

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116203.D
 Acq On : 12 Aug 2019 21:53
 Operator : HP/JU
 Sample : K4085-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-B

Quant Time: Aug 13 01:08:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

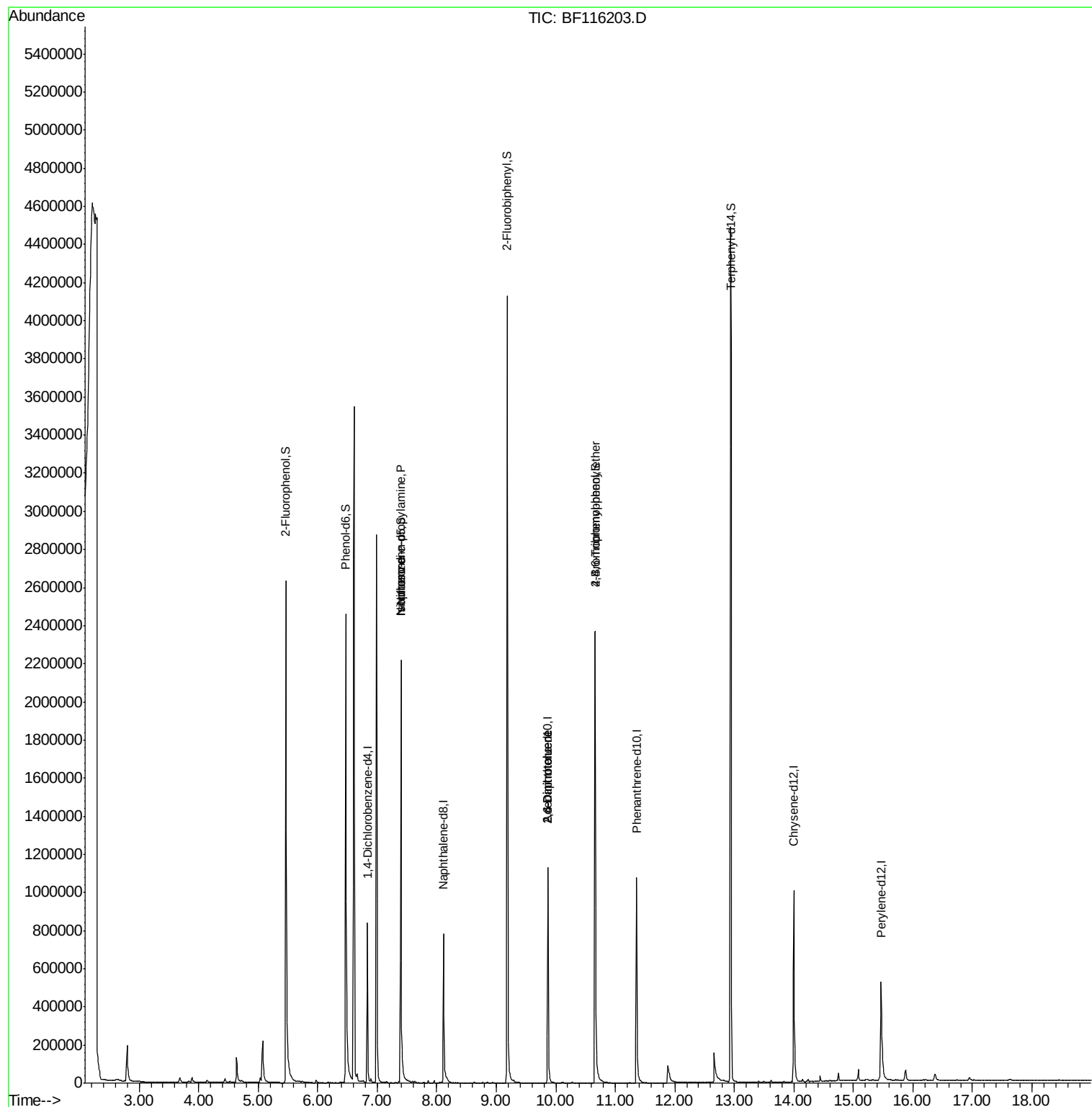
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	123091	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	476097	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	263413	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	511557	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	401247	20.00	ng	-0.01
87) Perylene-d12	15.47	264	347567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	902413	122.73	ng	0.00
7) Phenol-d6	6.47	99	1065431	114.85	ng	-0.01
23) Nitrobenzene-d5	7.40	82	833615	101.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	398306	155.96	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1443386	102.64	ng	-0.02
79) Terphenyl-d14	12.94	244	1848039	97.05	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	109820	19.104	ng	# 78
25) Isophorone	7.40	82	833610	52.856	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	33504	8.596	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	33505	6.456	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	23860	4.357	ng	# 1

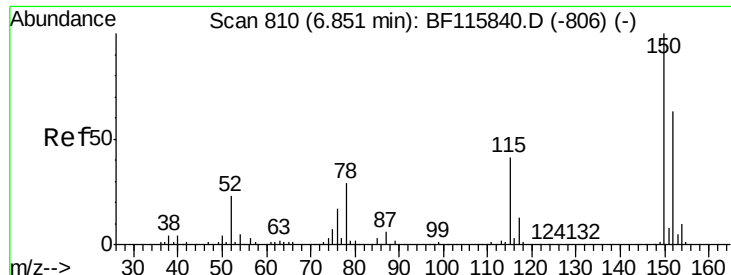
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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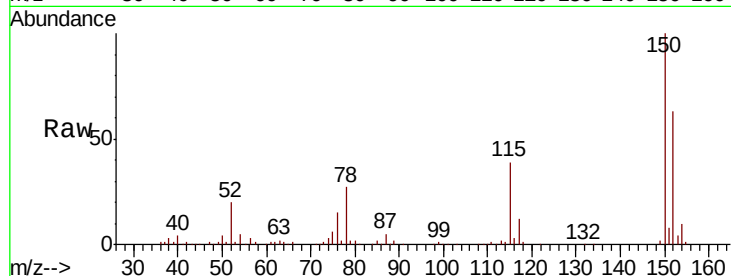




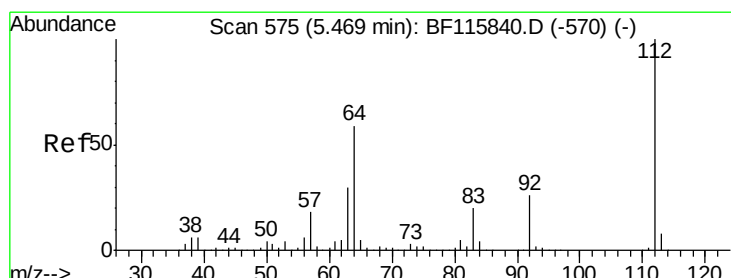
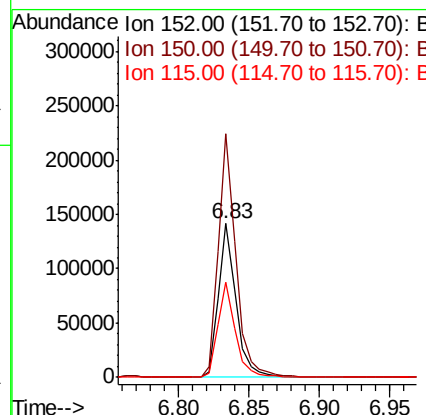
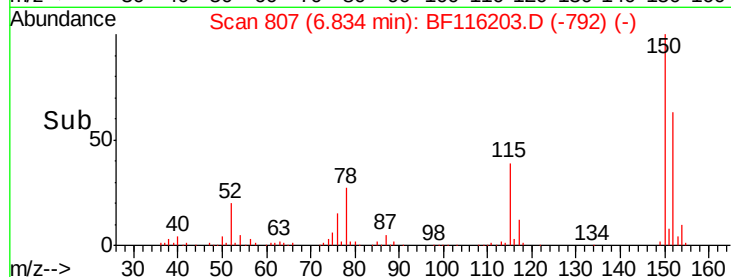
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-B

Tot Ion:152 Resp: 123091
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.2 189.2
 115 61.6 49.9 74.9

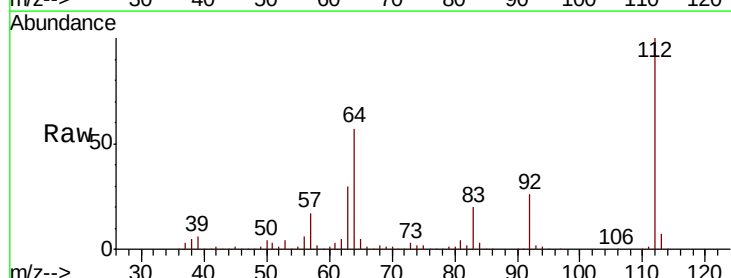


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

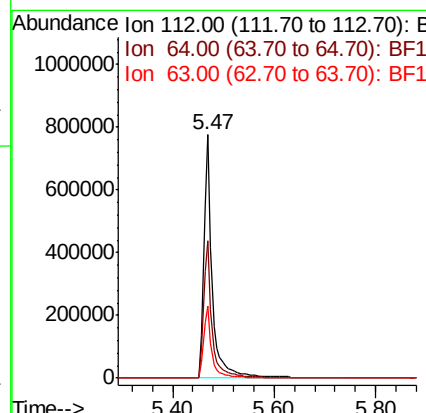
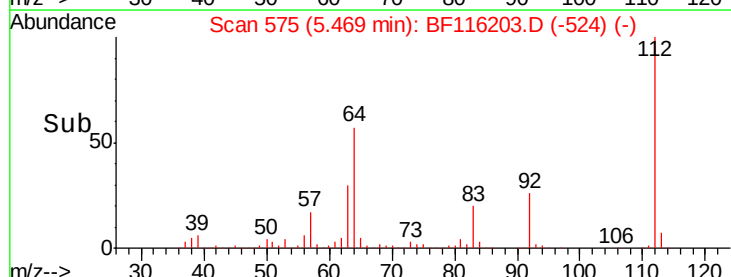


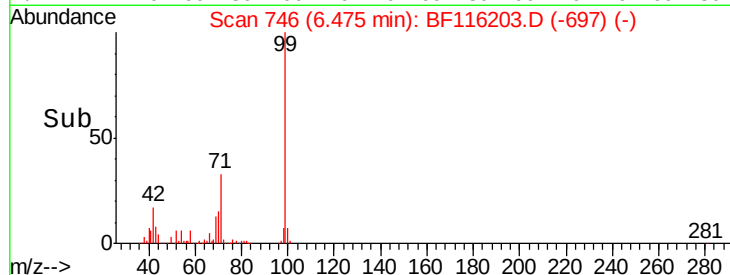
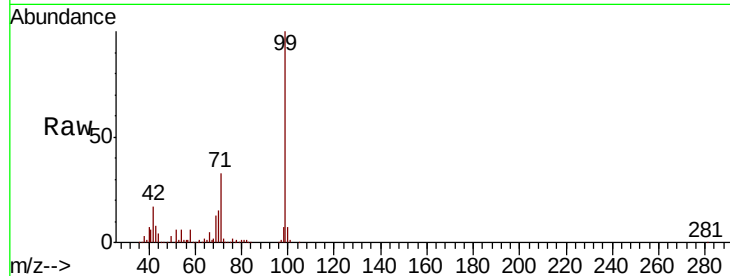
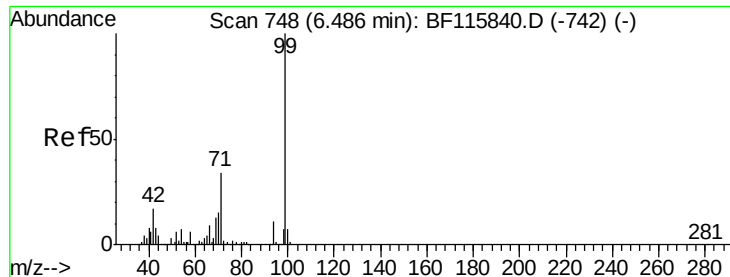
#5
 2-Fluorophenol
 Concen: 122.730 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

Tgt Ion:112 Resp: 902413
 Ion Ratio Lower Upper
 112 100
 64 56.7 45.4 68.2
 63 29.7 23.7 35.5



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: 114.848 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-B

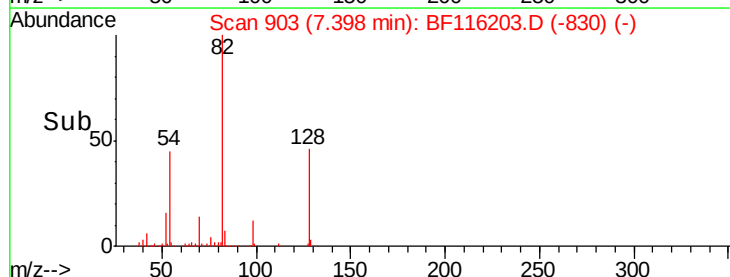
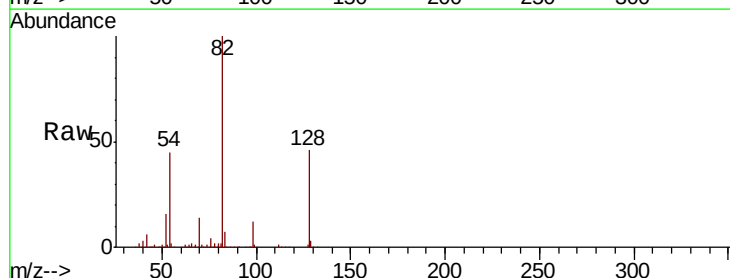
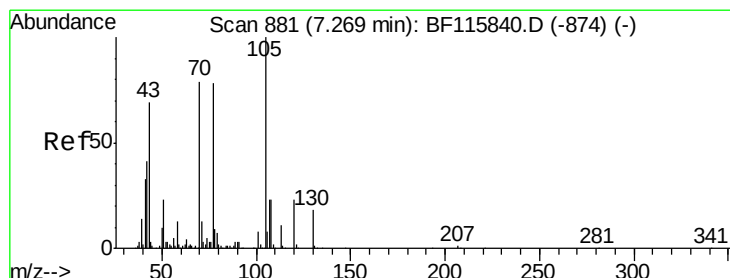
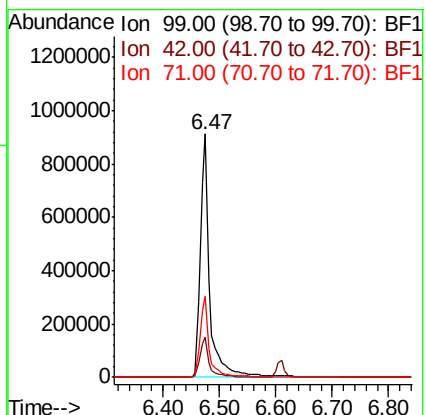
Tot Ion: 99 Resp: 1065431

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

71 33.2 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 19.104 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

Tgt Ion: 70 Resp: 109820

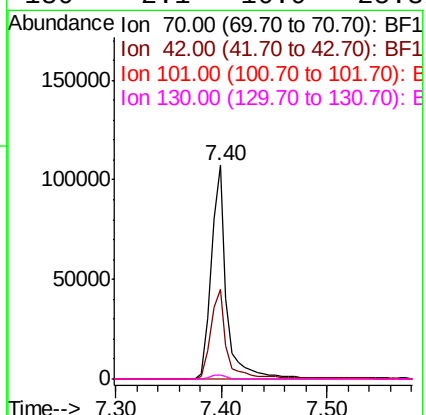
Ion Ratio Lower Upper

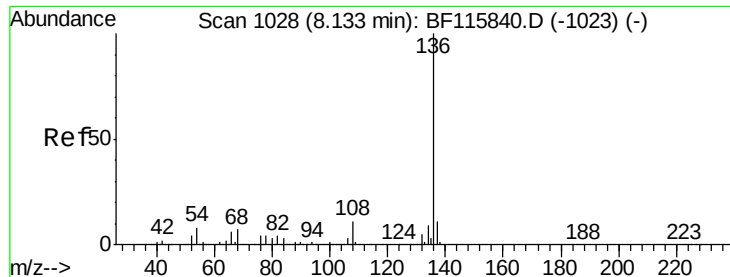
70 100

42 42.1 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-B

Tot Ion:136 Resp: 476097

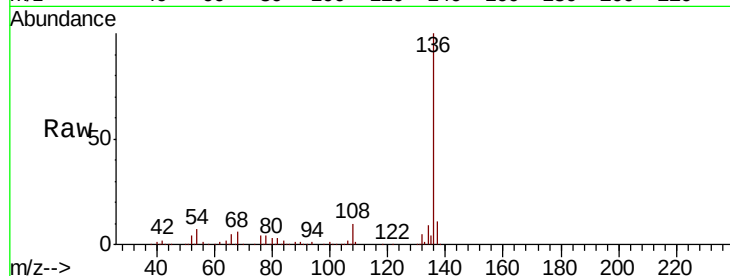
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.6 5.8 8.6

68 5.9 5.2 7.8

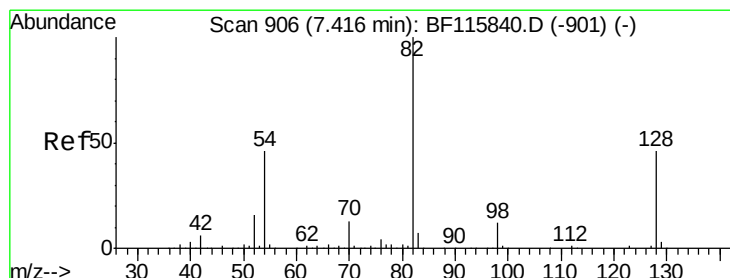
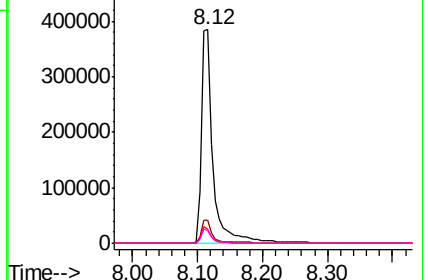
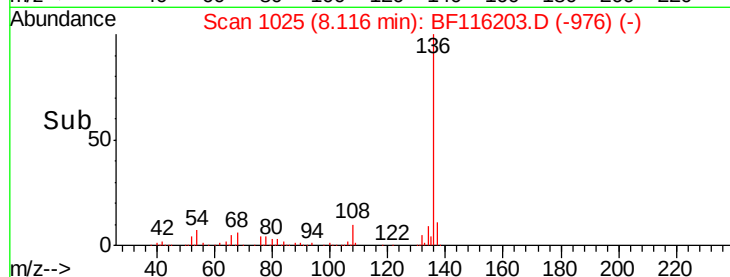


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.069 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

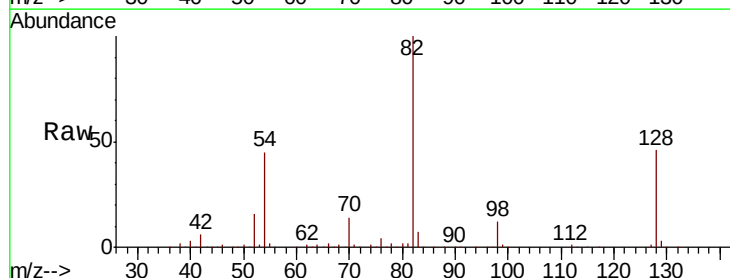
Tgt Ion: 82 Resp: 833615

Ion Ratio Lower Upper

82 100

128 45.9 36.5 54.7

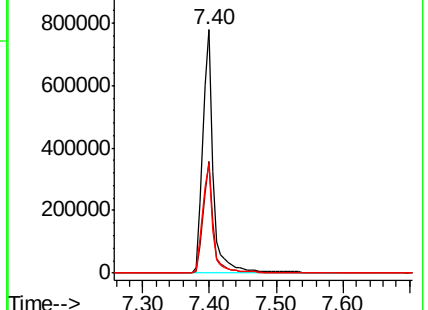
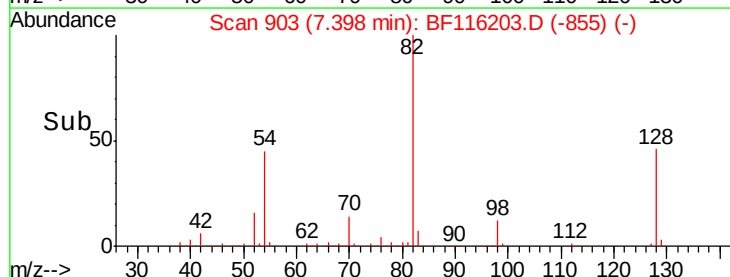
54 44.8 36.0 54.0

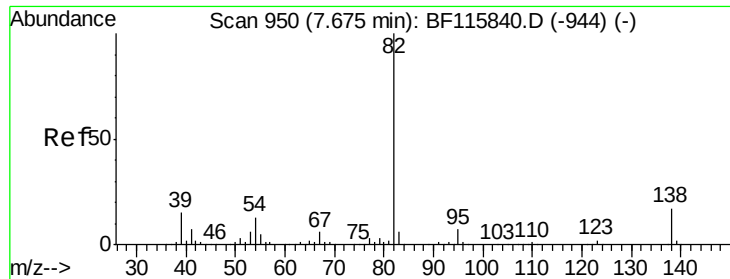


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.856 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

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HR-05-080919-B

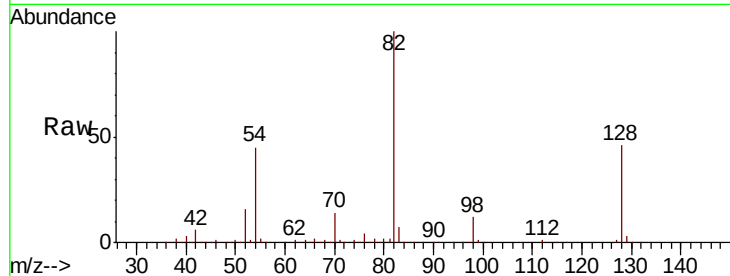
Tot Ion: 82 Resp: 833610

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

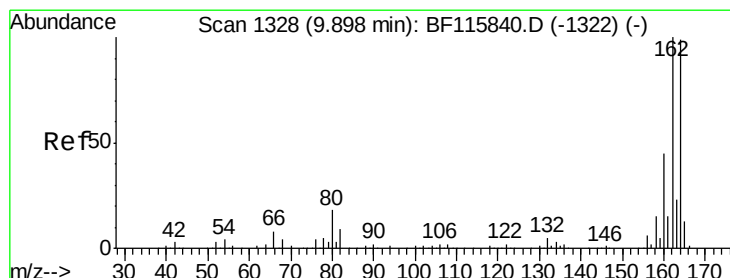
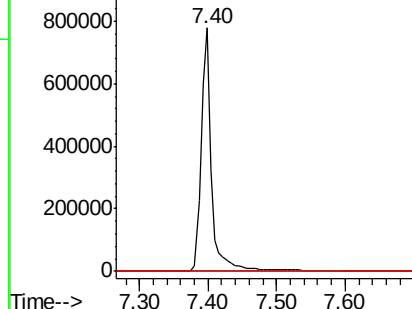
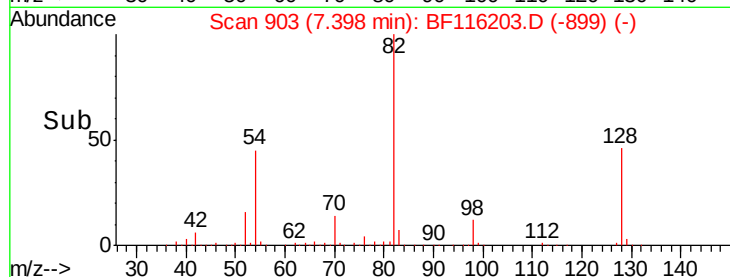
138 0.0 14.5 21.7#



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# 1323

Delta R.T. -0.02 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

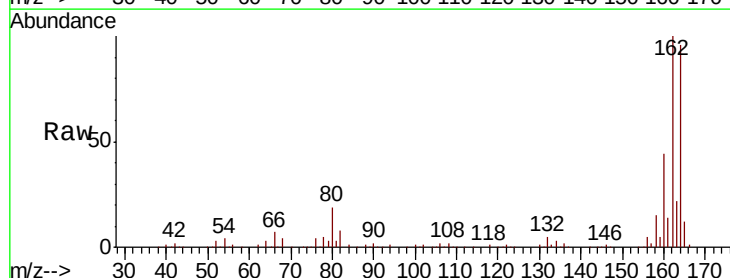
Tgt Ion: 164 Resp: 263413

Ion Ratio Lower Upper

164 100

162 103.9 82.6 124.0

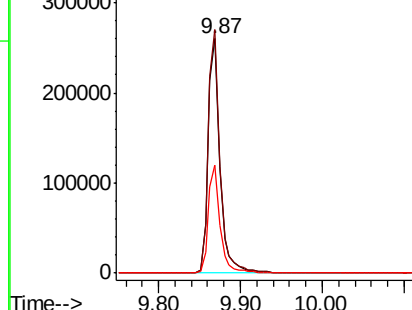
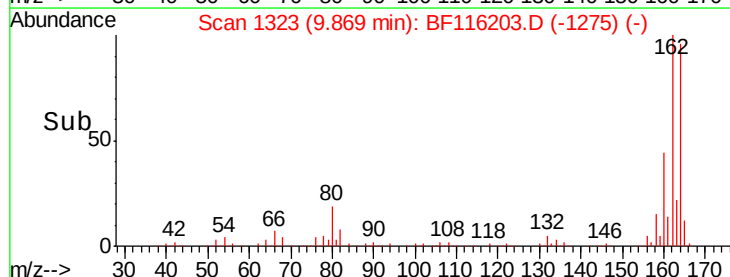
160 46.0 37.6 56.4

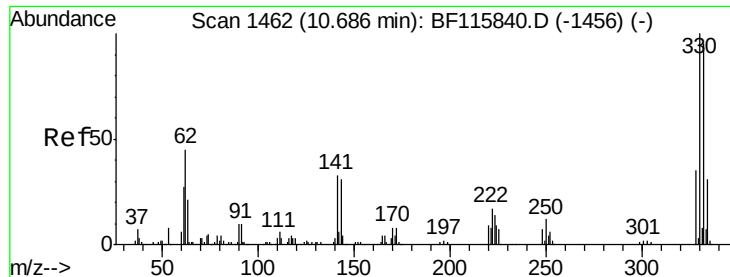


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

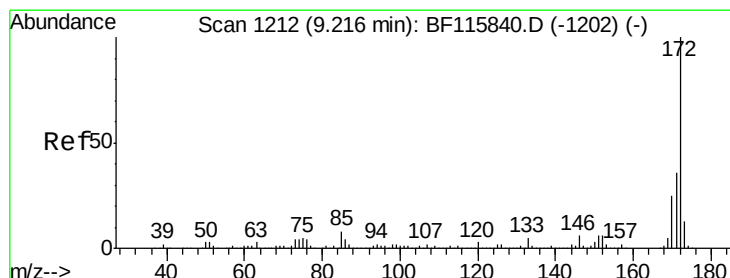
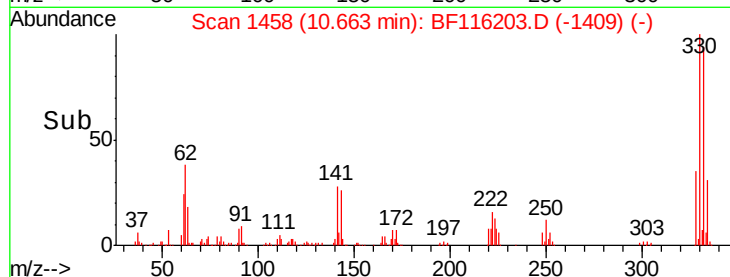
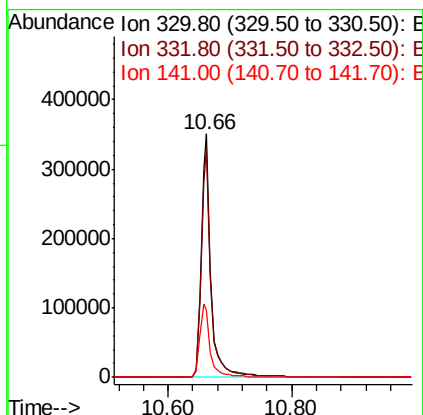
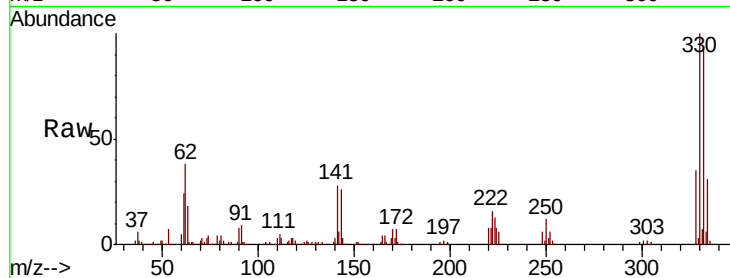




#42
 2,4,6-Tribromophenol
 Concen: 155.962 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

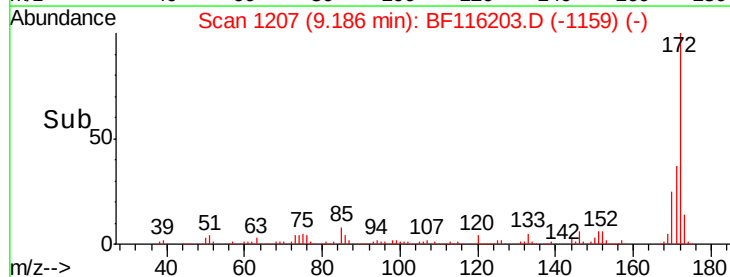
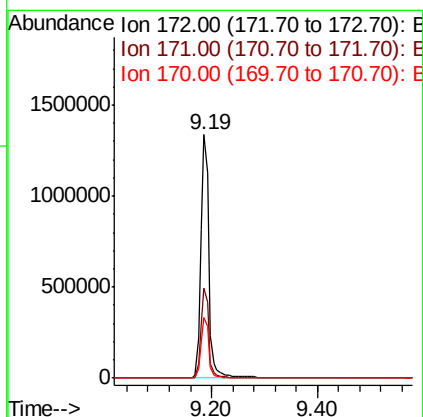
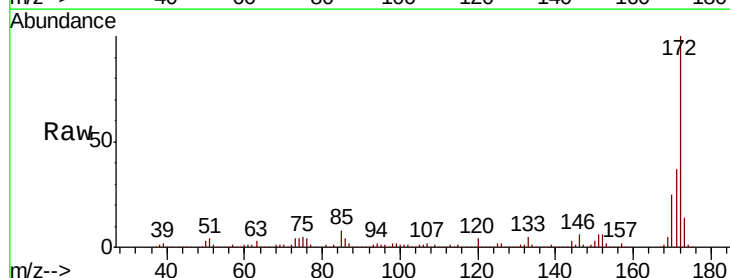
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 BNA_F
 ClientSampleId :
 HR-05-080919-B

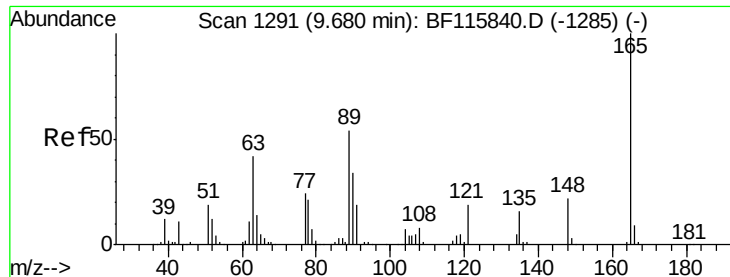
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.8	115.2
141	33.0	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 102.636 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	25.1	20.1	30.1

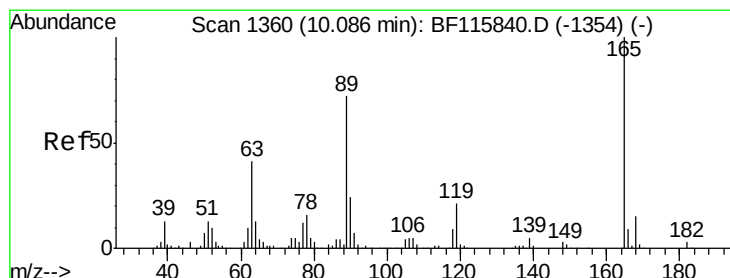
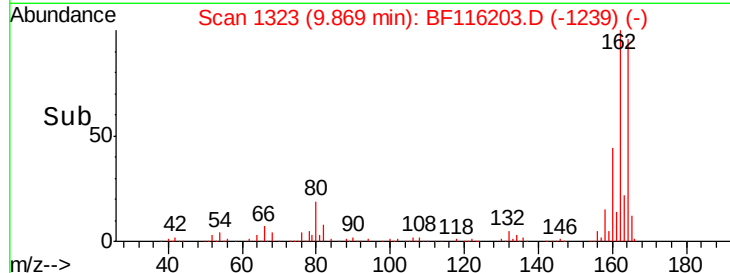
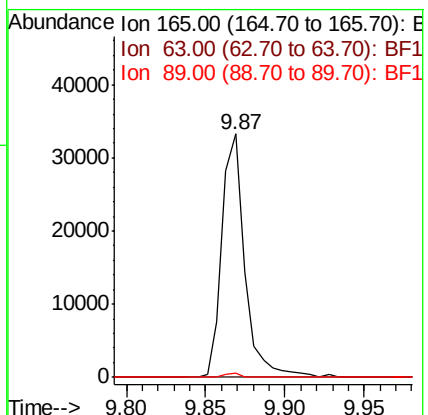
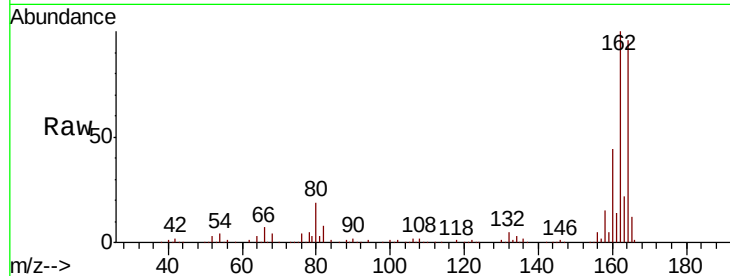




#51
 2,6-Dinitrotoluene
 Concen: 8.596 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

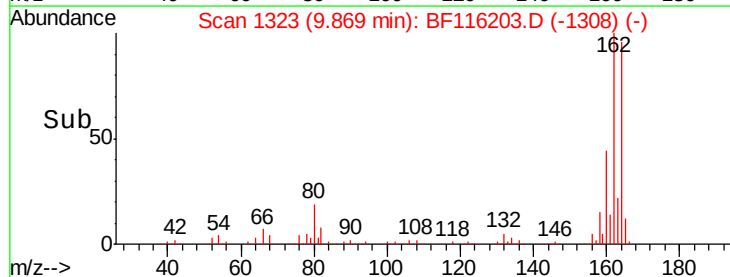
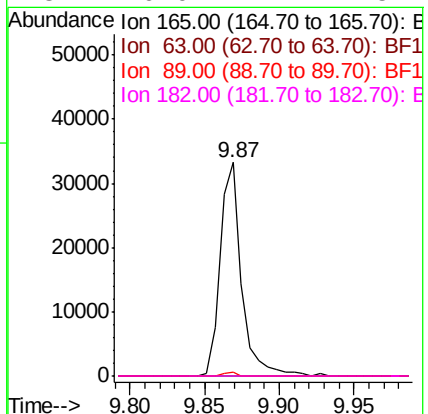
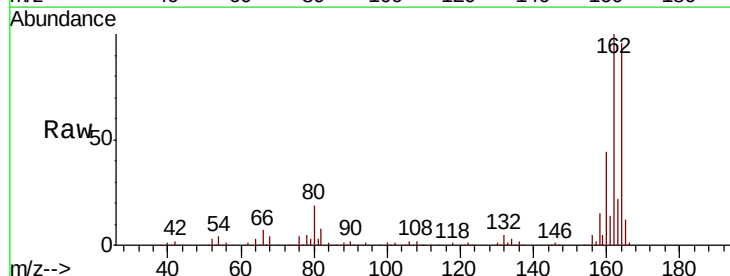
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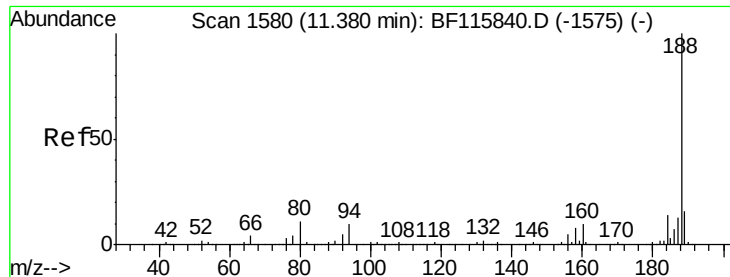
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.2	57.2#
89	1.5	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.456 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.6	59.4#
89	1.5	62.2	93.2#
182	0.0	2.1	3.1#

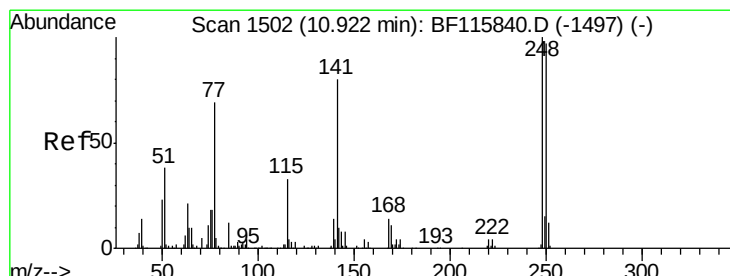
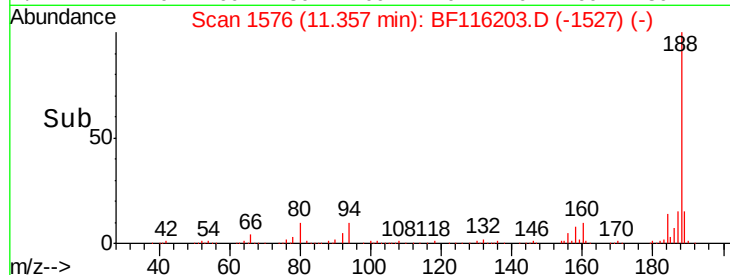
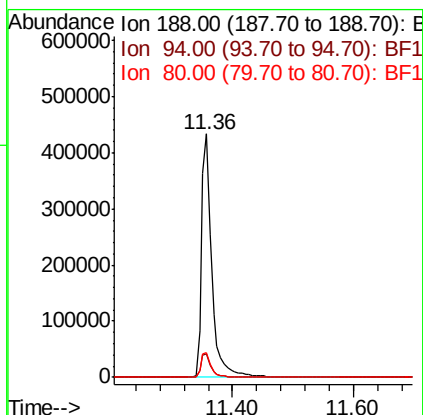
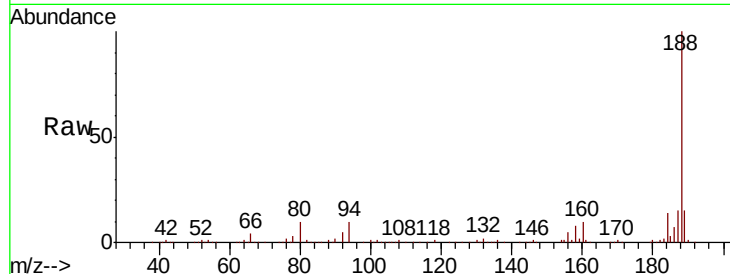




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

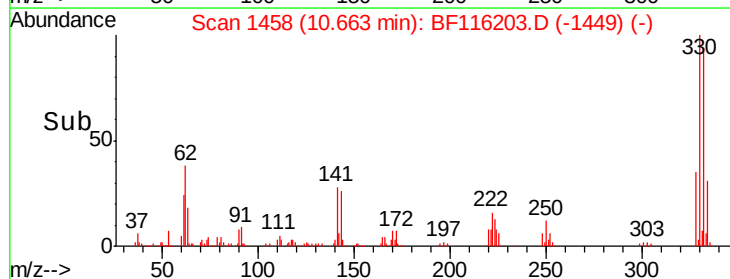
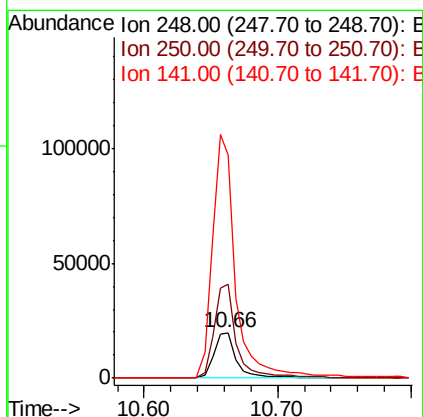
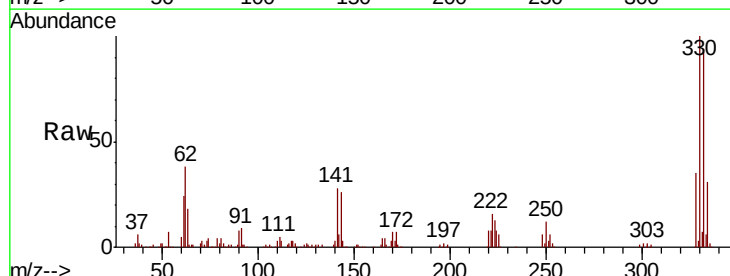
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-B

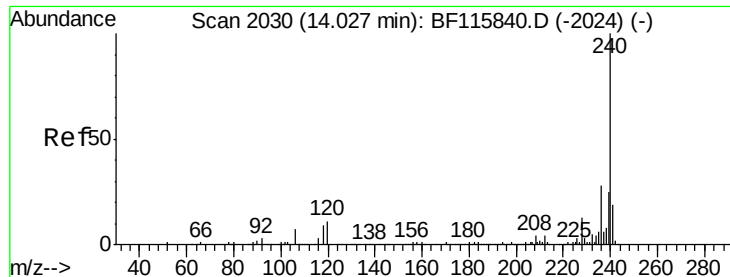
Tot Ion:188 Resp: 511557
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.1 12.1
 80 10.1 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.357 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

Tgt Ion:248 Resp: 23860
 Ion Ratio Lower Upper
 248 100
 250 206.7 77.4 116.2#
 141 488.6 56.8 85.2#

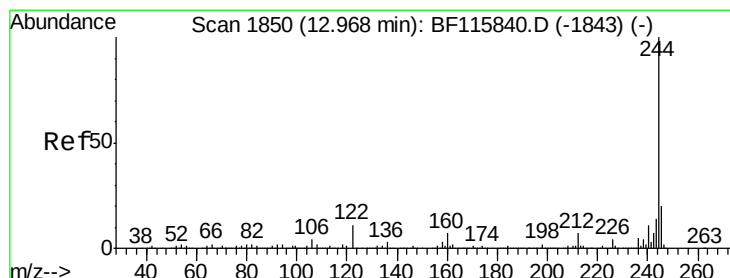
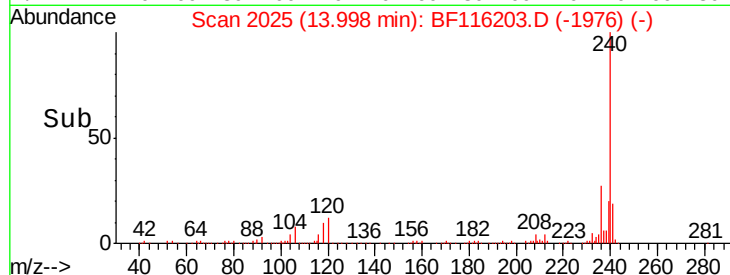
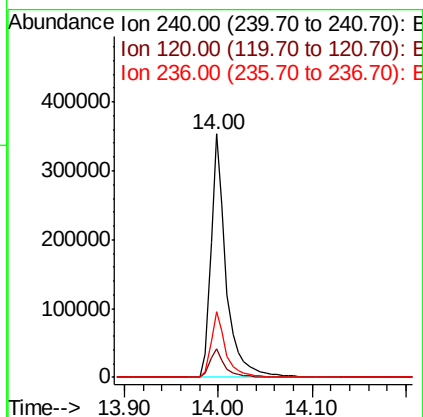
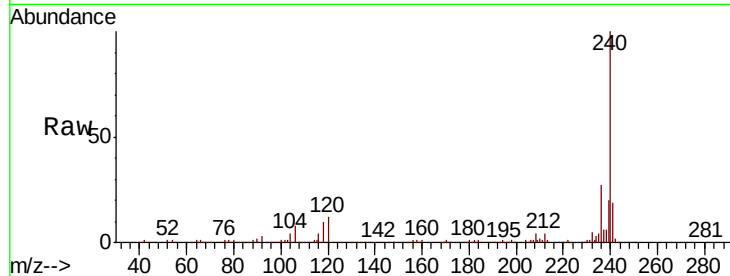




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116203.D
Acq: 12 Aug 2019 21:53

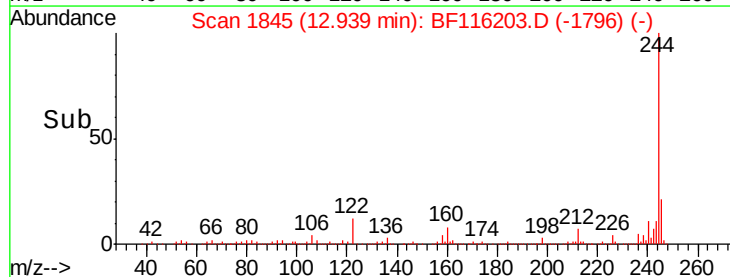
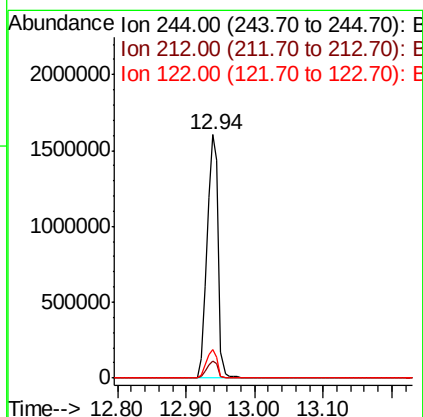
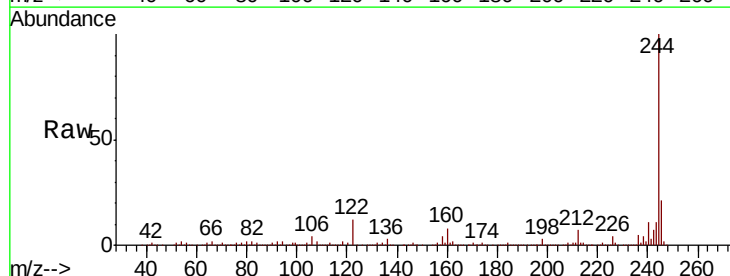
Instrument :
BNA_F
ClientSampleId :
HR-05-080919-B

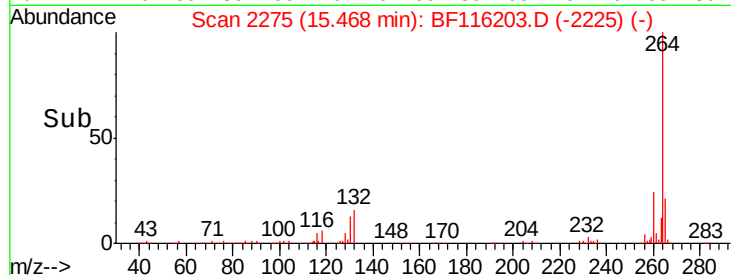
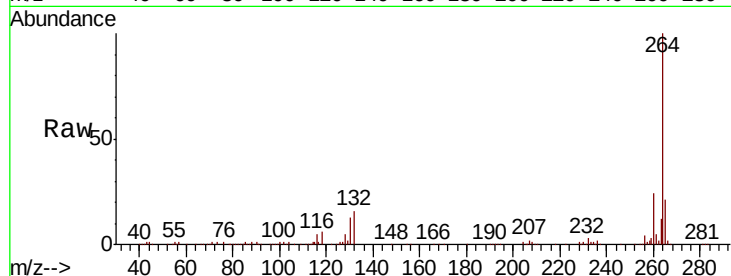
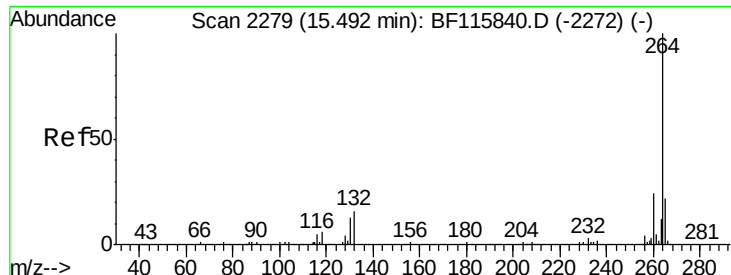
Tot Ion:240 Resp: 401247
Ion Ratio Lower Upper
240 100
120 12.0 10.7 16.1
236 26.9 22.2 33.2



#79
Terphenyl-d14
Concen: 97.051 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116203.D
Acq: 12 Aug 2019 21:53

Tgt Ion:244 Resp: 1848039
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.6 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-B

Tot Ion:	264	Resp:	347567
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.7	29.5
265	21.1	17.4	26.0

