

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116923.D
 Acq On : 10 Sep 2019 16:06
 Operator : HP/JU
 Sample : PB122853BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 10 17:49:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

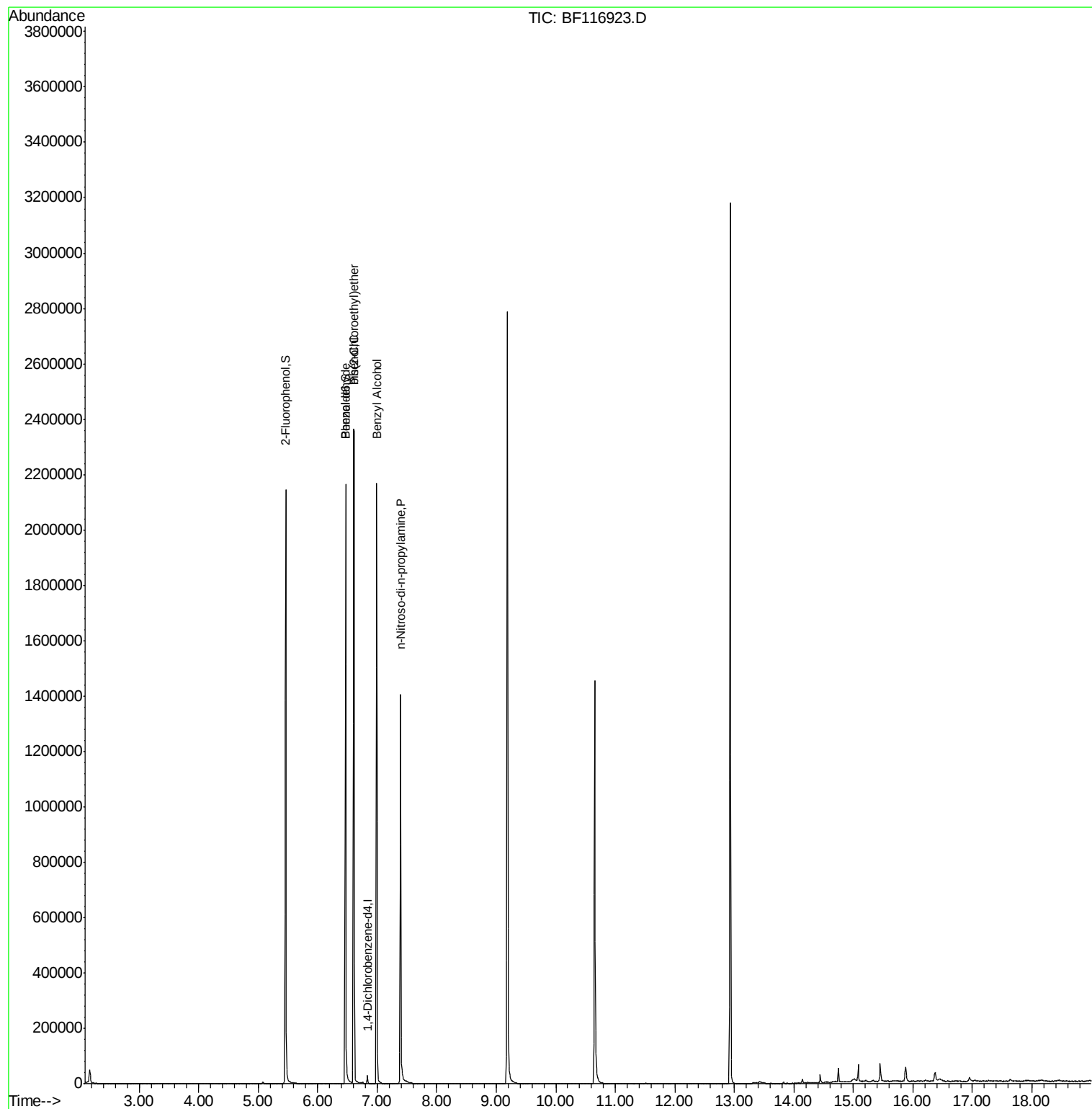
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	4858	20.00	ng	-0.02
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.13
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.89
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.37
76) Chrysene-d12	0.00	240	0	0.00	ng	-14.00
87) Perylene-d12	0.00	264	0	0.00	ng	-15.44
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	669854	2233.84	ng	0.00
7) Phenol-d6	6.47	99	898249	2281.23	ng	-0.01
23) Nitrobenzene-d5	7.39	82	575845	0.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	198008	0.00	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1034254	0.00	ng	-0.02
79) Terphenyl-d14	12.93	244	1018689	0.00	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.47	77	1206	4.649	ng	# 2
10) Phenol	6.60	94	1357	3.112	ng	# 1
11) bis(2-Chloroethyl)ether	6.60	93	1027	3.025	ng	# 1
15) Benzyl Alcohol	6.99	79	9626	30.116	ng	# 51
19) n-Nitroso-di-n-propylamine	7.39	70	75186	289.999	ng	# 75

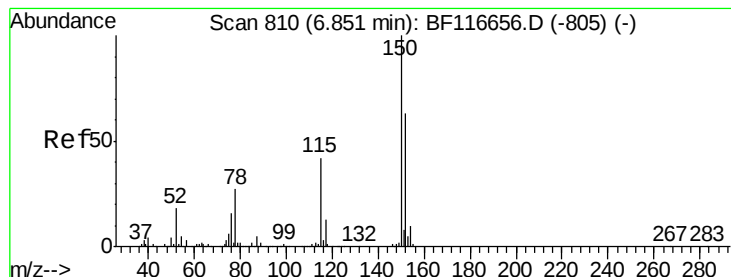
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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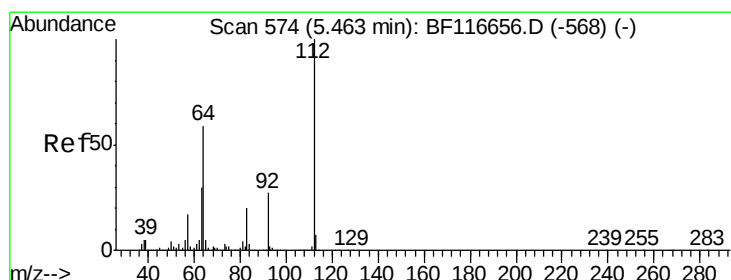
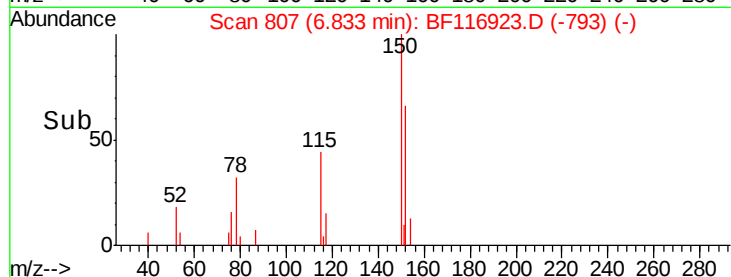
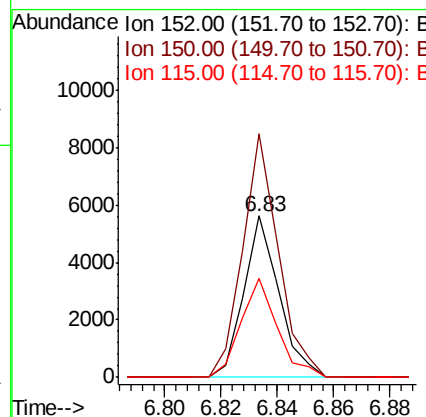
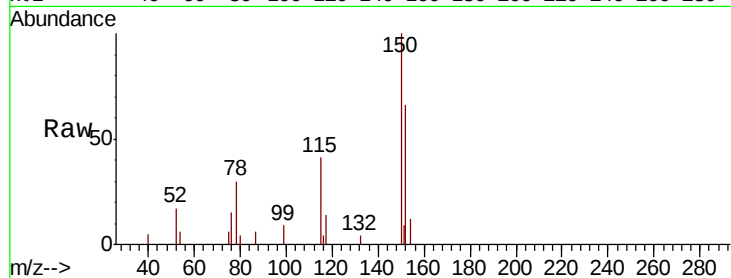




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF116923.D
 Acq: 10 Sep 2019 16:06

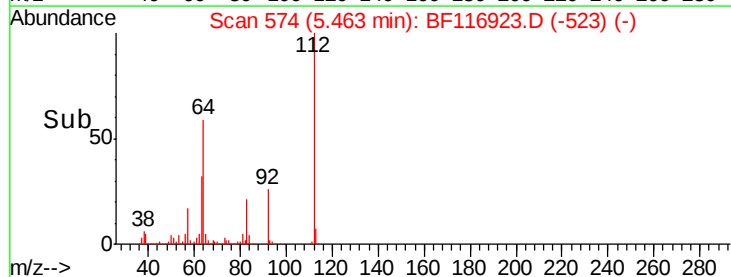
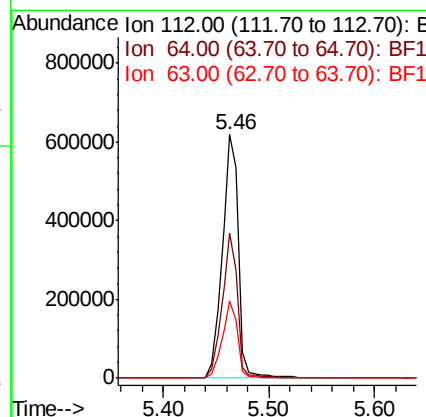
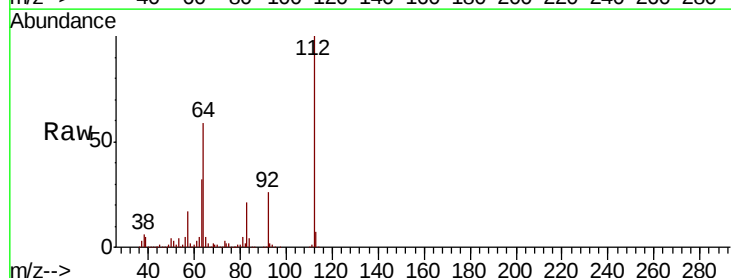
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.4	186.6
115	61.6	49.9	74.9



#5
 2-Fluorophenol
 Concen: 2233.845 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF116923.D
 Acq: 10 Sep 2019 16:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.1	70.7
63	31.6	24.9	37.3





#7

Phenol-d6

Concen: 2281.226 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

Instrument :

BNA_F

ClientSampleId :

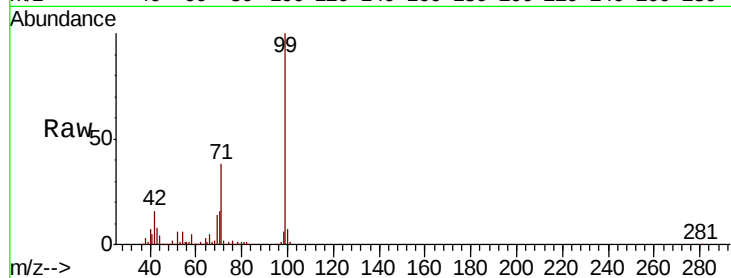
Tot Ion: 99 Resp: 898249

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

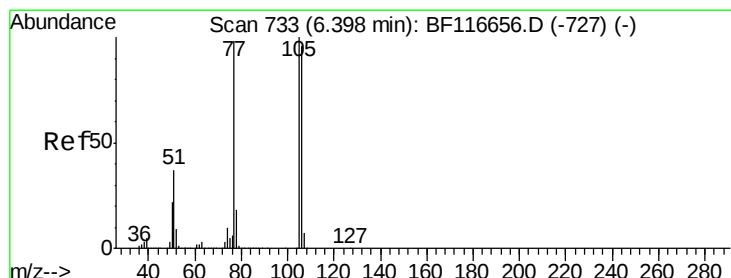
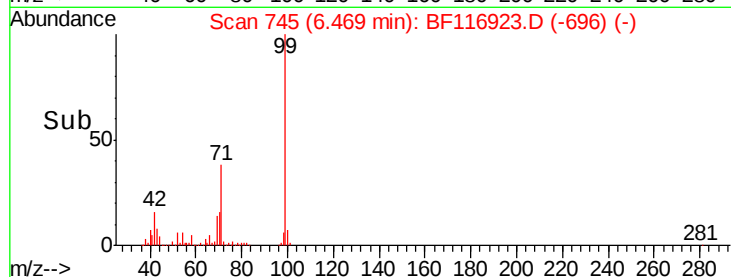
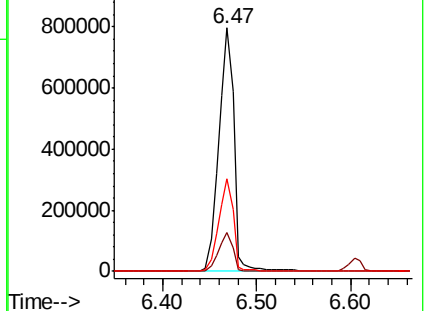
71 38.0 30.8 46.2



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



#9

Benzaldehyde

Concen: 4.649 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.07 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

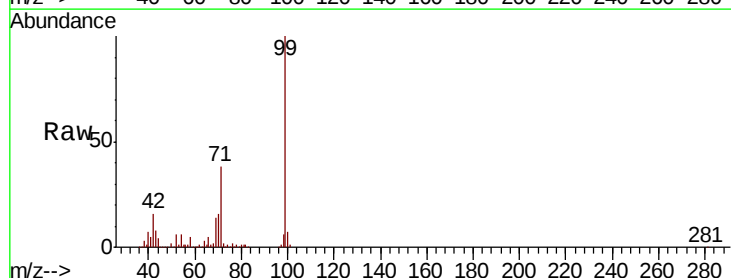
Tgt Ion: 77 Resp: 1206

Ion Ratio Lower Upper

77 100

105 0.0 76.7 116.7#

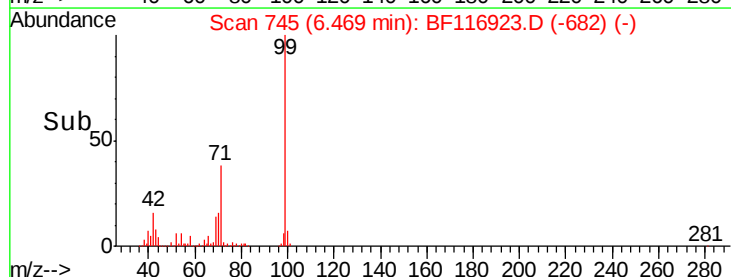
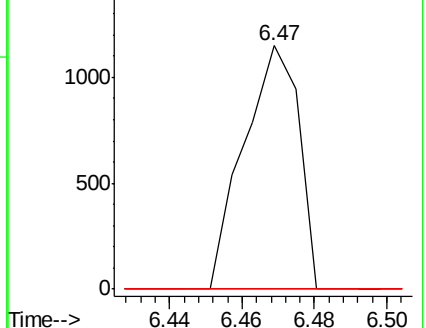
106 0.0 73.1 113.1#

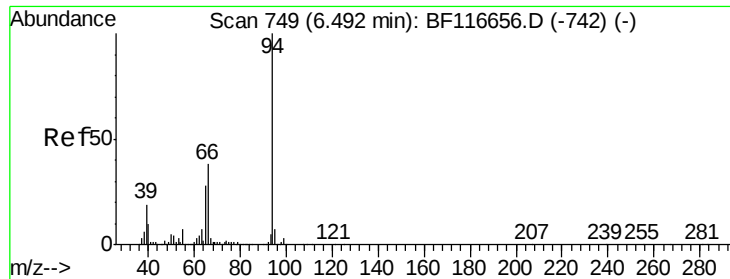


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.112 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.11 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

Instrument :

BNA_F

ClientSampled :

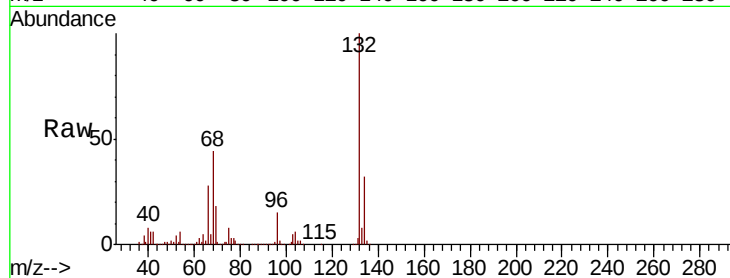
Tot Ion: 94 Resp: 1357

Ion Ratio Lower Upper

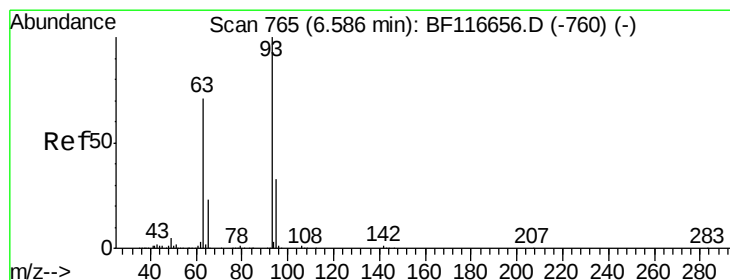
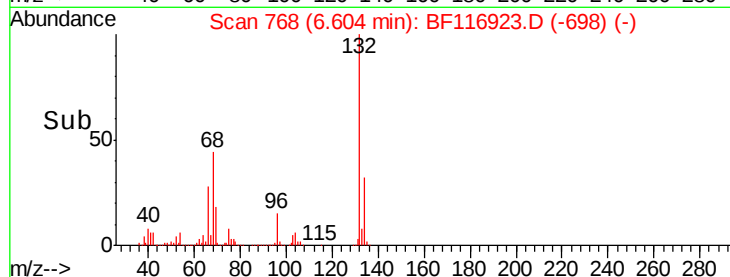
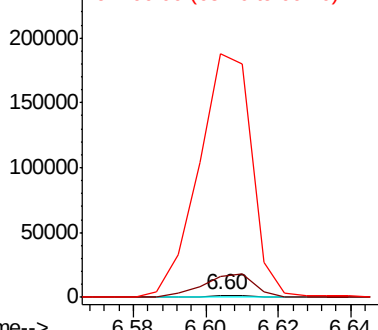
94 100

65 1229.0 10.8 50.8#

66 14439.4 21.1 61.1#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 3.025 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

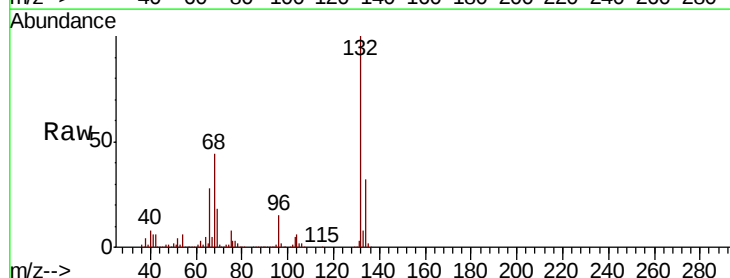
Tgt Ion: 93 Resp: 1027

Ion Ratio Lower Upper

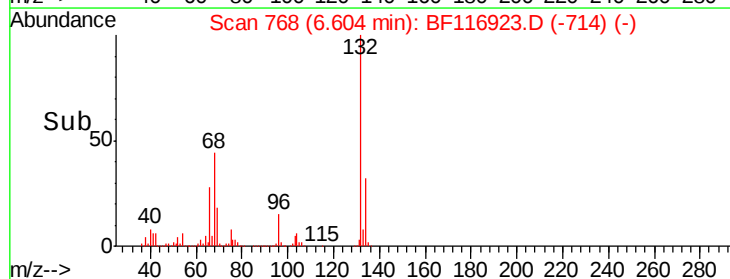
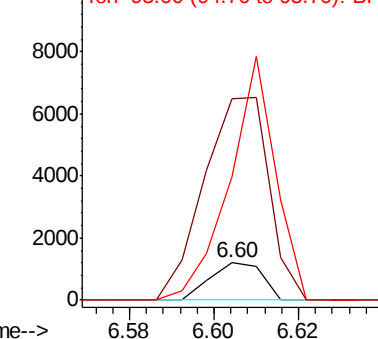
93 100

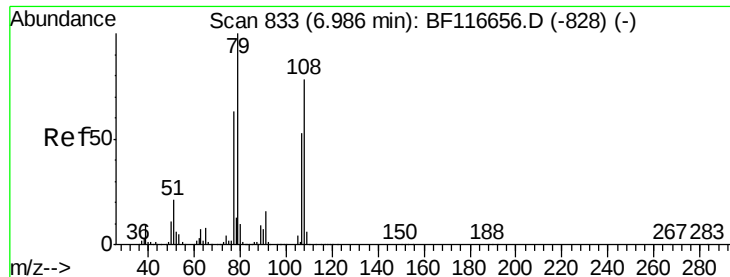
63 541.7 49.9 89.9#

95 332.7 12.7 52.7#



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: 30.116 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

Instrument :

BNA_F

ClientSampleId :

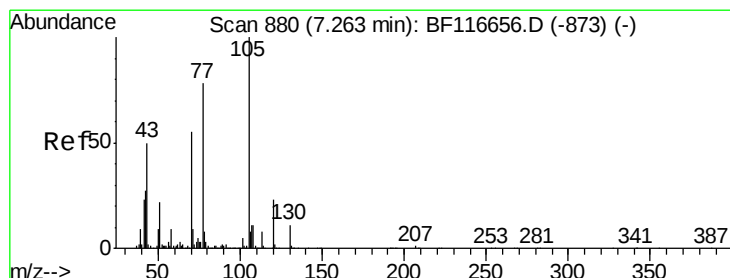
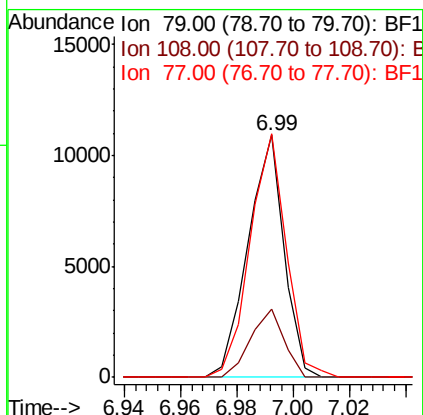
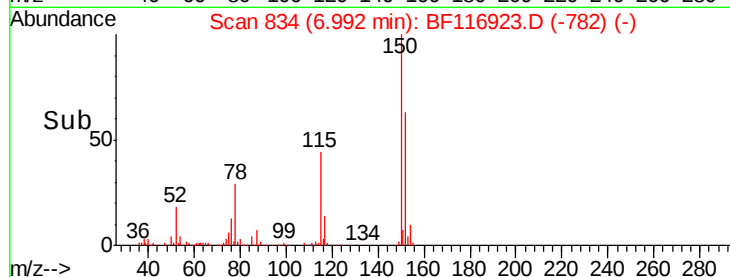
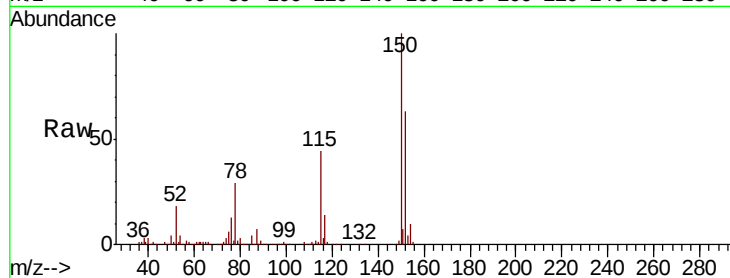
Tot Ion: 79 Resp: 9626

Ion Ratio Lower Upper

79 100

108 28.0 59.2 88.8#

77 100.6 53.0 79.4#



#19

n-Nitroso-di-n-propylamine

Concen: 289.999 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

Tgt Ion: 70 Resp: 75186

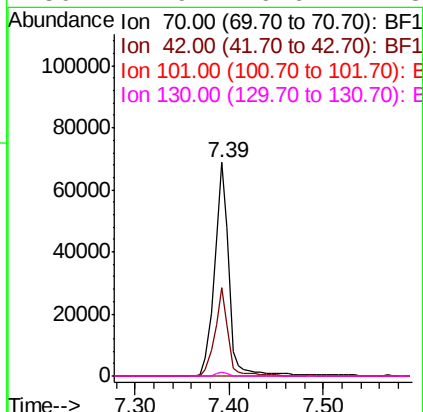
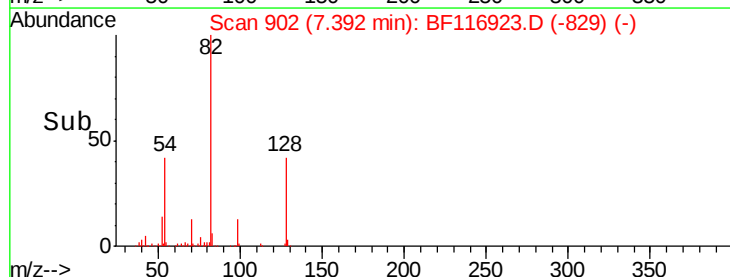
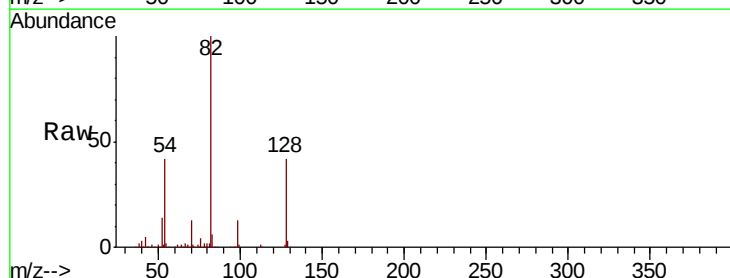
Ion Ratio Lower Upper

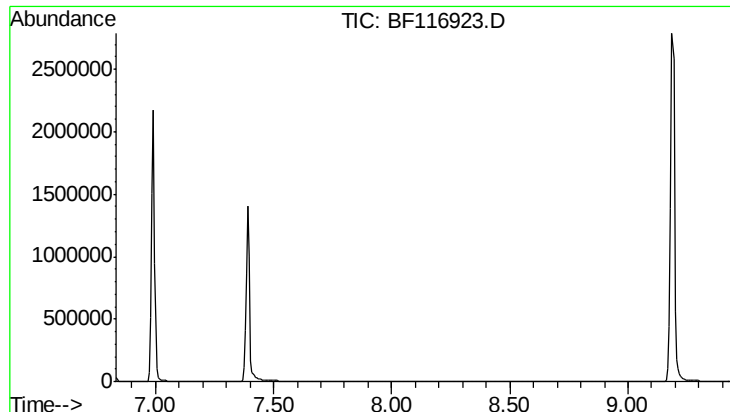
70 100

42 41.3 43.5 65.3#

101 0.0 7.8 11.6#

130 1.9 16.6 24.8#

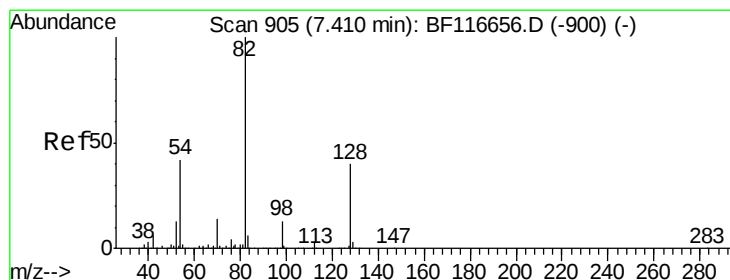
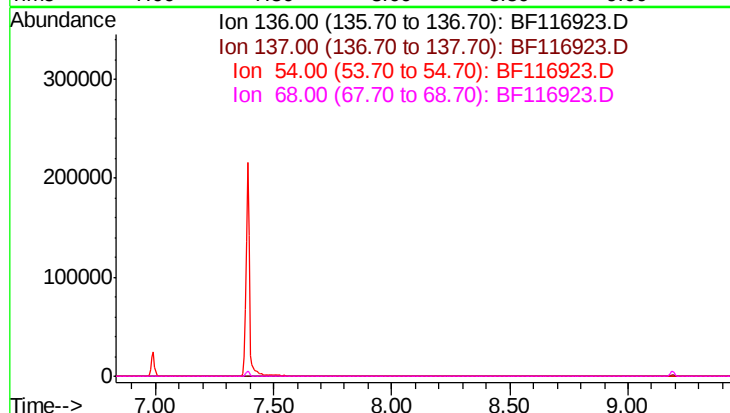




#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.13 min
Lab File: BF116923.D
Acq: 10 Sep 2019 16:06

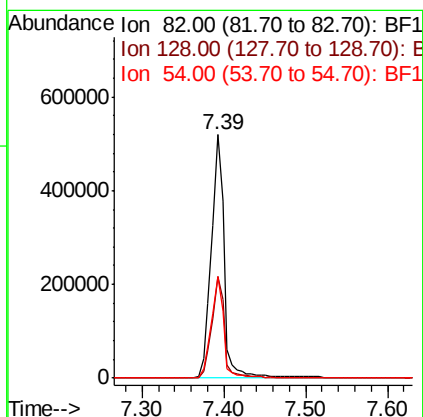
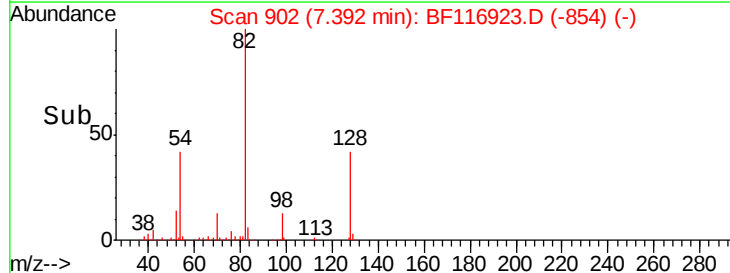
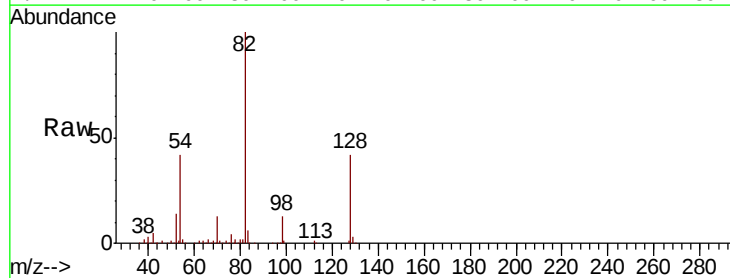
Instrument :
BNA_F
ClientSampleId :

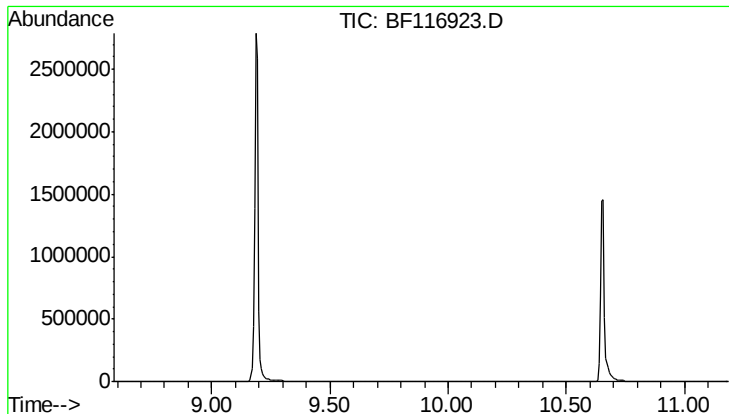
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.1
54 6.0
68 5.0



#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF116923.D
Acq: 10 Sep 2019 16:06

Tgt Ion: 82 Resp: 575845
Ion Ratio Lower Upper
82 100
128 41.5 32.8 49.2
54 41.5 36.9 55.3

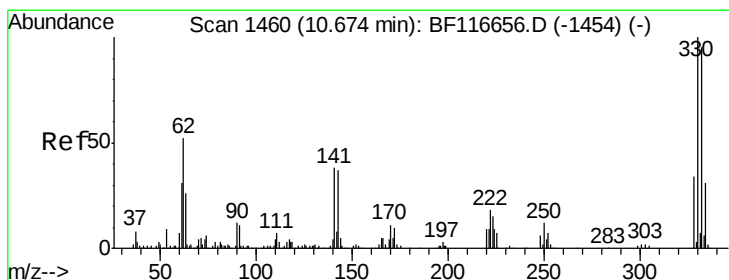
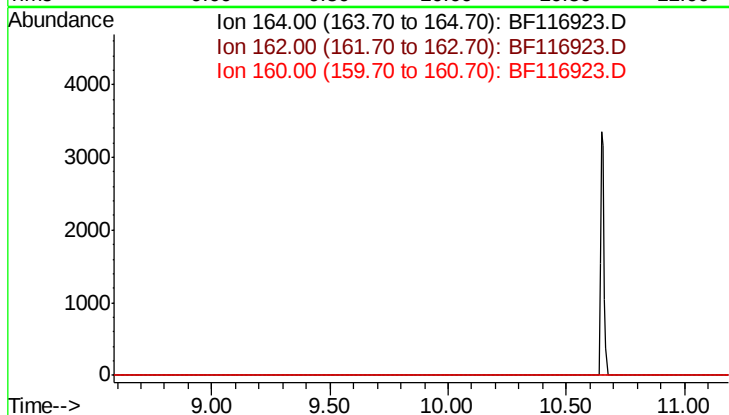




#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.89 min
 Lab File: BF116923.D
 Acq: 10 Sep 2019 16:06

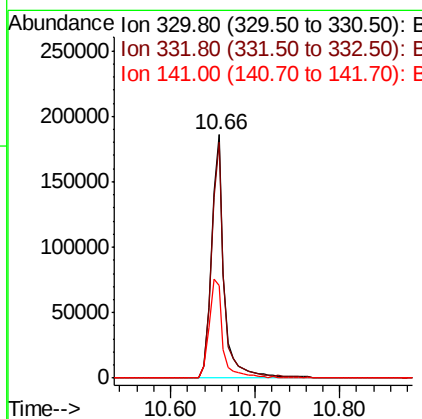
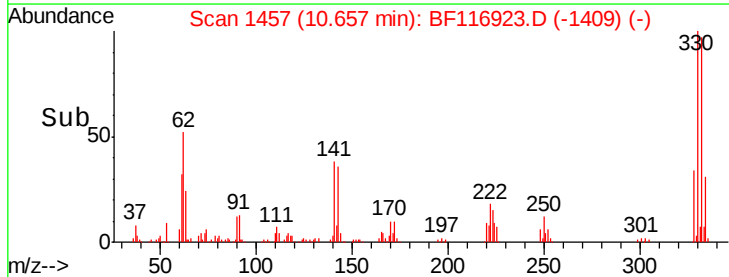
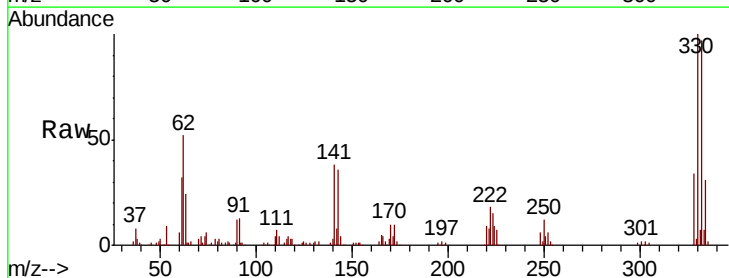
Instrument :
 BNA_F
 ClientSampleId :

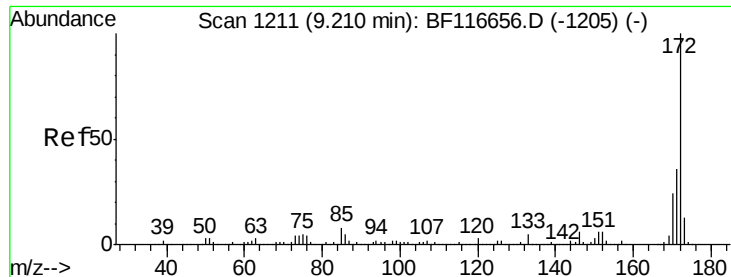
Tot Ion: 164
 Sig Exp Ratio
 164 100
 162 101.7
 160 44.3



#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF116923.D
 Acq: 10 Sep 2019 16:06

Tgt Ion: 330 Resp: 198008
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.9 115.3
 141 44.2 31.4 47.2



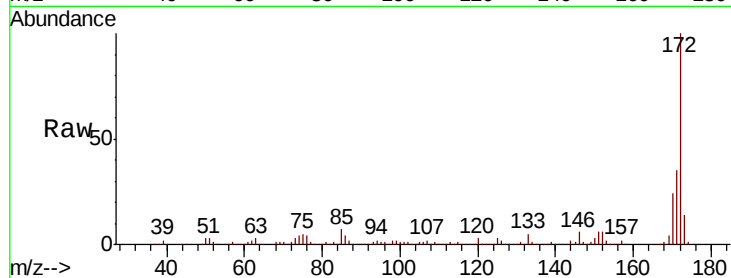


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116923.D
 Acq: 10 Sep 2019 16:06

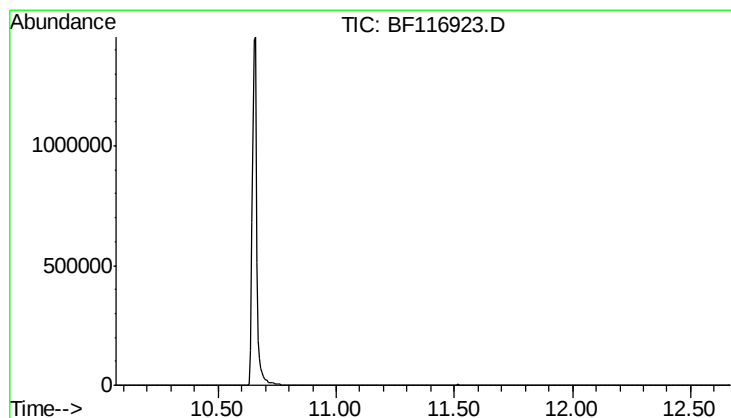
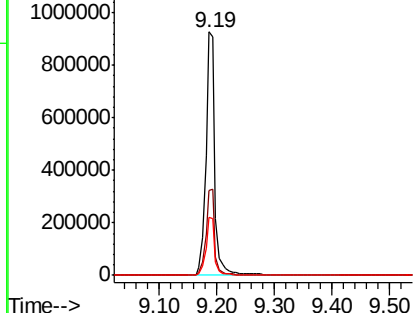
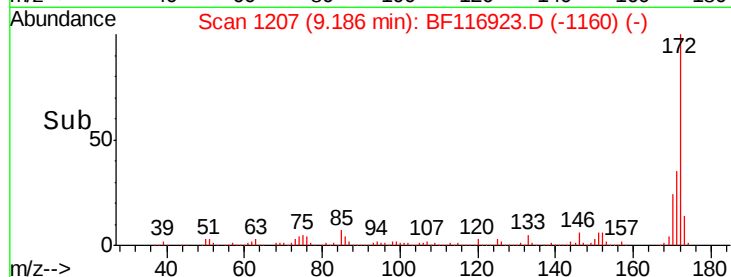
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1034254

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.6	18.9	28.3



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

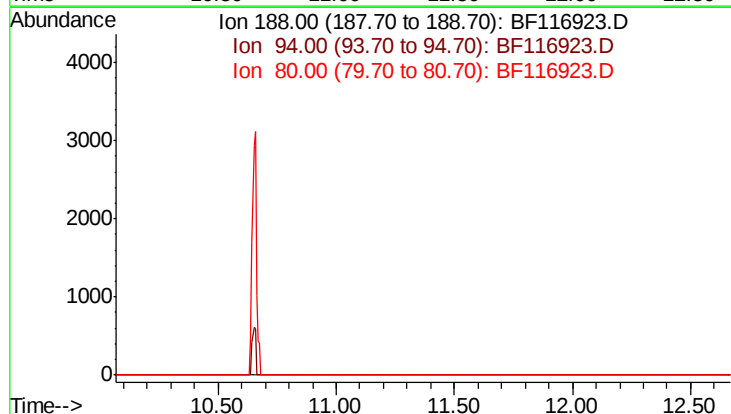


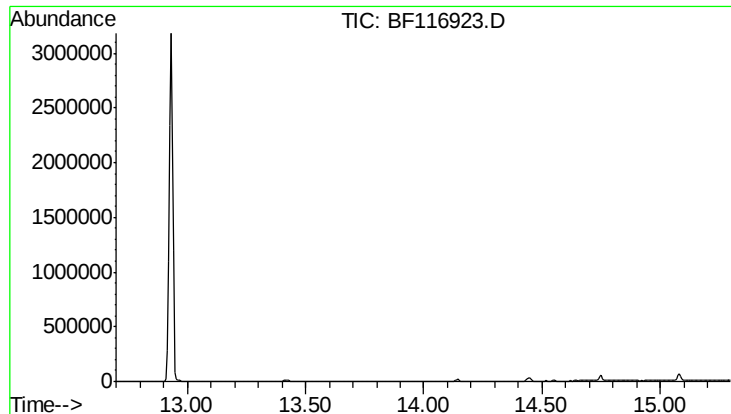
#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 11.37 min

Lab File: BF116923.D
 Acq: 10 Sep 2019 16:06

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	9.1
80	10.5

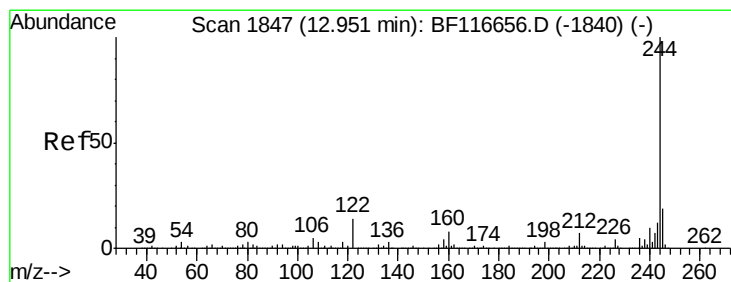
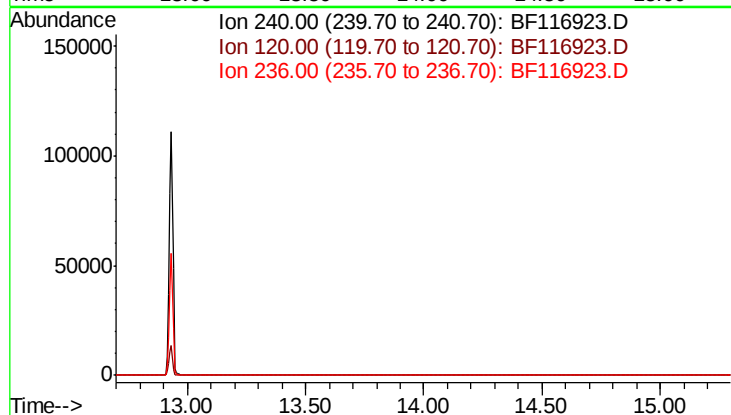




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 14.00 min
 Lab File: BF116923.D
 Acq: 10 Sep 2019 16:06

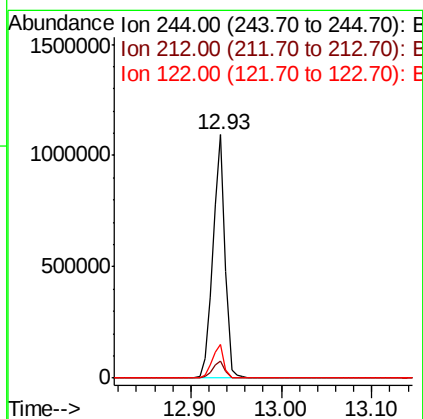
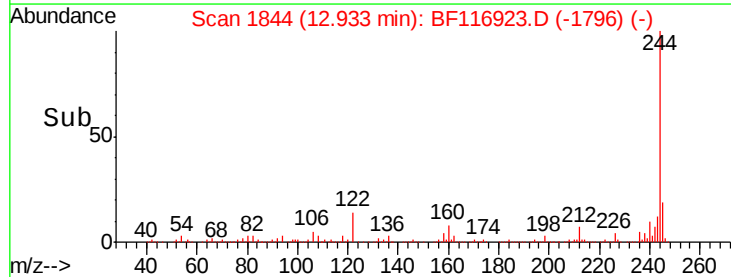
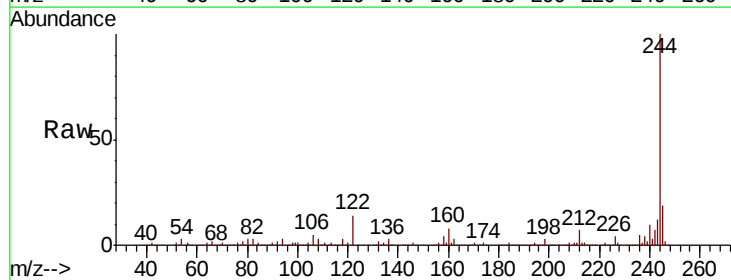
Instrument :
 BNA_F
 ClientSampleId :

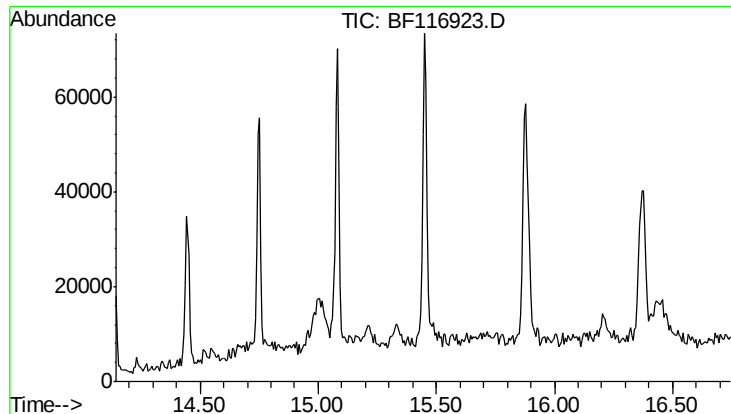
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 11.4
 236 26.4



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116923.D
 Acq: 10 Sep 2019 16:06

Tgt Ion: 244 Resp: 1018689
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 14.0 10.2 15.4





#87
Pervlene-d12
Concen: 0.000 ng
Expected RT: 15.44 min
Lab File: BF116923.D
Acq: 10 Sep 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264
Sig Exp Ratio
264 100
260 22.9
265 20.6

