

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117310.D
 Acq On : 2 Oct 2019 20:02
 Operator : JU
 Sample : K5131-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:32:42 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

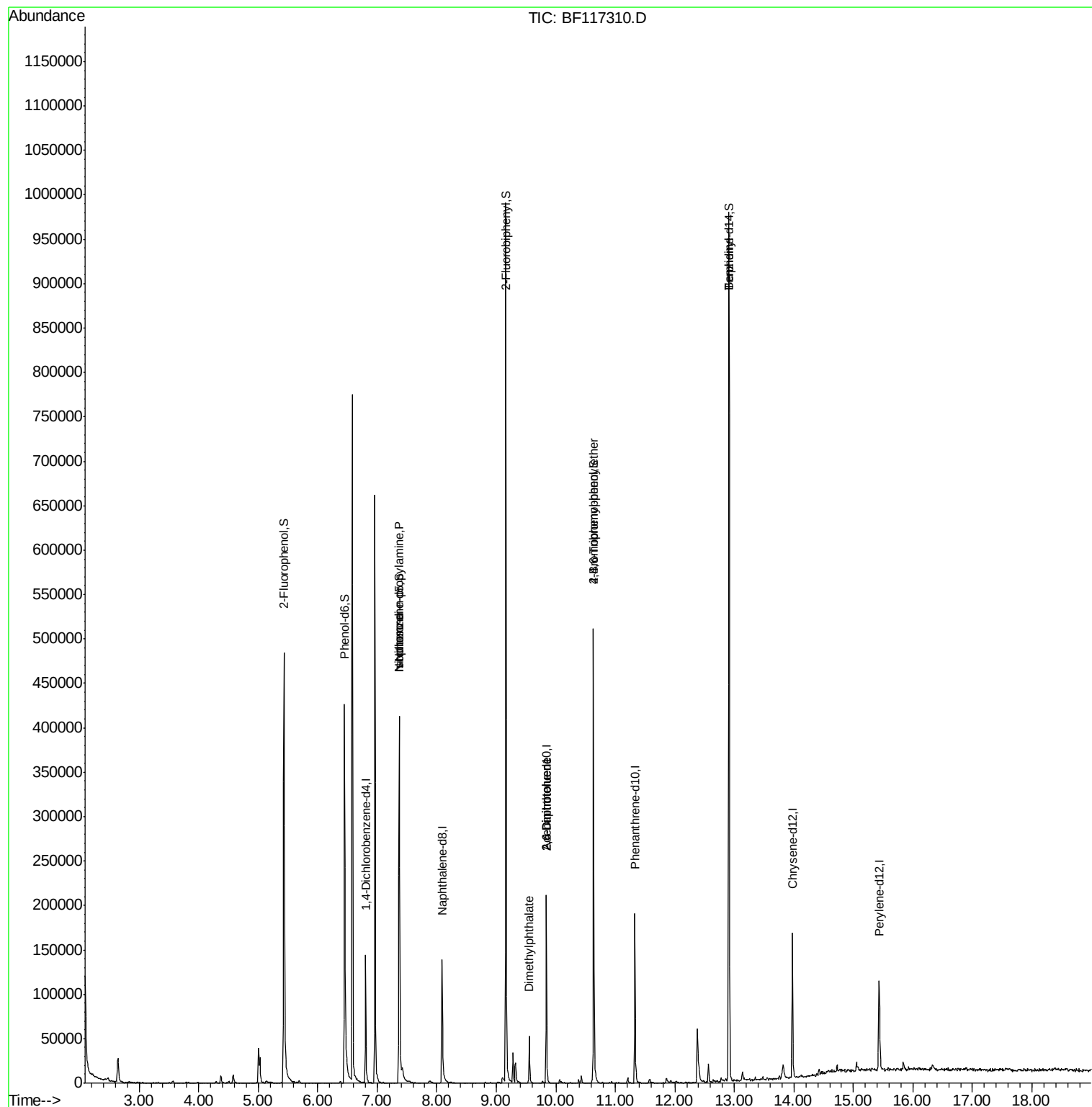
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	23964	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	93285	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	48854	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	83668	20.00	ng	0.00
76) Chrysene-d12	13.97	240	60004	20.00	ng	0.00
87) Perylene-d12	15.43	264	52858	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	175151	114.11	ng	0.00
7) Phenol-d6	6.45	99	201568	101.61	ng	0.00
23) Nitrobenzene-d5	7.37	82	168310	94.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	60805	148.92	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	306127	97.98	ng	-0.01
79) Terphenyl-d14	12.91	244	314510	97.97	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	653	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	22252	18.422 ng	#	73
25) Isophorone	7.37	82	168309	53.541 ng	#	66
50) Dimethylphthalate	9.56	163	23966	6.928 ng		98
51) 2,6-Dinitrotoluene	9.84	165	6091	8.646 ng	#	24
57) 2,4-Dinitrotoluene	9.84	165	6091	6.661 ng	#	18
67) 4-Bromophenyl-phenylether	10.63	248	3792	4.438 ng	#	1
77) Benzydine	12.91	184	3969	2.053 ng	#	93

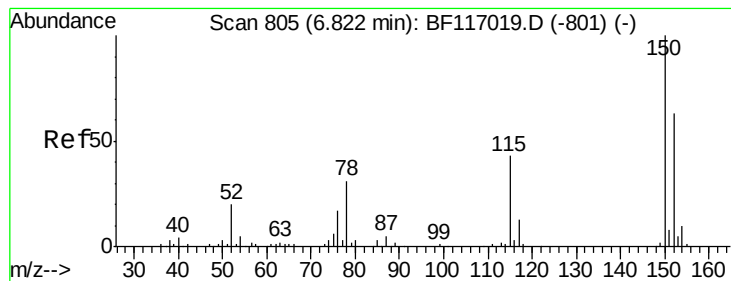
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117310.D
Acq On : 2 Oct 2019 20:02
Operator : JU
Sample : K5131-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 03 01:32:42 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



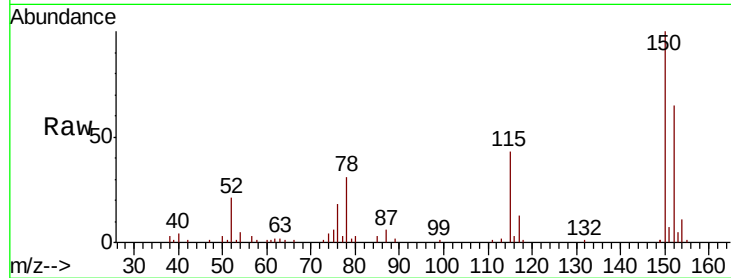


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	127.5	191.3
115	65.5	55.0	82.4

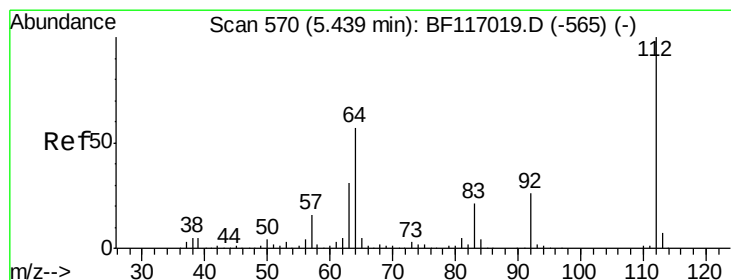
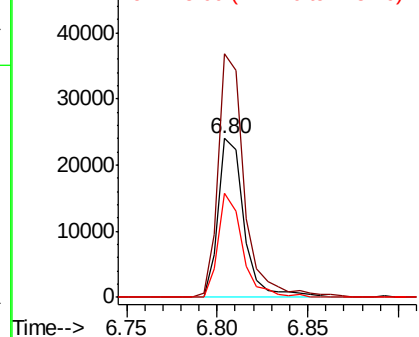
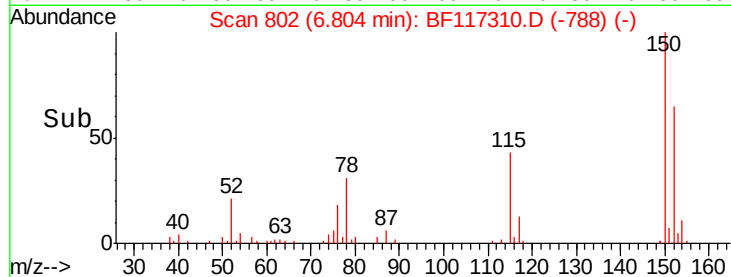


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

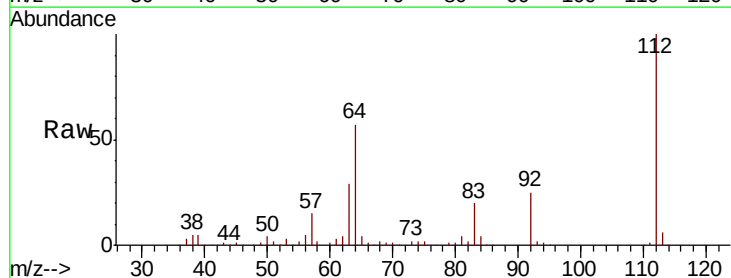
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.110 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.7	68.5
63	29.4	24.9	37.3

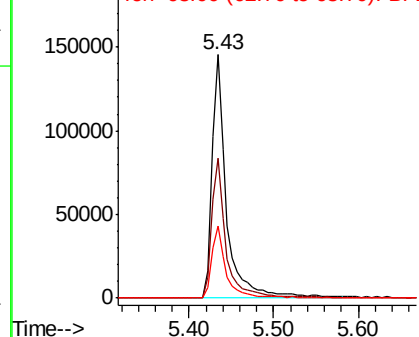
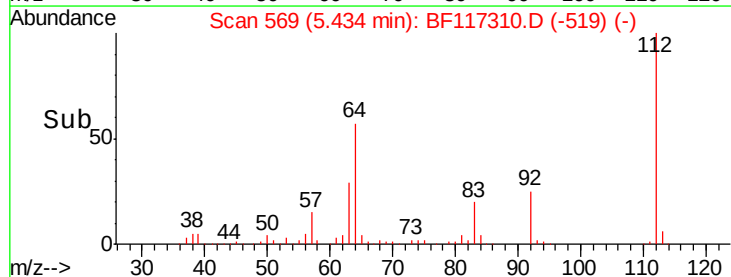


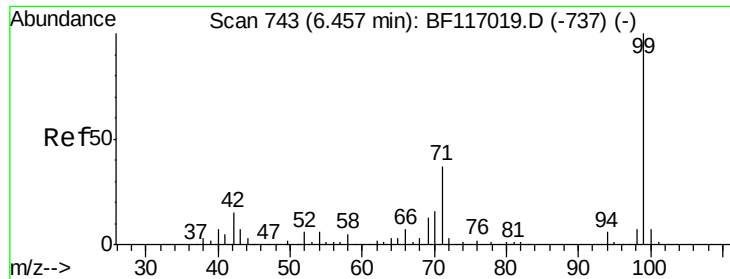
Abundance

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: 101.613 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117310.D

Acq: 2 Oct 2019 20:02

Instrument :

BNA_F

ClientSampleId :

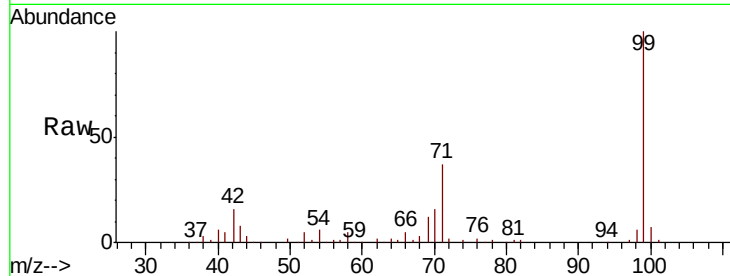
Tot Ion: 99 Resp: 201568

Ion Ratio Lower Upper

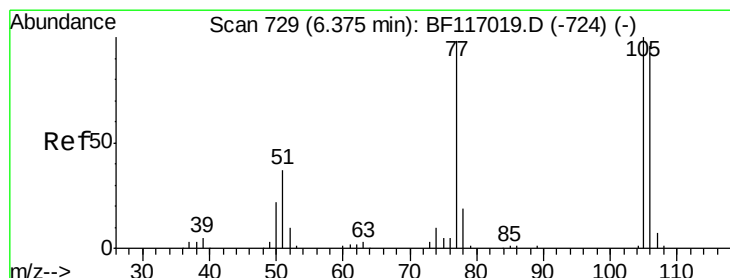
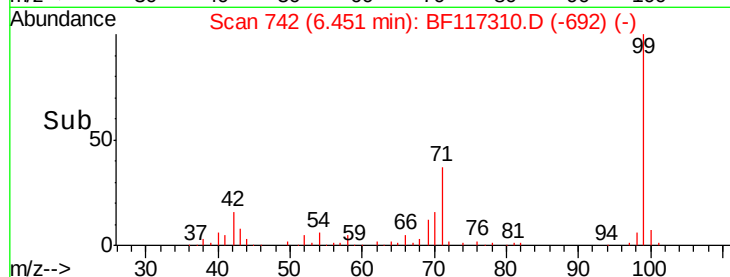
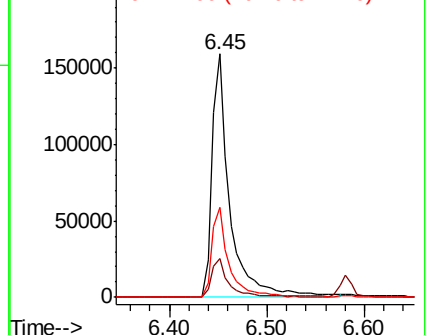
99 100

42 16.0 12.2 18.2

71 37.2 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: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117310.D

Acq: 2 Oct 2019 20:02

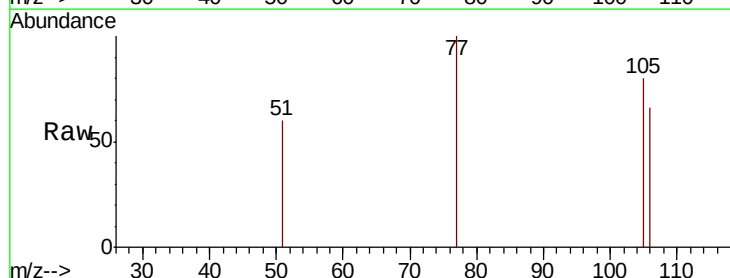
Tgt Ion: 77 Resp: 653

Ion Ratio Lower Upper

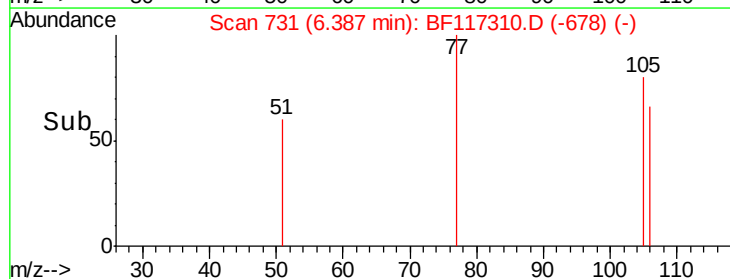
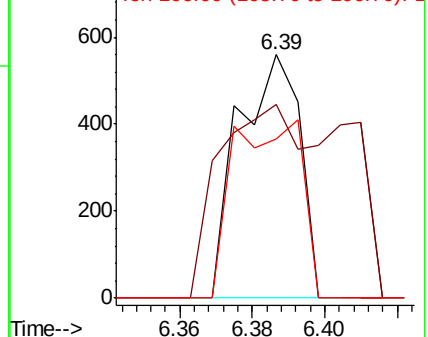
77 100

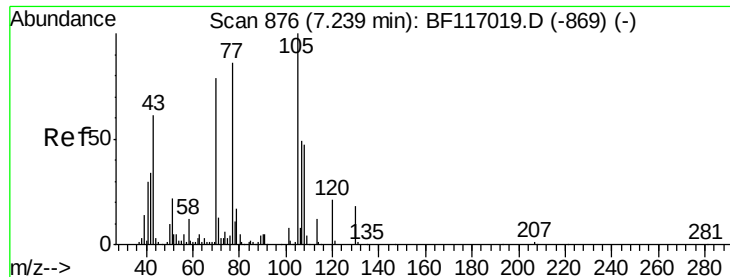
105 79.6 81.8 121.8#

106 65.5 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

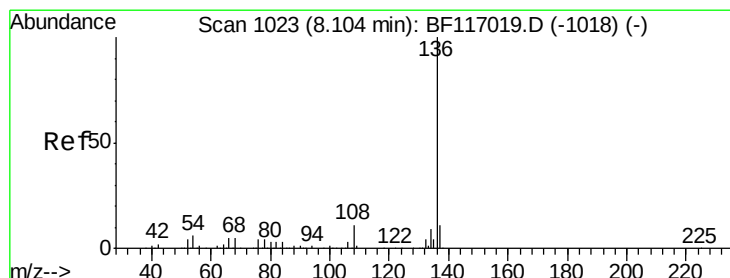
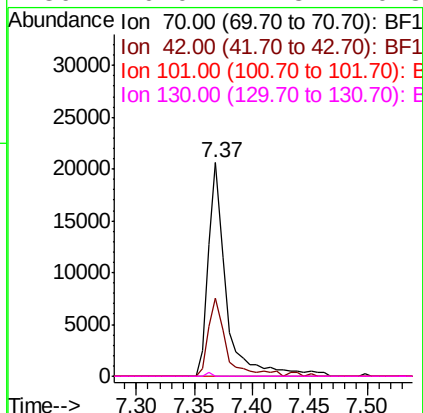
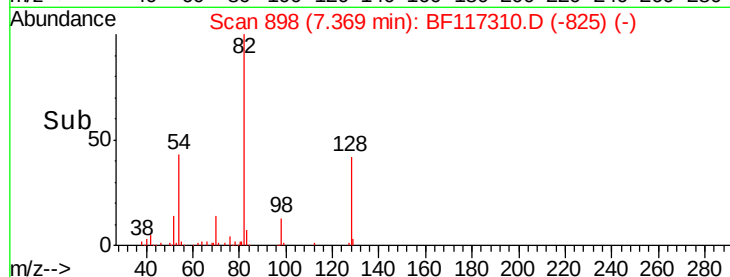
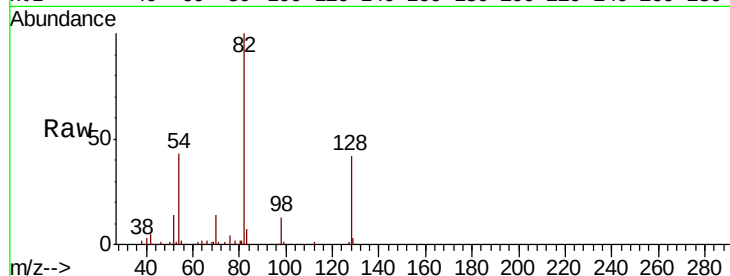




#19
n-Nitroso-di-n-propylamine
Concen: 18.422 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

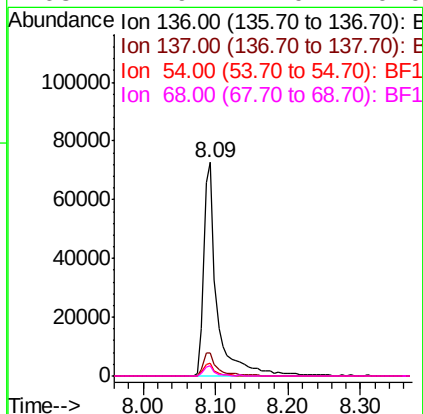
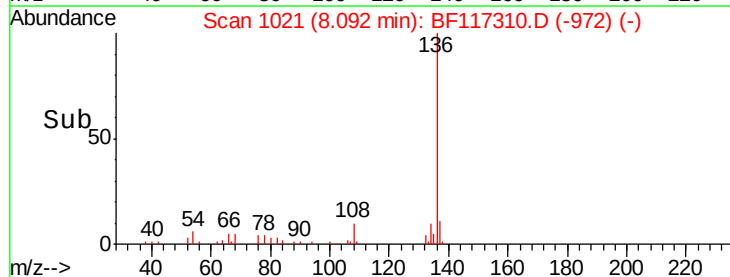
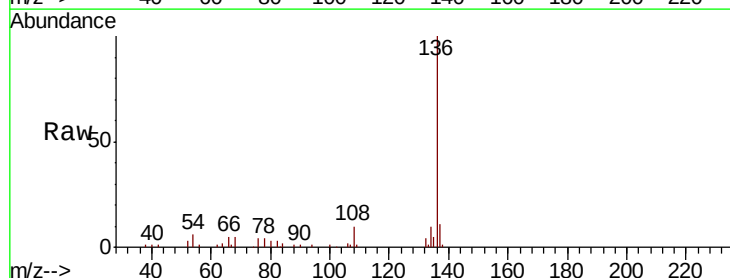
Instrument :
BNA_F
ClientSampleId :

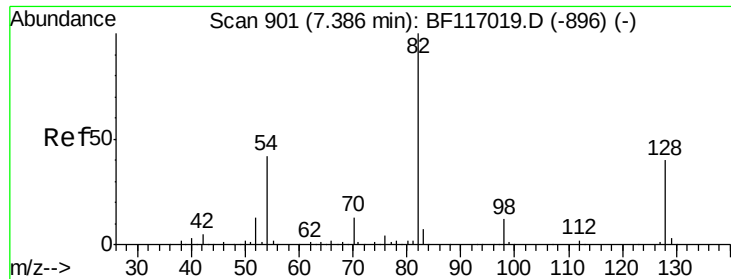
Tot Ion: 70 Resp: 22252
Ion Ratio Lower Upper
70 100
42 36.3 34.0 51.0
101 0.0 7.8 11.6#
130 0.0 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Tgt Ion: 136 Resp: 93285
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 5.8 4.5 6.7
68 4.9 4.0 6.0

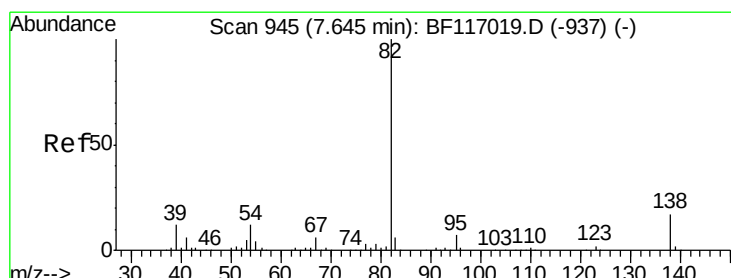
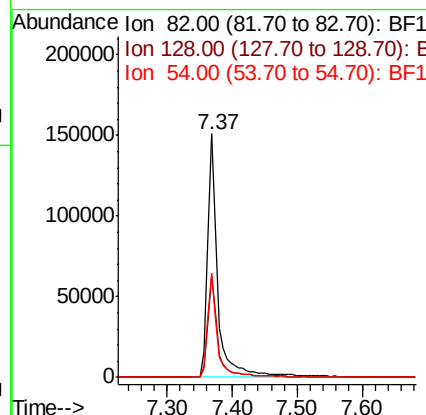
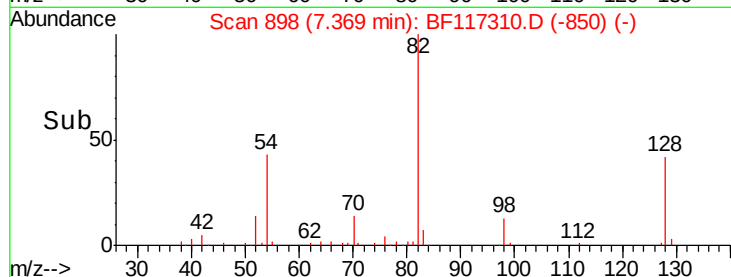
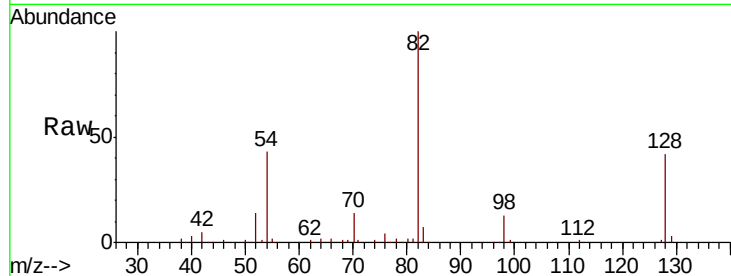




#23
Nitrobenzene-d5
Concen: 94.800 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

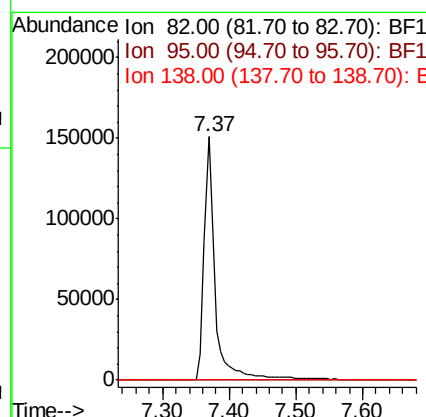
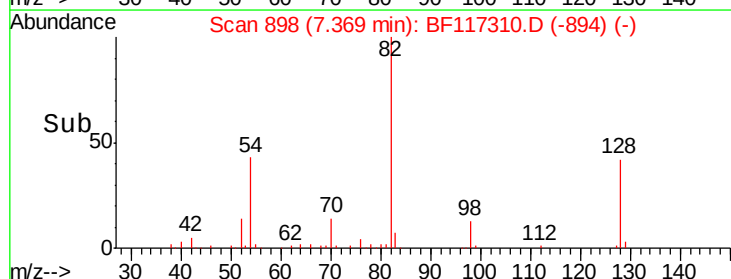
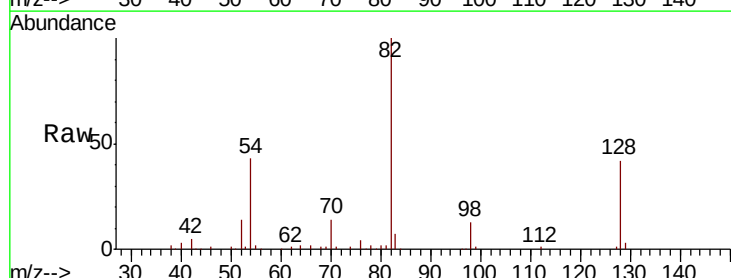
Instrument :
BNA_F
ClientSampleId :

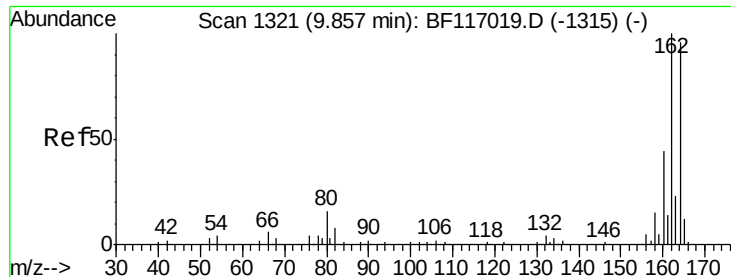
Tot Ion	82	Resp	168310
Ion Ratio	100	Lower	Upper
128	41.9	32.3	48.5
54	42.6	33.3	49.9



#25
Isophorone
Concen: 53.541 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Tgt Ion	82	Resp	168309
Ion Ratio	100	Lower	Upper
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

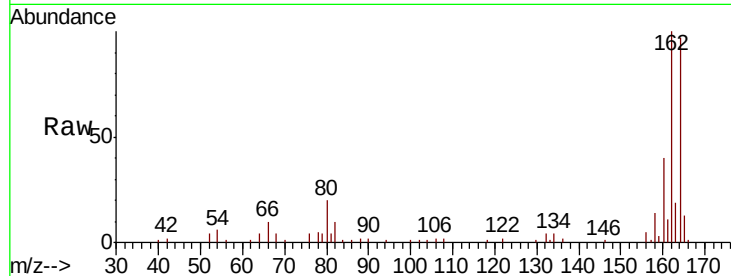




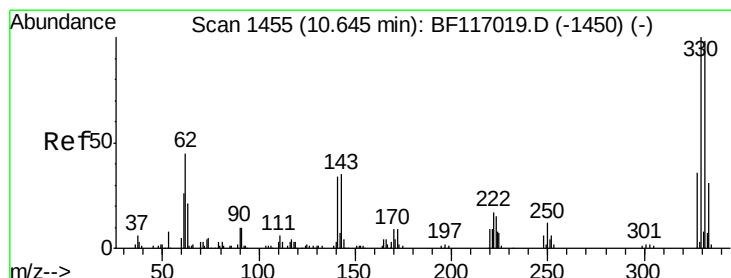
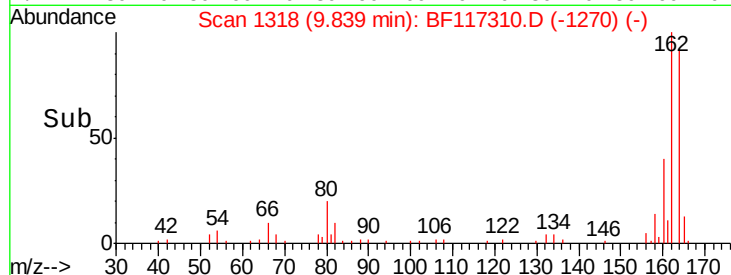
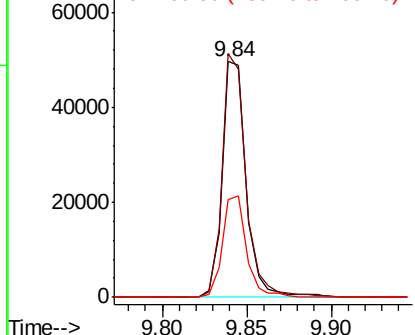
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 48854
Ion Ratio Lower Upper
164 100
162 103.3 83.4 125.2
160 41.6 36.4 54.6

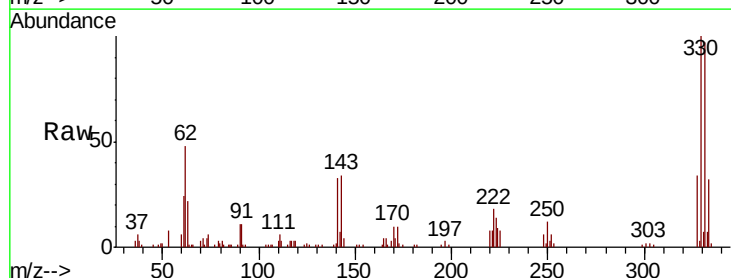


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

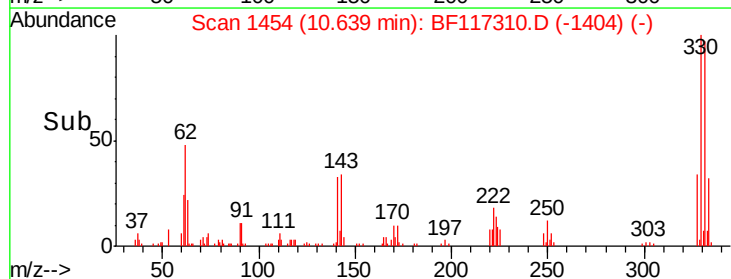
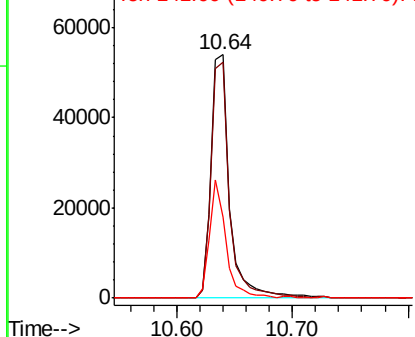


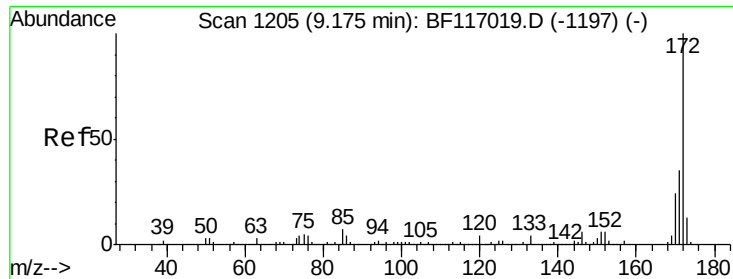
#42
2,4,6-Tribromophenol
Concen: 148.920 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Tgt Ion:330 Resp: 60805
Ion Ratio Lower Upper
330 100
332 95.1 78.0 117.0
141 42.3 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

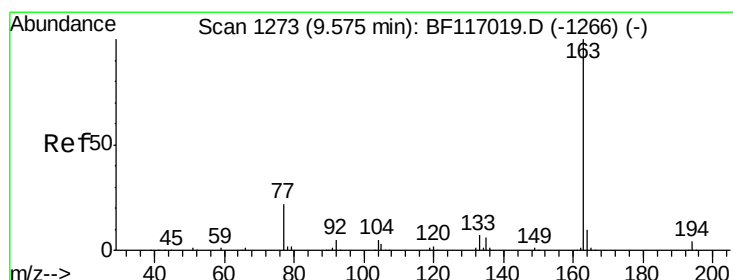
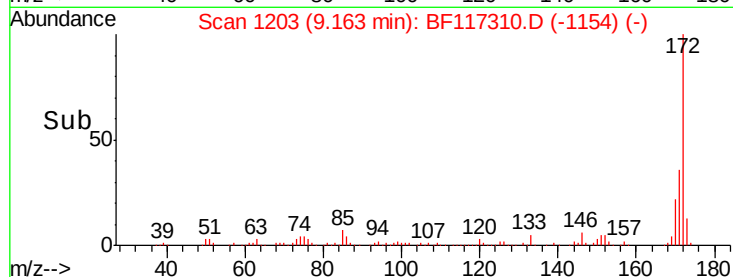
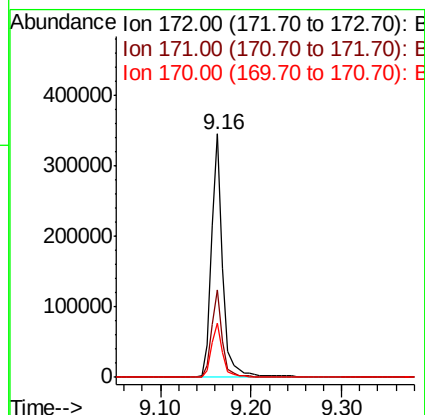
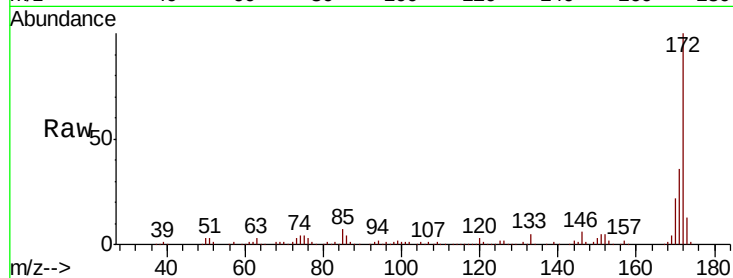




#45
2-Fluorobiphenyl
Concen: 97.976 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

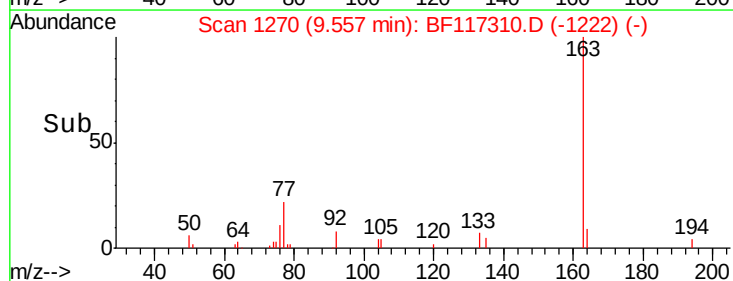
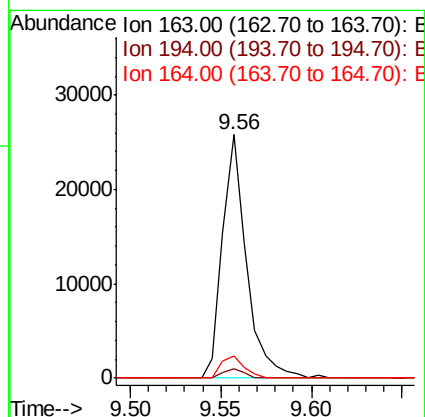
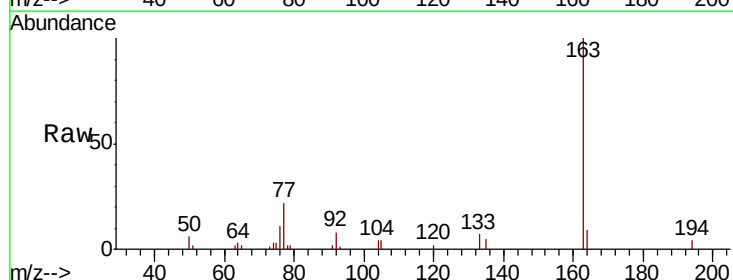
Instrument :
BNA_F
ClientSampleId :

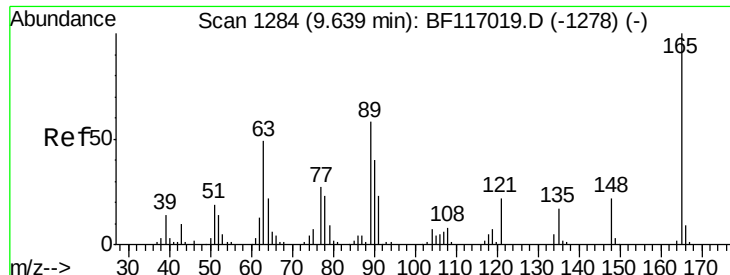
Tot Ion:172 Resp: 306127
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 22.5 18.9 28.3



#50
Dimethylphthalate
Concen: 6.928 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Tgt Ion:163 Resp: 23966
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.2 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 8.646 ng

RT: 9.84 min Scan# 1318

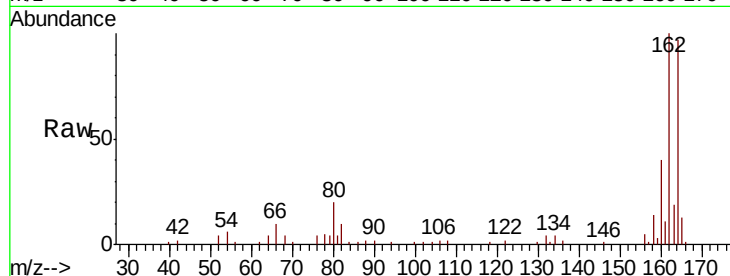
Delta R.T. 0.20 min

Lab File: BF117310.D

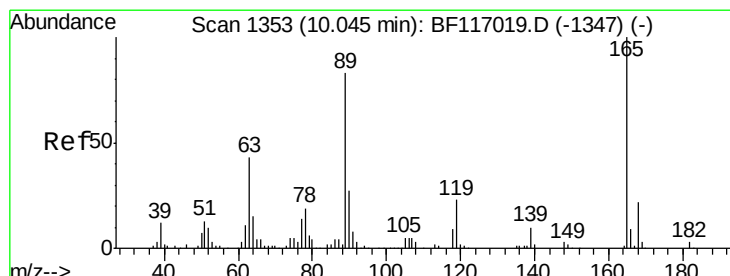
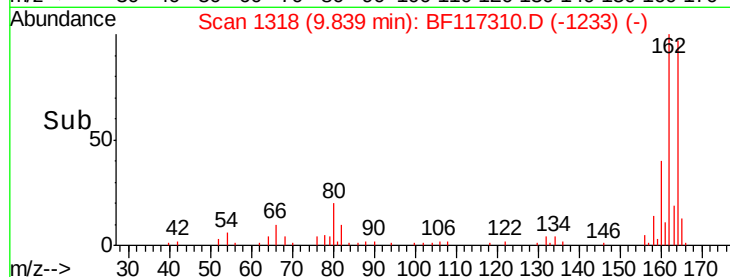
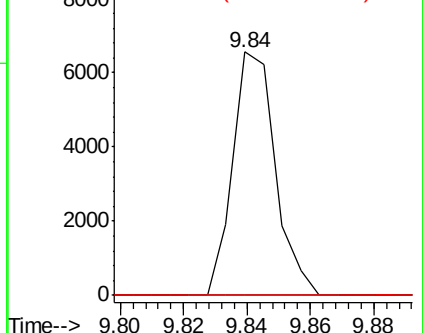
Acq: 2 Oct 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	6091
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: 6.661 ng

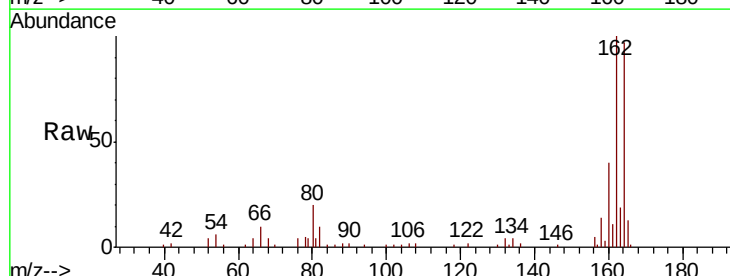
RT: 9.84 min Scan# 1318

Delta R.T. -0.21 min

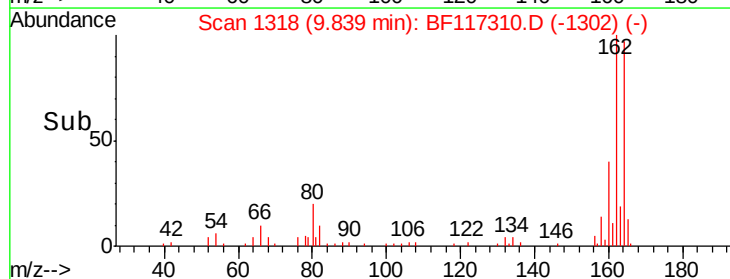
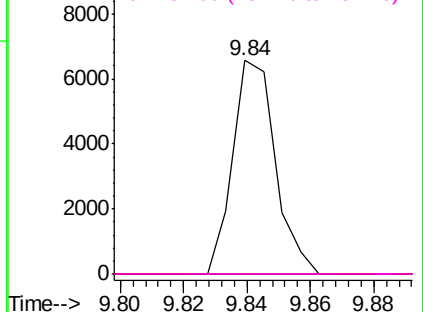
Lab File: BF117310.D

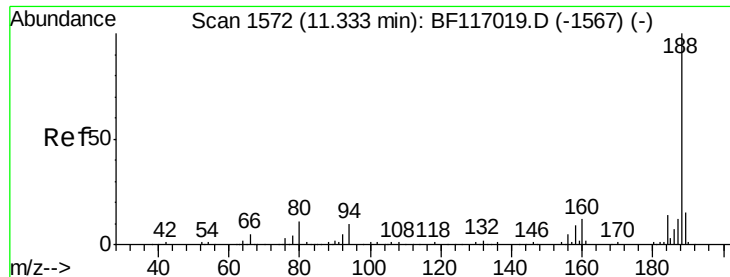
Acq: 2 Oct 2019 20:02

Tgt Ion:165	Resp:	6091
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# 1572

Delta R.T. 0.00 min

Lab File: BF117310.D

Acq: 2 Oct 2019 20:02

Instrument :

BNA_F

ClientSampled :

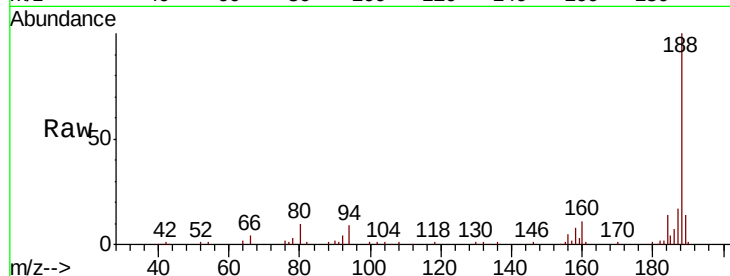
Tot Ion:188 Resp: 83668

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

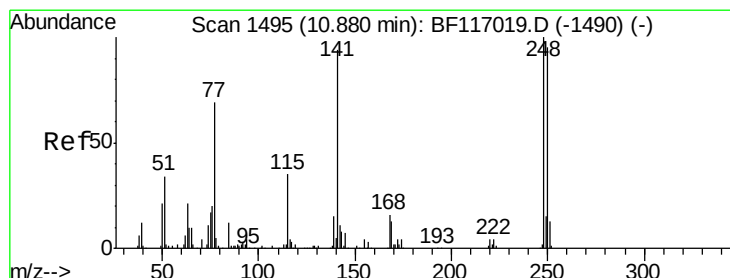
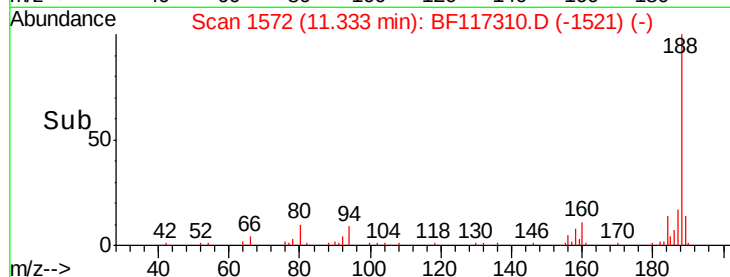
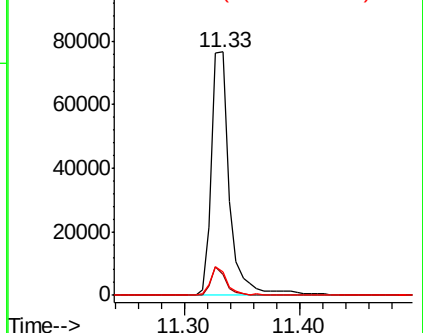
80 9.6 9.0 13.6



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: 4.438 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.25 min

Lab File: BF117310.D

Acq: 2 Oct 2019 20:02

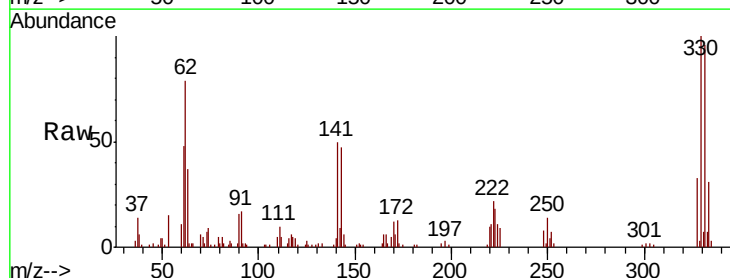
Tgt Ion:248 Resp: 3792

Ion Ratio Lower Upper

248 100

250 178.6 76.2 114.4#

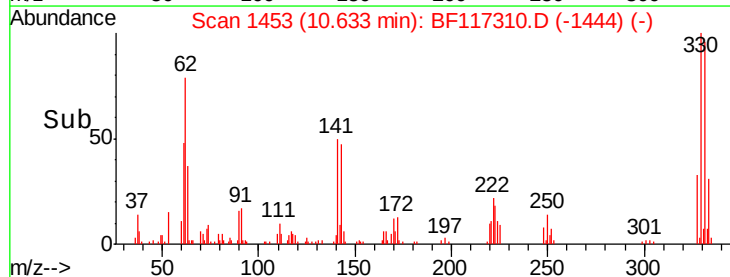
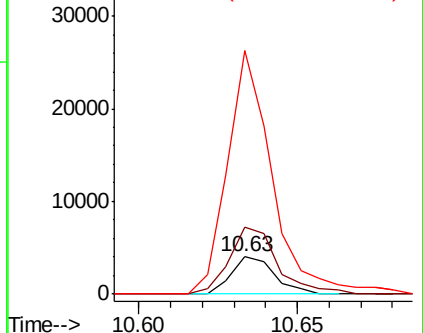
141 652.9 75.0 112.4#

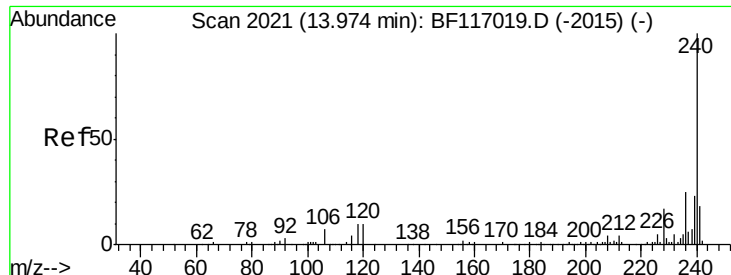


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

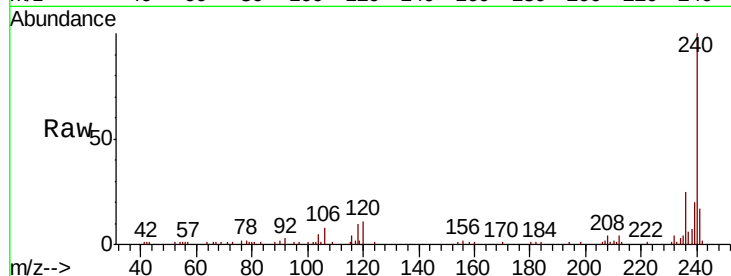




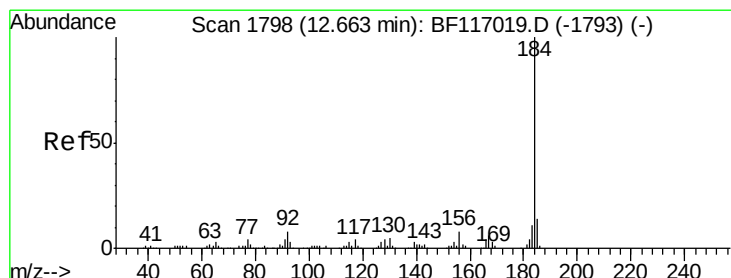
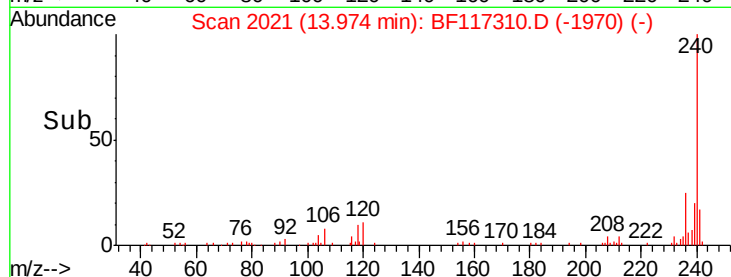
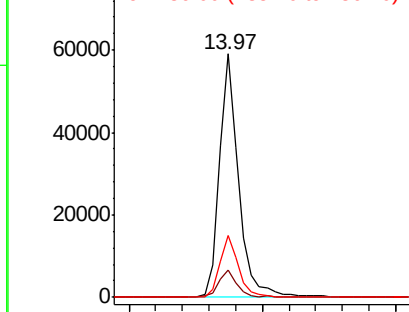
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 60004
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 25.2 20.3 30.5

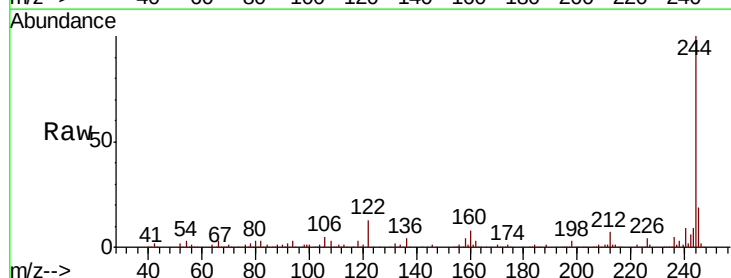


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

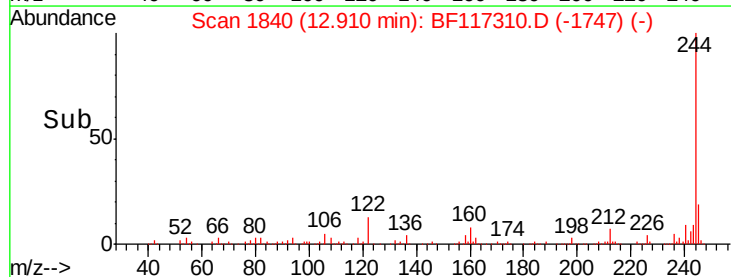
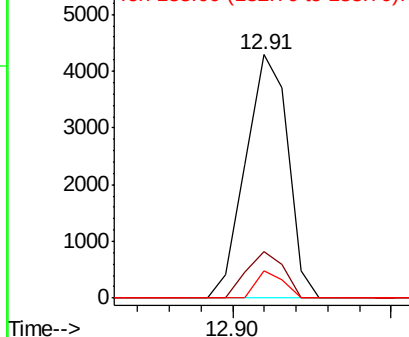


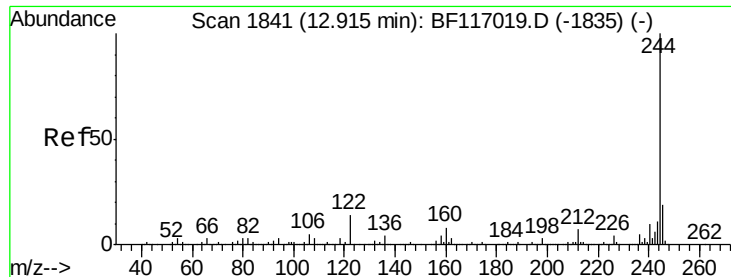
#77
Benzidine
Concen: 2.053 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.25 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Tgt Ion:184 Resp: 3969
Ion Ratio Lower Upper
184 100
185 19.2 11.6 17.4#
183 11.0 9.0 13.4



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



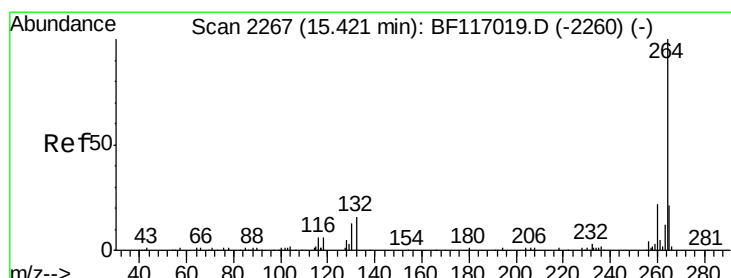
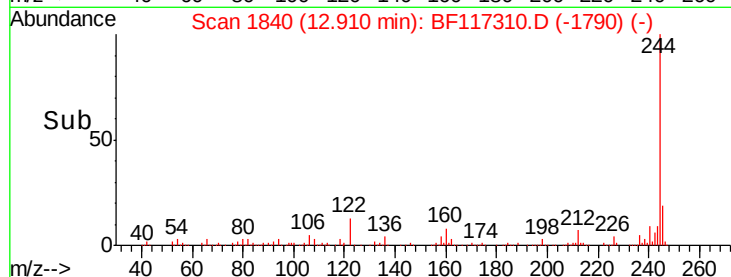
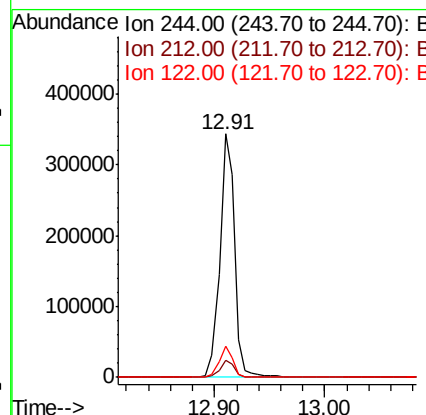
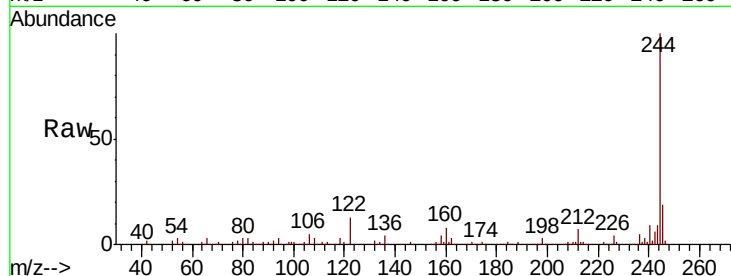


#79
 Terphenyl-d14
 Concen: 97.975 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117310.D
 Acq: 2 Oct 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 314510

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.0	11.3	16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117310.D
 Acq: 2 Oct 2019 20:02

Tgt Ion:264 Resp: 52858

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.6	26.4
265	21.7	16.6	24.8

