

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119854.D
 Acq On : 9 Apr 2020 5:23
 Operator : MA/SJ
 Sample : L2151-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 06:22:42 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

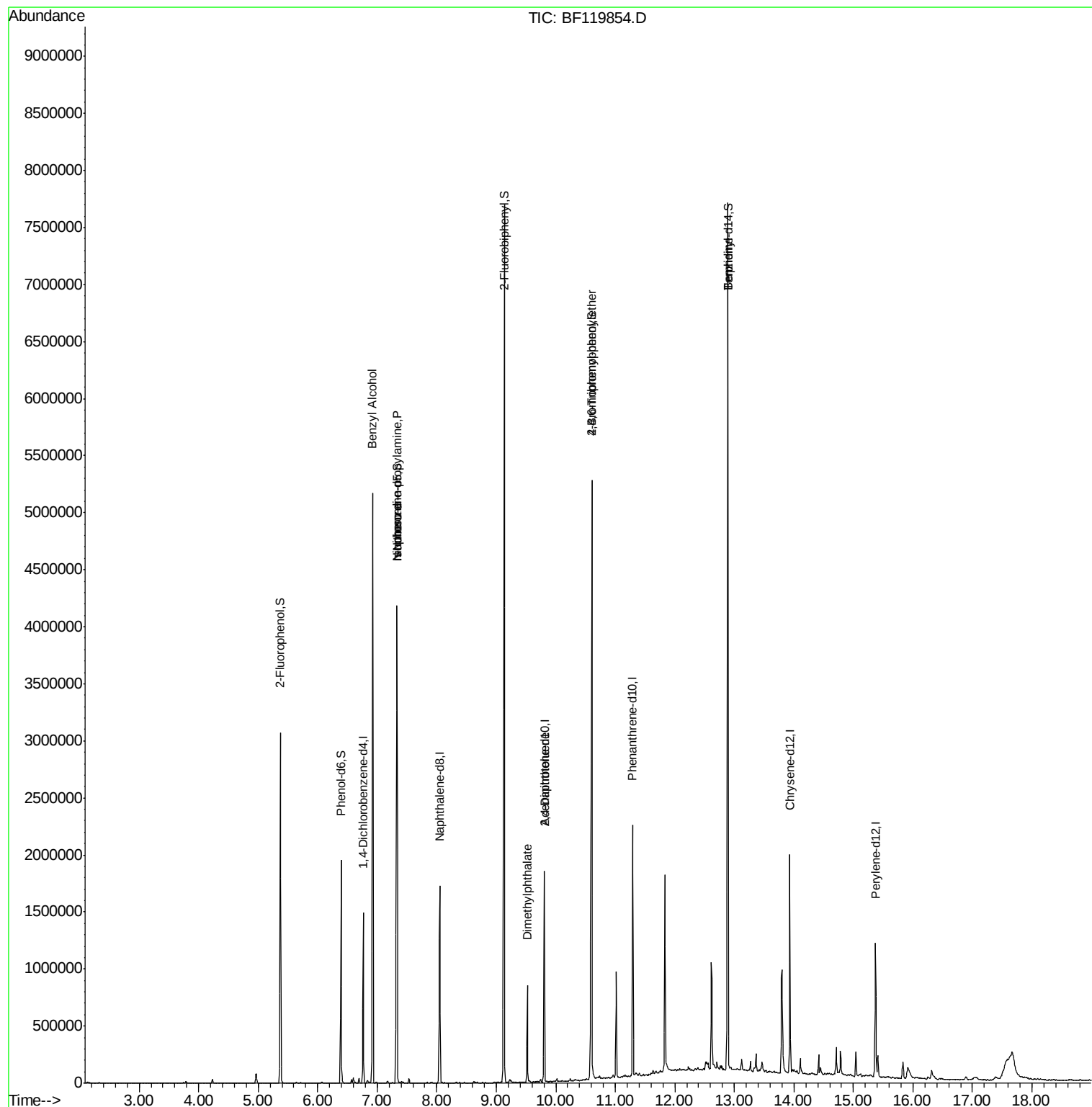
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	208492	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	754584	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	412059	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	807971	20.00	ng	0.00
76) Chrysene-d12	13.93	240	648960	20.00	ng	0.00
87) Perylene-d12	15.37	264	545900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	744796	61.74	ng	0.00
7) Phenol-d6	6.39	99	599530	38.57	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1557378	106.77	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	743612	147.40	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2772610	95.53	ng	0.00
79) Terphenyl-d14	12.89	244	3407358	88.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	118	Below Cal		Qvalue
15) Benzyl Alcohol	6.92	79	24523	2.031 ng	#	38
19) n-Nitroso-di-n-propylamine	7.33	70	205007	20.508 ng	#	53
25) Isophorone	7.33	82	1544227	54.921 ng	#	77
50) Dimethylphthalate	9.52	163	322084	10.105 ng	#	65
57) 2,4-Dinitrotoluene	9.80	165	53311	5.797 ng	#	100
67) 4-Bromophenyl-phenylether	10.60	248	44346	4.413 ng	#	22
77) Benzidine	12.89	184	44014	2.006 ng	#	1
					#	94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119854.D
Acq On : 9 Apr 2020 5:23
Operator : MA/SJ
Sample : L2151-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 09 06:22:42 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



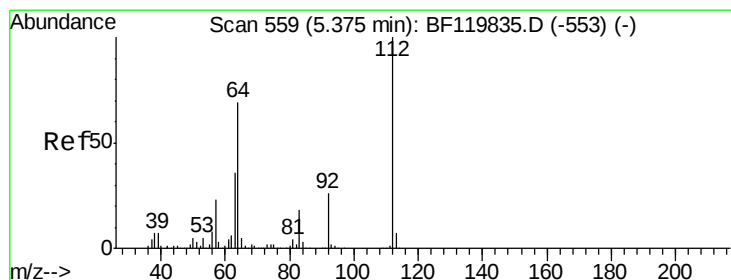
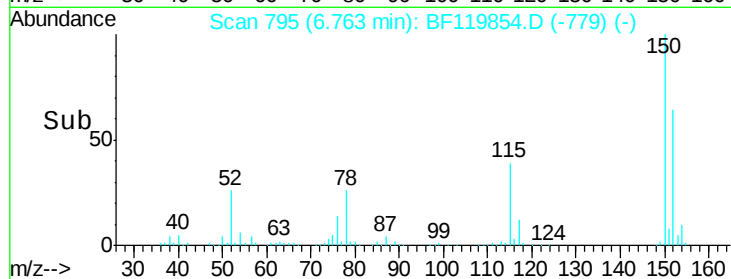
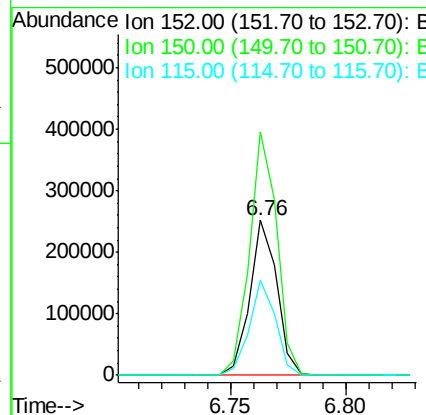
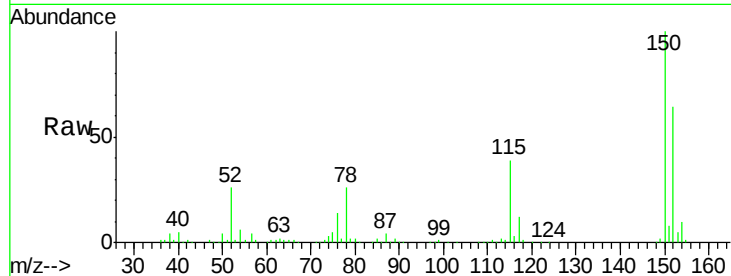


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119854.D
Acq: 9 Apr 2020 5:23

Instrument :
BNA_F
ClientSampleId :

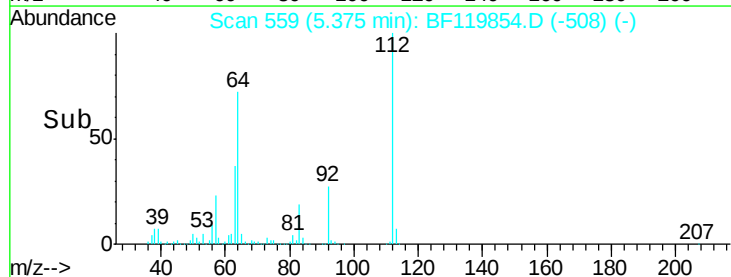
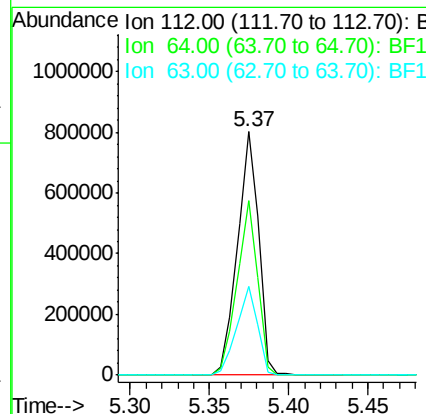
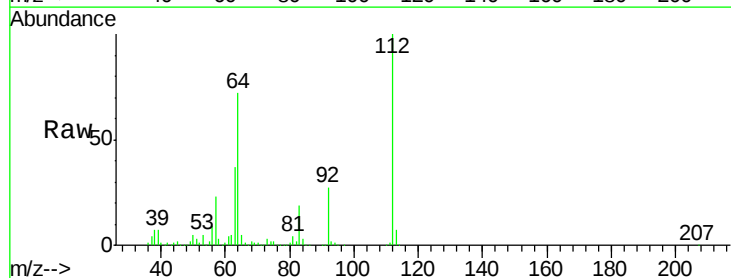
Tot Ion:152 Resp: 208492
Ion Ratio Lower Upper
152 100
150 156.8 124.8 187.2
115 61.1 46.5 69.7



#5

2-Fluorophenol
Concen: 61.736 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119854.D
Acq: 9 Apr 2020 5:23

Tgt Ion:112 Resp: 744796
Ion Ratio Lower Upper
112 100
64 71.8 55.5 83.3
63 36.6 29.1 43.7





#7

Phenol-d6

Concen: 38.567 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119854.D

Acq: 9 Apr 2020 5:23

Instrument :

BNA_F

ClientSampleId :

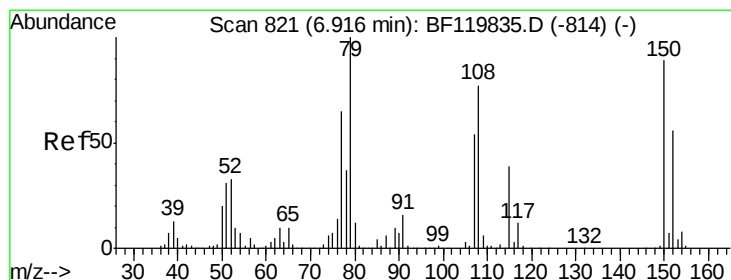
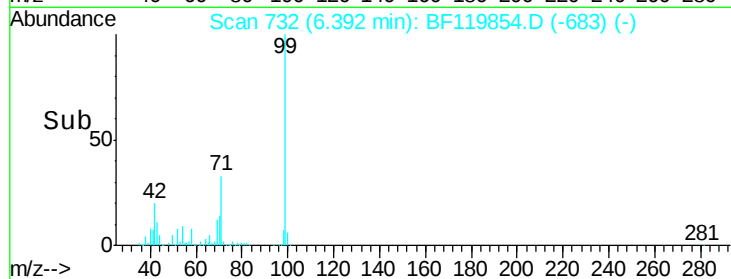
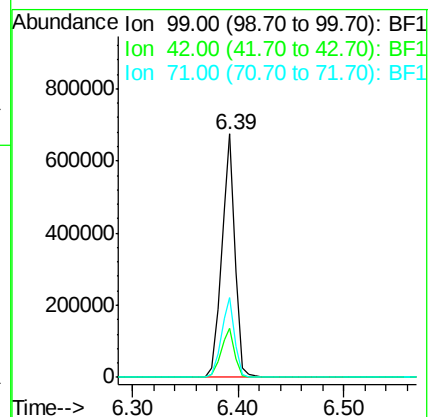
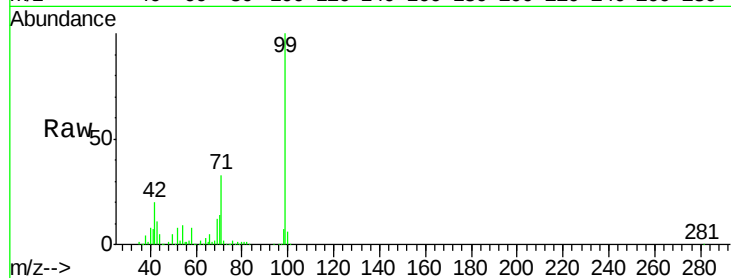
Tot Ion: 99 Resp: 599530

Ion Ratio Lower Upper

99 100

42 20.3 16.9 25.3

71 32.8 26.3 39.5



#15

Benzyl Alcohol

Concen: 2.031 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF119854.D

Acq: 9 Apr 2020 5:23

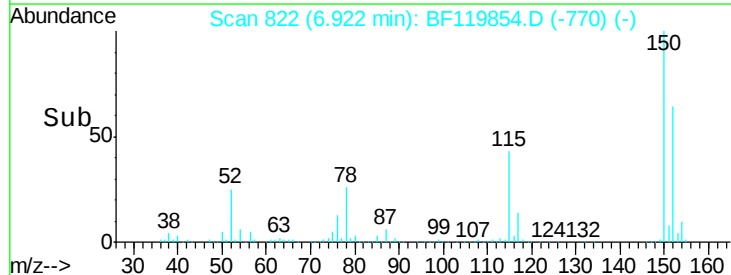
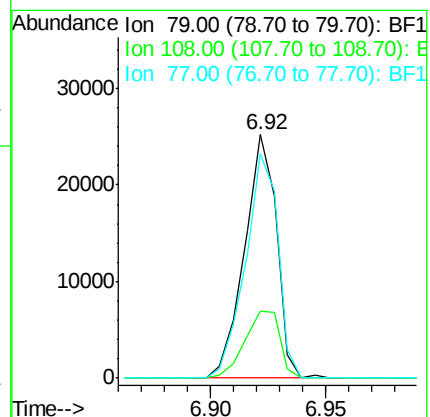
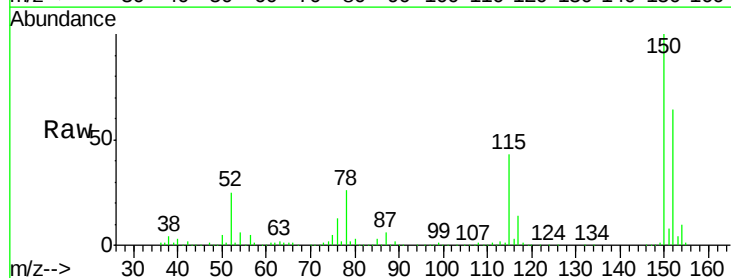
Tgt Ion: 79 Resp: 24523

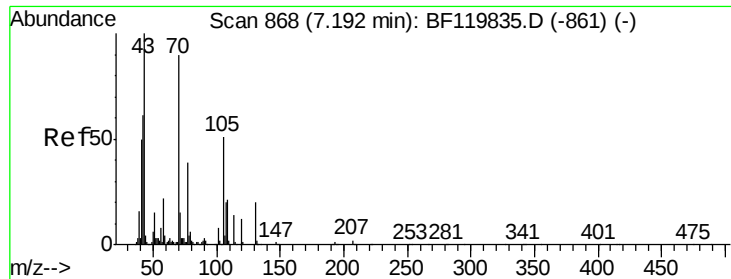
Ion Ratio Lower Upper

79 100

108 27.3 62.0 93.0#

77 92.2 51.8 77.6#

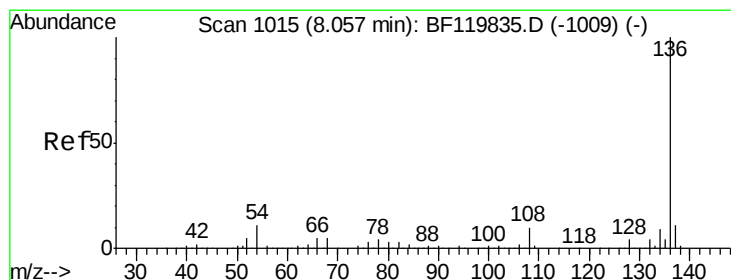
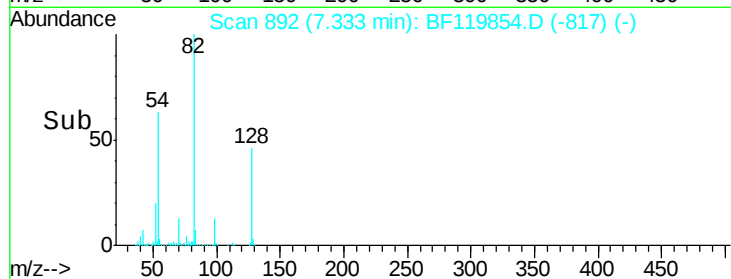
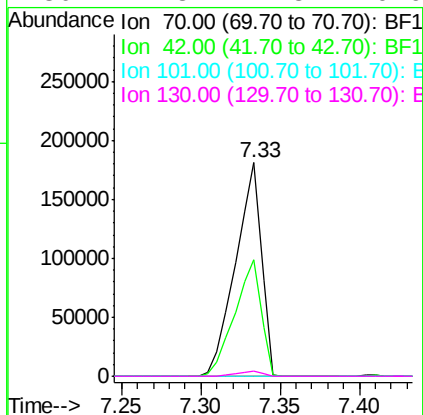
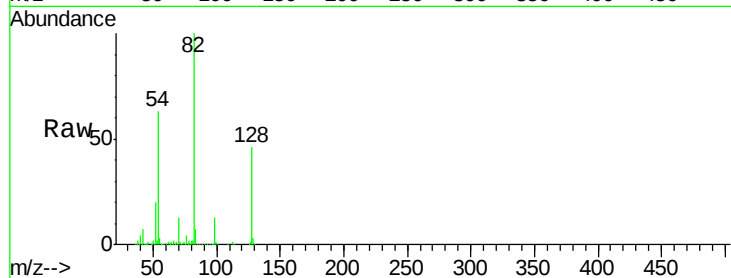




#19
 n-Nitroso-di-n-propylamine
 Concen: 20.508 ng
 RT: 7.33 min Scan# 892
 Delta R.T. 0.14 min
 Lab File: BF119854.D
 Acq: 9 Apr 2020 5:23

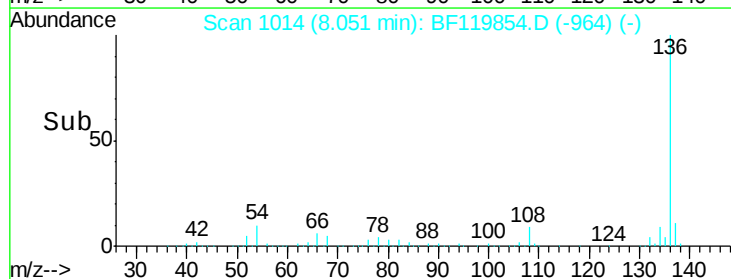
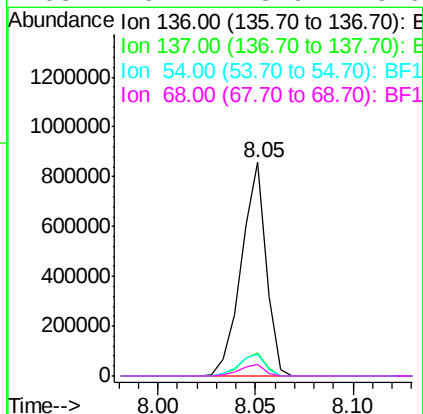
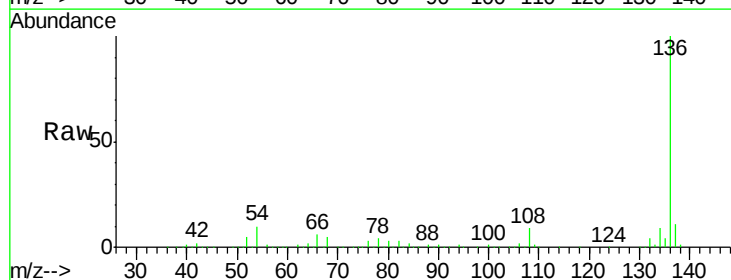
Instrument :
 BNA_F
 ClientSampleId :

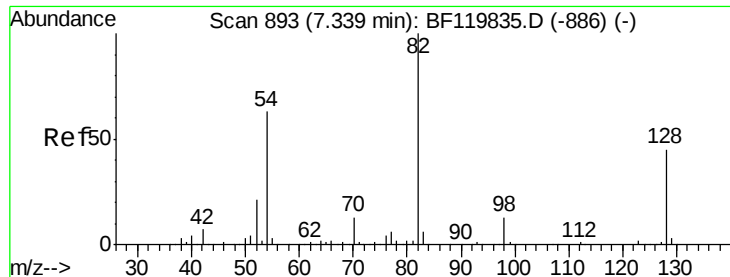
Tot Ion: 70 Resp: 205007
 Ion Ratio Lower Upper
 70 100
 42 54.6 54.2 81.4
 101 0.0 7.4 11.2#
 130 2.3 17.8 26.6#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF119854.D
 Acq: 9 Apr 2020 5:23

Tgt Ion: 136 Resp: 754584
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.7 13.1
 54 10.2 8.5 12.7
 68 5.1 3.9 5.9

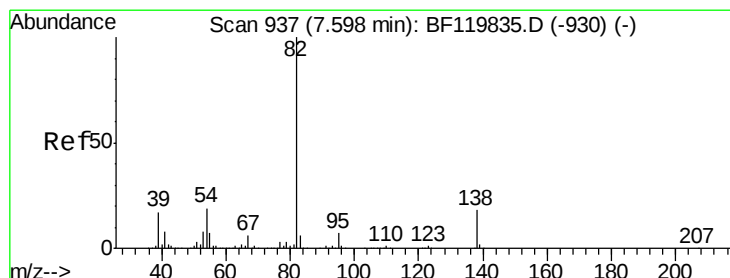
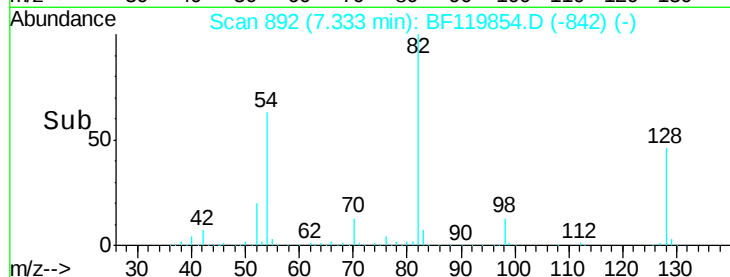
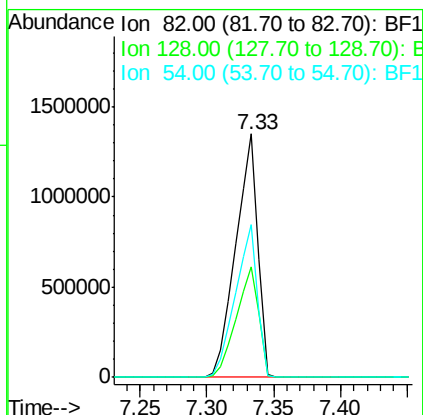
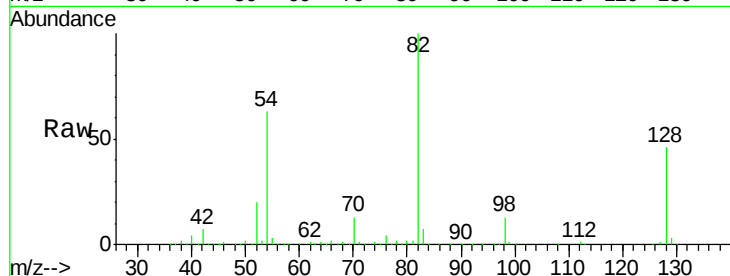




#23
 Nitrobenzene-d5
 Concen: 106.772 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF119854.D
 Acq: 9 Apr 2020 5:23

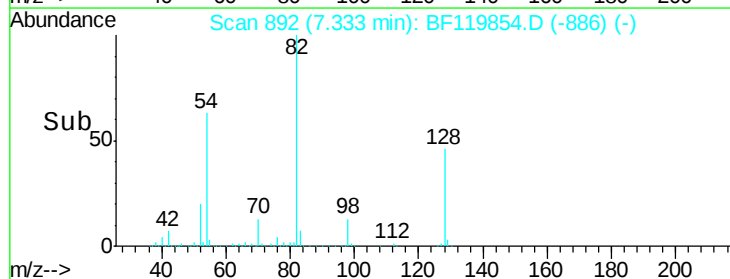
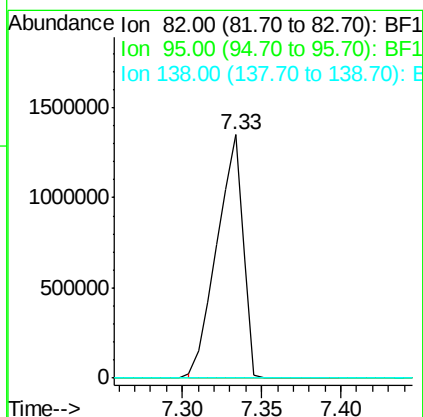
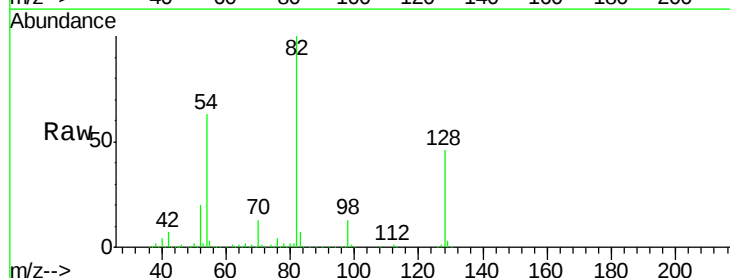
Instrument :
 BNA_F
 ClientSampleId :

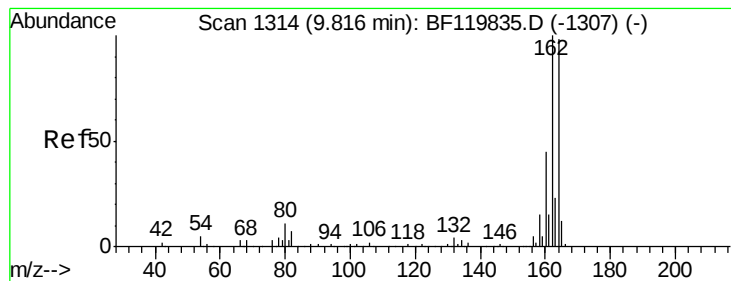
Tot Ion: 82 Resp: 1557378
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.2 54.4
 54 62.5 50.4 75.6



#25
 Isophorone
 Concen: 54.921 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF119854.D
 Acq: 9 Apr 2020 5:23

Tgt Ion: 82 Resp: 1544227
 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: BF119854.D

Acq: 9 Apr 2020 5:23

Instrument :

BNA_F

ClientSampled :

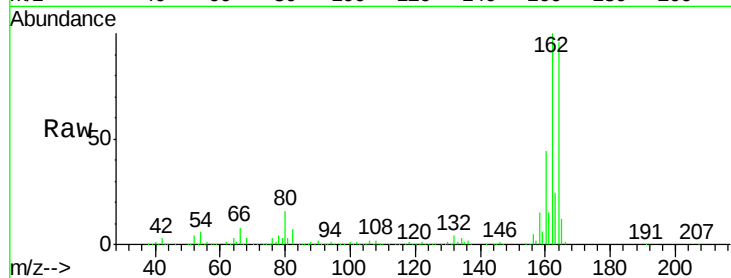
Tot Ion:164 Resp: 412059

Ion Ratio Lower Upper

164 100

162 104.7 81.9 122.9

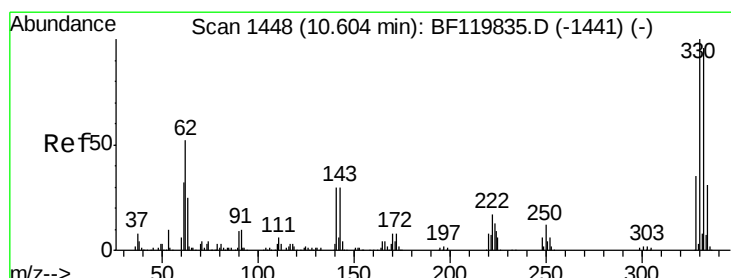
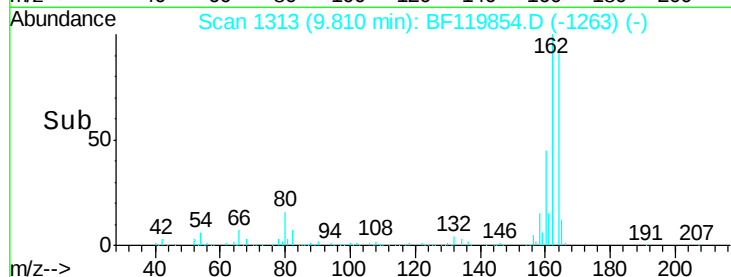
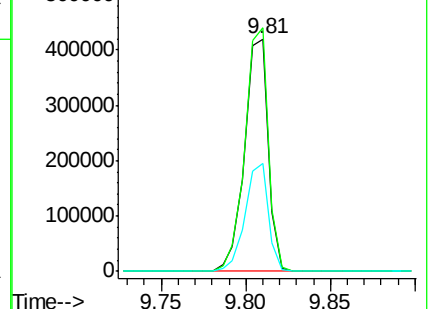
160 46.6 36.6 54.8



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: 147.396 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF119854.D

Acq: 9 Apr 2020 5:23

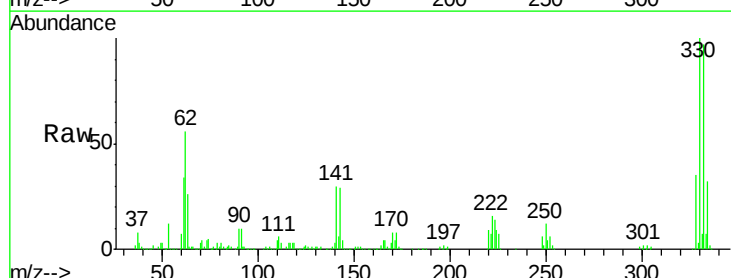
Tgt Ion:330 Resp: 743612

Ion Ratio Lower Upper

330 100

332 97.8 76.8 115.2

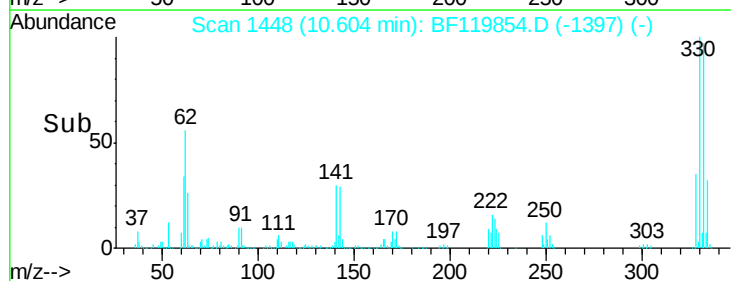
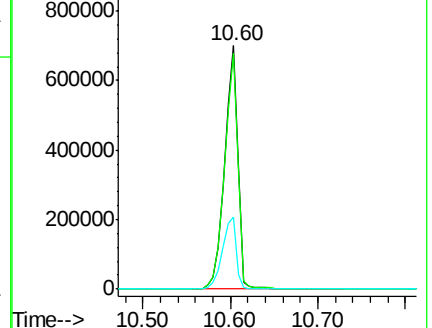
141 31.3 25.1 37.7

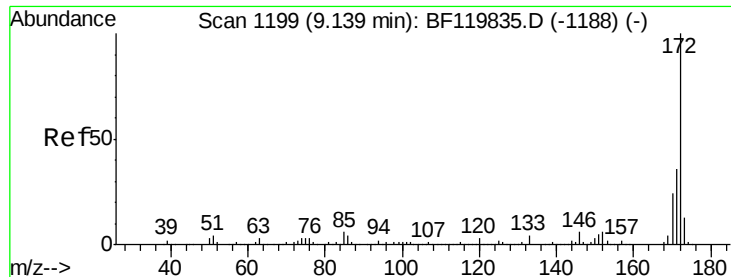


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



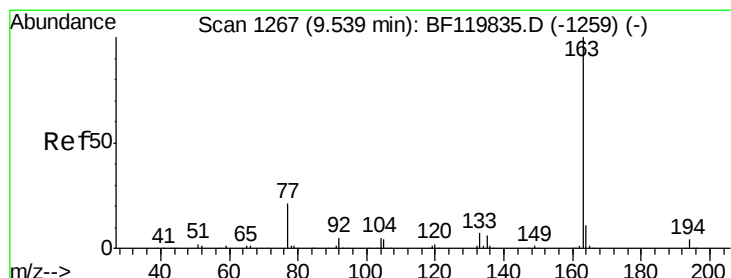
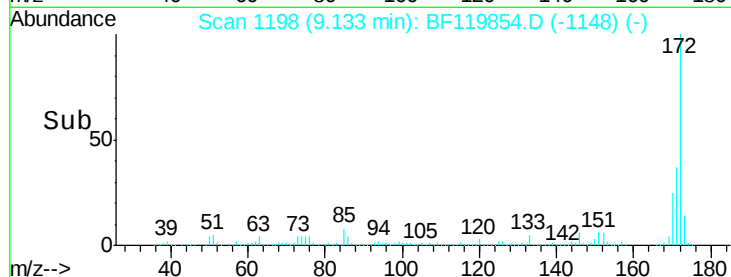
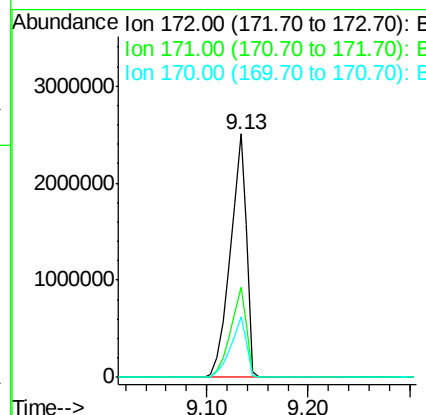
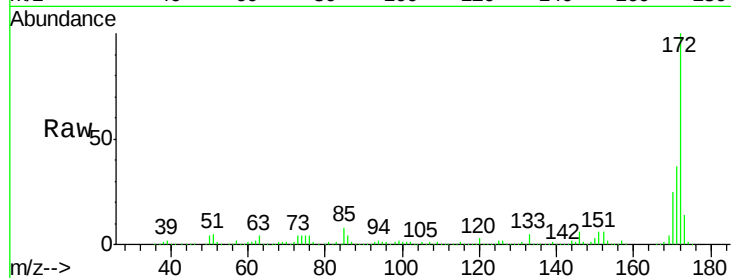


#45
 2-Fluorobiphenyl
 Concen: 95.533 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119854.D
 Acq: 9 Apr 2020 5:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2772610

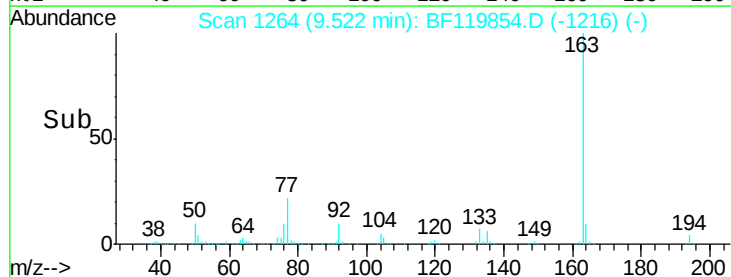
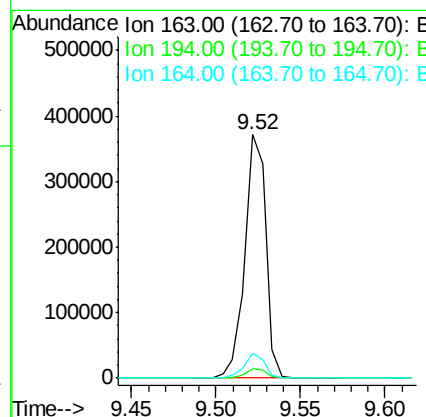
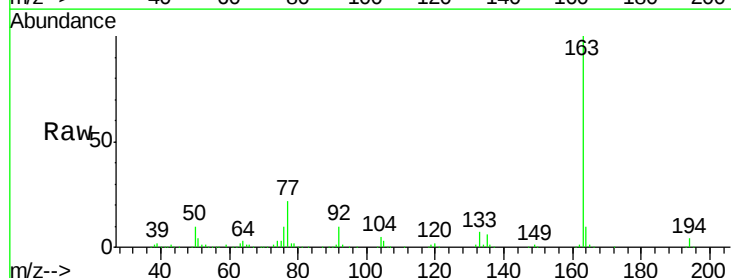
Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.8	19.4	29.2

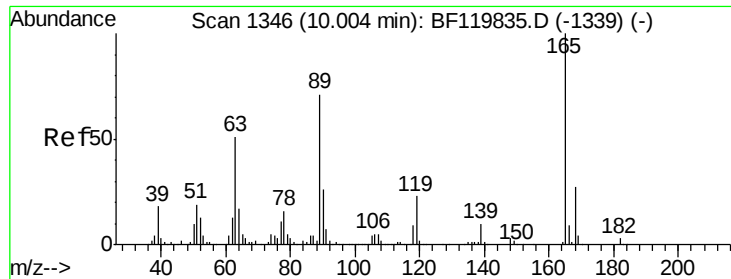


#50
 Dimethylphthalate
 Concen: 10.105 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BF119854.D
 Acq: 9 Apr 2020 5:23

Tgt Ion:163 Resp: 322084

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.4	8.4	12.6

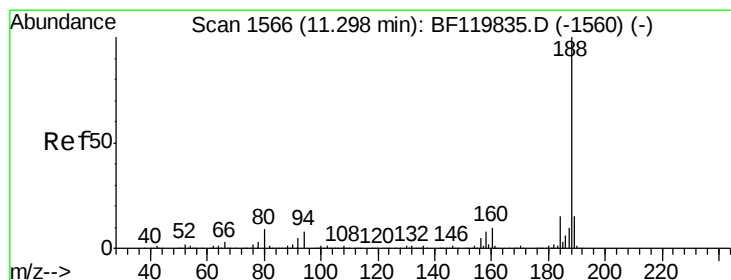
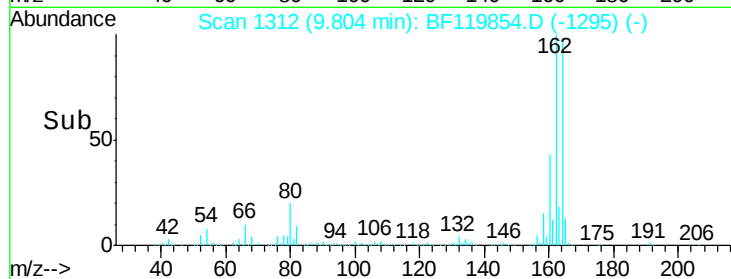
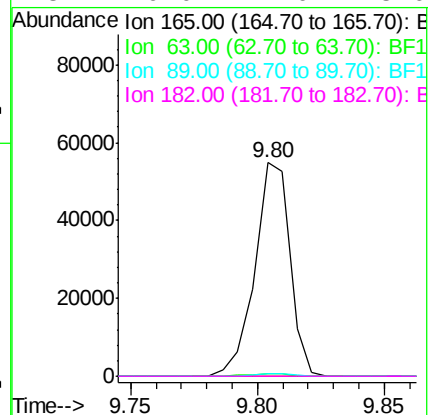
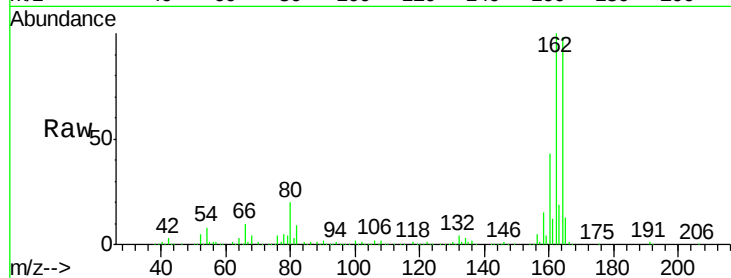




#57
 2,4-Dinitrotoluene
 Concen: 5.797 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.20 min
 Lab File: BF119854.D
 Acq: 9 Apr 2020 5:23

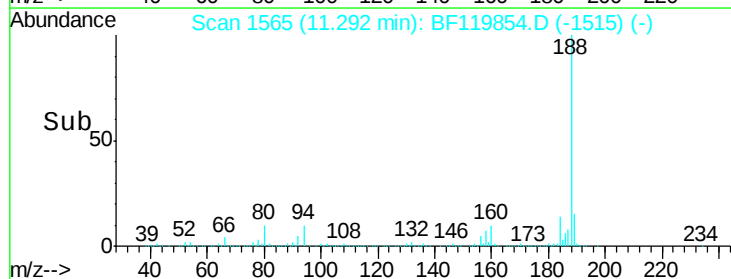
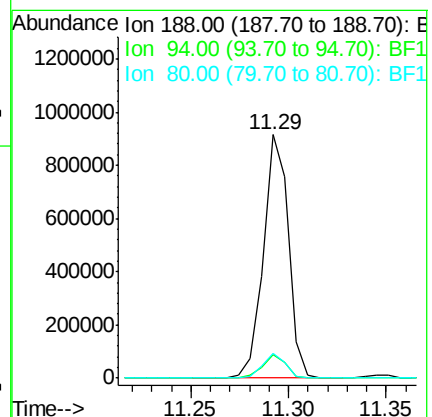
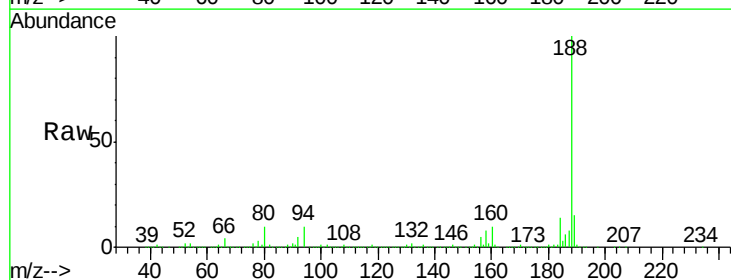
Instrument :
 BNA_F
 ClientSampleId :

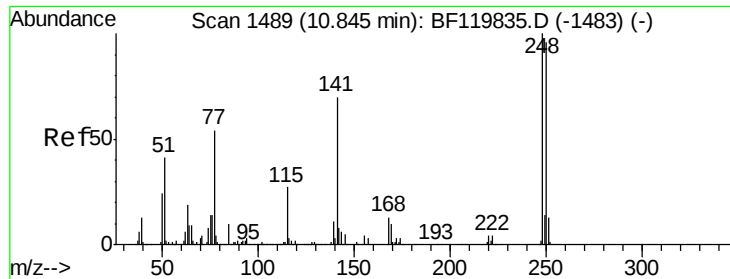
Tot Ion:165 Resp: 53311
 Ion Ratio Lower Upper
 165 100
 63 1.2 40.8 61.2#
 89 1.0 56.9 85.3#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF119854.D
 Acq: 9 Apr 2020 5:23

Tgt Ion:188 Resp: 807971
 Ion Ratio Lower Upper
 188 100
 94 9.7 6.7 10.1
 80 10.1 7.4 11.2

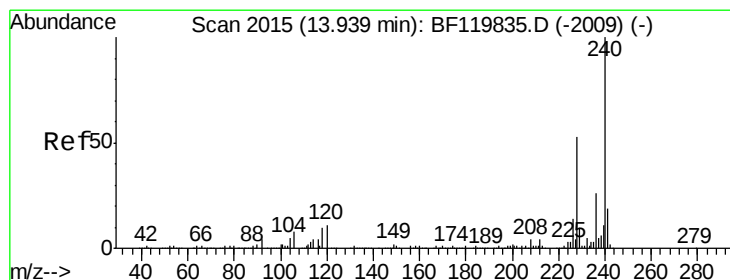
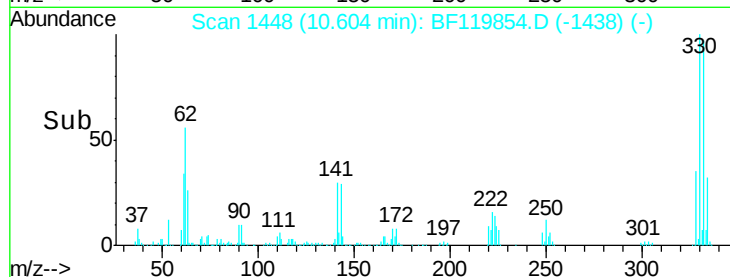
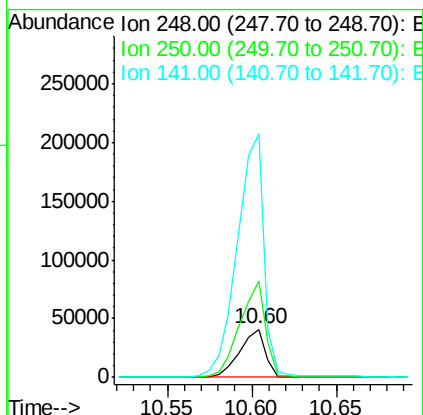
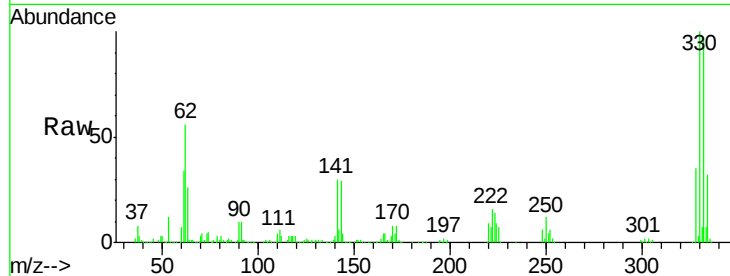




#67
 4-Bromophenyl-phenylether
 Concen: 4.413 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF119854.D
 Acq: 9 Apr 2020 5:23

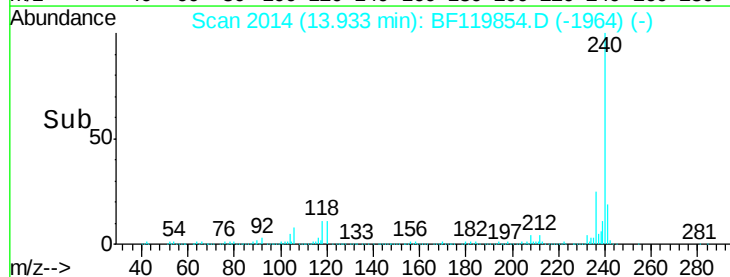
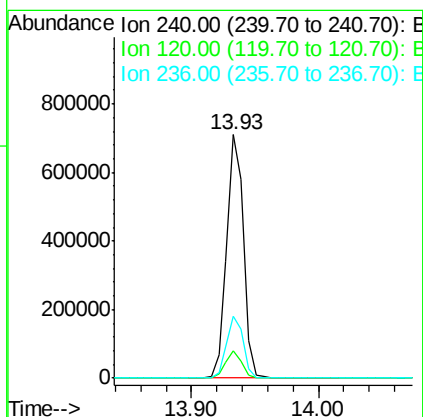
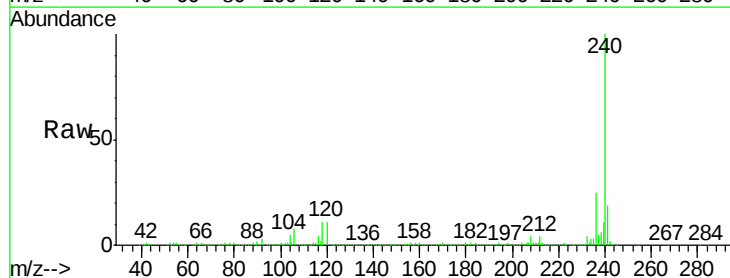
Instrument :
 BNA_F
 ClientSampled :

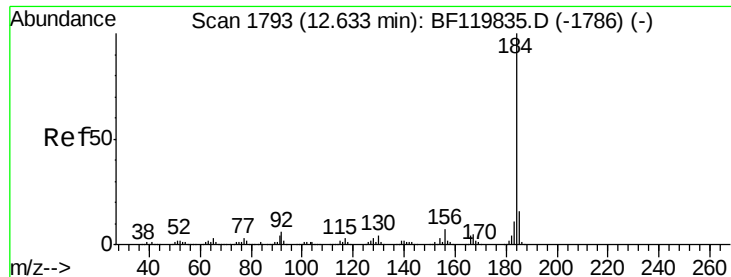
Tot Ion:248 Resp: 44346
 Ion Ratio Lower Upper
 248 100
 250 202.1 76.6 114.8#
 141 508.9 55.9 83.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119854.D
 Acq: 9 Apr 2020 5:23

Tgt Ion:240 Resp: 648960
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.0 13.6
 236 25.3 20.7 31.1





#77

Benzidine

Concen: 2.006 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.26 min

Lab File: BF119854.D

Acq: 9 Apr 2020 5:23

Instrument :

BNA_F

ClientSampleId :

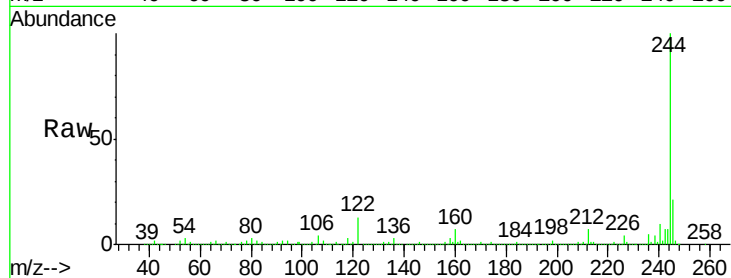
Tot Ion:184 Resp: 44014

Ion Ratio Lower Upper

184 100

185 16.8 13.2 19.8

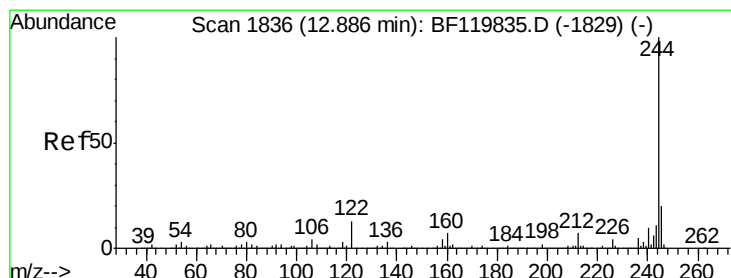
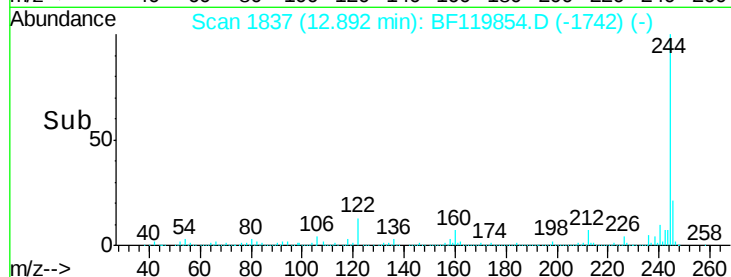
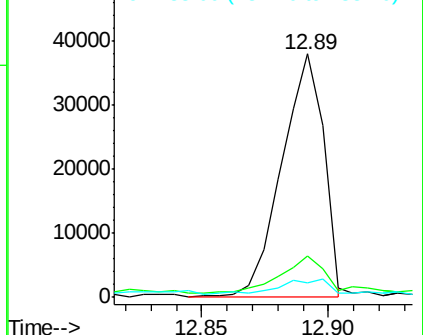
183 6.0 9.1 13.7#



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: 88.348 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119854.D

Acq: 9 Apr 2020 5:23

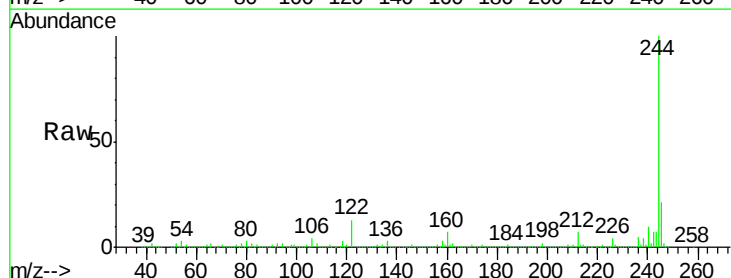
Tgt Ion:244 Resp: 3407358

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

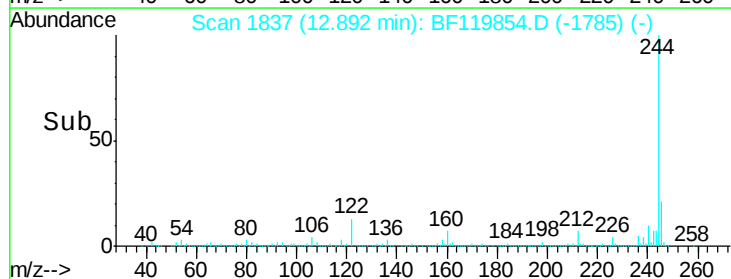
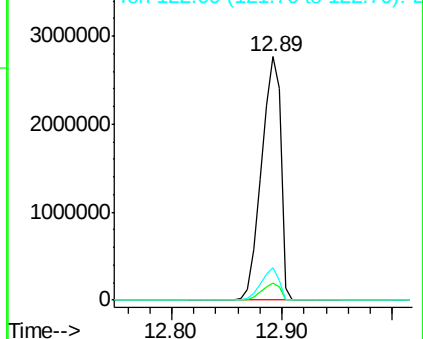
122 13.4 10.3 15.5

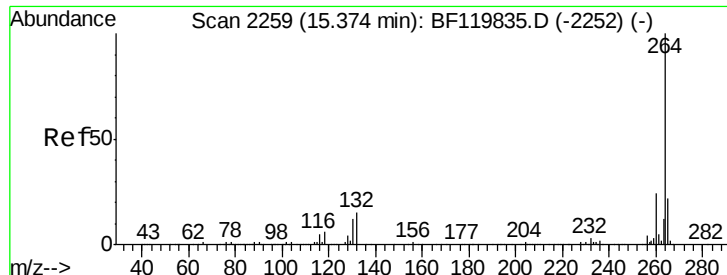


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

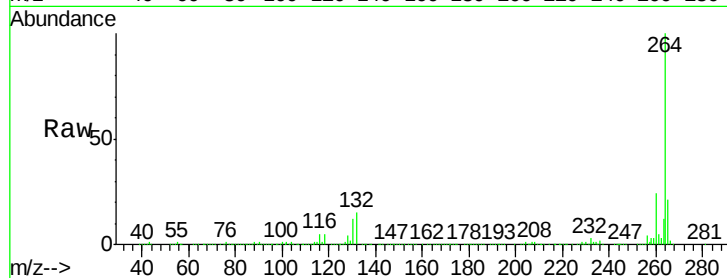




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BF119854.D
 Acq: 9 Apr 2020 5:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.2	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

