

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119372.D
 Acq On : 12 Mar 2020 10:26
 Operator : CG/JU
 Sample : L1849-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:43:09 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

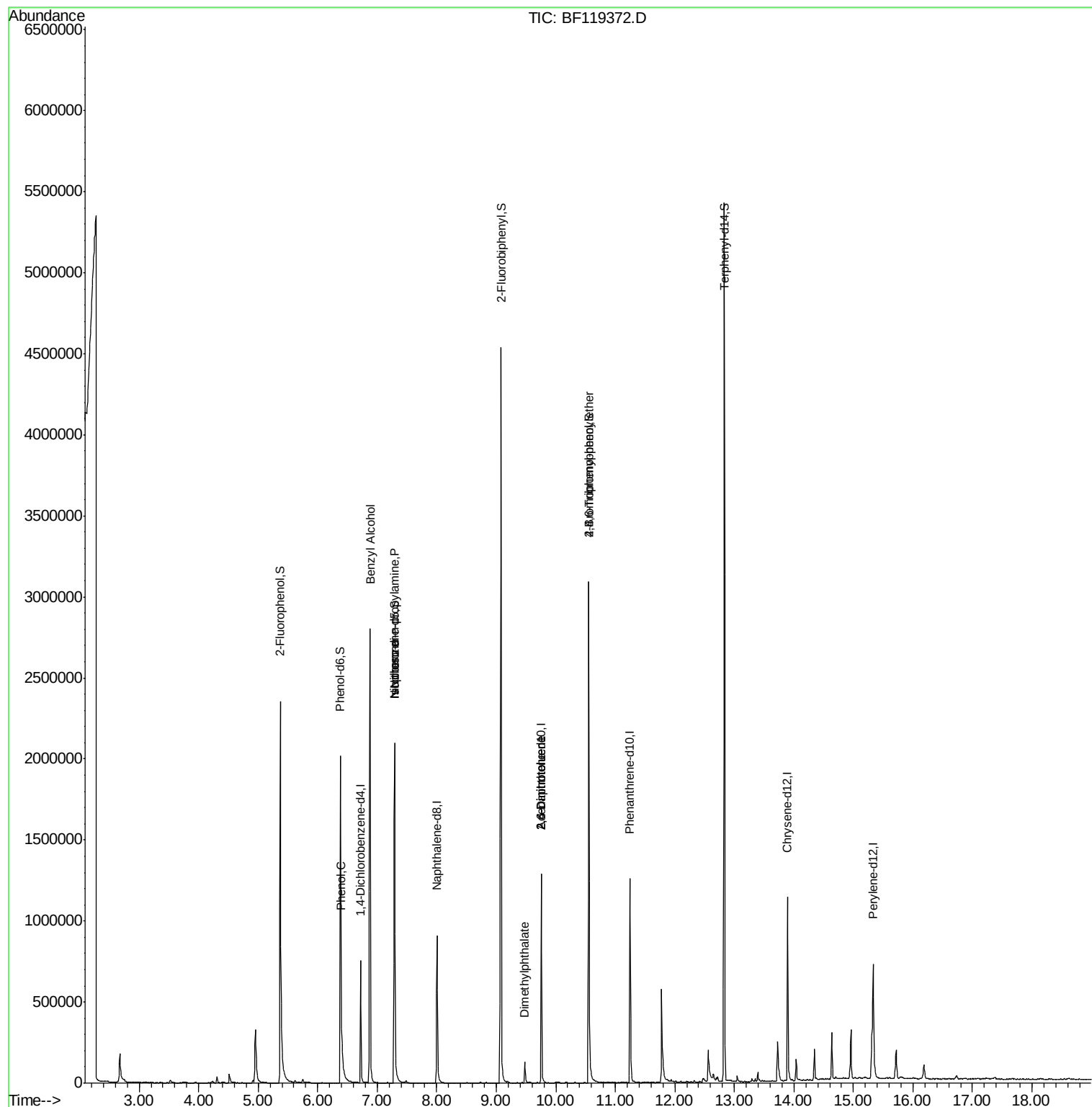
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123800	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	483352	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	274465	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	522230	20.00	ng	0.00
76) Chrysene-d12	13.89	240	415369	20.00	ng	0.00
87) Perylene-d12	15.33	264	402108	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	883227	119.23	ng	0.02
7) Phenol-d6	6.38	99	964556	107.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	812799	88.79	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	479035	133.42	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1591307	85.41	ng	0.00
79) Terphenyl-d14	12.83	244	2084066	86.38	ng	0.00
Target Compounds						
10) Phenol	6.40	94	30420	3.123	ng	# 79
15) Benzyl Alcohol	6.87	79	14138	2.171	ng	# 49
19) n-Nitroso-di-n-propylamine	7.29	70	114873	21.881	ng	# 74
25) Isophorone	7.29	82	812799	51.124	ng	# 63
50) Dimethylphthalate	9.48	163	63705	3.035	ng	100
51) 2,6-Dinitrotoluene	9.76	165	34990	7.504	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	34990	5.789	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	31338	4.591	ng	# 1

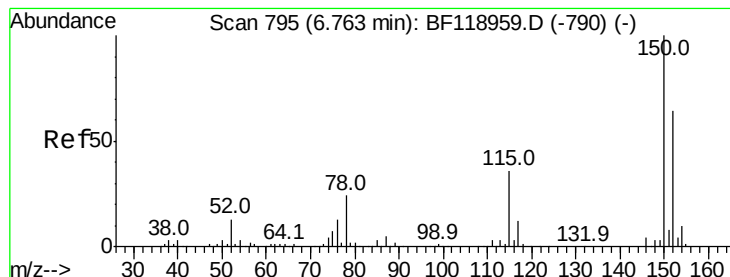
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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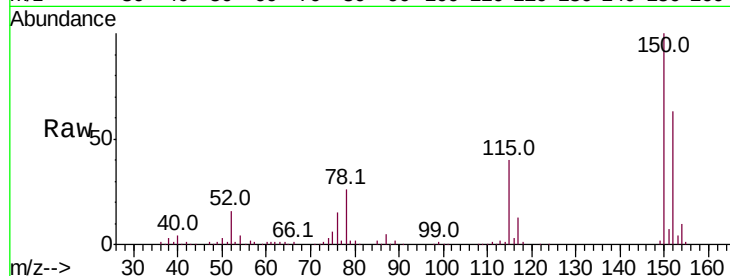


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.0	184.6
115	63.7	49.5	74.3

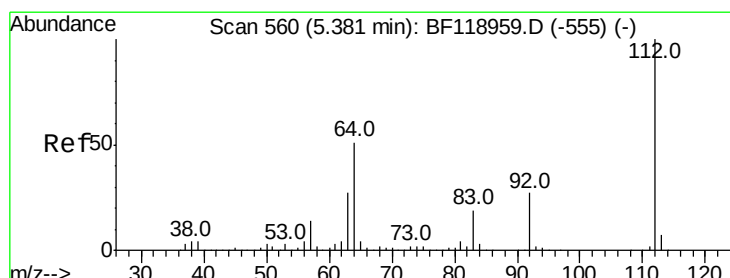
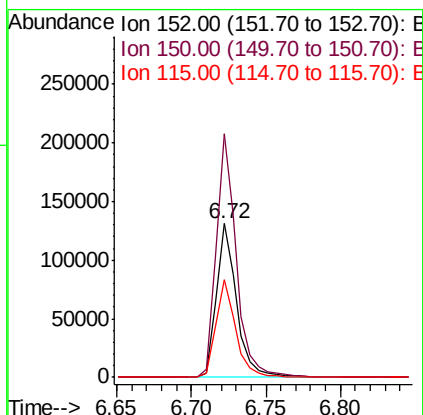
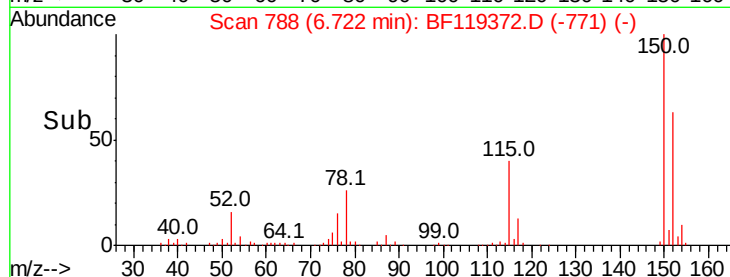


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

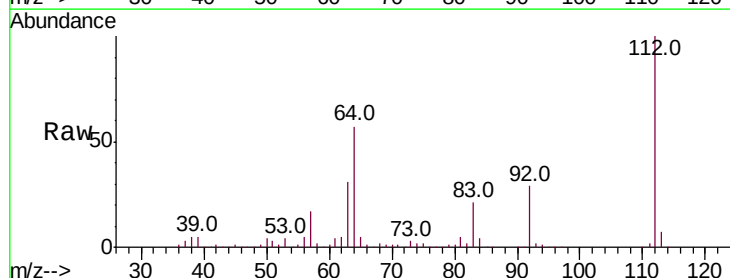
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.227 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.0	67.4
63	30.7	24.2	36.4

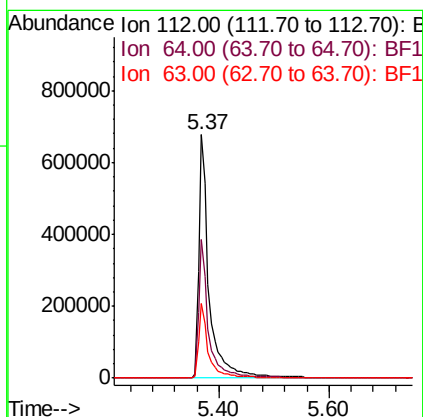
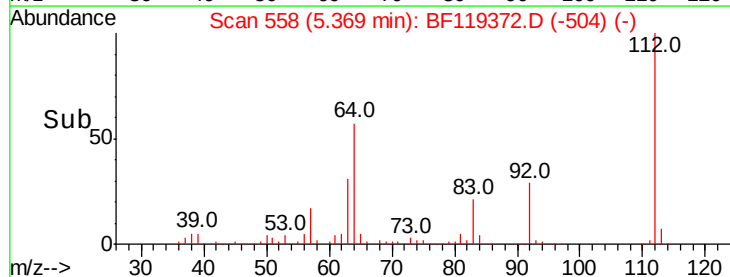


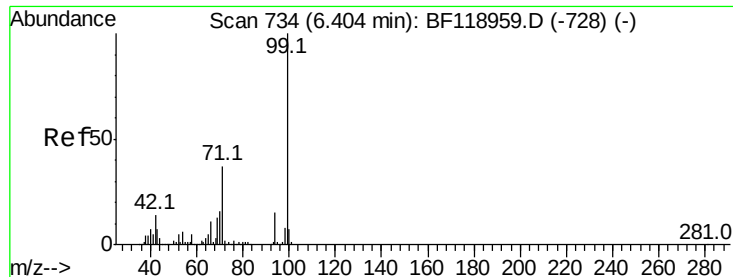
Abundance

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: 107.061 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

Instrument :

BNA_F

ClientSampleId :

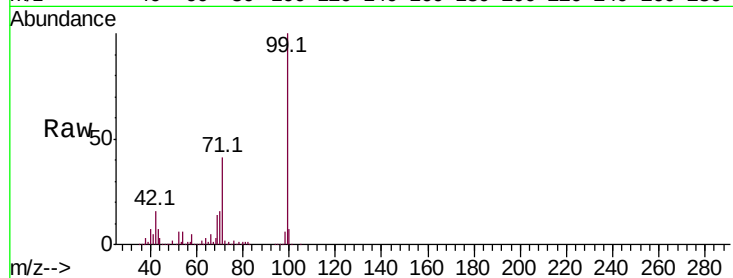
Tot Ion: 99 Resp: 964556

Ion Ratio Lower Upper

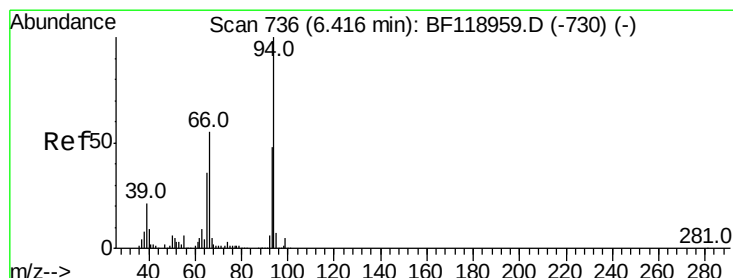
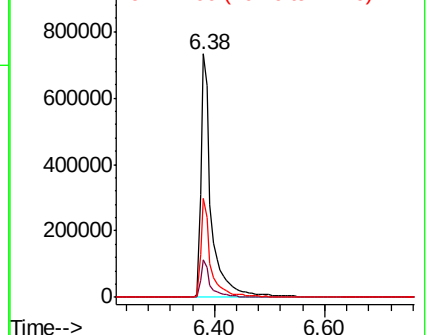
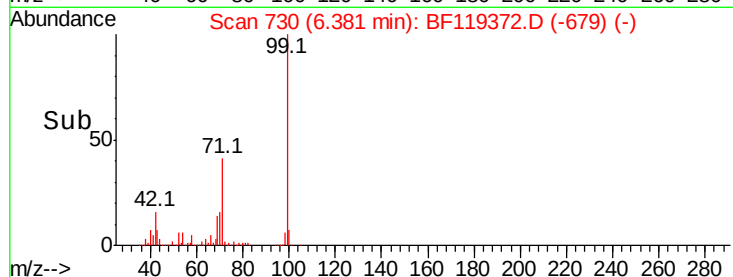
99 100

42 15.5 12.6 18.8

71 40.5 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



#10

Phenol

Concen: 3.123 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

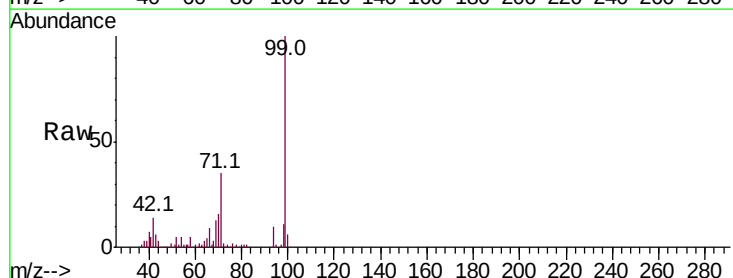
Tgt Ion: 94 Resp: 30420

Ion Ratio Lower Upper

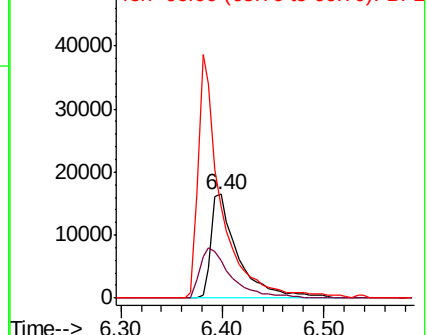
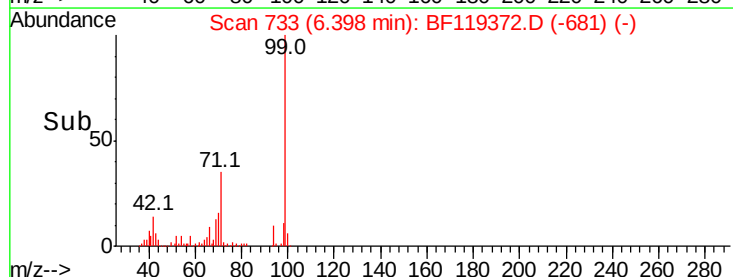
94 100

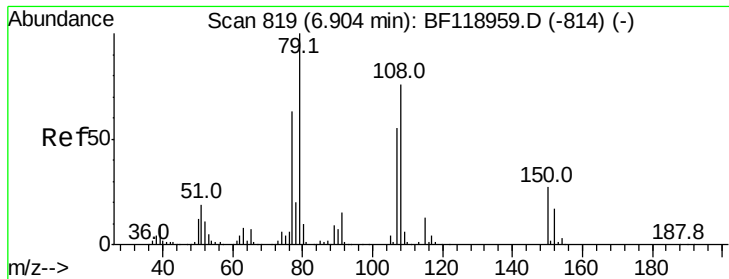
65 36.0 19.2 59.2

66 88.2 44.4 84.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 2.171 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

Instrument :

BNA_F

ClientSampleId :

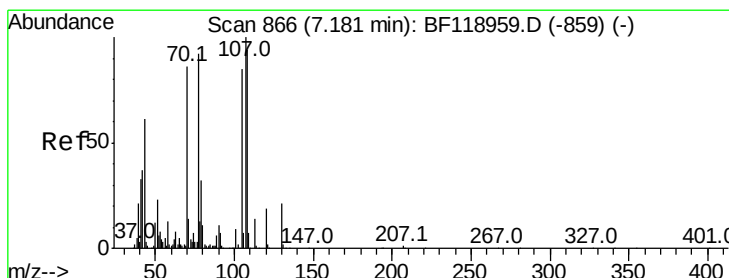
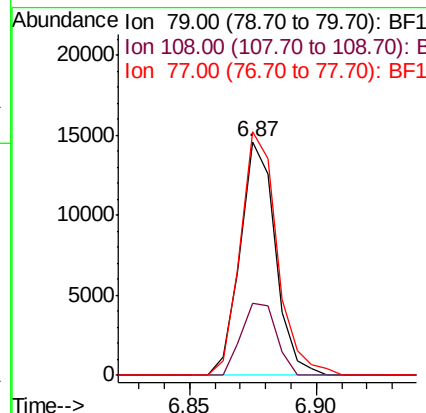
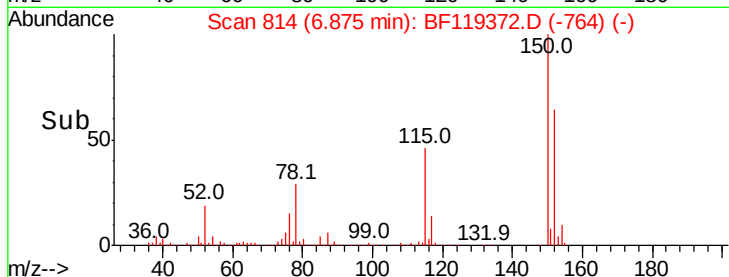
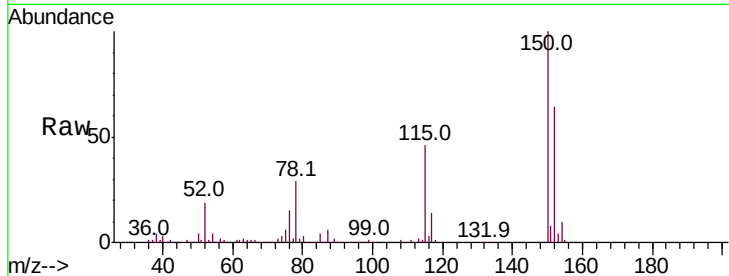
Tot Ion: 79 Resp: 14138

Ion Ratio Lower Upper

79 100

108 30.9 58.2 87.2#

77 104.1 51.2 76.8#



#19

n-Nitroso-di-n-propylamine

Concen: 21.881 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

Tgt Ion: 70 Resp: 114873

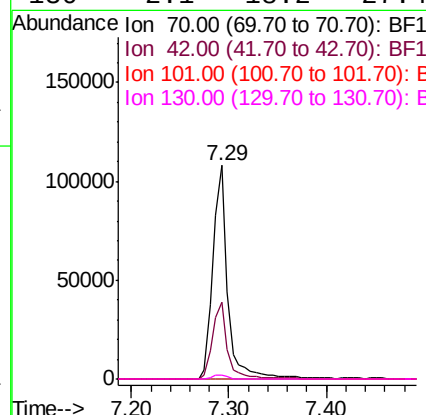
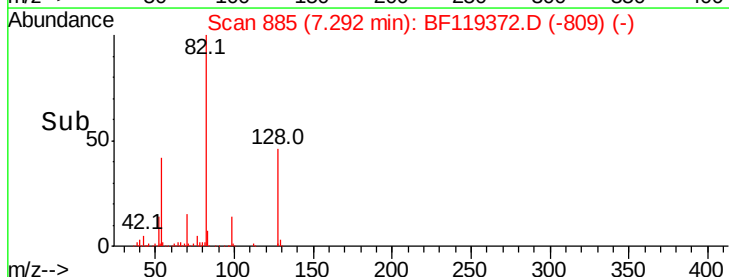
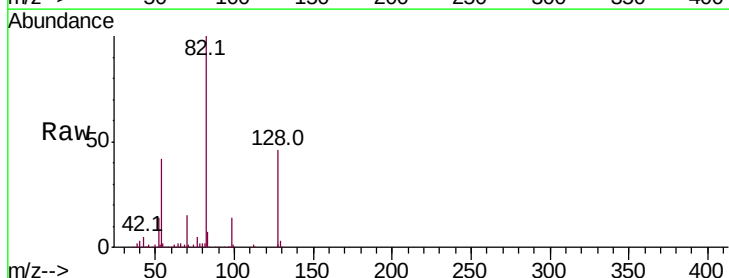
Ion Ratio Lower Upper

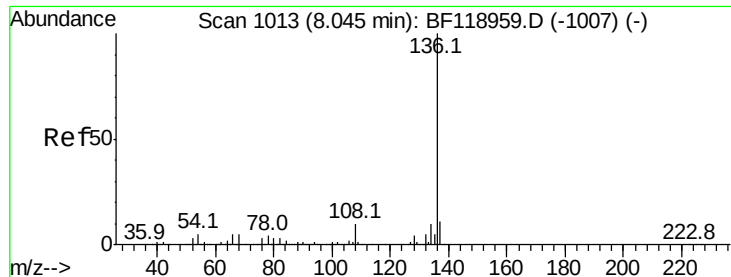
70 100

42 36.2 38.0 57.0#

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#

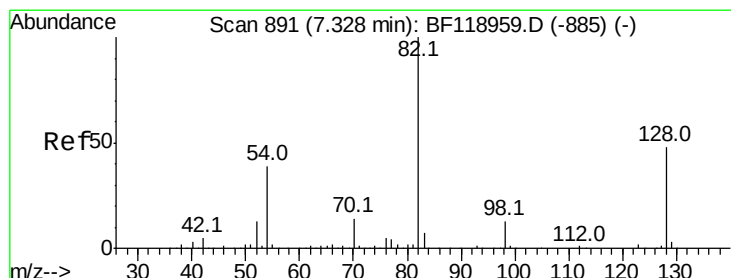
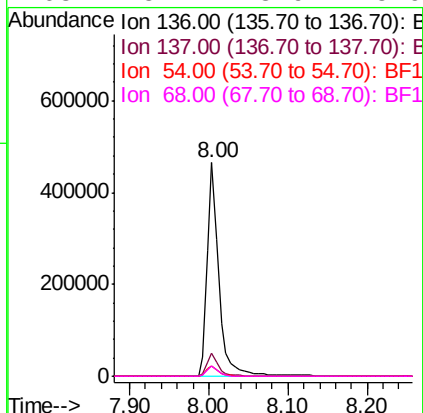
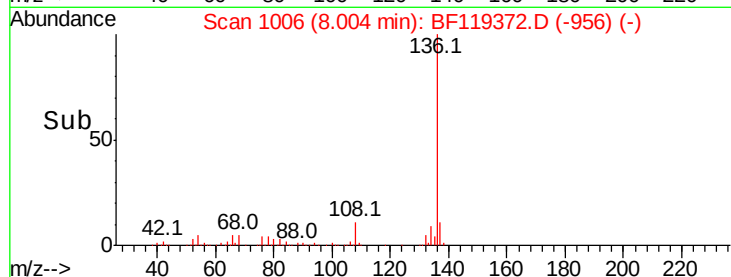
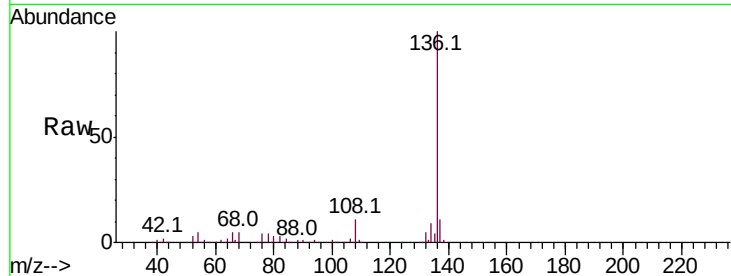




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

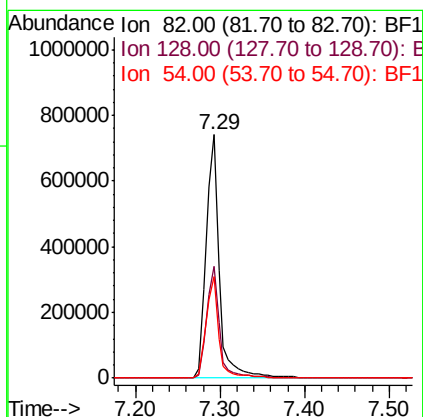
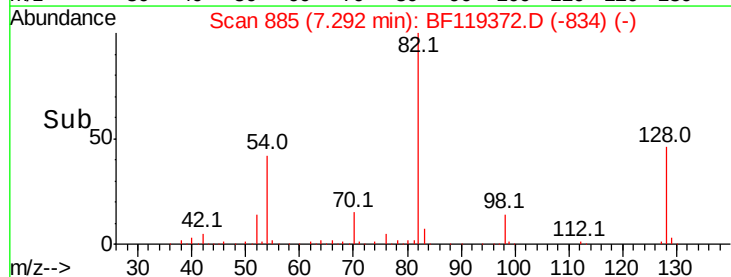
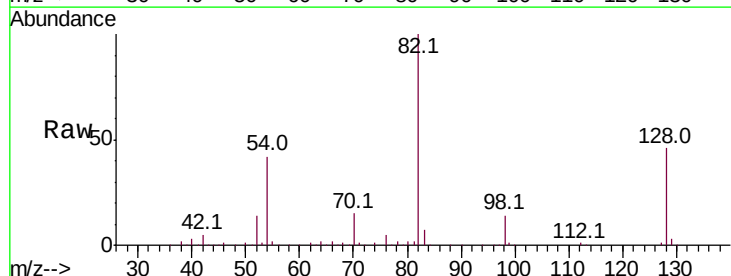
Instrument :
BNA_F
ClientSampleId :

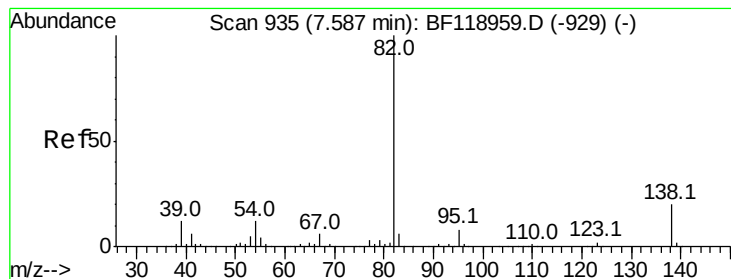
Tot Ion:136	Resp: 483352
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 4.9	3.8 5.6
68 5.1	3.9 5.9



#23
Nitrobenzene-d5
Concen: 88.788 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

Tgt Ion: 82	Resp: 812799
Ion Ratio	Lower Upper
82 100	
128 45.7	37.9 56.9
54 41.6	33.4 50.2





#25

Isophorone

Concen: 51.124 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

Instrument :

BNA_F

ClientSampleId :

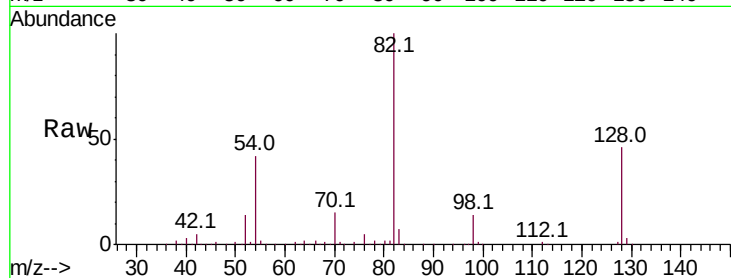
Tot Ion: 82 Resp: 812799

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

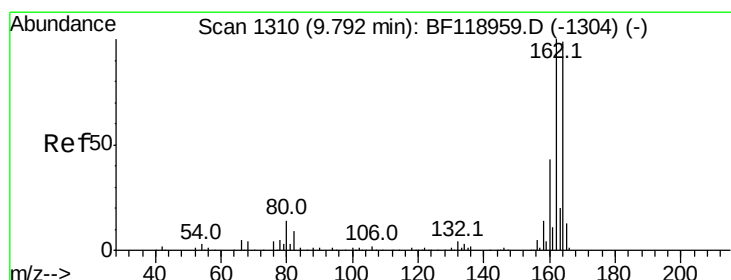
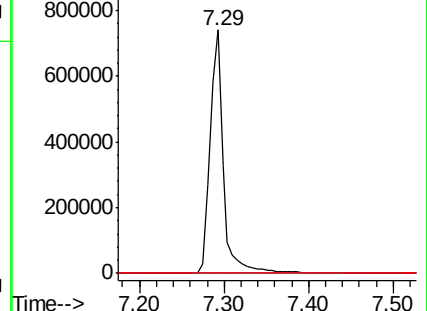
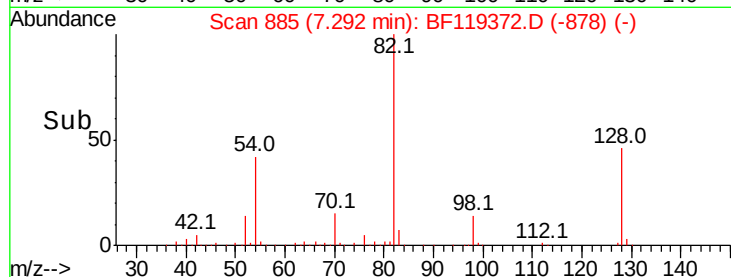
138 0.0 15.7 23.5#



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

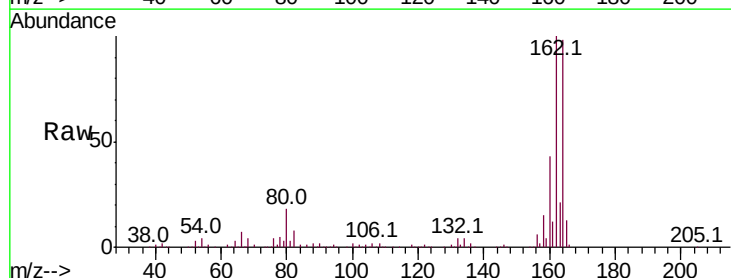
Tgt Ion:164 Resp: 274465

Ion Ratio Lower Upper

164 100

162 102.0 81.8 122.8

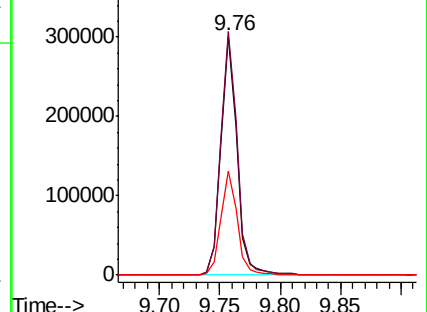
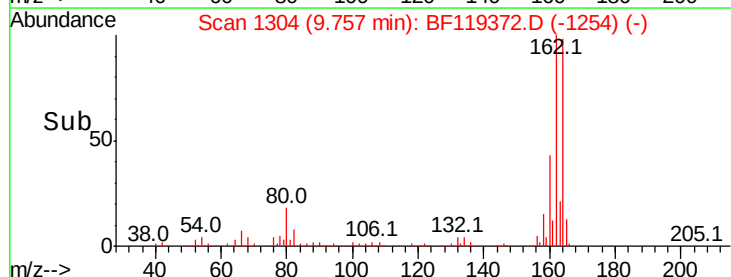
160 43.4 36.0 54.0

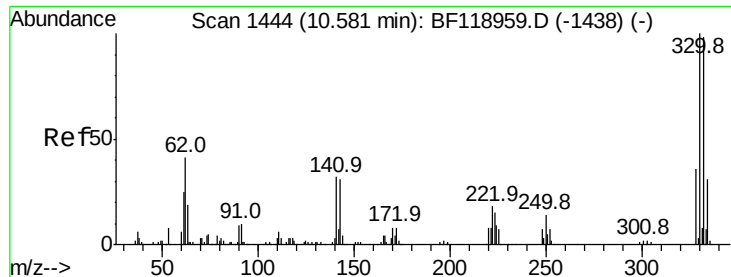


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

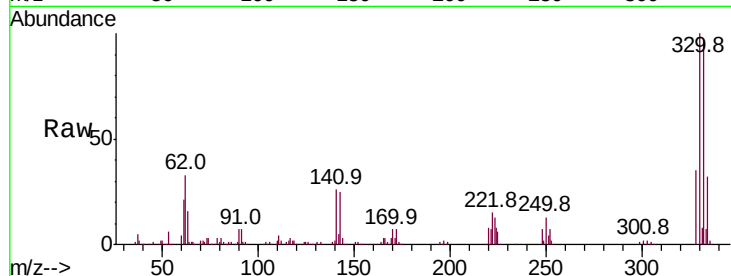




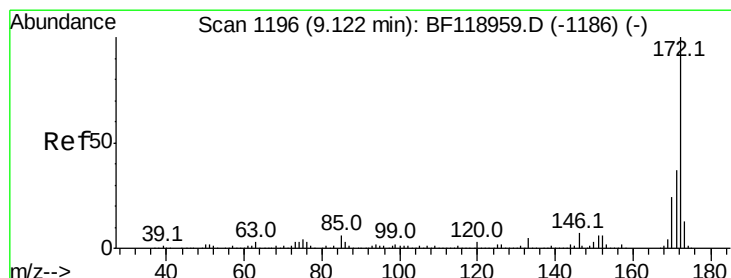
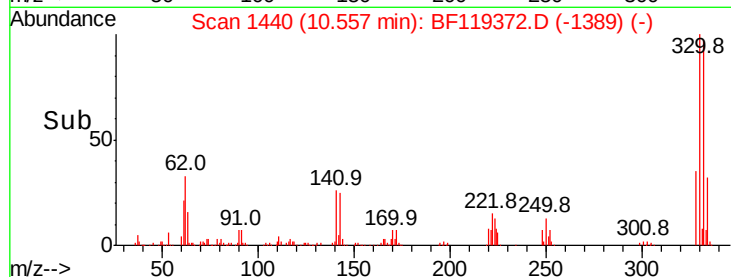
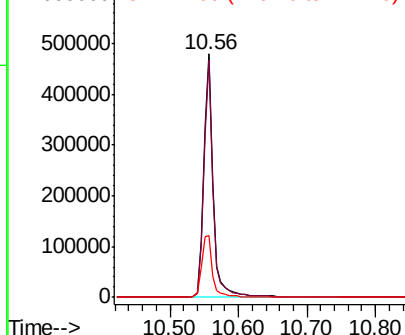
#42
 2,4,6-Tribromophenol
 Concen: 133.419 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119372.D
 Acq: 12 Mar 2020 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.0	114.0
141	29.6	22.9	34.3

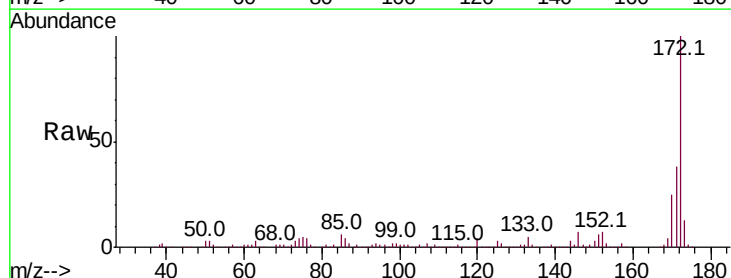


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

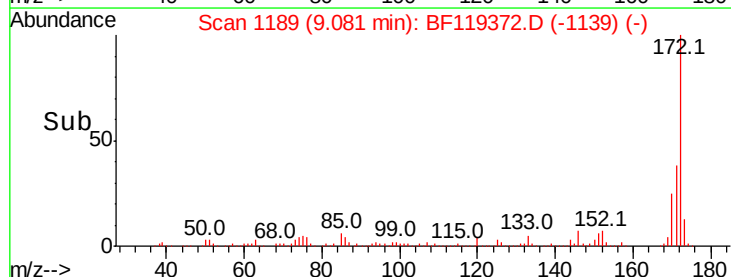
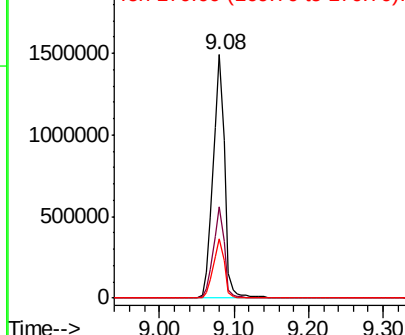


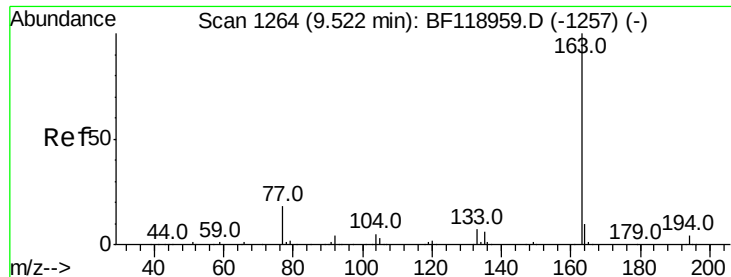
#45
 2-Fluorobiphenyl
 Concen: 85.412 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119372.D
 Acq: 12 Mar 2020 10:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.6	45.8
170	24.6	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

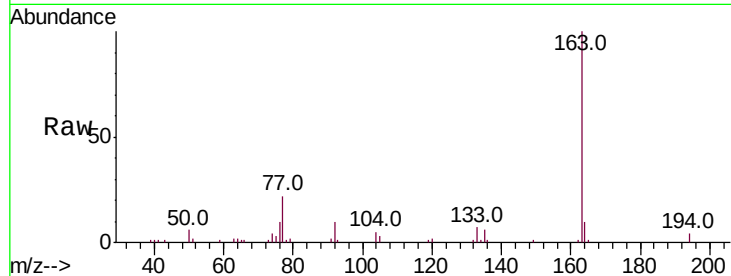




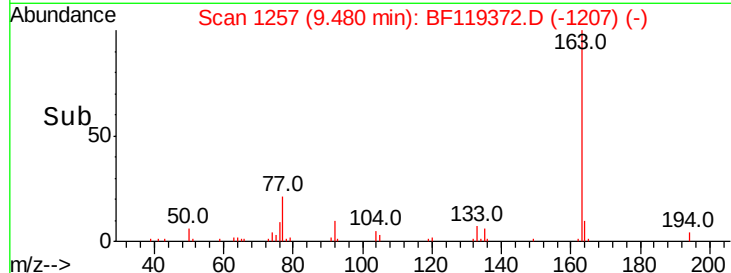
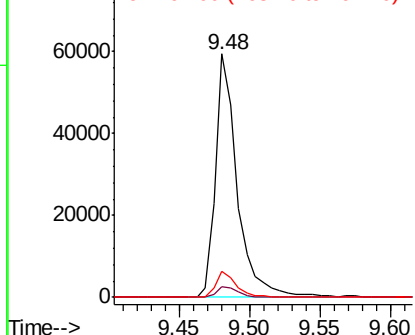
#50
Dimethylphthalate
Concen: 3.035 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 63705
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.5 8.4 12.6

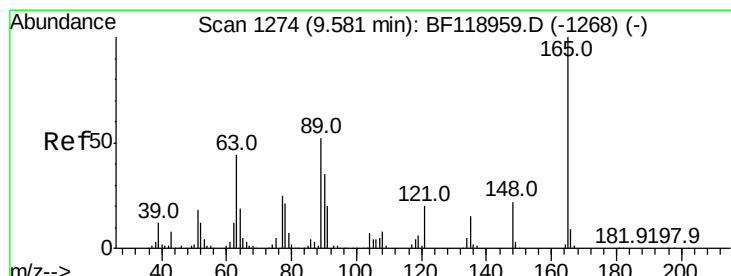


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

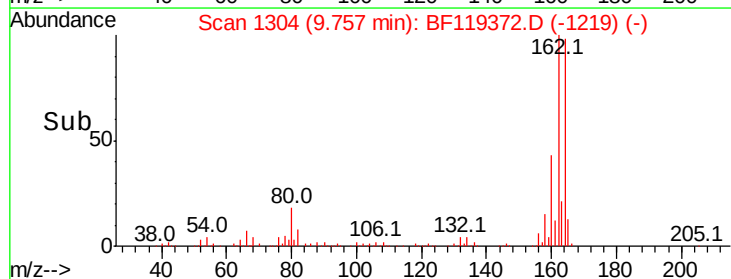
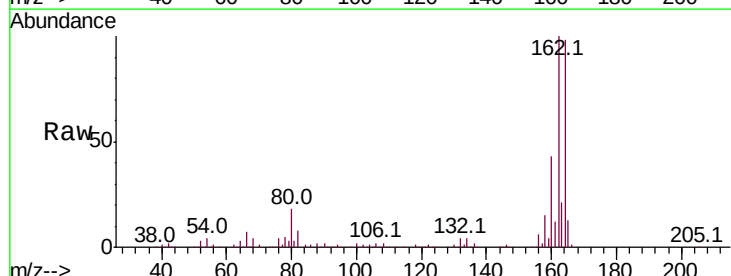
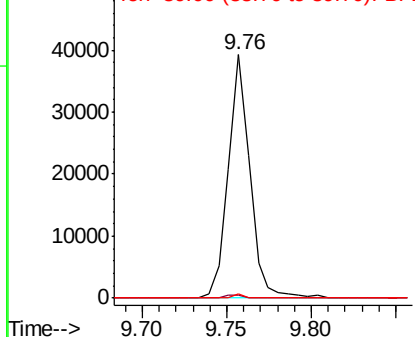


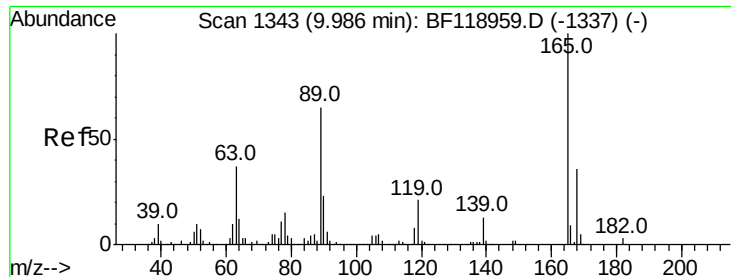
#51
2,6-Dinitrotoluene
Concen: 7.504 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

Tgt Ion:165 Resp: 34990
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.7 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

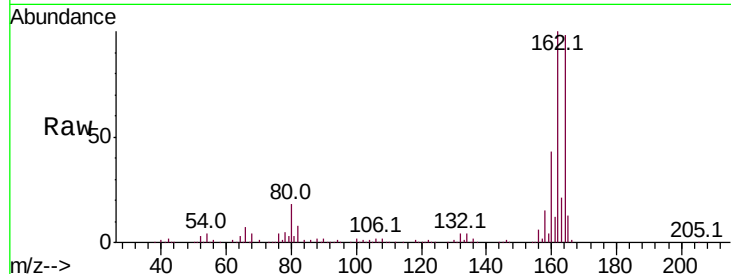




#57
 2,4-Dinitrotoluene
 Concen: 5.789 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119372.D
 Acq: 12 Mar 2020 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.7	60.2	90.4#
182	0.0	2.3	3.5#

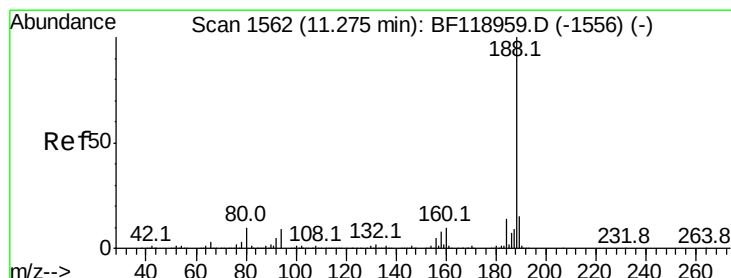
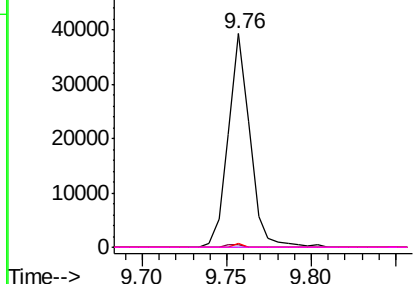
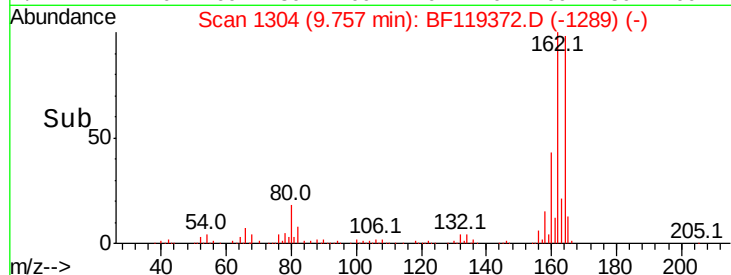


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

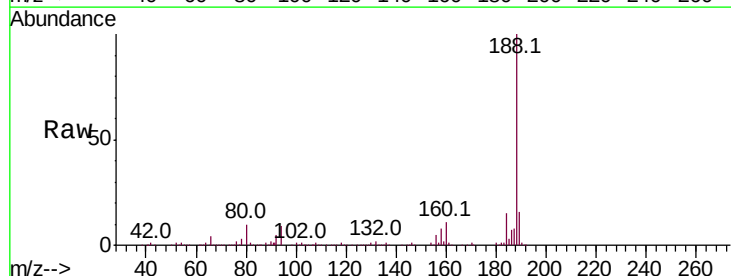
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF119372.D
 Acq: 12 Mar 2020 10:26

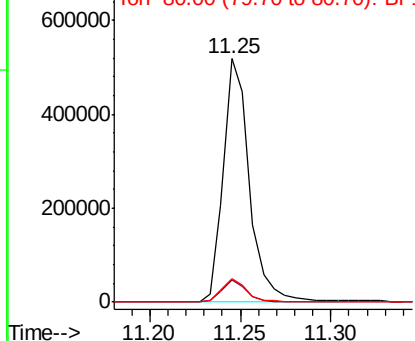
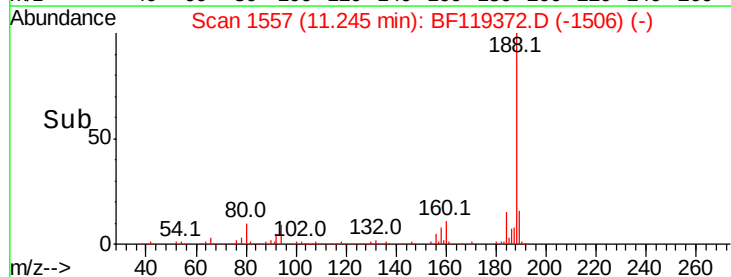
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.7	7.8	11.8

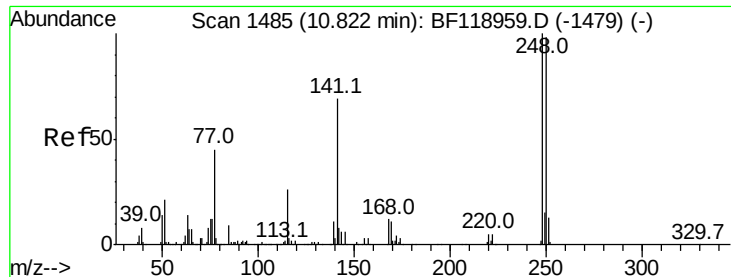


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

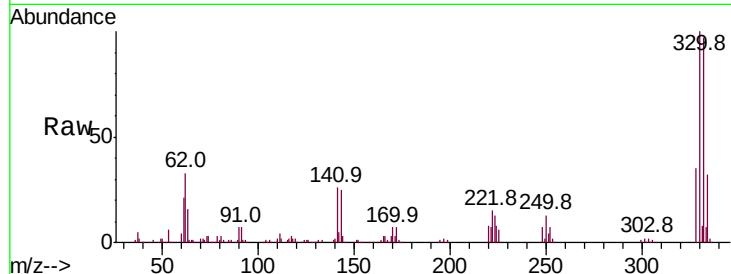




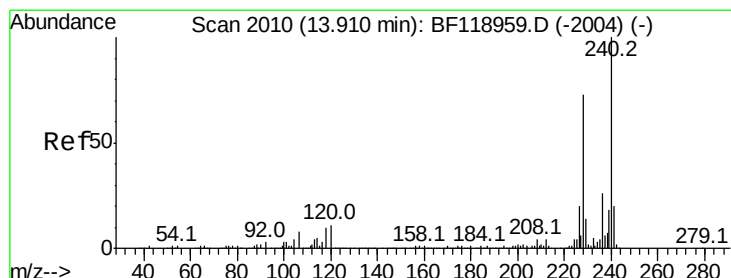
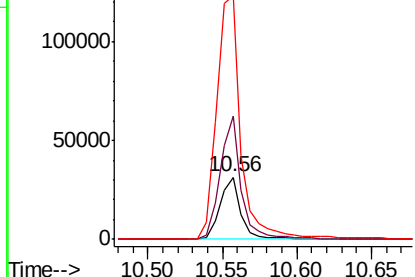
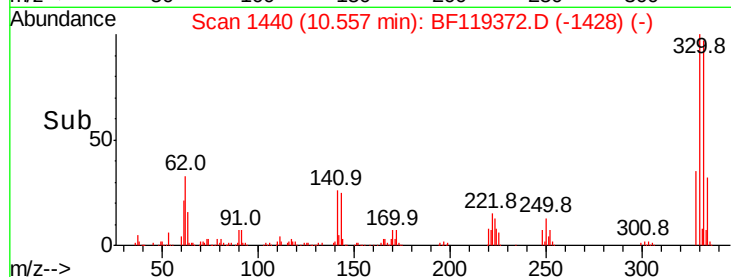
#67
4-Bromophenyl-phenylether
Concen: 4.591 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 31338
Ion Ratio Lower Upper
248 100
250 197.6 76.7 115.1#
141 391.5 60.7 91.1#

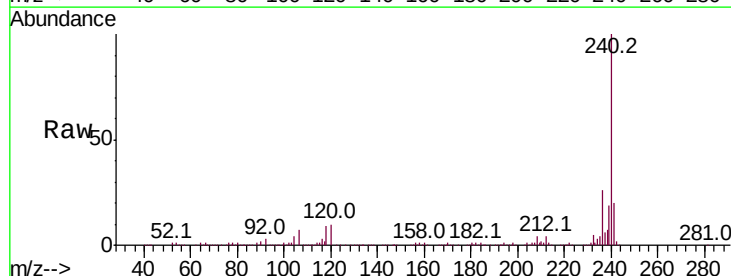


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

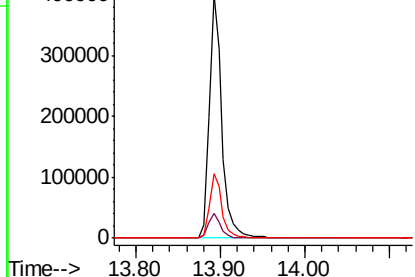
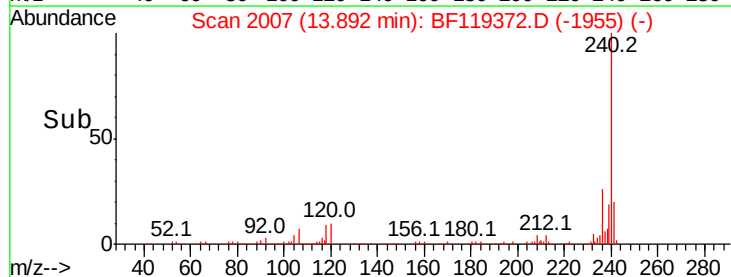


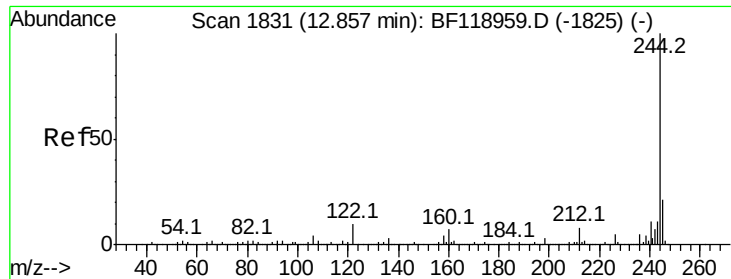
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

Tgt Ion:240 Resp: 415369
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.2 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

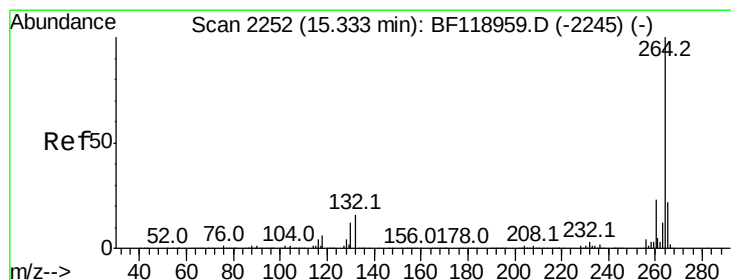
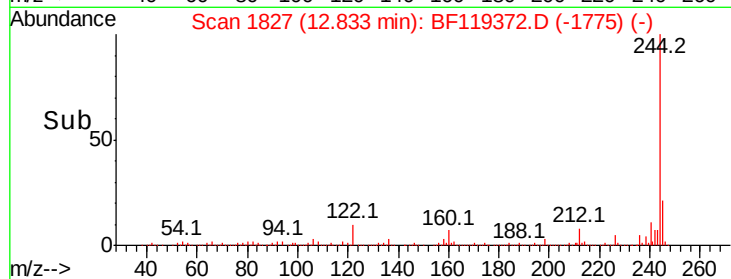
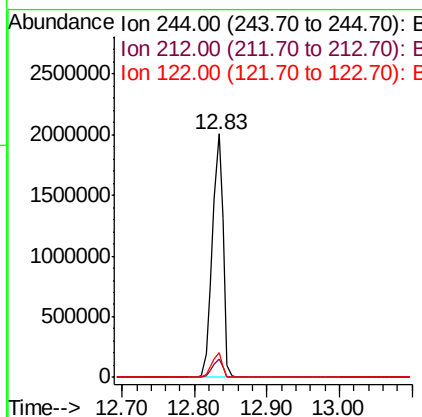
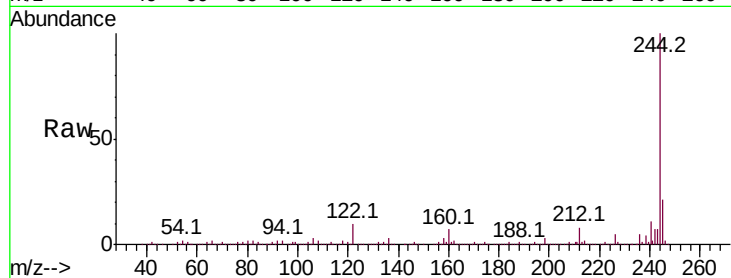




#79
 Terphenyl-d14
 Concen: 86.383 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119372.D
 Acq: 12 Mar 2020 10:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2084066
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 10.0 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.02 min
 Lab File: BF119372.D
 Acq: 12 Mar 2020 10:26

Tgt Ion:264 Resp: 402108
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.3 17.7 26.5

