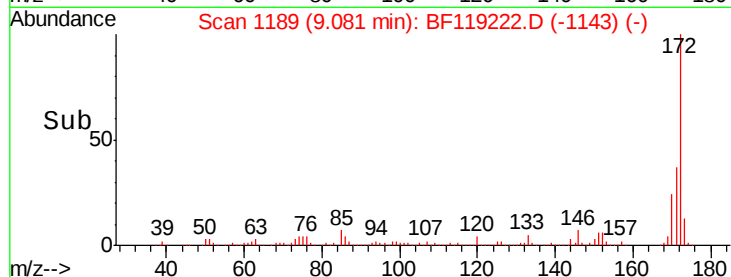
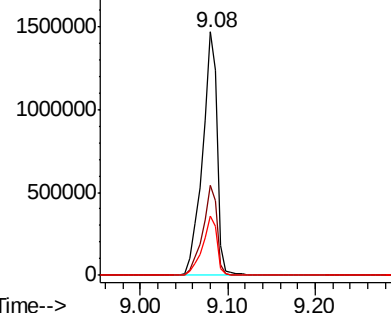
#45
2-Fluorobiphenyl
Concen: 82.327 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF119222.D
Acq: 5 Mar 2020 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1719305
Ion Ratio Lower Upper
172 100
171 36.9 30.6 45.8
170 24.3 20.2 30.2

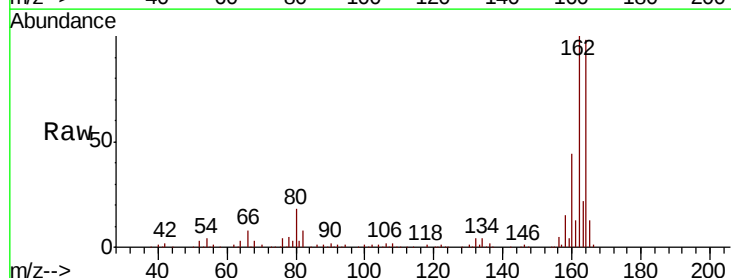


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

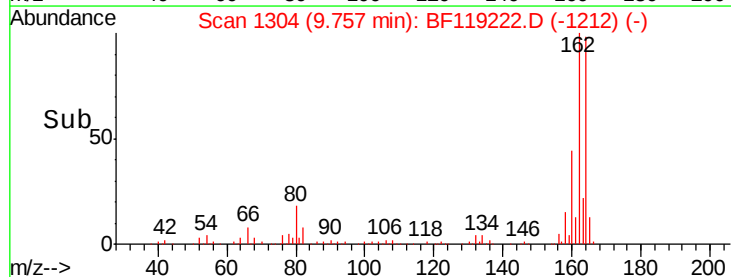
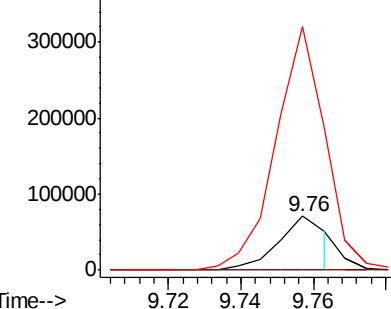


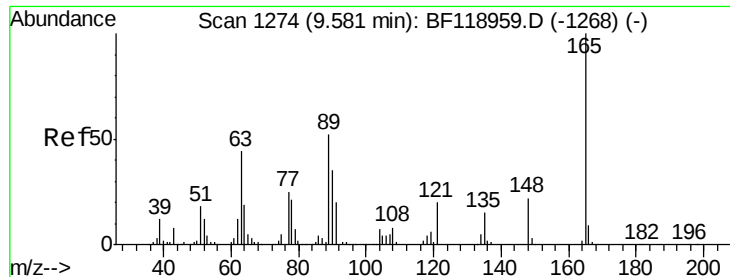
#50
Dimethylphthalate
Concen: 2.720 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.24 min
Lab File: BF119222.D
Acq: 5 Mar 2020 20:03

Tgt Ion:163 Resp: 64001
Ion Ratio Lower Upper
163 100
194 0.0 3.5 5.3#
164 452.2 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: 7.519 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.18 min

Lab File: BF119222.D

Acq: 5 Mar 2020 20:03

Instrument :

BNA_F

ClientSampled :

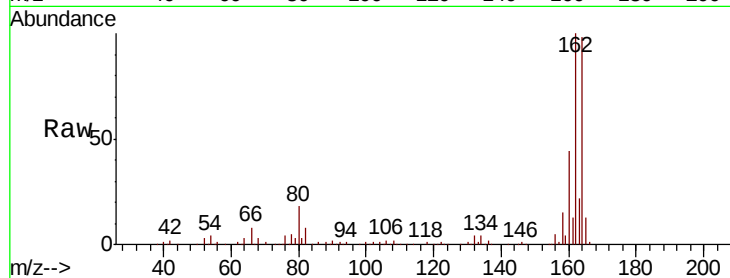
Tot Ion:165 Resp: 39298

Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

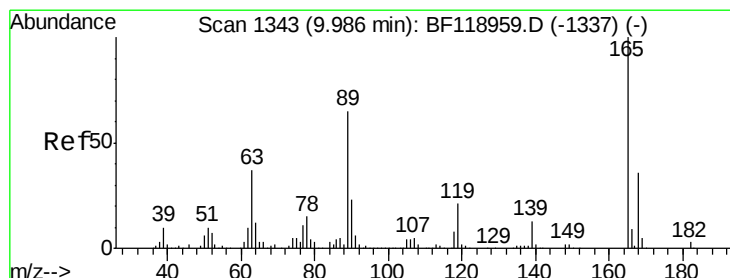
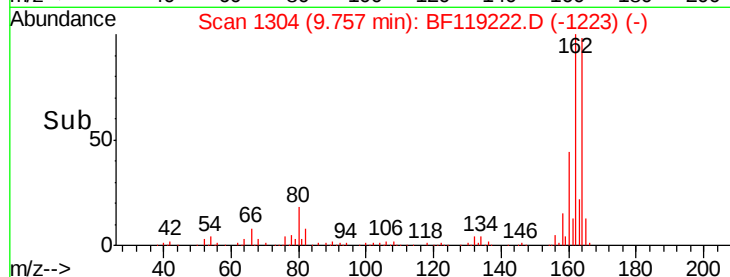
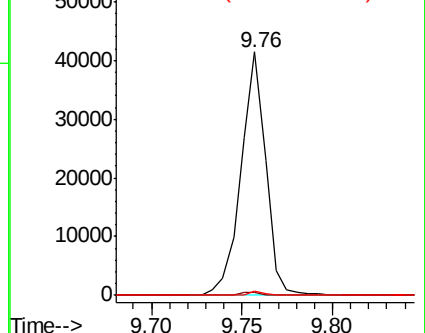
89 1.7 38.3 57.5#



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



#57

2,4-Dinitrotoluene

Concen: 5.801 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.23 min

Lab File: BF119222.D

Acq: 5 Mar 2020 20:03

Tgt Ion:165 Resp: 39298

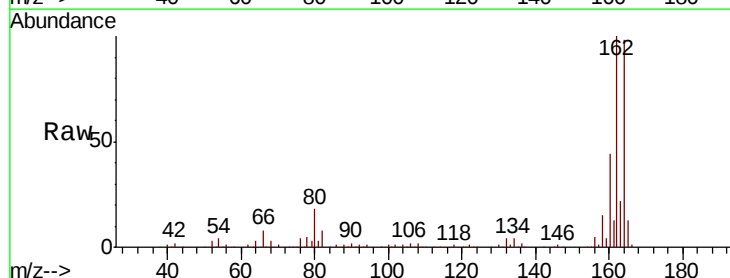
Ion Ratio Lower Upper

165 100

63 1.3 42.3 63.5#

89 1.7 60.2 90.4#

182 0.0 2.3 3.5#

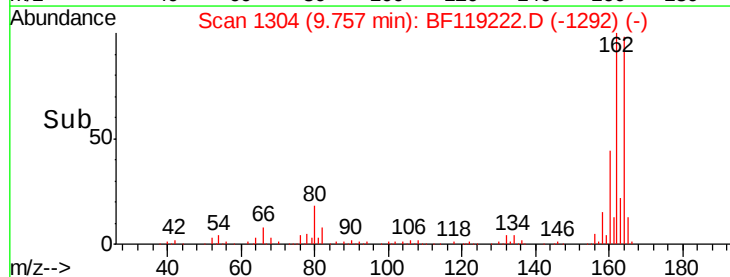
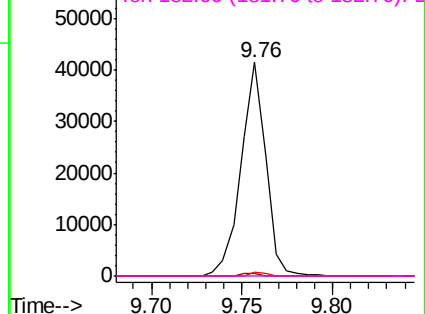


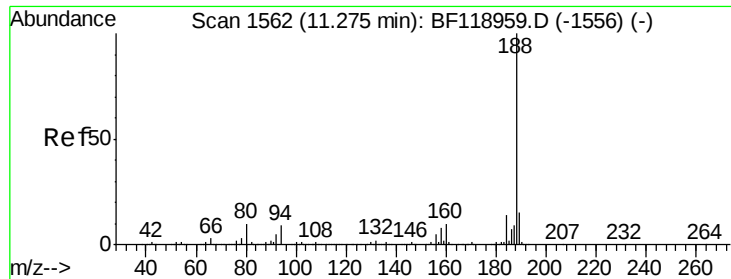
Abundance Ion 165.00 (164.70 to 165.70): E

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

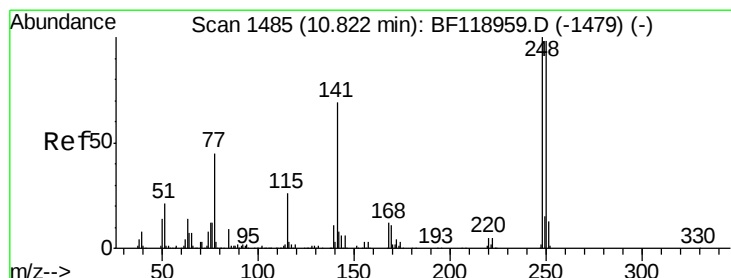
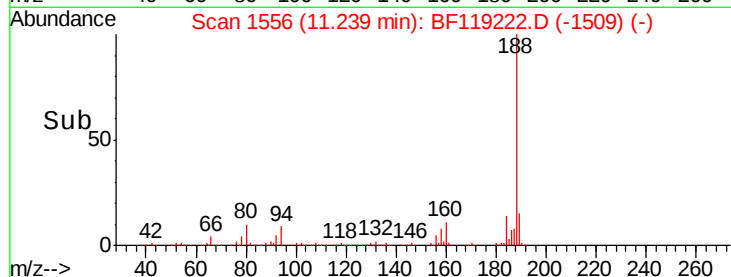
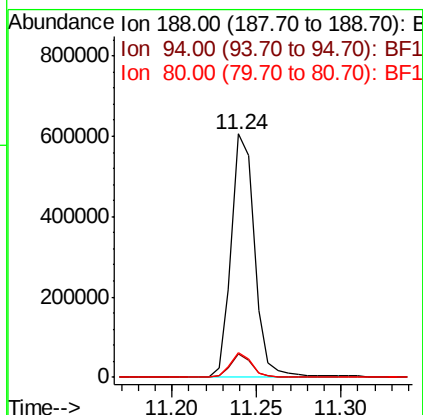
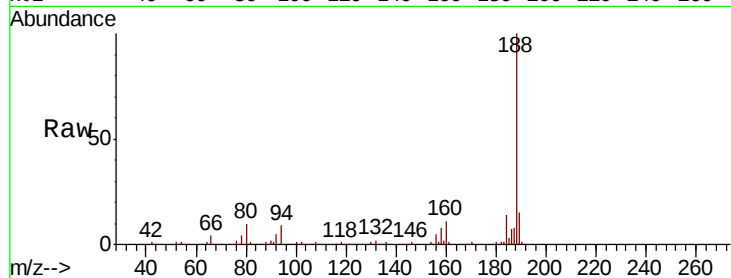




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF119222.D
Acq: 5 Mar 2020 20:03

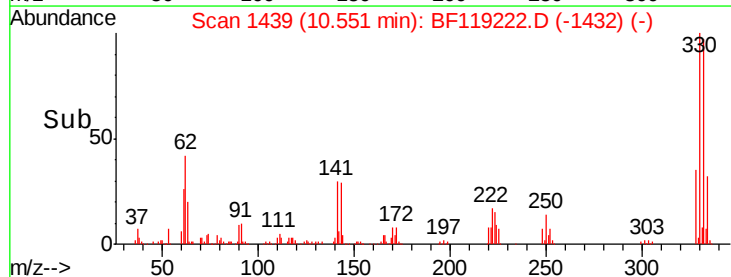
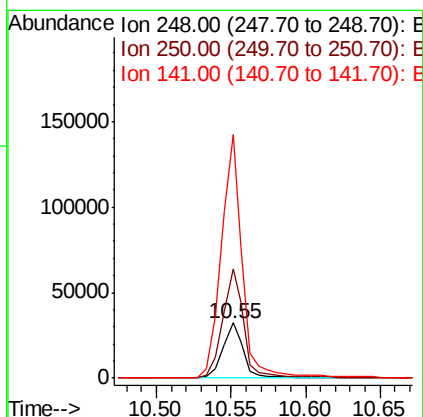
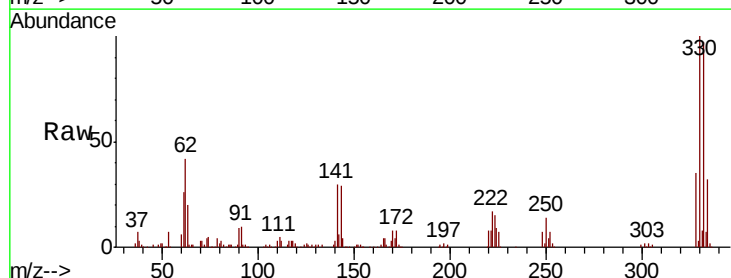
Instrument :
BNA_F
ClientSampleId :

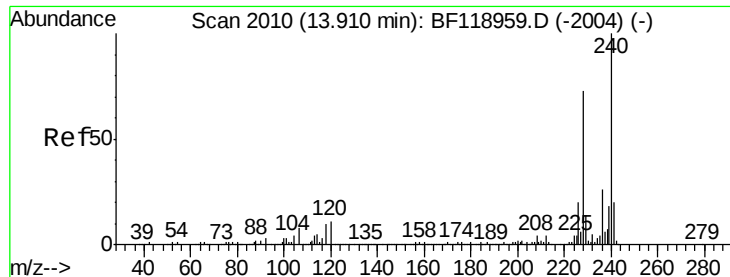
Tot Ion:188 Resp: 582107
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.2 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.164 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119222.D
Acq: 5 Mar 2020 20:03

Tgt Ion:248 Resp: 31681
Ion Ratio Lower Upper
248 100
250 198.7 76.7 115.1#
141 443.5 60.7 91.1#

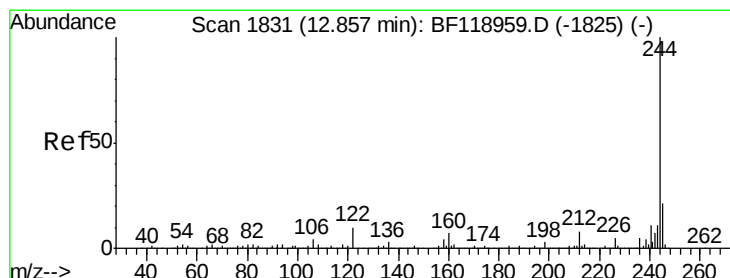
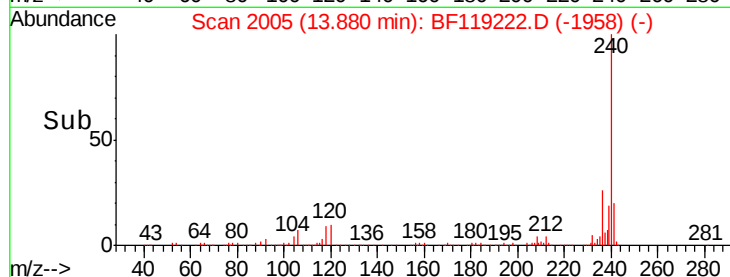
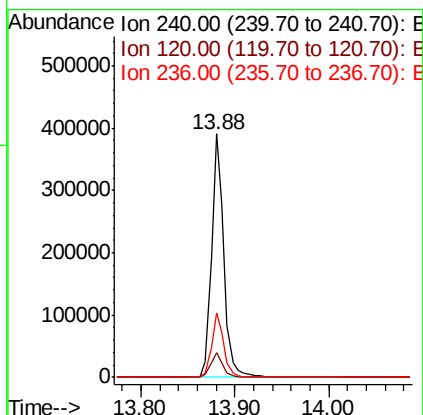
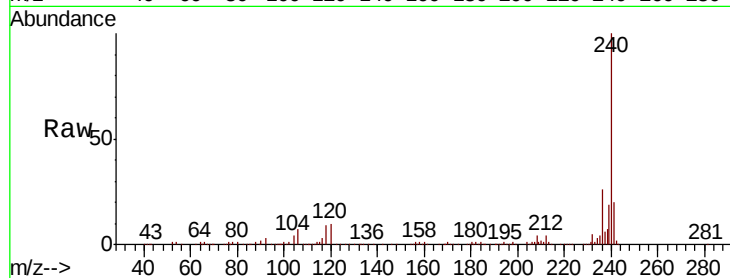




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF119222.D
 Acq: 5 Mar 2020 20:03

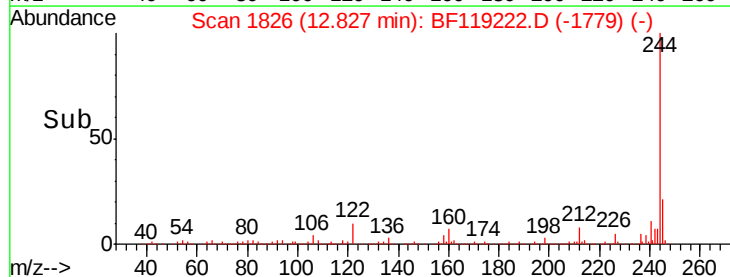
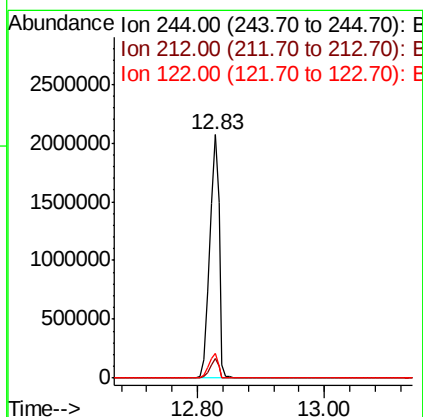
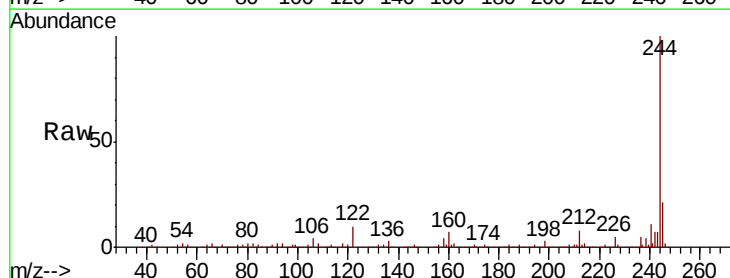
Instrument :
 BNA_F
 ClientSampled :

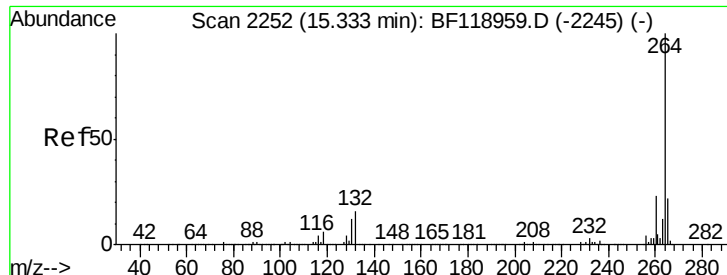
Tot Ion:240 Resp: 363827
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 26.3 21.0 31.4



#79
 Terphenyl-d14
 Concen: 102.640 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119222.D
 Acq: 5 Mar 2020 20:03

Tgt Ion:244 Resp: 2168999
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 10.0
 122 10.3 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: BF119222.D
Acq: 5 Mar 2020 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.0	17.7	26.5

