

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103048.D
 Acq On : 16 Feb 2018 13:25
 Operator : SJ/JU
 Sample : PB106606BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 14:29:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F020518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 06 08:46:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-4.80
34) 1,4-Difluorobenzene	5.51	114	5224	50.00	ug/l	0.00
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.69
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.48

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	
50) Toluene-d8	7.44	98	124463	1120.27	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	2240.54%	
62) 4-Bromofluorobenzene	11.46	95	120	-1.73	ug/l	0.12
Spiked Amount				50.000		
			Recovery	=	-3.46%	

Target Compounds

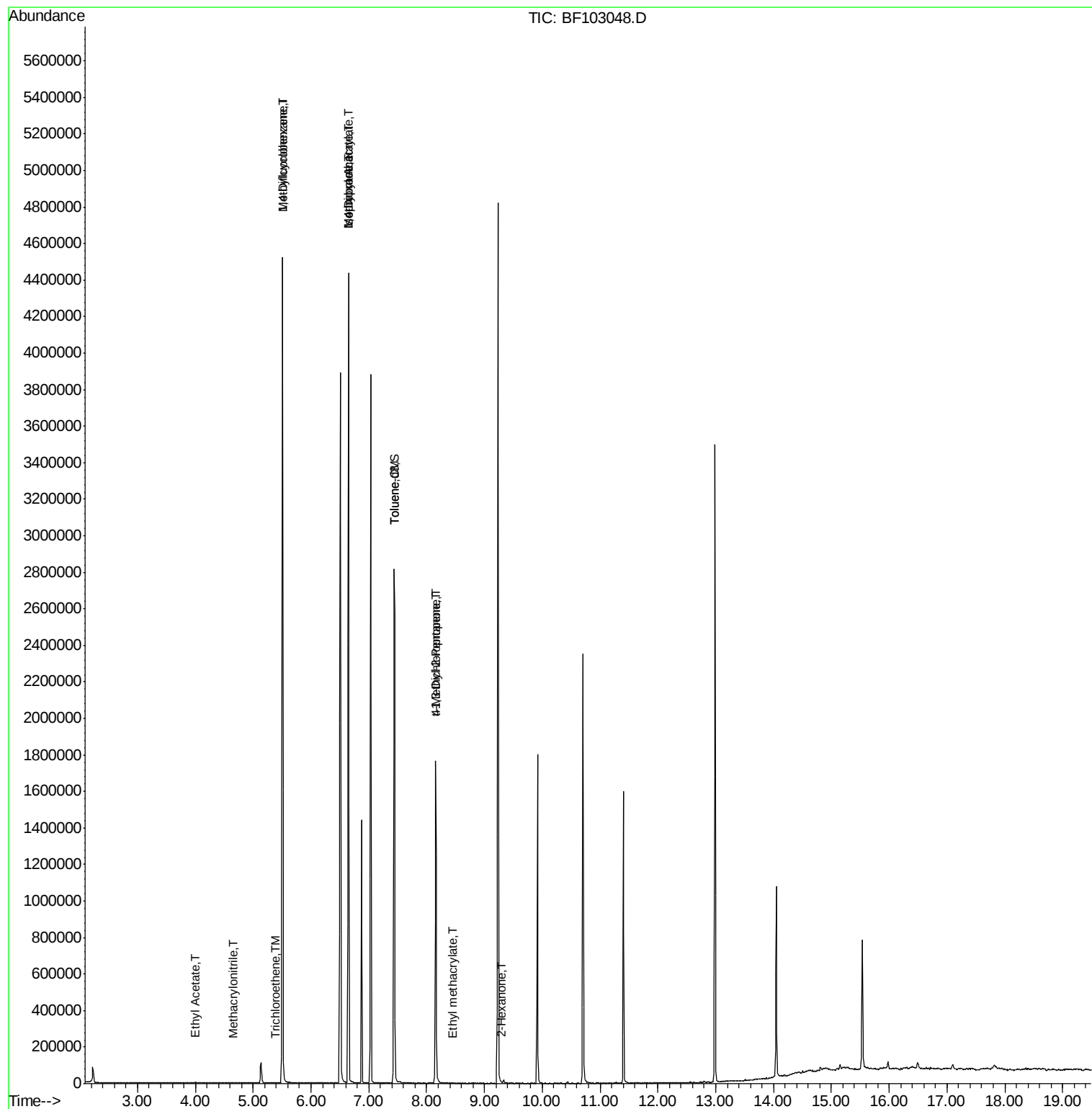
						Qvalue
37) Ethyl Acetate	4.00	43	574	12.222	ug/l #	38
39) Methylcyclohexane	5.51	83	234713	3982.350	ug/l #	23
41) Methacrylonitrile	4.65	41	517	23.393	ug/l #	26
43) Isopropyl Acetate	6.65	43	7393	126.420	ug/l #	1
44) Trichloroethene	5.39	130	159	4.264	ug/l	69
48) Methyl methacrylate	6.65	41	84359	2460.535	ug/l #	1
49) 1,4-Dioxane	6.65	88	554	1533.821	ug/l #	1
51) 4-Methyl-2-Pentanone	8.16	43	856	22.693	ug/l #	1
52) Toluene	7.44	92	109	1.238	ug/l #	1
53) t-1,3-Dichloropropene	8.16	75	291	5.338	ug/l #	1
56) Ethyl methacrylate	8.45	69	159	3.410	ug/l #	21
59) 2-Hexanone	9.30	43	300	9.395	ug/l	85

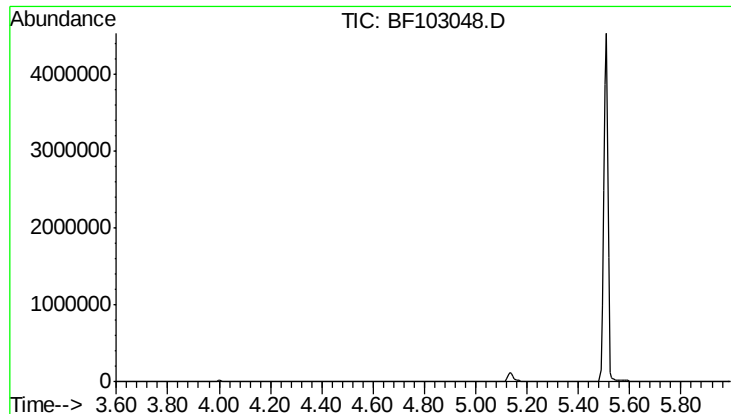
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 06 08:46:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.80 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

Tot Ion: 168

Sig Exp Ratio

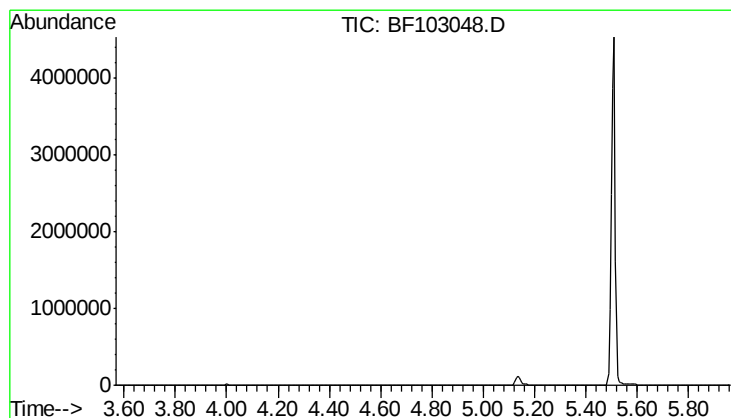
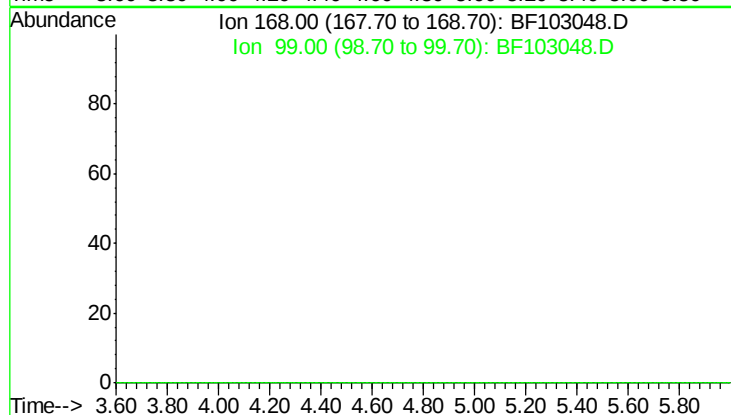
168 100

99 52.1

Instrument :

BNA_F

ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 4.77 min

Lab File: BF103048.D

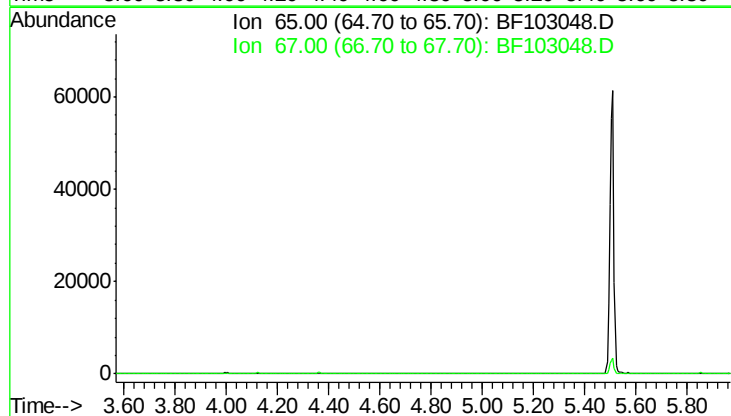
Acq: 16 Feb 2018 13:25

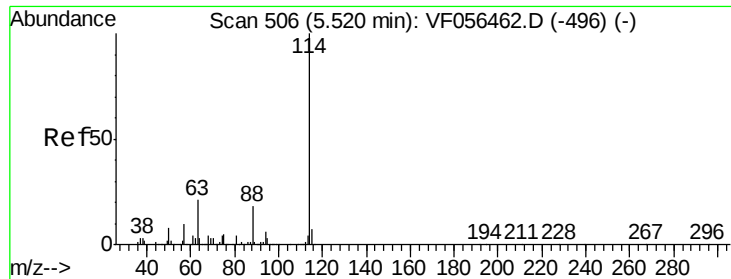
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

Instrument :

BNA_F

ClientSampleId :

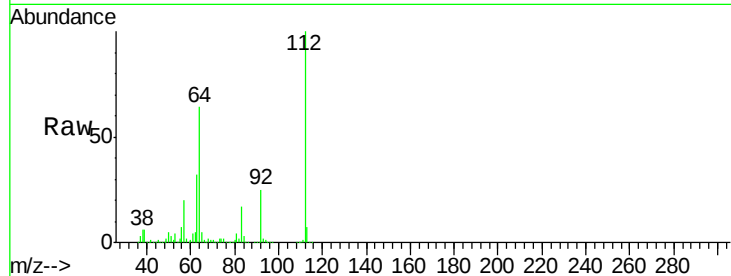
Tot Ion:114 Resp: 5224

Ion Ratio Lower Upper

114 100

63 8098.0 0.0 41.4#

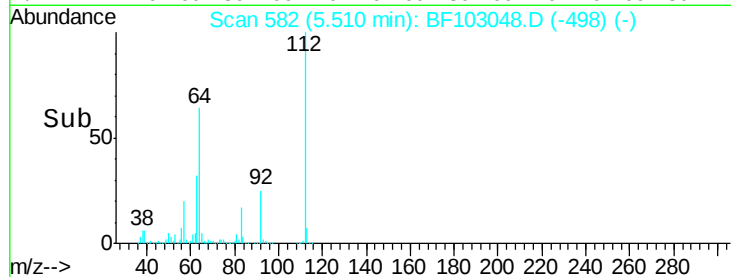
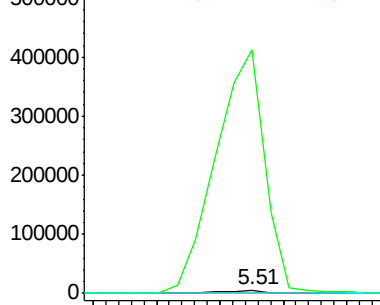
88 0.0 0.0 36.4



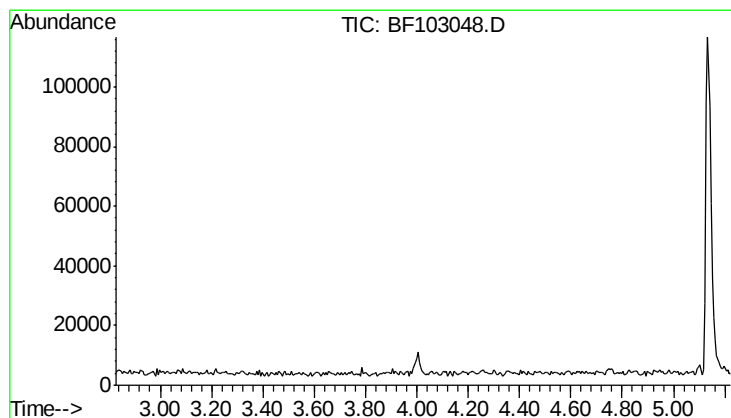
Abundance Ion 114.00 (113.70 to 114.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 88.00 (87.70 to 88.70): BF1



Time-->



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 4.03 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

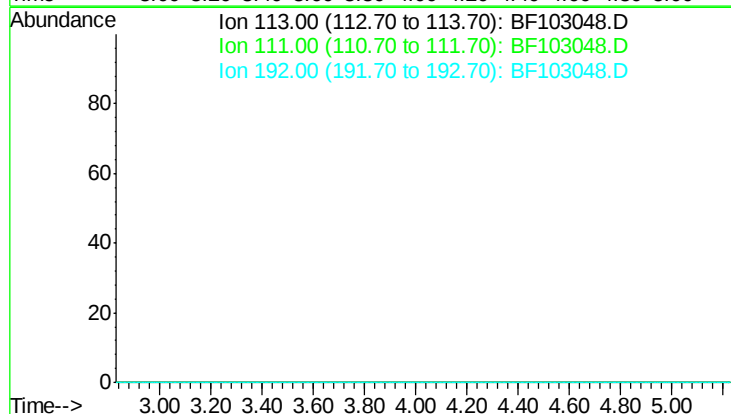
Tgt Ion: 113

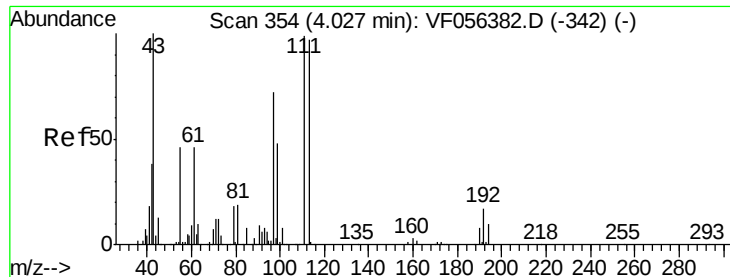
Sig Exp Ratio

113 100

111 102.3

192 18.1





#37

Ethyl Acetate

Concen: 12.222 ug/l

RT: 4.00 min Scan# 325

Delta R.T. -0.03 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

Instrument :

BNA_F

ClientSampleId :

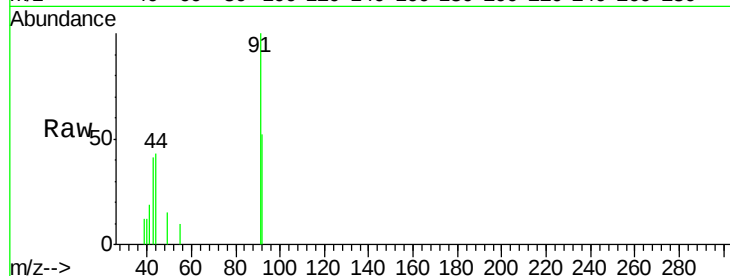
Tot Ion: 43 Resp: 574

Ion Ratio Lower Upper

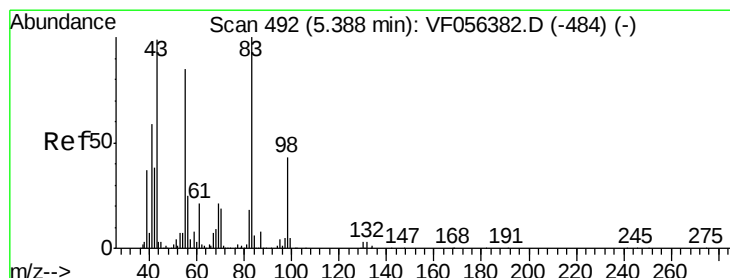
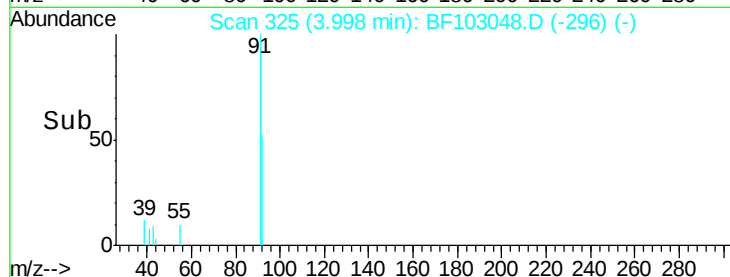
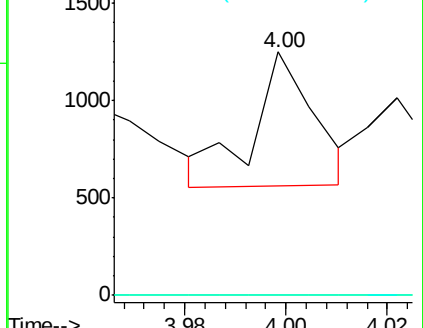
43 100

61 0.0 36.6 54.8#

70 0.0 6.4 9.6#



Abundance Ion 43.00 (42.70 to 43.70): BF1
Ion 61.00 (60.70 to 61.70): BF1
Ion 70.00 (69.70 to 70.70): BF1



#39

Methylcyclohexane

Concen: 3982.350 ug/l

RT: 5.51 min Scan# 582

Delta R.T. 0.12 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

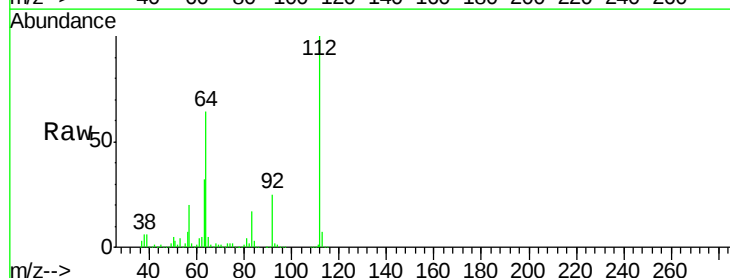
Tgt Ion: 83 Resp: 234713

Ion Ratio Lower Upper

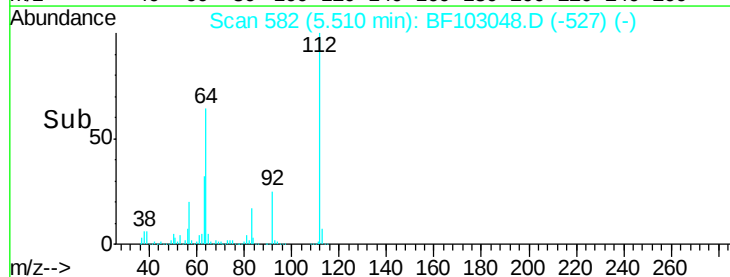
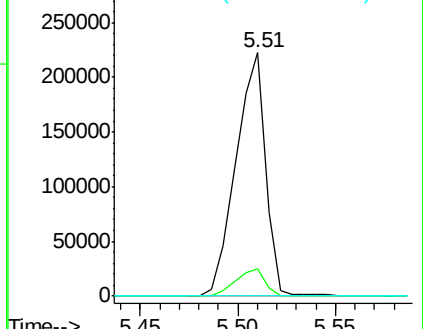
83 100

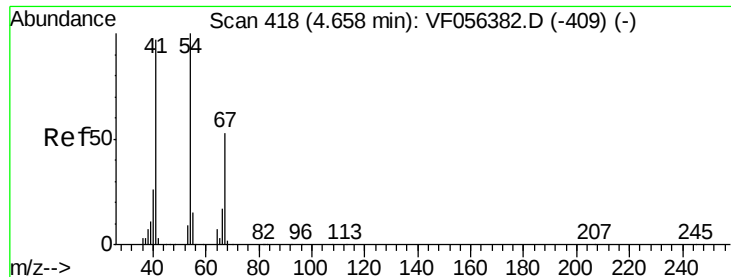
55 11.0 68.1 102.1#

98 0.0 34.6 51.8#



Abundance Ion 83.00 (82.70 to 83.70): BF1
Ion 55.00 (54.70 to 55.70): BF1
Ion 98.00 (97.70 to 98.70): BF1

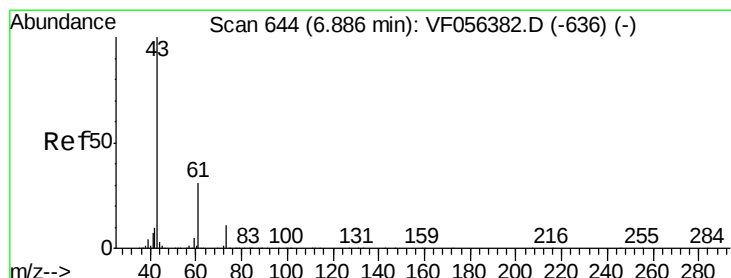
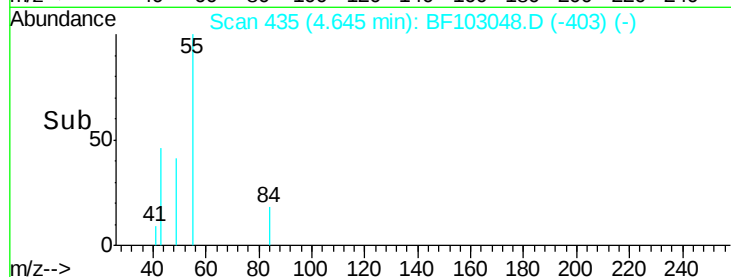
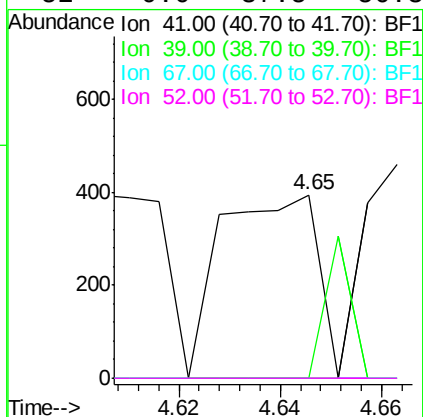
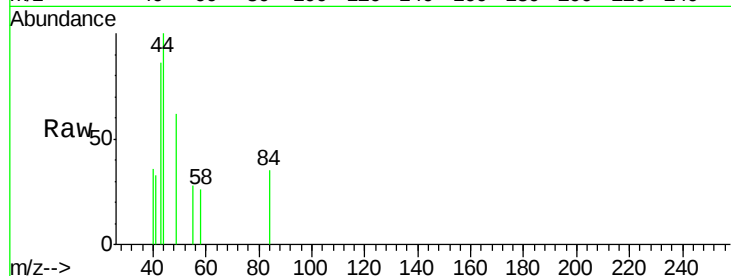




#41
Methacrylonitrile
Concen: 23.393 ug/l
RT: 4.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF103048.D
Acq: 16 Feb 2018 13:25

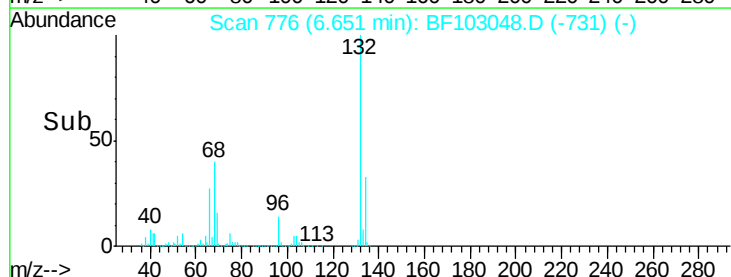
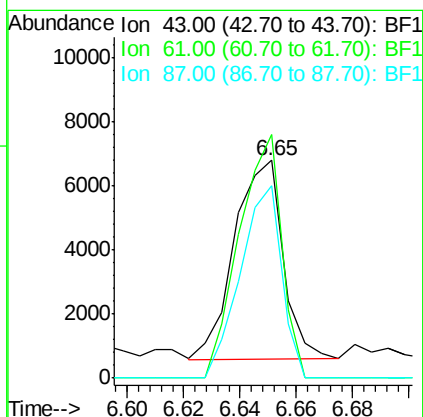
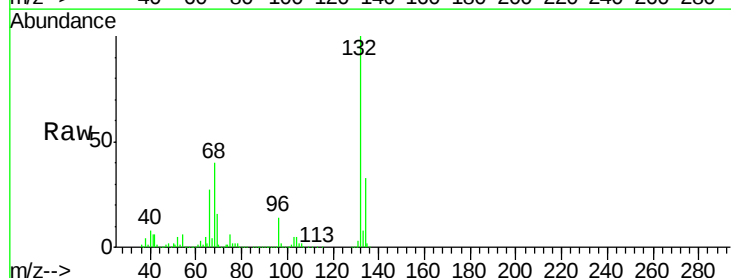
Instrument :
BNA_F
ClientSampleId :

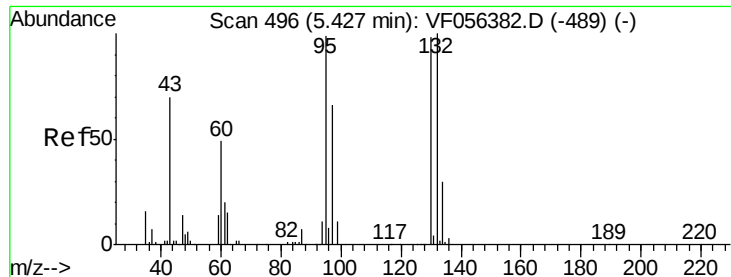
Tot Ion:	41	Resp:	517
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.6	63.8#
67	0.0	43.2	64.8#
52	0.0	37.5	56.3#



#43
Isopropyl Acetate
Concen: 126.420 ug/l
RT: 6.65 min Scan# 776
Delta R.T. -0.23 min
Lab File: BF103048.D
Acq: 16 Feb 2018 13:25

Tgt Ion:	43	Resp:	7393
Ion	Ratio	Lower	Upper
43	100		
61	111.8	24.6	36.8#
87	95.8	0.2	0.4#





#44

Trichloroethene

Concen: 4.264 ug/l

RT: 5.39 min Scan# 561

Delta R.T. -0.04 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

Instrument :

BNA_F

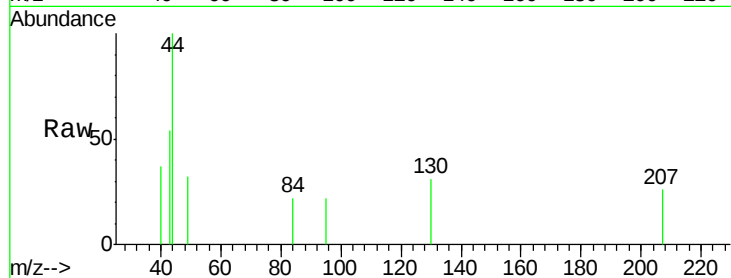
ClientSampleId :

Tot Ion:130 Resp: 159

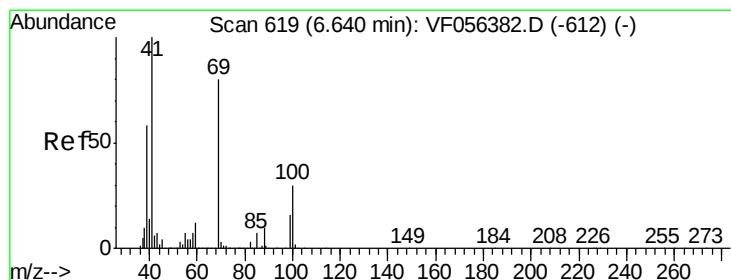
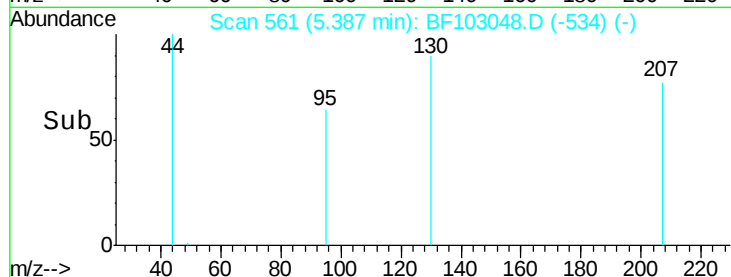
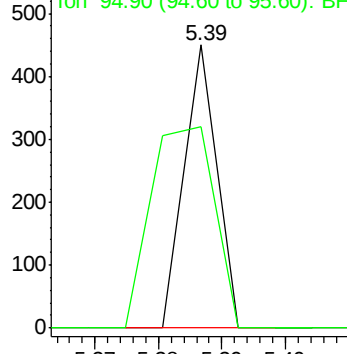
Ion Ratio Lower Upper

130 100

95 71.1 0.0 204.0



Abundance Ion 129.90 (129.60 to 130.60): E



#48

Methyl methacrylate

Concen: 2460.535 ug/l

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

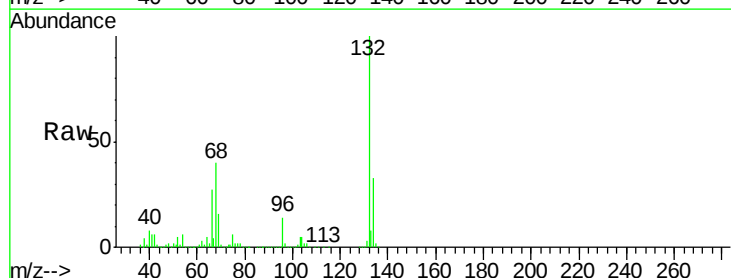
Tgt Ion: 41 Resp: 84359

Ion Ratio Lower Upper

41 100

69 265.2 64.1 96.1#

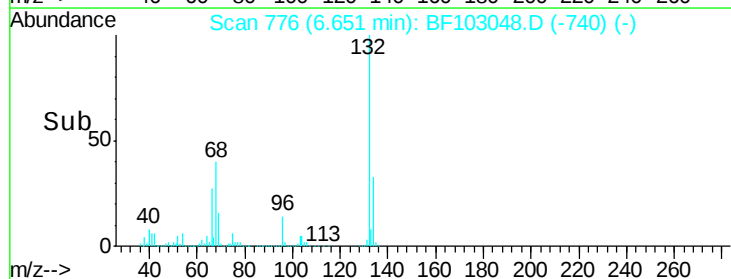
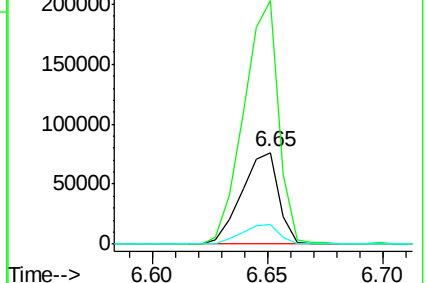
39 21.4 46.2 69.4#

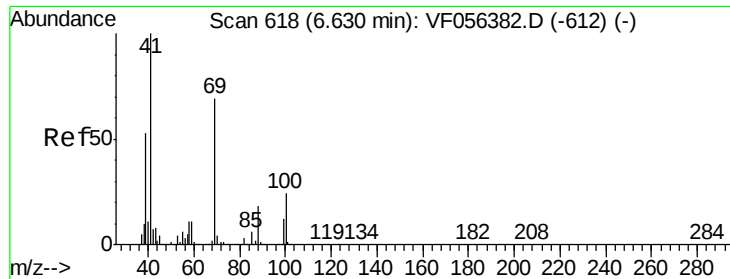


Abundance Ion 41.00 (40.70 to 41.70): BF1

Ion 69.00 (68.70 to 69.70): BF1

Ion 39.00 (38.70 to 39.70): BF1





#49

1,4-Dioxane

Concen: 1533.821 ug/l

RT: 6.65 min Scan# 775

Delta R.T. 0.02 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

Instrument :

BNA_F

ClientSampleId :

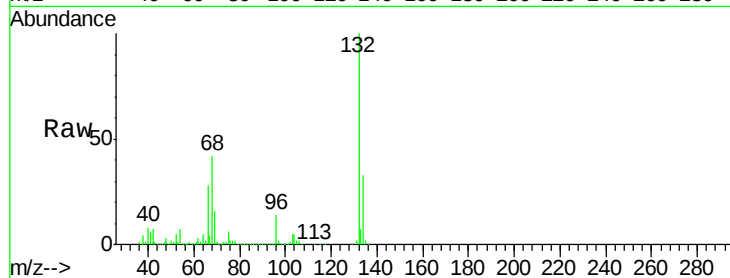
Tot Ion: 88 Resp: 554

Ion Ratio Lower Upper

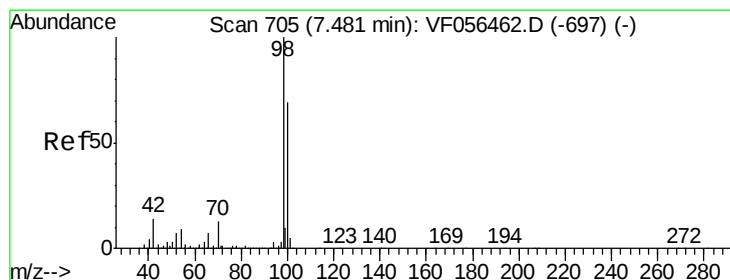
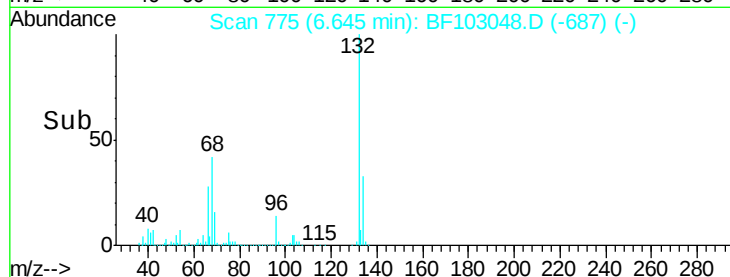
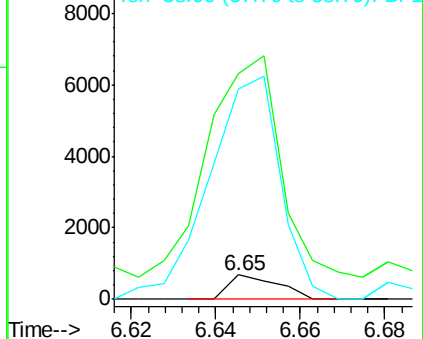
88 100

43 935.0 37.4 56.2#

58 871.2 51.0 76.6#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 43.00 (42.70 to 43.70): BF1
Ion 58.00 (57.70 to 58.70): BF1



#50

Toluene-d8

Concen: 1120.269 ug/l

RT: 7.44 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF103048.D

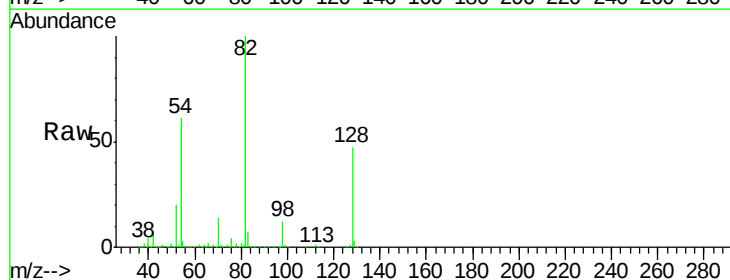
Acq: 16 Feb 2018 13:25

Tgt Ion: 98 Resp: 124463

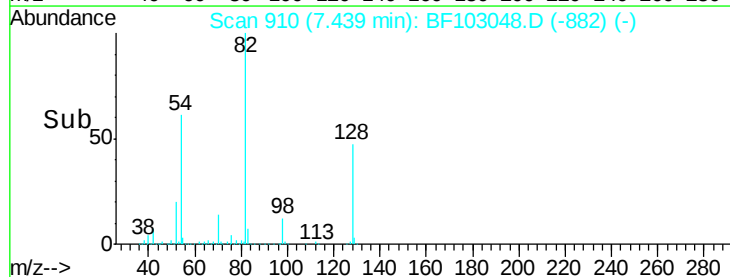
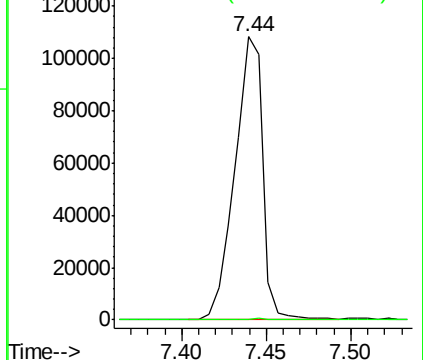
Ion Ratio Lower Upper

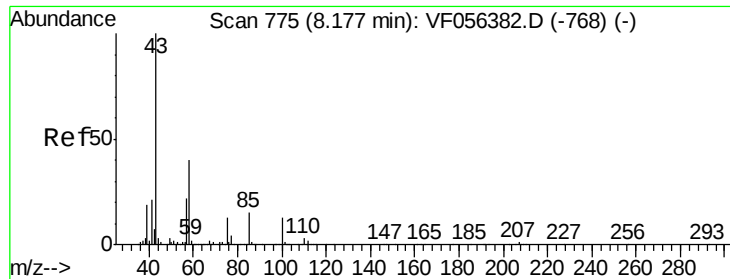
98 100

100 0.4 56.4 84.6#



Abundance Ion 98.00 (97.70 to 98.70): BF1
Ion 100.00 (99.70 to 100.70): BF1





#51

4-Methyl-2-Pentanone

Concen: 22.693 ug/l

RT: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

Instrument :

BNA_F

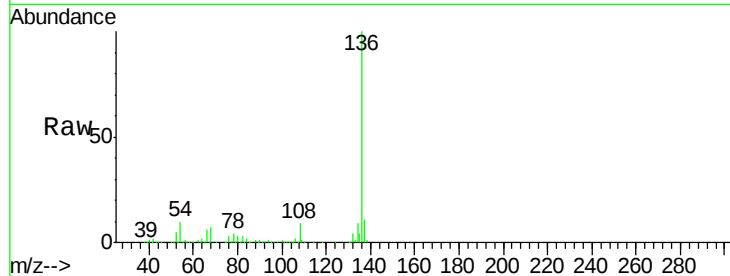
ClientSampled :

Tot Ion: 43 Resp: 856

Ion Ratio Lower Upper

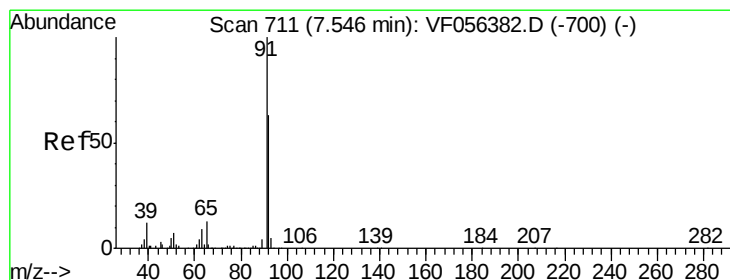
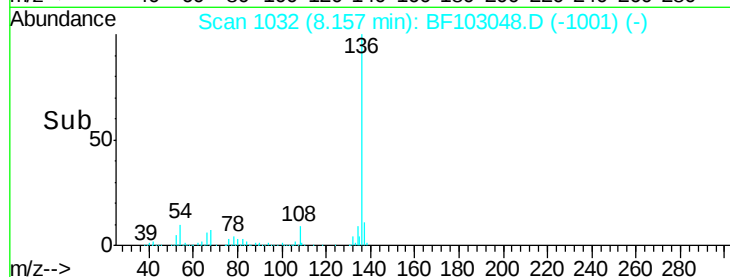
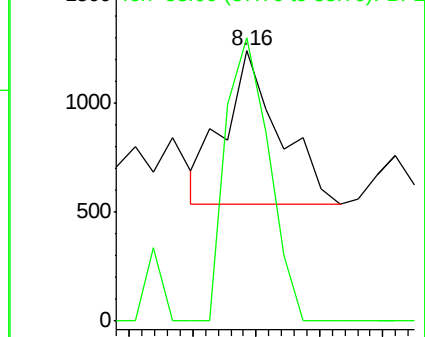
43 100

58 104.9 31.9 47.9#



Abundance Ion 43.00 (42.70 to 43.70): BF1

Ion 58.00 (57.70 to 58.70): BF1



#52

Toluene

Concen: 1.238 ug/l

RT: 7.44 min Scan# 910

Delta R.T. -0.11 min

Lab File: BF103048.D

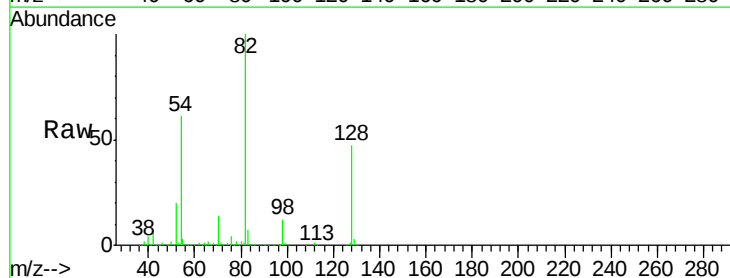
Acq: 16 Feb 2018 13:25

Tgt Ion: 92 Resp: 109

Ion Ratio Lower Upper

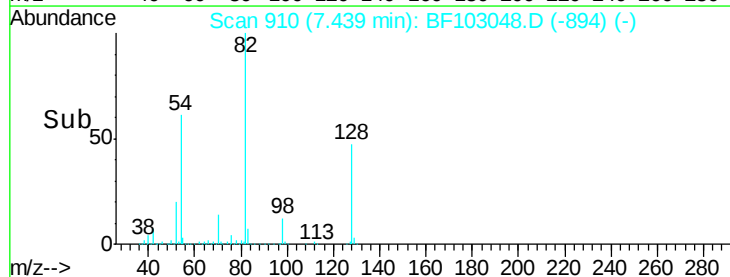
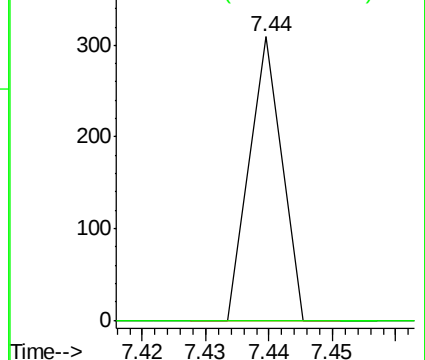
92 100

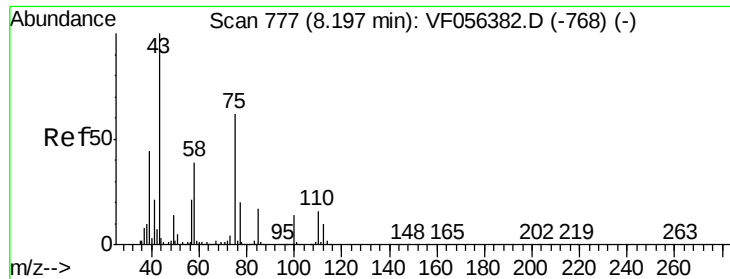
91 0.0 127.3 190.9#



Abundance Ion 92.00 (91.70 to 92.70): BF1

Ion 91.00 (90.70 to 91.70): BF1

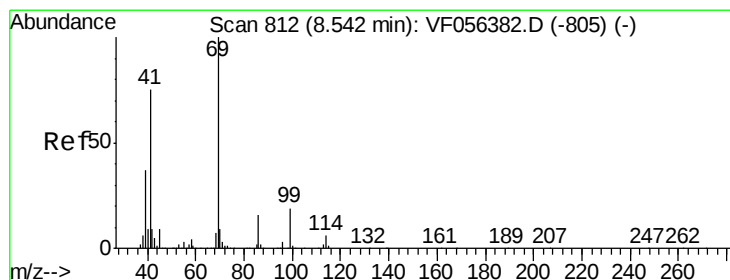
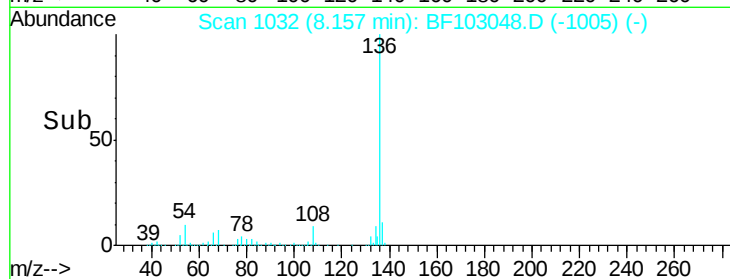
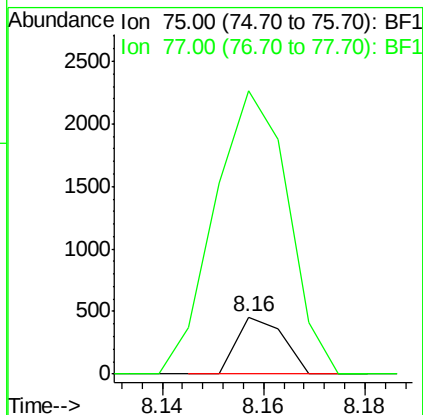
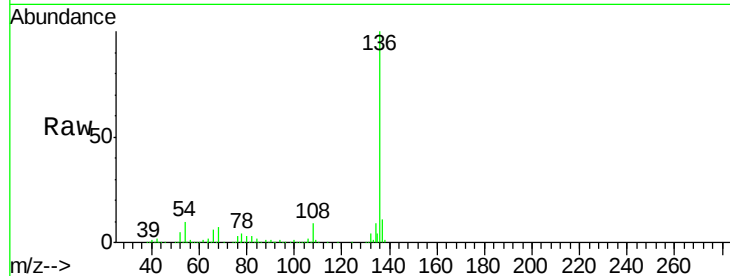




#53
 t-1,3-Dichloropropene
 Concen: 5.338 ug/l
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.04 min
 Lab File: BF103048.D
 Acq: 16 Feb 2018 13:25

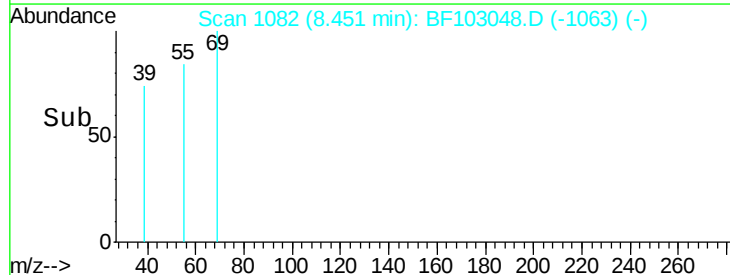
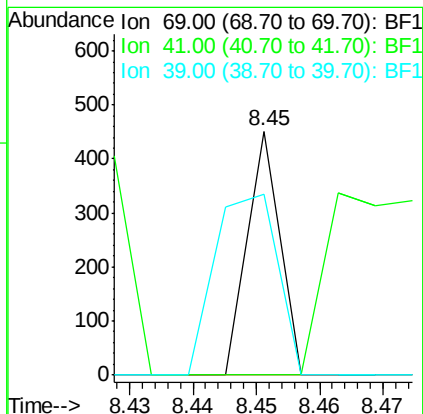
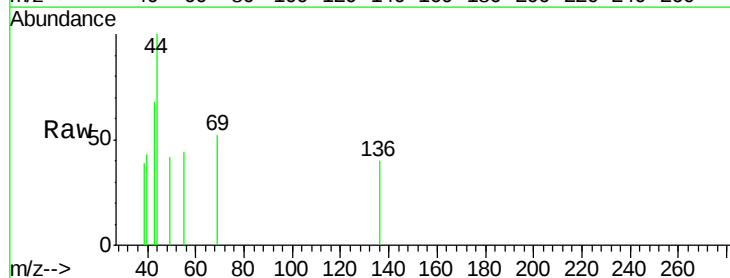
Instrument :
 BNA_F
 ClientSampled :

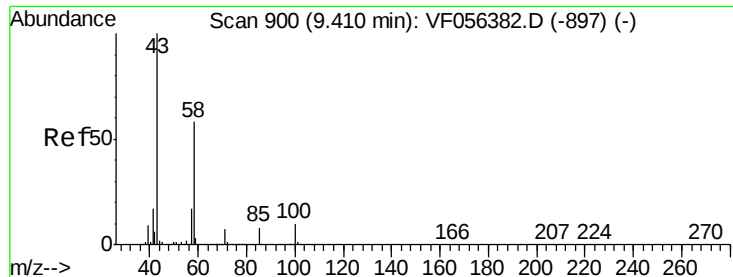
Tot Ion: 75 Resp: 291
 Ion Ratio Lower Upper
 75 100
 77 492.8 25.7 38.5#



#56
 Ethyl methacrylate
 Concen: 3.410 ug/l
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.09 min
 Lab File: BF103048.D
 Acq: 16 Feb 2018 13:25

Tgt Ion: 69 Resp: 159
 Ion Ratio Lower Upper
 69 100
 41 0.0 60.2 90.4#
 39 74.3 30.0 45.0#

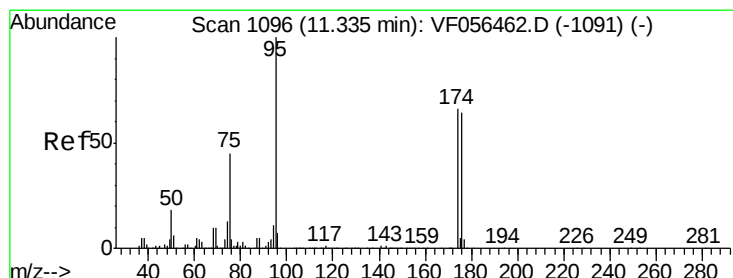
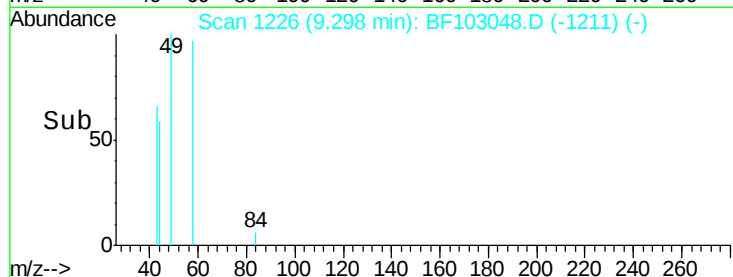
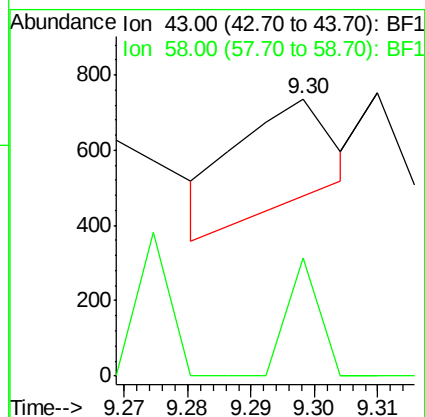
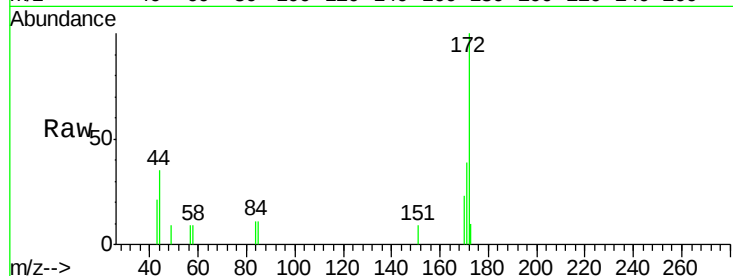




#59
2-Hexanone
Concen: 9.395 ug/l
RT: 9.30 min Scan# 1226
Delta R.T. -0.11 min
Lab File: BF103048.D
Acq: 16 Feb 2018 13:25

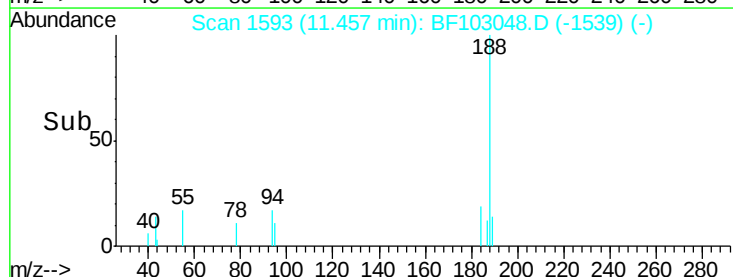
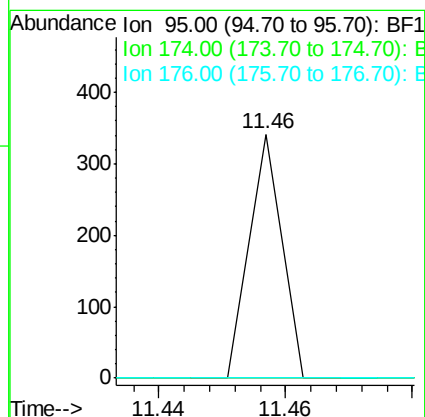
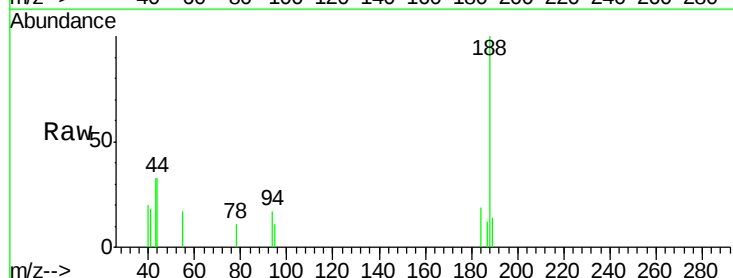
Instrument :
BNA_F
ClientSampled :

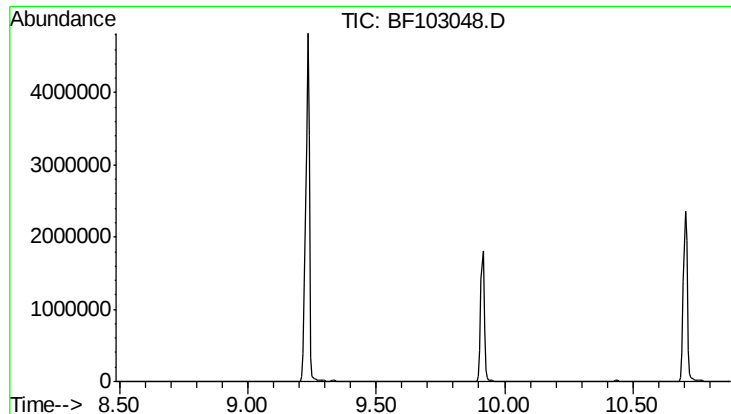
Tot Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
58 42.5 26.8 80.3



#62
4-Bromofluorobenzene
Concen: -1.729 ug/l
RT: 11.46 min Scan# 1593
Delta R.T. 0.12 min
Lab File: BF103048.D
Acq: 16 Feb 2018 13:25

Tgt Ion: 95 Resp: 120
Ion Ratio Lower Upper
95 100
174 0.0 0.0 177.0
176 0.0 0.0 178.8

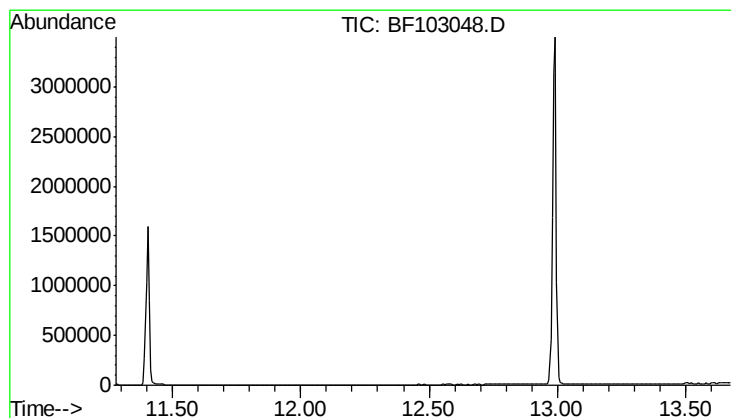
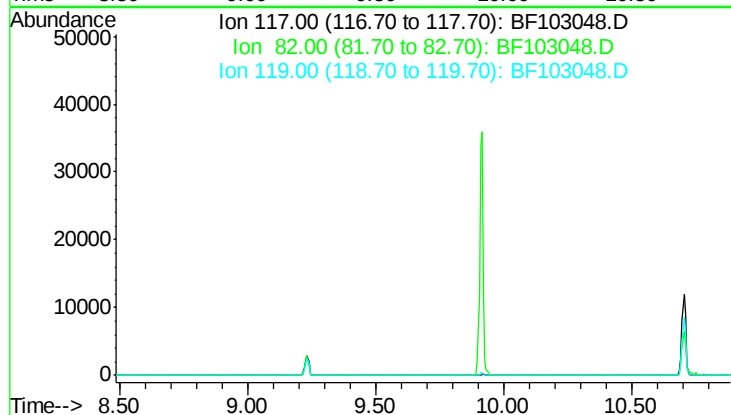




#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 9.69 min
 Lab File: BF103048.D
 Acq: 16 Feb 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 117
 Sig Exp Ratio
 117 100
 82 57.4
 119 33.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 12.48 min
 Lab File: BF103048.D
 Acq: 16 Feb 2018 13:25

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 115 63.3
 150 154.7

