

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119360.D
 Acq On : 11 Mar 2020 22:12
 Operator : CG/JU
 Sample : L1852-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 05:11:37 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	113121	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	438220	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	252090	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	488616	20.00	ng	0.00
76) Chrysene-d12	13.89	240	373523	20.00	ng	0.00
87) Perylene-d12	15.32	264	339020	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	824935	121.87	ng	0.01
7) Phenol-d6	6.37	99	931096	113.10	ng	0.00
23) Nitrobenzene-d5	7.29	82	726452	87.53	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	445063	134.96	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1462453	85.46	ng	-0.01
79) Terphenyl-d14	12.83	244	2058968	94.90	ng	0.00

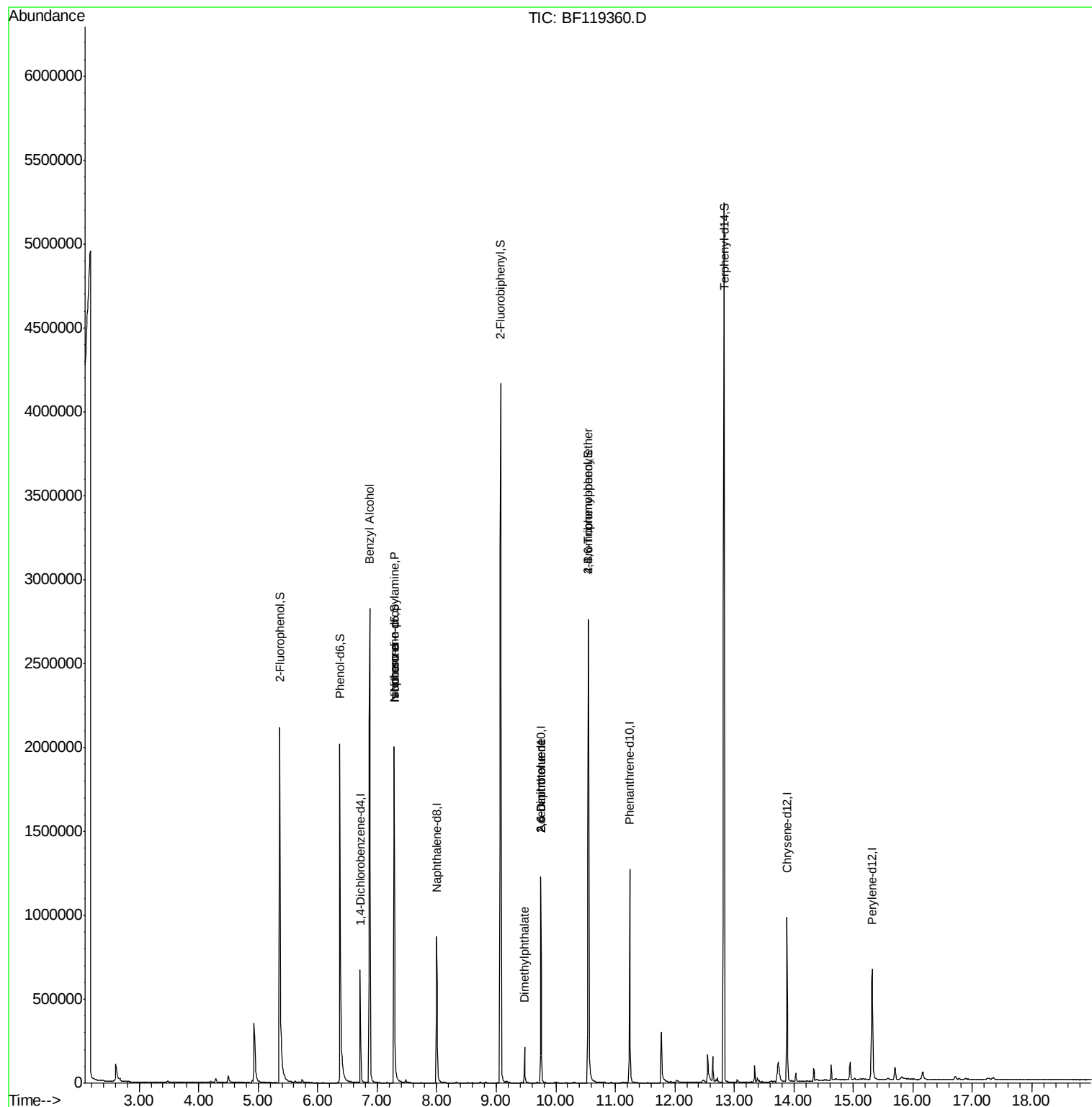
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.87	79	12641	2.125	ng	# 51
19) n-Nitroso-di-n-propylamine	7.29	70	102396	21.346	ng	# 74
25) Isophorone	7.29	82	726452	50.399	ng	# 63
50) Dimethylphthalate	9.47	163	99012	5.136	ng	# 98
51) 2,6-Dinitrotoluene	9.75	165	32561	7.603	ng	# 33
57) 2,4-Dinitrotoluene	9.75	165	32561	5.866	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	29320	4.591	ng	# 1

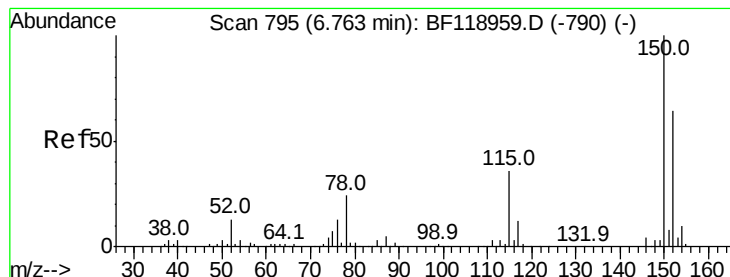
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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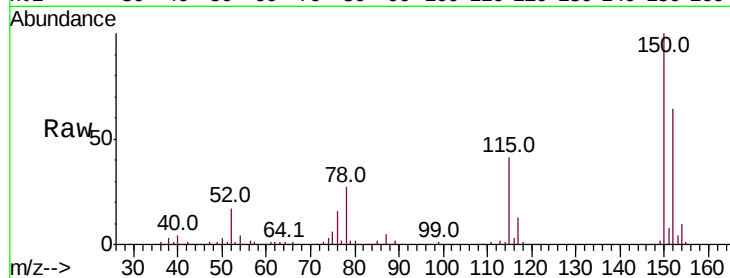


#1

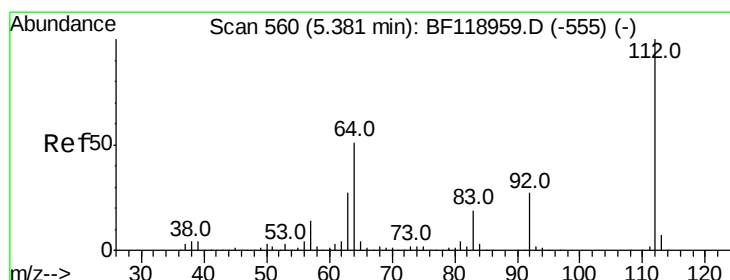
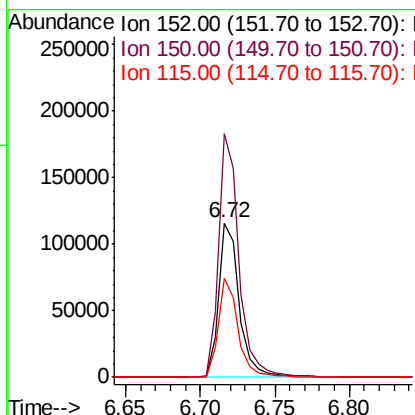
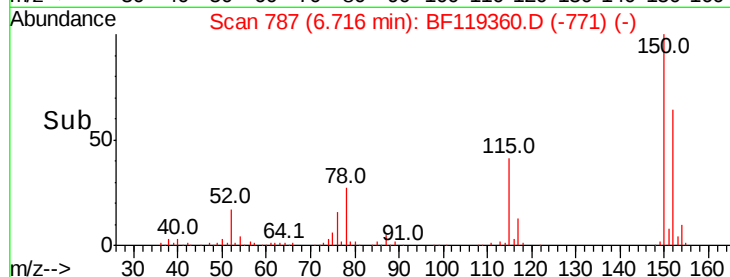
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF119360.D
 Acq: 11 Mar 2020 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.6
115	64.3	49.5	74.3



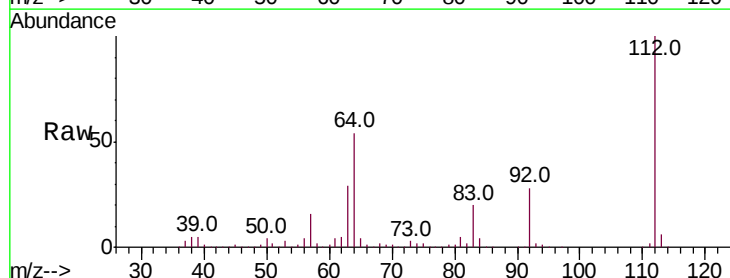
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



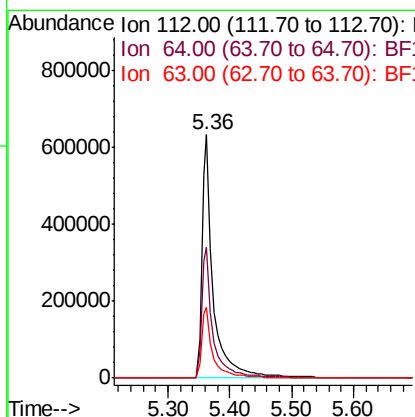
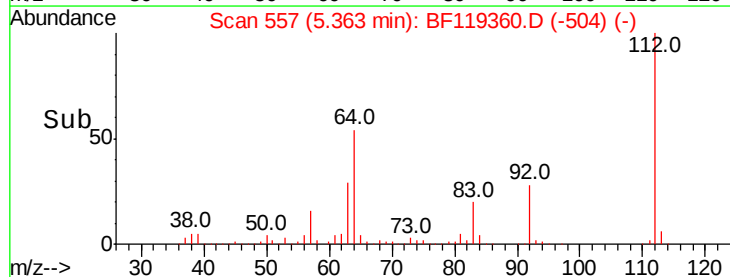
#5

2-Fluorophenol
 Concen: 121.871 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF119360.D
 Acq: 11 Mar 2020 22:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	45.0	67.4
63	29.1	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: 113.103 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119360.D

Acq: 11 Mar 2020 22:12

Instrument :

BNA_F

ClientSampleId :

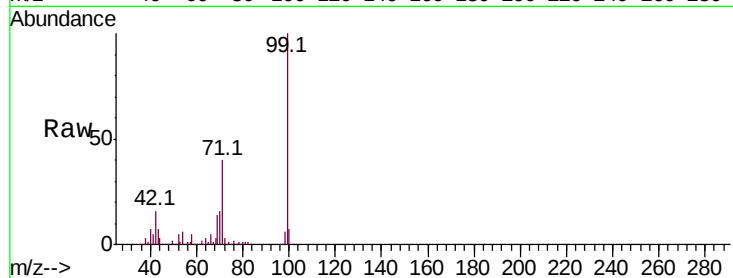
Tot Ion: 99 Resp: 931096

Ion Ratio Lower Upper

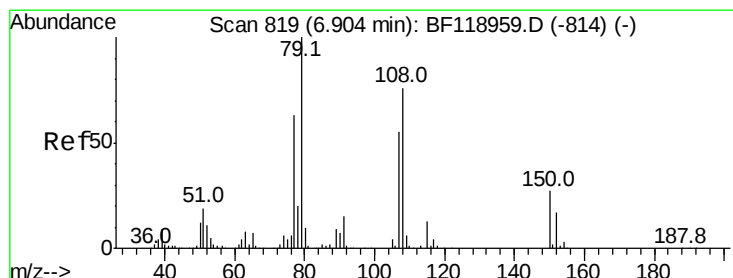
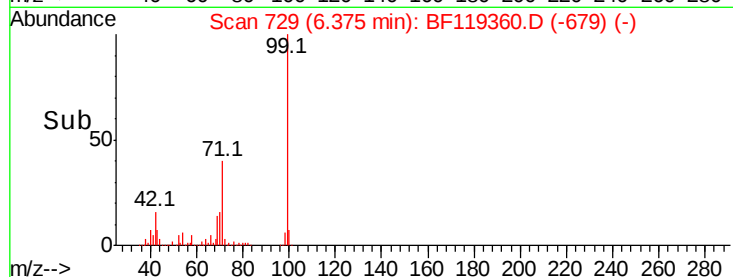
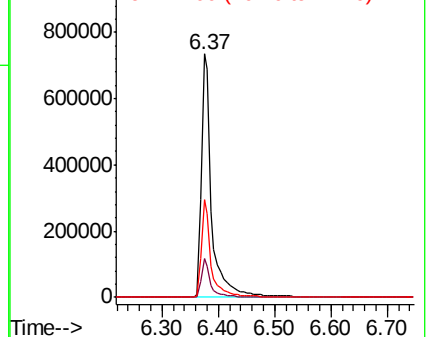
99 100

42 15.8 12.6 18.8

71 40.1 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1000000
Ion 42.00 (41.70 to 42.70): BF1
800000
Ion 71.00 (70.70 to 71.70): BF1
600000
400000
200000
0



#15

Benzyl Alcohol

Concen: 2.125 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119360.D

Acq: 11 Mar 2020 22:12

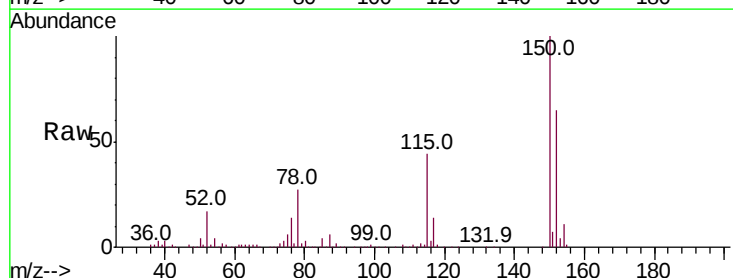
Tgt Ion: 79 Resp: 12641

Ion Ratio Lower Upper

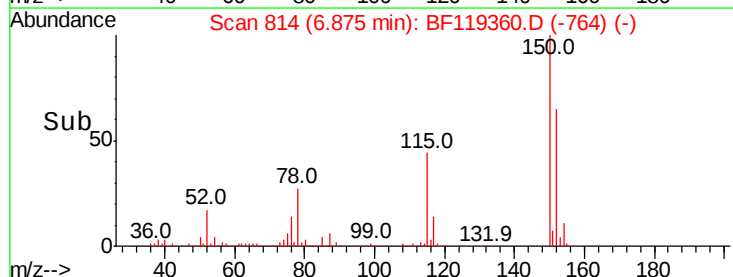
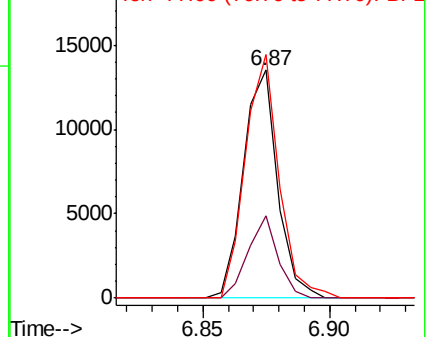
79 100

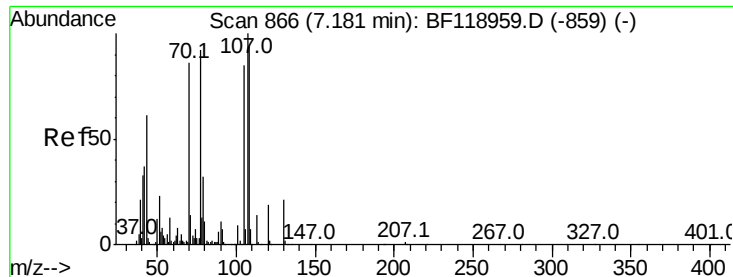
108 36.1 58.2 87.2#

77 106.8 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
20000
Ion 108.00 (107.70 to 108.70): E
15000
Ion 77.00 (76.70 to 77.70): BF1
10000
5000
0

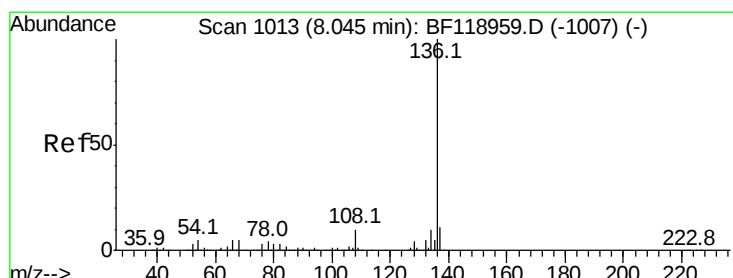
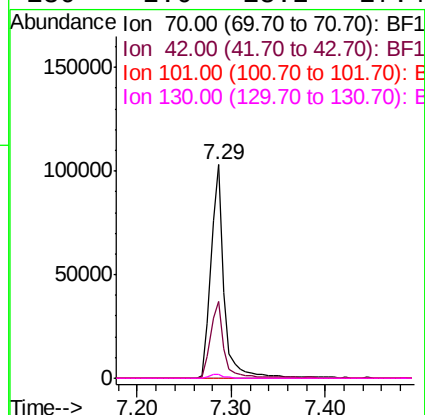
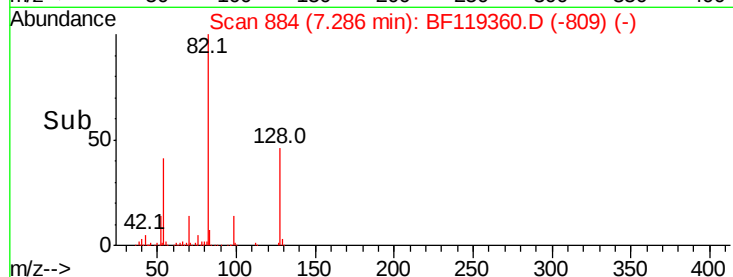
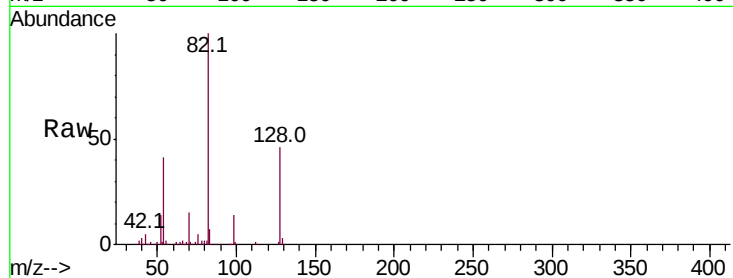




#19
n-Nitroso-di-n-propylamine
Concen: 21.346 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF119360.D
Acq: 11 Mar 2020 22:12

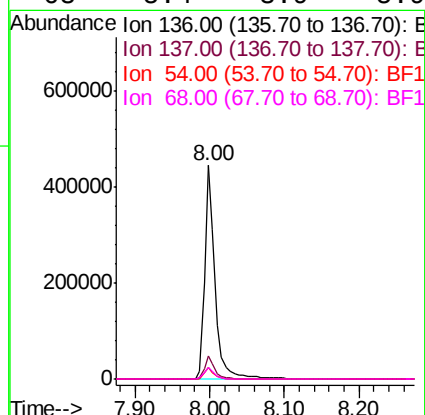
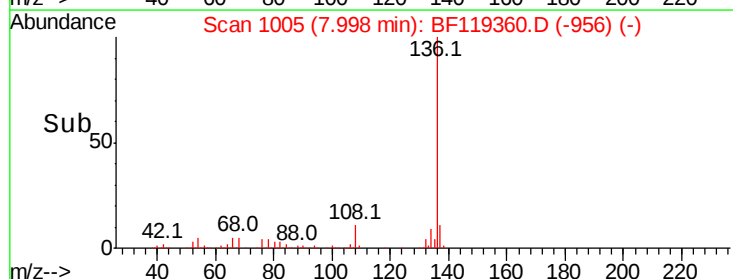
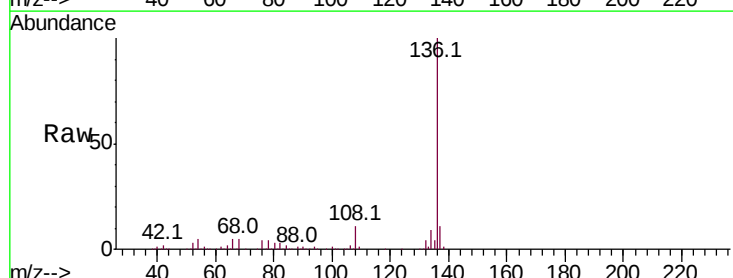
Instrument :
BNA_F
ClientSampleId :

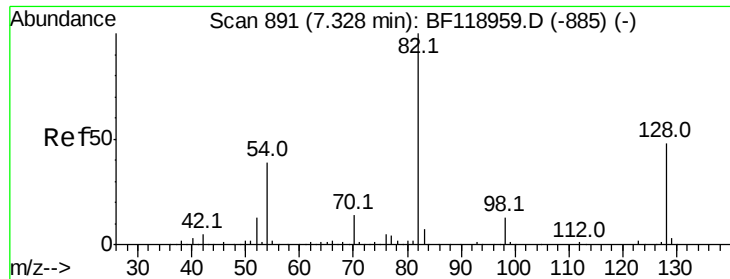
Tot Ion: 70 Resp: 102396
Ion Ratio Lower Upper
70 100
42 35.7 38.0 57.0#
101 0.0 8.2 12.4#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119360.D
Acq: 11 Mar 2020 22:12

Tgt Ion: 136 Resp: 438220
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.2 3.8 5.6
68 5.4 3.9 5.9

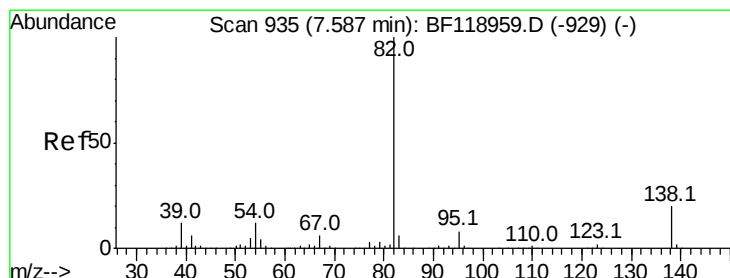
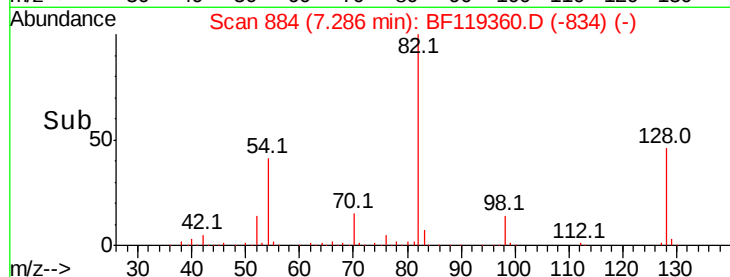
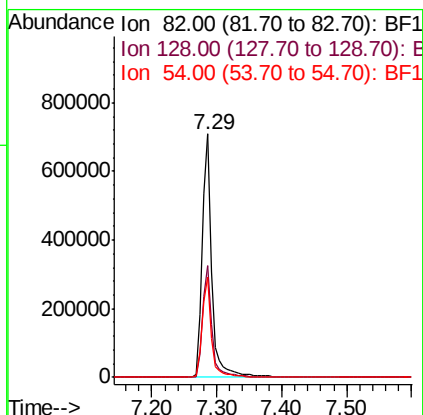
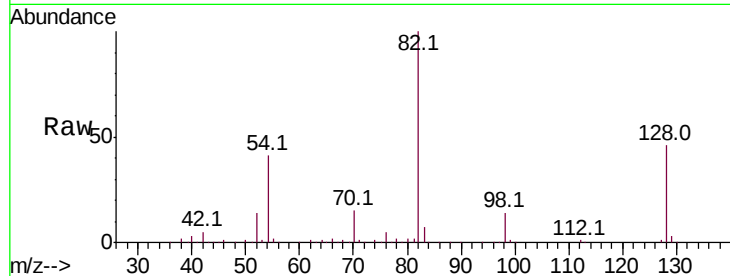




#23
 Nitrobenzene-d5
 Concen: 87.528 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF119360.D
 Acq: 11 Mar 2020 22:12

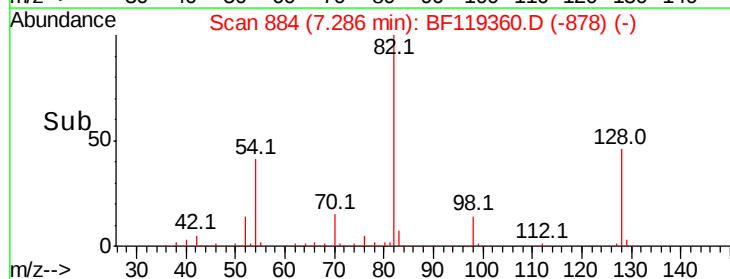
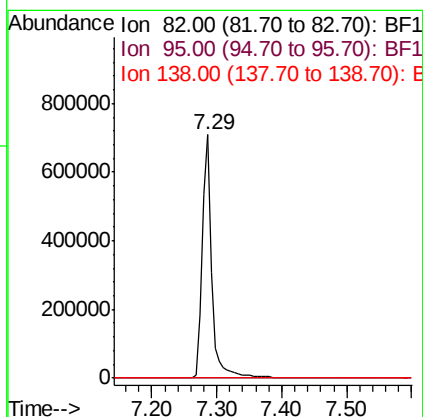
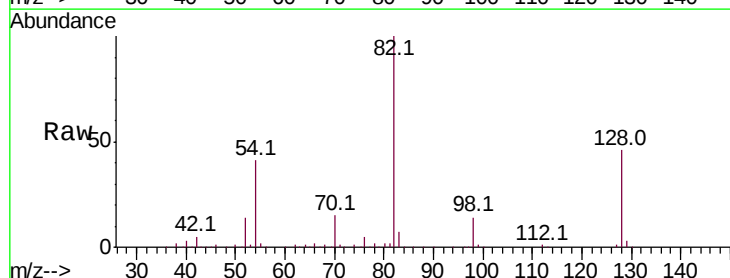
Instrument :
 BNA_F
 ClientSampled :

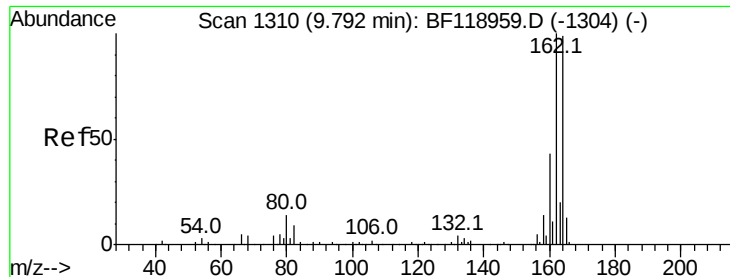
Tot Ion: 82 Resp: 726452
 Ion Ratio Lower Upper
 82 100
 128 46.2 37.9 56.9
 54 41.0 33.4 50.2



#25
 Isophorone
 Concen: 50.399 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF119360.D
 Acq: 11 Mar 2020 22:12

Tgt Ion: 82 Resp: 726452
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.4 9.6#
 138 0.0 15.7 23.5#

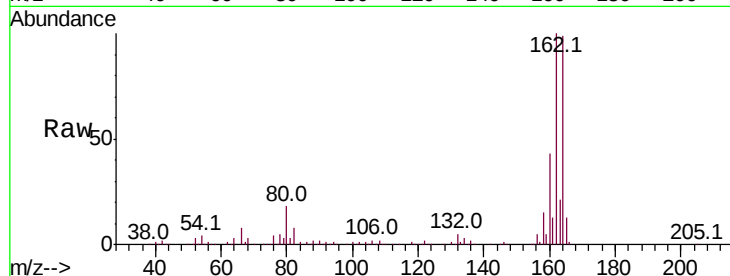




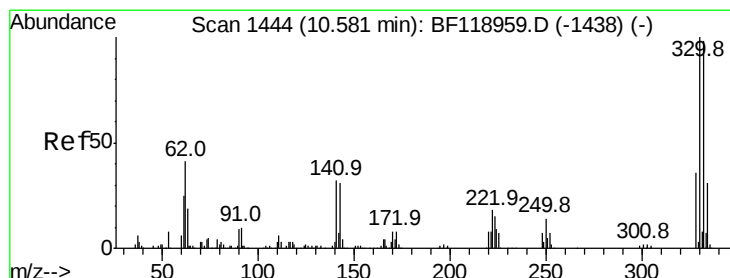
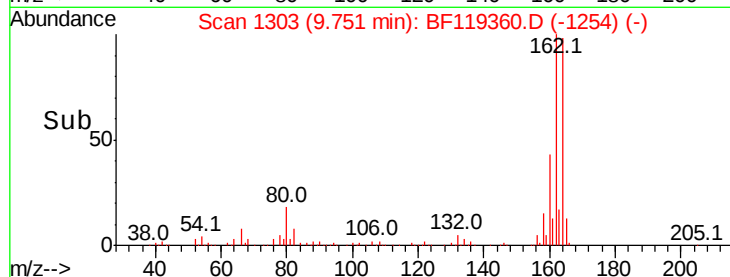
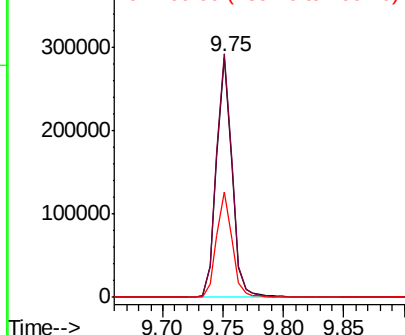
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119360.D
Acq: 11 Mar 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 252090
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.8
160 43.7 36.0 54.0

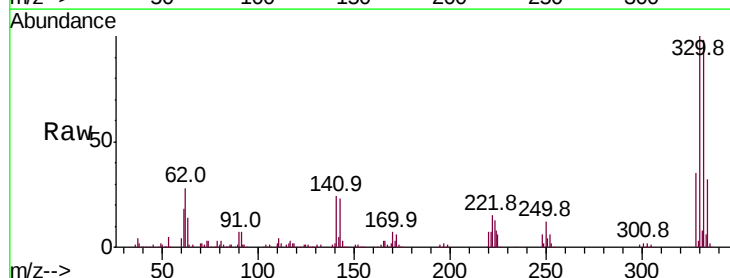


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

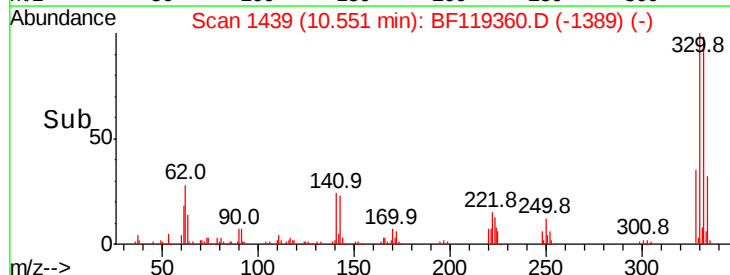
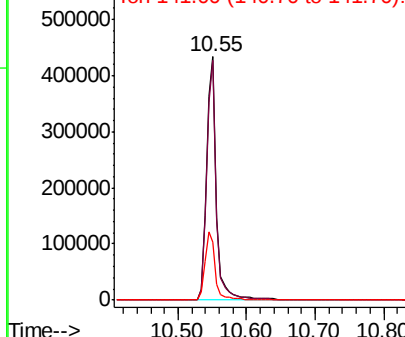


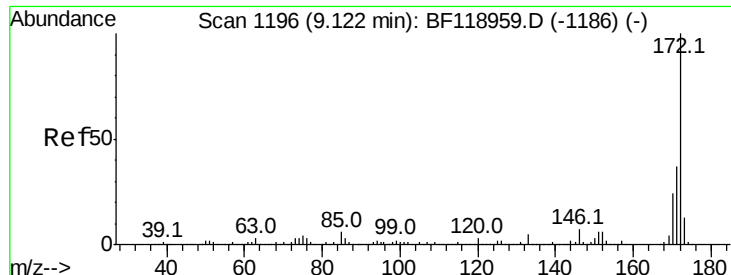
#42
2,4,6-Tribromophenol
Concen: 134.959 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119360.D
Acq: 11 Mar 2020 22:12

Tgt Ion:330 Resp: 445063
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 29.7 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

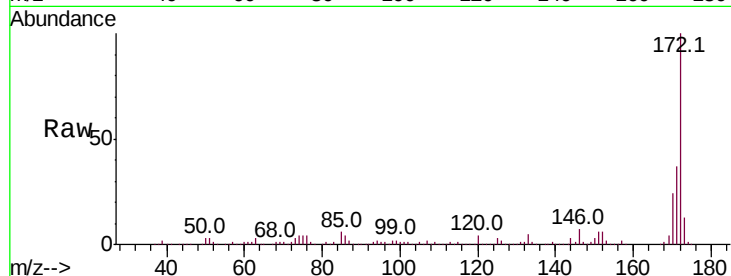




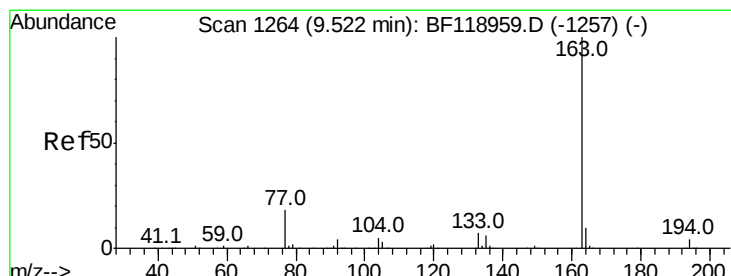
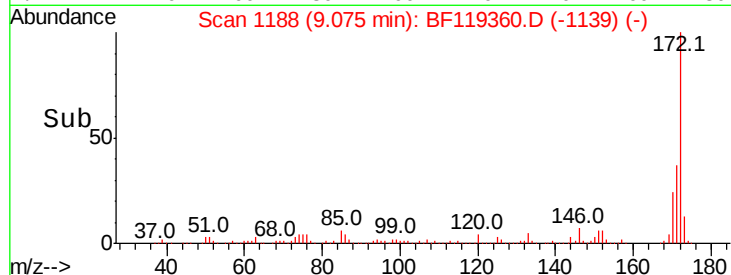
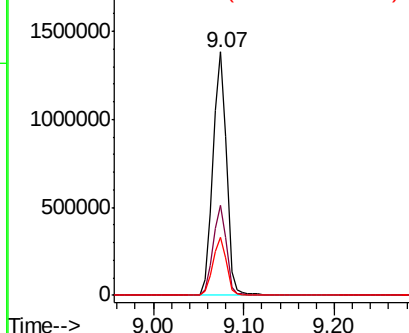
#45
2-Fluorobiphenyl
Concen: 85.463 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF119360.D
Acq: 11 Mar 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1462453
Ion Ratio Lower Upper
172 100
171 36.7 30.6 45.8
170 24.0 20.2 30.2

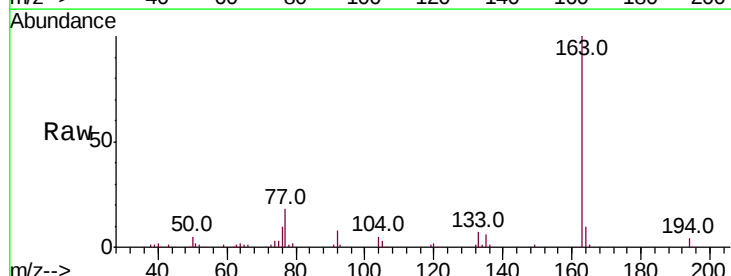


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

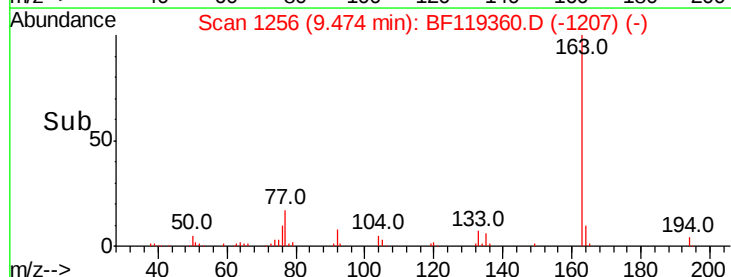
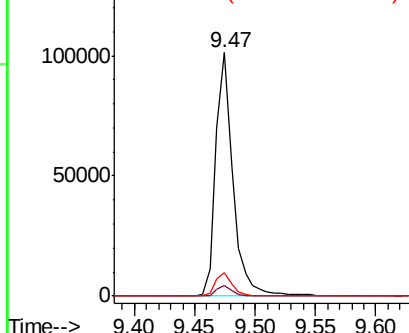


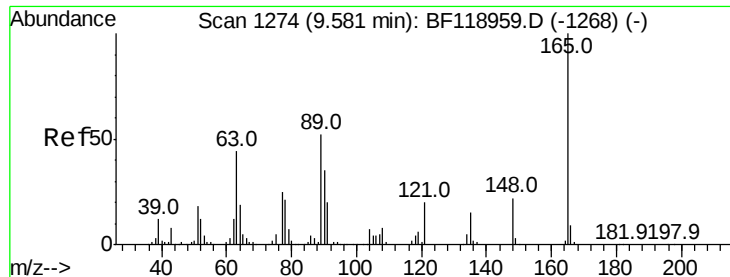
#50
Dimethylphthalate
Concen: 5.136 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119360.D
Acq: 11 Mar 2020 22:12

Tgt Ion:163 Resp: 99012
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 9.6 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

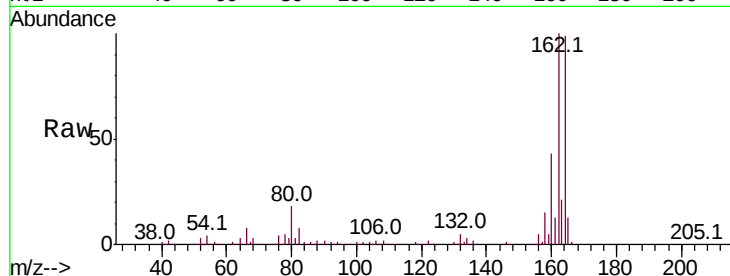




#51
2,6-Dinitrotoluene
Concen: 7.603 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF119360.D
Acq: 11 Mar 2020 22:12

Instrument :
BNA_F
ClientSampled :

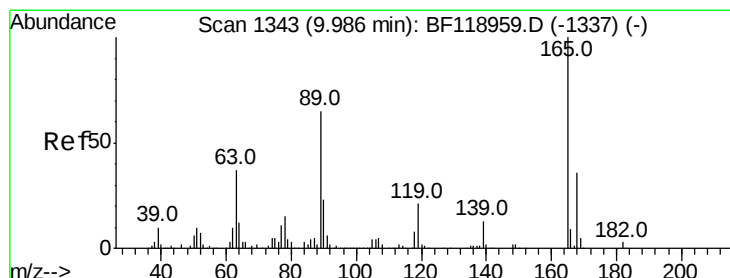
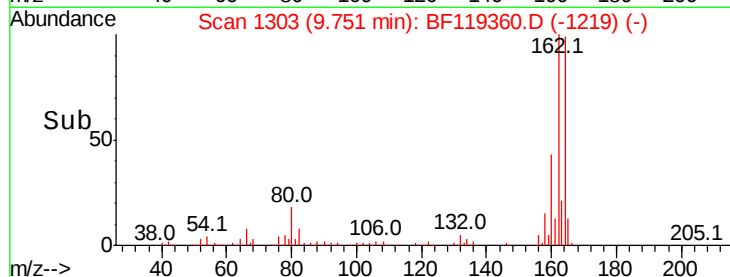
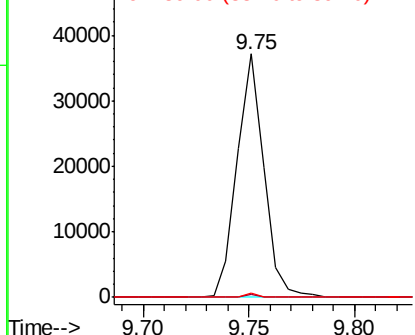
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.6	38.3	57.5#



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: 5.866 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.22 min
Lab File: BF119360.D
Acq: 11 Mar 2020 22:12

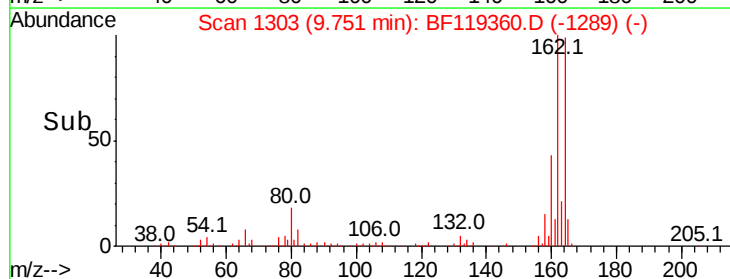
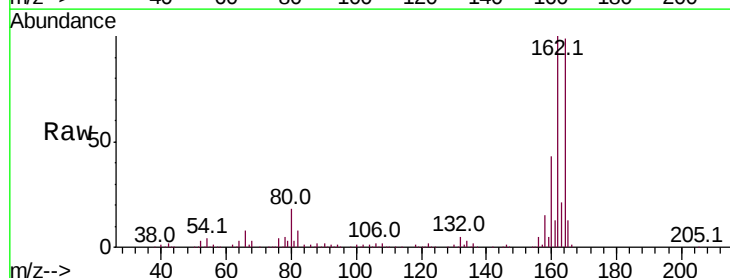
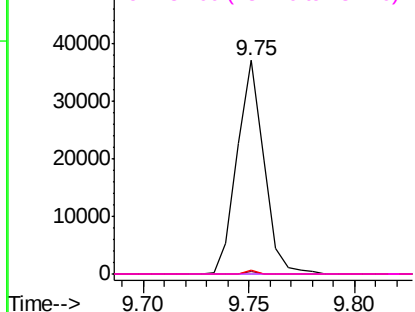
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.3	63.5#
89	1.6	60.2	90.4#
182	0.0	2.3	3.5#

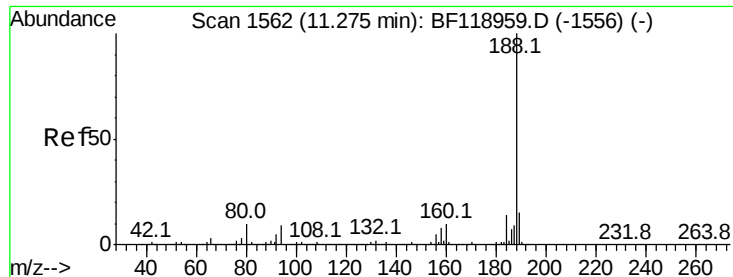
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

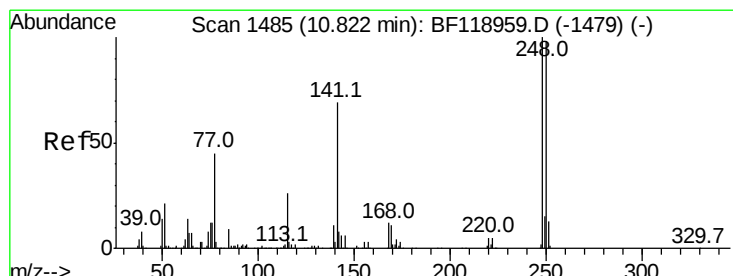
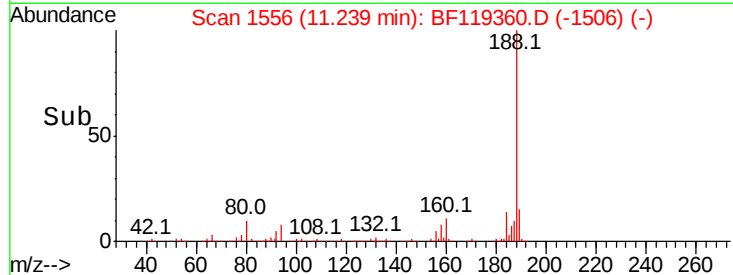
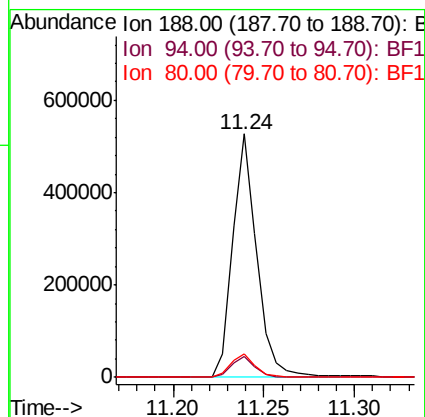
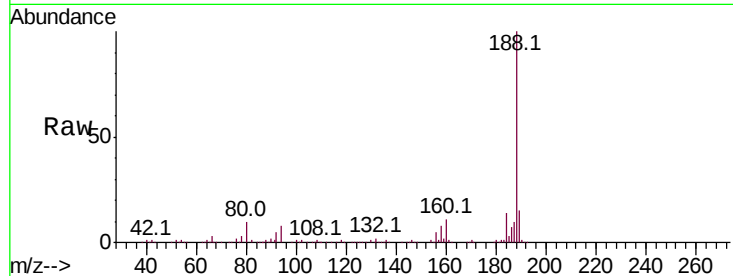




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119360.D
Acq: 11 Mar 2020 22:12

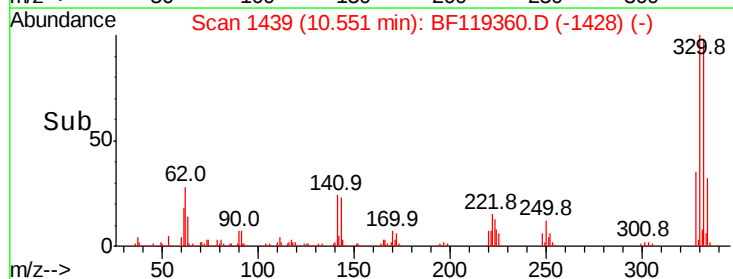
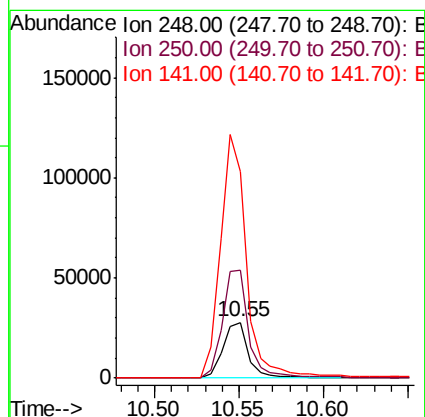
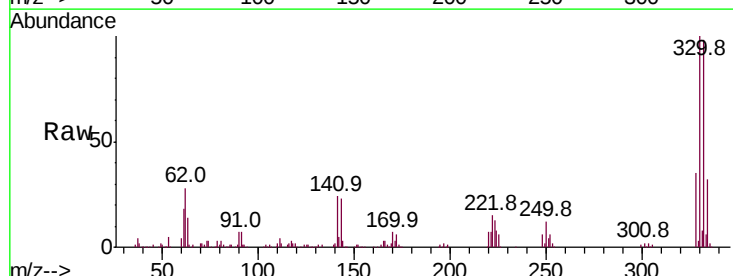
Instrument :
BNA_F
ClientSampleId :

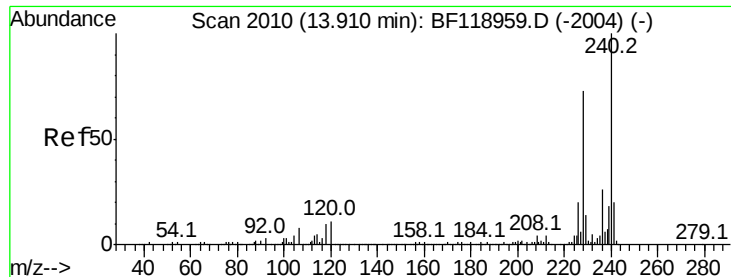
Tot Ion:188 Resp: 488616
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.7 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.591 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119360.D
Acq: 11 Mar 2020 22:12

Tgt Ion:248 Resp: 29320
Ion Ratio Lower Upper
248 100
250 194.0 76.7 115.1#
141 372.3 60.7 91.1#

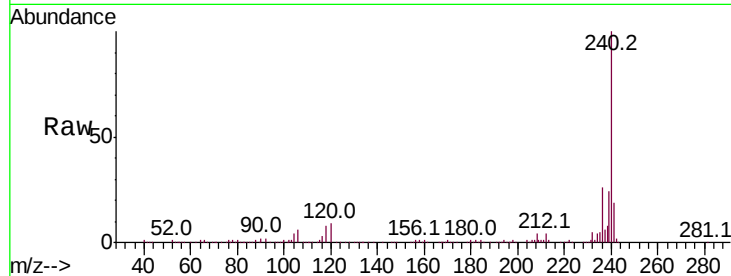




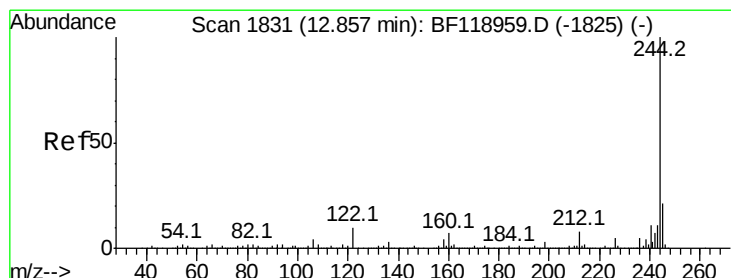
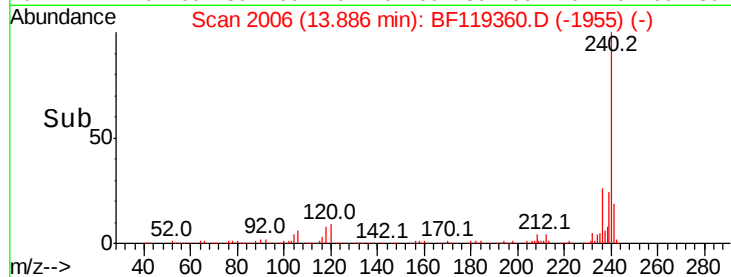
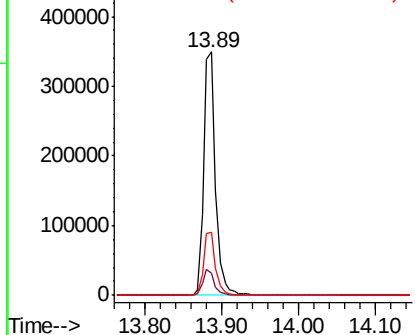
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119360.D
 Acq: 11 Mar 2020 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 373523
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.4 12.6
 236 26.1 21.0 31.4

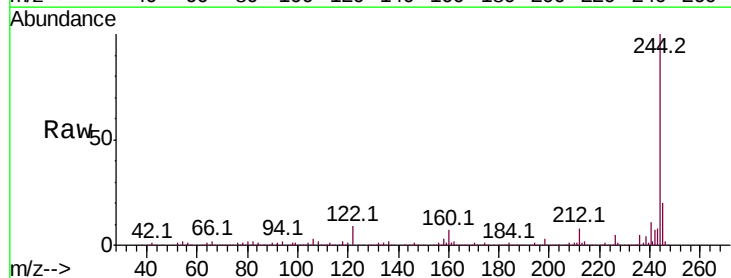


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

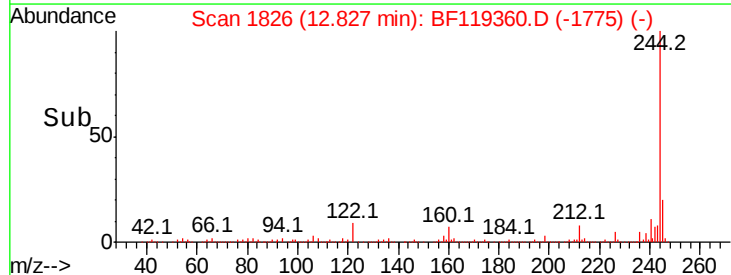
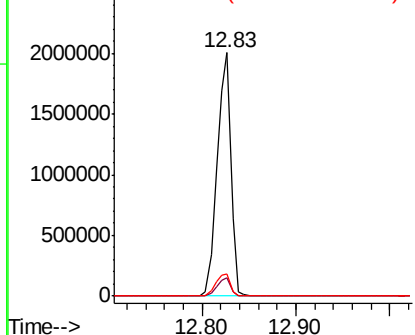


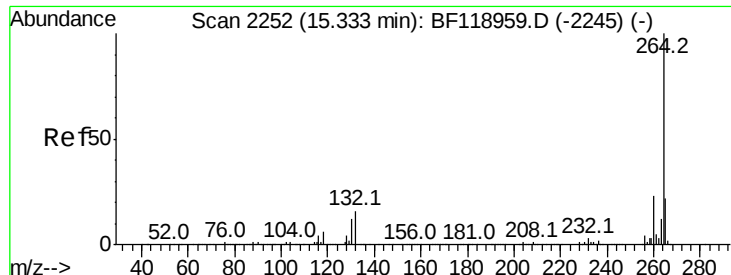
#79
 Terphenyl-d14
 Concen: 94.904 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119360.D
 Acq: 11 Mar 2020 22:12

Tgt Ion:244 Resp: 2058968
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 10.0
 122 9.0 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

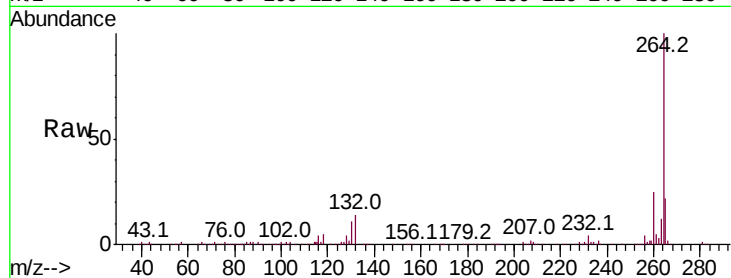




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF119360.D
 Acq: 11 Mar 2020 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.6	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

