

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119858.D
 Acq On : 9 Apr 2020 7:11
 Operator : MA/SJ
 Sample : L2151-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 07:55:23 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

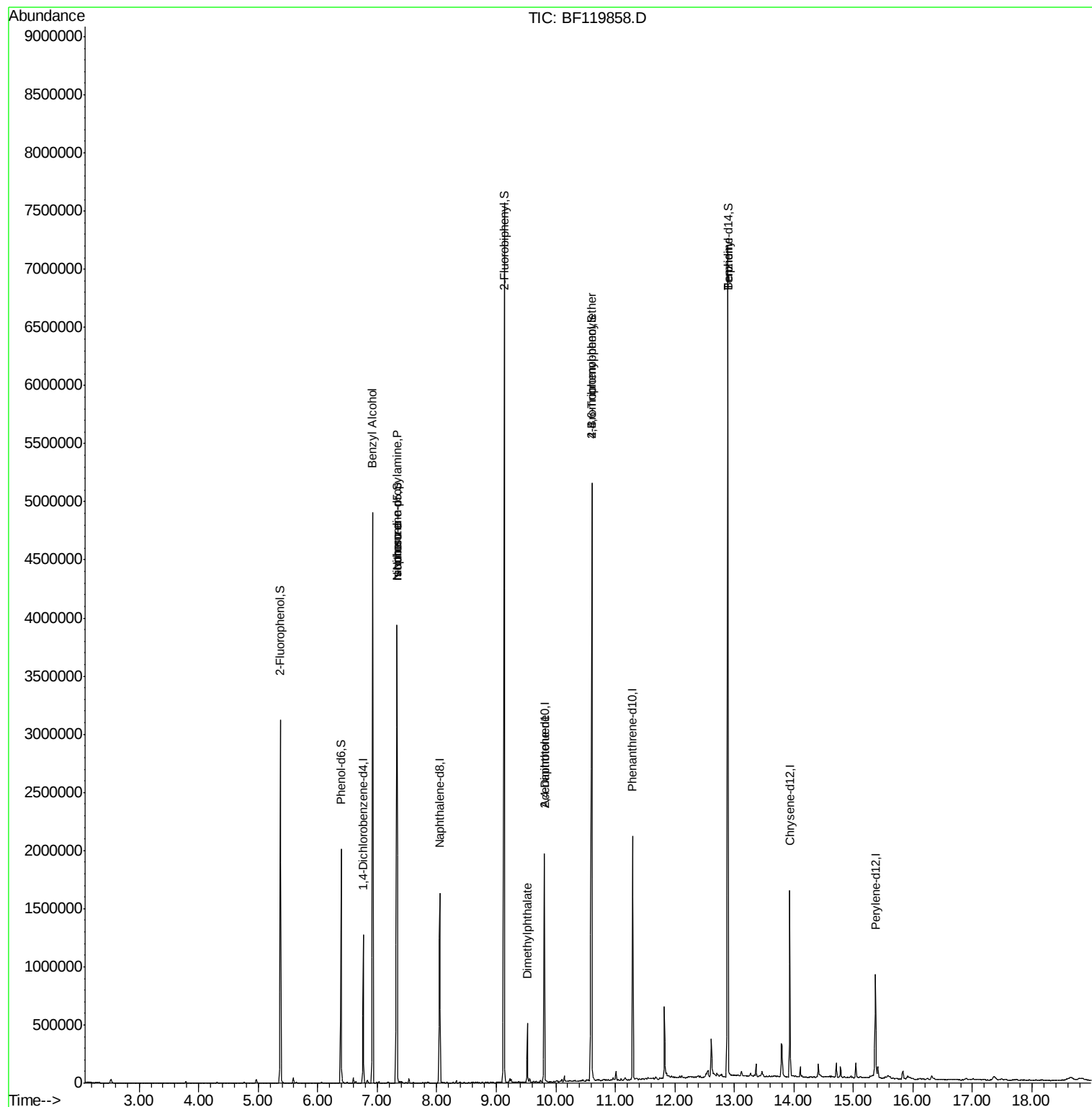
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	178417	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	731045	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	419455	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	739056	20.00	ng	0.00
76) Chrysene-d12	13.93	240	524598	20.00	ng	0.00
87) Perylene-d12	15.37	264	415426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	765069	74.11	ng	0.00
7) Phenol-d6	6.39	99	610429	45.89	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1454035	102.90	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	724542	141.08	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2696461	91.27	ng	0.00
79) Terphenyl-d14	12.89	244	3071232	98.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	131	Below Cal		91
15) Benzyl Alcohol	6.92	79	22116	2.140 ng	#	52
19) n-Nitroso-di-n-propylamine	7.33	70	193989	22.677 ng	#	78
25) Isophorone	7.33	82	1443282	52.983 ng	#	65
50) Dimethylphthalate	9.52	163	173833	5.358 ng		100
57) 2,4-Dinitrotoluene	9.81	165	55087	5.885 ng	#	23
67) 4-Bromophenyl-phenylether	10.60	248	43234	4.704 ng	#	1
77) Benzidine	12.89	184	38332	2.162 ng	#	91

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

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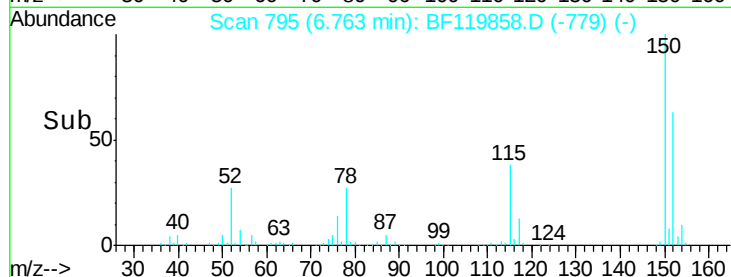
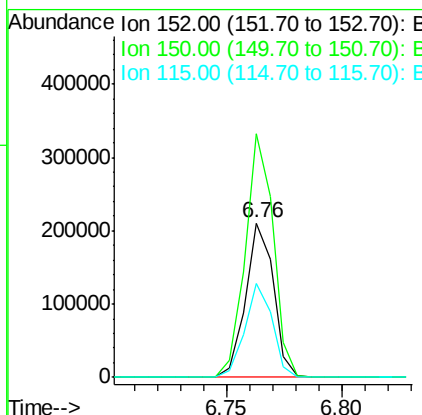
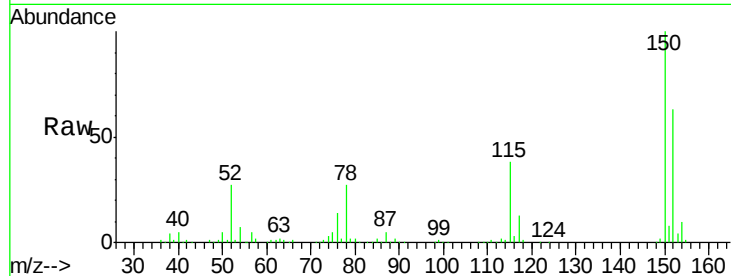


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119858.D
Acq: 9 Apr 2020 7:11

Instrument :
BNA_F
ClientSampled :

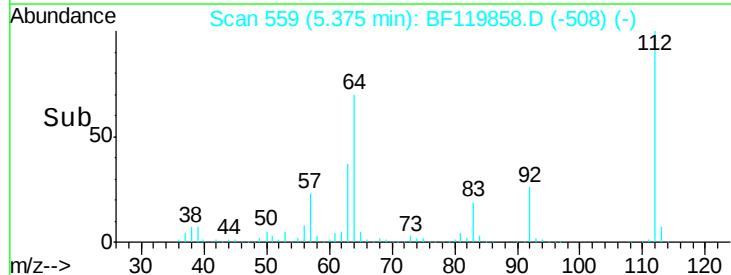
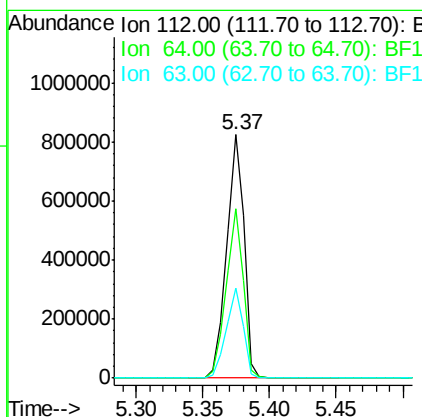
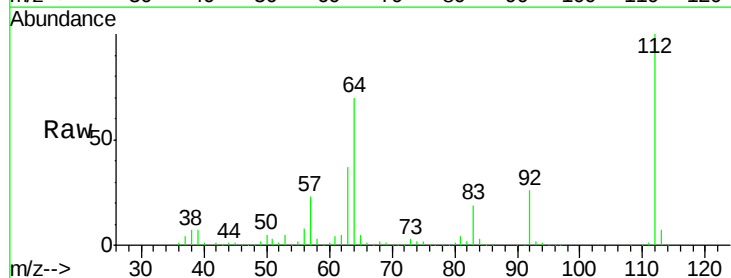
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.8	187.2
115	60.8	46.5	69.7



#5

2-Fluorophenol
Concen: 74.106 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119858.D
Acq: 9 Apr 2020 7:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.5	83.3
63	37.1	29.1	43.7





#7

Phenol-d6

Concen: 45.887 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119858.D

Acq: 9 Apr 2020 7:11

Instrument :

BNA_F

ClientSampled :

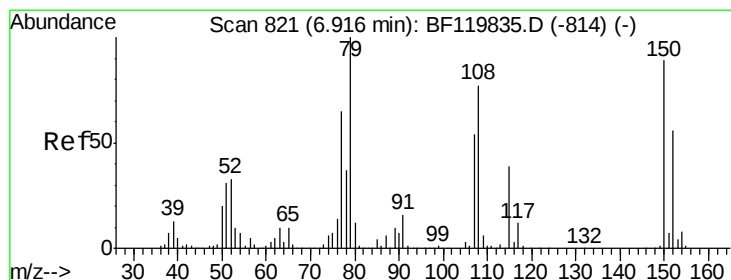
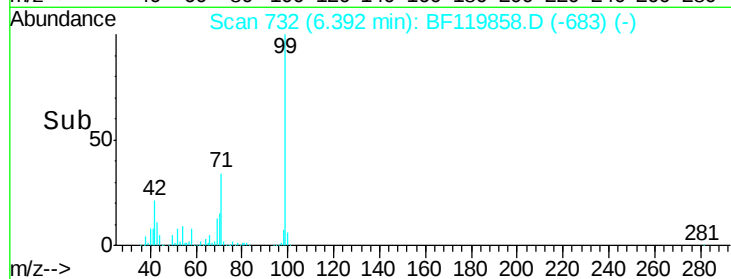
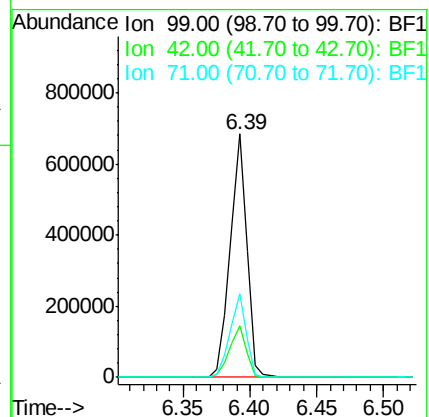
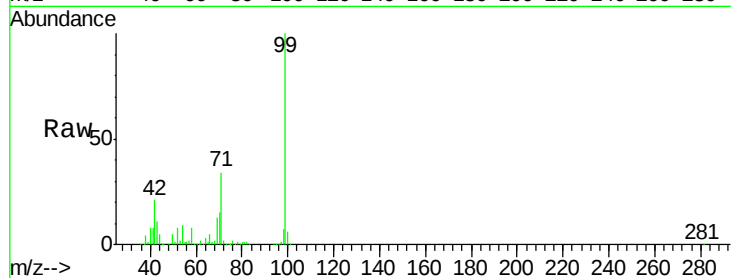
Tot Ion: 99 Resp: 610429

Ion Ratio Lower Upper

99 100

42 21.0 16.9 25.3

71 34.3 26.3 39.5



#15

Benzyl Alcohol

Concen: 2.140 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF119858.D

Acq: 9 Apr 2020 7:11

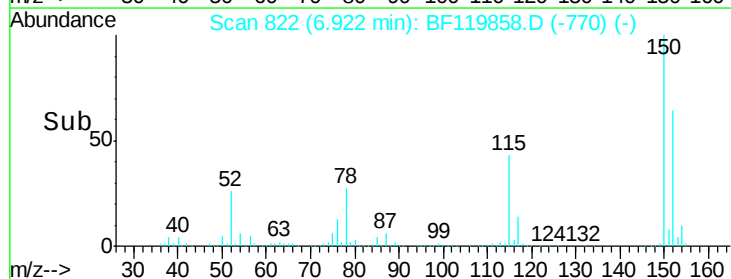
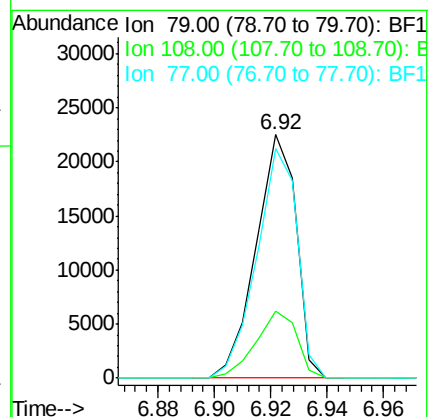
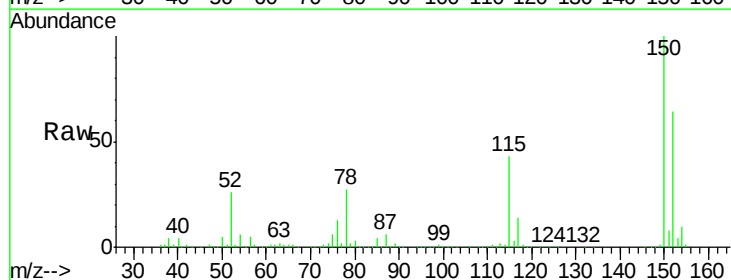
Tgt Ion: 79 Resp: 22116

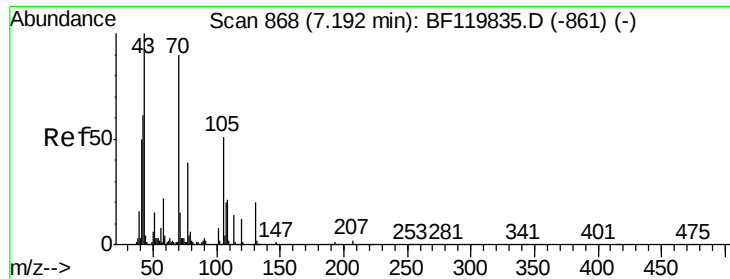
Ion Ratio Lower Upper

79 100

108 27.7 62.0 93.0#

77 94.4 51.8 77.6#

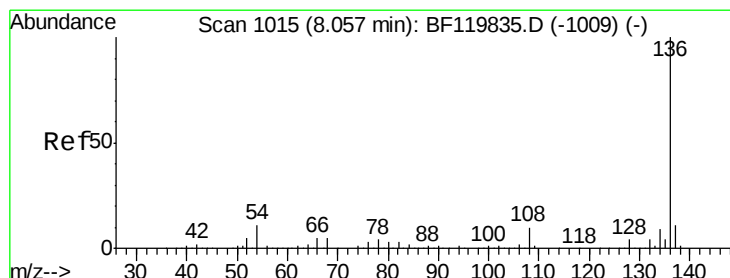
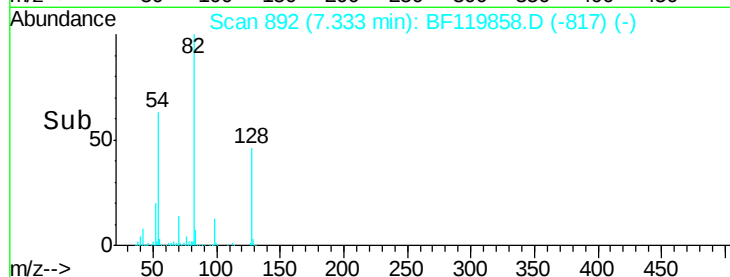
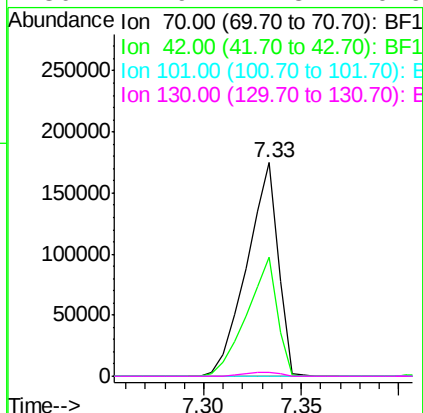
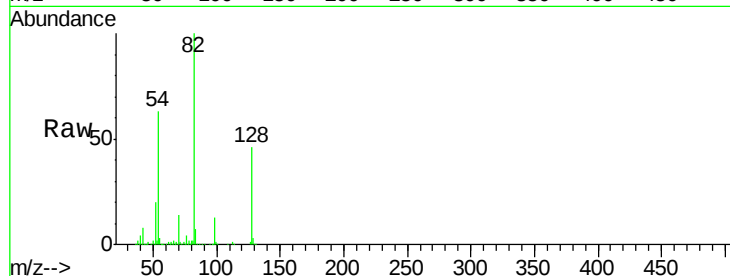




#19
 n-Nitroso-di-n-propylamine
 Concen: 22.677 ng
 RT: 7.33 min Scan# 892
 Delta R.T. 0.14 min
 Lab File: BF119858.D
 Acq: 9 Apr 2020 7:11

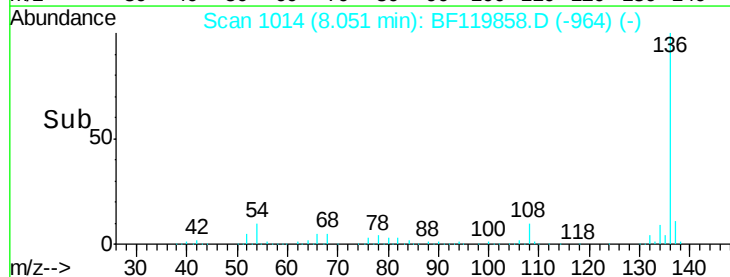
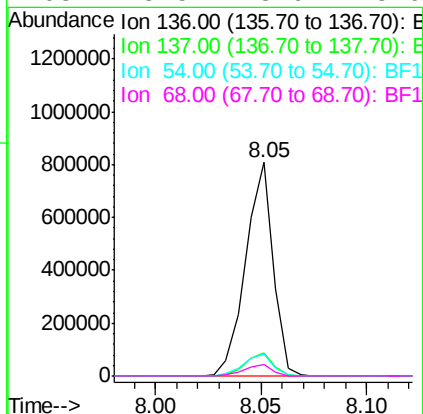
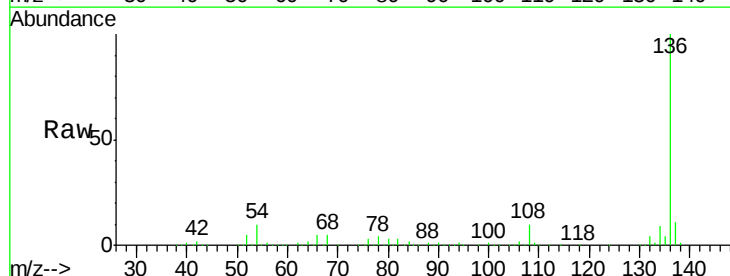
Instrument :
 BNA_F
 ClientSampleId :

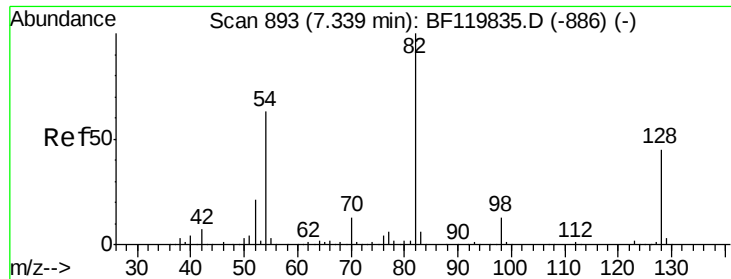
Tot Ion: 70 Resp: 193989
 Ion Ratio Lower Upper
 70 100
 42 55.5 54.2 81.4
 101 0.0 7.4 11.2#
 130 1.9 17.8 26.6#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF119858.D
 Acq: 9 Apr 2020 7:11

Tgt Ion:136 Resp: 731045
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.7 13.1
 54 10.5 8.5 12.7
 68 5.5 3.9 5.9

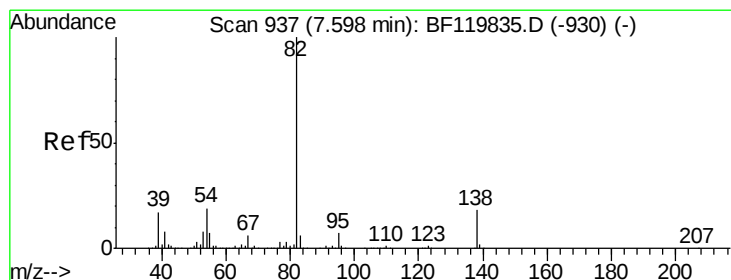
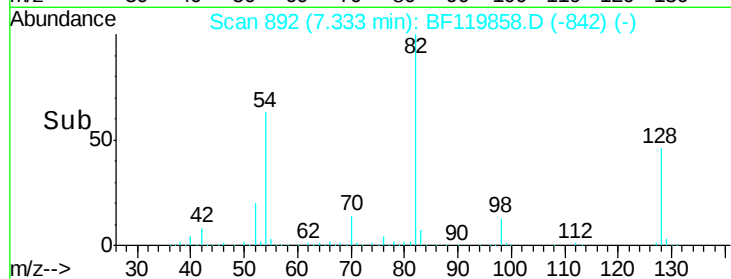
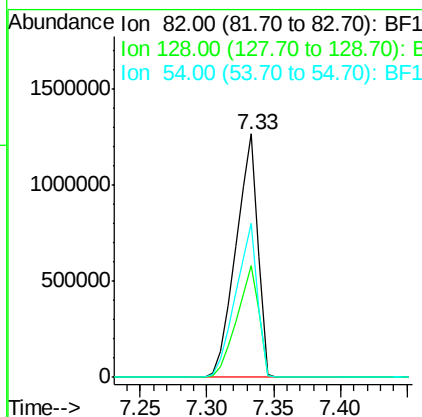
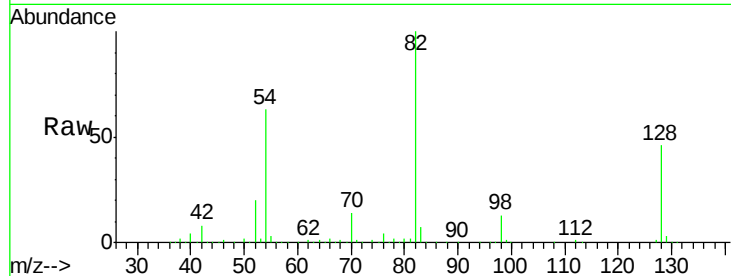




#23
 Nitrobenzene-d5
 Concen: 102.897 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF119858.D
 Acq: 9 Apr 2020 7:11

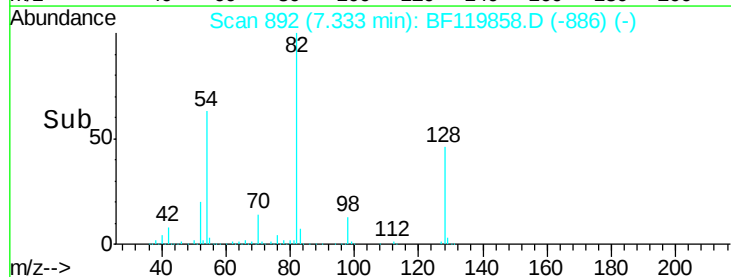
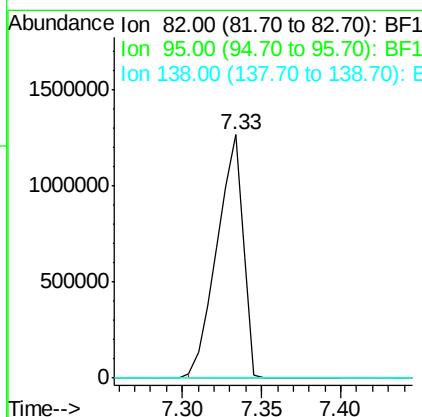
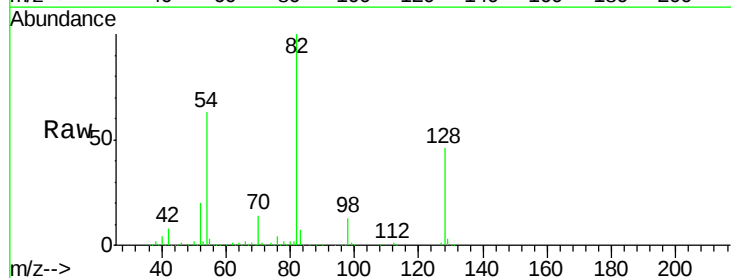
Instrument :
 BNA_F
 ClientSampleId :

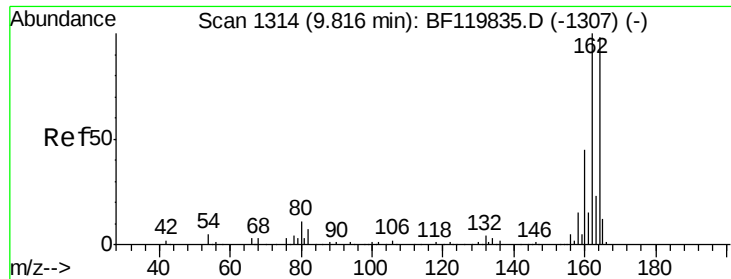
Tot Ion: 82 Resp: 1454035
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.2 54.4
 54 63.3 50.4 75.6



#25
 Isophorone
 Concen: 52.983 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF119858.D
 Acq: 9 Apr 2020 7:11

Tgt Ion: 82 Resp: 1443282
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 14.5 21.7#

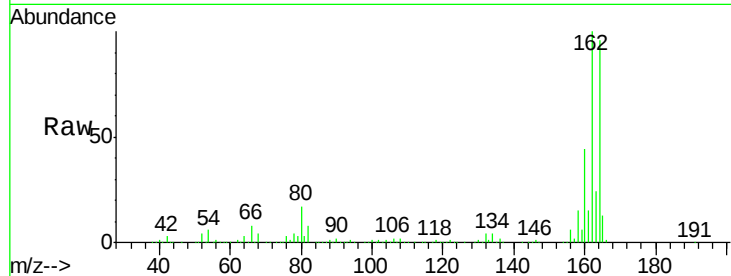




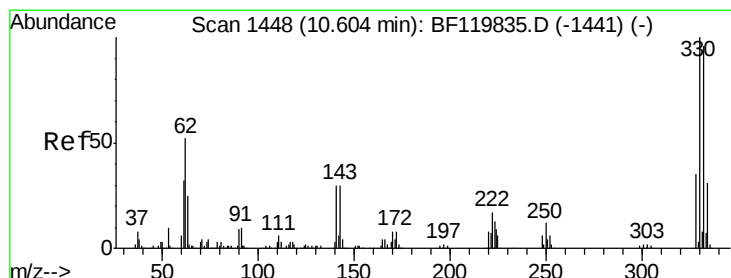
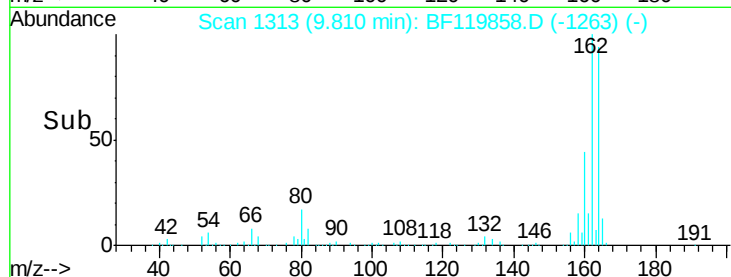
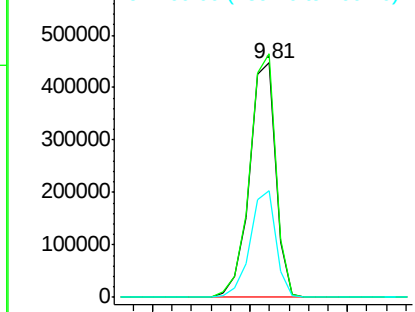
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119858.D
 Acq: 9 Apr 2020 7:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.9	122.9
160	45.6	36.6	54.8

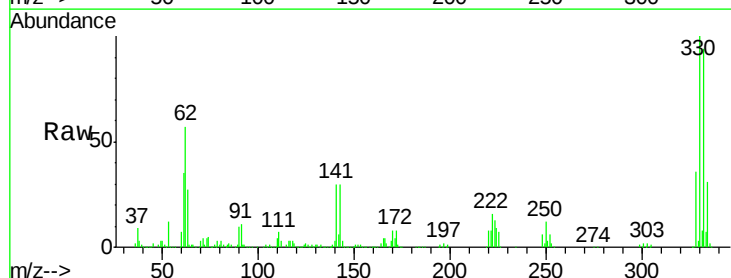


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

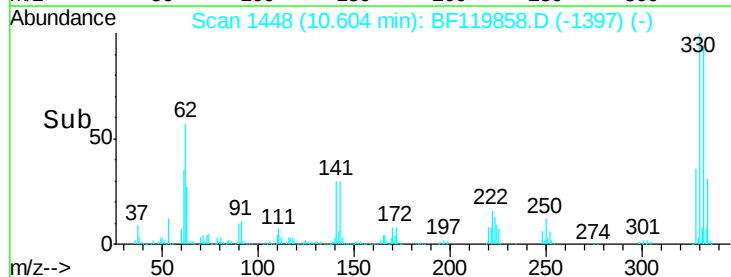
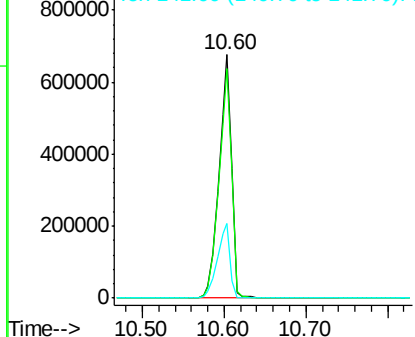


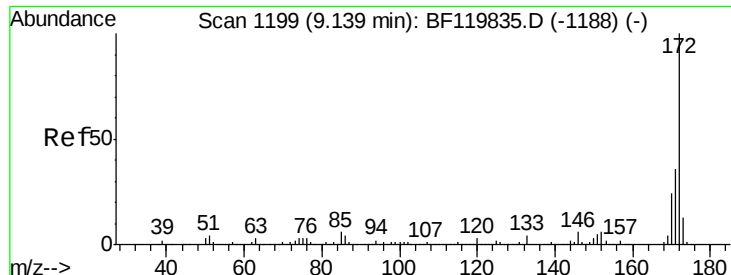
#42
 2,4,6-Tribromophenol
 Concen: 141.084 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119858.D
 Acq: 9 Apr 2020 7:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	31.1	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

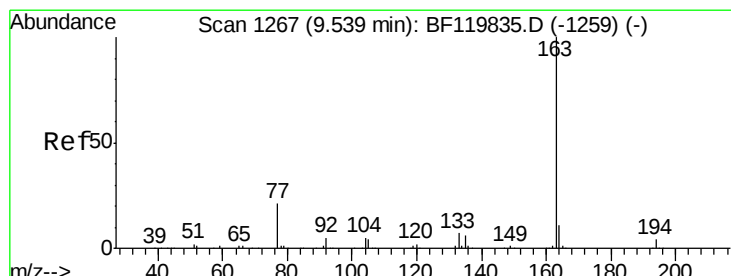
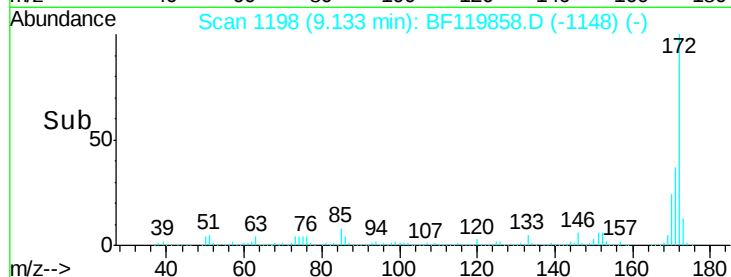
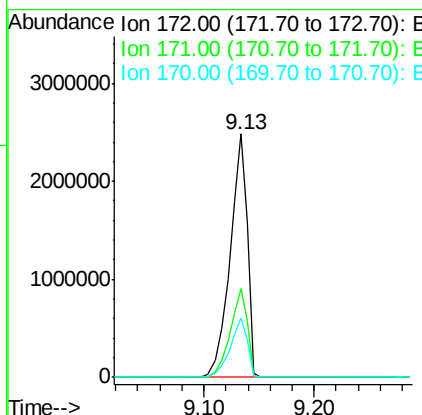
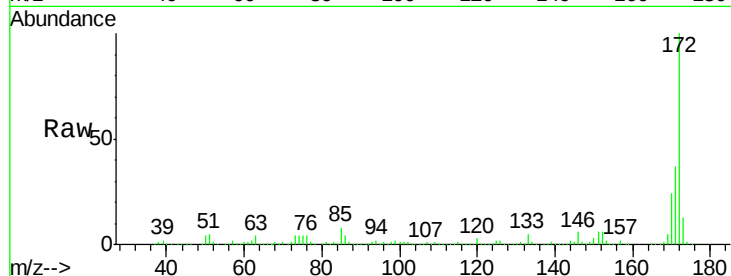




#45
2-Fluorobiphenyl
Concen: 91.271 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119858.D
Acq: 9 Apr 2020 7:11

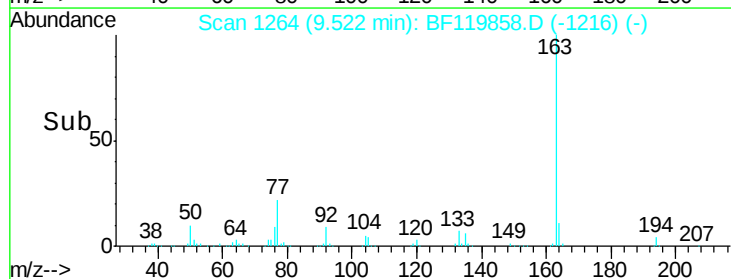
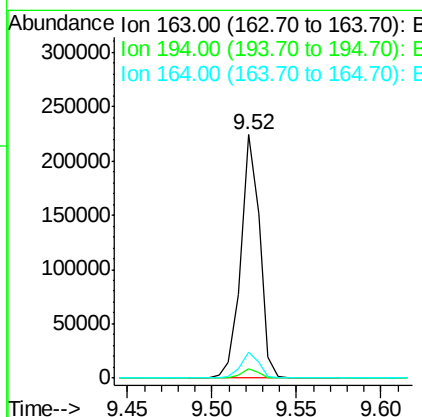
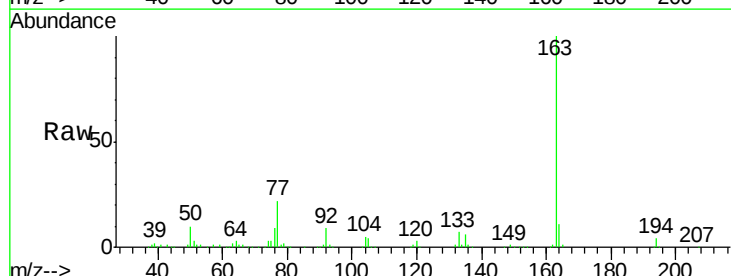
Instrument :
BNA_F
ClientSampleId :

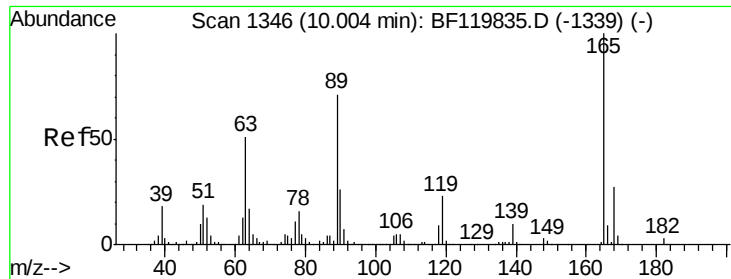
Tot Ion:172 Resp: 2696461
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.4 19.4 29.2



#50
Dimethylphthalate
Concen: 5.358 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF119858.D
Acq: 9 Apr 2020 7:11

Tgt Ion:163 Resp: 173833
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.6 8.4 12.6

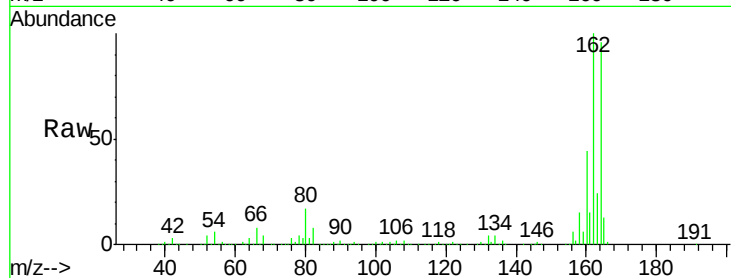




#57
 2,4-Dinitrotoluene
 Concen: 5.885 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF119858.D
 Acq: 9 Apr 2020 7:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	165	Resp	55087
Ion Ratio	100	Lower	Upper
63	1.6	40.8	61.2#
89	1.2	56.9	85.3#
182	0.0	2.0	3.0#

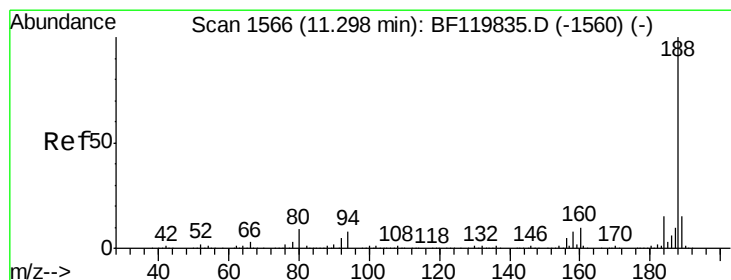
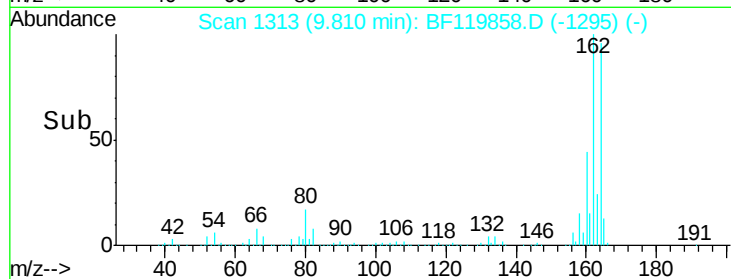
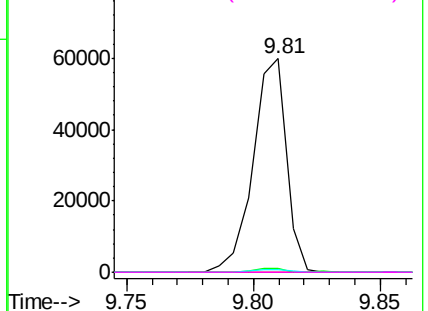


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

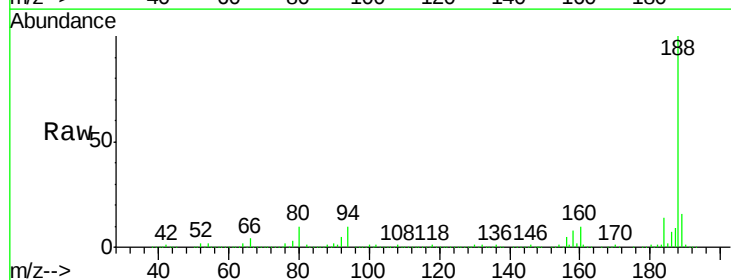
Ion 89.00 (88.70 to 89.70): BF1

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: BF119858.D
 Acq: 9 Apr 2020 7:11

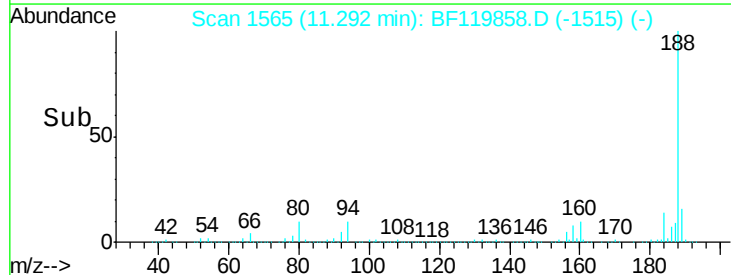
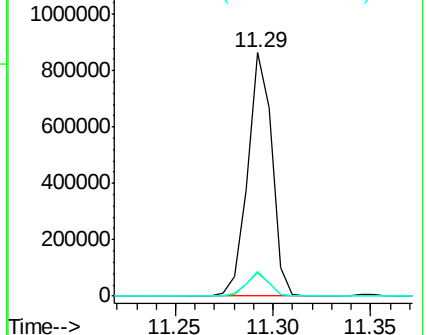
Tgt Ion	188	Resp	739056
Ion Ratio	100	Lower	Upper
94	9.6	6.7	10.1
80	10.0	7.4	11.2

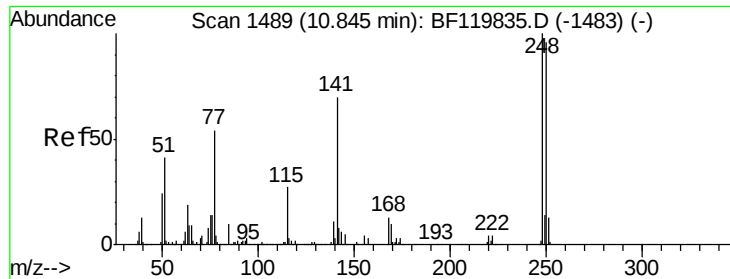


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

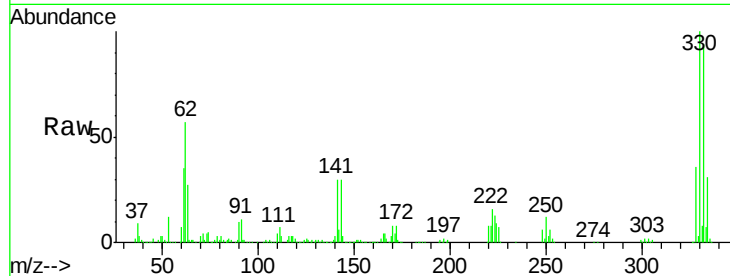




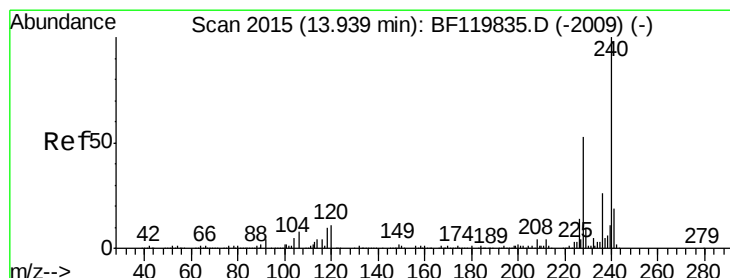
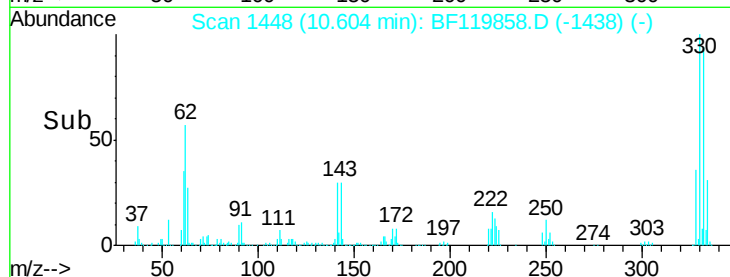
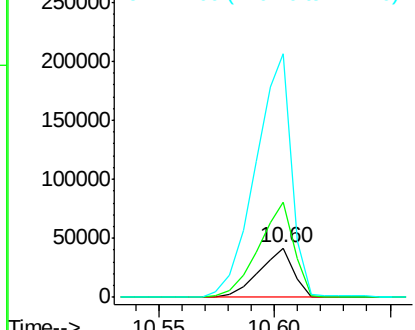
#67
 4-Bromophenyl-phenylether
 Concen: 4.704 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF119858.D
 Acq: 9 Apr 2020 7:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 43234
 Ion Ratio Lower Upper
 248 100
 250 193.0 76.6 114.8#
 141 495.5 55.9 83.9#

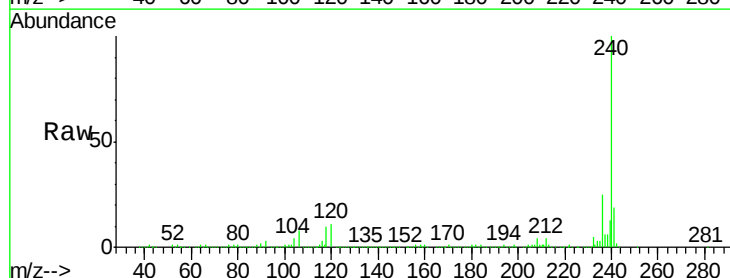


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

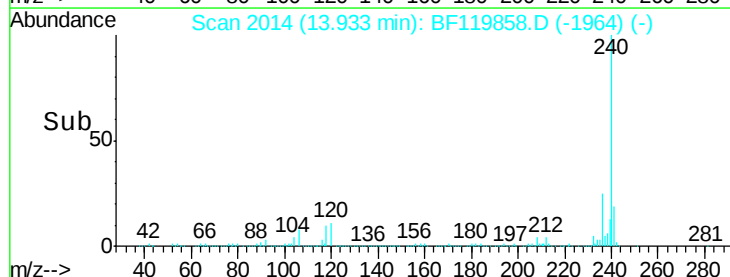
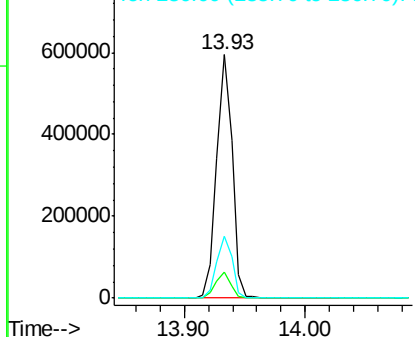


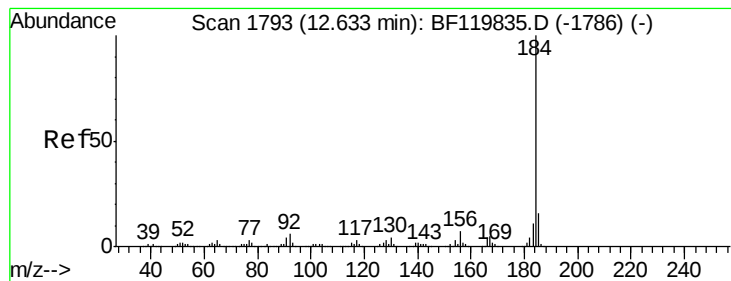
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119858.D
 Acq: 9 Apr 2020 7:11

Tgt Ion:240 Resp: 524598
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.0 13.6
 236 25.4 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: 2.162 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.26 min

Lab File: BF119858.D

Acq: 9 Apr 2020 7:11

Instrument :

BNA_F

ClientSampleId :

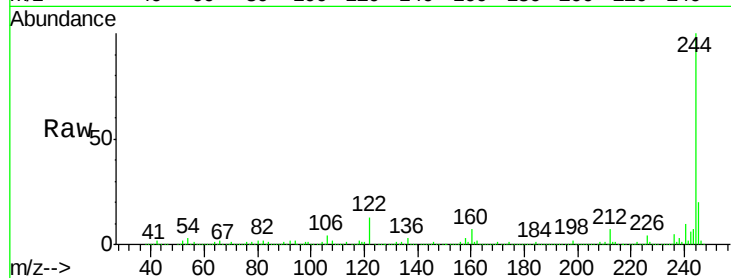
Tot Ion:184 Resp: 38332

Ion Ratio Lower Upper

184 100

185 14.7 13.2 19.8

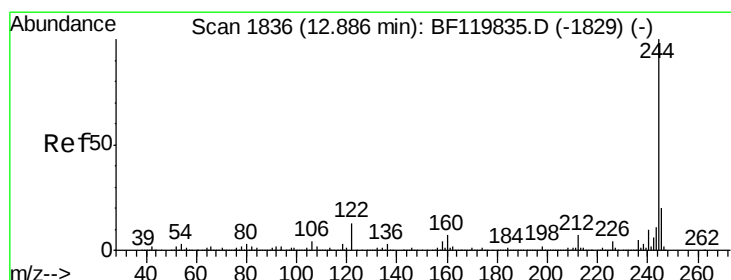
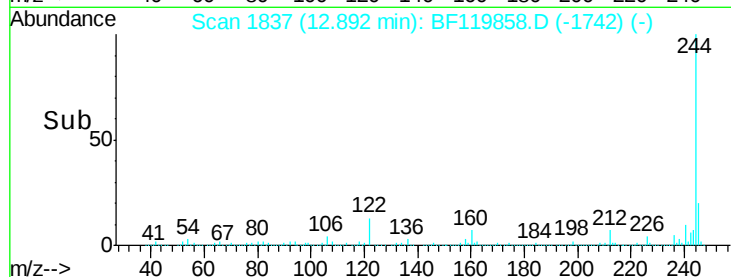
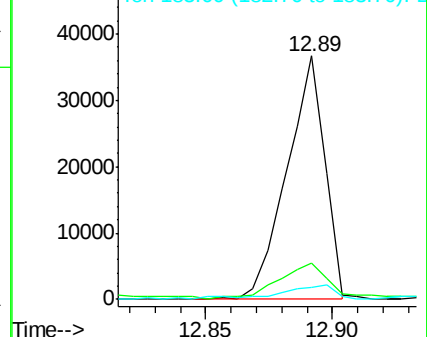
183 4.9 9.1 13.7#



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: 98.510 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119858.D

Acq: 9 Apr 2020 7:11

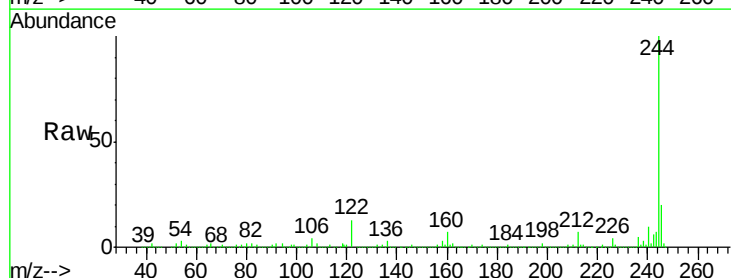
Tgt Ion:244 Resp: 3071232

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

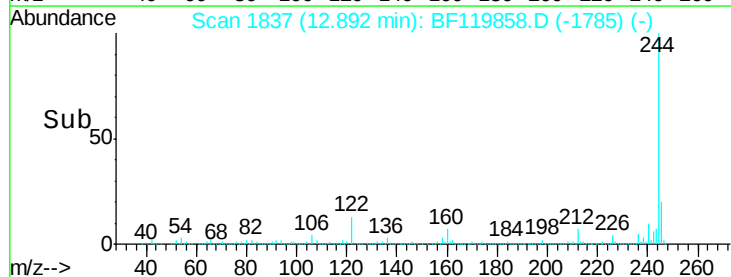
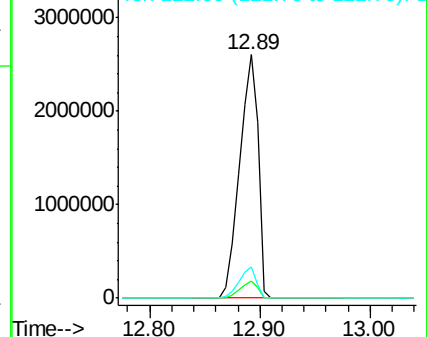
122 13.0 10.3 15.5

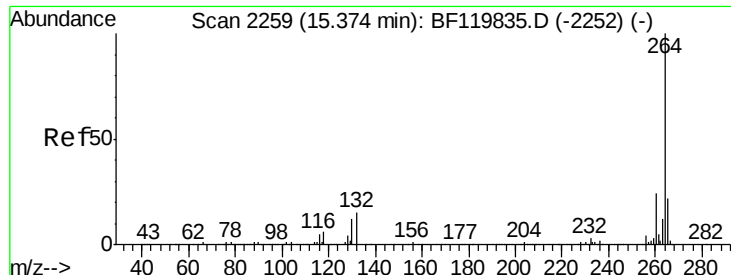


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

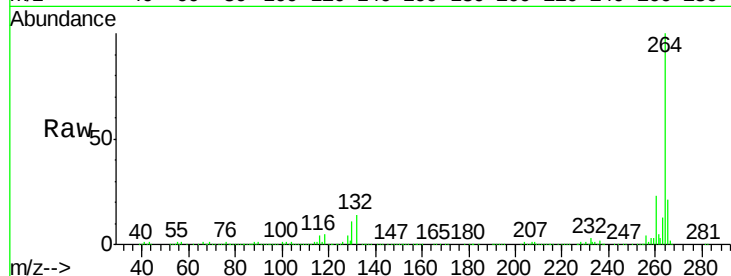




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BF119858.D
 Acq: 9 Apr 2020 7:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.3	28.9
265	21.3	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

