

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119390.D
 Acq On : 12 Mar 2020 20:02
 Operator : CG/JU
 Sample : L1797-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:47:54 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	123723	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	483692	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	276219	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	530738	20.00	ng	0.00
76) Chrysene-d12	13.90	240	370822	20.00	ng	0.01
87) Perylene-d12	15.33	264	384449	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	890756	120.32	ng	0.02
7) Phenol-d6	6.38	99	986976	109.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	785491	85.74	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	453448	125.49	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1554529	82.91	ng	0.00
79) Terphenyl-d14	12.83	244	1890760	87.79	ng	0.00

Target Compounds

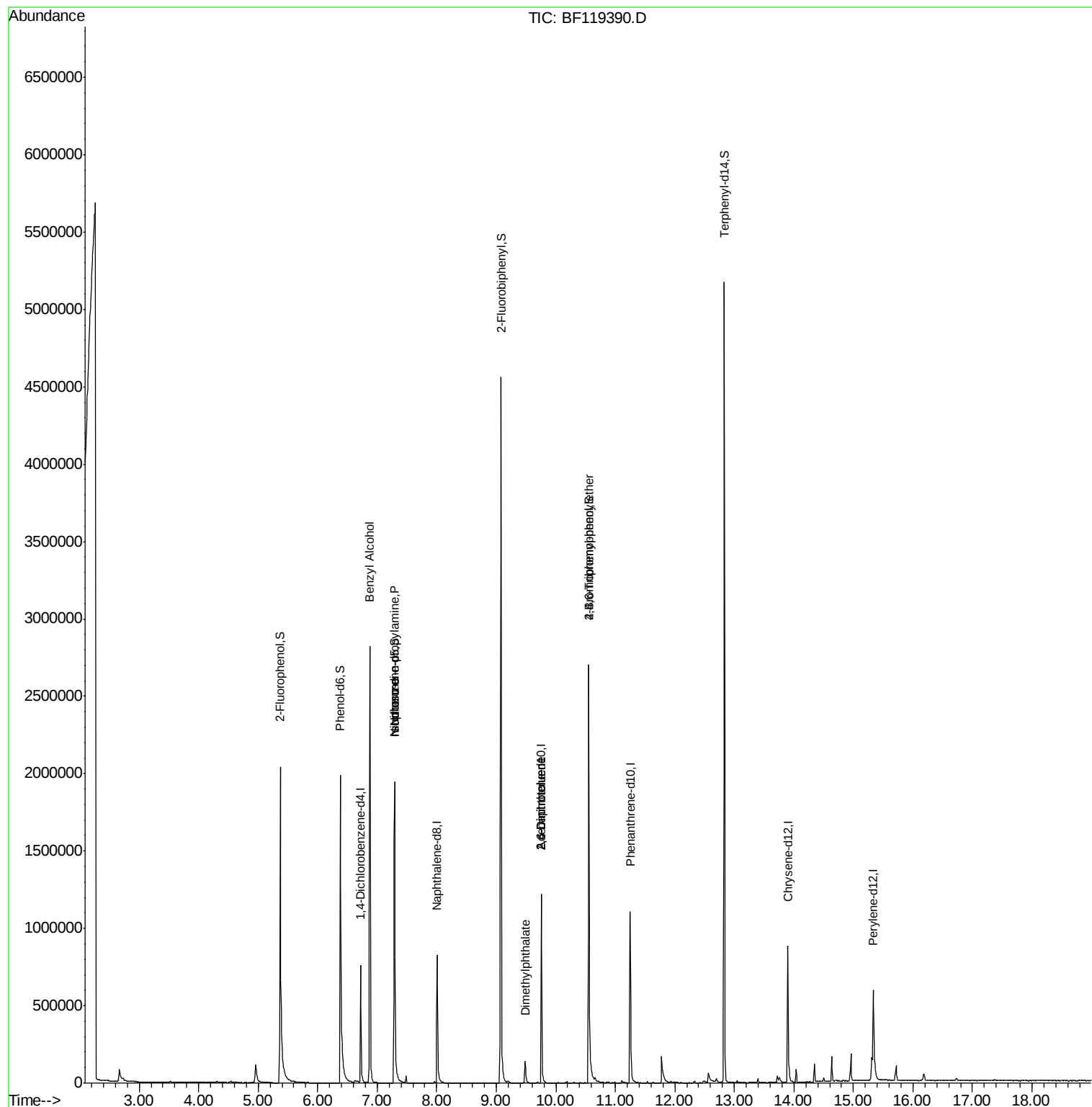
						Qvalue
15) Benzyl Alcohol	6.87	79	13514	2.077	ng	# 52
19) n-Nitroso-di-n-propylamine	7.29	70	108963	20.769	ng	# 75
25) Isophorone	7.29	82	785491	49.372	ng	# 63
50) Dimethylphthalate	9.49	163	84950	4.022	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	35373	7.538	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	35373	5.815	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	29929	4.314	ng	# 1

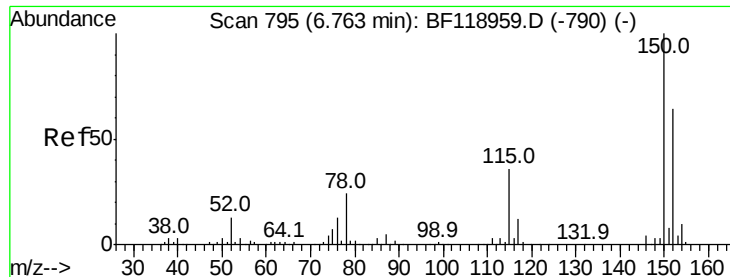
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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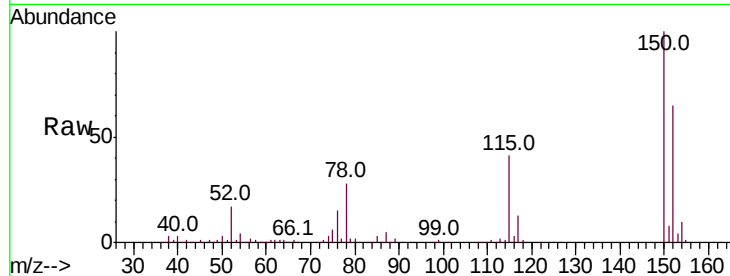


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119390.D
Acq: 12 Mar 2020 20:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.0	184.6
115	62.7	49.5	74.3

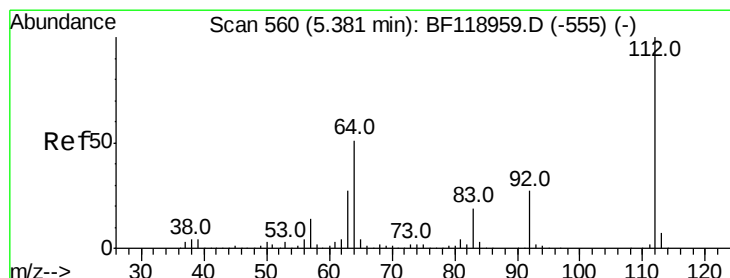
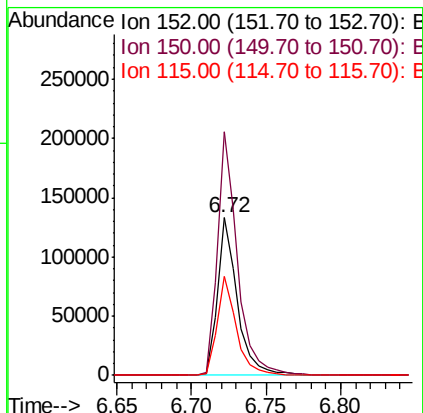
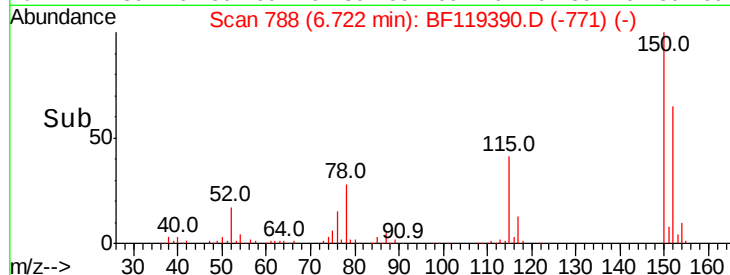


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

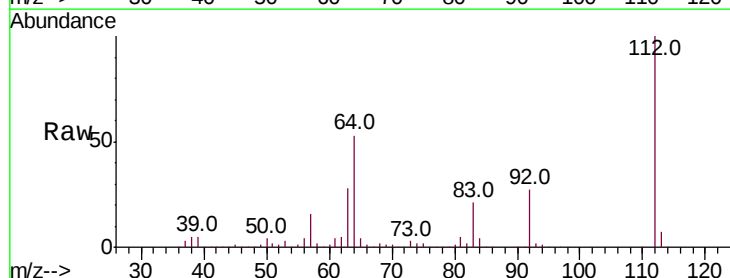
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.318 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119390.D
Acq: 12 Mar 2020 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.0	67.4
63	28.4	24.2	36.4

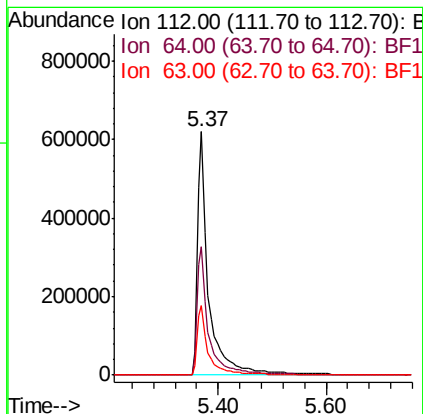
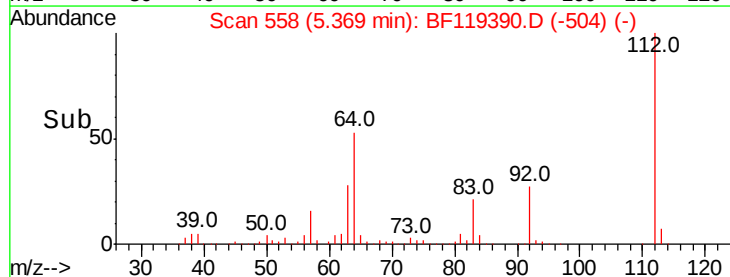


Abundance

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: 109.617 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119390.D

Acq: 12 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

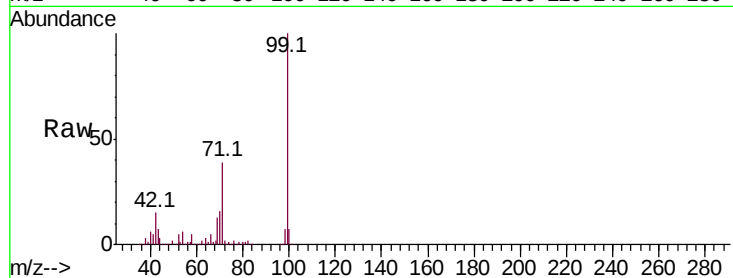
Tot Ion: 99 Resp: 986976

Ion Ratio Lower Upper

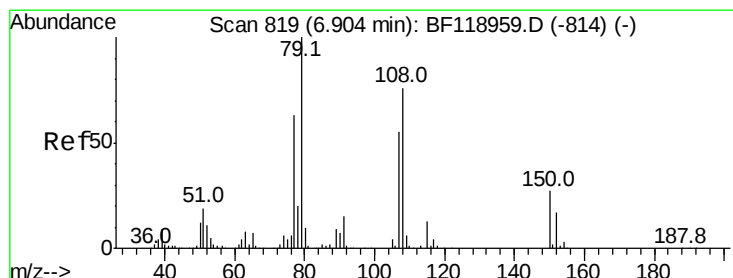
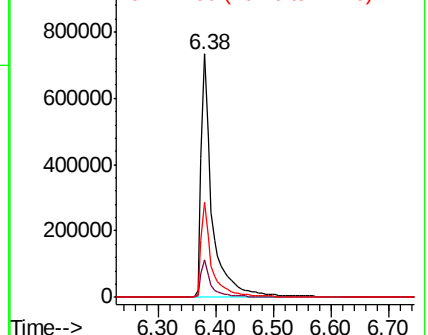
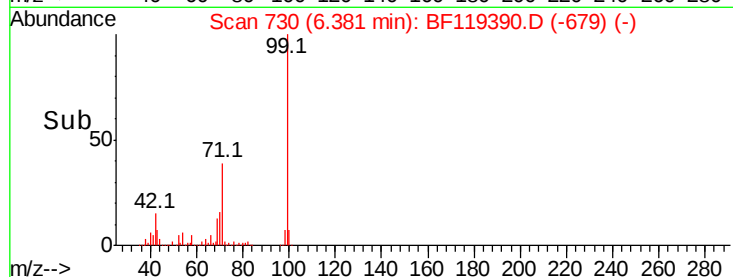
99 100

42 15.3 12.6 18.8

71 39.1 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



#15

Benzyl Alcohol

Concen: 2.077 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119390.D

Acq: 12 Mar 2020 20:02

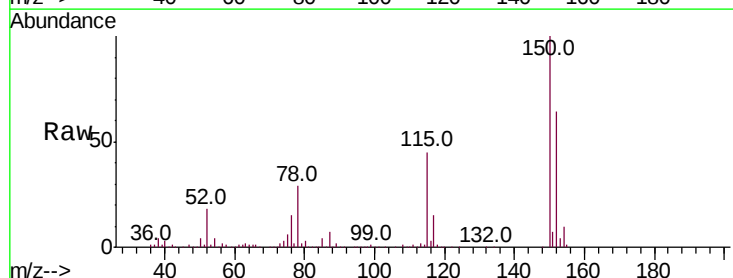
Tgt Ion: 79 Resp: 13514

Ion Ratio Lower Upper

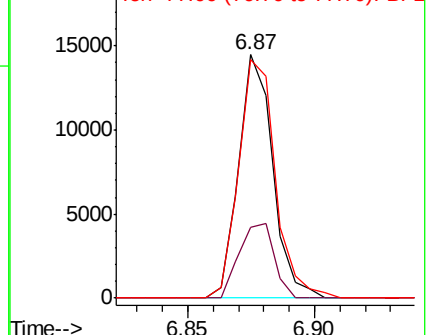
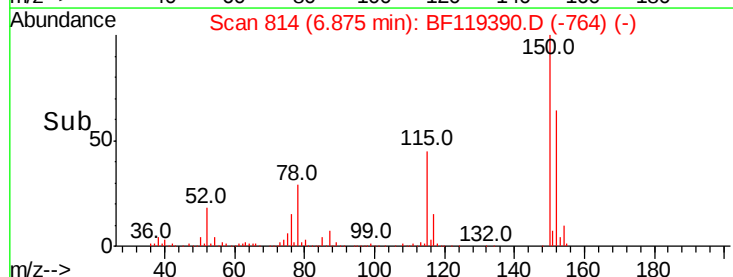
79 100

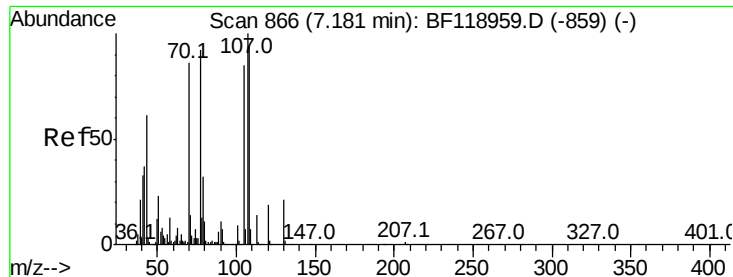
108 29.2 58.2 87.2#

77 98.0 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

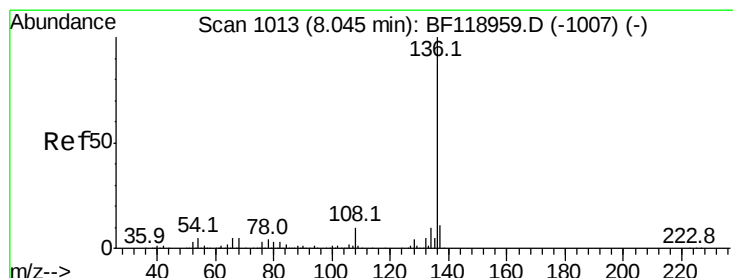
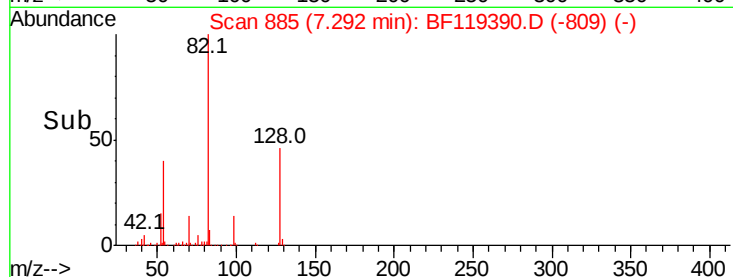
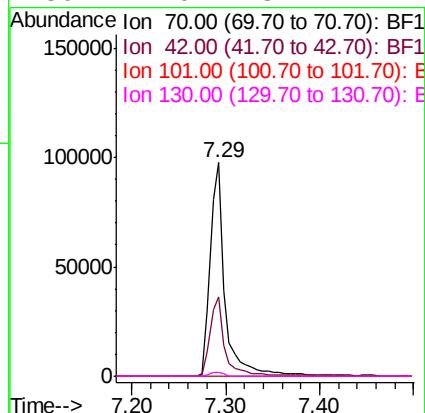
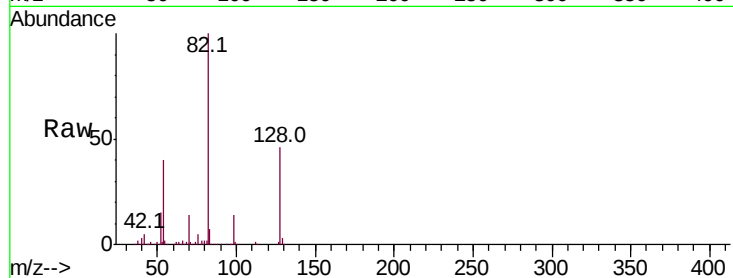




#19
n-Nitroso-di-n-propylamine
Concen: 20.769 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119390.D
Acq: 12 Mar 2020 20:02

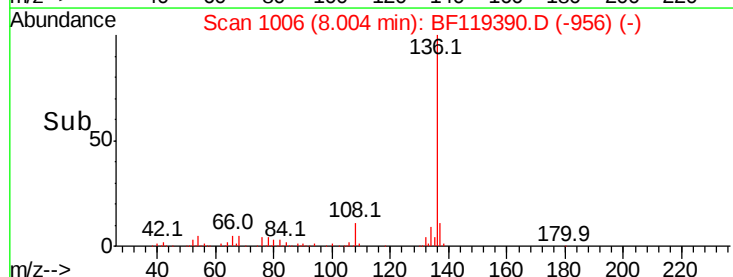
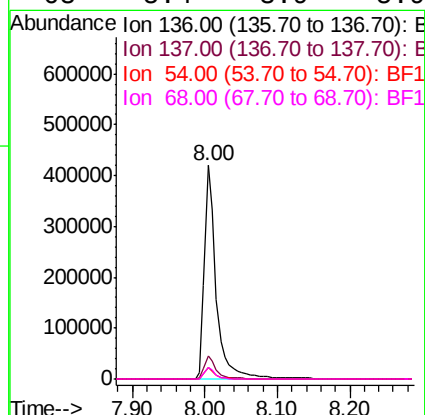
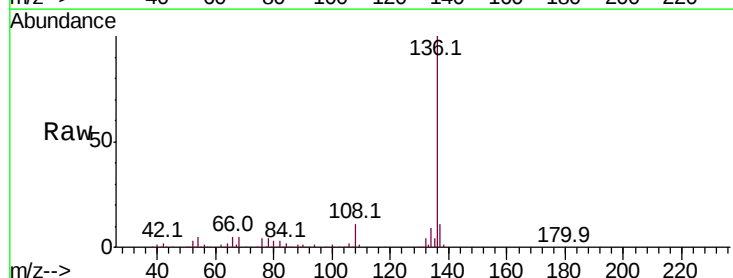
Instrument :
BNA_F
ClientSampled :

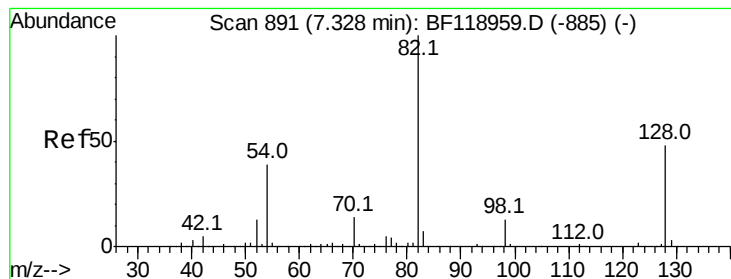
Tot Ion: 70 Resp: 108963
Ion Ratio Lower Upper
70 100
42 37.3 38.0 57.0#
101 0.0 8.2 12.4#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119390.D
Acq: 12 Mar 2020 20:02

Tgt Ion: 136 Resp: 483692
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 5.1 3.8 5.6
68 5.4 3.9 5.9





#23

Nitrobenzene-d5

Concen: 85.745 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119390.D

Acq: 12 Mar 2020 20:02

Instrument :

BNA_F

ClientSampled :

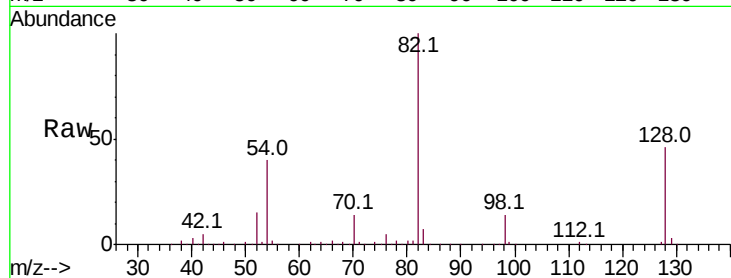
Tot Ion: 82 Resp: 785491

Ion Ratio Lower Upper

82 100

128 45.9 37.9 56.9

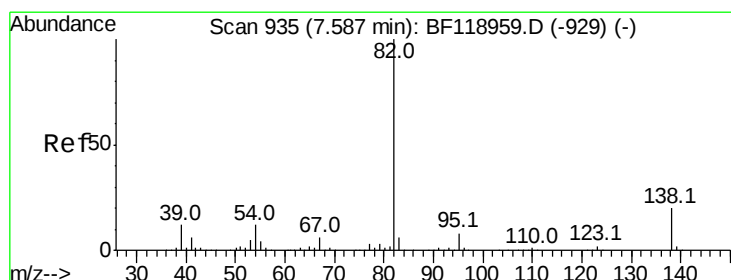
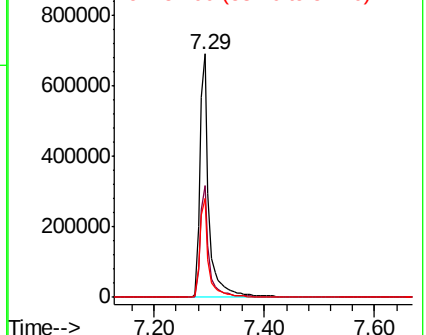
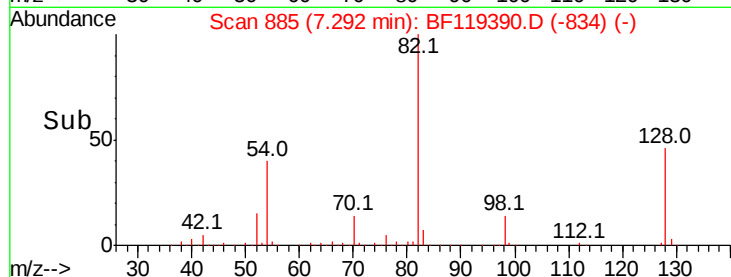
54 40.5 33.4 50.2



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: 49.372 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119390.D

Acq: 12 Mar 2020 20:02

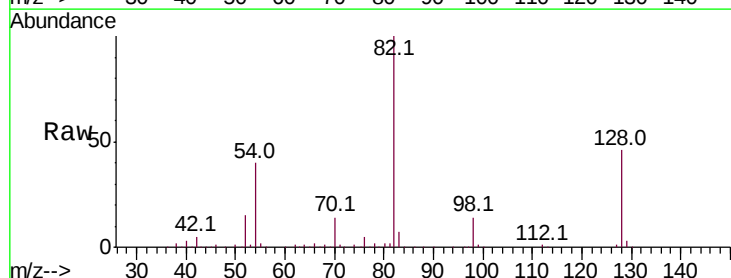
Tgt Ion: 82 Resp: 785491

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

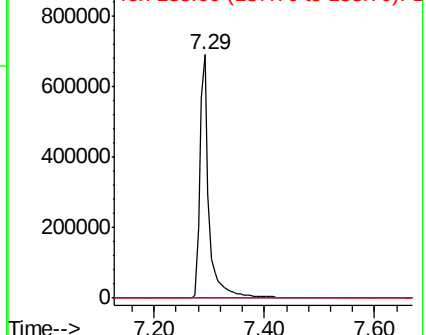
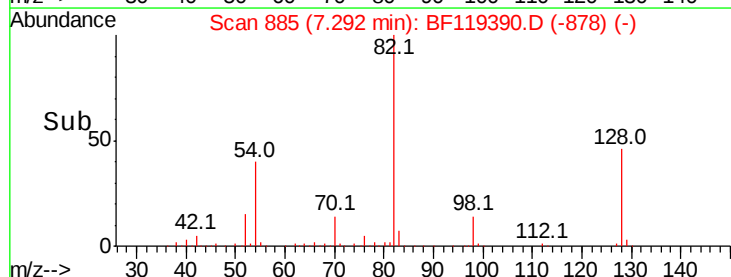
138 0.0 15.7 23.5#

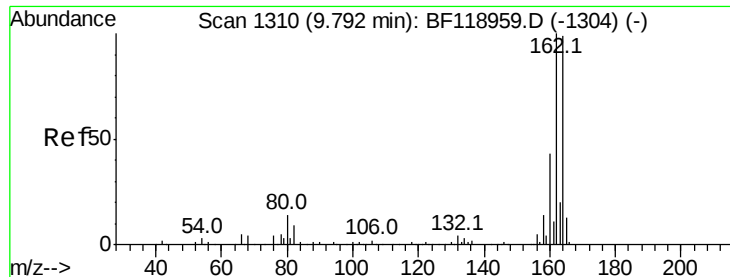


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

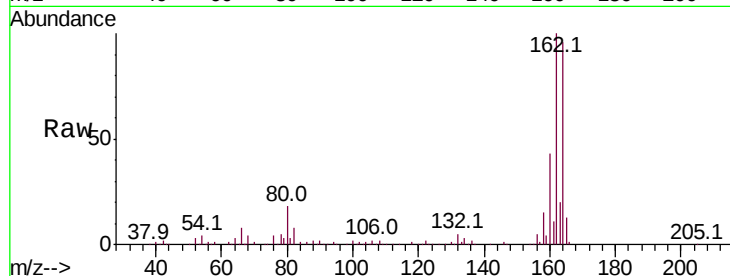




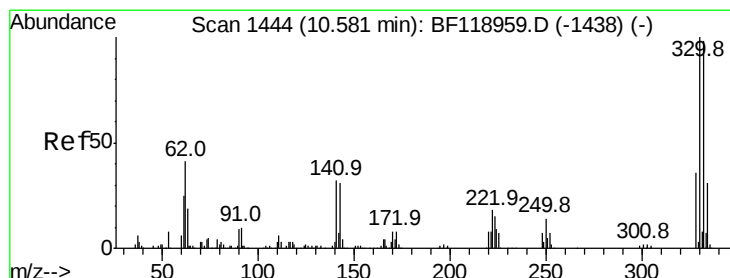
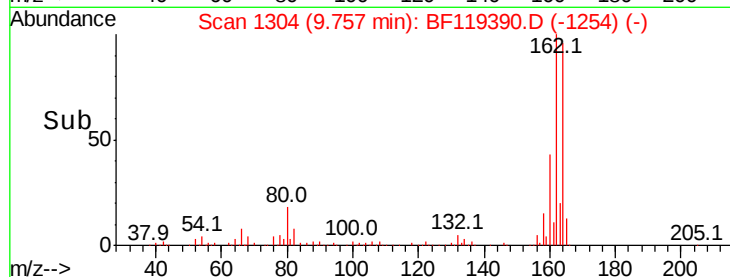
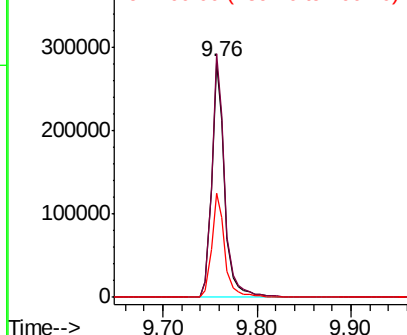
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119390.D
 Acq: 12 Mar 2020 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 276219
 Ion Ratio Lower Upper
 164 100
 162 103.7 81.8 122.8
 160 44.6 36.0 54.0

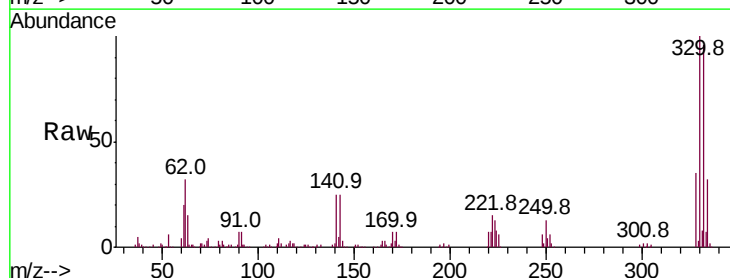


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

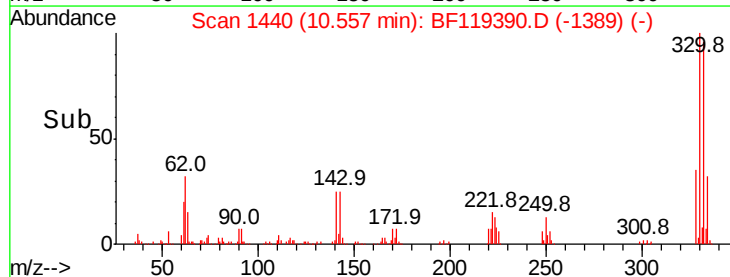
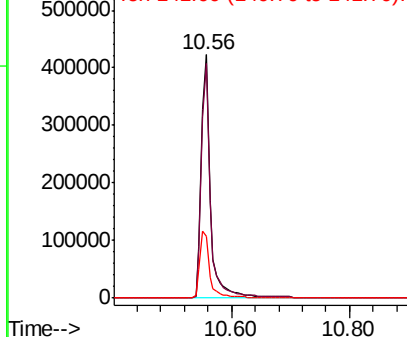


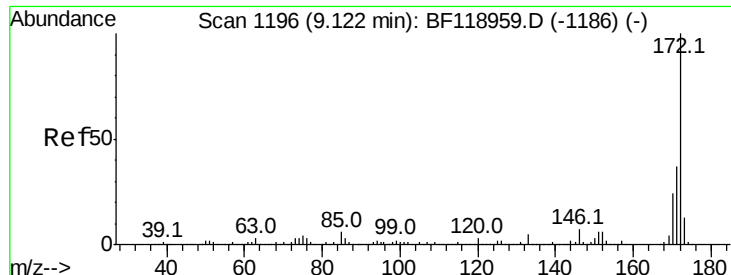
#42
 2,4,6-Tribromophenol
 Concen: 125.490 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119390.D
 Acq: 12 Mar 2020 20:02

Tgt Ion:330 Resp: 453448
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.0 114.0
 141 30.5 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

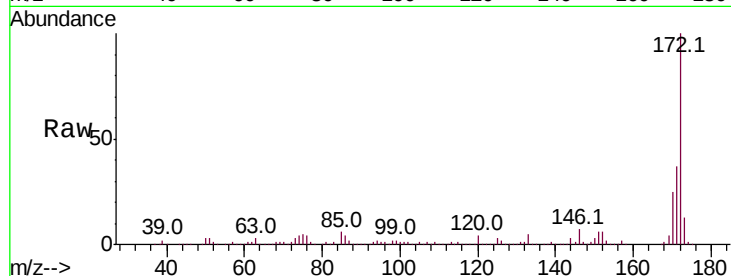




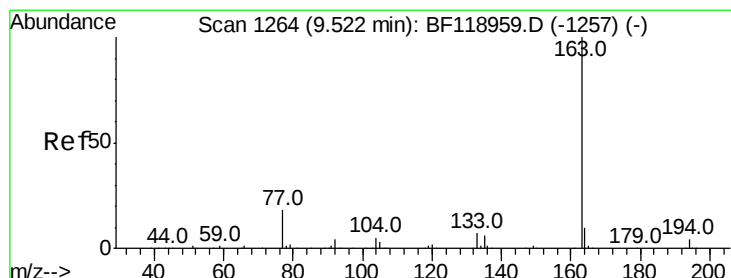
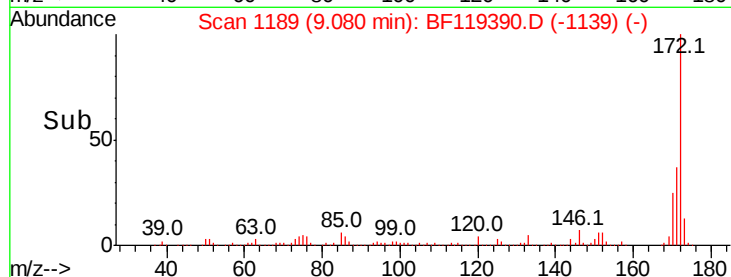
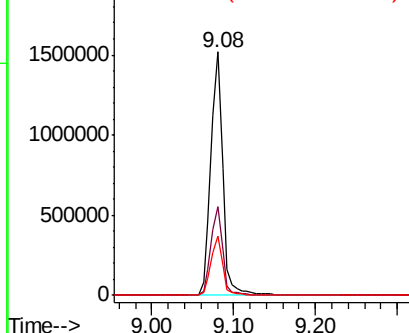
#45
2-Fluorobiphenyl
Concen: 82.908 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119390.D
Acq: 12 Mar 2020 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1554529
Ion Ratio Lower Upper
172 100
171 36.7 30.6 45.8
170 24.6 20.2 30.2

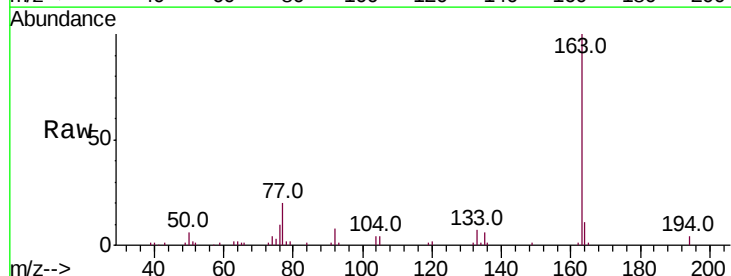


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

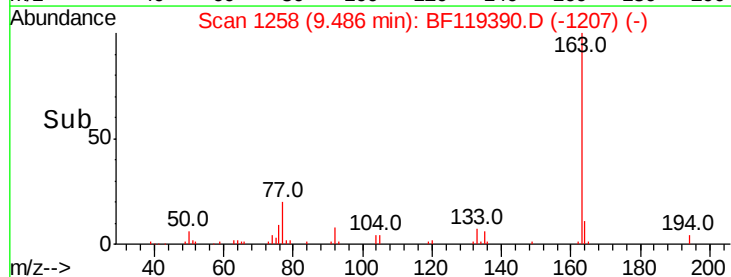
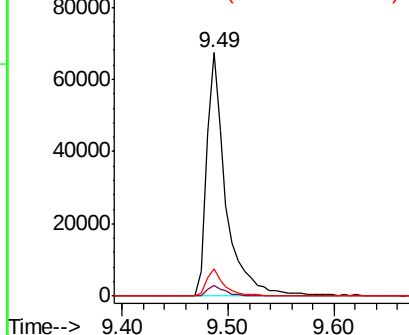


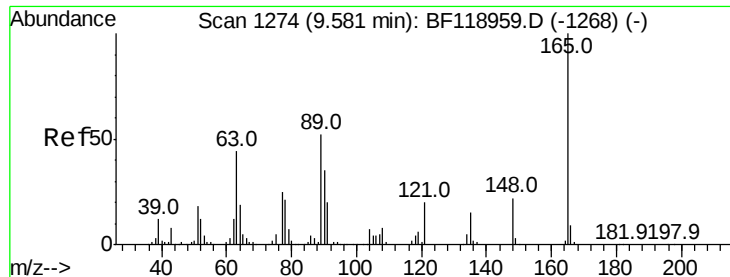
#50
Dimethylphthalate
Concen: 4.022 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119390.D
Acq: 12 Mar 2020 20:02

Tgt Ion:163 Resp: 84950
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 11.1 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

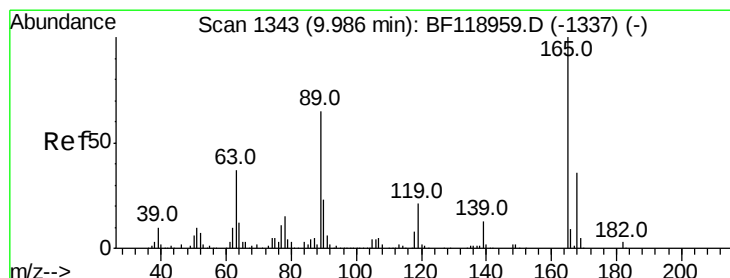
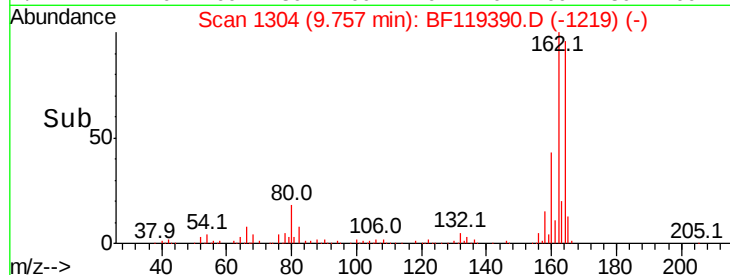
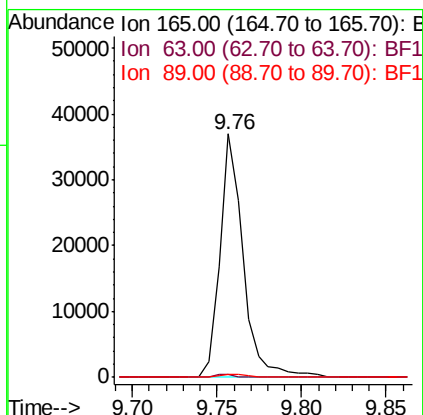
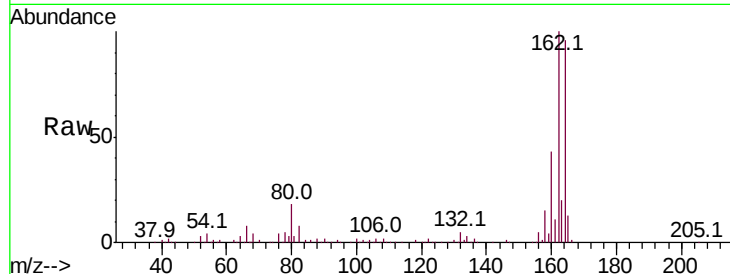




#51
 2,6-Dinitrotoluene
 Concen: 7.538 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119390.D
 Acq: 12 Mar 2020 20:02

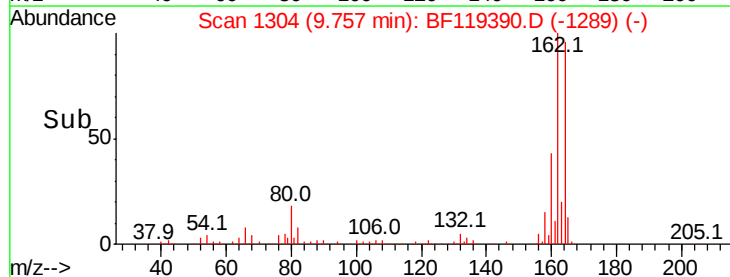
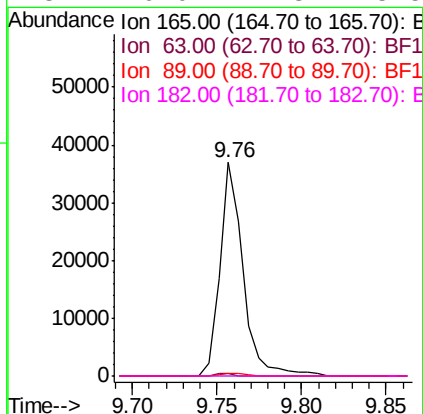
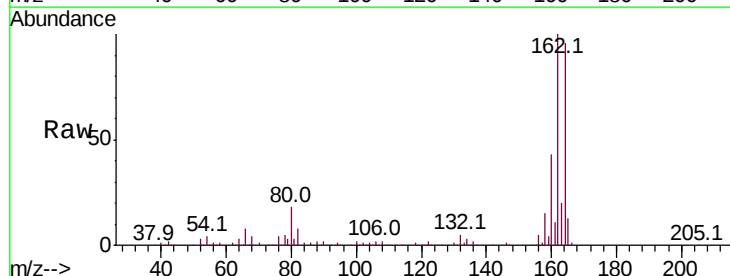
Instrument :
 BNA_F
 ClientSampleId :

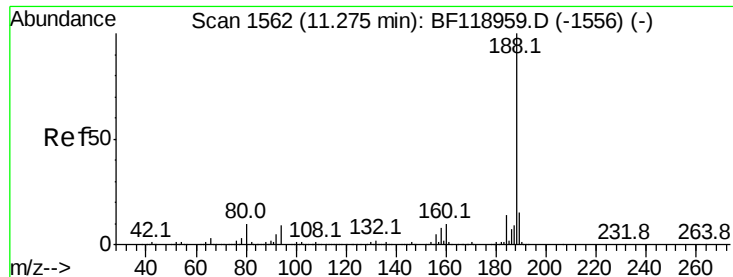
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.4	38.3	57.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.815 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119390.D
 Acq: 12 Mar 2020 20:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.3	63.5#
89	1.4	60.2	90.4#
182	0.0	2.3	3.5#

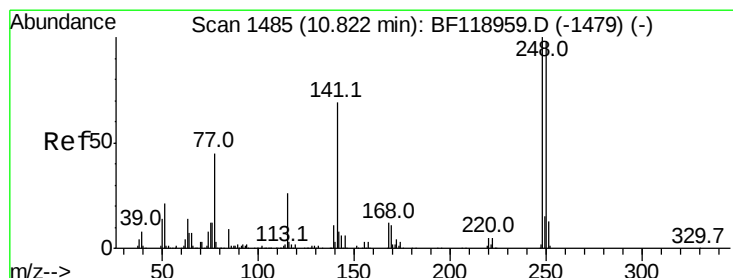
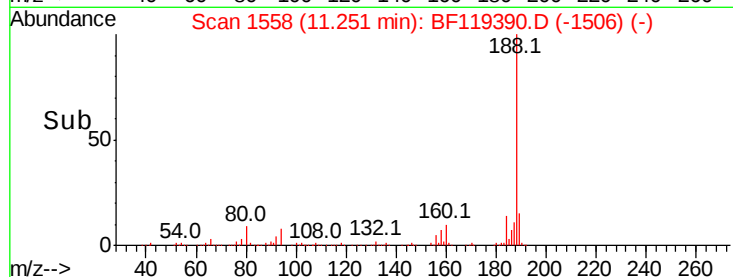
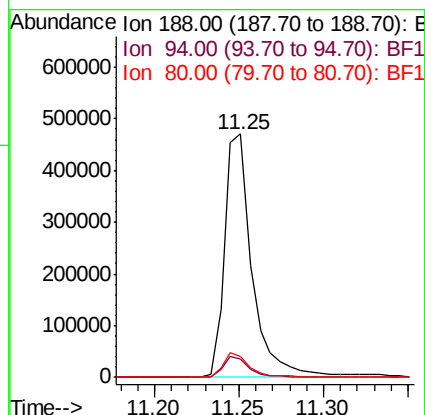
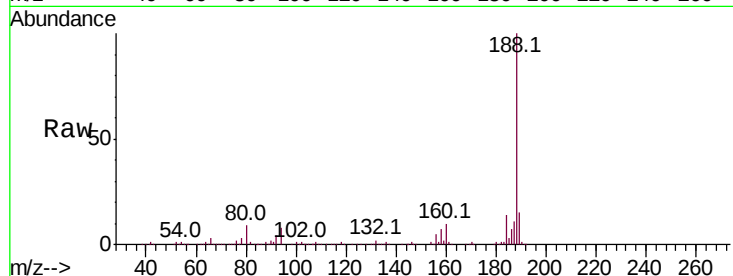




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119390.D
Acq: 12 Mar 2020 20:02

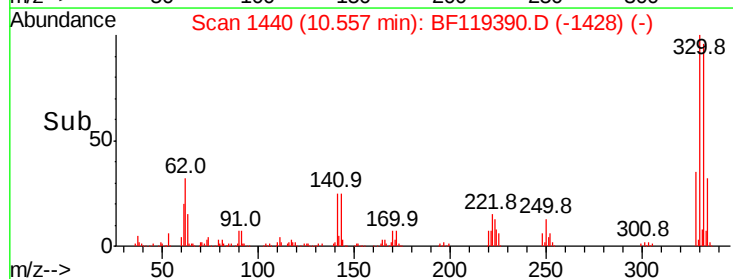
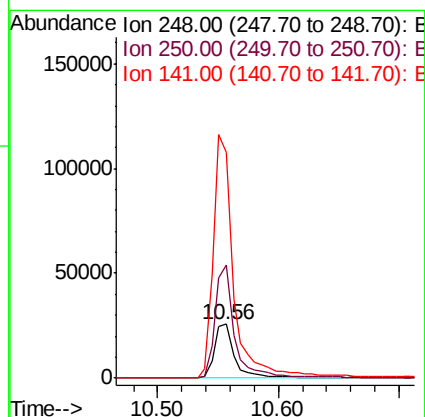
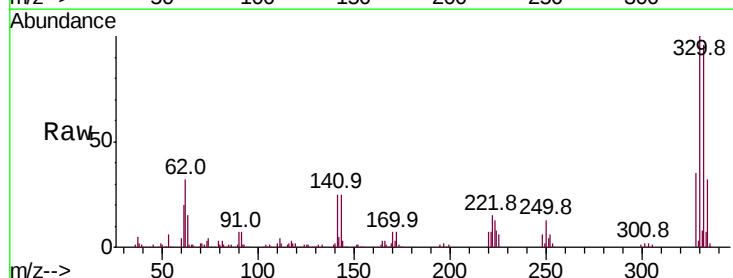
Instrument :
BNA_F
ClientSampleId :

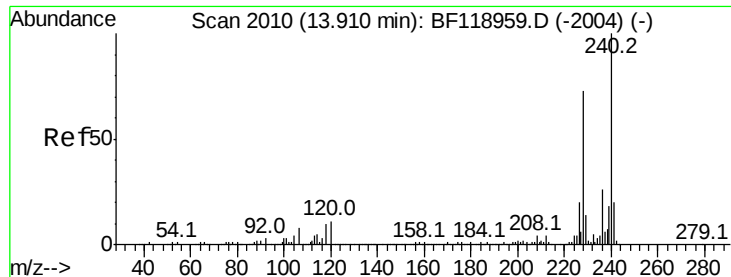
Tot Ion:188 Resp: 530738
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.6 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.314 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF119390.D
Acq: 12 Mar 2020 20:02

Tgt Ion:248 Resp: 29929
Ion Ratio Lower Upper
248 100
250 208.6 76.7 115.1#
141 417.1 60.7 91.1#

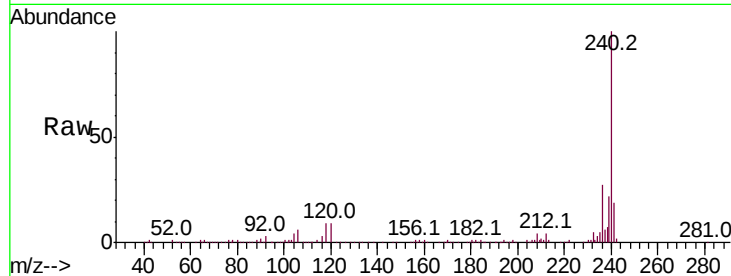




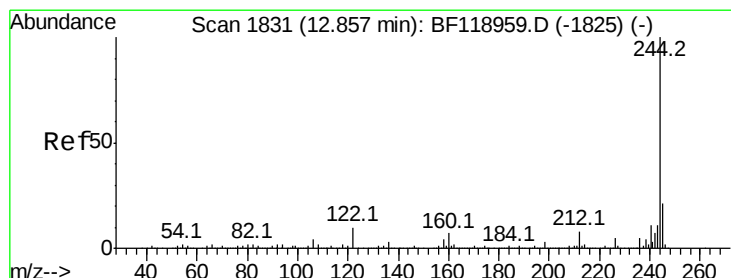
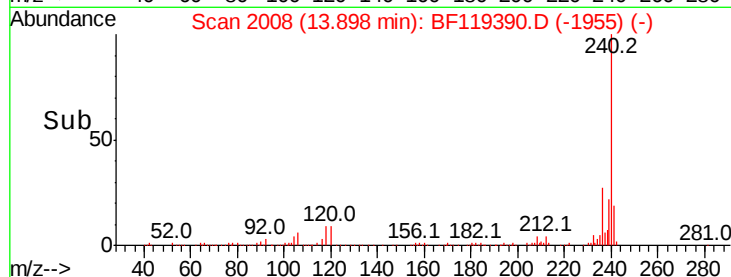
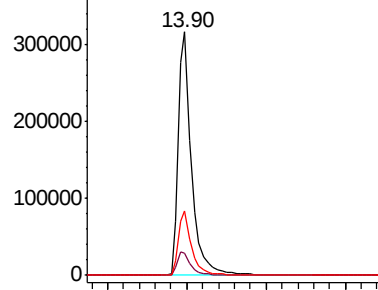
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF119390.D
 Acq: 12 Mar 2020 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 370822
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.4 12.6
 236 26.5 21.0 31.4

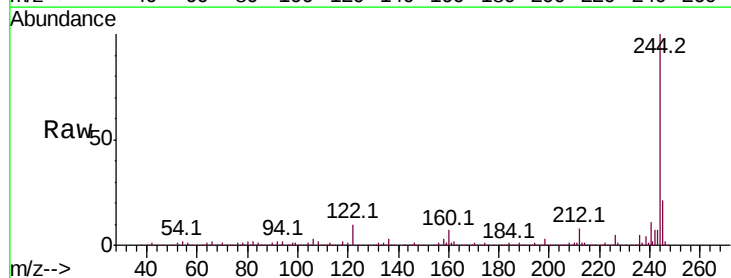


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

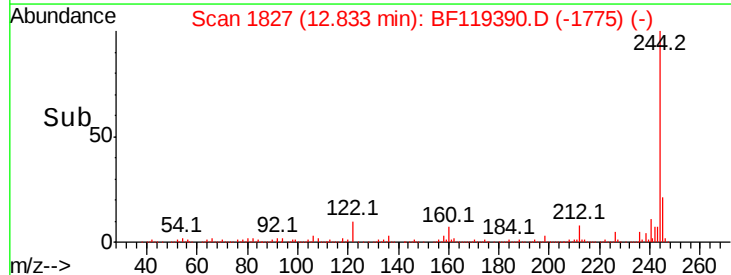
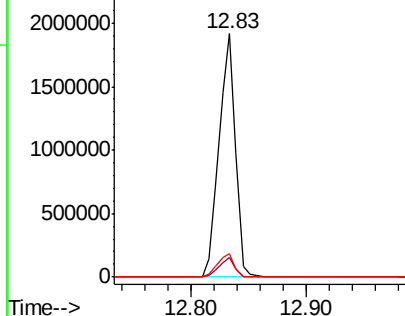


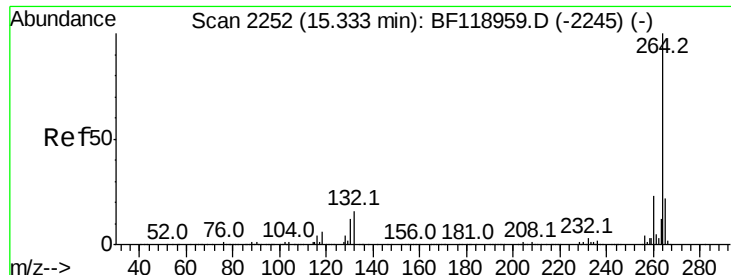
#79
 Terphenyl-d14
 Concen: 87.785 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119390.D
 Acq: 12 Mar 2020 20:02

Tgt Ion:244 Resp: 1890760
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 10.0
 122 9.8 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: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119390.D
Acq: 12 Mar 2020 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 384449

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.1	17.7	26.5

