

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115041.D
 Acq On : 14 Jun 2019 15:48
 Operator : HP/JU
 Sample : PB120595BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:50:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

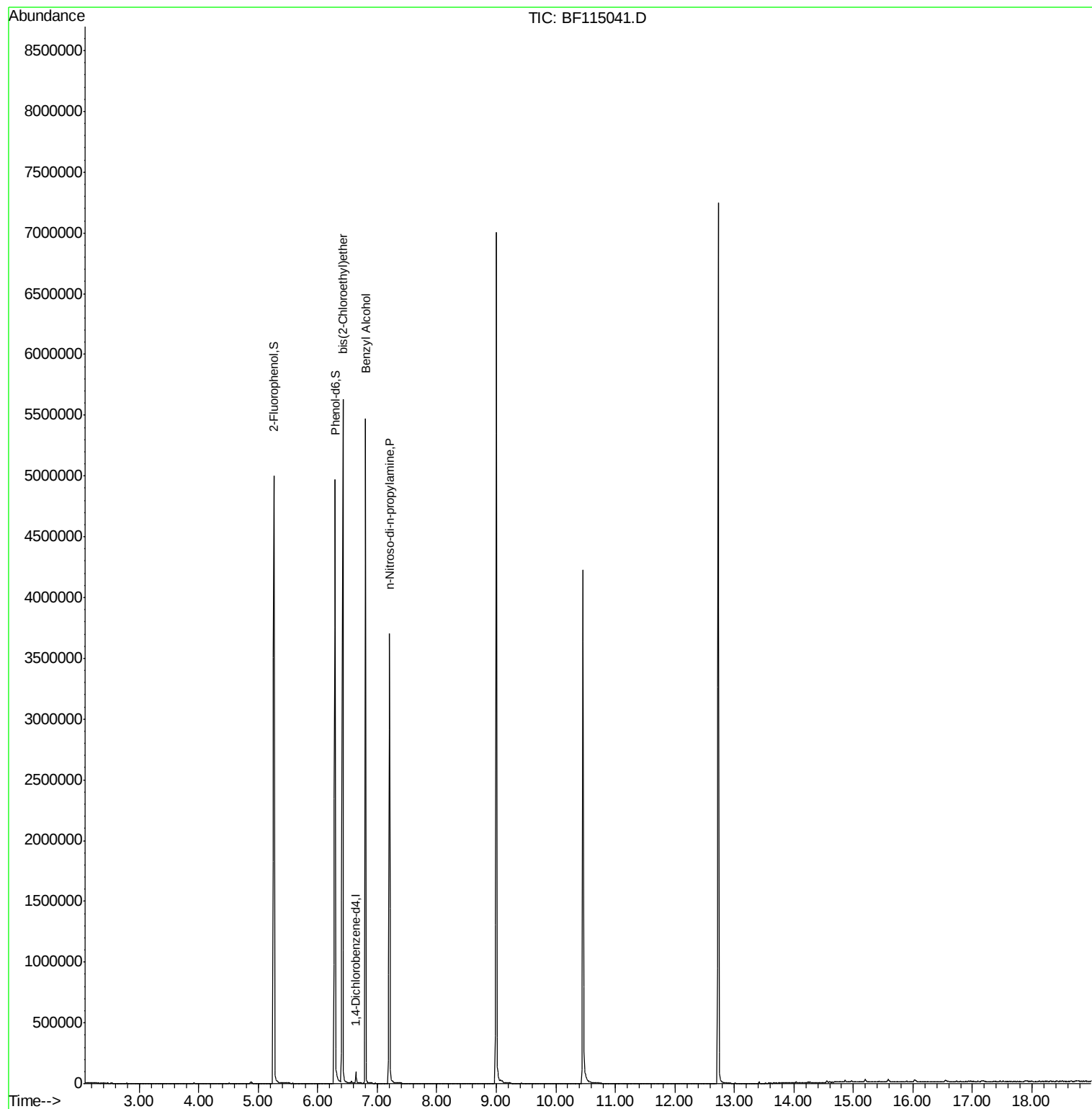
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	14425	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.93
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.68
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.16
76) Chrysene-d12	0.00	240	0	0.00	ng	-13.78
87) Perylene-d12	0.00	264	0	0.00	ng	-15.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1843983	2134.53	ng	0.01
7) Phenol-d6	6.29	99	2293441	2200.81	ng	0.00
23) Nitrobenzene-d5	7.21	82	1394483	0.00	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	648226	0.00	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2663271	0.00	ng	0.00
79) Terphenyl-d14	12.73	244	2810585	0.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	3041	Below Cal	#	1
11) bis(2-Chloroethyl)ether	6.42	93	2491	2.753	ng	# 1
15) Benzyl Alcohol	6.80	79	22932	29.371	ng	# 40
19) n-Nitroso-di-n-propylamine	7.21	70	181079	285.998	ng	# 77

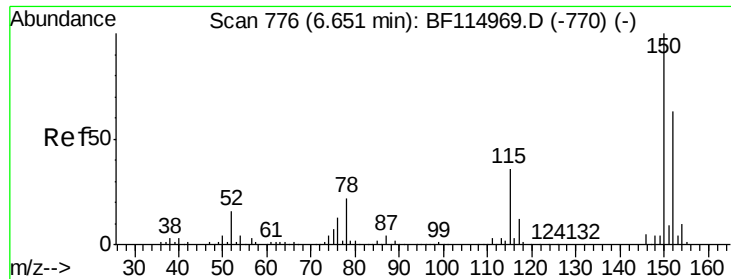
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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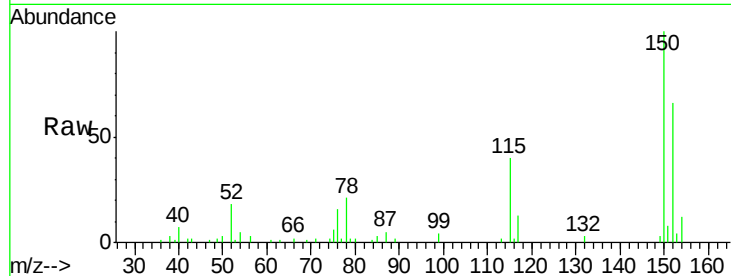




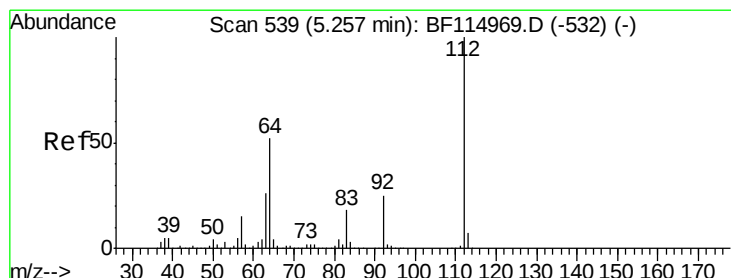
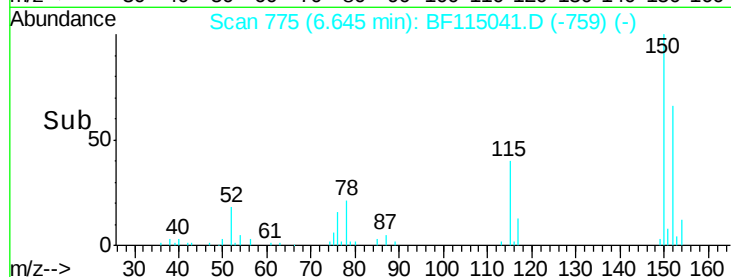
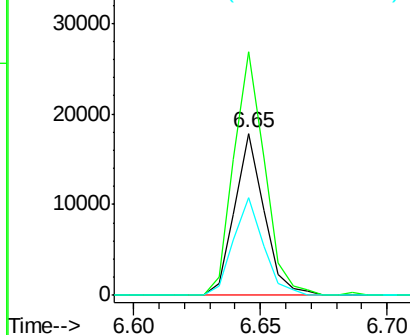
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115041.D
 Acq: 14 Jun 2019 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 14425
 Ion Ratio Lower Upper
 152 100
 150 150.6 127.4 191.0
 115 60.3 46.0 69.0

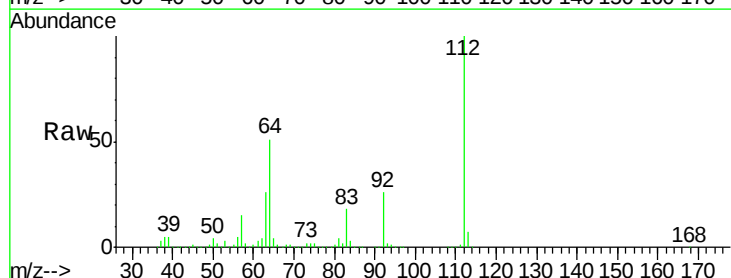


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

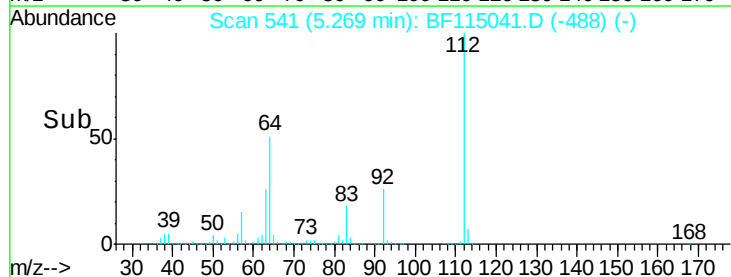
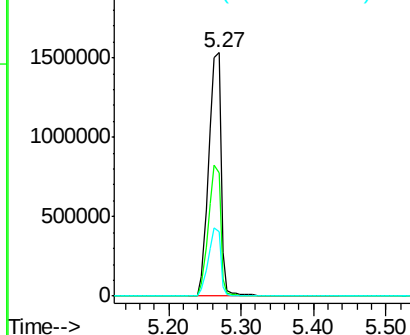


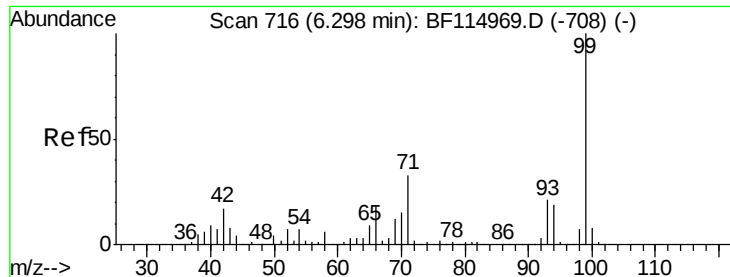
#5
 2-Fluorophenol
 Concen: 2134.529 ng
 RT: 5.27 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: BF115041.D
 Acq: 14 Jun 2019 15:48

Tgt Ion:112 Resp: 1843983
 Ion Ratio Lower Upper
 112 100
 64 50.7 41.6 62.4
 63 26.5 20.9 31.3



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: 2200.812 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115041.D

Acq: 14 Jun 2019 15:48

Instrument :

BNA_F

ClientSampled :

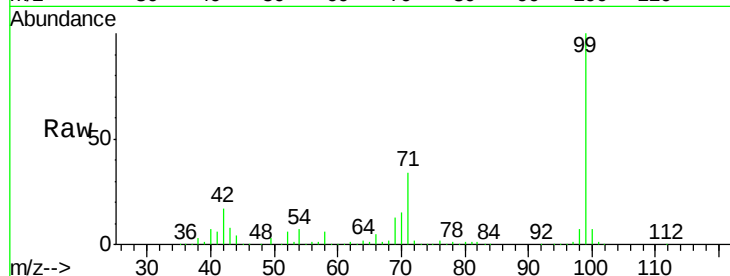
Tot Ion: 99 Resp: 2293441

Ion Ratio Lower Upper

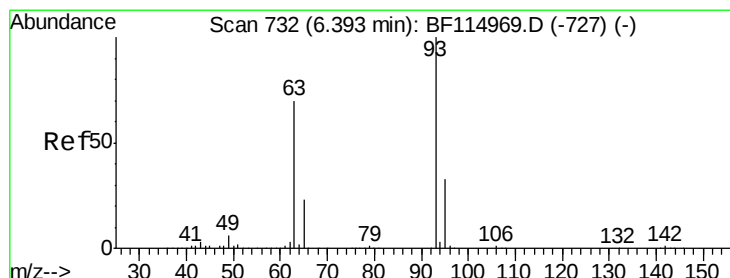
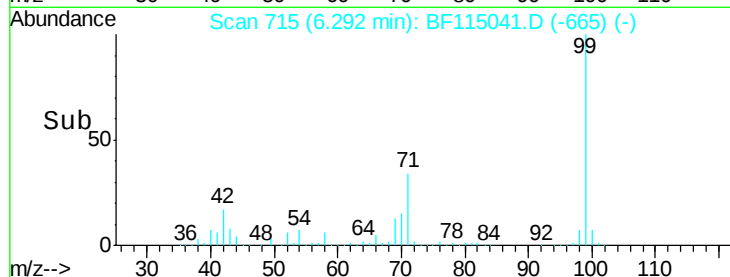
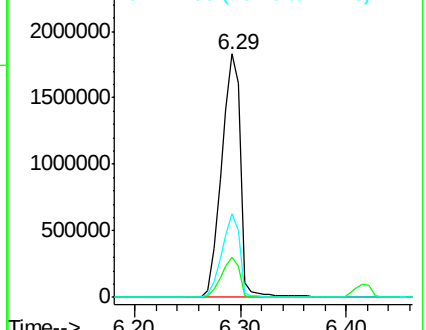
99 100

42 16.7 13.4 20.2

71 34.2 26.4 39.6



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



#11

bis(2-Chloroethyl)ether

Concen: 2.753 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.03 min

Lab File: BF115041.D

Acq: 14 Jun 2019 15:48

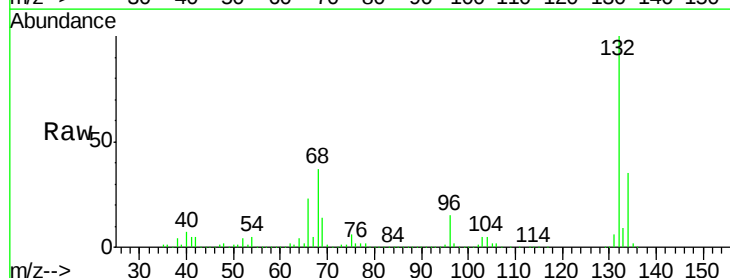
Tgt Ion: 93 Resp: 2491

Ion Ratio Lower Upper

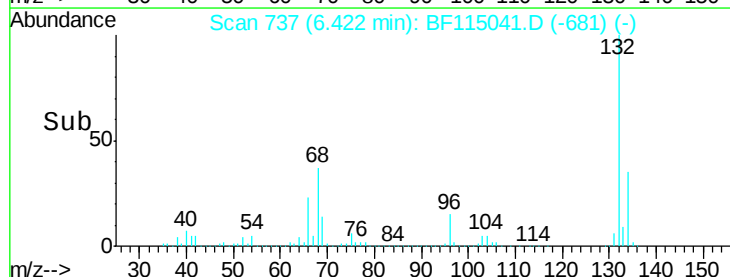
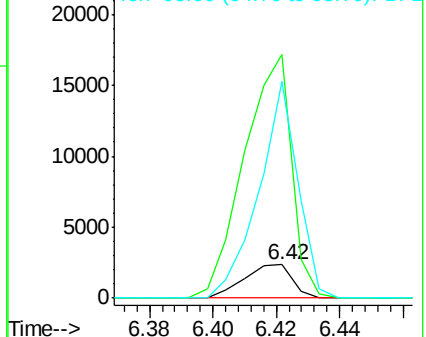
93 100

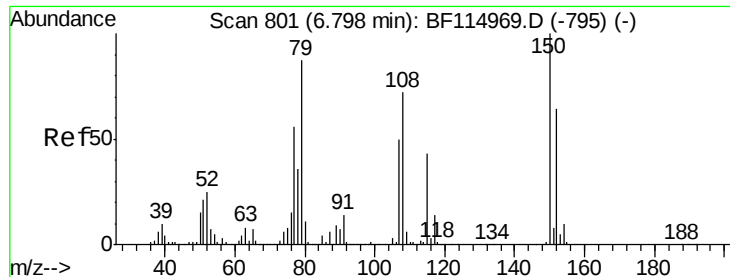
63 736.2 49.8 89.8#

95 655.8 13.3 53.3#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 29.371 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.01 min

Lab File: BF115041.D

Acq: 14 Jun 2019 15:48

Instrument :

BNA_F

ClientSampleId :

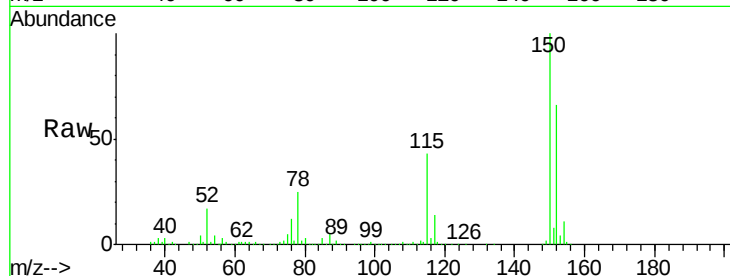
Tot Ion: 79 Resp: 22932

Ion Ratio Lower Upper

79 100

108 34.7 66.0 99.0#

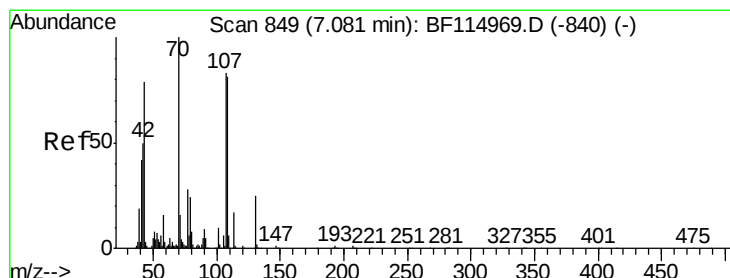
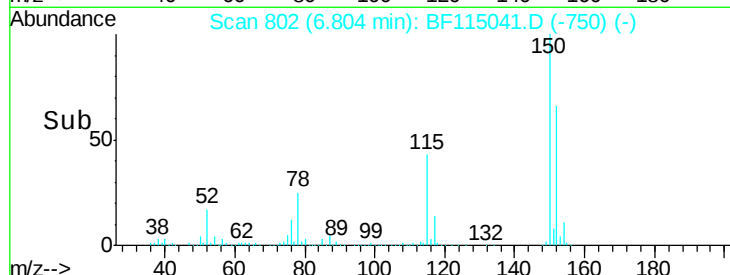
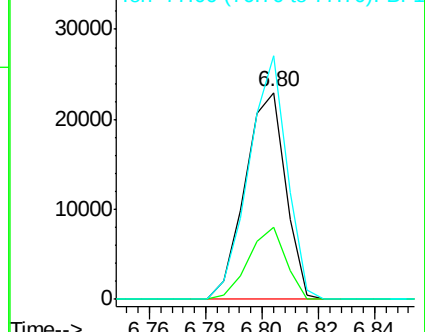
77 117.9 51.1 76.7#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 285.998 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115041.D

Acq: 14 Jun 2019 15:48

Tgt Ion: 70 Resp: 181079

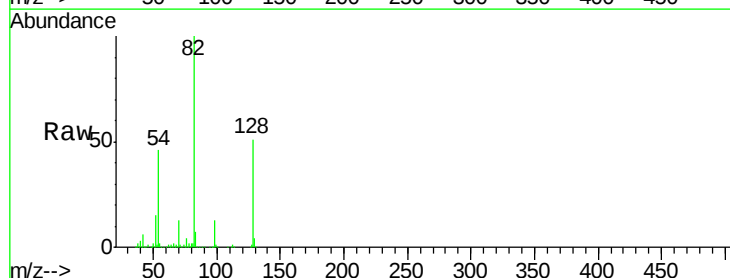
Ion Ratio Lower Upper

70 100

42 43.0 40.3 60.5

101 0.0 8.2 12.4#

130 2.6 20.3 30.5#

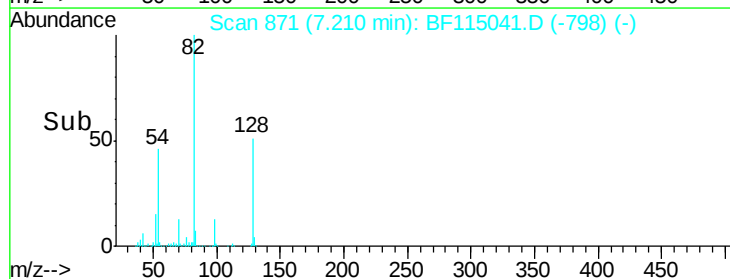
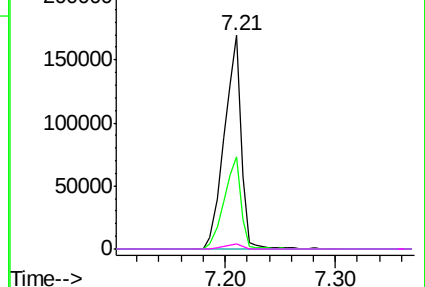


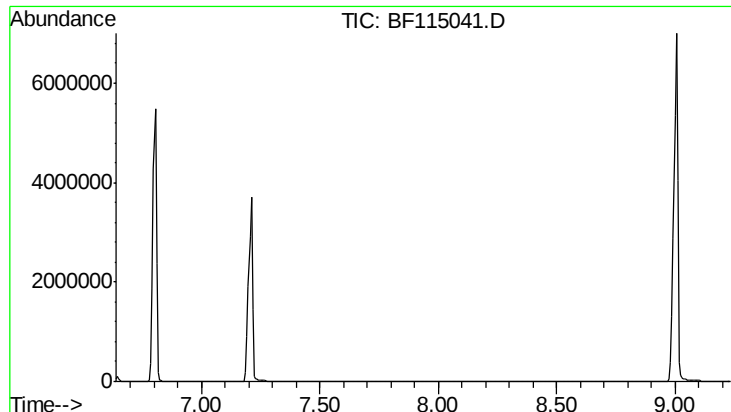
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 0.000 ng

Expected RT: 7.93 min

Lab File: BF115041.D

Acq: 14 Jun 2019 15:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 136

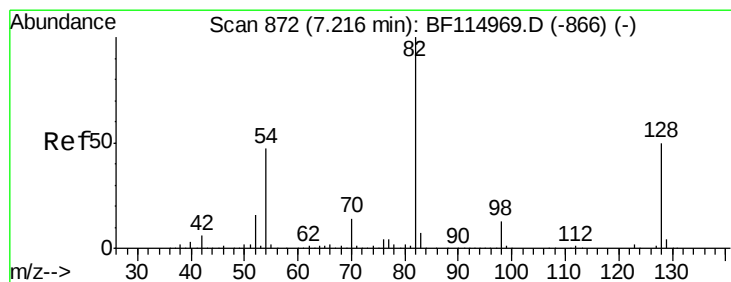
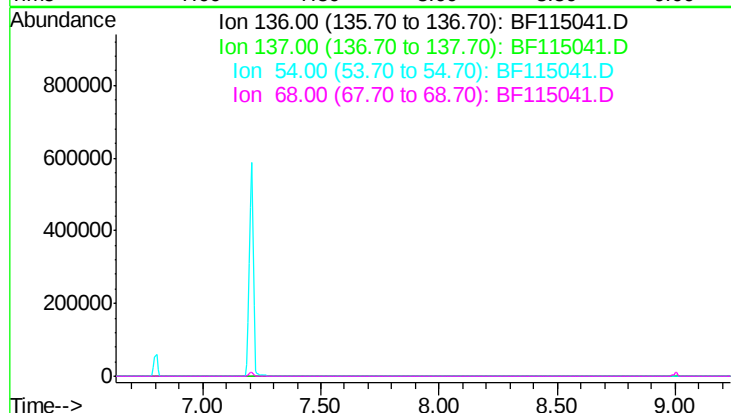
Sig Exp Ratio

136 100

137 11.2

54 6.7

68 5.8



#23

Nitrobenzene-d5

Concen: 0.000 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115041.D

Acq: 14 Jun 2019 15:48

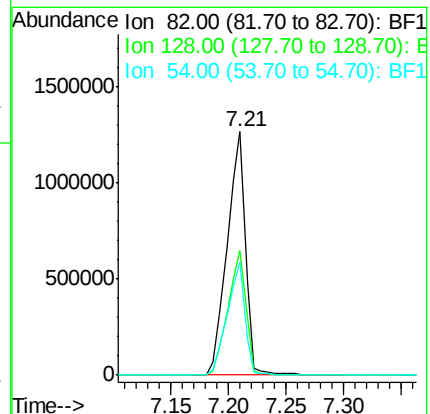
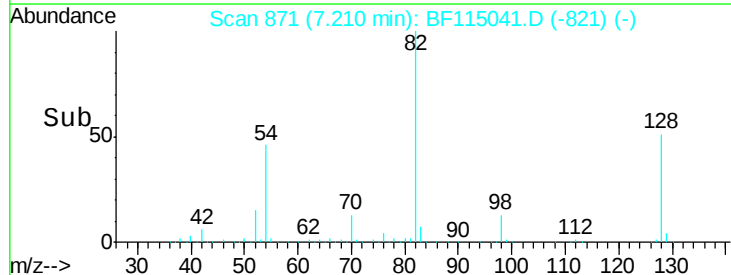
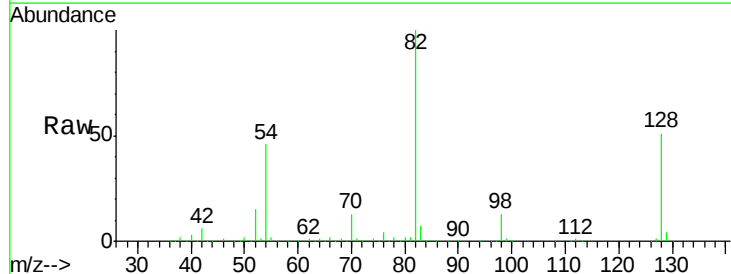
Tgt Ion: 82 Resp: 1394483

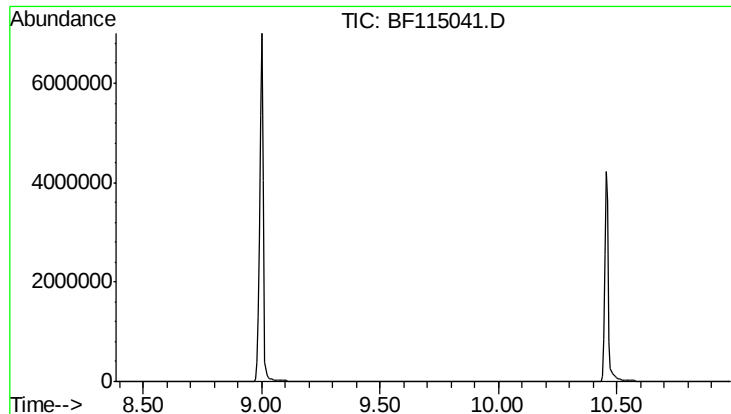
Ion Ratio Lower Upper

82 100

128 51.4 39.9 59.9

54 46.3 37.3 55.9





#39

Acenaphthene-d10

Concen: 0.000 ng

Expected RT: 9.68 min

Lab File: BF115041.D

Acq: 14 Jun 2019 15:48

Tot Ion: 164

Sig Exp Ratio

164 100

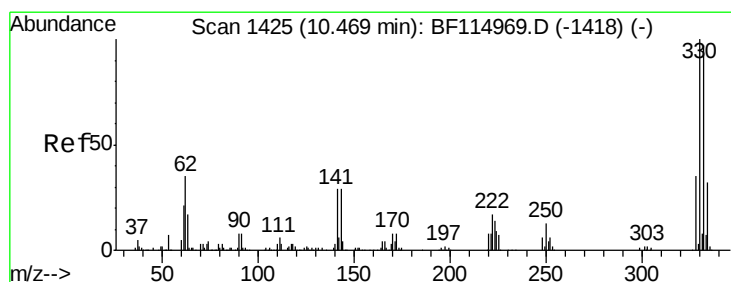
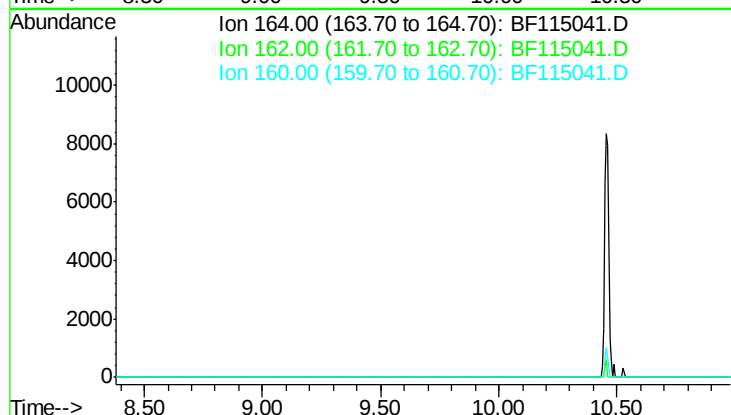
162 103.3

160 46.1

Instrument :

BNA_F

ClientSampleId :



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115041.D

Acq: 14 Jun 2019 15:48

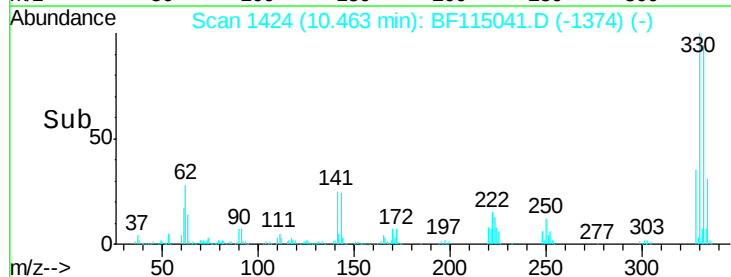
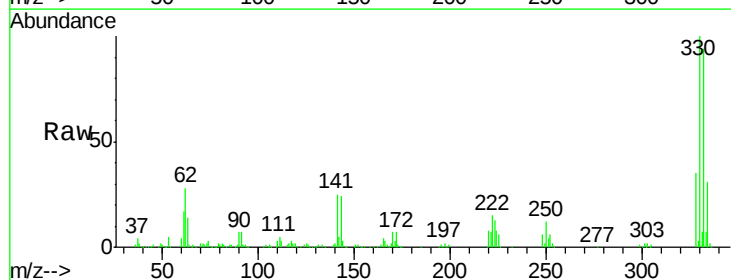
Tgt Ion: 330 Resp: 648226

Ion Ratio Lower Upper

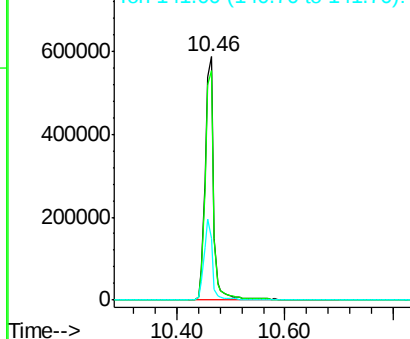
330 100

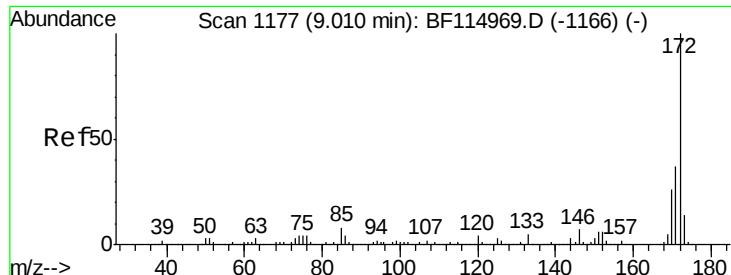
332 94.2 77.6 116.4

141 32.6 27.2 40.8



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



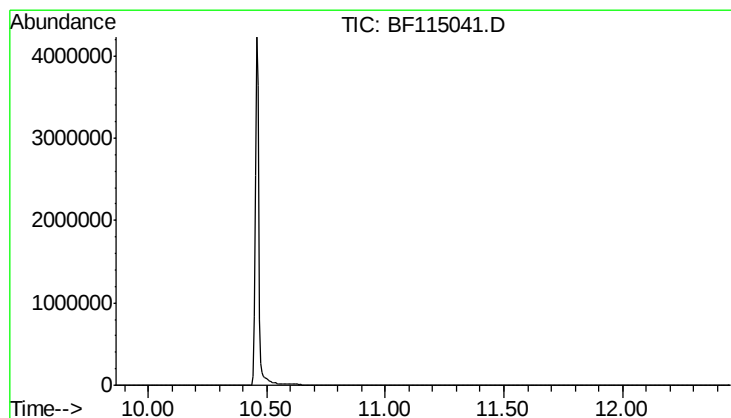
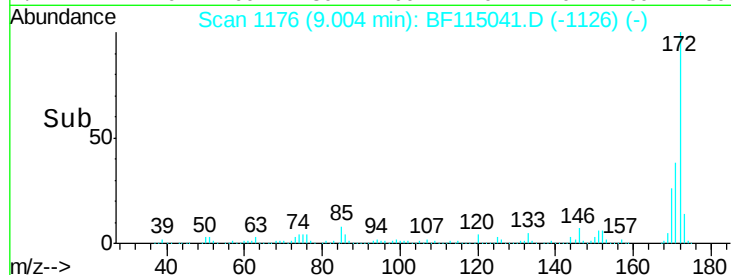
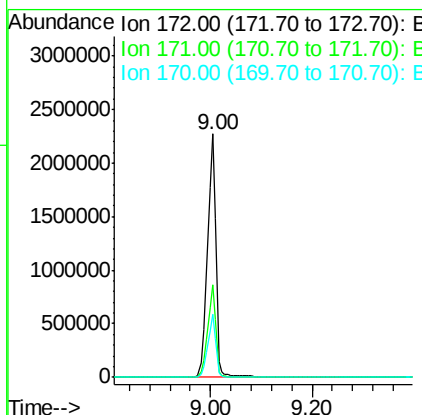
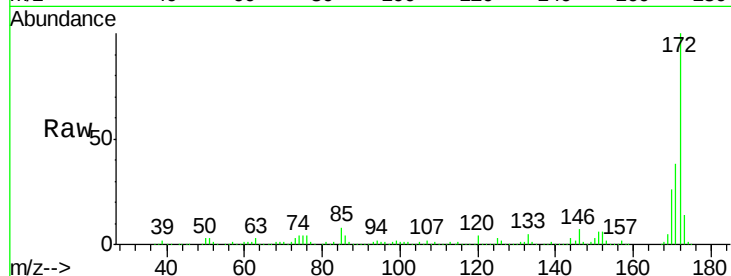


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115041.D
 Acq: 14 Jun 2019 15:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2663271

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.6
170	25.8	20.6	31.0

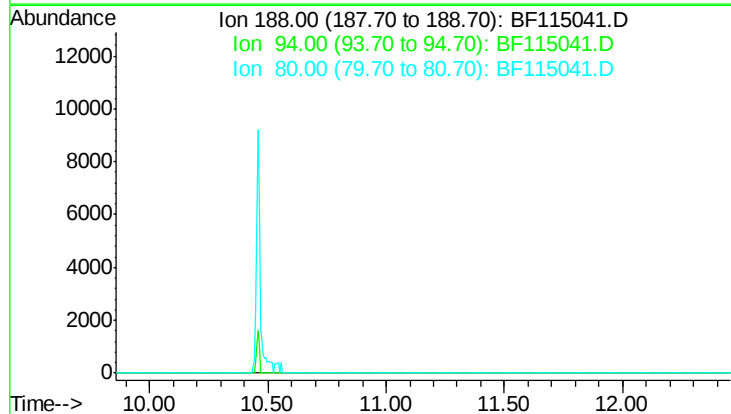


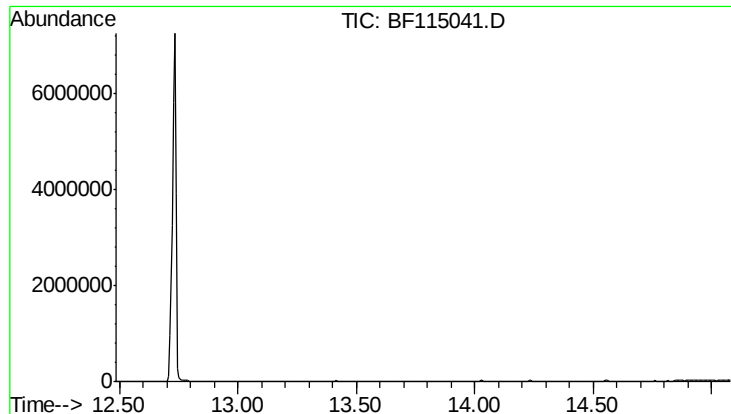
#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 11.16 min

Lab File: BF115041.D
 Acq: 14 Jun 2019 15:48

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	9.0
80	9.3





#76

Chrysene-d12

Concen: 0.000 ng

Expected RT: 13.78 min

Lab File: BF115041.D

Acq: 14 Jun 2019 15:48

Tot Ion: 240

Sig Exp Ratio

240 100

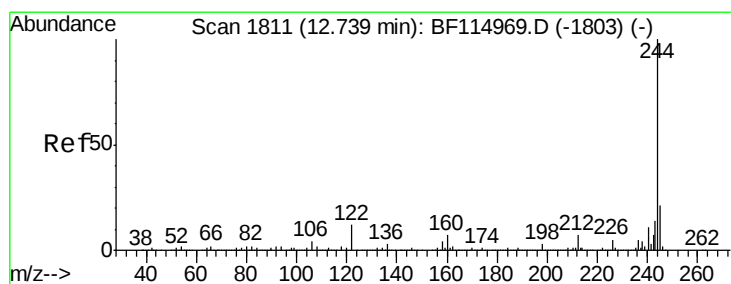
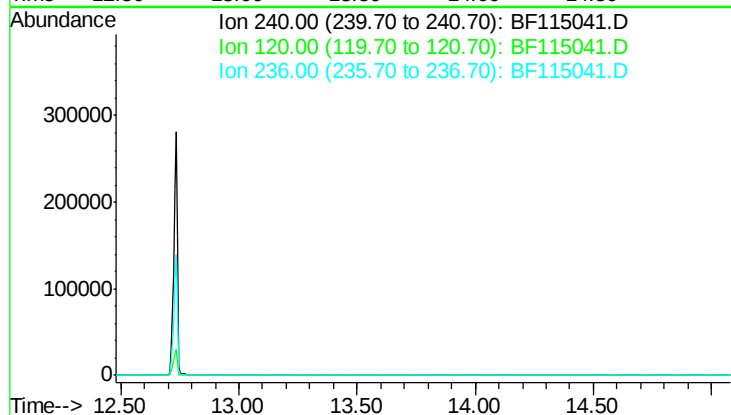
120 12.5

236 27.0

Instrument :

BNA_F

ClientSampleId :



#79

Terphenyl-d14

Concen: 0.000 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115041.D

Acq: 14 Jun 2019 15:48

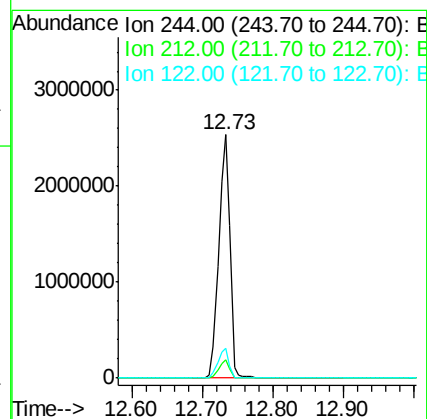
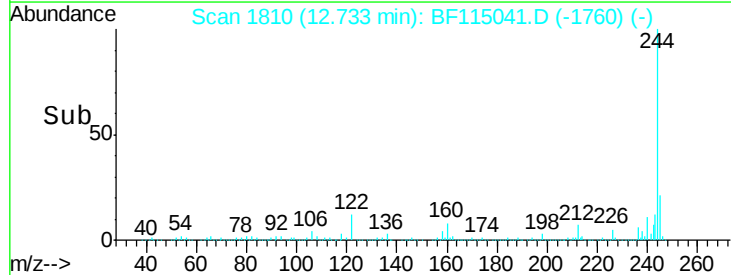
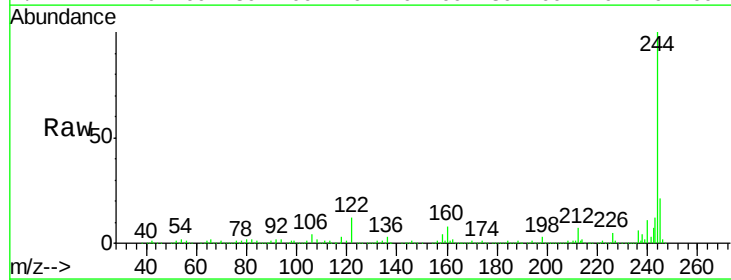
Tgt Ion:244 Resp: 2810585

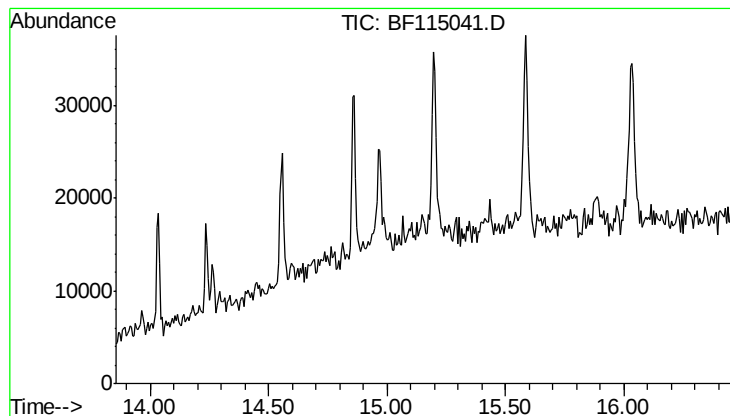
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 12.4 9.4 14.0





#87
Pervlene-d12
Concen: 0.000 ng
Expected RT: 15.15 min
Lab File: BF115041.D
Acq: 14 Jun 2019 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264
Sig Exp Ratio
264 100
260 24.9
265 22.0

