

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119378.D
 Acq On : 12 Mar 2020 13:21
 Operator : CG/JU
 Sample : L1755-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:43:56 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

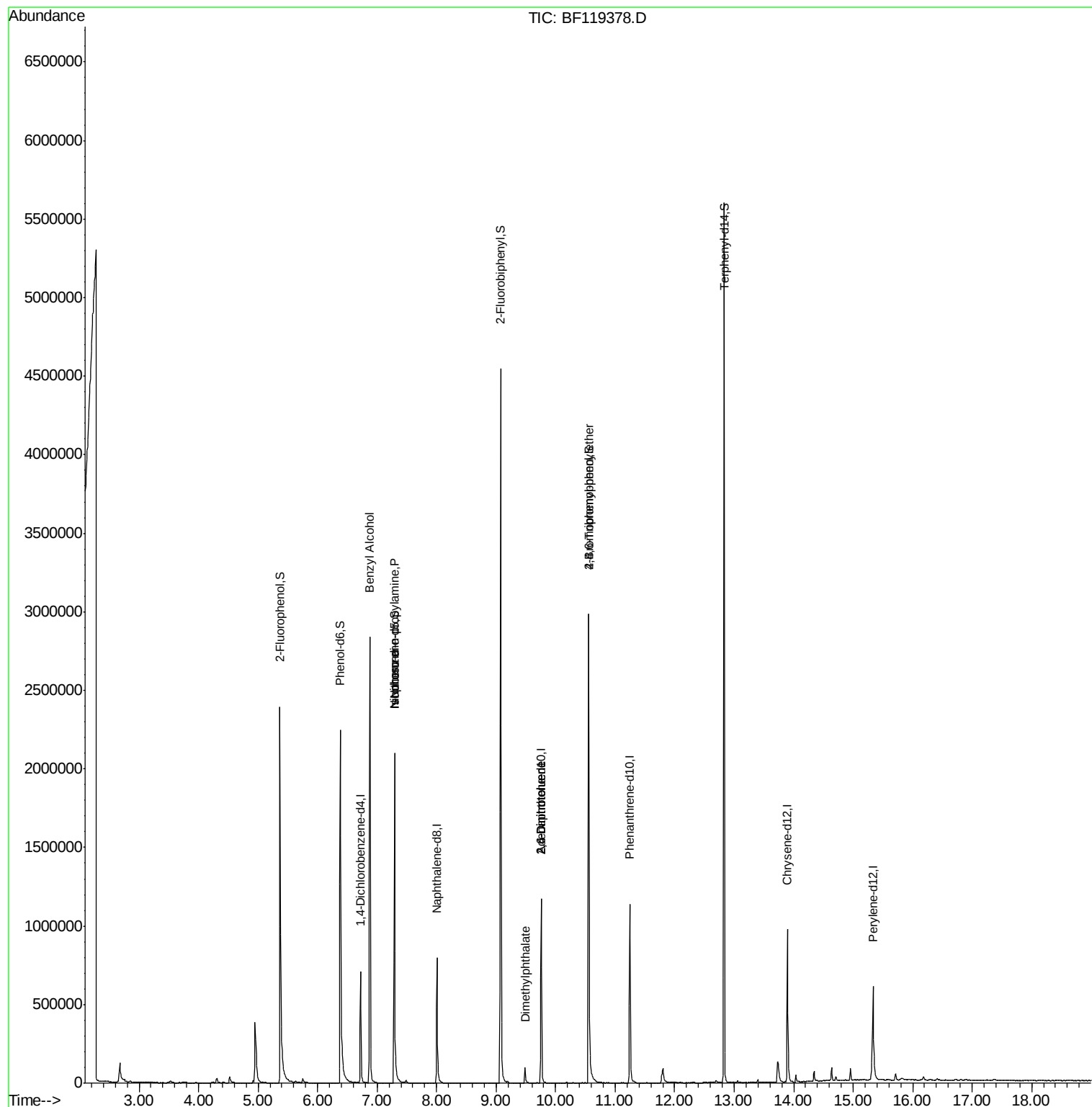
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	118489	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	459763	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	258383	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	498641	20.00	ng	0.00
76) Chrysene-d12	13.89	240	395974	20.00	ng	0.00
87) Perylene-d12	15.33	264	373958	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	924381	130.38	ng	0.02
7) Phenol-d6	6.38	99	1028758	119.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	827078	94.98	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	487103	144.11	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1617137	92.20	ng	0.00
79) Terphenyl-d14	12.83	244	2159791	93.91	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	13883	2.228	ng	# 52
19) n-Nitroso-di-n-propylamine	7.29	70	116792	23.244	ng	# 74
25) Isophorone	7.29	82	827078	54.692	ng	# 63
50) Dimethylphthalate	9.49	163	59300	3.001	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	33399	7.609	ng	# 32
57) 2,4-Dinitrotoluene	9.76	165	33399	5.870	ng	# 20
67) 4-Bromophenyl-phenylether	10.56	248	31726	4.868	ng	# 1

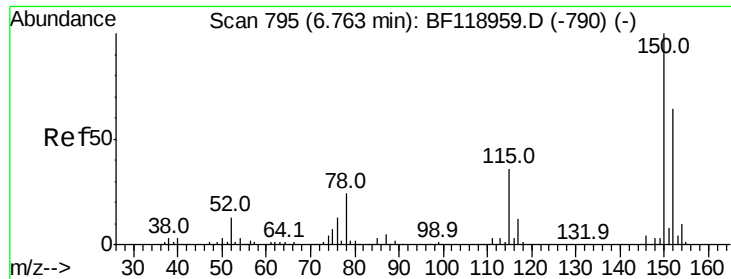
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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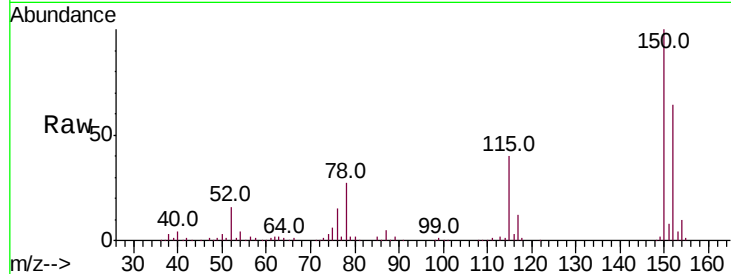


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119378.D
Acq: 12 Mar 2020 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.0	184.6
115	62.1	49.5	74.3

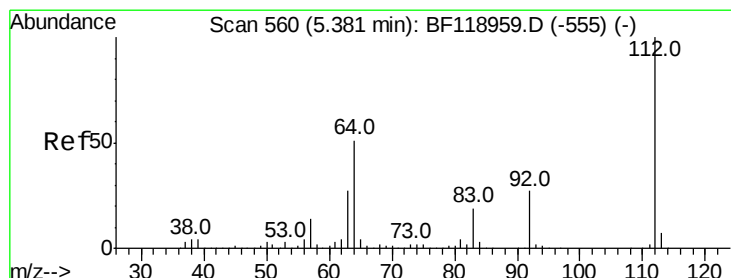
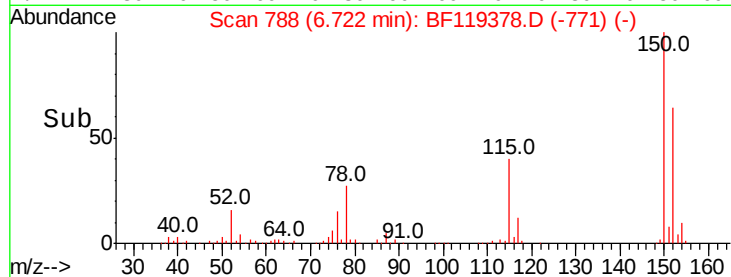
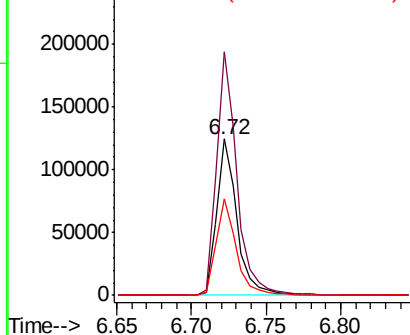


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

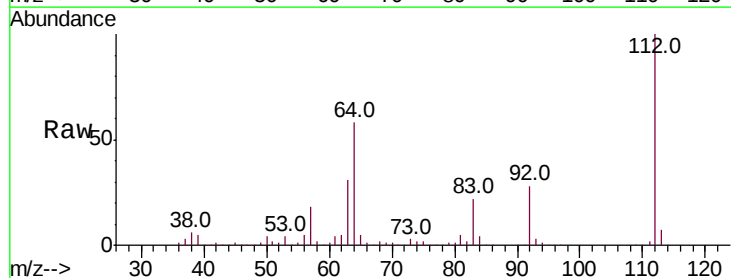
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.375 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119378.D
Acq: 12 Mar 2020 13:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.0	67.4
63	31.1	24.2	36.4

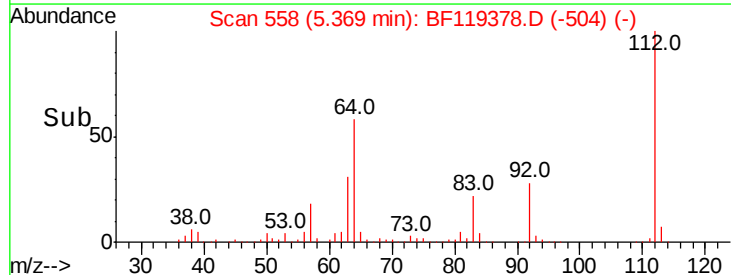
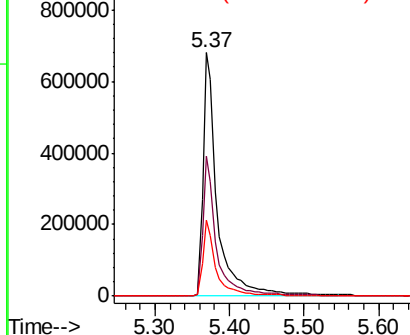


Abundance

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: 119.305 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119378.D

Acq: 12 Mar 2020 13:21

Instrument :

BNA_F

ClientSampled :

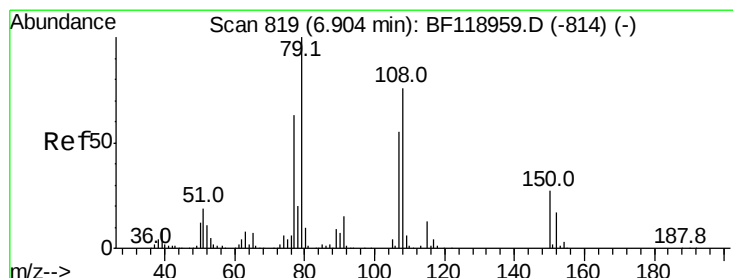
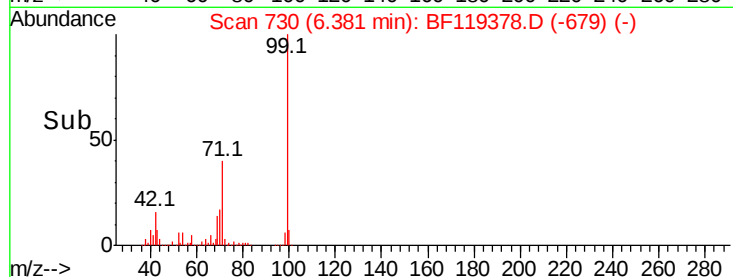
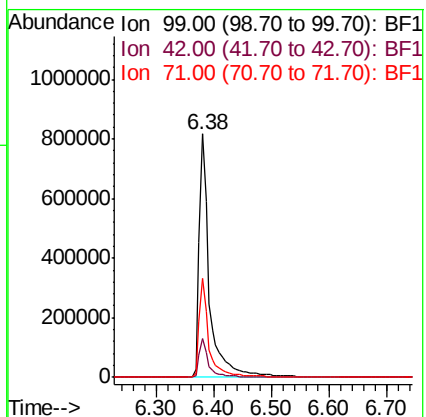
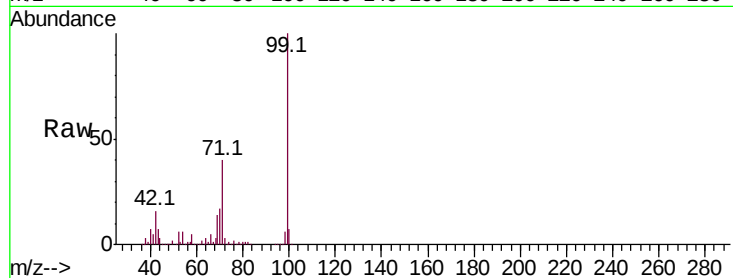
Tot Ion: 99 Resp: 1028758

Ion Ratio Lower Upper

99 100

42 15.8 12.6 18.8

71 40.5 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.228 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119378.D

Acq: 12 Mar 2020 13:21

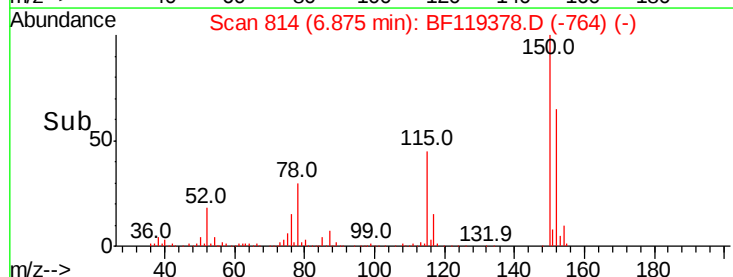
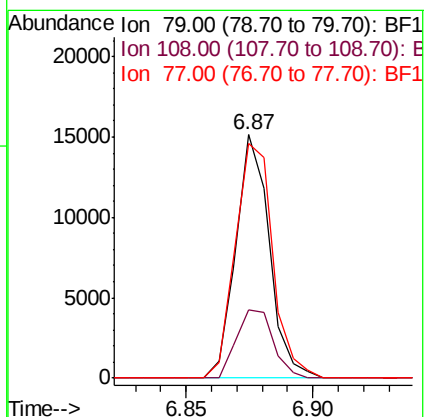
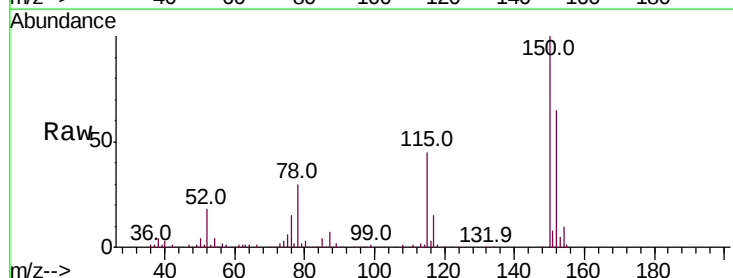
Tgt Ion: 79 Resp: 13883

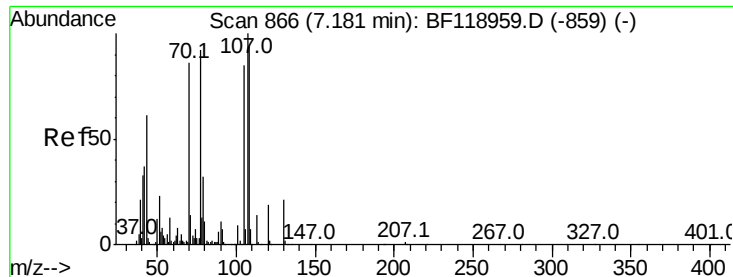
Ion Ratio Lower Upper

79 100

108 28.3 58.2 87.2#

77 96.4 51.2 76.8#

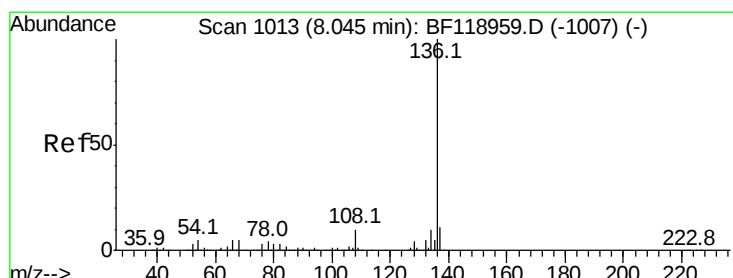
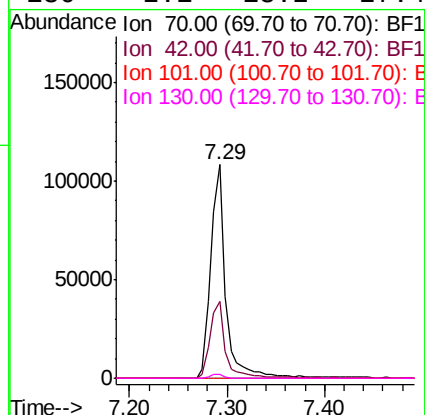
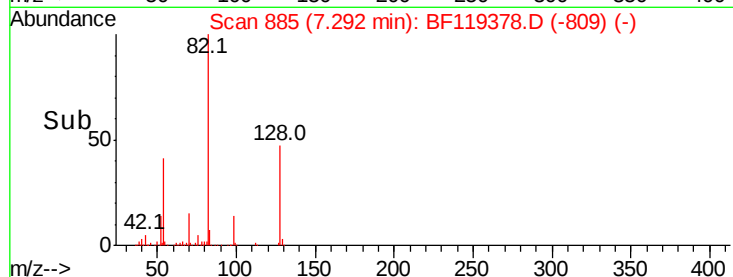
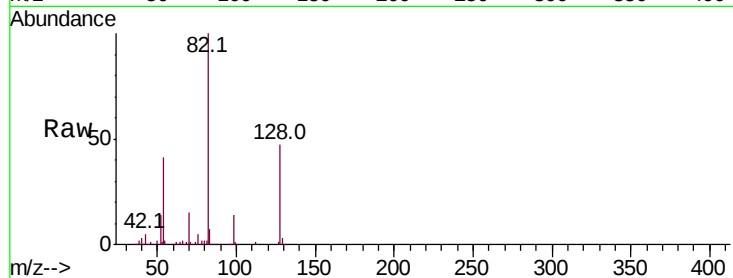




#19
n-Nitroso-di-n-propylamine
Concen: 23.244 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119378.D
Acq: 12 Mar 2020 13:21

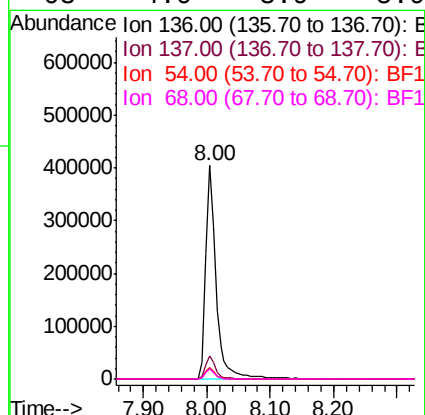
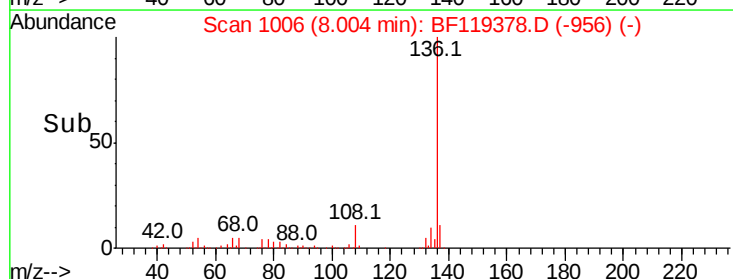
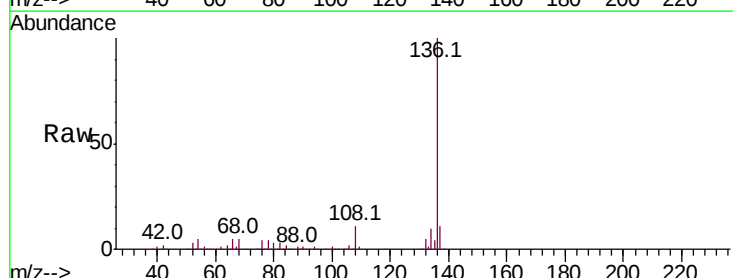
Instrument :
BNA_F
ClientSampleId :

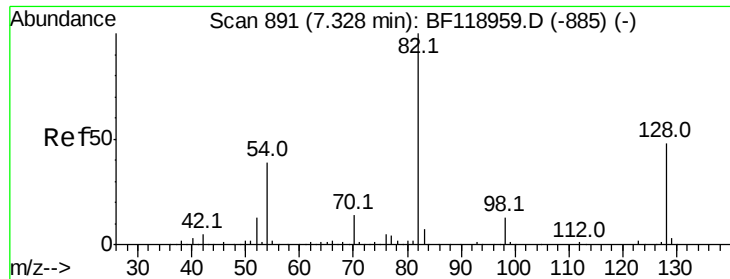
Tot Ion: 70 Resp: 116792
Ion Ratio Lower Upper
70 100
42 36.2 38.0 57.0#
101 0.0 8.2 12.4#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119378.D
Acq: 12 Mar 2020 13:21

Tgt Ion: 136 Resp: 459763
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 5.2 3.8 5.6
68 4.9 3.9 5.9

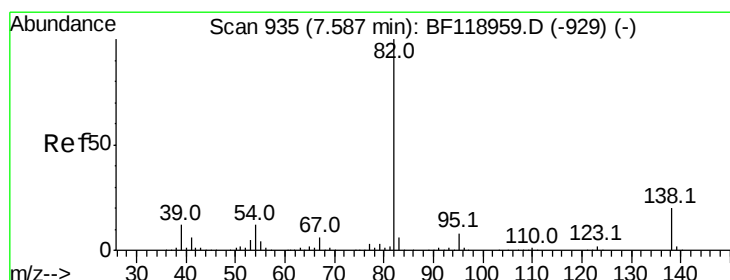
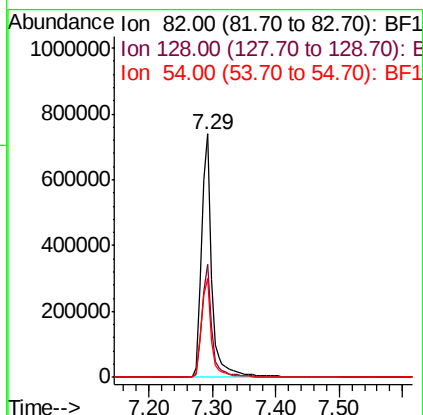
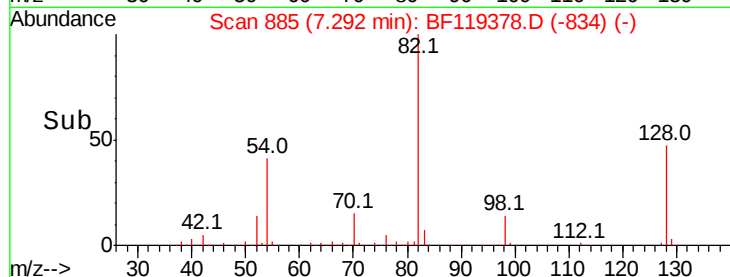
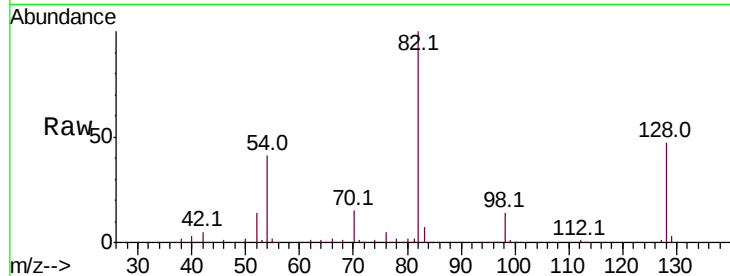




#23
Nitrobenzene-d5
Concen: 94.983 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF119378.D
Acq: 12 Mar 2020 13:21

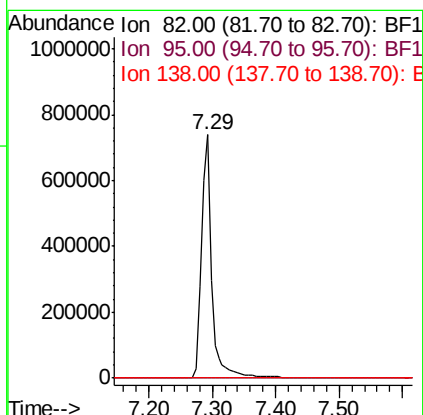
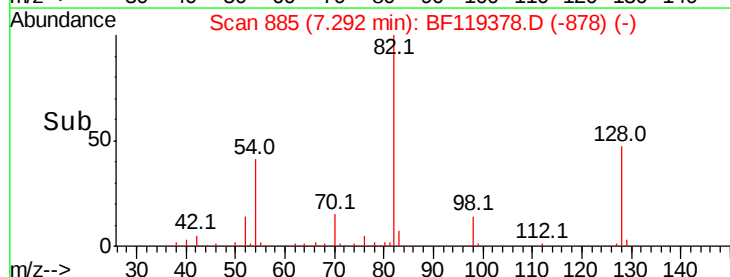
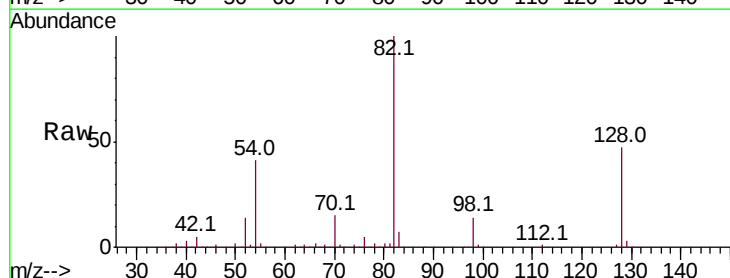
Instrument :
BNA_F
ClientSampleId :

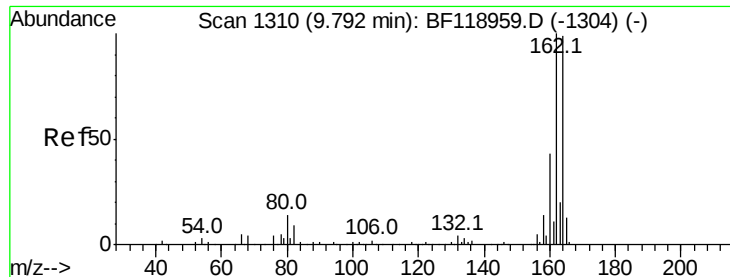
Tot Ion: 82 Resp: 827078
Ion Ratio Lower Upper
82 100
128 46.7 37.9 56.9
54 40.8 33.4 50.2



#25
Isophorone
Concen: 54.692 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119378.D
Acq: 12 Mar 2020 13:21

Tgt Ion: 82 Resp: 827078
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#

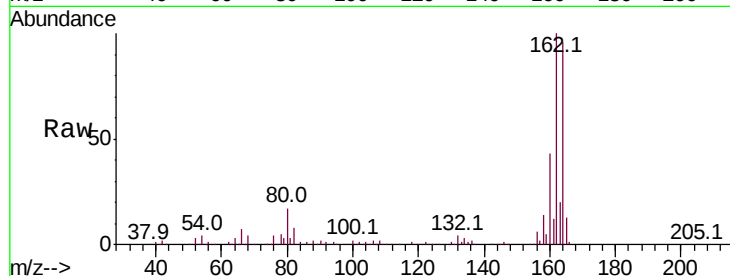




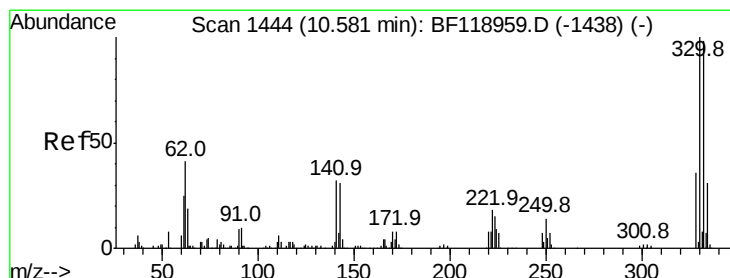
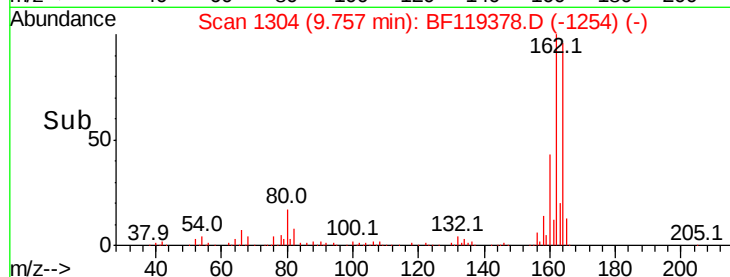
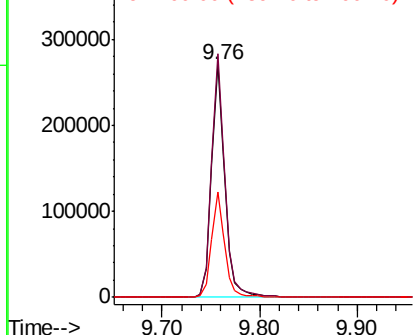
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119378.D
 Acq: 12 Mar 2020 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 258383
 Ion Ratio Lower Upper
 164 100
 162 104.4 81.8 122.8
 160 45.4 36.0 54.0

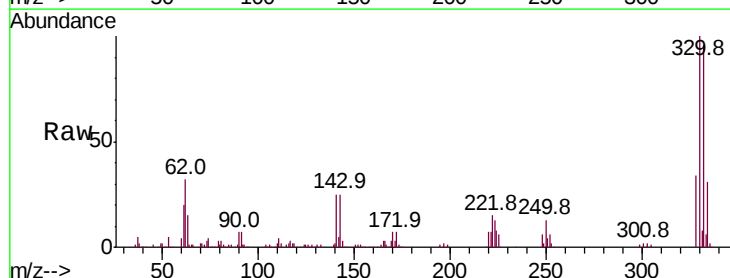


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

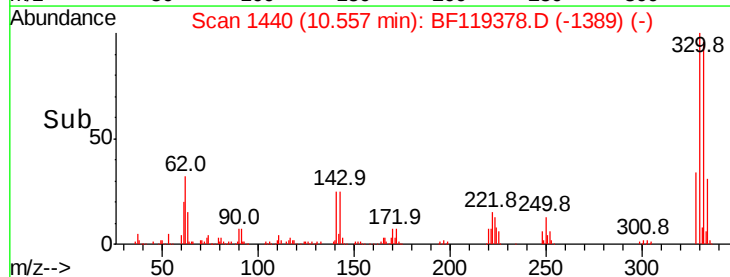
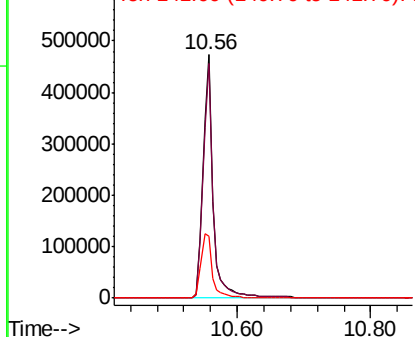


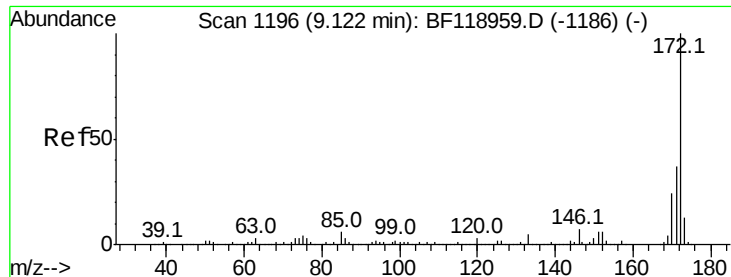
#42
 2,4,6-Tribromophenol
 Concen: 144.110 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF119378.D
 Acq: 12 Mar 2020 13:21

Tgt Ion:330 Resp: 487103
 Ion Ratio Lower Upper
 330 100
 332 96.9 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



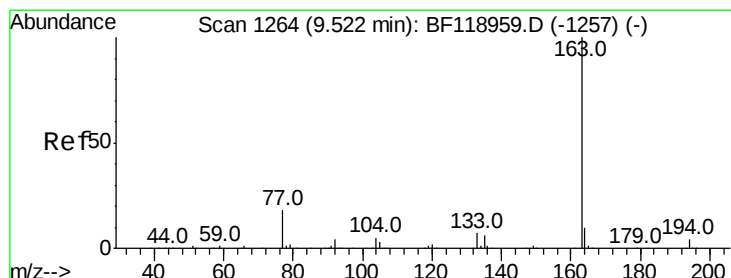
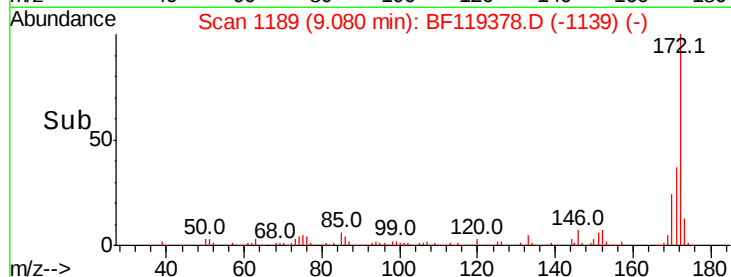
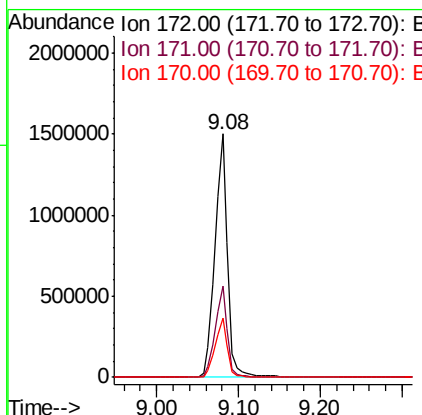
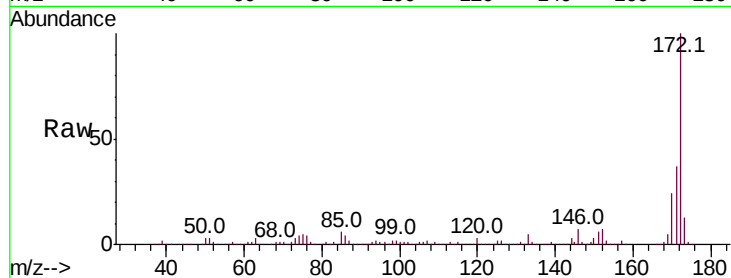


#45
 2-Fluorobiphenyl
 Concen: 92.201 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119378.D
 Acq: 12 Mar 2020 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1617137

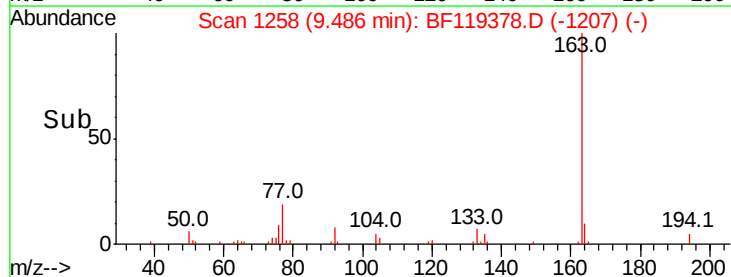
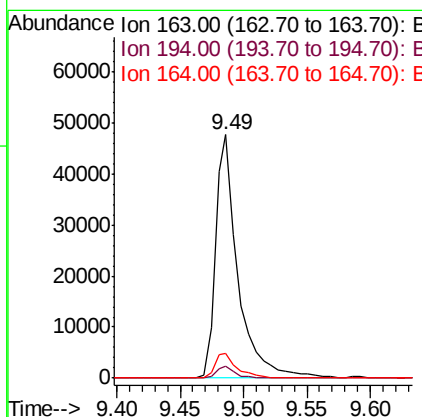
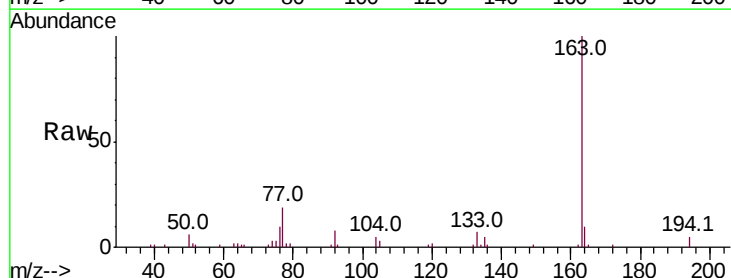
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	45.8
170	24.5	20.2	30.2

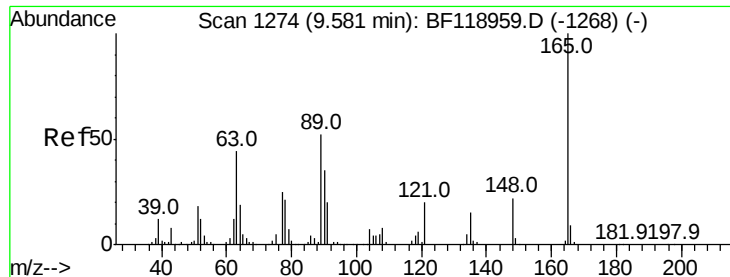


#50
 Dimethylphthalate
 Concen: 3.001 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BF119378.D
 Acq: 12 Mar 2020 13:21

Tgt Ion:163 Resp: 59300

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.4	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 7.609 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.20 min

Lab File: BF119378.D

Acq: 12 Mar 2020 13:21

Instrument :
BNA_F
ClientSampleId :

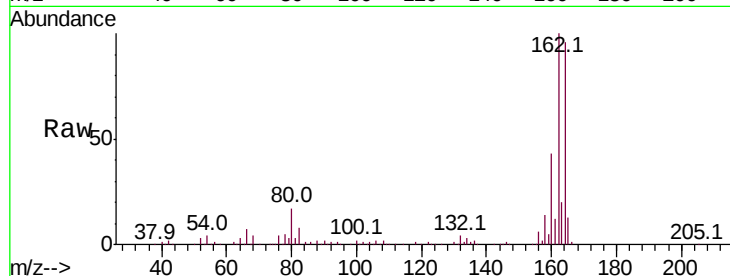
Tot Ion:165 Resp: 33399

Ion Ratio Lower Upper

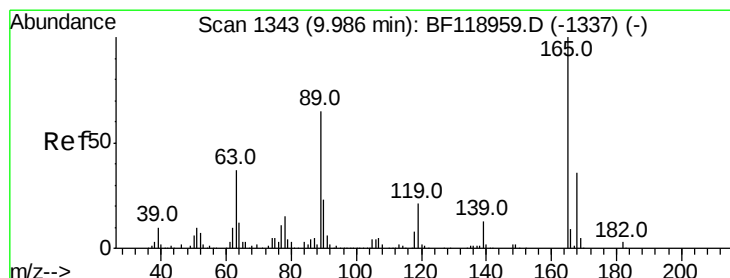
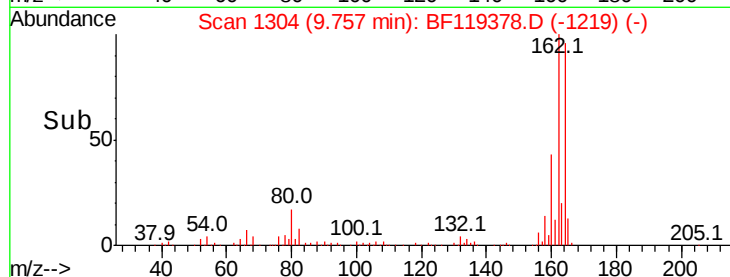
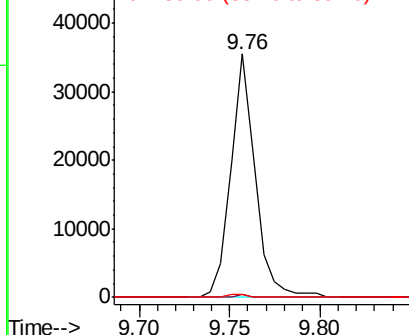
165 100

63 1.1 34.3 51.5#

89 1.1 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: 5.870 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF119378.D

Acq: 12 Mar 2020 13:21

Tgt Ion:165 Resp: 33399

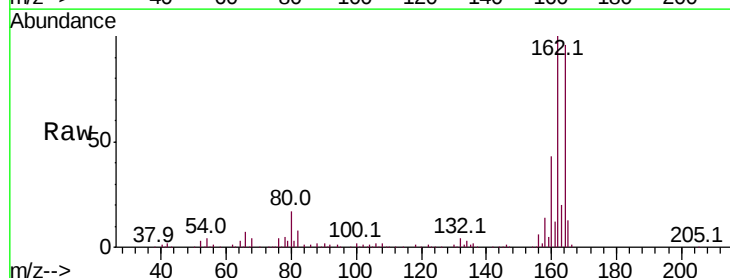
Ion Ratio Lower Upper

165 100

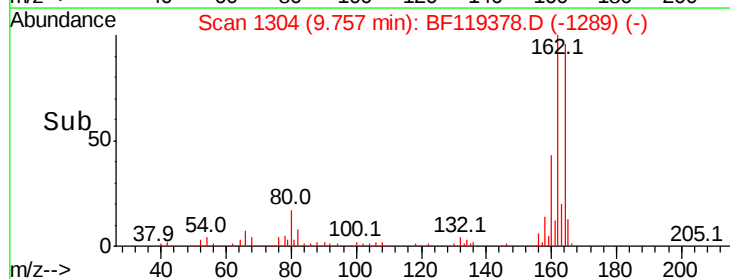
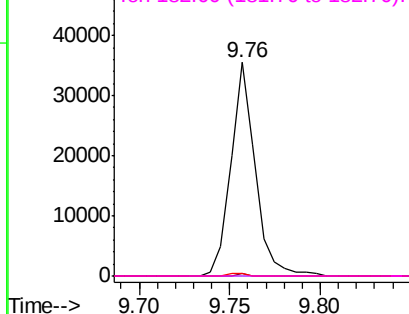
63 1.1 42.3 63.5#

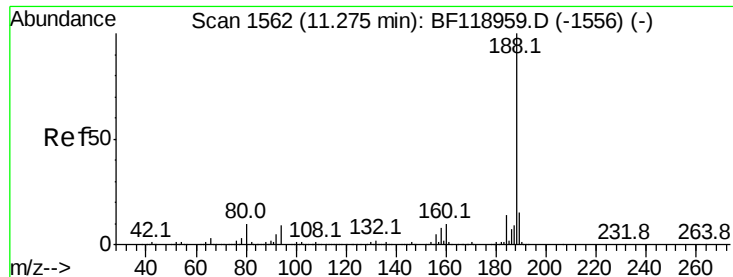
89 1.1 60.2 90.4#

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

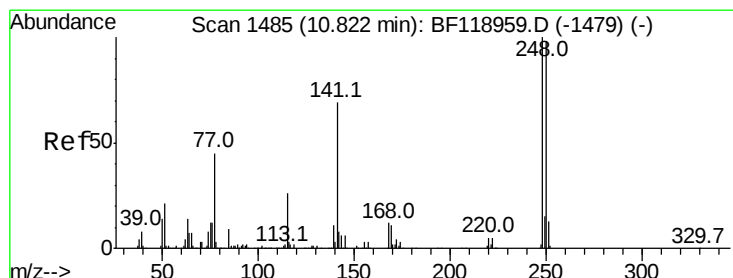
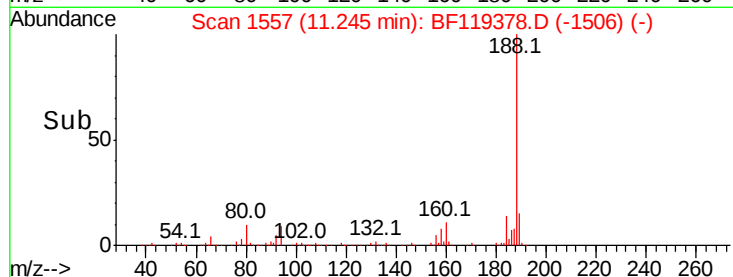
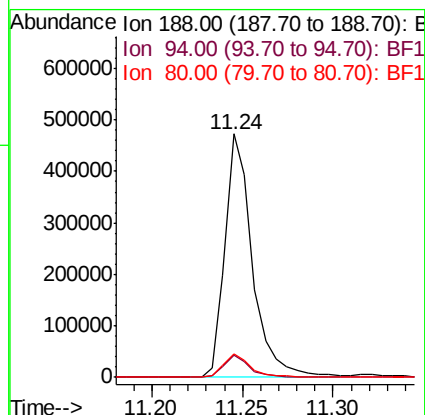
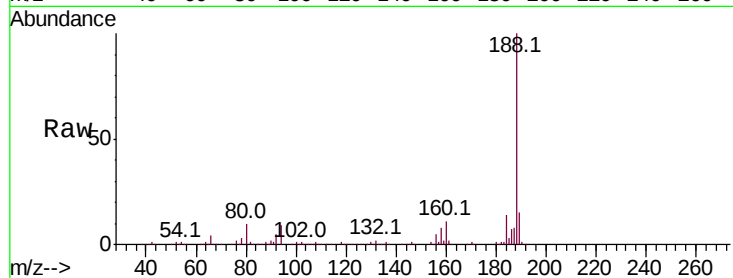




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF119378.D
 Acq: 12 Mar 2020 13:21

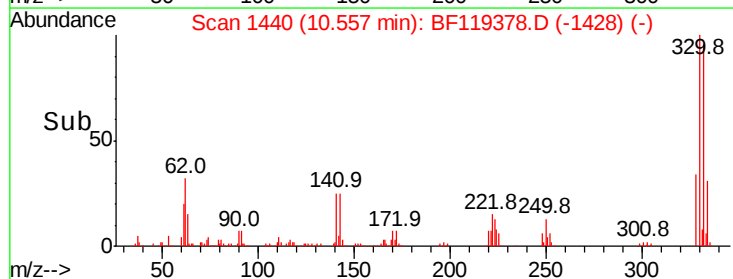
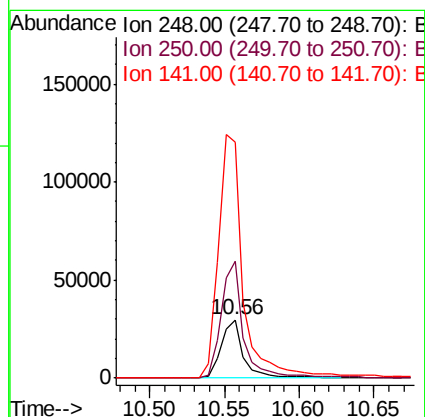
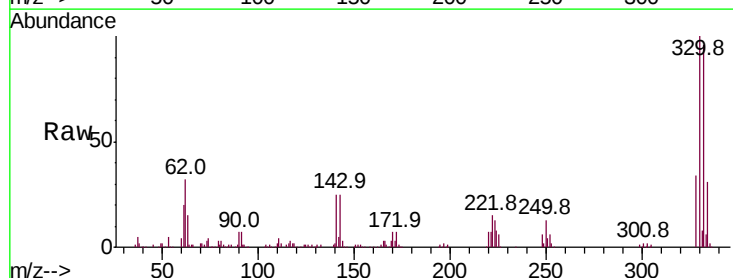
Instrument :
 BNA_F
 ClientSampleId :

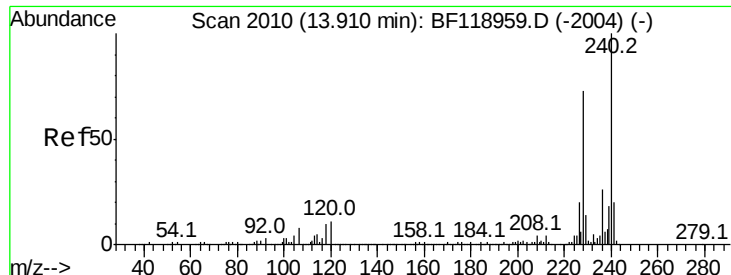
Tot Ion:188 Resp: 498641
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.1 10.7
 80 9.7 7.8 11.8



#67
 4-Bromophenyl-phenylether
 Concen: 4.868 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.23 min
 Lab File: BF119378.D
 Acq: 12 Mar 2020 13:21

Tgt Ion:248 Resp: 31726
 Ion Ratio Lower Upper
 248 100
 250 200.5 76.7 115.1#
 141 406.5 60.7 91.1#

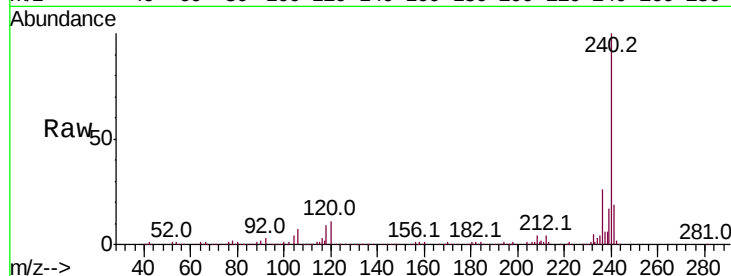




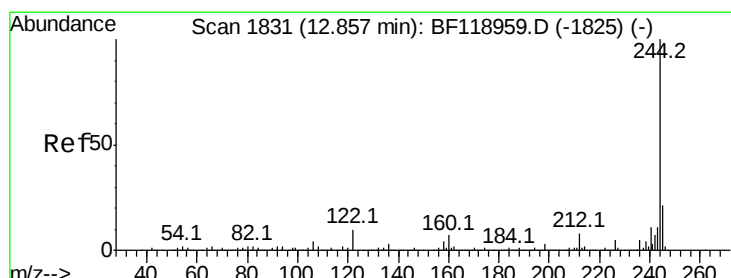
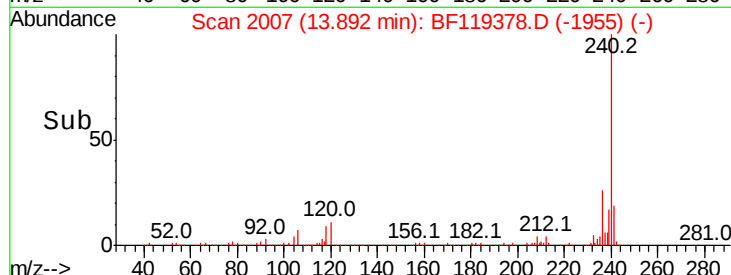
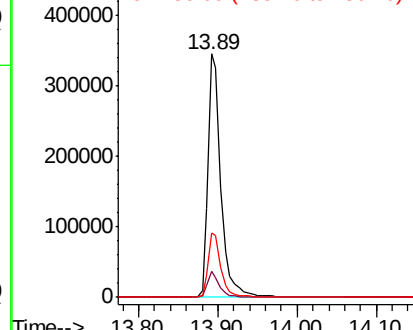
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF119378.D
 Acq: 12 Mar 2020 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 395974
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 26.3 21.0 31.4

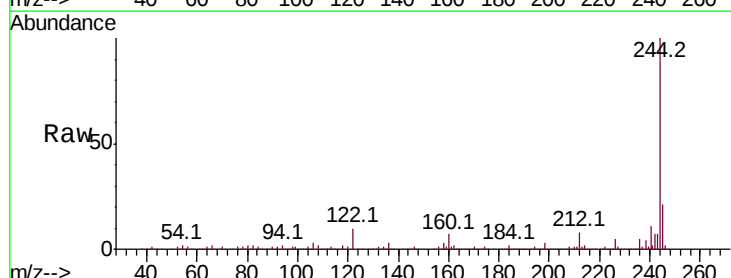


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

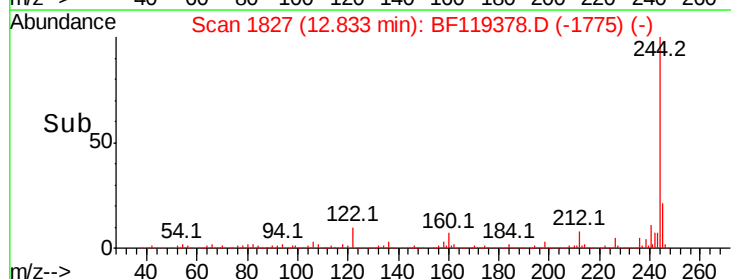
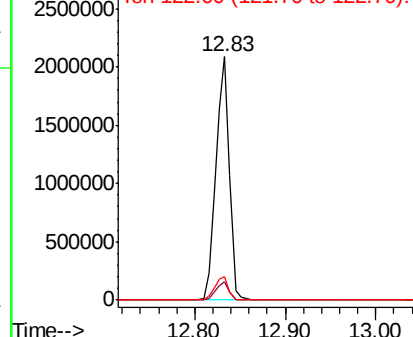


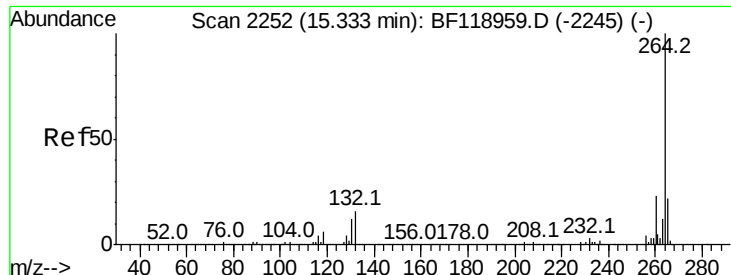
#79
 Terphenyl-d14
 Concen: 93.907 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119378.D
 Acq: 12 Mar 2020 13:21

Tgt Ion:244 Resp: 2159791
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 9.6 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

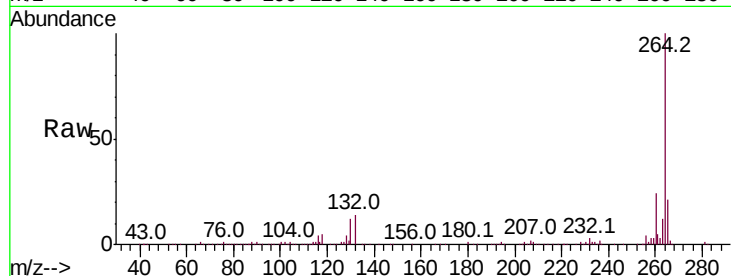




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.02 min
 Lab File: BF119378.D
 Acq: 12 Mar 2020 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.5	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

