

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 :
 PB122853BL

Quant Time: Sep 10 18:01:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

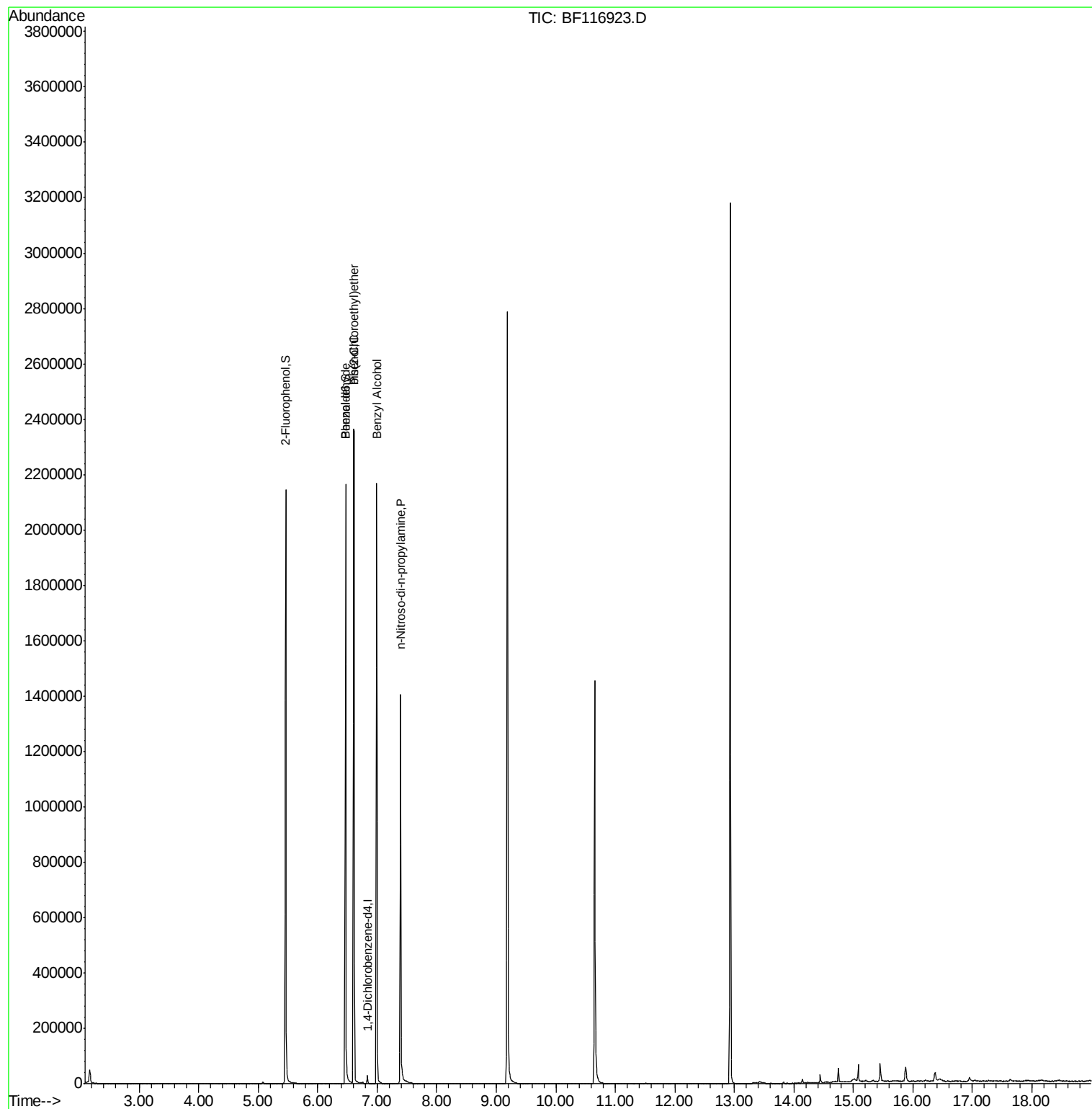
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	4858	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.12
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.87
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.35
76) Chrysene-d12	0.00	240	0	0.00	ng	-13.99
87) Perylene-d12	0.00	264	0	0.00	ng	-15.43
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	669854	2233.84	ng	0.01
7) Phenol-d6	6.47	99	898249	2281.23	ng	0.00
23) Nitrobenzene-d5	7.39	82	575845	0.00	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	198008	0.00	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1034254	0.00	ng	0.00
79) Terphenyl-d14	12.93	244	1018689	0.00	ng	0.00
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

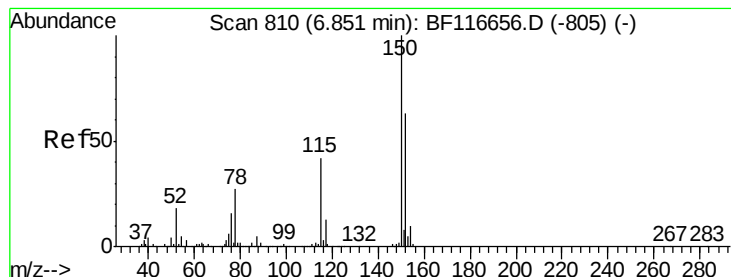
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

Instrument :

BNA_F

ClientSampleId :

PB122853BL

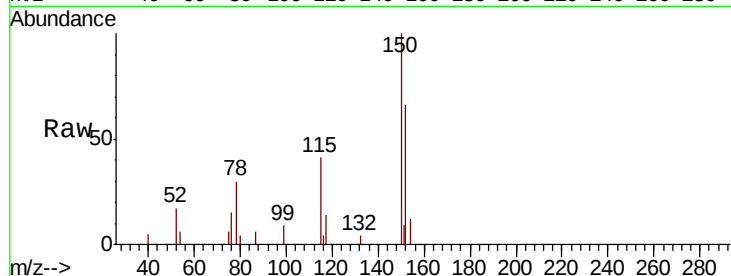
Tot Ion:152 Resp: 4858

Ion Ratio Lower Upper

152 100

150 151.1 124.4 186.6

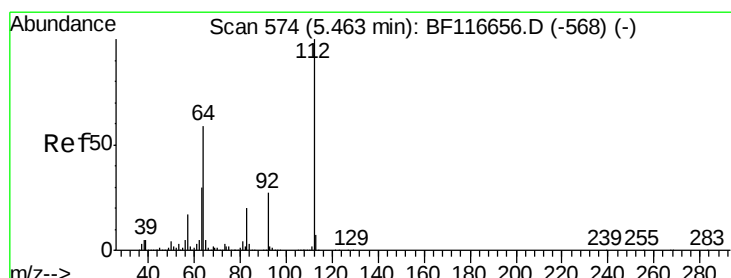
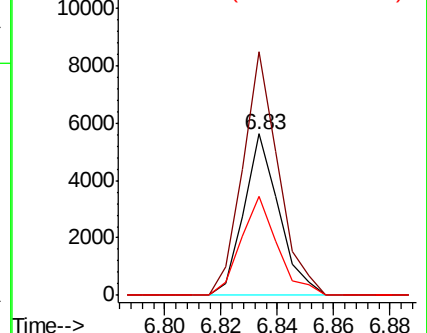
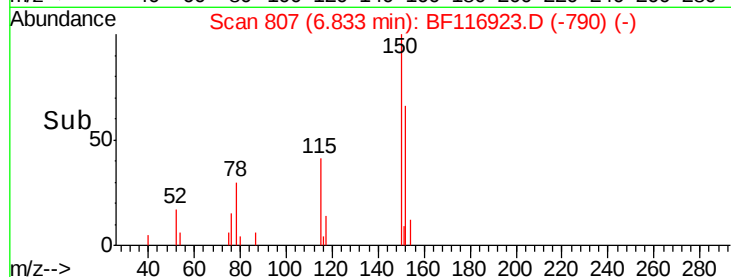
115 61.6 49.9 74.9



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: 2233.845 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

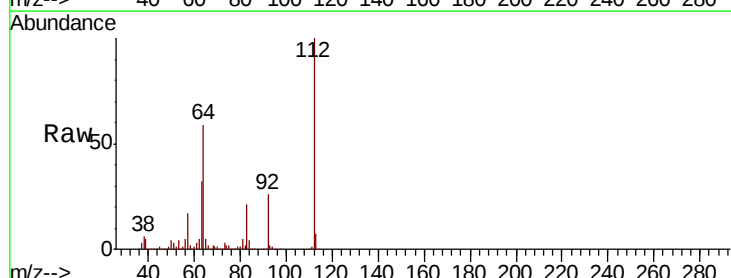
Tgt Ion:112 Resp: 669854

Ion Ratio Lower Upper

112 100

64 59.5 47.1 70.7

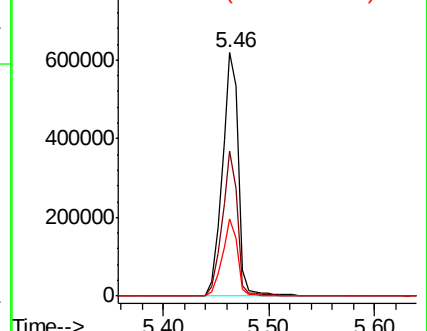
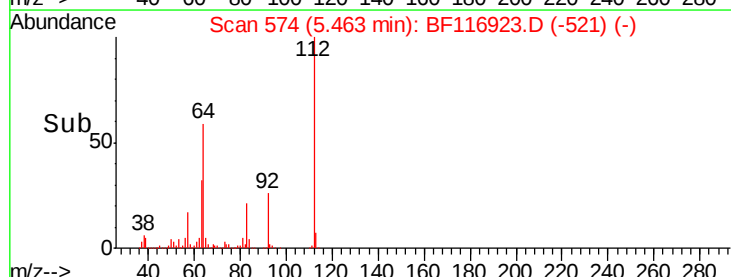
63 31.6 24.9 37.3



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: 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 :

PB122853BL

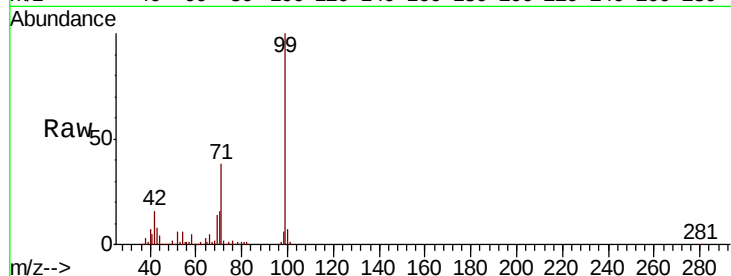
Tot Ion: 99 Resp: 898249

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

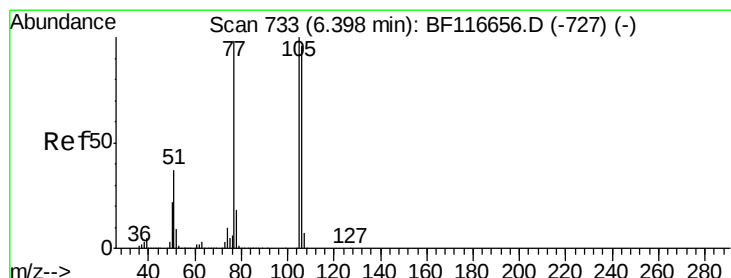
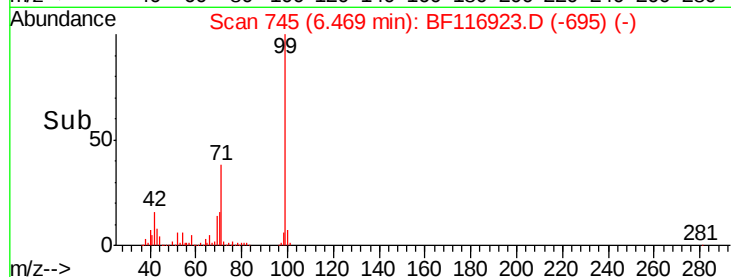
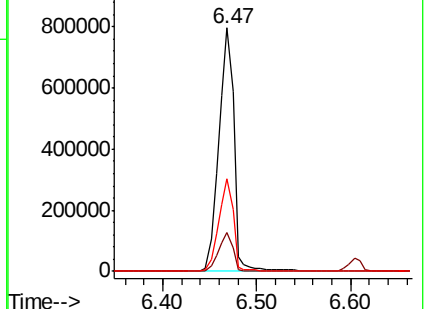
71 38.0 30.8 46.2



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. 0.08 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

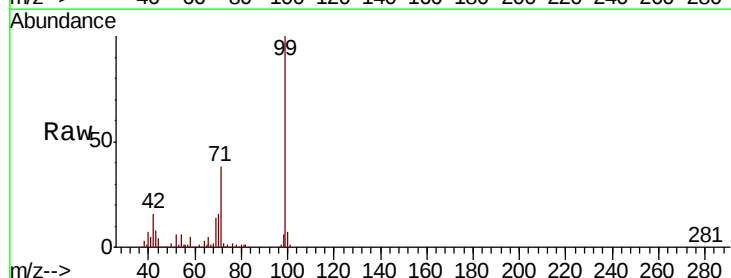
Tgt Ion: 77 Resp: 1206

Ion Ratio Lower Upper

77 100

105 0.0 76.7 116.7#

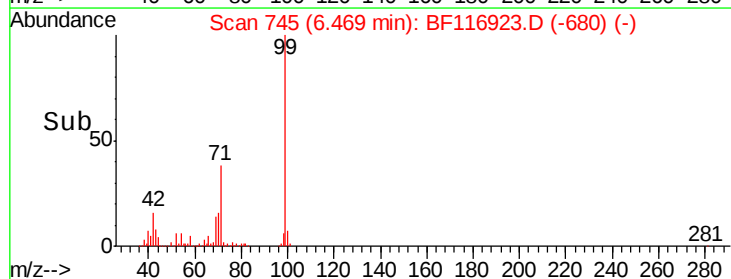
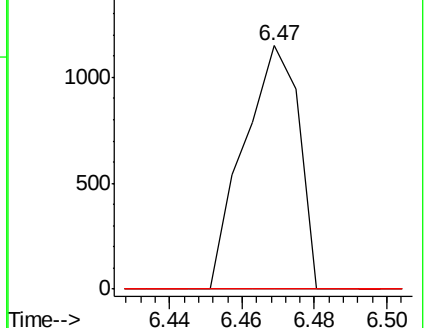
106 0.0 73.1 113.1#

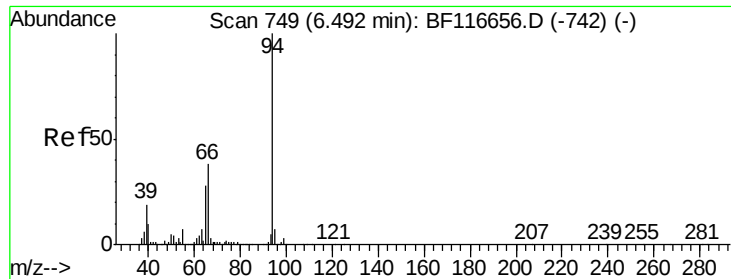


Abundance Ion 77.00 (76.70 to 77.70): BF1

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. 0.12 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

Instrument :

BNA_F

ClientSampleId :

PB122853BL

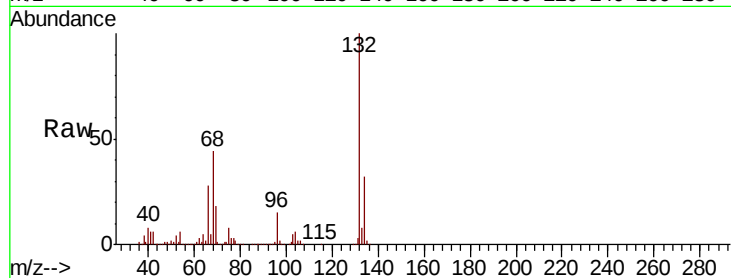
Tot Ion: 94 Resp: 1357

Ion Ratio Lower Upper

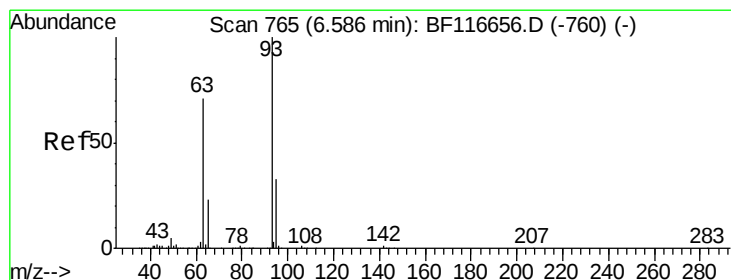
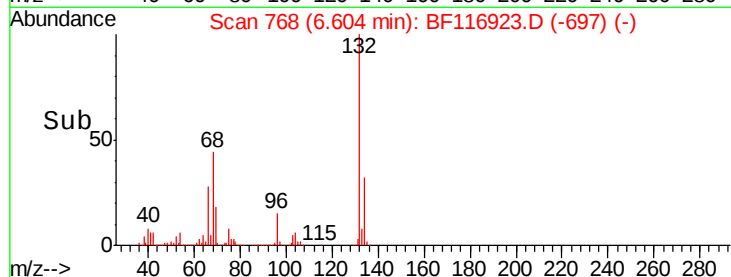
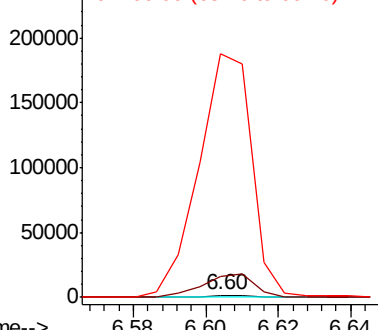
94 100

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. 0.03 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

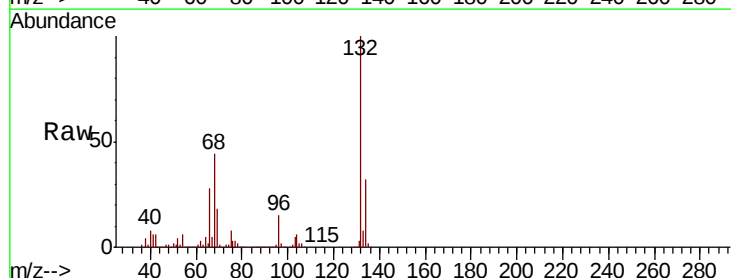
Tgt Ion: 93 Resp: 1027

Ion Ratio Lower Upper

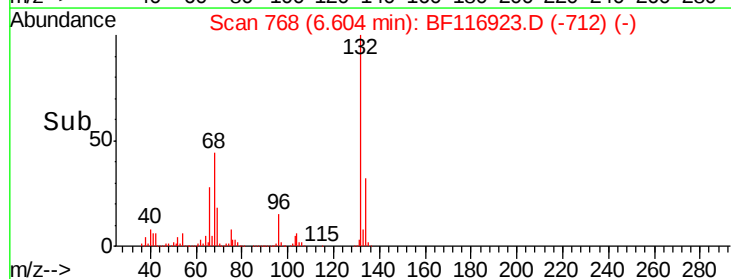
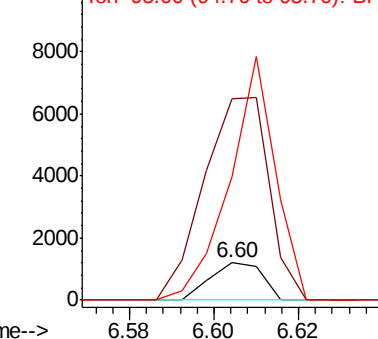
93 100

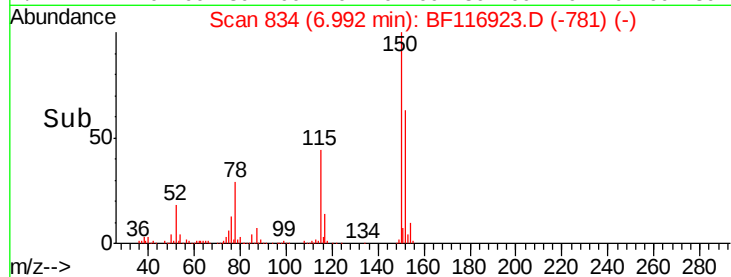
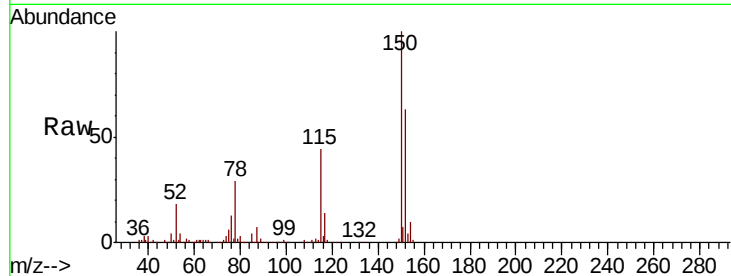
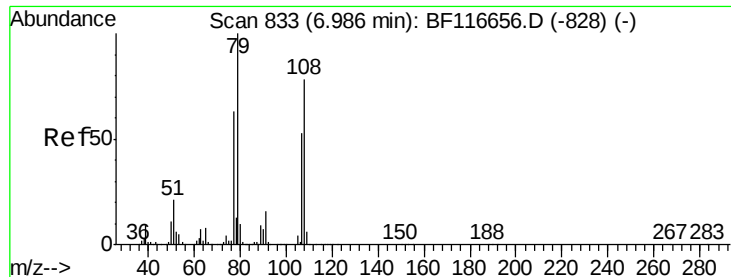
63 541.7 49.9 89.9#

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 :

PB122853BL

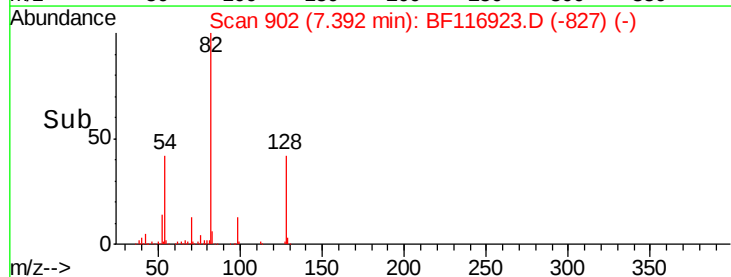
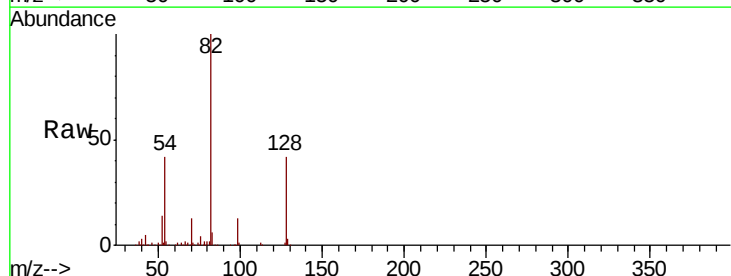
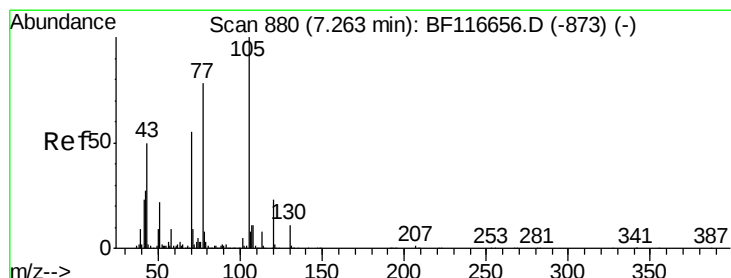
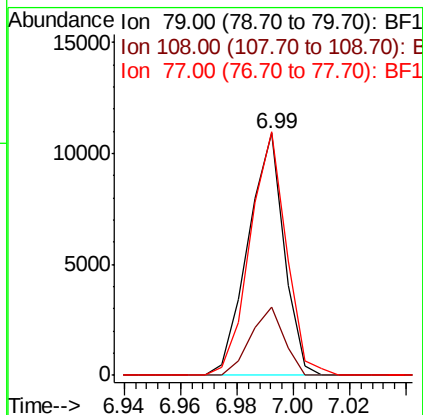
Tot Ion: 79 Resp: 9626

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. 0.14 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

Tgt Ion: 70 Resp: 75186

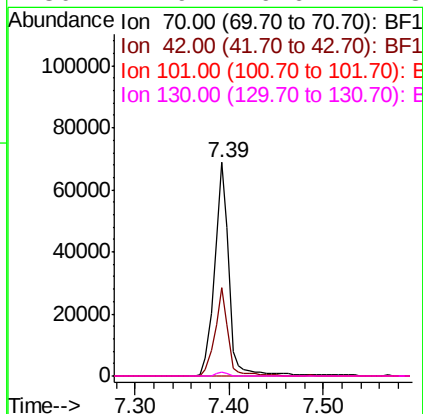
Ion Ratio Lower Upper

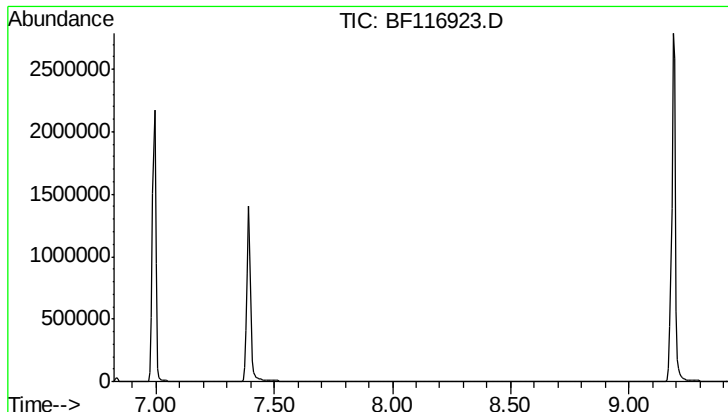
70 100

42 41.3 43.5 65.3#

101 0.0 7.8 11.6#

130 1.9 16.6 24.8#



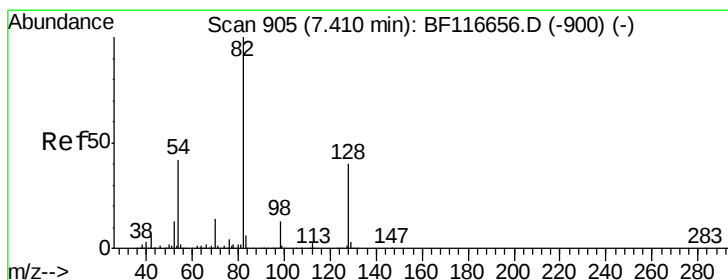
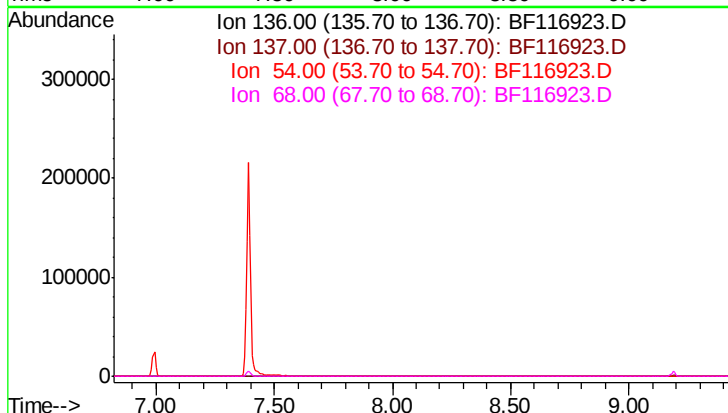


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.12 min

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

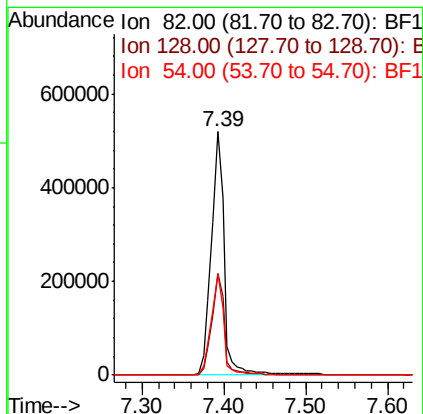
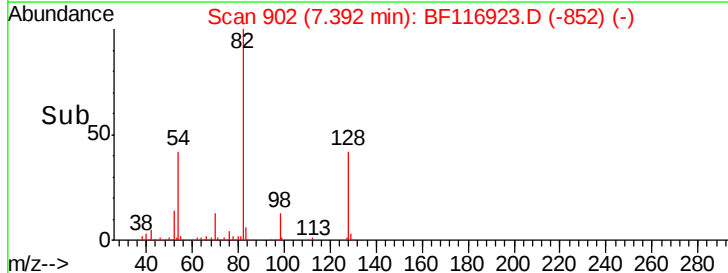
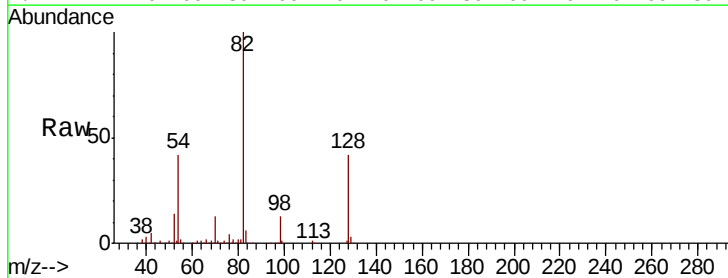
Instrument :
BNA_F
ClientSampleId :
PB122853BL

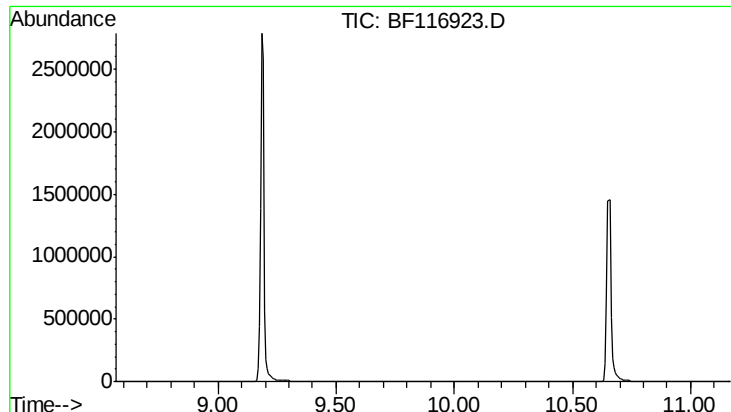
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.1
54 6.0
68 5.0



#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 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: 9.87 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

Instrument :

BNA_F

ClientSampleId :

PB122853BL

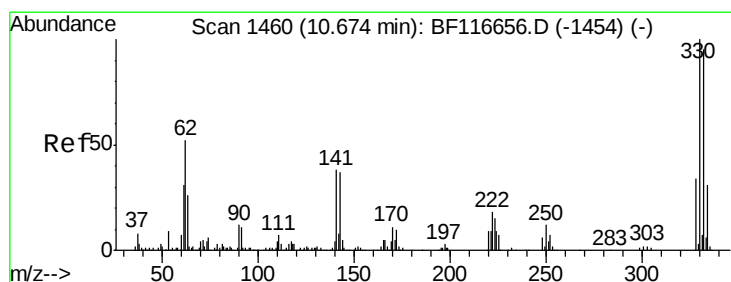
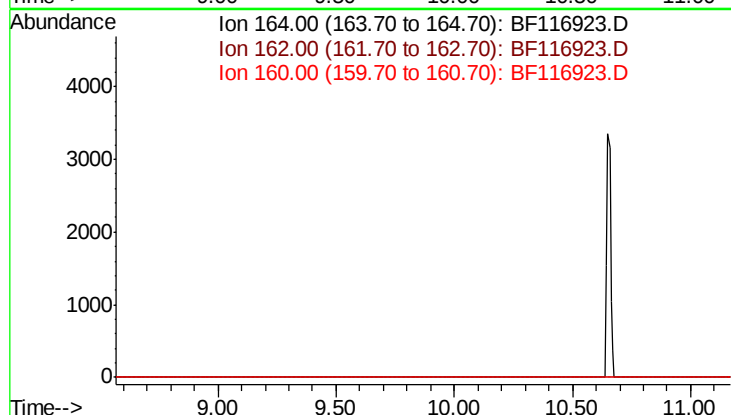
Tot Ion: 164

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. 0.00 min

Lab File: BF116923.D

Acq: 10 Sep 2019 16:06

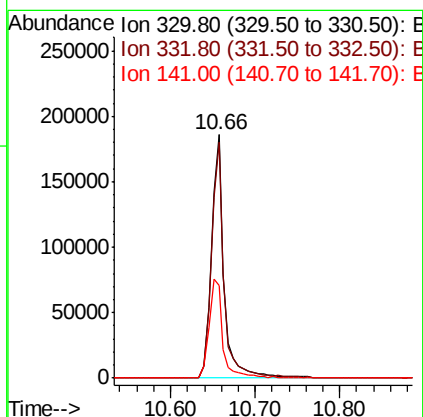
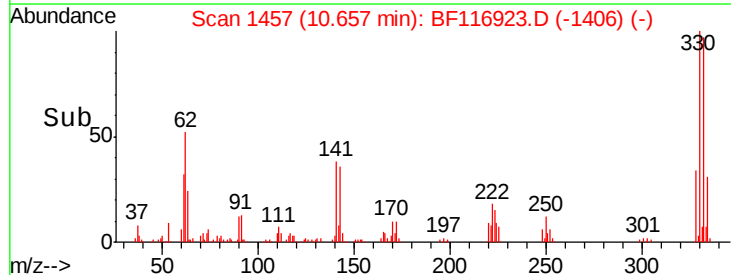
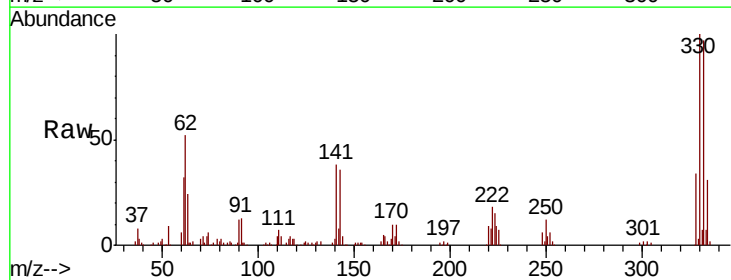
Tgt Ion: 330 Resp: 198008

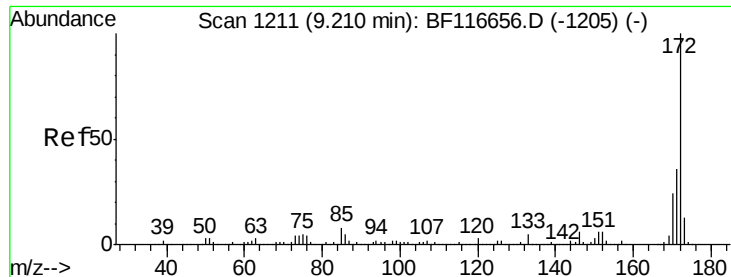
Ion Ratio Lower Upper

330 100

332 97.4 76.9 115.3

141 44.2 31.4 47.2



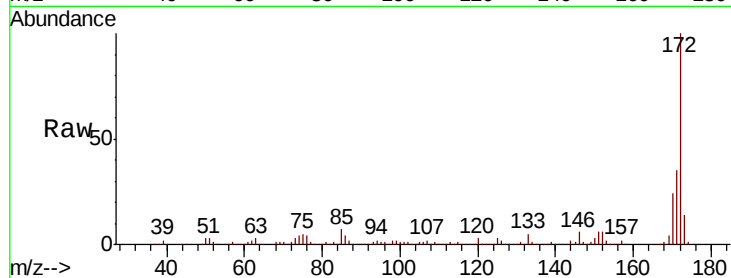


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF116923.D
 Acq: 10 Sep 2019 16:06

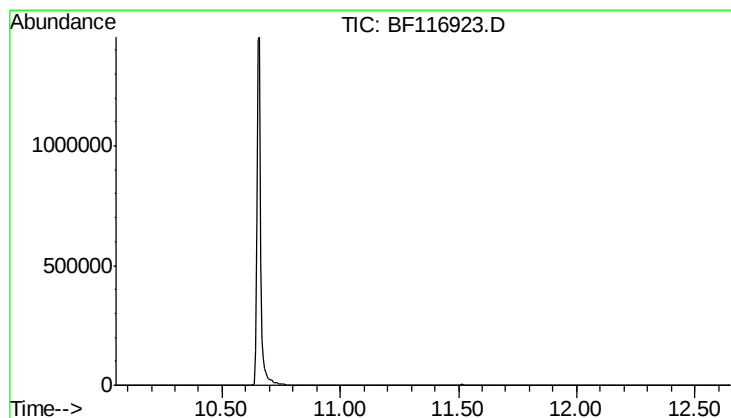
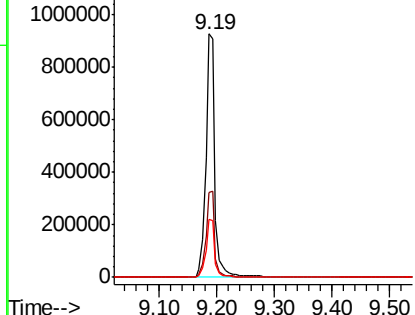
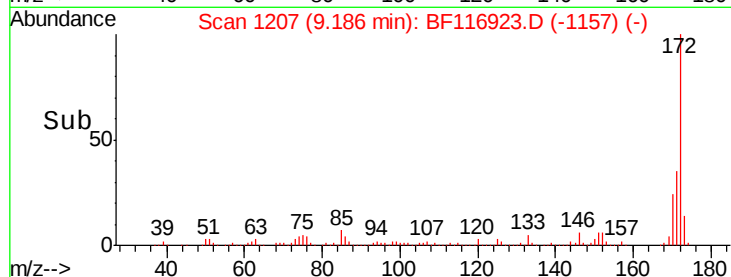
Instrument :
 BNA_F
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 PB122853BL

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

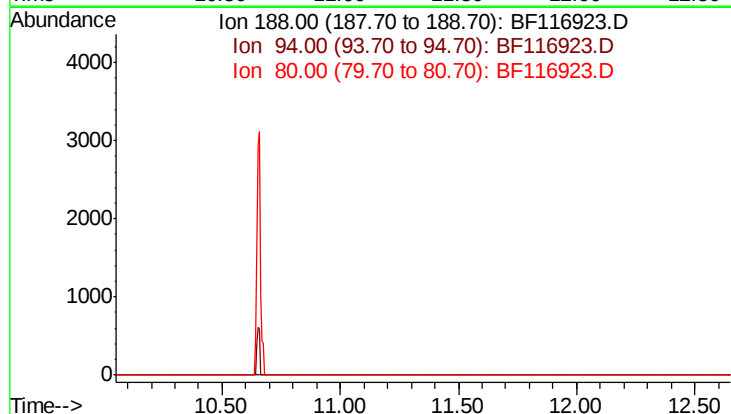


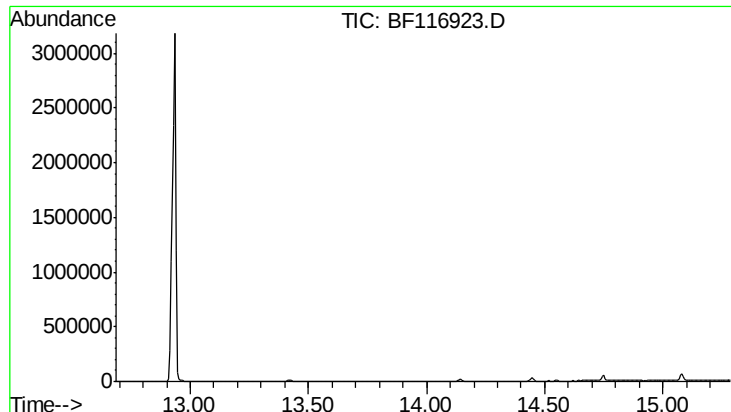
#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 11.35 min

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

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	9.1
80	10.5

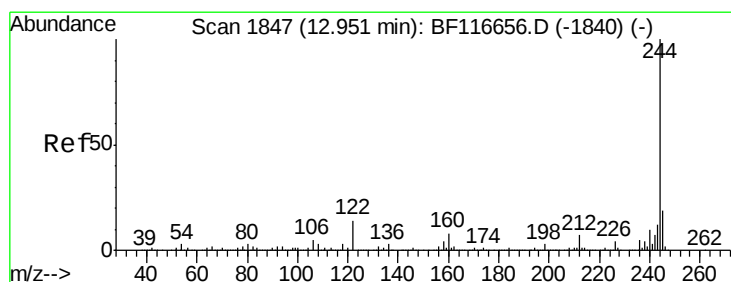
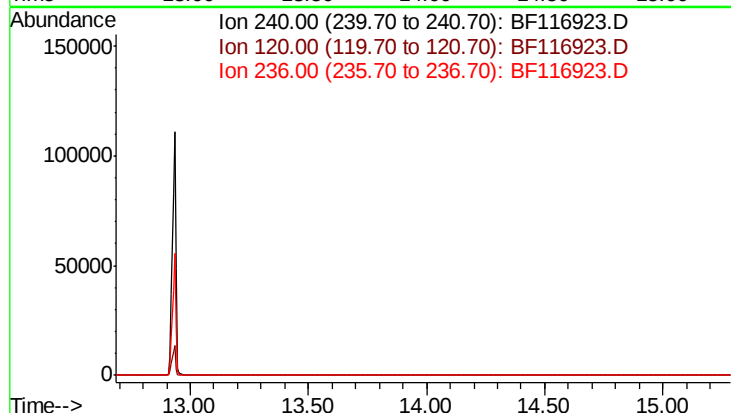




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 13.99 min
 Lab File: BF116923.D
 Acq: 10 Sep 2019 16:06

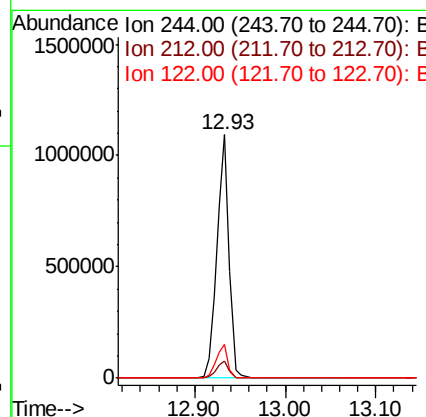
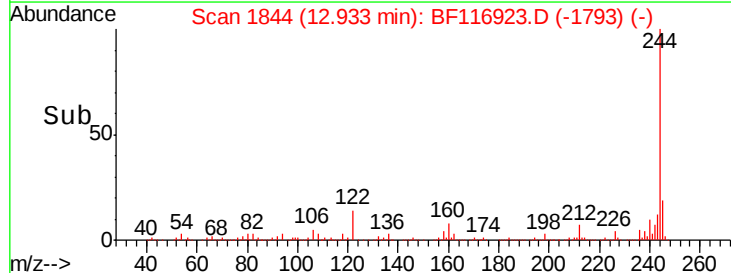
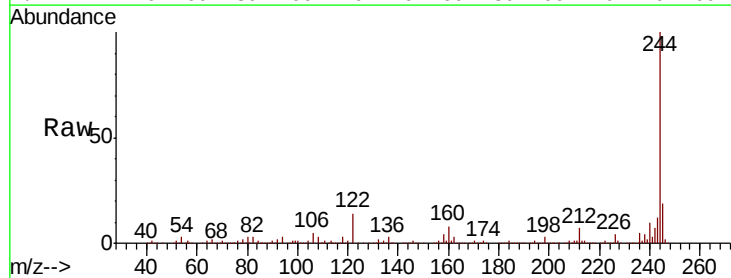
Instrument :
 BNA_F
 ClientSampleId :
 PB122853BL

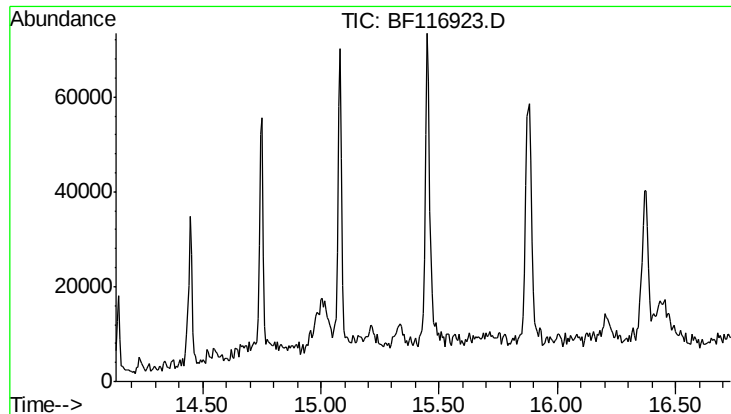
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 11.4
 236 26.4



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 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: 15.43 min
 Lab File: BF116923.D
 Acq: 10 Sep 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BL

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

