

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115899.D
 Acq On : 1 Aug 2019 11:22
 Operator : HP/JU
 Sample : PB121853BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 13:44:44 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

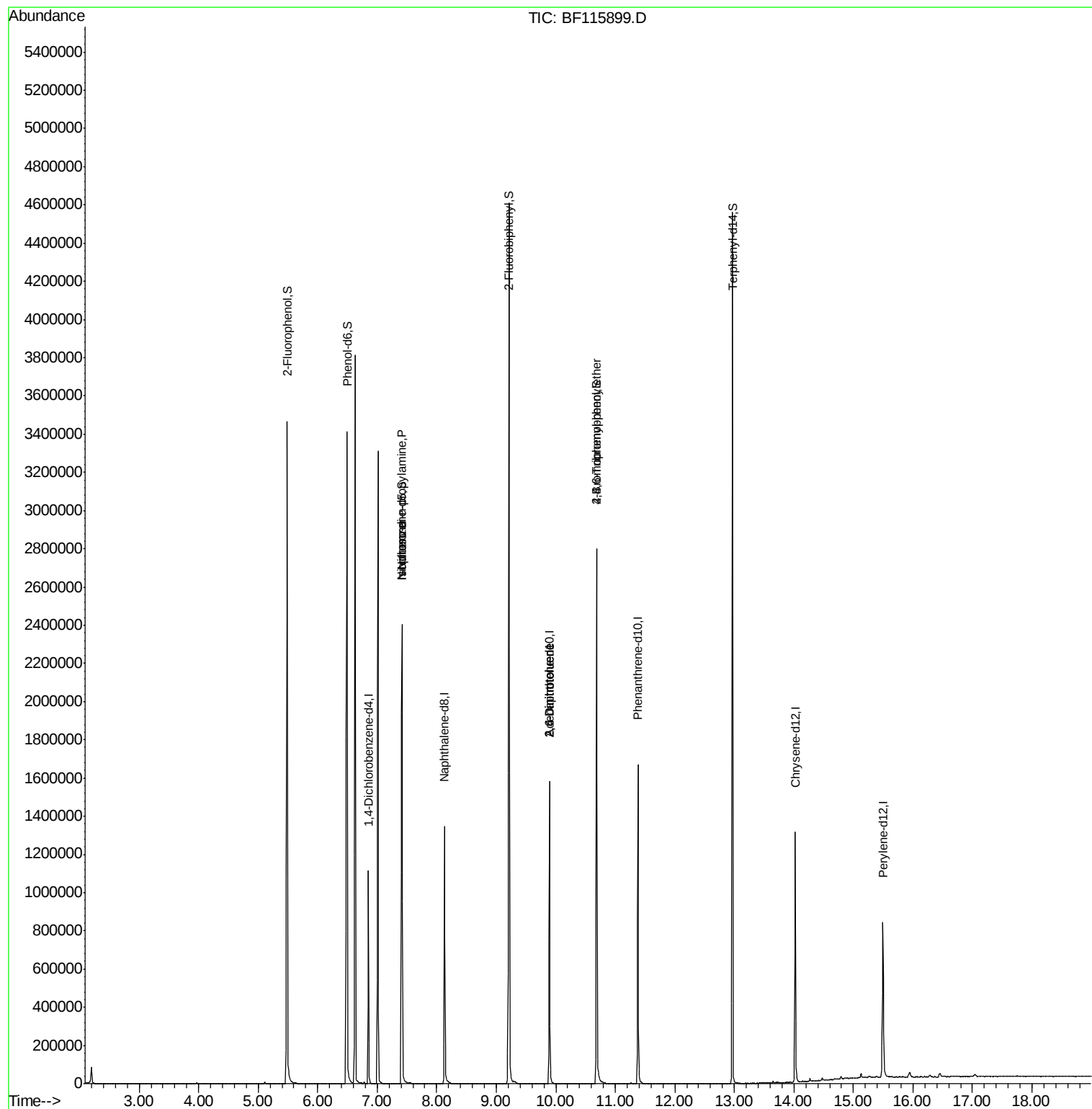
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	160445	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	619784	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	339572	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	614012	20.00	ng	0.00
76) Chrysene-d12	14.02	240	448437	20.00	ng	0.00
87) Perylene-d12	15.50	264	418774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1079461	112.63	ng	0.02
7) Phenol-d6	6.49	99	1395154	115.38	ng	0.00
23) Nitrobenzene-d5	7.42	82	907064	84.48	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	397590	120.77	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1598260	88.16	ng	0.00
79) Terphenyl-d14	12.97	244	1874145	88.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	120658	16.102	ng	# 78
25) Isophorone	7.42	82	900515	43.861	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	44124	8.782	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	44124	6.596	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	24548	3.735	ng	# 1

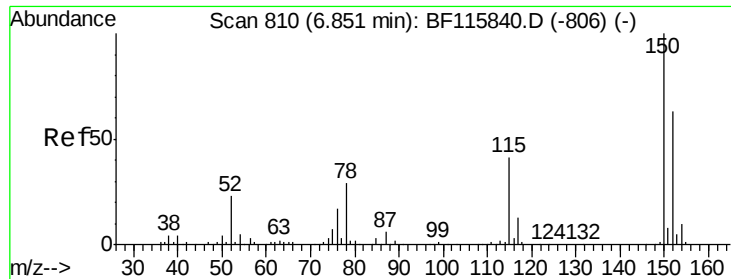
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115899.D
Acq On : 1 Aug 2019 11:22
Operator : HP/JU
Sample : PB121853BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 01 13:44:44 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



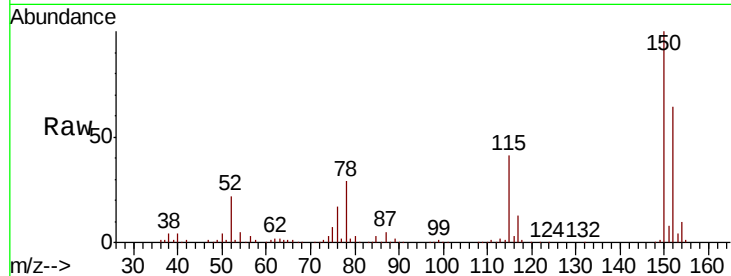


#1

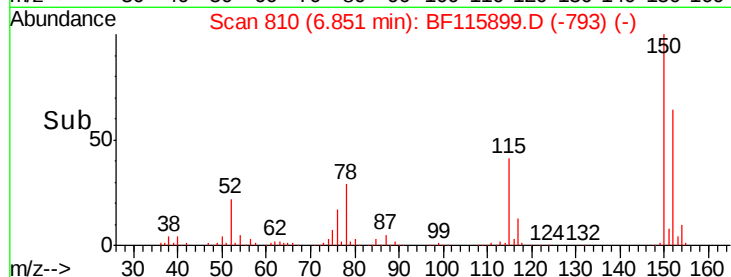
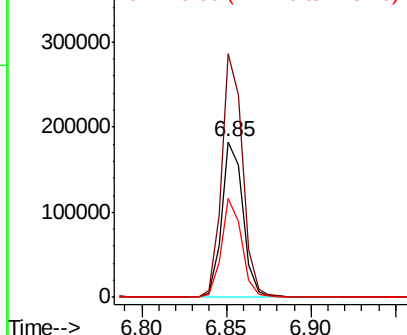
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115899.D
Acq: 1 Aug 2019 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160445
Ion Ratio Lower Upper
152 100
150 156.7 127.4 191.0
115 63.6 51.8 77.8



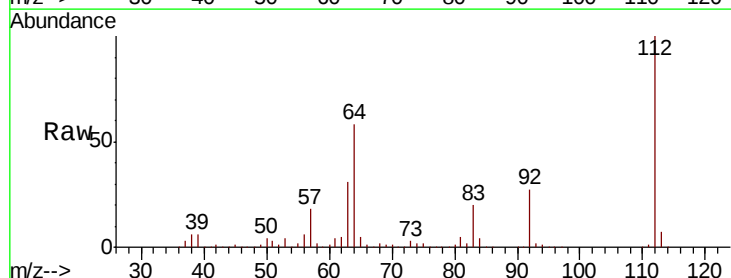
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



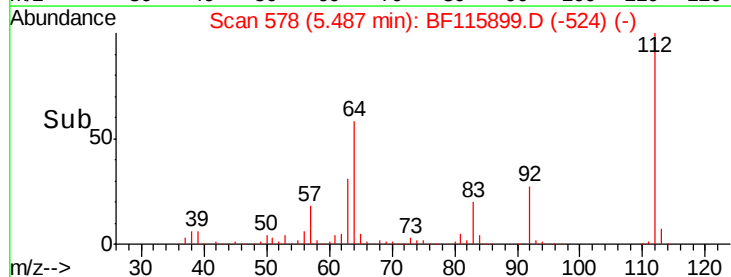
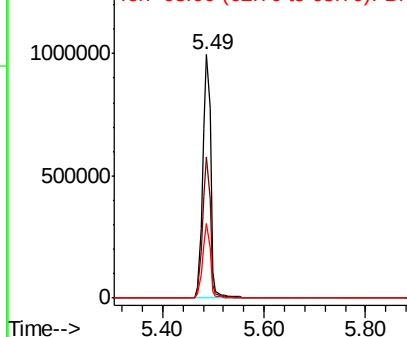
#5

2-Fluorophenol
Concen: 112.630 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115899.D
Acq: 1 Aug 2019 11:22

Tgt Ion:112 Resp: 1079461
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 30.6 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: 115.377 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

Instrument :

BNA_F

ClientSampleId :

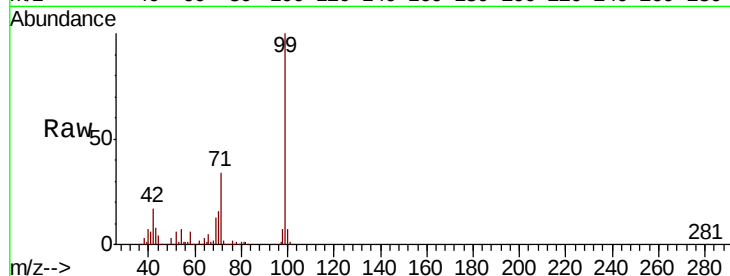
Tot Ion: 99 Resp: 1395154

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.6

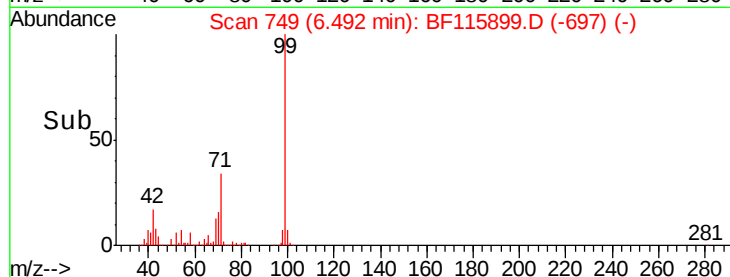
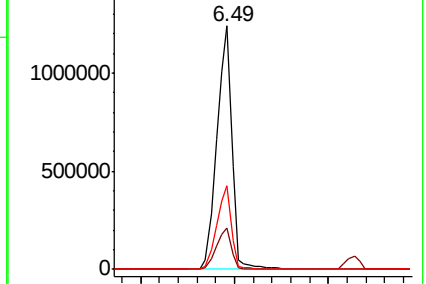
71 34.5 27.1 40.7



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: 16.102 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

Tgt Ion: 70 Resp: 120658

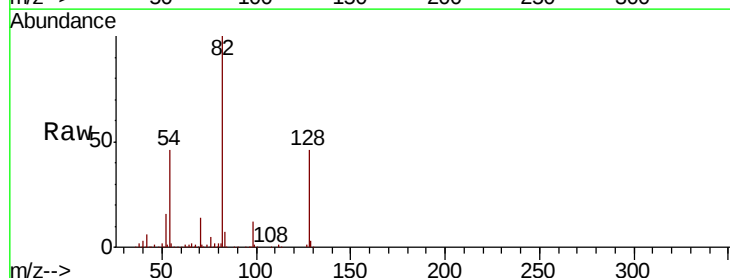
Ion Ratio Lower Upper

70 100

42 43.5 41.8 62.8

101 0.0 7.7 11.5#

130 2.3 17.8 26.6#

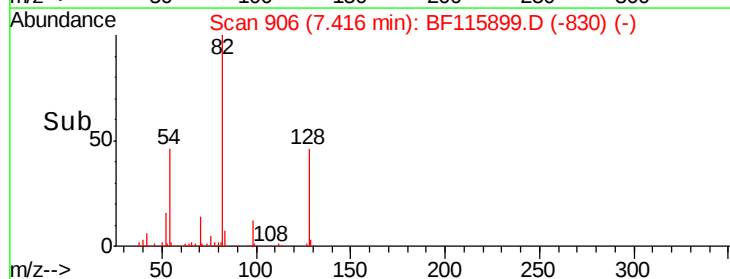
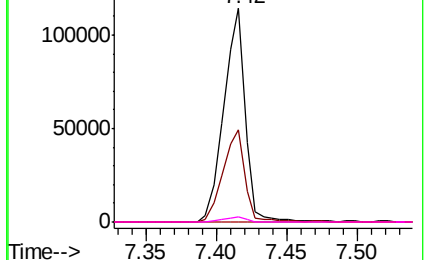


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

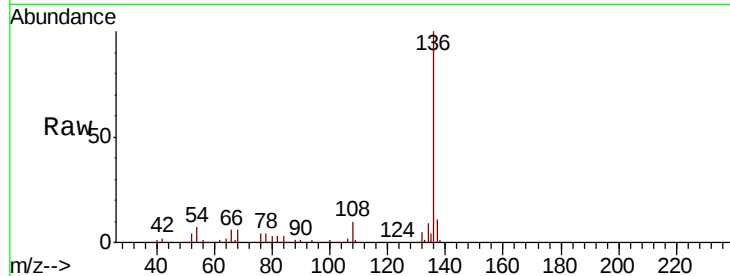




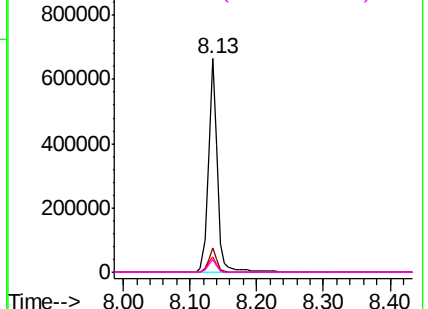
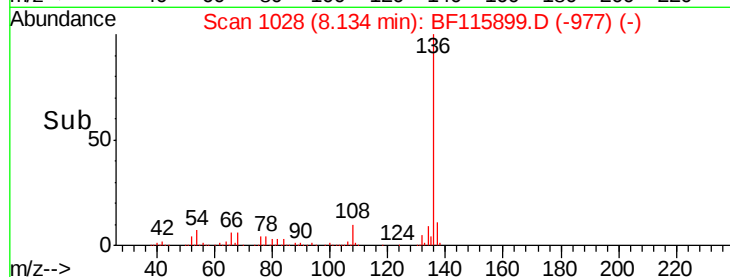
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115899.D
Acq: 1 Aug 2019 11:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	619784
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.1 13.7
54	7.3	6.1 9.1
68	6.1	5.4 8.2

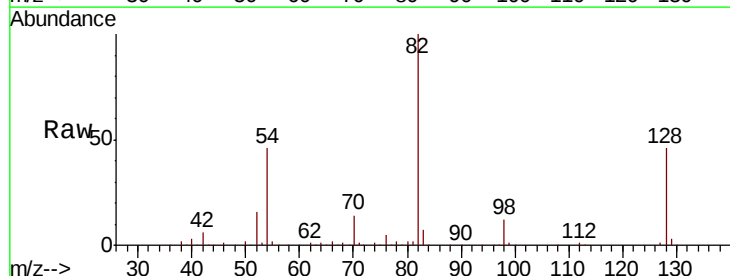


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

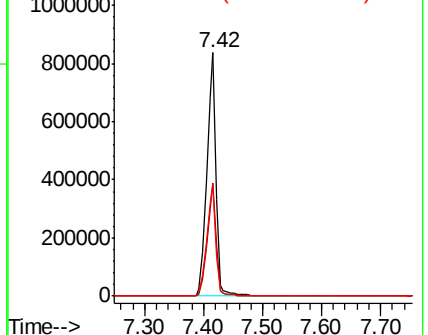
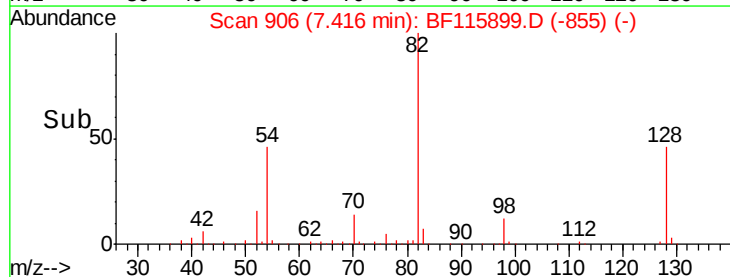


#23
Nitrobenzene-d5
Concen: 84.479 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115899.D
Acq: 1 Aug 2019 11:22

Tgt Ion: 82	Resp:	907064
Ion	Ratio	Lower Upper
82	100	
128	46.4	36.6 55.0
54	46.0	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: 43.861 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

Instrument :

BNA_F

ClientSampleId :

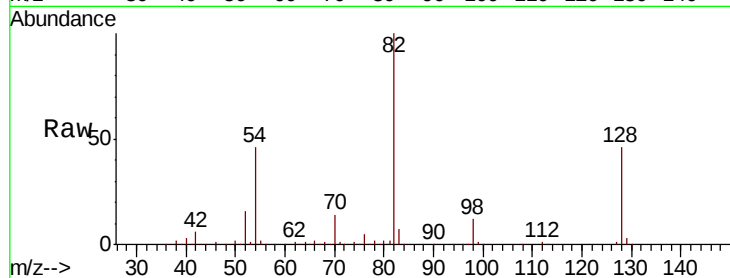
Tot Ion: 82 Resp: 900515

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 13.9 20.9#

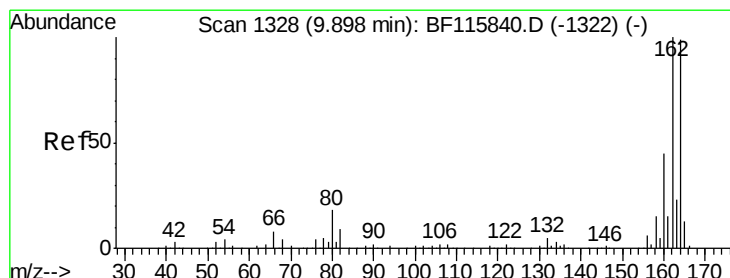
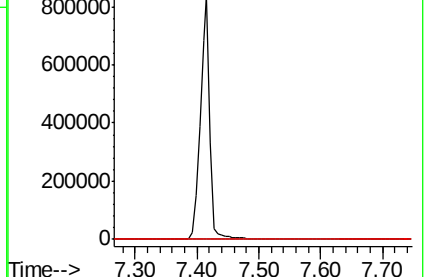
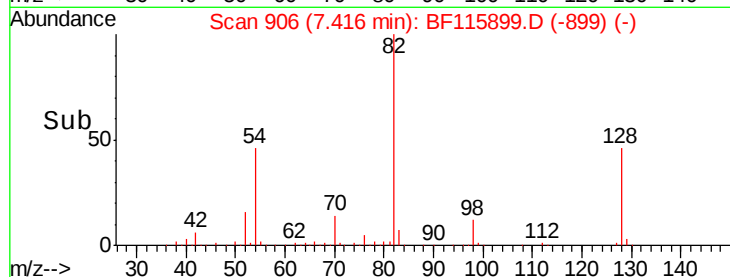


Abundance Ion 82.00 (81.70 to 82.70): BF115899.D (-899) (-)

Ion 95.00 (94.70 to 95.70): BF115899.D (-899) (-)

Ion 138.00 (137.70 to 138.70): BF115899.D (-899) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

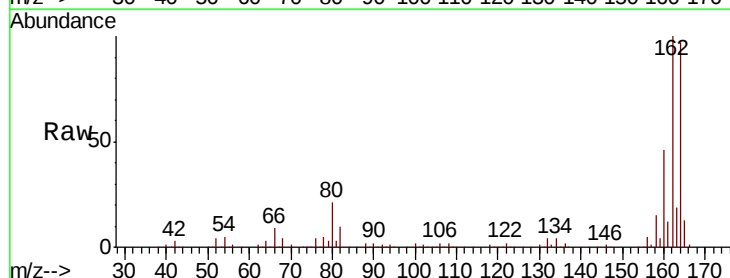
Tgt Ion: 164 Resp: 339572

Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

160 46.8 36.2 54.4

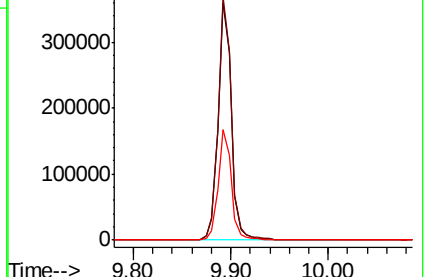
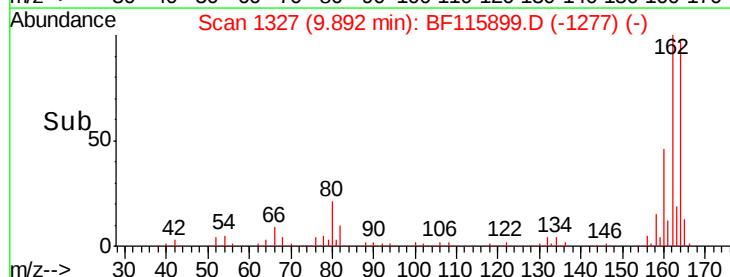


Abundance Ion 164.00 (163.70 to 164.70): BF115899.D (-1277) (-)

Ion 162.00 (161.70 to 162.70): BF115899.D (-1277) (-)

Ion 160.00 (159.70 to 160.70): BF115899.D (-1277) (-)

Time-->





#42

2,4,6-Tribromophenol

Concen: 120.766 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

Instrument :

BNA_F

ClientSampleId :

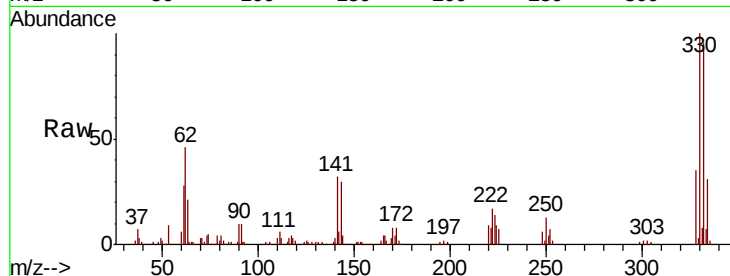
Tot Ion:330 Resp: 397590

Ion Ratio Lower Upper

330 100

332 95.9 77.7 116.5

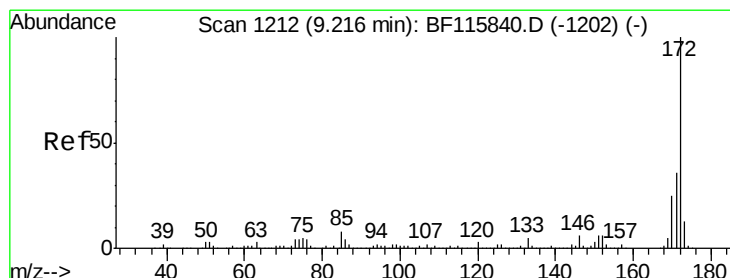
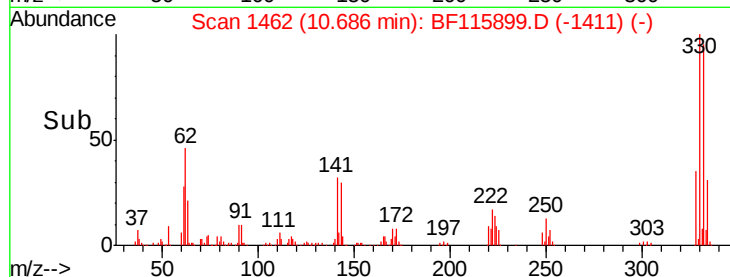
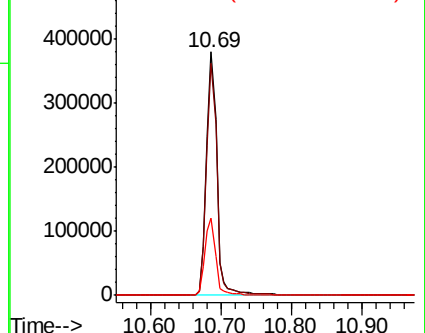
141 33.1 28.1 42.1



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: 88.160 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

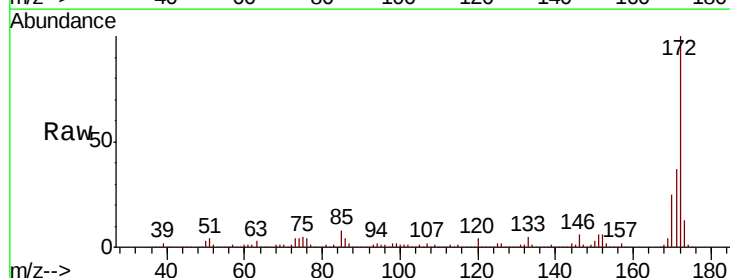
Tgt Ion:172 Resp: 1598260

Ion Ratio Lower Upper

172 100

171 36.7 29.1 43.7

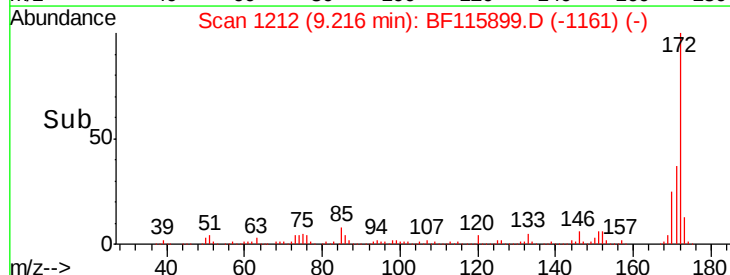
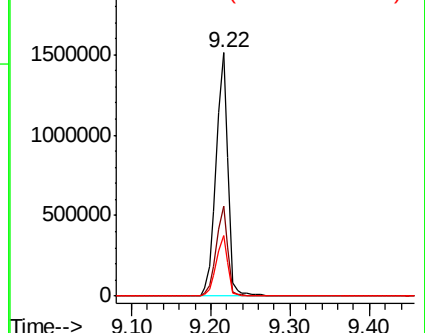
170 24.9 20.1 30.1

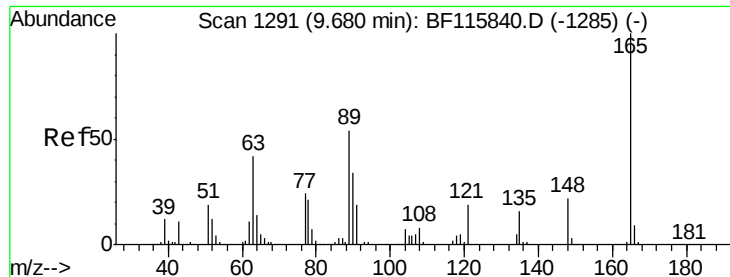


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.782 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

Instrument :

BNA_F

ClientSampleId :

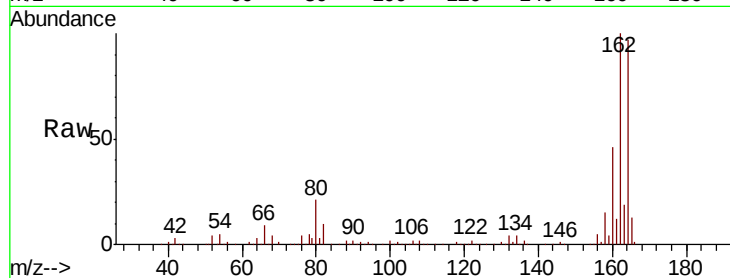
Tot Ion:165 Resp: 44124

Ion Ratio Lower Upper

165 100

63 0.7 39.4 59.2#

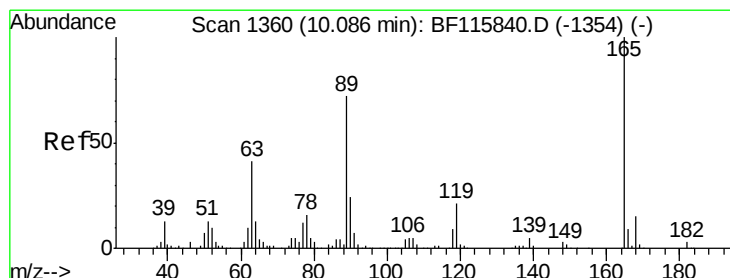
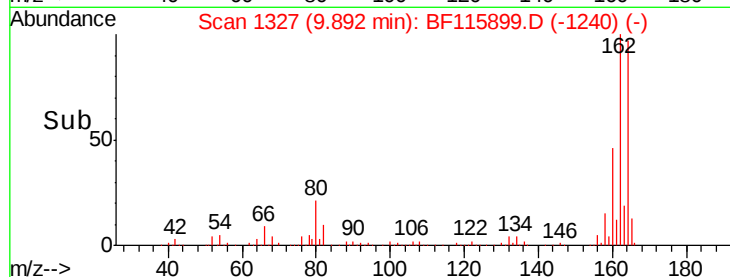
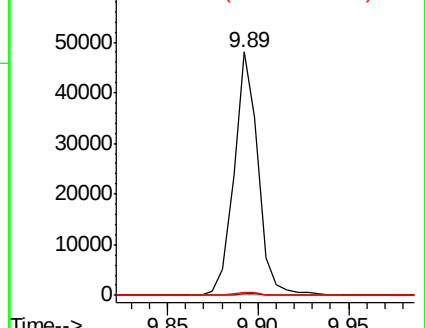
89 1.3 43.0 64.6#



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: 6.596 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

Tgt Ion:165 Resp: 44124

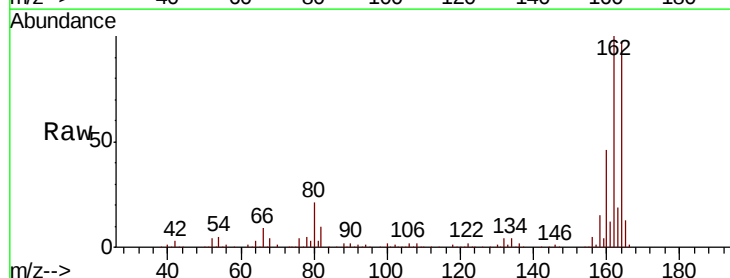
Ion Ratio Lower Upper

165 100

63 0.7 33.2 49.8#

89 1.3 57.3 85.9#

182 0.0 2.1 3.1#

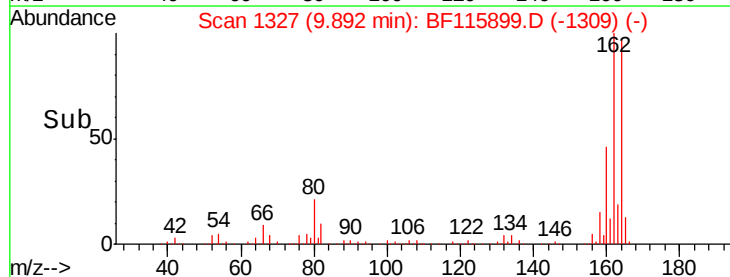
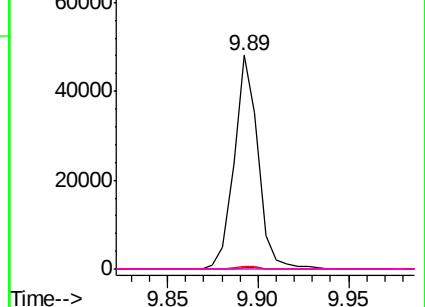


Abundance Ion 165.00 (164.70 to 165.70): E

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

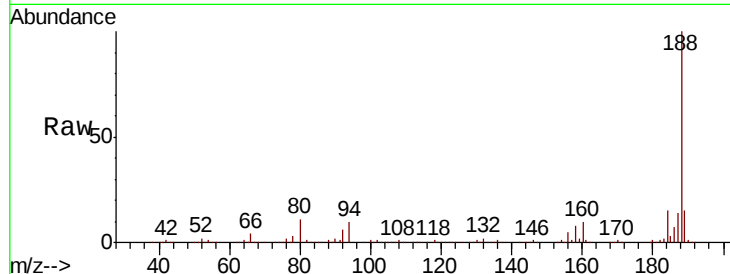




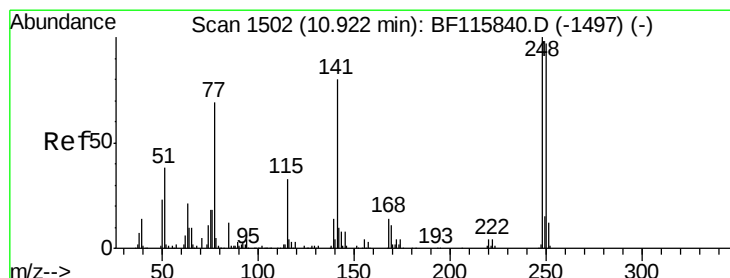
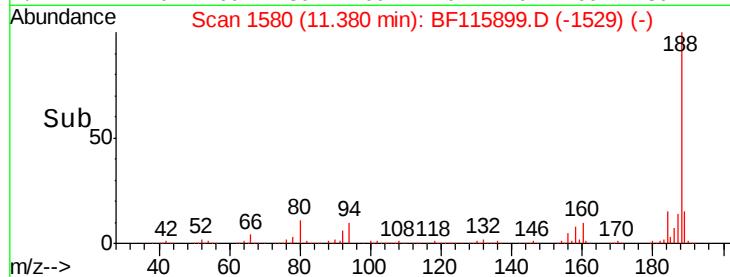
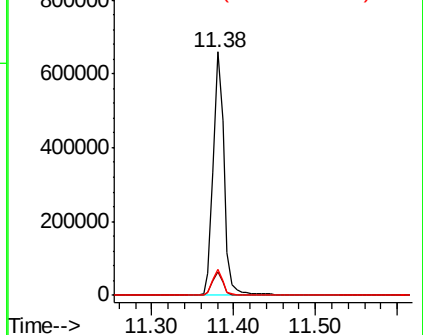
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115899.D
 Acq: 1 Aug 2019 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 614012
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.0 12.0
 80 10.9 8.6 12.8

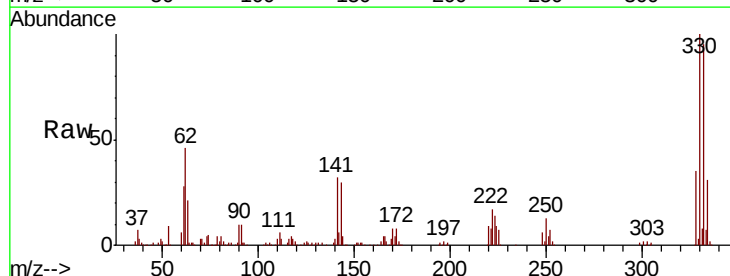


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

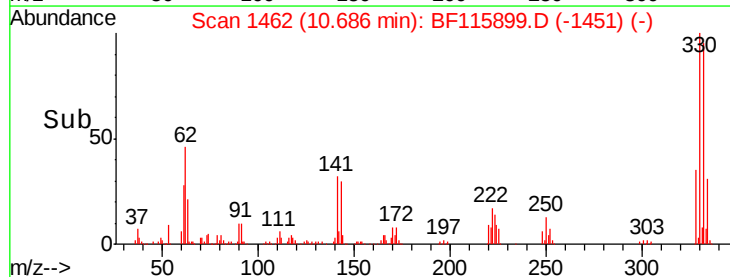
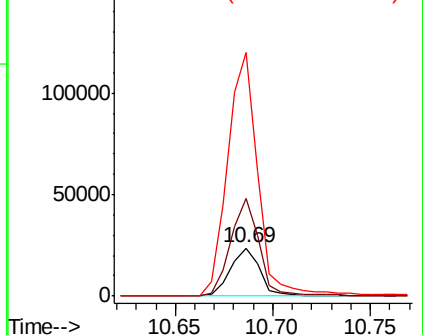


#67
 4-Bromophenyl-phenylether
 Concen: 3.735 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF115899.D
 Acq: 1 Aug 2019 11:22

Tgt Ion:248 Resp: 24548
 Ion Ratio Lower Upper
 248 100
 250 203.2 77.8 116.6#
 141 503.9 64.3 96.5#



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

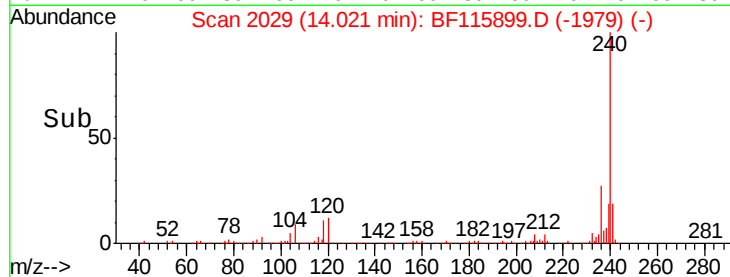
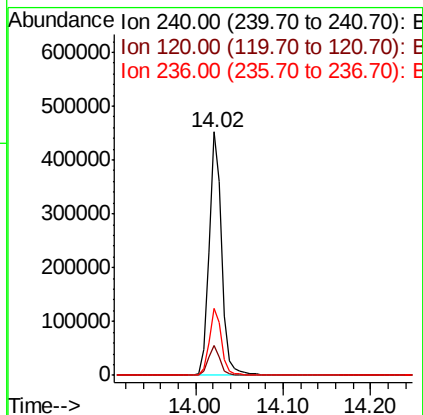
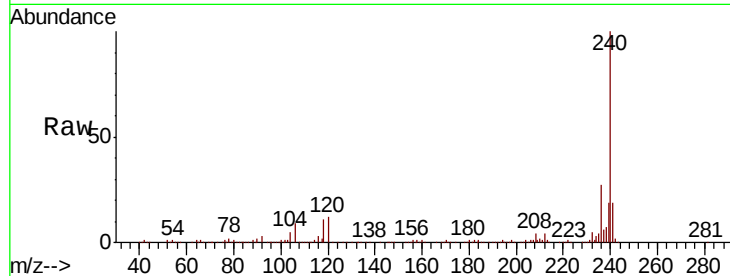




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115899.D
 Acq: 1 Aug 2019 11:22

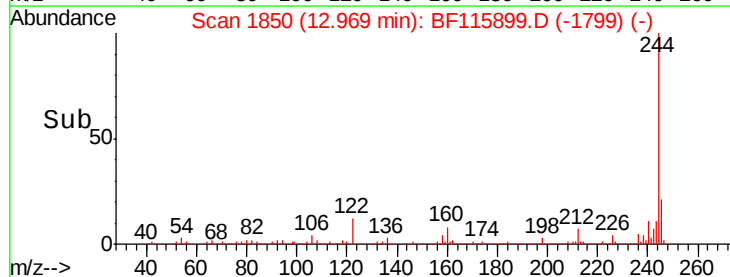
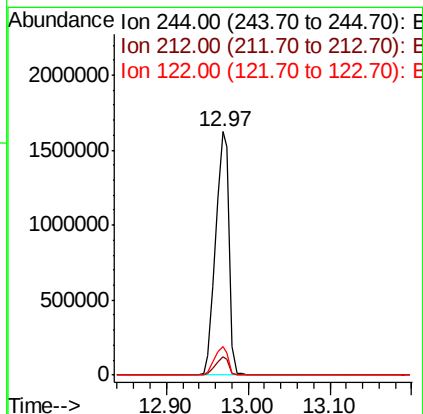
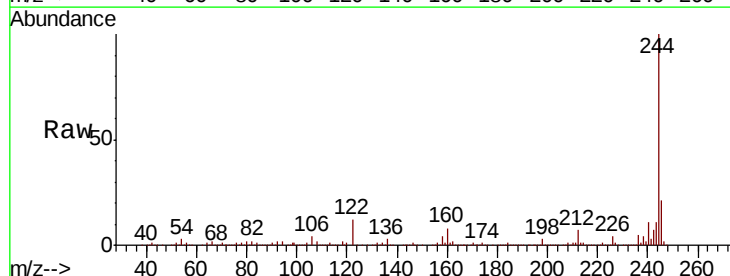
Instrument :
 BNA_F
 ClientSampleId :

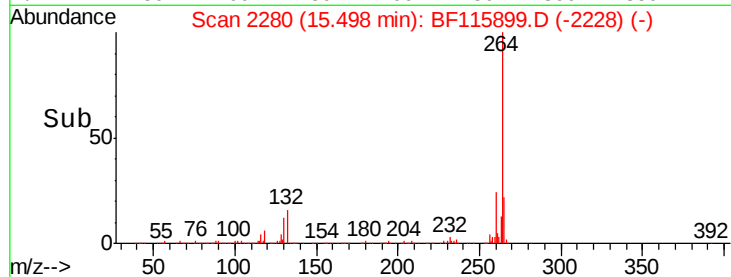
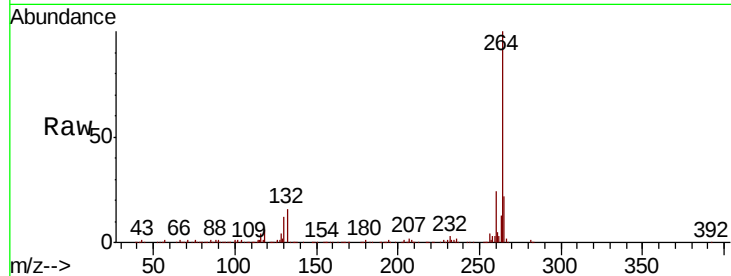
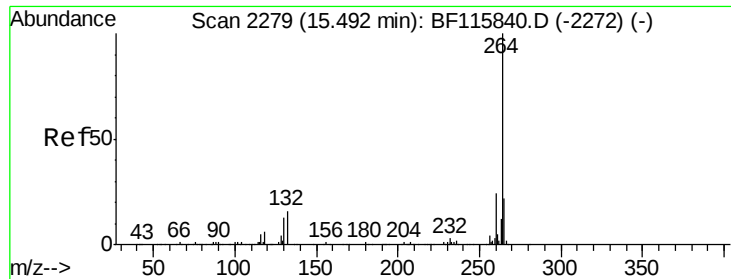
Tot Ion:240 Resp: 448437
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.5 12.7
 236 27.3 22.2 33.2



#79
 Terphenyl-d14
 Concen: 88.064 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115899.D
 Acq: 1 Aug 2019 11:22

Tgt Ion:244 Resp: 1874145
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.9 8.6 13.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115899.D
Acq: 1 Aug 2019 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.2	19.4	29.2	
265	21.5	17.5	26.3	

