

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119861.D
 Acq On : 9 Apr 2020 8:33
 Operator : MA/SJ
 Sample : L2151-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 09:07:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

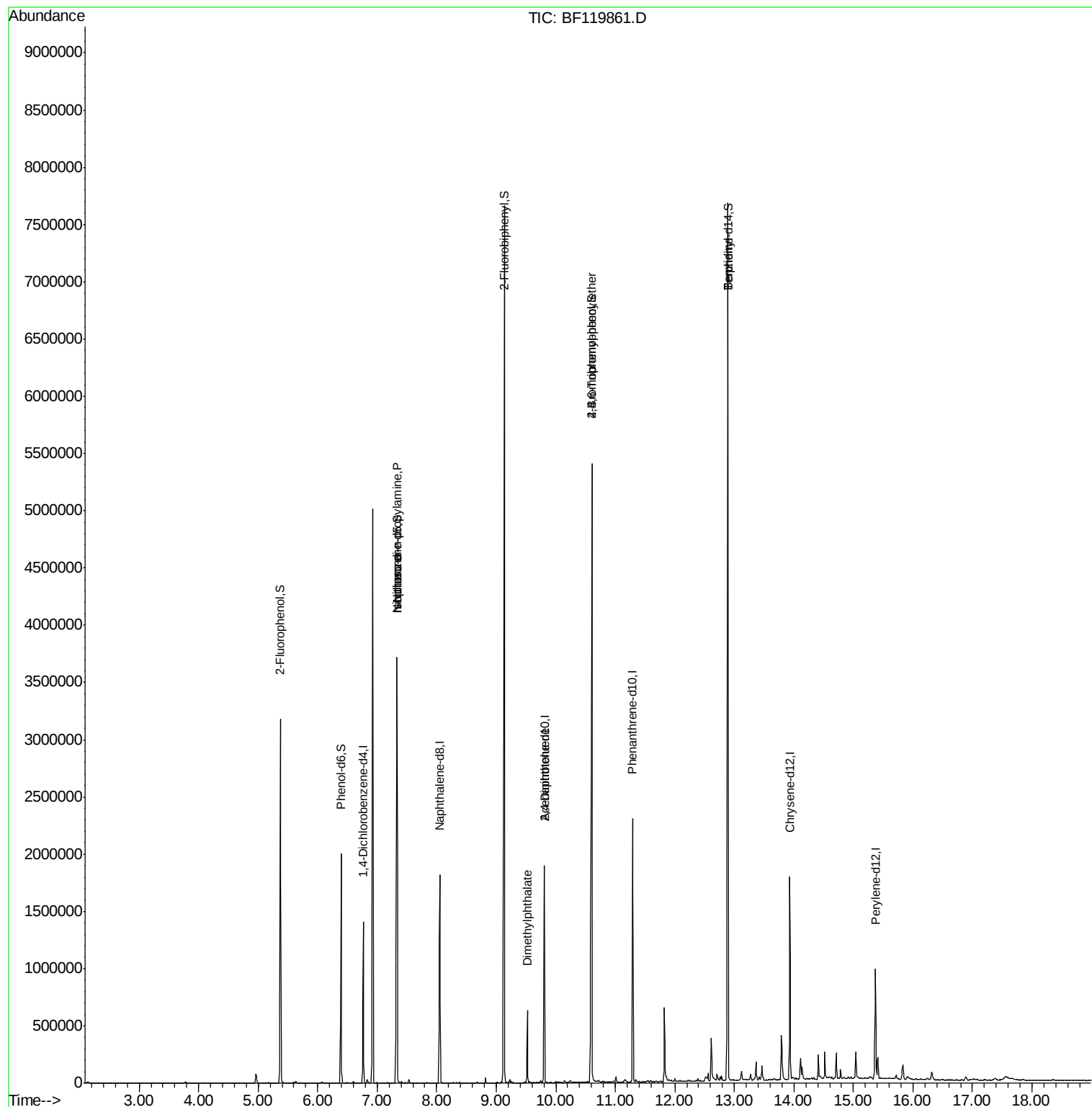
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	202810	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	768739	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	414132	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	803904	20.00	ng	0.00
76) Chrysene-d12	13.93	240	556470	20.00	ng	0.00
87) Perylene-d12	15.37	264	457586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	768217	65.46	ng	0.00
7) Phenol-d6	6.39	99	598309	39.57	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1363399	91.75	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	730904	144.15	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2646774	90.74	ng	0.00
79) Terphenyl-d14	12.89	244	3207432	96.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	128	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.33	70	181553	18.671 ng	#	78
25) Isophorone	7.33	82	1353174	47.240 ng	#	65
50) Dimethylphthalate	9.52	163	221861	6.926 ng	#	99
57) 2,4-Dinitrotoluene	9.80	165	52293	5.658 ng	#	23
67) 4-Bromophenyl-phenylether	10.60	248	43520	4.353 ng	#	1
77) Benizidine	12.89	184	40129	2.133 ng	#	92

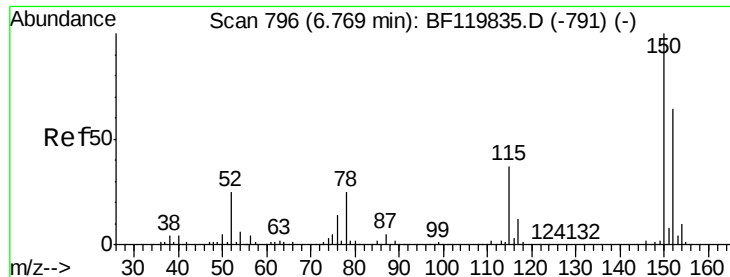
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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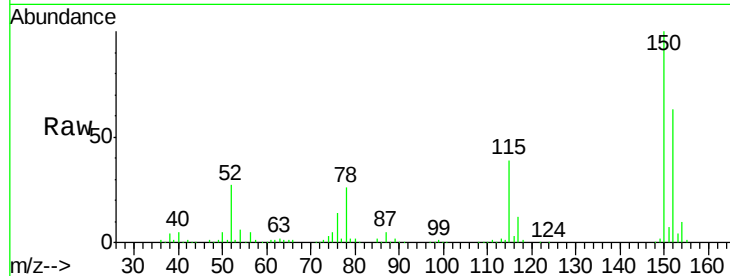


#1

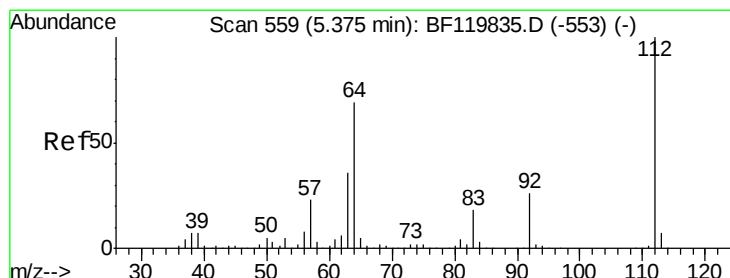
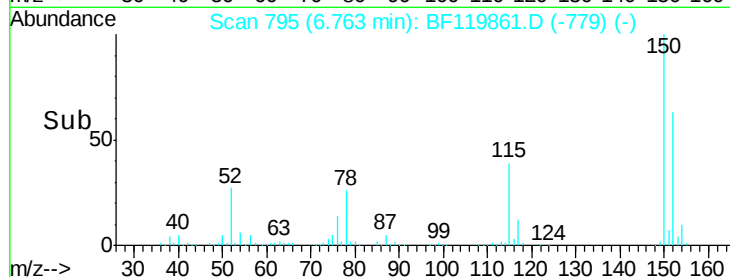
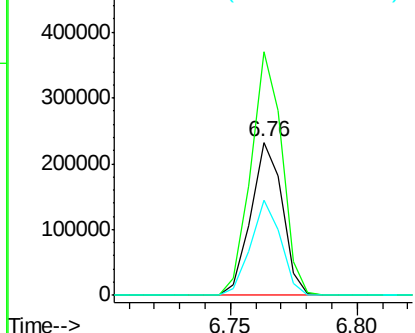
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119861.D
Acq: 9 Apr 2020 8:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.8	187.2
115	62.4	46.5	69.7



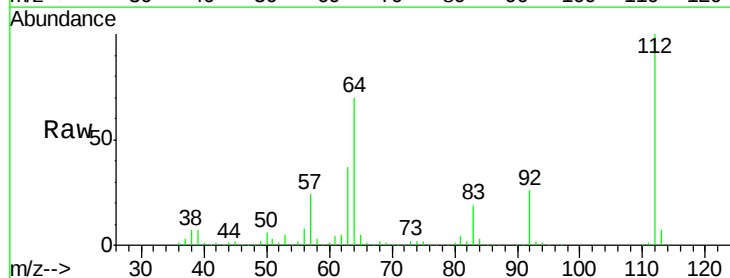
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



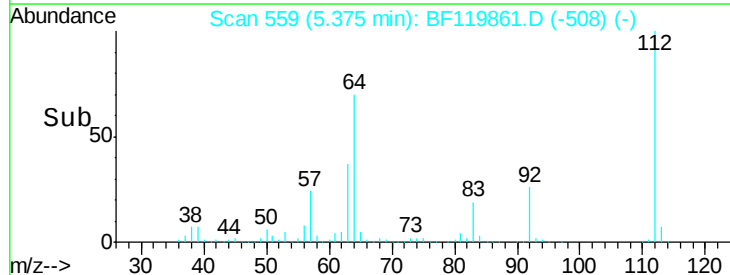
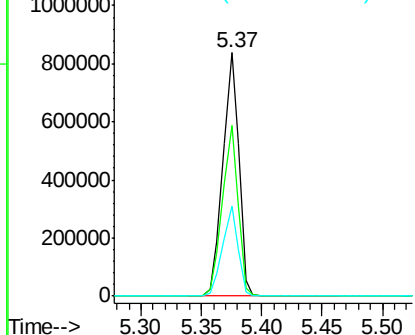
#5

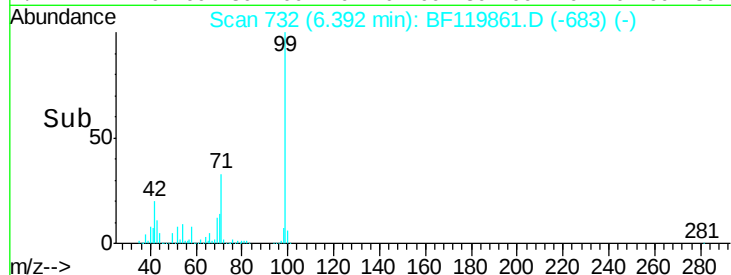
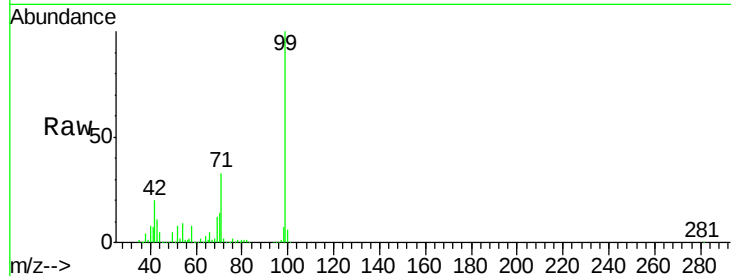
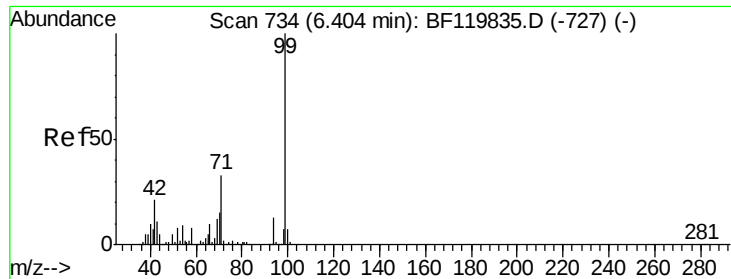
2-Fluorophenol
Concen: 65.461 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119861.D
Acq: 9 Apr 2020 8:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	55.5	83.3
63	37.0	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: 39.566 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

Instrument :

BNA_F

ClientSampleId :

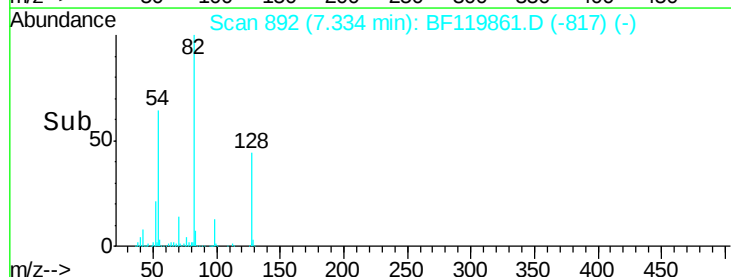
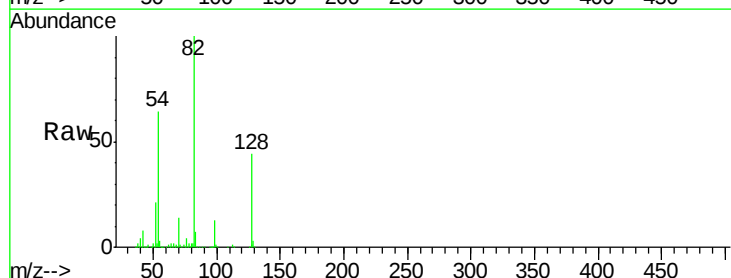
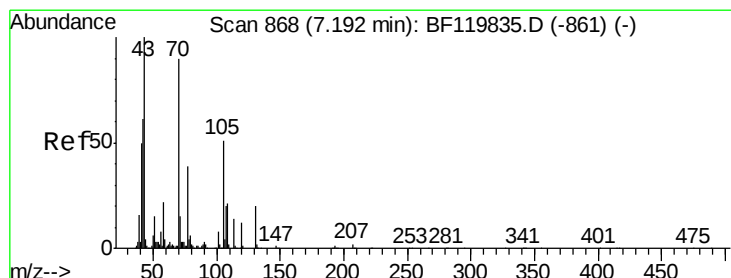
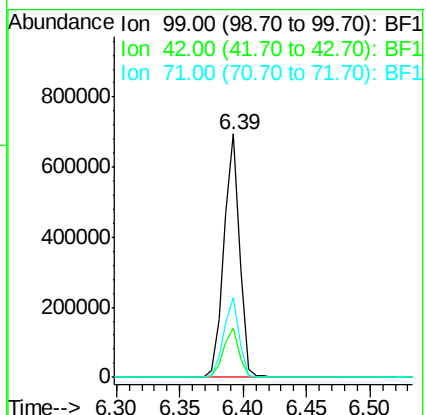
Tot Ion: 99 Resp: 598309

Ion Ratio Lower Upper

99 100

42 20.3 16.9 25.3

71 32.9 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 18.671 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

Tgt Ion: 70 Resp: 181553

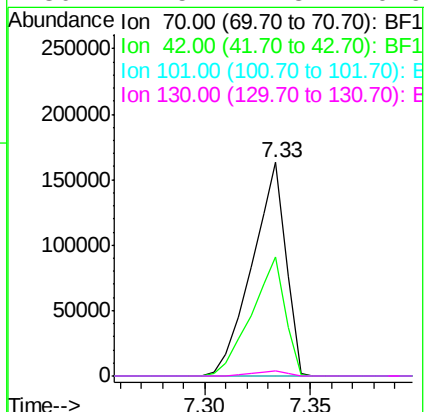
Ion Ratio Lower Upper

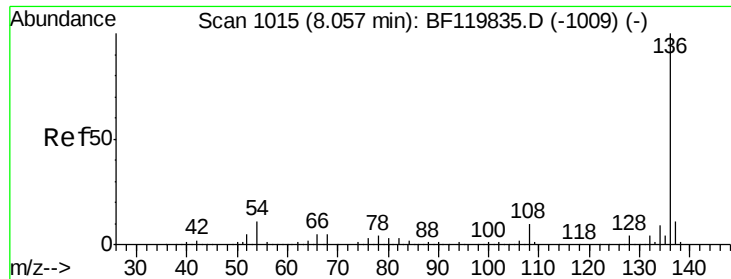
70 100

42 55.9 54.2 81.4

101 0.0 7.4 11.2#

130 2.5 17.8 26.6#

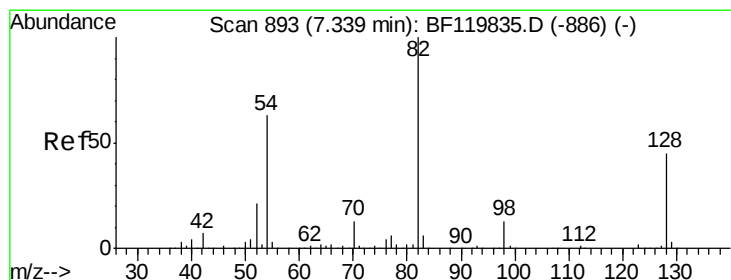
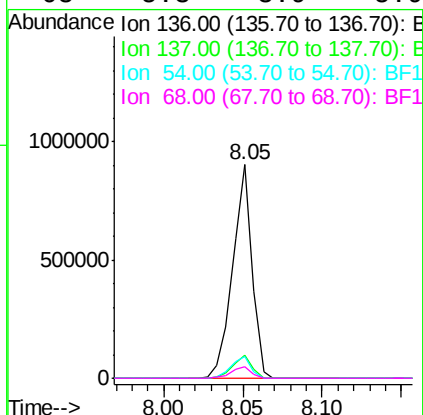
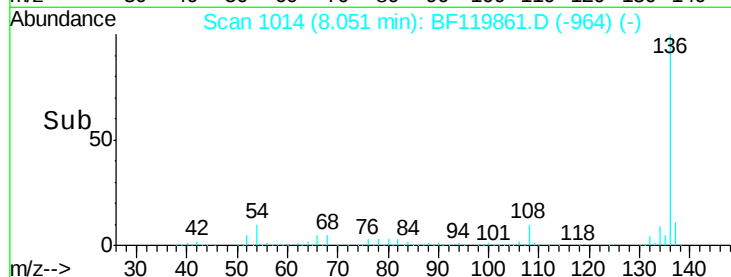
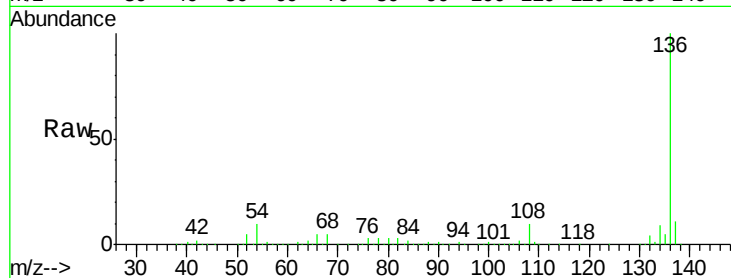




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119861.D
Acq: 9 Apr 2020 8:33

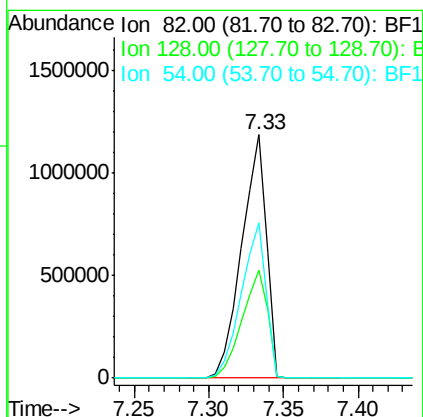
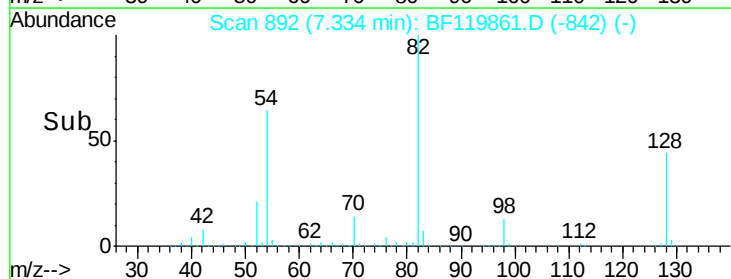
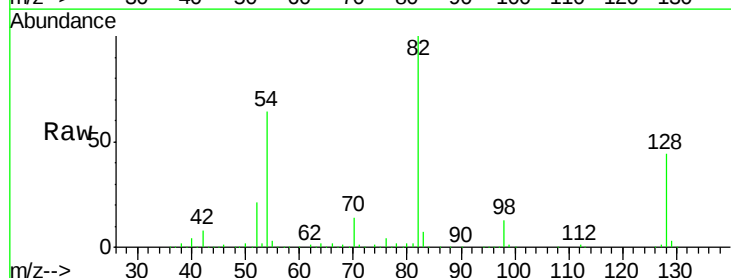
Instrument :
BNA_F
ClientSampled :

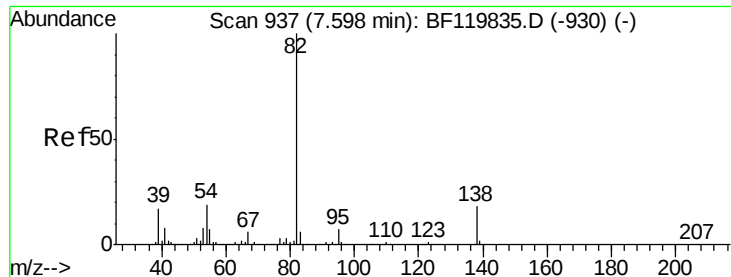
Tot Ion:136	Resp:	768739
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	10.1	8.5 12.7
68	5.3	3.9 5.9



#23
Nitrobenzene-d5
Concen: 91.752 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119861.D
Acq: 9 Apr 2020 8:33

Tgt Ion: 82	Resp:	1363399
Ion Ratio	Lower	Upper
82	100	
128	44.5	36.2 54.4
54	63.9	50.4 75.6

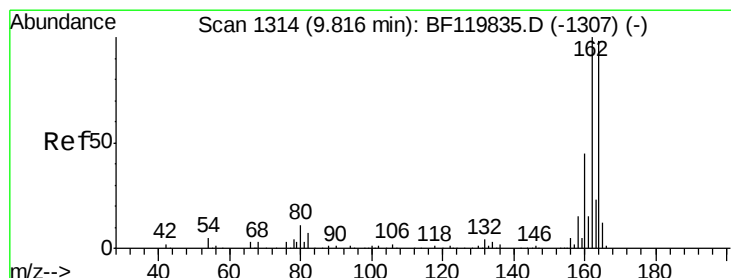
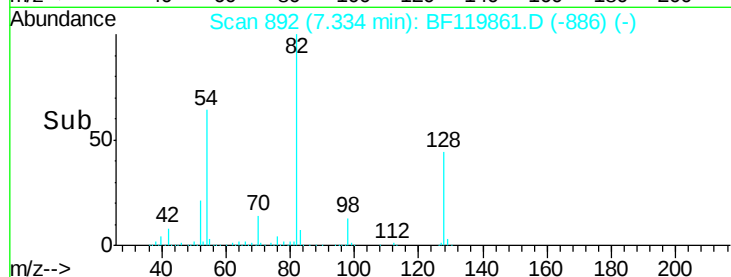
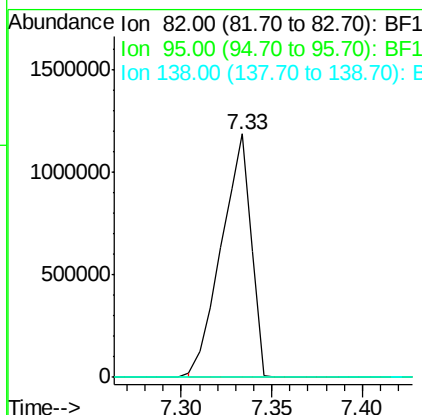
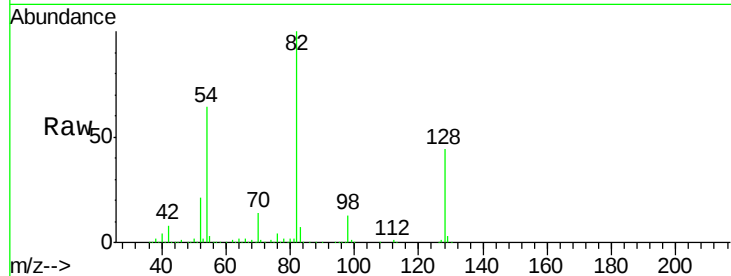




#25
Isophorone
Concen: 47.240 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF119861.D
Acq: 9 Apr 2020 8:33

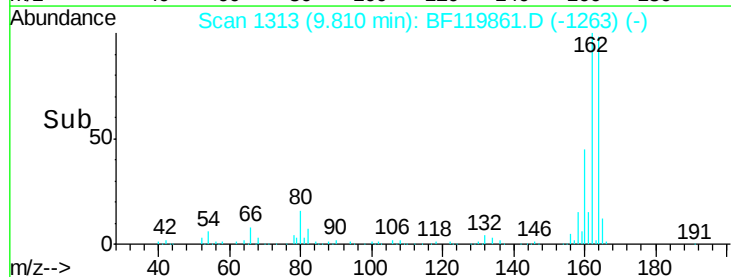
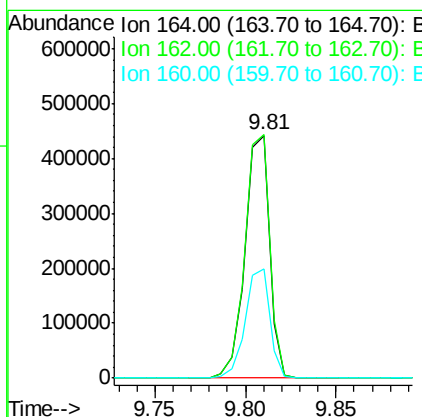
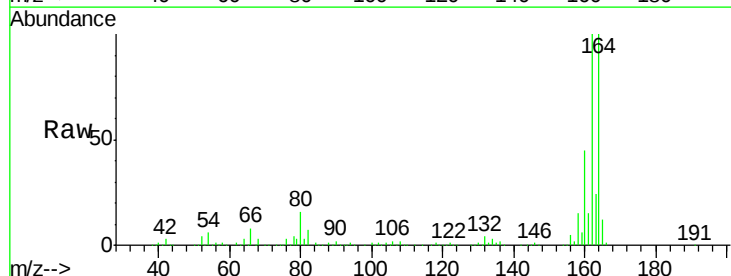
Instrument :
BNA_F
ClientSampleId :

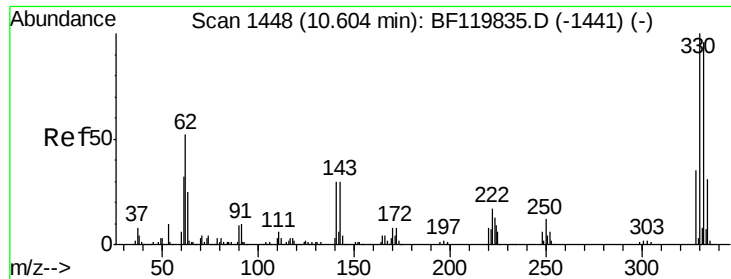
Tot Ion: 82 Resp: 1353174
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119861.D
Acq: 9 Apr 2020 8:33

Tgt Ion:164 Resp: 414132
Ion Ratio Lower Upper
164 100
162 100.3 81.9 122.9
160 45.1 36.6 54.8

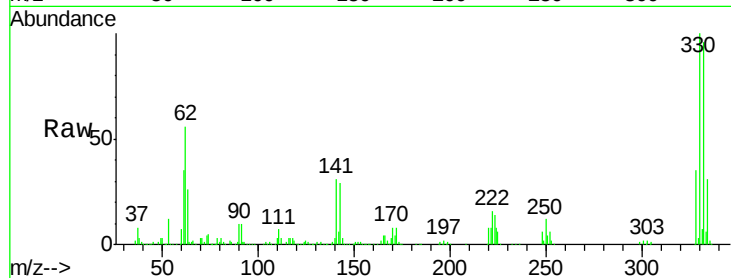




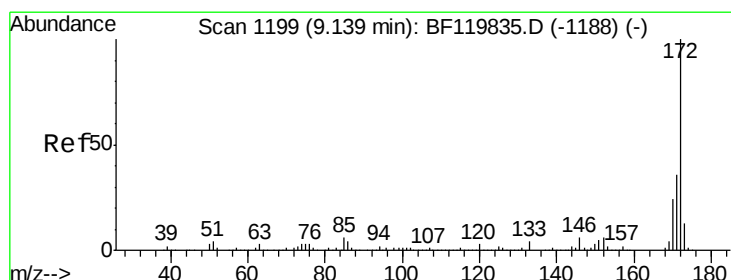
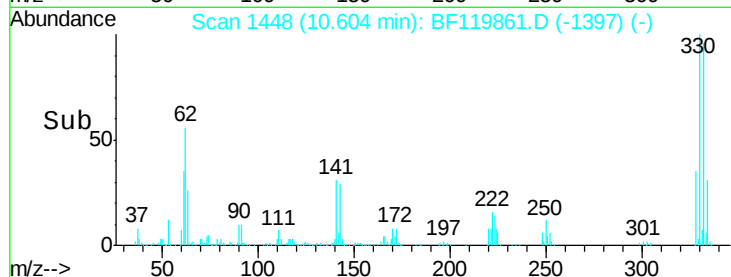
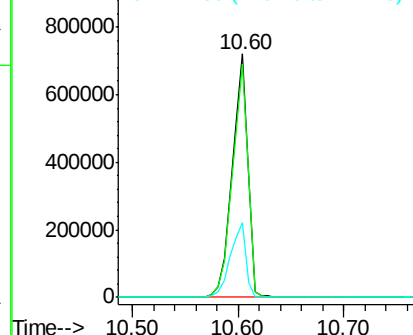
#42
 2,4,6-Tribromophenol
 Concen: 144.152 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119861.D
 Acq: 9 Apr 2020 8:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 730904
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 30.7 25.1 37.7

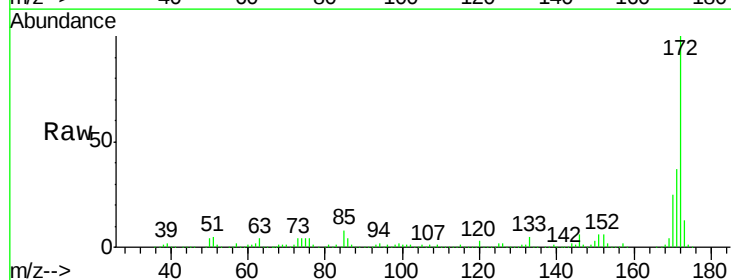


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

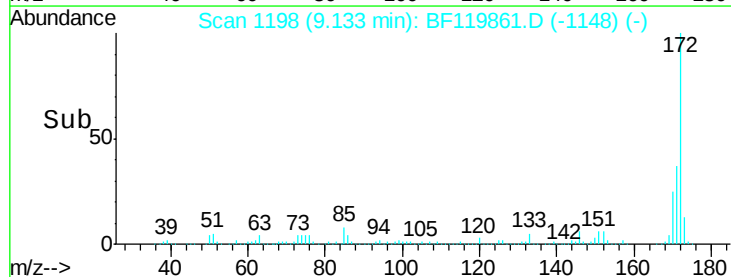
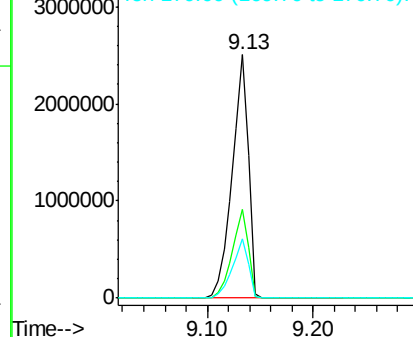


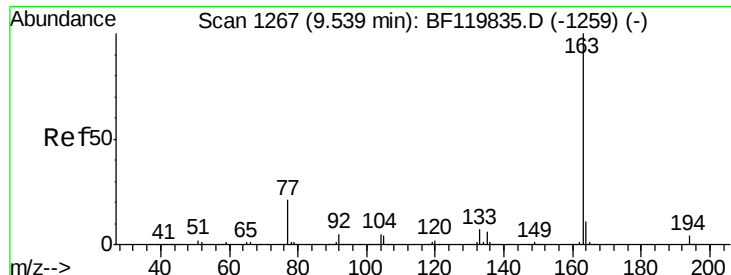
#45
 2-Fluorobiphenyl
 Concen: 90.740 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119861.D
 Acq: 9 Apr 2020 8:33

Tgt Ion:172 Resp: 2646774
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.6 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: 6.926 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

Instrument :

BNA_F

ClientSampleId :

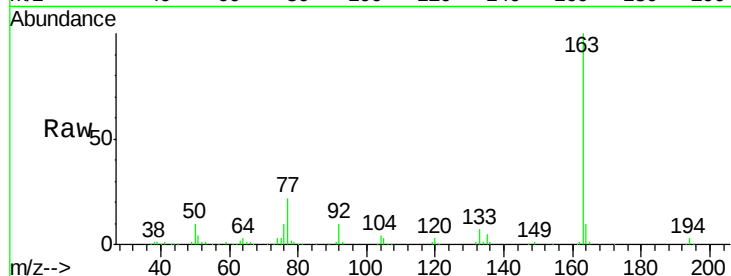
Tot Ion:163 Resp: 221861

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

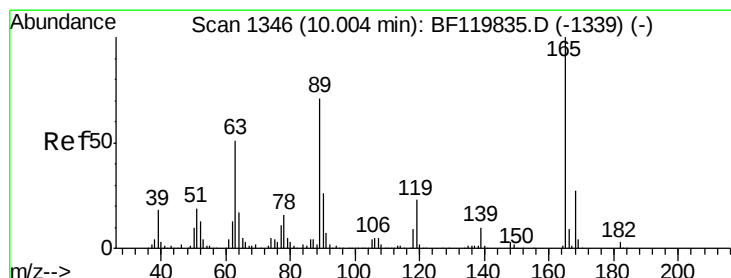
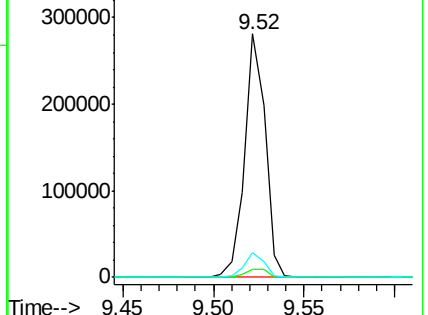
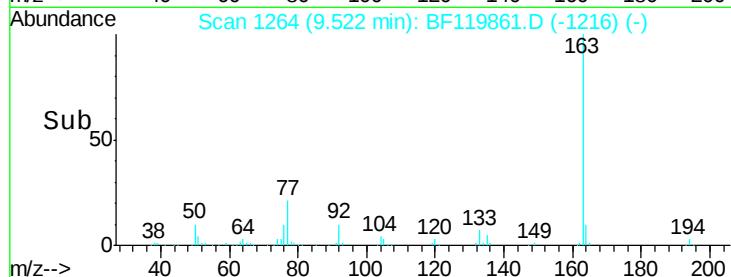
164 10.1 8.4 12.6



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: 5.658 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.20 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

Tgt Ion:165 Resp: 52293

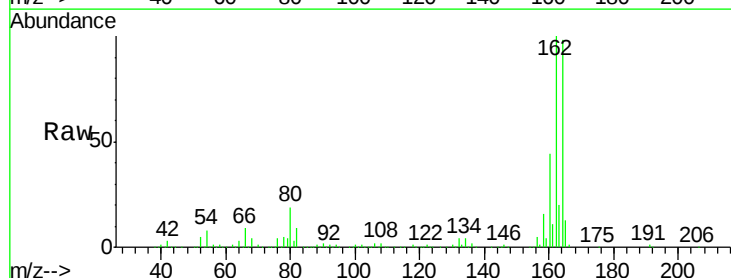
Ion Ratio Lower Upper

165 100

63 1.1 40.8 61.2#

89 1.9 56.9 85.3#

182 0.0 2.0 3.0#

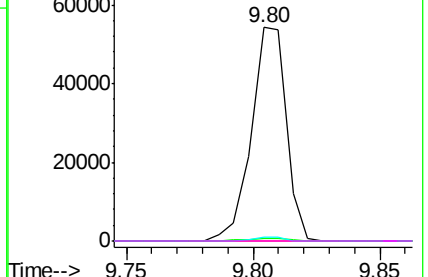
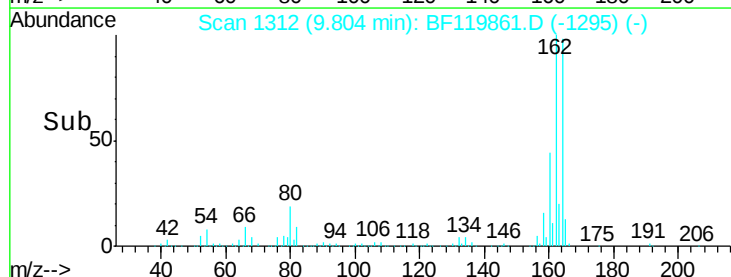


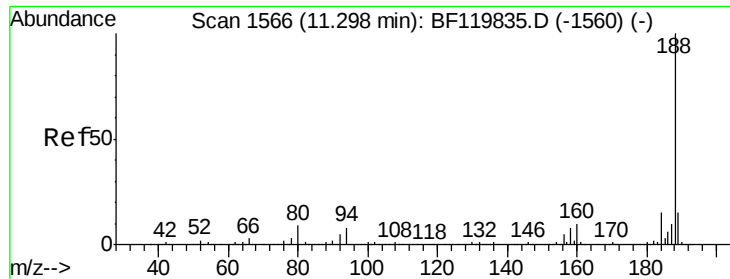
Abundance Ion 165.00 (164.70 to 165.70): E

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

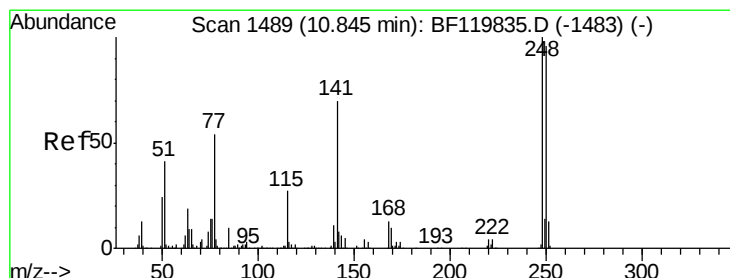
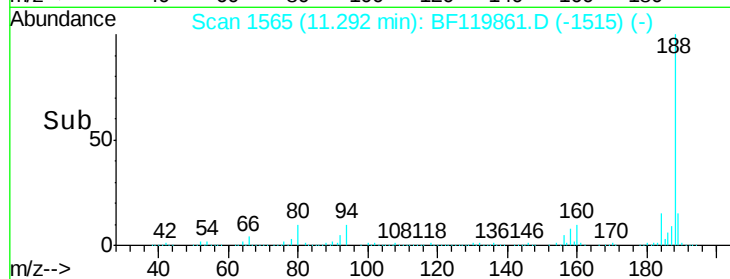
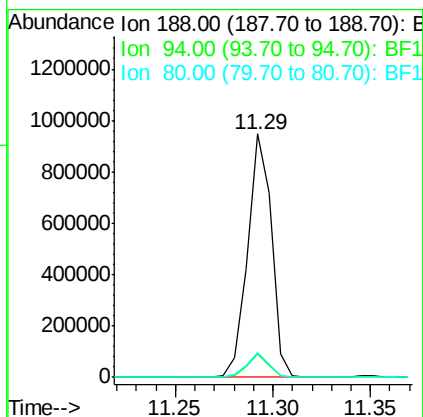
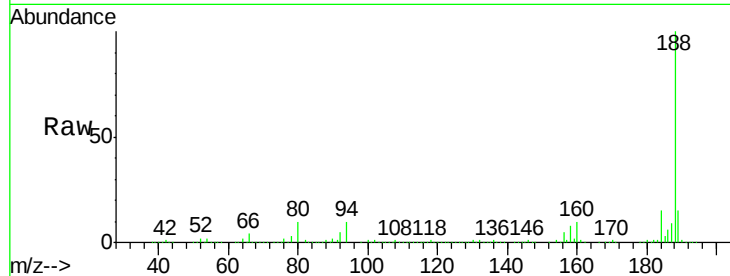




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF119861.D
 Acq: 9 Apr 2020 8:33

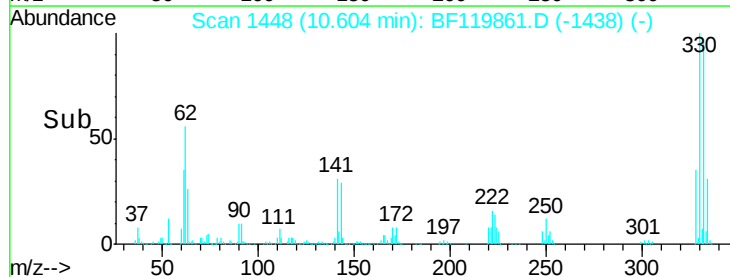
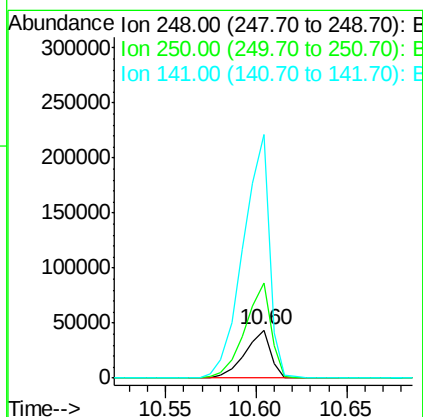
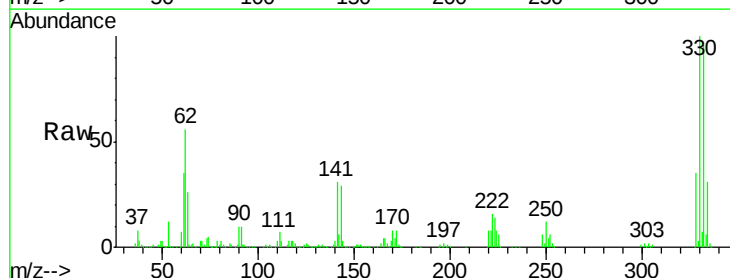
Instrument :
 BNA_F
 ClientSampleId :

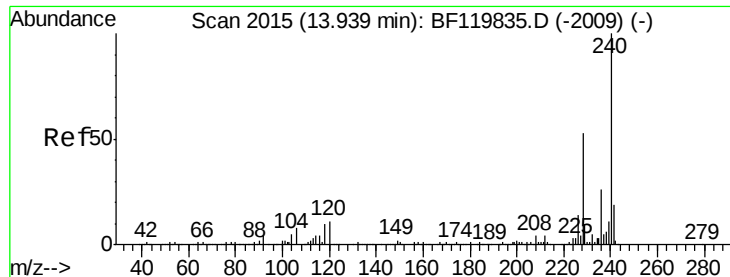
Tot Ion:188 Resp: 803904
 Ion Ratio Lower Upper
 188 100
 94 9.5 6.7 10.1
 80 10.2 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 4.353 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF119861.D
 Acq: 9 Apr 2020 8:33

Tgt Ion:248 Resp: 43520
 Ion Ratio Lower Upper
 248 100
 250 197.7 76.6 114.8#
 141 505.6 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

Instrument :

BNA_F

ClientSampleId :

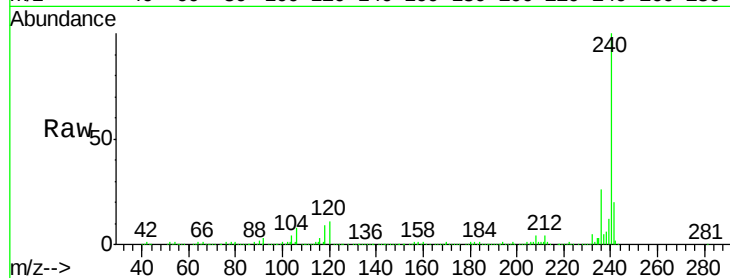
Tot Ion:240 Resp: 556470

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.6

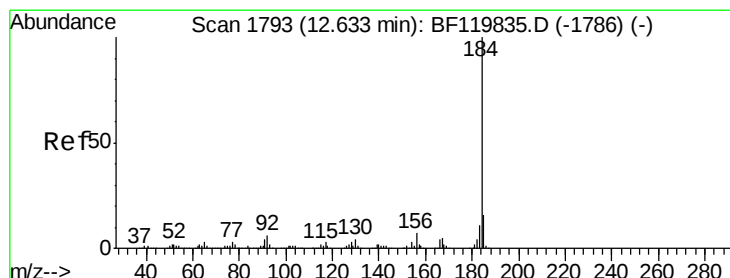
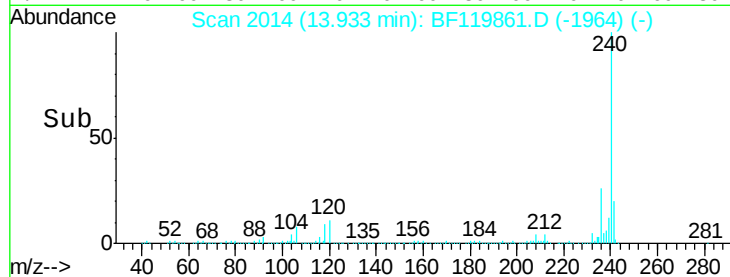
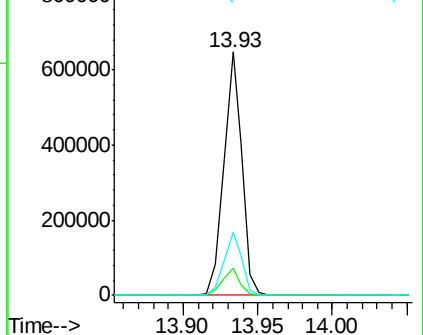
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 2.133 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.26 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

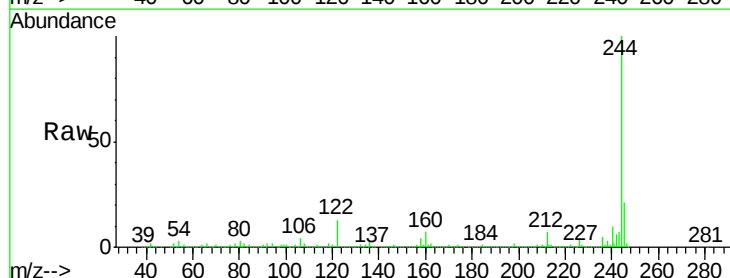
Tgt Ion:184 Resp: 40129

Ion Ratio Lower Upper

184 100

185 14.9 13.2 19.8

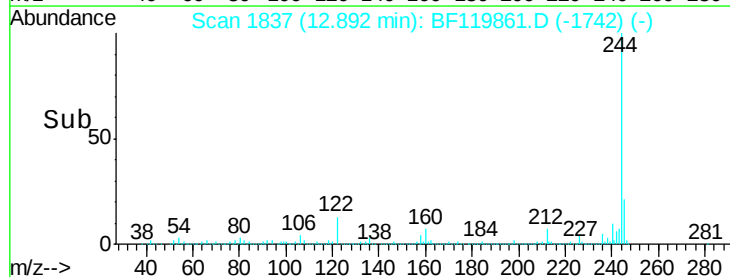
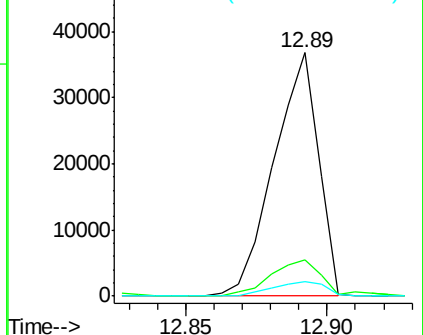
183 5.8 9.1 13.7#

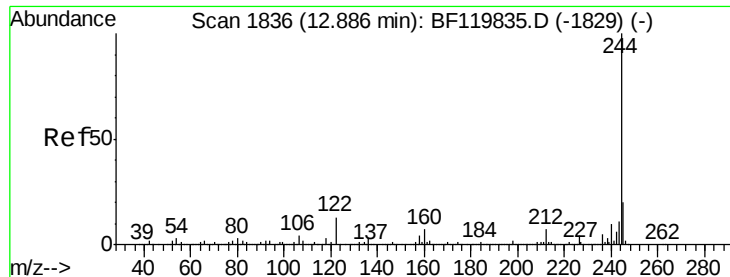


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 96.986 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

Instrument :

BNA_F

ClientSampleId :

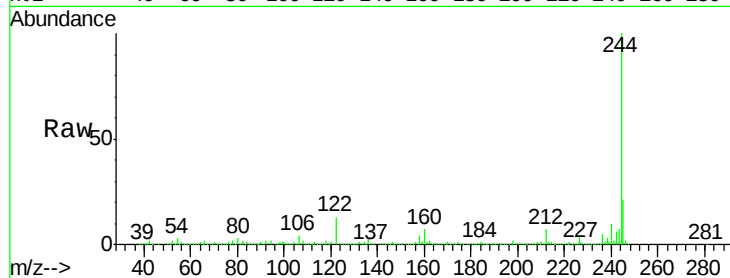
Tot Ion:244 Resp: 3207432

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

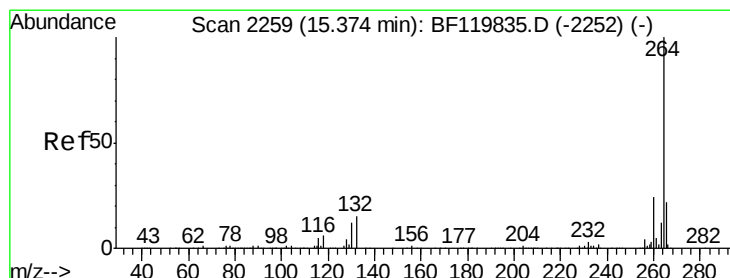
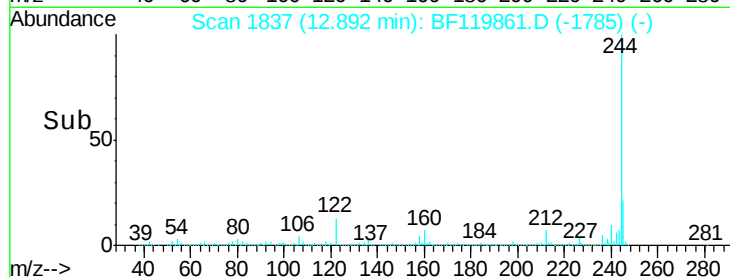
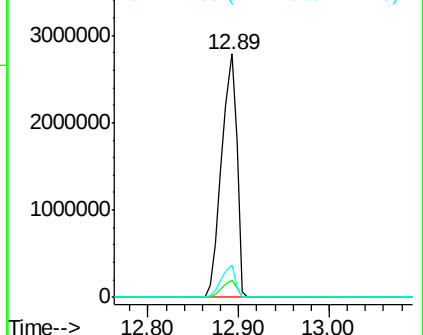
122 13.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

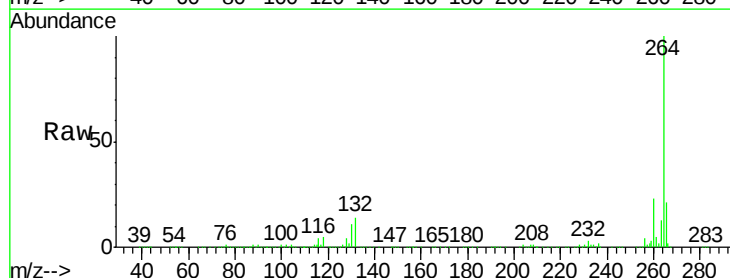
Tgt Ion:264 Resp: 457586

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.1 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

