

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119857.D
 Acq On : 9 Apr 2020 6:44
 Operator : MA/SJ
 Sample : L2151-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 07:22:09 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

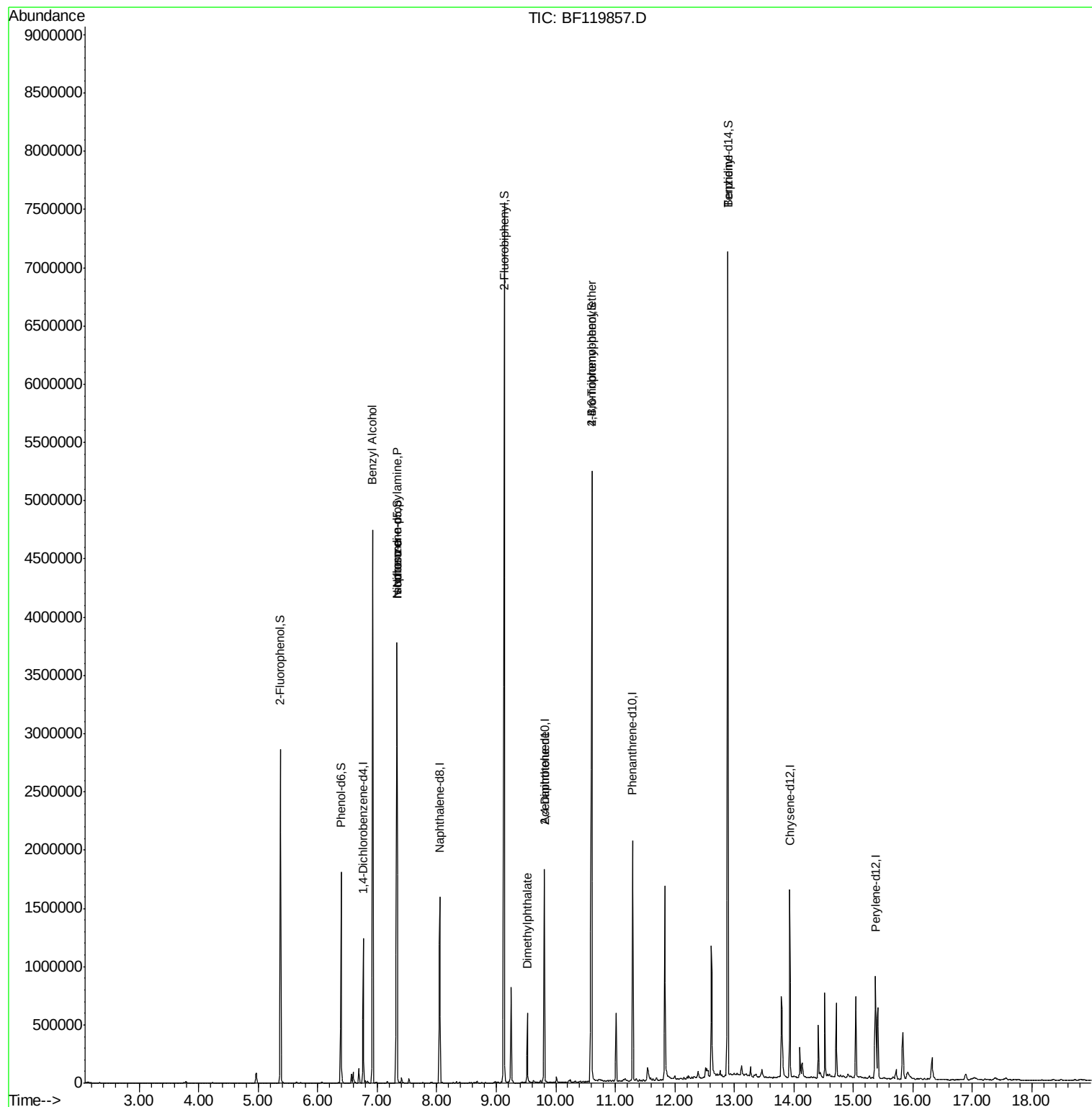
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	179869	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	700179	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	387433	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	754926	20.00	ng	0.00
76) Chrysene-d12	13.93	240	519308	20.00	ng	0.00
87) Perylene-d12	15.37	264	434534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	717639	68.95	ng	0.00
7) Phenol-d6	6.39	99	536387	40.00	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1365421	100.89	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	746844	157.45	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2793438	102.37	ng	0.00
79) Terphenyl-d14	12.89	244	2939291	95.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	658	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	6.92	79	21942	2.106 ng	#	55
19) n-Nitroso-di-n-propylamine	7.33	70	180926	20.979 ng	#	77
25) Isophorone	7.33	82	1356463	51.991 ng	#	65
50) Dimethylphthalate	9.52	163	220194	7.348 ng		100
57) 2,4-Dinitrotoluene	9.81	165	49891	5.770 ng	#	23
67) 4-Bromophenyl-phenylether	10.60	248	44528	4.743 ng	#	1
77) Benzidine	12.89	184	37263	2.123 ng	#	93

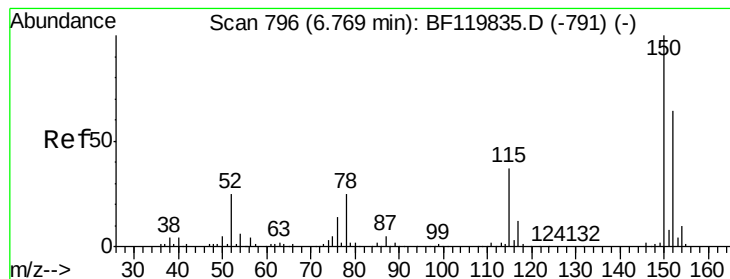
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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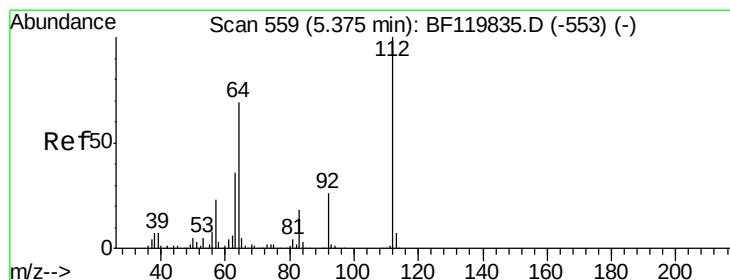
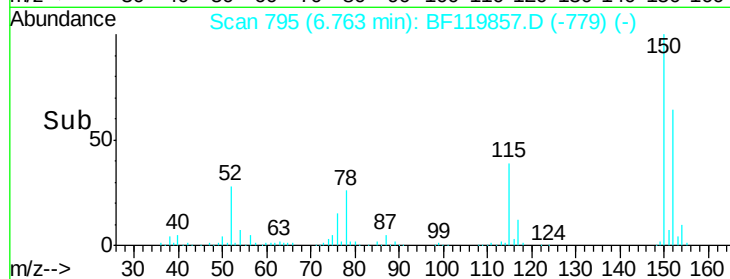
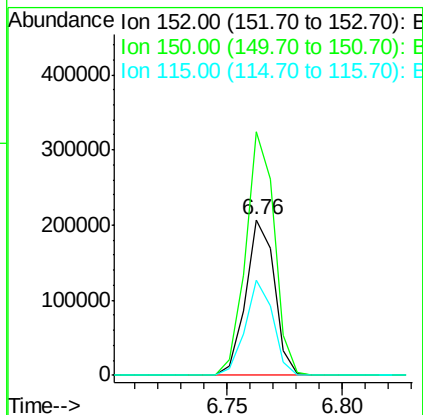
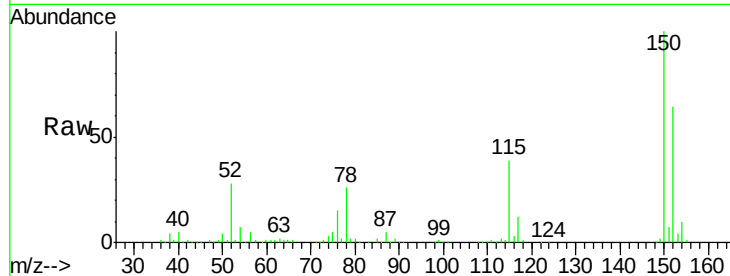


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119857.D
Acq: 9 Apr 2020 6:44

Instrument :
BNA_F
ClientSampleId :

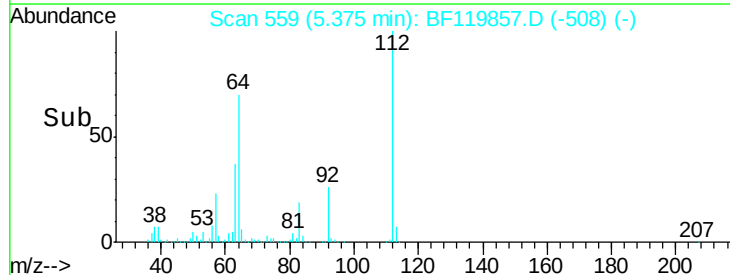
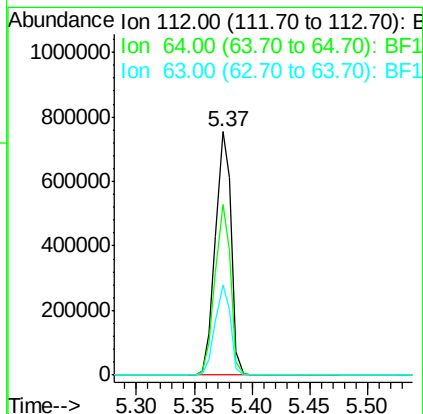
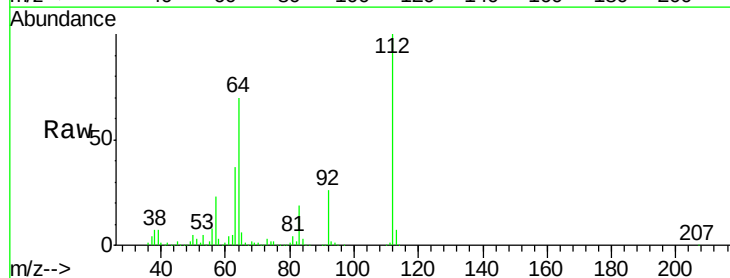
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.8	187.2
115	60.8	46.5	69.7

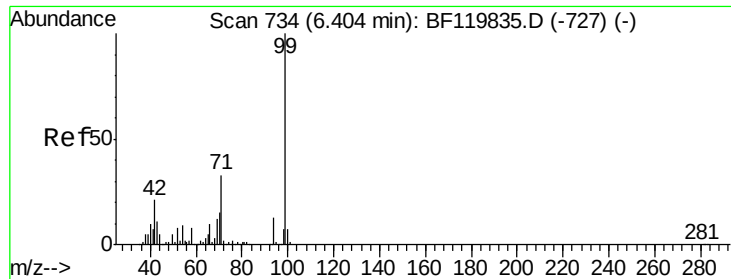


#5

2-Fluorophenol
Concen: 68.951 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119857.D
Acq: 9 Apr 2020 6:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	55.5	83.3
63	36.9	29.1	43.7





#7

Phenol-d6

Concen: 39.995 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119857.D

Acq: 9 Apr 2020 6:44

Instrument :

BNA_F

ClientSampleId :

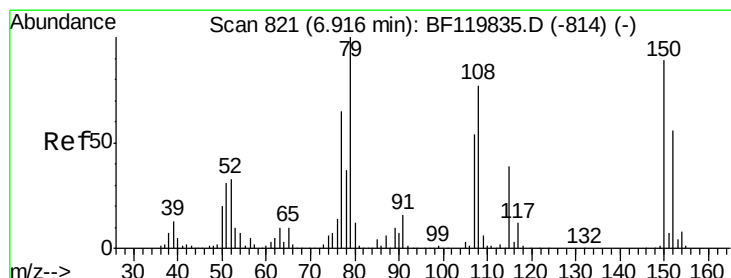
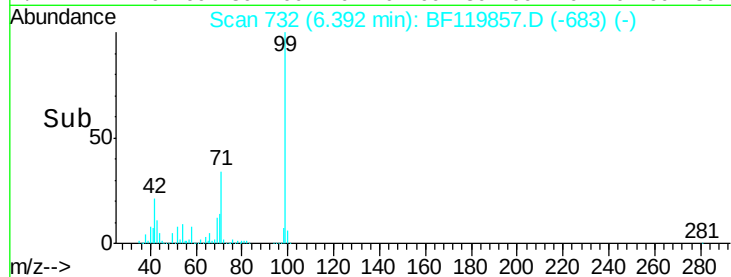
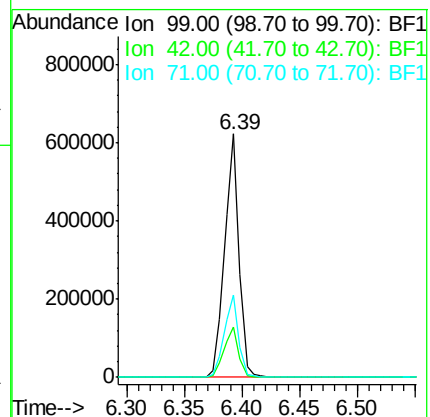
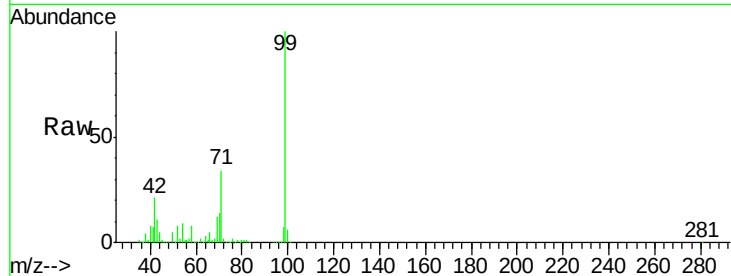
Tot Ion: 99 Resp: 536387

Ion Ratio Lower Upper

99 100

42 20.8 16.9 25.3

71 33.6 26.3 39.5



#15

Benzyl Alcohol

Concen: 2.106 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF119857.D

Acq: 9 Apr 2020 6:44

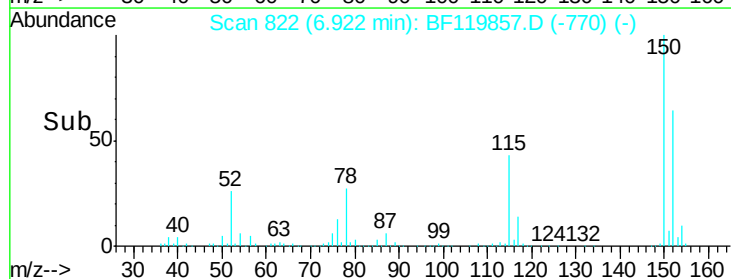
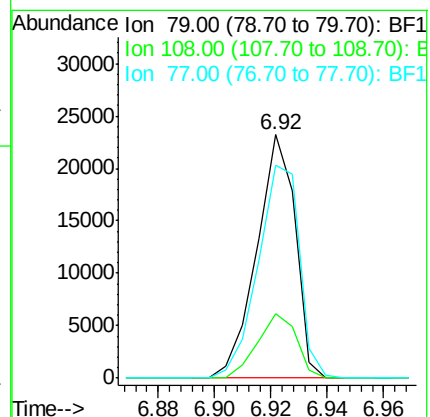
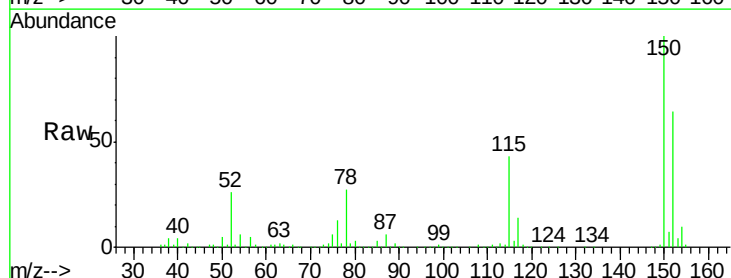
Tgt Ion: 79 Resp: 21942

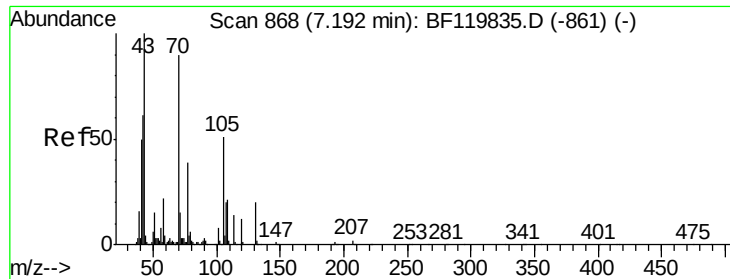
Ion Ratio Lower Upper

79 100

108 26.7 62.0 93.0#

77 87.7 51.8 77.6#

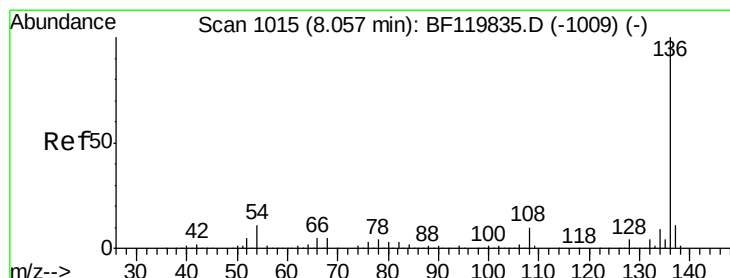
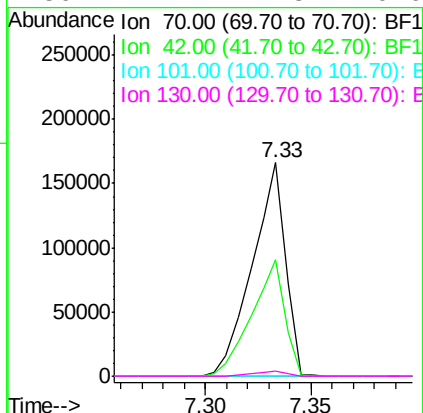
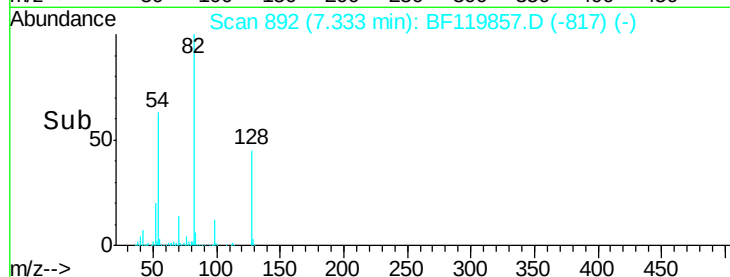
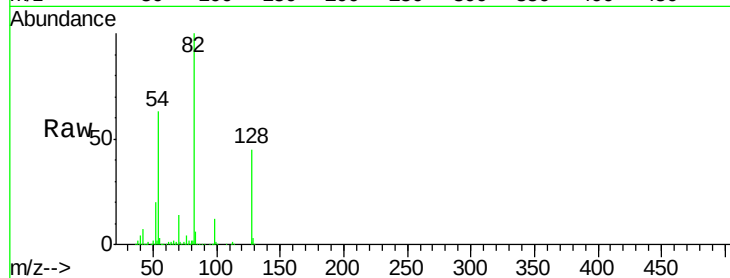




#19
 n-Nitroso-di-n-propylamine
 Concen: 20.979 ng
 RT: 7.33 min Scan# 892
 Delta R.T. 0.14 min
 Lab File: BF119857.D
 Acq: 9 Apr 2020 6:44

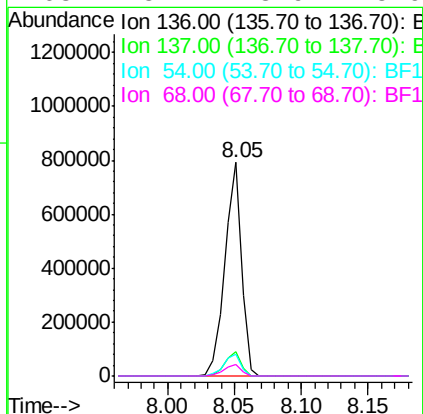
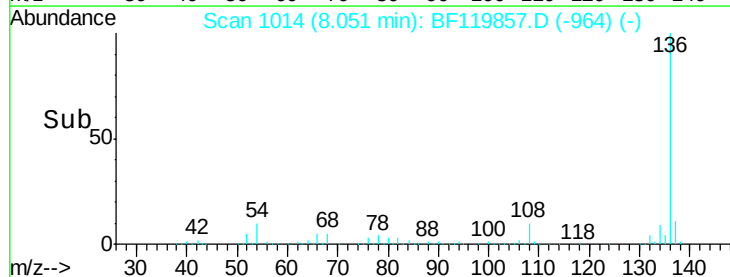
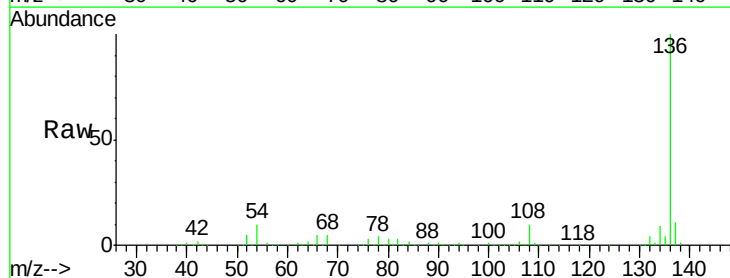
Instrument :
 BNA_F
 ClientSampled :

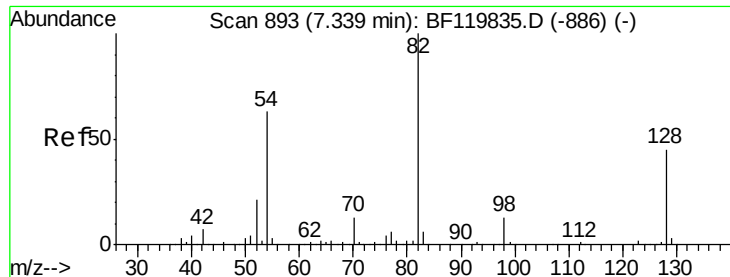
Tot Ion: 70 Resp: 180926
 Ion Ratio Lower Upper
 70 100
 42 54.3 54.2 81.4
 101 0.0 7.4 11.2#
 130 2.2 17.8 26.6#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF119857.D
 Acq: 9 Apr 2020 6:44

Tgt Ion: 136 Resp: 700179
 Ion Ratio Lower Upper
 136 100
 137 11.2 8.7 13.1
 54 10.2 8.5 12.7
 68 5.2 3.9 5.9

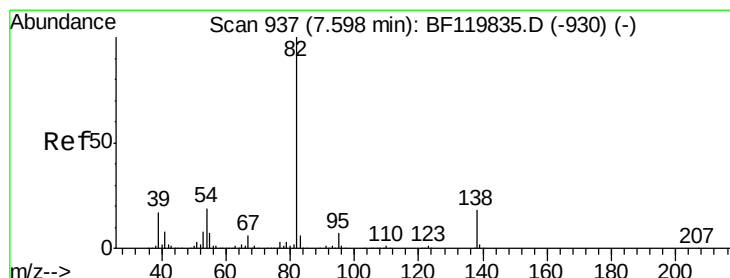
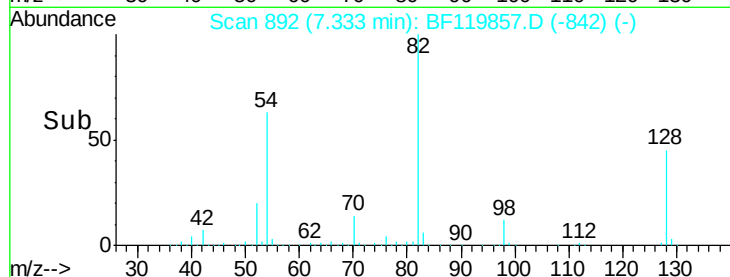
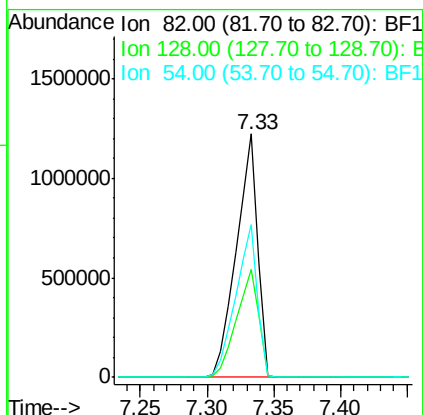
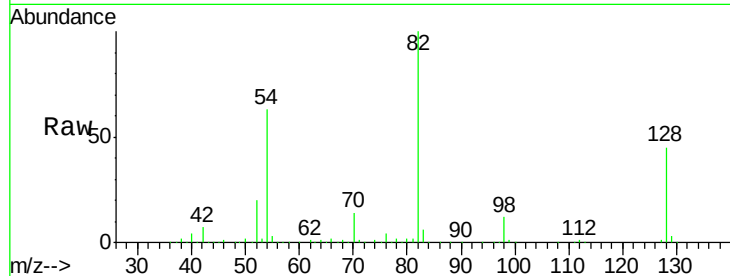




#23
Nitrobenzene-d5
Concen: 100.886 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119857.D
Acq: 9 Apr 2020 6:44

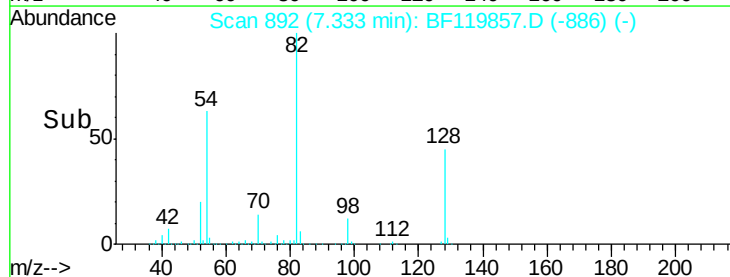
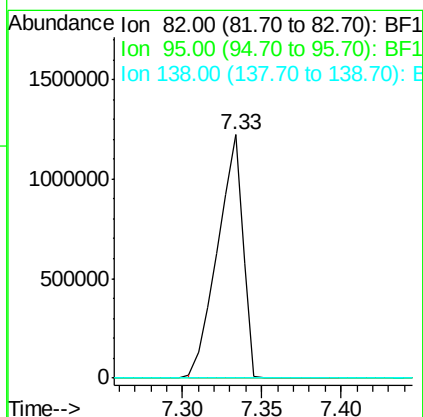
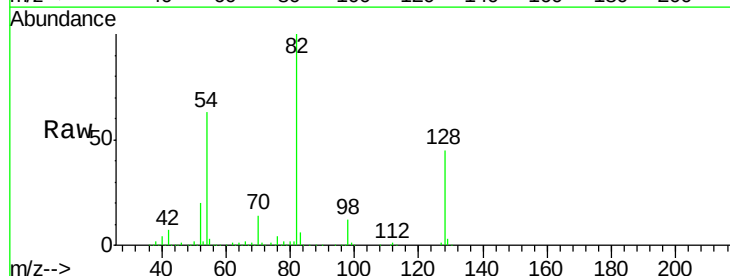
Instrument :
BNA_F
ClientSampleId :

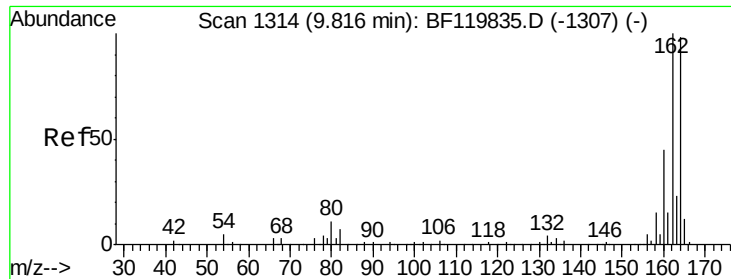
Tot Ion: 82 Resp: 1365421
Ion Ratio Lower Upper
82 100
128 44.6 36.2 54.4
54 62.9 50.4 75.6



#25
Isophorone
Concen: 51.991 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF119857.D
Acq: 9 Apr 2020 6:44

Tgt Ion: 82 Resp: 1356463
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.5 21.7#

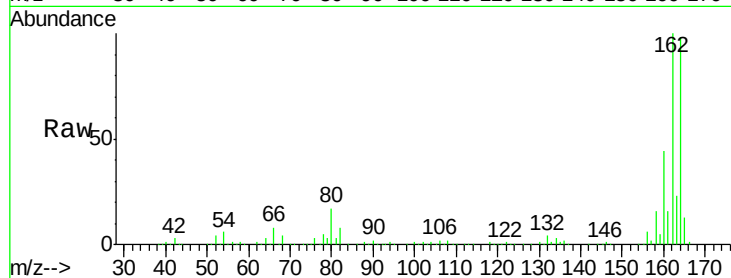




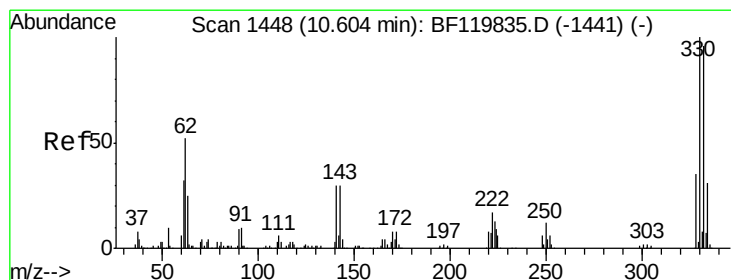
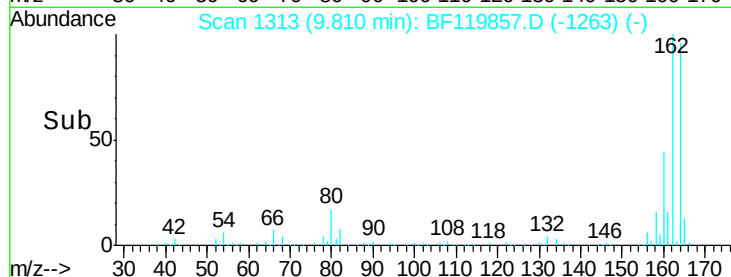
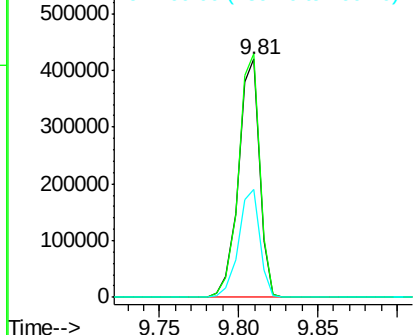
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119857.D
Acq: 9 Apr 2020 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 387433
Ion Ratio Lower Upper
164 100
162 102.3 81.9 122.9
160 45.3 36.6 54.8

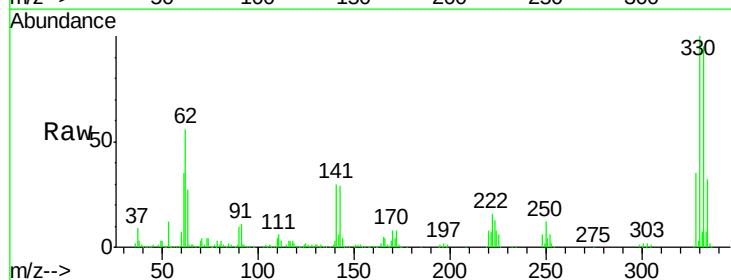


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

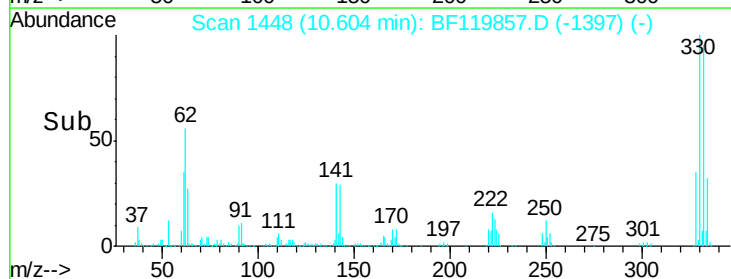
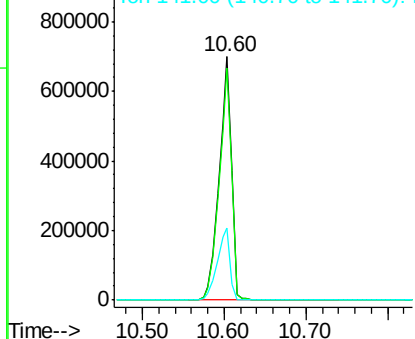


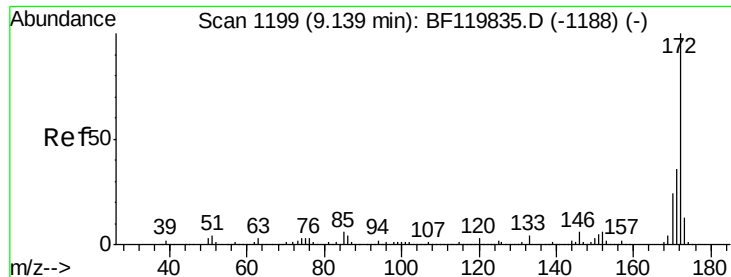
#42
2,4,6-Tribromophenol
Concen: 157.446 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF119857.D
Acq: 9 Apr 2020 6:44

Tgt Ion:330 Resp: 746844
Ion Ratio Lower Upper
330 100
332 95.3 76.8 115.2
141 30.3 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

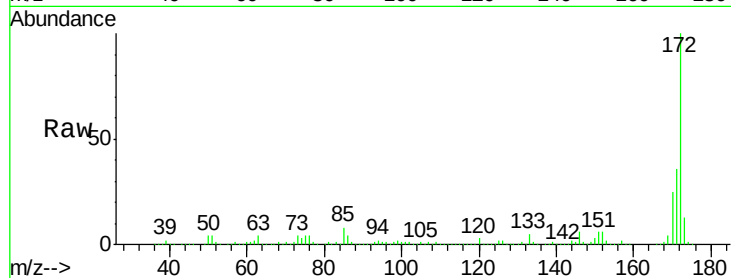




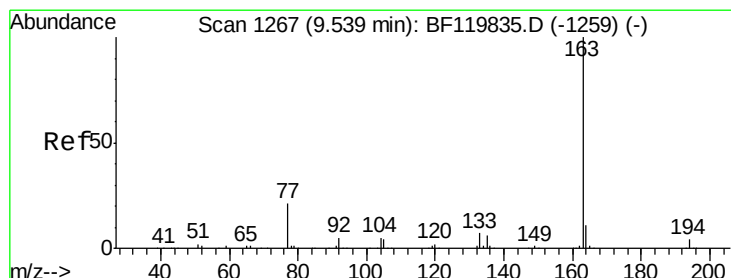
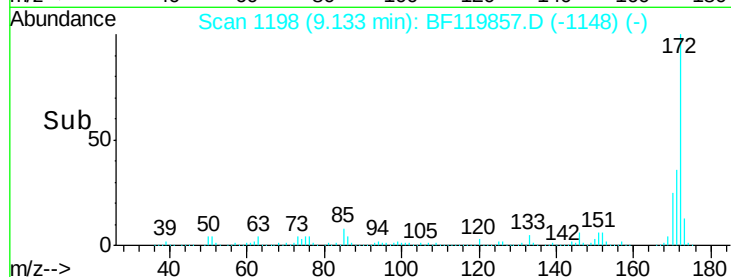
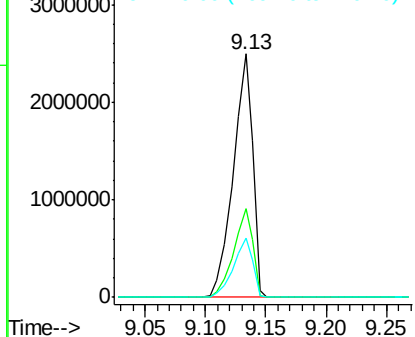
#45
2-Fluorobiphenyl
Concen: 102.368 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119857.D
Acq: 9 Apr 2020 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2793438
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 24.5 19.4 29.2

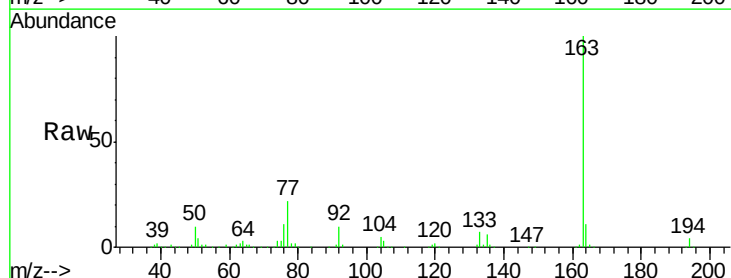


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

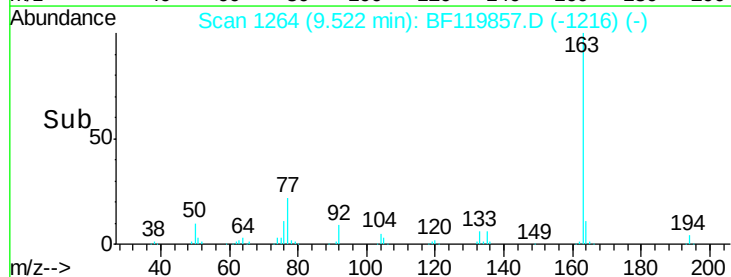
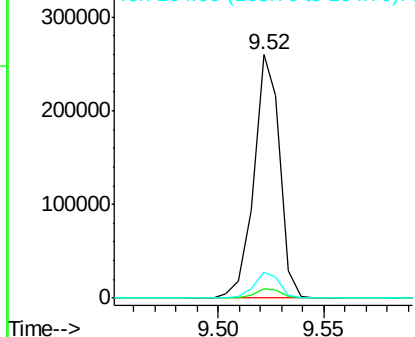


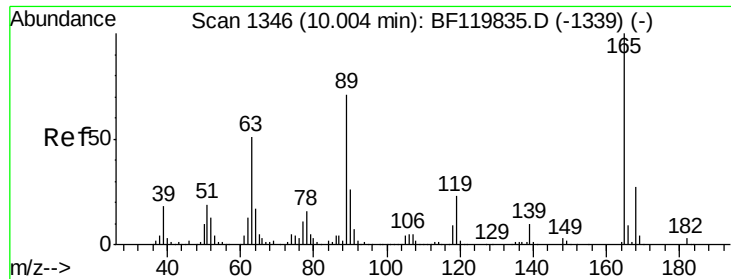
#50
Dimethylphthalate
Concen: 7.348 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF119857.D
Acq: 9 Apr 2020 6:44

Tgt Ion:163 Resp: 220194
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.7 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

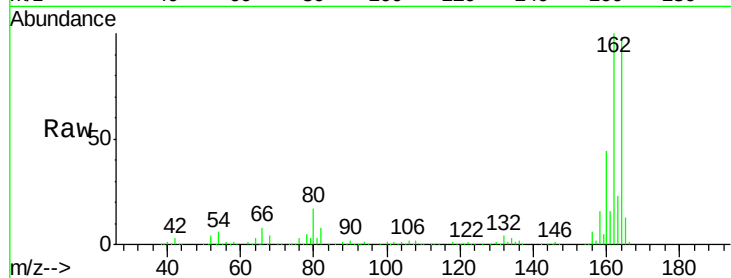




#57
 2,4-Dinitrotoluene
 Concen: 5.770 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF119857.D
 Acq: 9 Apr 2020 6:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.8	61.2#
89	1.6	56.9	85.3#
182	0.0	2.0	3.0#

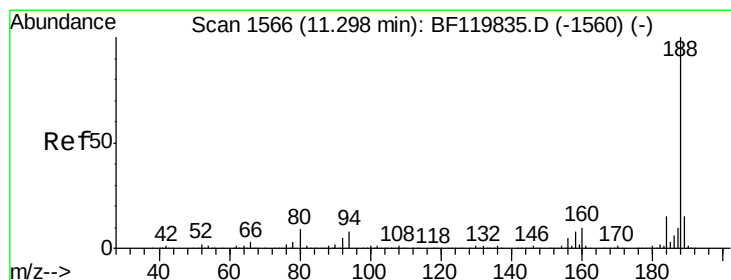
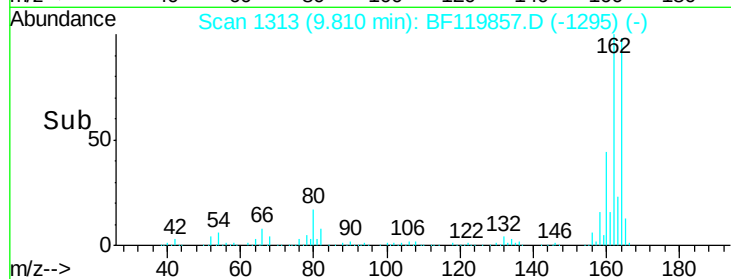
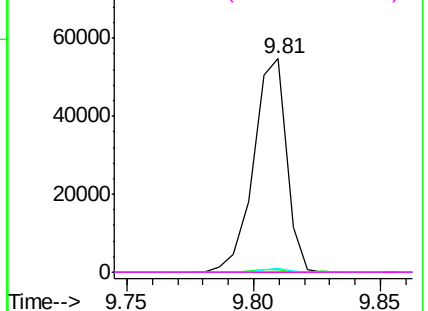


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

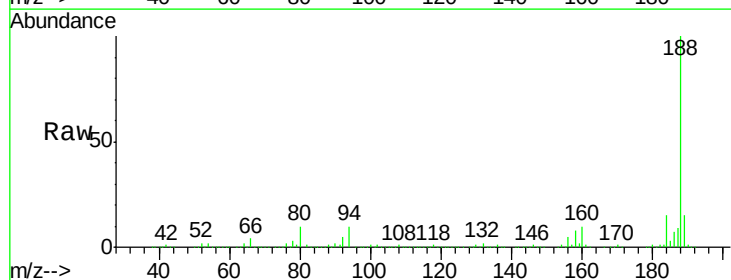
Ion 89.00 (88.70 to 89.70): BF1

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: BF119857.D
 Acq: 9 Apr 2020 6:44

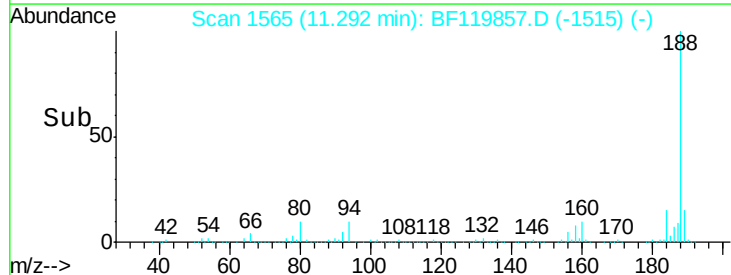
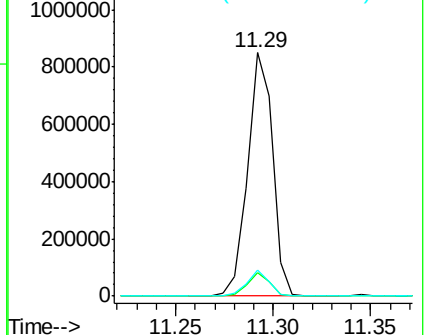
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.7	10.1
80	10.5	7.4	11.2

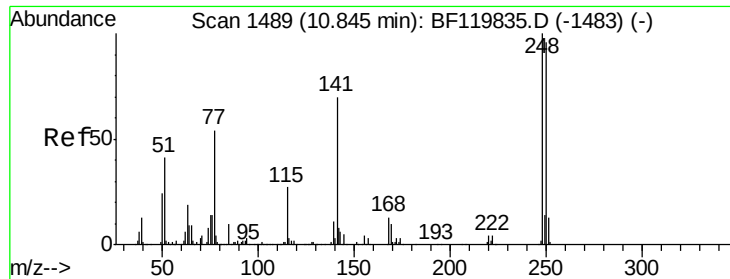


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 4.743 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.24 min

Lab File: BF119857.D

Acq: 9 Apr 2020 6:44

Instrument :

BNA_F

ClientSampled :

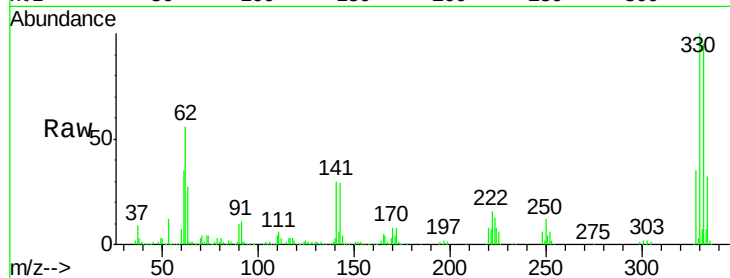
Tot Ion:248 Resp: 44528

Ion Ratio Lower Upper

248 100

250 188.2 76.6 114.8#

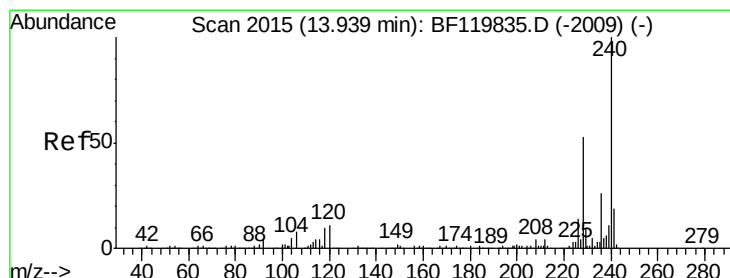
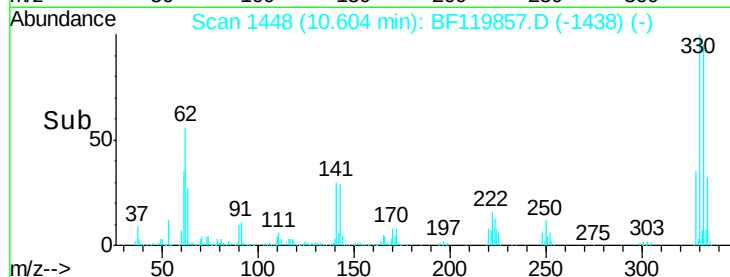
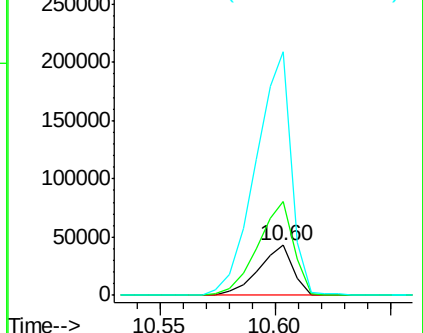
141 485.7 55.9 83.9#



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: BF119857.D

Acq: 9 Apr 2020 6:44

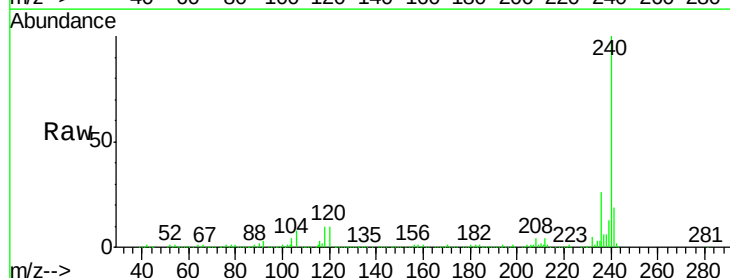
Tgt Ion:240 Resp: 519308

Ion Ratio Lower Upper

240 100

120 10.1 9.0 13.6

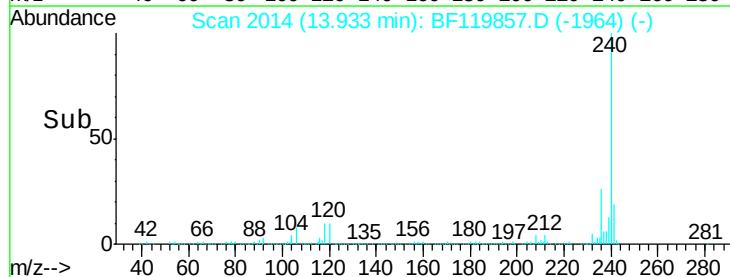
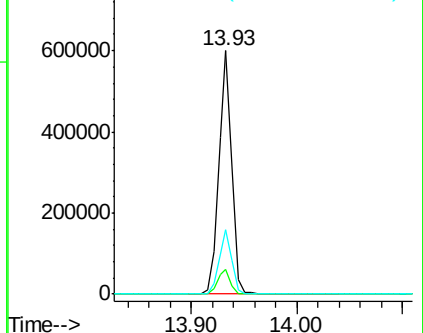
236 26.3 20.7 31.1

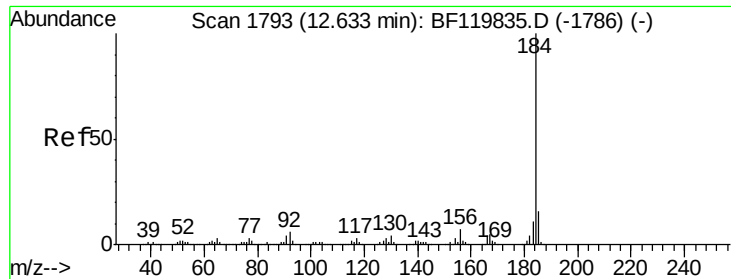


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.123 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.26 min

Lab File: BF119857.D

Acq: 9 Apr 2020 6:44

Instrument :

BNA_F

ClientSampleId :

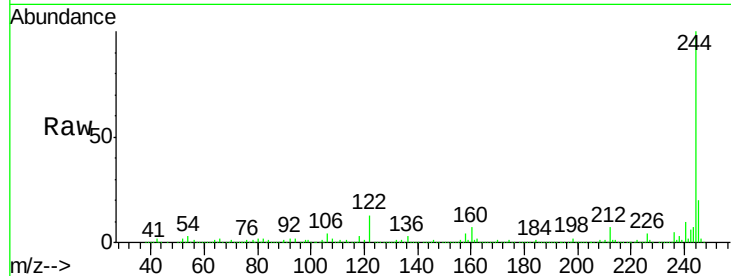
Tot Ion:184 Resp: 37263

Ion Ratio Lower Upper

184 100

185 15.5 13.2 19.8

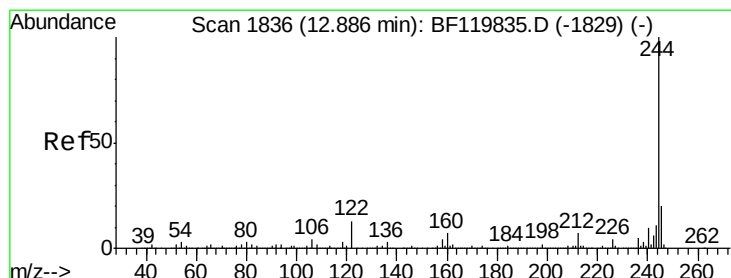
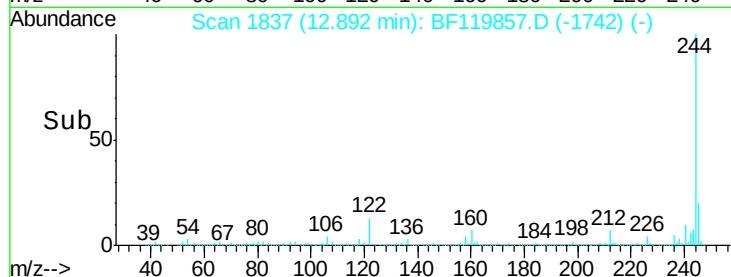
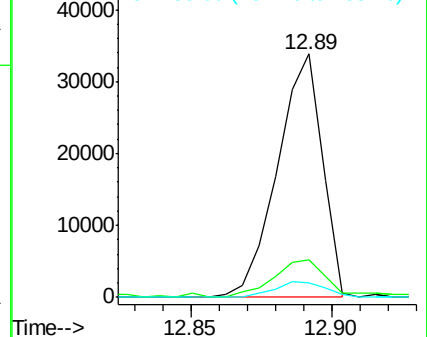
183 6.1 9.1 13.7#



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: 95.238 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119857.D

Acq: 9 Apr 2020 6:44

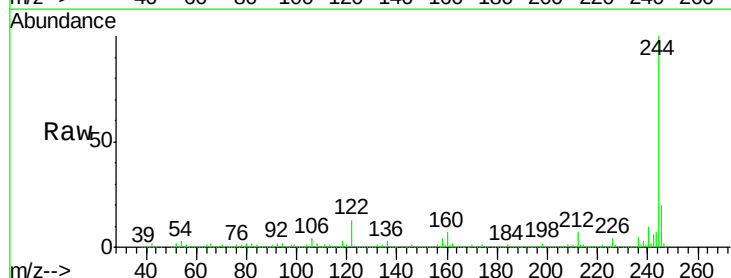
Tgt Ion:244 Resp: 2939291

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

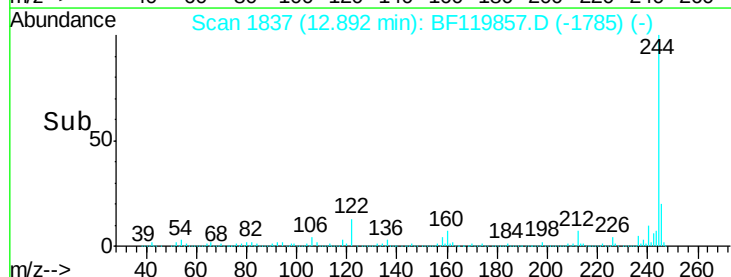
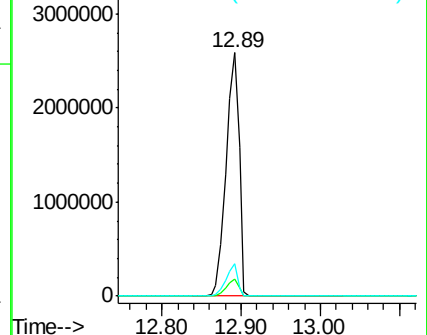
122 13.3 10.3 15.5

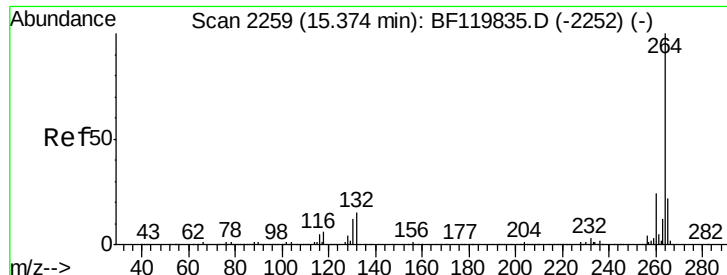


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

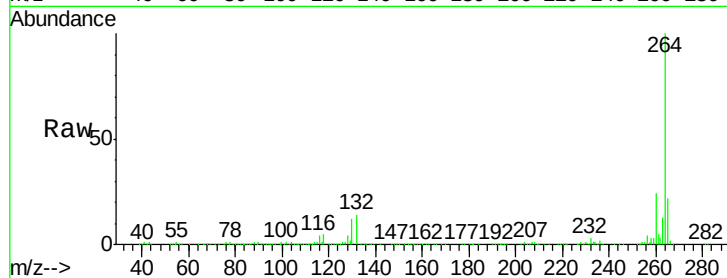




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BF119857.D
 Acq: 9 Apr 2020 6:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.6	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

