

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119220.D
 Acq On : 5 Mar 2020 19:04
 Operator : CG/JU
 Sample : PB127257BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:28:02 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

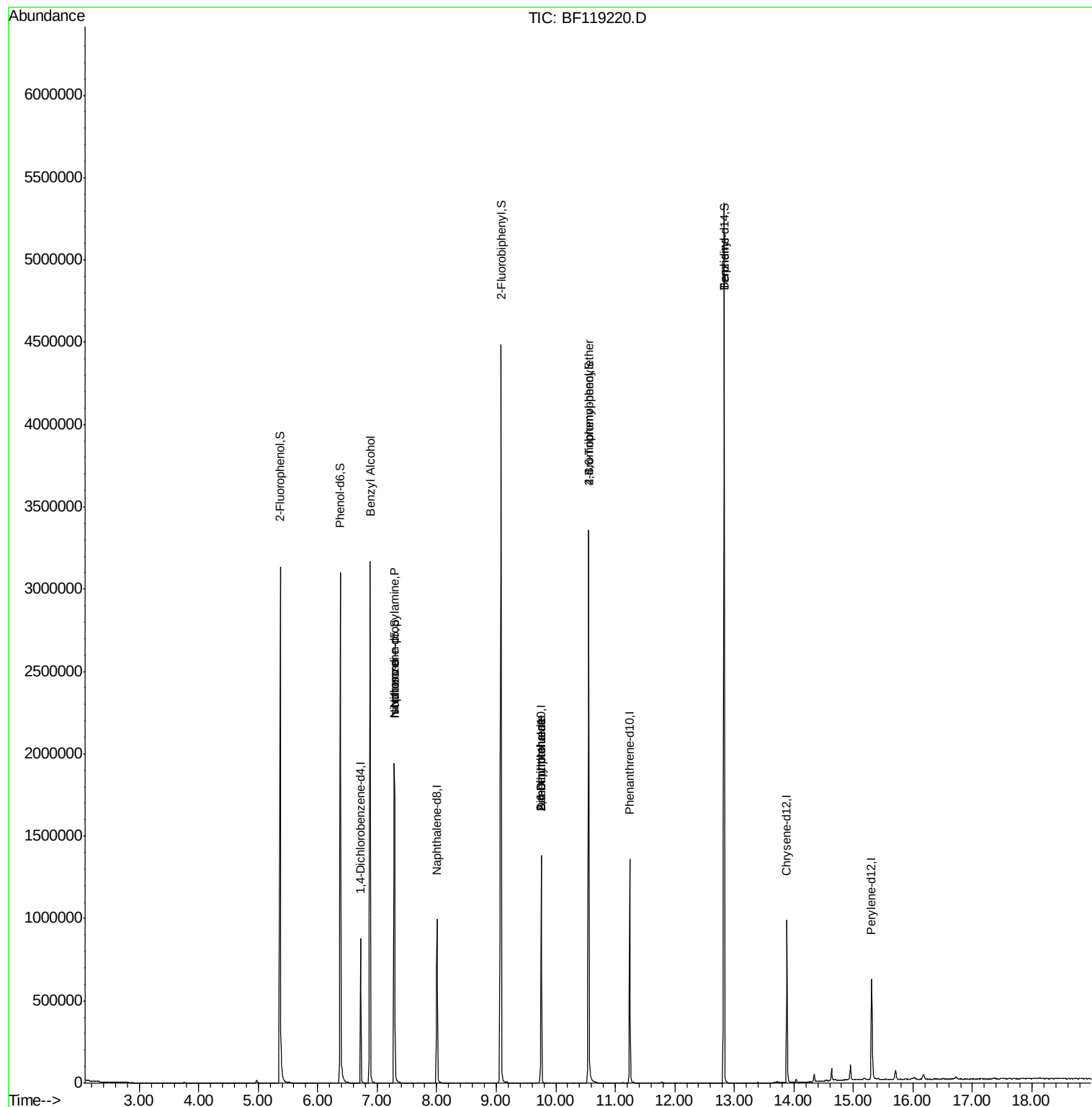
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137188	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	534190	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	298993	20.00	ng	-0.03
64) Phenanthrene-d10	11.25	188	570461	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	348701	20.00	ng	-0.02
87) Perylene-d12	15.30	264	283630	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1017706	123.97	ng	0.00
7) Phenol-d6	6.38	99	1241115	124.31	ng	-0.02
23) Nitrobenzene-d5	7.29	82	829262	81.97	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	467436	119.51	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1676859	82.62	ng	-0.03
79) Terphenyl-d14	12.83	244	2082882	102.84	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.88	79	15002	2.079	ng	# 48
19) n-Nitroso-di-n-propylamine	7.29	70	114828	19.738	ng	# 77
25) Isophorone	7.29	82	819286	46.628	ng	# 63
50) Dimethylphthalate	9.76	163	63154	2.762	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	38131	7.507	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	38131	5.791	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	30712	4.119	ng	# 1
77) Benzidine	12.83	184	29141	2.055	ng	# 94

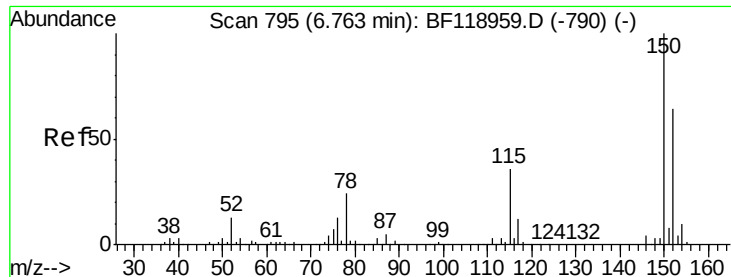
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
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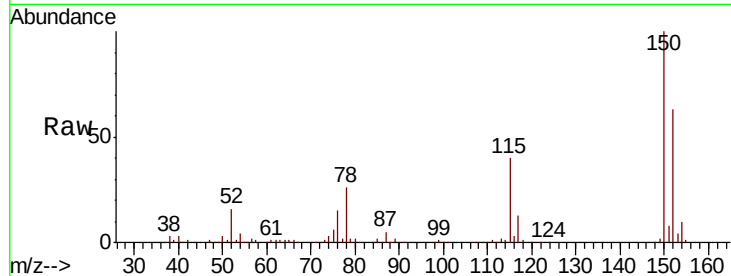


#1

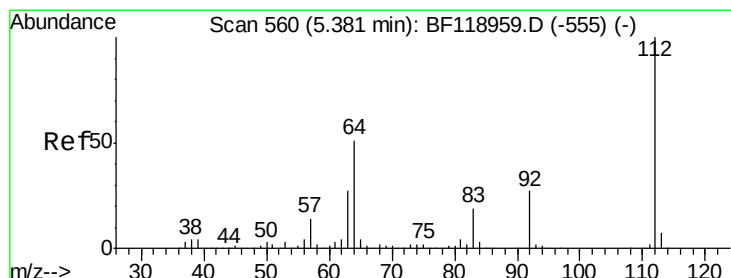
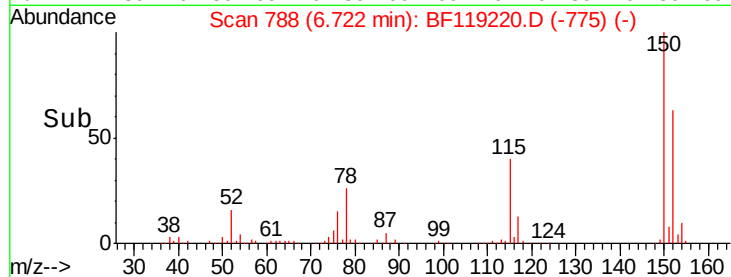
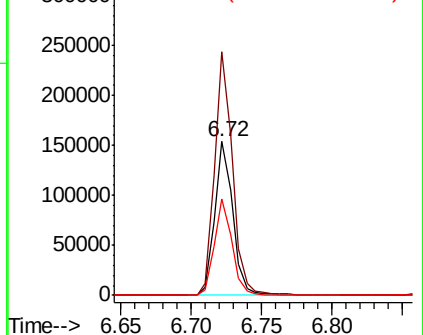
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF119220.D
 Acq: 5 Mar 2020 19:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 137188
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.0 184.6
 115 62.9 49.5 74.3



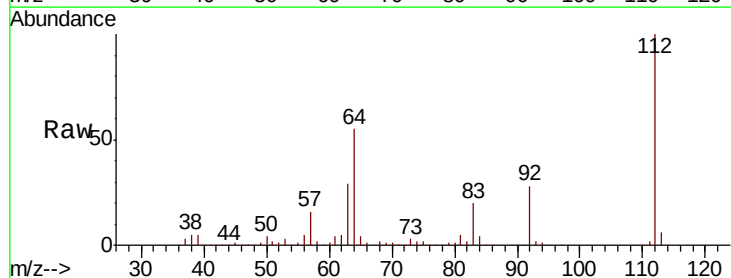
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



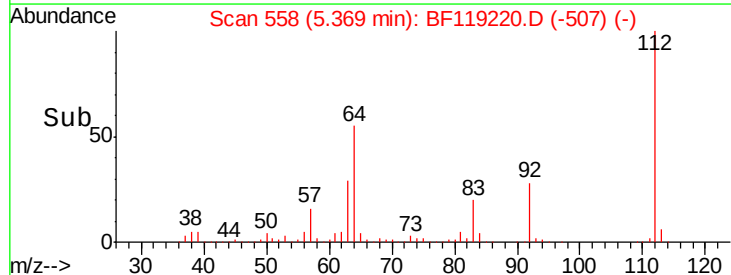
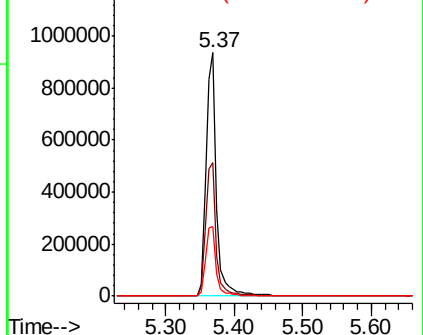
#5

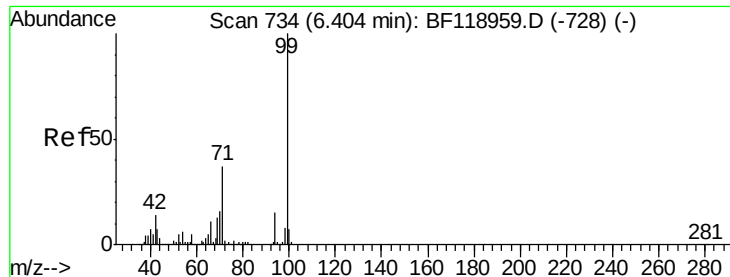
2-Fluorophenol
 Concen: 123.973 ng
 RT: 5.37 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF119220.D
 Acq: 5 Mar 2020 19:04

Tgt Ion:112 Resp: 1017706
 Ion Ratio Lower Upper
 112 100
 64 54.7 45.0 67.4
 63 28.7 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: 124.314 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119220.D

Acq: 5 Mar 2020 19:04

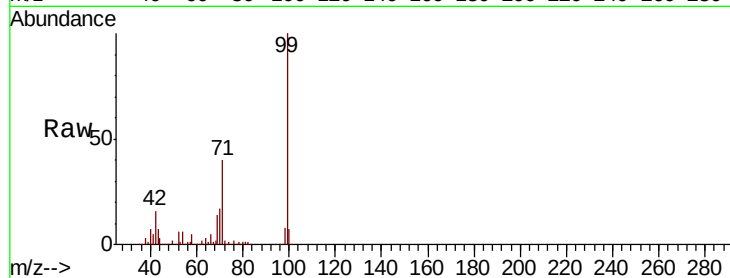
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1241115

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.6	18.8
71	39.9	31.0	46.4

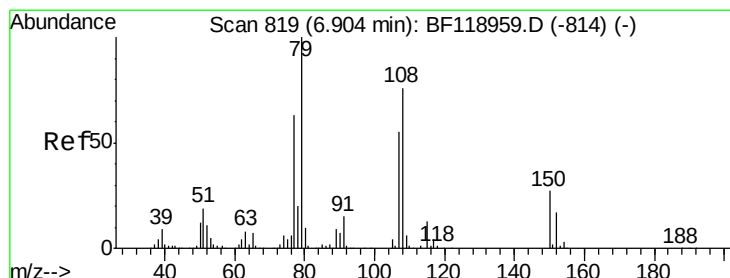
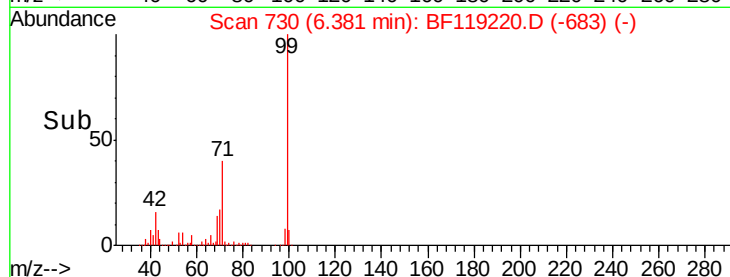
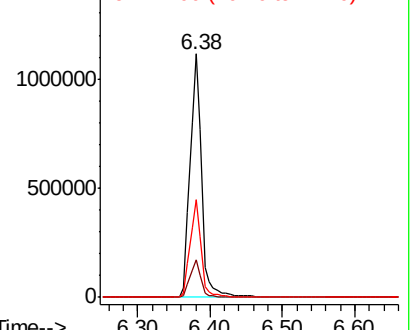


Abundance

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



#15

Benzyl Alcohol

Concen: 2.079 ng

RT: 6.88 min Scan# 815

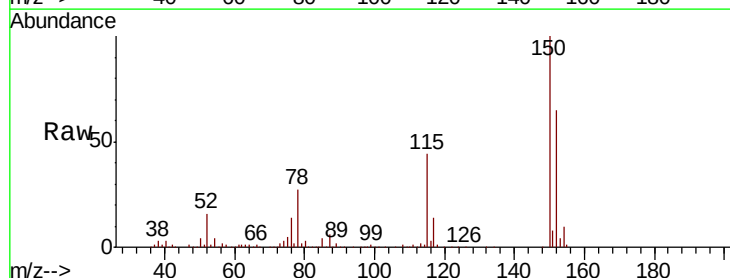
Delta R.T. -0.02 min

Lab File: BF119220.D

Acq: 5 Mar 2020 19:04

Tgt Ion: 79 Resp: 15002

Ion	Ratio	Lower	Upper
79	100		
108	31.5	58.2	87.2#
77	107.0	51.2	76.8#

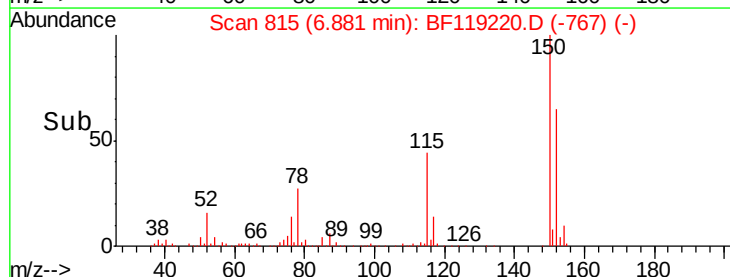
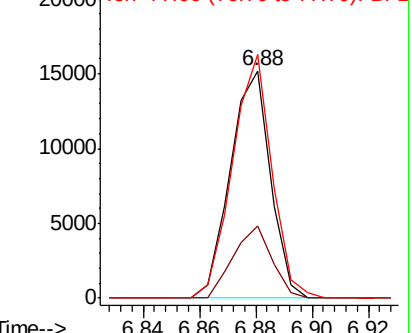


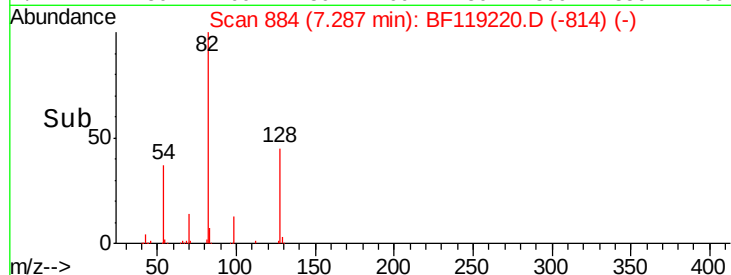
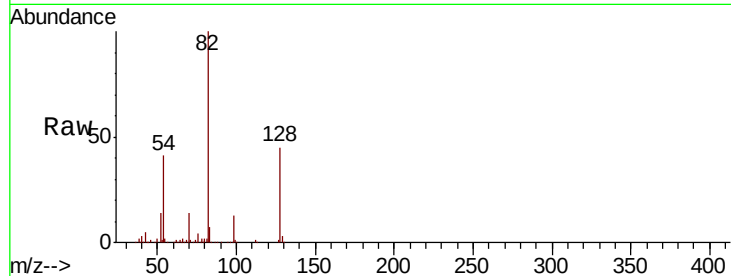
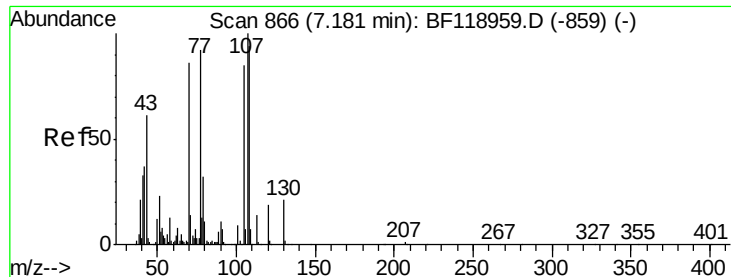
Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

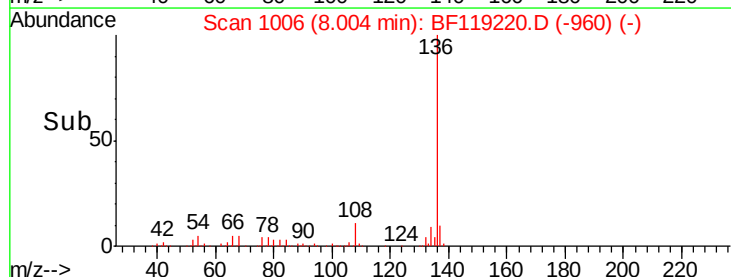
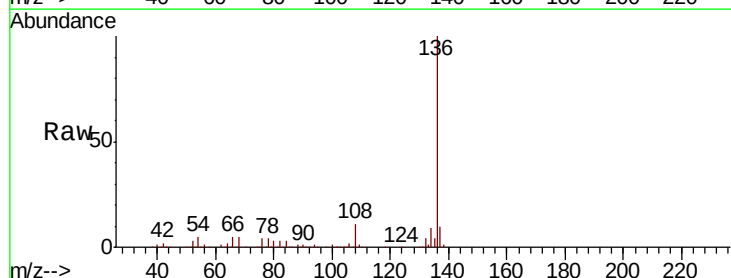
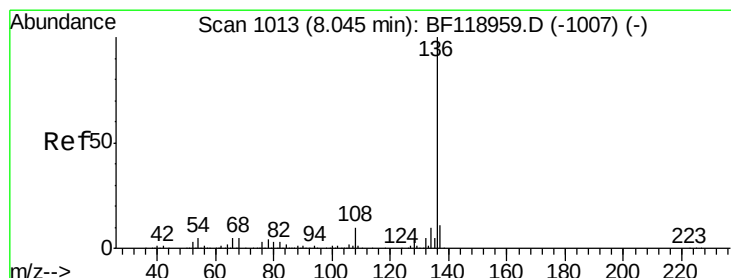
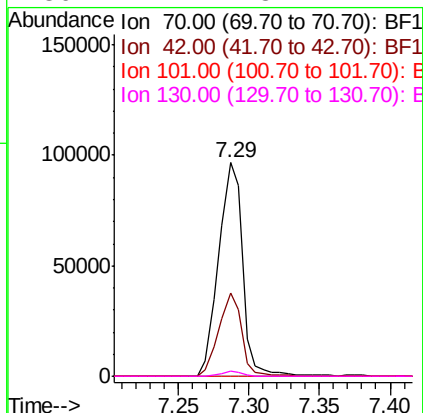




#19
n-Nitroso-di-n-propylamine
Concen: 19.738 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.11 min
Lab File: BF119220.D
Acq: 5 Mar 2020 19:04

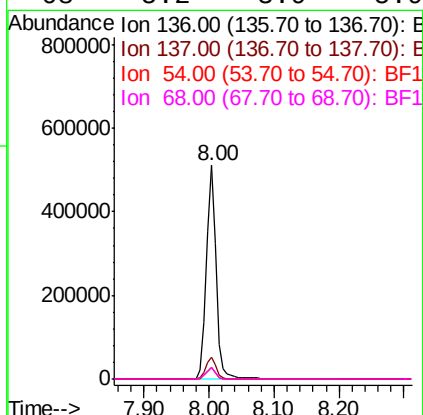
Instrument :
BNA_F
ClientSampled :

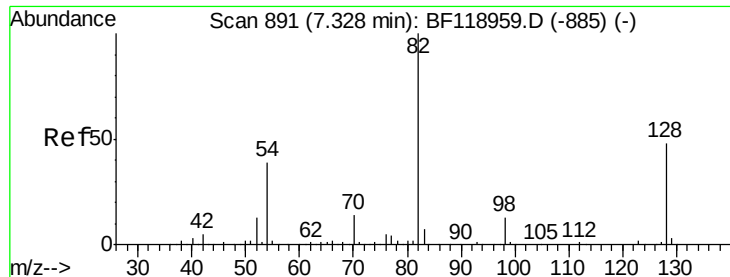
Tot Ion	Ratio	Lower	Upper
70	100		
42	39.0	38.0	57.0
101	0.0	8.2	12.4#
130	2.2	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119220.D
Acq: 5 Mar 2020 19:04

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	5.2	3.8	5.6
68	5.2	3.9	5.9

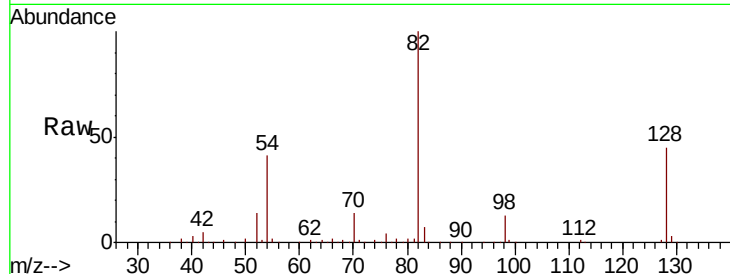




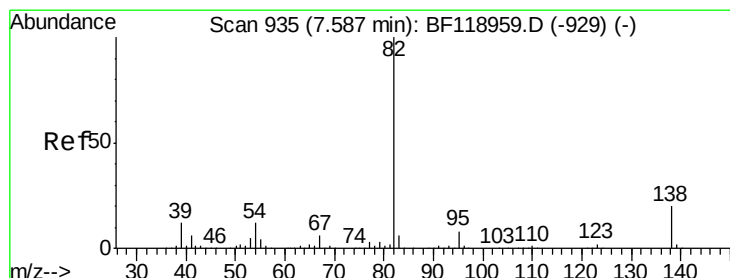
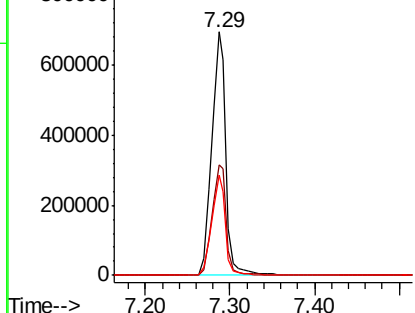
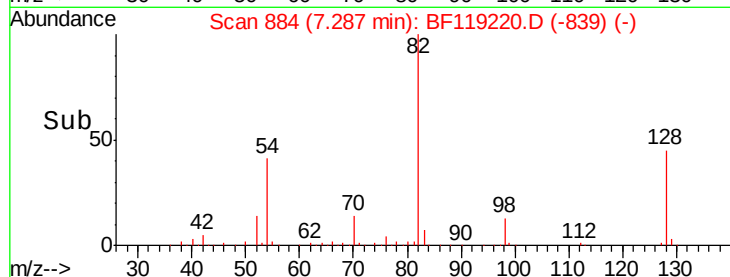
#23
Nitrobenzene-d5
Concen: 81.965 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF119220.D
Acq: 5 Mar 2020 19:04

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 829262
Ion Ratio Lower Upper
82 100
128 45.4 37.9 56.9
54 41.0 33.4 50.2

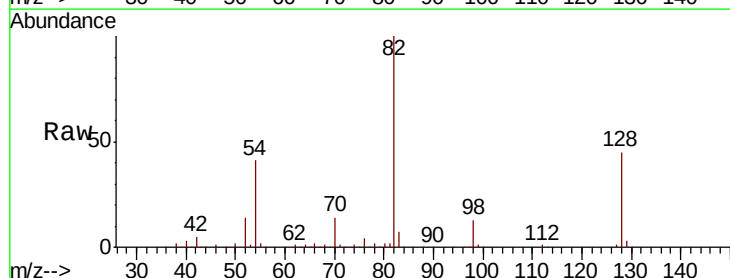


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

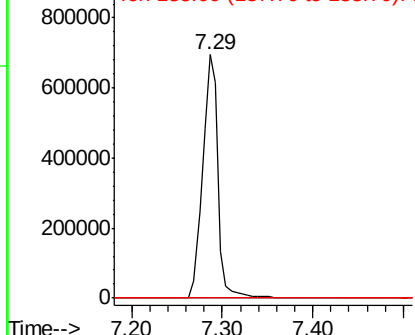
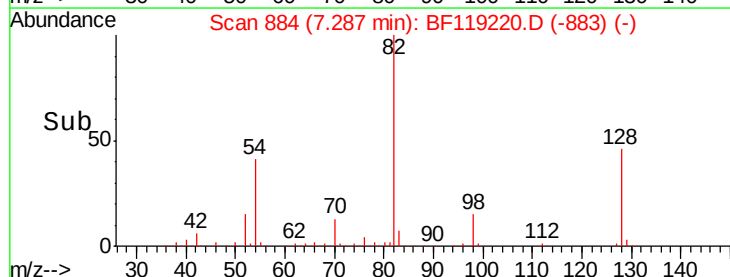


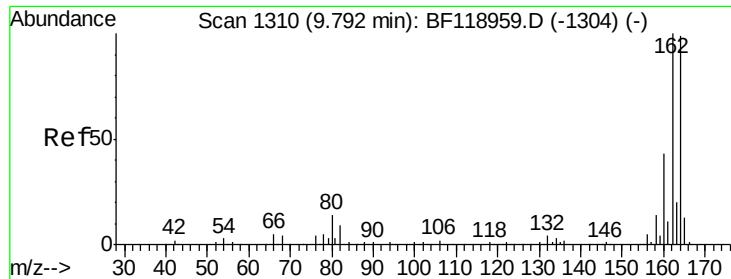
#25
Isophorone
Concen: 46.628 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.29 min
Lab File: BF119220.D
Acq: 5 Mar 2020 19:04

Tgt Ion: 82 Resp: 819286
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: BF119220.D

Acq: 5 Mar 2020 19:04

Instrument :

BNA_F

ClientSampleId :

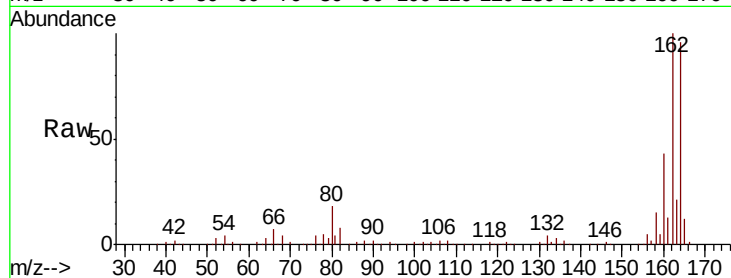
Tot Ion:164 Resp: 298993

Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.8

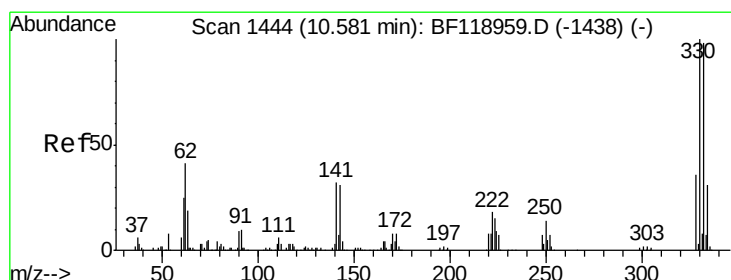
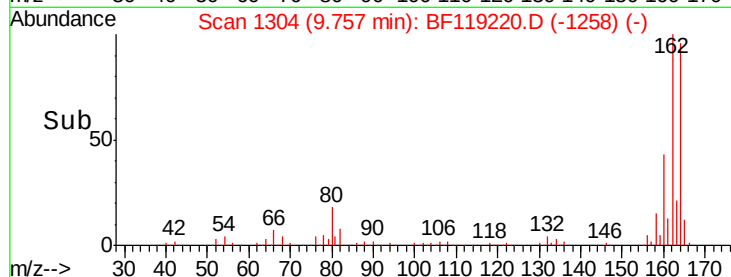
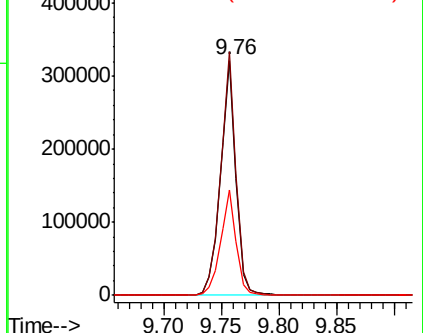
160 44.7 36.0 54.0



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: 119.508 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF119220.D

Acq: 5 Mar 2020 19:04

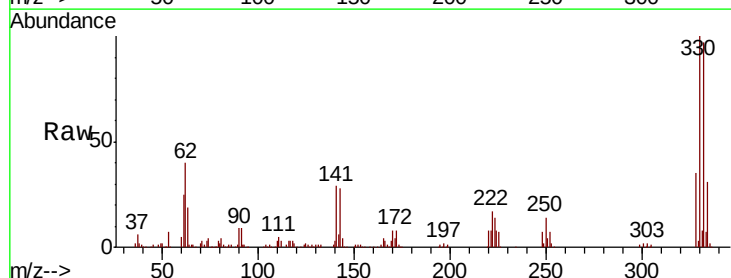
Tgt Ion:330 Resp: 467436

Ion Ratio Lower Upper

330 100

332 97.0 76.0 114.0

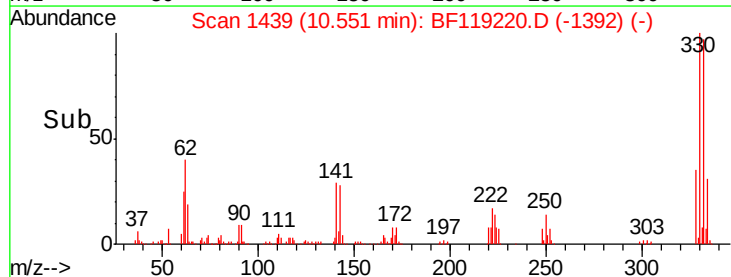
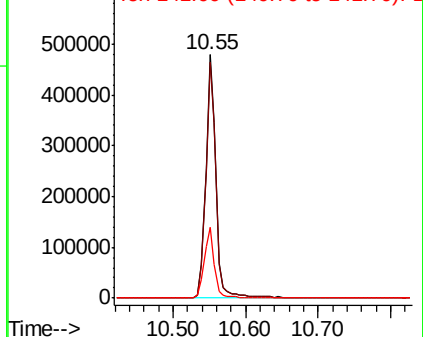
141 29.2 22.9 34.3

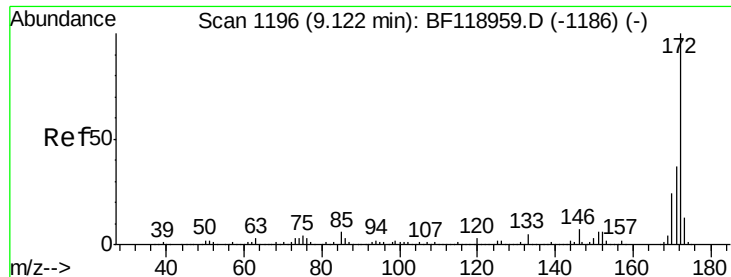


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

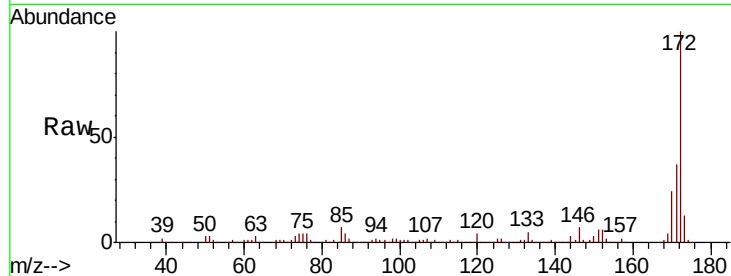




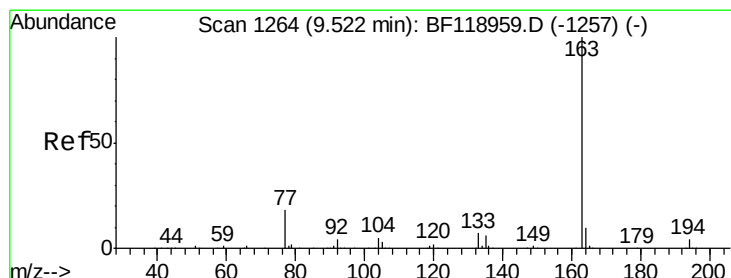
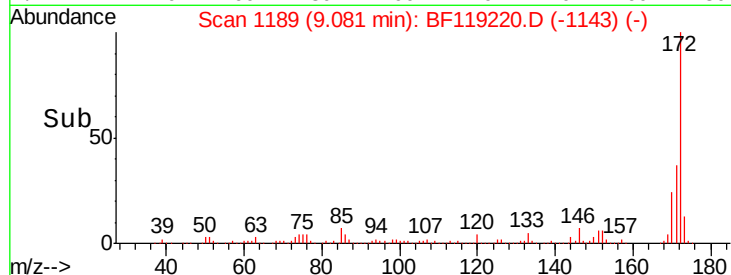
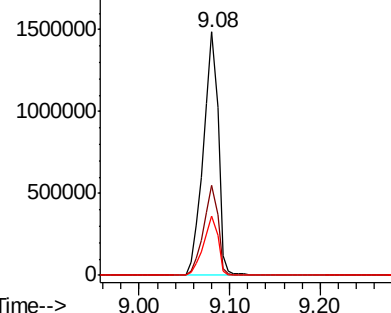
#45
2-Fluorobiphenyl
Concen: 82.621 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF119220.D
Acq: 5 Mar 2020 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1676859
Ion Ratio Lower Upper
172 100
171 37.0 30.6 45.8
170 24.2 20.2 30.2

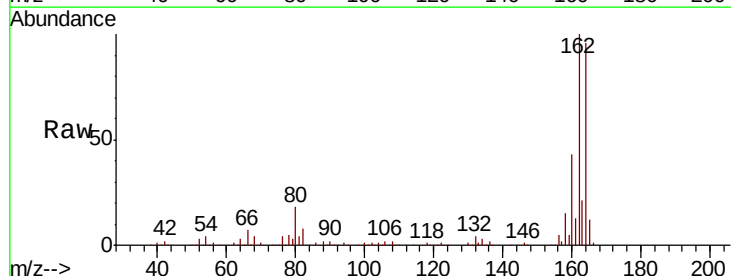


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

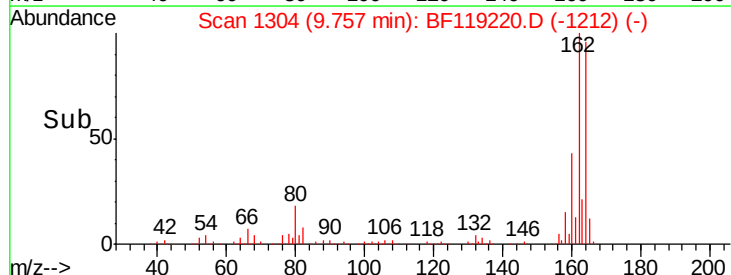
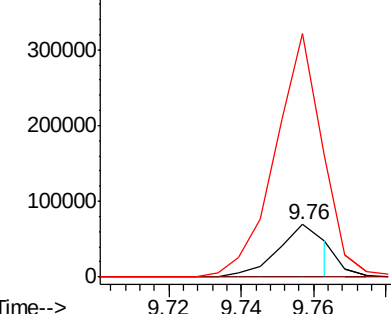


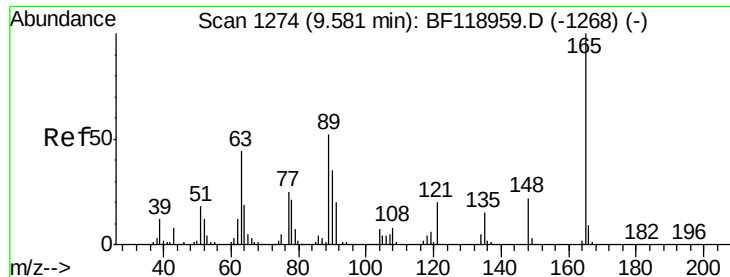
#50
Dimethylphthalate
Concen: 2.762 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.24 min
Lab File: BF119220.D
Acq: 5 Mar 2020 19:04

Tgt Ion:163 Resp: 63154
Ion Ratio Lower Upper
163 100
194 0.0 3.5 5.3#
164 463.4 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E
400000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.507 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.18 min

Lab File: BF119220.D

Acq: 5 Mar 2020 19:04

Instrument :
BNA_F
ClientSampled :

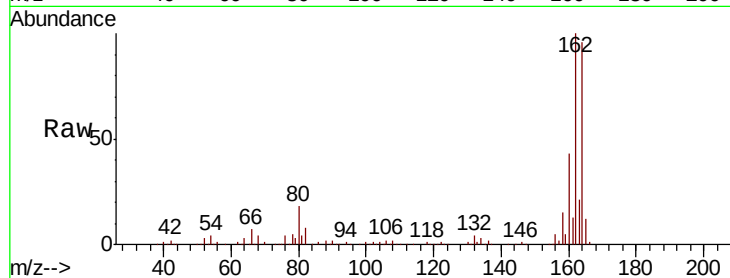
Tot Ion:165 Resp: 38131

Ion Ratio Lower Upper

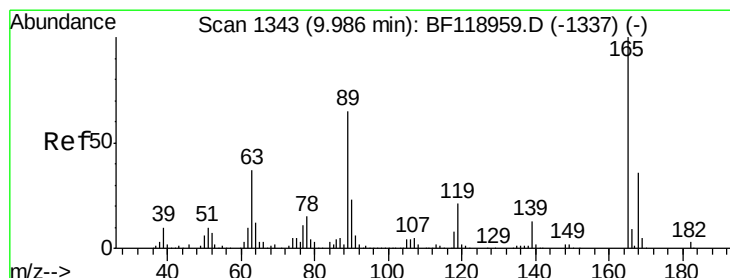
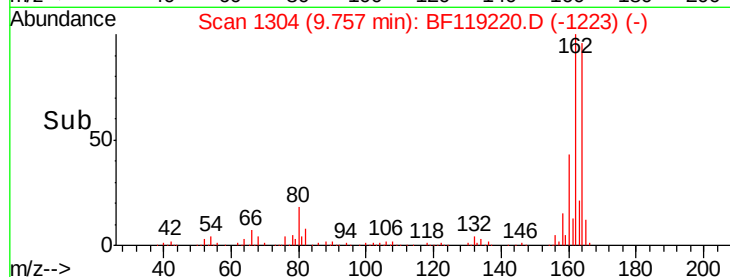
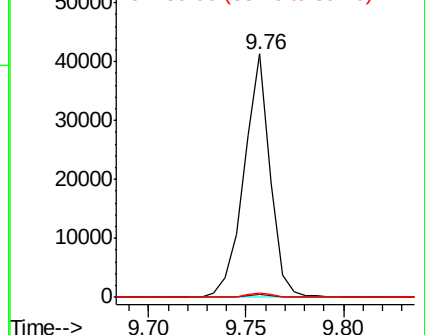
165 100

63 1.4 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: 5.791 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.23 min

Lab File: BF119220.D

Acq: 5 Mar 2020 19:04

Tgt Ion:165 Resp: 38131

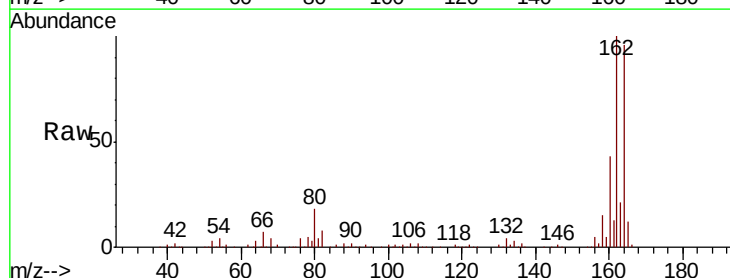
Ion Ratio Lower Upper

165 100

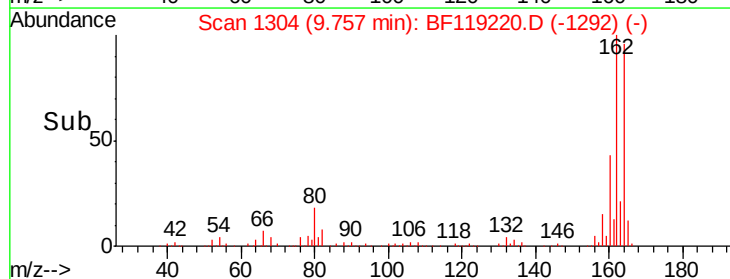
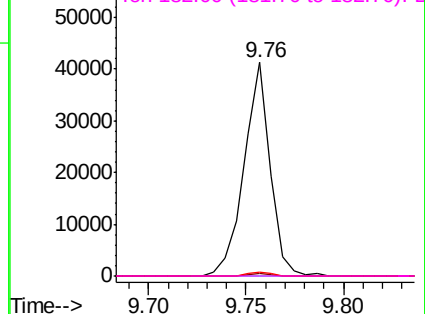
63 1.4 42.3 63.5#

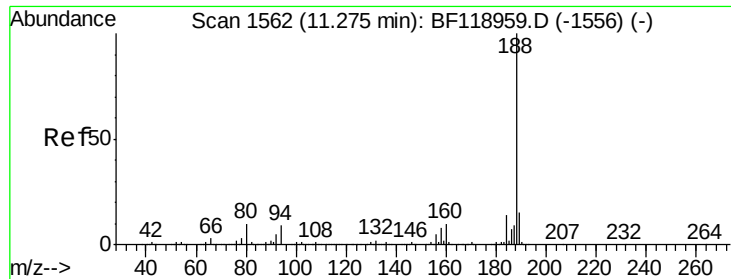
89 1.7 60.2 90.4#

182 0.0 2.3 3.5#



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

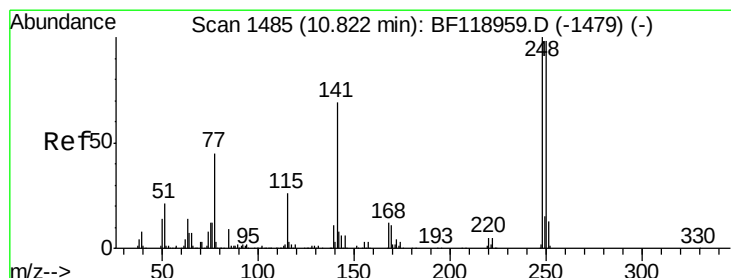
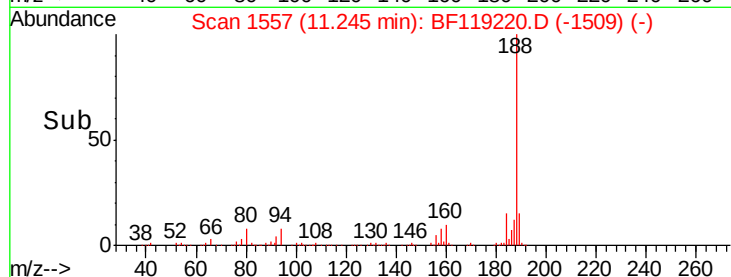
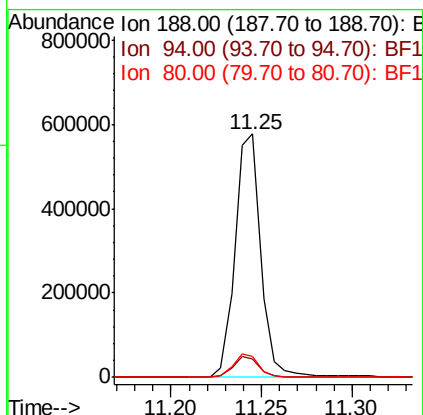
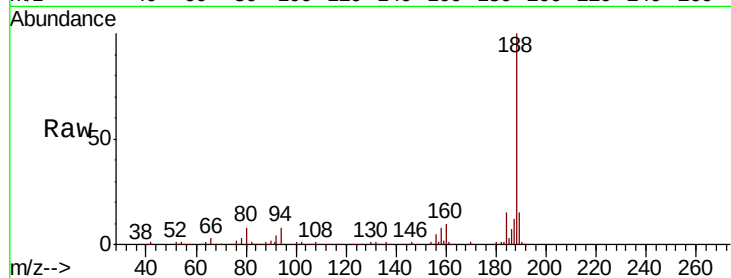




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119220.D
Acq: 5 Mar 2020 19:04

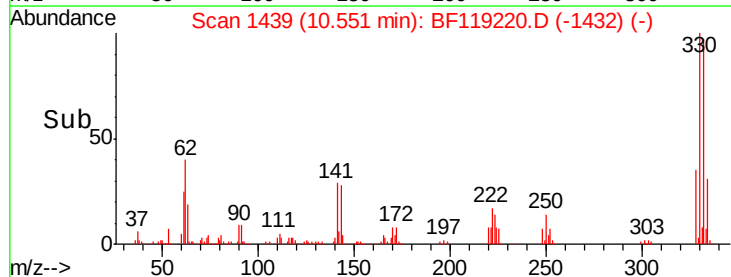
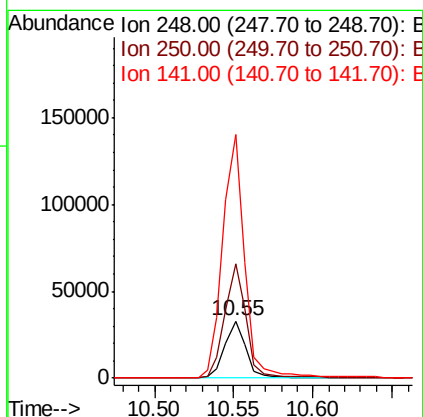
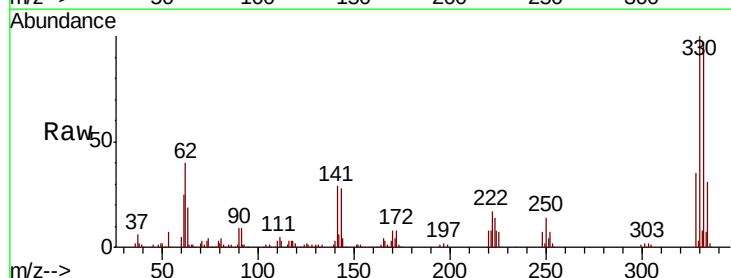
Instrument :
BNA_F
ClientSampleId :

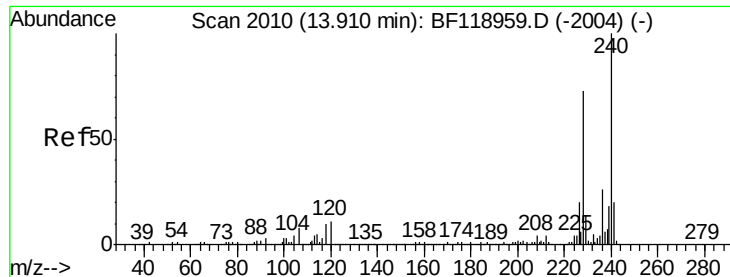
Tot Ion:188 Resp: 570461
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 8.3 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.119 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119220.D
Acq: 5 Mar 2020 19:04

Tgt Ion:248 Resp: 30712
Ion Ratio Lower Upper
248 100
250 201.5 76.7 115.1#
141 427.1 60.7 91.1#

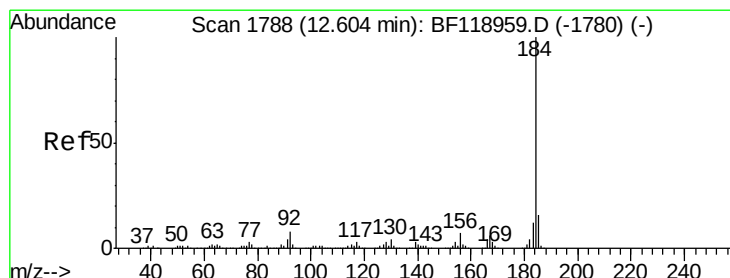
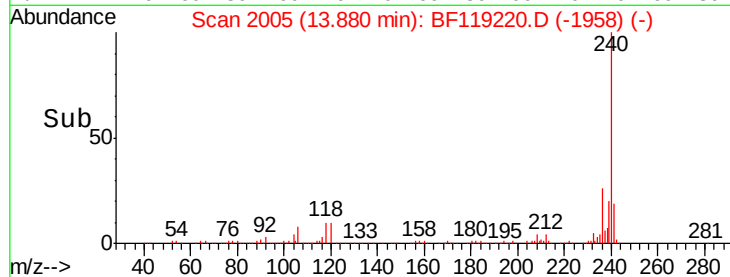
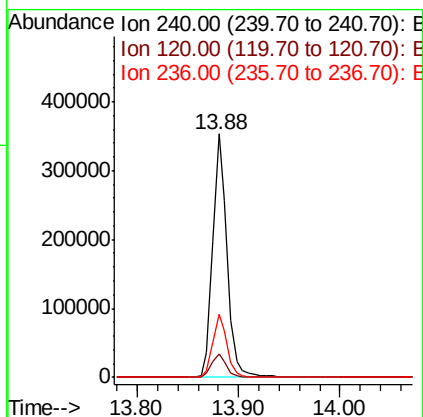
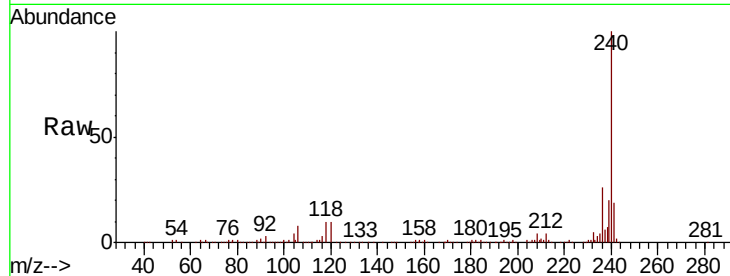




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF119220.D
 Acq: 5 Mar 2020 19:04

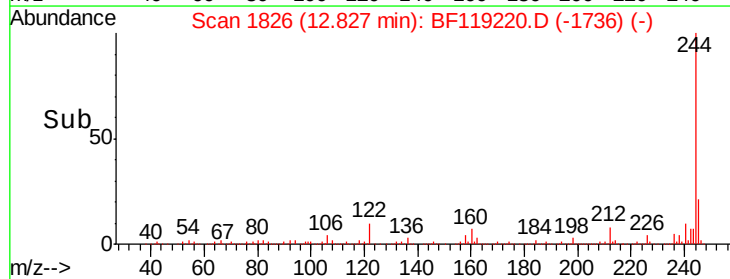
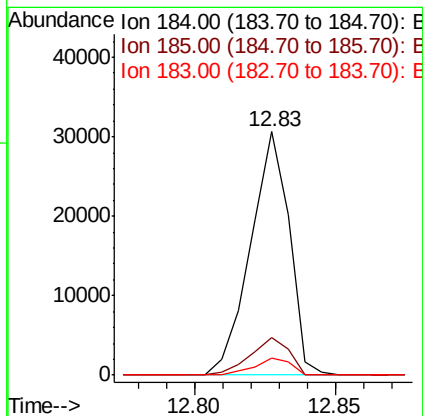
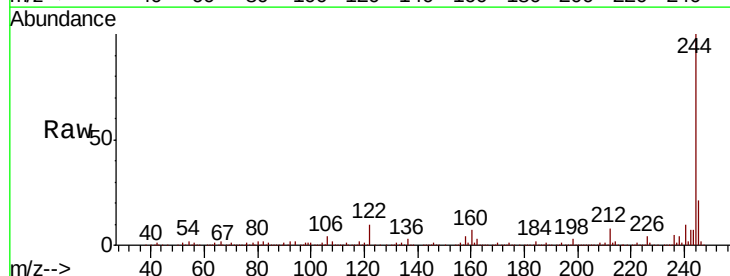
Instrument :
 BNA_F
 ClientSampleId :

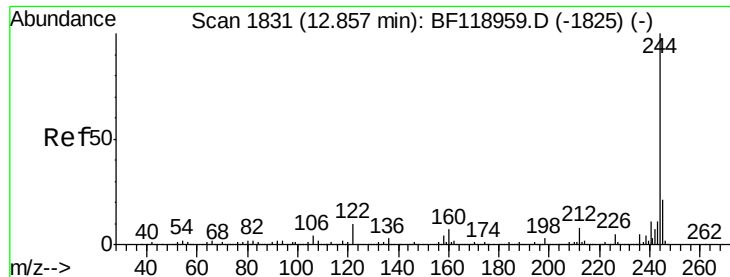
Tot Ion:240 Resp: 348701
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.4 12.6
 236 26.0 21.0 31.4



#77
 Benzidine
 Concen: 2.055 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.23 min
 Lab File: BF119220.D
 Acq: 5 Mar 2020 19:04

Tgt Ion:184 Resp: 29141
 Ion Ratio Lower Upper
 184 100
 185 15.4 12.2 18.4
 183 6.9 9.9 14.9#



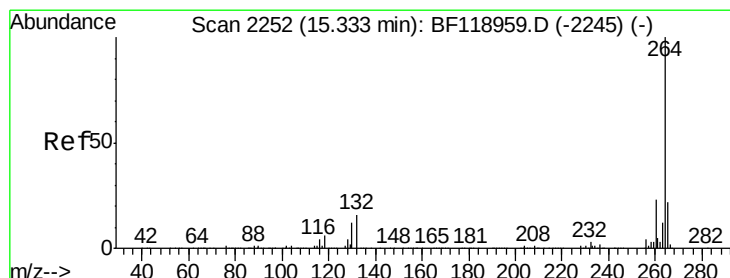
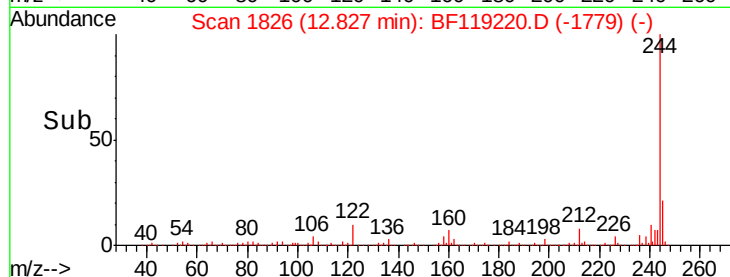
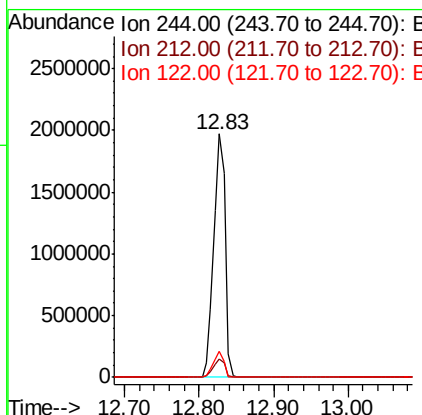
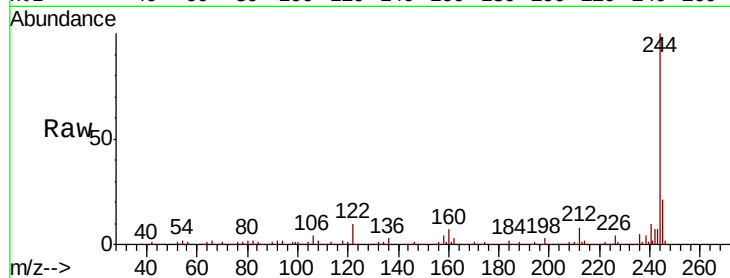


#79
 Terphenyl-d14
 Concen: 102.840 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119220.D
 Acq: 5 Mar 2020 19:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2082882

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	10.0
122	10.5	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119220.D
 Acq: 5 Mar 2020 19:04

Tgt Ion:264 Resp: 283630

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.1	17.7	26.5

