

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119364.D
 Acq On : 12 Mar 2020 00:10
 Operator : CG/JU
 Sample : L1874-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 05:12:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

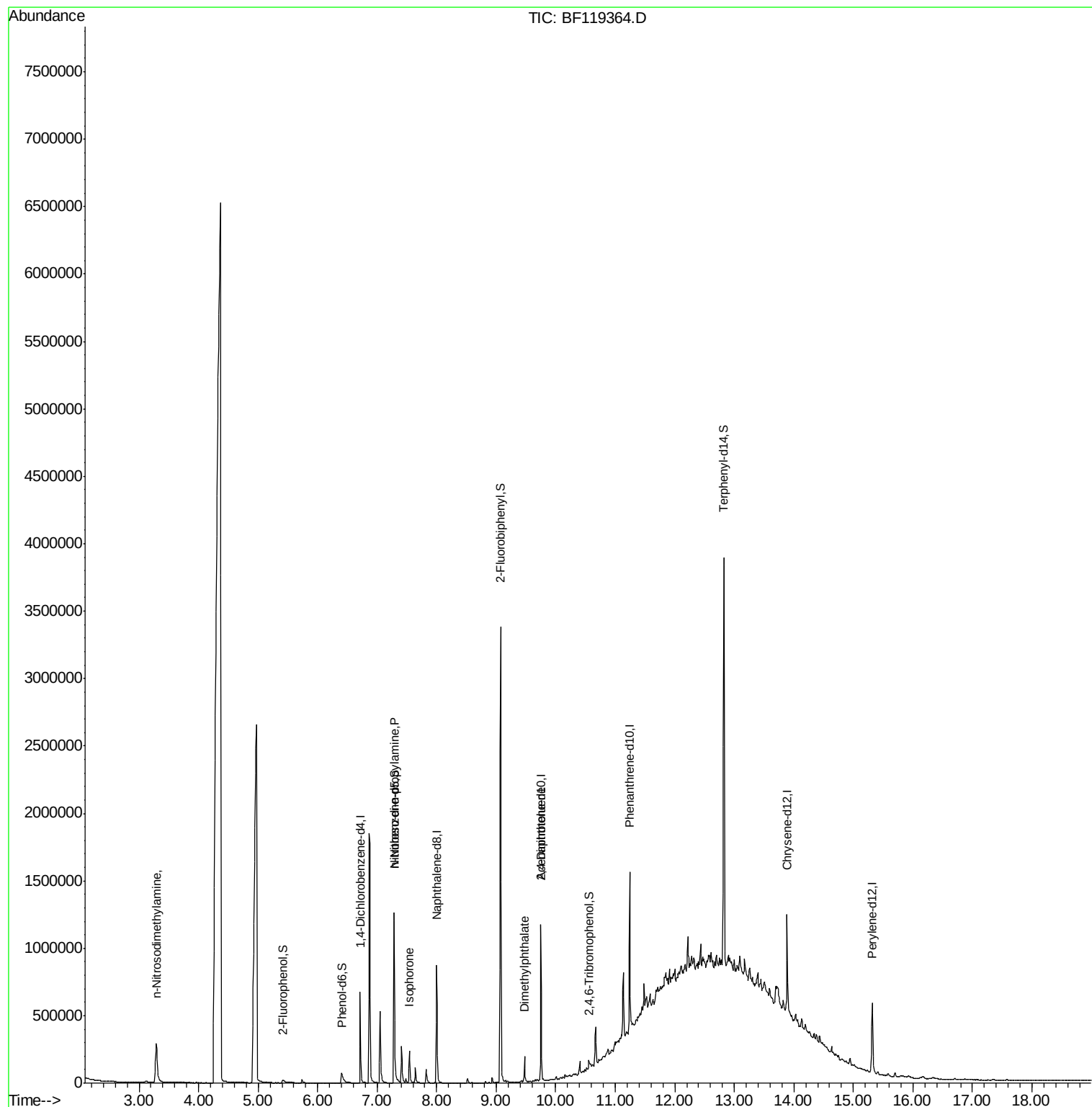
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	107448	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	425746	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	235506	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	420909	20.00	ng	0.00
76) Chrysene-d12	13.89	240	248875	20.00	ng	0.00
87) Perylene-d12	15.32	264	257082	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	27012	4.20	ng	0.06
7) Phenol-d6	6.40	99	72472	9.27	ng	0.02
23) Nitrobenzene-d5	7.29	82	508548	63.07	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	10184	3.31	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1063354	66.52	ng	-0.01
79) Terphenyl-d14	12.83	244	1195280	82.69	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.29	42	13781	5.819	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	71008	15.584	ng	# 73
25) Isophorone	7.54	82	112059	8.002	ng	97
50) Dimethylphthalate	9.47	163	83991	4.664	ng	100
57) 2,4-Dinitrotoluene	9.75	165	30221	5.827	ng	# 21

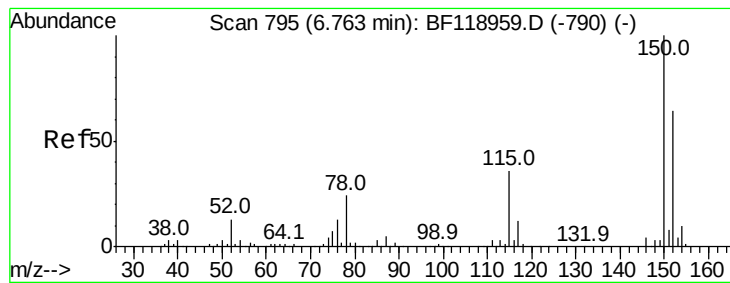
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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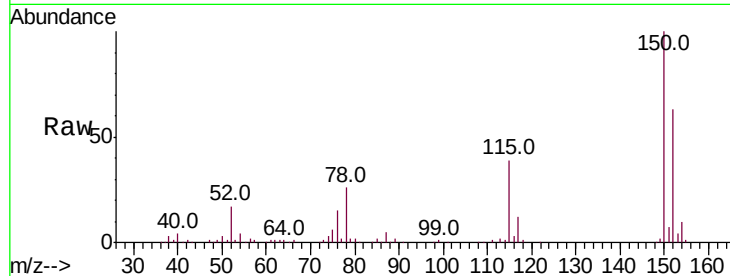


#1

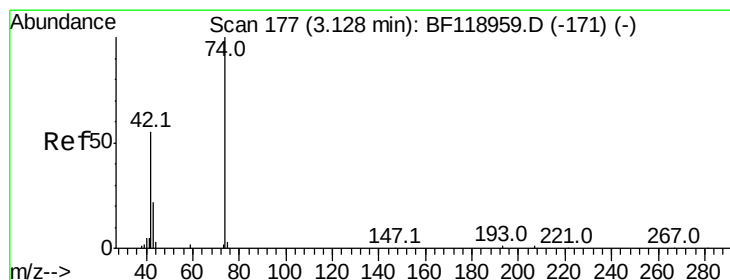
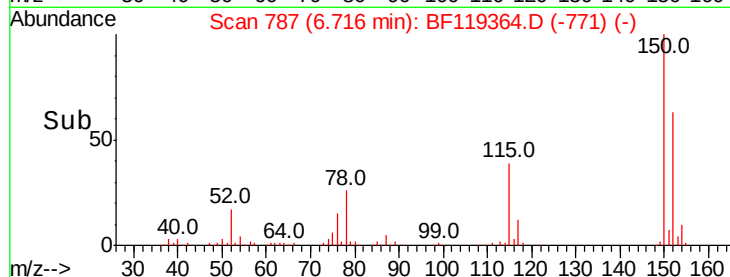
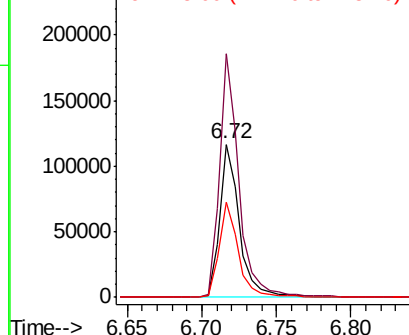
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 107448
Ion Ratio Lower Upper
152 100
150 159.4 123.0 184.6
115 62.5 49.5 74.3



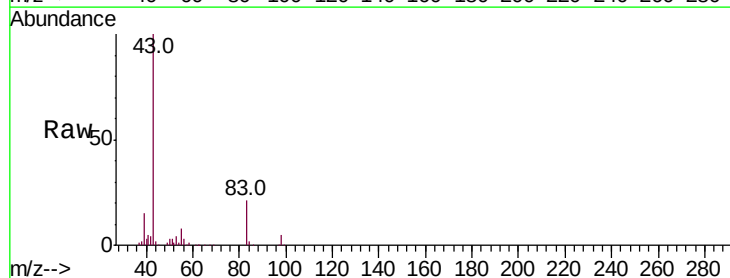
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



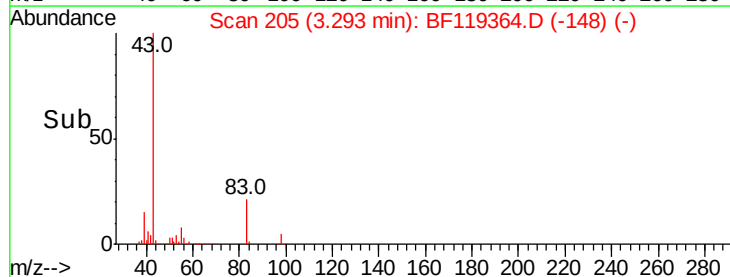
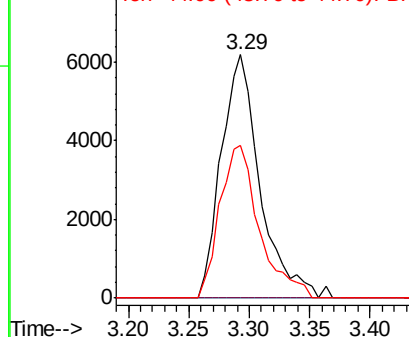
#4

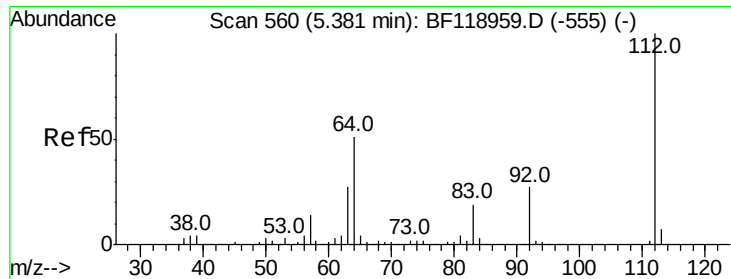
n-Nitrosodimethylamine
Concen: 5.819 ng
RT: 3.29 min Scan# 205
Delta R.T. 0.24 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

Tgt Ion: 42 Resp: 13781
Ion Ratio Lower Upper
42 100
74 0.0 137.7 206.5#
44 62.8 4.5 6.7#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 4.201 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.06 min

Lab File: BF119364.D

Acq: 12 Mar 2020 00:10

Instrument :

BNA_F

ClientSampled :

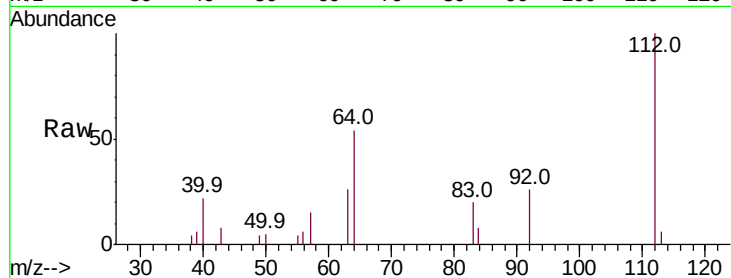
Tot Ion:112 Resp: 27012

Ion Ratio Lower Upper

112 100

64 54.2 45.0 67.4

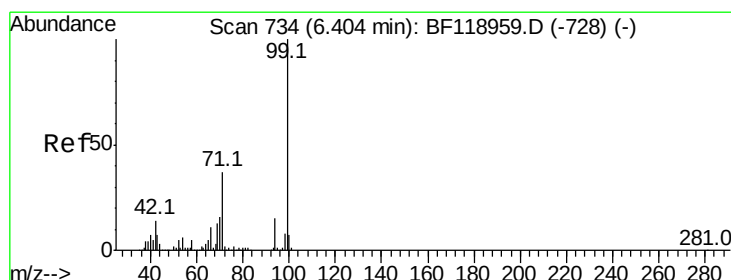
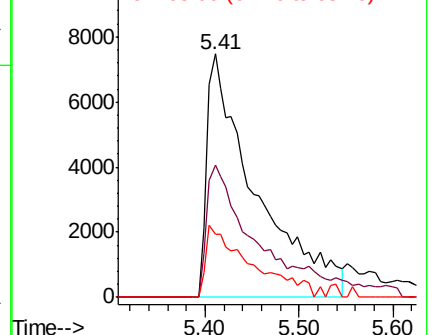
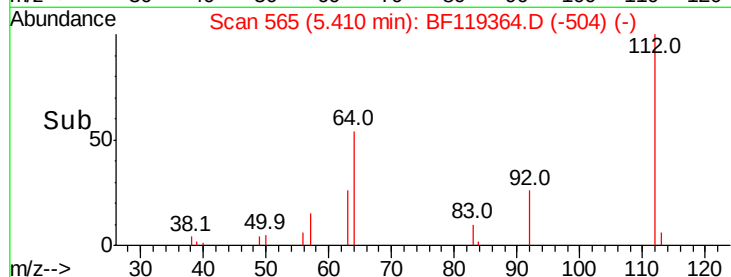
63 26.0 24.2 36.4



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: 9.268 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF119364.D

Acq: 12 Mar 2020 00:10

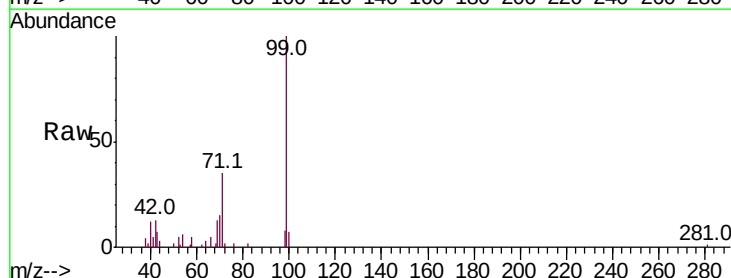
Tgt Ion: 99 Resp: 72472

Ion Ratio Lower Upper

99 100

42 12.8 12.6 18.8

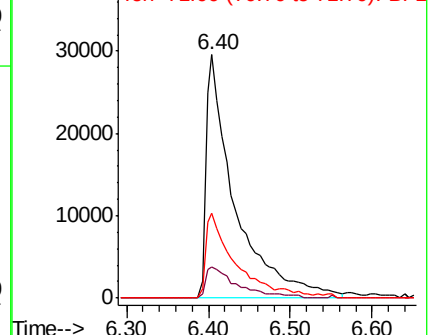
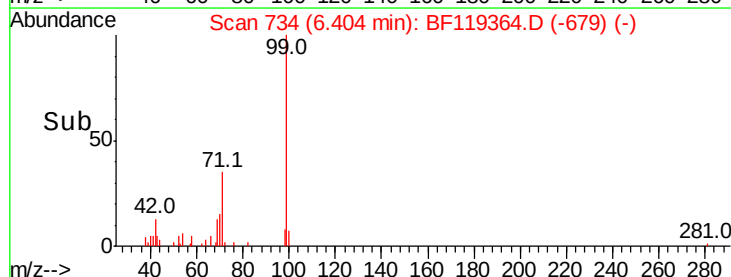
71 34.9 31.0 46.4

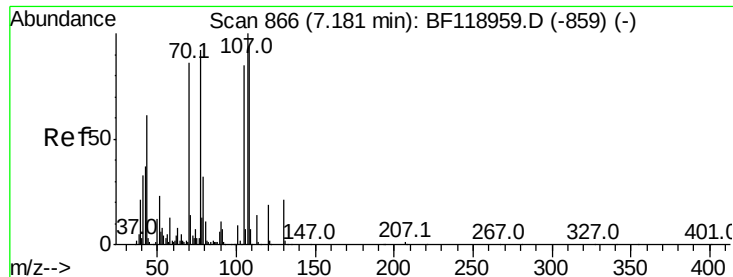


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

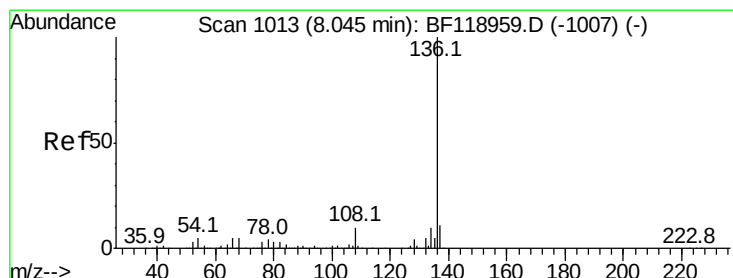
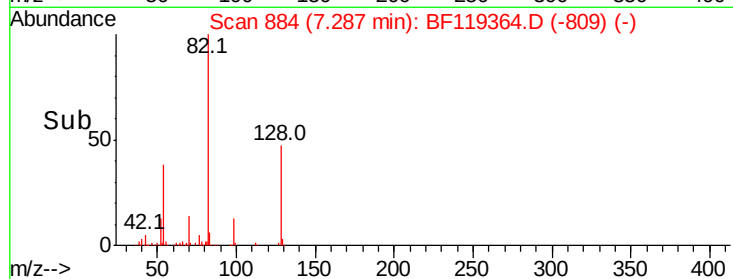
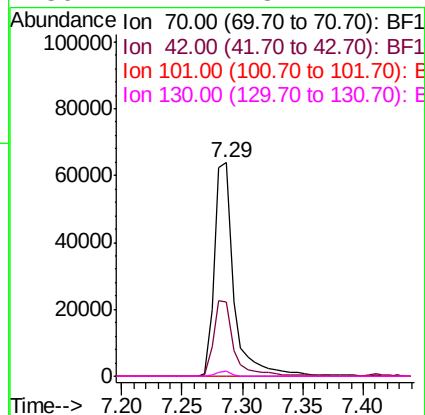
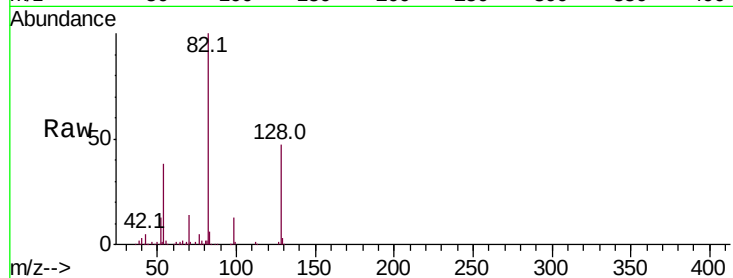




#19
n-Nitroso-di-n-propylamine
Concen: 15.584 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

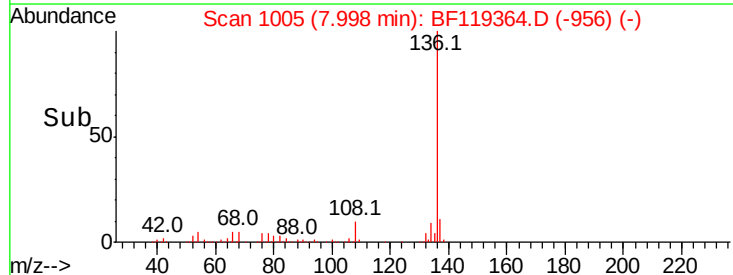
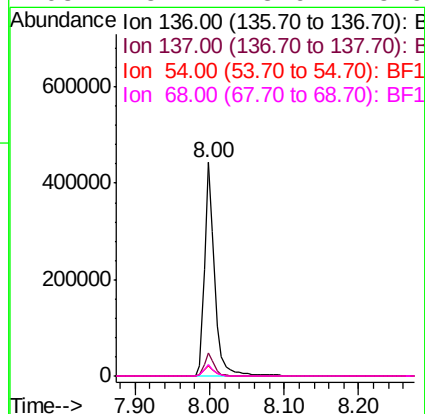
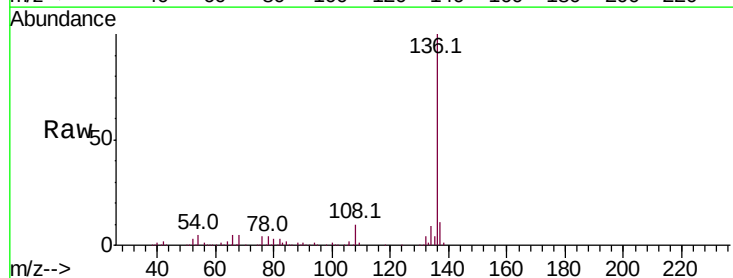
Instrument :
BNA_F
ClientSampleId :

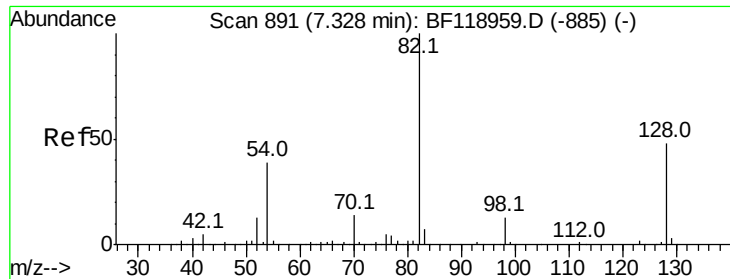
Tot Ion: 70 Resp: 71008
Ion Ratio Lower Upper
70 100
42 34.8 38.0 57.0#
101 0.0 8.2 12.4#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

Tgt Ion: 136 Resp: 425746
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.1 3.8 5.6
68 5.2 3.9 5.9

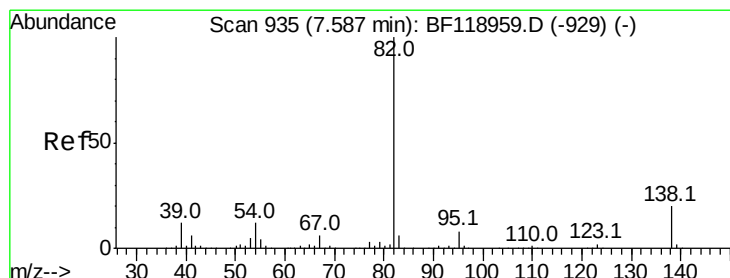
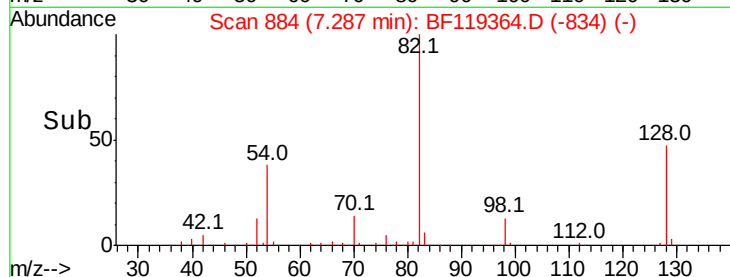
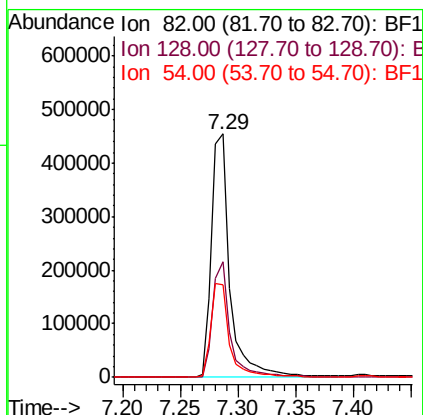
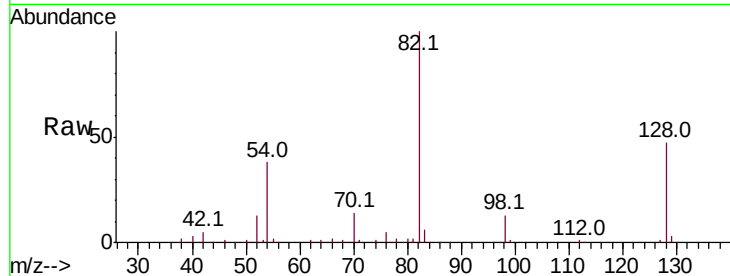




#23
 Nitrobenzene-d5
 Concen: 63.069 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF119364.D
 Acq: 12 Mar 2020 00:10

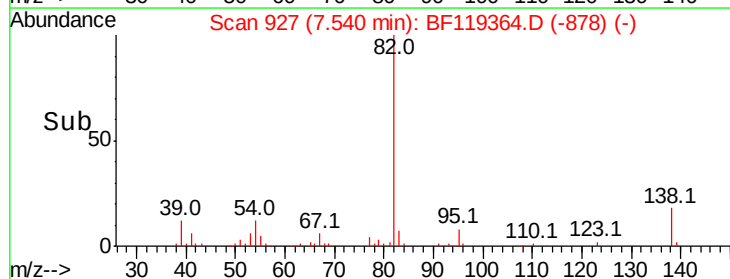
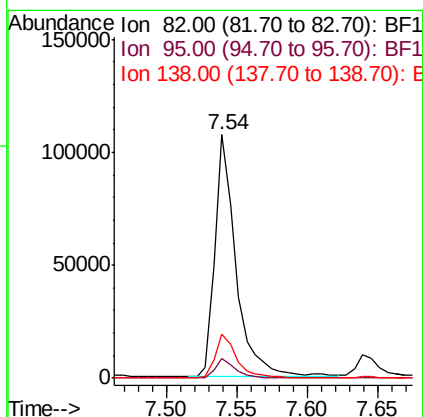
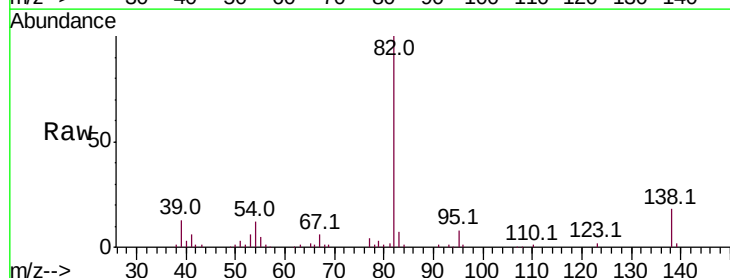
Instrument :
 BNA_F
 ClientSampleId :

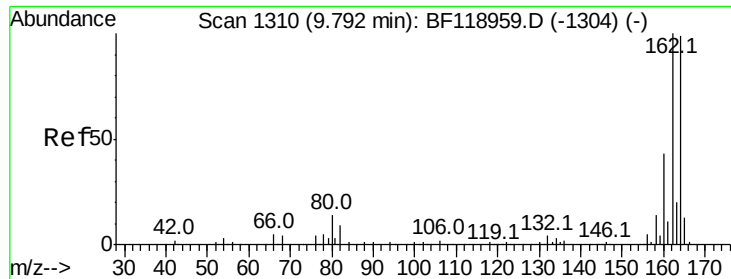
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.9	56.9
54	38.3	33.4	50.2



#25
 Isophorone
 Concen: 8.002 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF119364.D
 Acq: 12 Mar 2020 00:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.4	9.6
138	17.9	15.7	23.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119364.D

Acq: 12 Mar 2020 00:10

Instrument :

BNA_F

ClientSampleId :

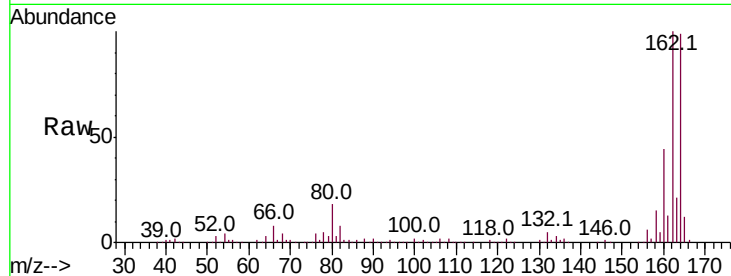
Tot Ion:164 Resp: 235506

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.8

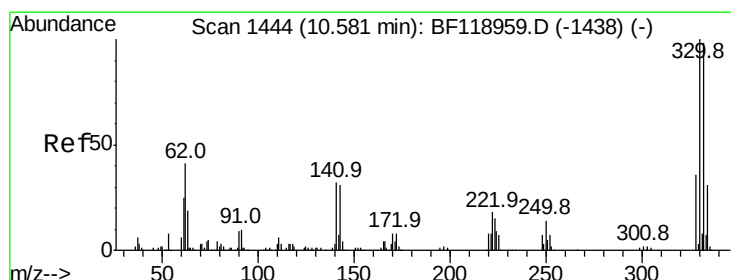
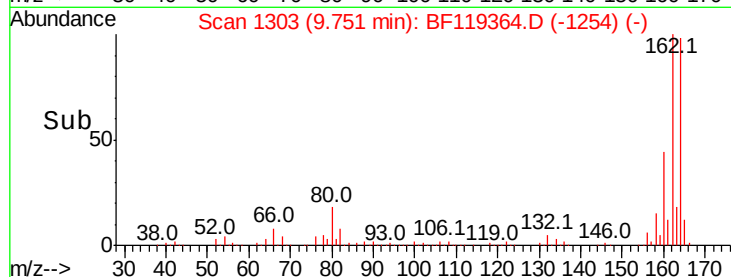
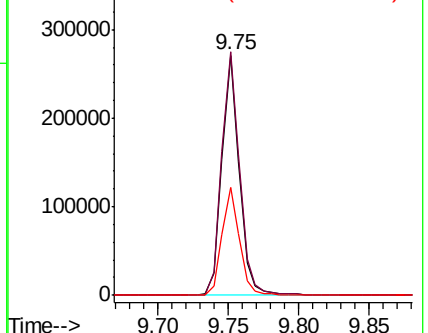
160 44.9 36.0 54.0



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: 3.306 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119364.D

Acq: 12 Mar 2020 00:10

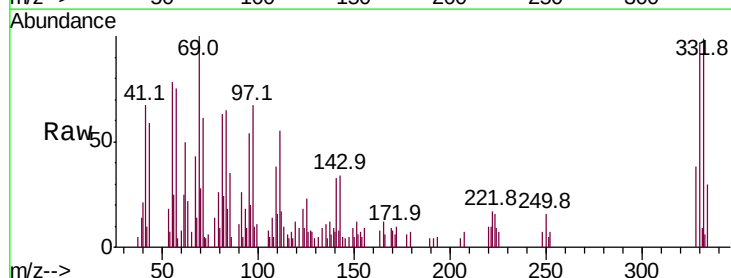
Tgt Ion:330 Resp: 10184

Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

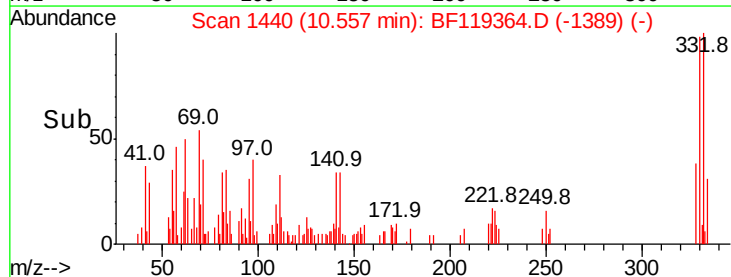
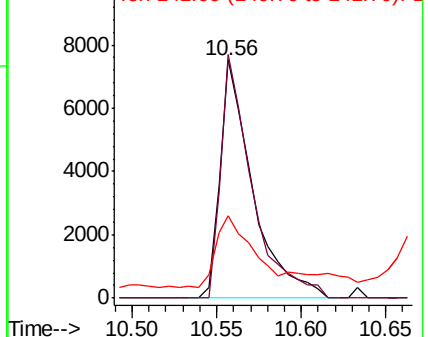
141 43.0 22.9 34.3#

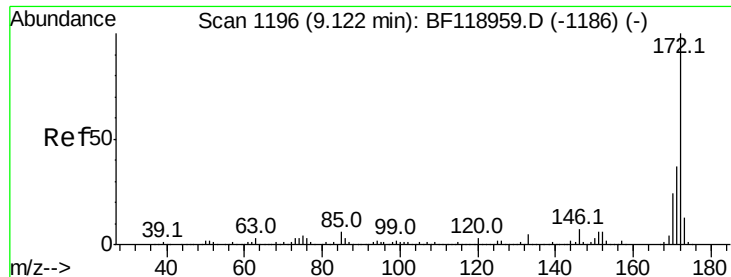


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

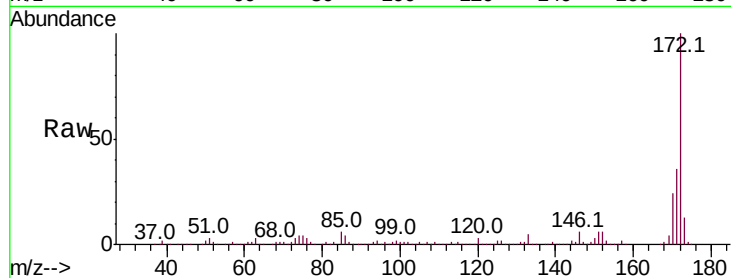




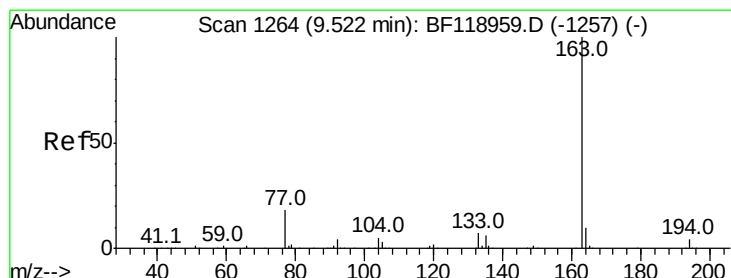
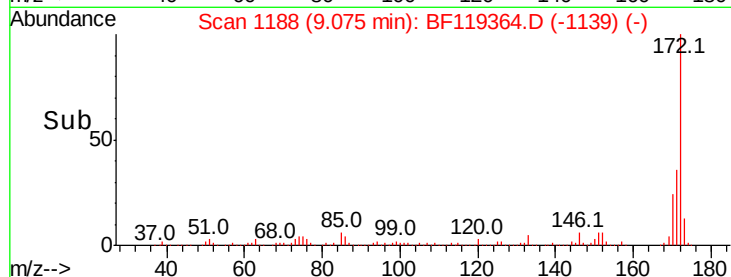
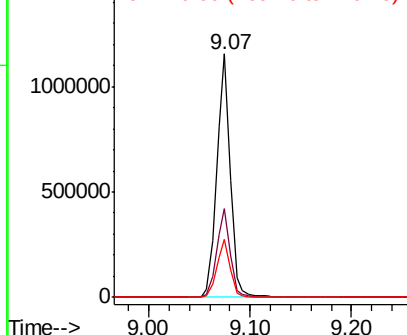
#45
2-Fluorobiphenyl
Concen: 66.517 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1063354
Ion Ratio Lower Upper
172 100
171 36.5 30.6 45.8
170 23.7 20.2 30.2

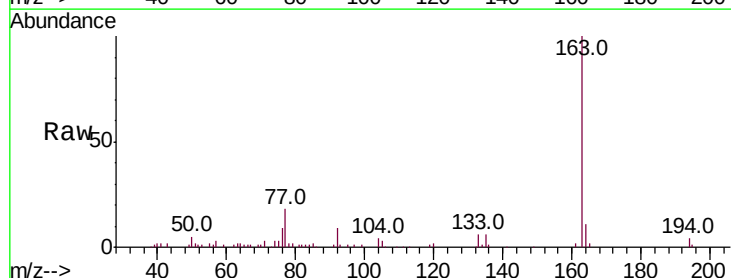


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

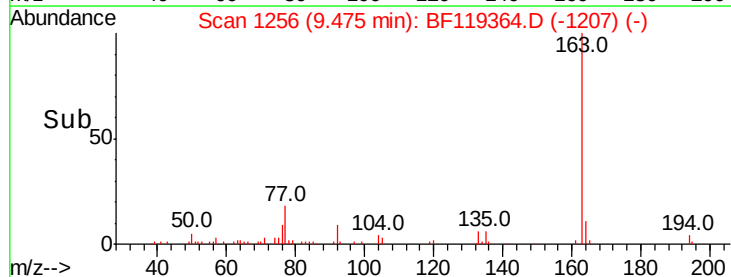
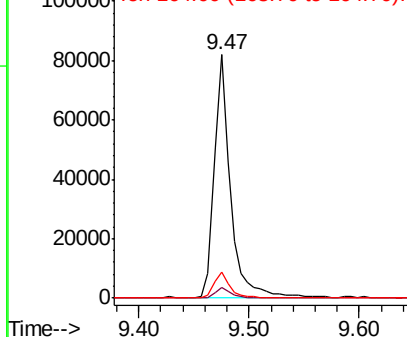


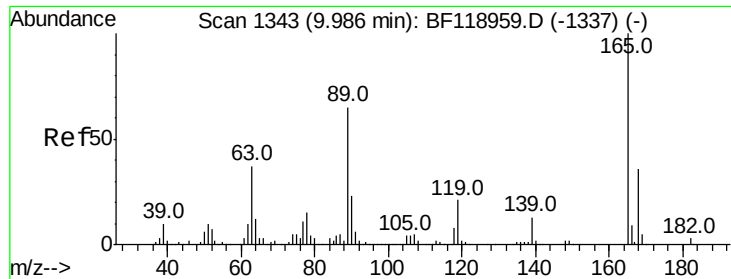
#50
Dimethylphthalate
Concen: 4.664 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

Tgt Ion:163 Resp: 83991
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.5 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

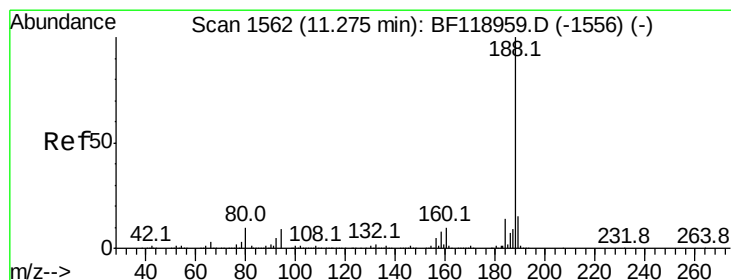
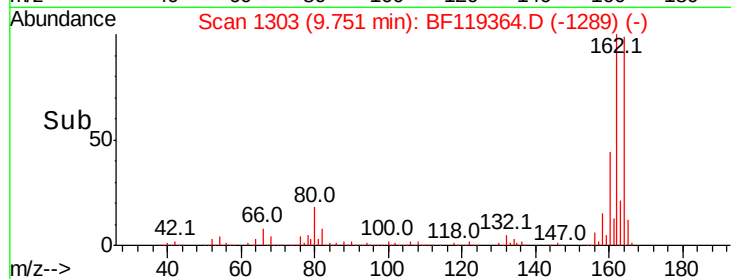
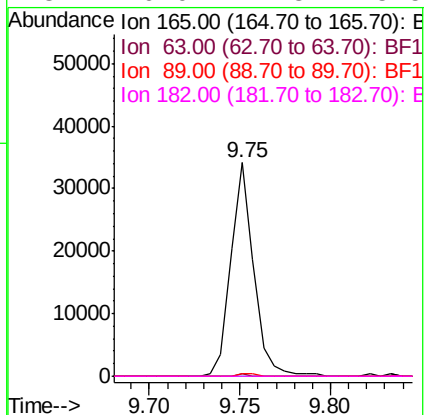
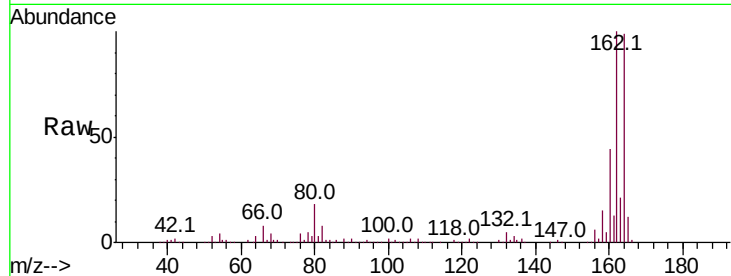




#57
 2,4-Dinitrotoluene
 Concen: 5.827 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.22 min
 Lab File: BF119364.D
 Acq: 12 Mar 2020 00:10

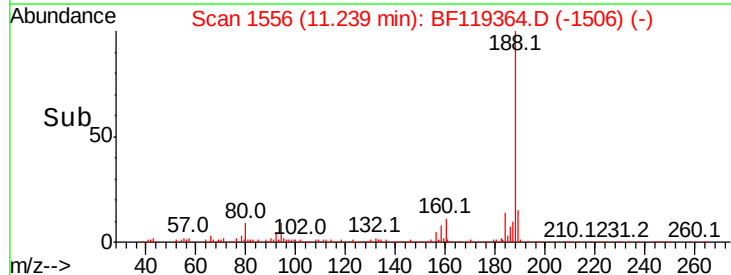
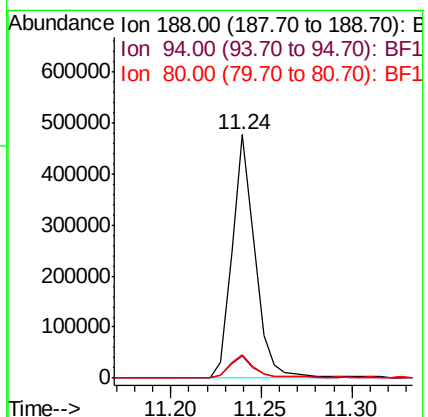
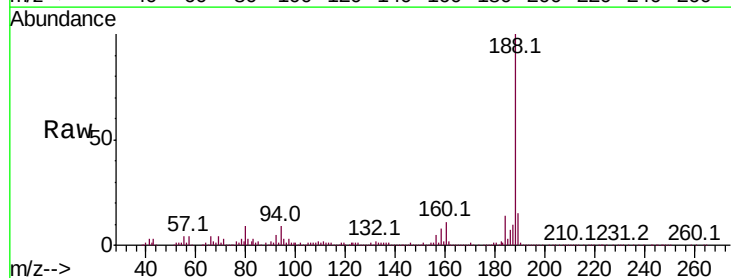
Instrument :
 BNA_F
 ClientSampled :

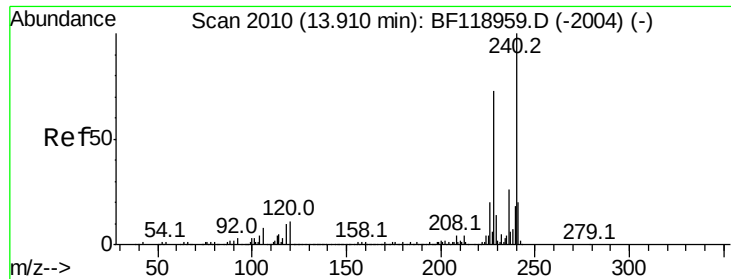
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.3	63.5#
89	1.4	60.2	90.4#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF119364.D
 Acq: 12 Mar 2020 00:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.5	7.8	11.8

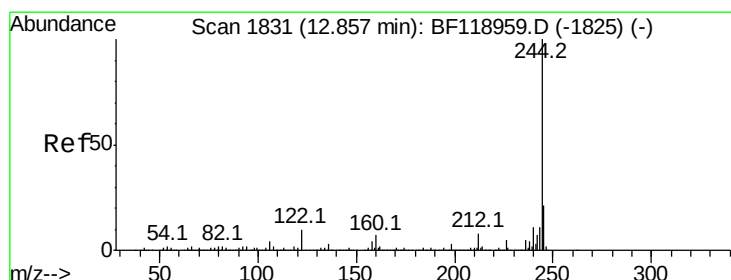
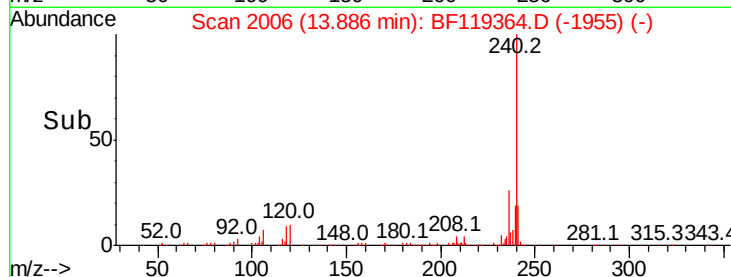
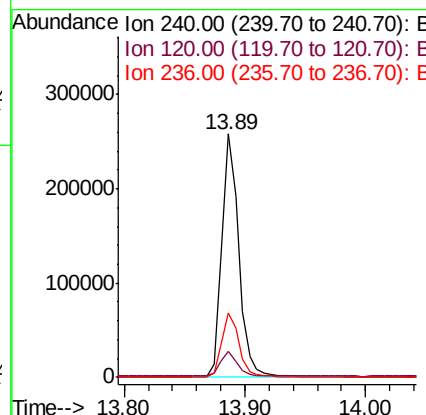
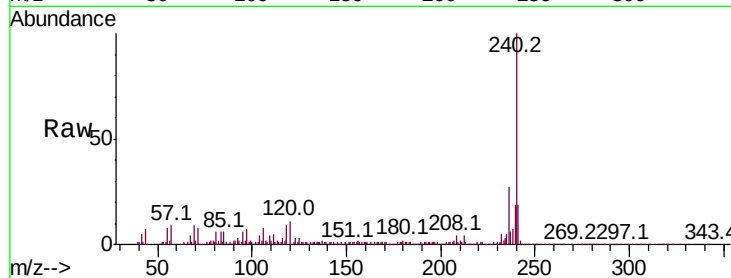




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119364.D
 Acq: 12 Mar 2020 00:10

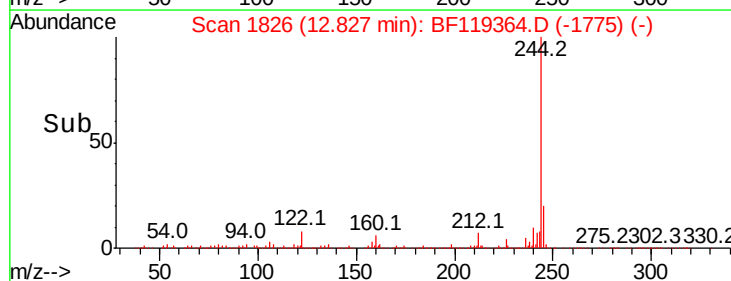
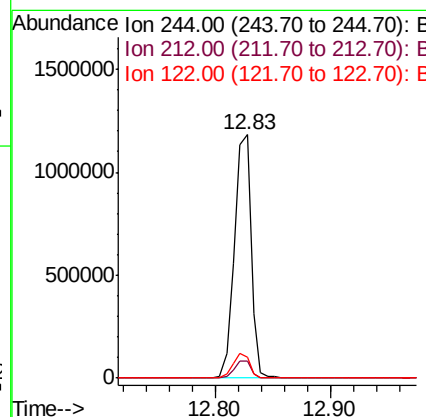
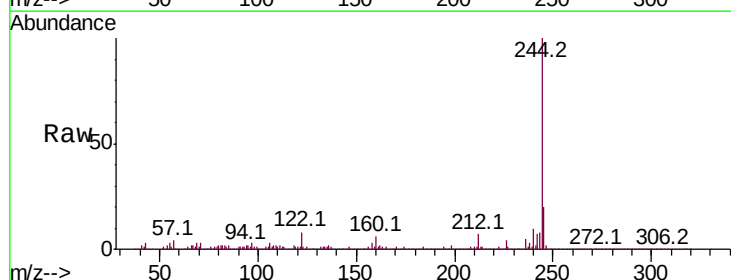
Instrument :
 BNA_F
 ClientSampleId :

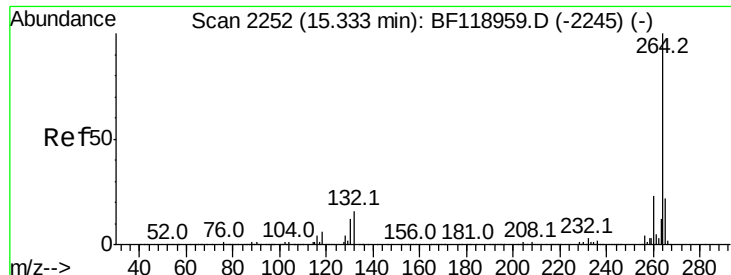
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.6	21.0	31.4



#79
 Terphenyl-d14
 Concen: 82.687 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119364.D
 Acq: 12 Mar 2020 00:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	8.4	8.2	12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 257082

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.6	17.7	26.5

