

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120089.D
 Acq On : 20 Apr 2020 20:29
 Operator : MA/SJ
 Sample : L2314-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 01:09:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

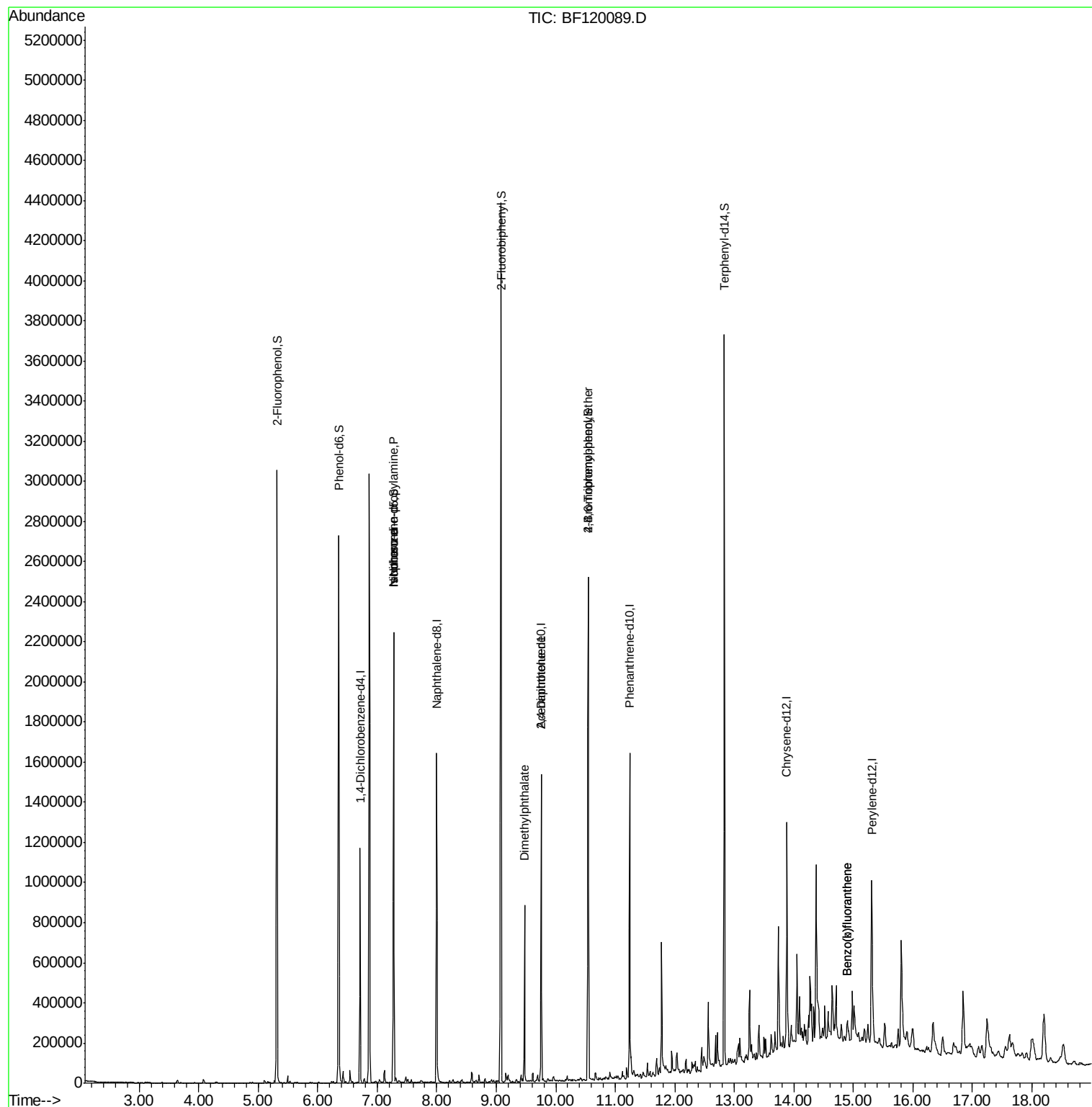
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	168616	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	627843	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	301907	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	538543	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	357668	20.00	ng	-0.02
87) Perylene-d12	15.31	264	336902	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	764804	78.39	ng	0.00
7) Phenol-d6	6.36	99	982368	78.14	ng	0.00
23) Nitrobenzene-d5	7.28	82	673046	55.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	263829	71.38	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1297149	61.00	ng	0.00
79) Terphenyl-d14	12.83	244	1227476	57.75	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.26	77	1610	Below Cal		Qvalue # 48
19) n-Nitroso-di-n-propylamine	7.28	70	88587	10.958	ng	# 76
25) Isophorone	7.28	82	665078	28.428	ng	# 65
50) Dimethylphthalate	9.47	163	295667	12.661	ng	# 99
57) 2,4-Dinitrotoluene	9.76	165	39511	5.864	ng	# 23
67) 4-Bromophenyl-phenylether	10.55	248	16657	2.487	ng	# 1
88) Benzo(b)fluoranthene	14.90	252	50610	2.088	ng	# 92
89) Benzo(k)fluoranthene	14.90	252	50610	2.420	ng	# 92

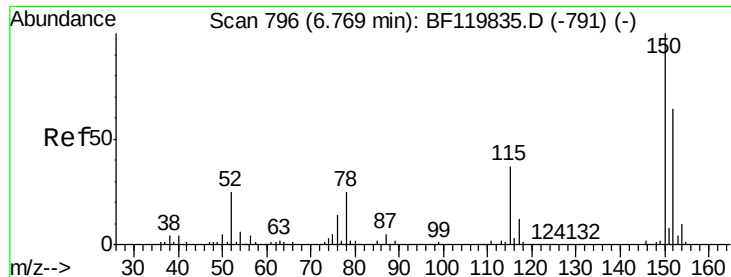
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120089.D
Acq On : 20 Apr 2020 20:29
Operator : MA/SJ
Sample : L2314-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 21 01:09:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 14:10:57 2020
Response via : Initial Calibration



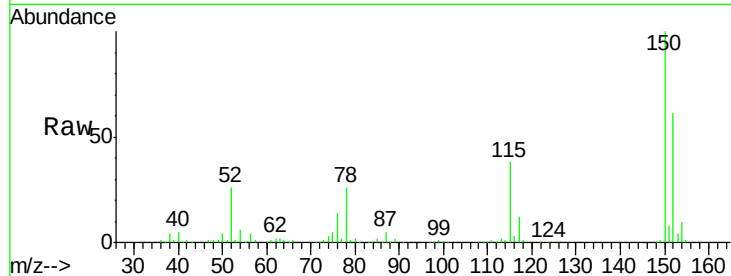


#1

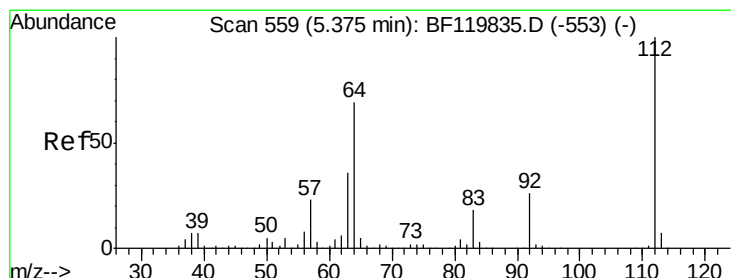
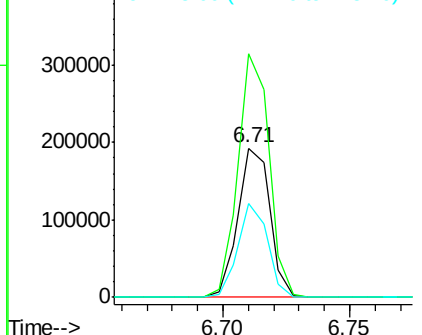
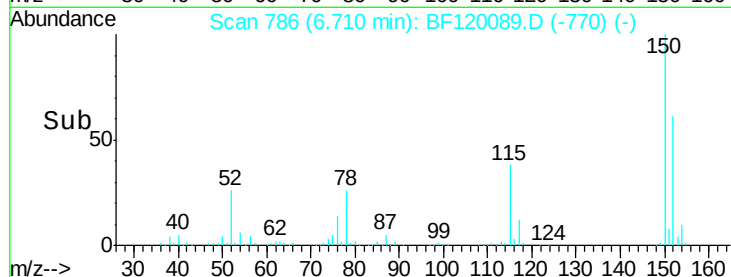
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120089.D
Acq: 20 Apr 2020 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168616
Ion Ratio Lower Upper
152 100
150 163.5 124.8 187.2
115 62.6 46.5 69.7



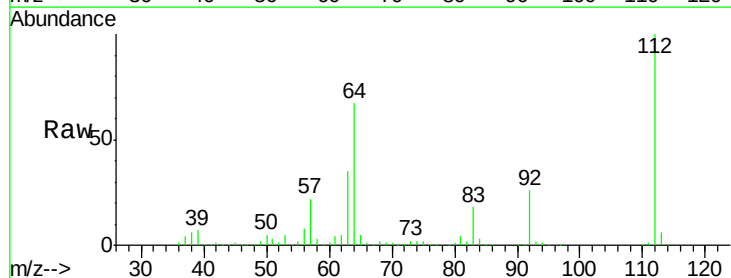
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



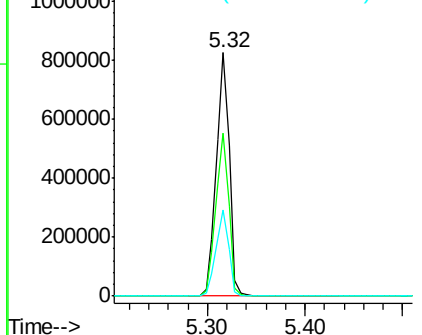
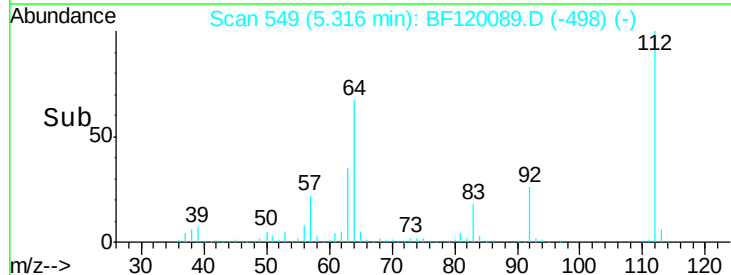
#5

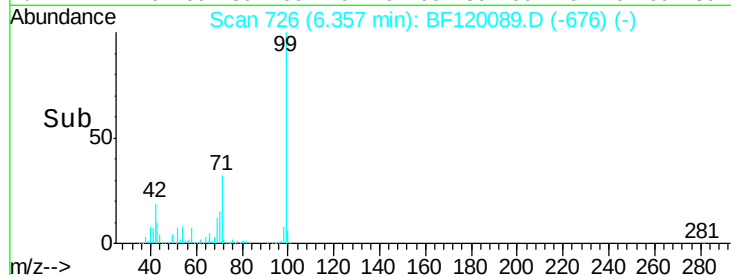
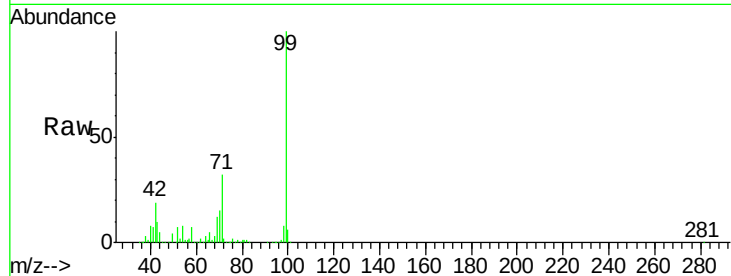
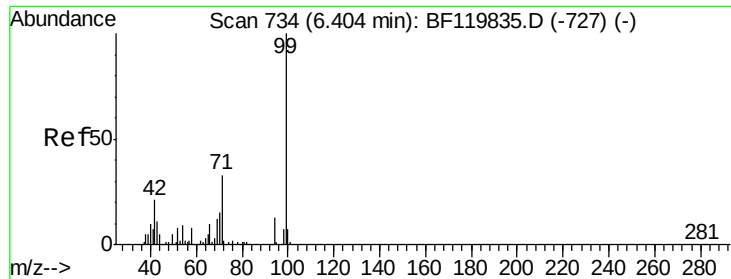
2-Fluorophenol
Concen: 78.386 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF120089.D
Acq: 20 Apr 2020 20:29

Tgt Ion:112 Resp: 764804
Ion Ratio Lower Upper
112 100
64 67.1 55.5 83.3
63 35.4 29.1 43.7



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: 78.138 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120089.D

Acq: 20 Apr 2020 20:29

Instrument :

BNA_F

ClientSampleId :

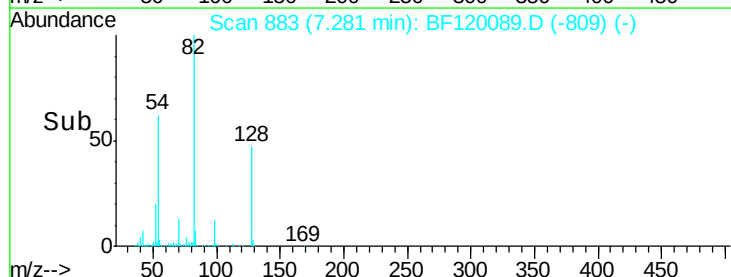
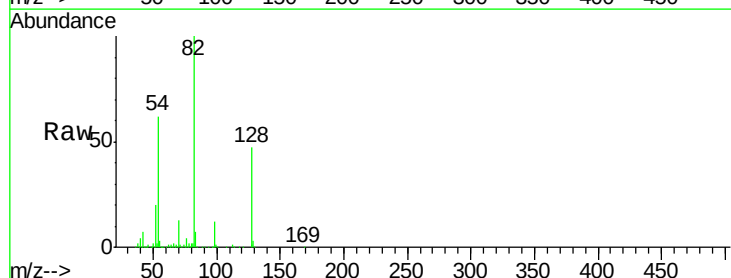
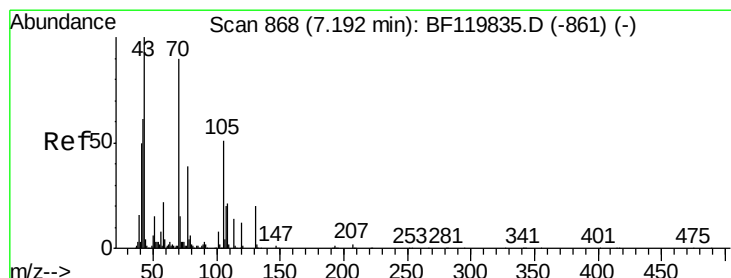
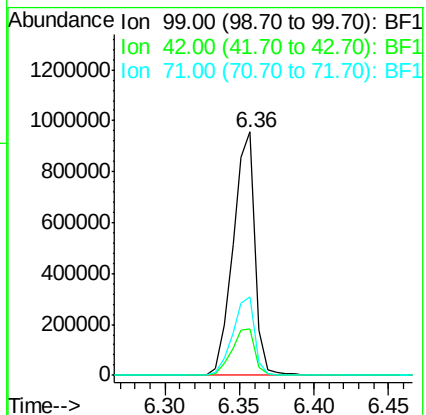
Tot Ion: 99 Resp: 982368

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

71 32.1 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 10.958 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF120089.D

Acq: 20 Apr 2020 20:29

Tgt Ion: 70 Resp: 88587

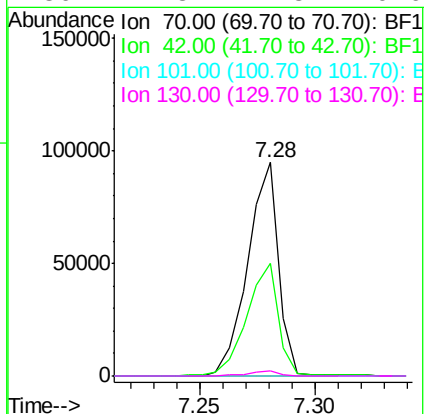
Ion Ratio Lower Upper

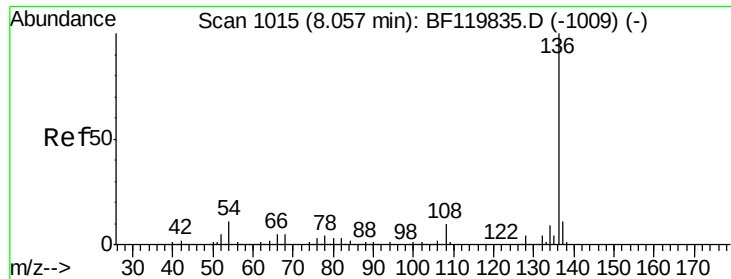
70 100

42 52.9 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

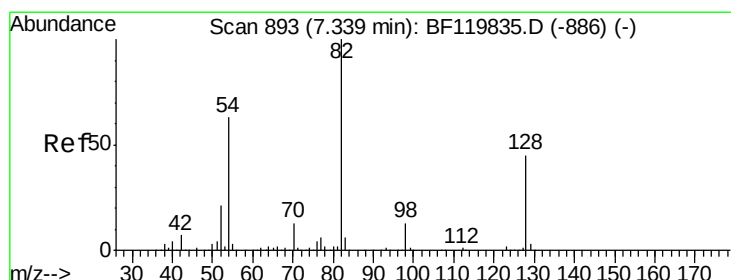
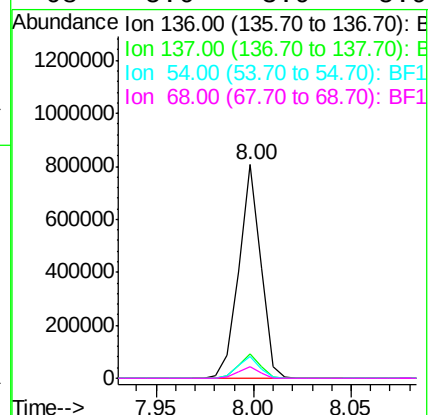
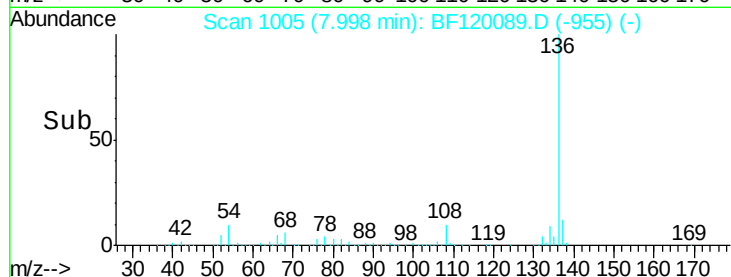
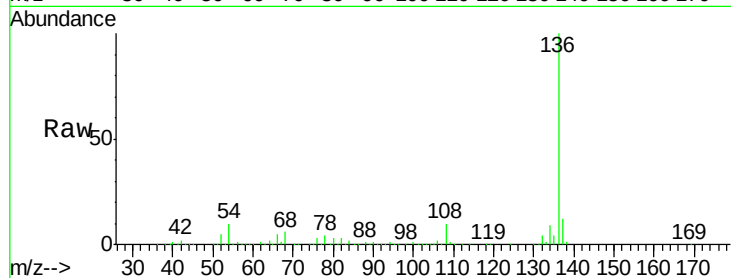




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF120089.D
Acq: 20 Apr 2020 20:29

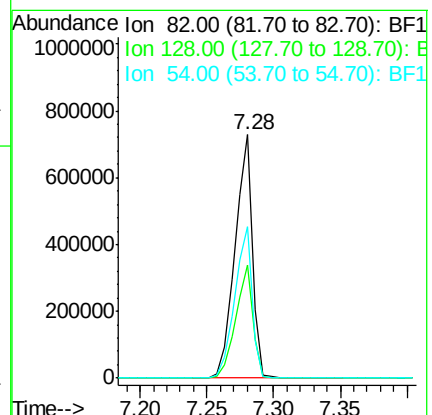
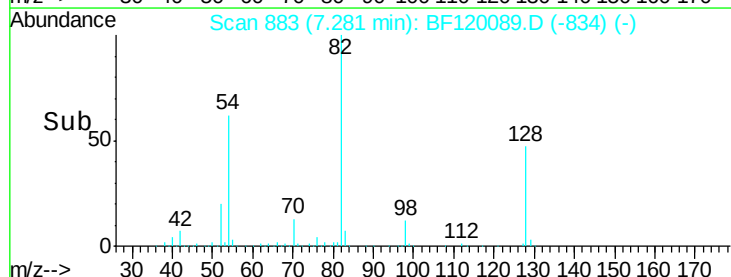
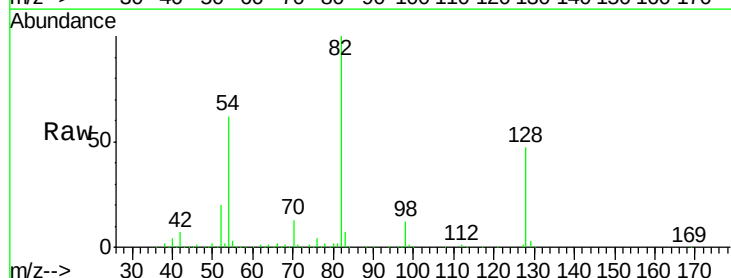
Instrument :
BNA_F
ClientSampleId :

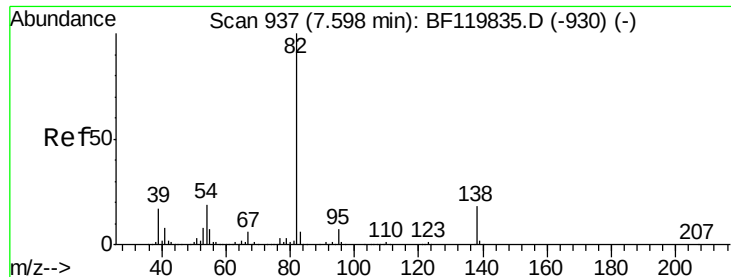
Tot Ion:136	Resp:	627843
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.7 13.1
54	10.4	8.5 12.7
68	5.6	3.9 5.9



#23
Nitrobenzene-d5
Concen: 55.458 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF120089.D
Acq: 20 Apr 2020 20:29

Tgt Ion: 82	Resp:	673046
Ion	Ratio	Lower Upper
82	100	
128	46.5	36.2 54.4
54	62.0	50.4 75.6





#25

Isophorone

Concen: 28.428 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF120089.D

Acq: 20 Apr 2020 20:29

Instrument :

BNA_F

ClientSampled :

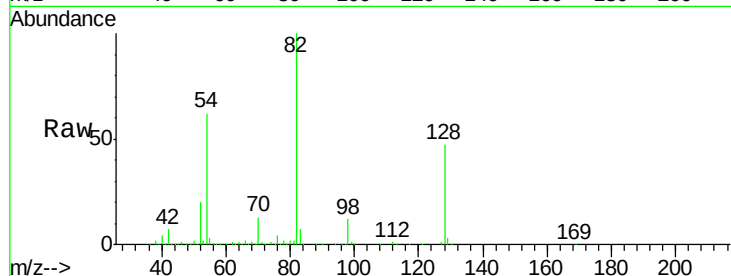
Tot Ion: 82 Resp: 665078

Ion Ratio Lower Upper

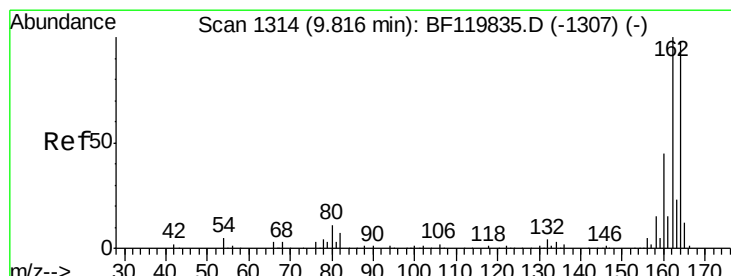
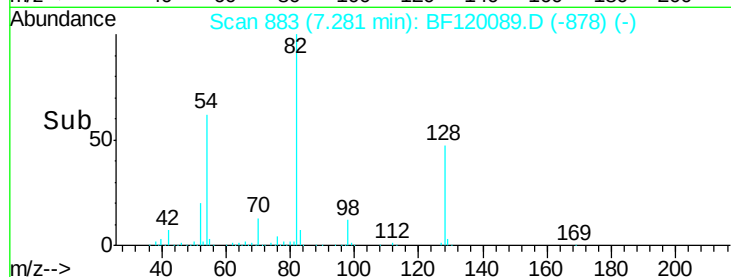
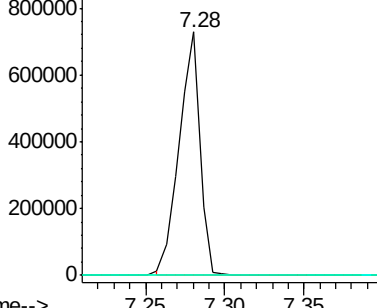
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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. -0.01 min

Lab File: BF120089.D

Acq: 20 Apr 2020 20:29

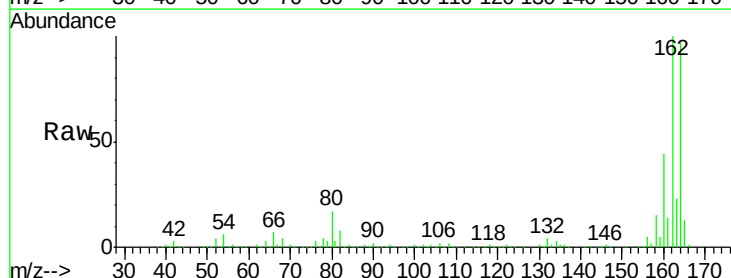
Tgt Ion:164 Resp: 301907

Ion Ratio Lower Upper

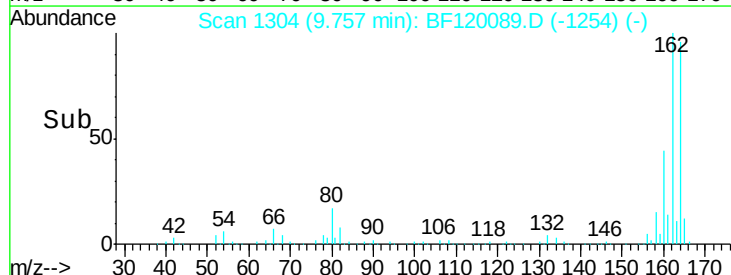
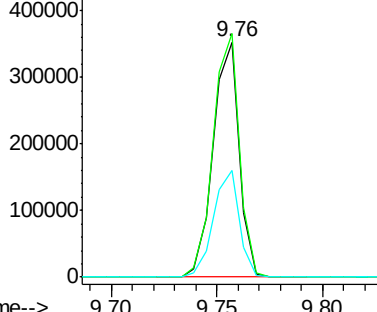
164 100

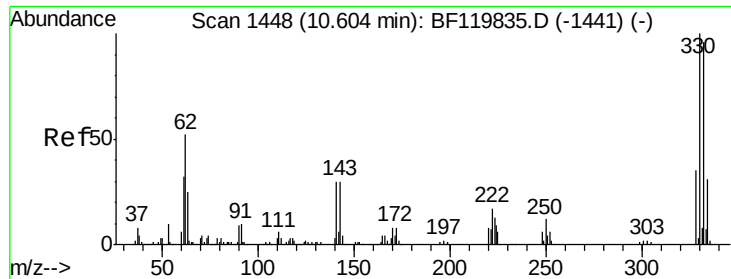
162 103.5 81.9 122.9

160 45.4 36.6 54.8



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

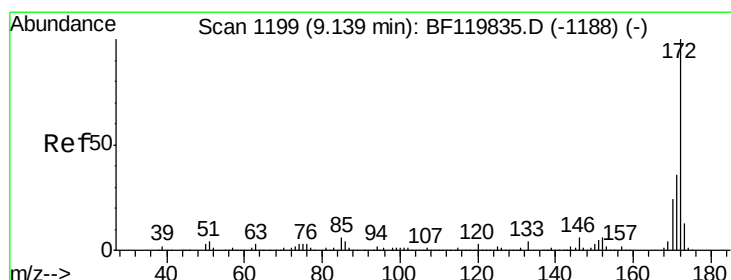
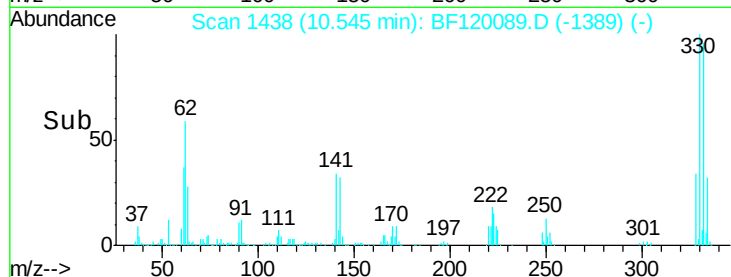
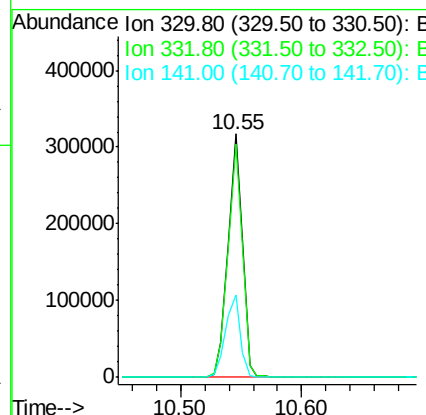
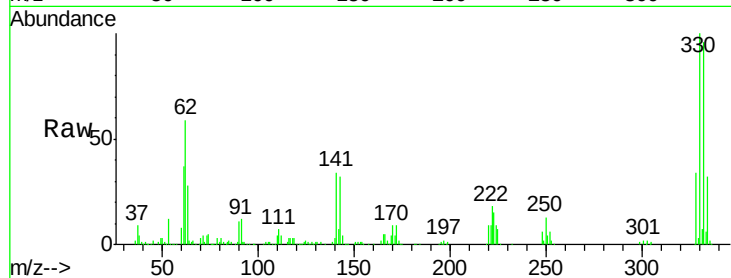




#42
 2,4,6-Tribromophenol
 Concen: 71.375 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF120089.D
 Acq: 20 Apr 2020 20:29

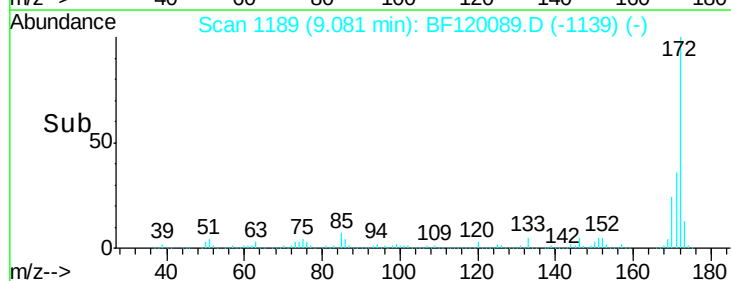
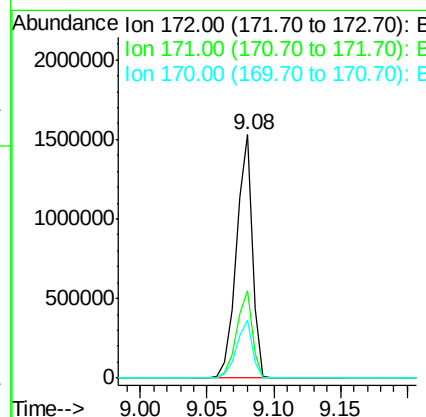
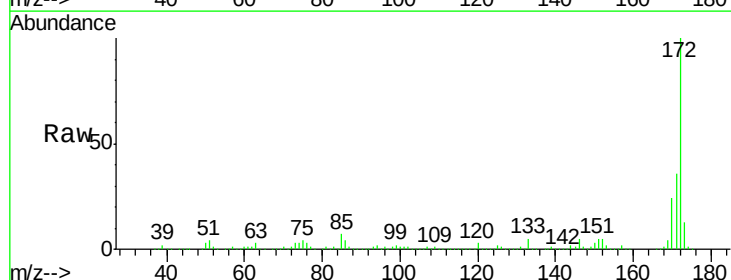
Instrument :
 BNA_F
 ClientSampleId :

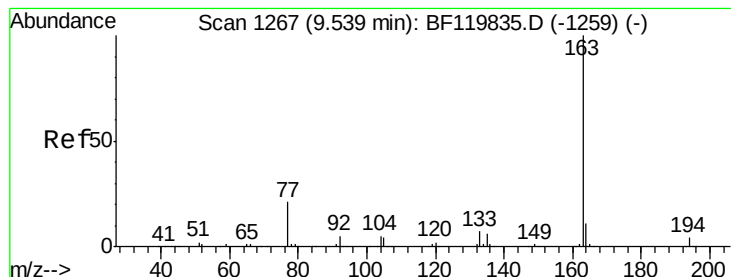
Tot Ion:330 Resp: 263829
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 34.5 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 61.001 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF120089.D
 Acq: 20 Apr 2020 20:29

Tgt Ion:172 Resp: 1297149
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.6 19.4 29.2





#50

Dimethylphthalate

Concen: 12.661 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF120089.D

Acq: 20 Apr 2020 20:29

Instrument :

BNA_F

ClientSampled :

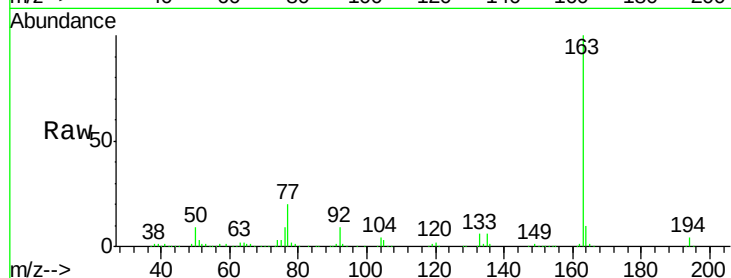
Tot Ion:163 Resp: 295667

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

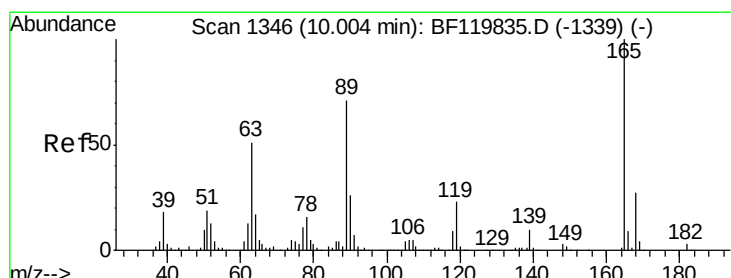
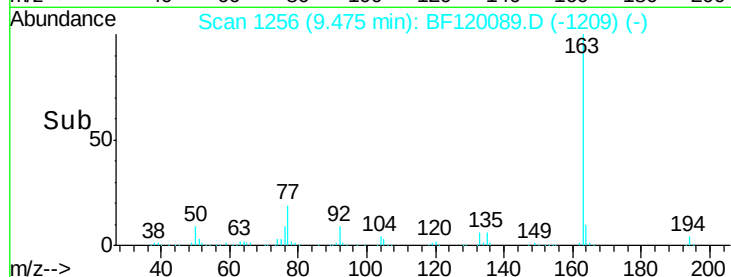
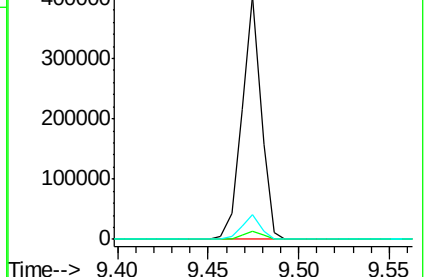
164 10.0 8.4 12.6



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: 5.864 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF120089.D

Acq: 20 Apr 2020 20:29

Tgt Ion:165 Resp: 39511

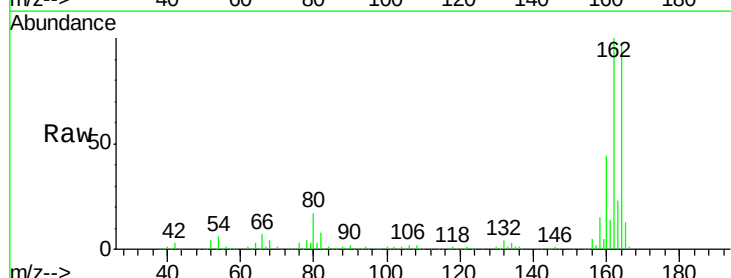
Ion Ratio Lower Upper

165 100

63 1.6 40.8 61.2#

89 1.4 56.9 85.3#

182 0.0 2.0 3.0#

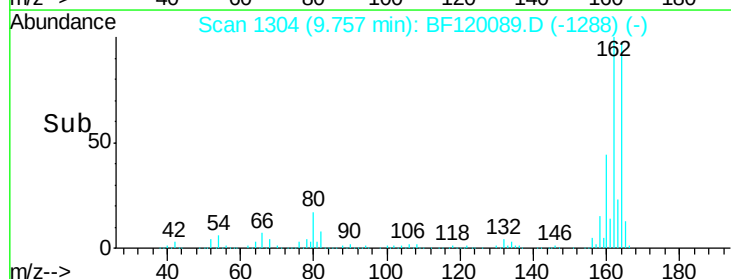
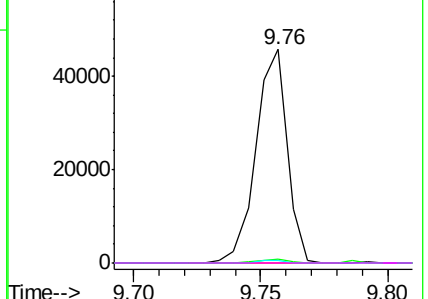


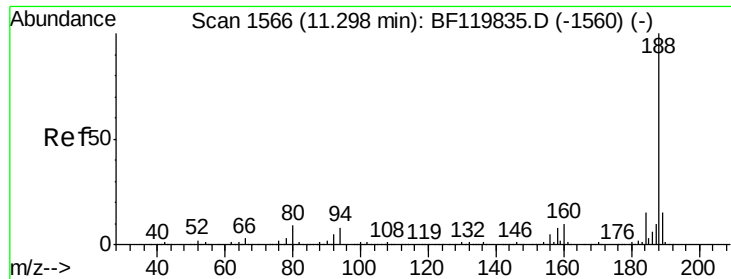
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

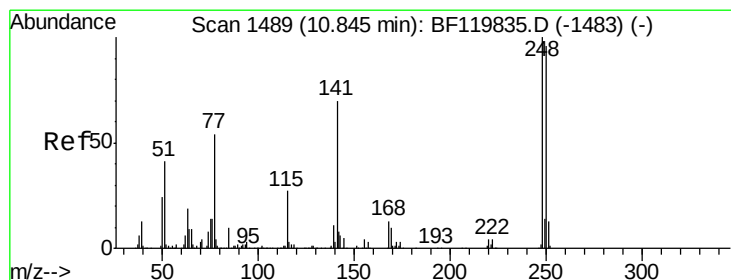
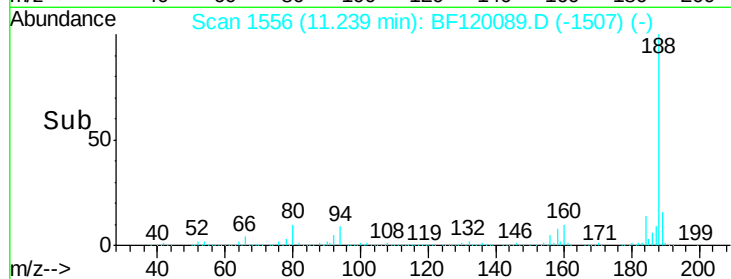
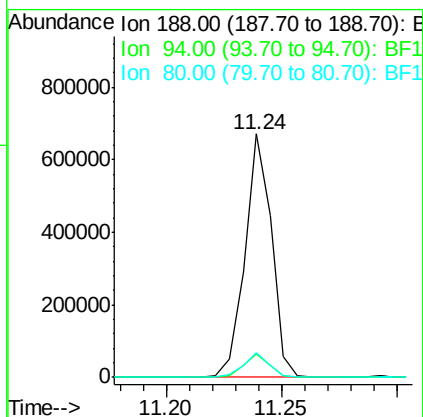
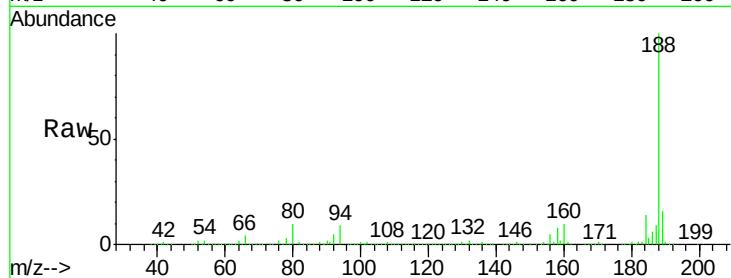




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF120089.D
 Acq: 20 Apr 2020 20:29

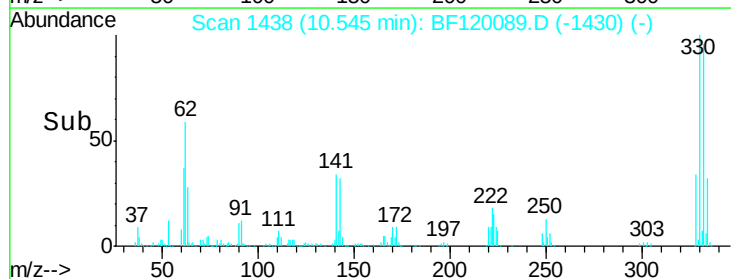
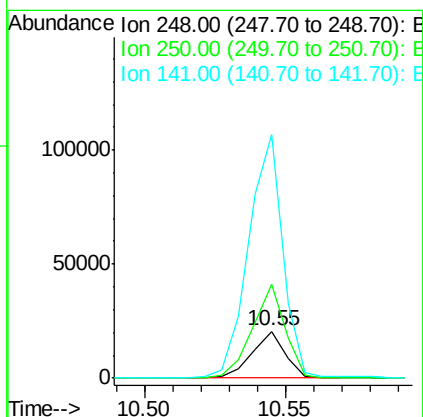
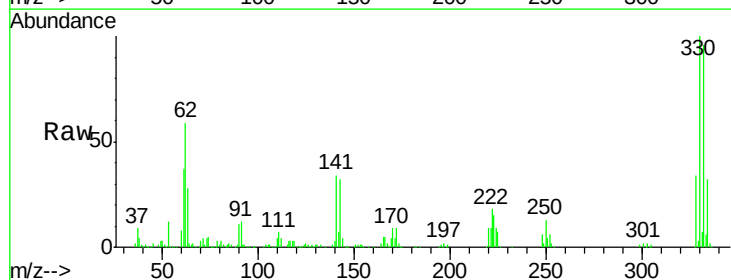
Instrument :
 BNA_F
 ClientSampled :

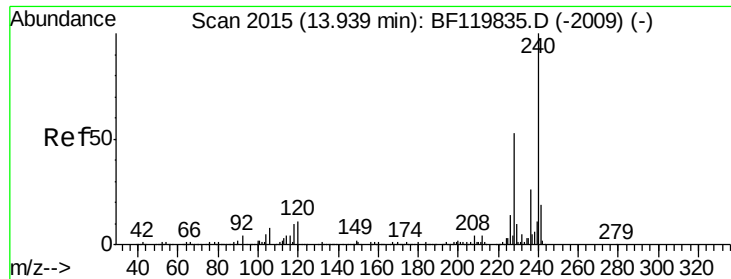
Tot Ion:188 Resp: 538543
 Ion Ratio Lower Upper
 188 100
 94 9.5 6.7 10.1
 80 10.1 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 2.487 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF120089.D
 Acq: 20 Apr 2020 20:29

Tgt Ion:248 Resp: 16657
 Ion Ratio Lower Upper
 248 100
 250 202.6 76.6 114.8#
 141 523.9 55.9 83.9#

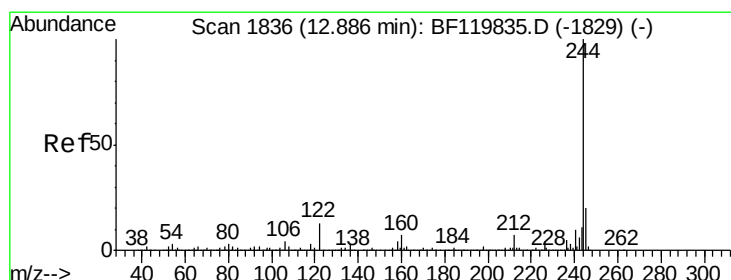
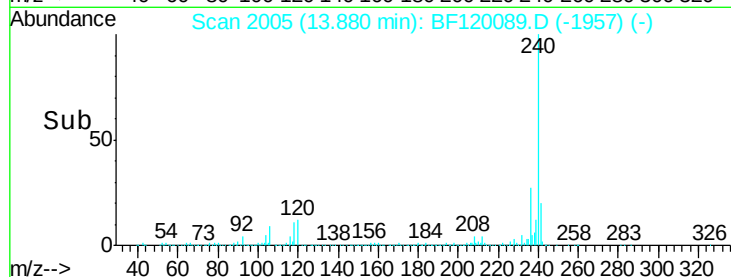
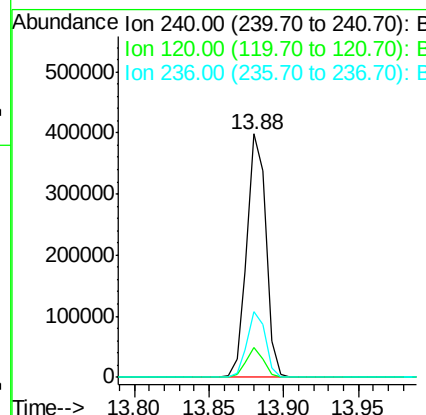
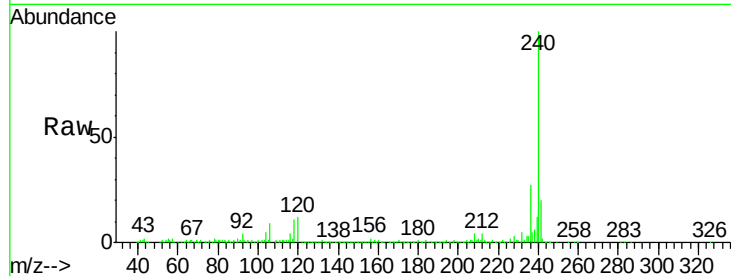




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF120089.D
 Acq: 20 Apr 2020 20:29

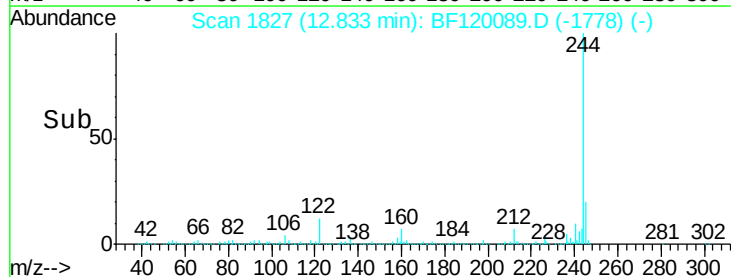
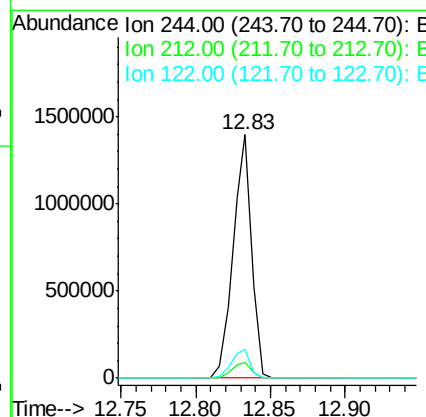
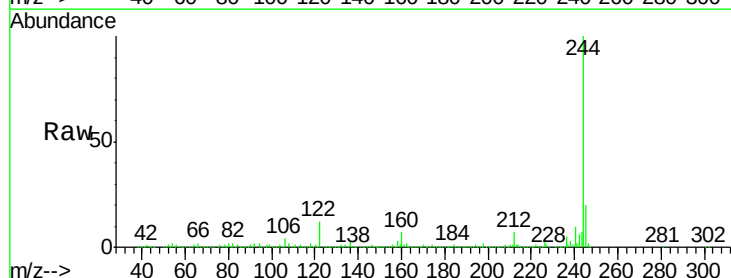
Instrument :
 BNA_F
 ClientSampled :

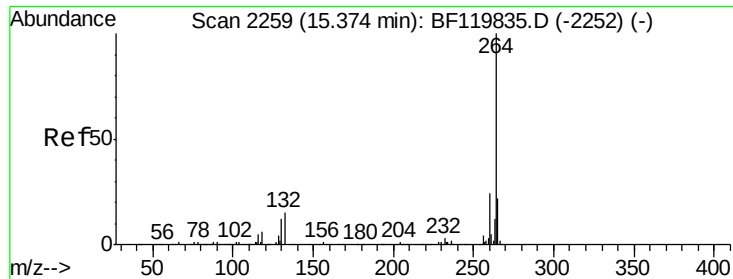
Tot Ion:240 Resp: 357668
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.0 13.6
 236 26.8 20.7 31.1



#79
 Terphenyl-d14
 Concen: 57.747 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF120089.D
 Acq: 20 Apr 2020 20:29

Tgt Ion:244 Resp: 1227476
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.0 10.3 15.5

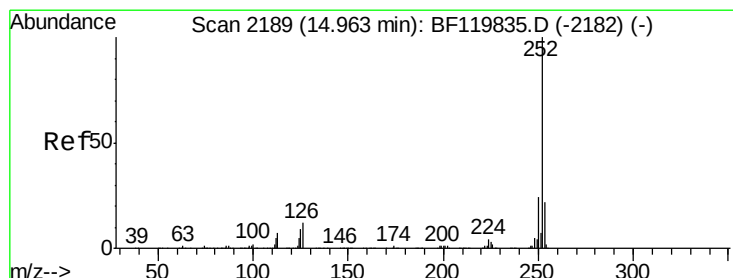
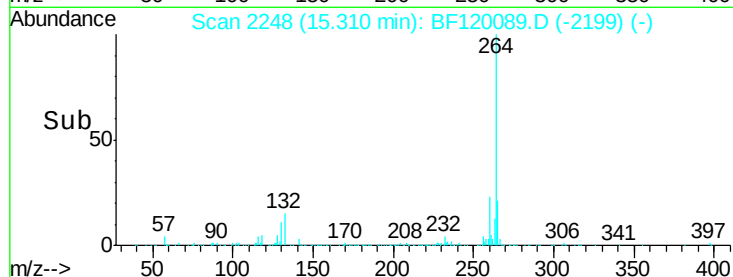
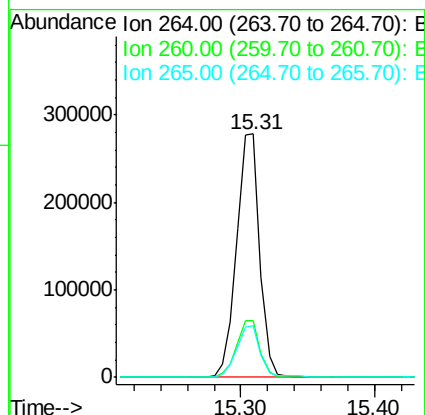
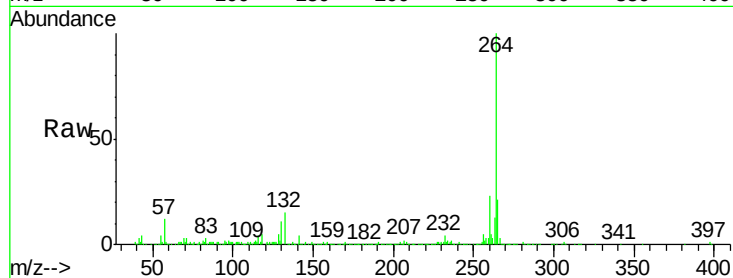




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF120089.D
Acq: 20 Apr 2020 20:29

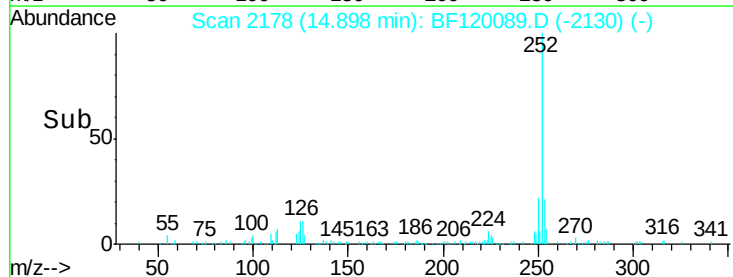
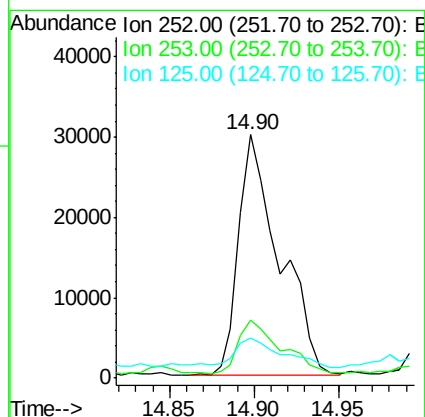
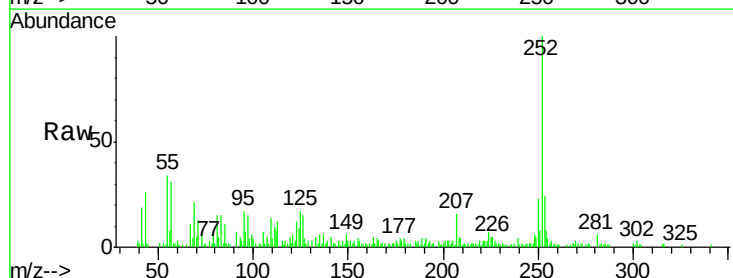
Instrument :
BNA_F
ClientSampleId :

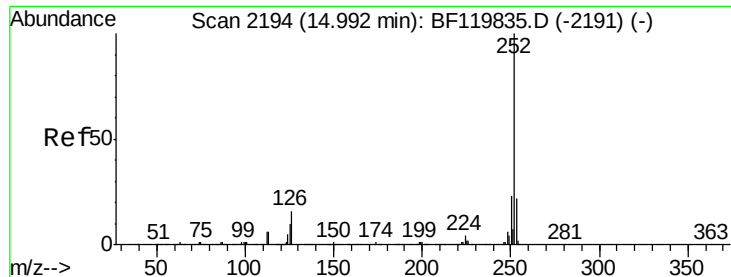
Tot Ion:264 Resp: 336902
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.1 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.088 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF120089.D
Acq: 20 Apr 2020 20:29

Tgt Ion:252 Resp: 50610
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 16.6 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 2.420 ng

RT: 14.90 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BF120089.D

Acq: 20 Apr 2020 20:29

Instrument :

BNA_F

ClientSampleId :

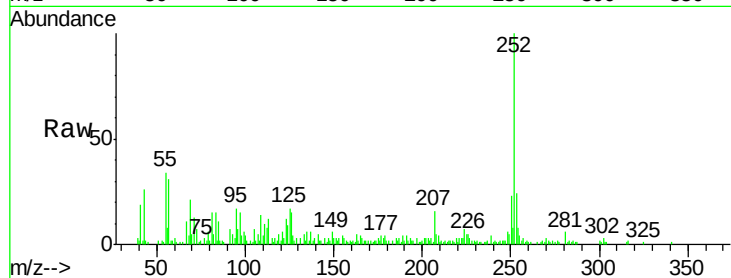
Tot Ion:252 Resp: 50610

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.8

125 16.6 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

