

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116399.D
 Acq On : 19 Aug 2019 20:34
 Operator : HP/JU
 Sample : K4272-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-G1-G4-(1)

Quant Time: Aug 20 01:42:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

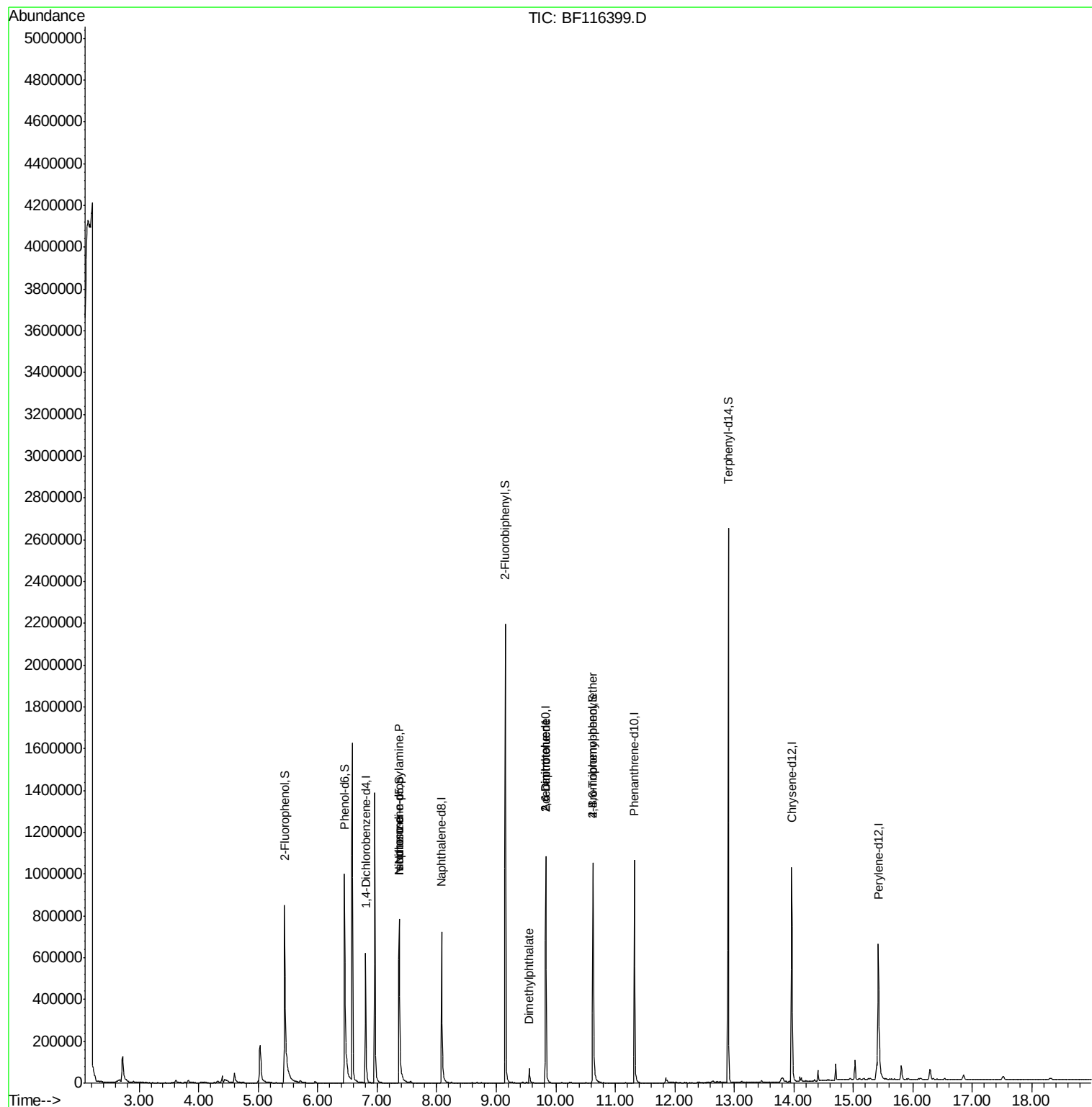
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97987	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	403420	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	218521	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	419143	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	379692	20.00	ng	-0.02
87) Perylene-d12	15.42	264	388480	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	446494	76.28	ng	0.00
7) Phenol-d6	6.45	99	565726	76.61	ng	-0.01
23) Nitrobenzene-d5	7.37	82	356925	51.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	164243	77.52	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	674104	57.78	ng	-0.02
79) Terphenyl-d14	12.90	244	882036	48.95	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	45790	10.006	ng	# 80
25) Isophorone	7.37	82	356925	26.708	ng	# 65
50) Dimethylphthalate	9.56	163	40412	2.716	ng	100
51) 2,6-Dinitrotoluene	9.83	165	28123	8.698	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	28123	6.533	ng	# 19
67) 4-Bromophenyl-phenylether	10.62	248	9720	2.166	ng	# 1

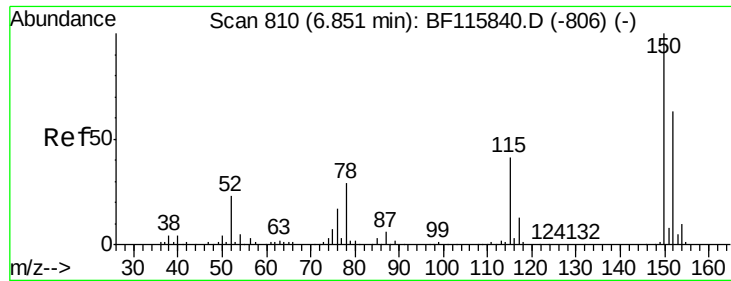
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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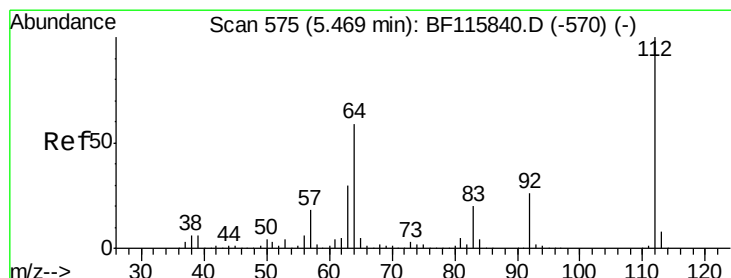
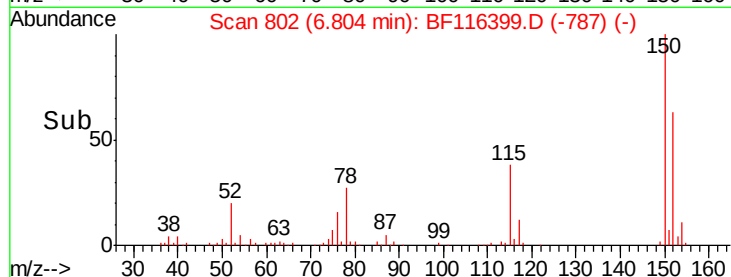
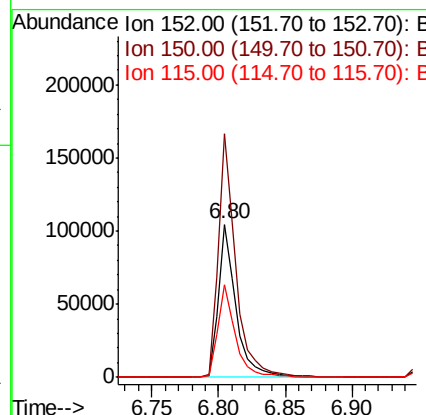
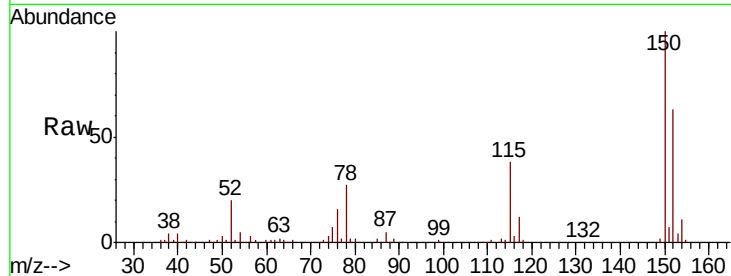




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116399.D
 Acq: 19 Aug 2019 20:34

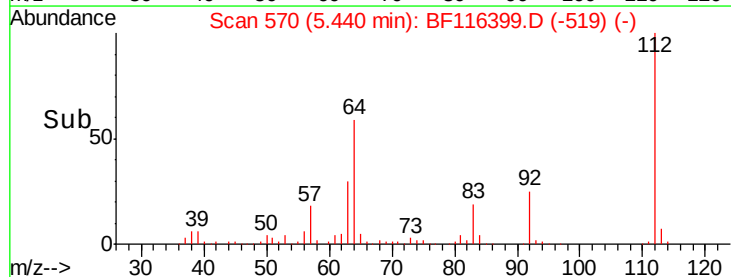
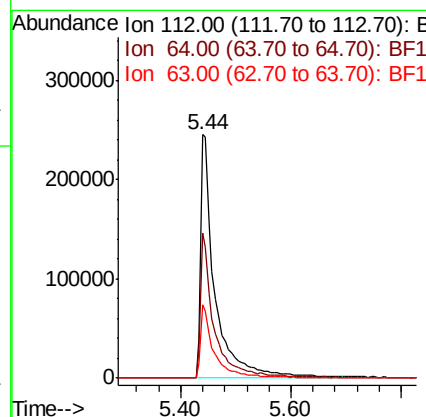
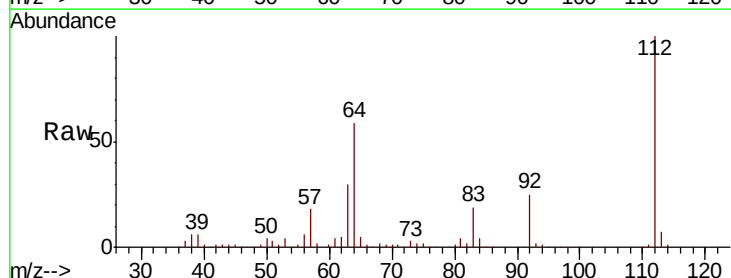
Instrument :
 BNA_F
 ClientSampleId :
 2S-G1-G4-(1)

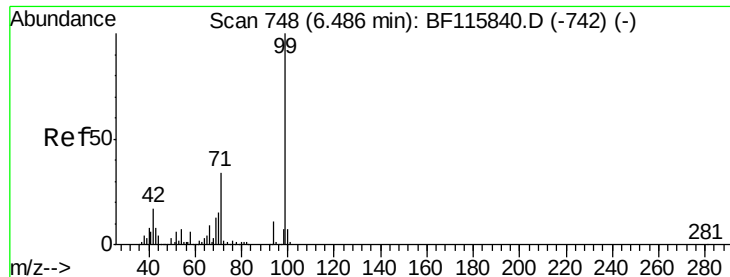
Tgt Ion:152 Resp: 97987
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.2 189.2
 115 60.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 76.281 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF116399.D
 Acq: 19 Aug 2019 20:34

Tgt Ion:112 Resp: 446494
 Ion Ratio Lower Upper
 112 100
 64 59.4 45.4 68.2
 63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 76.606 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

Instrument :

BNA_F

ClientSampleId :

2S-G1-G4-(1)

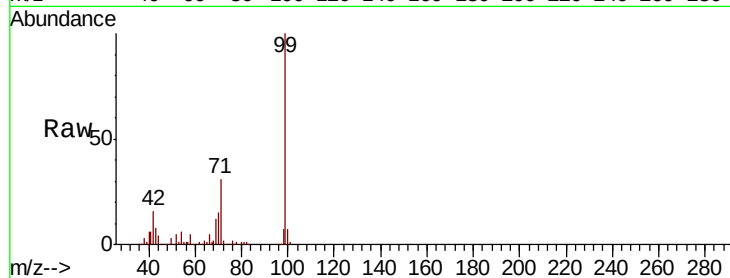
Tgt Ion: 99 Resp: 565726

Ion Ratio Lower Upper

99 100

42 15.8 13.8 20.8

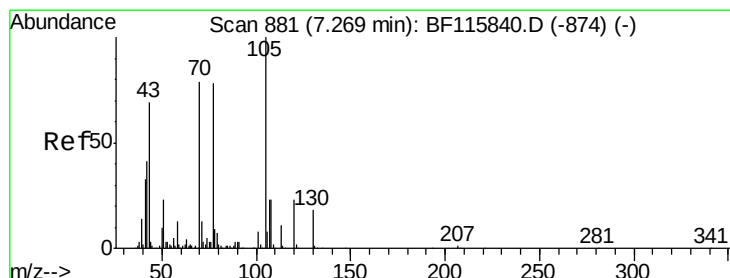
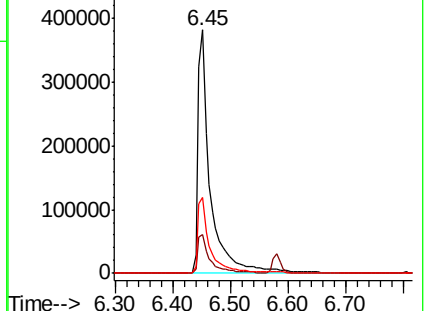
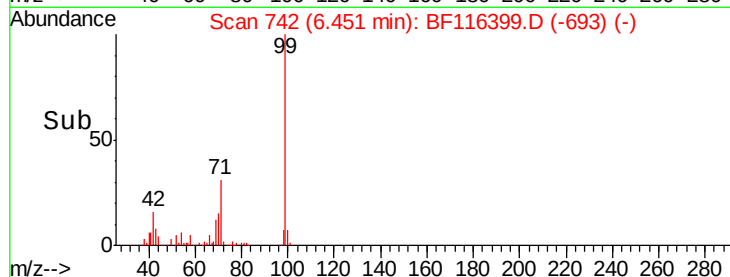
71 31.5 27.3 40.9



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: 10.006 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

Tgt Ion: 70 Resp: 45790

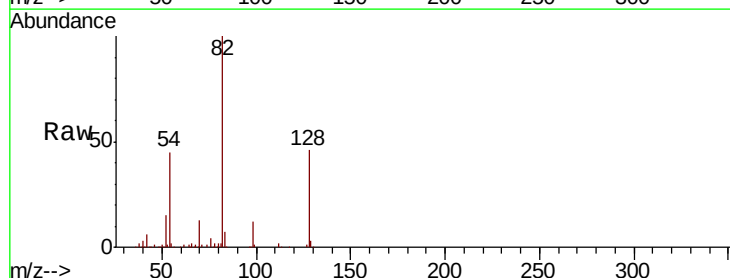
Ion Ratio Lower Upper

70 100

42 43.9 40.9 61.3

101 0.0 7.9 11.9#

130 2.5 16.9 25.3#

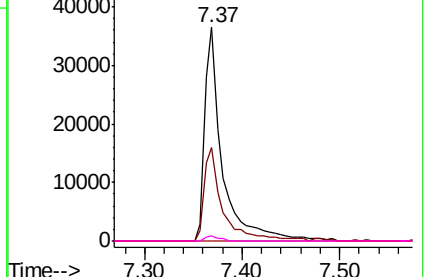
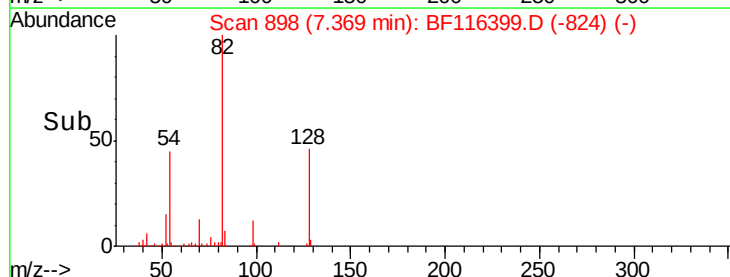


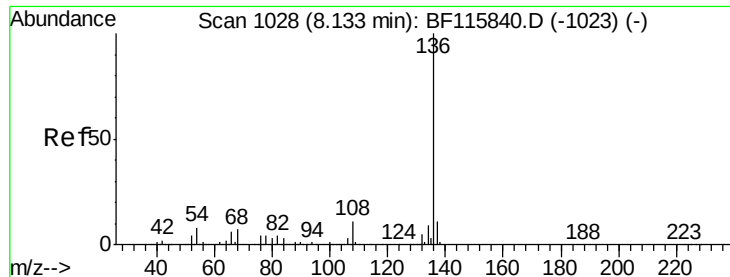
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

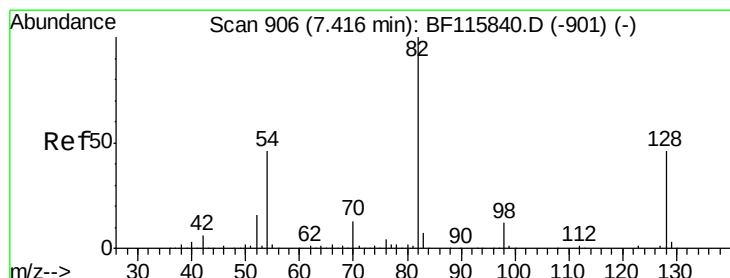
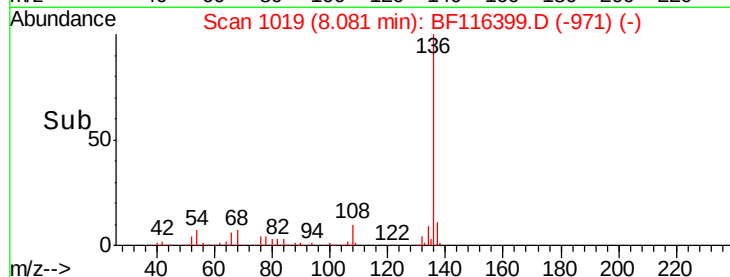
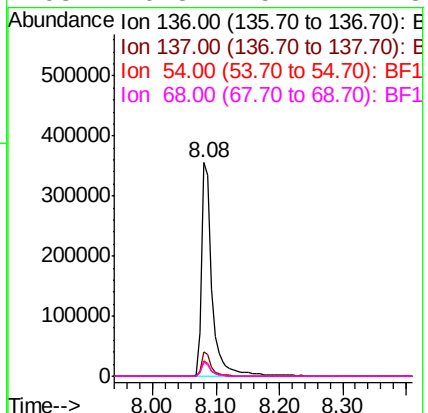
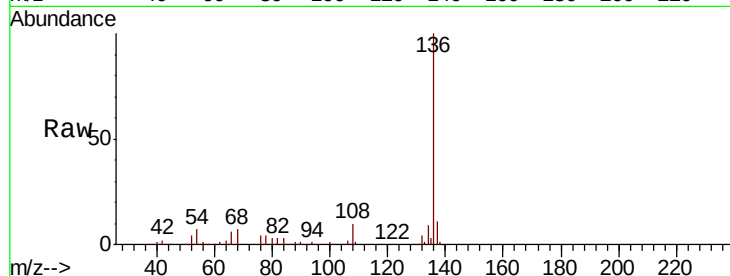




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116399.D
Acq: 19 Aug 2019 20:34

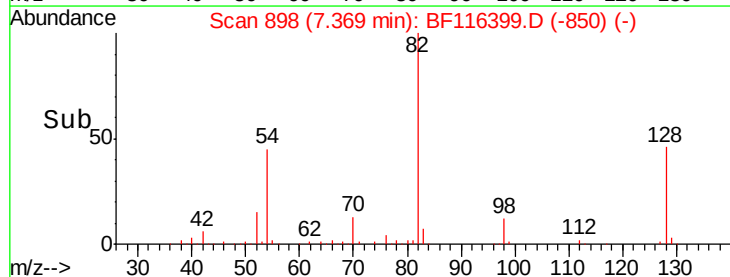
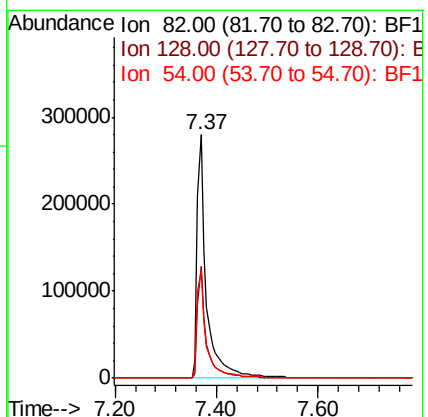
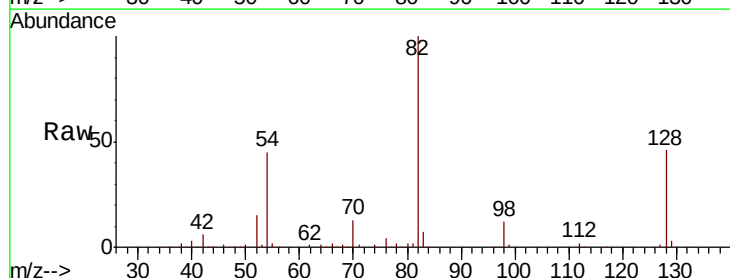
Instrument :
BNA_F
ClientSampleId :
2S-G1-G4-(1)

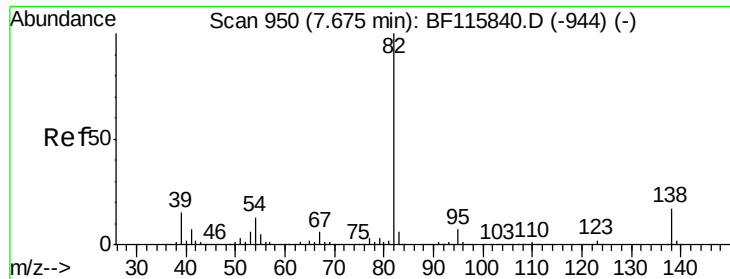
Tgt Ion:	136	Resp:	403420
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.5	5.8	8.6
68	6.8	5.2	7.8



#23
Nitrobenzene-d5
Concen: 51.070 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116399.D
Acq: 19 Aug 2019 20:34

Tgt Ion:	82	Resp:	356925
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.5	54.7
54	44.6	36.0	54.0





#25

Isophorone

Concen: 26.708 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

Instrument :

BNA_F

ClientSampleId :

2S-G1-G4-(1)

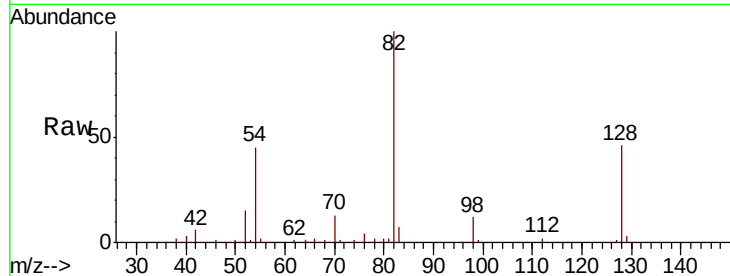
Tgt Ion: 82 Resp: 356925

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

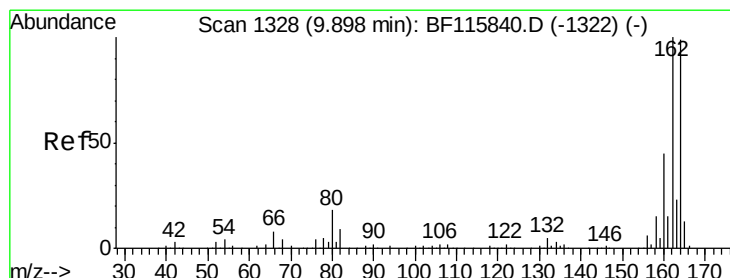
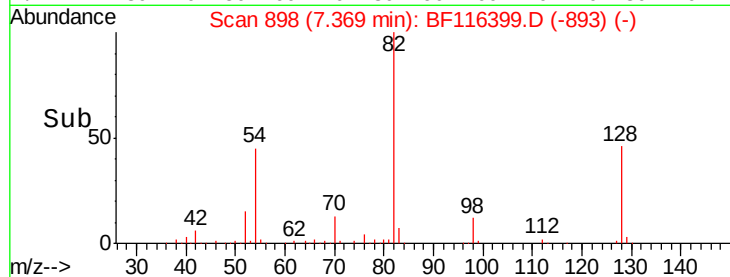
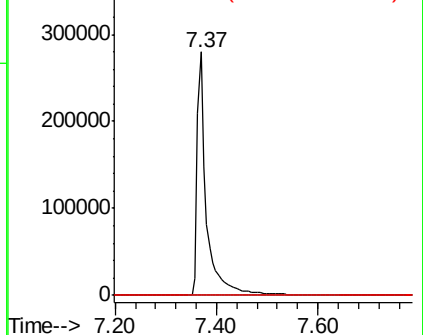
138 0.0 14.5 21.7#



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

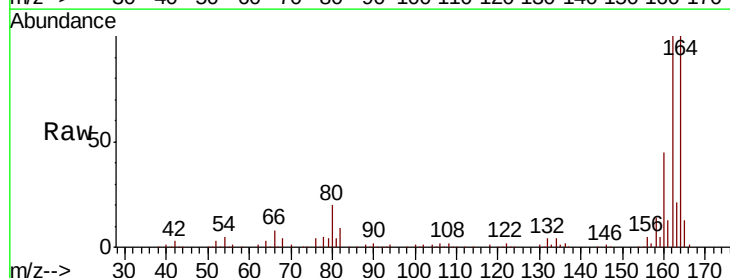
Tgt Ion: 164 Resp: 218521

Ion Ratio Lower Upper

164 100

162 100.4 82.6 124.0

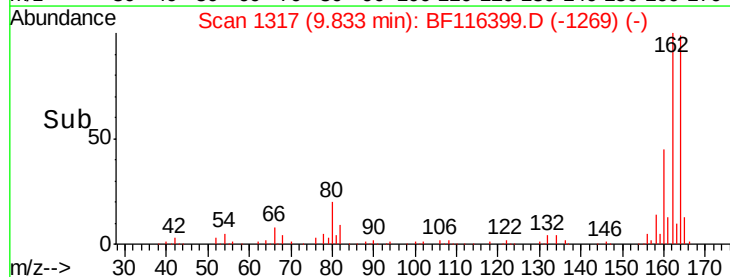
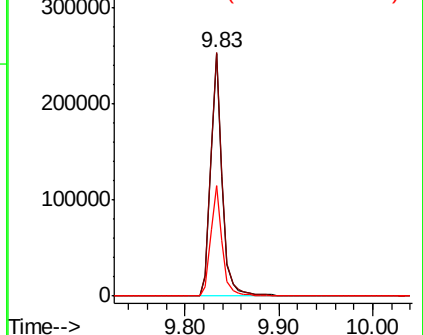
160 45.5 37.6 56.4

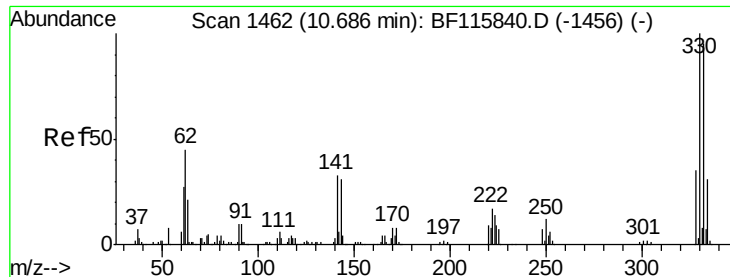


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 77.524 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

Instrument :

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ClientSampleId :

2S-G1-G4-(1)

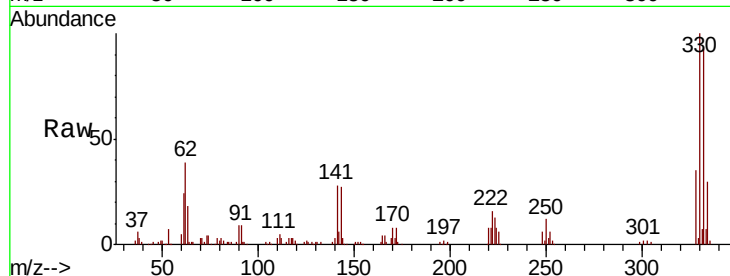
Tgt Ion:330 Resp: 164243

Ion Ratio Lower Upper

330 100

332 93.6 76.8 115.2

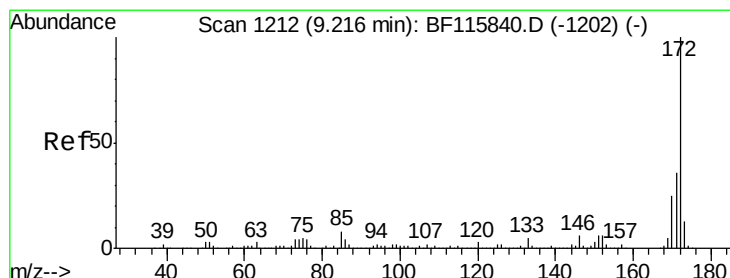
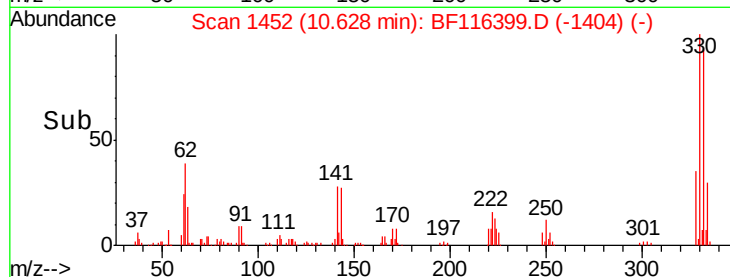
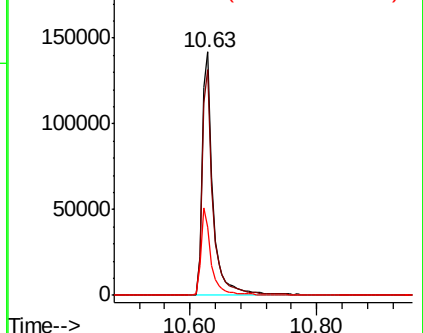
141 34.0 26.3 39.5



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: 57.781 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

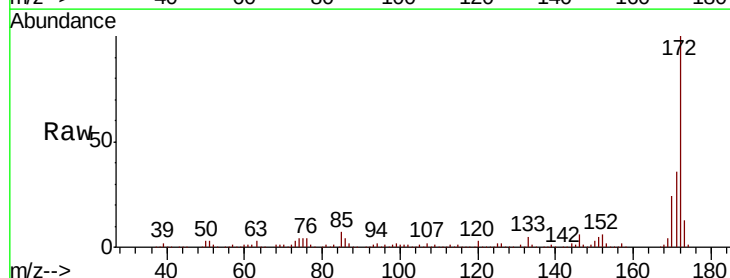
Tgt Ion:172 Resp: 674104

Ion Ratio Lower Upper

172 100

171 35.6 29.6 44.4

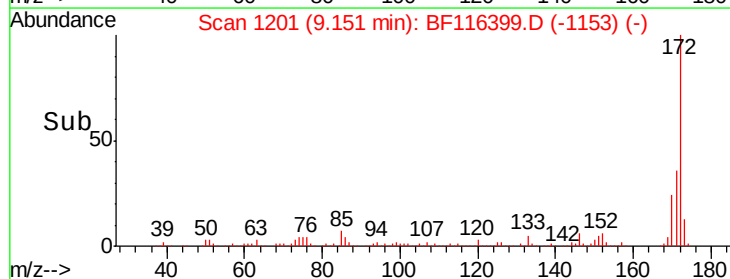
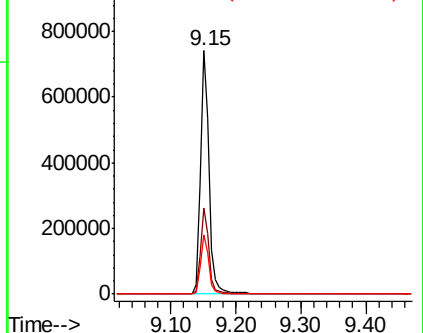
170 24.4 20.1 30.1

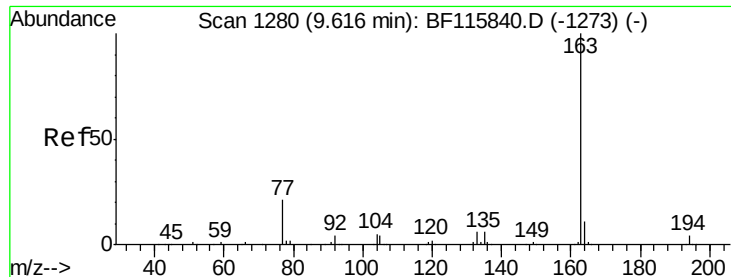


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

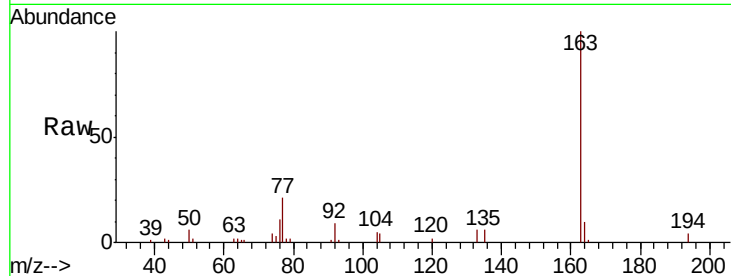




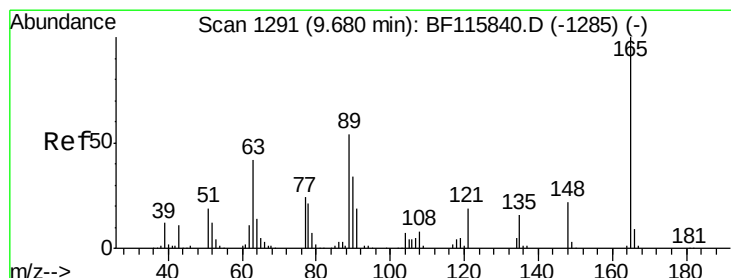
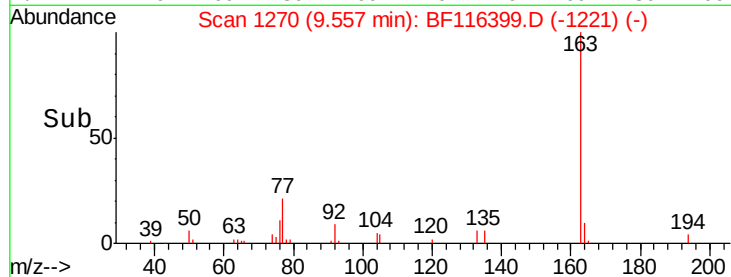
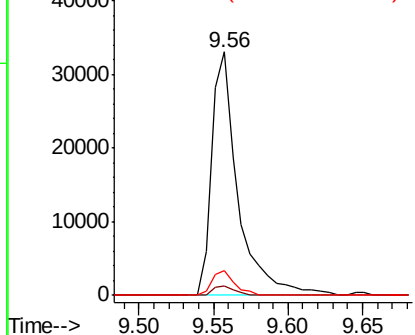
#50
Dimethylphthalate
Concen: 2.716 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF116399.D
Acq: 19 Aug 2019 20:34

Instrument :
BNA_F
ClientSampleId :
2S-G1-G4-(1)

Tgt Ion:163 Resp: 40412
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.4 12.6

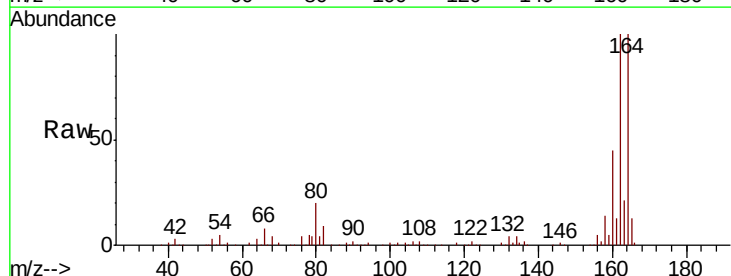


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

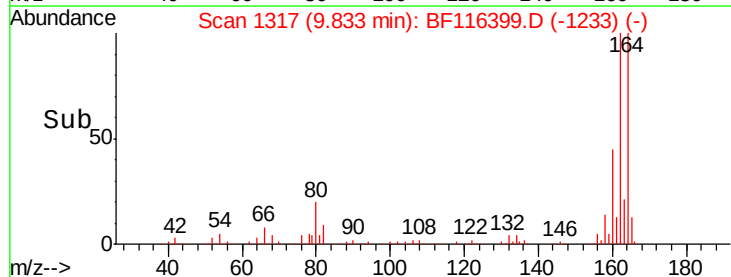
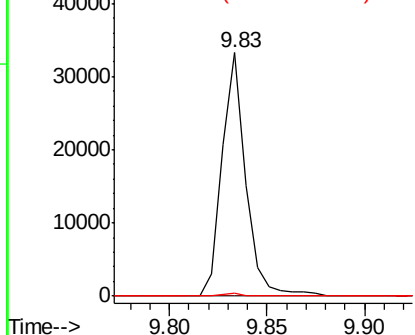


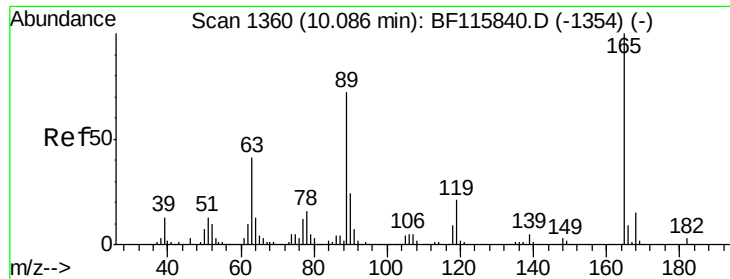
#51
2,6-Dinitrotoluene
Concen: 8.698 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.19 min
Lab File: BF116399.D
Acq: 19 Aug 2019 20:34

Tgt Ion:165 Resp: 28123
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.2#
89 1.0 42.9 64.3#



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: 6.533 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.22 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

Instrument :

BNA_F

ClientSampleId :

2S-G1-G4-(1)

Tgt Ion:165 Resp: 28123

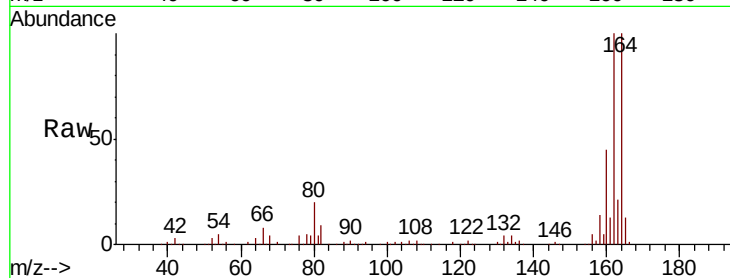
Ion Ratio Lower Upper

165 100

63 0.0 39.6 59.4#

89 1.0 62.2 93.2#

182 0.0 2.1 3.1#

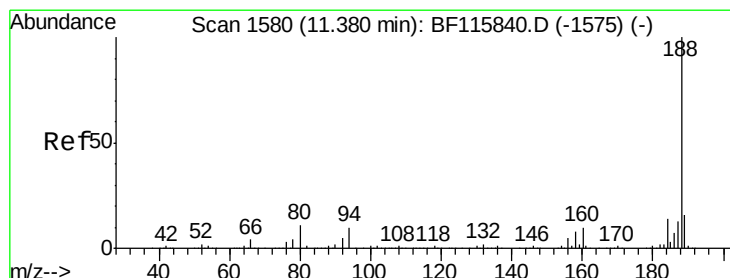
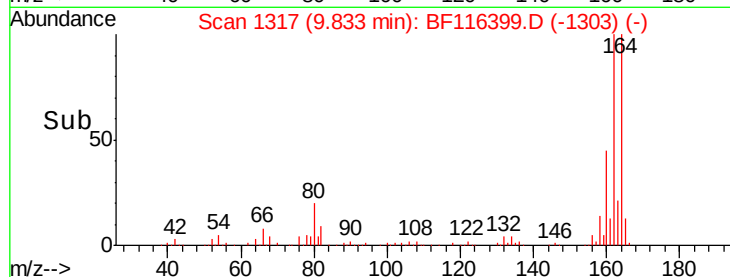
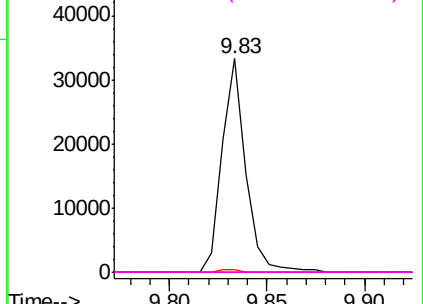


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

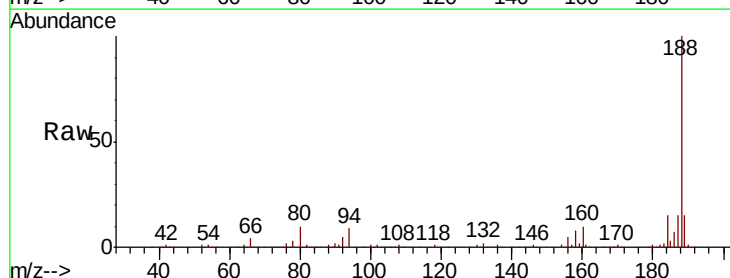
Tgt Ion:188 Resp: 419143

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

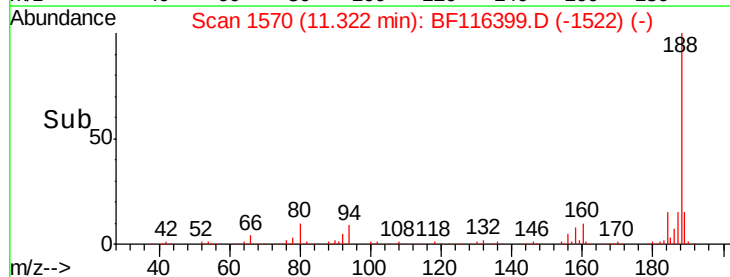
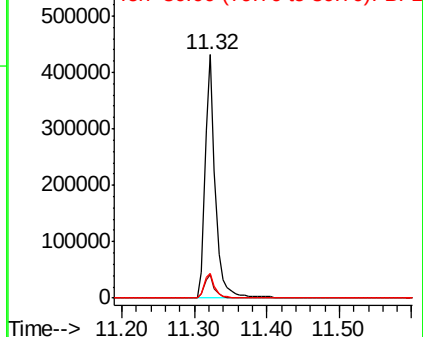
80 10.1 8.7 13.1

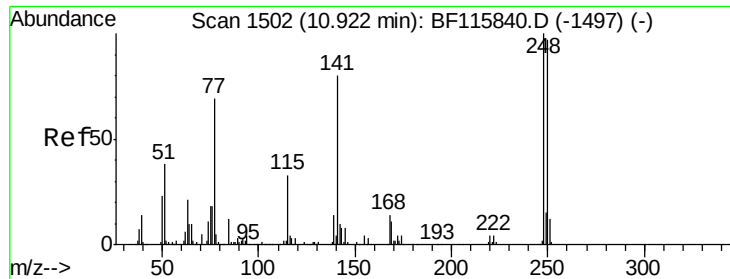


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

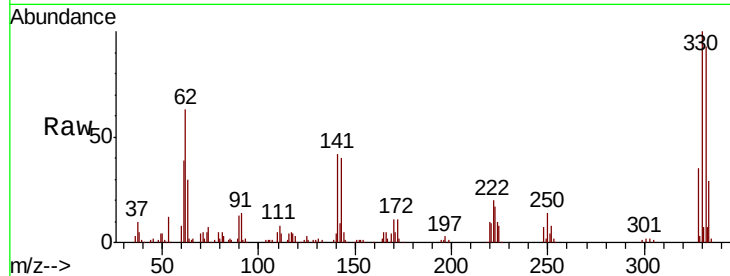




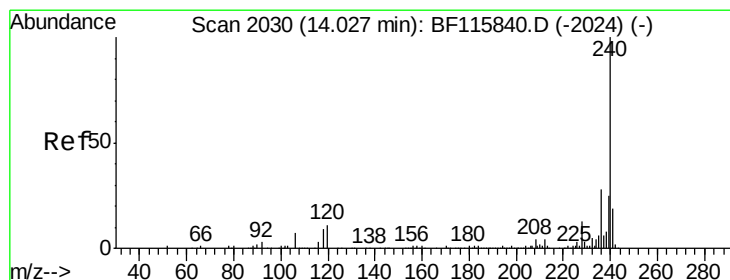
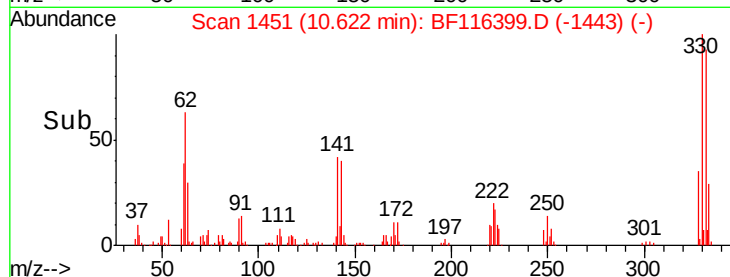
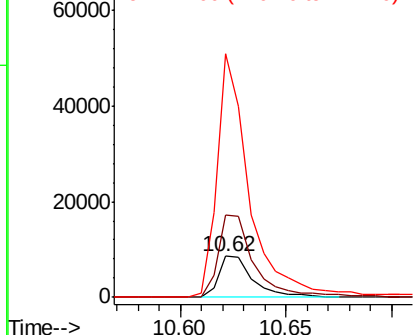
#67
 4-Bromophenyl-phenylether
 Concen: 2.166 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF116399.D
 Acq: 19 Aug 2019 20:34

Instrument :
 BNA_F
 ClientSampleId :
 2S-G1-G4-(1)

Tgt Ion:248 Resp: 9720
 Ion Ratio Lower Upper
 248 100
 250 198.2 77.4 116.2#
 141 589.1 56.8 85.2#

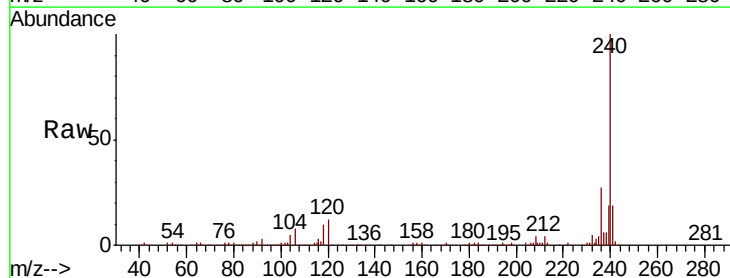


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

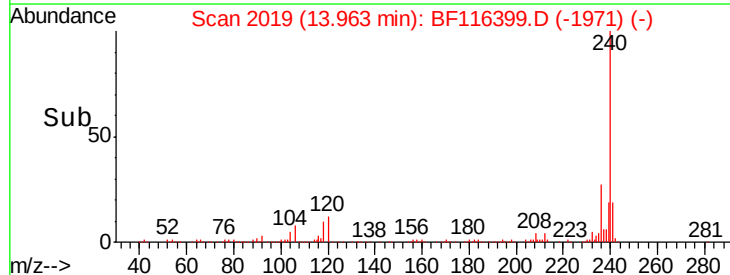
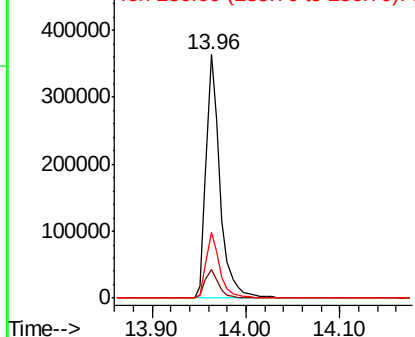


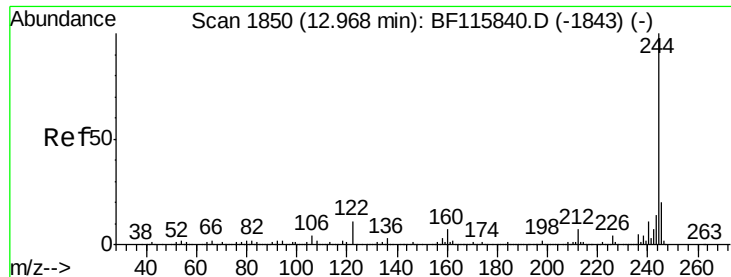
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116399.D
 Acq: 19 Aug 2019 20:34

Tgt Ion:240 Resp: 379692
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.7 16.1
 236 26.8 22.2 33.2



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

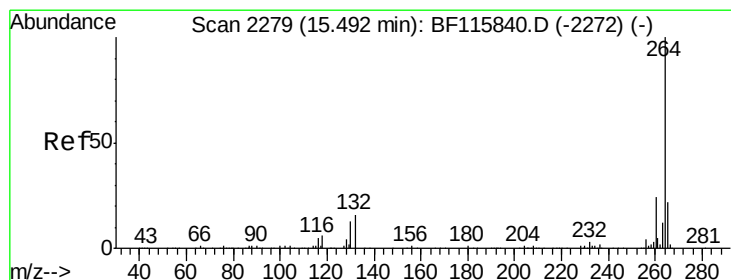
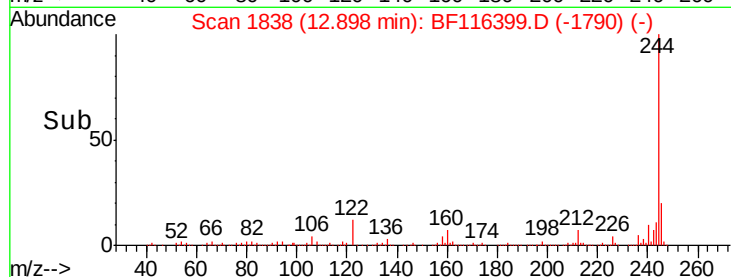
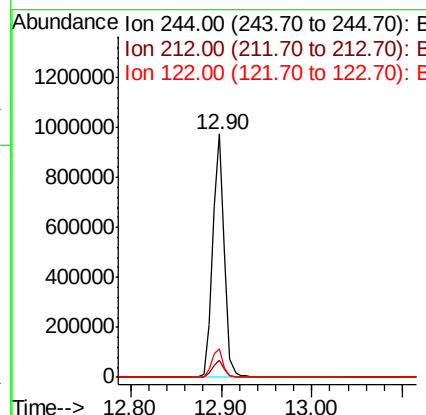
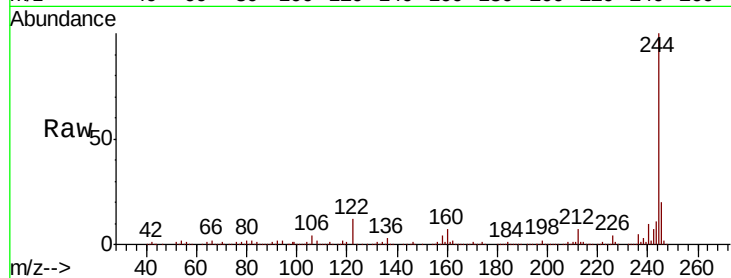




#79
 Terphenyl-d14
 Concen: 48.950 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF116399.D
 Acq: 19 Aug 2019 20:34

Instrument :
 BNA_F
 ClientSampleId :
 2S-G1-G4-(1)

Tgt Ion: 244 Resp: 882036
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.5 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BF116399.D
 Acq: 19 Aug 2019 20:34

Tgt Ion: 264 Resp: 388480
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.7 29.5
 265 21.8 17.4 26.0

