

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119899.D
 Acq On : 10 Apr 2020 17:18
 Operator : MA/SJ
 Sample : L2178-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 01:21:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

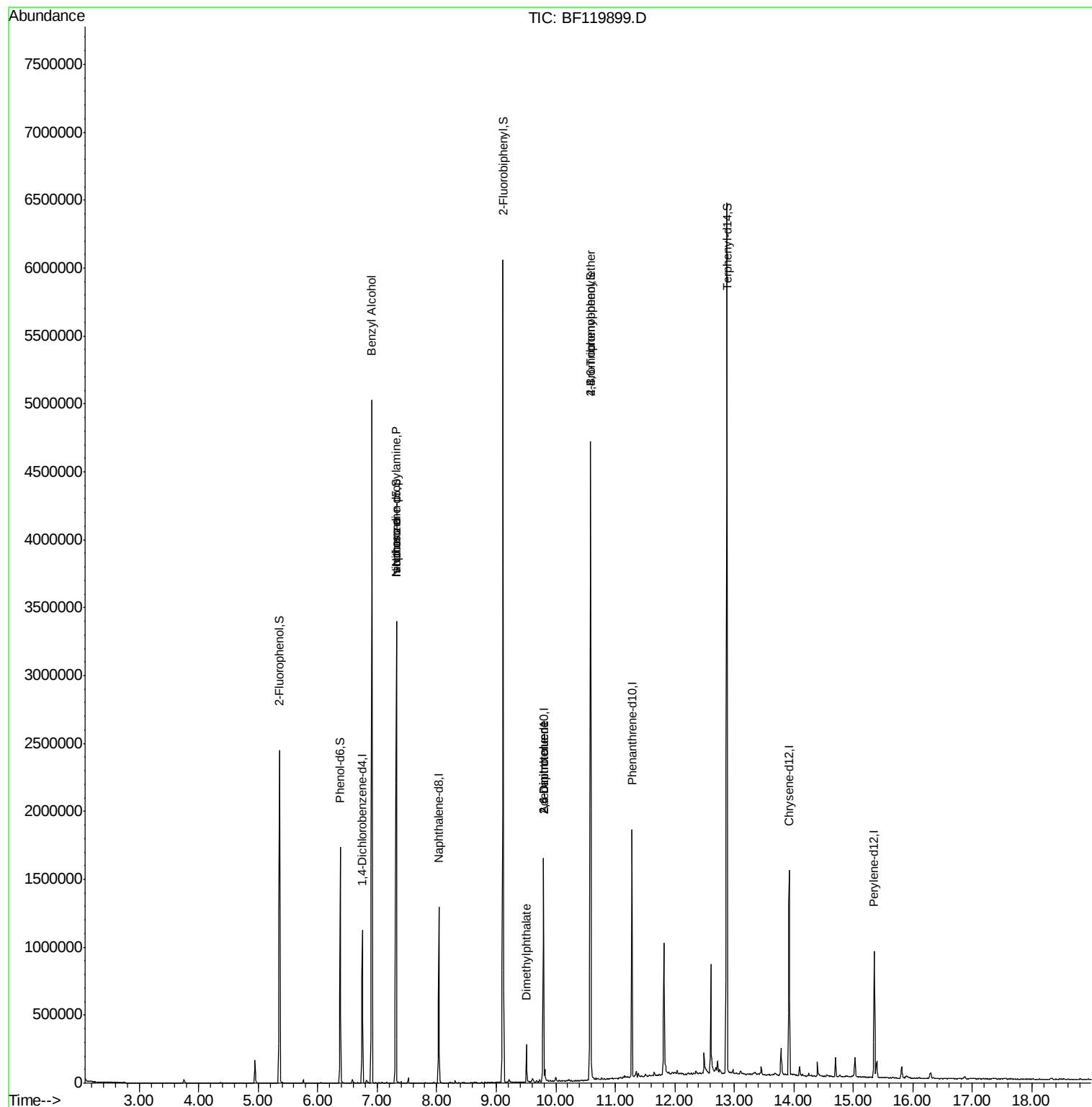
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	155640	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	589141	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	313403	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	664175	20.00	ng	0.00
76) Chrysene-d12	13.92	240	505202	20.00	ng	0.00
87) Perylene-d12	15.35	264	417416	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	670728	74.48	ng	0.00
7) Phenol-d6	6.38	99	541630	46.67	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1268796	111.42	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	639188	166.58	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2347851	106.36	ng	0.00
79) Terphenyl-d14	12.87	244	2669917	88.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	795	Below Cal		Qvalue
15) Benzyl Alcohol	6.91	79	20823	2.310	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	169487	22.712	ng	# 53
25) Isophorone	7.32	82	1266298	57.683	ng	# 75
50) Dimethylphthalate	9.51	163	102117	4.213	ng	# 65
51) 2,6-Dinitrotoluene	9.79	165	39302	7.404	ng	# 98
57) 2,4-Dinitrotoluene	9.79	165	39302	5.619	ng	# 19
67) 4-Bromophenyl-phenylether	10.59	248	38053	4.607	ng	# 23
						# 1

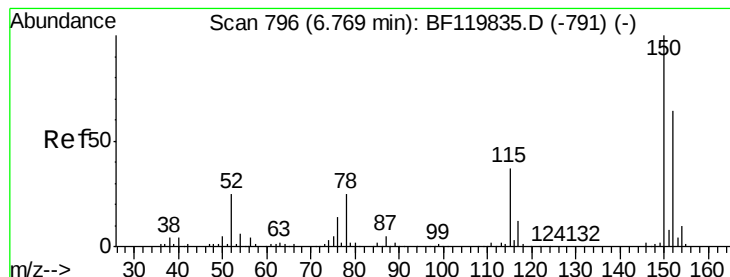
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
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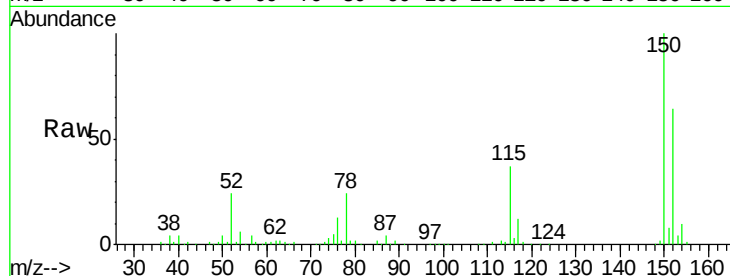


#1

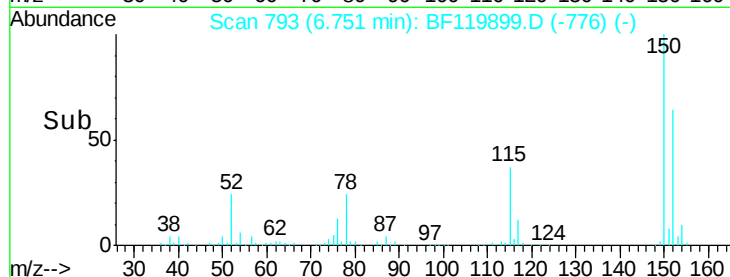
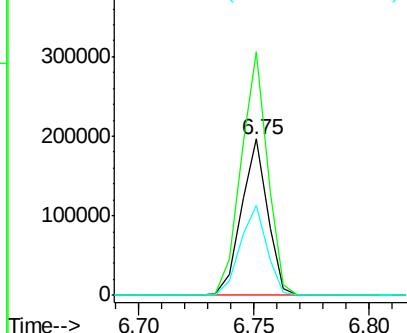
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF119899.D
Acq: 10 Apr 2020 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155640
Ion Ratio Lower Upper
152 100
150 155.6 124.8 187.2
115 57.4 46.5 69.7



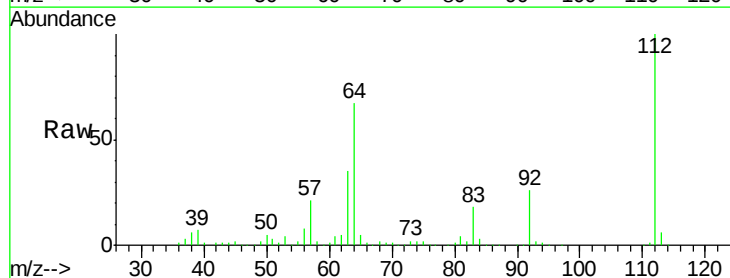
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



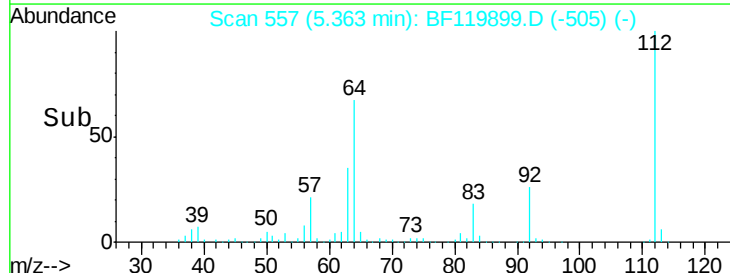
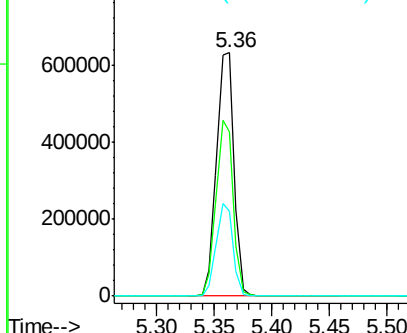
#5

2-Fluorophenol
Concen: 74.476 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119899.D
Acq: 10 Apr 2020 17:18

Tgt Ion:112 Resp: 670728
Ion Ratio Lower Upper
112 100
64 67.4 55.5 83.3
63 34.6 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: 46.674 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119899.D

Acq: 10 Apr 2020 17:18

Instrument :

BNA_F

ClientSampleId :

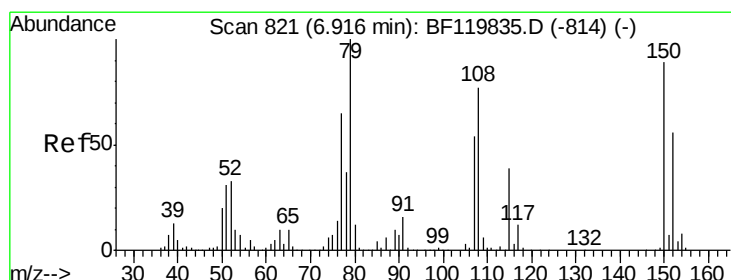
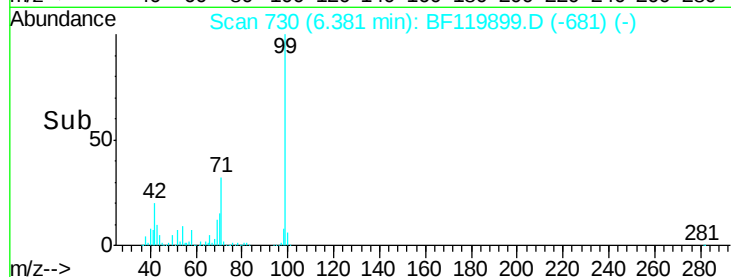
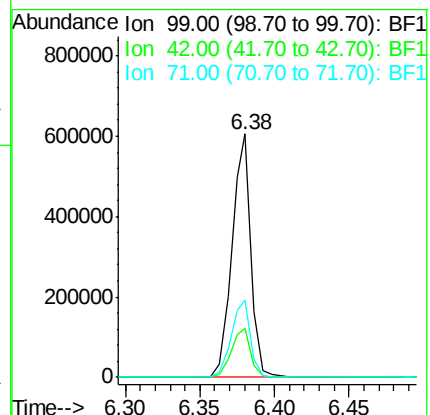
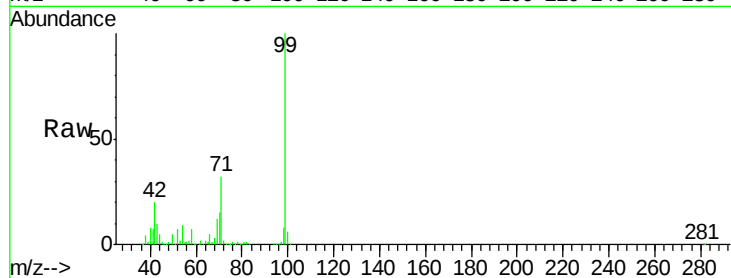
Tot Ion: 99 Resp: 541630

Ion Ratio Lower Upper

99 100

42 20.1 16.9 25.3

71 32.0 26.3 39.5



#15

Benzyl Alcohol

Concen: 2.310 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF119899.D

Acq: 10 Apr 2020 17:18

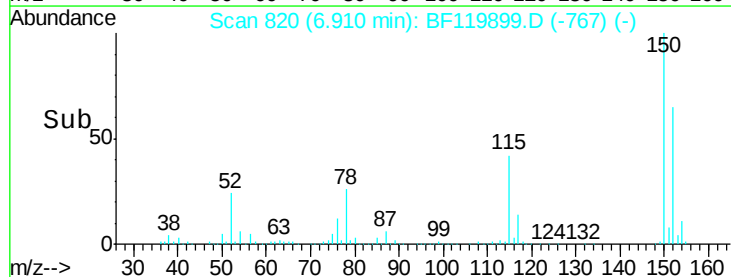
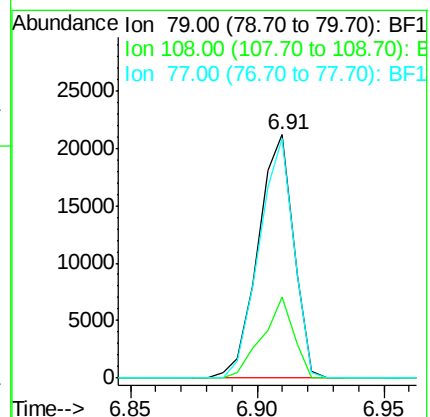
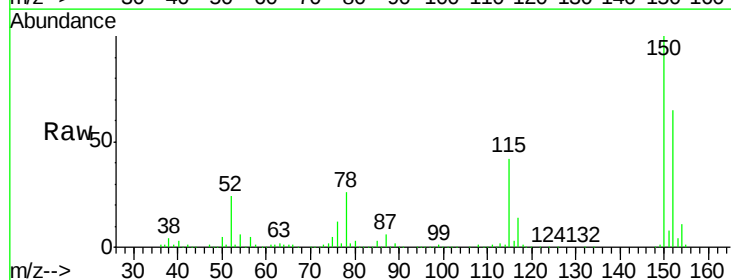
Tgt Ion: 79 Resp: 20823

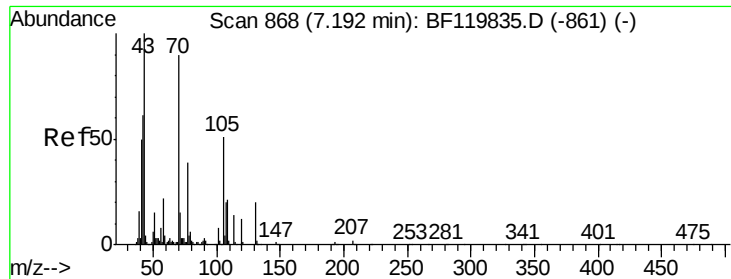
Ion Ratio Lower Upper

79 100

108 33.4 62.0 93.0#

77 98.7 51.8 77.6#

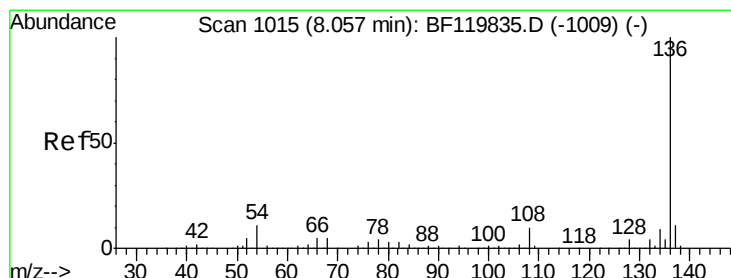
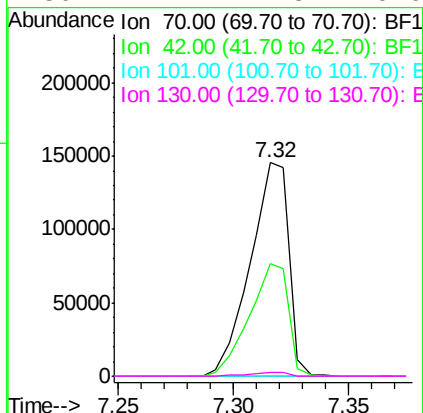
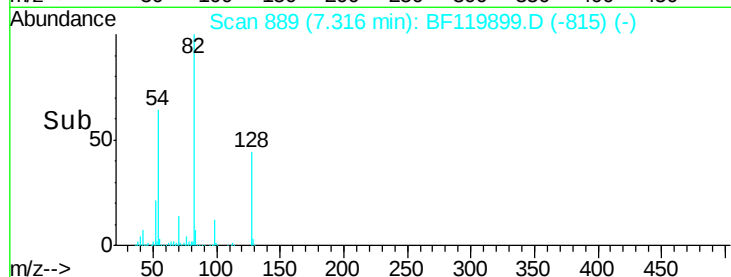
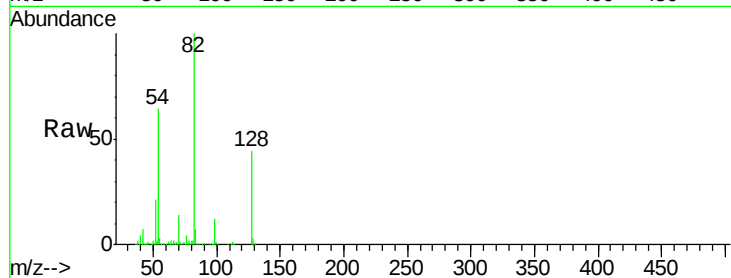




#19
n-Nitroso-di-n-propylamine
Concen: 22.712 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119899.D
Acq: 10 Apr 2020 17:18

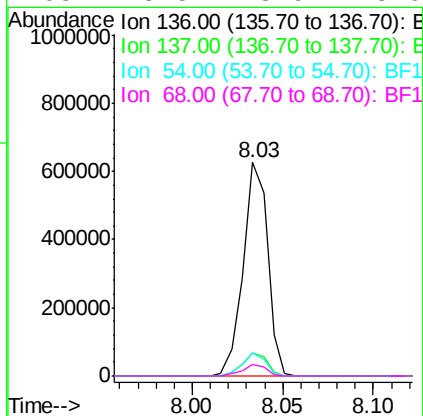
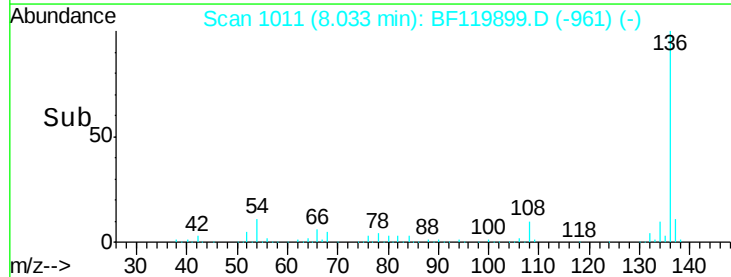
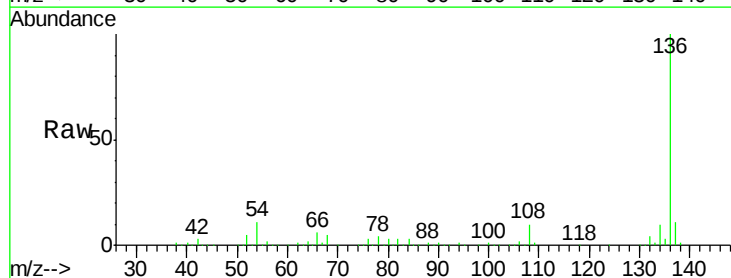
Instrument :
BNA_F
ClientSampleId :

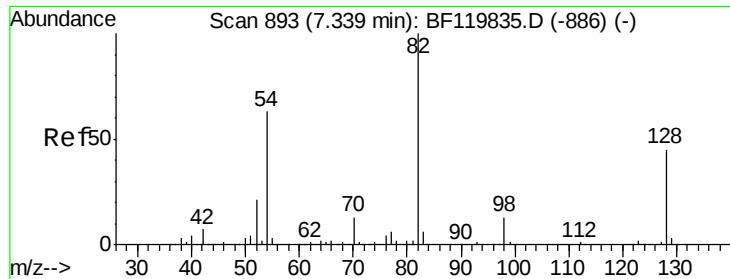
Tot Ion: 70 Resp: 169487
Ion Ratio Lower Upper
70 100
42 52.8 54.2 81.4#
101 0.0 7.4 11.2#
130 2.1 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119899.D
Acq: 10 Apr 2020 17:18

Tgt Ion: 136 Resp: 589141
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 10.9 8.5 12.7
68 5.5 3.9 5.9

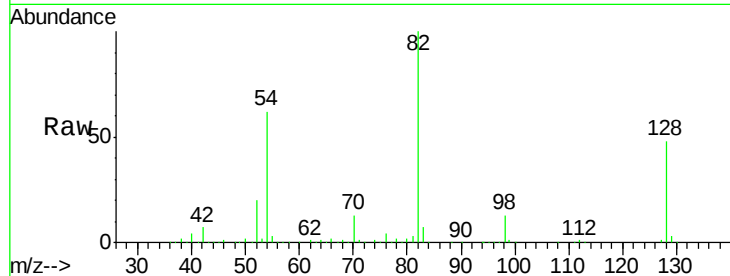




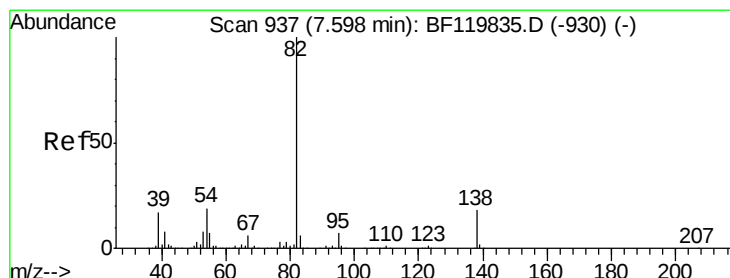
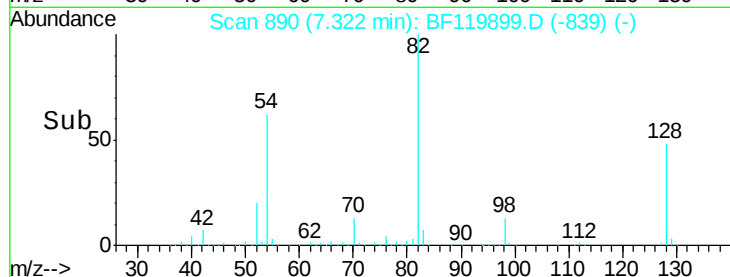
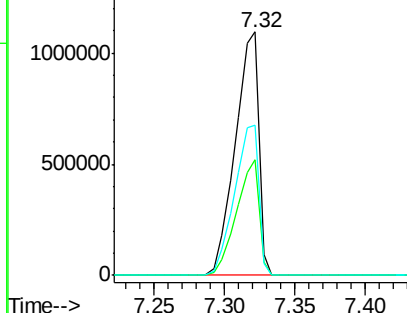
#23
Nitrobenzene-d5
Concen: 111.415 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF119899.D
Acq: 10 Apr 2020 17:18

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1268796
Ion Ratio Lower Upper
82 100
128 47.6 36.2 54.4
54 61.7 50.4 75.6

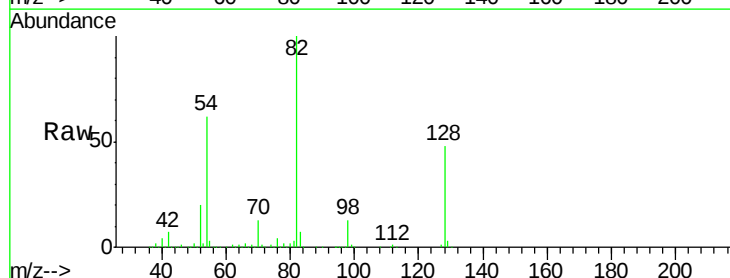


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

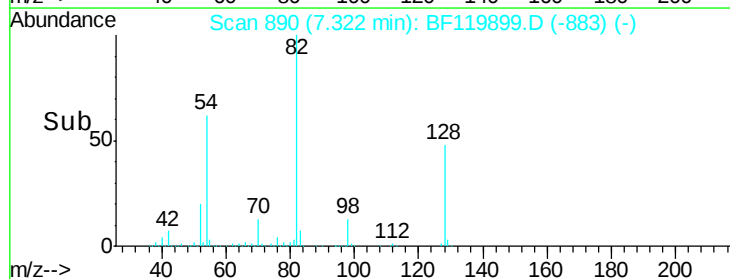
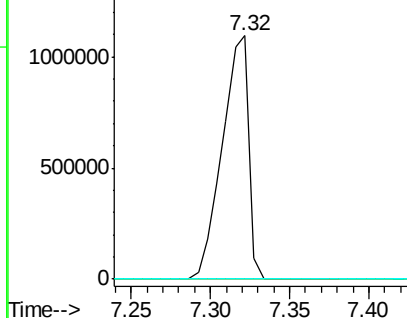


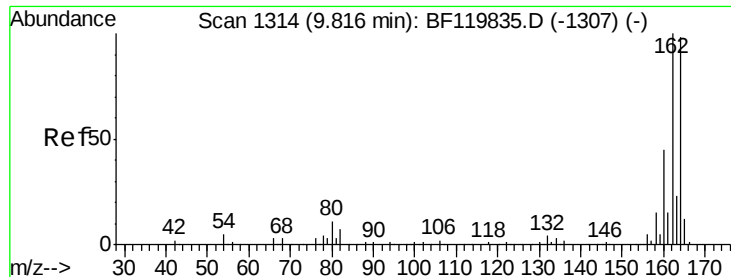
#25
Isophorone
Concen: 57.683 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF119899.D
Acq: 10 Apr 2020 17:18

Tgt Ion: 82 Resp: 1266298
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: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF119899.D

Acq: 10 Apr 2020 17:18

Instrument :

BNA_F

ClientSampleId :

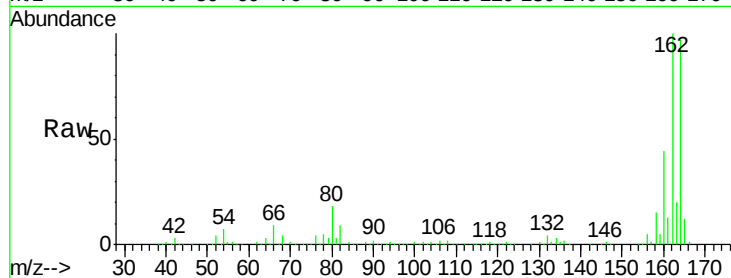
Tot Ion:164 Resp: 313403

Ion Ratio Lower Upper

164 100

162 103.1 81.9 122.9

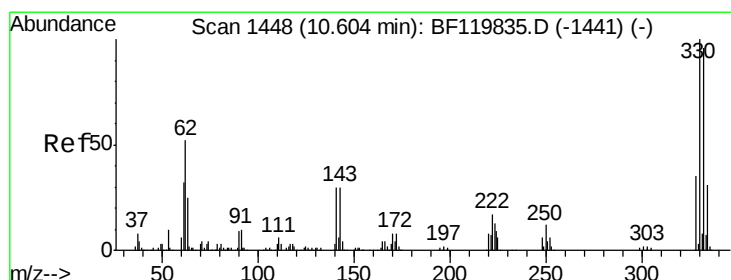
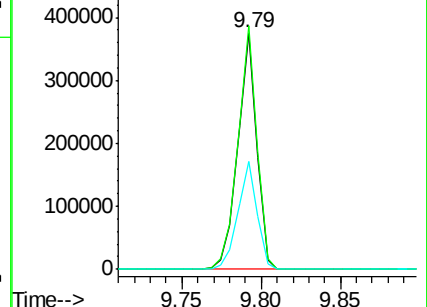
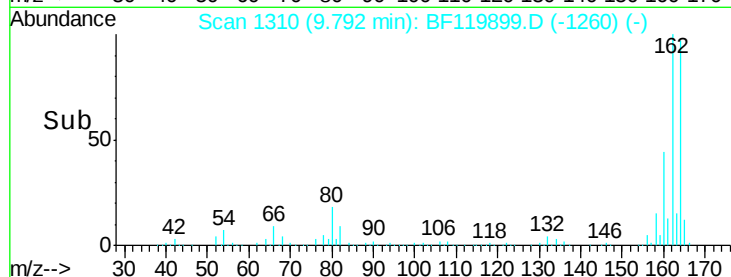
160 45.6 36.6 54.8



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: 166.580 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF119899.D

Acq: 10 Apr 2020 17:18

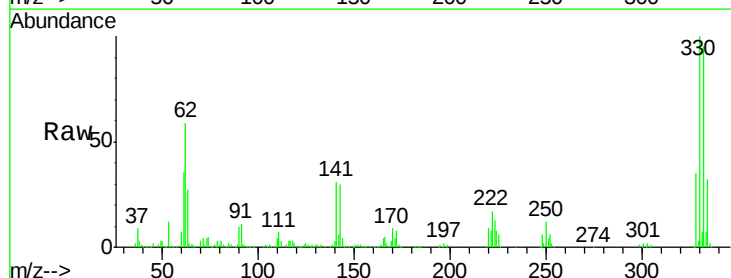
Tgt Ion:330 Resp: 639188

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

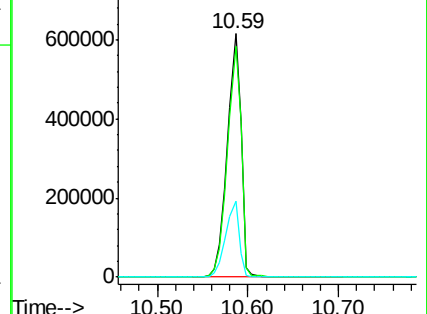
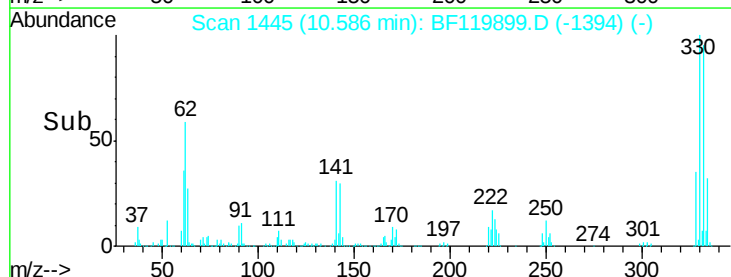
141 30.4 25.1 37.7

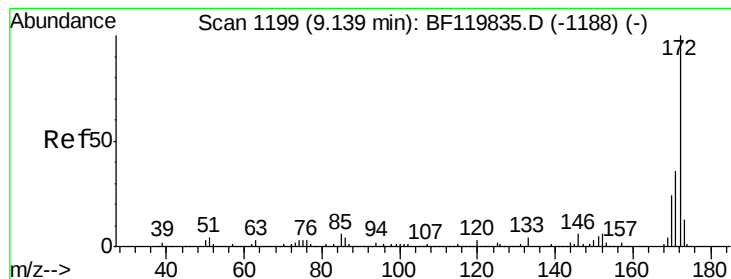


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 106.363 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF119899.D

Acq: 10 Apr 2020 17:18

Instrument :

BNA_F

ClientSampled :

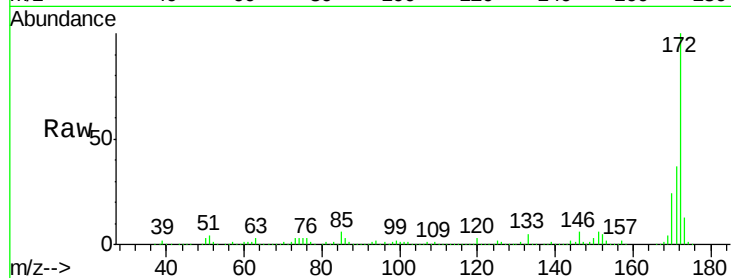
Tot Ion:172 Resp: 2347851

Ion Ratio Lower Upper

172 100

171 36.5 28.9 43.3

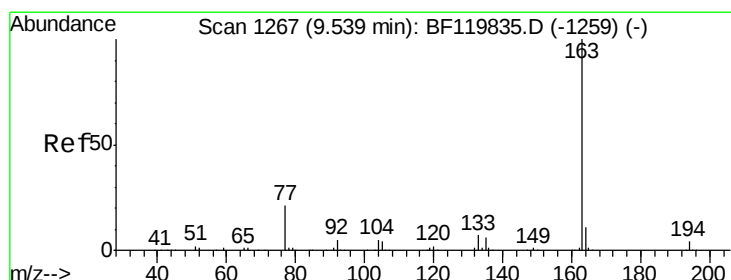
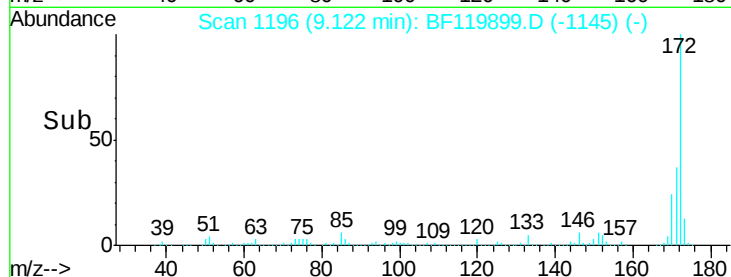
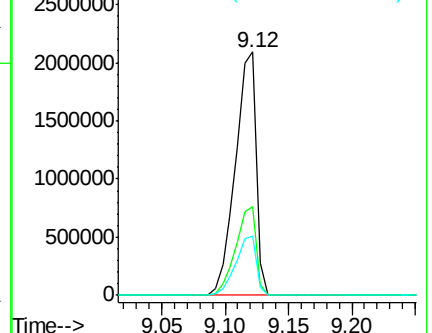
170 24.4 19.4 29.2



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: 4.213 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF119899.D

Acq: 10 Apr 2020 17:18

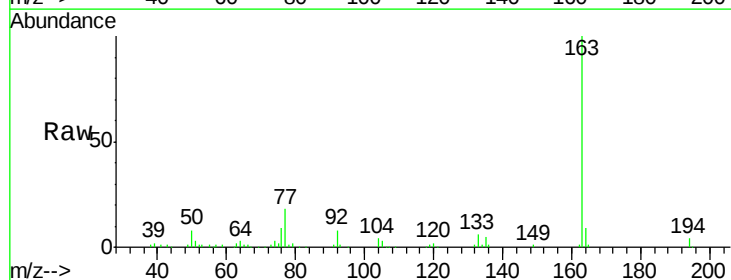
Tgt Ion:163 Resp: 102117

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

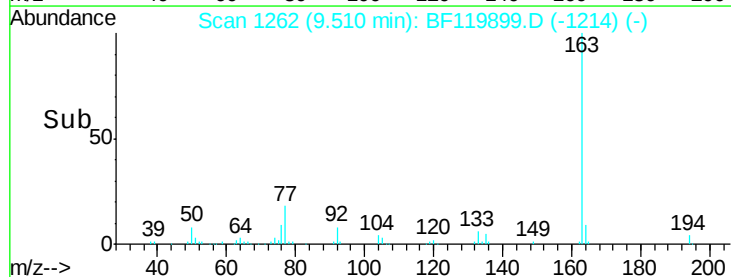
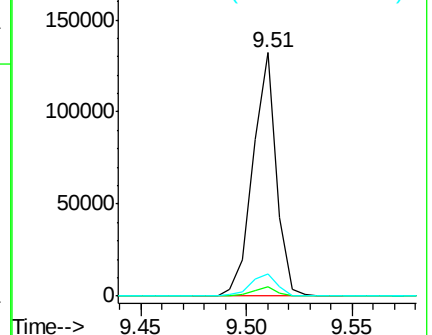
164 9.3 8.4 12.6

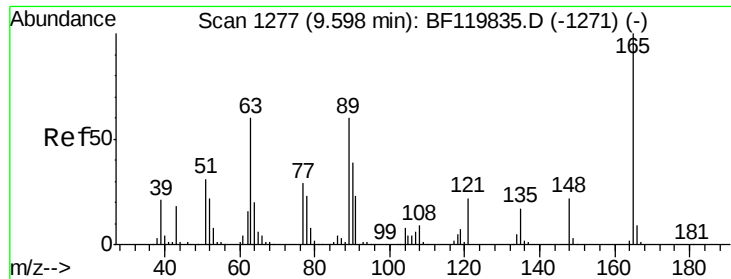


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

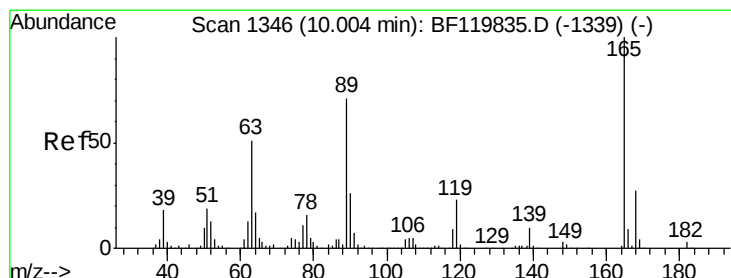
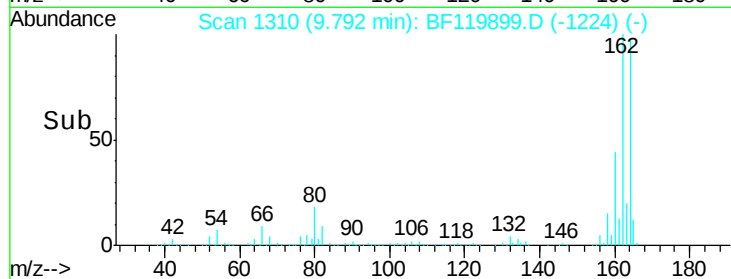
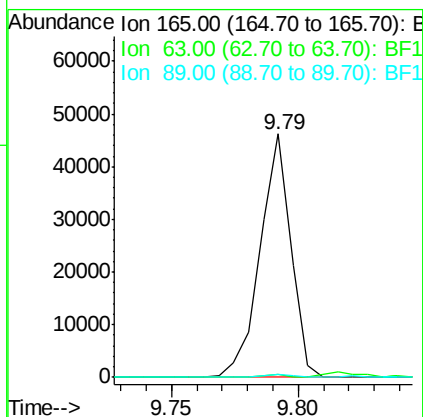
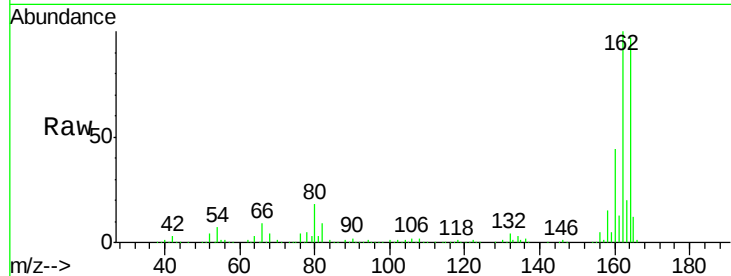




#51
 2,6-Dinitrotoluene
 Concen: 7.404 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF119899.D
 Acq: 10 Apr 2020 17:18

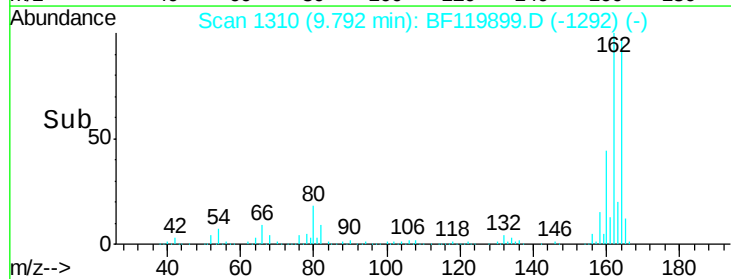
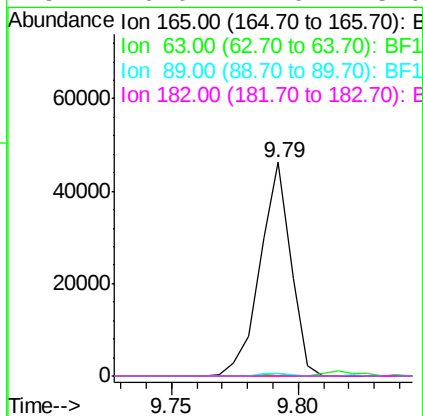
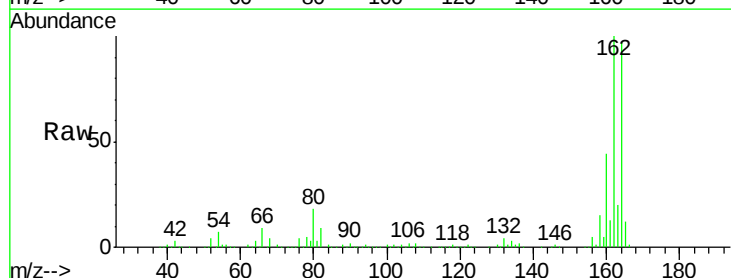
Instrument :
 BNA_F
 ClientSampleId :

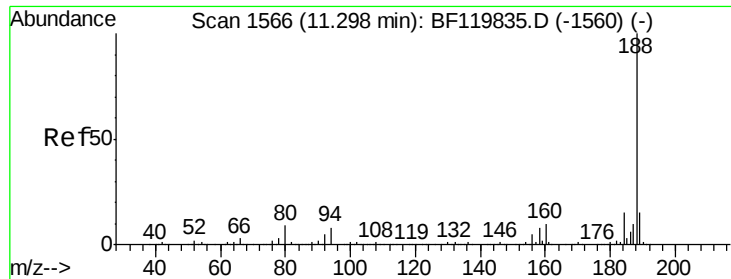
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	55.6	83.4#
89	1.2	47.9	71.9#



#57
 2,4-Dinitrotoluene
 Concen: 5.619 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF119899.D
 Acq: 10 Apr 2020 17:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.8	61.2#
89	1.2	56.9	85.3#
182	0.0	2.0	3.0#

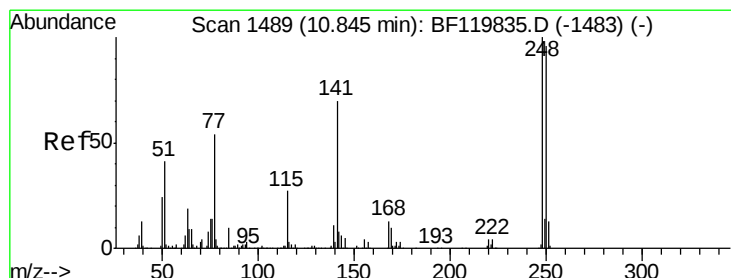
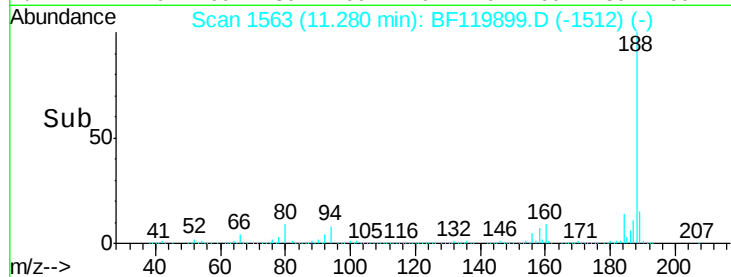
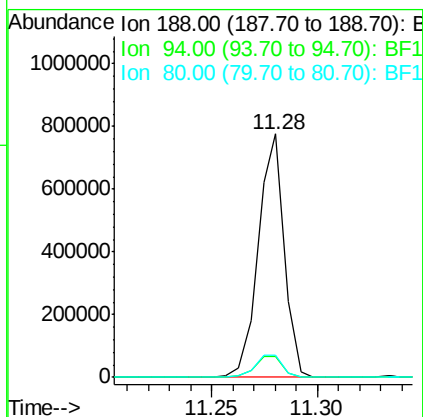
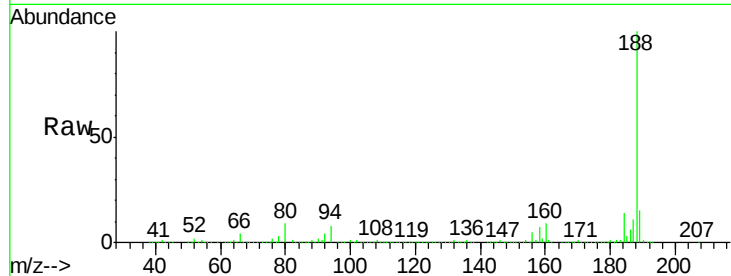




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF119899.D
 Acq: 10 Apr 2020 17:18

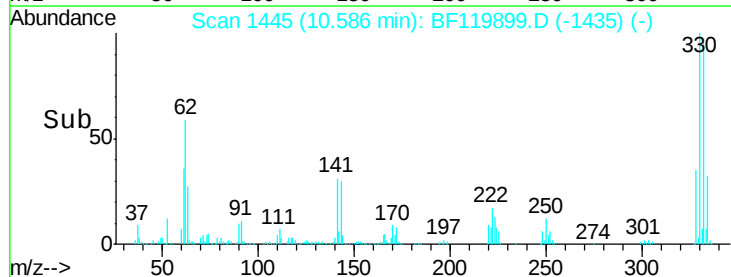
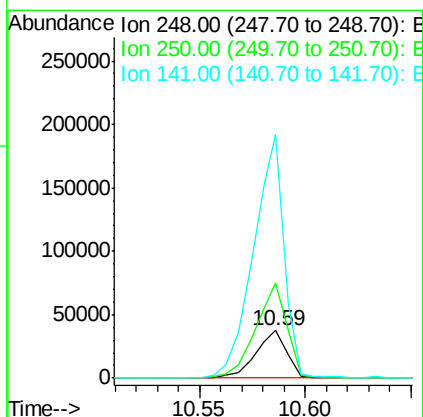
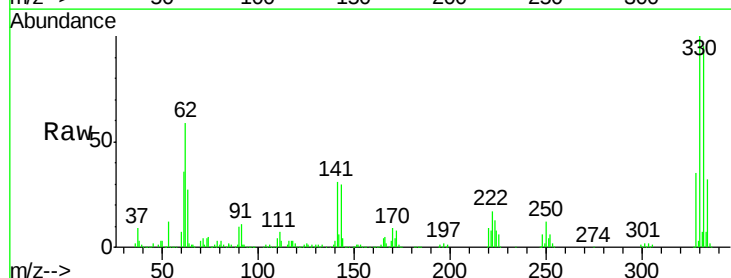
Instrument :
 BNA_F
 ClientSampleId :

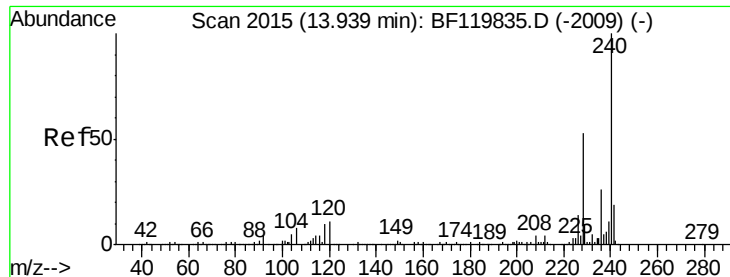
Tot Ion:188 Resp: 664175
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.7 10.1
 80 8.9 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 4.607 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF119899.D
 Acq: 10 Apr 2020 17:18

Tgt Ion:248 Resp: 38053
 Ion Ratio Lower Upper
 248 100
 250 199.1 76.6 114.8#
 141 510.1 55.9 83.9#

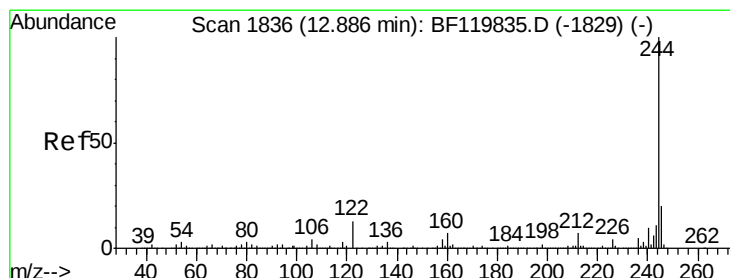
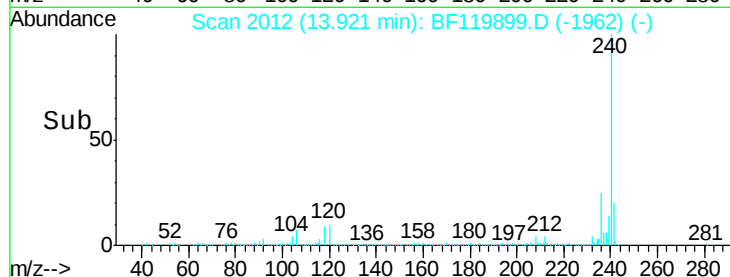
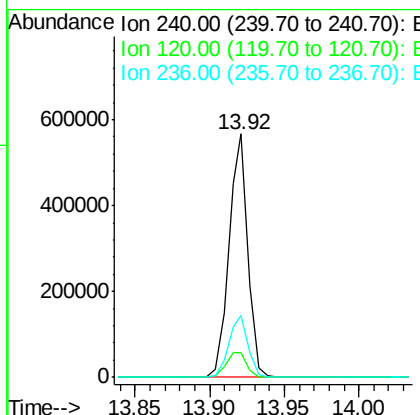
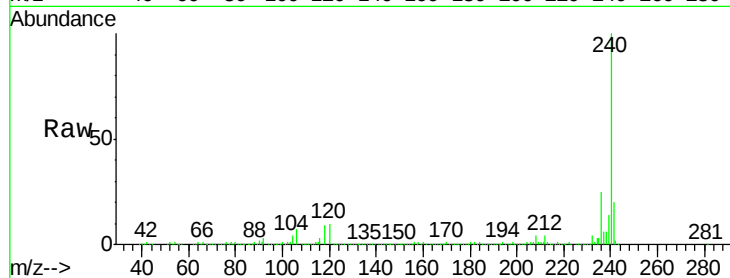




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF119899.D
 Acq: 10 Apr 2020 17:18

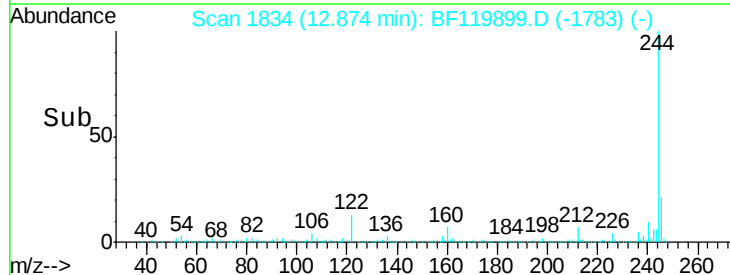
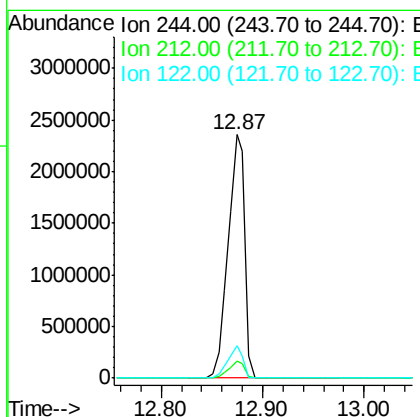
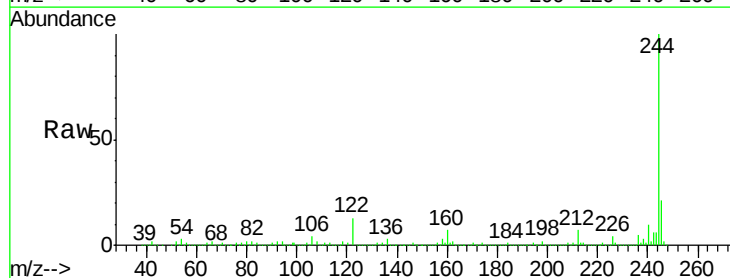
Instrument :
 BNA_F
 ClientSampleId :

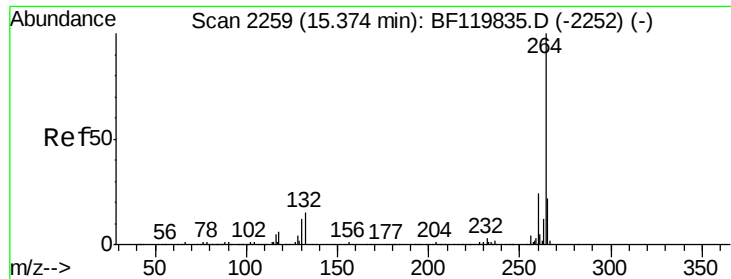
Tot Ion:240 Resp: 505202
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.0 13.6
 236 25.3 20.7 31.1



#79
 Terphenyl-d14
 Concen: 88.926 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.00 min
 Lab File: BF119899.D
 Acq: 10 Apr 2020 17:18

Tgt Ion:244 Resp: 2669917
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.1 10.3 15.5

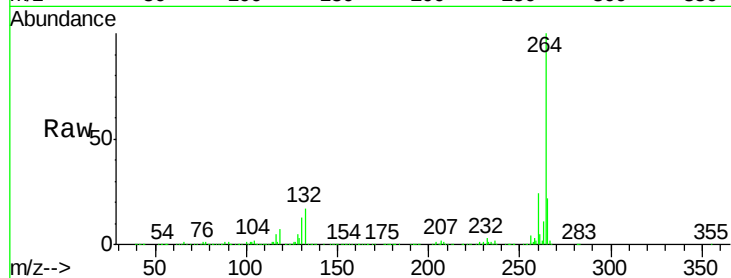




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF119899.D
Acq: 10 Apr 2020 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.8	17.6	26.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

