

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103049.D
 Acq On : 16 Feb 2018 13:52
 Operator : SJ/JU
 Sample : J1402-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 14:30:10 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	5.50	114	4205	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.66	117	602	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.49	152	486	50.00	ug/l	0.02
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	93529	1045.84	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	2091.68%	
62) 4-Bromofluorobenzene	11.25	95	485	10.11	ug/l	-0.10
Spiked Amount	50.000		Recovery	=	20.22%	
Target Compounds						
					Qvalue	
37) Ethyl Acetate	4.03	43	334	8.835	ug/l #	38
39) Methylcyclohexane	5.50	83	192402	4055.544	ug/l #	23
41) Methacrylonitrile	4.64	41	651	36.594	ug/l #	26
43) Isopropyl Acetate	6.65	43	6180	131.287	ug/l #	1
47) Bromodichloromethane	6.26	83	107	2.516	ug/l #	23
48) Methyl methacrylate	6.65	41	67191	2434.705	ug/l #	1
49) 1,4-Dioxane	6.65	88	413	1420.536	ug/l #	1
51) 4-Methyl-2-Pentanone	8.13	43	6113	201.335	ug/l #	51
53) t-1,3-Dichloropropene	8.16	75	418	9.525	ug/l #	1
54) cis-1,3-Dichloropropene	7.03	75	41010	801.413	ug/l #	63
55) 1,1,2-Trichloroethane	8.36	97	478	17.771	ug/l #	38
56) Ethyl methacrylate	8.53	69	390	10.390	ug/l #	1
59) 2-Hexanone	9.42	43	1059	41.203	ug/l #	25
65) Chlorobenzene	9.63	112	366	30.558	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	9.85	131	151	35.780	ug/l #	6
67) Ethyl Benzene	9.81	91	468	22.266	ug/l #	43
68) m/p-Xylenes	9.92	106	5696	732.084	ug/l #	1
69) o-Xylene	10.63	106	116	14.462	ug/l	35
70) Styrene	10.70	104	2405	191.949	ug/l #	66
71) Bromoform	10.70	173	3568	1116.218	ug/l #	81
73) Isopropylbenzene	11.05	105	390	11.188	ug/l #	48
74) N-amyl acetate	11.28	43	5194	329.448	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	11.62	83	5273	518.023	ug/l #	56
76) 1,2,3-Trichloropropane	11.78	75	513	67.081	ug/l	87
77) Bromobenzene	11.40	156	23918	2673.688	ug/l #	1
78) n-propylbenzene	11.40	91	3019	69.910	ug/l	78
79) 2-Chlorotoluene	11.63	91	897	35.443	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.77	105	968	34.733	ug/l #	26
81) trans-1,4-Dichloro-2-buten	11.78	75	513	113.938	ug/l #	69
82) 4-Chlorotoluene	11.84	91	201	7.481	ug/l #	43
83) tert-Butylbenzene	12.06	119	551	20.176	ug/l #	84
84) 1,2,4-Trimethylbenzene	12.13	105	1093	38.153	ug/l #	27
85) sec-Butylbenzene	12.23	105	2128	57.702	ug/l #	56
86) p-Isopropyltoluene	12.39	119	474	15.971	ug/l #	17

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 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

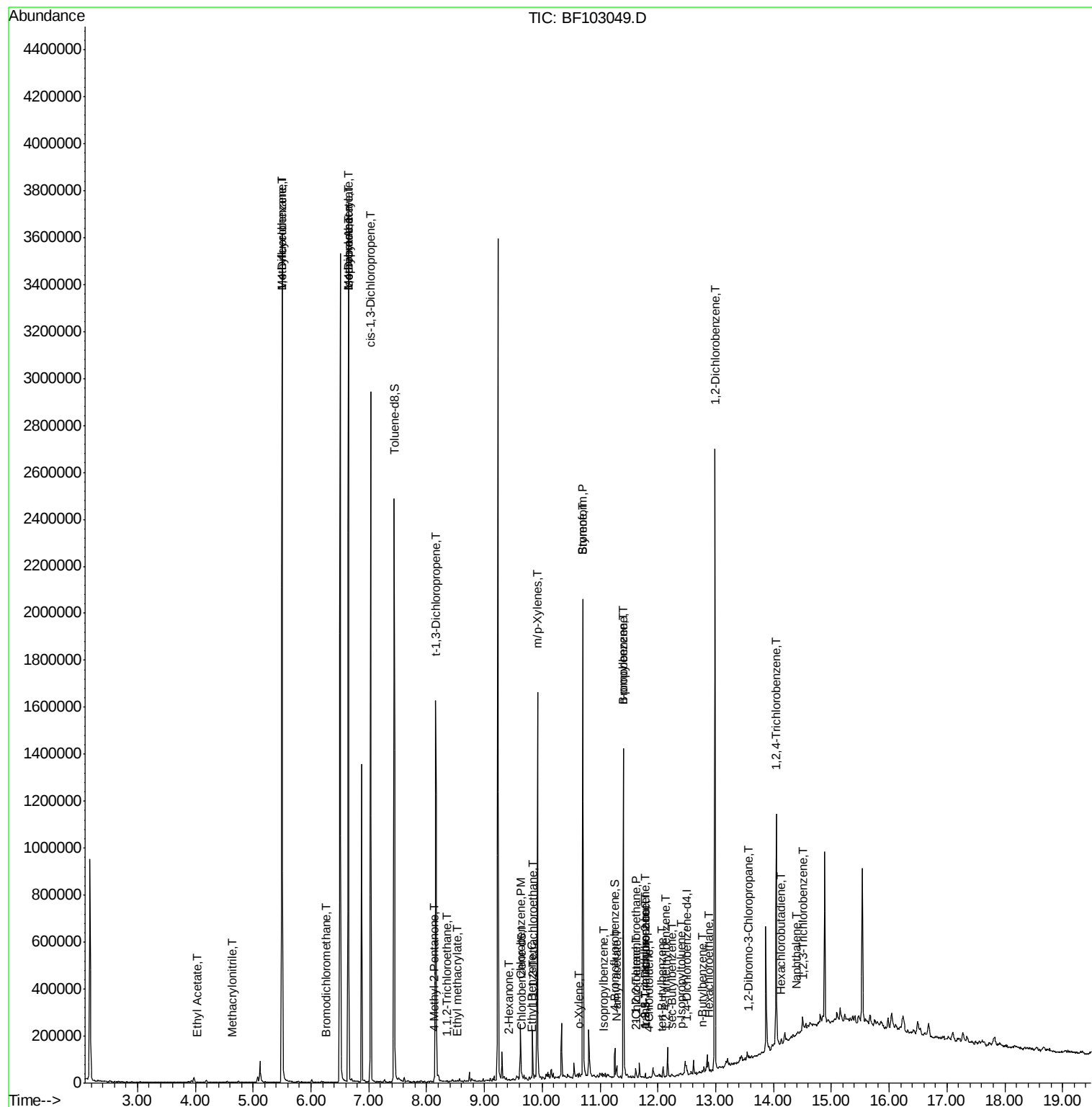
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.76	91	155	4.880	ug/l #	27
90) Hexachloroethane	12.87	117	262	44.487	ug/l	97
91) 1,2-Dichlorobenzene	12.99	146	9629	635.637	ug/l #	46
92) 1,2-Dibromo-3-Chloropropan	13.57	75	106	59.891	ug/l #	39
93) 1,2,4-Trichlorobenzene	14.04	180	4068	419.899	ug/l	70
94) Hexachlorobutadiene	14.13	225	146	24.886	ug/l	87
95) Naphthalene	14.39	128	252	10.663	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.52	180	489	53.735	ug/l #	1

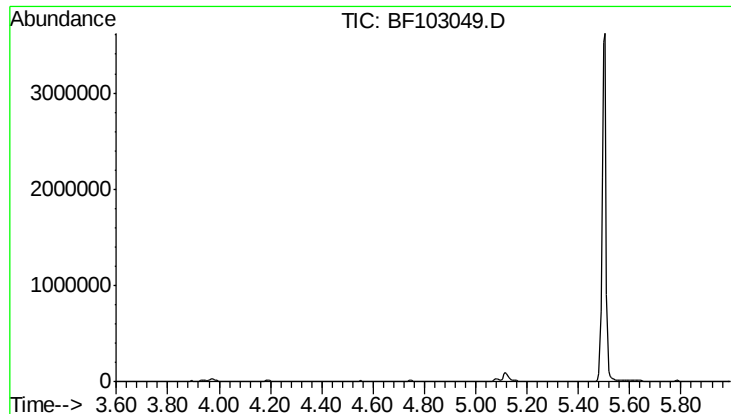
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.80 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Tot Ion: 168

Sig Exp Ratio

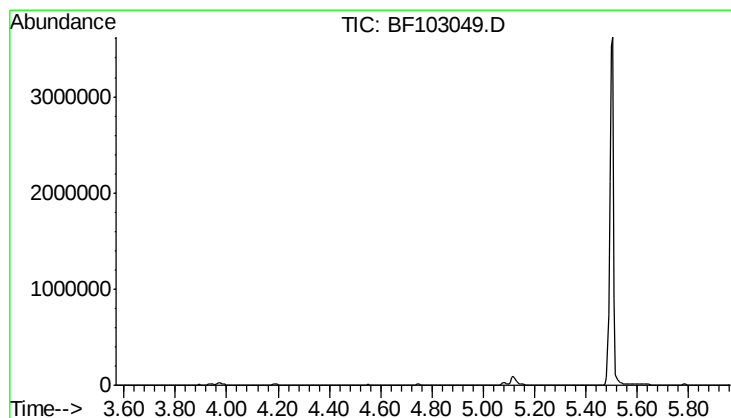
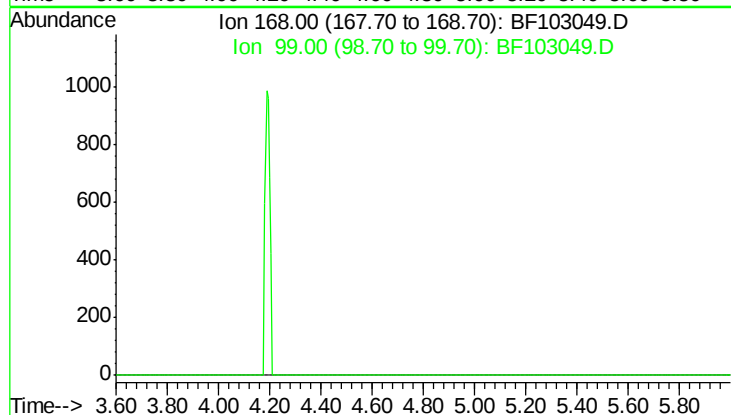
168 100

99 52.1

Instrument :

BNA_F

ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 4.77 min

Lab File: BF103049.D

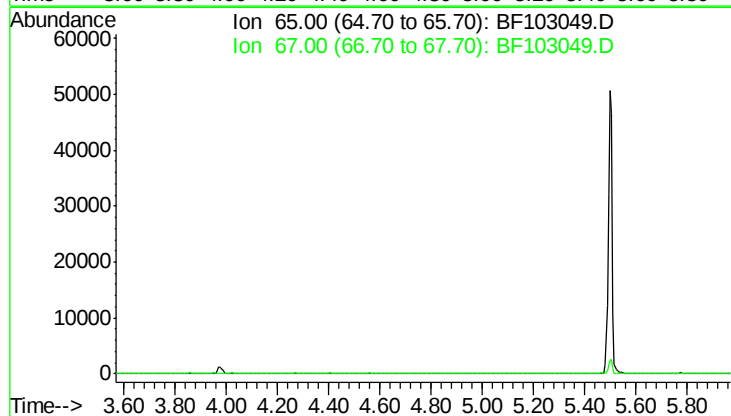
Acq: 16 Feb 2018 13:52

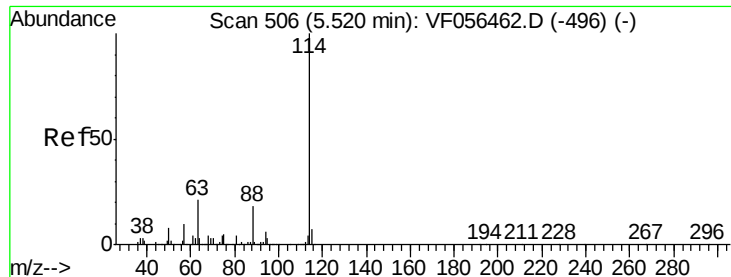
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.50 min Scan# 580

Delta R.T. -0.02 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Instrument :

BNA_F

ClientSampleId :

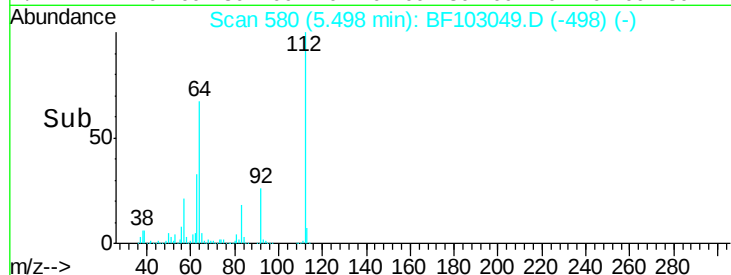
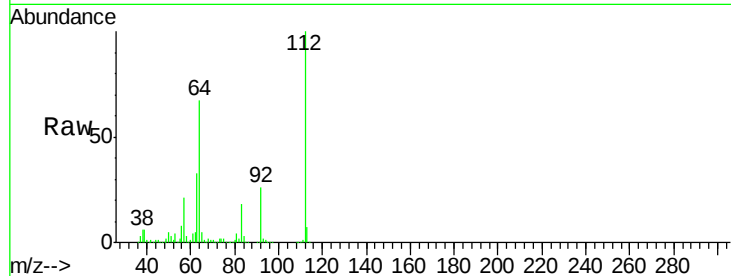
Tot Ion:114 Resp: 4205

Ion Ratio Lower Upper

114 100

63 7928.2 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

400000

300000

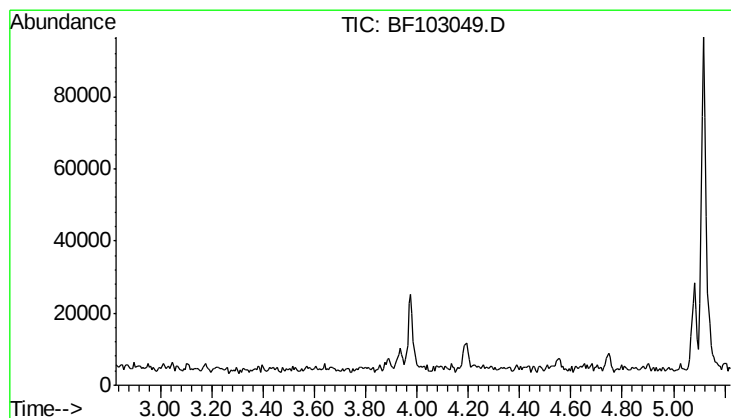
200000

100000

0

5.50

Time-->



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 4.03 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

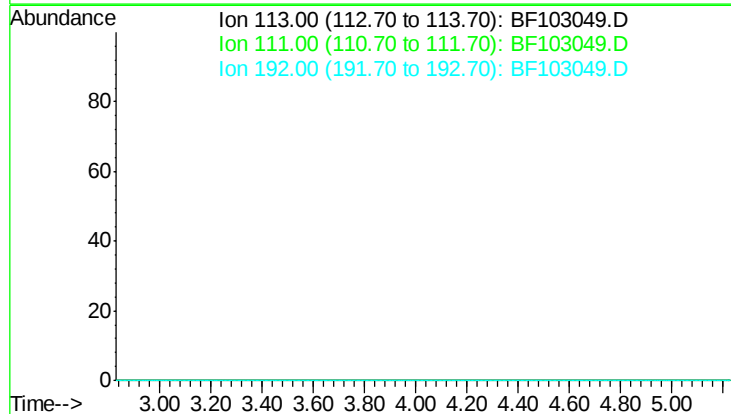
Tgt Ion: 113

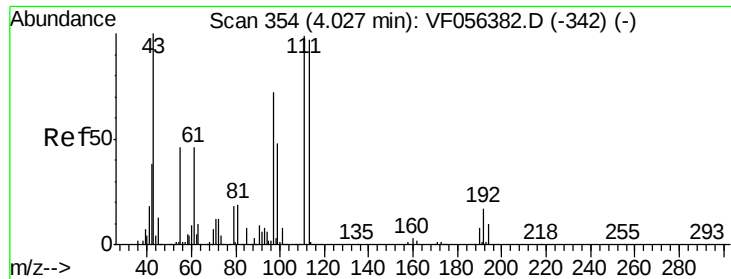
Sig Exp Ratio

113 100

111 102.3

192 18.1

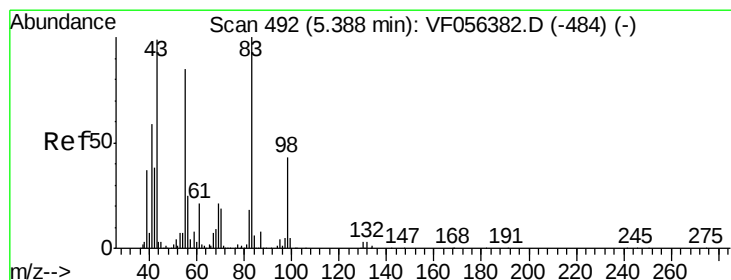
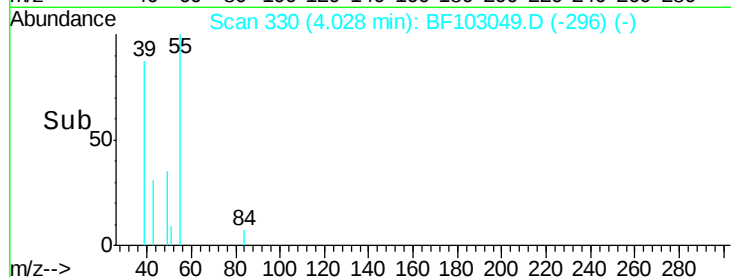
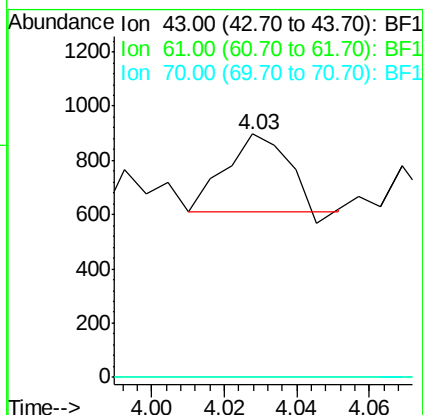
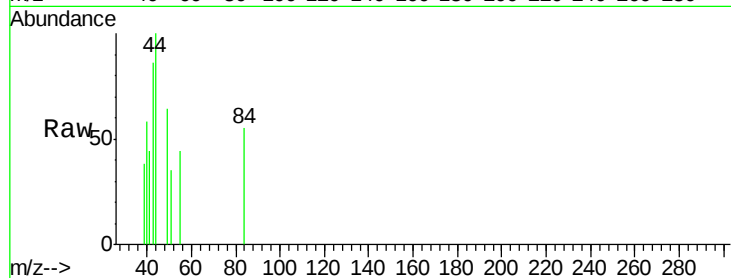




#37
Ethyl Acetate
Concen: 8.835 ug/l
RT: 4.03 min Scan# 330
Delta R.T. 0.00 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

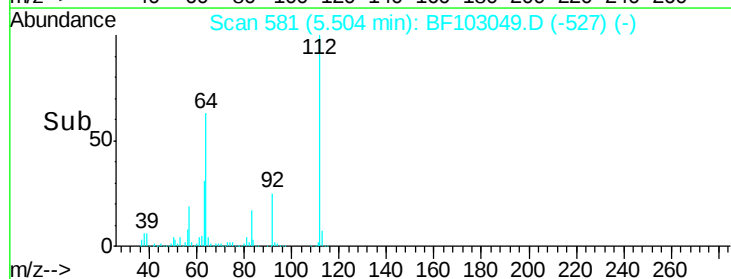
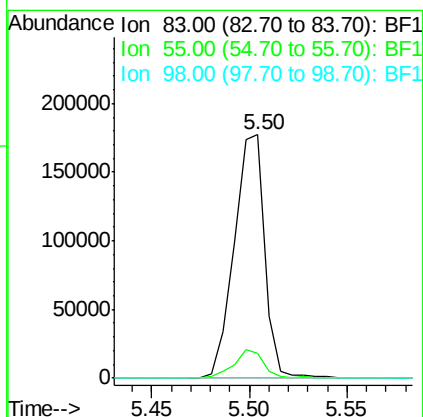
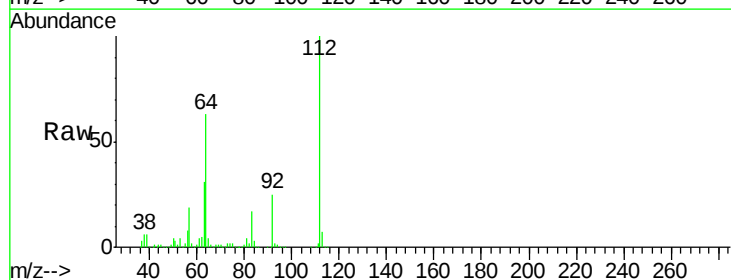
Instrument :
BNA_F
ClientSampleId :

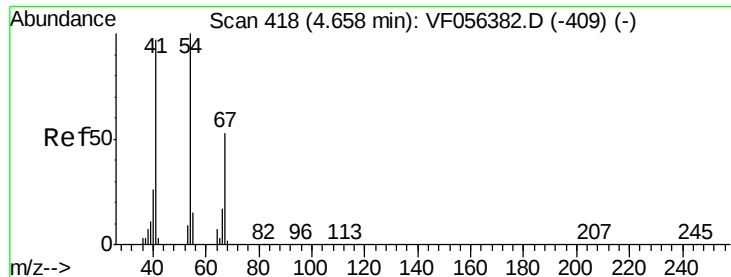
Tot Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
61 0.0 36.6 54.8#
70 0.0 6.4 9.6#



#39
Methylcyclohexane
Concen: 4055.544 ug/l
RT: 5.50 min Scan# 581
Delta R.T. 0.12 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

Tgt Ion: 83 Resp: 192402
Ion Ratio Lower Upper
83 100
55 10.3 68.1 102.1#
98 0.0 34.6 51.8#

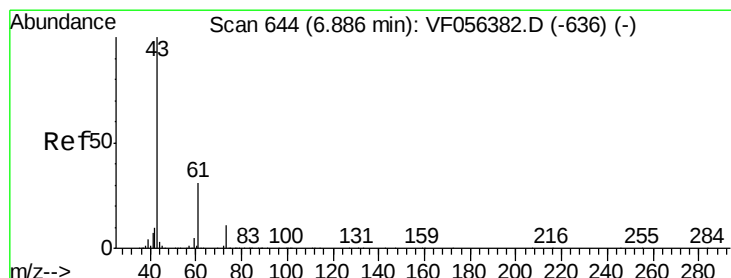
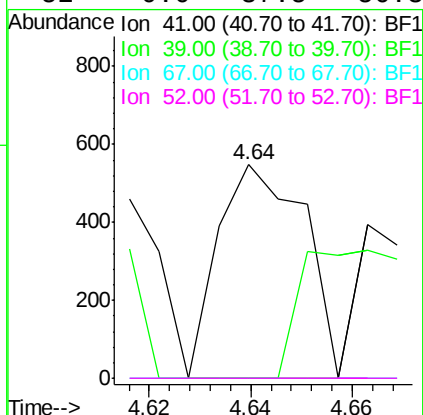
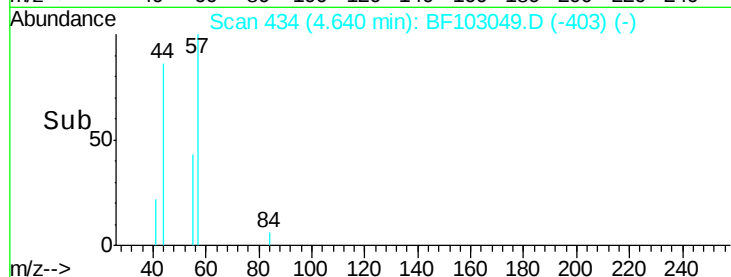
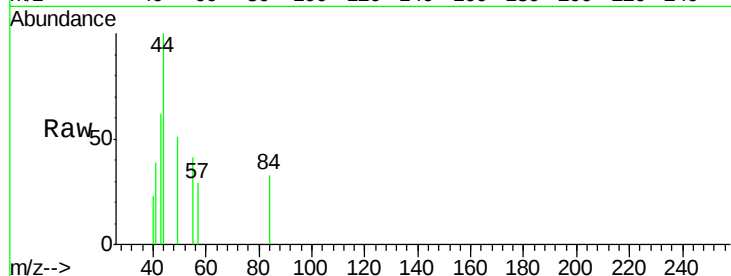




#41
Methacrylonitrile
Concen: 36.594 ug/l
RT: 4.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

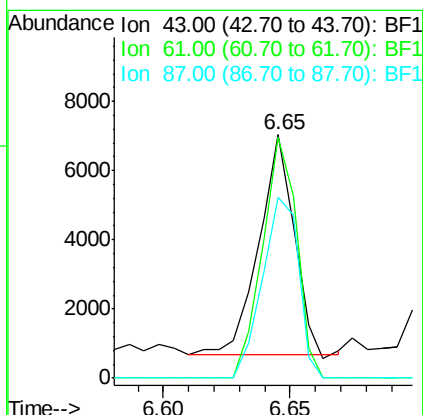
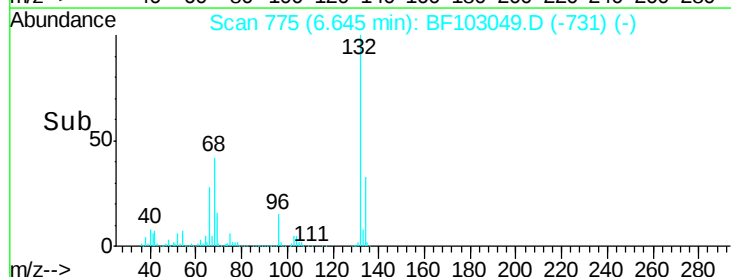
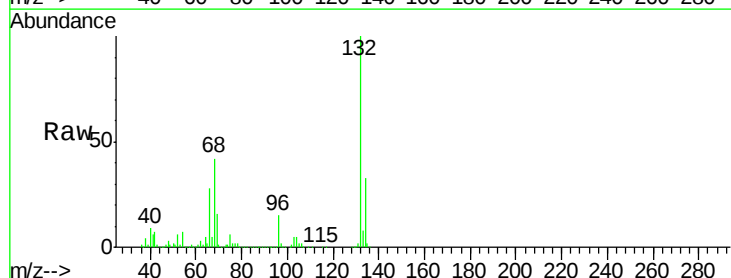
Instrument :
BNA_F
ClientSampled :

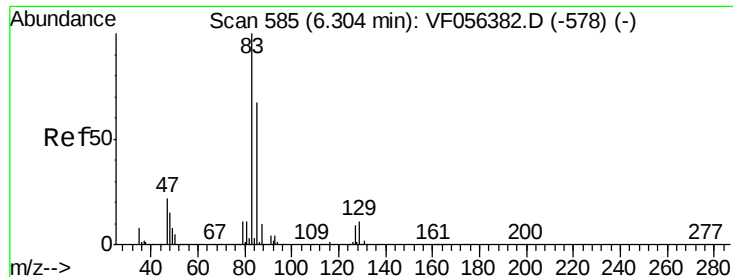
Tot Ion:	41	Resp:	651
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.6	63.8#
67	0.0	43.2	64.8#
52	0.0	37.5	56.3#



#43
Isopropyl Acetate
Concen: 131.287 ug/l
RT: 6.65 min Scan# 775
Delta R.T. -0.24 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

Tgt Ion:	43	Resp:	6180
Ion	Ratio	Lower	Upper
43	100		
61	99.0	24.6	36.8#
87	74.3	0.2	0.4#





#47

Bromodichloromethane

Concen: 2.516 ug/l

RT: 6.26 min Scan# 710

Delta R.T. -0.04 min

Lab File: BF103049.D

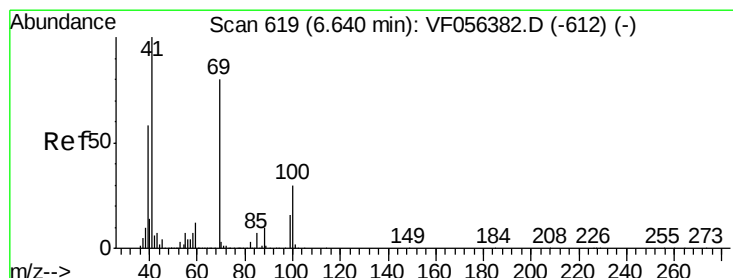
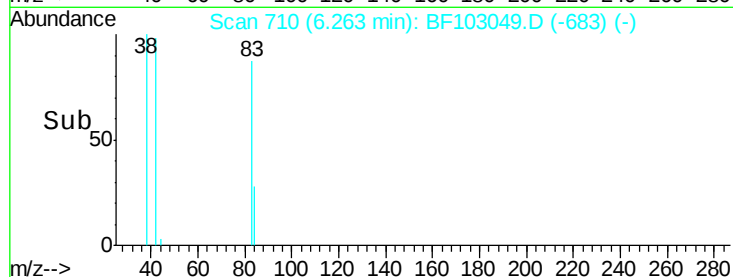
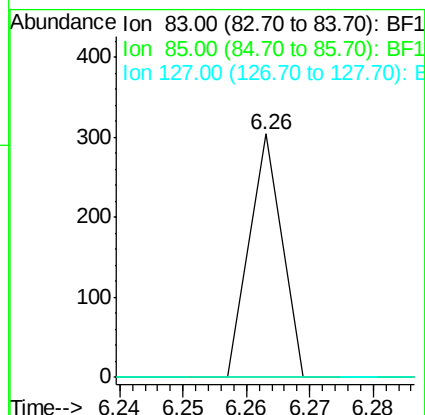
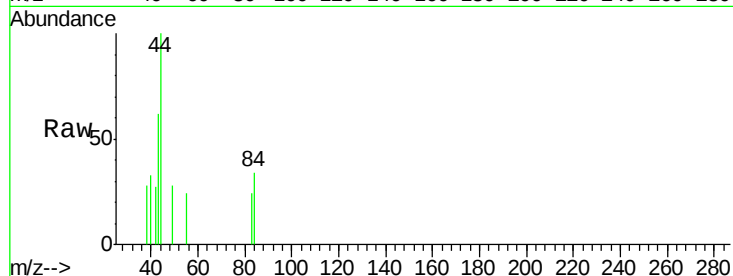
Acq: 16 Feb 2018 13:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	83	Resp:	107
Ion	Ratio	Lower	Upper
83	100		
85	0.0	53.7	80.5#
127	0.0	7.3	10.9#



#48

Methyl methacrylate

Concen: 2434.705 ug/l

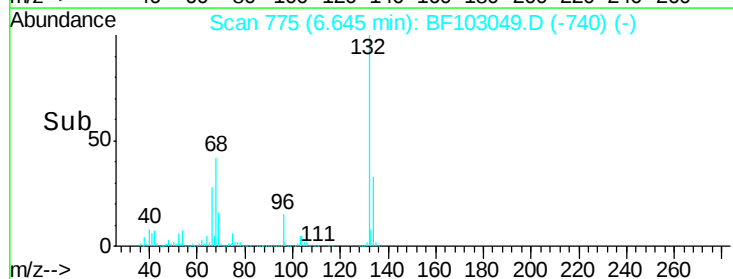
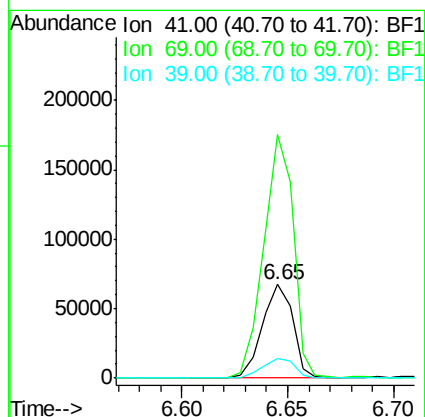
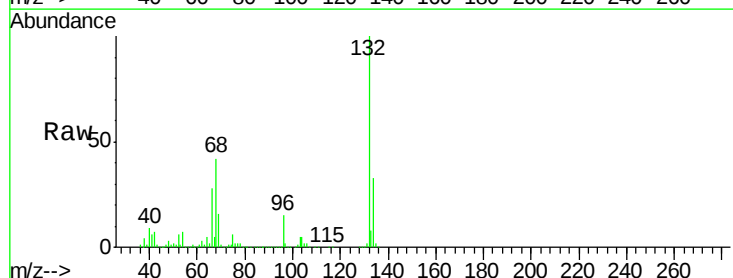
RT: 6.65 min Scan# 775

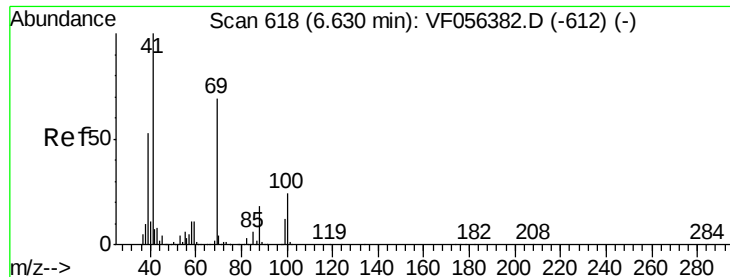
Delta R.T. 0.01 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Tgt Ion:	41	Resp:	67191
Ion	Ratio	Lower	Upper
41	100		
69	260.1	64.1	96.1#
39	20.6	46.2	69.4#

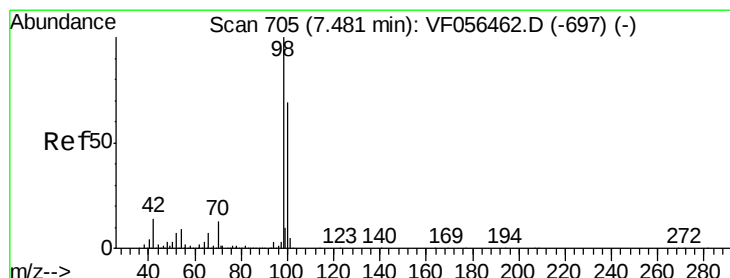
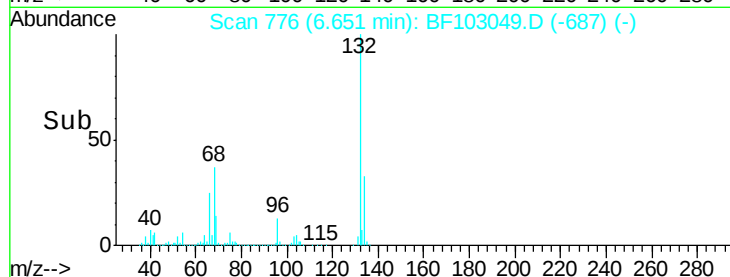
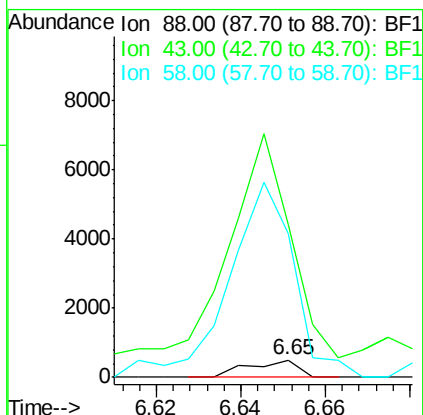
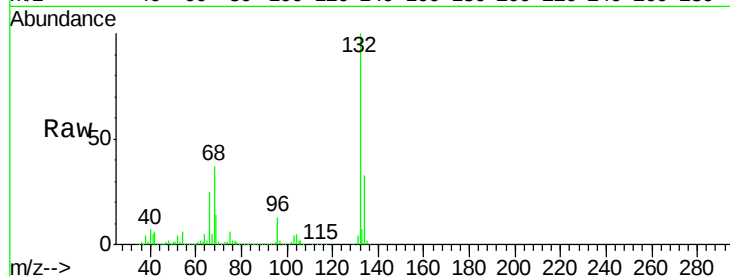




#49
 1,4-Dioxane
 Concen: 1420.536 ug/l
 RT: 6.65 min Scan# 776
 Delta R.T. 0.02 min
 Lab File: BF103049.D
 Acq: 16 Feb 2018 13:52

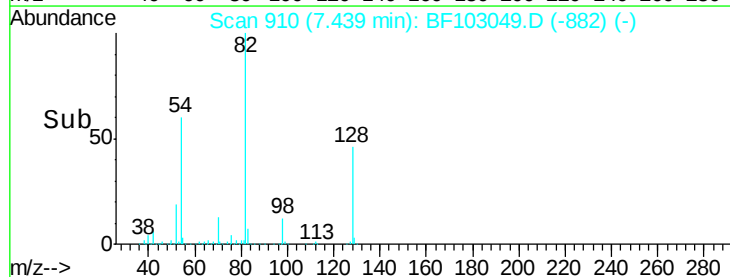
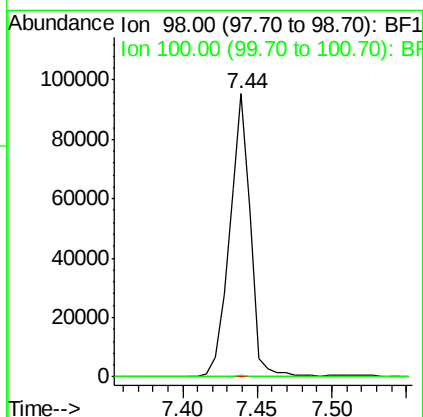
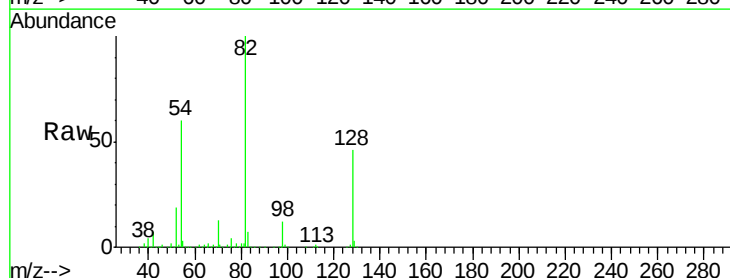
Instrument :
 BNA_F
 ClientSampleId :

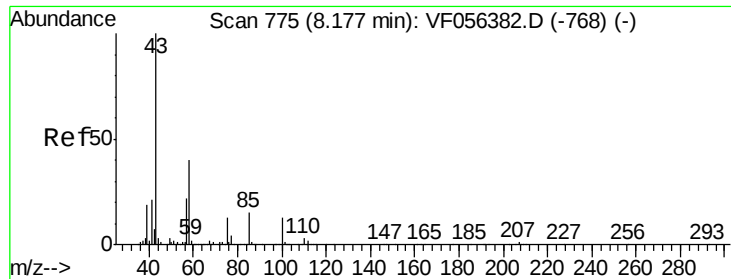
Tot Ion: 88 Resp: 413
 Ion Ratio Lower Upper
 88 100
 43 888.5 37.4 56.2#
 58 835.8 51.0 76.6#



#50
 Toluene-d8
 Concen: 1045.840 ug/l
 RT: 7.44 min Scan# 910
 Delta R.T. -0.04 min
 Lab File: BF103049.D
 Acq: 16 Feb 2018 13:52

Tgt Ion: 98 Resp: 93529
 Ion Ratio Lower Upper
 98 100
 100 0.6 56.4 84.6#





#51

4-Methyl-2-Pentanone

Concen: 201.335 ug/l

RT: 8.13 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Instrument :

BNA_F

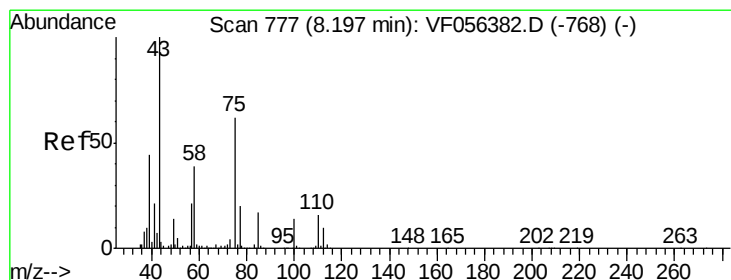
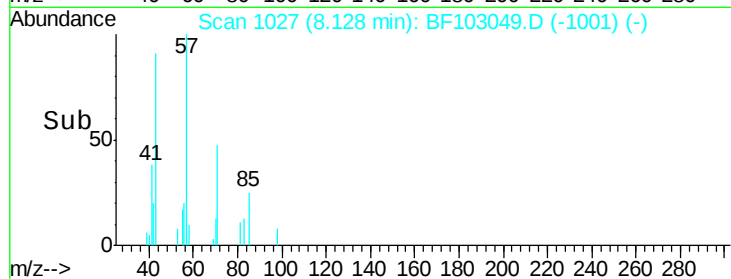
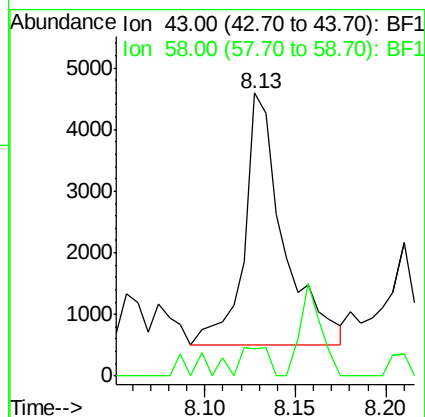
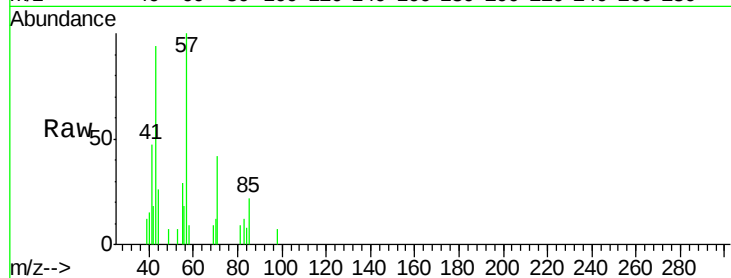
ClientSampleId :

Tot Ion: 43 Resp: 6113

Ion Ratio Lower Upper

43 100

58 9.8 31.9 47.9#



#53

t-1,3-Dichloropropene

Concen: 9.525 ug/l

RT: 8.16 min Scan# 1032

Delta R.T. -0.04 min

Lab File: BF103049.D

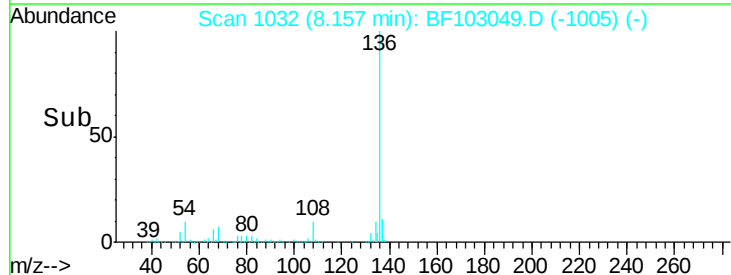
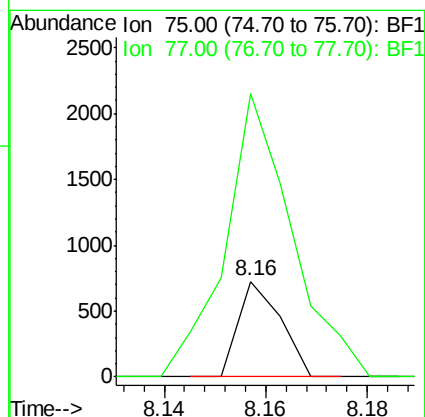
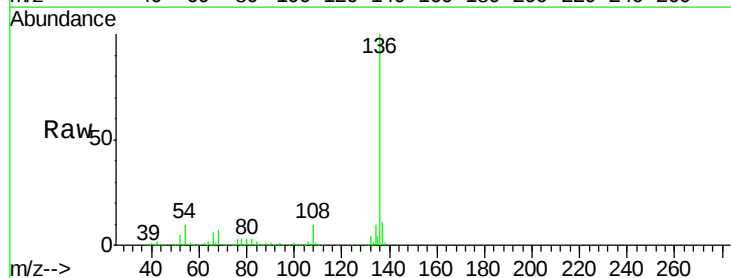
Acq: 16 Feb 2018 13:52

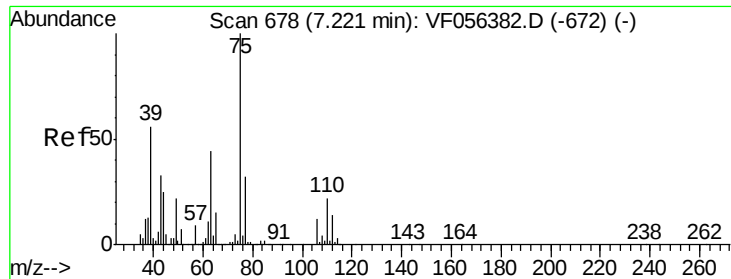
Tgt Ion: 75 Resp: 418

Ion Ratio Lower Upper

75 100

77 296.7 25.7 38.5#





#54

cis-1,3-Dichloropropene

Concen: 801.413 ug/l

RT: 7.03 min Scan# 841

Delta R.T. -0.19 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Instrument :

BNA_F

ClientSampled :

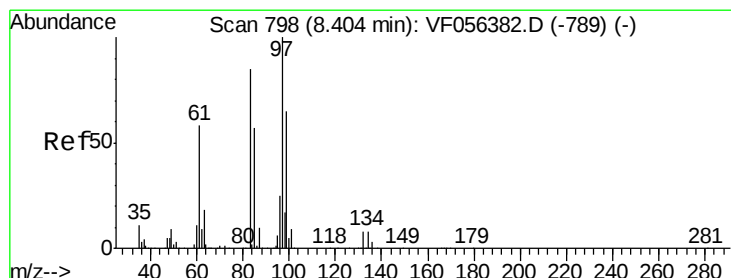
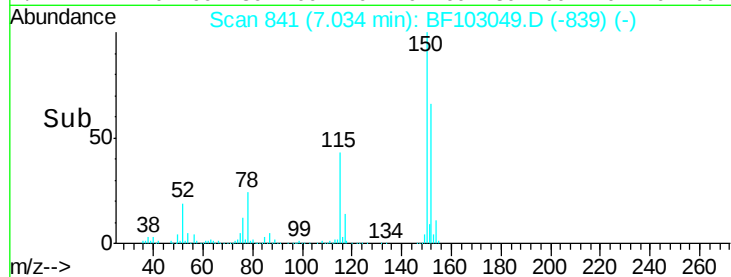
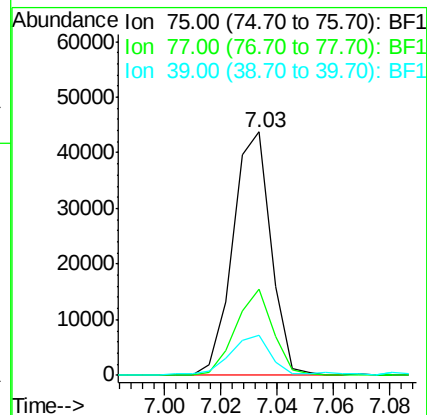
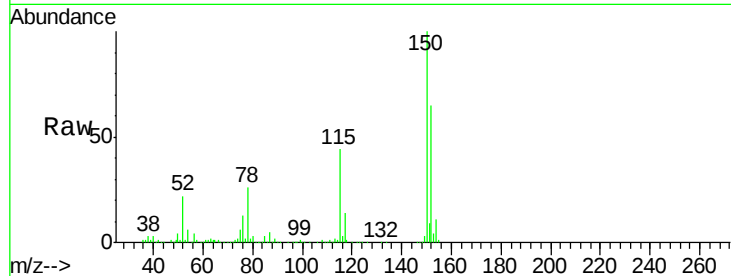
Tot Ion: 75 Resp: 41010

Ion Ratio Lower Upper

75 100

77 35.4 26.0 39.0

39 16.5 45.3 67.9#



#55

1,1,2-Trichloroethane

Concen: 17.771 ug/l

RT: 8.36 min Scan# 1066

Delta R.T. -0.05 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Tgt Ion: 97 Resp: 478

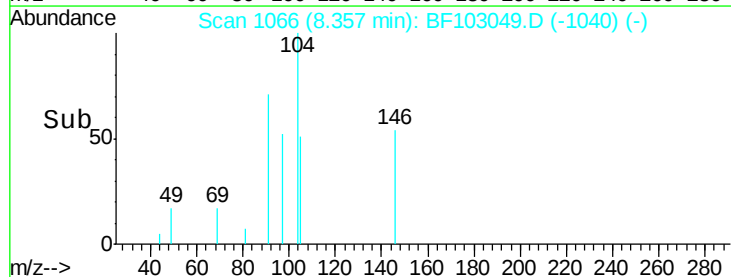
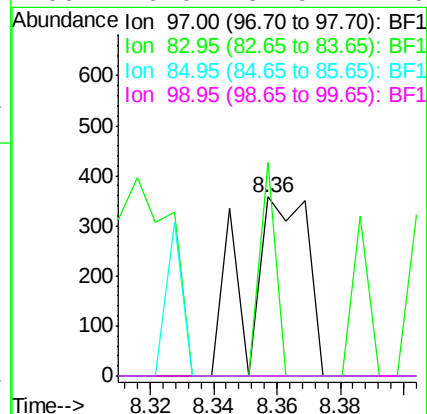
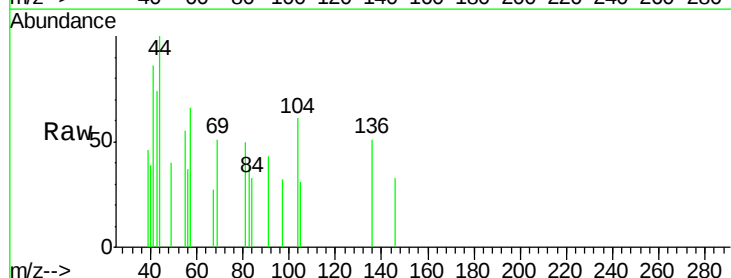
Ion Ratio Lower Upper

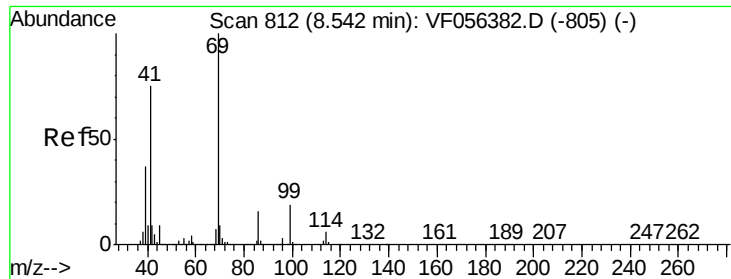
97 100

83 119.3 68.5 102.7#

85 0.0 46.2 69.4#

99 0.0 51.9 77.9#





#56

Ethyl methacrylate

Concen: 10.390 ug/l

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Instrument :

BNA_F

ClientSampled :

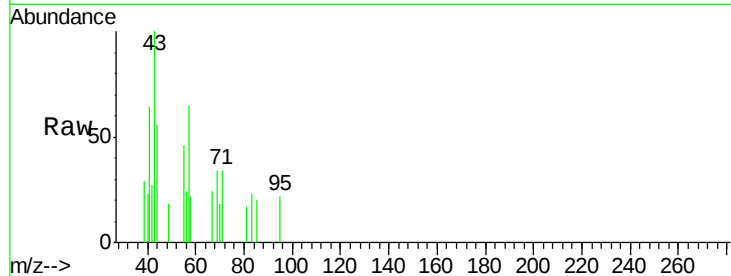
Tot Ion: 69 Resp: 390

Ion Ratio Lower Upper

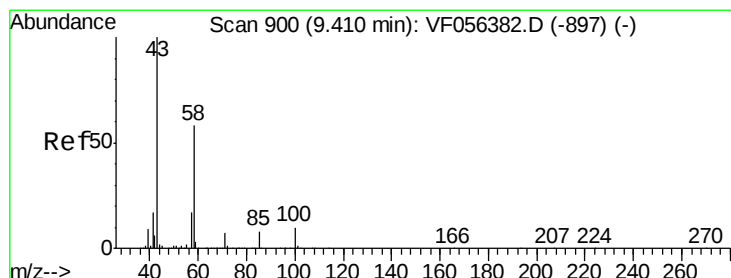
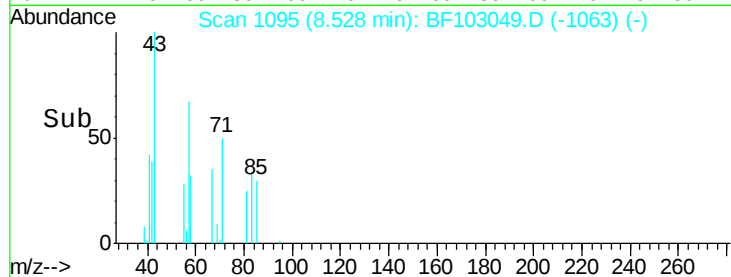
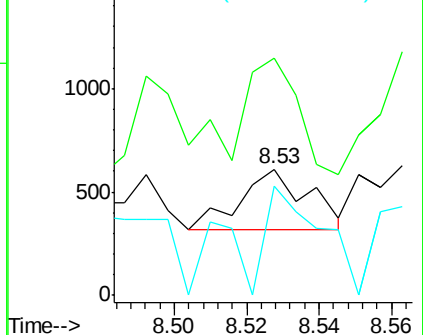
69 100

41 187.6 60.2 90.4#

39 86.8 30.0 45.0#



Abundance Ion 69.00 (68.70 to 69.70): BF1
Ion 41.00 (40.70 to 41.70): BF1
Ion 39.00 (38.70 to 39.70): BF1



#59

2-Hexanone

Concen: 41.203 ug/l

RT: 9.42 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BF103049.D

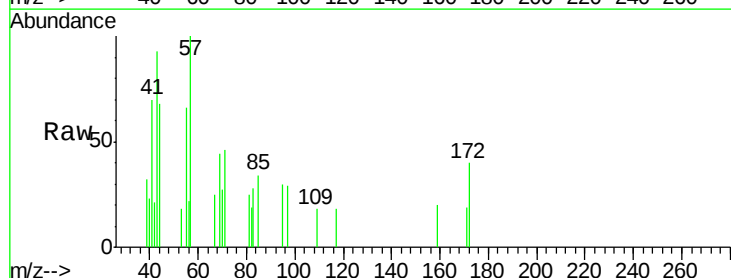
Acq: 16 Feb 2018 13:52

Tgt Ion: 43 Resp: 1059

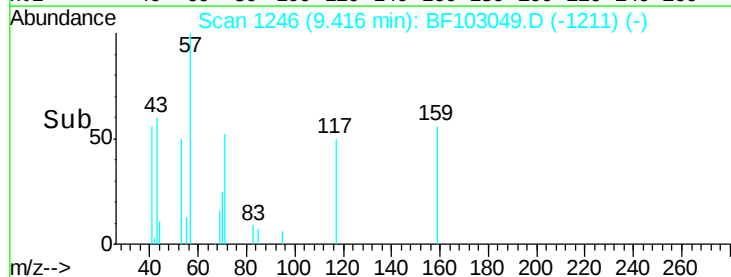
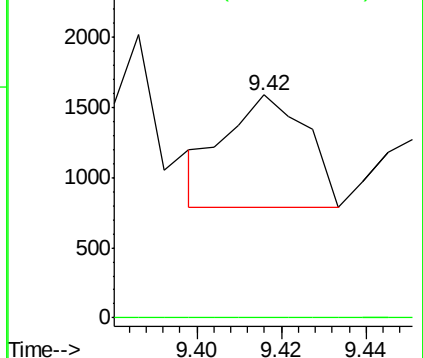
Ion Ratio Lower Upper

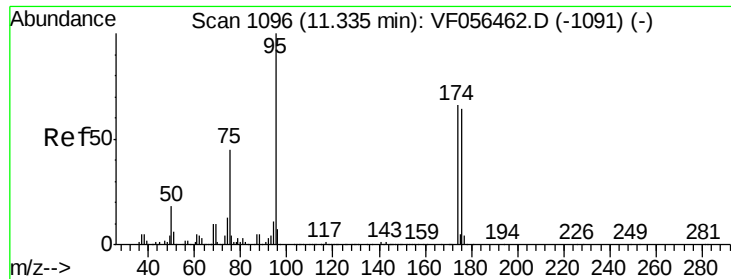
43 100

58 0.0 26.8 80.3#



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

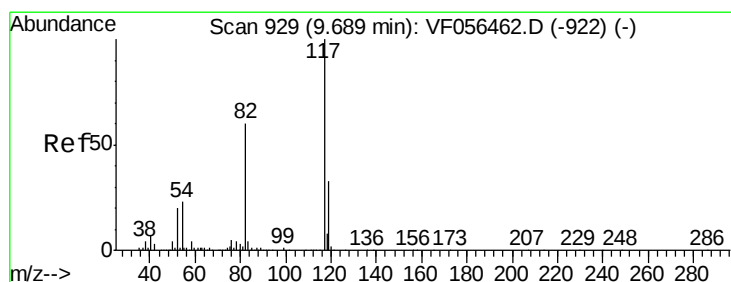
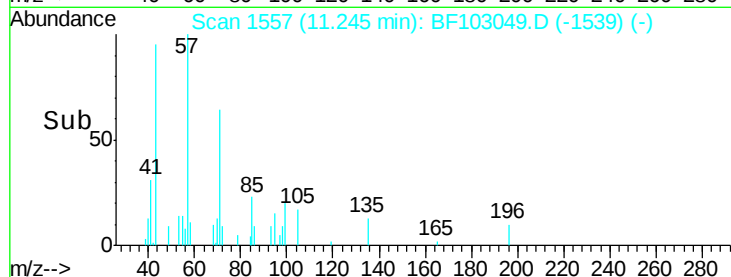
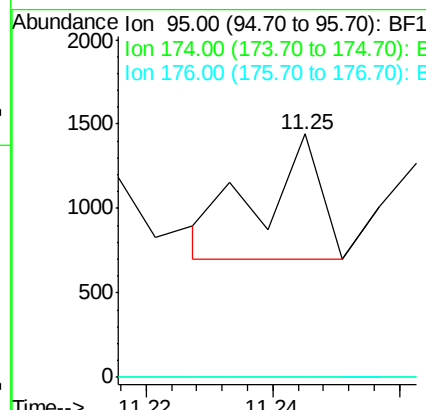
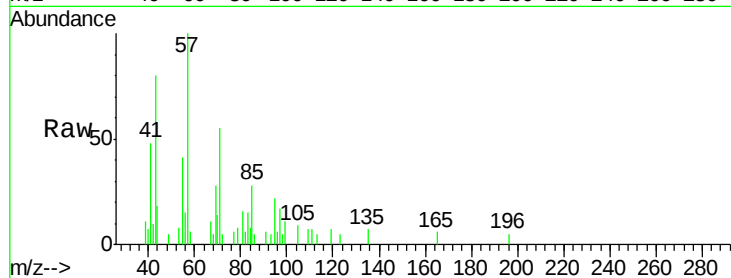




#62
4-Bromofluorobenzene
Concen: 10.109 ug/l
RT: 11.25 min Scan# 1557
Delta R.T. -0.10 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

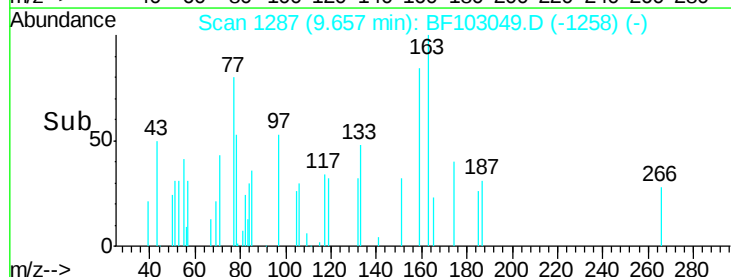
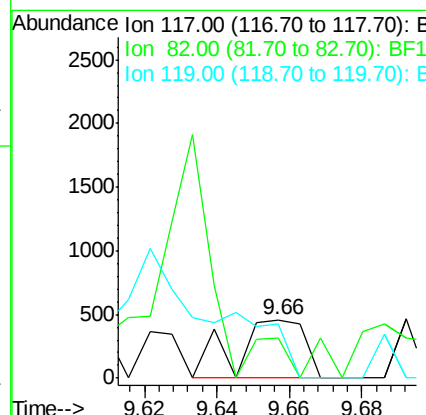
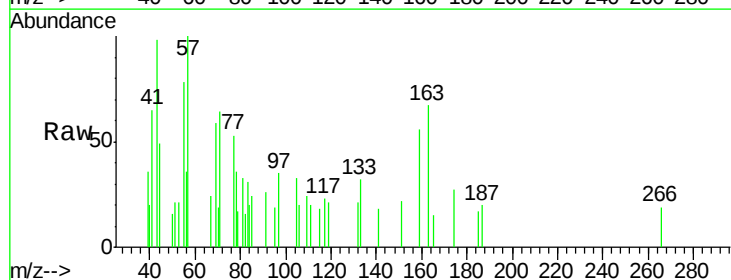
Instrument :
BNA_F
ClientSampleId :

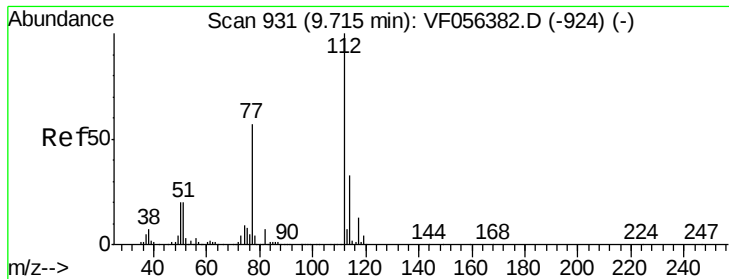
Tot Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	177.0
176	0.0	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.66 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.9	45.9	68.9
119	92.5	26.4	39.6#

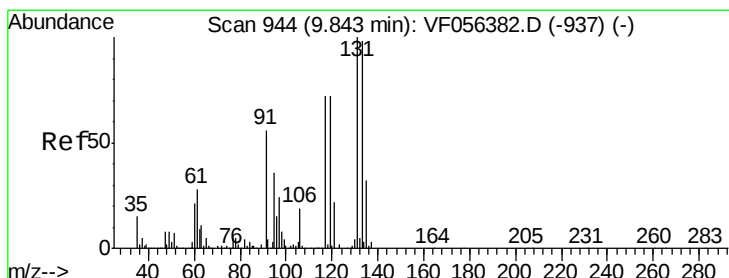
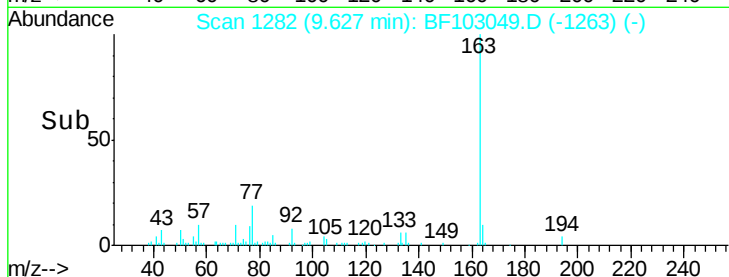
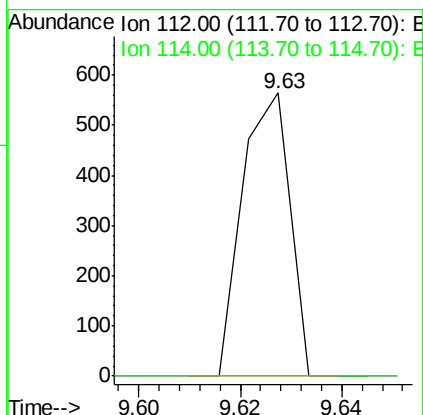
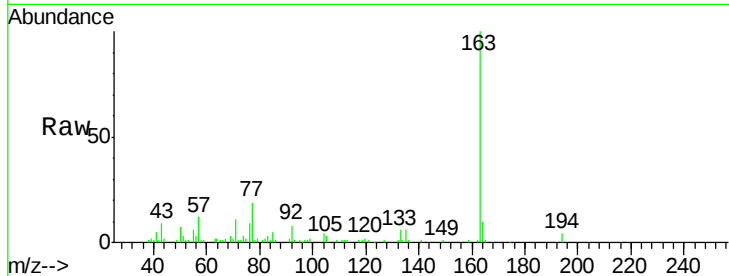




#65
Chlorobenzene
Concen: 30.558 ug/l
RT: 9.63 min Scan# 1282
Delta R.T. -0.09 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

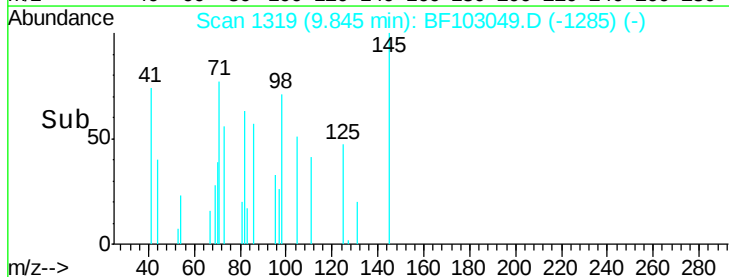
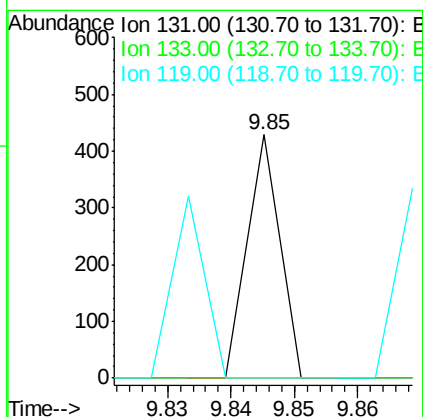
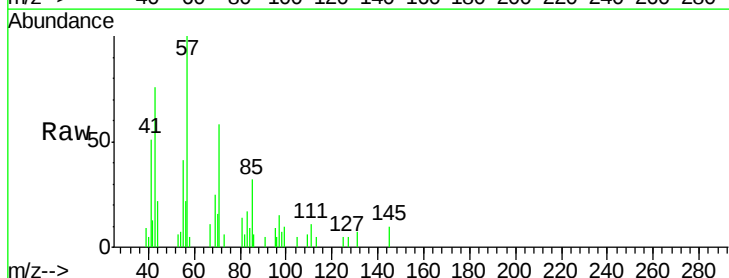
Instrument :
BNA_F
ClientSampleId :

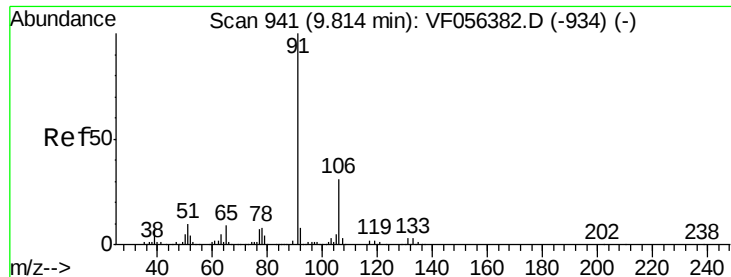
Tot Ion:112 Resp: 366
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.2#



#66
1,1,1,2-Tetrachloroethane
Concen: 35.780 ug/l
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

Tgt Ion:131 Resp: 151
Ion Ratio Lower Upper
131 100
133 0.0 48.9 146.6#
119 0.0 36.1 108.5#

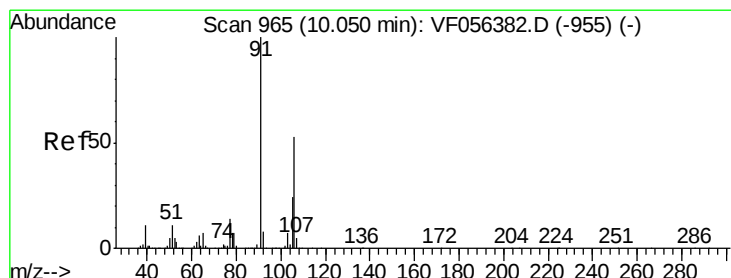
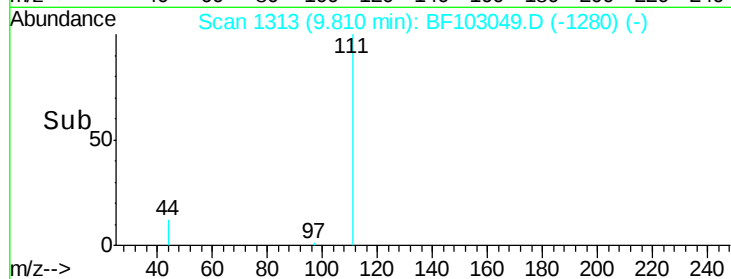
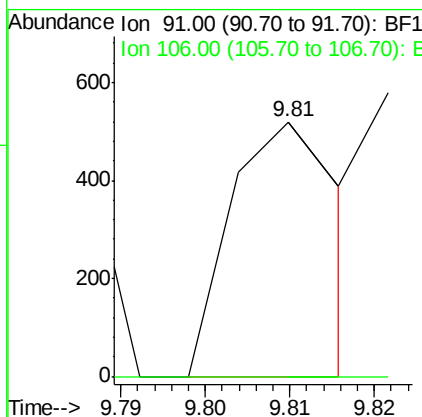
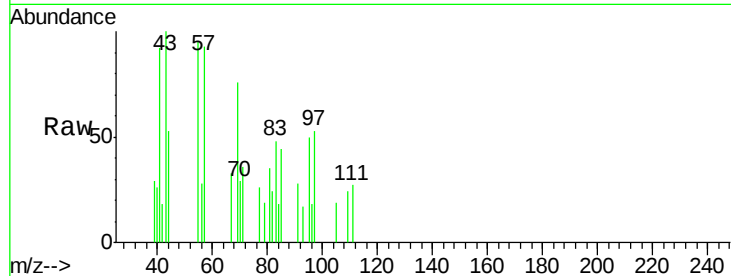




#67
Ethyl Benzene
Concen: 22.266 ug/l
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

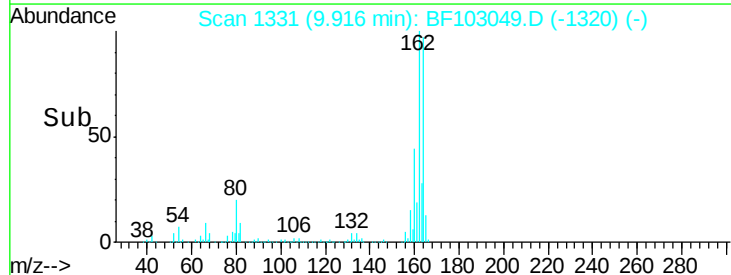
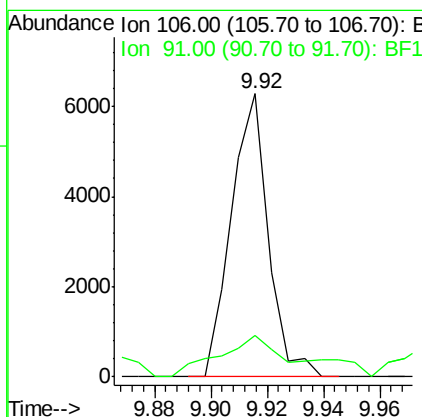
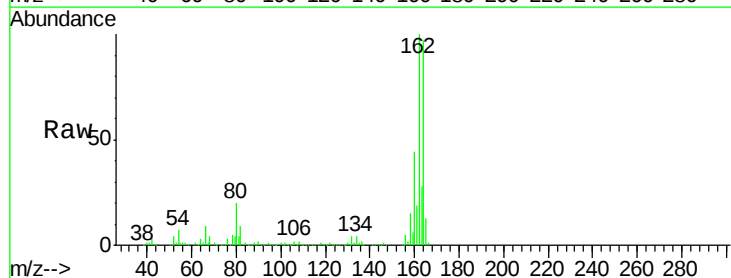
Instrument :
BNA_F
ClientSampleId :

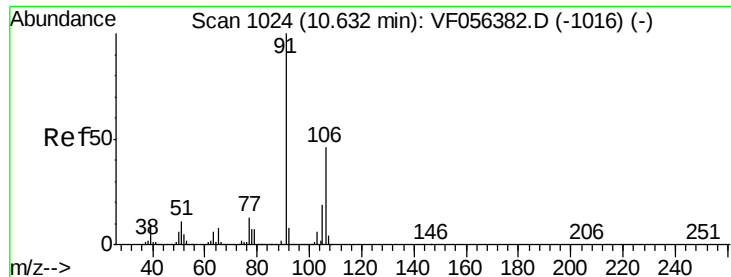
Tot Ion: 91 Resp: 468
Ion Ratio Lower Upper
91 100
106 0.0 25.0 37.4#



#68
m/p-Xylenes
Concen: 732.084 ug/l
RT: 9.92 min Scan# 1331
Delta R.T. -0.13 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

Tgt Ion: 106 Resp: 5696
Ion Ratio Lower Upper
106 100
91 14.5 151.1 226.7#

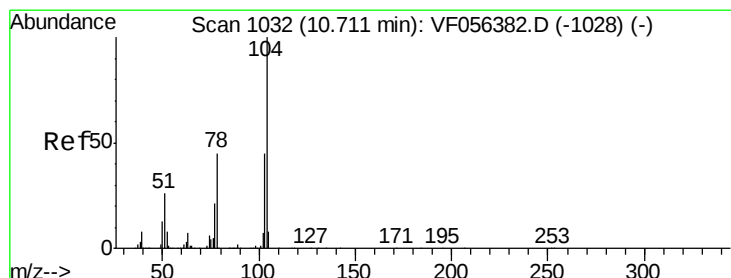
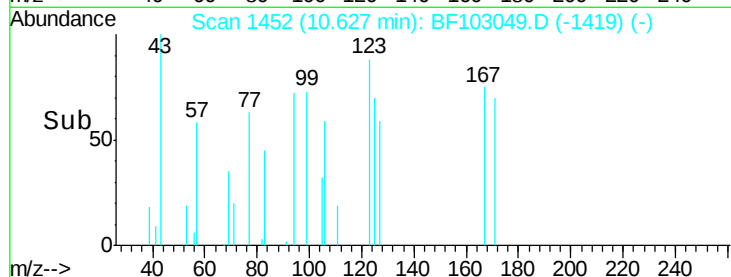
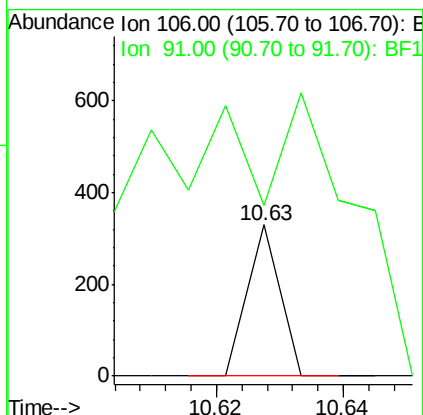
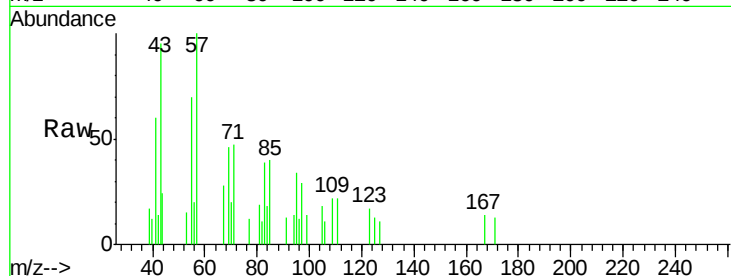




#69
o-Xylene
Concen: 14.462 ug/l
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

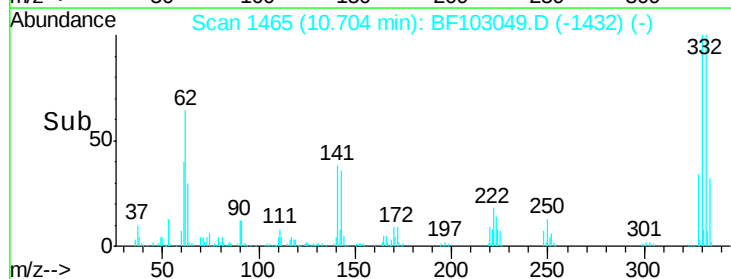
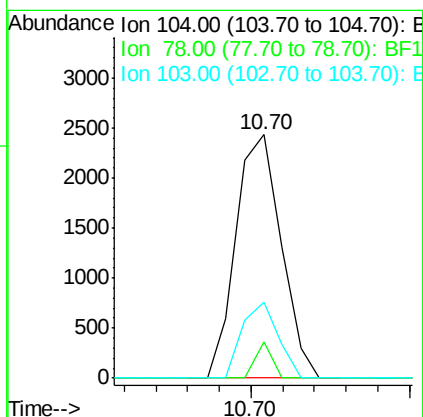
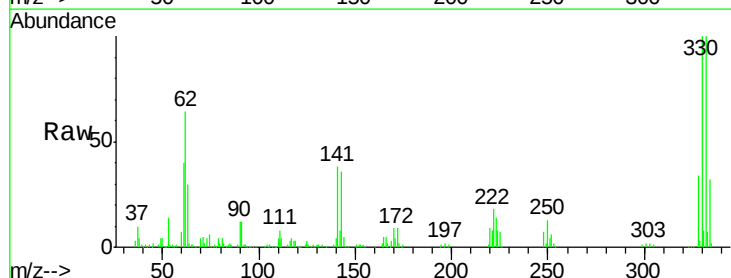
Instrument :
BNA_F
ClientSampleId :

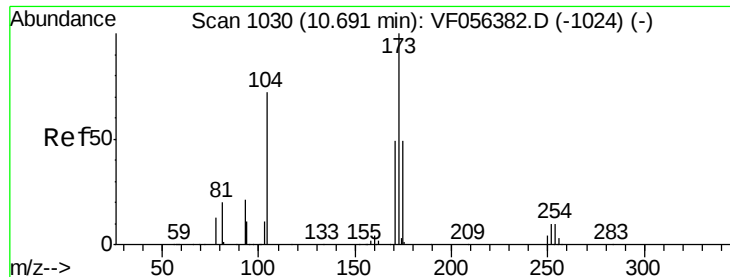
Tot Ion:106 Resp: 116
Ion Ratio Lower Upper
106 100
91 113.1 108.1 324.3



#70
Styrene
Concen: 191.949 ug/l
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

Tgt Ion:104 Resp: 2405
Ion Ratio Lower Upper
104 100
78 14.7 35.6 53.4#
103 31.3 36.5 54.7#





#71

Bromoform

Concen: 1116.218 ug/l

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF103049.D

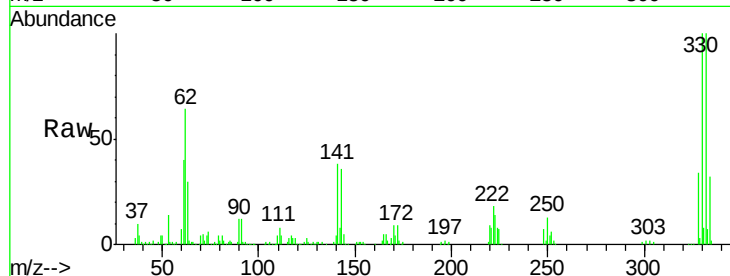
Acq: 16 Feb 2018 13:52

Instrument :

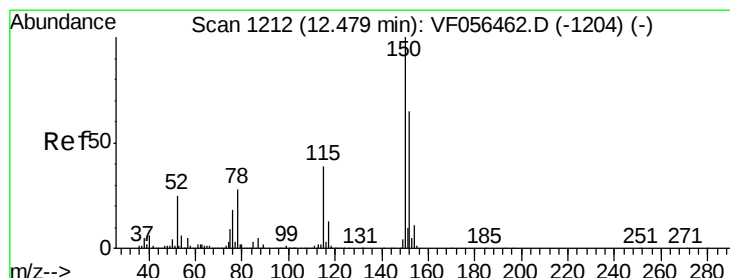
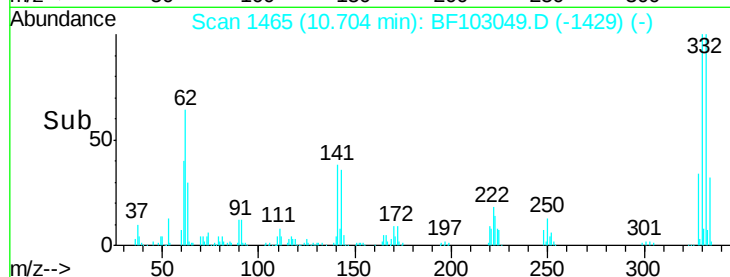
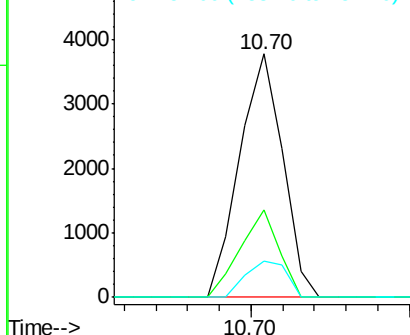
BNA_F

ClientSampleId :

Tot Ion:	173	Resp:	3568
Ion	Ratio	Lower	Upper
173	100		
175	36.0	24.9	74.8
254	15.1	7.6	11.4#



Abundance Ion 173.00 (172.70 to 173.70): E
Ion 175.00 (174.70 to 175.70): E
Ion 254.00 (253.70 to 254.70): E



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

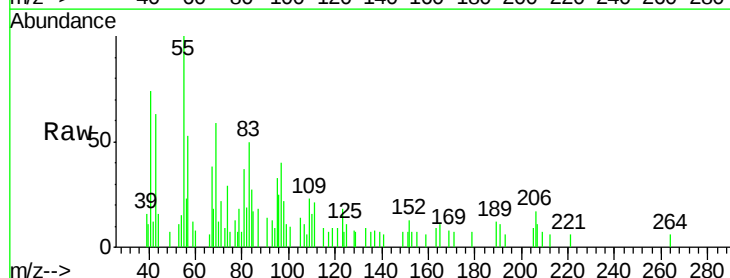
RT: 12.49 min Scan# 1769

Delta R.T. 0.02 min

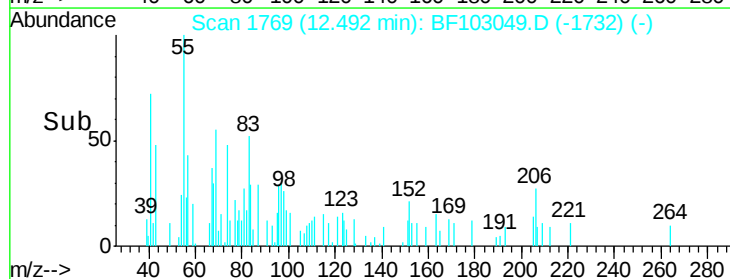
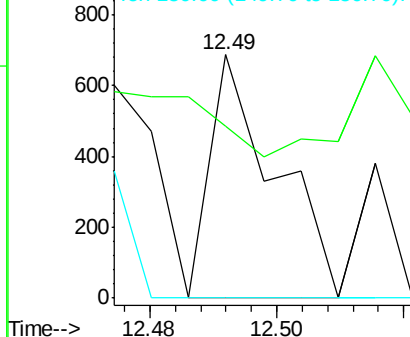
Lab File: BF103049.D

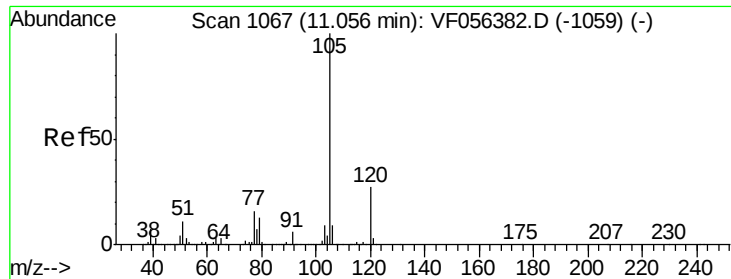
Acq: 16 Feb 2018 13:52

Tgt Ion:	152	Resp:	486
Ion	Ratio	Lower	Upper
152	100		
115	70.5	31.6	95.0
150	0.0	0.0	309.4



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





#73

Isopropylbenzene

Concen: 11.188 ug/l

RT: 11.05 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Instrument :

BNA_F

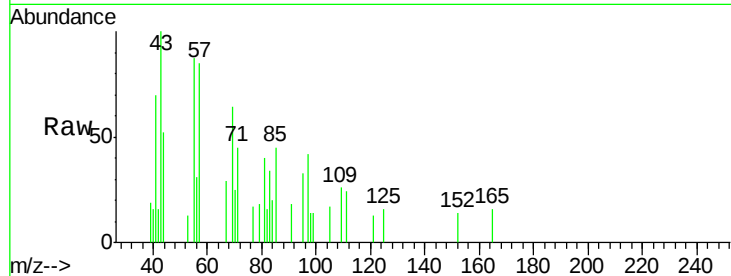
ClientSampleId :

Tot Ion:105 Resp: 390

Ion Ratio Lower Upper

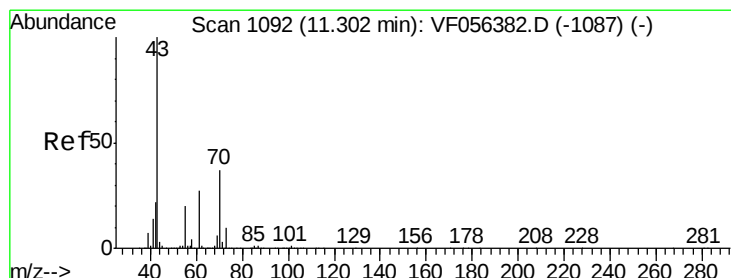
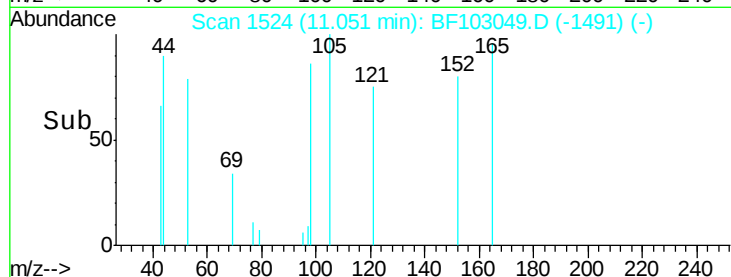
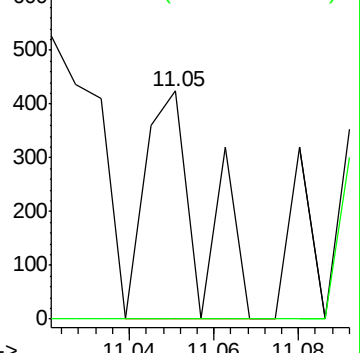
105 100

120 0.0 13.5 40.5#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 120.00 (119.70 to 120.70): E



#74

N-ethyl acetate

Concen: 329.448 ug/l

RT: 11.28 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Tgt Ion: 43 Resp: 5194

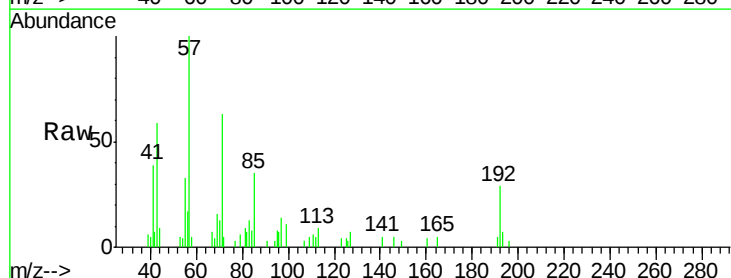
Ion Ratio Lower Upper

43 100

70 21.5 29.4 44.0#

55 55.7 16.0 24.0#

61 0.0 21.2 31.8#

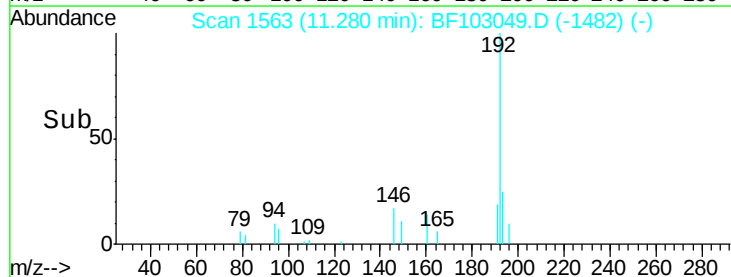
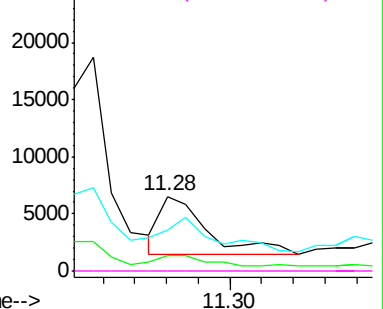


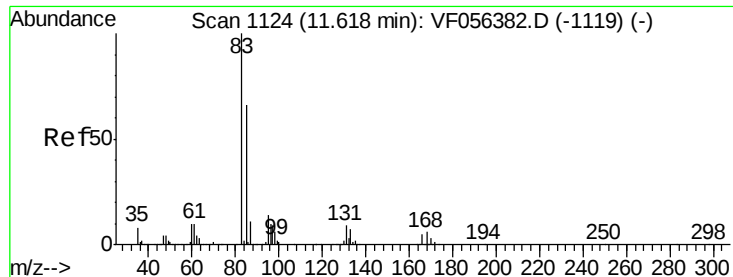
Abundance Ion 43.00 (42.70 to 43.70): BF1

Ion 70.00 (69.70 to 70.70): BF1

Ion 55.00 (54.70 to 55.70): BF1

Ion 61.00 (60.70 to 61.70): BF1





#75

1,1,2,2-Tetrachloroethane

Concen: 518.023 ug/l

RT: 11.62 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Instrument :

BNA_F

ClientSampleId :

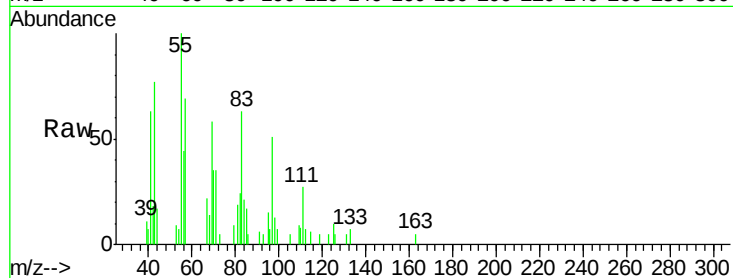
Tot Ion: 83 Resp: 5273

Ion Ratio Lower Upper

83 100

131 7.8 4.3 12.8

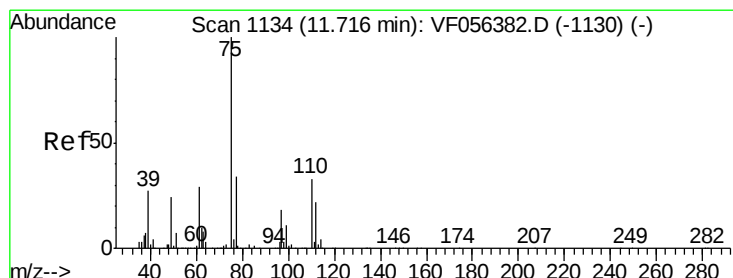
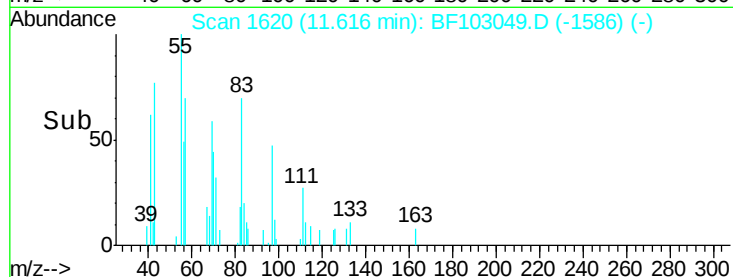
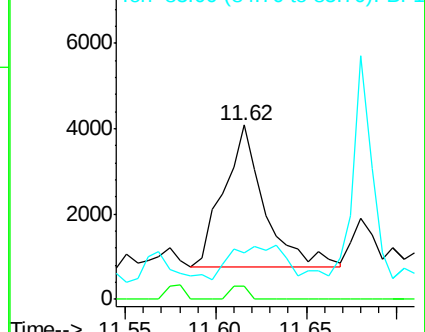
85 26.7 33.1 99.2#



Abundance Ion 83.00 (82.70 to 83.70): BF1

Ion 131.00 (130.70 to 131.70): BF1

Ion 85.00 (84.70 to 85.70): BF1



#76

1,2,3-Trichloropropane

Concen: 67.081 ug/l

RT: 11.78 min Scan# 1648

Delta R.T. 0.06 min

Lab File: BF103049.D

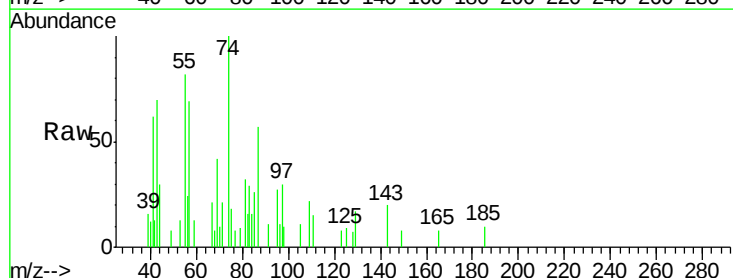
Acq: 16 Feb 2018 13:52

Tgt Ion: 75 Resp: 513

Ion Ratio Lower Upper

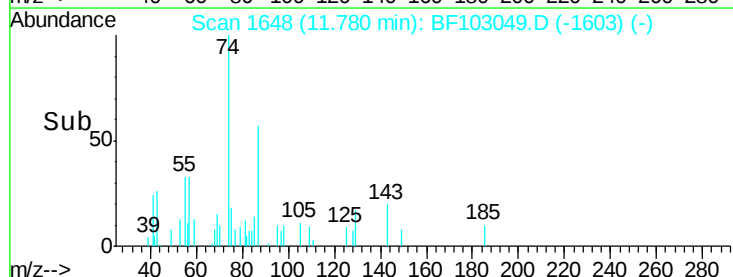
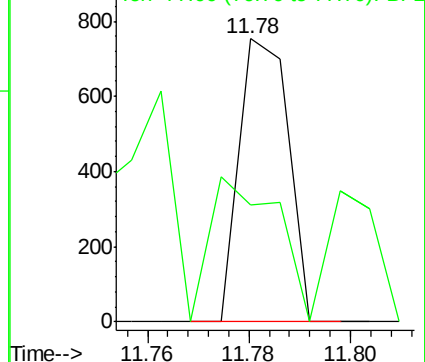
75 100

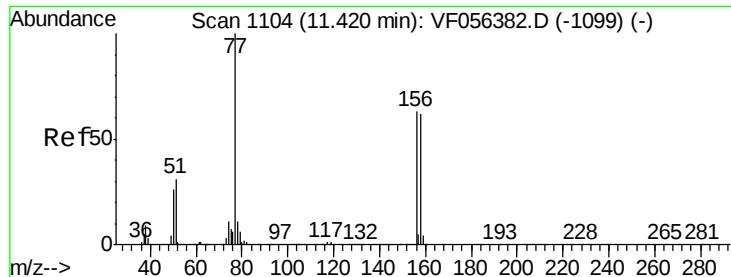
77 41.4 17.0 51.0



Abundance Ion 75.00 (74.70 to 75.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#77

Bromobenzene

Concen: 2673.688 ug/l

RT: 11.40 min Scan# 1584

Delta R.T. -0.02 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Instrument :

BNA_F

ClientSampleId :

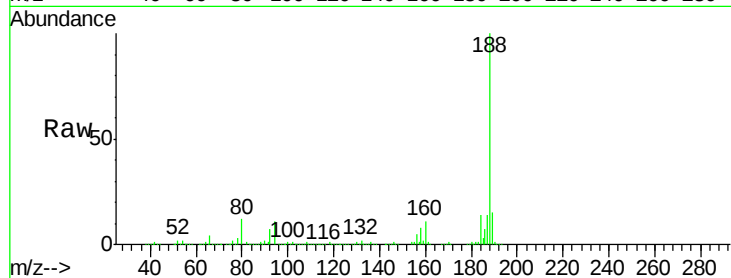
Tot Ion:156 Resp: 23918

Ion Ratio Lower Upper

156 100

77 6.2 79.8 239.4#

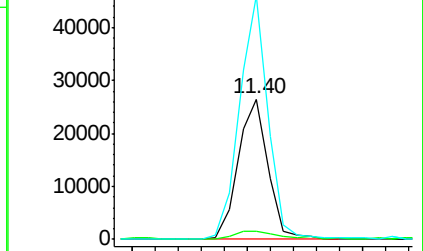
158 173.6 49.5 148.3#



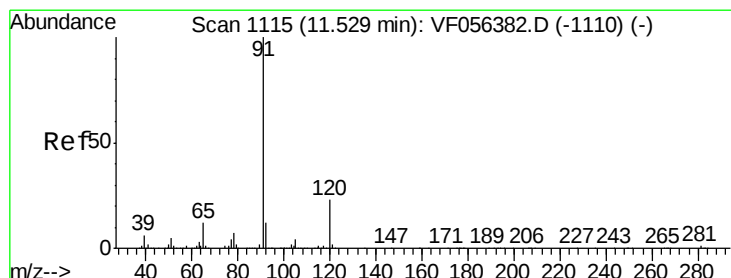
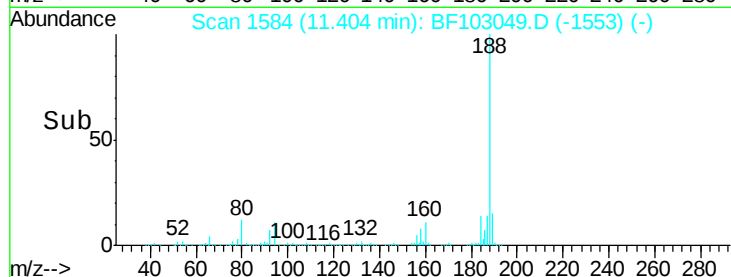
Abundance Ion 156.00 (155.70 to 156.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 158.00 (157.70 to 158.70): E



Time--> 11.35 11.40 11.45



#78

n-propylbenzene

Concen: 69.910 ug/l

RT: 11.40 min Scan# 1584

Delta R.T. -0.12 min

Lab File: BF103049.D

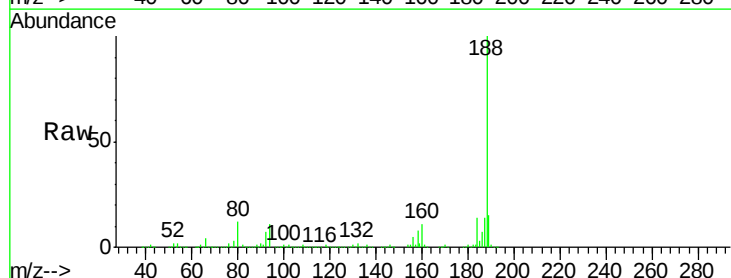
Acq: 16 Feb 2018 13:52

Tgt Ion: 91 Resp: 3019

Ion Ratio Lower Upper

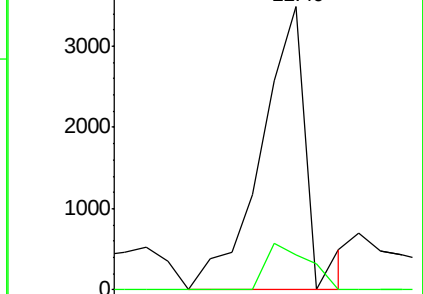
91 100

120 12.2 11.6 34.7

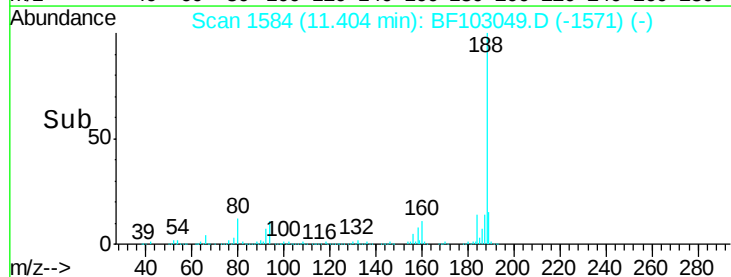


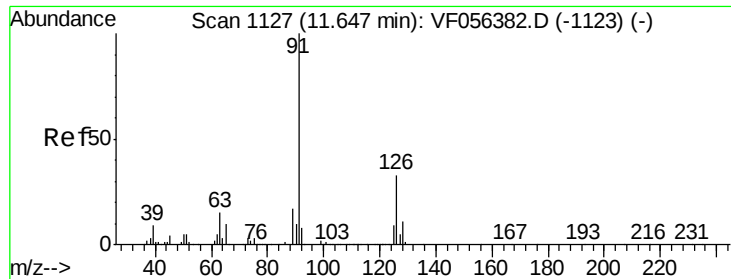
Abundance Ion 91.00 (90.70 to 91.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time--> 11.36 11.38 11.40 11.42





#79

2-Chlorotoluene

Concen: 35.443 ug/l

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Instrument :

BNA_F

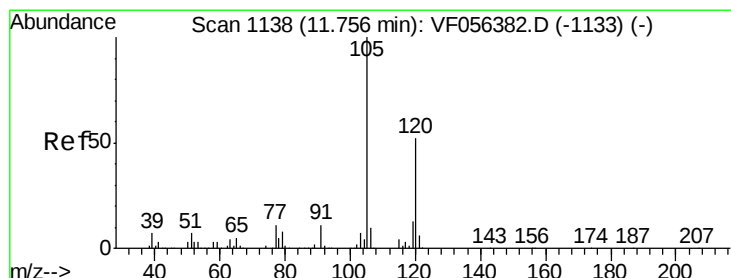
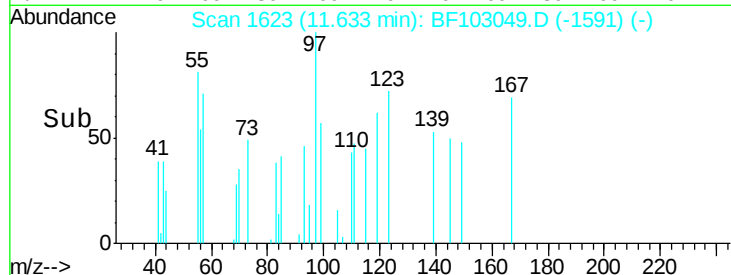
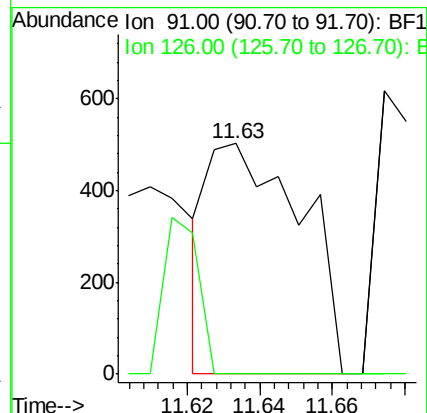
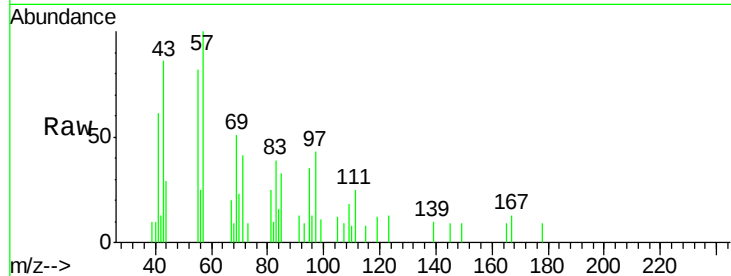
ClientSampleId :

Tot Ion: 91 Resp: 897

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#



#80

1,3,5-Trimethylbenzene

Concen: 34.733 ug/l

RT: 11.77 min Scan# 1647

Delta R.T. 0.02 min

Lab File: BF103049.D

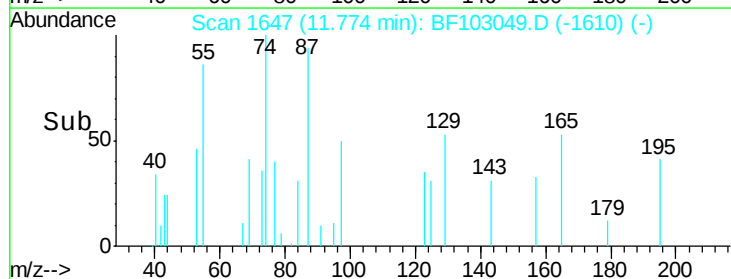
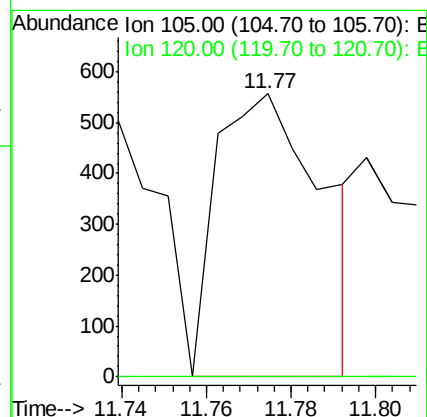
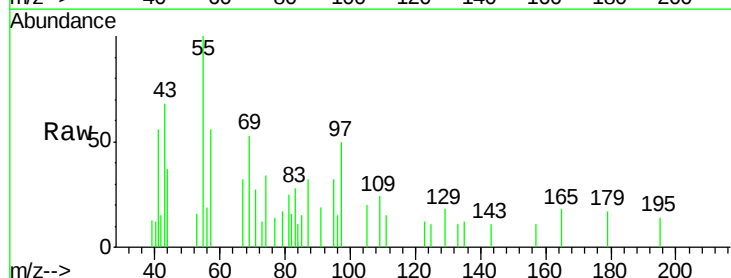
Acq: 16 Feb 2018 13:52

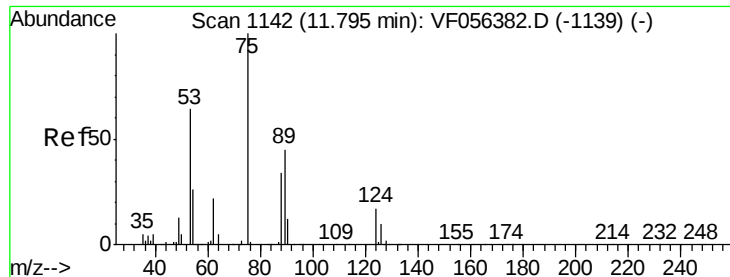
Tgt Ion: 105 Resp: 968

Ion Ratio Lower Upper

105 100

120 0.0 25.9 77.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 113.938 ug/l

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Instrument :

BNA_F

ClientSampleId :

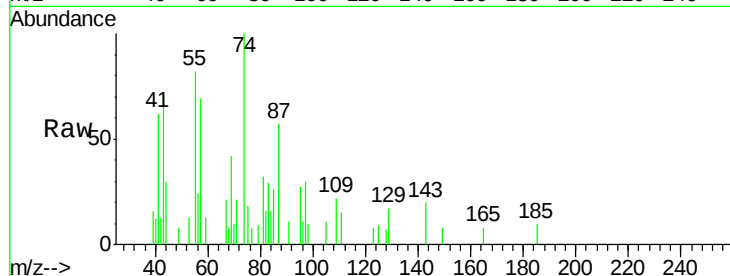
Tot Ion: 75 Resp: 513

Ion Ratio Lower Upper

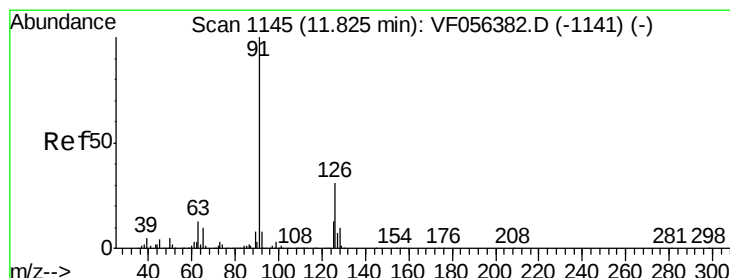
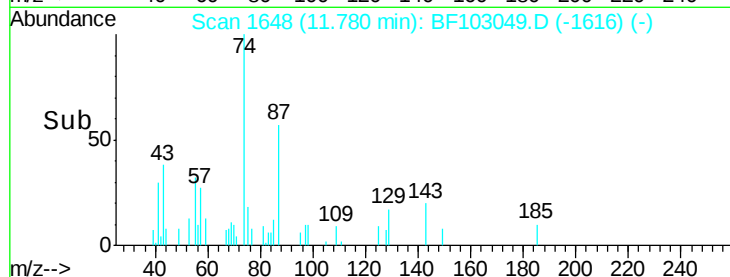
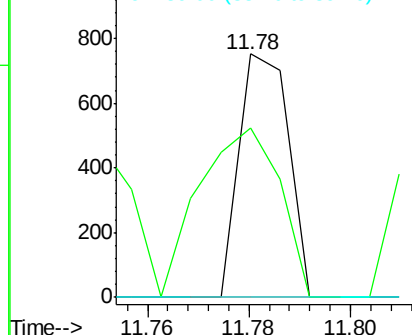
75 100

53 69.7 58.6 88.0

89 0.0 38.2 57.4#



Abundance Ion 75.00 (74.70 to 75.70): BF1
Ion 53.00 (52.70 to 53.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#82

4-Chlorotoluene

Concen: 7.481 ug/l

RT: 11.84 min Scan# 1659

Delta R.T. 0.02 min

Lab File: BF103049.D

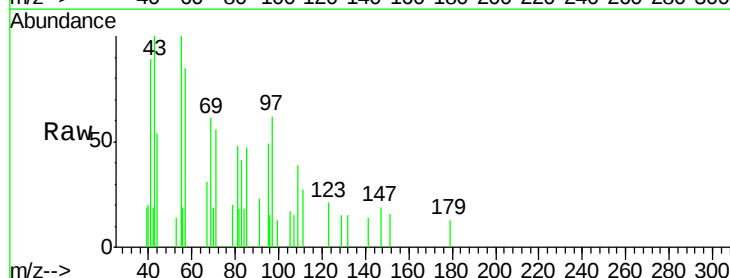
Acq: 16 Feb 2018 13:52

Tgt Ion: 91 Resp: 201

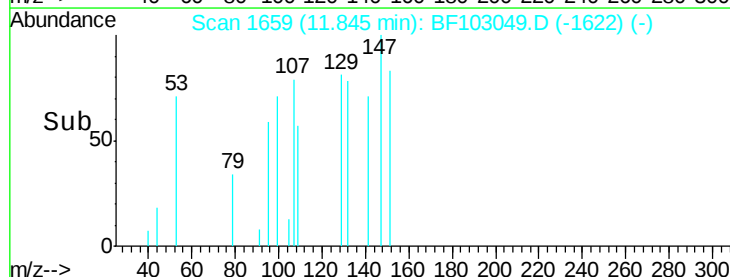
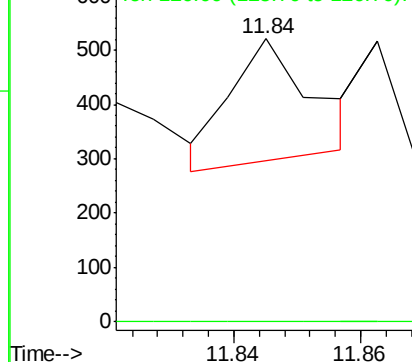
Ion Ratio Lower Upper

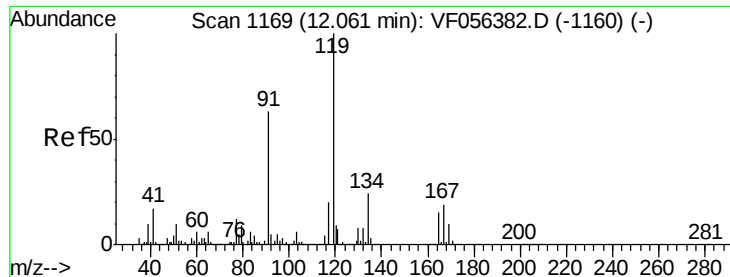
91 100

126 0.0 15.9 47.6#



Abundance Ion 91.00 (90.70 to 91.70): BF1
Ion 126.00 (125.70 to 126.70): BF1





#83

tert-Butylbenzene

Concen: 20.176 ug/l

RT: 12.06 min Scan# 1696

Delta R.T. 0.00 min

Lab File: BF103049.D

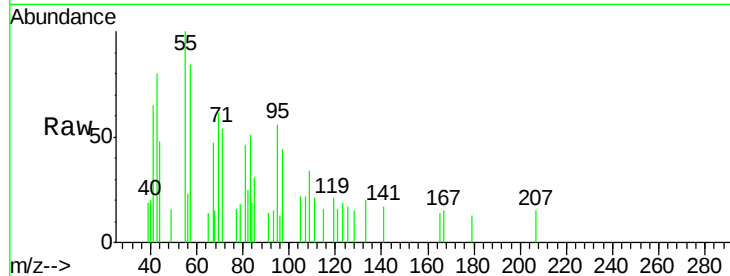
Acq: 16 Feb 2018 13:52

Instrument :

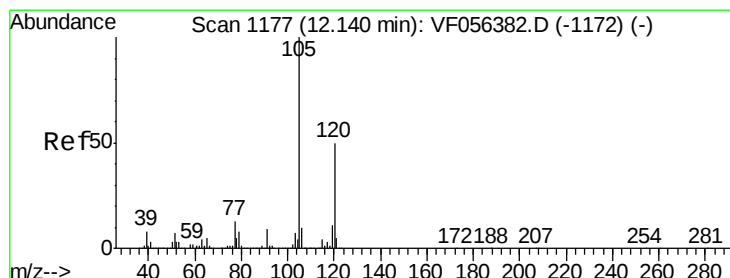
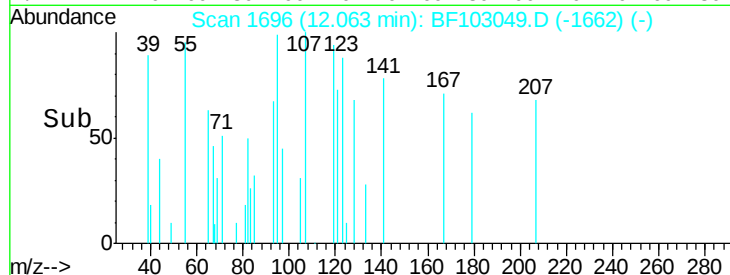
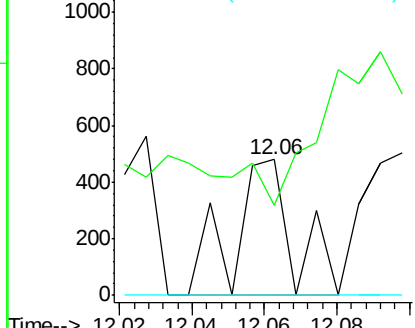
BNA_F

ClientSampleId :

Tot Ion:119	Resp:	551
Ion	Ratio	Lower Upper
119	100	
91	66.0	31.5 94.5
134	0.0	12.0 36.1#



Abundance Ion 119.00 (118.70 to 119.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 134.00 (133.70 to 134.70): E



#84

1,2,4-Trimethylbenzene

Concen: 38.153 ug/l

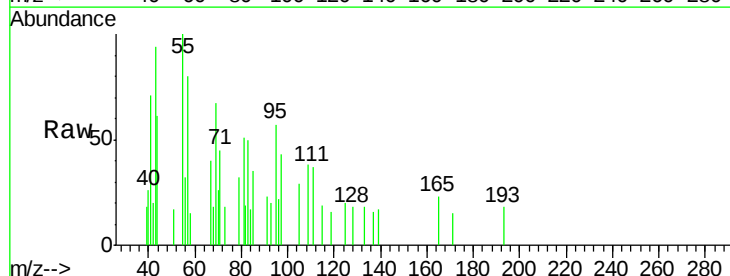
RT: 12.13 min Scan# 1707

Delta R.T. -0.01 min

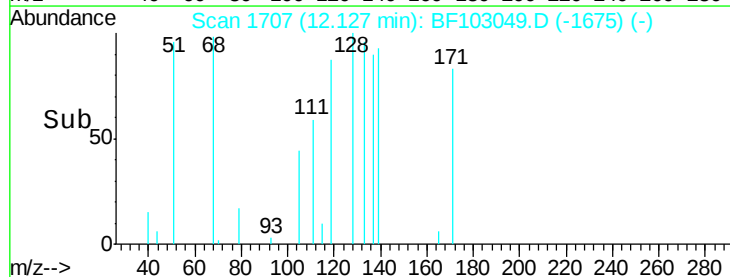
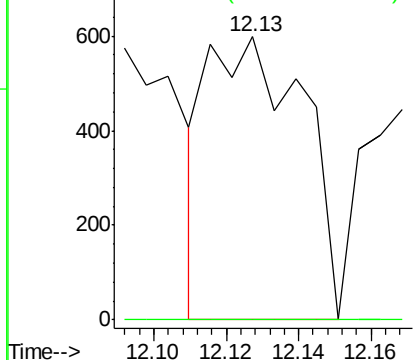
Lab File: BF103049.D

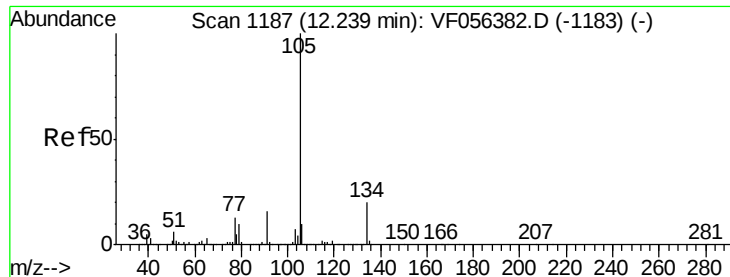
Acq: 16 Feb 2018 13:52

Tgt Ion:105	Resp:	1093
Ion	Ratio	Lower Upper
105	100	
120	0.0	25.1 75.4#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 120.00 (119.70 to 120.70): E





#85

sec-Butylbenzene

Concen: 57.702 ug/l

RT: 12.23 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

Instrument :

BNA_F

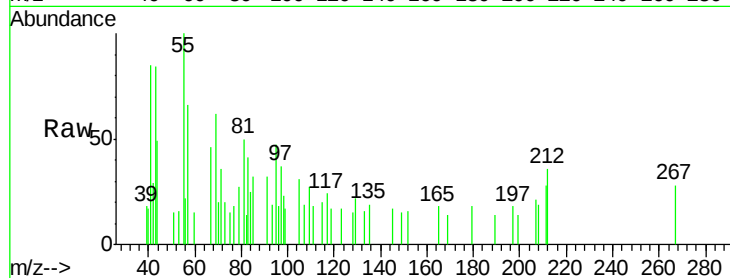
ClientSampleId :

Tot Ion:105 Resp: 2128

Ion Ratio Lower Upper

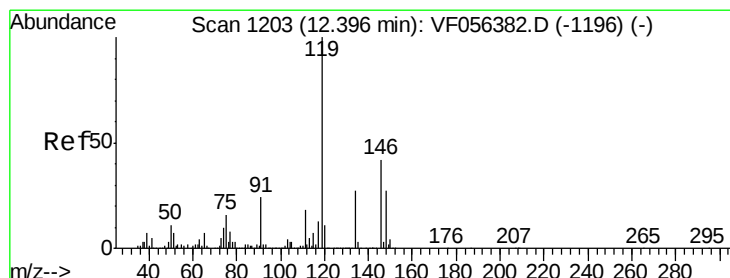
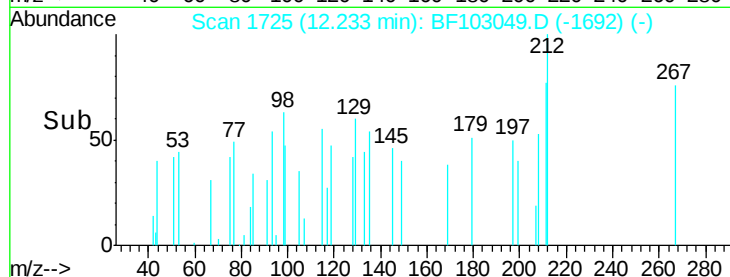
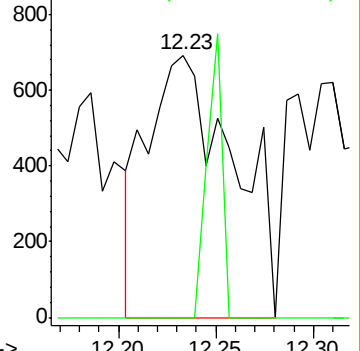
105 100

134 0.0 10.2 30.6#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 134.00 (133.70 to 134.70): E



#86

p-Isopropyltoluene

Concen: 15.971 ug/l

RT: 12.39 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF103049.D

Acq: 16 Feb 2018 13:52

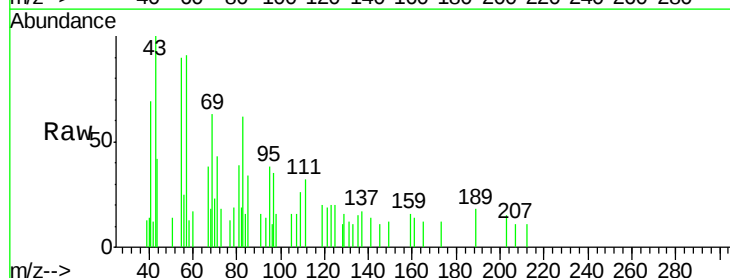
Tgt Ion:119 Resp: 474

Ion Ratio Lower Upper

119 100

134 0.0 13.6 40.8#

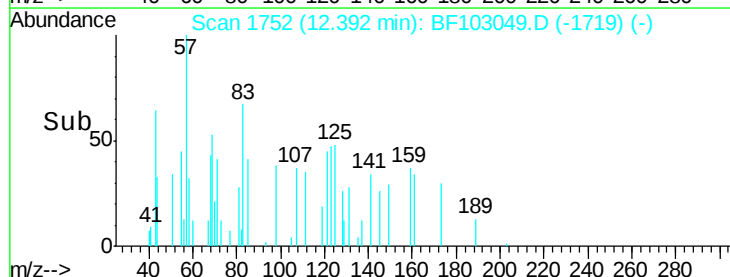
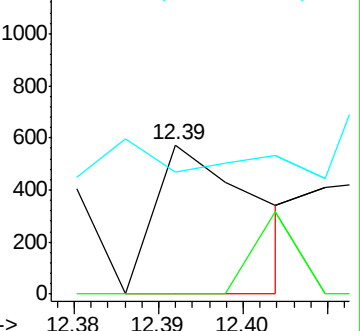
91 81.8 12.0 36.1#

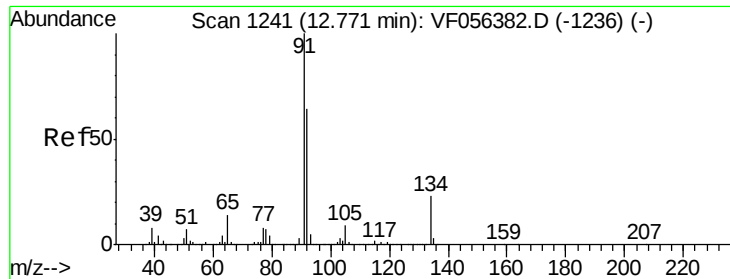


Abundance Ion 119.00 (118.70 to 119.70): E

Ion 134.00 (133.70 to 134.70): E

Ion 91.00 (90.70 to 91.70): BF1

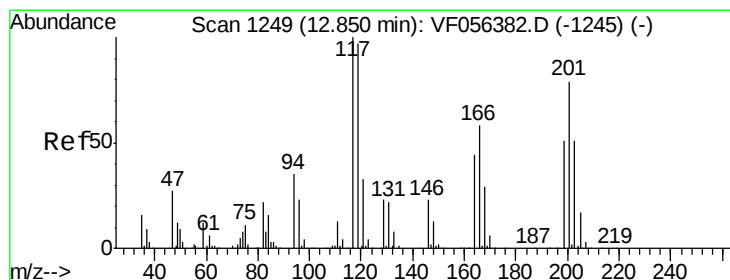
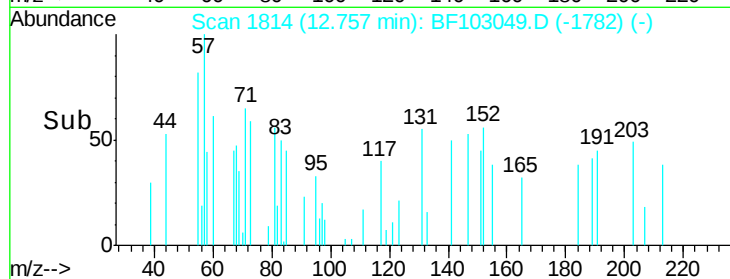
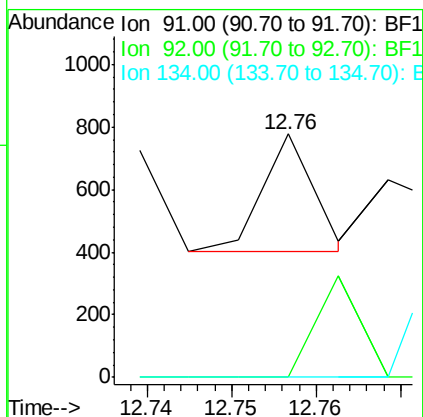
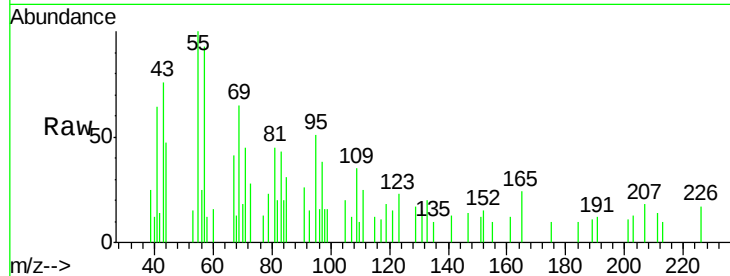




#89
n-Butylbenzene
Concen: 4.880 ug/l
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

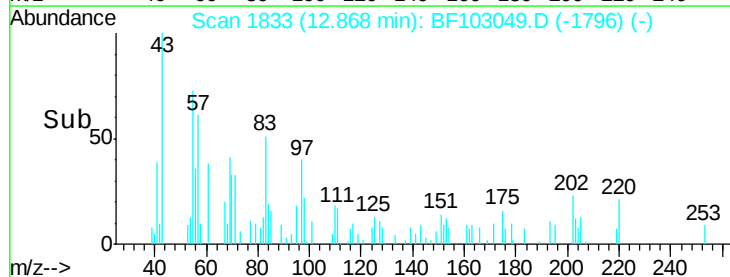
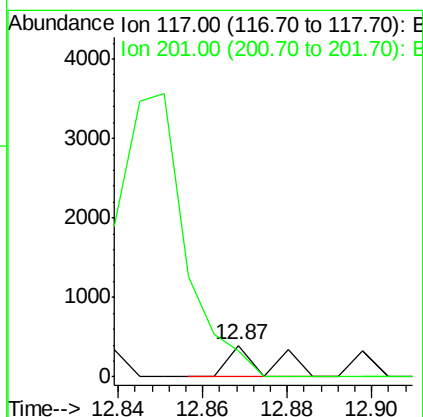
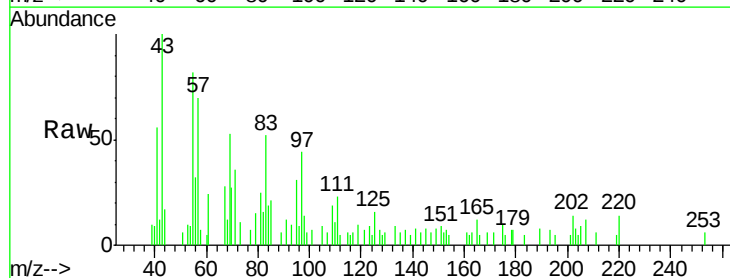
Instrument :
BNA_F
ClientSampleId :

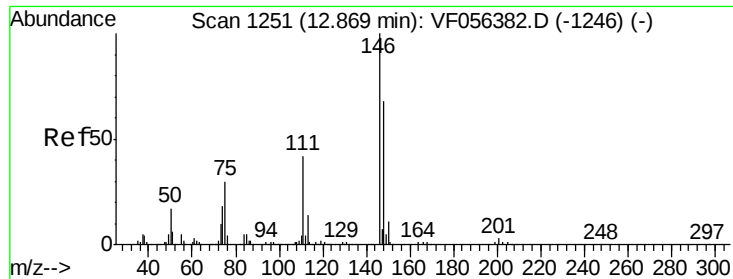
Tot Ion: 91 Resp: 155
Ion Ratio Lower Upper
91 100
92 0.0 31.9 95.9#
134 0.0 11.7 35.1#



#90
Hexachloroethane
Concen: 44.487 ug/l
RT: 12.87 min Scan# 1833
Delta R.T. 0.02 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

Tgt Ion: 117 Resp: 262
Ion Ratio Lower Upper
117 100
201 81.1 39.4 118.1

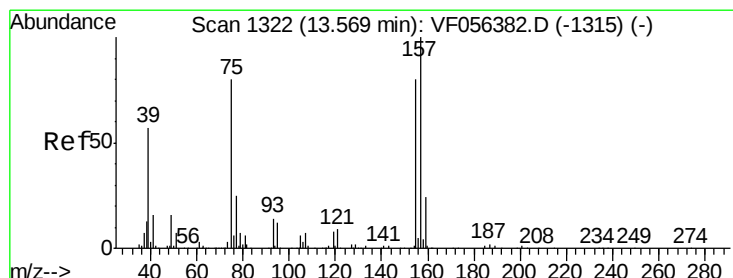
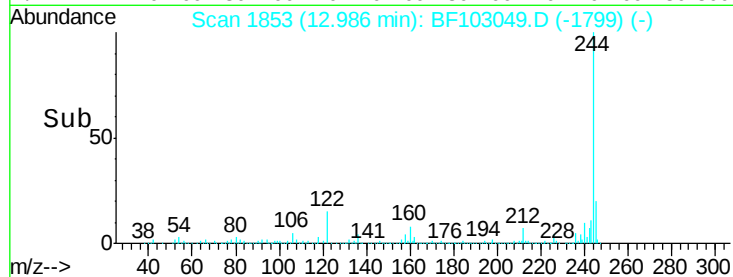
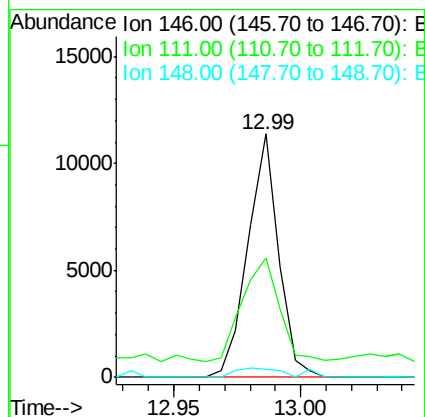
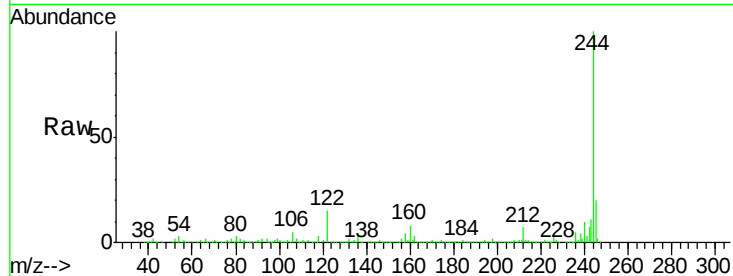




#91
 1,2-Dichlorobenzene
 Concen: 635.637 ug/l
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.12 min
 Lab File: BF103049.D
 Acq: 16 Feb 2018 13:52

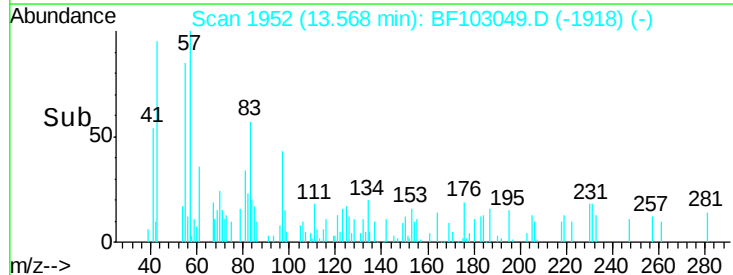
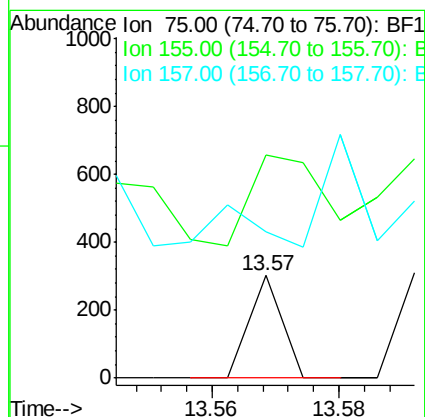
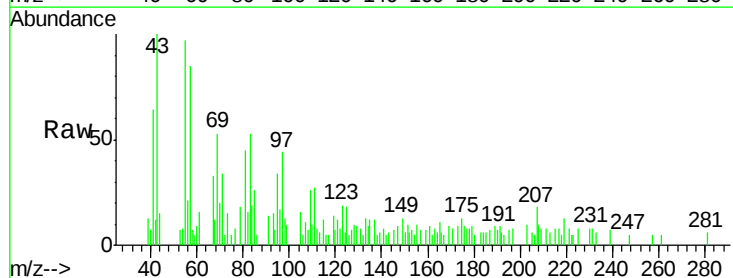
Instrument :
 BNA_F
 ClientSampleId :

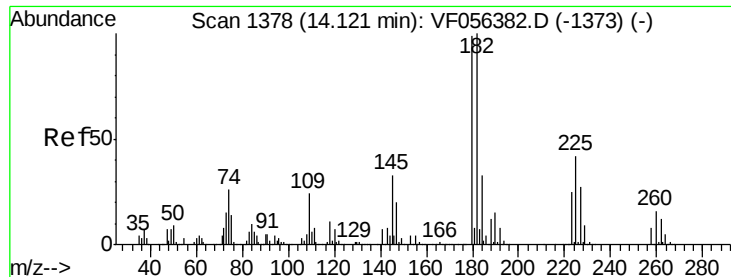
Tot Ion:146 Resp: 9629
 Ion Ratio Lower Upper
 146 100
 111 49.2 21.1 63.3
 148 3.5 34.1 102.3#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.891 ug/l
 RT: 13.57 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BF103049.D
 Acq: 16 Feb 2018 13:52

Tgt Ion: 75 Resp: 106
 Ion Ratio Lower Upper
 75 100
 155 217.9 50.0 149.8#
 157 142.9 62.5 187.6

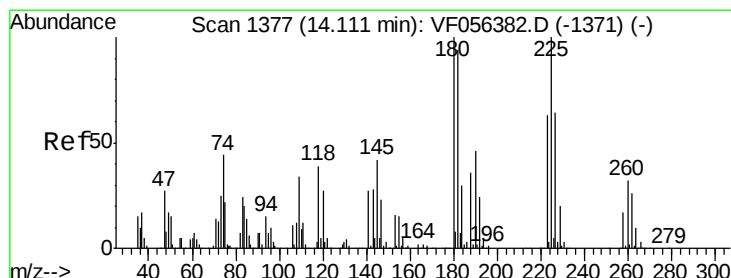
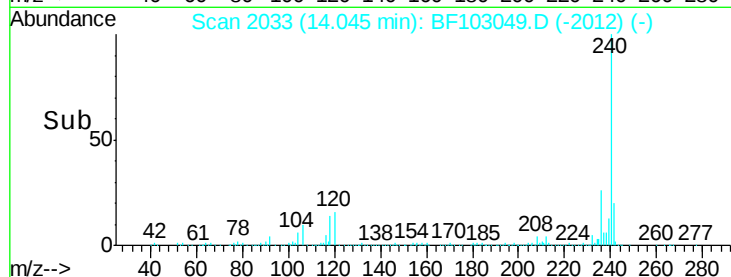
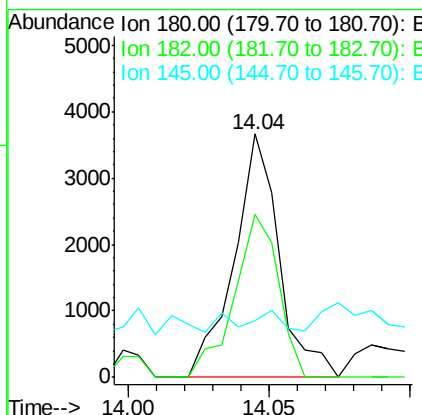
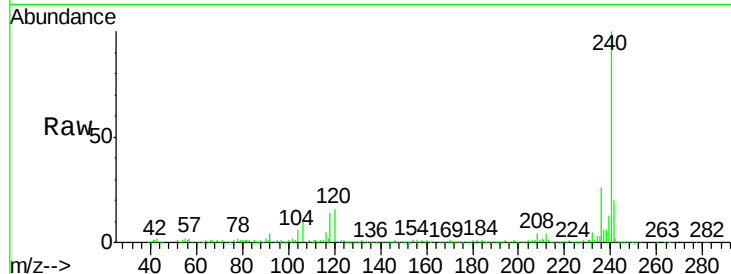




#93
 1,2,4-Trichlorobenzene
 Concen: 419.899 ug/l
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.08 min
 Lab File: BF103049.D
 Acq: 16 Feb 2018 13:52

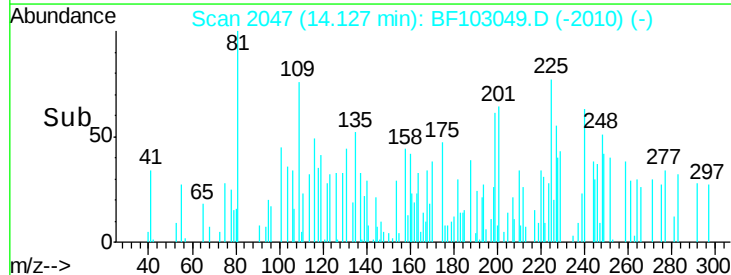
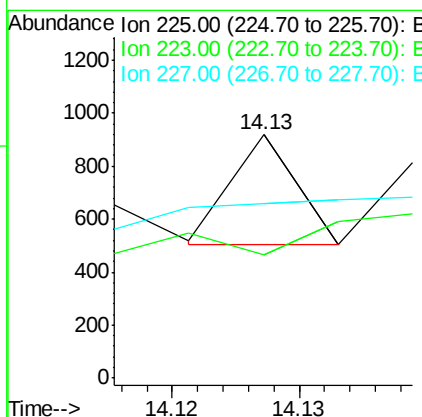
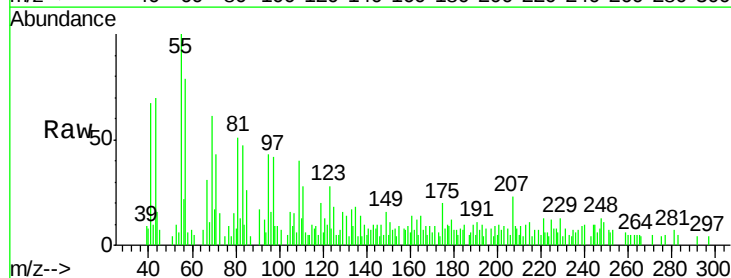
Instrument :
 BNA_F
 ClientSampleId :

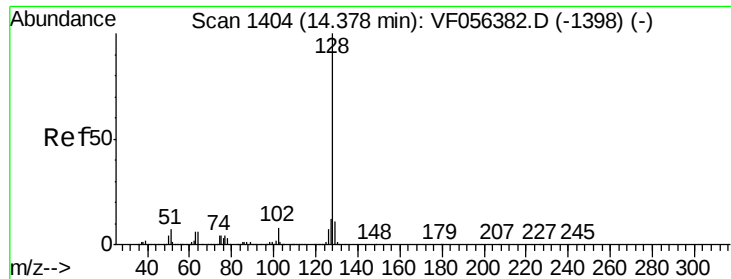
Tot Ion:180 Resp: 4068
 Ion Ratio Lower Upper
 180 100
 182 66.7 50.3 150.9
 145 23.4 16.4 49.2



#94
 Hexachlorobutadiene
 Concen: 24.886 ug/l
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.02 min
 Lab File: BF103049.D
 Acq: 16 Feb 2018 13:52

Tgt Ion:225 Resp: 146
 Ion Ratio Lower Upper
 225 100
 223 50.5 31.4 94.2
 227 71.7 32.1 96.3

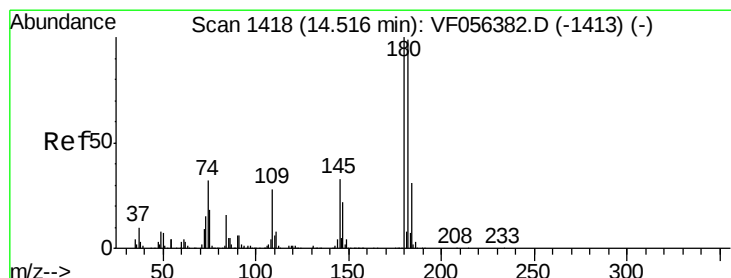
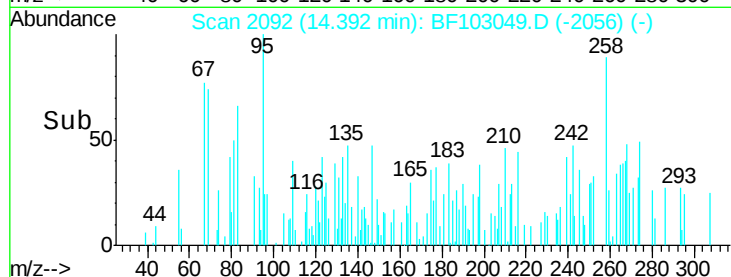
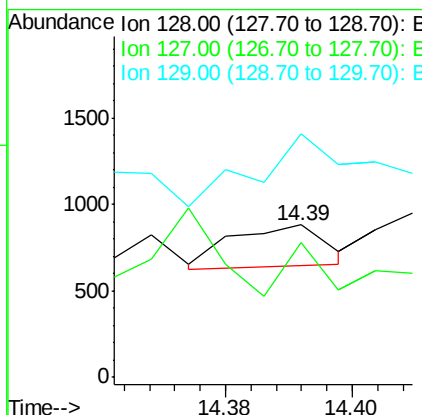
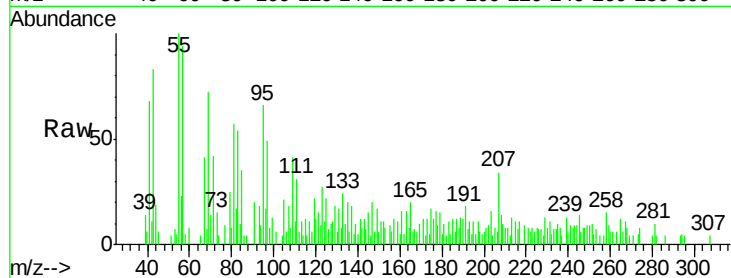




#95
Naphthalene
Concen: 10.663 ug/l
RT: 14.39 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 252
Ion Ratio Lower Upper
128 100
127 88.4 9.8 14.6#
129 159.8 9.0 13.4#



#96
1,2,3-Trichlorobenzene
Concen: 53.735 ug/l
RT: 14.52 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BF103049.D
Acq: 16 Feb 2018 13:52

Tgt Ion:180 Resp: 489
Ion Ratio Lower Upper
180 100
182 59.0 49.4 148.0
145 208.3 16.7 50.1#

