

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115990.D
 Acq On : 5 Aug 2019 20:01
 Operator : HP/JU
 Sample : K4090-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080219-A

Quant Time: Aug 06 01:37:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

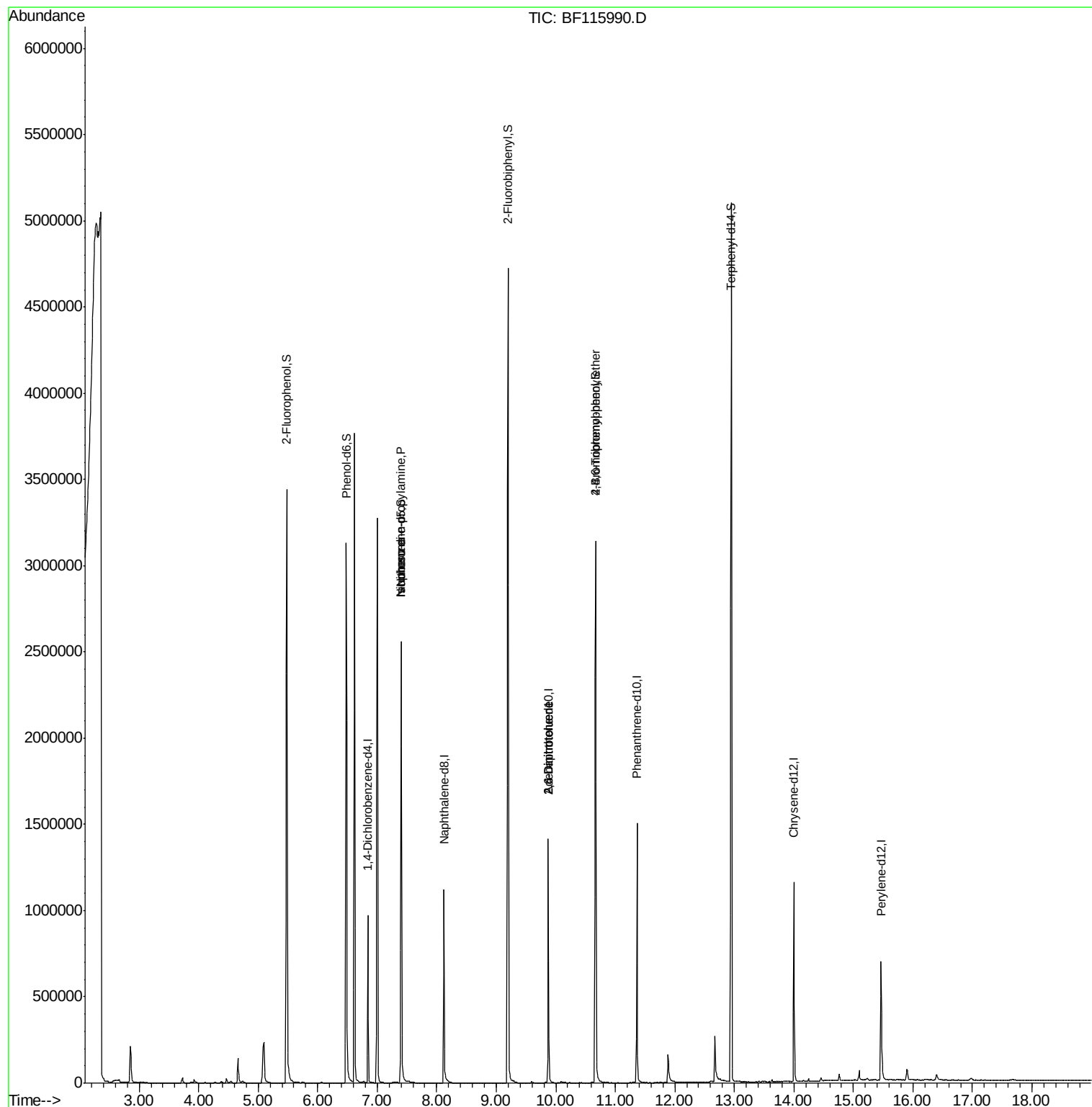
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139991	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	535651	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	292200	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	538228	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	417336	20.00	ng	-0.02
87) Perylene-d12	15.46	264	352733	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1060337	126.80	ng	0.01
7) Phenol-d6	6.48	99	1265840	119.98	ng	0.00
23) Nitrobenzene-d5	7.40	82	981077	105.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	438174	154.67	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1665651	106.77	ng	-0.02
79) Terphenyl-d14	12.95	244	1961496	99.04	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	131030	20.041	ng	# 79
25) Isophorone	7.40	82	981072	55.290	ng	# 66
51) 2,6-Dinitrotoluene	9.87	165	37105	8.582	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	37105	6.446	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	27281	4.735	ng	# 1

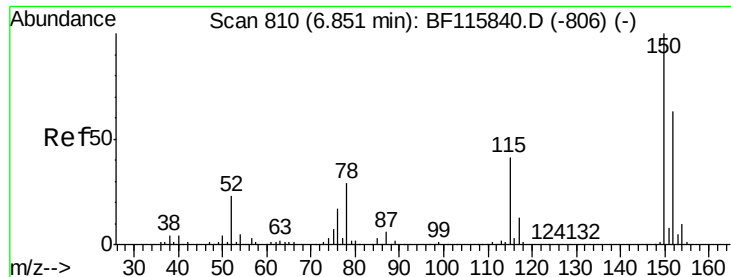
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
Data File : BF115990.D
Acq On : 5 Aug 2019 20:01
Operator : HP/JU
Sample : K4090-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Quant Time: Aug 06 01:37:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration



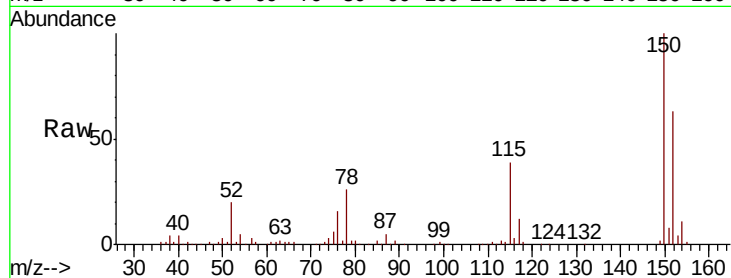


#1

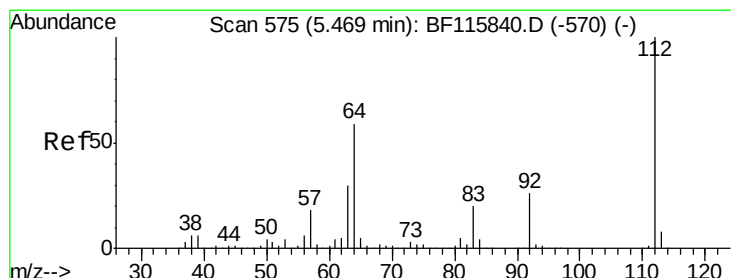
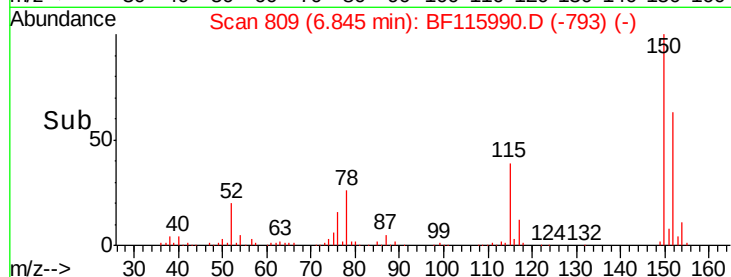
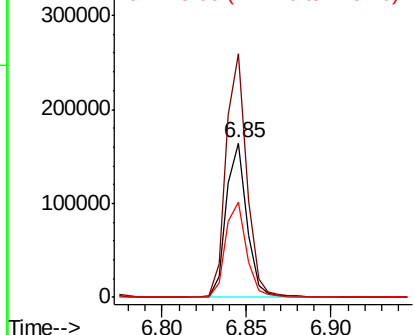
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:152 Resp: 139991
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 61.7 51.8 77.8



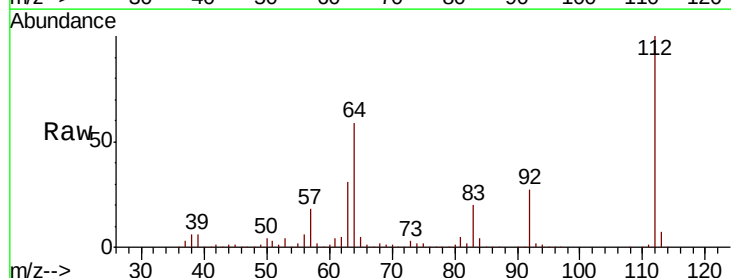
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



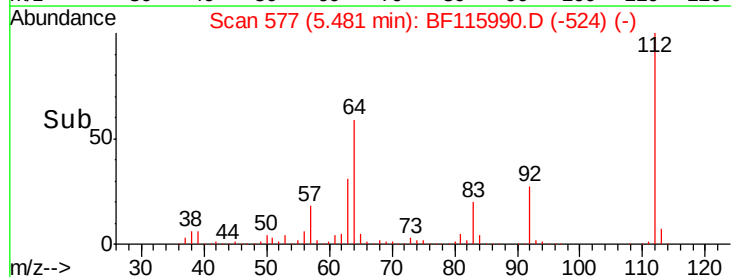
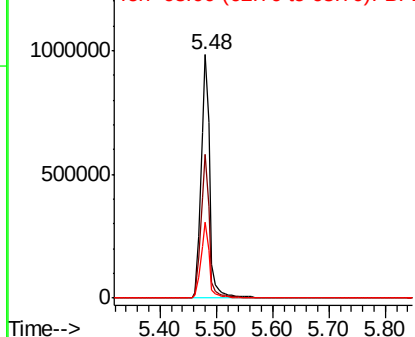
#5

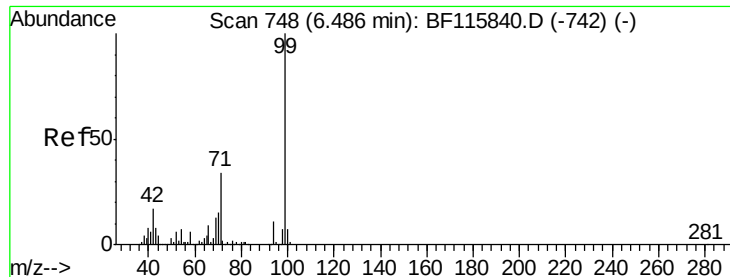
2-Fluorophenol
Concen: 126.799 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

Tgt Ion:112 Resp: 1060337
Ion Ratio Lower Upper
112 100
64 59.2 46.8 70.2
63 31.1 24.2 36.2



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: 119.978 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115990.D

Acq: 5 Aug 2019 20:01

Instrument :

BNA_F

ClientSampleId :

OR-02-080219-A

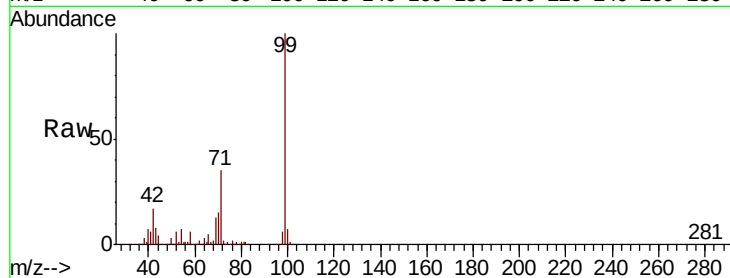
Tgt Ion: 99 Resp: 1265840

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.6

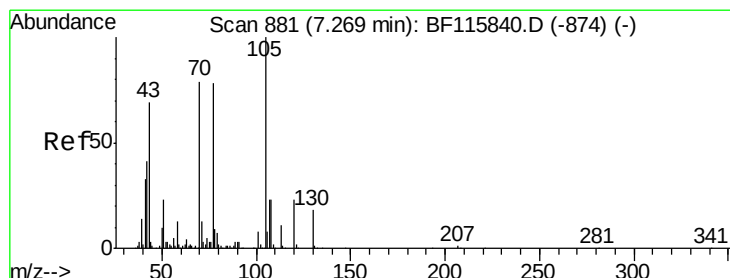
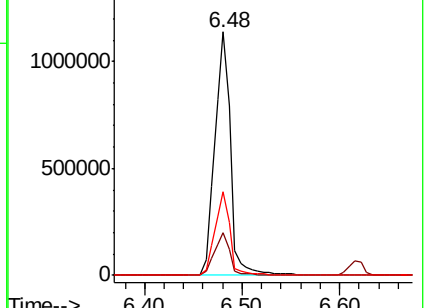
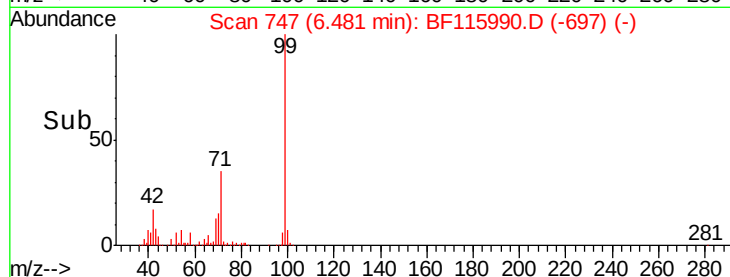
71 34.5 27.1 40.7



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: 20.041 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF115990.D

Acq: 5 Aug 2019 20:01

Tgt Ion: 70 Resp: 131030

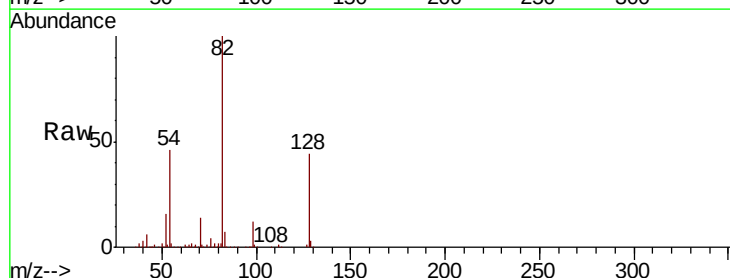
Ion Ratio Lower Upper

70 100

42 44.4 41.8 62.8

101 0.0 7.7 11.5#

130 2.0 17.8 26.6#

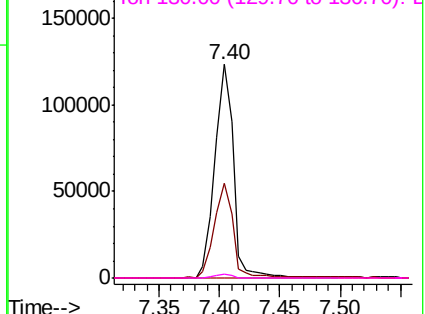
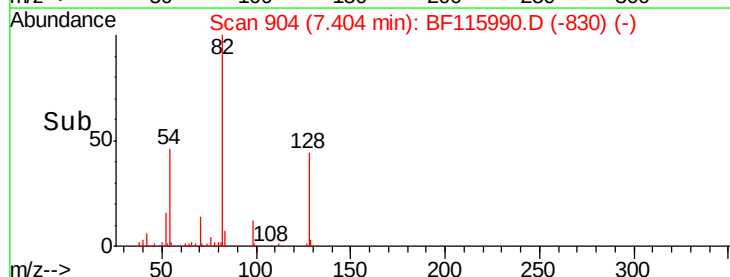


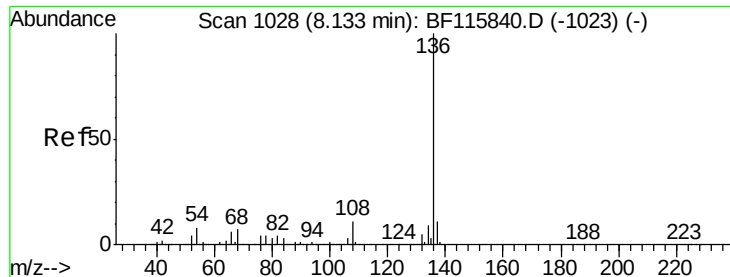
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

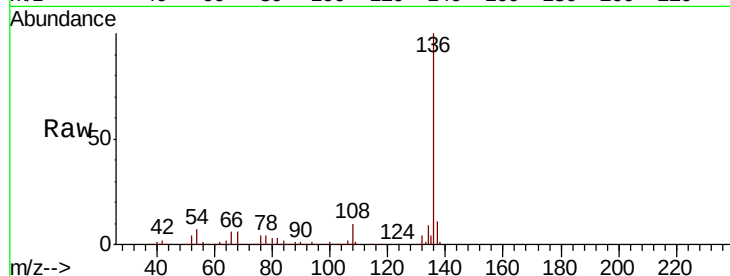




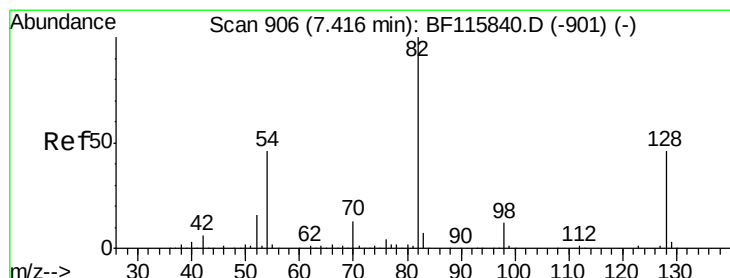
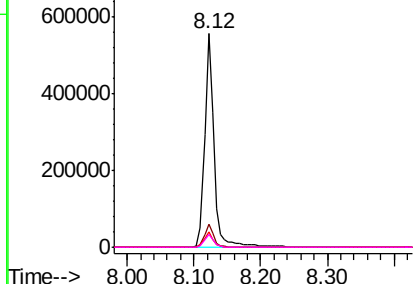
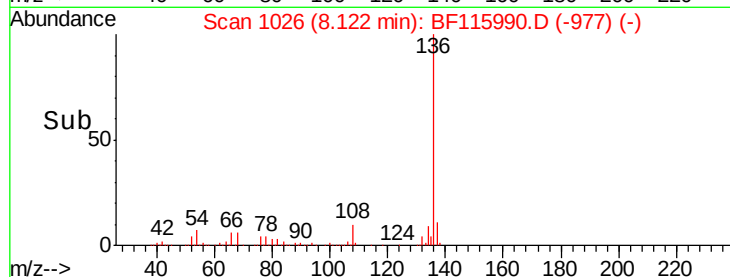
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:	136	Resp:	535651
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.1	6.1	9.1
68	6.0	5.4	8.2

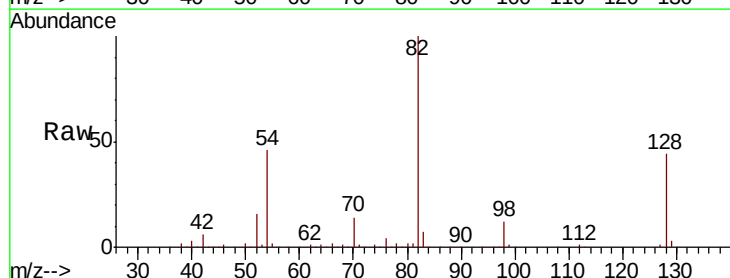


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

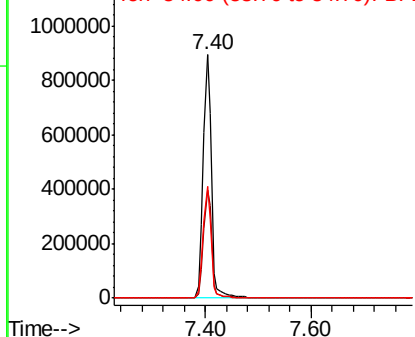
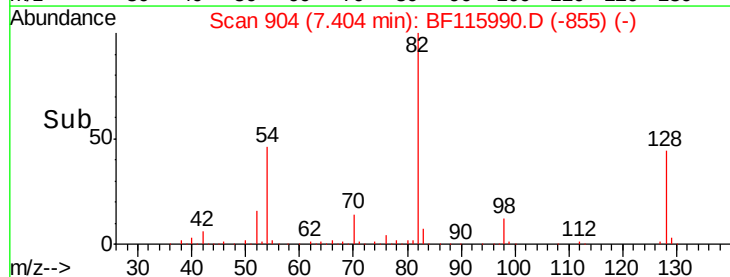


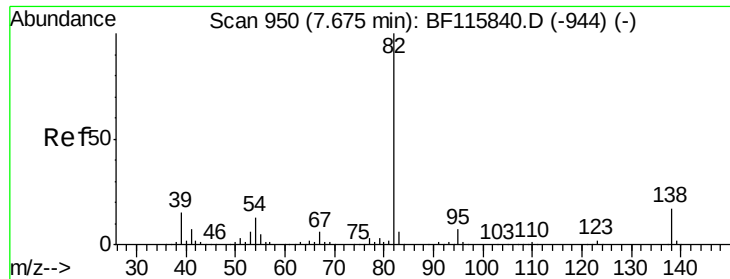
#23
Nitrobenzene-d5
Concen: 105.723 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

Tgt Ion:	82	Resp:	981077
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.6	55.0
54	45.8	36.6	55.0



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: 55.290 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF115990.D

Acq: 5 Aug 2019 20:01

Instrument :

BNA_F

ClientSampleId :

OR-02-080219-A

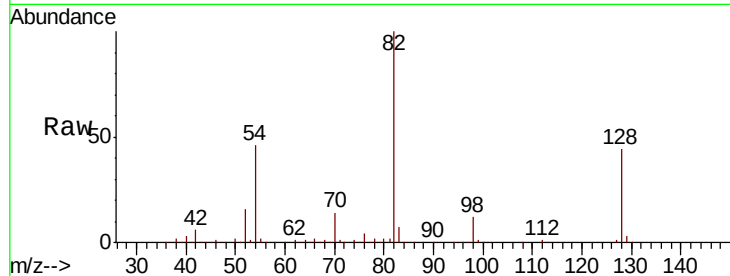
Tgt Ion: 82 Resp: 981072

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

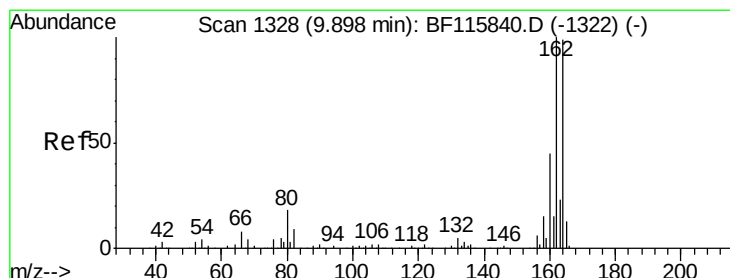
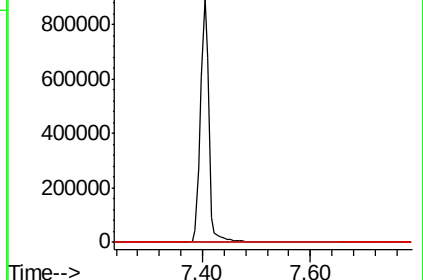
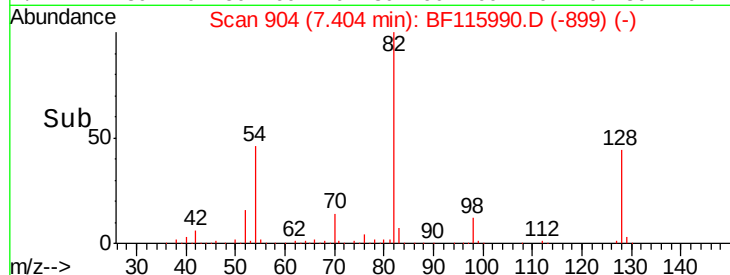
138 0.0 13.9 20.9#



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: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF115990.D

Acq: 5 Aug 2019 20:01

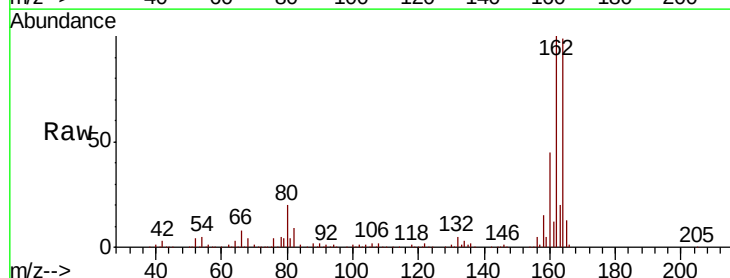
Tgt Ion: 164 Resp: 292200

Ion Ratio Lower Upper

164 100

162 101.5 80.8 121.2

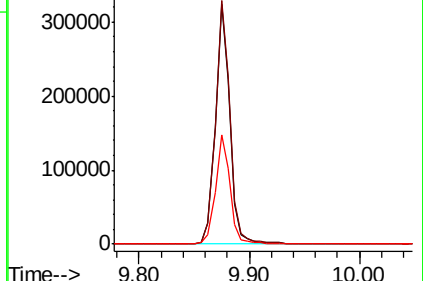
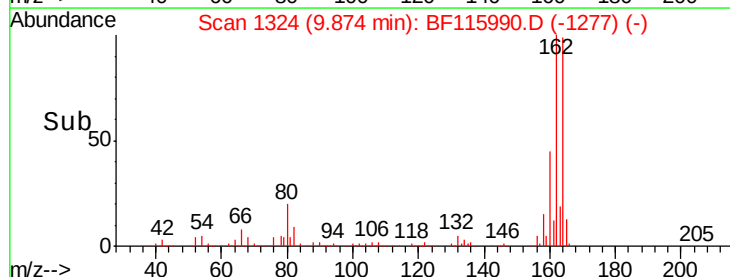
160 45.4 36.2 54.4

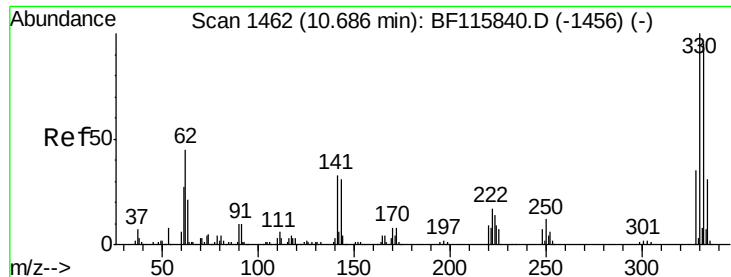


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

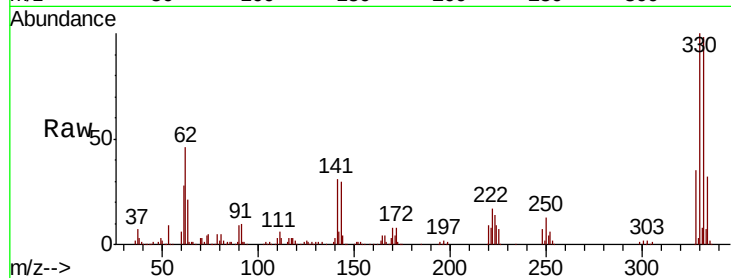




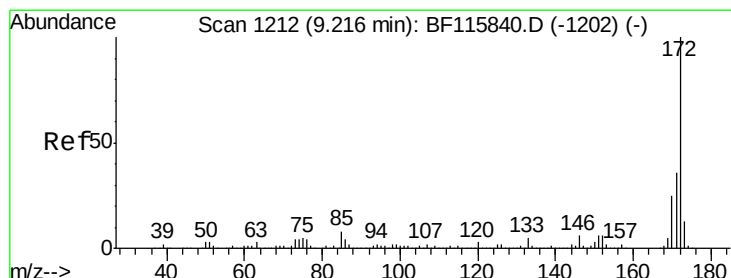
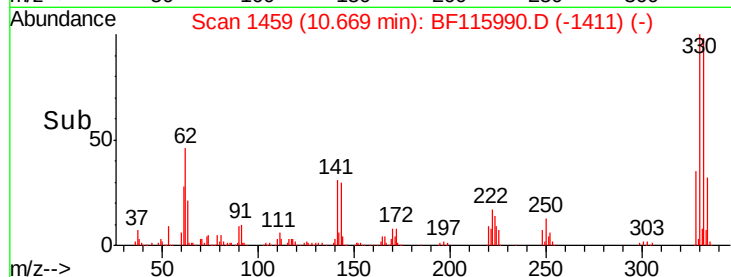
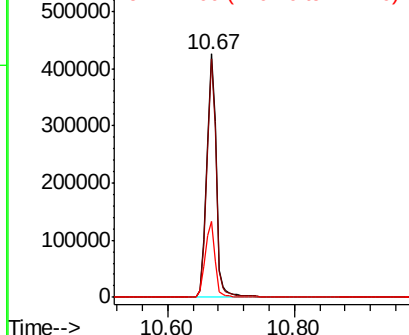
#42
 2,4,6-Tribromophenol
 Concen: 154.670 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF115990.D
 Acq: 5 Aug 2019 20:01

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080219-A

Tgt Ion:330 Resp: 438174
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.7 116.5
 141 32.2 28.1 42.1

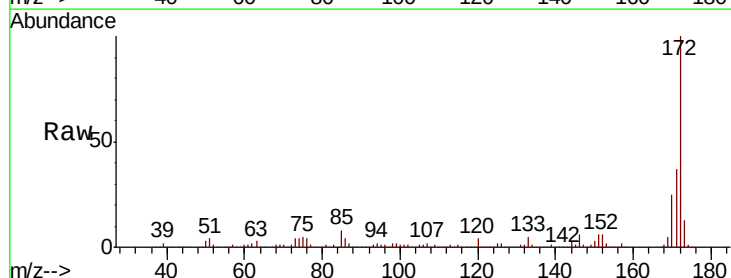


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

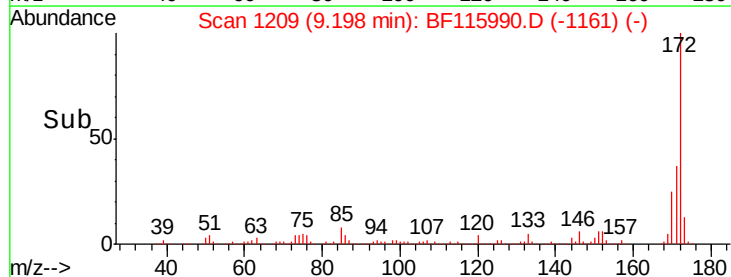
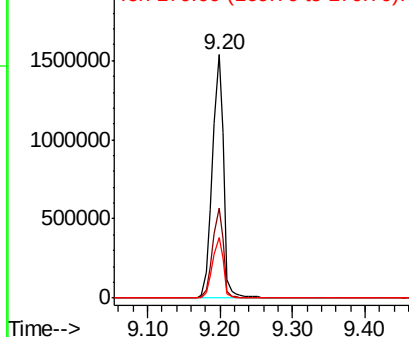


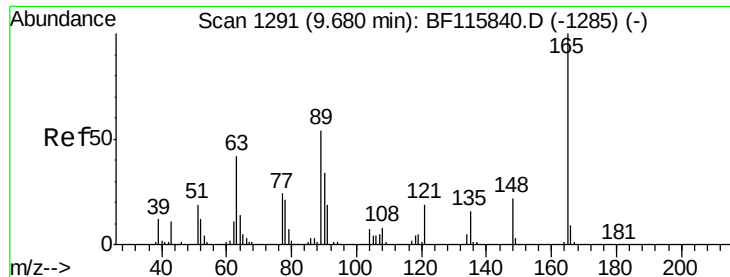
#45
 2-Fluorobiphenyl
 Concen: 106.772 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115990.D
 Acq: 5 Aug 2019 20:01

Tgt Ion:172 Resp: 1665651
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.1 43.7
 170 25.0 20.1 30.1



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





#51

2,6-Dinitrotoluene

Concen: 8.582 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.19 min

Lab File: BF115990.D

Acq: 5 Aug 2019 20:01

Instrument :

BNA_F

ClientSampleId :

OR-02-080219-A

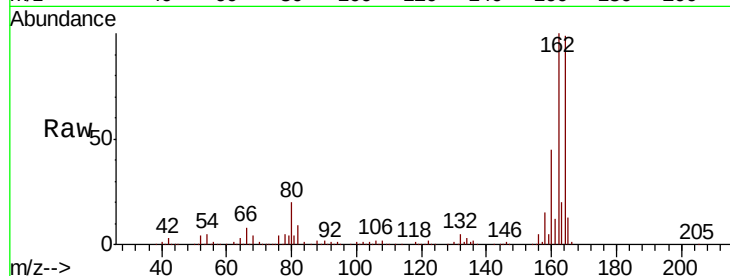
Tgt Ion:165 Resp: 37105

Ion Ratio Lower Upper

165 100

63 1.3 39.4 59.2#

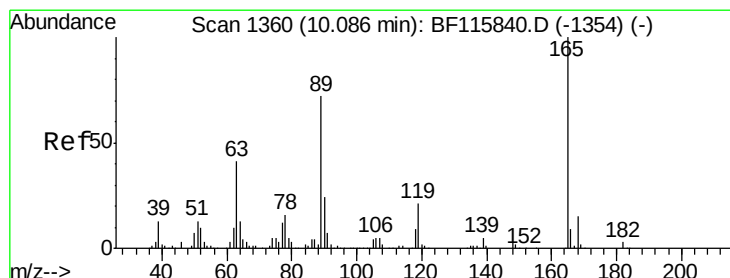
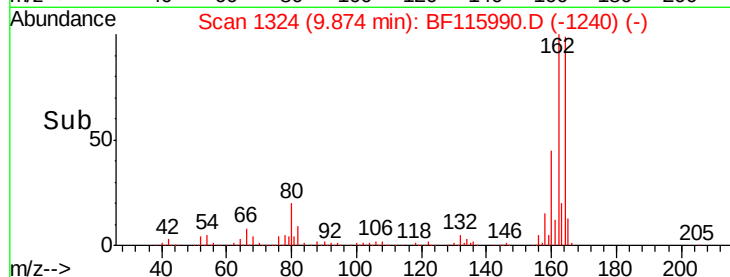
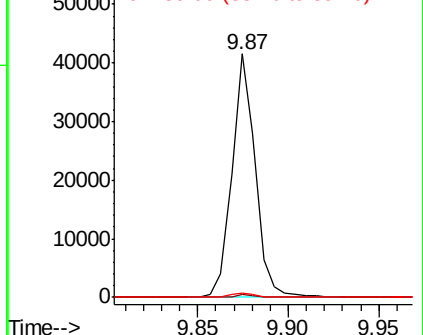
89 1.8 43.0 64.6#



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: 6.446 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF115990.D

Acq: 5 Aug 2019 20:01

Tgt Ion:165 Resp: 37105

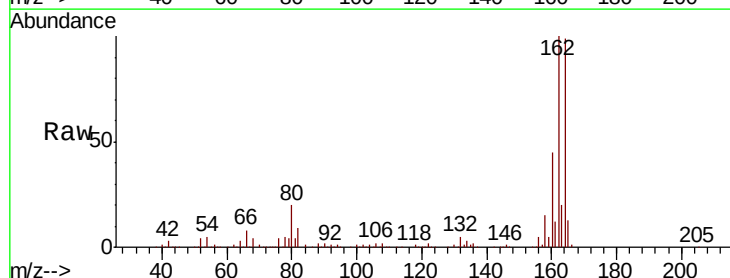
Ion Ratio Lower Upper

165 100

63 1.3 33.2 49.8#

89 1.8 57.3 85.9#

182 0.0 2.1 3.1#

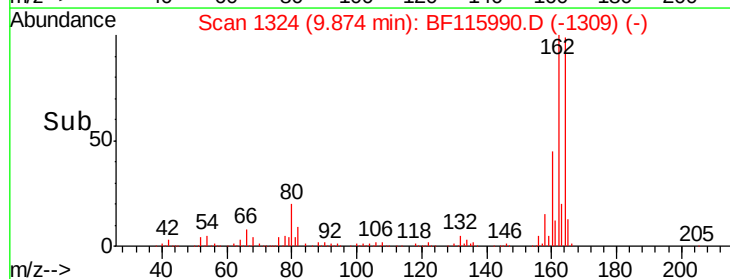
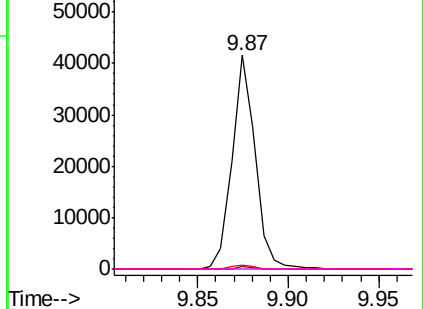


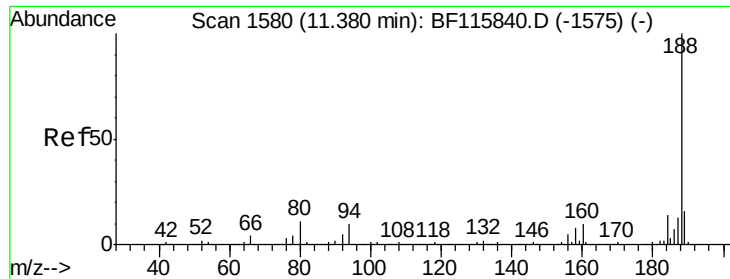
Abundance Ion 165.00 (164.70 to 165.70): E

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

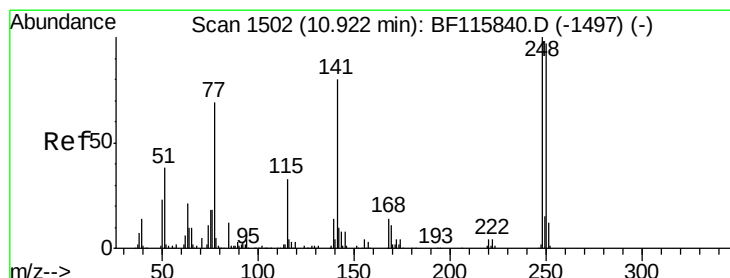
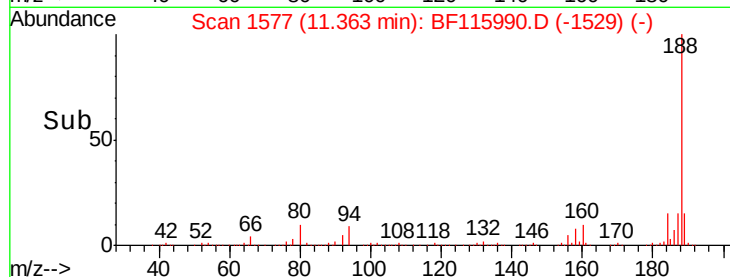
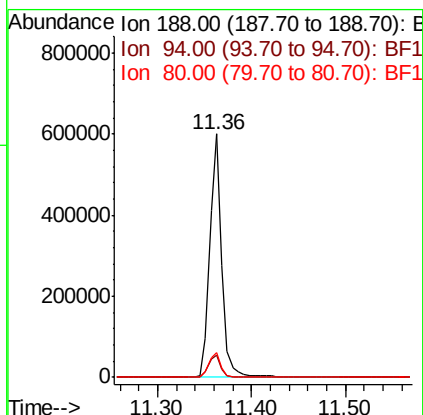
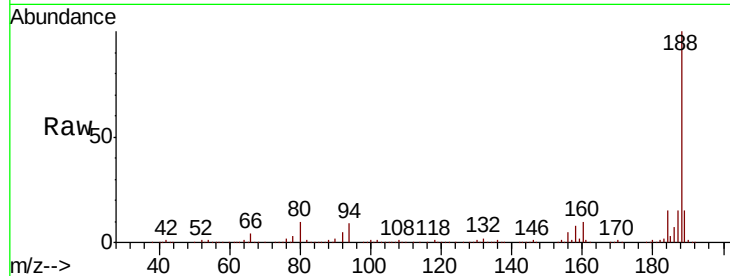




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF115990.D
 Acq: 5 Aug 2019 20:01

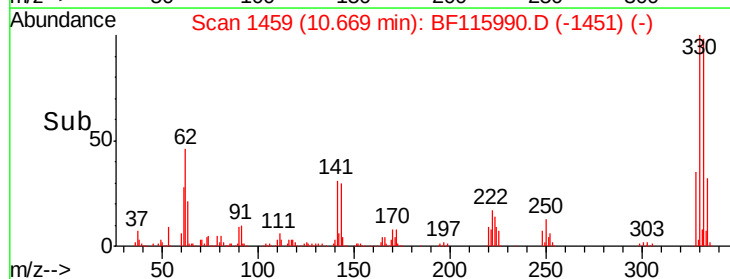
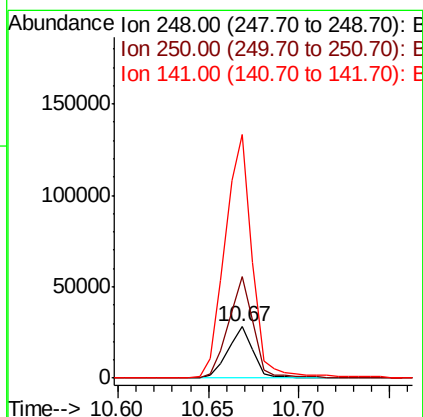
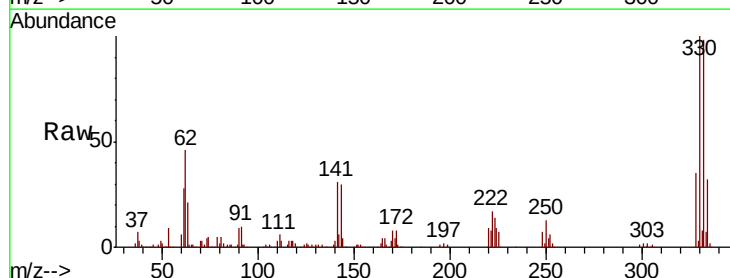
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080219-A

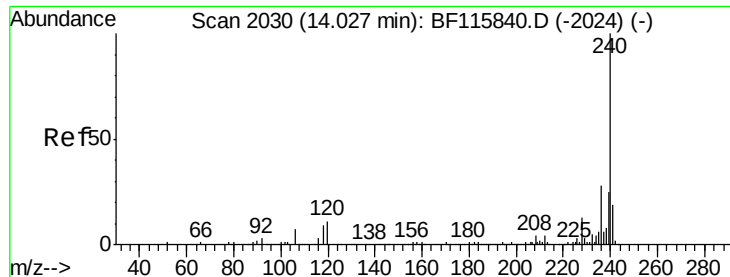
Tgt Ion:188 Resp: 538228
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.0 12.0
 80 10.1 8.6 12.8



#67
 4-Bromophenyl-phenylether
 Concen: 4.735 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF115990.D
 Acq: 5 Aug 2019 20:01

Tgt Ion:248 Resp: 27281
 Ion Ratio Lower Upper
 248 100
 250 196.5 77.8 116.6#
 141 474.0 64.3 96.5#

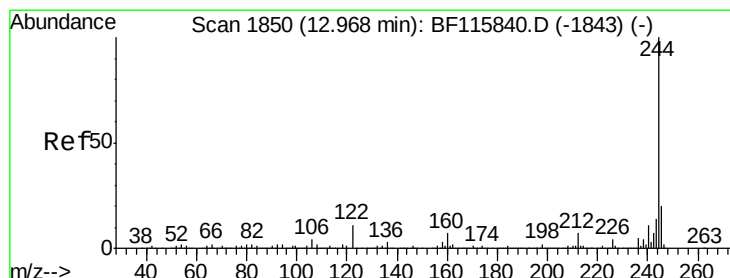
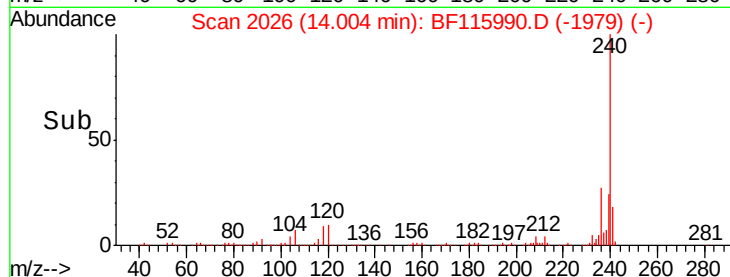
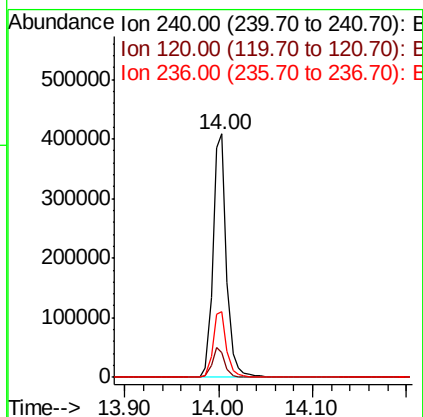
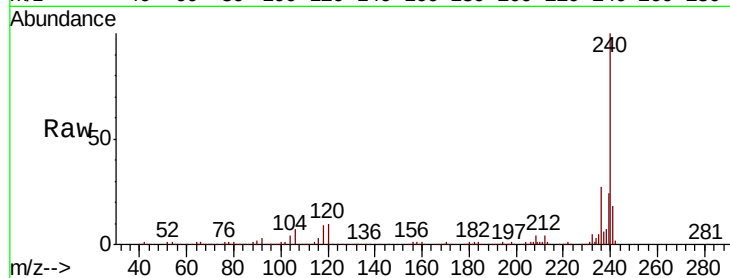




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

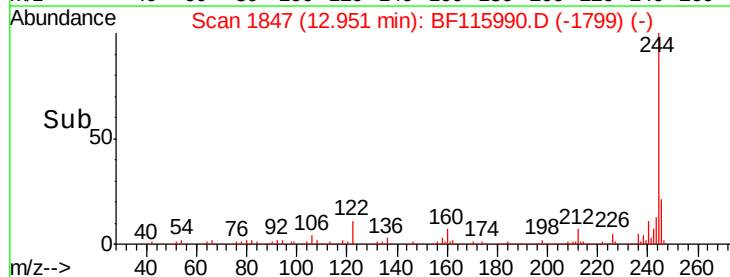
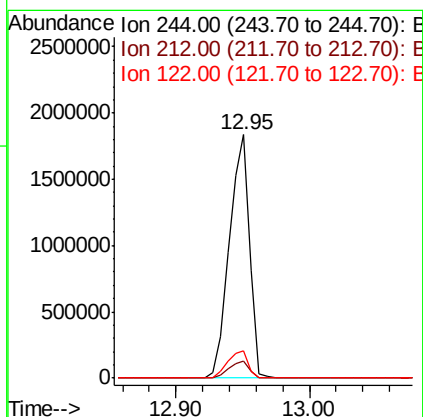
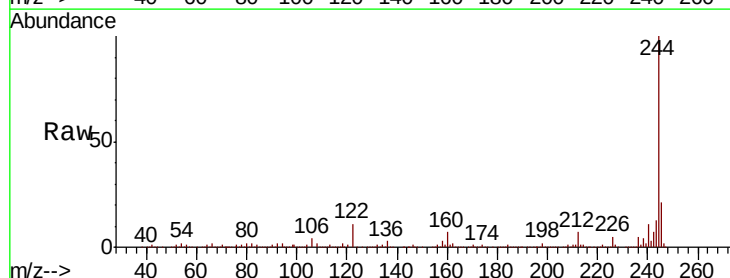
Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

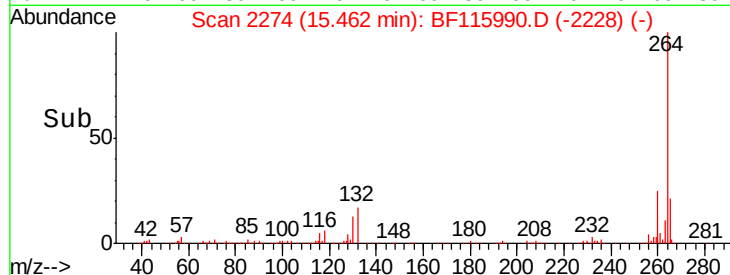
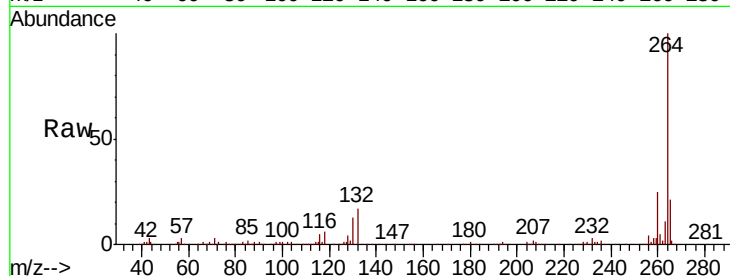
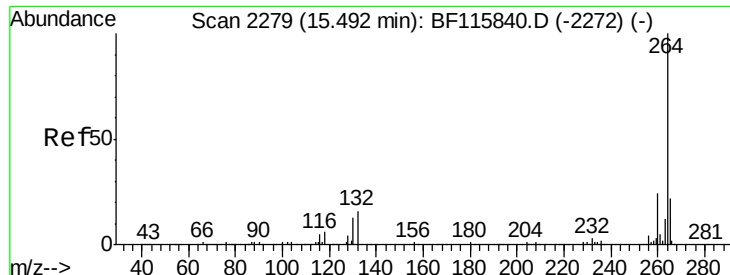
Tgt Ion:240 Resp: 417336
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 27.0 22.2 33.2



#79
Terphenyl-d14
Concen: 99.038 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

Tgt Ion:244 Resp: 1961496
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 11.0 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:	264	Resp:	352733
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.3	17.5	26.3

