

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118859.D
 Acq On : 7 Feb 2020 19:13
 Operator : CG/JU
 Sample : L1431-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 03:38:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

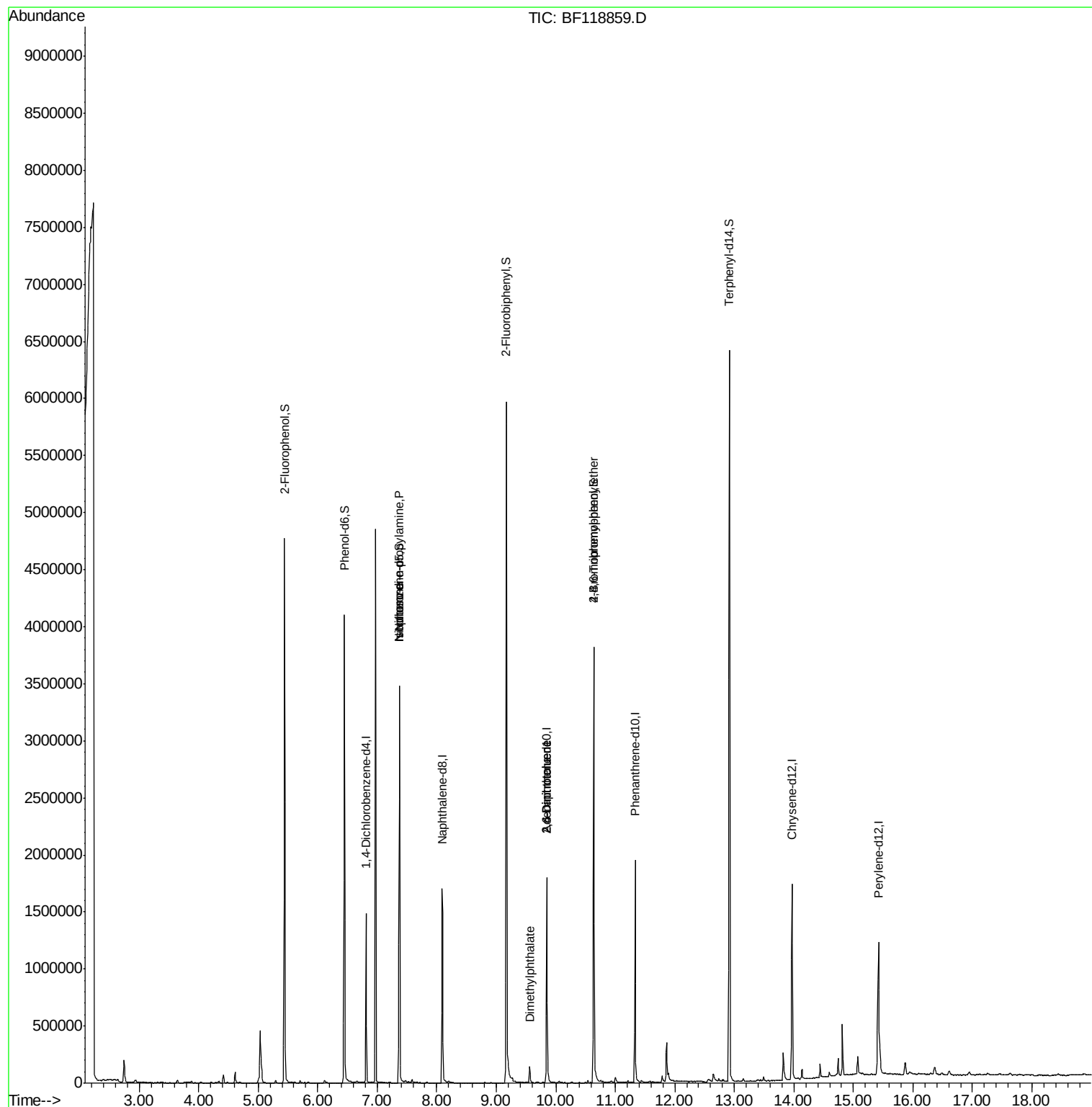
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	220271	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	815580	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	442064	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	753703	20.00	ng	0.00
76) Chrysene-d12	13.97	240	618963	20.00	ng	-0.01
87) Perylene-d12	15.42	264	715847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1380018	118.59	ng	0.01
7) Phenol-d6	6.45	99	1505615	104.23	ng	0.00
23) Nitrobenzene-d5	7.37	82	1167037	85.29	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	606200	114.61	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2342218	94.72	ng	0.00
79) Terphenyl-d14	12.92	244	2447229	81.21	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.36	77	116	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	160821	18.196	ng	# 76
25) Isophorone	7.37	82	1167201	47.464	ng	# 63
50) Dimethylphthalate	9.56	163	70043	2.327	ng	98
51) 2,6-Dinitrotoluene	9.85	165	56726	8.236	ng	# 31
57) 2,4-Dinitrotoluene	9.85	165	56983	6.252	ng	# 34
67) 4-Bromophenyl-phenylether	10.64	248	37947	4.256	ng	# 1

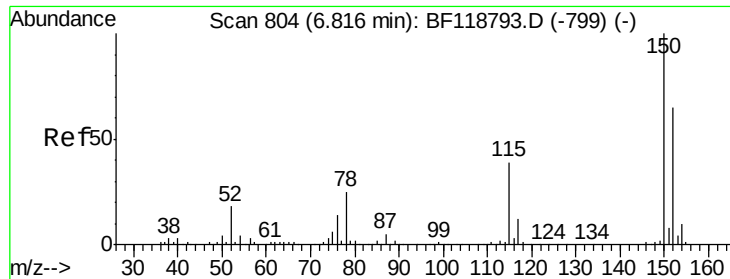
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Feb 08 03:38:27 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

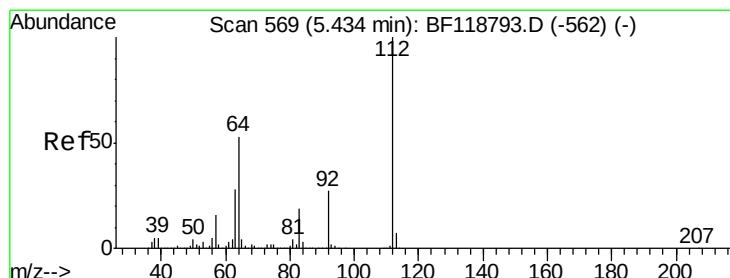
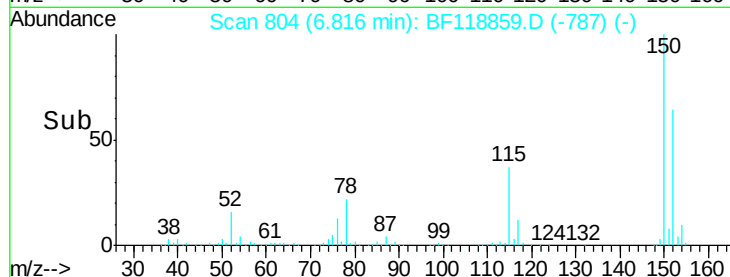
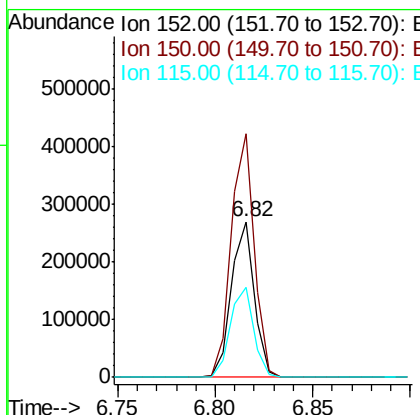
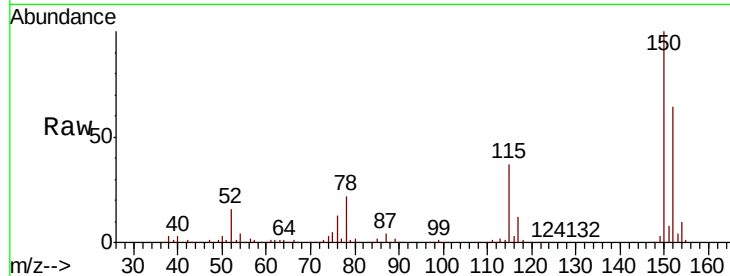




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF118859.D
 Acq: 7 Feb 2020 19:13

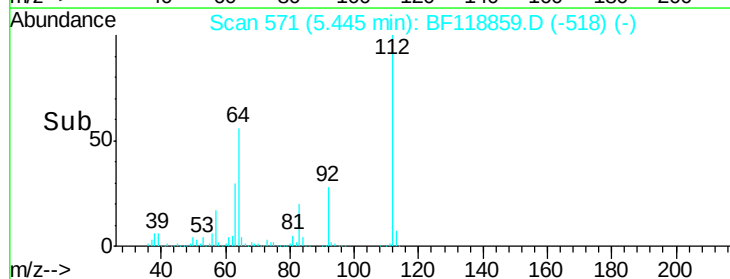
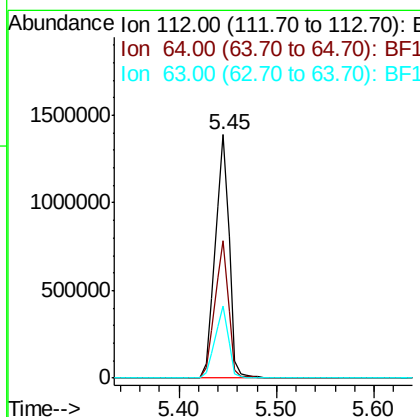
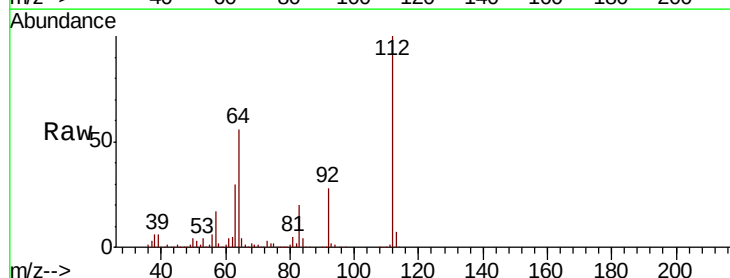
Instrument :
 BNA_F
 ClientSampleId :

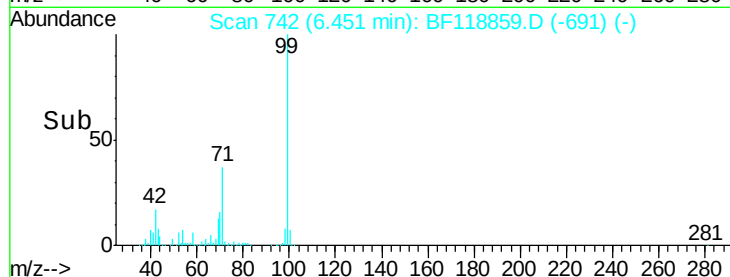
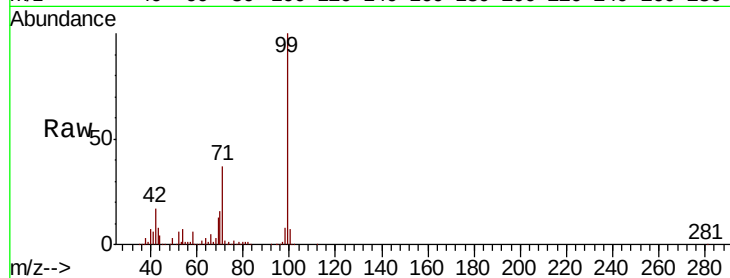
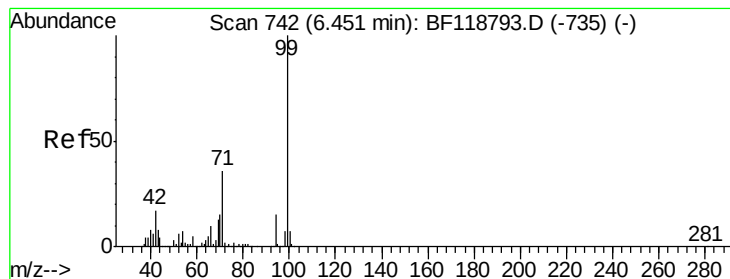
Tot Ion:152 Resp: 220271
 Ion Ratio Lower Upper
 152 100
 150 156.3 123.6 185.4
 115 58.1 48.2 72.2



#5
 2-Fluorophenol
 Concen: 118.594 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF118859.D
 Acq: 7 Feb 2020 19:13

Tgt Ion:112 Resp: 1380018
 Ion Ratio Lower Upper
 112 100
 64 56.4 42.6 63.8
 63 29.8 22.2 33.4





#7

Phenol-d6

Concen: 104.230 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118859.D

Acq: 7 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

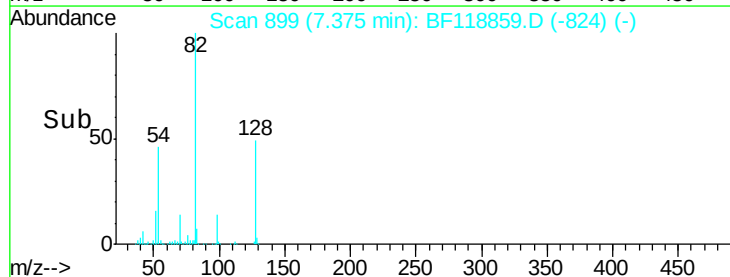
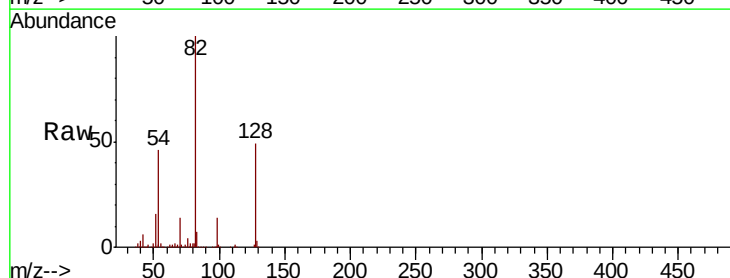
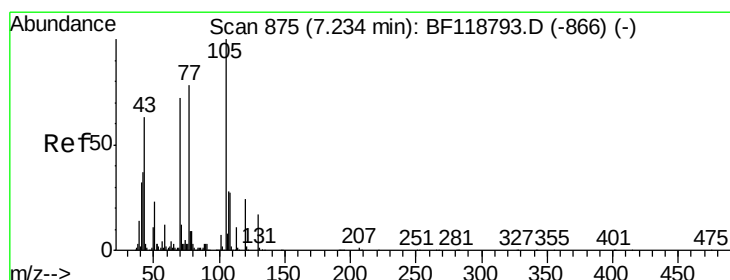
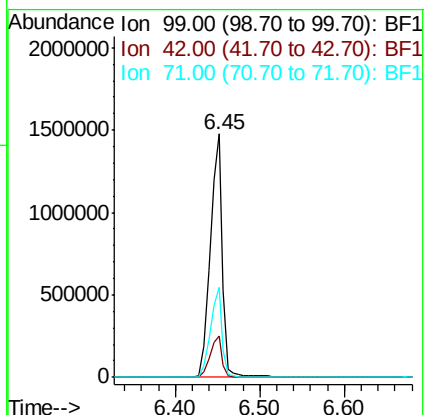
Tot Ion: 99 Resp: 1505615

Ion Ratio Lower Upper

99 100

42 16.8 13.4 20.0

71 36.8 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.196 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF118859.D

Acq: 7 Feb 2020 19:13

Tgt Ion: 70 Resp: 160821

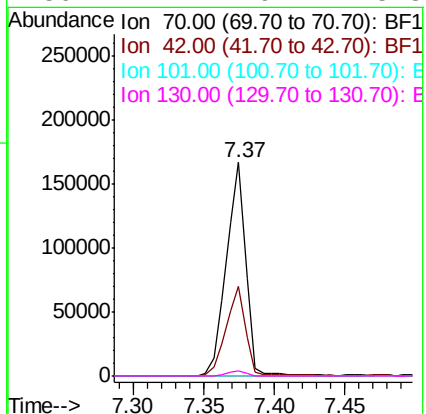
Ion Ratio Lower Upper

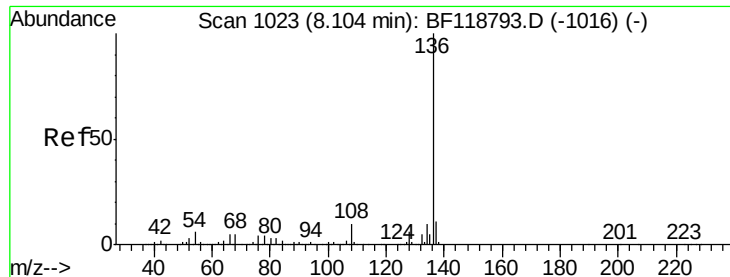
70 100

42 42.0 41.5 62.3

101 0.0 8.3 12.5#

130 2.1 19.2 28.8#

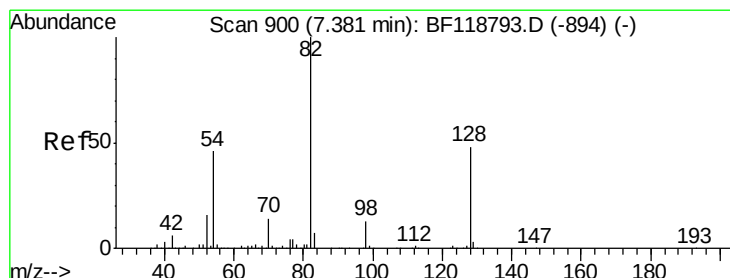
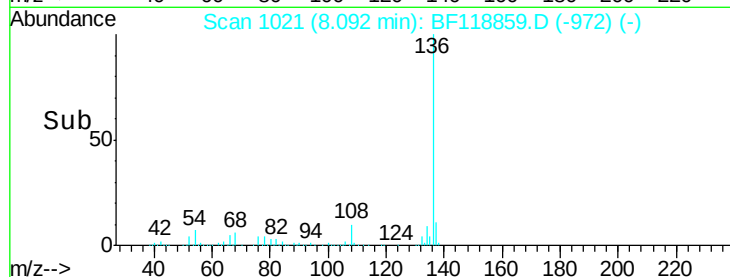
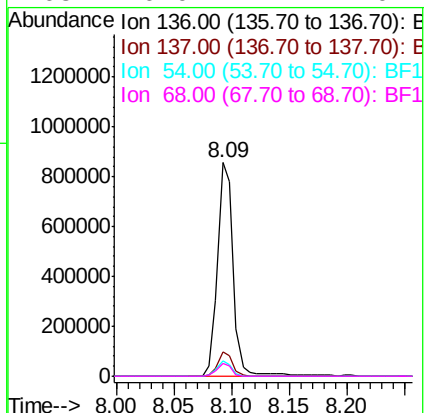
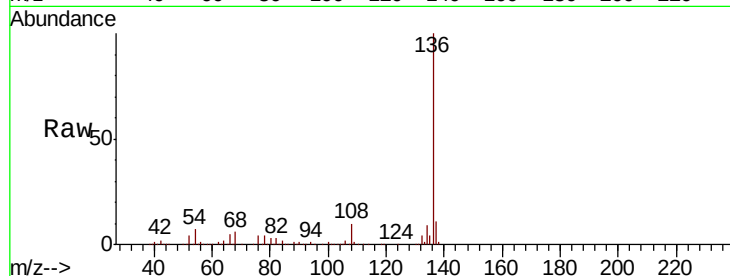




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118859.D
Acq: 7 Feb 2020 19:13

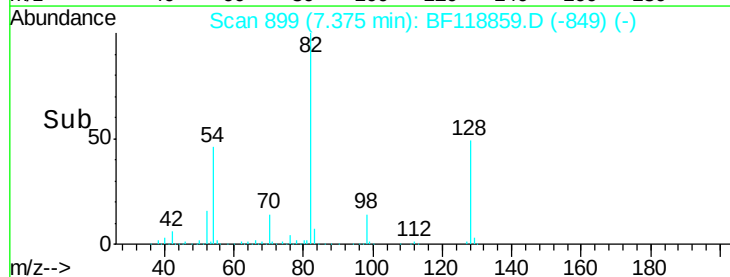
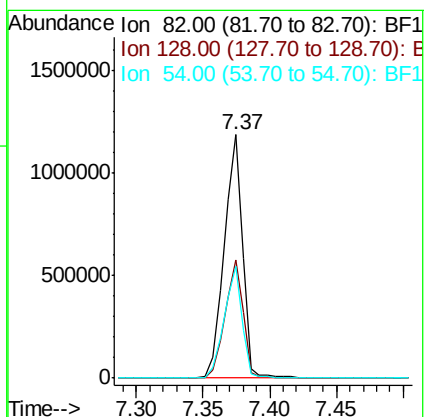
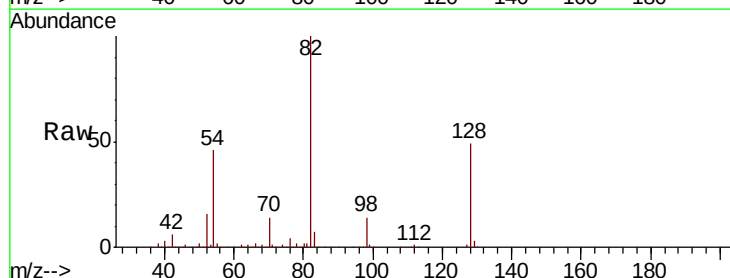
Instrument :
BNA_F
ClientSampleId :

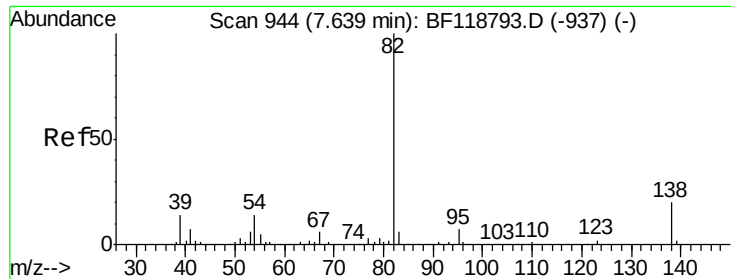
Tot Ion:136	Resp:	815580
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.7	13.1
54 6.9	5.0	7.6
68 6.0	4.2	6.4



#23
Nitrobenzene-d5
Concen: 85.290 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118859.D
Acq: 7 Feb 2020 19:13

Tgt Ion: 82	Resp: 1167037
Ion Ratio	Lower Upper
82 100	
128 48.8	38.5 57.7
54 46.1	36.7 55.1

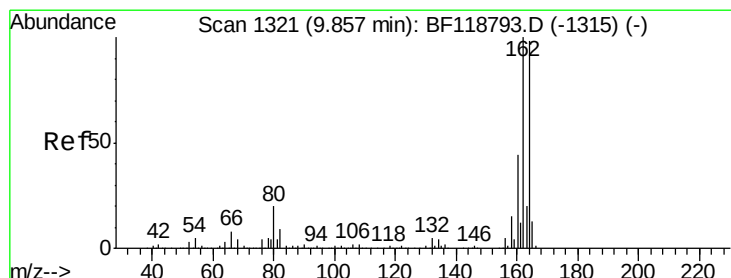
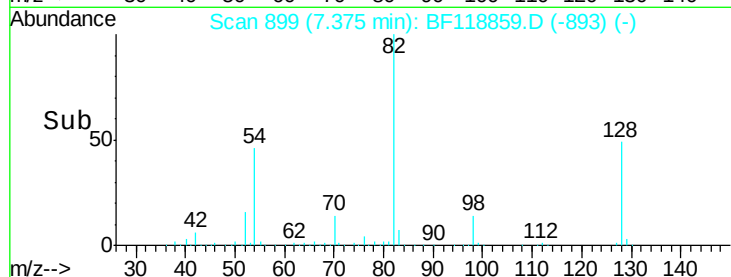
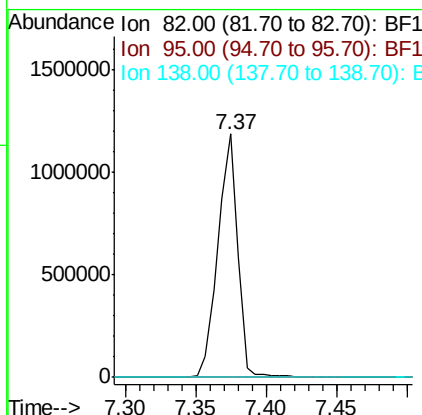
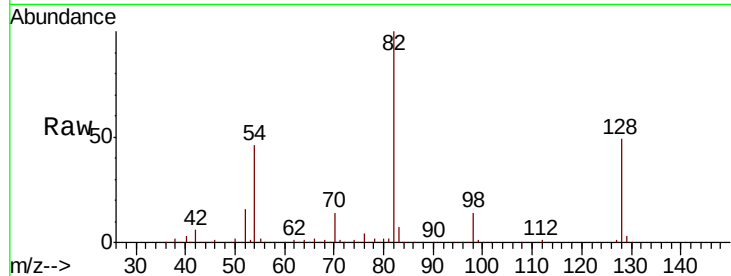




#25
Isophorone
Concen: 47.464 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF118859.D
Acq: 7 Feb 2020 19:13

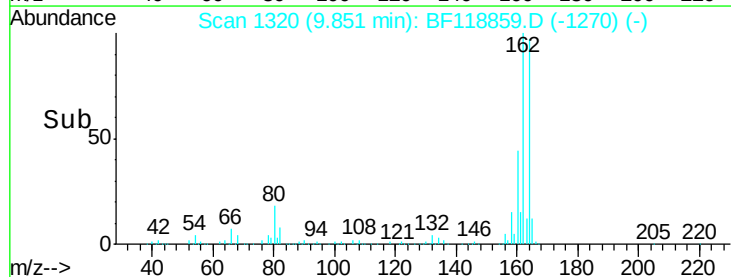
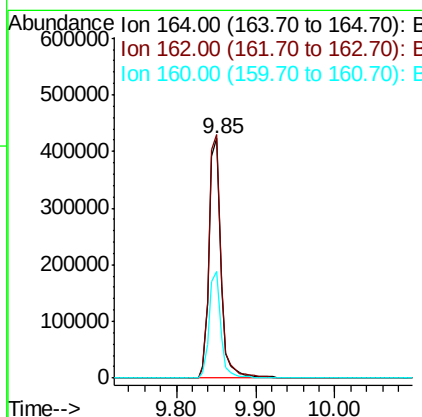
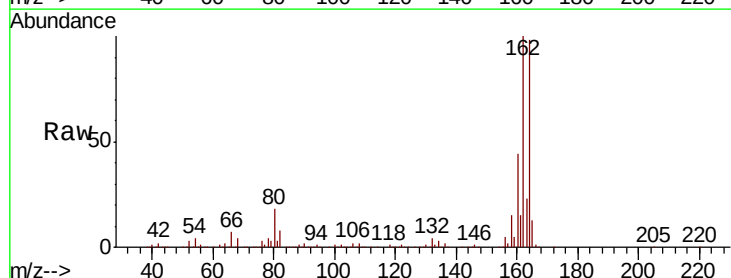
Instrument :
BNA_F
ClientSampleId :

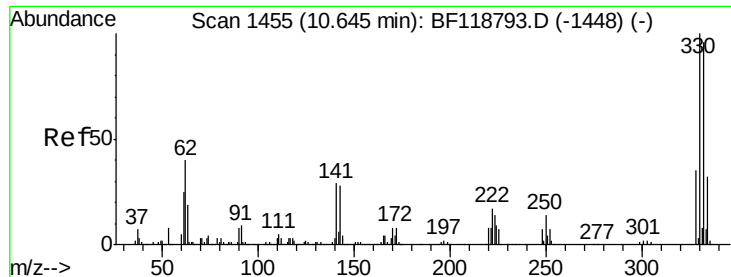
Tot Ion: 82 Resp: 1167201
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118859.D
Acq: 7 Feb 2020 19:13

Tgt Ion:164 Resp: 442064
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.2
160 44.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 114.606 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118859.D

Acq: 7 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

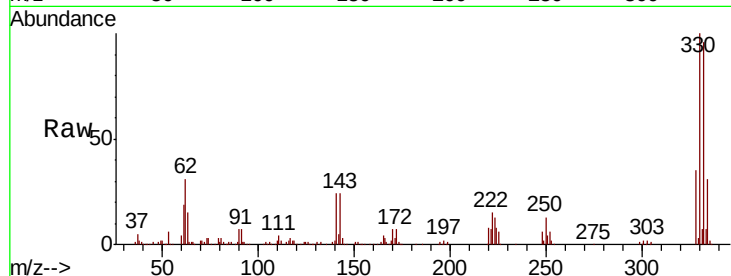
Tot Ion:330 Resp: 606200

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

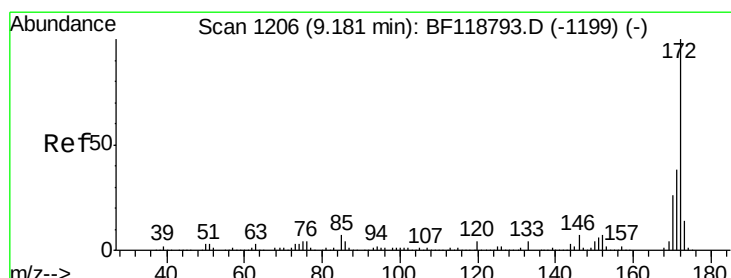
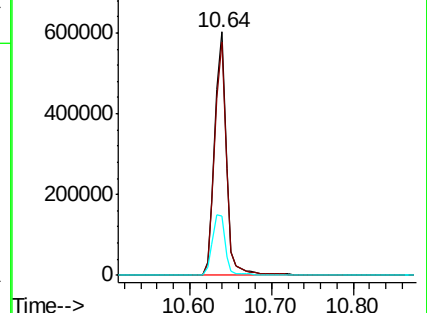
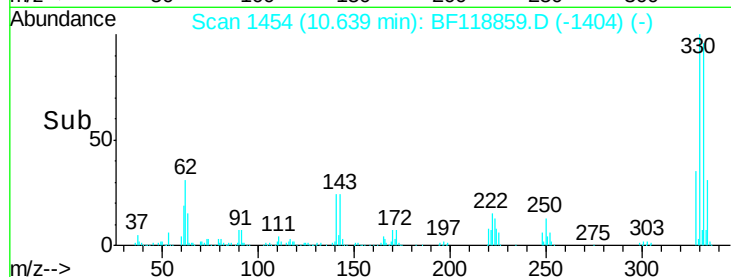
141 27.9 22.4 33.6



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: 94.719 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF118859.D

Acq: 7 Feb 2020 19:13

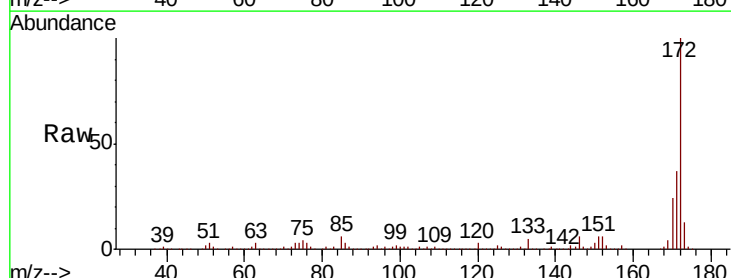
Tgt Ion:172 Resp: 2342218

Ion Ratio Lower Upper

172 100

171 36.7 30.8 46.2

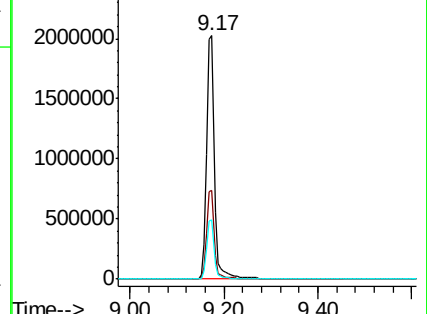
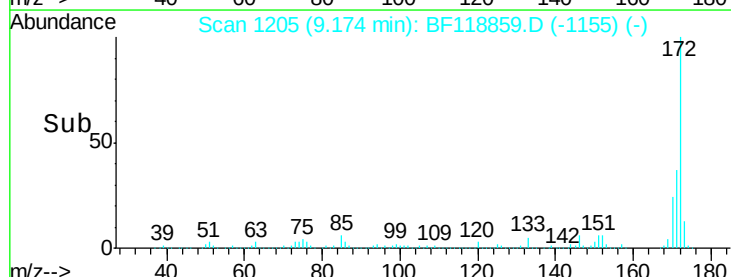
170 24.5 20.5 30.7

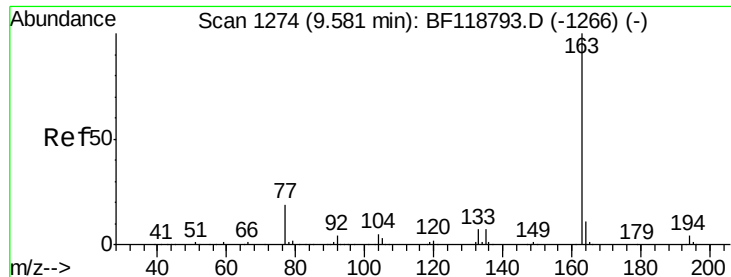


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.327 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF118859.D

Acq: 7 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

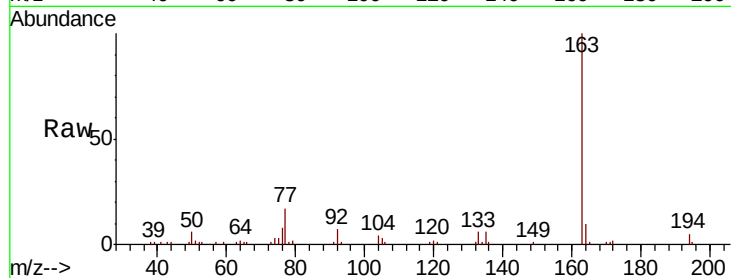
Tot Ion:163 Resp: 70043

Ion Ratio Lower Upper

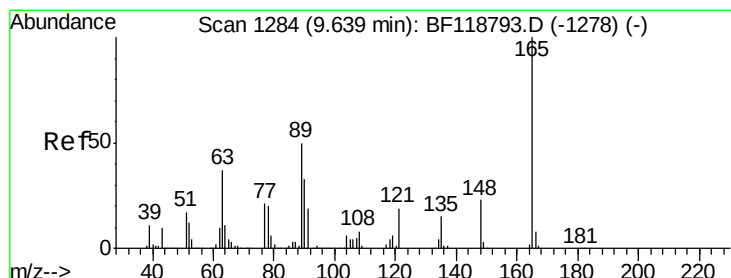
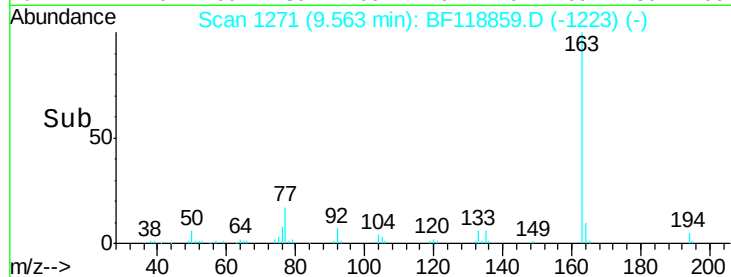
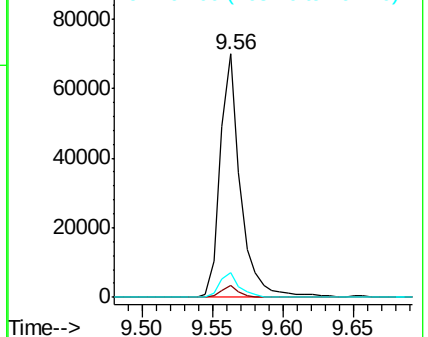
163 100

194 4.7 3.6 5.4

164 10.1 8.7 13.1



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: 8.236 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.21 min

Lab File: BF118859.D

Acq: 7 Feb 2020 19:13

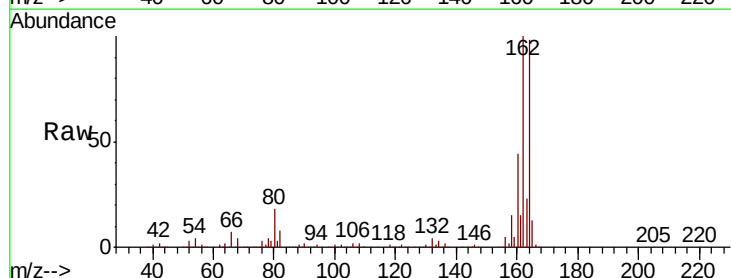
Tgt Ion:165 Resp: 56726

Ion Ratio Lower Upper

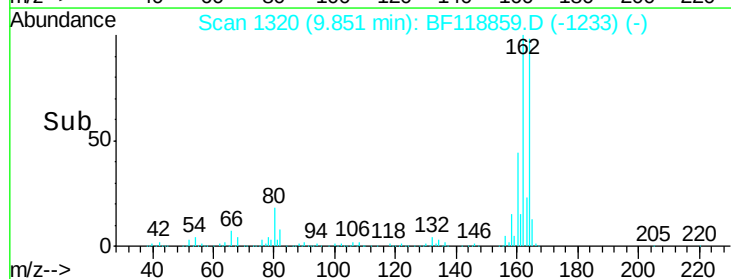
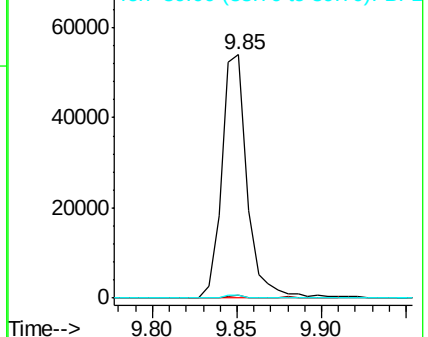
165 100

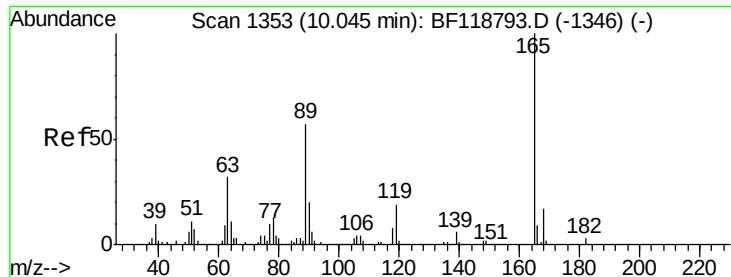
63 1.1 37.4 56.0#

89 1.3 39.7 59.5#



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

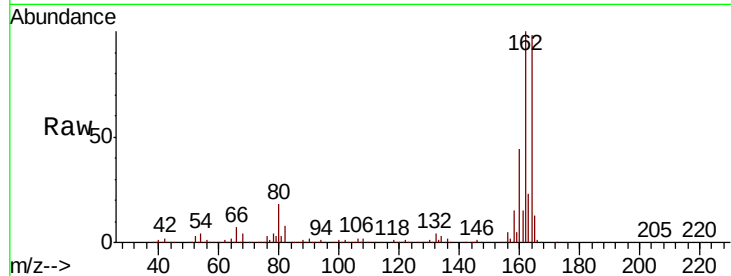




#57
 2,4-Dinitrotoluene
 Concen: 6.252 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF118859.D
 Acq: 7 Feb 2020 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.5	38.3#
89	1.3	45.4	68.0#
182	0.0	2.4	3.6#



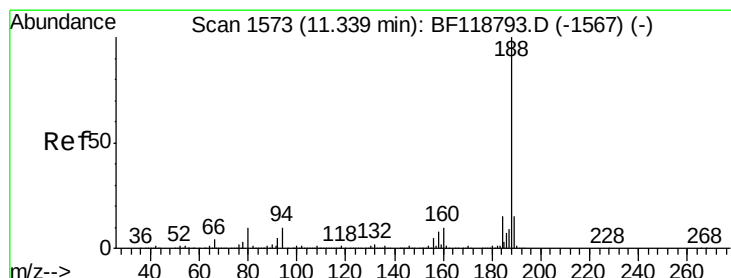
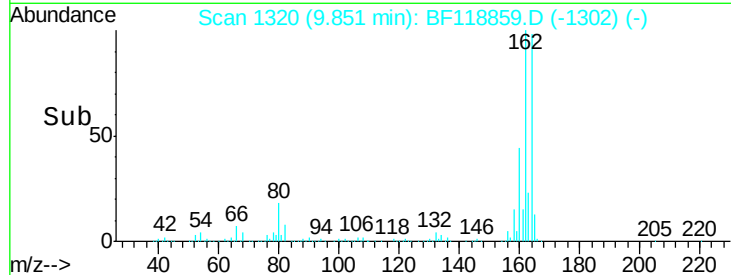
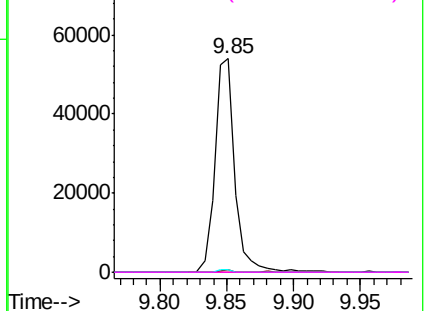
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

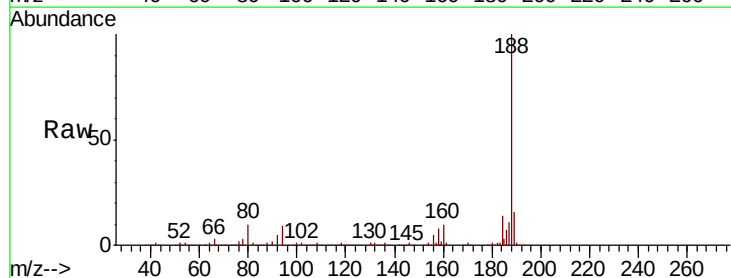
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF118859.D
 Acq: 7 Feb 2020 19:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.9	11.9
80	9.5	8.4	12.6

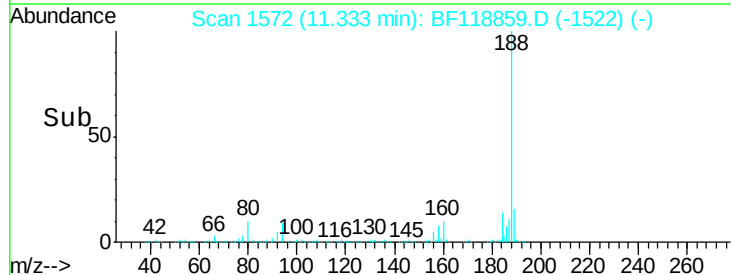
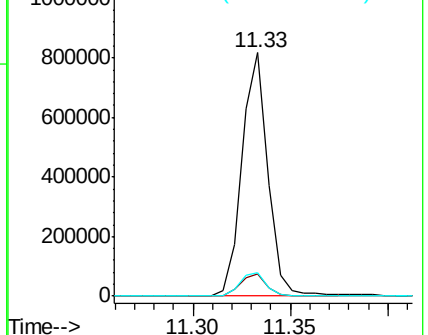


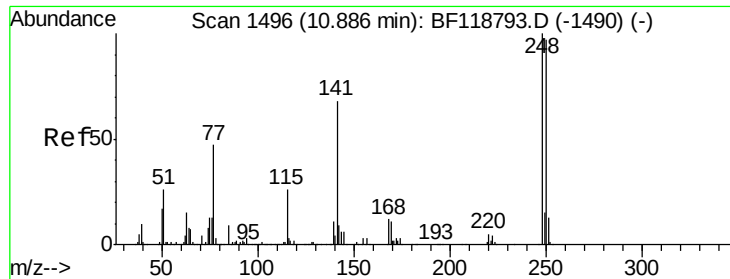
Abundance

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

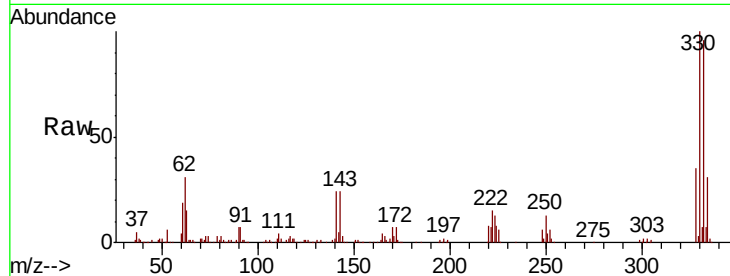




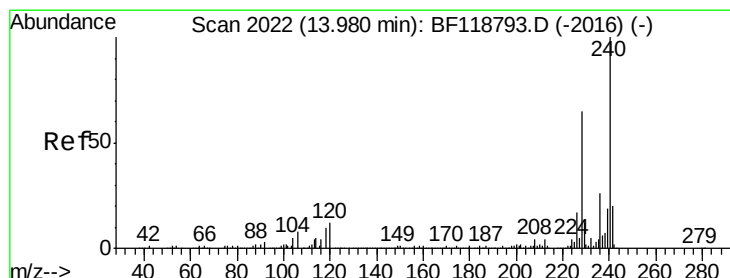
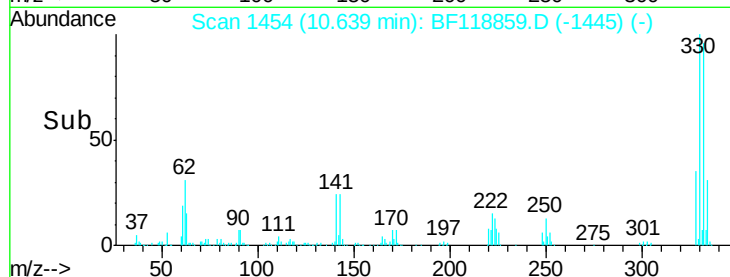
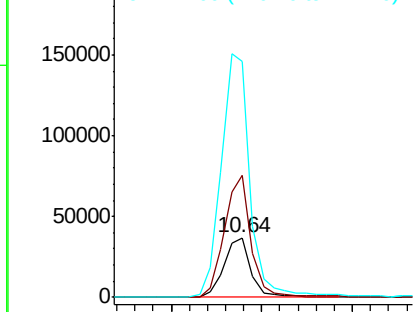
#67
 4-Bromophenyl-phenylether
 Concen: 4.256 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF118859.D
 Acq: 7 Feb 2020 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 37947
 Ion Ratio Lower Upper
 248 100
 250 205.8 77.6 116.4#
 141 397.5 54.4 81.6#

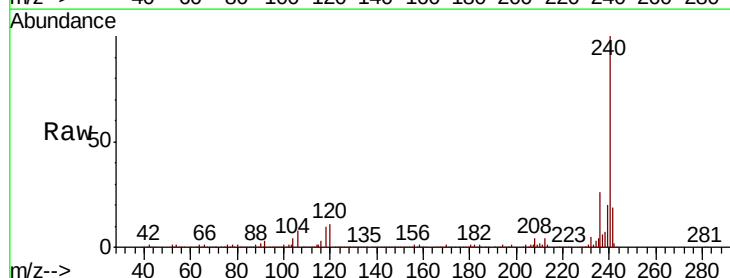


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

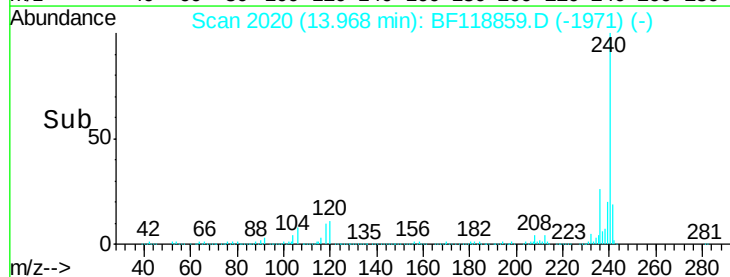
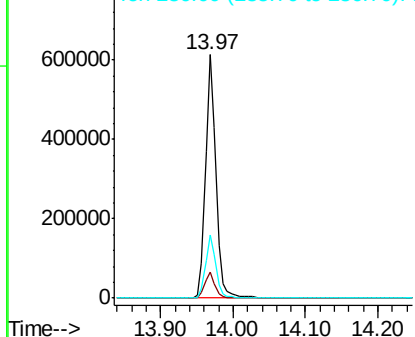


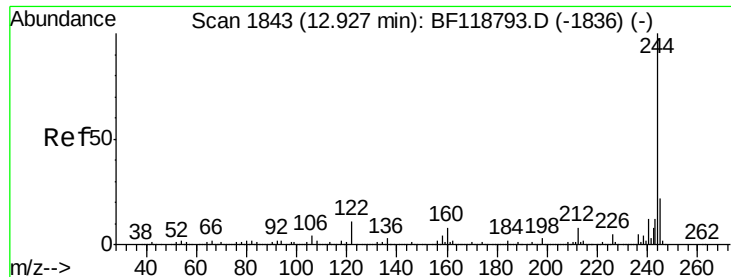
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF118859.D
 Acq: 7 Feb 2020 19:13

Tgt Ion:240 Resp: 618963
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.4 14.0
 236 26.1 21.0 31.6



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

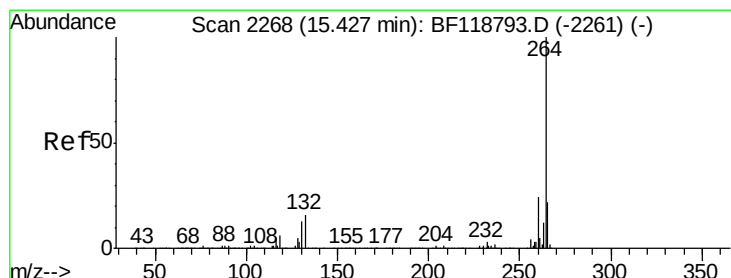
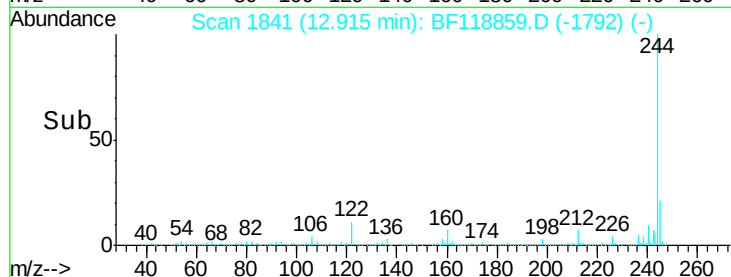
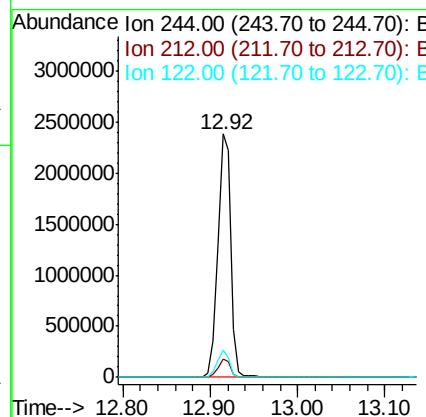
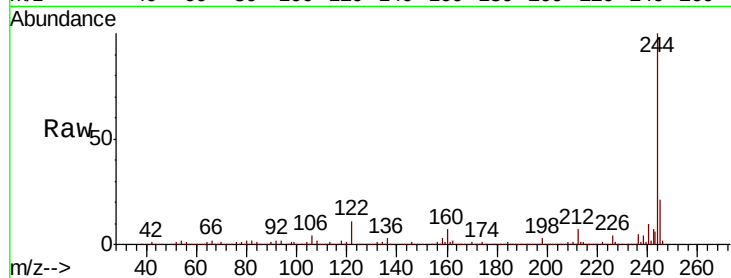




#79
 Terphenyl-d14
 Concen: 81.212 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118859.D
 Acq: 7 Feb 2020 19:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2447229
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 11.1 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF118859.D
 Acq: 7 Feb 2020 19:13

Tgt Ion:264 Resp: 715847
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.8 17.2 25.8

