

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118861.D
 Acq On : 7 Feb 2020 20:08
 Operator : CG/JU
 Sample : L1431-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 03:38:48 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

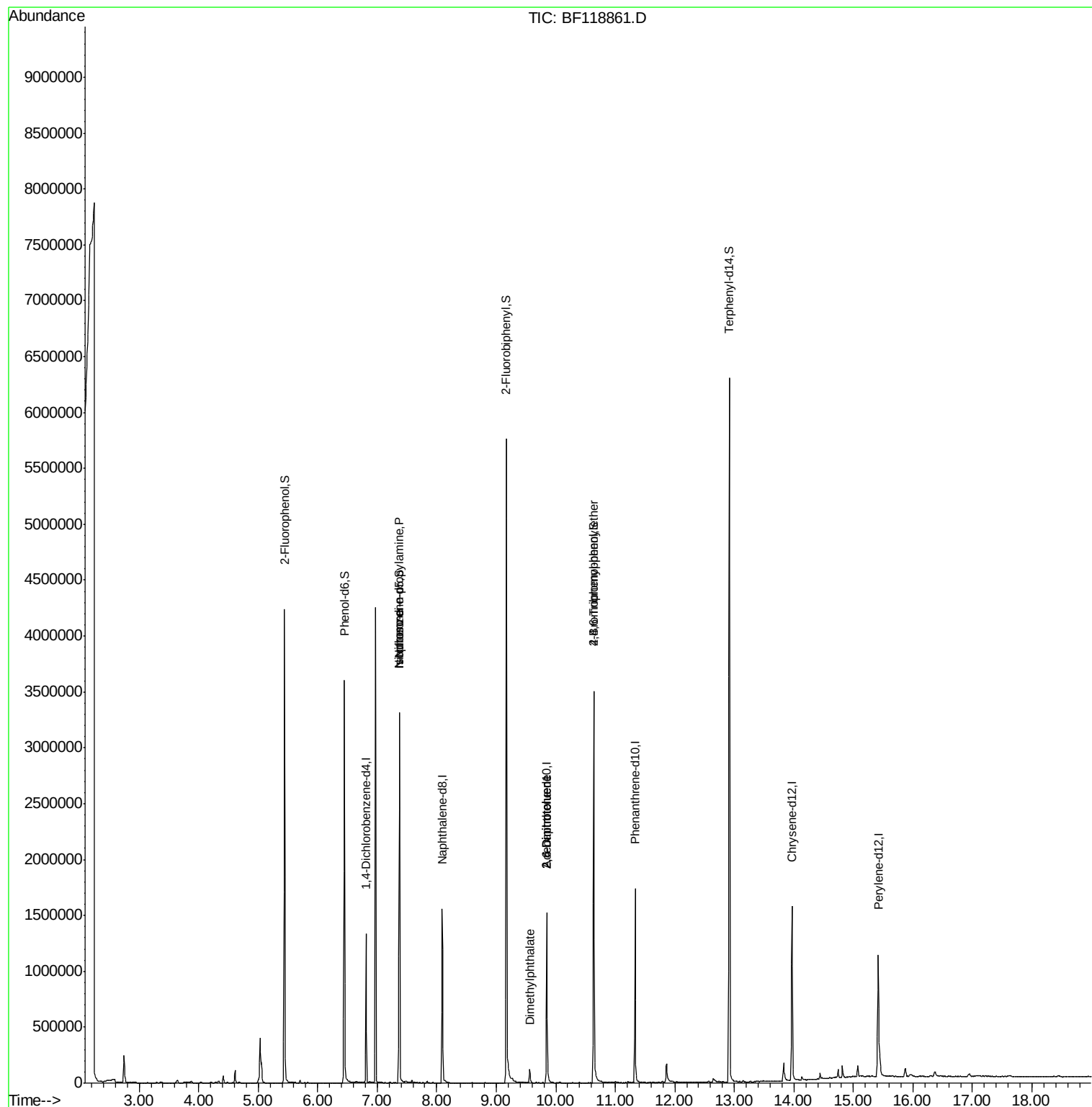
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	200607	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	735529	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	389993	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	700069	20.00	ng	0.00
76) Chrysene-d12	13.97	240	572628	20.00	ng	-0.01
87) Perylene-d12	15.42	264	648089	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1283734	121.13	ng	0.01
7) Phenol-d6	6.45	99	1400588	106.46	ng	0.00
23) Nitrobenzene-d5	7.37	82	1065057	86.31	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	583206	124.98	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2146649	98.40	ng	-0.01
79) Terphenyl-d14	12.92	244	2306832	82.75	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.45	77	2130	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	146564	18.208 ng	#	75
25) Isophorone	7.37	82	1065038	48.023 ng	#	63
50) Dimethylphthalate	9.56	163	60520	2.279 ng		98
51) 2,6-Dinitrotoluene	9.85	165	49840	8.203 ng	#	31
57) 2,4-Dinitrotoluene	9.85	165	49962	6.214 ng	#	34
67) 4-Bromophenyl-phenylether	10.64	248	36757	4.438 ng	#	1

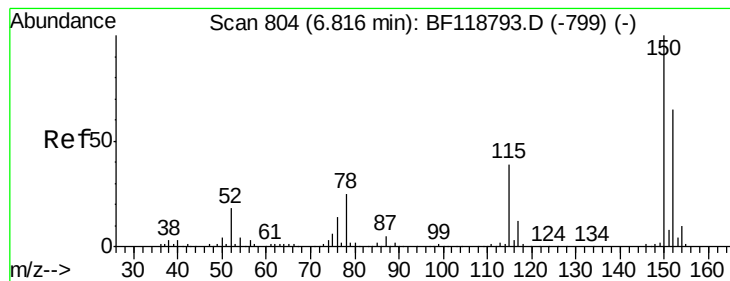
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



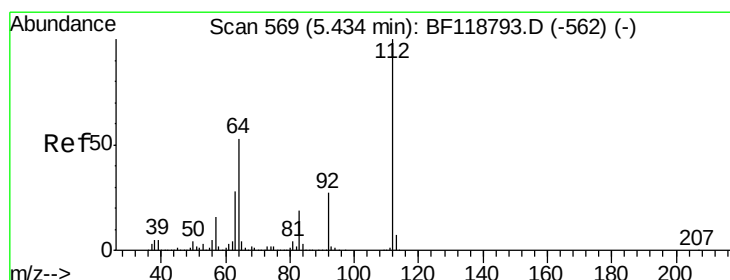
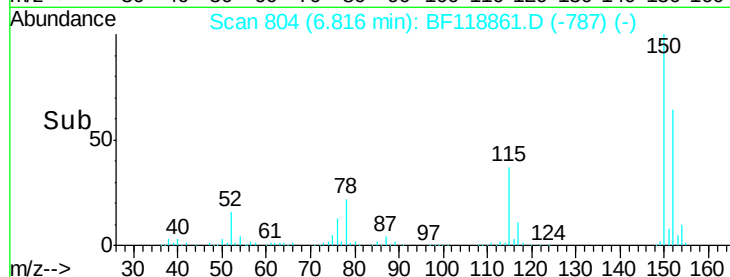
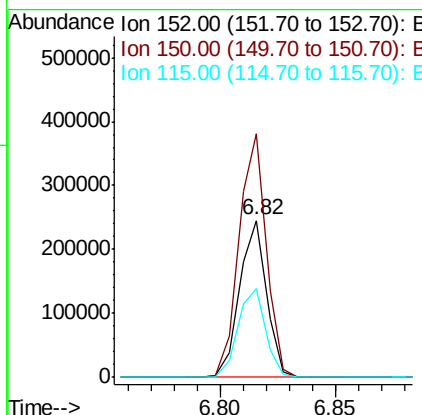
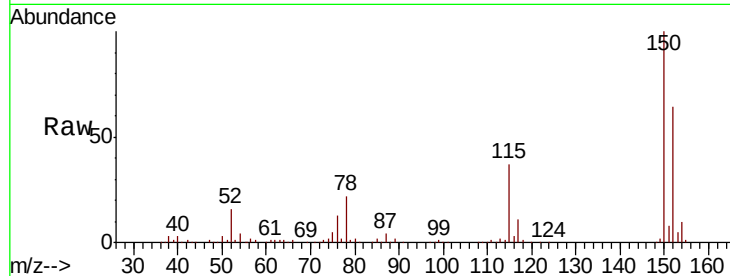


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118861.D
Acq: 7 Feb 2020 20:08

Instrument :
BNA_F
ClientSampleId :

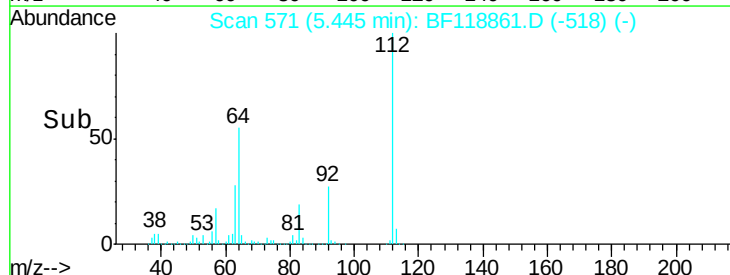
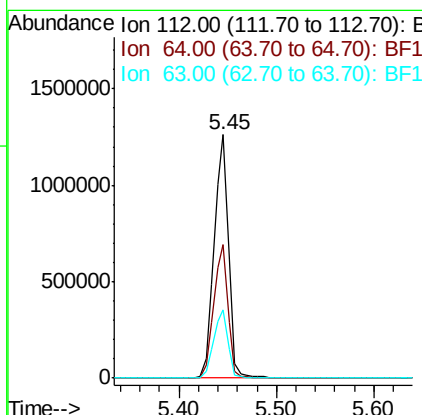
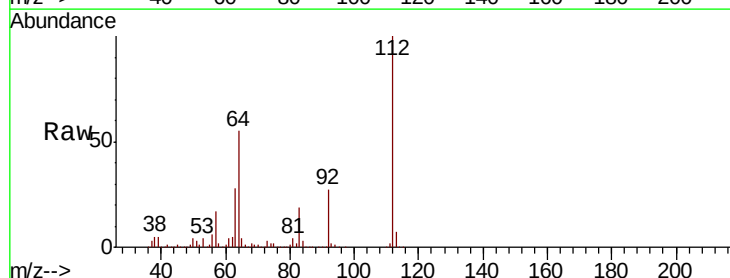
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.6	185.4
115	57.0	48.2	72.2

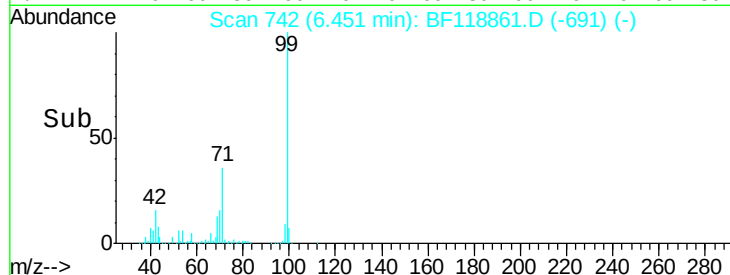
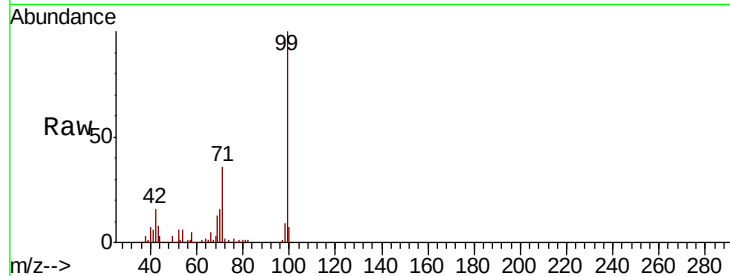
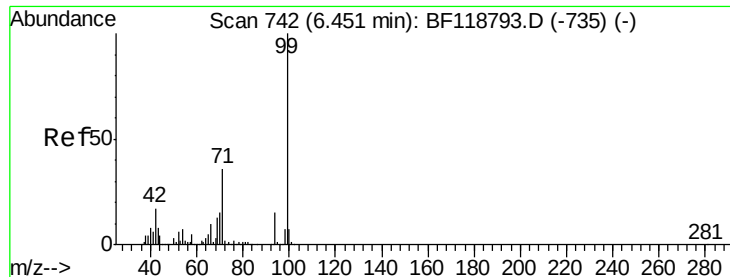


#5

2-Fluorophenol
Concen: 121.133 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF118861.D
Acq: 7 Feb 2020 20:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	42.6	63.8
63	28.3	22.2	33.4





#7

Phenol-d6

Concen: 106.464 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

Instrument :

BNA_F

ClientSampleId :

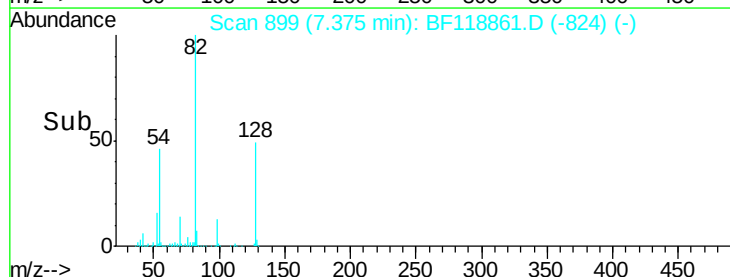
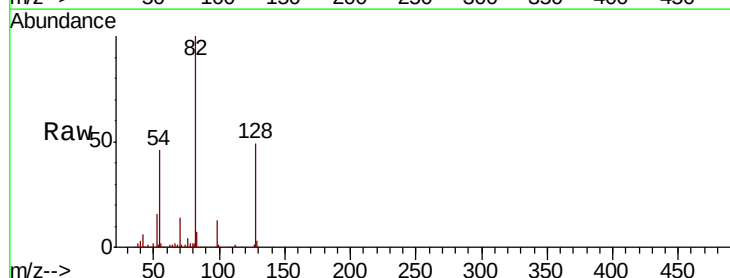
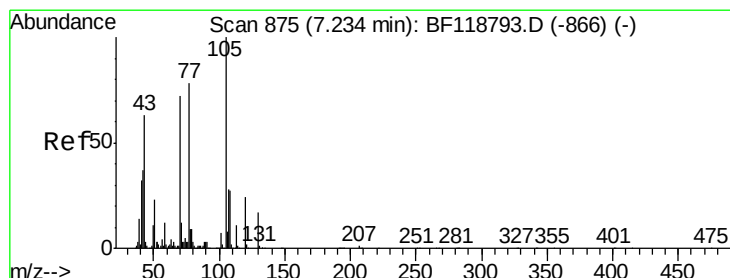
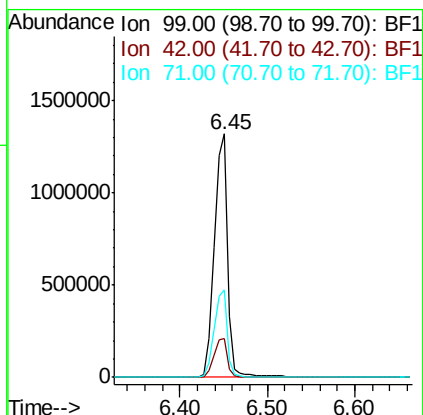
Tot Ion: 99 Resp: 1400588

Ion Ratio Lower Upper

99 100

42 15.9 13.4 20.0

71 35.7 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.208 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

Tgt Ion: 70 Resp: 146564

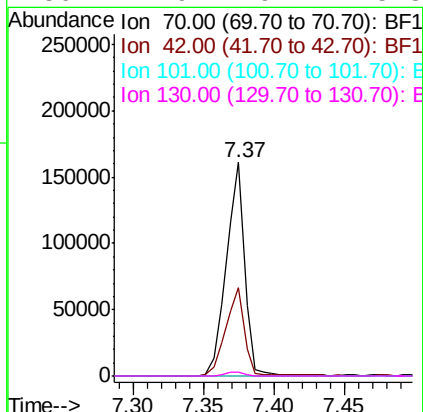
Ion Ratio Lower Upper

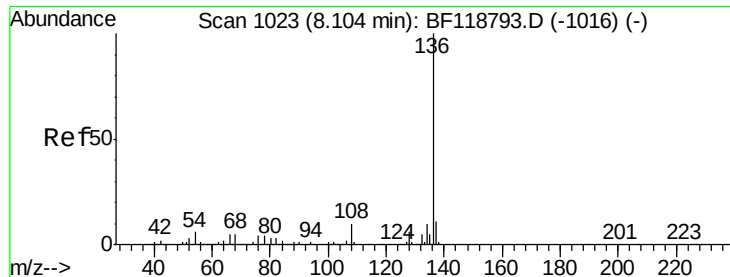
70 100

42 41.5 41.5 62.3#

101 0.0 8.3 12.5#

130 1.9 19.2 28.8#

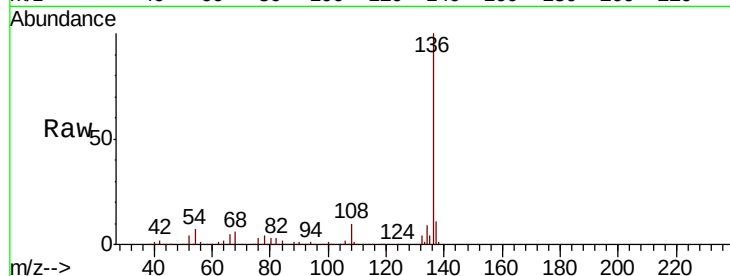




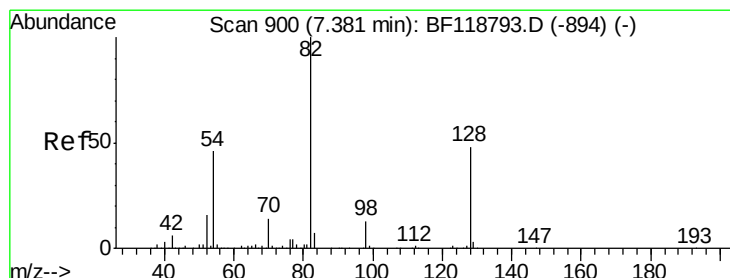
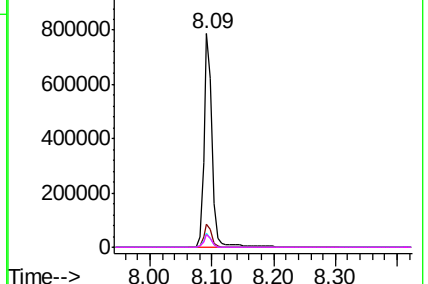
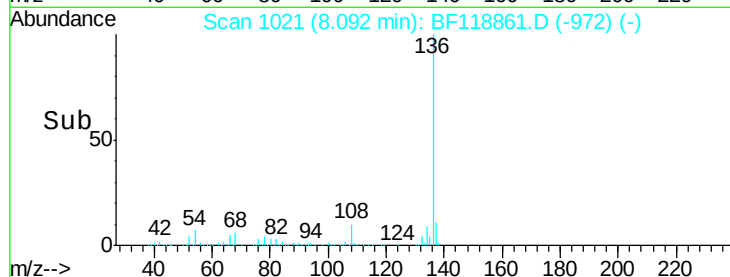
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118861.D
Acq: 7 Feb 2020 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	735529
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 6.8	5.0	7.6
68 6.0	4.2	6.4

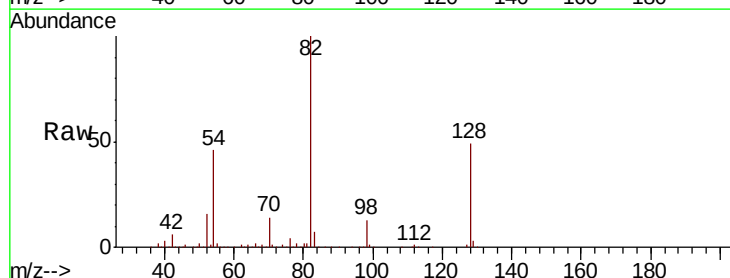


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

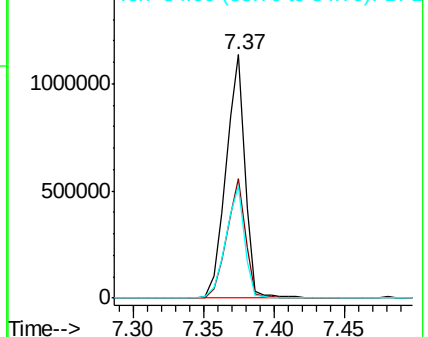
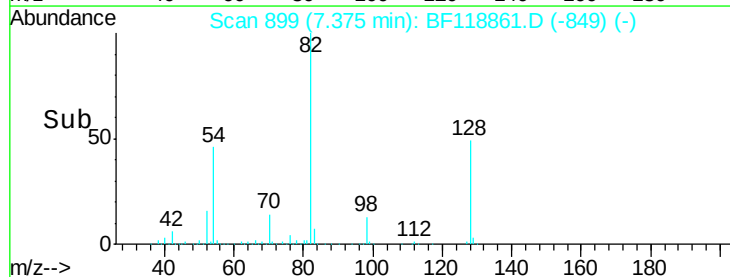


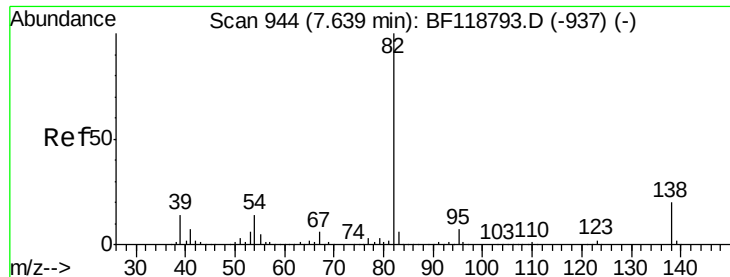
#23
Nitrobenzene-d5
Concen: 86.309 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118861.D
Acq: 7 Feb 2020 20:08

Tgt Ion: 82	Resp: 1065057
Ion Ratio	Lower Upper
82 100	
128 49.0	38.5 57.7
54 45.8	36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.023 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

Instrument :

BNA_F

ClientSampleId :

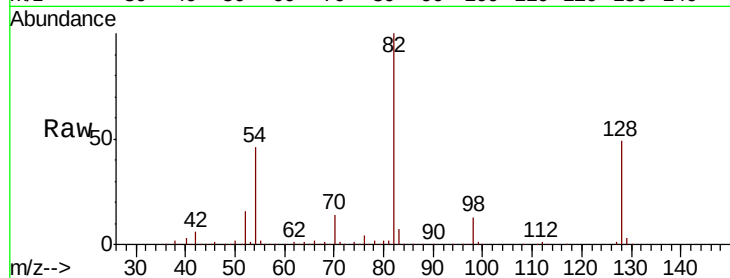
Tot Ion: 82 Resp: 1065038

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

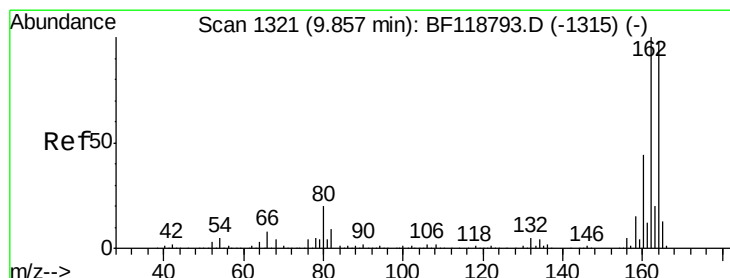
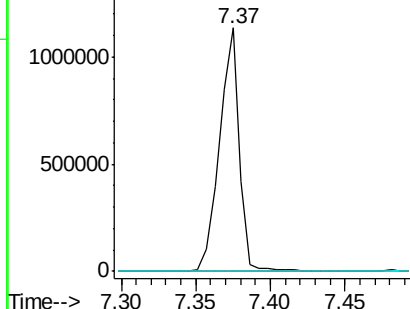
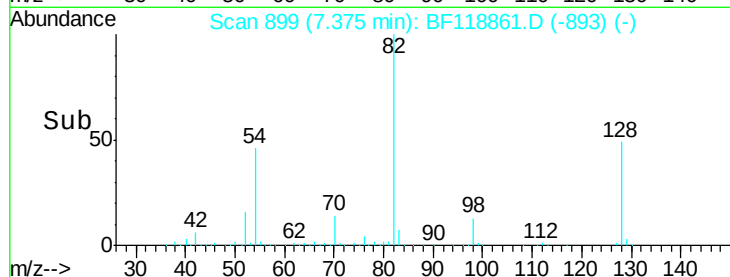
138 0.0 15.7 23.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

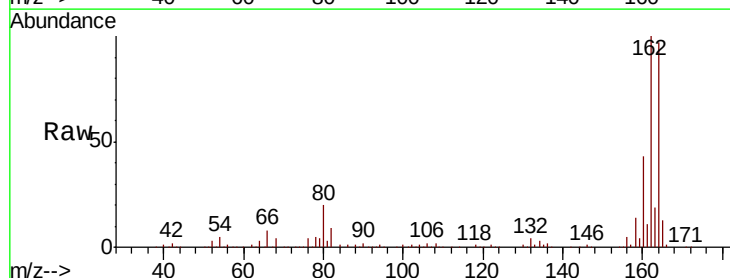
Tgt Ion: 164 Resp: 389993

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.2

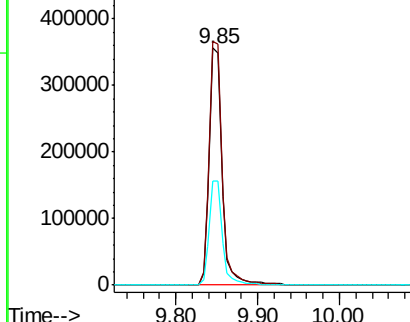
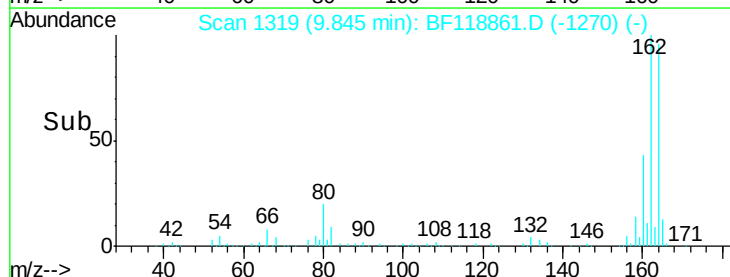
160 43.8 35.6 53.4

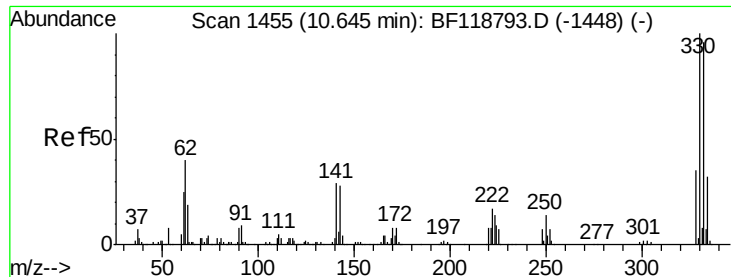


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 124.981 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

Instrument :

BNA_F

ClientSampleId :

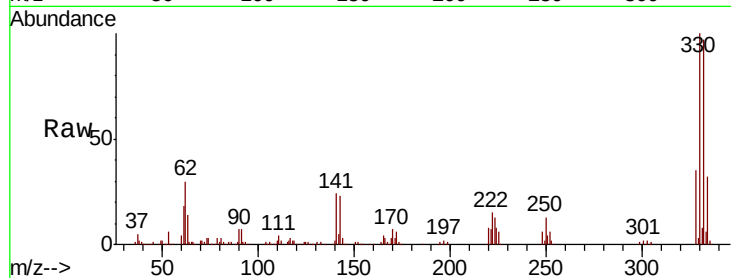
Tot Ion:330 Resp: 583206

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

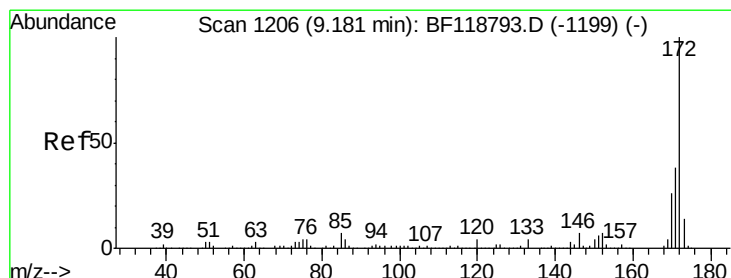
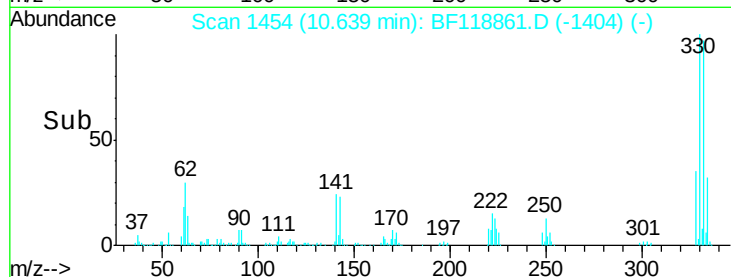
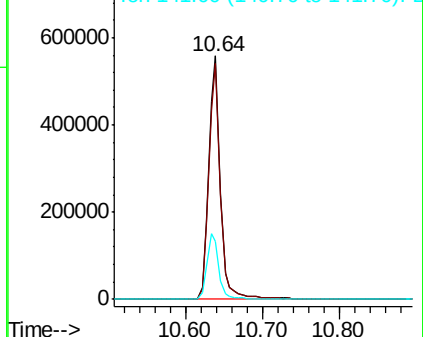
141 28.4 22.4 33.6



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: 98.401 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

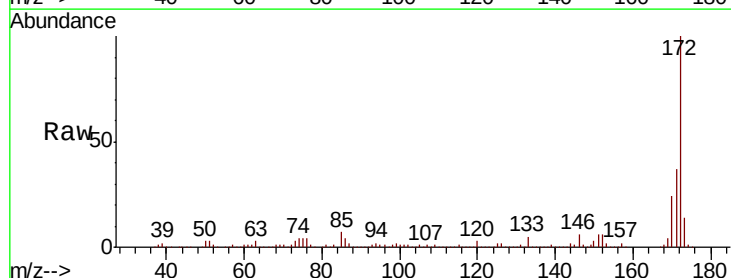
Tgt Ion:172 Resp: 2146649

Ion Ratio Lower Upper

172 100

171 36.9 30.8 46.2

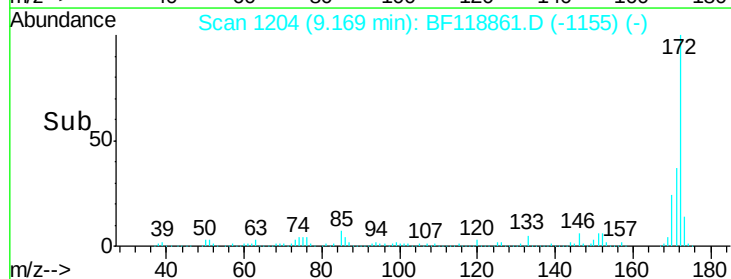
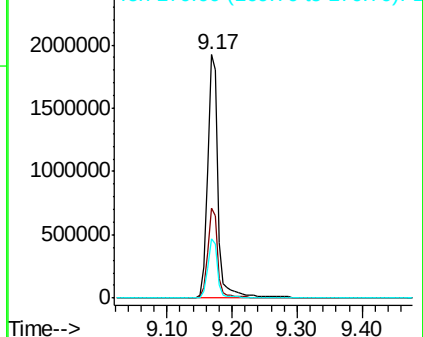
170 24.4 20.5 30.7

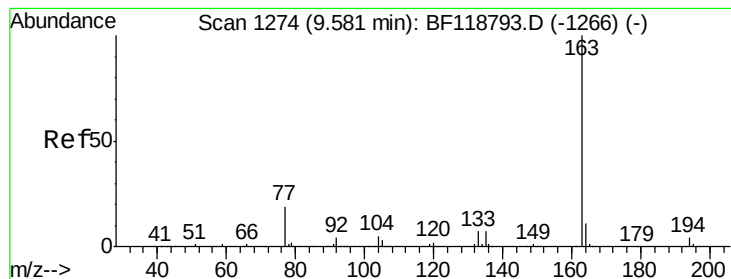


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.279 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

Instrument :

BNA_F

ClientSampleId :

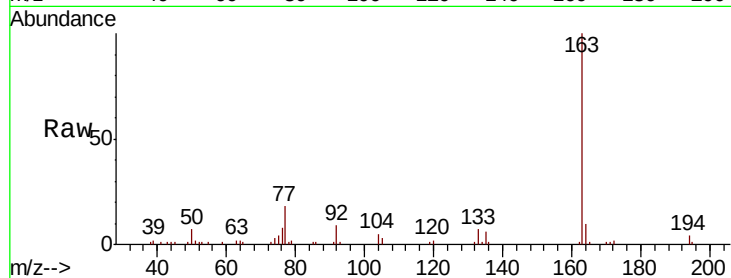
Tot Ion:163 Resp: 60520

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

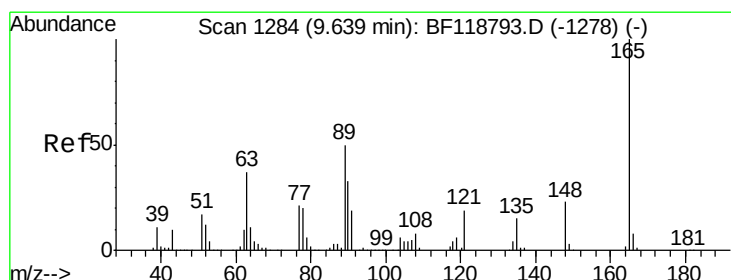
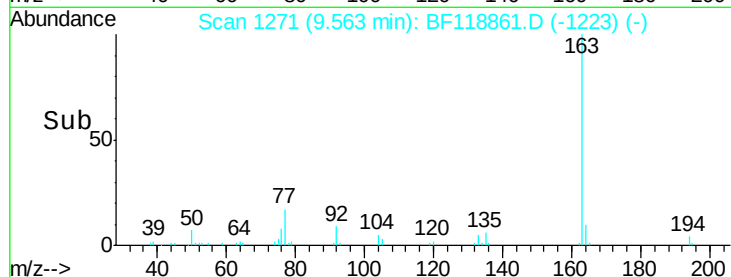
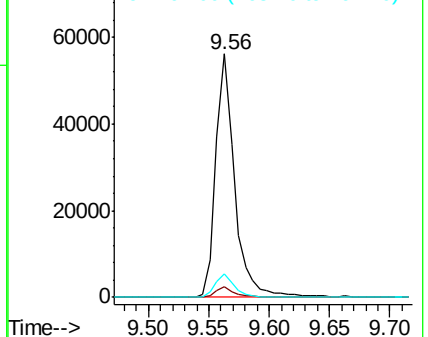
164 9.7 8.7 13.1



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: 8.203 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

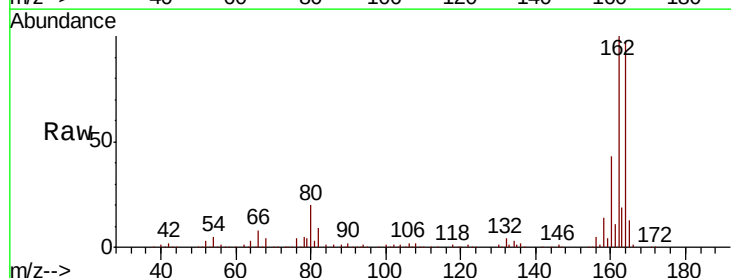
Tgt Ion:165 Resp: 49840

Ion Ratio Lower Upper

165 100

63 1.3 37.4 56.0#

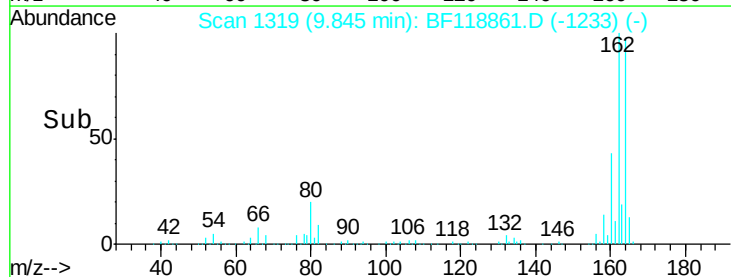
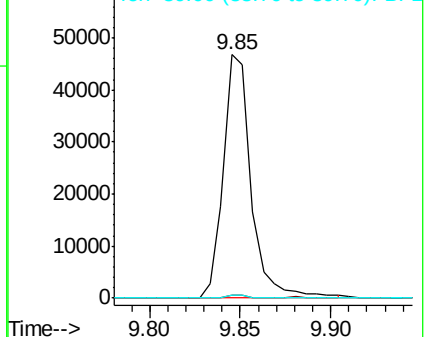
89 1.1 39.7 59.5#

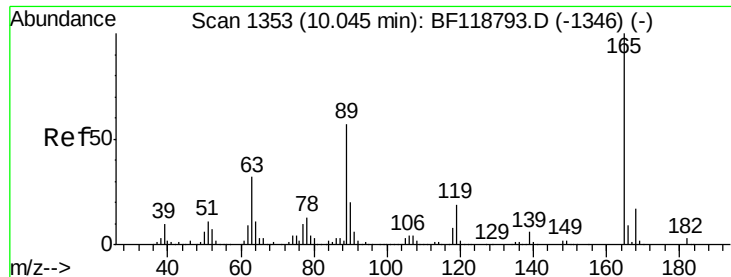


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

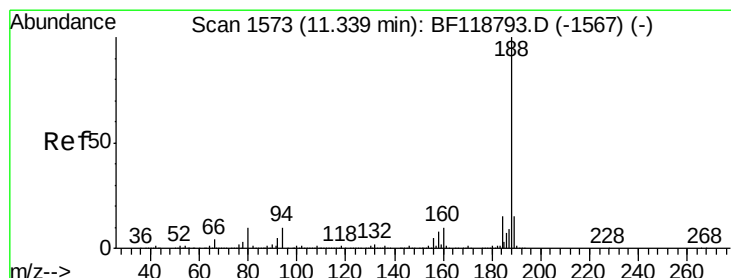
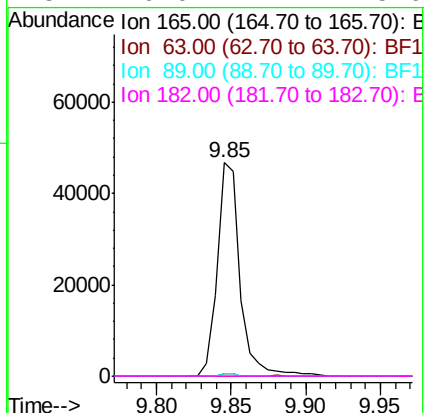
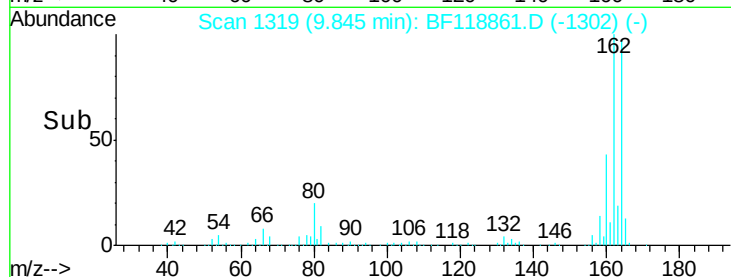
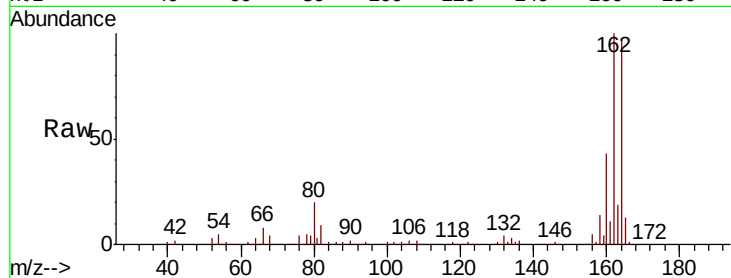




#57
 2,4-Dinitrotoluene
 Concen: 6.214 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF118861.D
 Acq: 7 Feb 2020 20:08

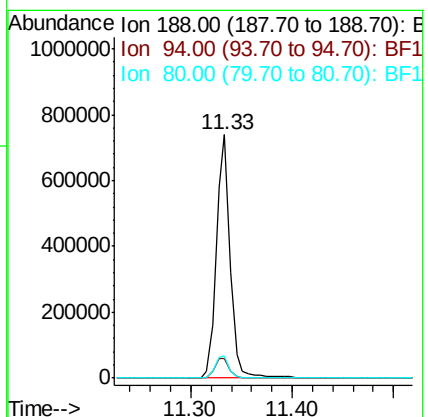
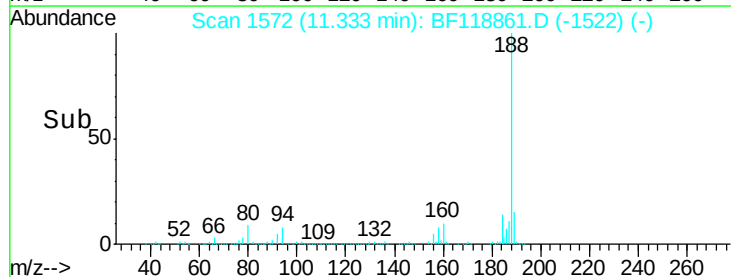
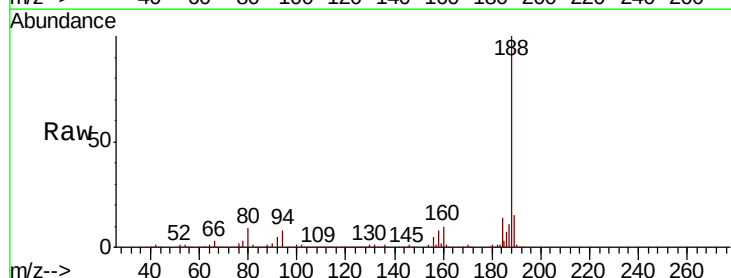
Instrument :
 BNA_F
 ClientSampleId :

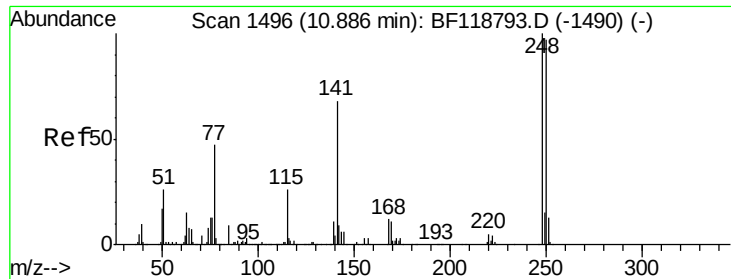
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.5	38.3#
89	1.1	45.4	68.0#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF118861.D
 Acq: 7 Feb 2020 20:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.9	11.9
80	9.3	8.4	12.6

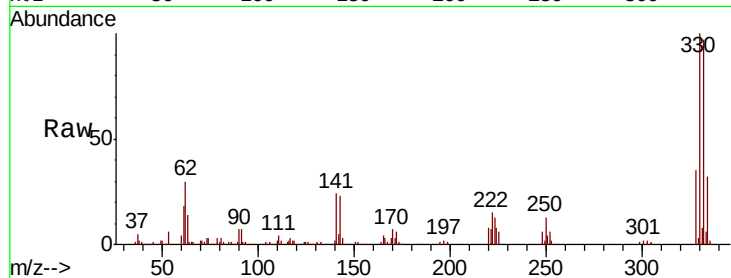




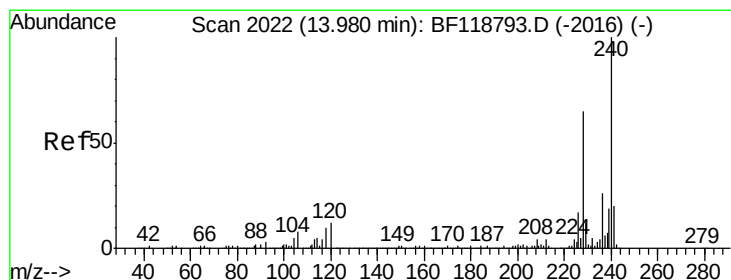
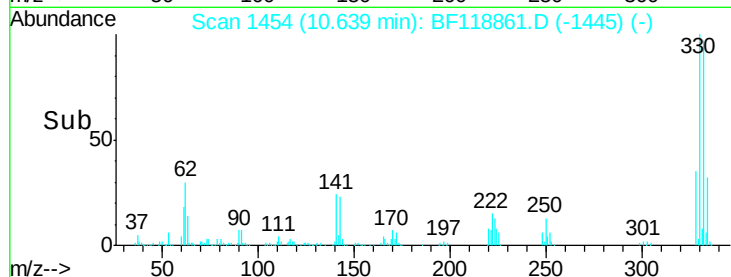
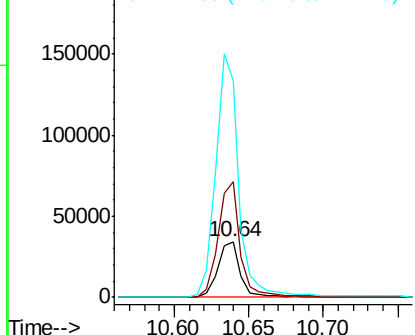
#67
4-Bromophenyl-phenylether
Concen: 4.438 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF118861.D
Acq: 7 Feb 2020 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 36757
Ion Ratio Lower Upper
248 100
250 207.7 77.6 116.4#
141 390.4 54.4 81.6#

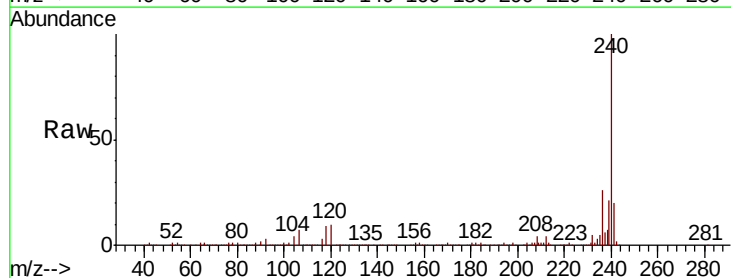


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

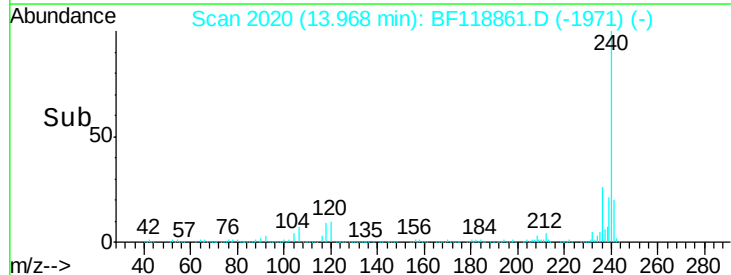
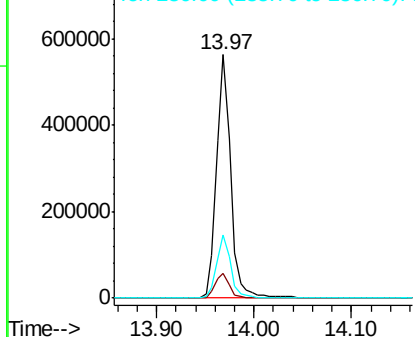


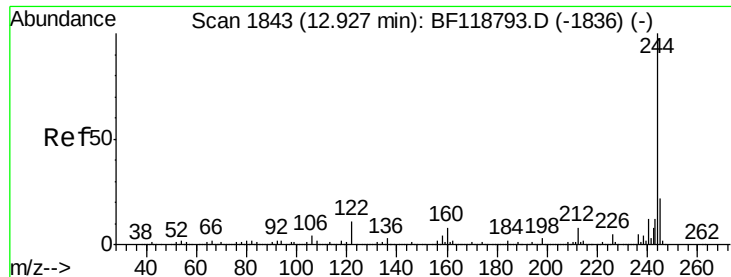
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118861.D
Acq: 7 Feb 2020 20:08

Tgt Ion:240 Resp: 572628
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.0
236 25.9 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: 82.747 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

Instrument :

BNA_F

ClientSampleId :

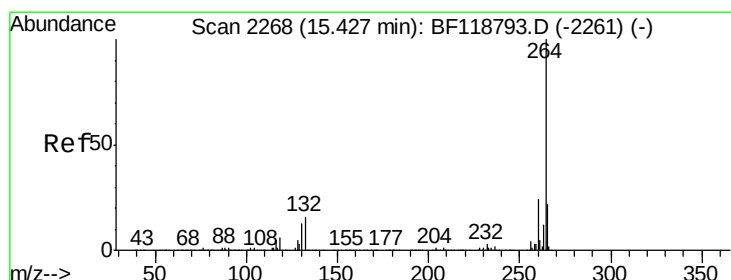
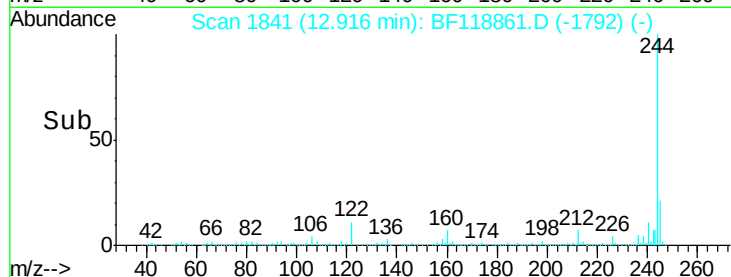
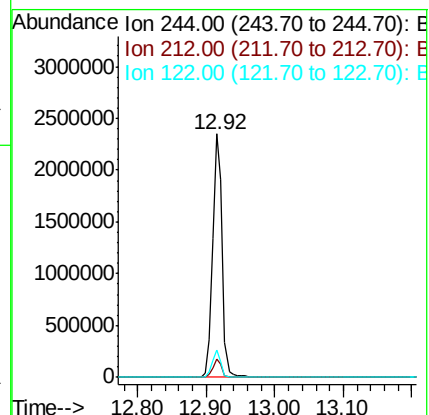
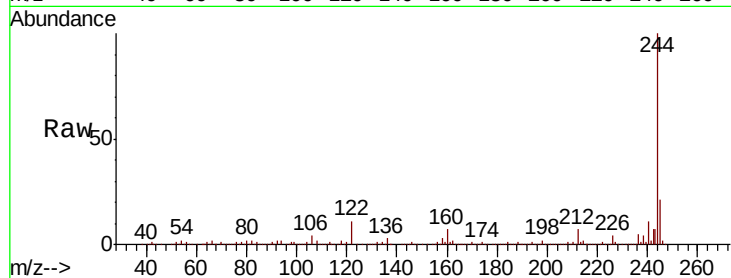
Tot Ion:244 Resp: 2306832

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# 2266

Delta R.T. -0.01 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

Tgt Ion:264 Resp: 648089

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.2 17.2 25.8

