

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112096.D
 Acq On : 17 Jan 2019 18:20
 Operator : JU/SJ
 Sample : K1152-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 011419-DBRI-E-D-M

Quant Time: Jan 18 00:09:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

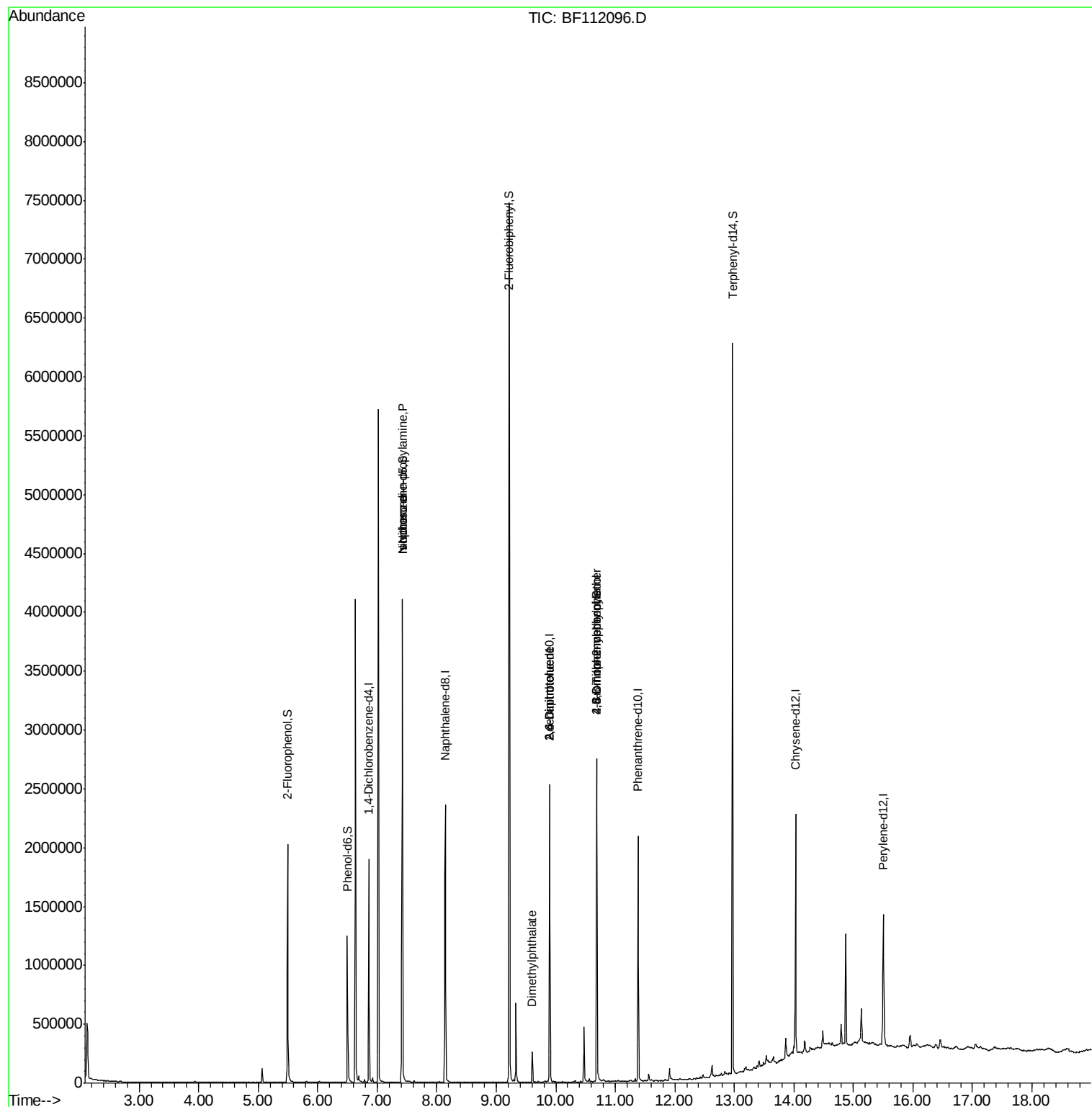
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	280585	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1016064	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	443479	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	730216	20.00	ng	0.00
76) Chrysene-d12	14.03	240	649105	20.00	ng	0.00
87) Perylene-d12	15.50	264	503119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	550893	35.64	ng	0.00
7) Phenol-d6	6.50	99	431816	22.33	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1299781	88.38	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	363049	75.89	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2512582	83.06	ng	0.00
79) Terphenyl-d14	12.97	244	2036427	66.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	995	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	174924	14.846	ng	# 1
25) Isophorone	7.42	82	1299770	45.756	ng	# 77
50) Dimethylphthalate	9.60	163	108582	3.357	ng	# 64
51) 2,6-Dinitrotoluene	9.90	165	57758	8.942	ng	# 97
57) 2,4-Dinitrotoluene	9.90	165	57758	10.883	ng	# 34
65) 4,6-Dinitro-2-methylphenol	10.69	198	669	10.243	ng	# 31
67) 4-Bromophenyl-phenylether	10.69	248	21100	2.488	ng	# 1

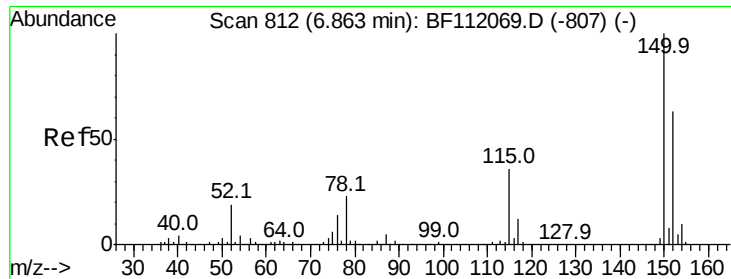
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112096.D
Acq On : 17 Jan 2019 18:20
Operator : JU/SJ
Sample : K1152-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
011419-DBRI-E-D-M

Quant Time: Jan 18 00:09:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration



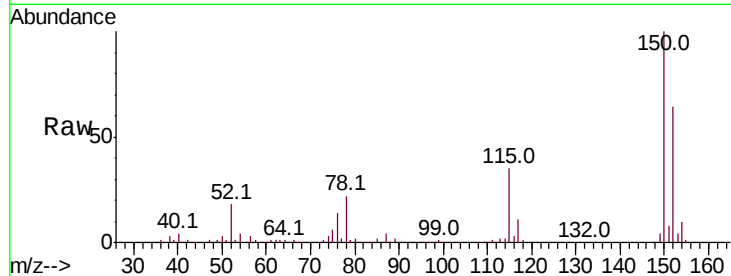


#1

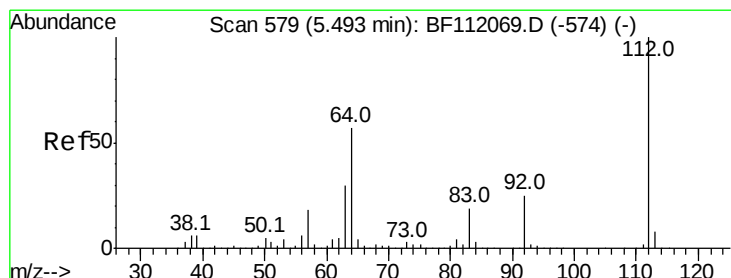
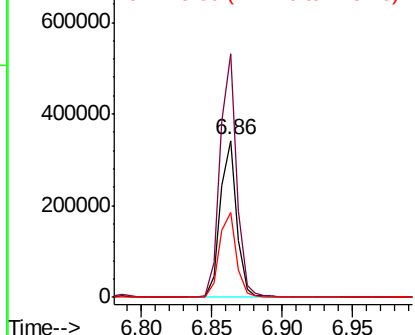
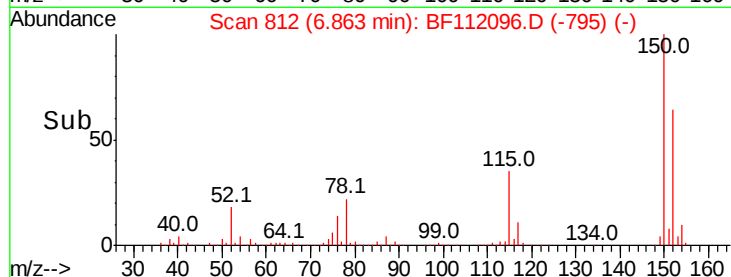
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112096.D
Acq: 17 Jan 2019 18:20

Instrument :
BNA_F
ClientSampleId :
011419-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.4	191.0
115	54.0	45.5	68.3



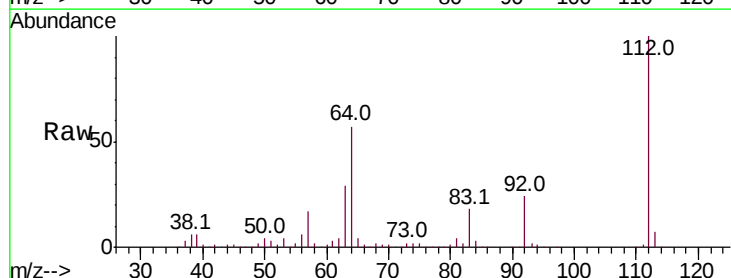
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



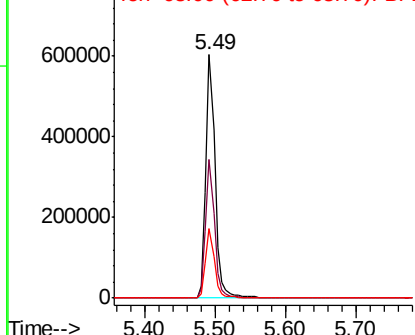
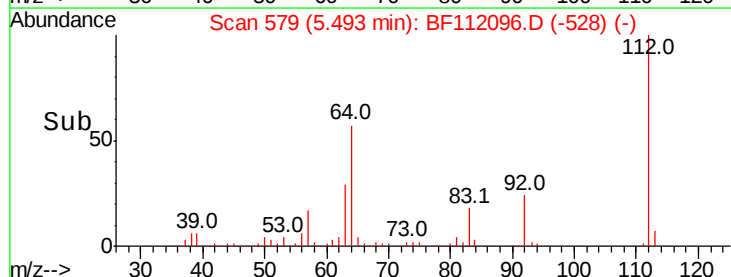
#5

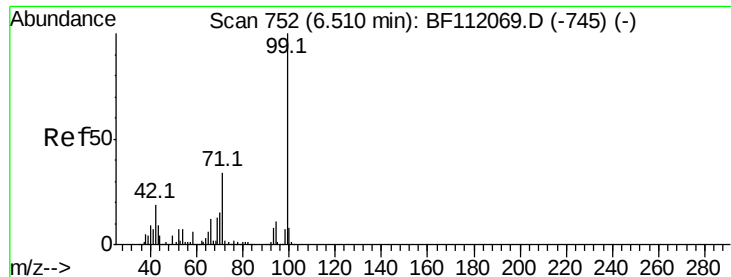
2-Fluorophenol
Concen: 35.636 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112096.D
Acq: 17 Jan 2019 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.7	68.5
63	28.5	23.6	35.4



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: 22.326 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112096.D

Acq: 17 Jan 2019 18:20

Instrument :

BNA_F

ClientSampleId :

011419-DBRI-E-D-M

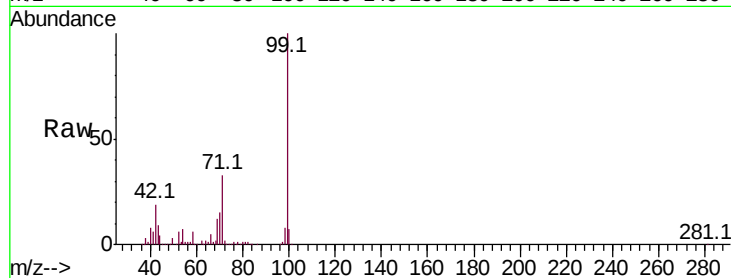
Tot Ion: 99 Resp: 431816

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

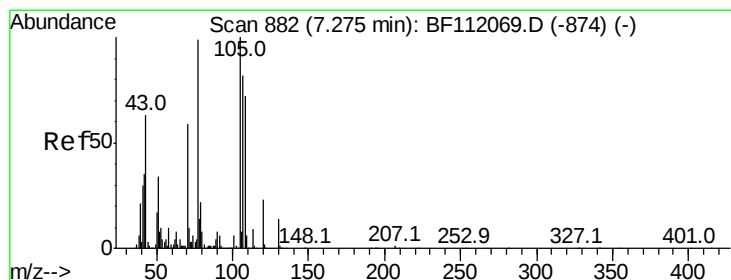
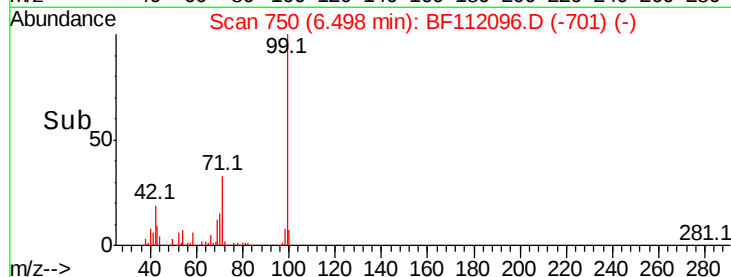
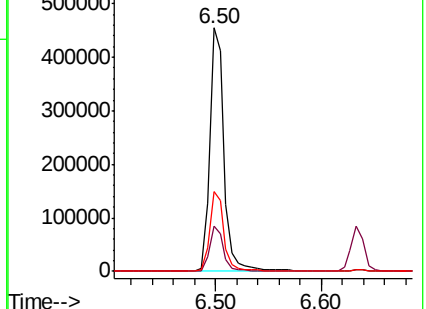
71 32.6 26.9 40.3



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: 14.846 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF112096.D

Acq: 17 Jan 2019 18:20

Tgt Ion: 70 Resp: 174924

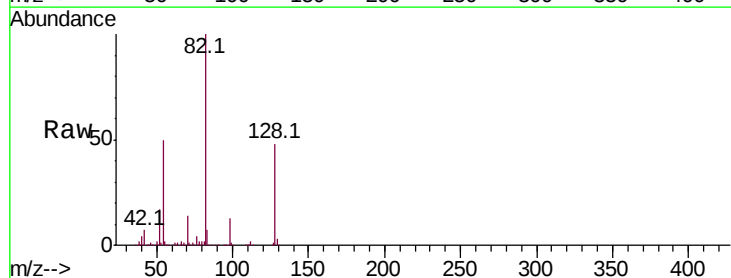
Ion Ratio Lower Upper

70 100

42 48.1 47.6 71.4

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#

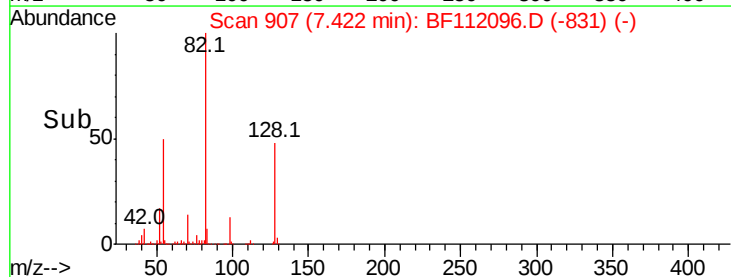
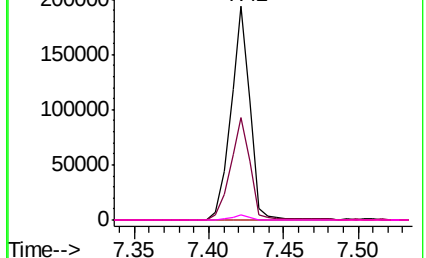


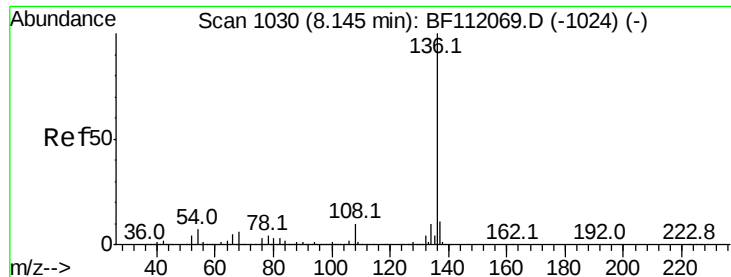
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF112096.D

Acq: 17 Jan 2019 18:20

Instrument :

BNA_F

ClientSampleId :

011419-DBRI-E-D-M

Tot Ion:136 Resp: 1016064

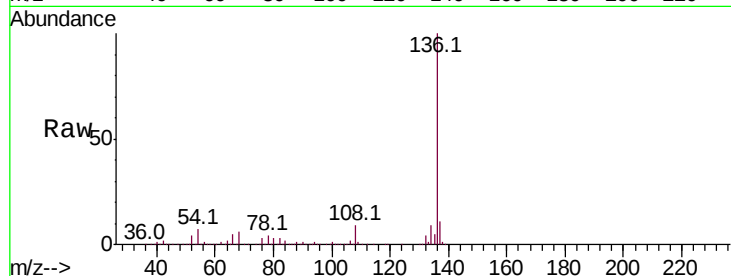
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.0 5.9 8.9

68 5.6 5.1 7.7

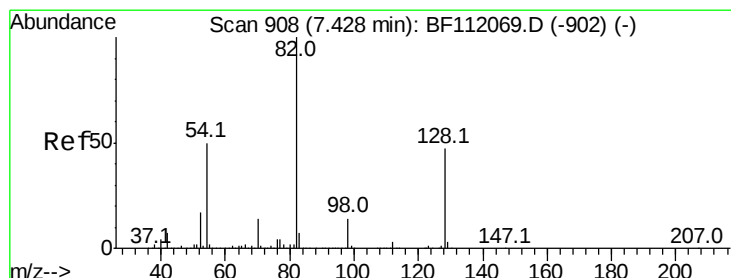
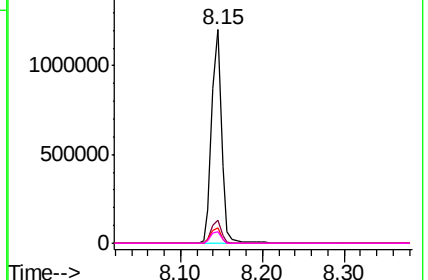
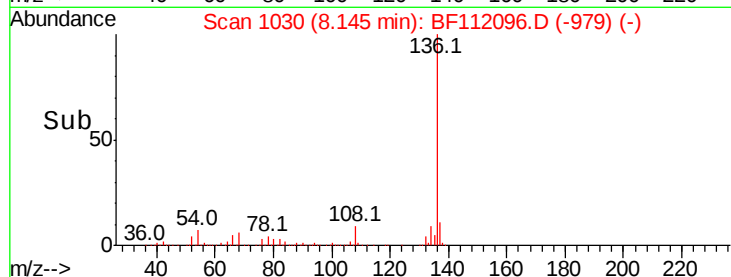


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.381 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF112096.D

Acq: 17 Jan 2019 18:20

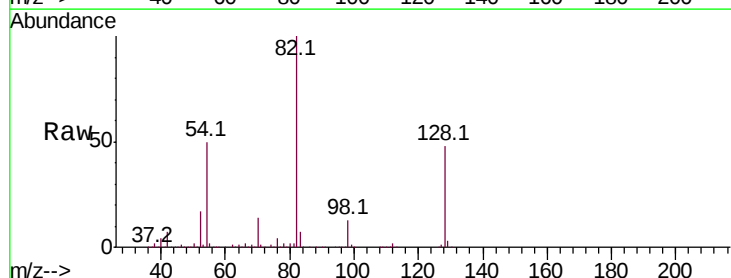
Tgt Ion: 82 Resp: 1299781

Ion Ratio Lower Upper

82 100

128 48.0 37.8 56.8

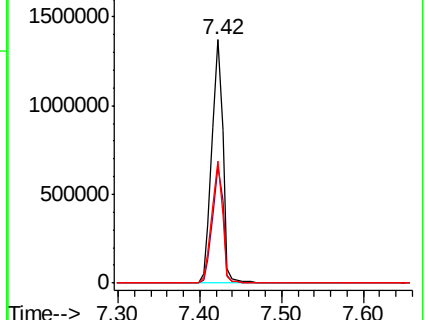
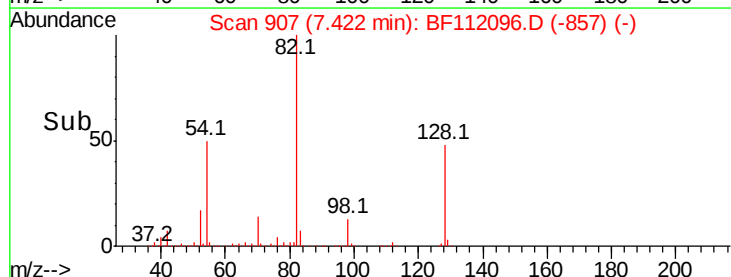
54 50.3 39.7 59.5

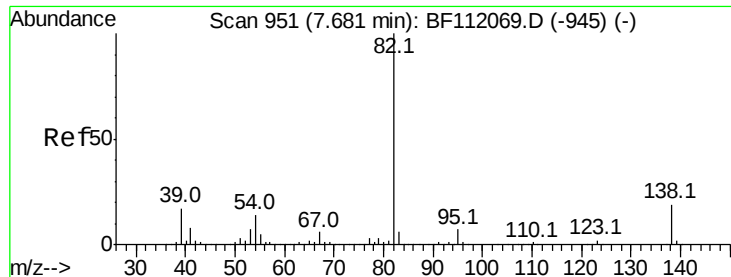


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.756 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF112096.D

Acq: 17 Jan 2019 18:20

Instrument :

BNA_F

ClientSampleId :

011419-DBRI-E-D-M

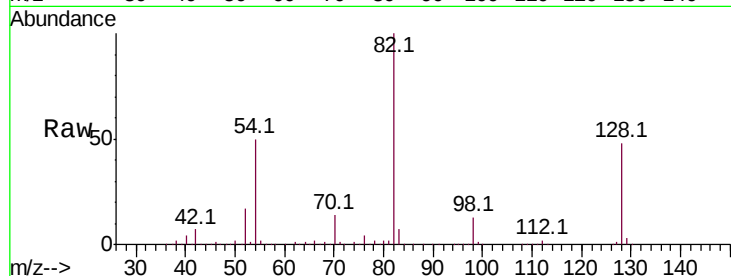
Tot Ion: 82 Resp: 1299770

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

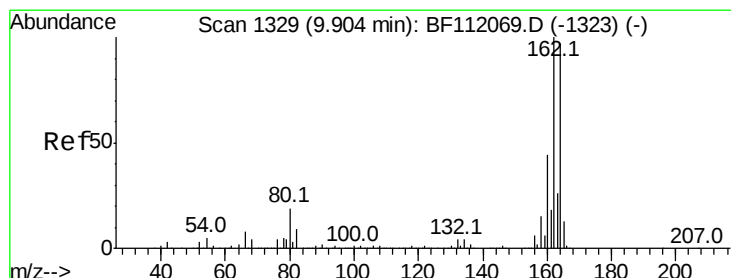
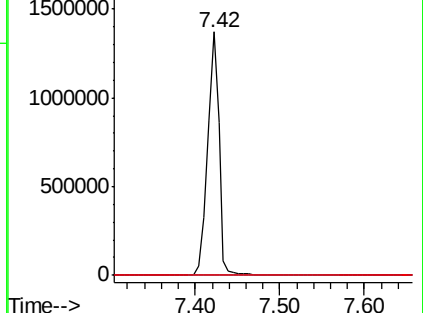
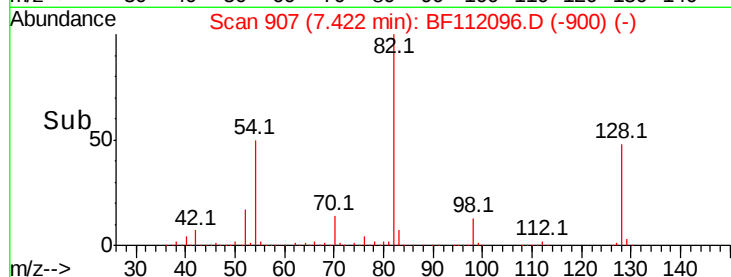
138 0.0 15.4 23.0#



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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF112096.D

Acq: 17 Jan 2019 18:20

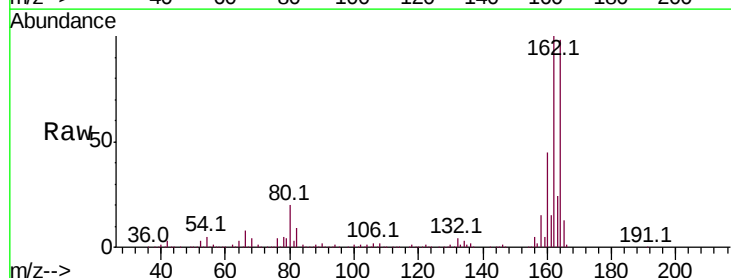
Tgt Ion:164 Resp: 443479

Ion Ratio Lower Upper

164 100

162 102.1 82.2 123.4

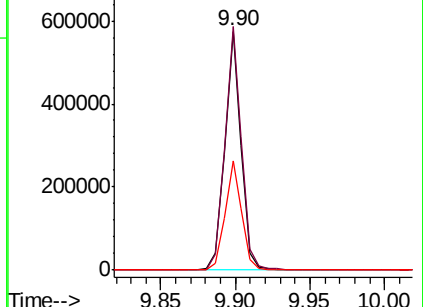
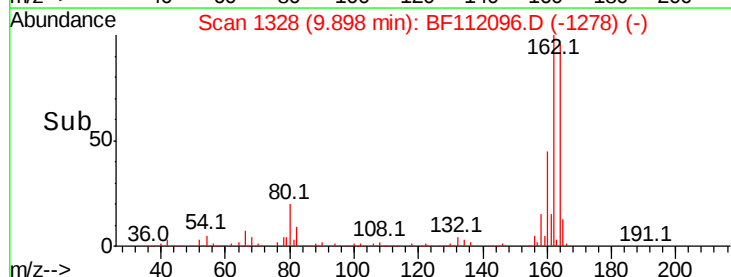
160 45.7 36.2 54.4

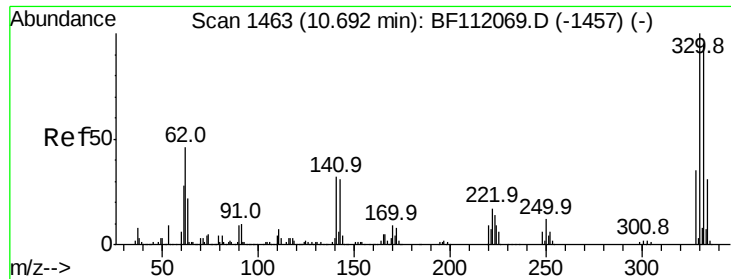


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

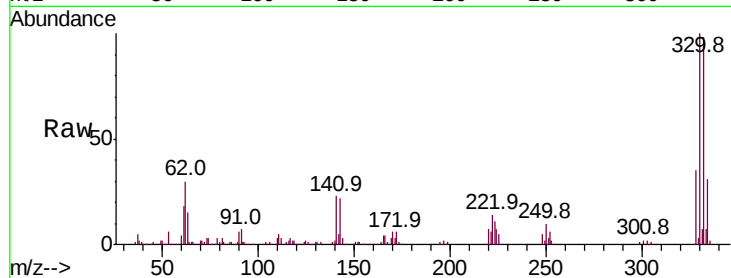




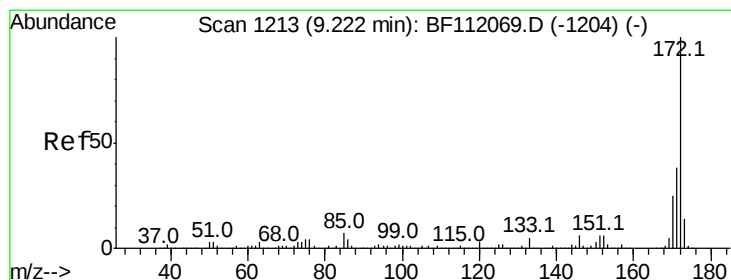
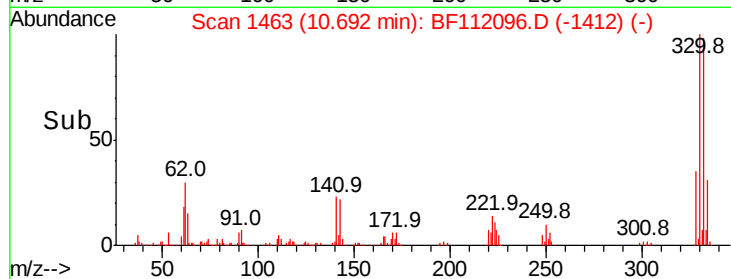
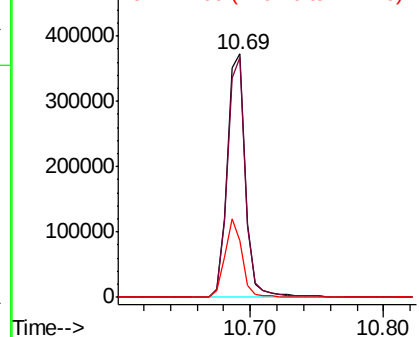
#42
 2,4,6-Tribromophenol
 Concen: 75.886 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF112096.D
 Acq: 17 Jan 2019 18:20

Instrument :
 BNA_F
 ClientSampleId :
 011419-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	30.3	24.3	36.5

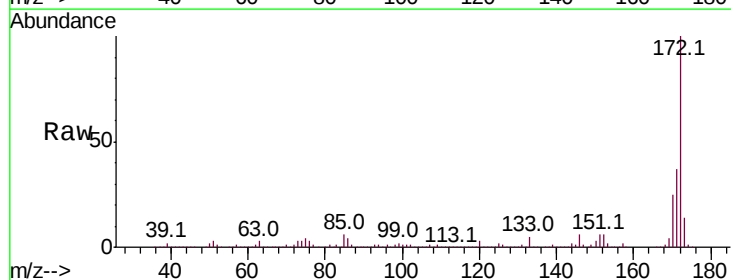


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

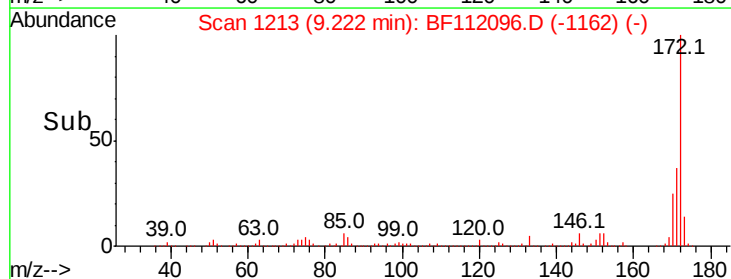
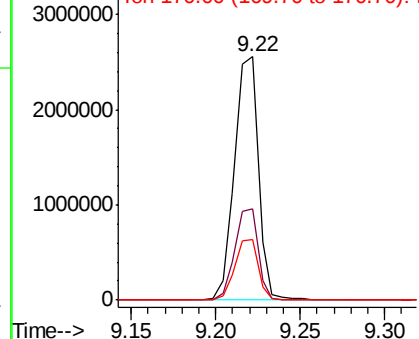


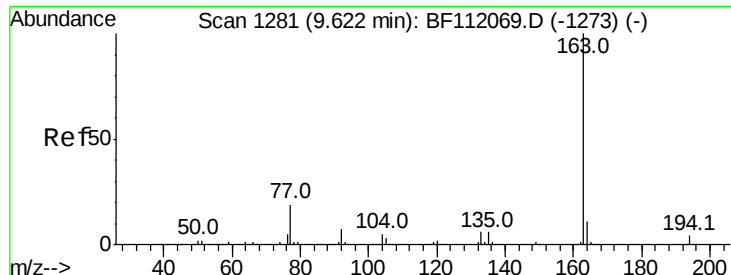
#45
 2-Fluorobiphenyl
 Concen: 83.064 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112096.D
 Acq: 17 Jan 2019 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	25.1	20.2	30.4



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

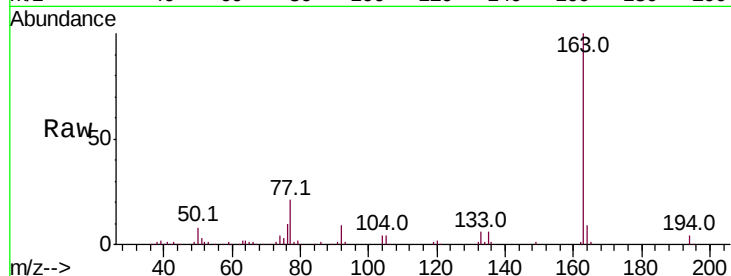




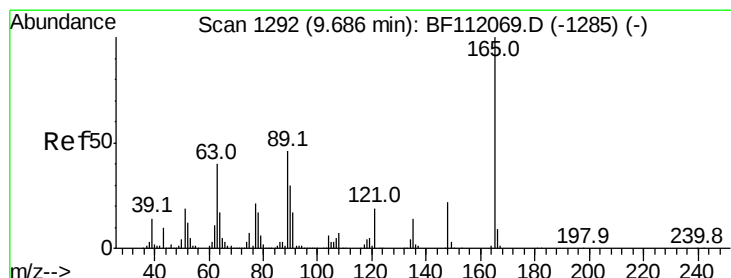
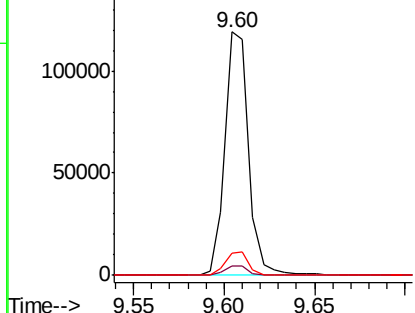
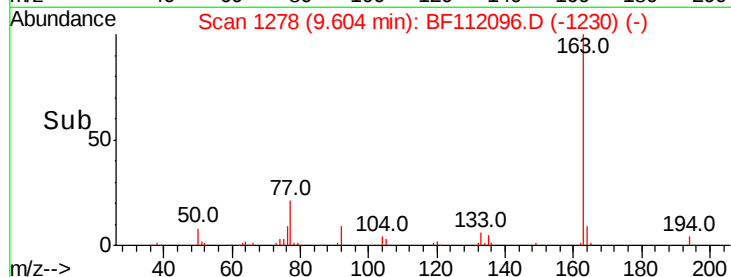
#50
Dimethylphthalate
Concen: 3.357 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112096.D
Acq: 17 Jan 2019 18:20

Instrument :
BNA_F
ClientSampleId :
011419-DBRI-E-D-M

Tot Ion:163 Resp: 108582
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.2 8.5 12.7

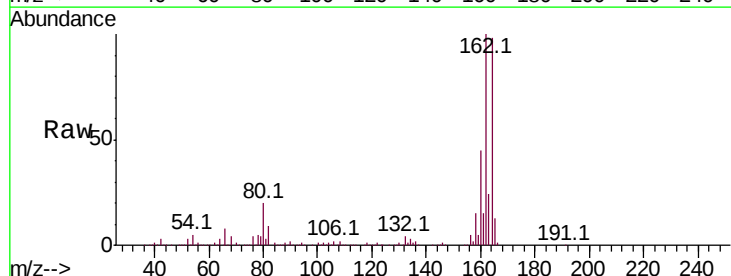


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

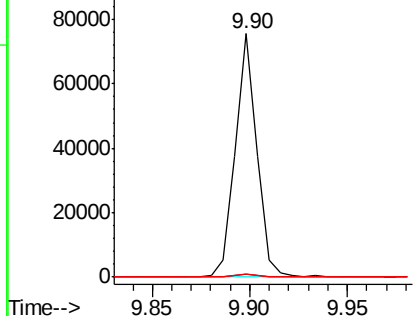
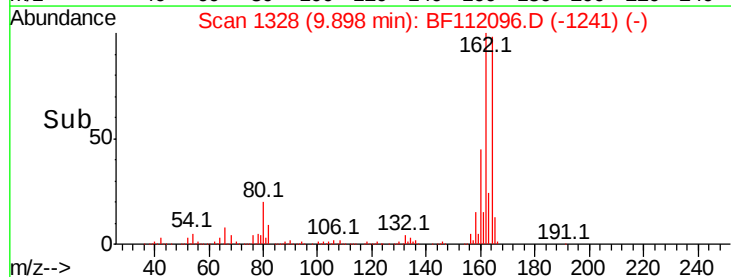


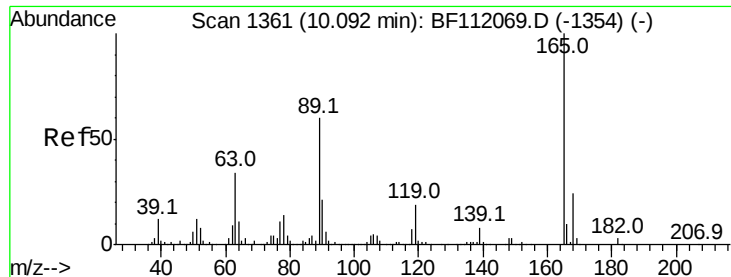
#51
2,6-Dinitrotoluene
Concen: 8.942 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF112096.D
Acq: 17 Jan 2019 18:20

Tgt Ion:165 Resp: 57758
Ion Ratio Lower Upper
165 100
63 1.2 33.8 50.8#
89 1.2 36.9 55.3#



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: 10.883 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.19 min

Lab File: BF112096.D

Acq: 17 Jan 2019 18:20

Instrument :

BNA_F

ClientSampleId :

011419-DBRI-E-D-M

Tot Ion:165 Resp: 57758

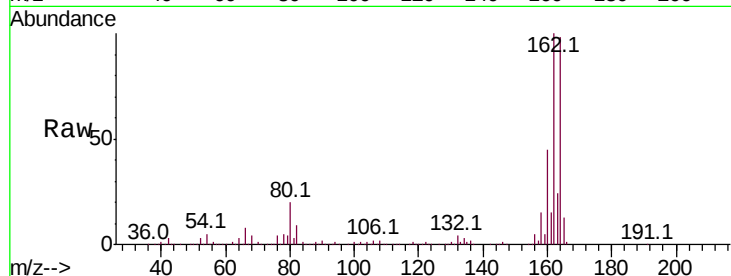
Ion Ratio Lower Upper

165 100

63 1.2 27.9 41.9#

89 1.2 47.9 71.9#

182 0.0 2.2 3.4#

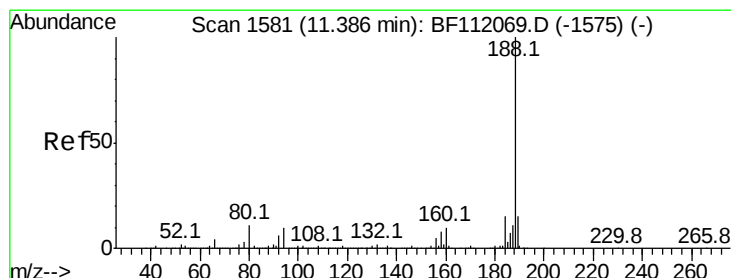
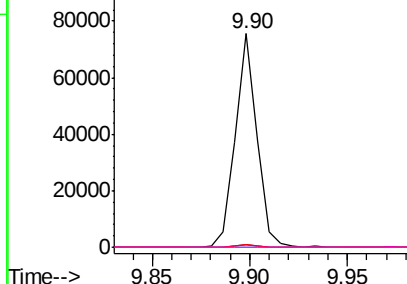
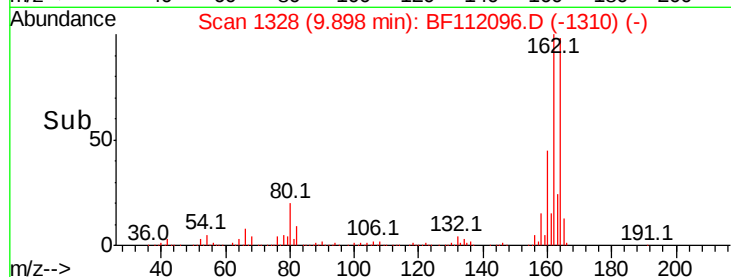


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF112096.D

Acq: 17 Jan 2019 18:20

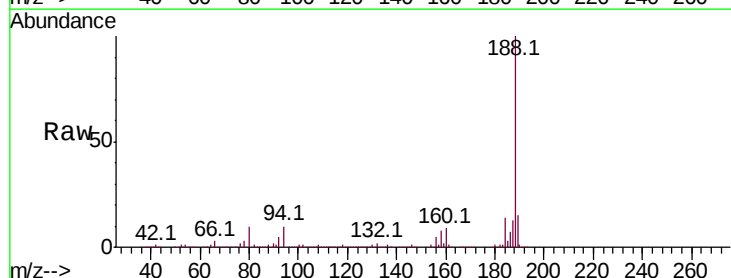
Tgt Ion:188 Resp: 730216

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

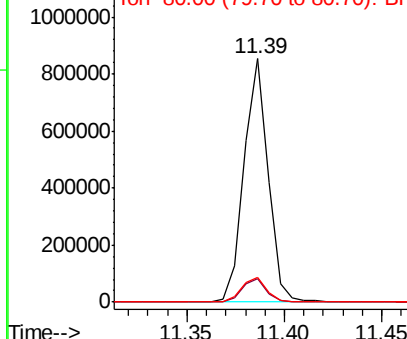
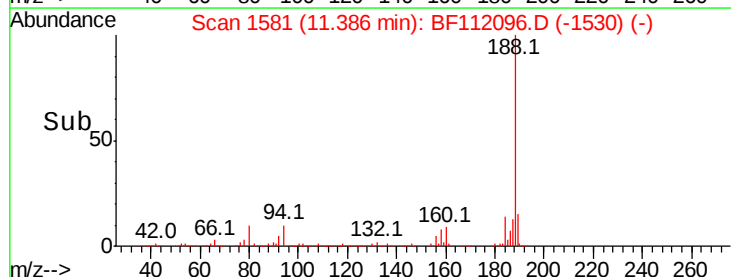
80 10.0 8.9 13.3

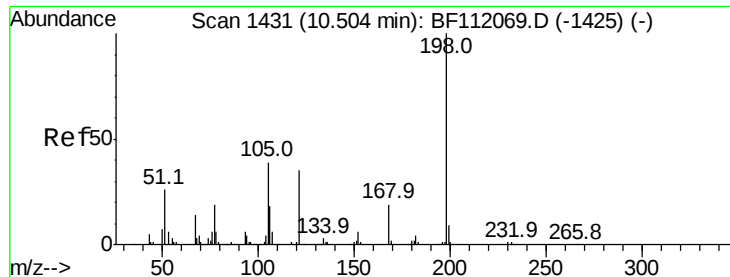


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 10.243 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.18 min

Lab File: BF112096.D

Acq: 17 Jan 2019 18:20

Instrument :

BNA_F

ClientSampleId :

011419-DBRI-E-D-M

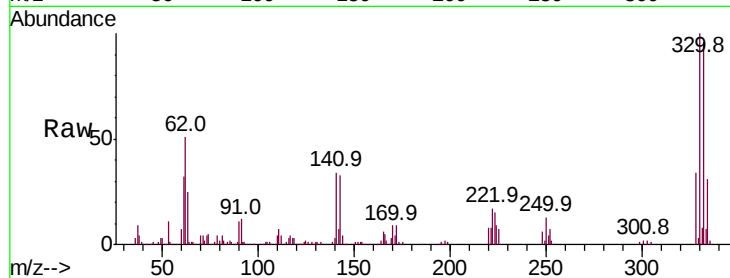
Tot Ion:198 Resp: 669

Ion Ratio Lower Upper

198 100

51 171.5 17.2 57.2#

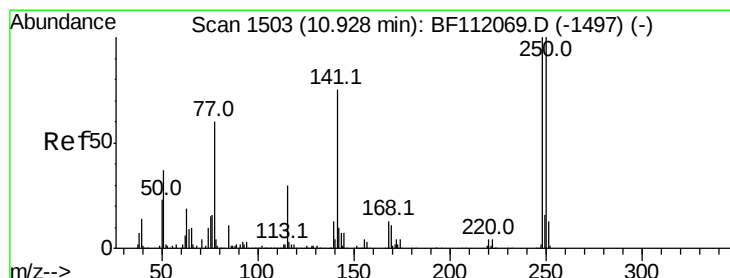
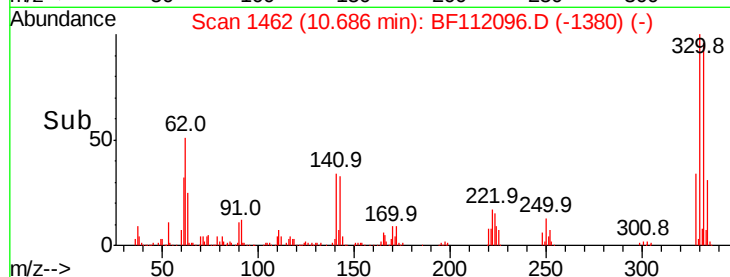
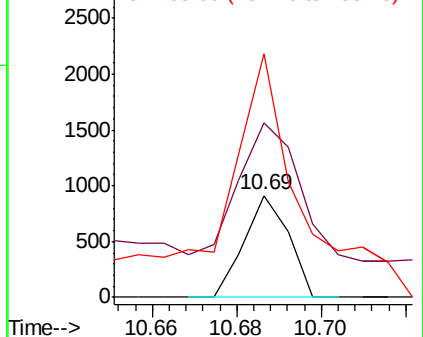
105 238.6 21.9 61.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.488 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.24 min

Lab File: BF112096.D

Acq: 17 Jan 2019 18:20

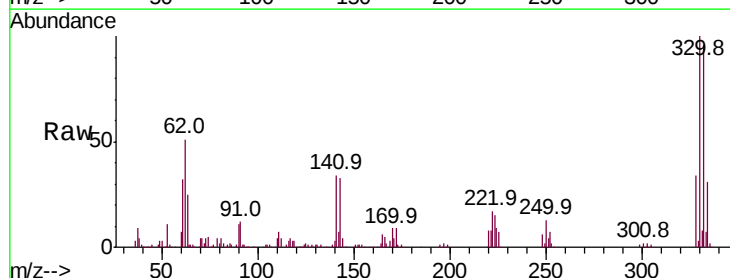
Tgt Ion:248 Resp: 21100

Ion Ratio Lower Upper

248 100

250 199.7 79.7 119.5#

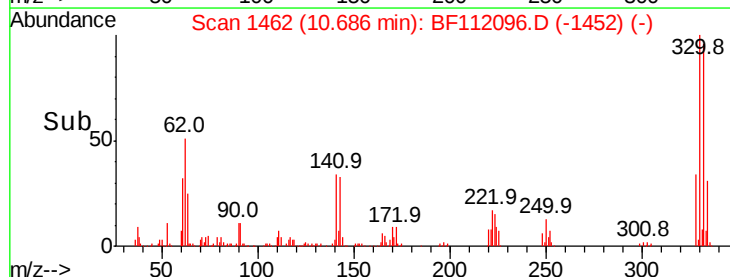
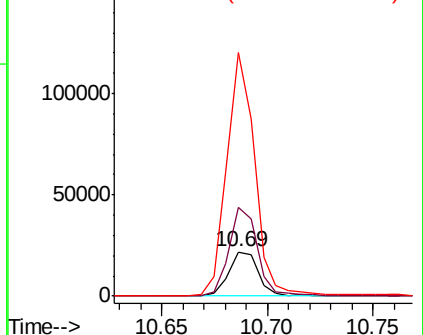
141 547.2 60.3 90.5#

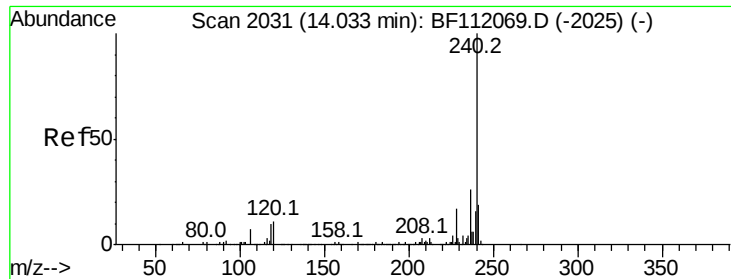


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

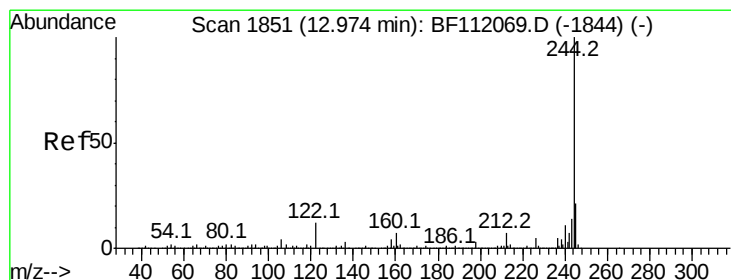
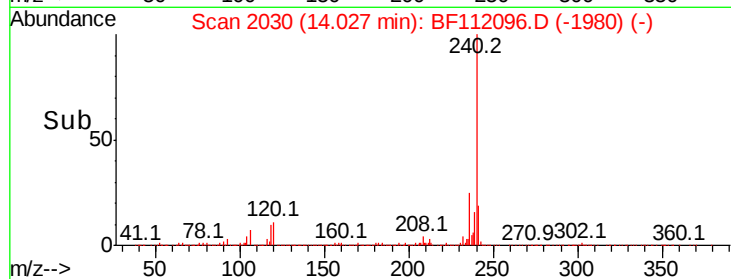
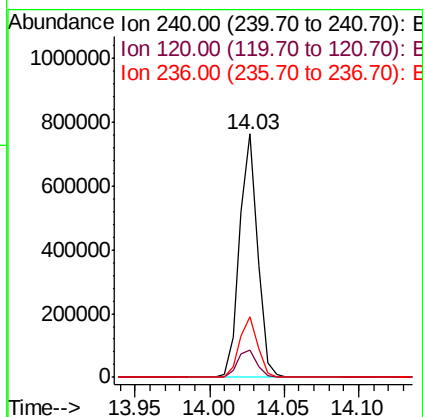
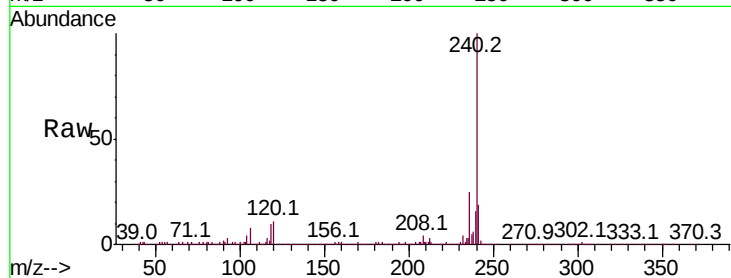




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112096.D
 Acq: 17 Jan 2019 18:20

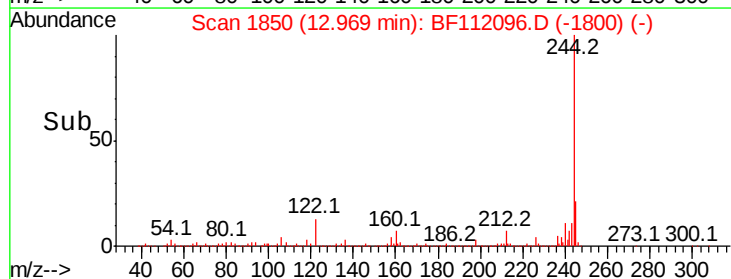
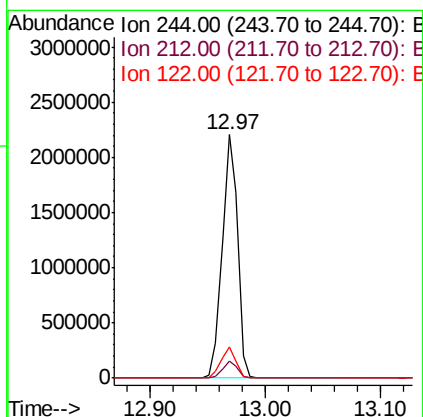
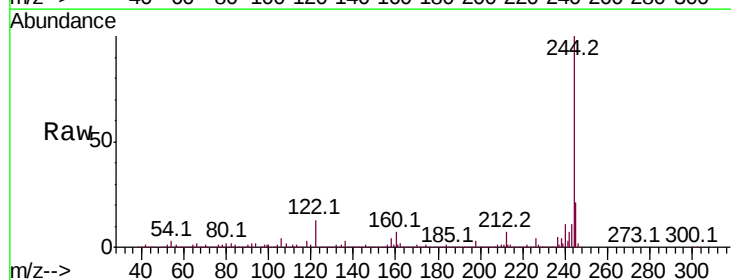
Instrument :
 BNA_F
 ClientSampleId :
 011419-DBRI-E-D-M

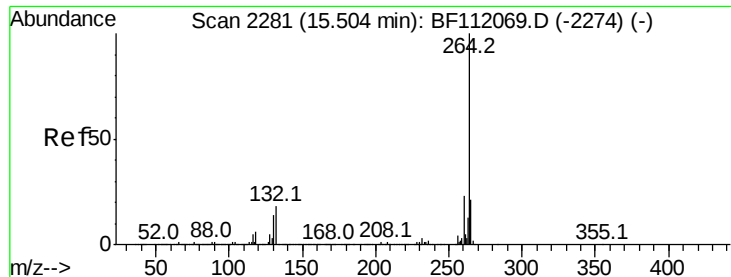
Tot Ion:240 Resp: 649105
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.0 13.6
 236 25.0 20.7 31.1



#79
 Terphenyl-d14
 Concen: 66.742 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF112096.D
 Acq: 17 Jan 2019 18:20

Tgt Ion:244 Resp: 2036427
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 13.0 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF112096.D
Acq: 17 Jan 2019 18:20

Instrument :
BNA_F
ClientSampleId :
011419-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	21.3	17.0	25.4

