

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119730.D
 Acq On : 3 Apr 2020 21:10
 Operator : MA/SJ
 Sample : L2101-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-BC

Quant Time: Apr 03 23:53:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

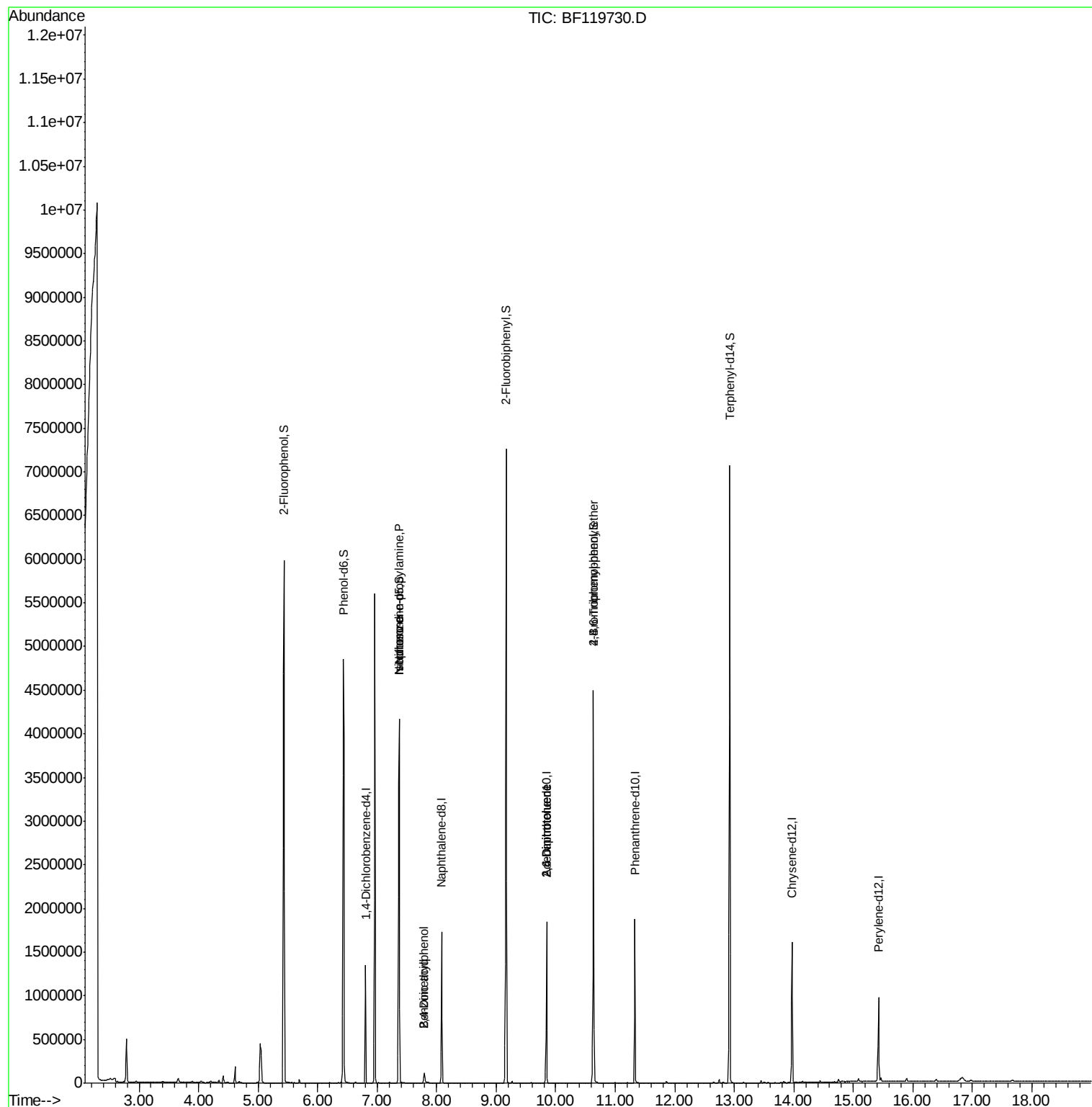
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	192610	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	723112	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	374306	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	728915	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	517454	20.00	ng	-0.03
87) Perylene-d12	15.42	264	434785	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1636005	135.21	ng	0.02
7) Phenol-d6	6.43	99	1945571	125.88	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1393141	104.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	648322	167.89	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2498915	98.90	ng	-0.01
79) Terphenyl-d14	12.93	244	2899383	109.78	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	183601	19.71	ng	# 73
25) Isophorone	7.37	82	1389940	51.50	ng	# 65
27) 2,4-Dimethylphenol	7.79	122	38926	3.36	ng	# 4
32) Benzoic acid	7.79	122	38926	5.23	ng	97
51) 2,6-Dinitrotoluene	9.85	165	47873	8.40	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	47873	6.67	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	39760	4.79	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
Data File : BF119730.D
Acq On : 3 Apr 2020 21:10
Operator : MA/SJ
Sample : L2101-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-BC

Quant Time: Apr 03 23:53:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF119730.D

Acq: 3 Apr 2020 21:10

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-BC

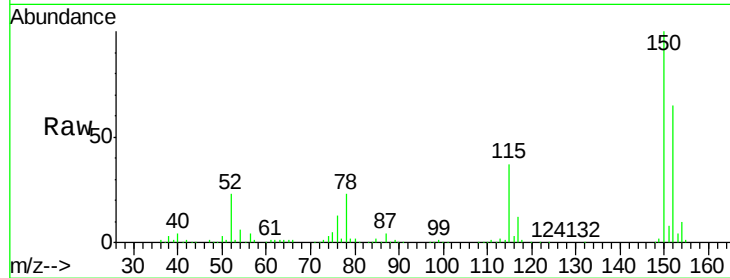
Tgt Ion:152 Resp: 192610

Ion Ratio Lower Upper

152 100

150 154.2 124.5 186.7

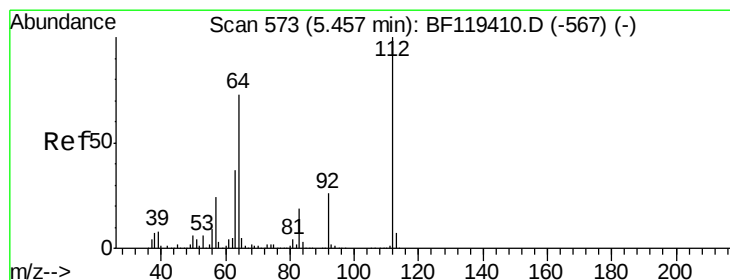
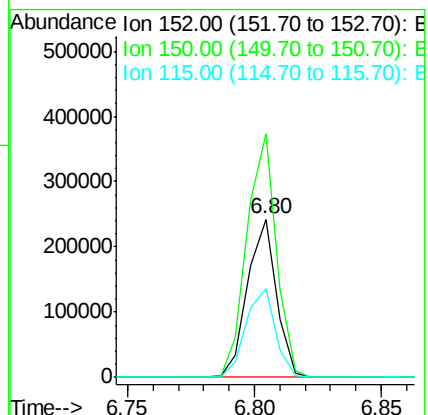
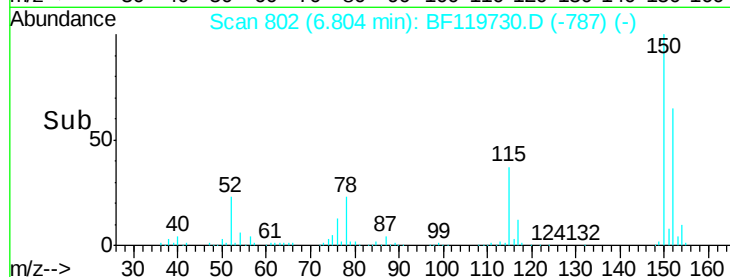
115 56.4 49.6 74.4



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: 135.21 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF119730.D

Acq: 3 Apr 2020 21:10

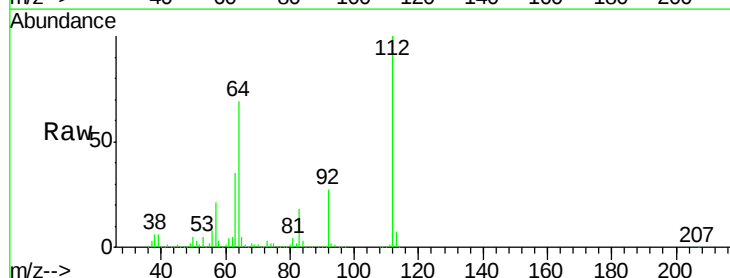
Tgt Ion:112 Resp: 1636005

Ion Ratio Lower Upper

112 100

64 68.7 56.7 85.1

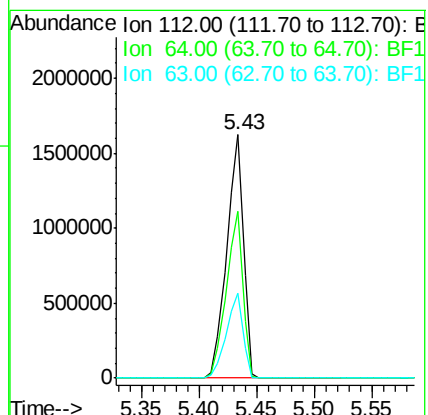
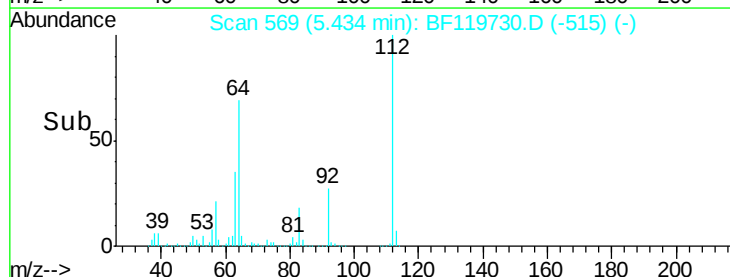
63 34.8 29.5 44.3

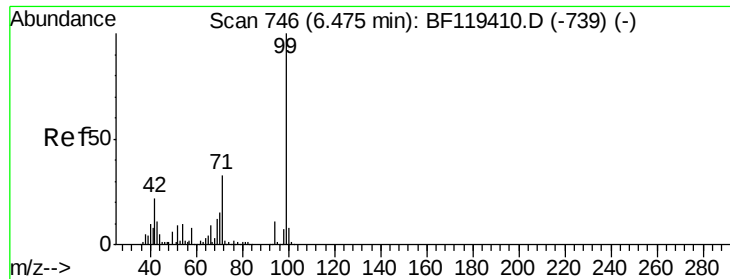


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 125.88 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119730.D

Acq: 3 Apr 2020 21:10

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-BC

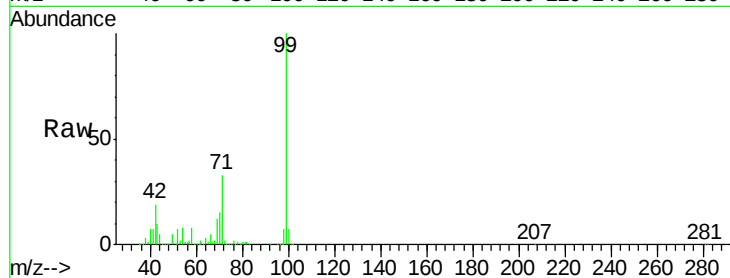
Tgt Ion: 99 Resp: 1945571

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

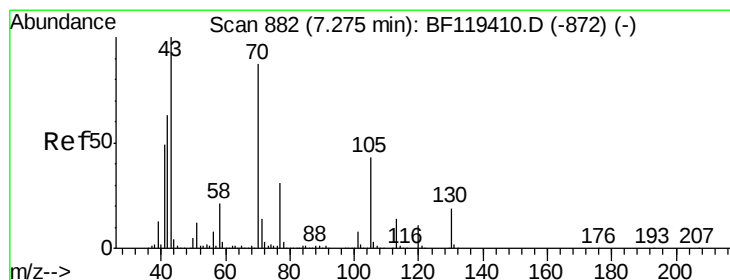
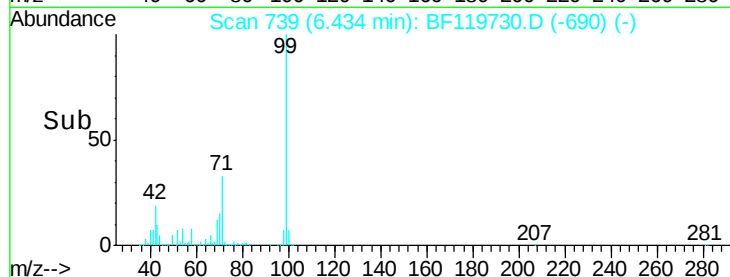
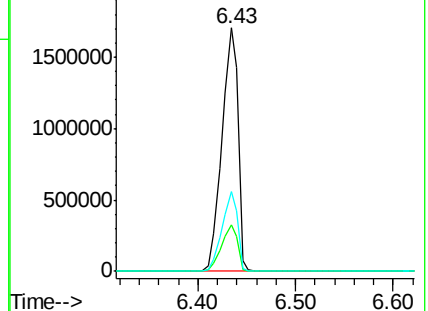
71 32.5 26.4 39.6



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: 19.71 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119730.D

Acq: 3 Apr 2020 21:10

Tgt Ion: 70 Resp: 183601

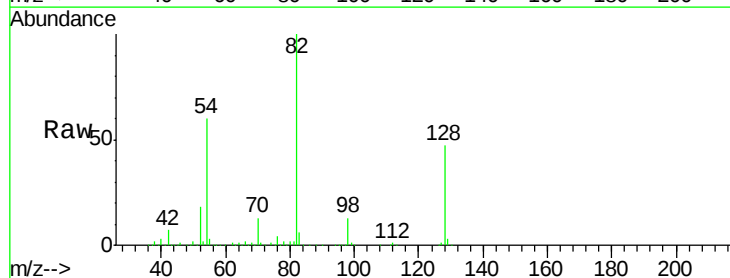
Ion Ratio Lower Upper

70 100

42 49.6 54.5 81.7#

101 0.0 7.6 11.4#

130 2.0 17.6 26.4#

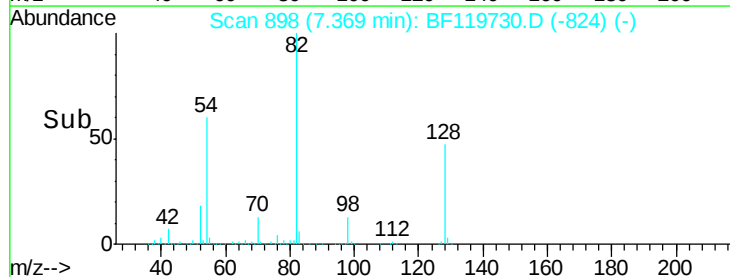
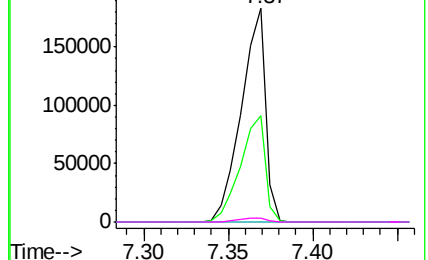


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

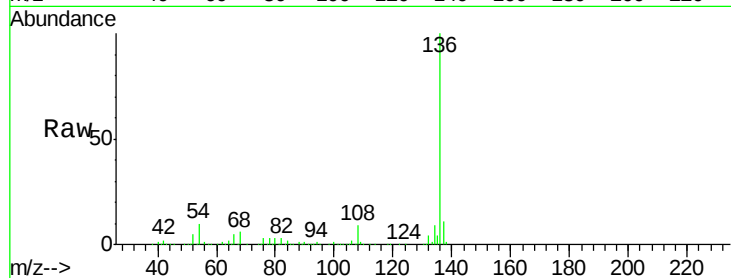




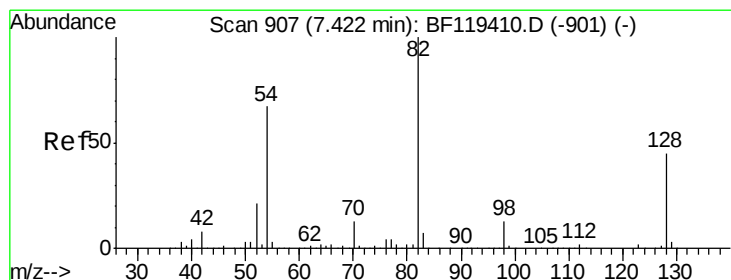
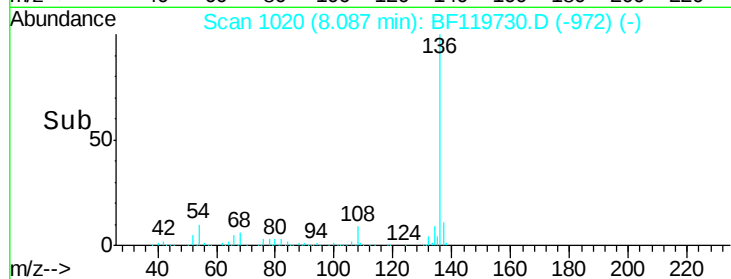
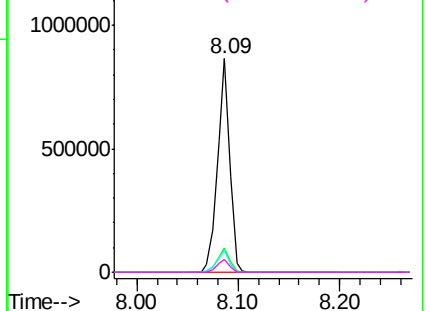
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119730.D
Acq: 3 Apr 2020 21:10

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-BC

Tgt Ion:	136	Resp:	723112
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.0	9.1	13.7
68	5.9	4.6	6.8

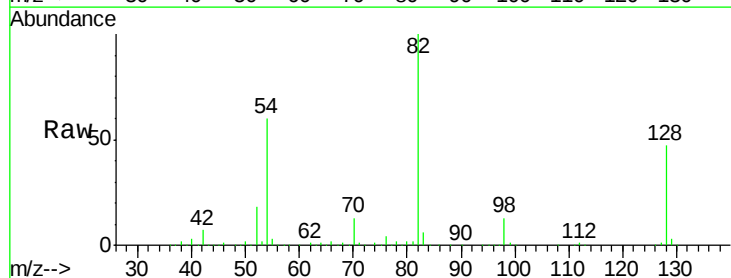


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

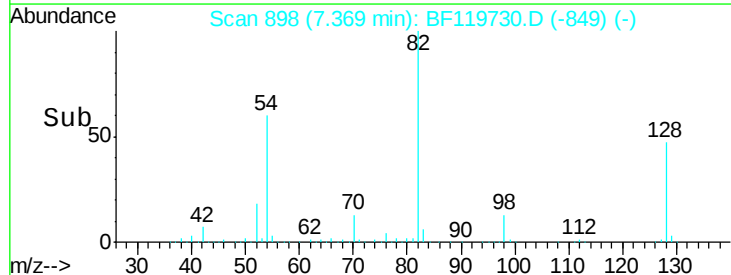
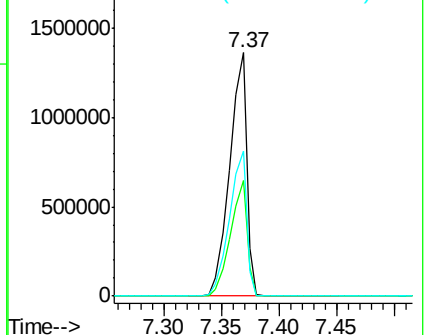


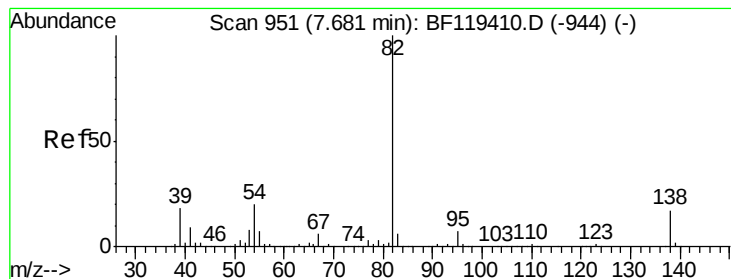
#23
Nitrobenzene-d5
Concen: 104.71 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119730.D
Acq: 3 Apr 2020 21:10

Tgt Ion:	82	Resp:	1393141
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.3	54.5
54	59.6	50.6	75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.50 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119730.D

Acq: 3 Apr 2020 21:10

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-BC

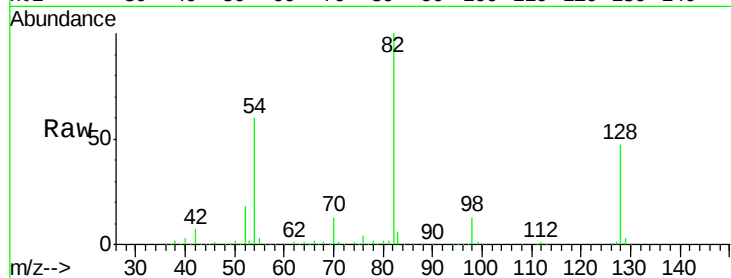
Tgt Ion: 82 Resp: 1389940

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

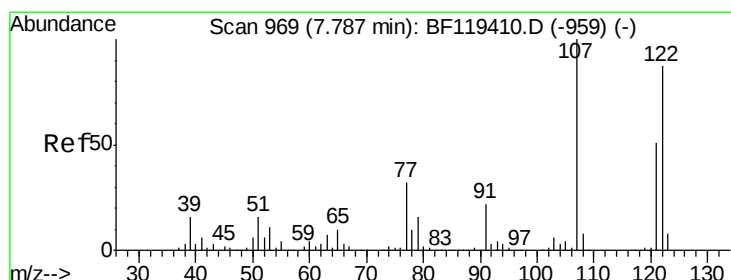
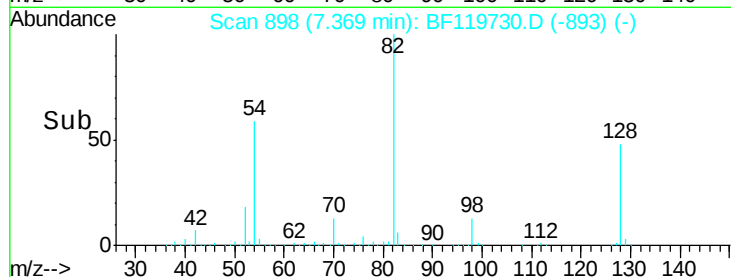
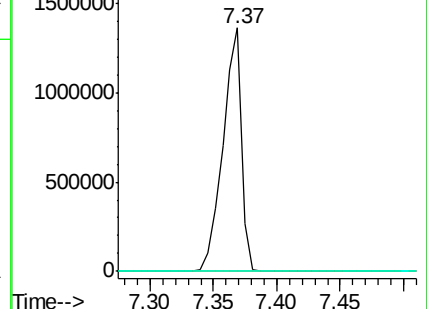
138 0.0 14.6 21.8#



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



#27

2,4-Dimethylphenol

Concen: 3.36 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.04 min

Lab File: BF119730.D

Acq: 3 Apr 2020 21:10

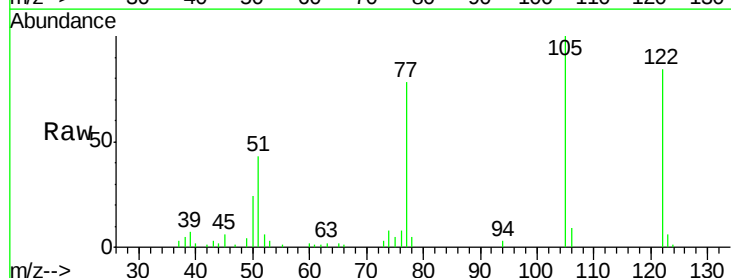
Tgt Ion: 122 Resp: 38926

Ion Ratio Lower Upper

122 100

107 0.0 89.0 133.6#

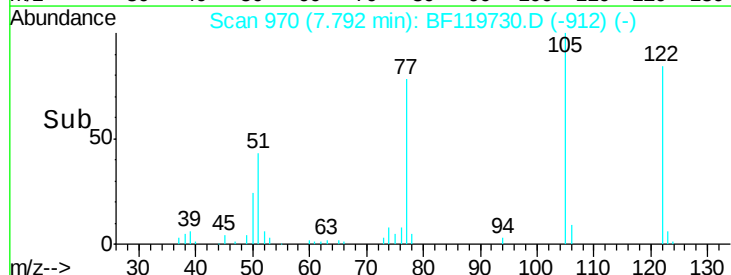
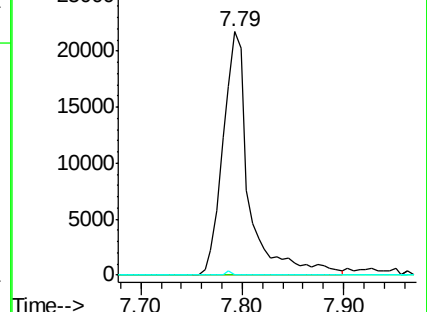
121 0.0 46.7 70.1#

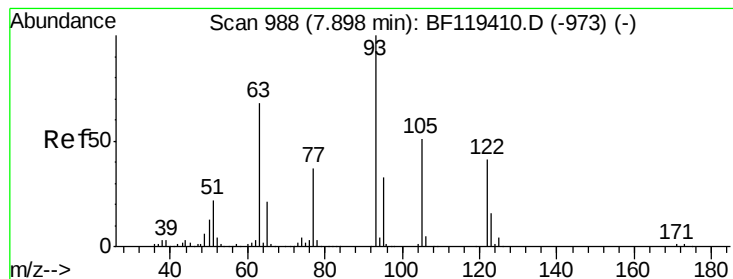


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 107.00 (106.70 to 107.70): BF1

Ion 121.00 (120.70 to 121.70): BF1





#32

Benzoic acid

Concen: 5.23 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.09 min

Lab File: BF119730.D

Acq: 3 Apr 2020 21:10

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-BC

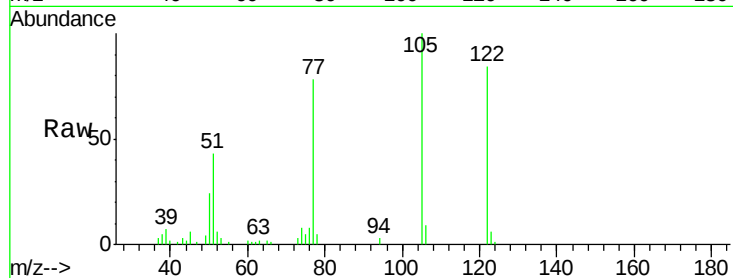
Tgt Ion:122 Resp: 38926

Ion Ratio Lower Upper

122 100

105 119.7 104.9 144.9

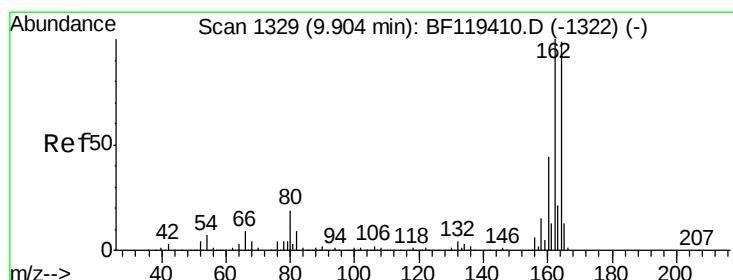
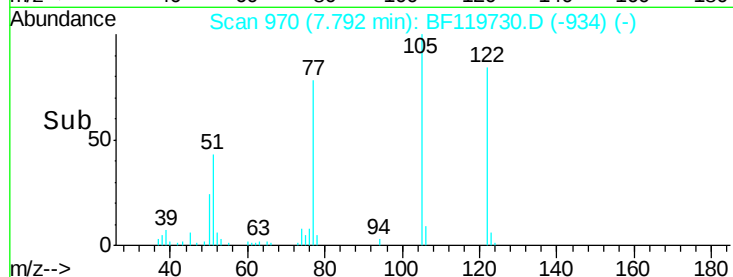
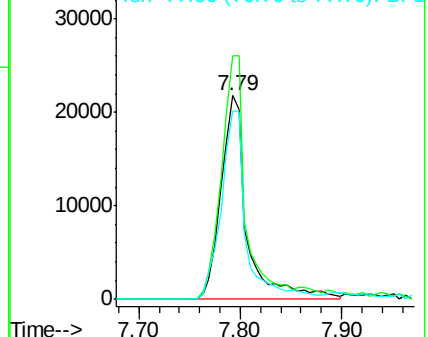
77 93.0 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119730.D

Acq: 3 Apr 2020 21:10

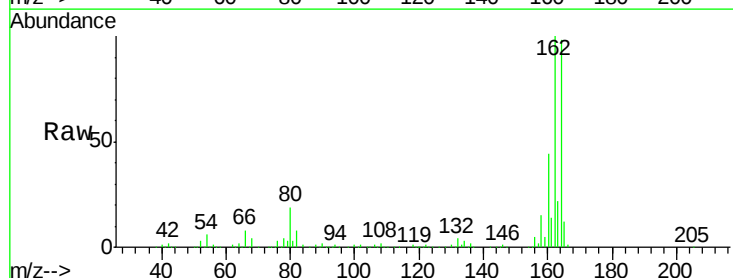
Tgt Ion:164 Resp: 374306

Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

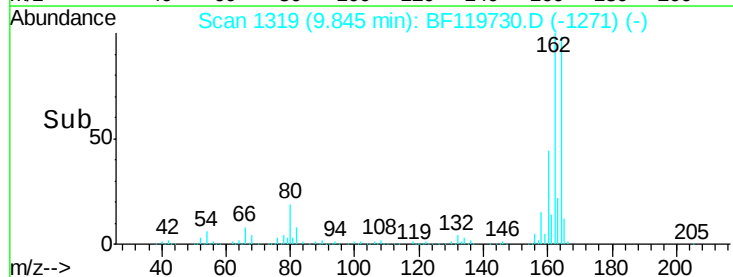
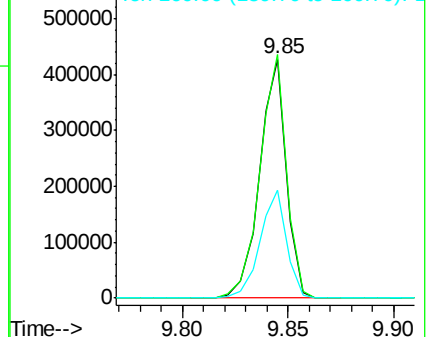
160 45.1 35.7 53.5

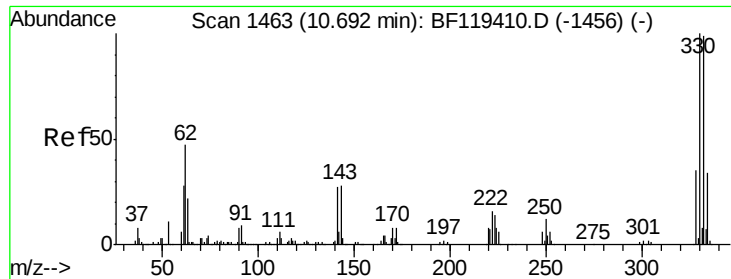


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

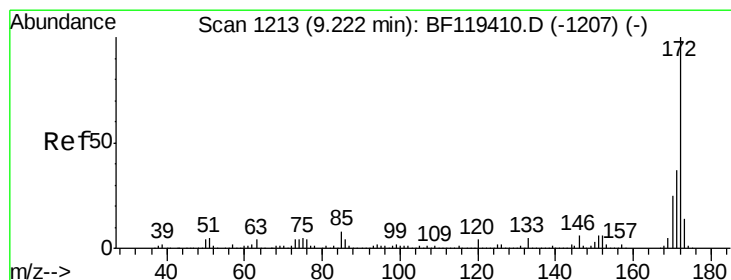
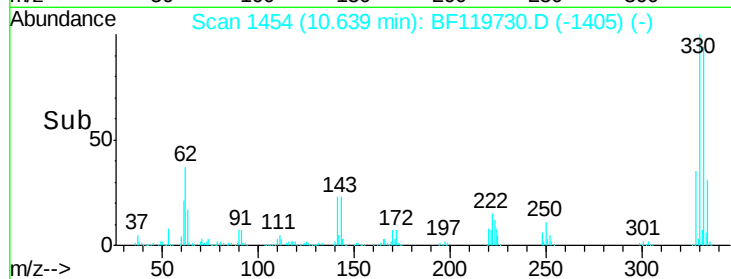
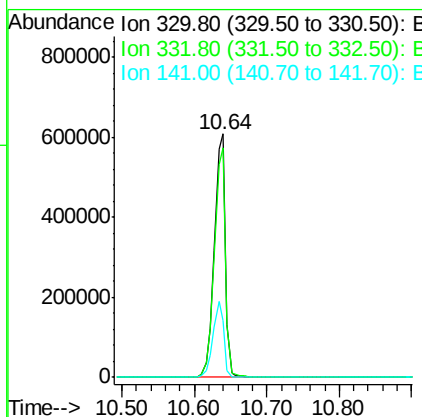
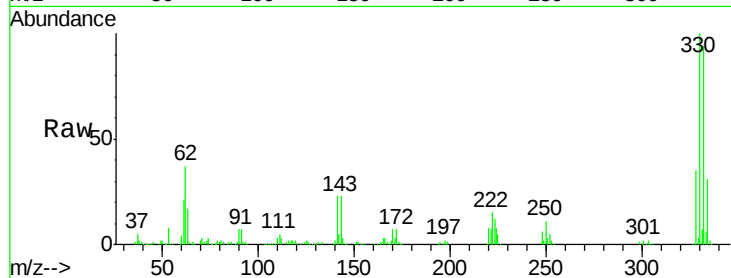




#42
 2,4,6-Tribromophenol
 Concen: 167.89 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

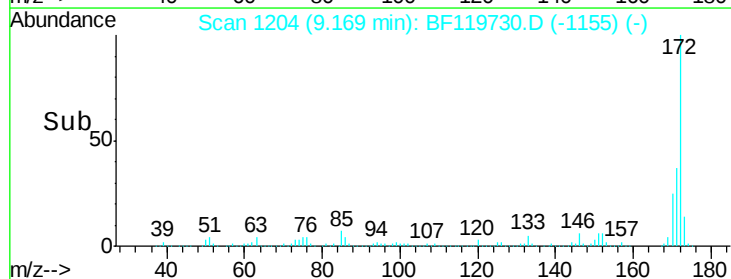
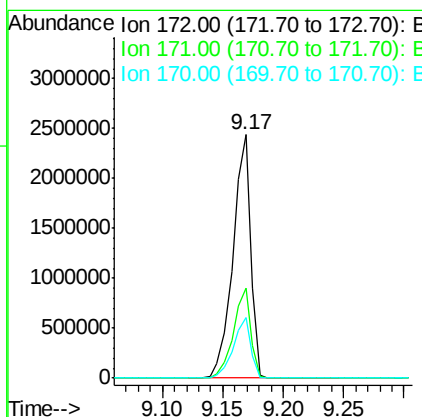
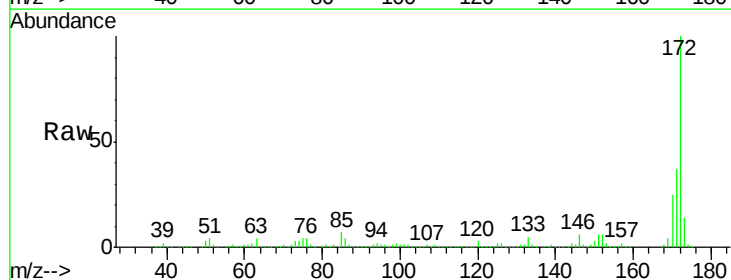
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-BC

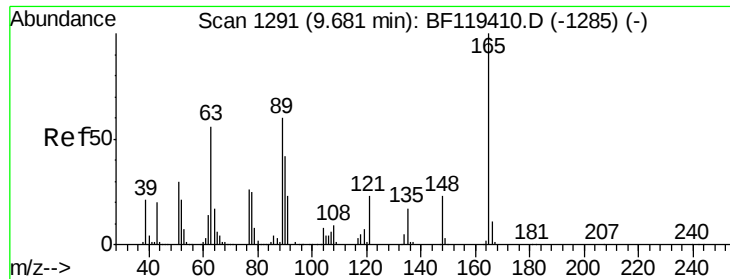
Tgt Ion:330 Resp: 648322
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.7 113.5
 141 30.3 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 98.90 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

Tgt Ion:172 Resp: 2498915
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.7 20.2 30.2

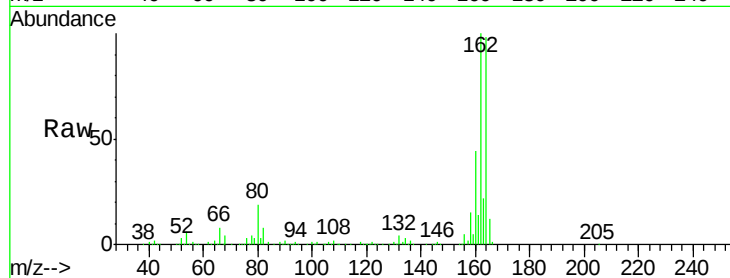




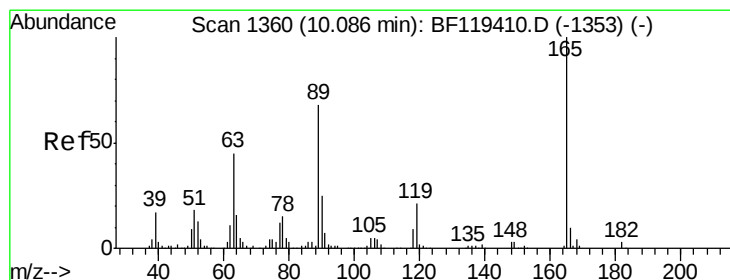
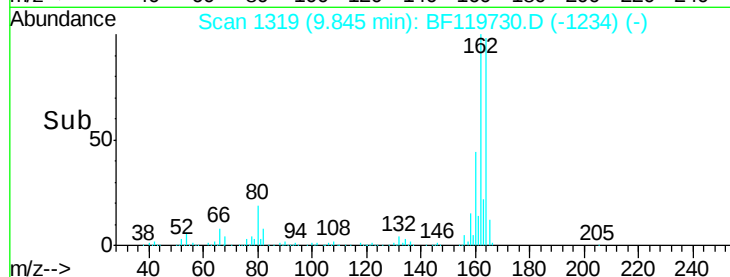
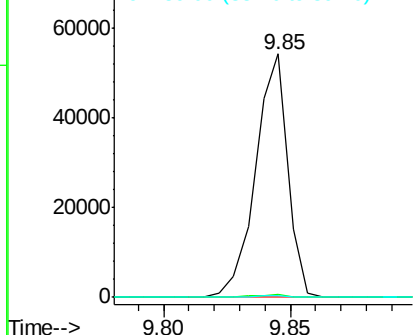
#51
 2,6-Dinitrotoluene
 Concen: 8.40 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-BC

Tgt Ion:165 Resp: 47873
 Ion Ratio Lower Upper
 165 100
 63 1.4 45.0 67.4#
 89 0.8 41.5 62.3#

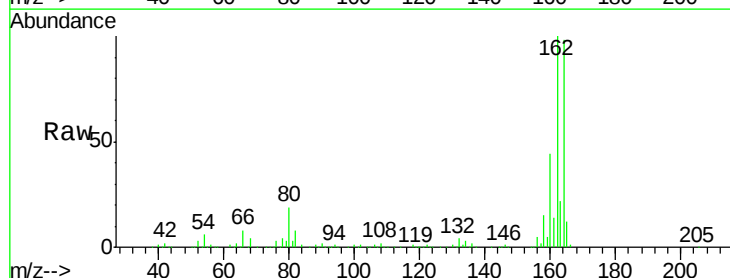


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

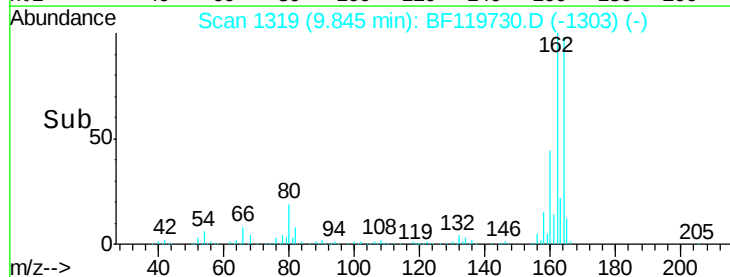
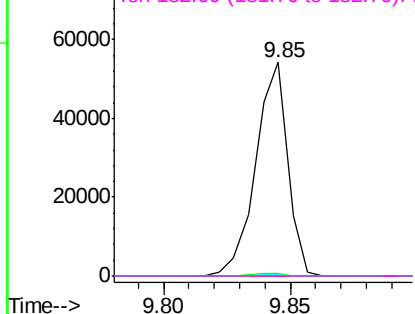


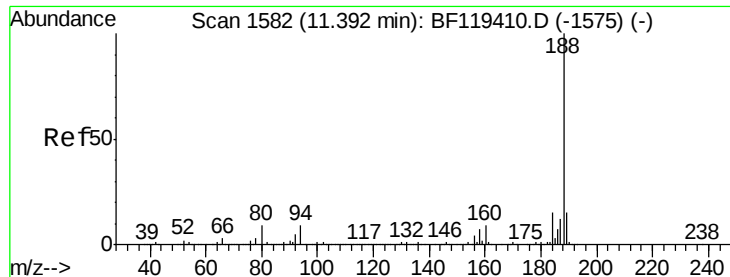
#57
 2,4-Dinitrotoluene
 Concen: 6.67 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

Tgt Ion:165 Resp: 47873
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.6 64.0#
 89 0.8 61.0 91.4#
 182 0.0 2.2 3.2#



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

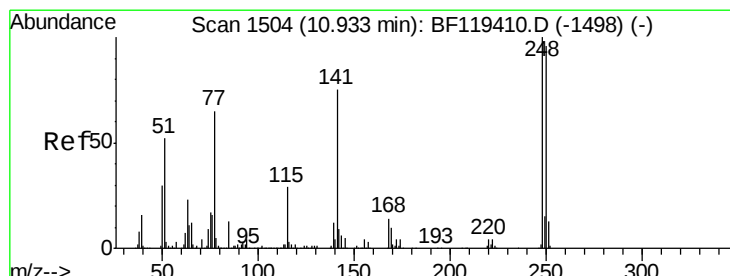
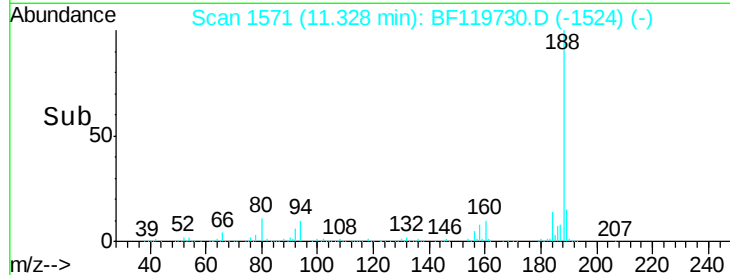
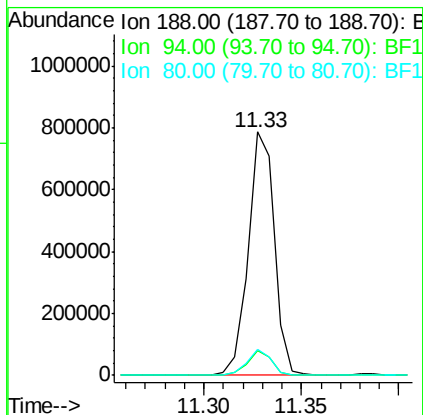
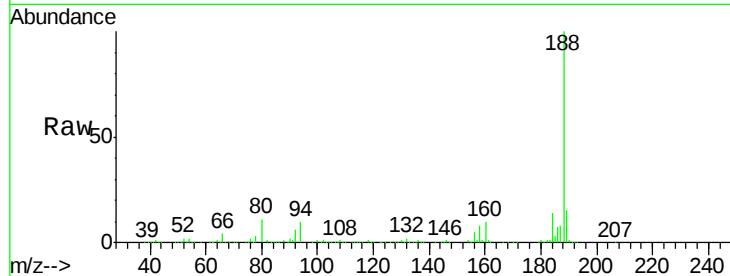




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

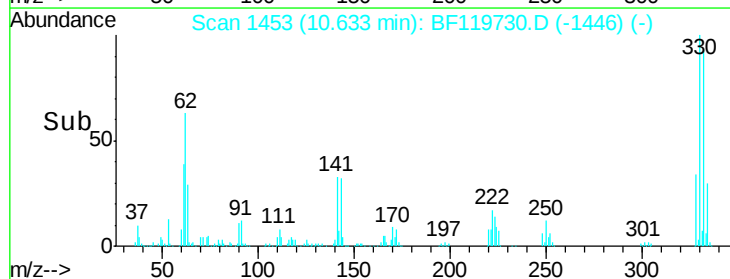
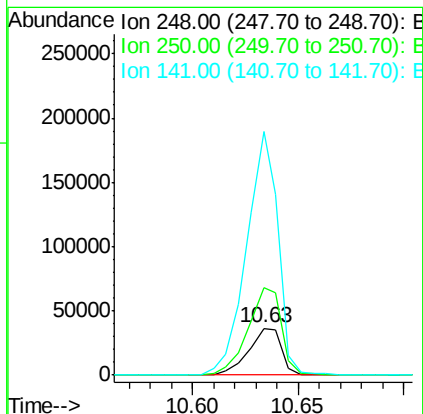
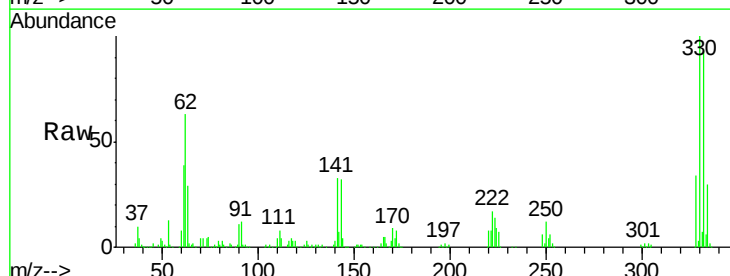
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-BC

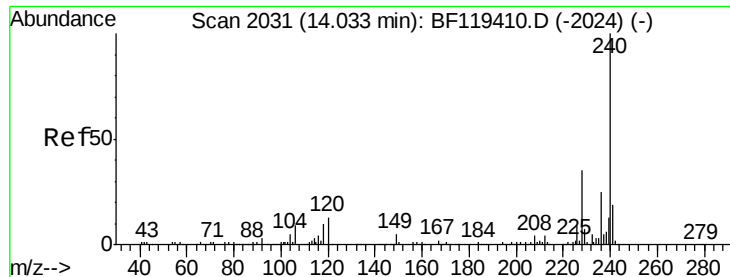
Tgt Ion:188 Resp: 728915
 Ion Ratio Lower Upper
 188 100
 94 10.1 7.5 11.3
 80 10.6 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.79 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.26 min
 Lab File: BF119730.D
 Acq: 3 Apr 2020 21:10

Tgt Ion:248 Resp: 39760
 Ion Ratio Lower Upper
 248 100
 250 187.0 77.3 115.9#
 141 517.7 58.6 87.8#

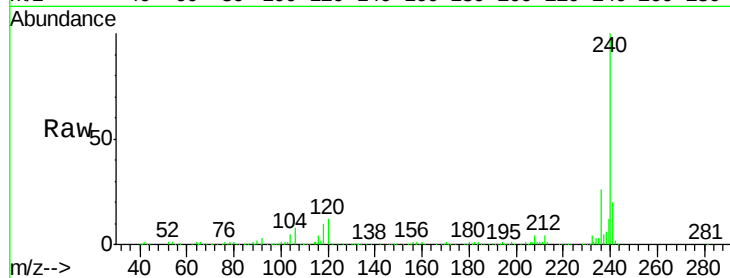




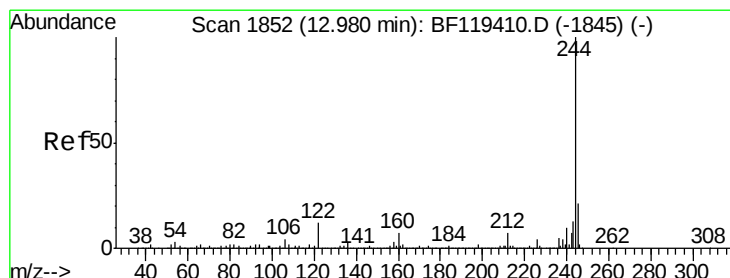
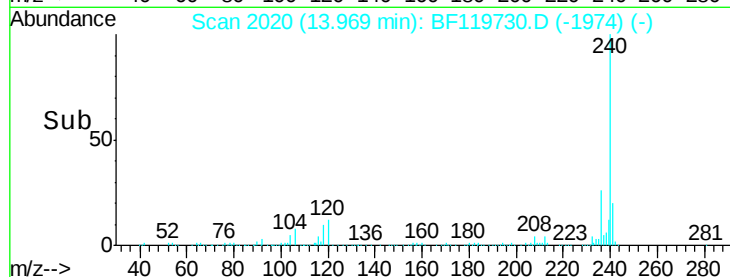
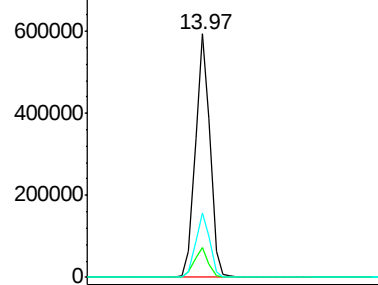
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF119730.D
Acq: 3 Apr 2020 21:10

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-BC

Tgt Ion:240 Resp: 517454
Ion Ratio Lower Upper
240 100
120 12.3 10.6 15.8
236 26.4 20.2 30.2

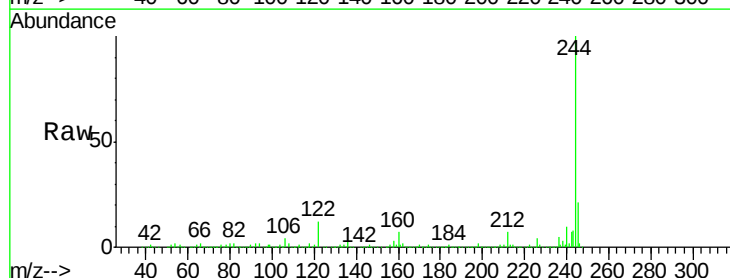


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

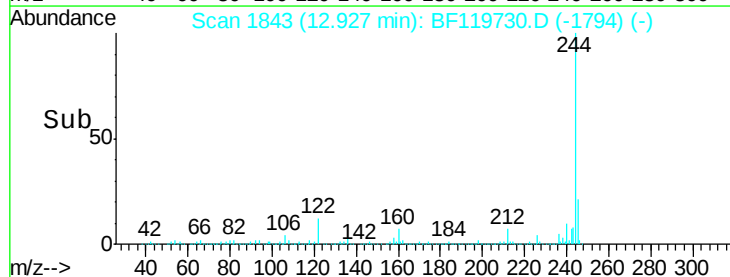
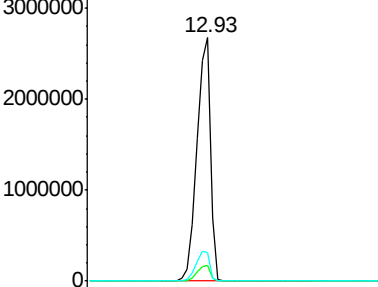


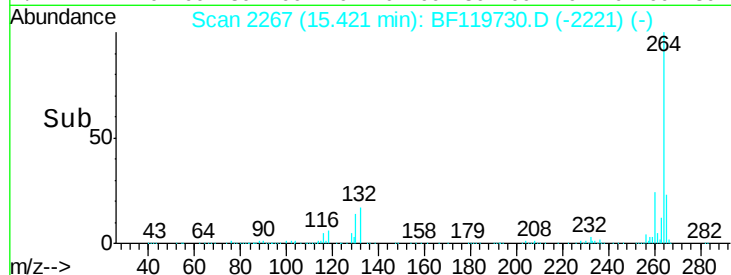
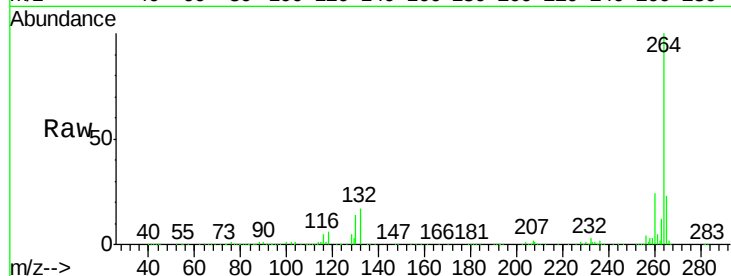
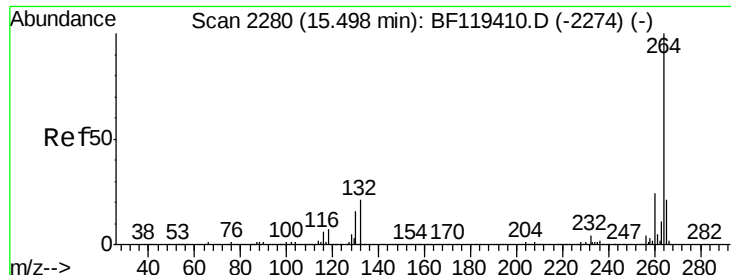
#79
Terphenyl-d14
Concen: 109.78 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF119730.D
Acq: 3 Apr 2020 21:10

Tgt Ion:244 Resp: 2899383
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 11.9 10.3 15.5



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
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF119730.D
Acq: 3 Apr 2020 21:10

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-BC

Tgt Ion:	264	Resp:	434785
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.9	17.7	26.5

