

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
 Data File : BF117320.D
 Acq On : 3 Oct 2019 17:07
 Operator : JU
 Sample : PB123594BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BL

Quant Time: Oct 04 03:18:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

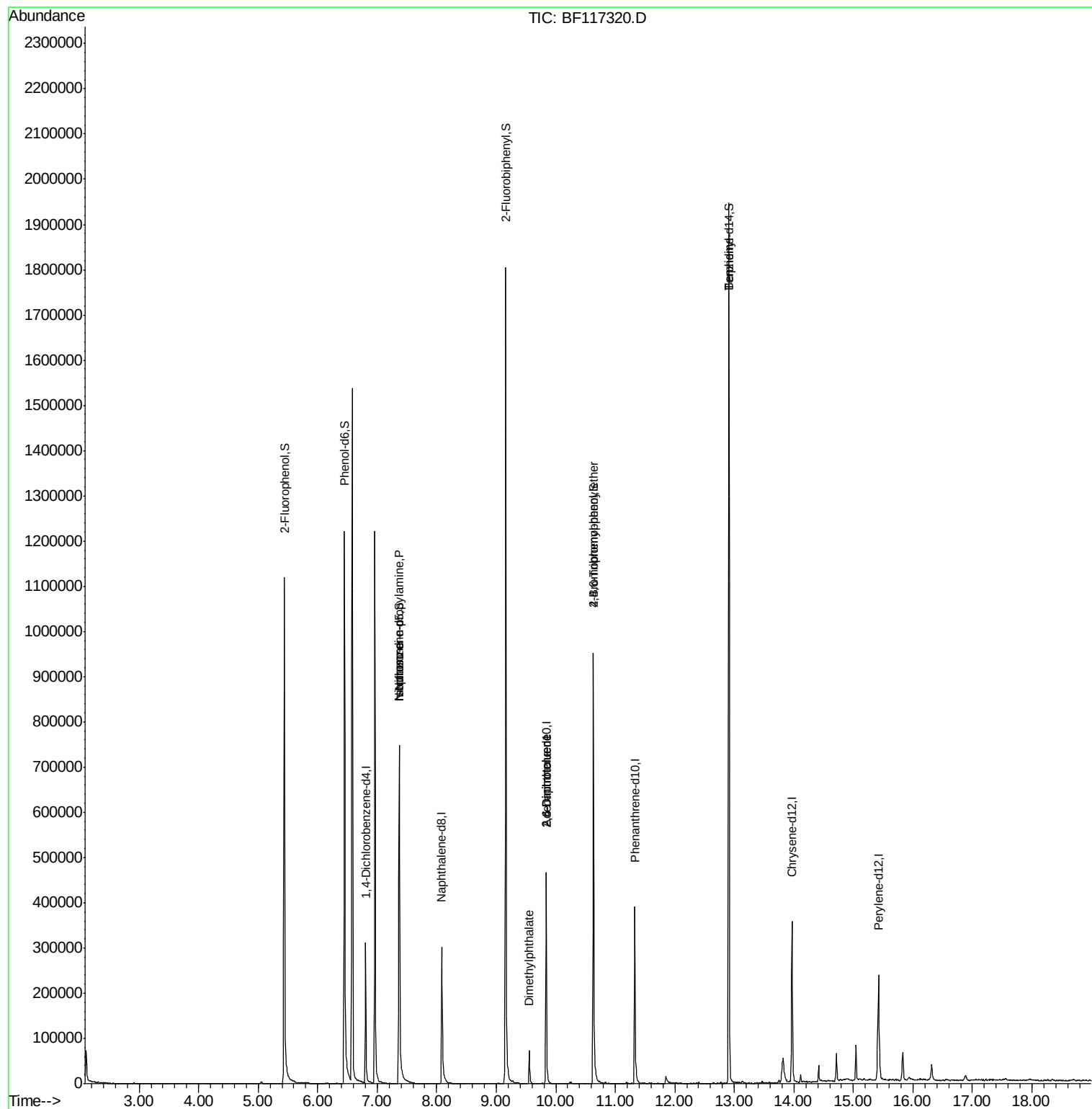
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50943	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	205029	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	106960	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	178770	20.00	ng	0.00
76) Chrysene-d12	13.97	240	132632	20.00	ng	0.00
87) Perylene-d12	15.42	264	117282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	369840	113.34	ng	0.00
7) Phenol-d6	6.45	99	531494	126.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	345416	88.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	123383	138.02	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	636695	93.07	ng	-0.01
79) Terphenyl-d14	12.91	244	663838	93.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	640	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	44606	17.371 ng	#	79
25) Isophorone	7.37	82	345414	49.994 ng	#	66
50) Dimethylphthalate	9.56	163	40194	5.307 ng		99
51) 2,6-Dinitrotoluene	9.84	165	13740	8.908 ng	#	24
57) 2,4-Dinitrotoluene	9.84	165	13740	6.863 ng	#	18
67) 4-Bromophenyl-phenylether	10.63	248	7586	4.155 ng	#	1
77) Benzydine	12.91	184	9494	2.222 ng	#	94

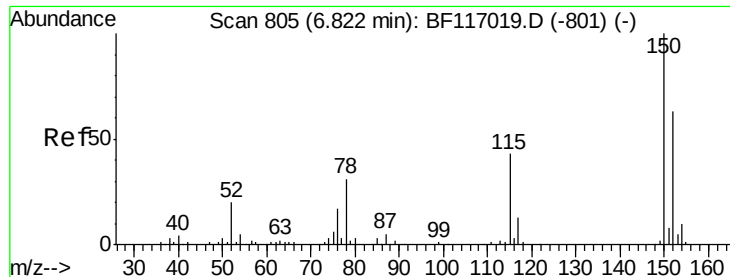
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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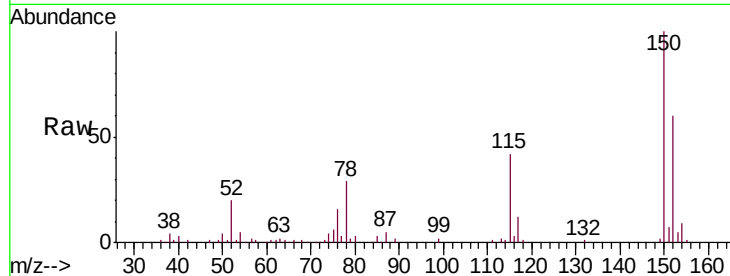


#1

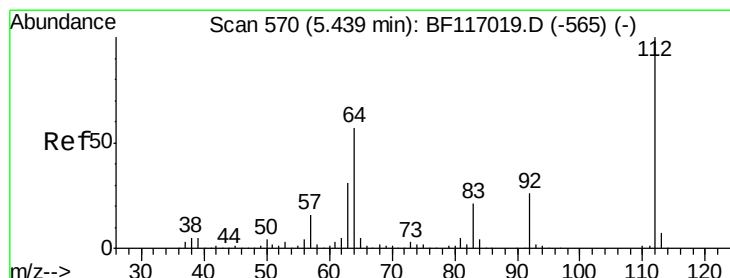
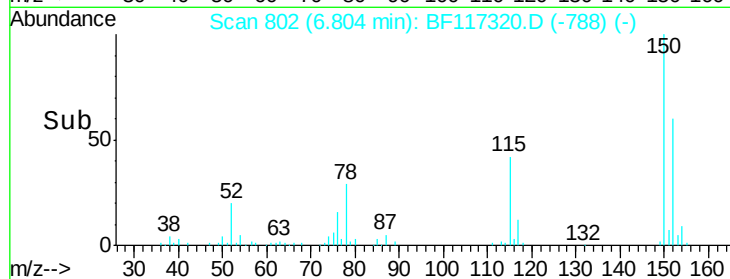
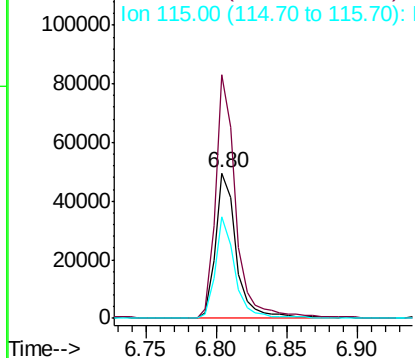
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion:152 Resp: 50943
Ion Ratio Lower Upper
152 100
150 167.4 127.5 191.3
115 69.9 55.0 82.4



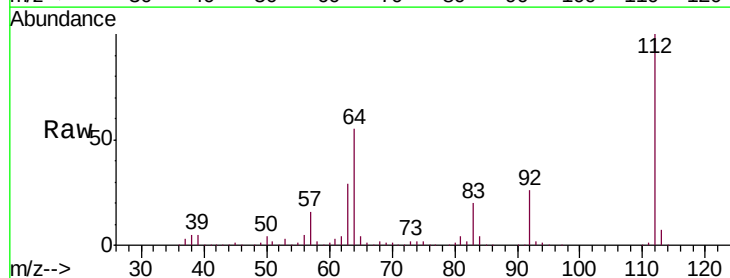
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



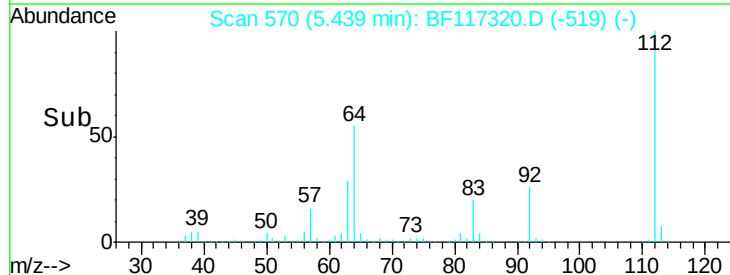
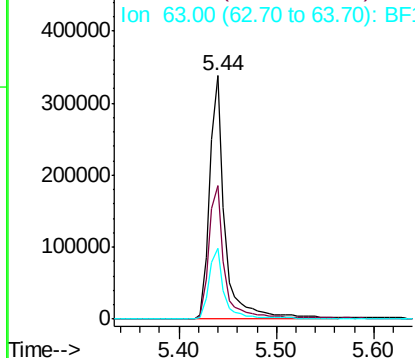
#5

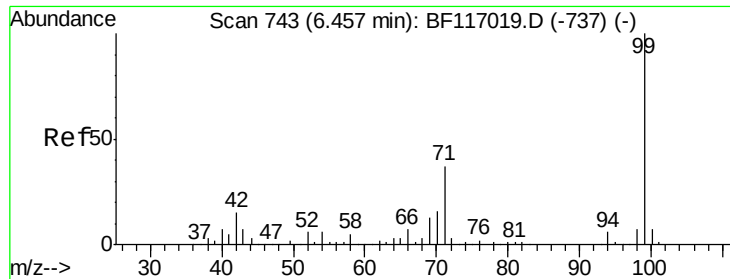
2-Fluorophenol
Concen: 113.345 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion:112 Resp: 369840
Ion Ratio Lower Upper
112 100
64 54.8 45.7 68.5
63 29.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 126.038 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117320.D

Acq: 3 Oct 2019 17:07

Instrument :

BNA_F

ClientSampleId :

PB123594BL

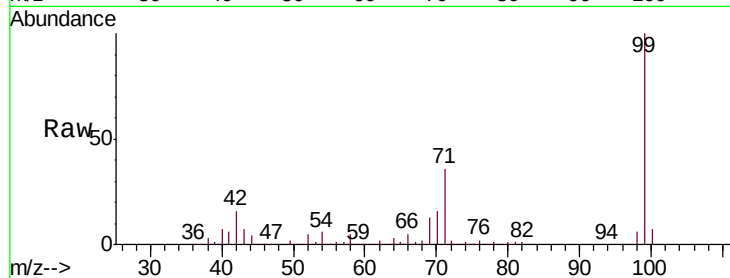
Tgt Ion: 99 Resp: 531494

Ion Ratio Lower Upper

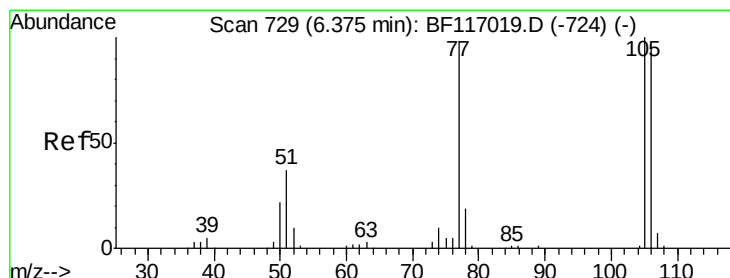
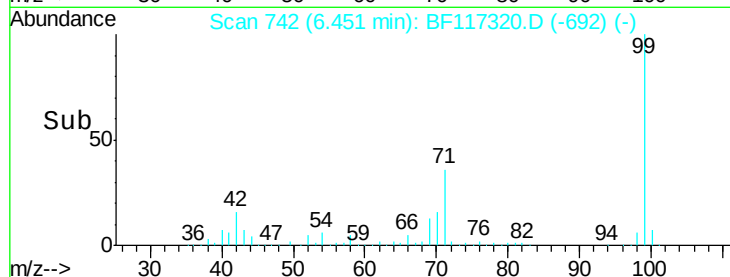
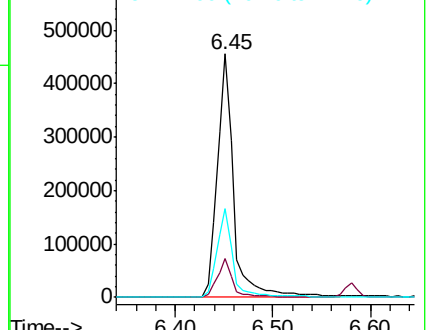
99 100

42 15.8 12.2 18.2

71 36.5 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: Below Cal

RT: 6.45 min Scan# 742

Delta R.T. 0.08 min

Lab File: BF117320.D

Acq: 3 Oct 2019 17:07

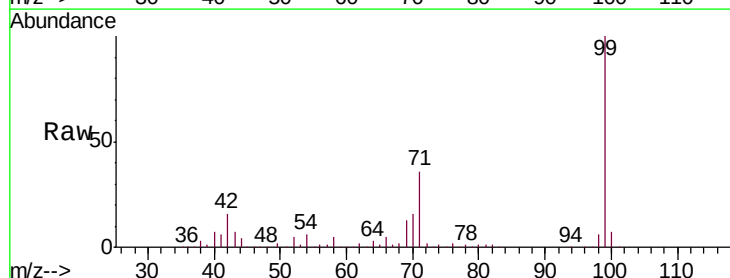
Tgt Ion: 77 Resp: 640

Ion Ratio Lower Upper

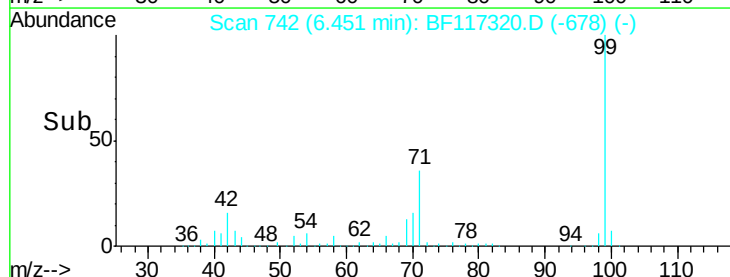
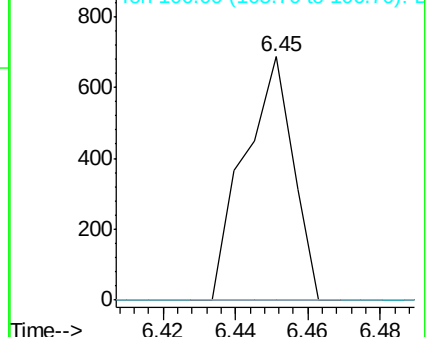
77 100

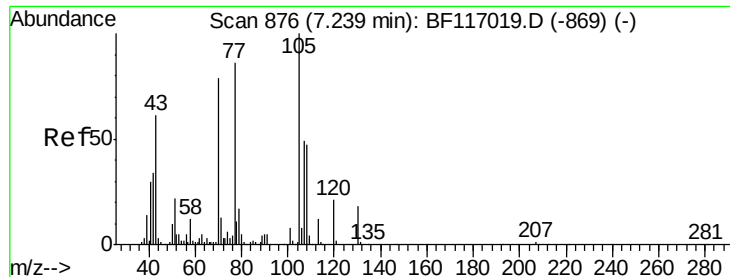
105 0.0 81.8 121.8#

106 0.0 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

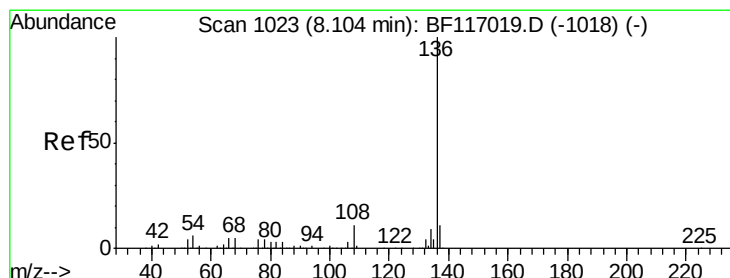
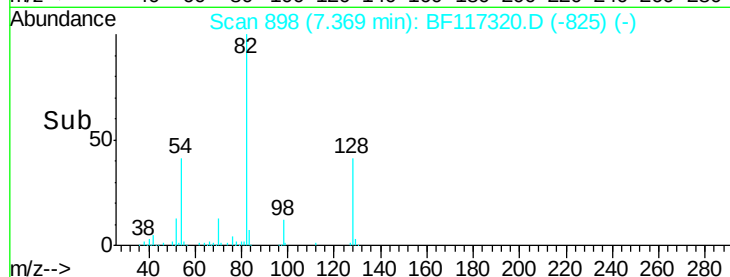
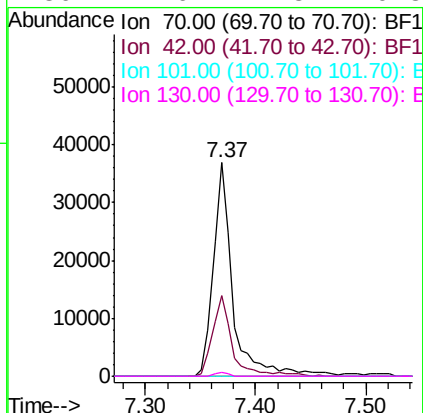
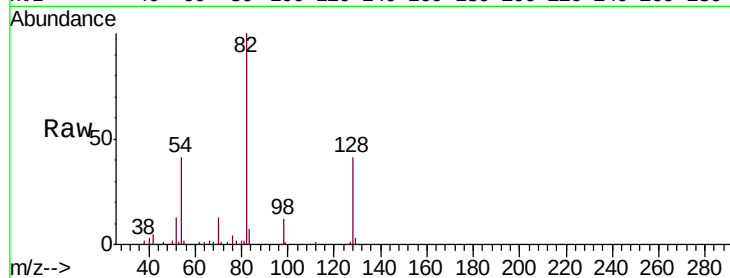




#19
n-Nitroso-di-n-propylamine
Concen: 17.371 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

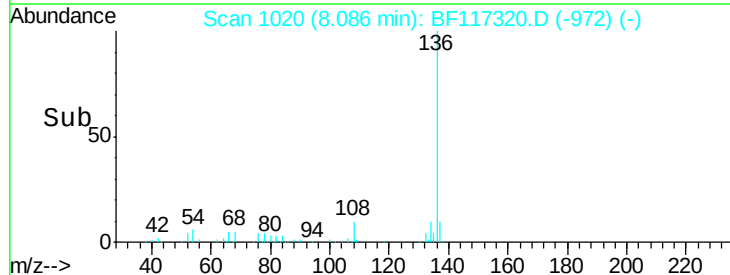
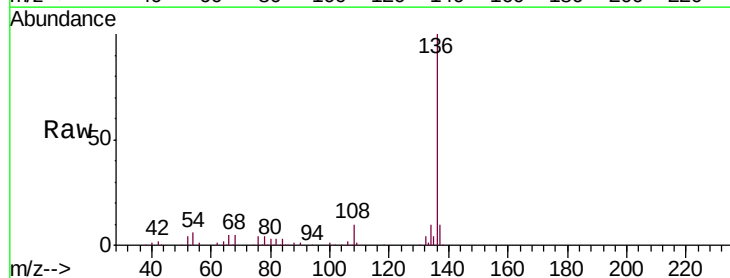
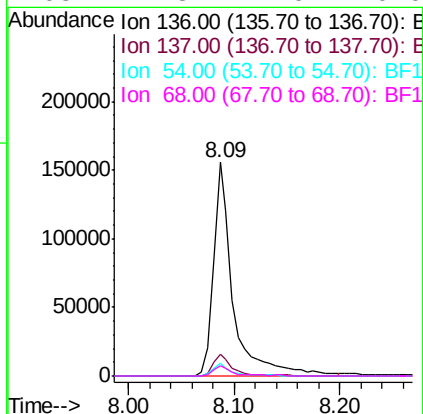
Instrument :
BNA_F
ClientSampled :
PB123594BL

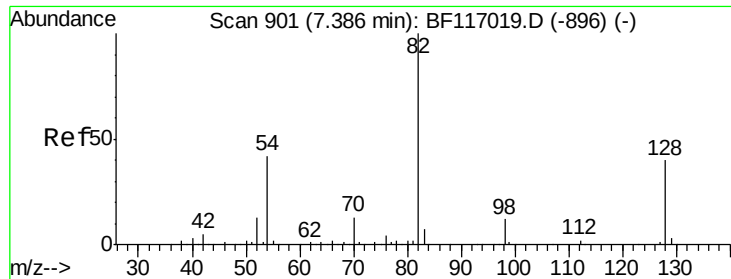
Tgt Ion: 70 Resp: 44606
Ion Ratio Lower Upper
70 100
42 37.6 34.0 51.0
101 0.0 7.8 11.6#
130 1.6 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion: 136 Resp: 205029
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 5.8 4.5 6.7
68 4.8 4.0 6.0

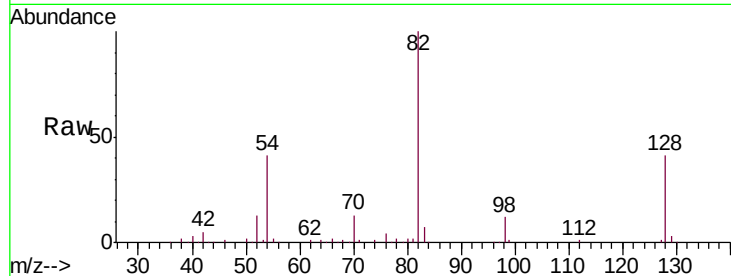




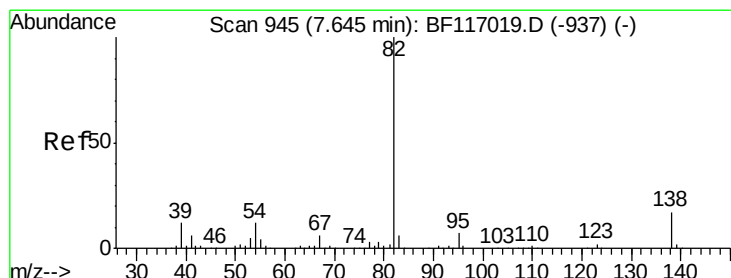
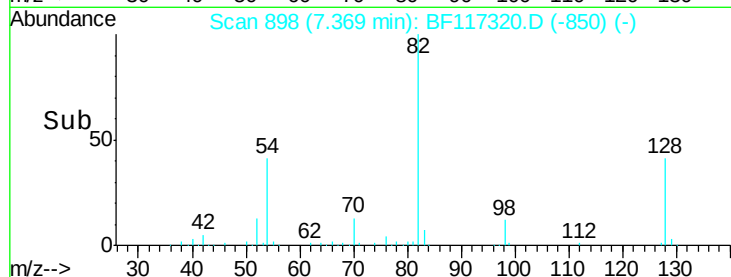
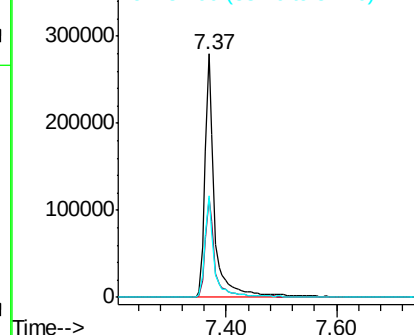
#23
 Nitrobenzene-d5
 Concen: 88.519 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117320.D
 Acq: 3 Oct 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.3	48.5
54	41.5	33.3	49.9

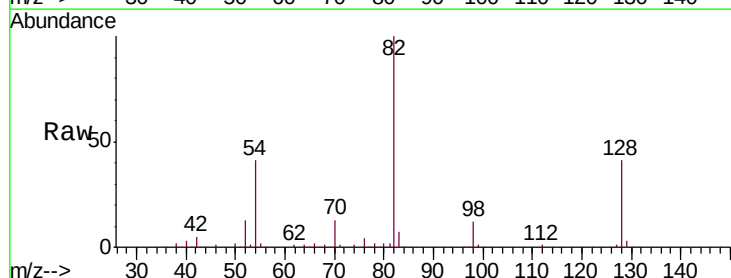


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

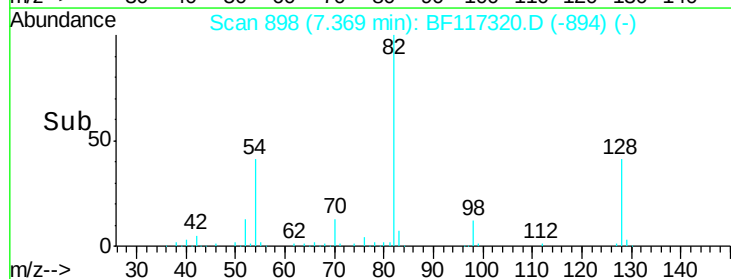
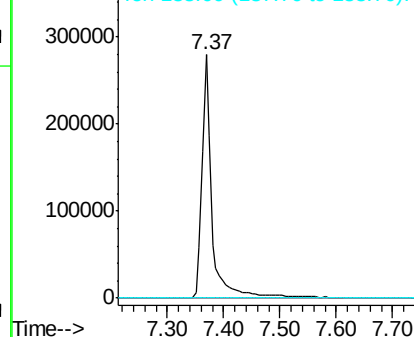


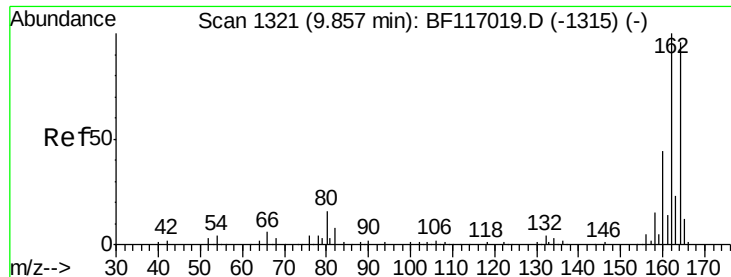
#25
 Isophorone
 Concen: 49.994 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.28 min
 Lab File: BF117320.D
 Acq: 3 Oct 2019 17:07

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



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

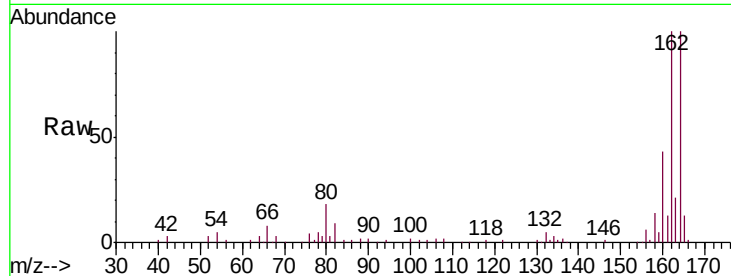




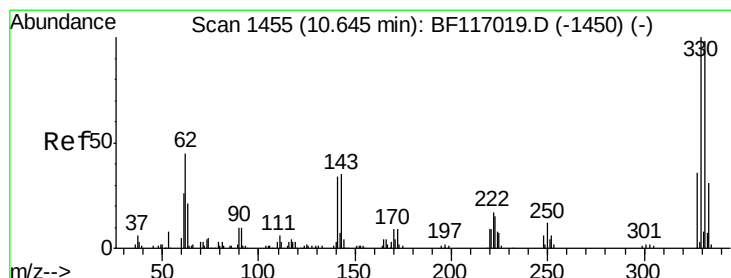
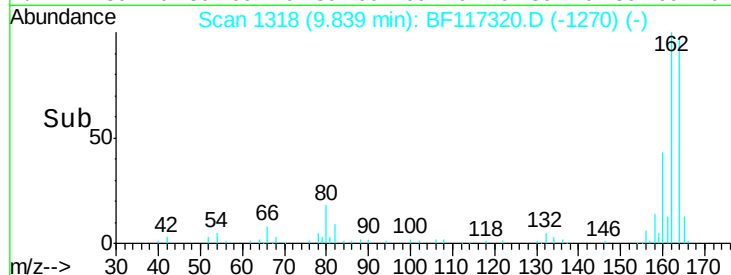
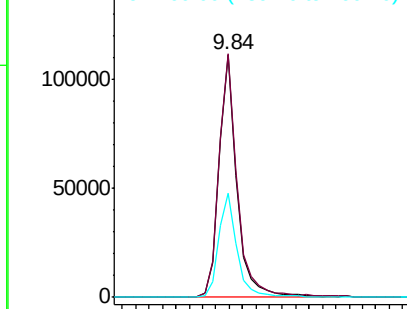
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion:164 Resp: 106960
Ion Ratio Lower Upper
164 100
162 100.4 83.4 125.2
160 42.8 36.4 54.6

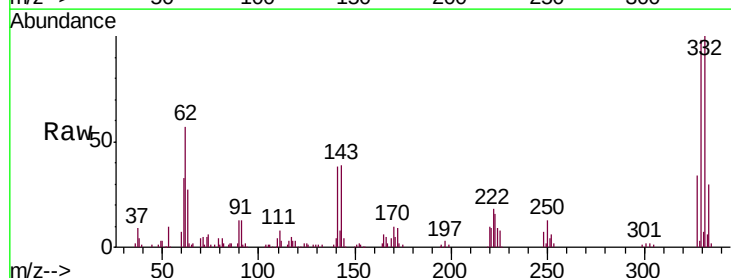


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

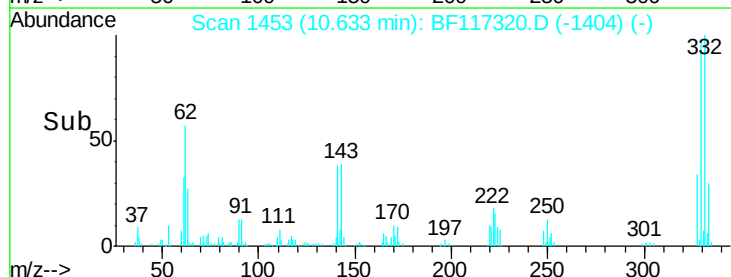
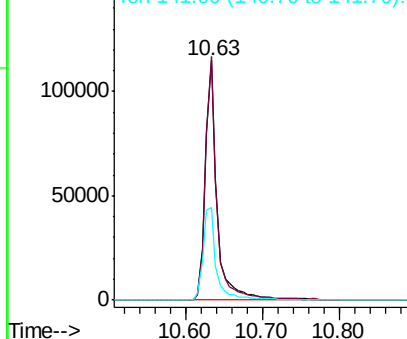


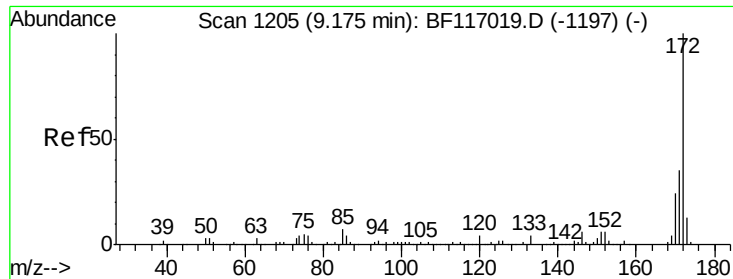
#42
2,4,6-Tribromophenol
Concen: 138.021 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion:330 Resp: 123383
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 43.3 35.8 53.6



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

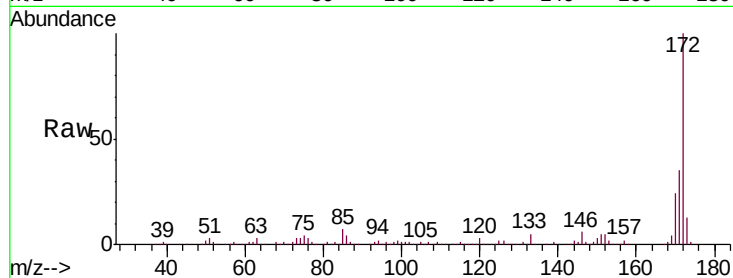




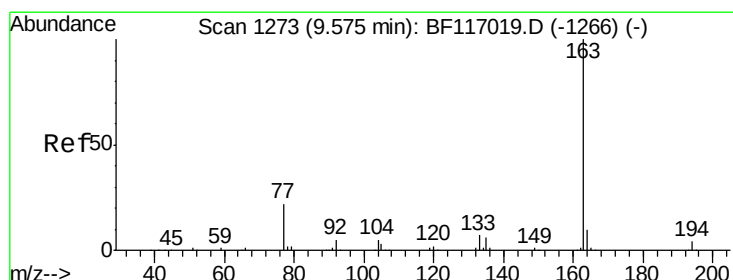
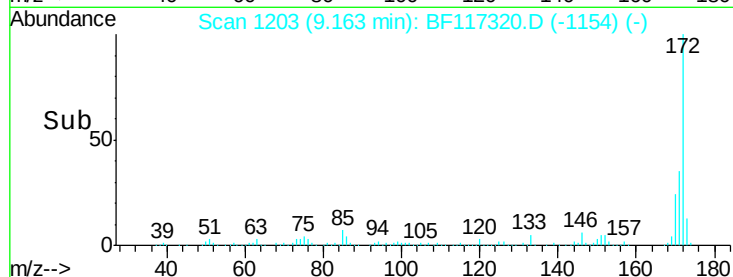
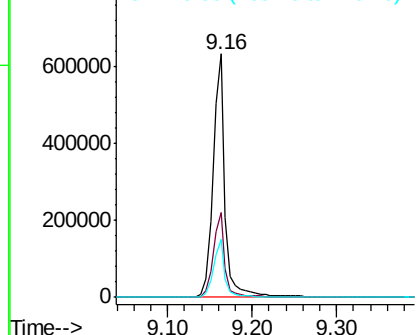
#45
 2-Fluorobiphenyl
 Concen: 93.074 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117320.D
 Acq: 3 Oct 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BL

Tgt Ion:172 Resp: 636695
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.2 42.2
 170 23.6 18.9 28.3

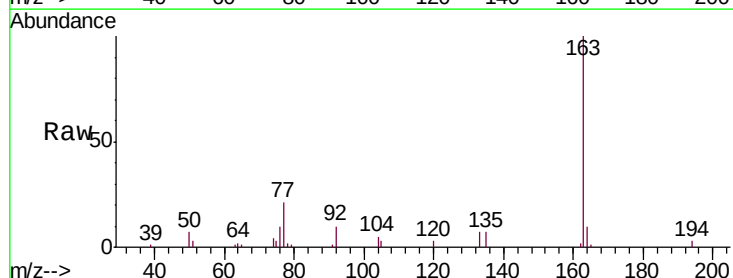


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

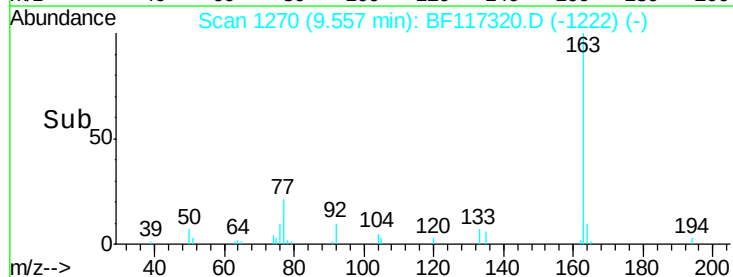
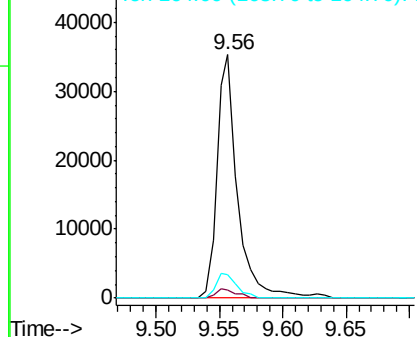


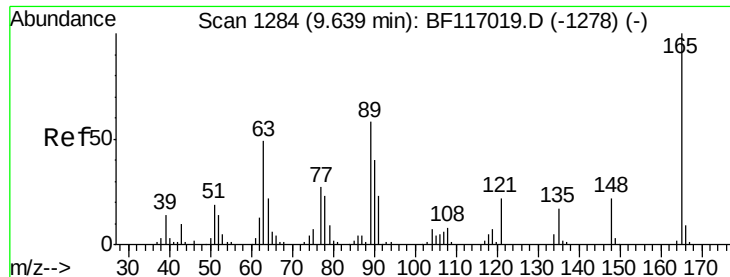
#50
 Dimethylphthalate
 Concen: 5.307 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF117320.D
 Acq: 3 Oct 2019 17:07

Tgt Ion:163 Resp: 40194
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.9 4.3
 164 9.8 8.2 12.4



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: 8.908 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.20 min

Lab File: BF117320.D

Acq: 3 Oct 2019 17:07

Instrument :

BNA_F

ClientSampleId :

PB123594BL

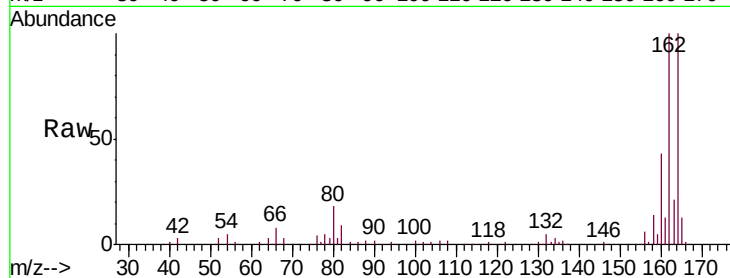
Tgt Ion:165 Resp: 13740

Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.8#

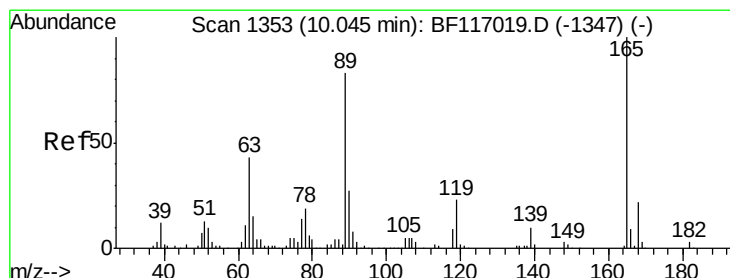
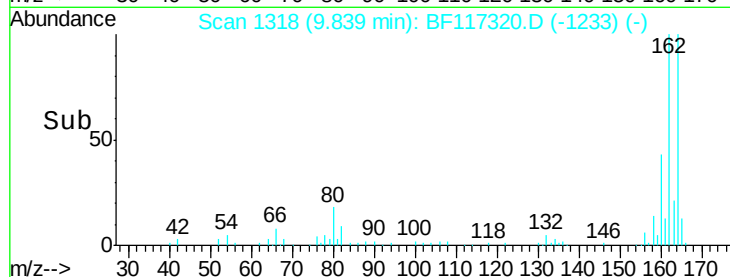
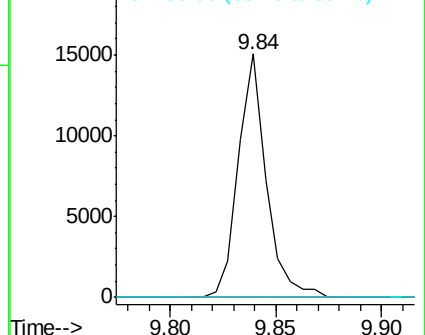
89 0.0 46.5 69.7#



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: 6.863 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.21 min

Lab File: BF117320.D

Acq: 3 Oct 2019 17:07

Tgt Ion:165 Resp: 13740

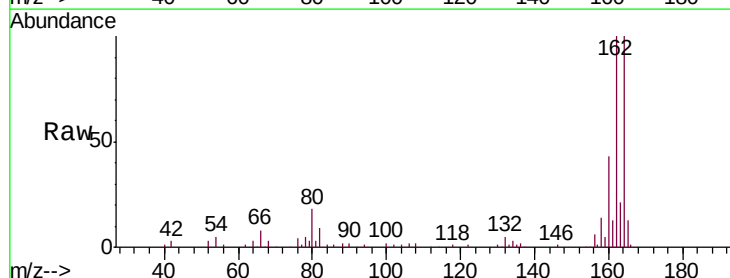
Ion Ratio Lower Upper

165 100

63 0.0 35.0 52.4#

89 0.0 66.1 99.1#

182 0.0 2.0 3.0#

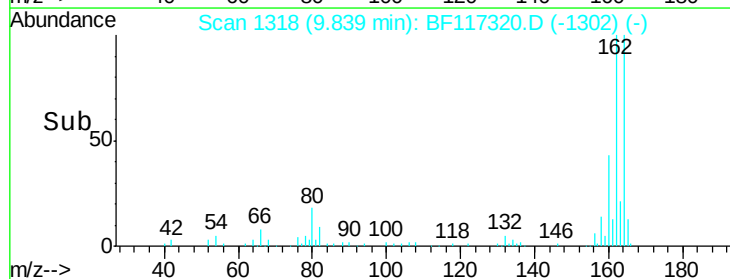
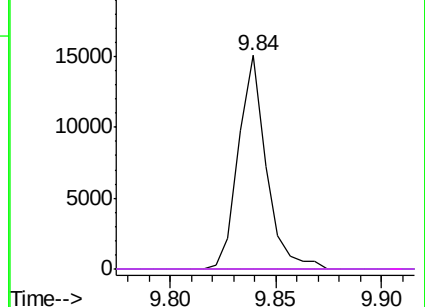


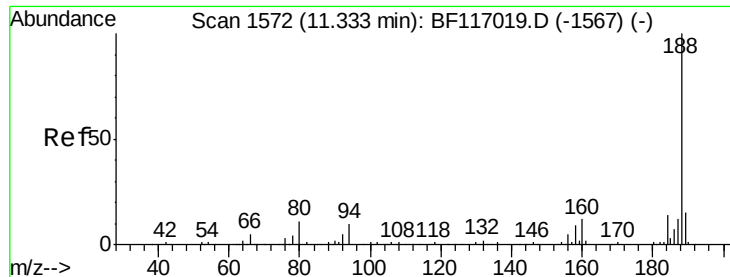
Abundance Ion 165.00 (164.70 to 165.70): E

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

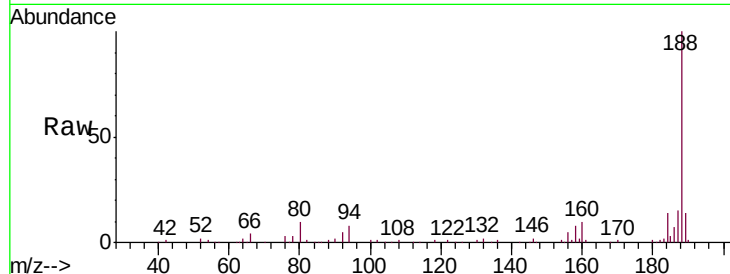




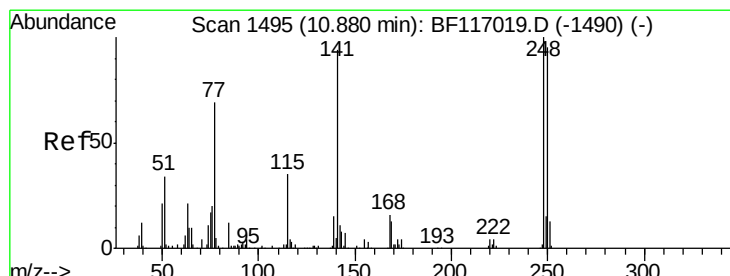
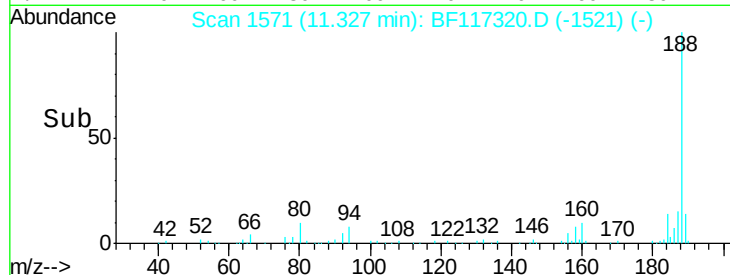
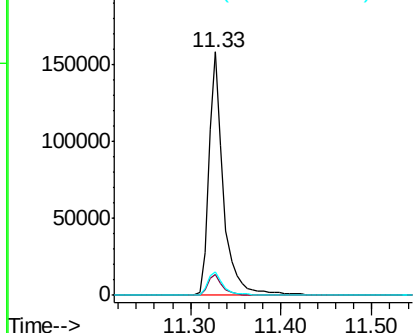
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion:188 Resp: 178770
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.7 9.0 13.6

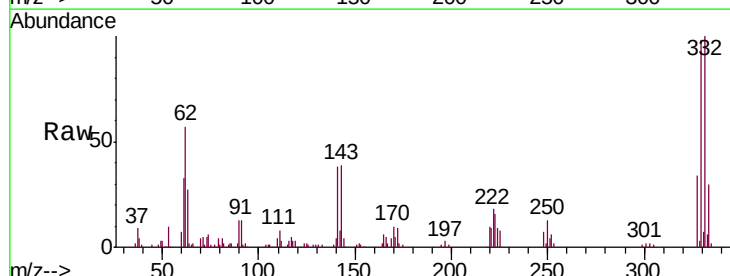


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

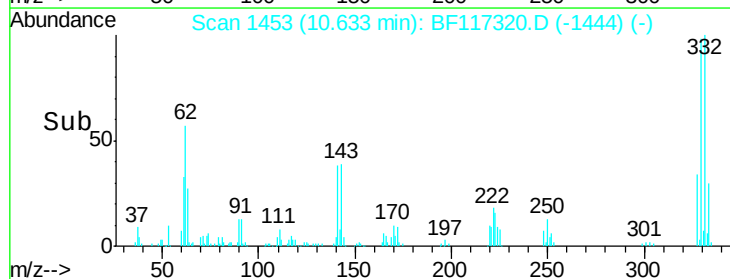
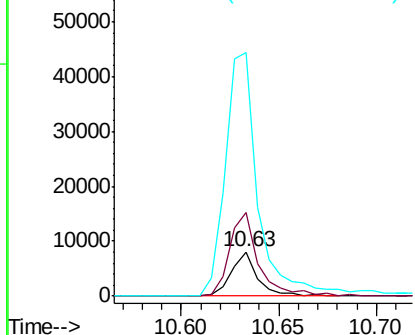


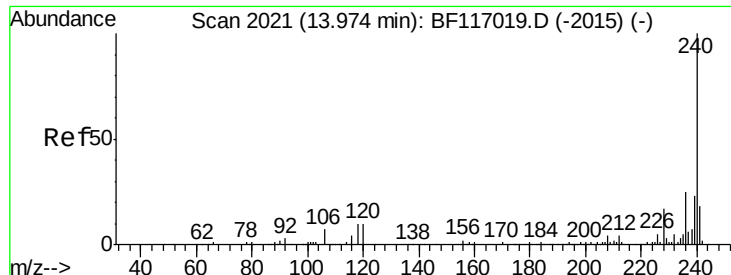
#67
4-Bromophenyl-phenylether
Concen: 4.155 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion:248 Resp: 7586
Ion Ratio Lower Upper
248 100
250 188.7 76.2 114.4#
141 549.1 75.0 112.4#



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

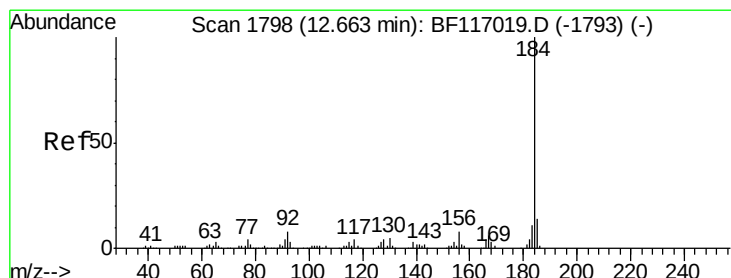
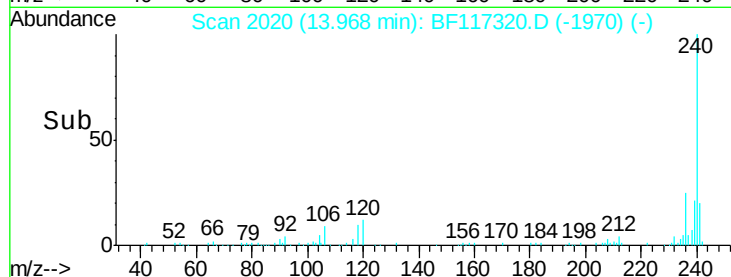
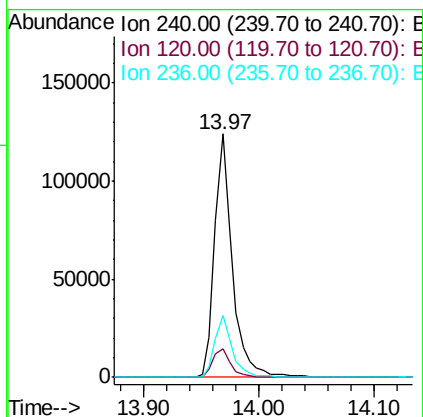
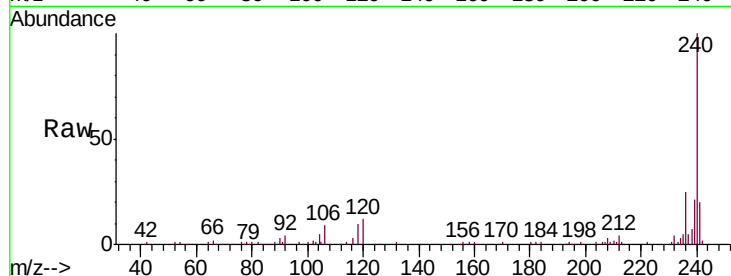




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117320.D
 Acq: 3 Oct 2019 17:07

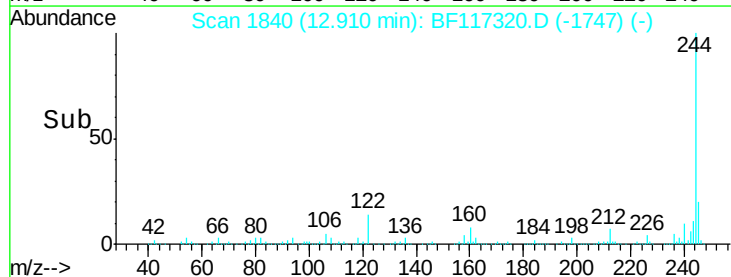
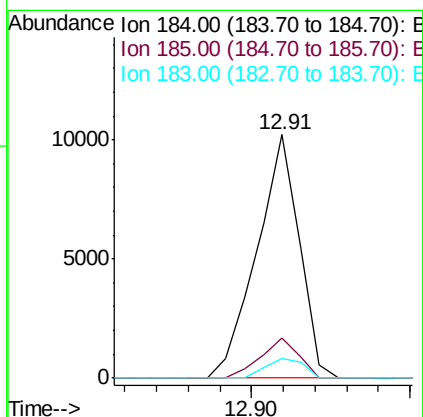
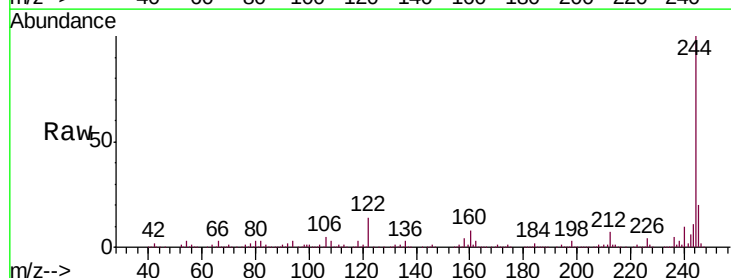
Instrument :
 BNA_F
 ClientSampleId :
 PB123594BL

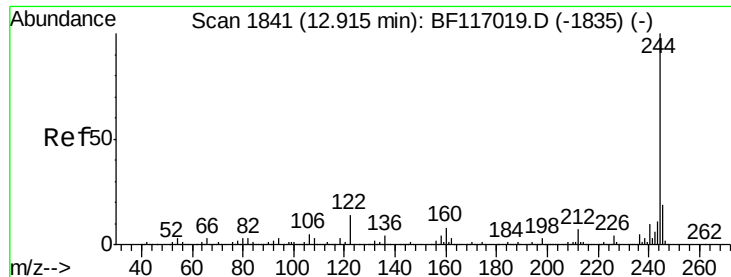
Tgt Ion:240 Resp: 132632
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.3 12.5
 236 25.3 20.3 30.5



#77
 Benzidine
 Concen: 2.222 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.25 min
 Lab File: BF117320.D
 Acq: 3 Oct 2019 17:07

Tgt Ion:184 Resp: 9494
 Ion Ratio Lower Upper
 184 100
 185 16.5 11.6 17.4
 183 8.1 9.0 13.4#

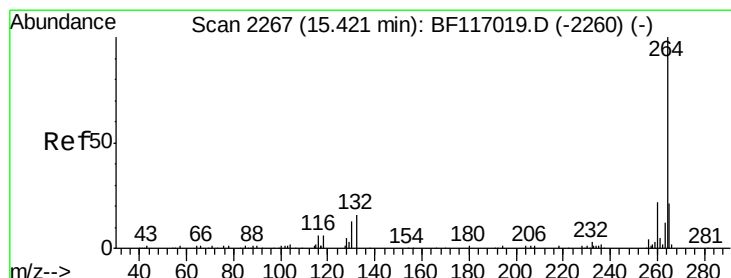
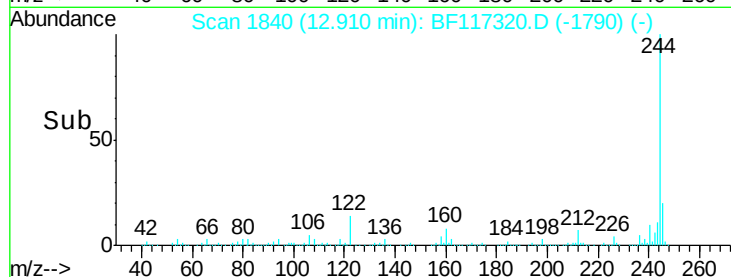
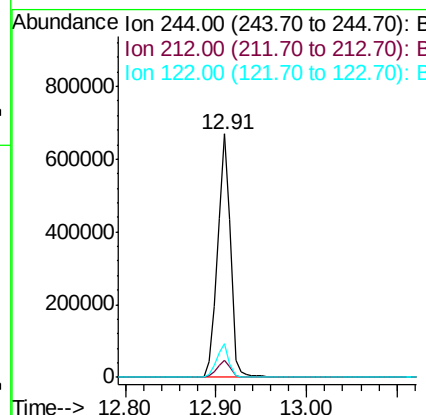
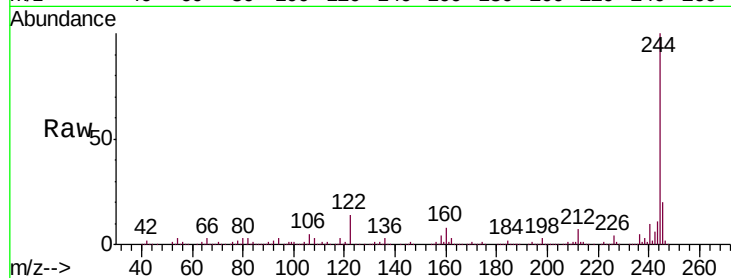




#79
 Terphenyl-d14
 Concen: 93.557 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117320.D
 Acq: 3 Oct 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BL

Tgt Ion: 244 Resp: 663838
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 14.0 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF117320.D
 Acq: 3 Oct 2019 17:07

Tgt Ion: 264 Resp: 117282
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.6 26.4
 265 20.3 16.6 24.8

