

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106946.D
 Acq On : 29 Jun 2018 2:43
 Operator : JU/SJ
 Sample : J3593-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

Quant Time: Jun 29 05:56:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62862	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	212295	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	90272	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	156211	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	175482	20.00	ng	-0.02
86) Perylene-d12	15.68	264	159899	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	257079	69.25	ng	0.00
7) Phenol-d6	6.60	99	540561	116.60	ng	-0.01
23) Nitrobenzene-d5	7.52	82	380446	99.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	57673	55.12	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	605889	119.61	ng	-0.02
78) Terphenyl-d14	13.07	244	640530	88.42	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	69351	36.337	ng	98
3) Pyridine	3.62	79	199137	38.472	ng	95
4) n-Nitrosodimethylamine	3.60	42	85296	38.798	ng	87
6) Aniline	6.62	93	182609	29.038	ng	93
8) 2-Chlorophenol	6.75	128	132029	32.425	ng	98
9) Benzaldehyde	6.51	77	87347	24.985	ng	96
10) Phenol	6.62	94	215537	40.738	ng	# 72
11) bis(2-Chloroethyl)ether	6.69	93	191015	43.732	ng	99
12) 1,3-Dichlorobenzene	6.90	146	220654	46.269	ng	97
13) 1,4-Dichlorobenzene	6.97	146	223583	46.373	ng	99
14) 1,2-Dichlorobenzene	7.12	146	204761	46.340	ng	98
15) Benzyl Alcohol	7.10	79	159110	42.742	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	251990	43.972	ng	61
17) 2-Methylphenol	7.21	107	151666	43.526	ng	# 92
18) Hexachloroethane	7.46	117	69585	41.041	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	122181	39.982	ng	94
20) 3+4-Methylphenols	7.37	107	190507	53.431	ng	# 58
22) Acetophenone	7.37	105	249403	52.511	ng	# 97
24) Nitrobenzene	7.54	77	193520	49.619	ng	99
25) Isophorone	7.77	82	337751	50.175	ng	98
26) 2-Nitrophenol	7.85	139	42096	22.864	ng	94
27) 2,4-Dimethylphenol	7.89	122	161371	56.706	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	221607	49.031	ng	98
29) 2,4-Dichlorophenol	8.10	162	101757	34.154	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	178075	54.257	ng	97
31) Naphthalene	8.26	128	505060	50.886	ng	100
32) Benzoic acid	7.89	122	161371	74.381	ng	# 14
33) 4-Chloroaniline	8.31	127	118901	28.550	ng	98
34) Hexachlorobutadiene	8.37	225	120220	56.215	ng	98
35) Caprolactam	8.66	113	42543	43.806	ng	99
36) 4-Chloro-3-methylphenol	8.80	107	144316	46.020	ng	97
37) 2-Methylnaphthalene	8.95	142	350774	53.319	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	178854	58.832	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	16647	10.643	ng	99

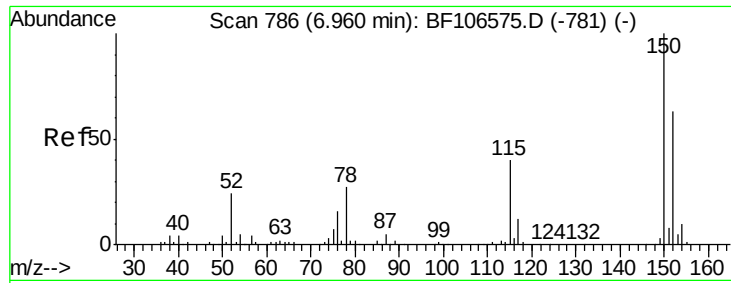
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	20625	10.206	ng	91
43) 2,4,5-Trichlorophenol	9.28	196	41984	19.911	ng	85
45) 1,1'-Biphenyl	9.41	154	397729	55.284	ng	98
46) 2-Chloronaphthalene	9.44	162	287112	50.701	ng	95
47) 2-Nitroaniline	9.54	65	87320	45.855	ng	94
48) Acenaphthylene	9.86	152	437919	48.981	ng	99
49) Dimethylphthalate	9.71	163	408088	60.274	ng	98
50) 2,6-Dinitrotoluene	9.78	165	73107	50.993	ng	93
51) Acenaphthene	10.03	154	259560	46.103	ng	98
52) 3-Nitroaniline	9.95	138	68794	41.699	ng	98
54) Dibenzofuran	10.20	168	384806	49.915	ng	97
55) 4-Nitrophenol	10.20	139	133151	115.625	ng	# 10
56) 2,4-Dinitrotoluene	10.18	165	86688	46.324	ng	90
57) Fluorene	10.54	166	287937	47.068	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	10444	6.231	ng	# 62
59) Diethylphthalate	10.40	149	292028	44.689	ng	# 94
60) 4-Chlorophenyl-phenylether	10.53	204	156633	48.935	ng	# 88
61) 4-Nitroaniline	10.57	138	70556	43.092	ng	95
62) Azobenzene	10.69	77	257279	39.981	ng	95
65) n-Nitrosodiphenylamine	10.65	169	254214	48.383	ng	98
66) 4-Bromophenyl-phenylether	11.02	248	98153	52.649	ng	# 80
67) Hexachlorobenzene	11.10	284	100587	51.550	ng	# 81
68) Atrazine	11.18	200	84659	50.684	ng	92
69) Pentachlorophenol	11.30	266	4505	4.627	ng	96
70) Phenanthrene	11.51	178	402530	53.426	ng	99
71) Anthracene	11.57	178	412226	53.603	ng	99
72) Carbazole	11.72	167	372896	51.791	ng	98
73) Di-n-butylphthalate	12.03	149	386940	45.617	ng	99
74) Fluoranthene	12.71	202	485348	58.445	ng	94
76) Benzidine	12.83	184	235854	47.193	ng	96
77) Pyrene	12.94	202	500758	43.274	ng	100
79) Butylbenzylphthalate	13.54	149	185702	39.031	ng	98
80) Benzo(a)anthracene	14.13	228	530820	49.632	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	171138	45.529	ng	# 96
82) Chrysene	14.17	228	504311	51.254	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	249026	40.940	ng	96
84) Di-n-octyl phthalate	14.72	149	479629	48.374	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.25	276	402201	48.168	ng	# 90
87) Benzo(b)fluoranthene	15.22	252	523705	52.725	ng	# 97
88) Benzo(k)fluoranthene	15.25	252	466638	49.333	ng	# 95
89) Benzo(a)pyrene	15.61	252	454164	51.434	ng	# 97
90) Dibenzo(a,h)anthracene	17.27	278	344000	45.968	ng	# 92
91) Benzo(g,h,i)perylene	17.73	276	326473	44.634	ng	# 91

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

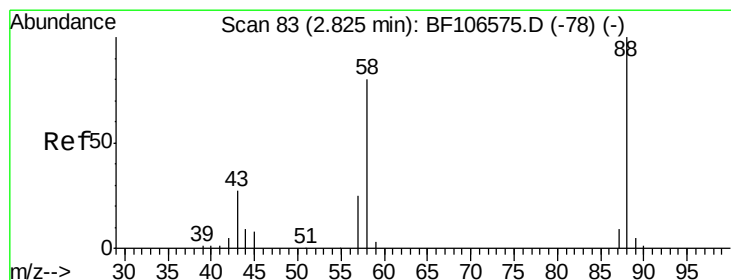
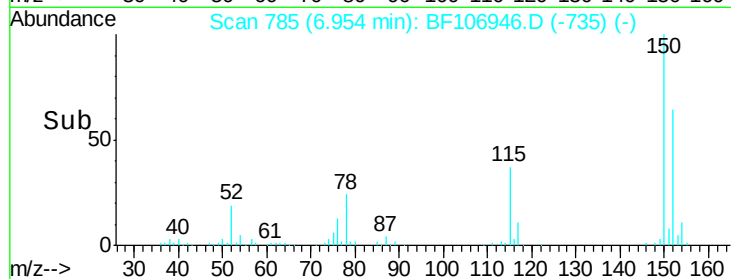
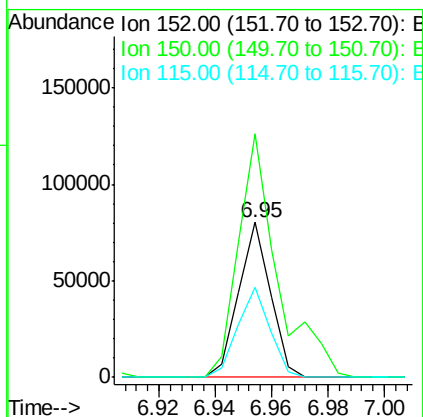
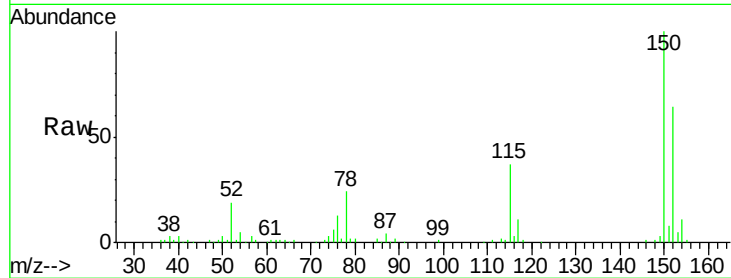


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

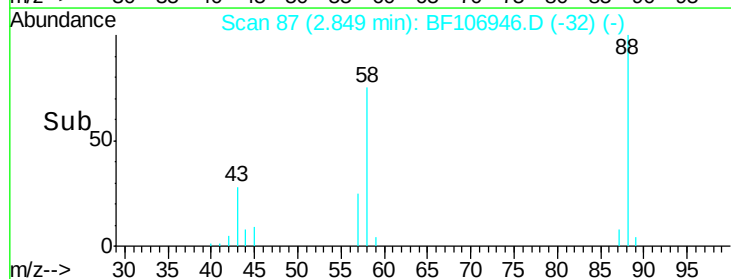
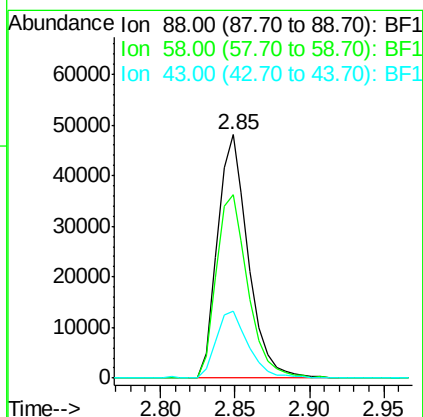
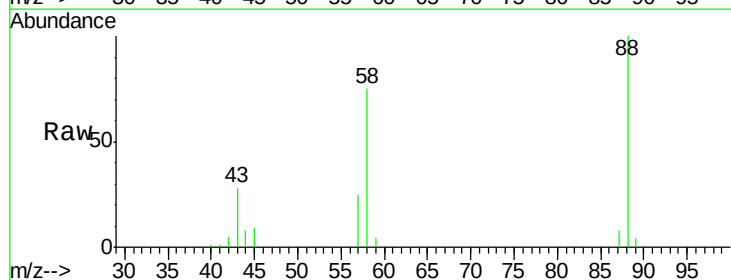
Tgt Ion: 152 Resp: 62862
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 58.4 50.1 75.1

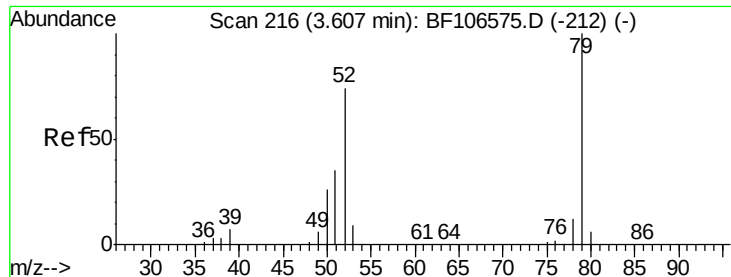


#2

1,4-Dioxane
Concen: 36.337 ng
RT: 2.85 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion: 88 Resp: 69351
Ion Ratio Lower Upper
88 100
58 77.5 62.6 93.8
43 29.0 24.6 37.0





#3

Pyridine

Concen: 38.472 ng

RT: 3.62 min Scan# 219

Delta R.T. 0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

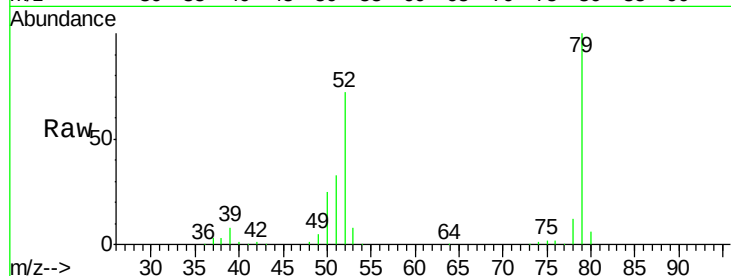
Tgt Ion: 79 Resp: 199137

Ion Ratio Lower Upper

79 100

52 71.8 59.8 89.6

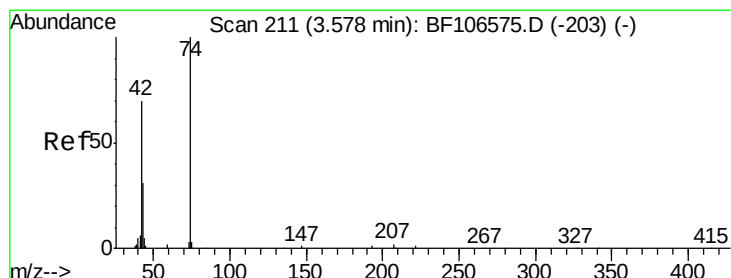
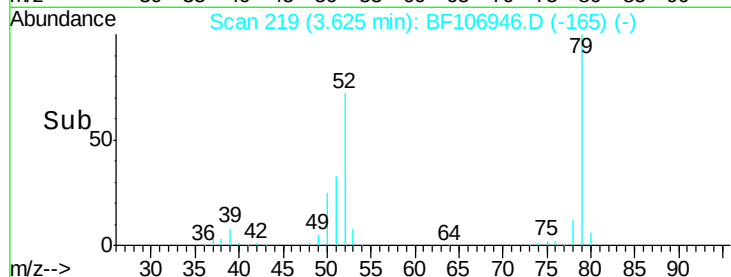
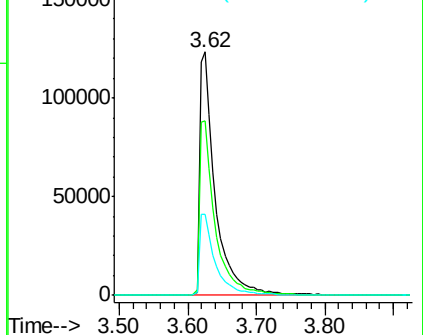
51 33.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.798 ng

RT: 3.60 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

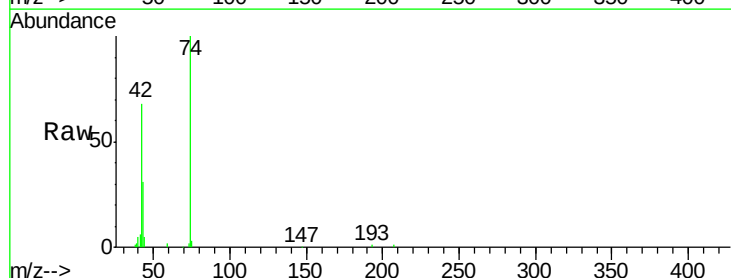
Tgt Ion: 42 Resp: 85296

Ion Ratio Lower Upper

42 100

74 146.9 104.9 157.3

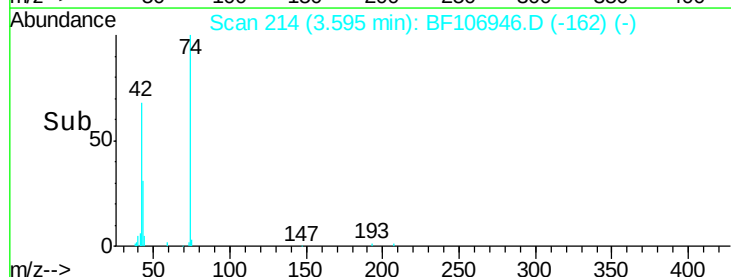
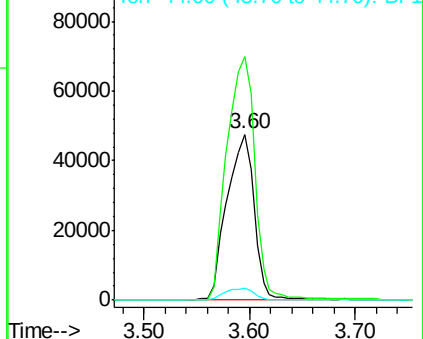
44 7.6 6.9 10.3

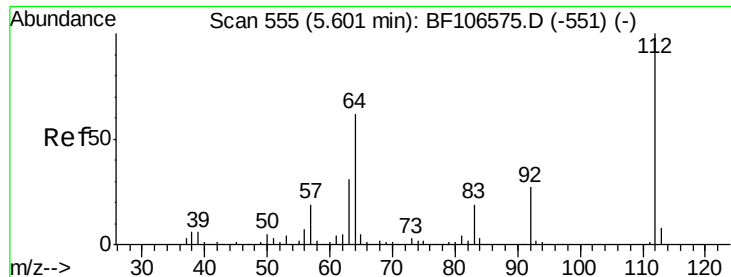


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 69.250 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

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ClientSampleId :

S39-9005MS

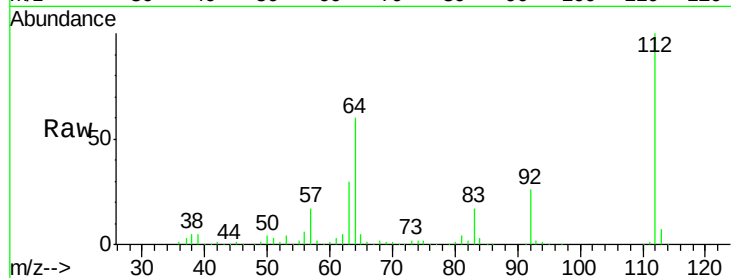
Tgt Ion: 112 Resp: 257079

Ion Ratio Lower Upper

112 100

64 60.0 47.9 71.9

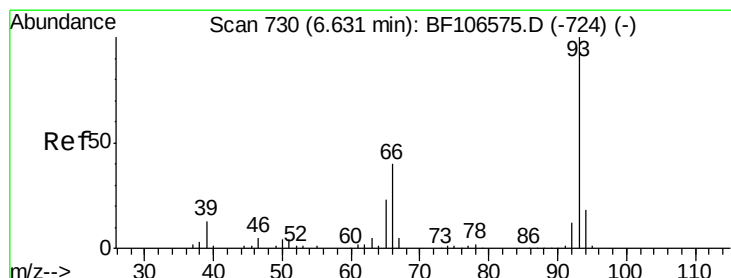
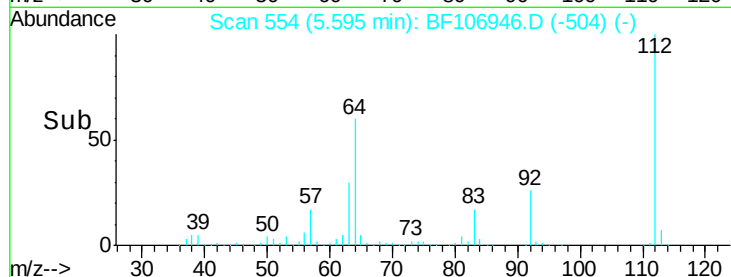
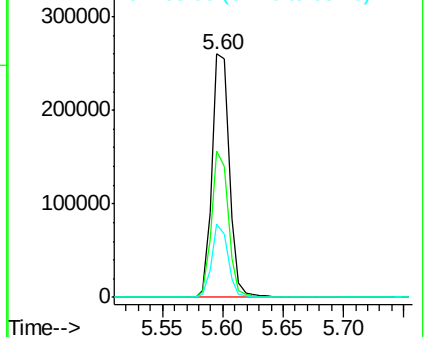
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.038 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

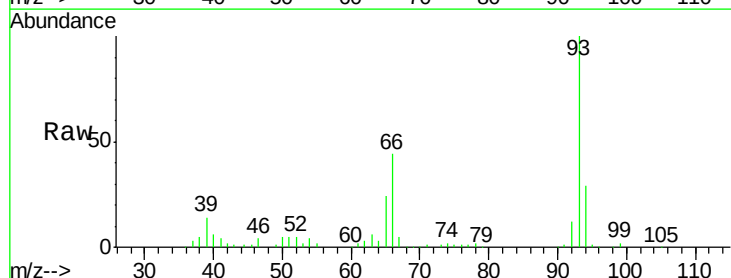
Tgt Ion: 93 Resp: 182609

Ion Ratio Lower Upper

93 100

66 44.5 32.2 48.2

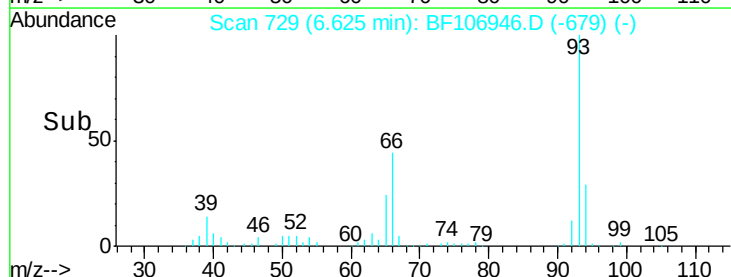
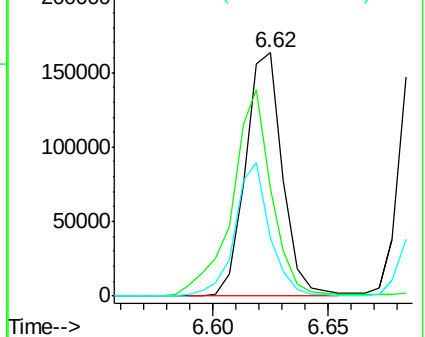
65 24.0 16.4 24.6

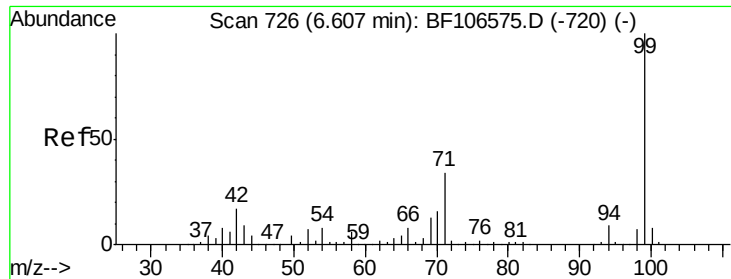


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.600 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

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ClientSampleId :

S39-9005MS

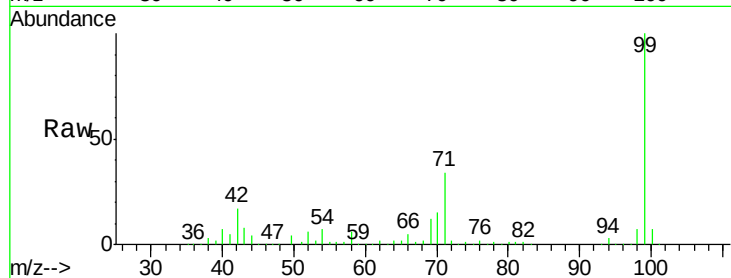
Tgt Ion: 99 Resp: 540561

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 33.7 25.4 38.0



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

6.60

500000

400000

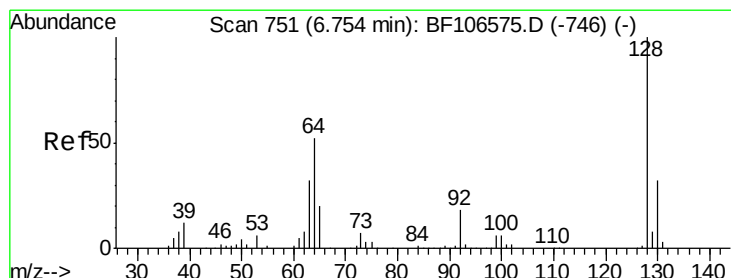
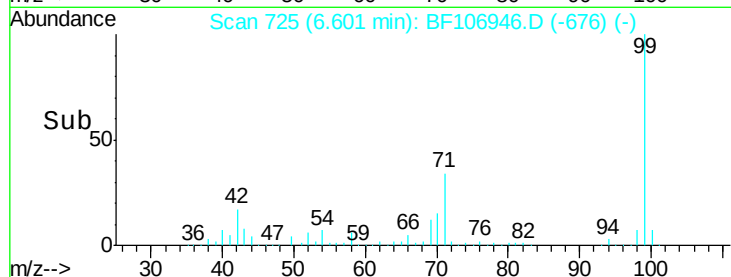
300000

200000

100000

0

Time-->



#8

2-Chlorophenol

Concen: 32.425 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

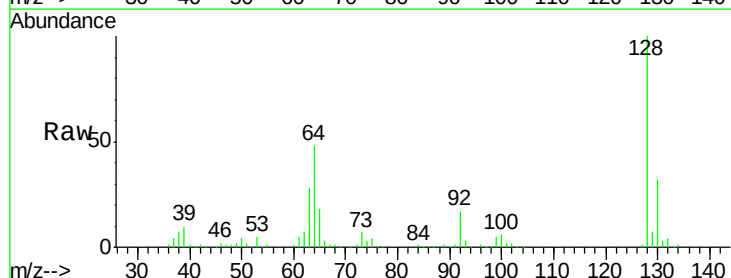
Tgt Ion: 128 Resp: 132029

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

64 48.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

6.75

200000

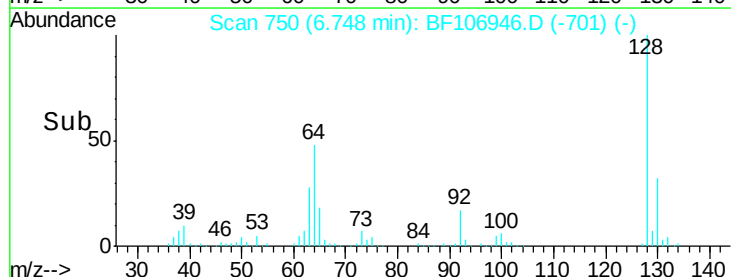
150000

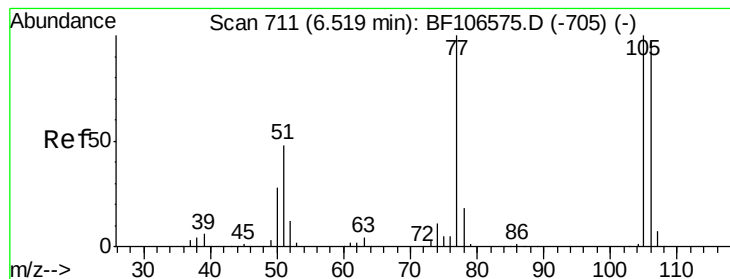
100000

50000

0

Time-->





#9

Benzaldehyde

Concen: 24.985 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

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ClientSampleId :

S39-9005MS

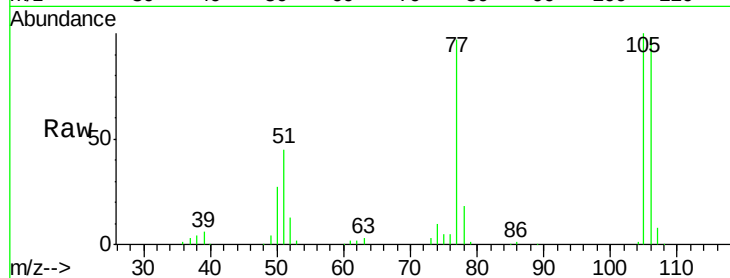
Tgt Ion: 77 Resp: 87347

Ion Ratio Lower Upper

77 100

105 102.9 81.1 121.1

106 101.3 74.5 114.5



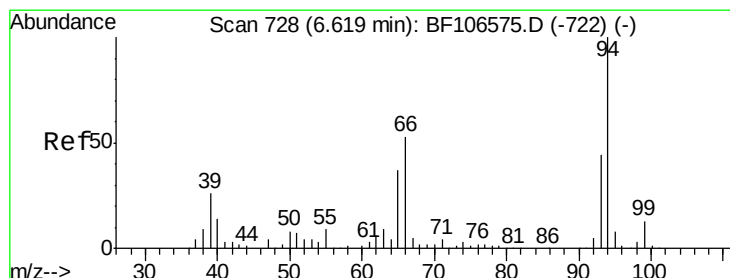
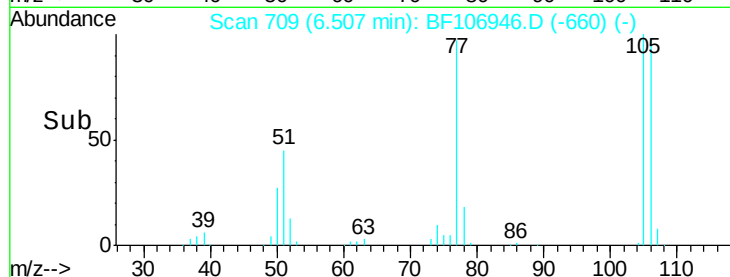
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

Time-->

6.45 6.50 6.55



#10

Phenol

Concen: 40.738 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

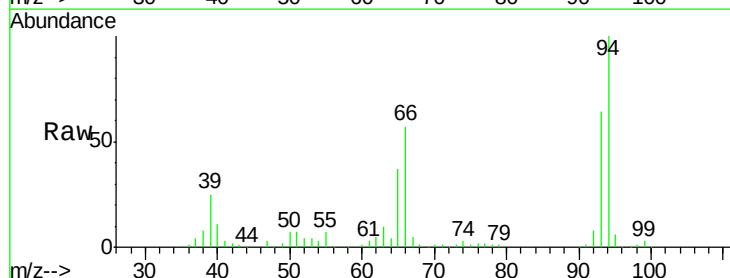
Tgt Ion: 94 Resp: 215537

Ion Ratio Lower Upper

94 100

65 37.1 7.9 47.9

66 57.2 16.2 56.2#



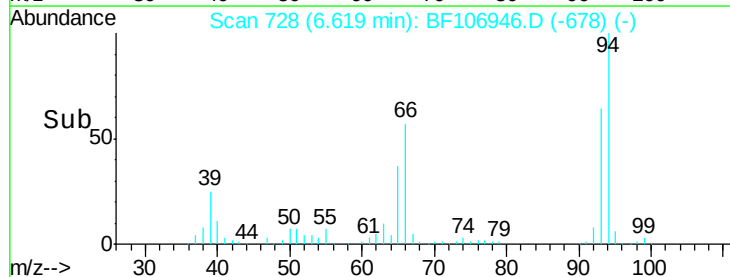
Abundance Ion 94.00 (93.70 to 94.70): BF1

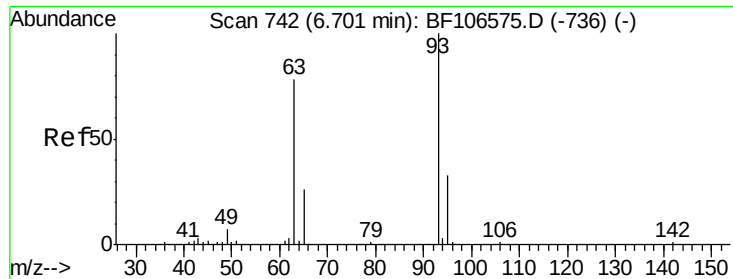
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Time-->

6.55 6.60 6.65





#11

bis(2-Chloroethyl)ether

Concen: 43.732 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

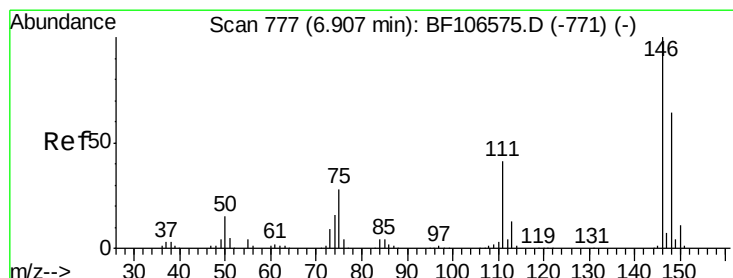
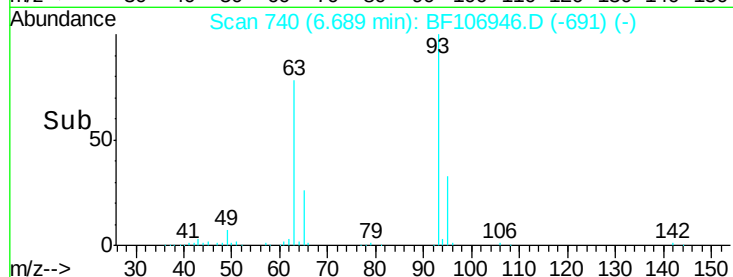
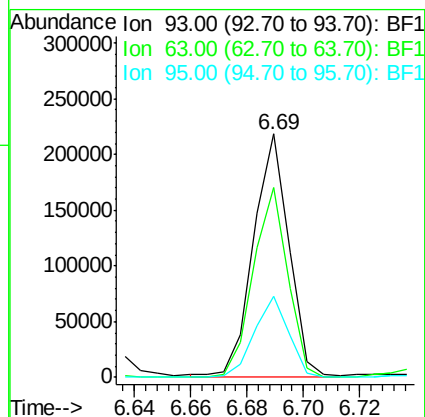
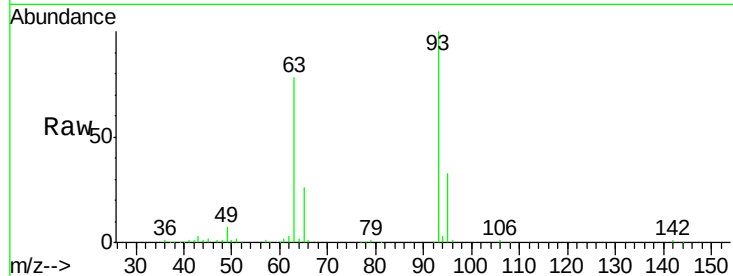
Tgt Ion: 93 Resp: 191015

Ion Ratio Lower Upper

93 100

63 78.1 58.6 98.6

95 33.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 46.269 ng

RT: 6.90 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

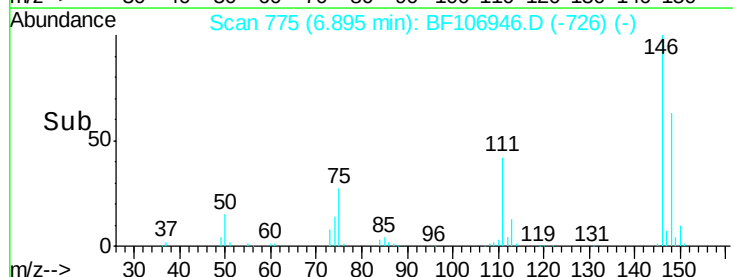
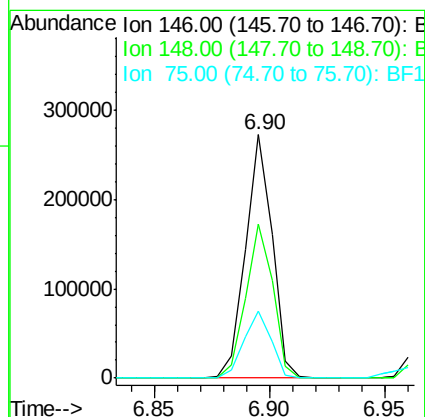
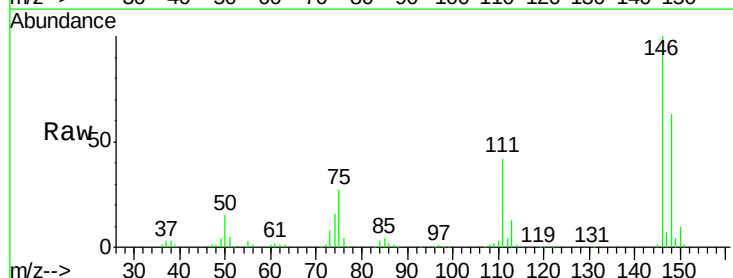
Tgt Ion: 146 Resp: 220654

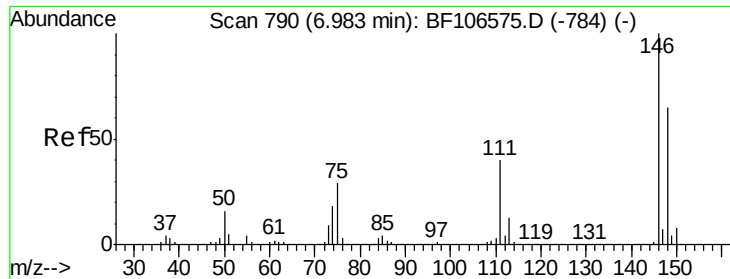
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

75 27.5 24.2 36.4

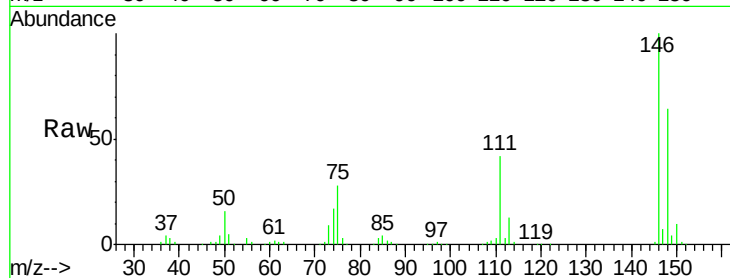




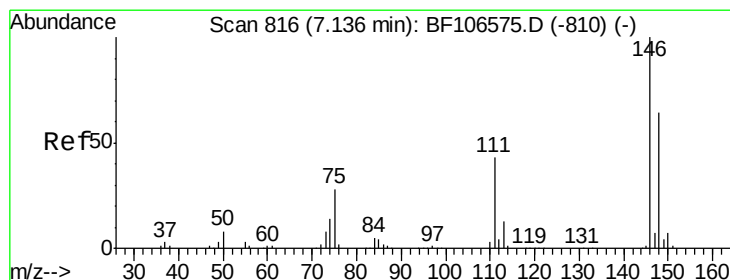
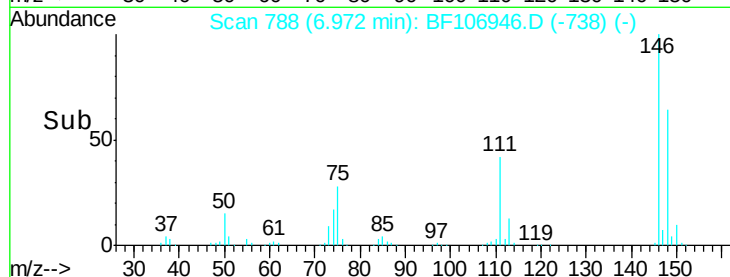
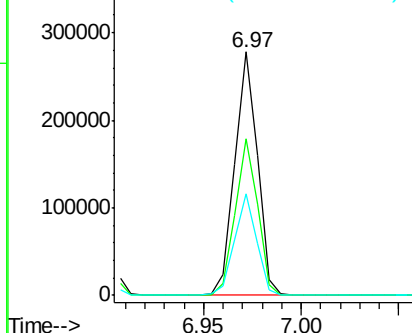
#13
 1,4-Dichlorobenzene
 Concen: 46.373 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

Tgt Ion:146 Resp: 223583
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 41.6 34.2 51.2

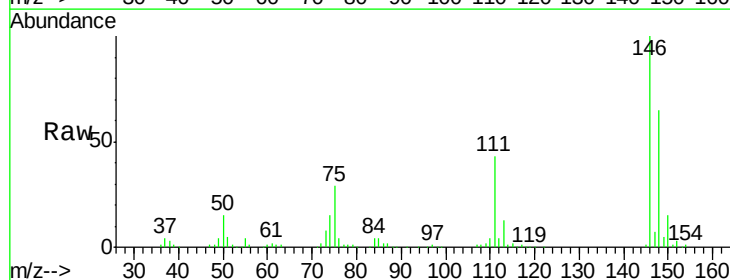


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

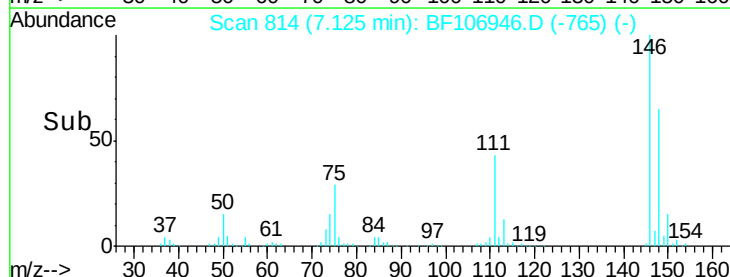
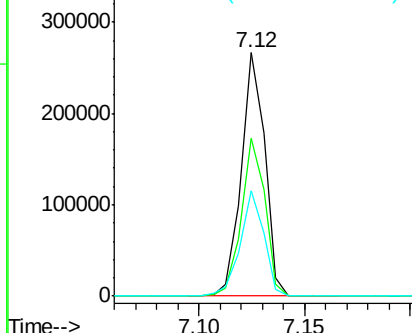


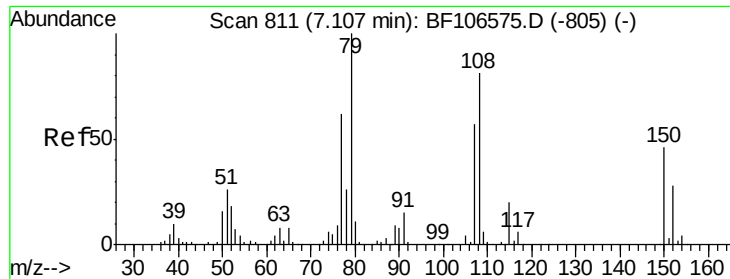
#14
 1,2-Dichlorobenzene
 Concen: 46.340 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion:146 Resp: 204761
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.6 75.8
 111 43.2 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

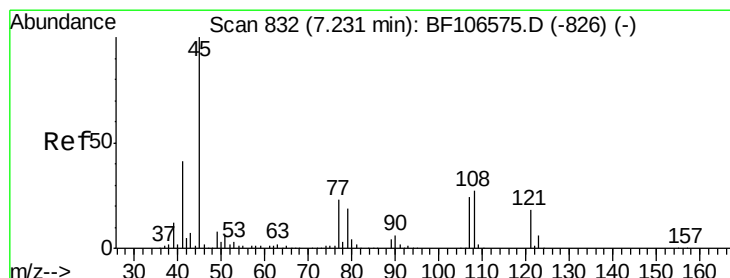
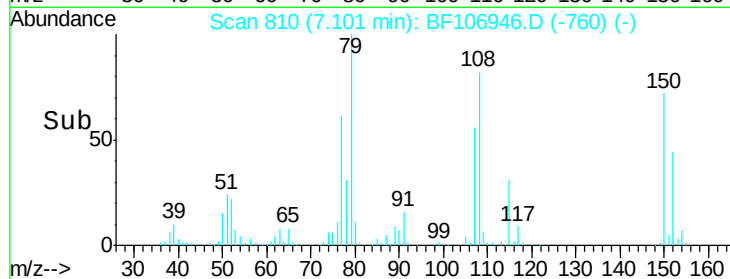
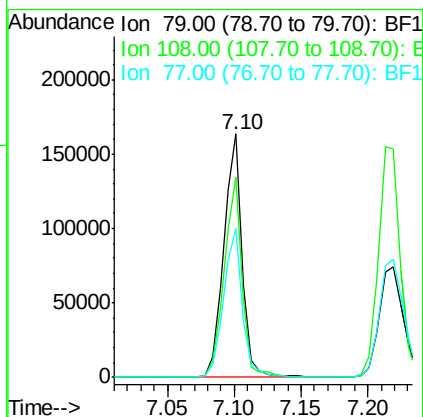
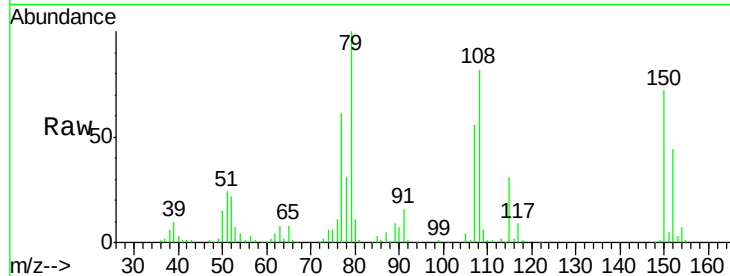




#15
Benzyl Alcohol
Concen: 42.742 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

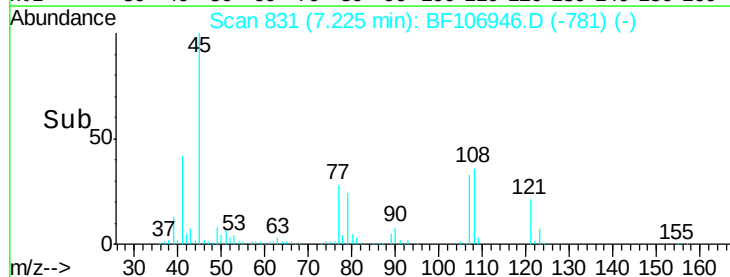
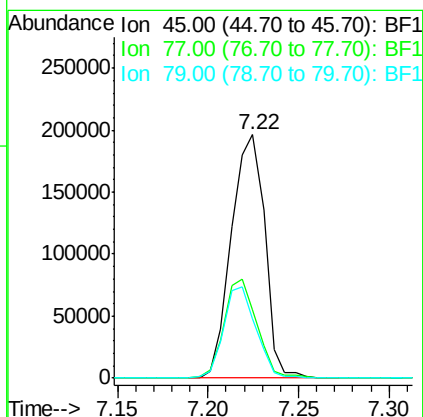
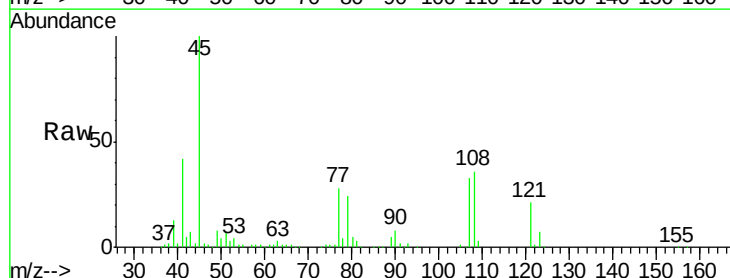
Instrument :
BNA_F
ClientSampleId :
S39-9005MS

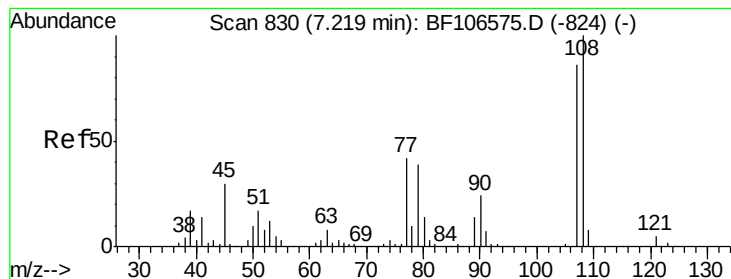
Tgt Ion: 79 Resp: 159110
Ion Ratio Lower Upper
79 100
108 82.1 65.1 97.7
77 60.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.972 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion: 45 Resp: 251990
Ion Ratio Lower Upper
45 100
77 27.8 0.0 32.9
79 24.5 0.0 29.6





#17

2-Methylphenol

Concen: 43.526 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

Tgt Ion:107 Resp: 151666

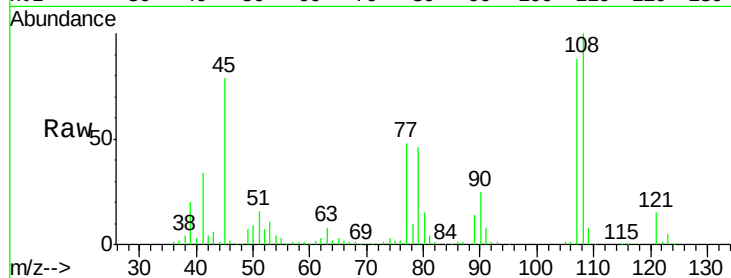
Ion Ratio Lower Upper

107 100

108 113.3 91.7 137.5

77 54.7 33.8 50.8#

79 51.6 33.8 50.8#

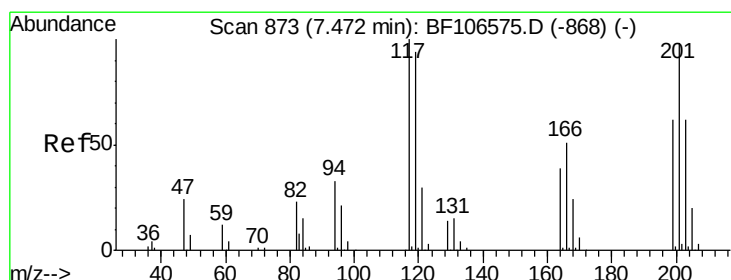
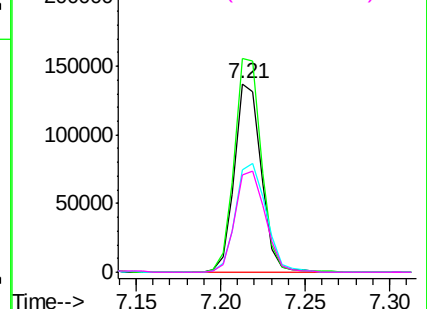
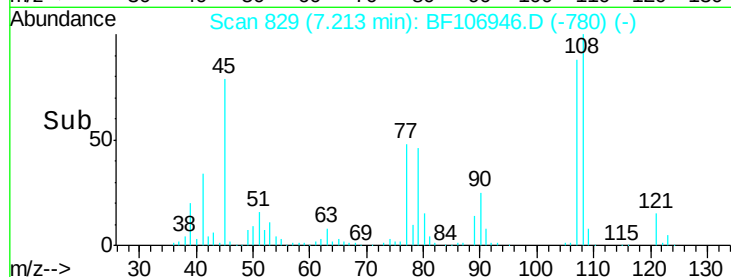


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.041 ng

RT: 7.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

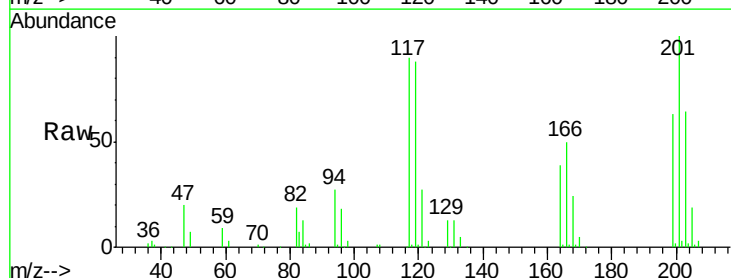
Tgt Ion:117 Resp: 69585

Ion Ratio Lower Upper

117 100

119 97.3 75.8 113.8

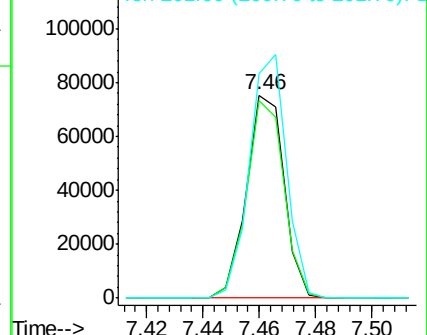
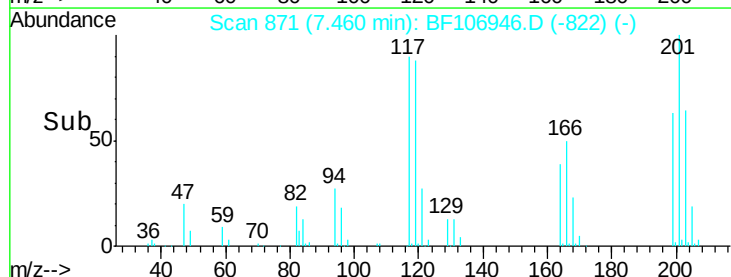
201 110.8 75.7 113.5

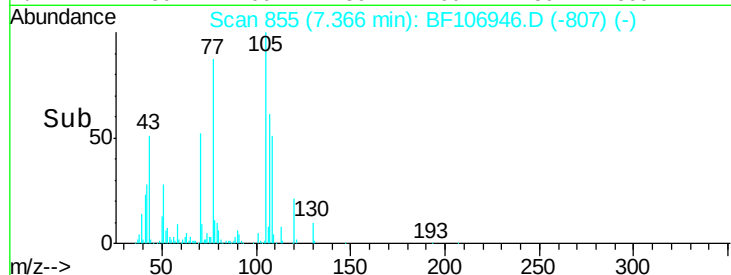
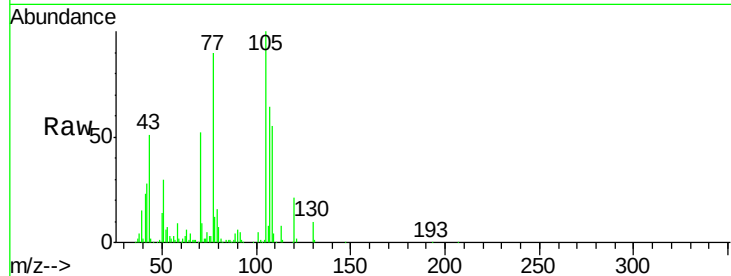
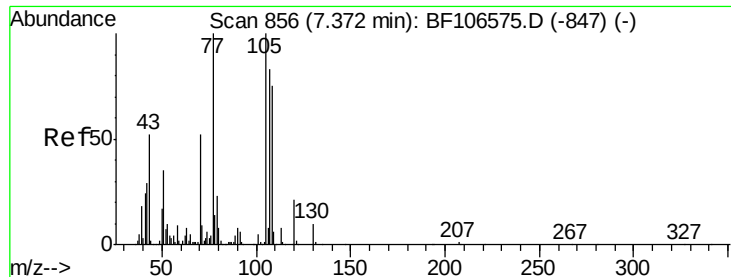


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

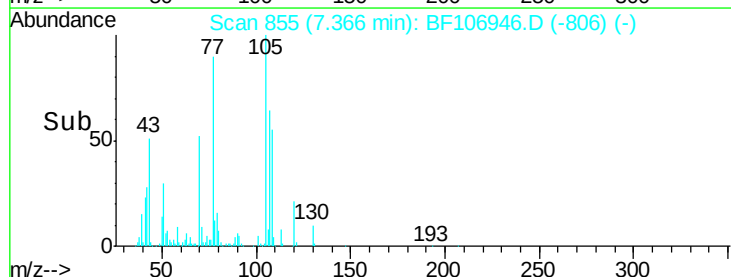
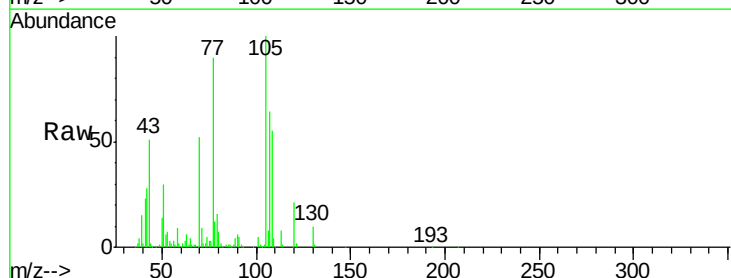
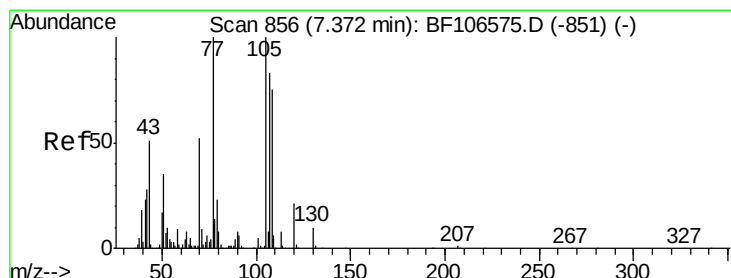
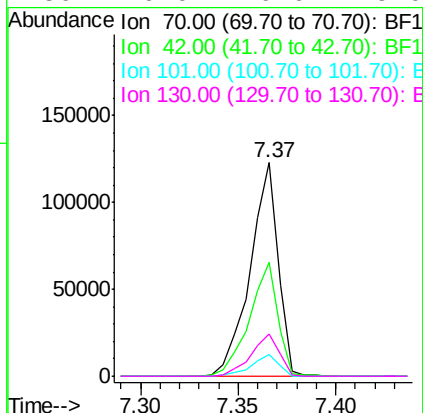




#19
n-Nitroso-di-n-propylamine
Concen: 39.982 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

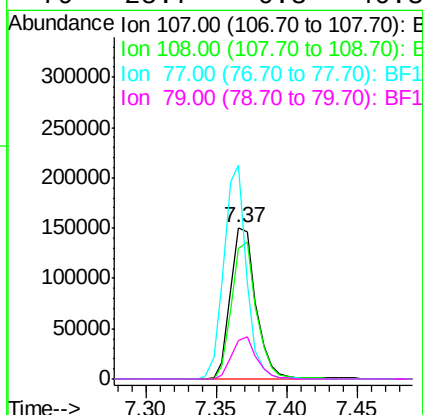
Instrument :
BNA_F
ClientSampleId :
S39-9005MS

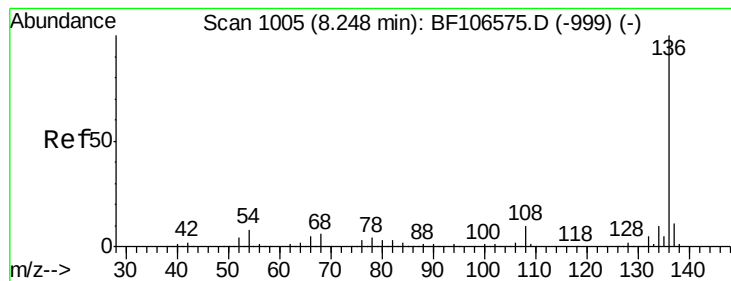
Tgt Ion:	70	Resp:	122181
Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	10.1	7.4	11.2
130	20.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 53.431 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion:	107	Resp:	190507
Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.2	108.2
77	141.0	26.7	66.7#
79	25.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

Tgt Ion:136 Resp: 212295

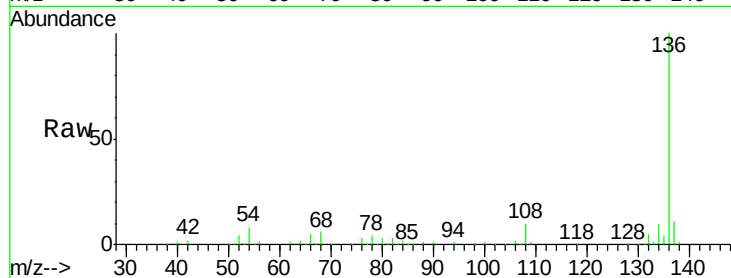
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.8 6.6 9.8

68 6.1 5.0 7.4

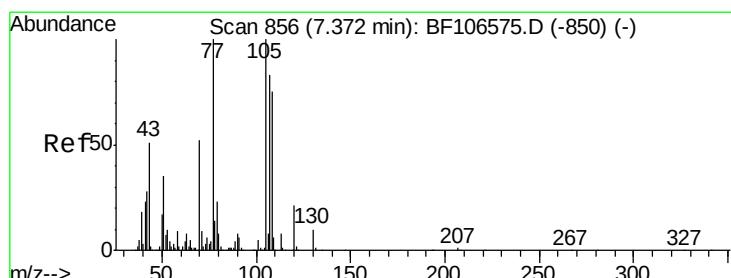
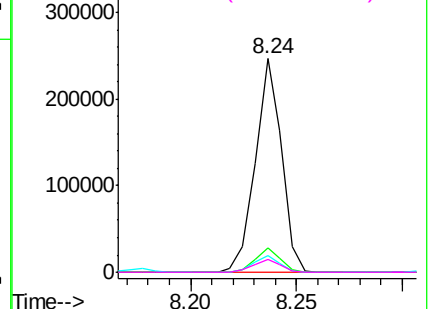
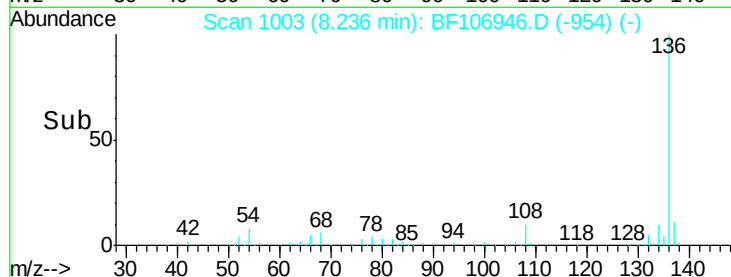


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 52.511 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion:105 Resp: 249403

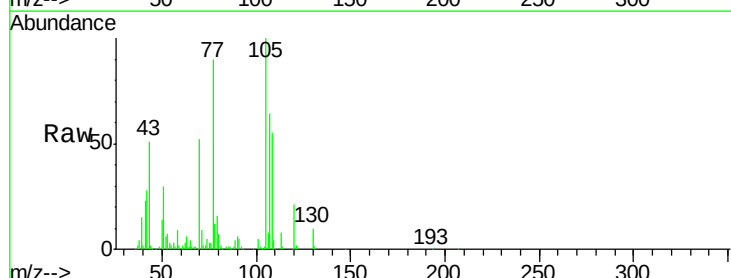
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 29.9 22.3 33.5

120 21.0 16.9 25.3

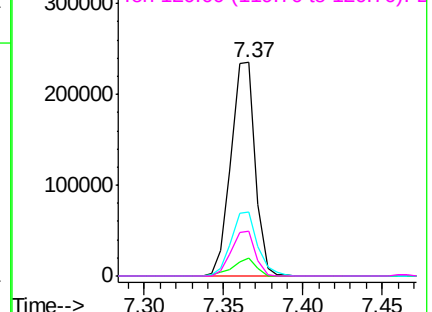
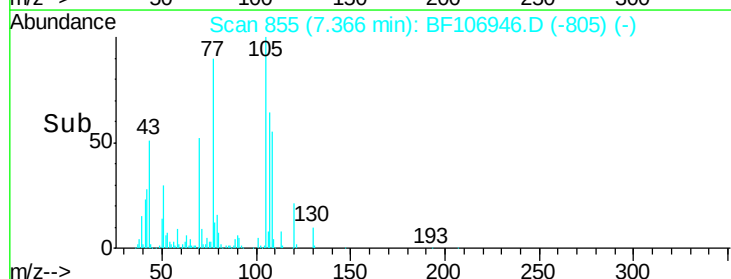


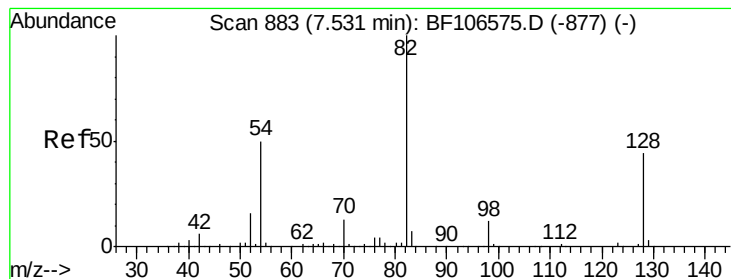
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 99.591 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

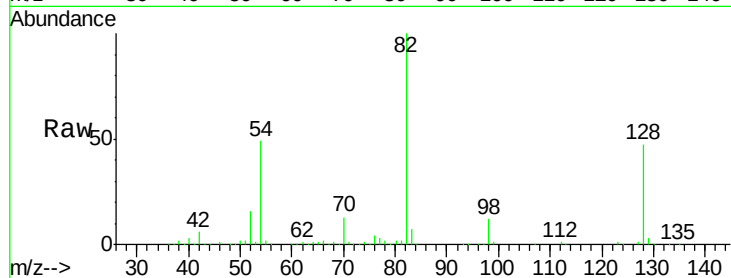
Tgt Ion: 82 Resp: 380446

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

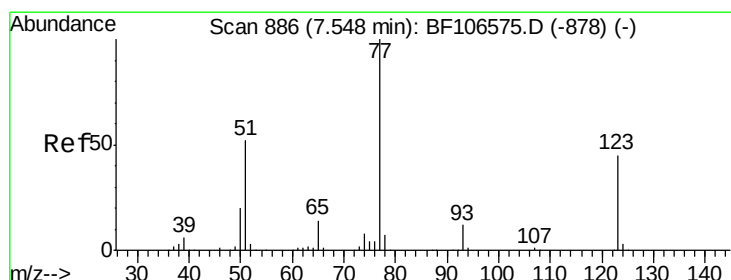
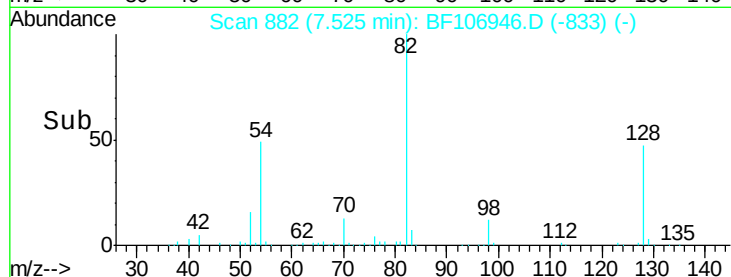
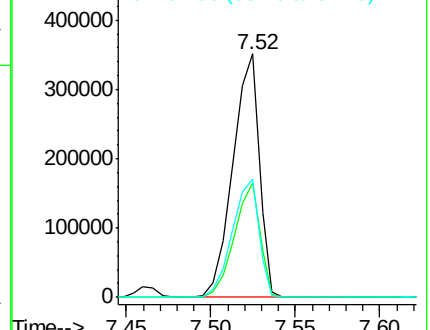
54 48.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 49.619 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

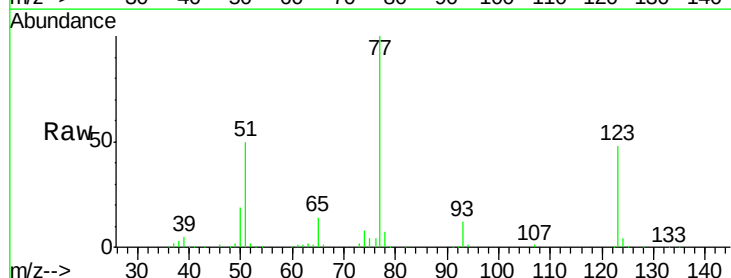
Tgt Ion: 77 Resp: 193520

Ion Ratio Lower Upper

77 100

123 48.1 37.9 56.9

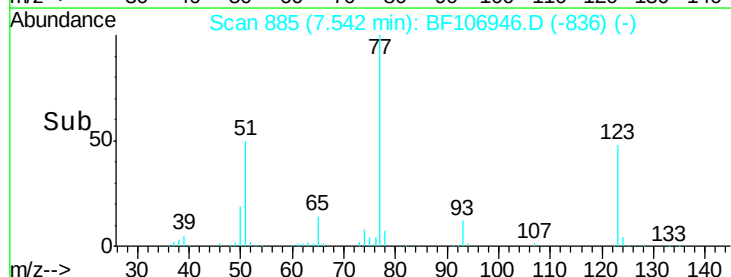
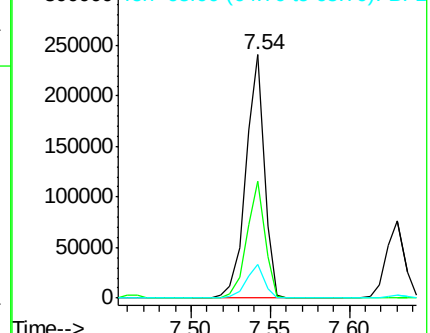
65 14.1 11.0 16.4

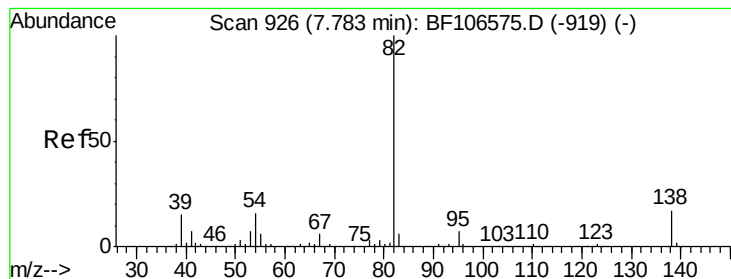


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 50.175 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

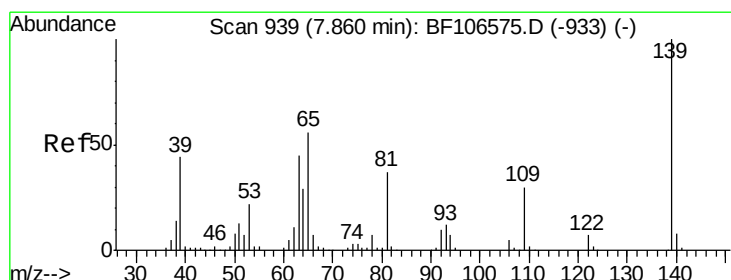
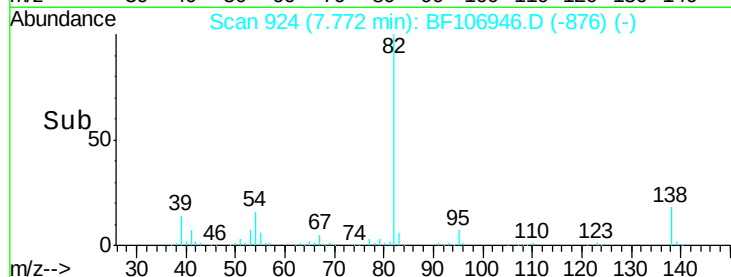
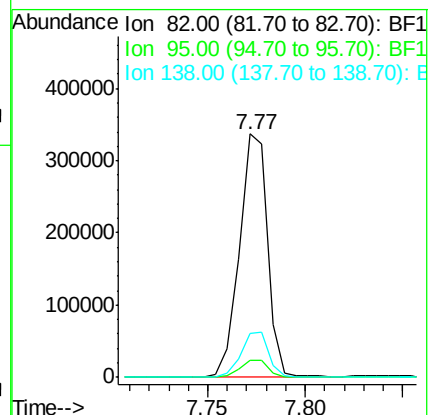
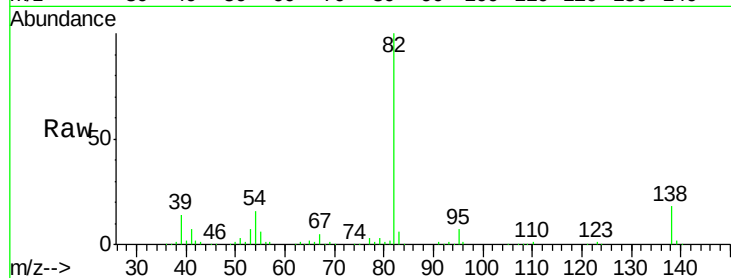
Tgt Ion: 82 Resp: 337751

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 22.864 ng

RT: 7.85 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

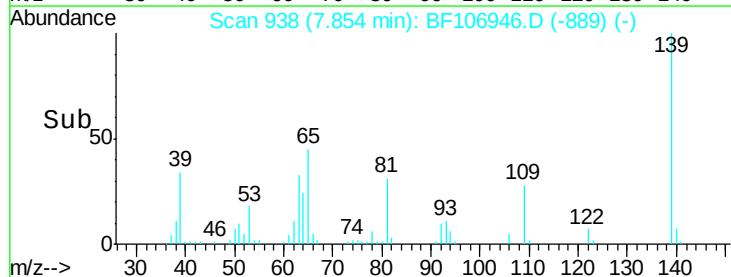
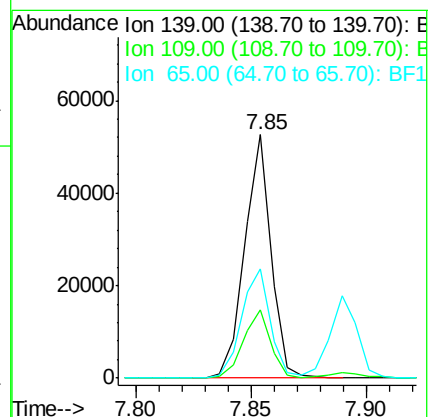
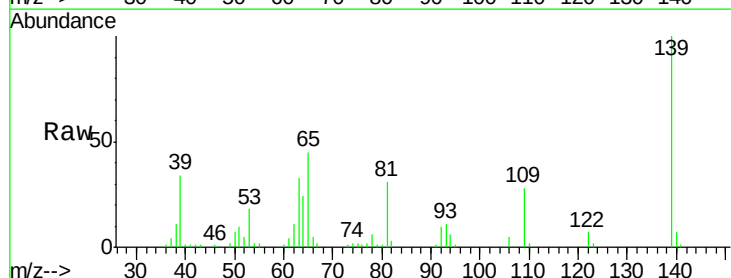
Tgt Ion: 139 Resp: 42096

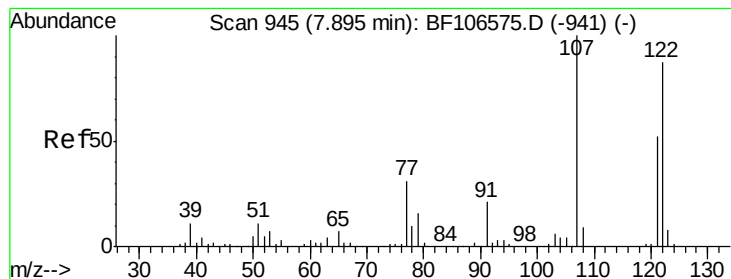
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 44.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 56.706 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

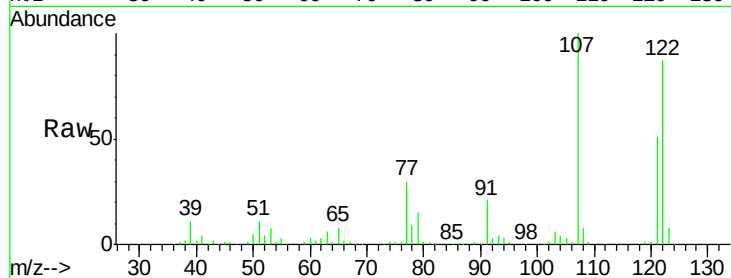
Tgt Ion:122 Resp: 161371

Ion Ratio Lower Upper

122 100

107 115.2 91.2 136.8

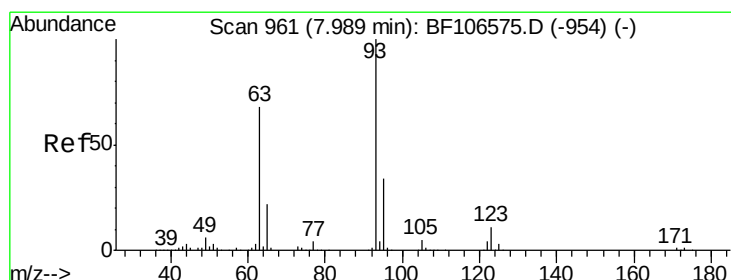
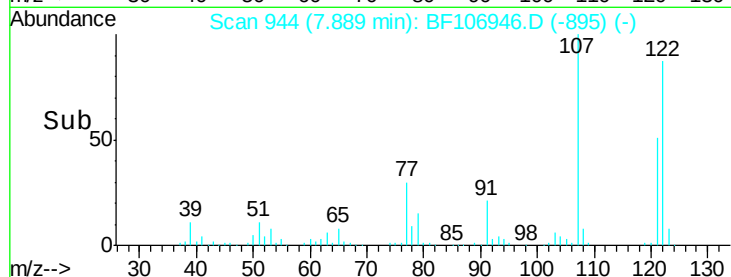
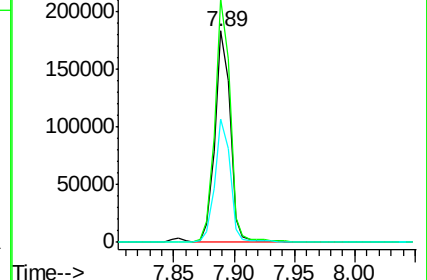
121 58.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.031 ng

RT: 7.98 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

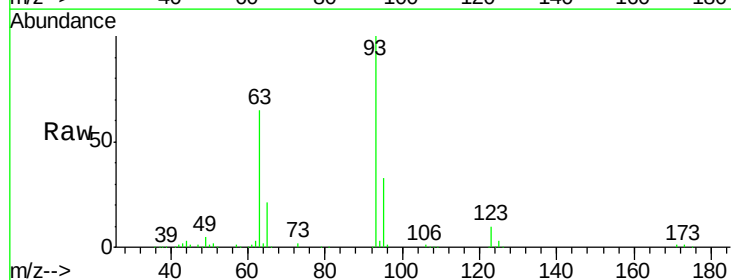
Tgt Ion: 93 Resp: 221607

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

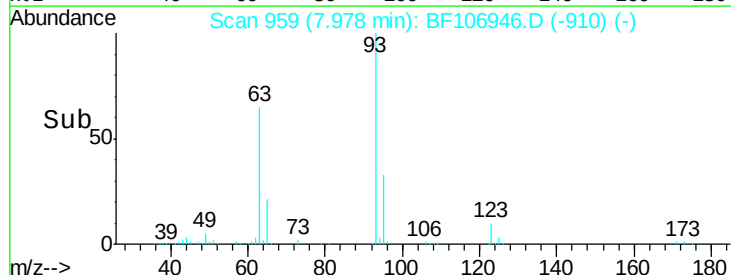
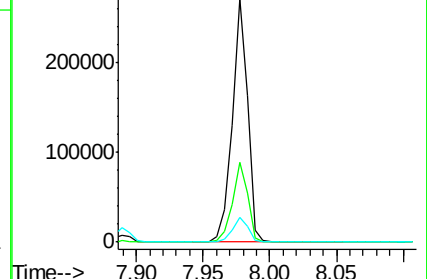
123 10.4 9.8 14.6

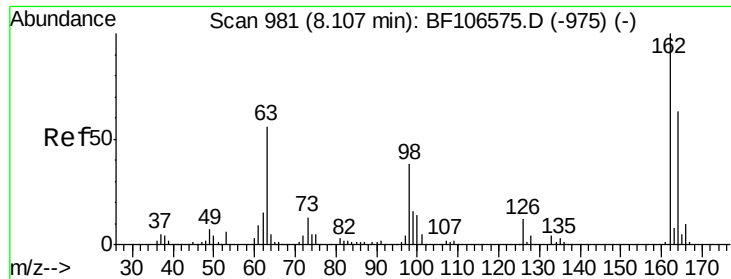


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

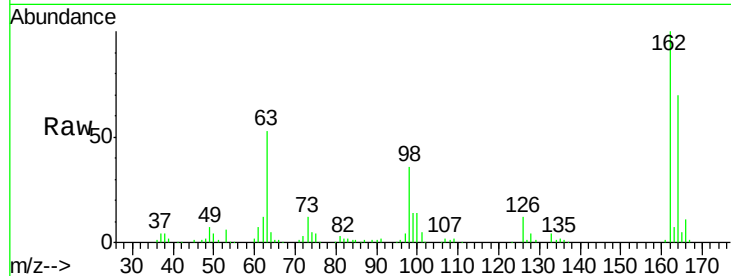




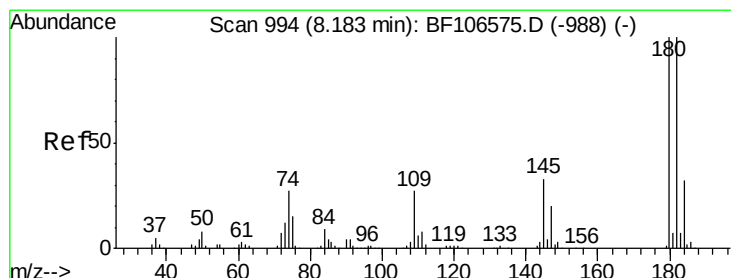
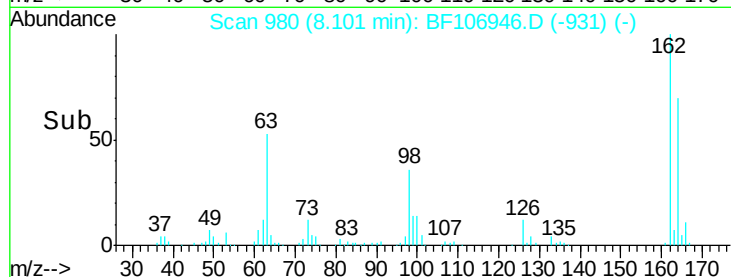
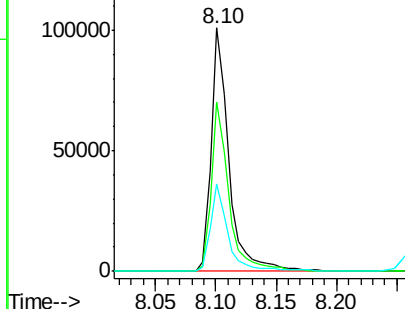
#29
2,4-Dichlorophenol
Concen: 34.154 ng
RT: 8.10 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.6	42.7	82.7
98	36.0	18.1	58.1

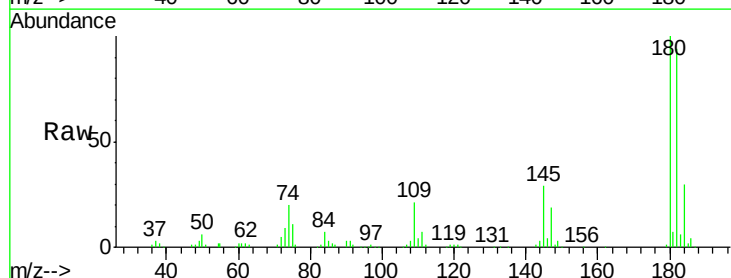


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

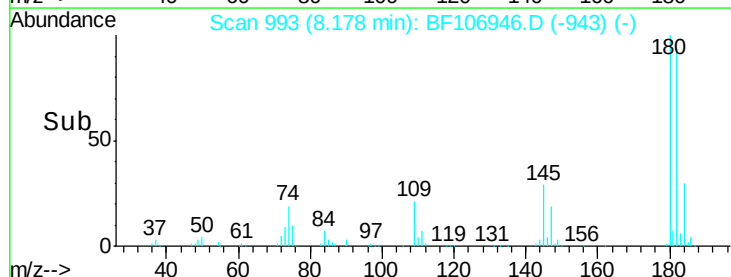
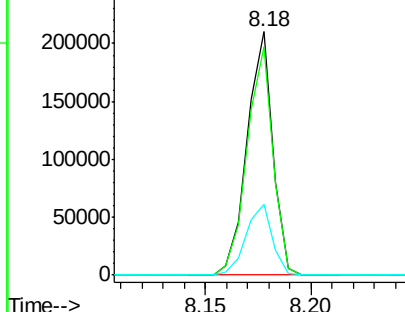


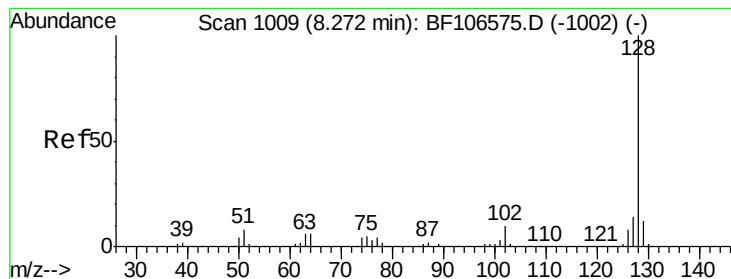
#30
1,2,4-Trichlorobenzene
Concen: 54.257 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.8	115.2
145	29.3	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.886 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

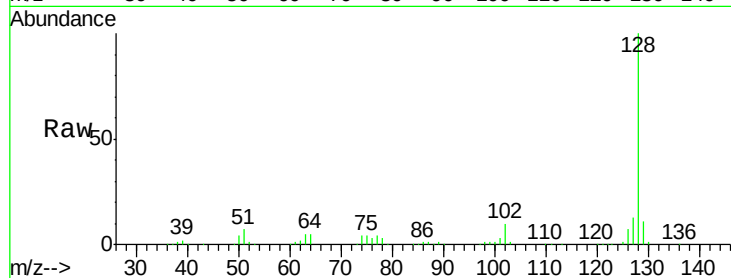
Tgt Ion:128 Resp: 505060

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

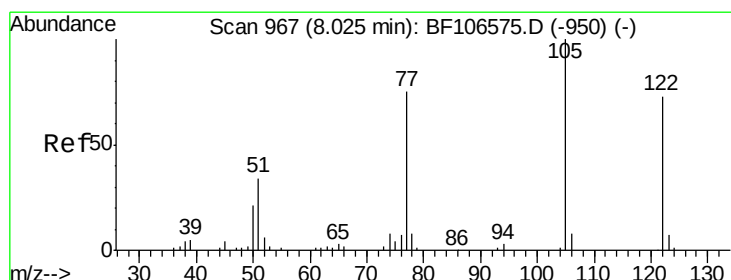
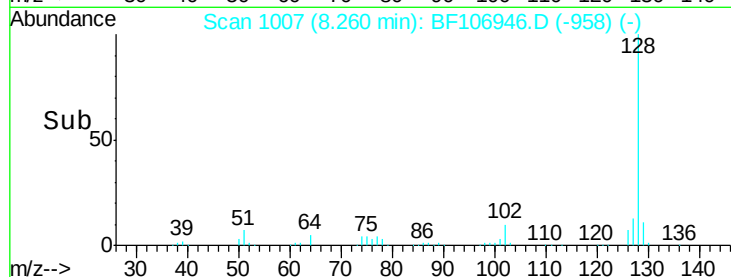
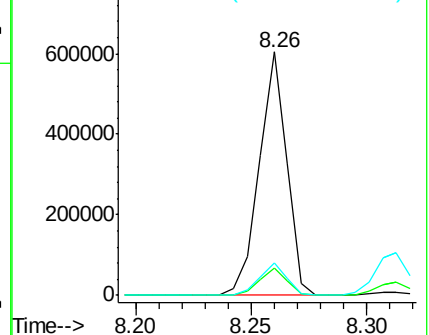
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 74.381 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.15 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

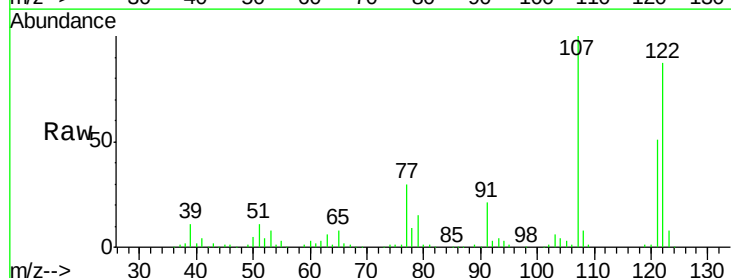
Tgt Ion:122 Resp: 161371

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

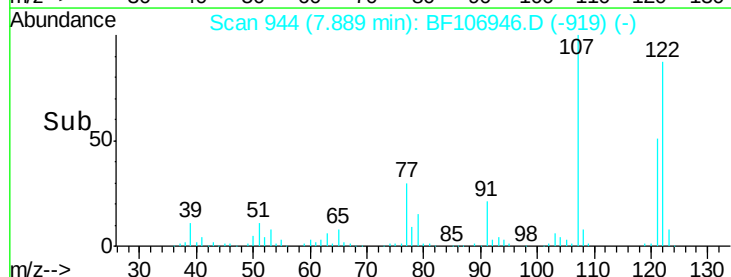
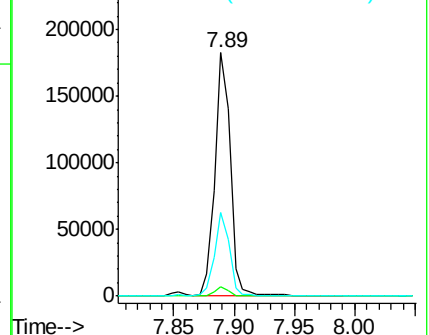
77 34.1 70.7 110.7#

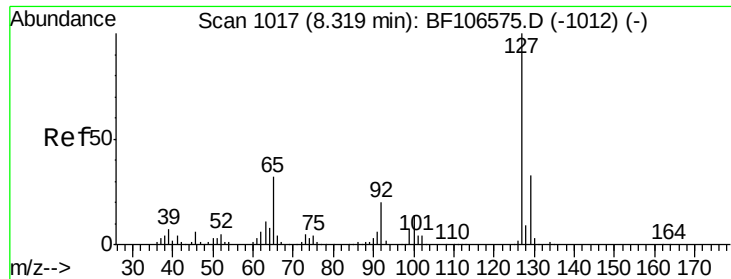


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

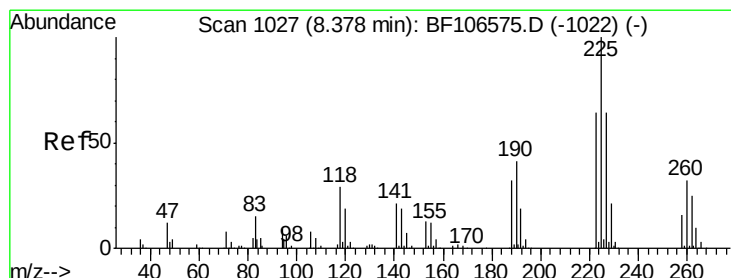
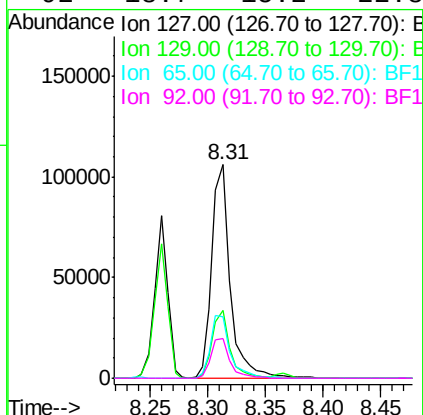
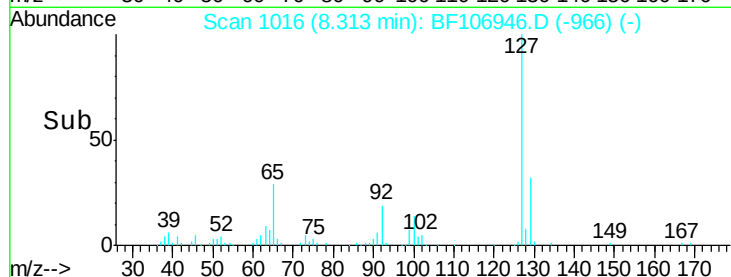
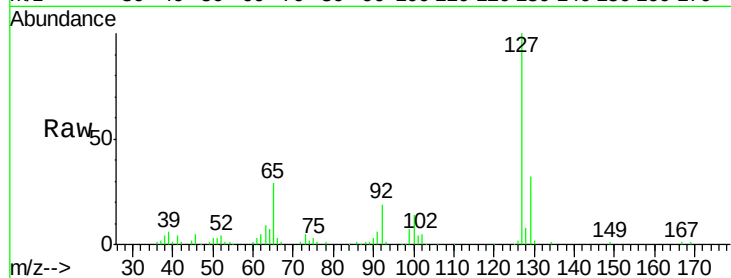




#33
4-Chloroaniline
Concen: 28.550 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

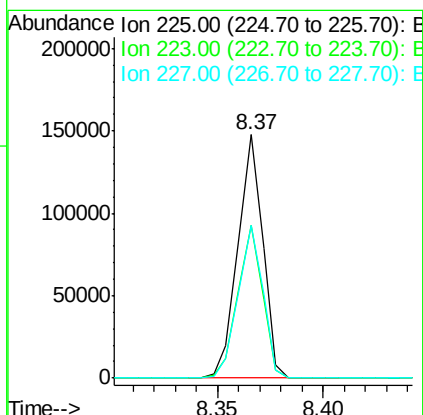
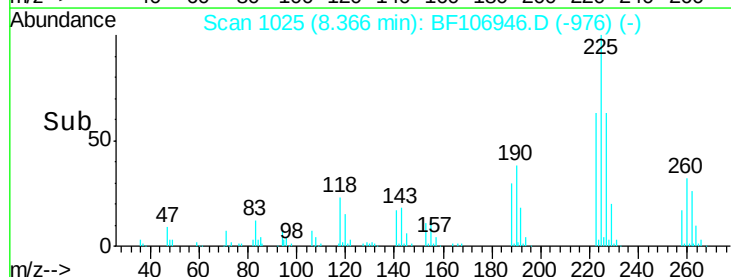
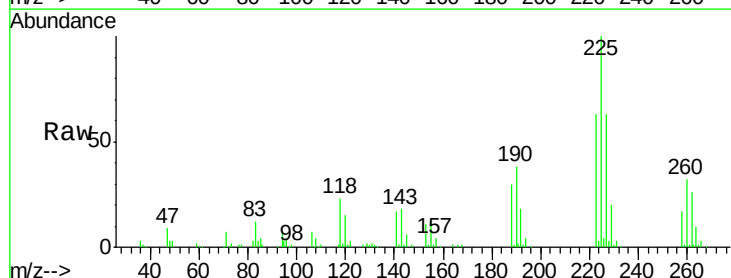
Instrument :
BNA_F
ClientSampleId :
S39-9005MS

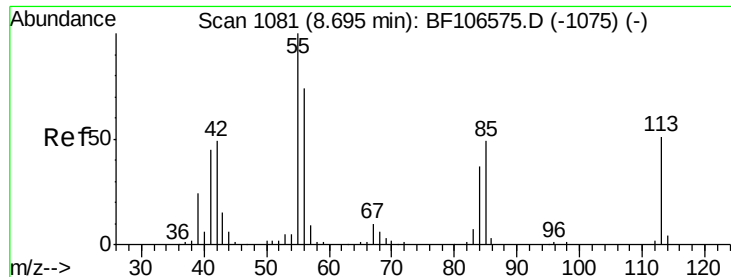
Tgt Ion:	127	Resp:	118901
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	29.0	25.0	37.4
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 56.215 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion:	225	Resp:	120220
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	62.6	51.9	77.9

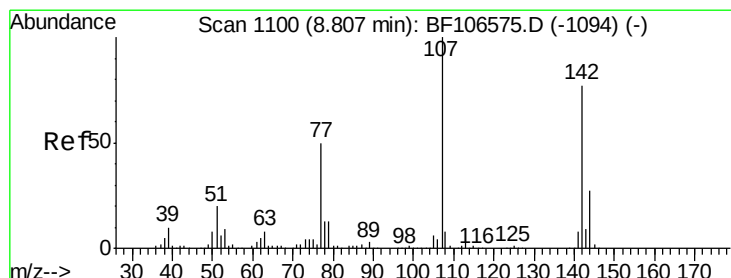
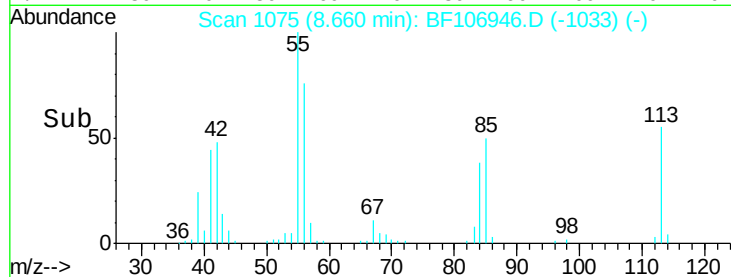
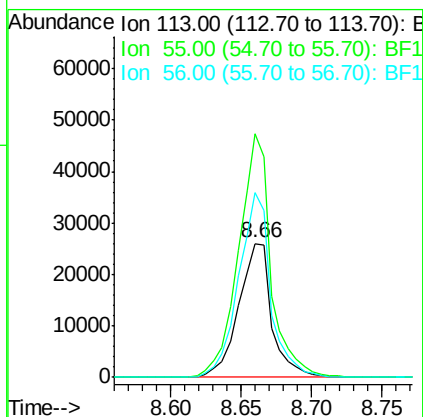
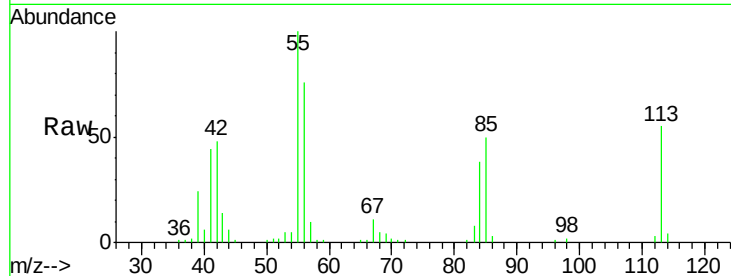




#35
 Caprolactam
 Concen: 43.806 ng
 RT: 8.66 min Scan# 1075
 Delta R.T. -0.05 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

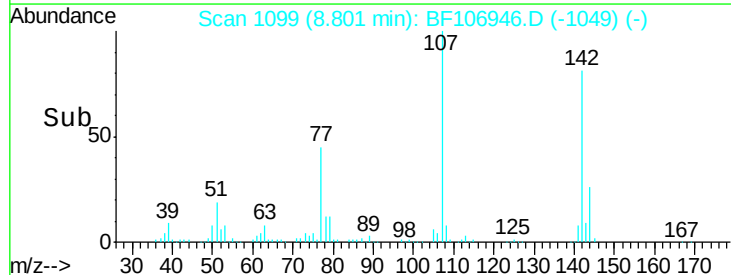
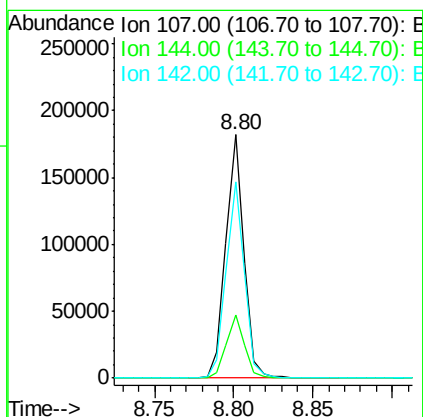
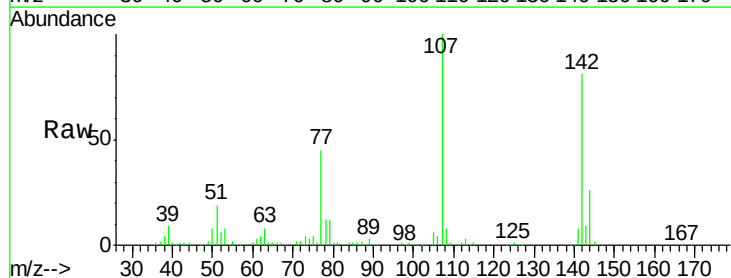
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

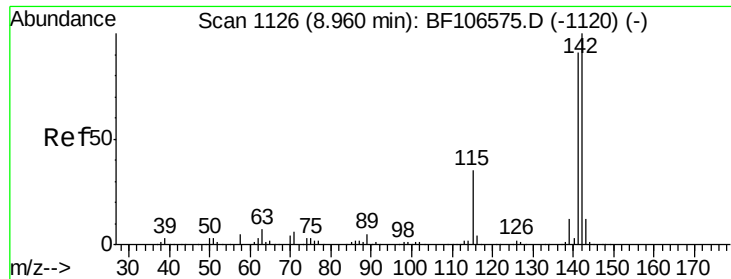
Tgt Ion:113 Resp: 42543
 Ion Ratio Lower Upper
 113 100
 55 182.1 163.3 203.3
 56 138.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.020 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion:107 Resp: 144316
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 80.7 62.0 93.0

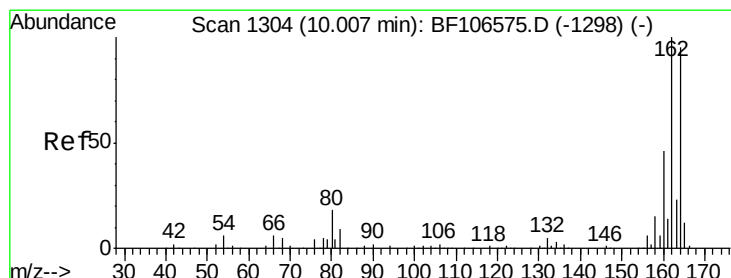
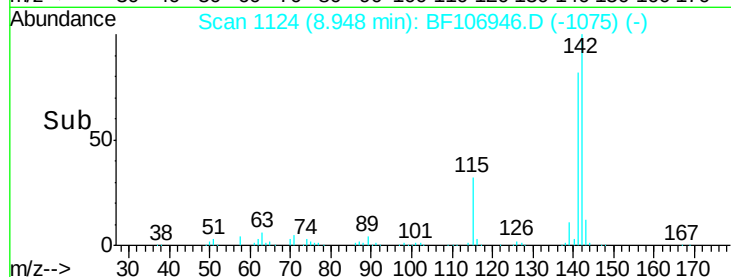
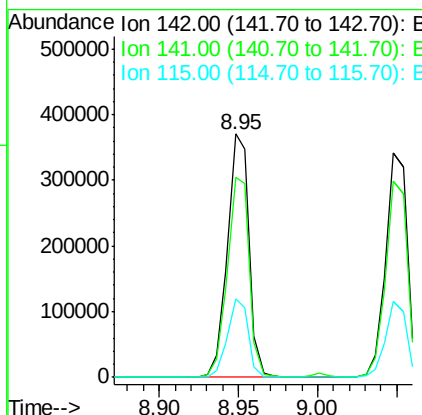
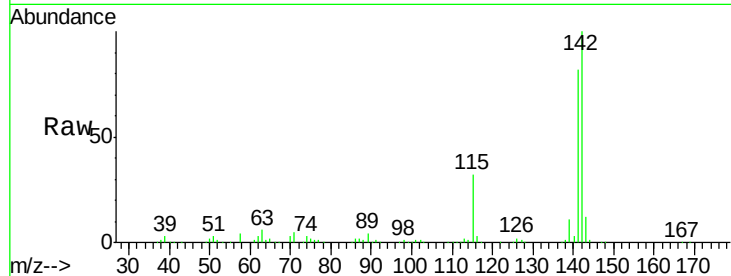




#37
2-Methylnaphthalene
Concen: 53.319 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

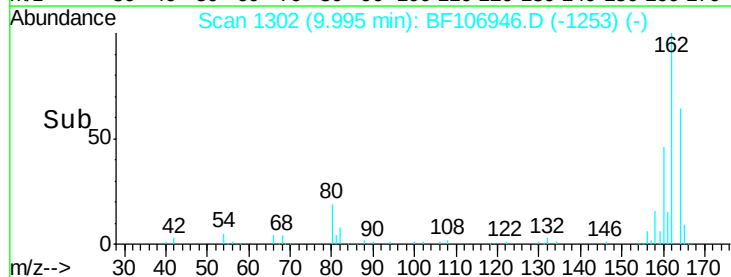
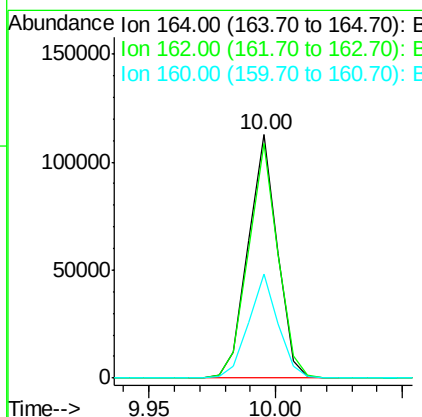
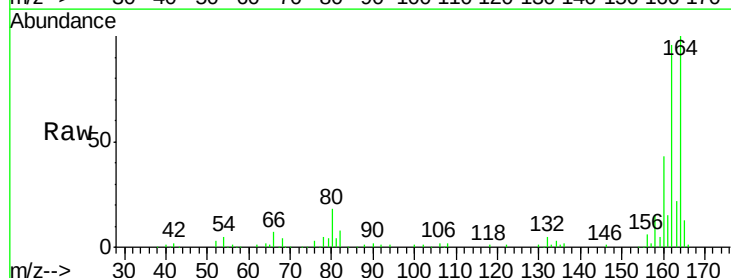
Instrument :
BNA_F
ClientSampleId :
S39-9005MS

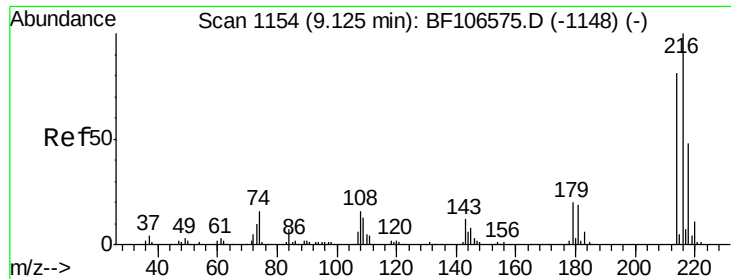
Tgt Ion:142 Resp: 350774
Ion Ratio Lower Upper
142 100
141 82.2 70.8 106.2
115 32.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion:164 Resp: 90272
Ion Ratio Lower Upper
164 100
162 96.2 86.1 129.1
160 42.6 38.3 57.5

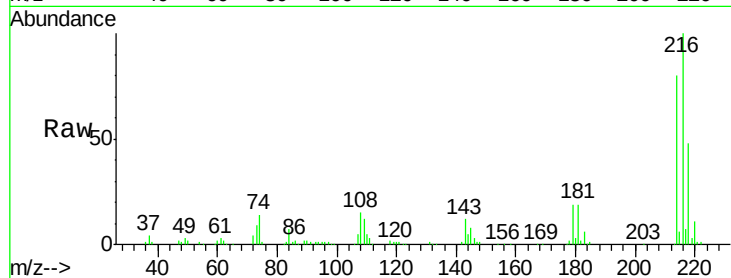




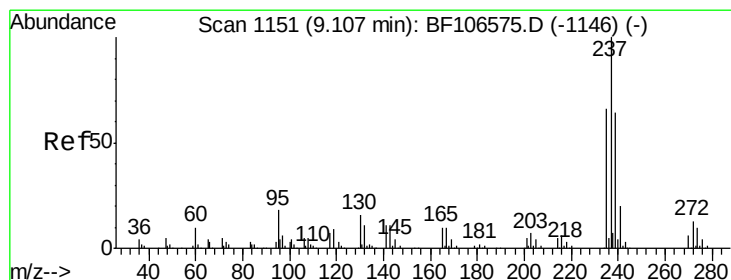
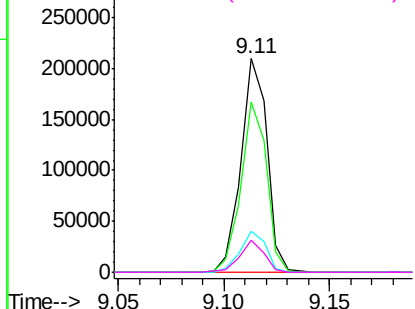
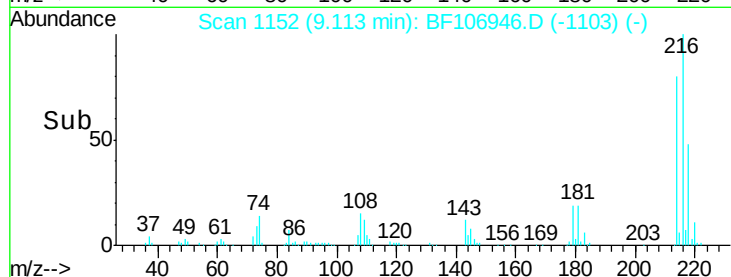
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.832 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

Tgt Ion: 216 Resp: 178854
 Ion Ratio Lower Upper
 216 100
 214 78.8 63.0 94.4
 179 19.3 18.1 27.1
 108 14.0 17.2 25.8#

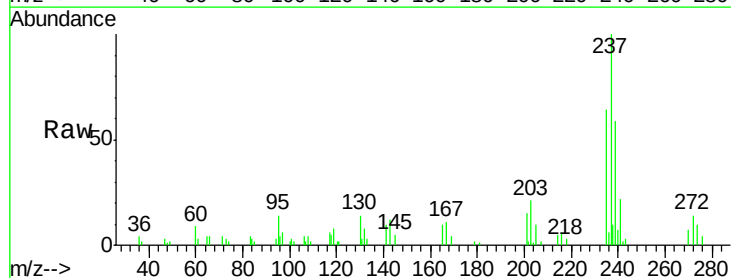


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

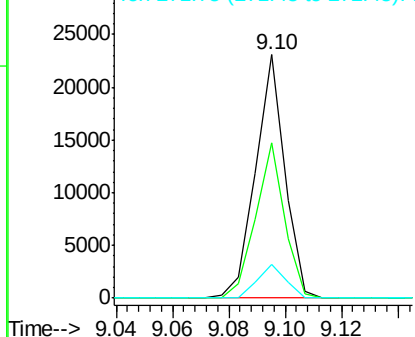
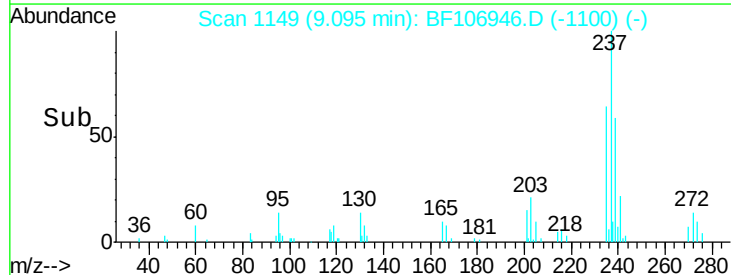


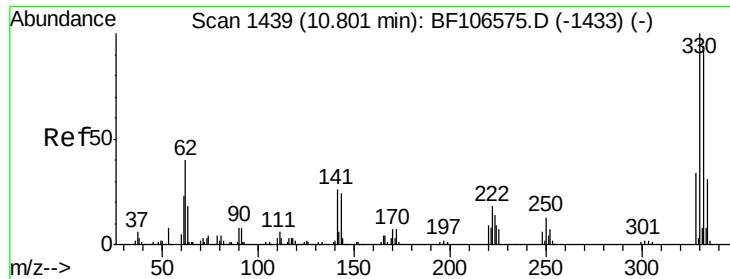
#40
 Hexachlorocyclopentadiene
 Concen: 10.643 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion: 237 Resp: 16647
 Ion Ratio Lower Upper
 237 100
 235 63.8 44.8 84.8
 272 13.8 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

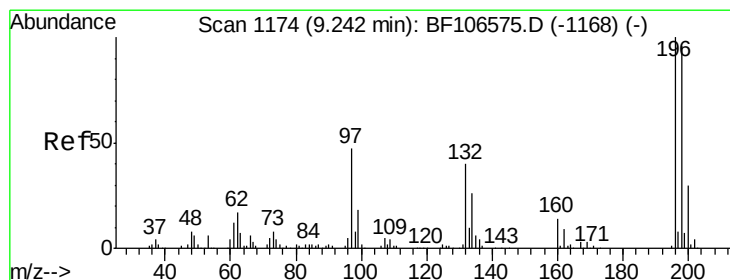
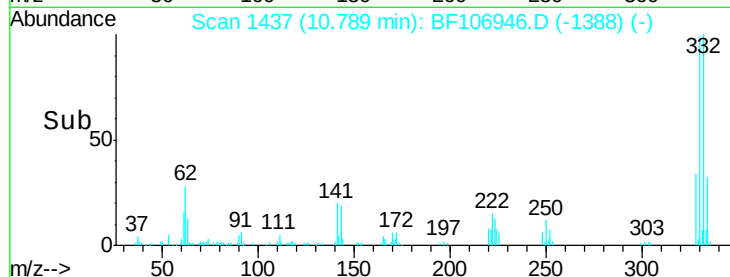
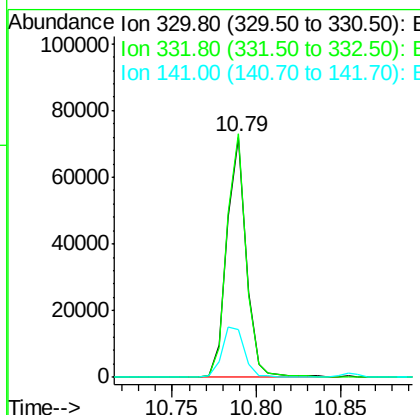
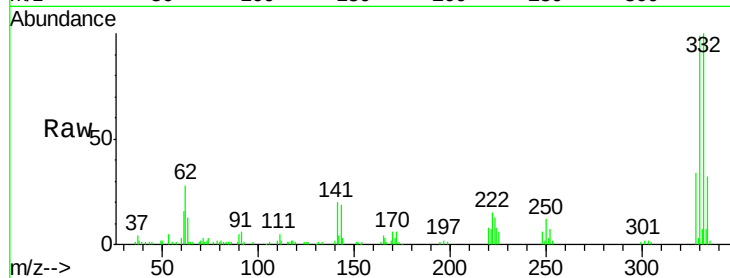




#41
 2,4,6-Tribromophenol
 Concen: 55.122 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

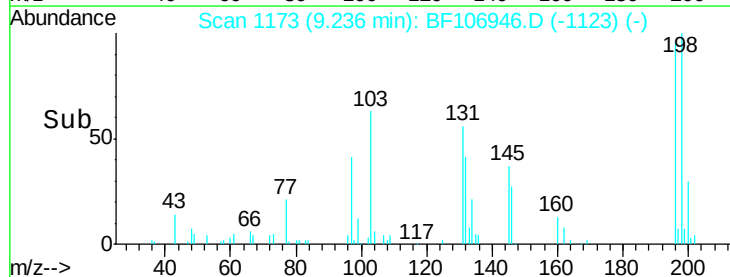
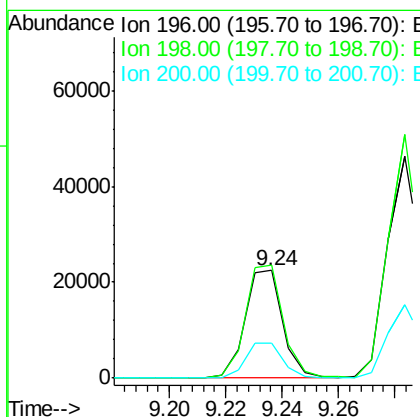
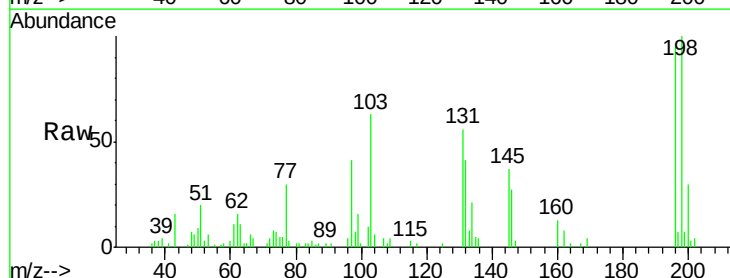
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

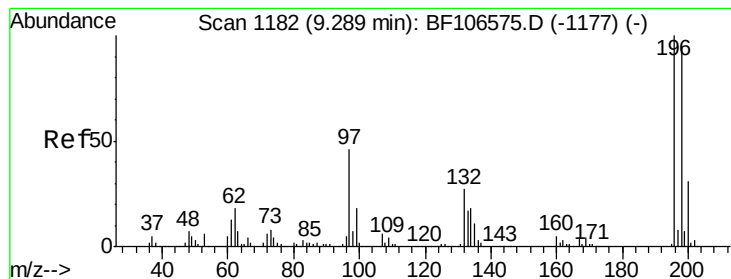
Tgt Ion:330 Resp: 57673
 Ion Ratio Lower Upper
 330 100
 332 100.3 77.0 115.6
 141 24.7 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 10.206 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion:196 Resp: 20625
 Ion Ratio Lower Upper
 196 100
 198 105.4 75.7 113.5
 200 32.0 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 19.911 ng

RT: 9.28 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

Tgt Ion:196 Resp: 41984

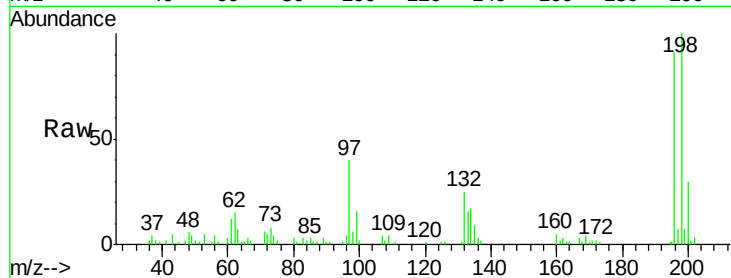
Ion Ratio Lower Upper

196 100

198 109.6 74.6 112.0

97 44.4 42.9 64.3

132 27.2 26.3 39.5

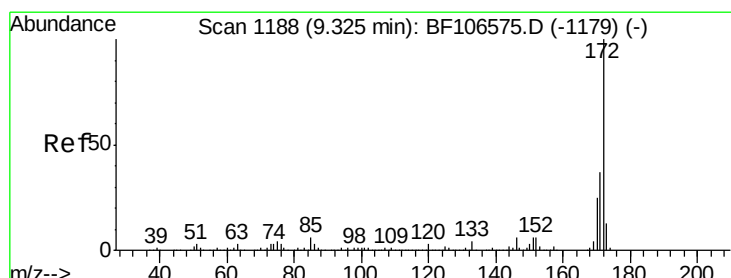
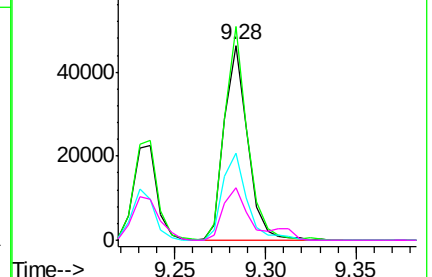
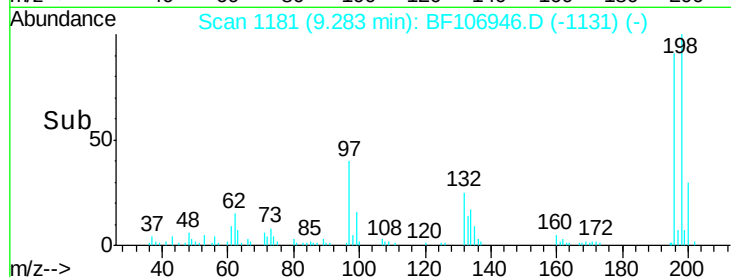


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 119.613 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

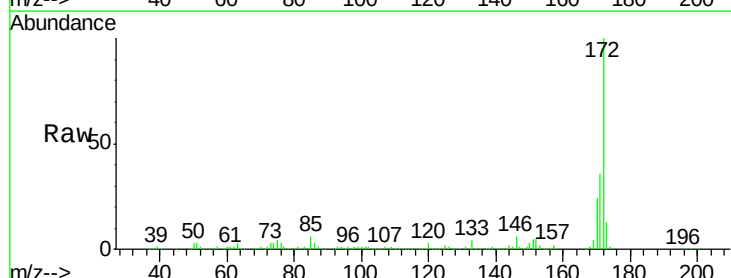
Tgt Ion:172 Resp: 605889

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

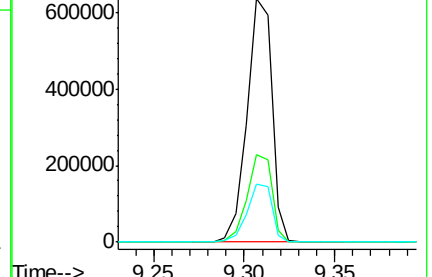
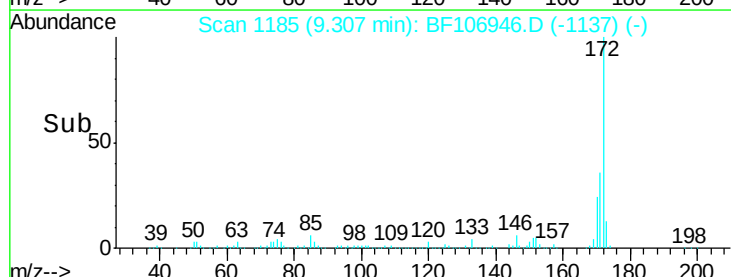
170 23.7 19.6 29.4

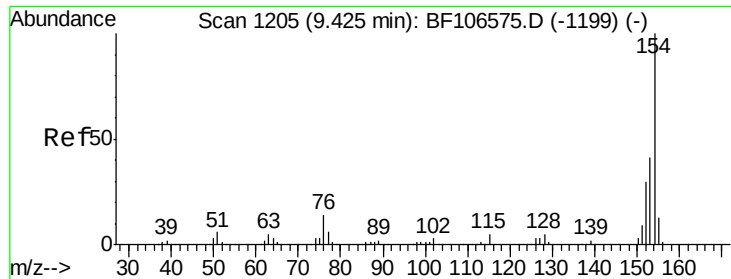


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 55.284 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

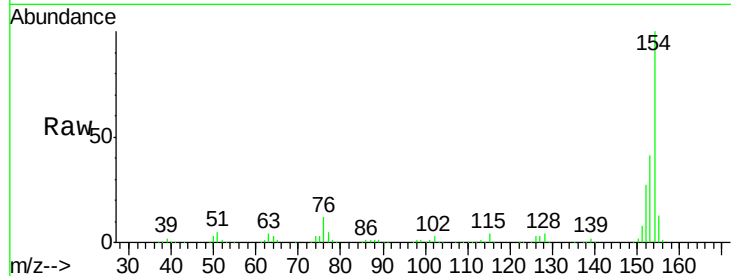
Tgt Ion:154 Resp: 397729

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

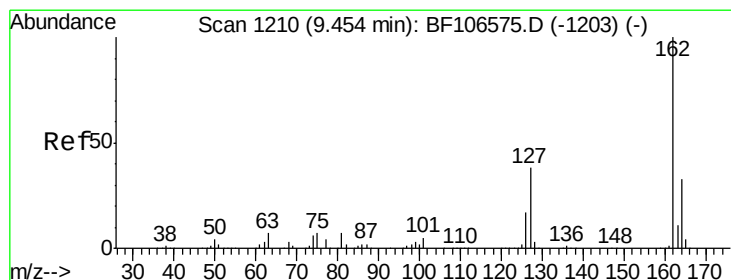
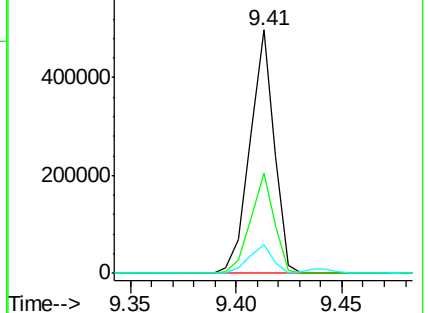
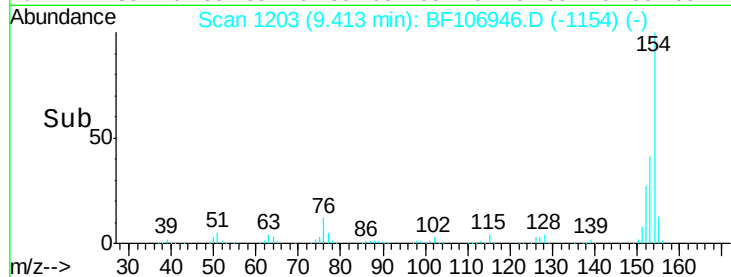
76 11.6 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 50.701 ng

RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

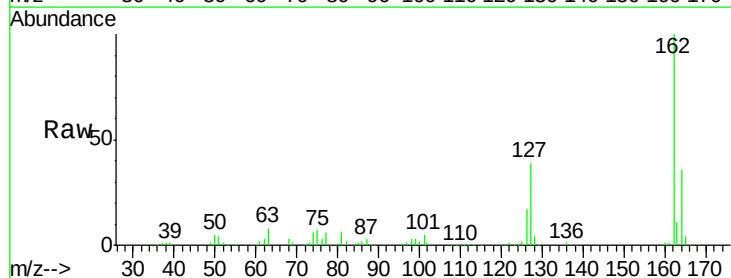
Tgt Ion:162 Resp: 287112

Ion Ratio Lower Upper

162 100

127 39.2 33.9 50.9

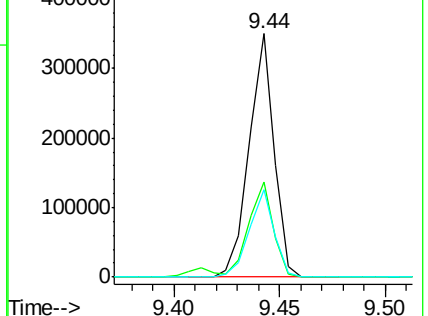
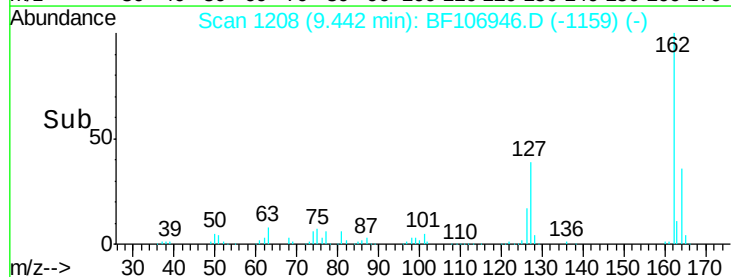
164 35.7 26.5 39.7

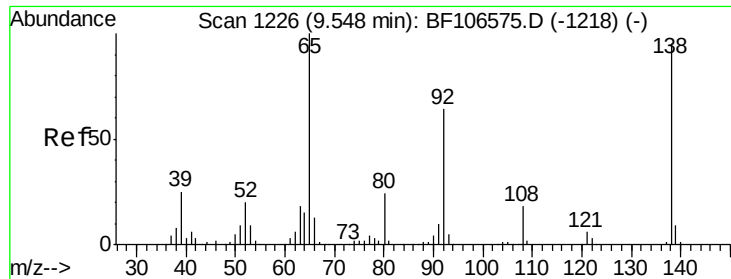


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

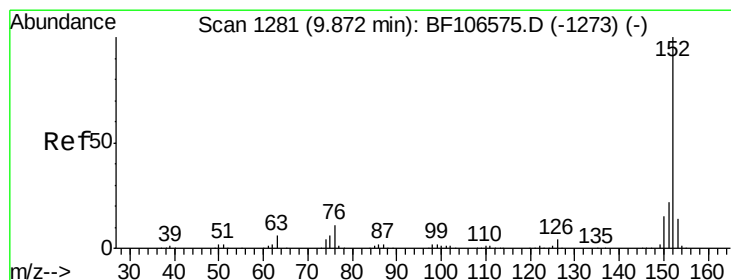
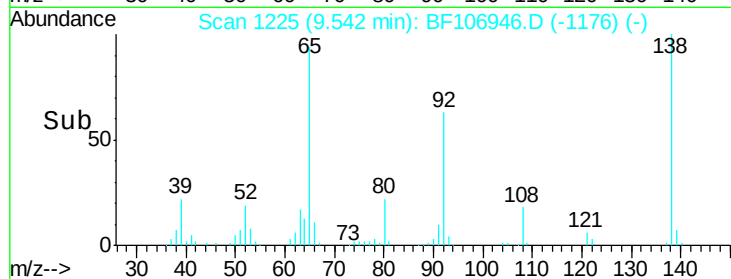
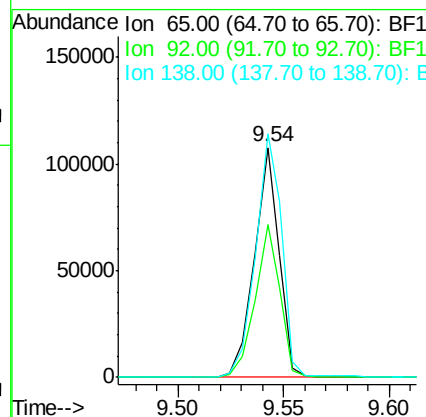
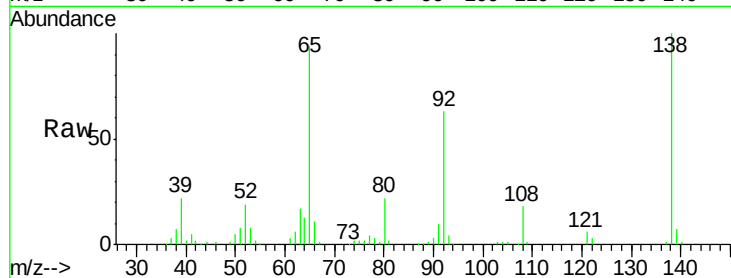




#47
 2-Nitroaniline
 Concen: 45.855 ng
 RT: 9.54 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

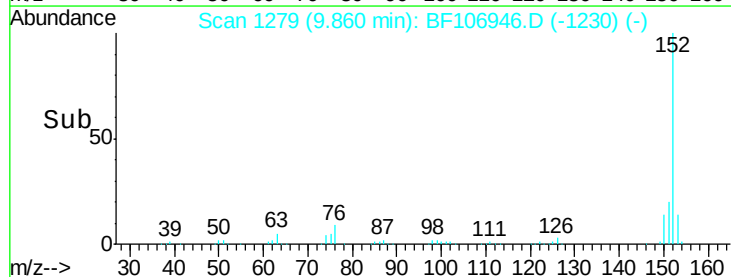
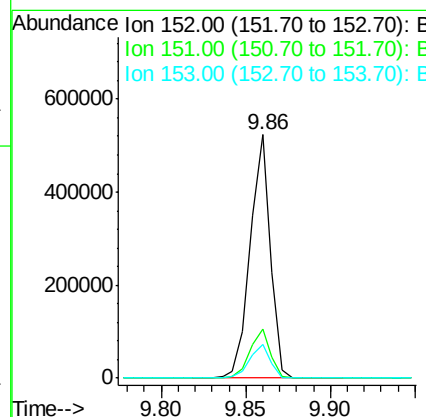
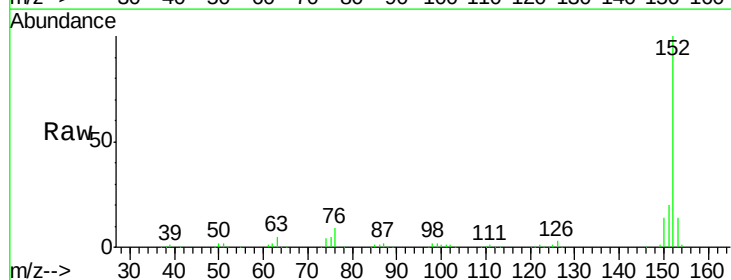
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

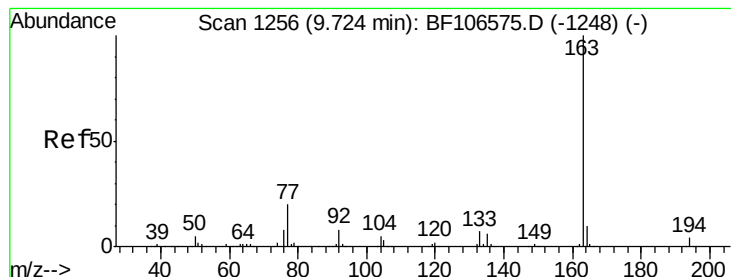
Tgt Ion: 65 Resp: 87320
 Ion Ratio Lower Upper
 65 100
 92 66.5 55.8 83.6
 138 106.1 91.2 136.8



#48
 Acenaphthylene
 Concen: 48.981 ng
 RT: 9.86 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion: 152 Resp: 437919
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 14.1 10.7 16.1





#49

Dimethylphthalate

Concen: 60.274 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

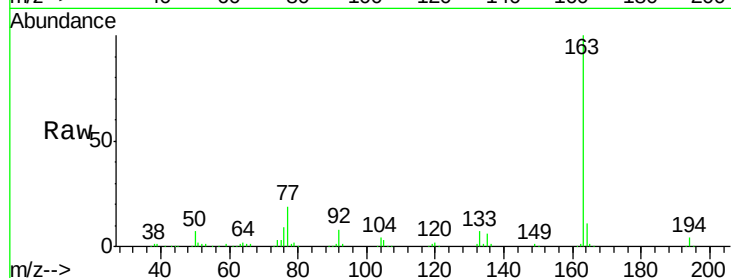
Tgt Ion:163 Resp: 408088

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

164 11.2 8.2 12.2

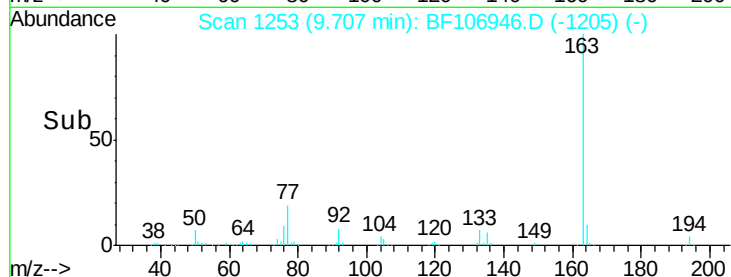


Abundance Ion 163.00 (162.70 to 163.70): E

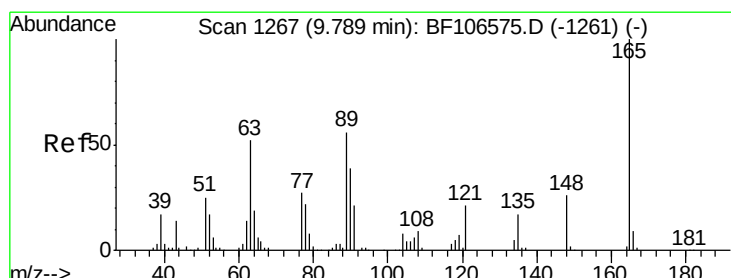
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#50

2,6-Dinitrotoluene

Concen: 50.993 ng

RT: 9.78 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

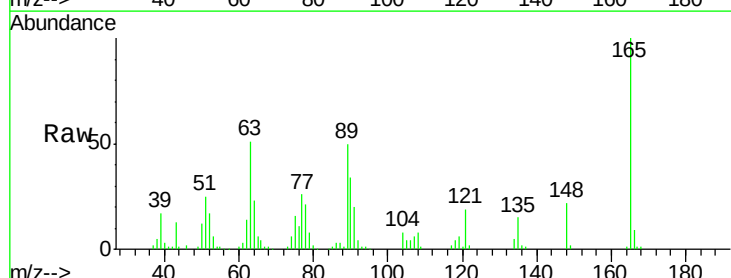
Tgt Ion:165 Resp: 73107

Ion Ratio Lower Upper

165 100

63 50.8 44.7 67.1

89 50.1 44.0 66.0

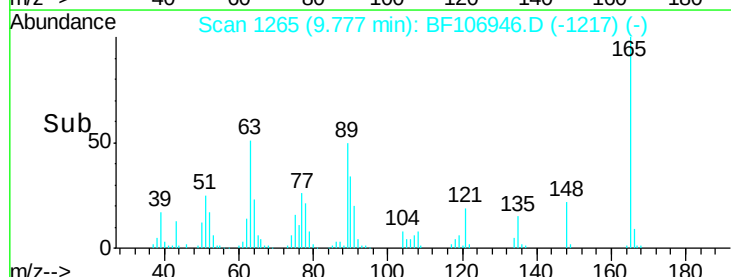


Abundance Ion 165.00 (164.70 to 165.70): E

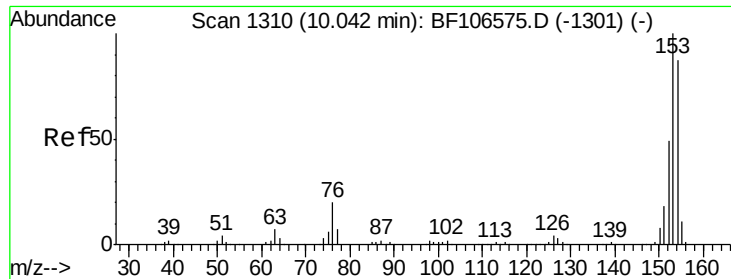
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#51

Acenaphthene

Concen: 46.103 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

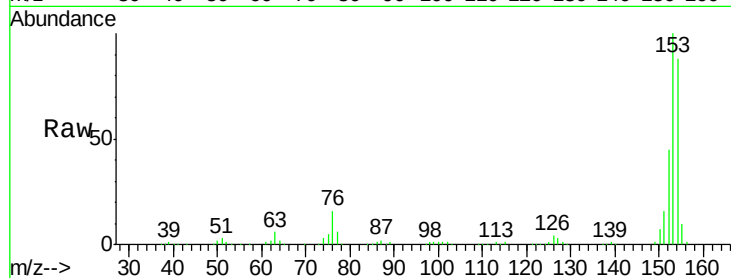
Tgt Ion:154 Resp: 259560

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

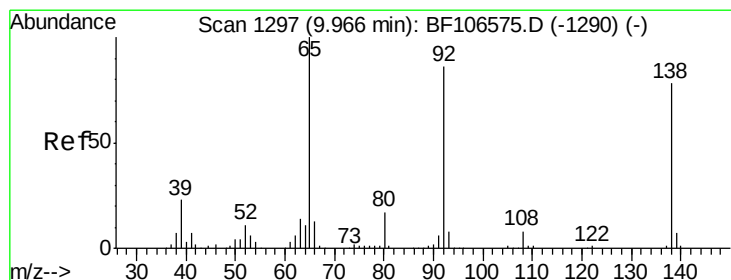
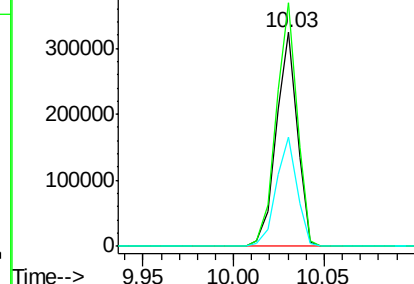
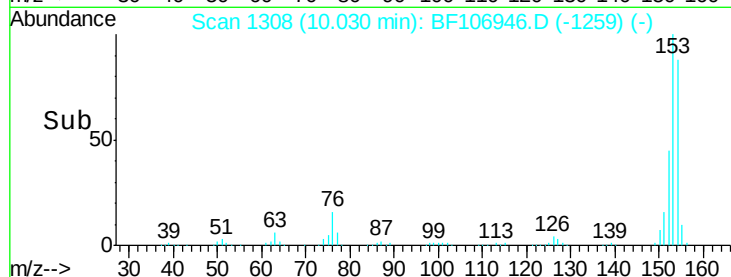
152 50.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.699 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

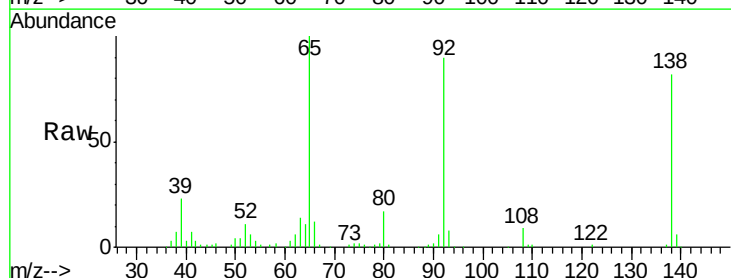
Tgt Ion:138 Resp: 68794

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

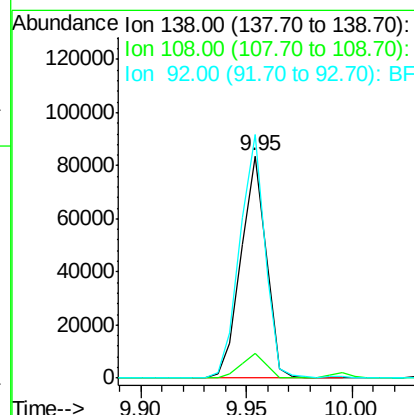
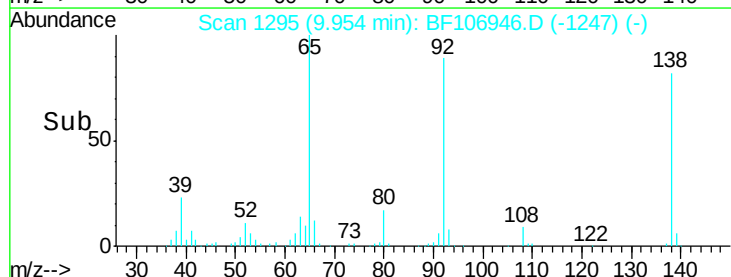
92 109.5 89.4 134.2

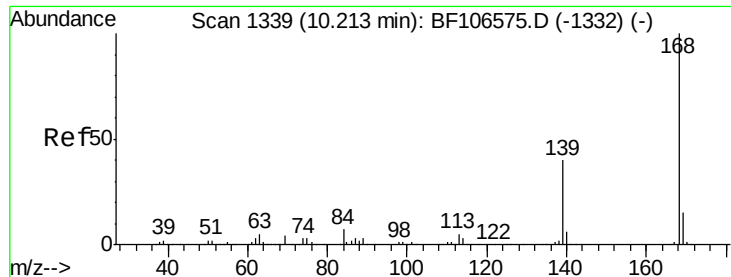


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzenofuran

Concen: 49.915 ng

RT: 10.20 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

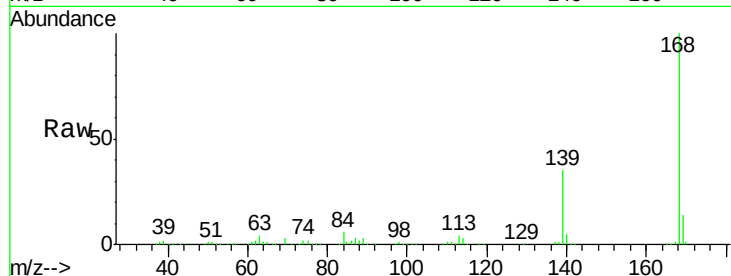
Tgt Ion:168 Resp: 384806

Ion Ratio Lower Upper

168 100

139 35.1 30.1 45.1

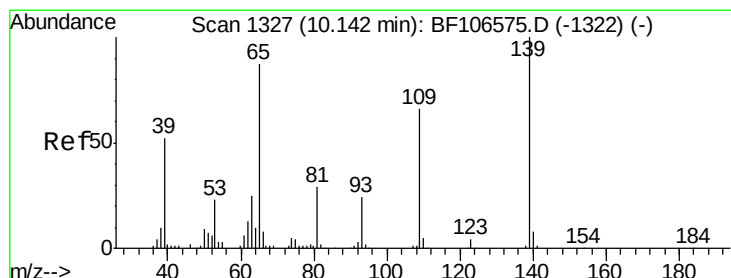
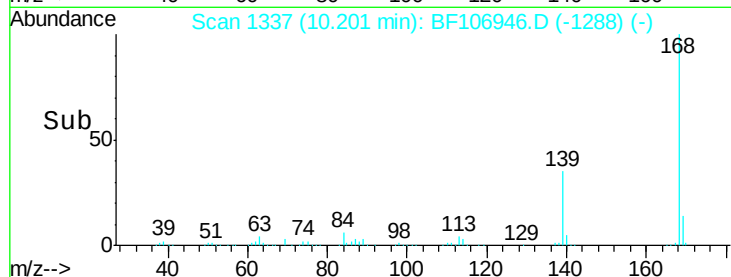
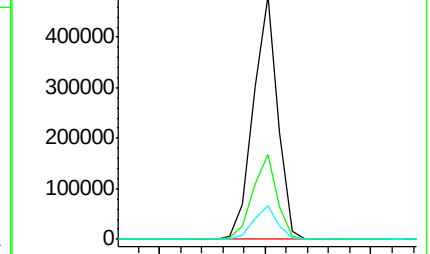
169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 115.625 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.06 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

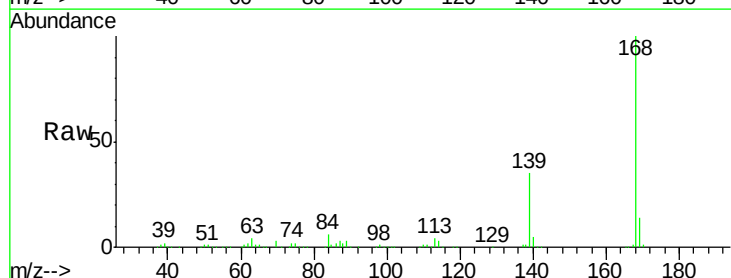
Tgt Ion:139 Resp: 133151

Ion Ratio Lower Upper

139 100

109 0.9 48.4 88.4#

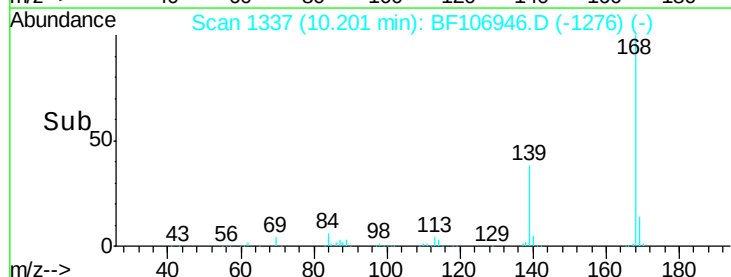
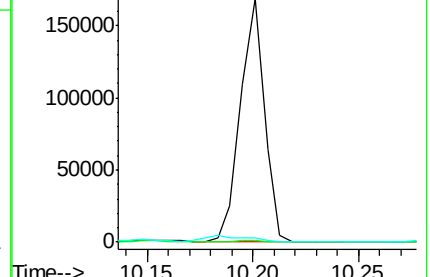
65 1.6 72.6 112.6#

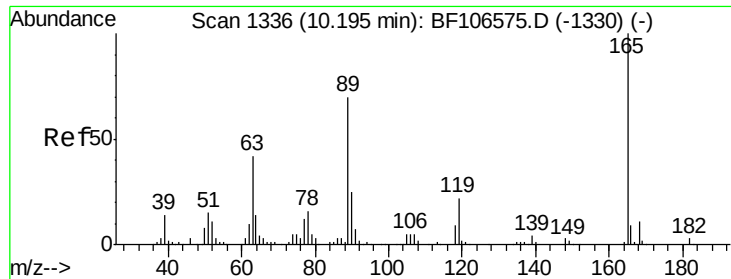


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

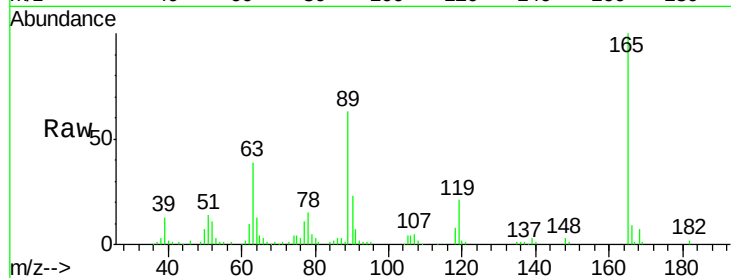




#56
2,4-Dinitrotoluene
Concen: 46.324 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tgt Ion:	165	Resp:	86688
Ion	Ratio	Lower	Upper
165	100		
63	39.3	36.4	54.6
89	63.5	57.8	86.6
182	2.2	1.6	2.4

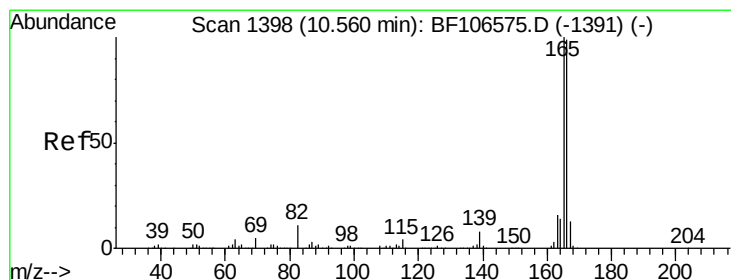
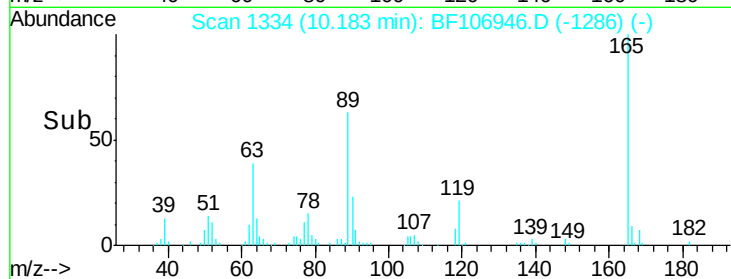
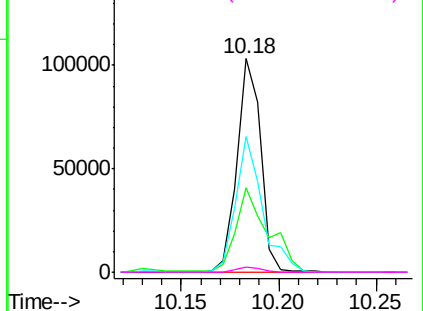


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

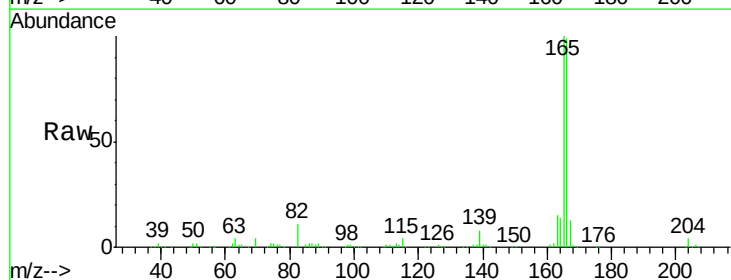
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 47.068 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

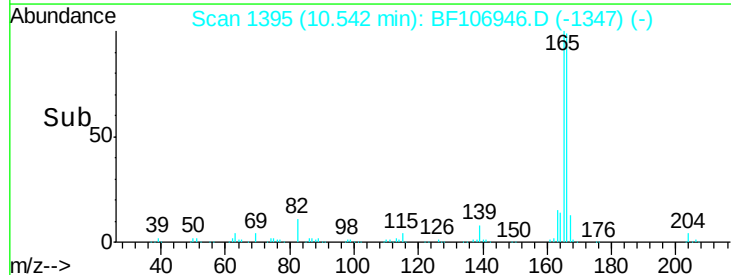
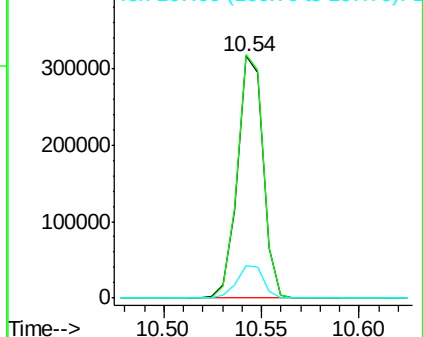
Tgt Ion:	166	Resp:	287937
Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	13.5	10.6	16.0

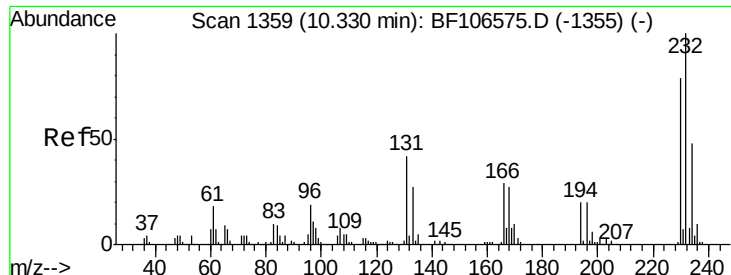


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

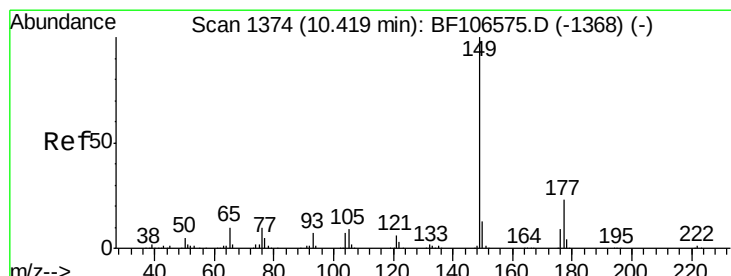
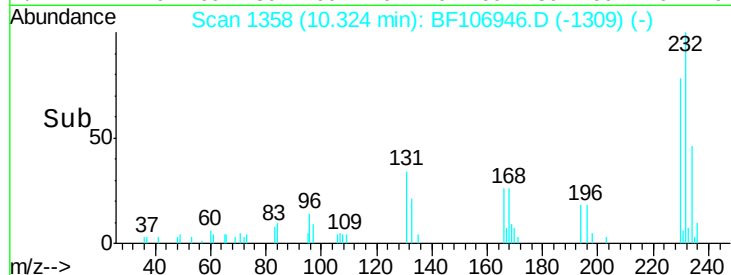
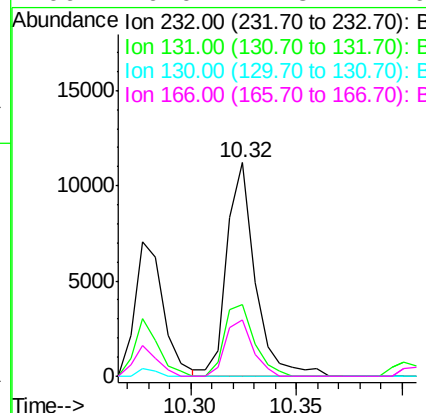
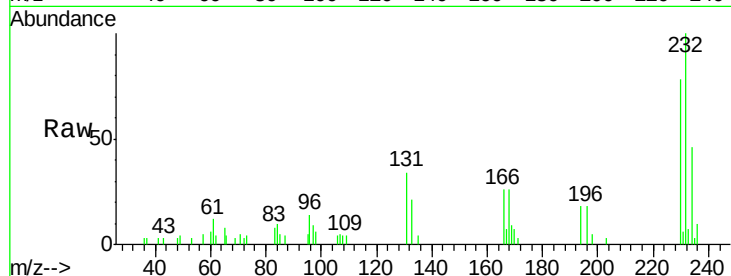




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 6.231 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

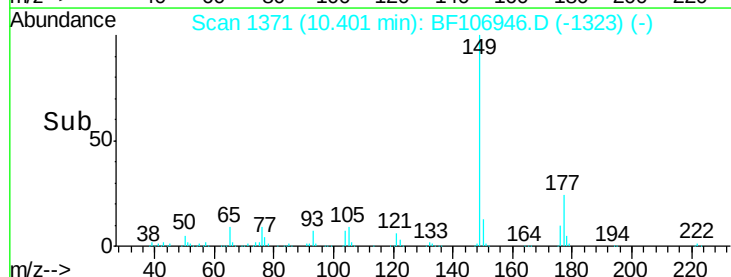
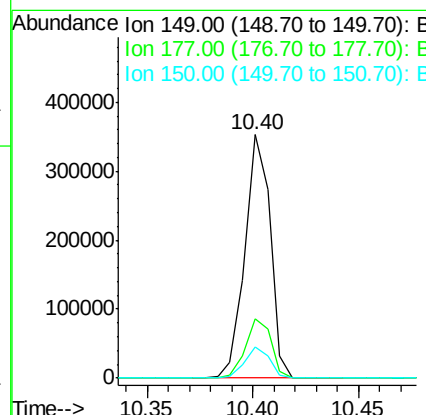
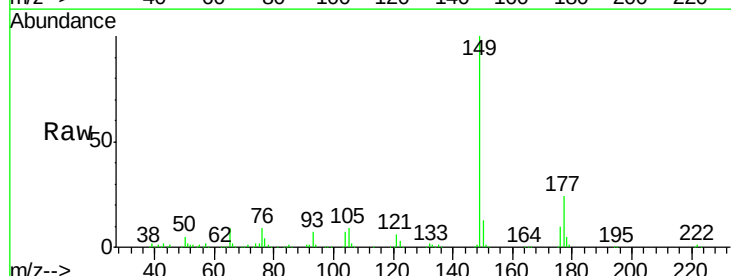
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

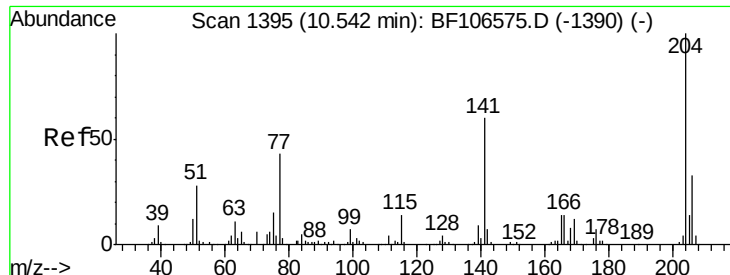
Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.8	43.8	65.8#
130	0.0	2.1	3.1#
166	0.0	27.8	41.6#



#59
 Diethylphthalate
 Concen: 44.689 ng
 RT: 10.40 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	16.1	24.1#
150	12.6	10.1	15.1

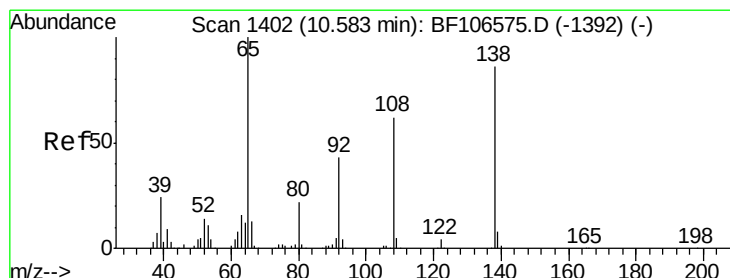
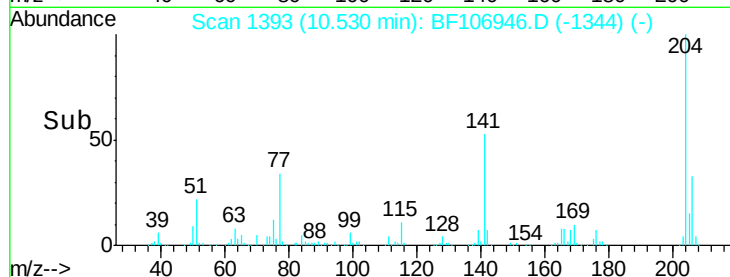
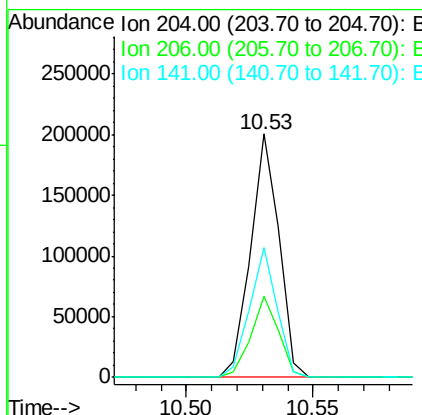
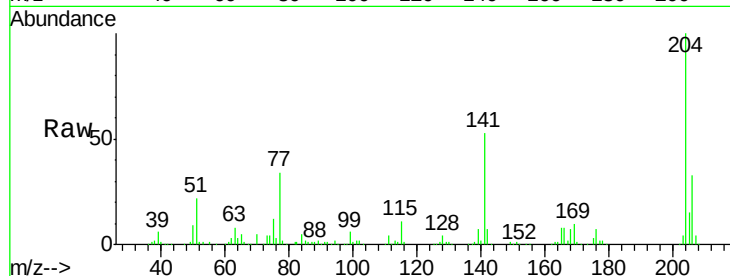




#60
 4-Chlorophenyl-phenylether
 Concen: 48.935 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

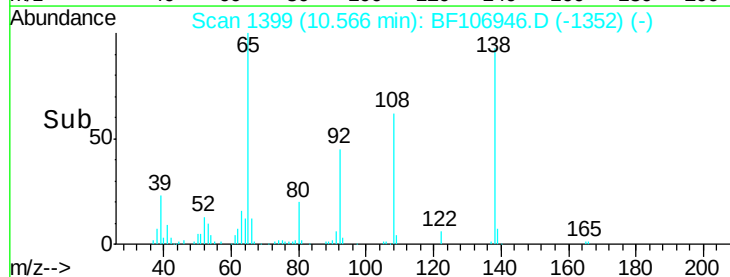
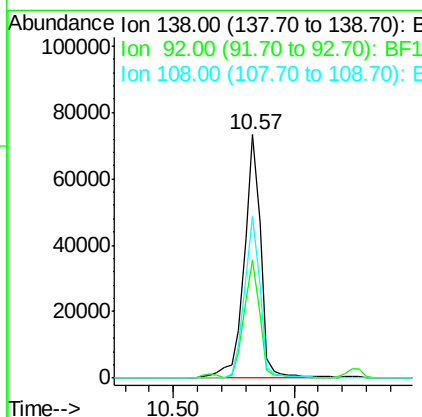
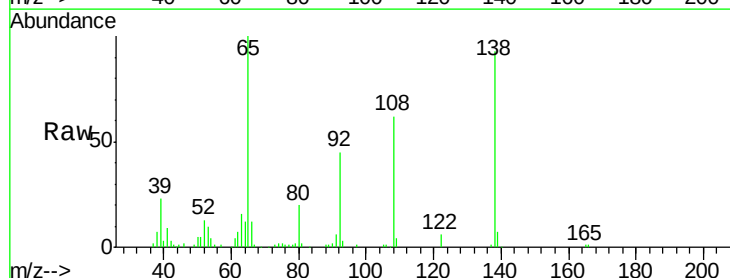
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

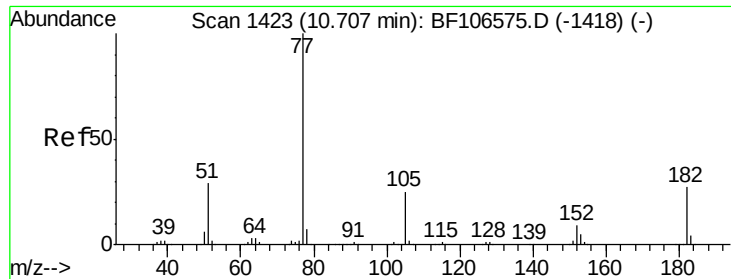
Tgt Ion: 204 Resp: 156633
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.5 39.7
 141 53.2 54.6 81.8#



#61
 4-Nitroaniline
 Concen: 43.092 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion: 138 Resp: 70556
 Ion Ratio Lower Upper
 138 100
 92 48.3 30.2 70.2
 108 66.5 52.5 92.5





#62

Azobenzene

Concen: 39.981 ng

RT: 10.69 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

Tgt Ion: 77 Resp: 257279

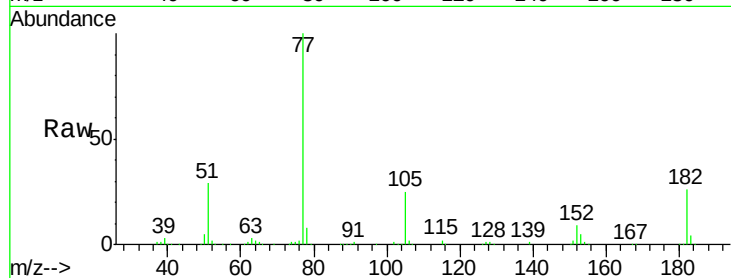
Ion Ratio Lower Upper

77 100

182 26.1 1.7 41.7

105 24.7 3.0 43.0

51 28.5 9.9 49.9

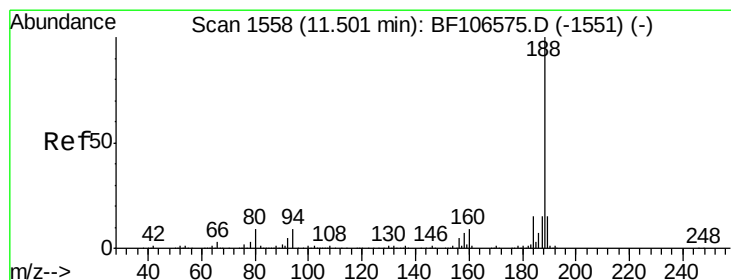
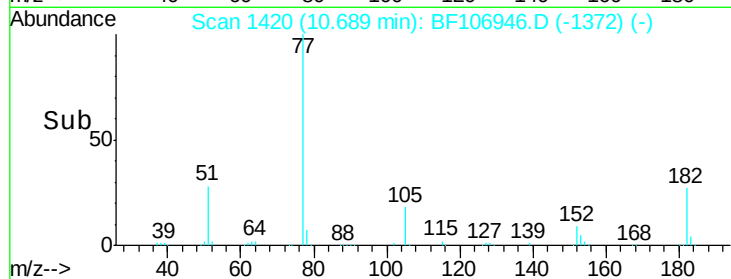
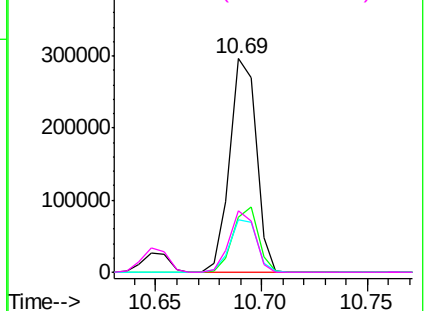


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

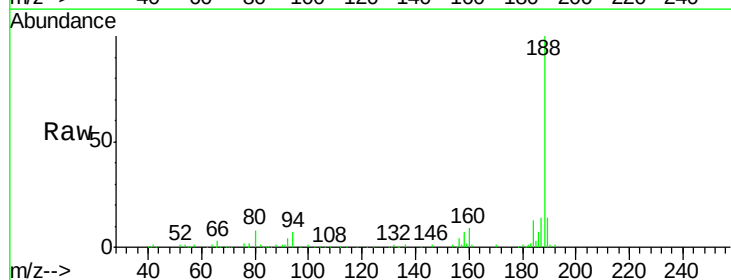
Tgt Ion: 188 Resp: 156211

Ion Ratio Lower Upper

188 100

94 7.3 8.5 12.7#

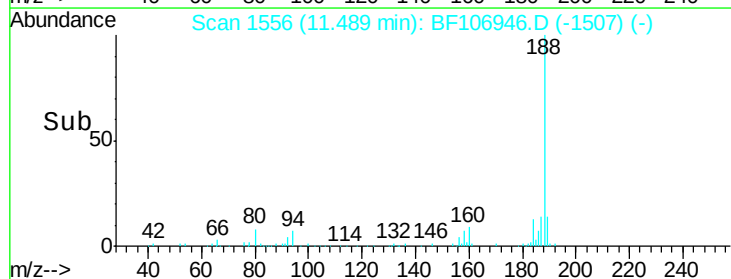
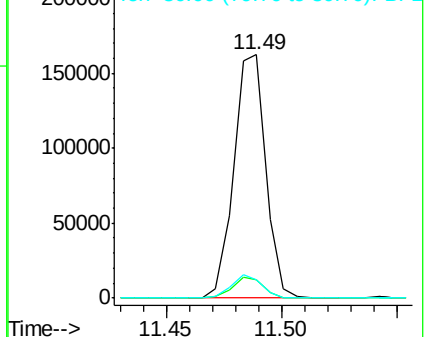
80 7.7 9.2 13.8#

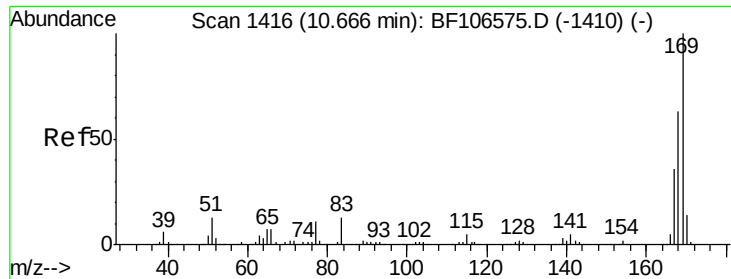


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

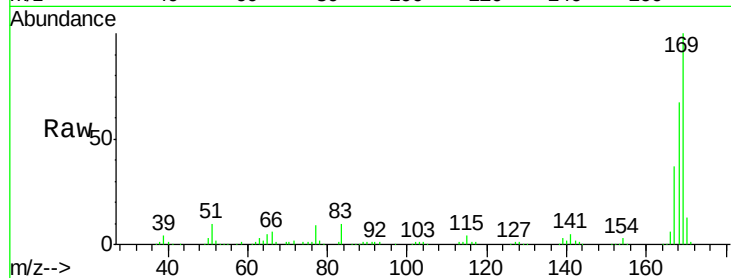




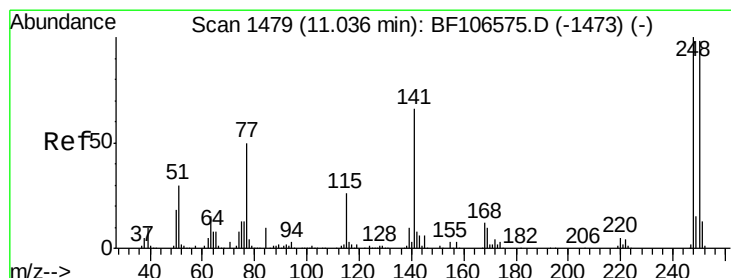
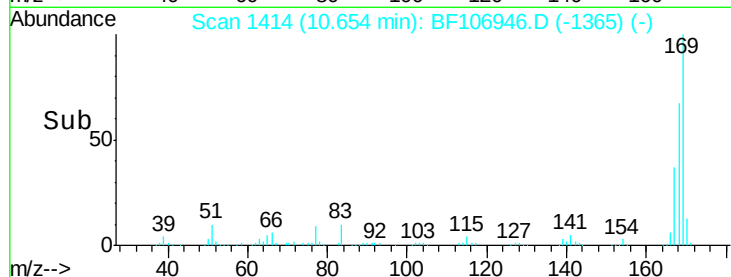
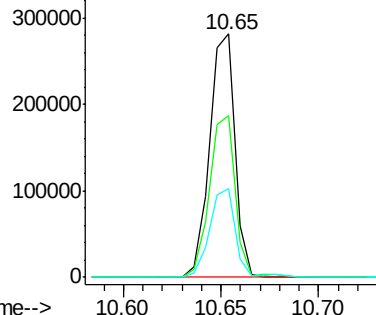
#65
 n-Nitrosodiphenylamine
 Concen: 48.383 ng
 RT: 10.65 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

Tgt Ion:169 Resp: 254214
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.4 81.6
 167 36.7 29.8 44.6

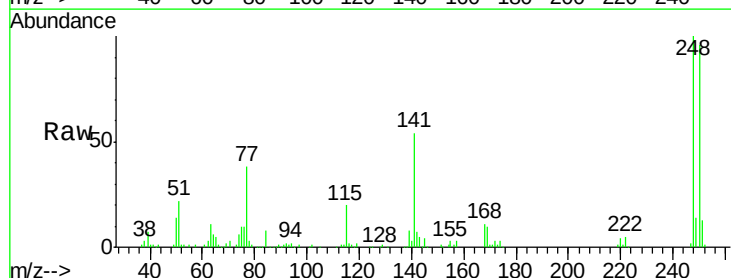


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

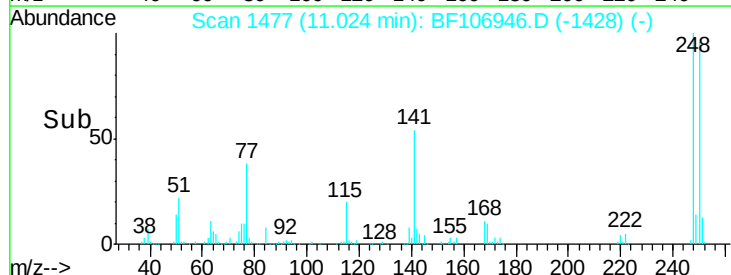
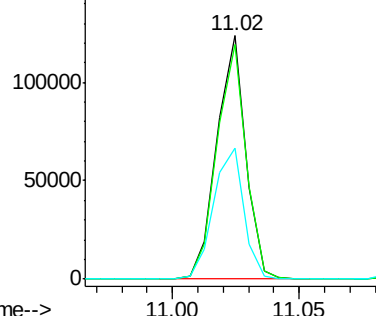


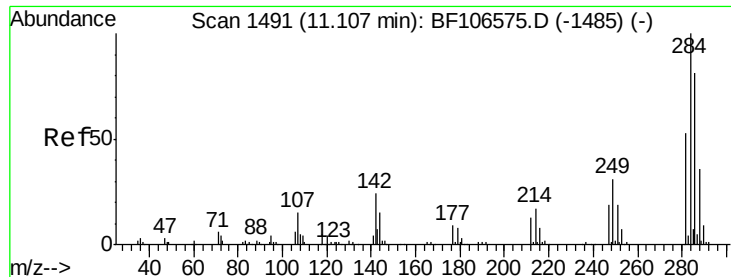
#66
 4-Bromophenyl-phenylether
 Concen: 52.649 ng
 RT: 11.02 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion:248 Resp: 98153
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.9 115.3
 141 53.9 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

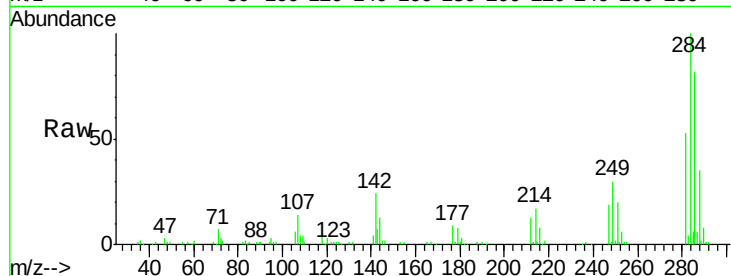




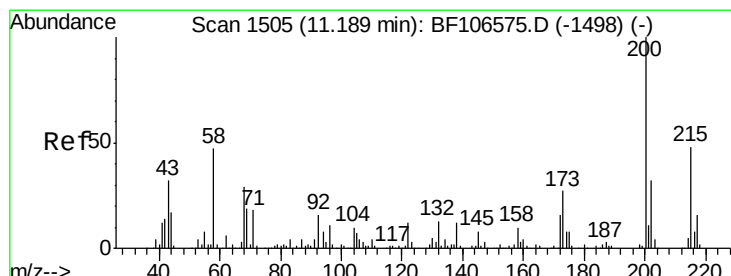
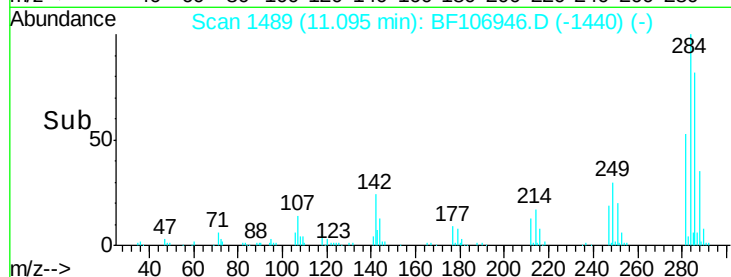
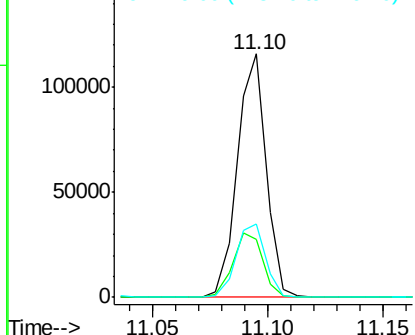
#67
Hexachlorobenzene
Concen: 51.550 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tgt Ion:284 Resp: 100587
Ion Ratio Lower Upper
284 100
142 23.6 34.6 52.0#
249 30.0 24.8 37.2

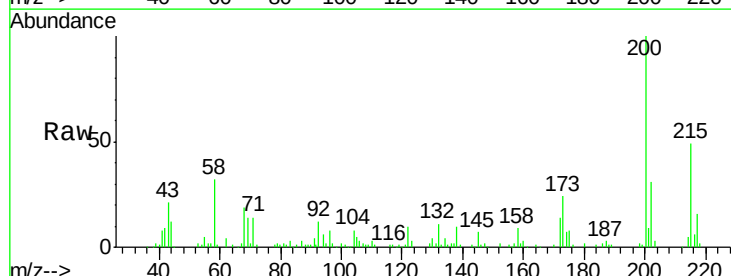


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

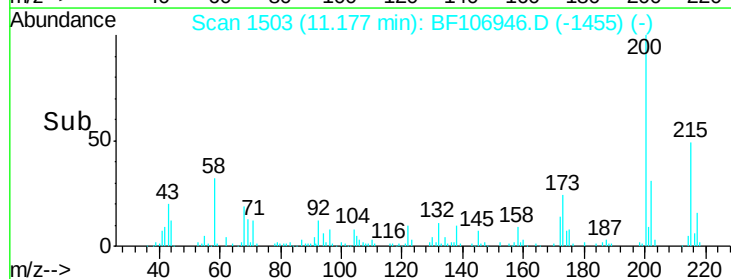
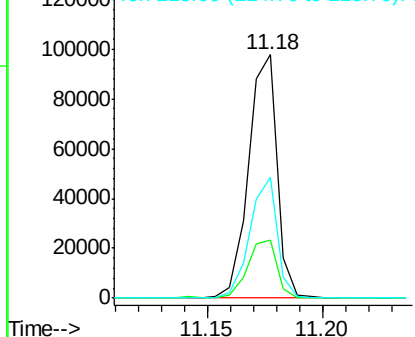


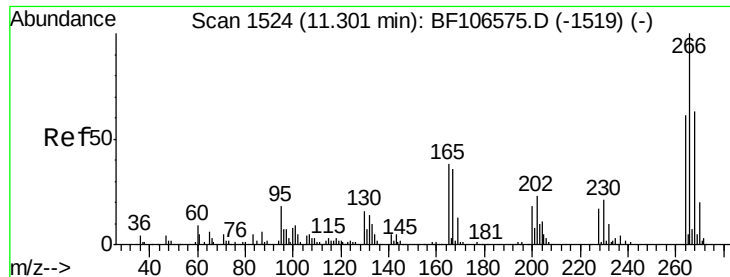
#68
Atrazine
Concen: 50.684 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion:200 Resp: 84659
Ion Ratio Lower Upper
200 100
173 23.7 8.6 48.6
215 49.4 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

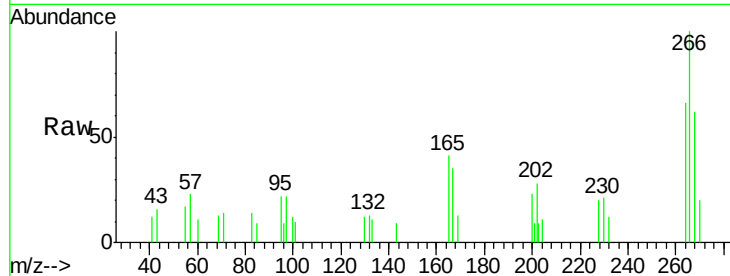




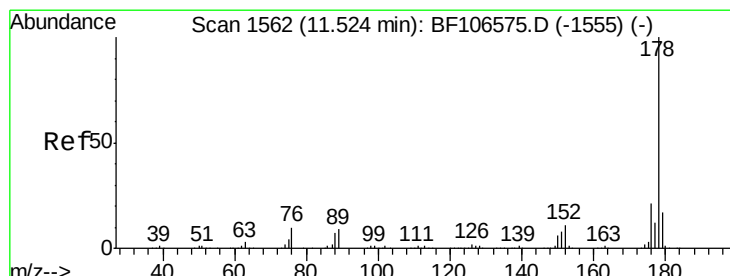
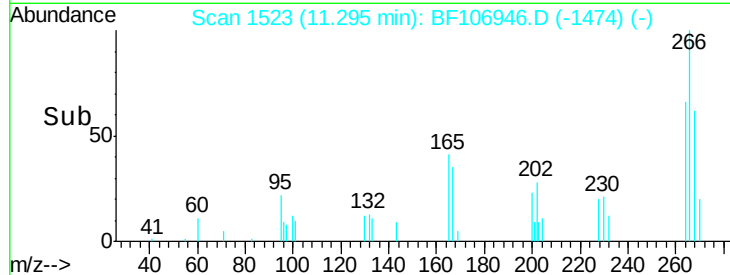
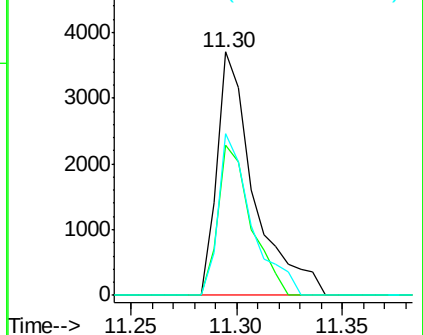
#69
Pentachlorophenol
 Concen: 4.627 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

Tgt Ion:	266	Resp:	4505
Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	66.3	49.5	74.3

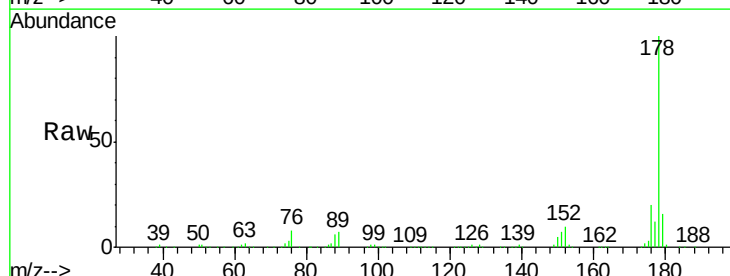


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

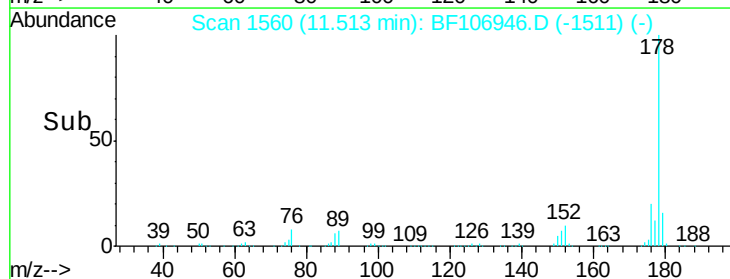
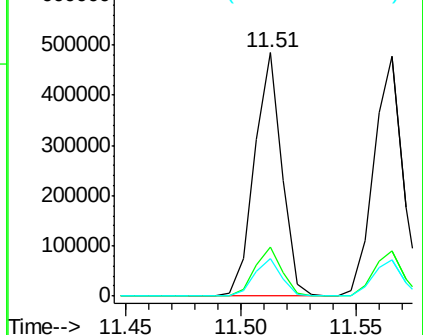


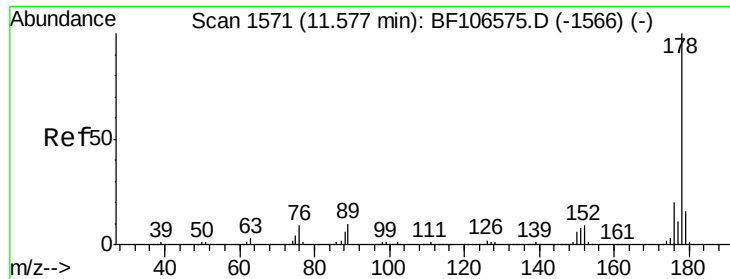
#70
Phenanthrene
 Concen: 53.426 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion:	178	Resp:	402530
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.6	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

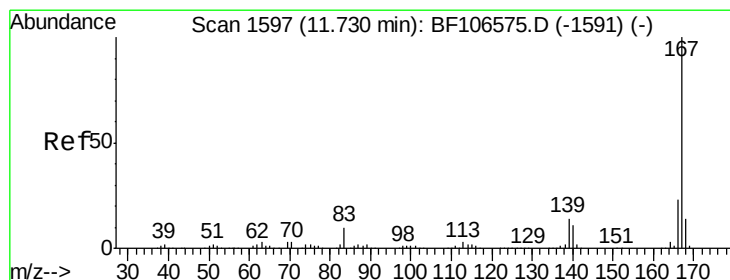
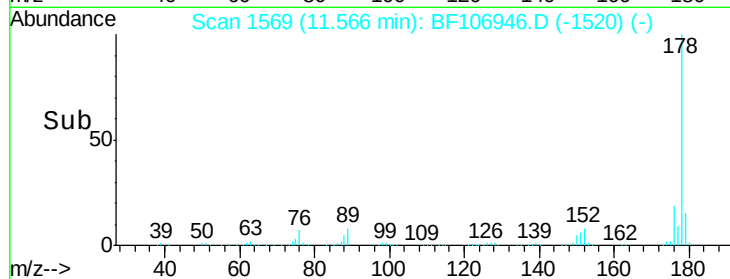
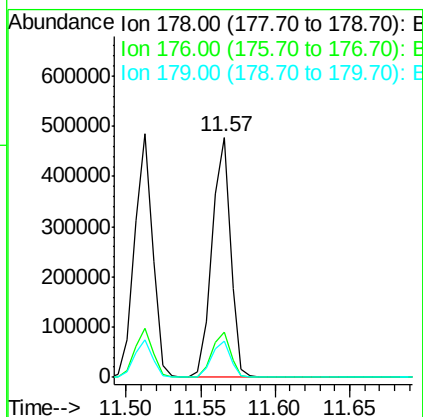
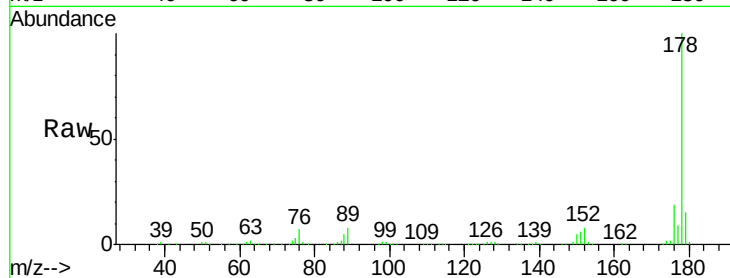




#71
 Anthracene
 Concen: 53.603 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

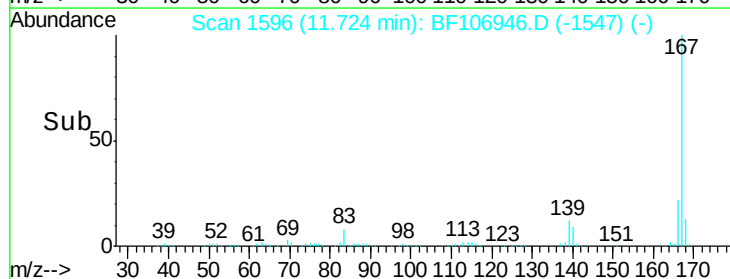
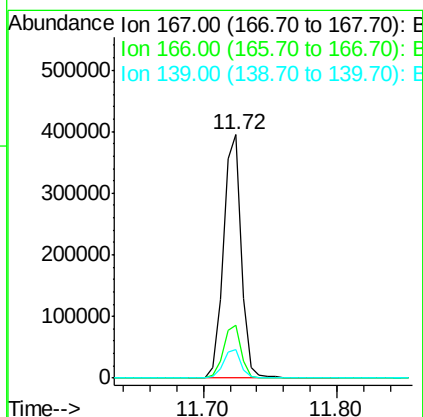
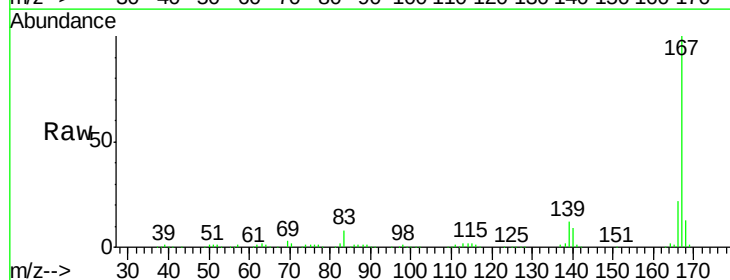
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

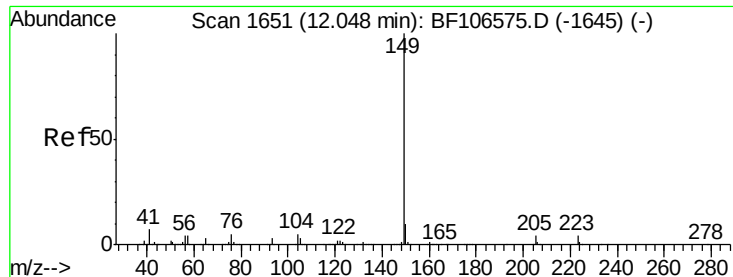
Tgt Ion:178 Resp: 412226
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 51.791 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion:167 Resp: 372896
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 11.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.617 ng

RT: 12.03 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

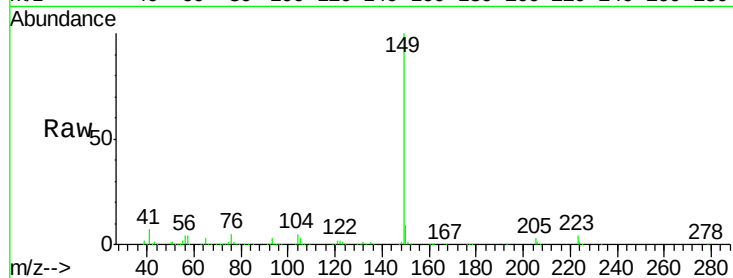
Tgt Ion:149 Resp: 386940

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

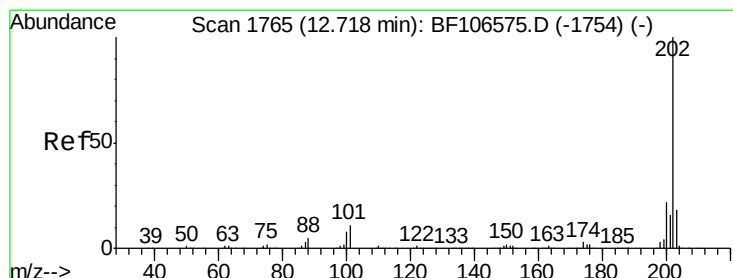
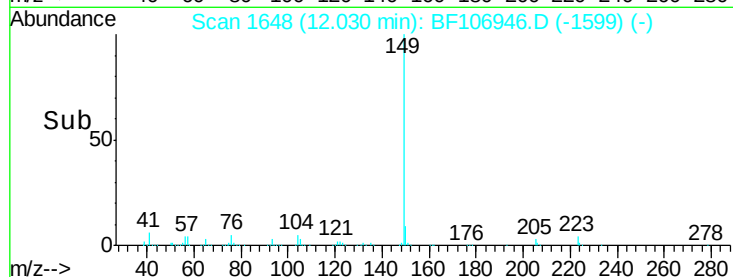
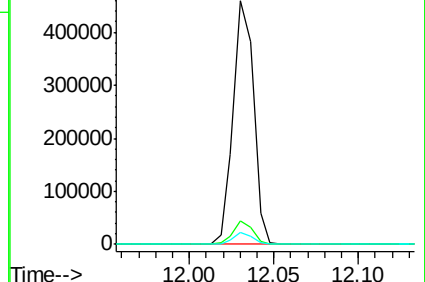
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 58.445 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

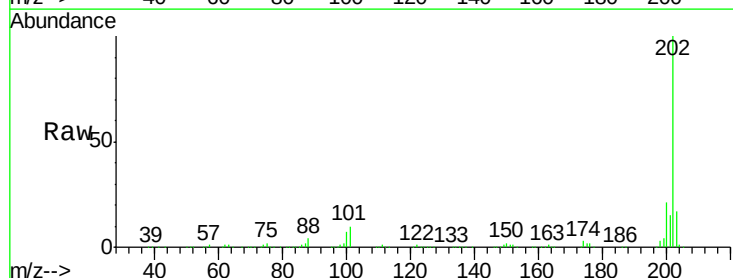
Tgt Ion:202 Resp: 485348

Ion Ratio Lower Upper

202 100

101 9.5 0.0 34.1

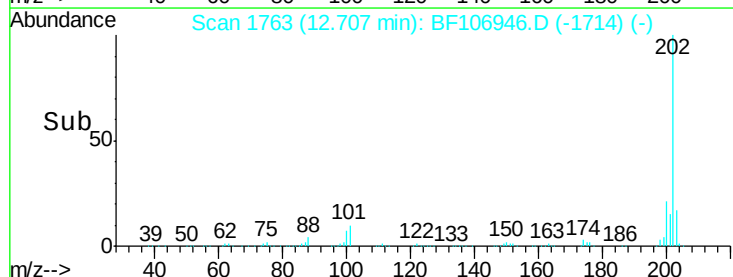
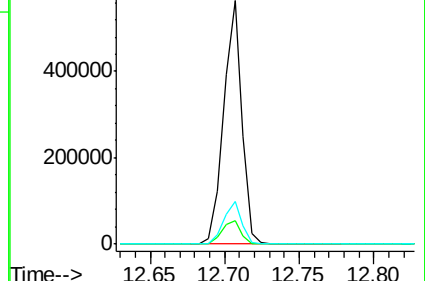
203 17.3 0.0 38.1

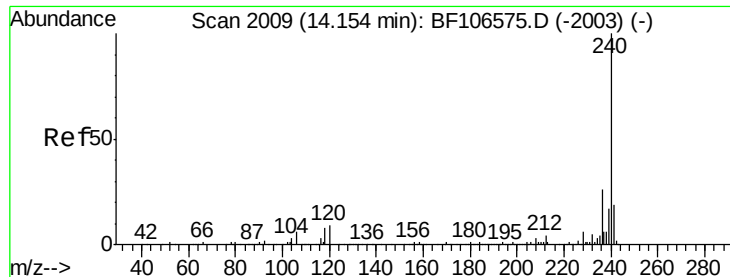


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

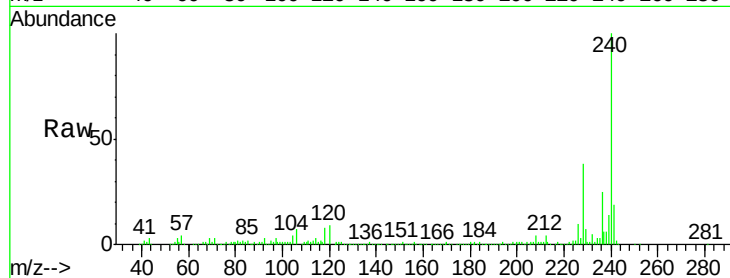
Tgt Ion:240 Resp: 175482

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

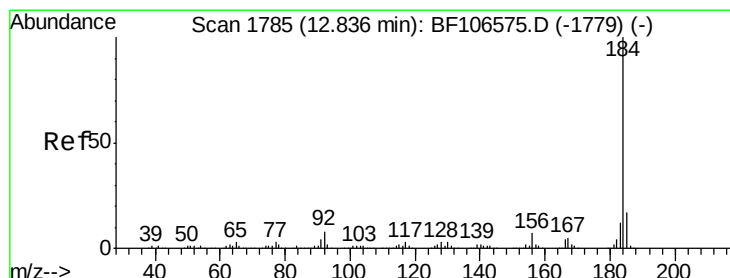
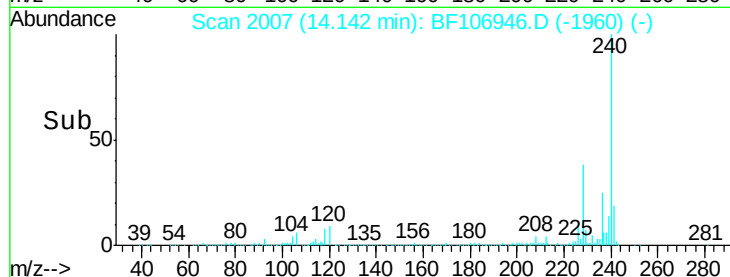
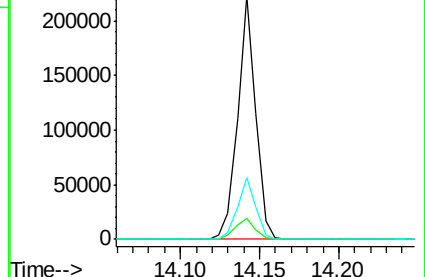
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.193 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

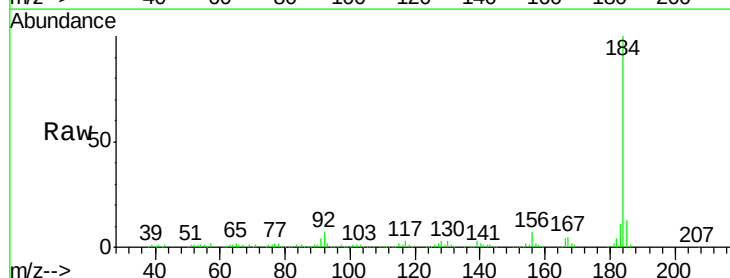
Tgt Ion:184 Resp: 235854

Ion Ratio Lower Upper

184 100

185 13.2 12.6 18.8

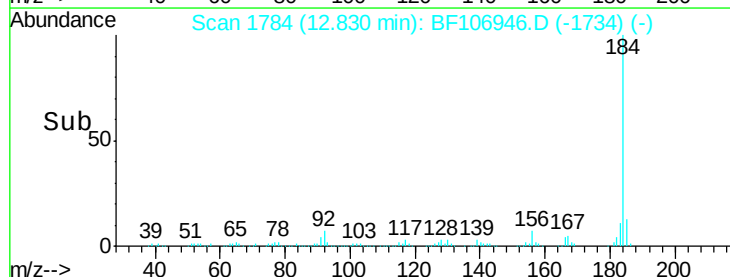
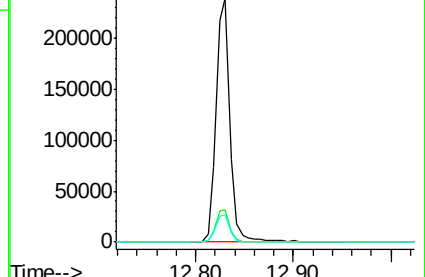
183 11.5 9.3 13.9

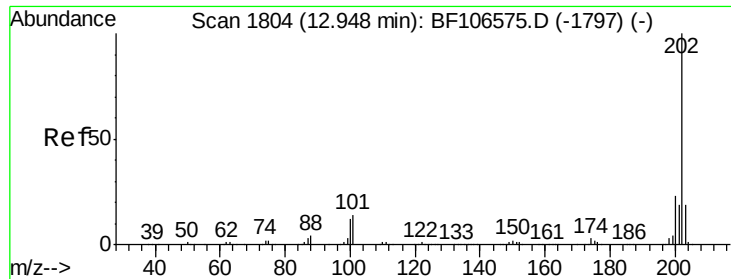


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

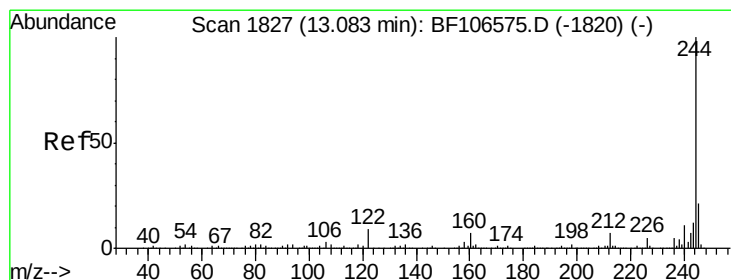
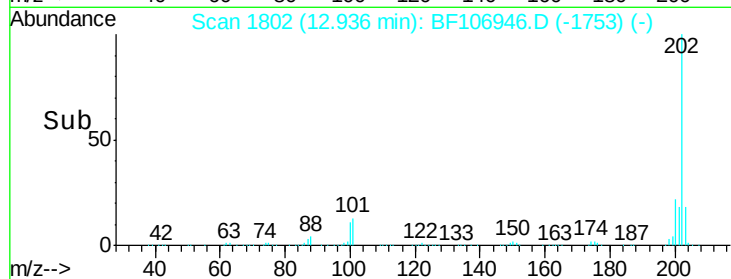
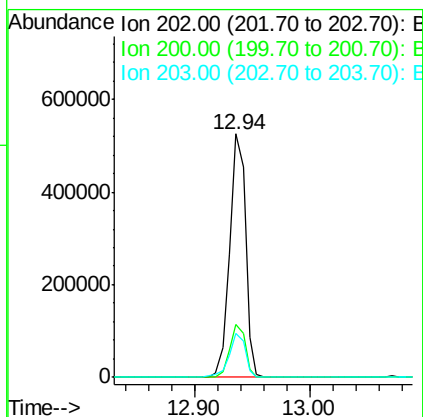
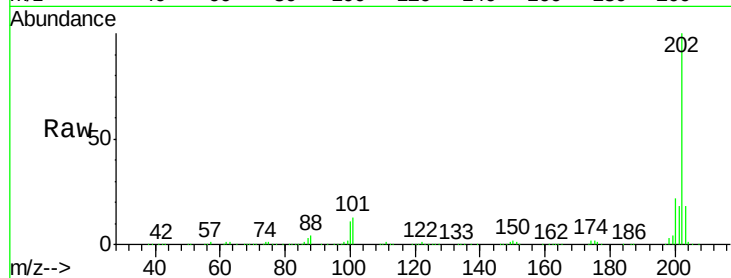




#77
 Pyrene
 Concen: 43.274 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

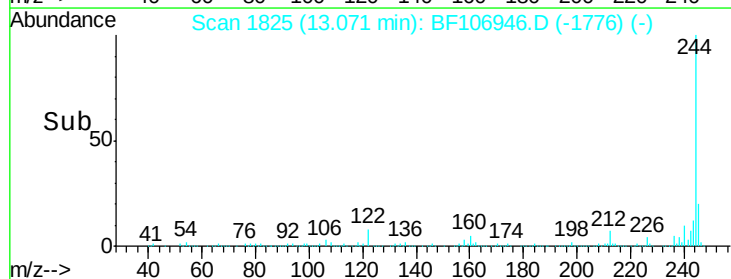
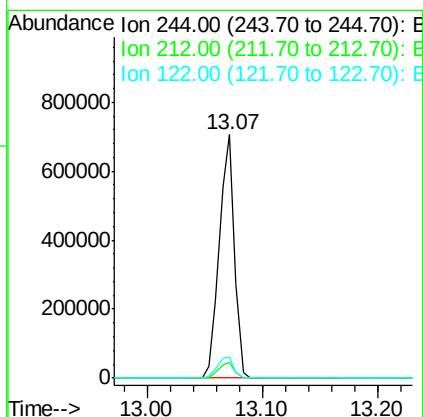
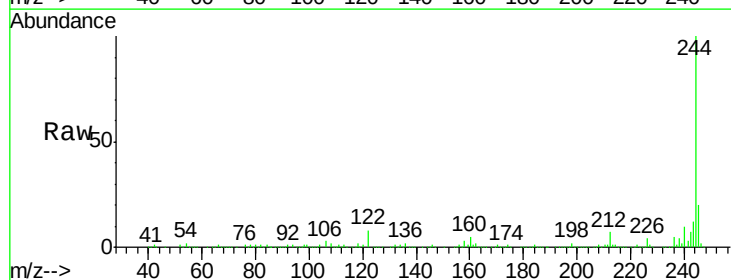
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

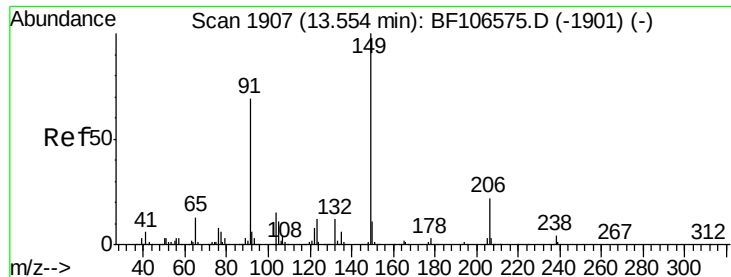
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.9	14.3	21.5



#78
 Terphenyl-d14
 Concen: 88.417 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.4	11.0	16.4#

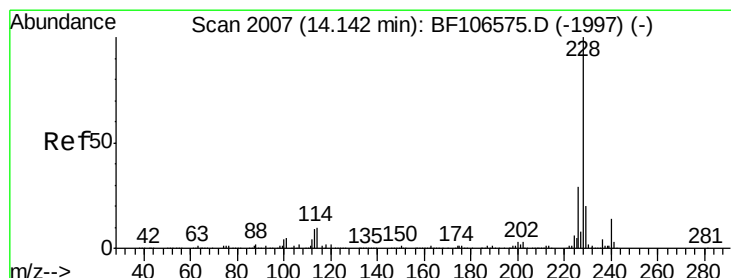
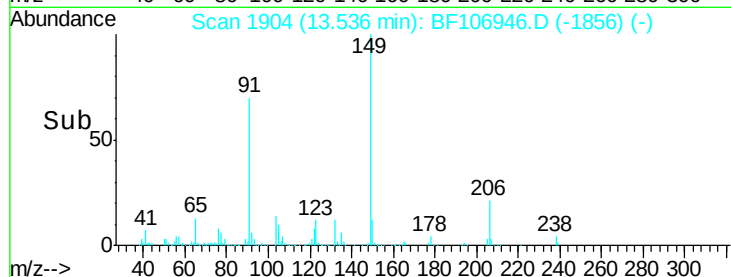
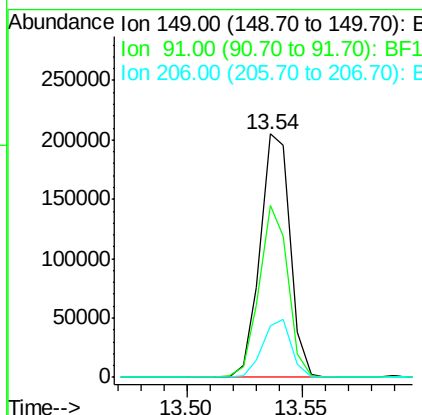
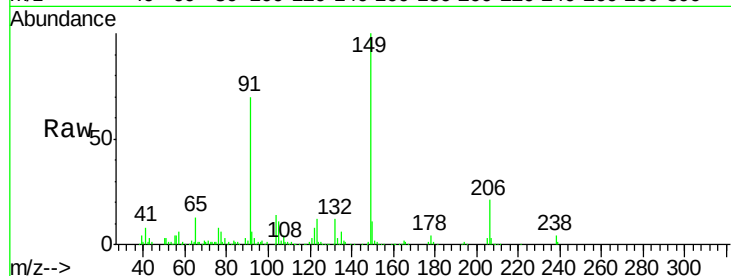




#79
Butylbenzylphthalate
Concen: 39.031 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

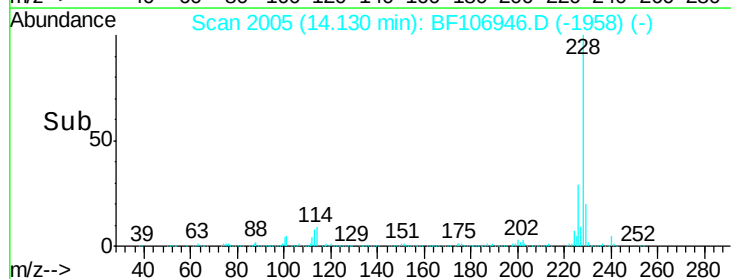
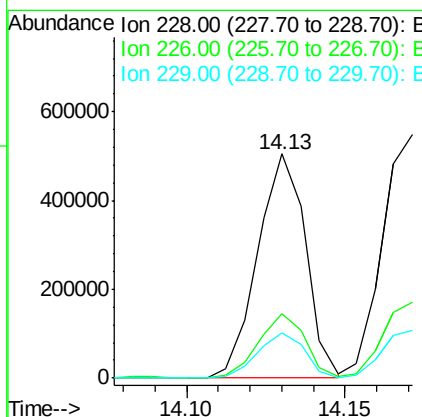
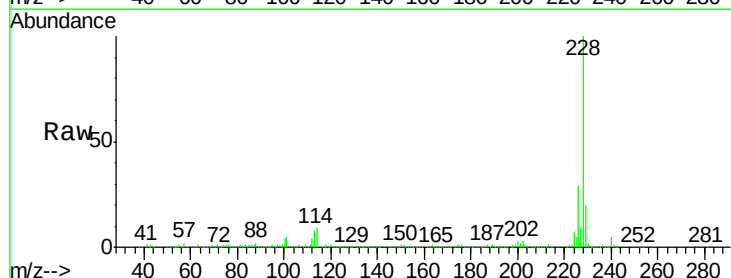
Instrument :
BNA_F
ClientSampleId :
S39-9005MS

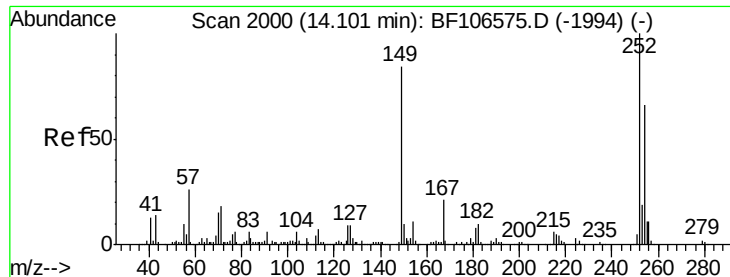
Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.8	85.2
206	21.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 49.632 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.4	15.8	23.6

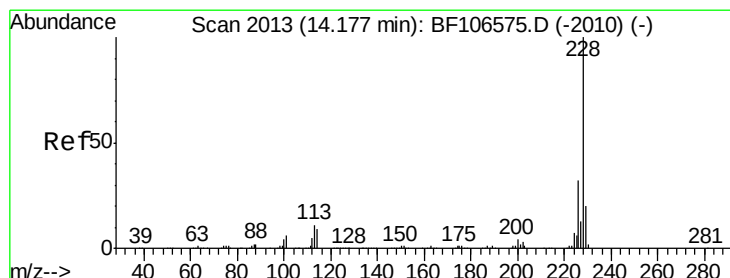
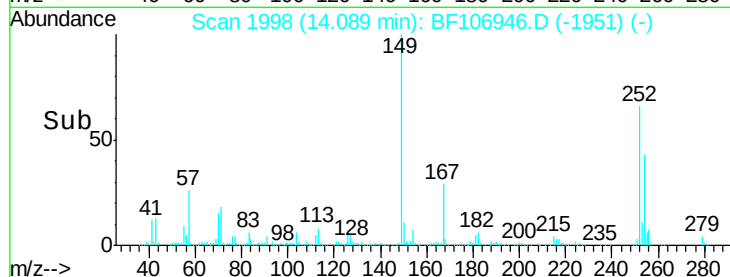
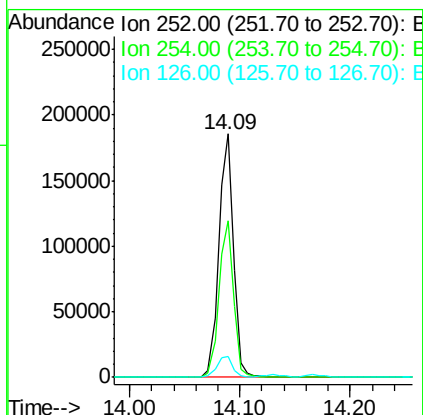
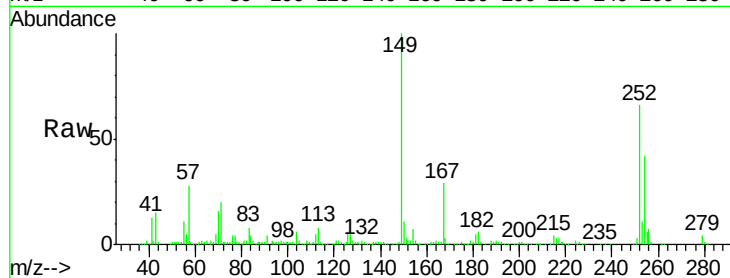




#81
 3,3'-Dichlorobenzidine
 Concen: 45.529 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

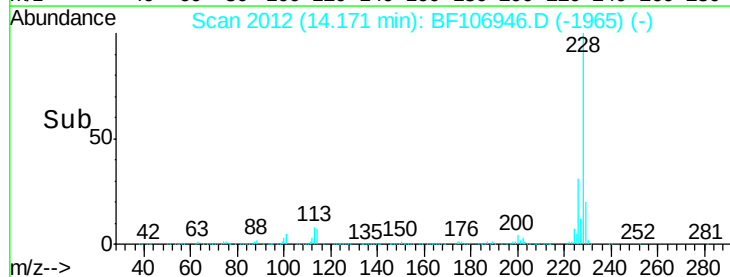
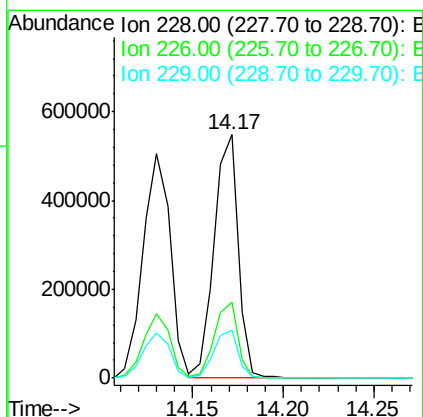
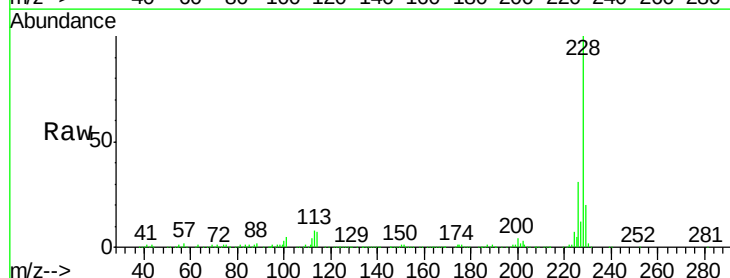
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

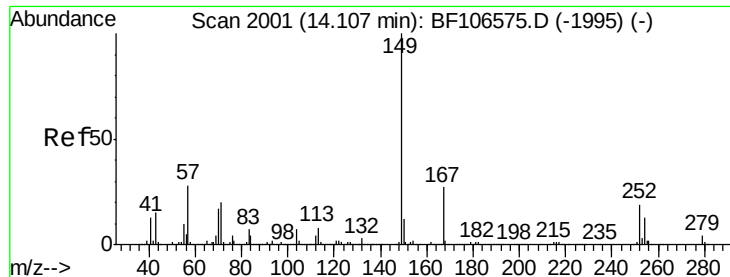
Tgt Ion: 252 Resp: 171138
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.4 75.6
 126 8.7 11.3 16.9#



#82
 Chrysene
 Concen: 51.254 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion: 228 Resp: 504311
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 19.8 16.2 24.4

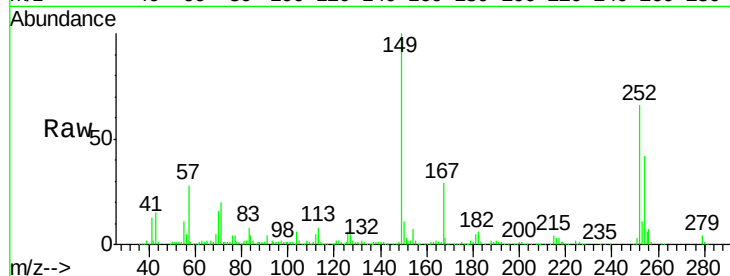




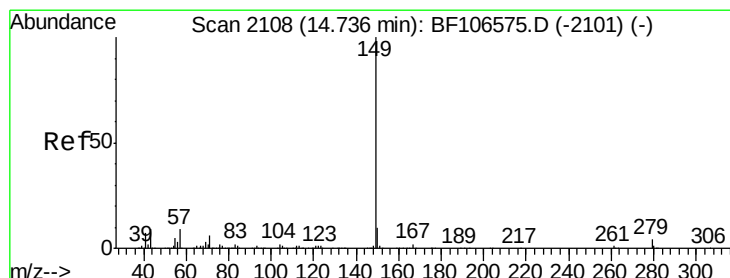
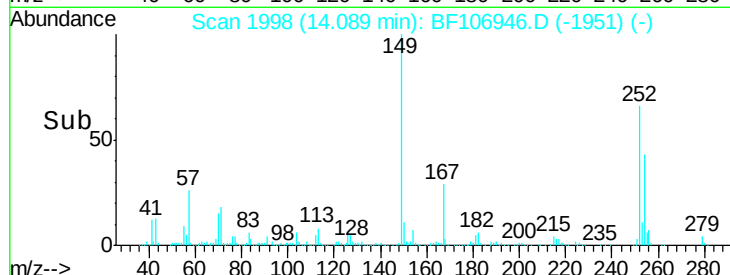
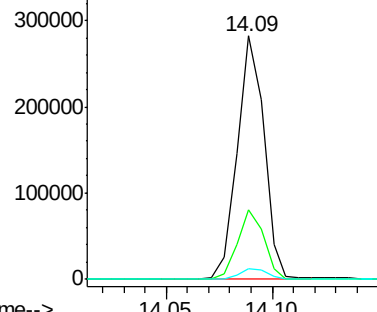
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.940 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

Tgt Ion:149 Resp: 249026
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.3 31.9
 279 4.3 3.0 4.4

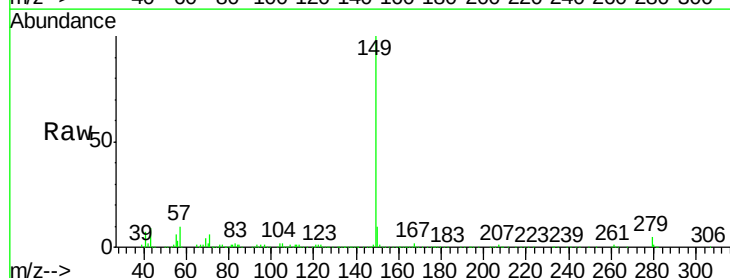


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

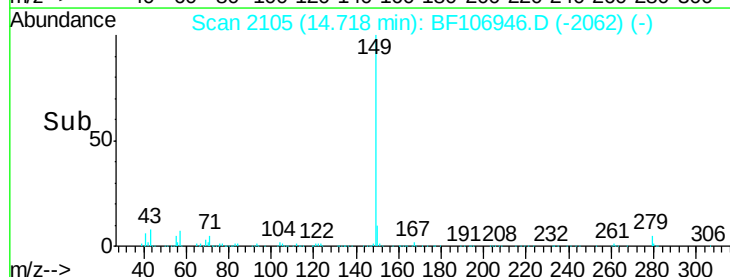
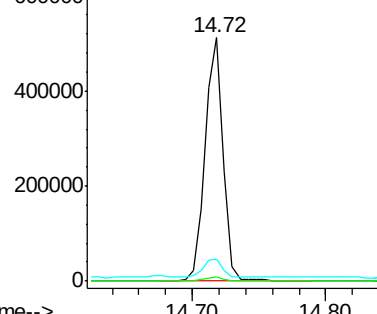


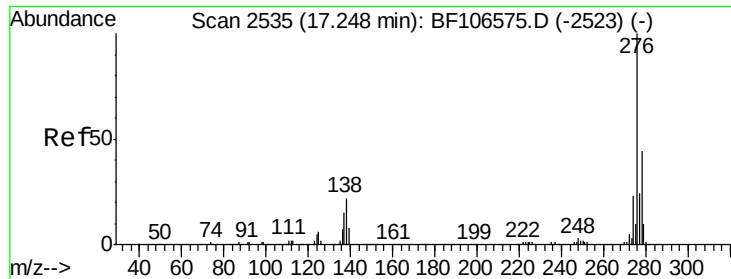
#84
 Di-n-octyl phthalate
 Concen: 48.374 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. -0.05 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion:149 Resp: 479629
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.3 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

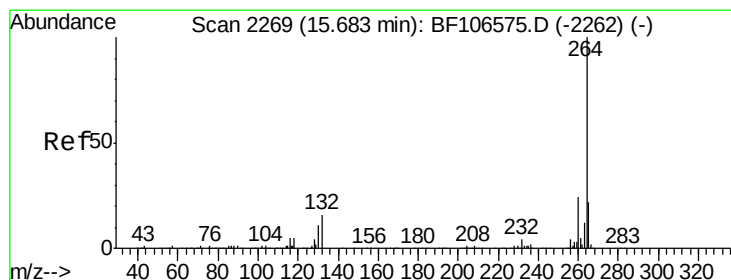
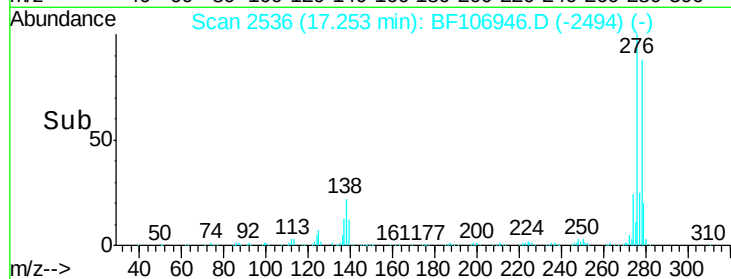
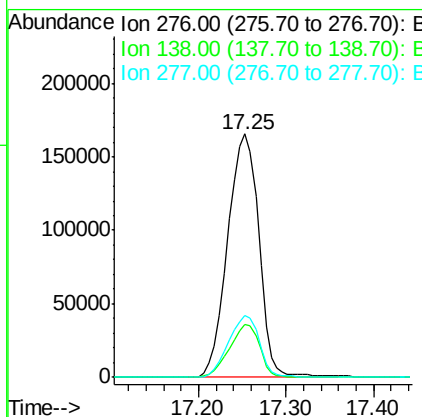
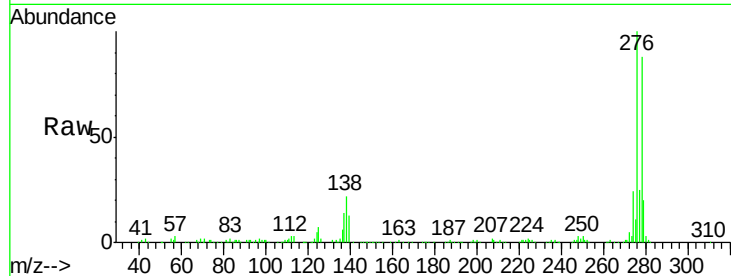




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.168 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. -0.05 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

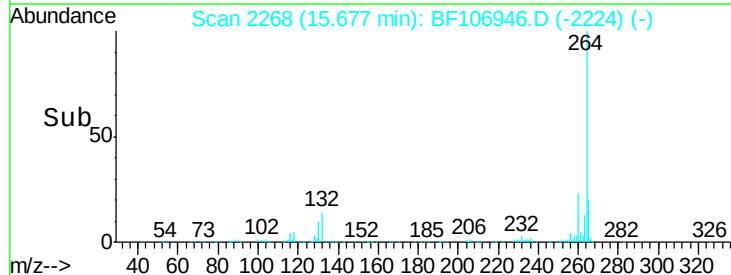
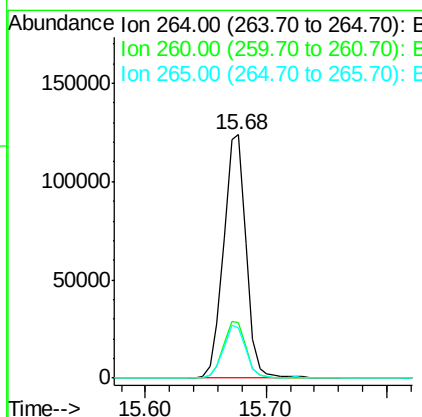
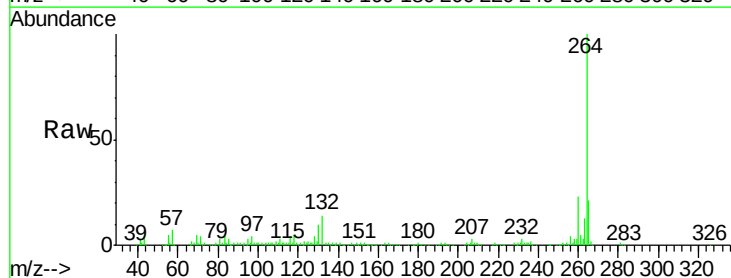
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

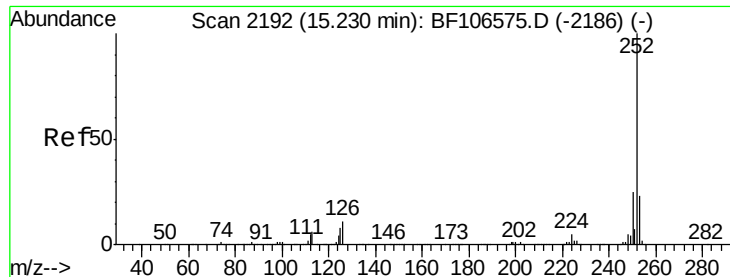
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	25.0	37.6#
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.8	17.5	26.3

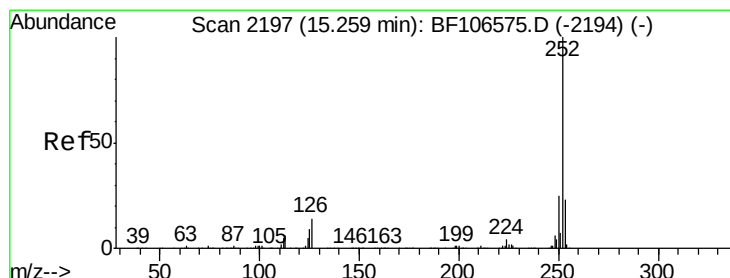
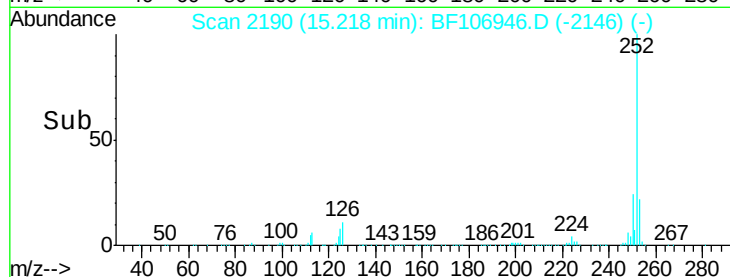
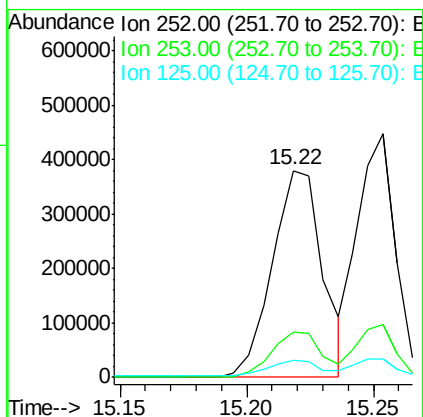
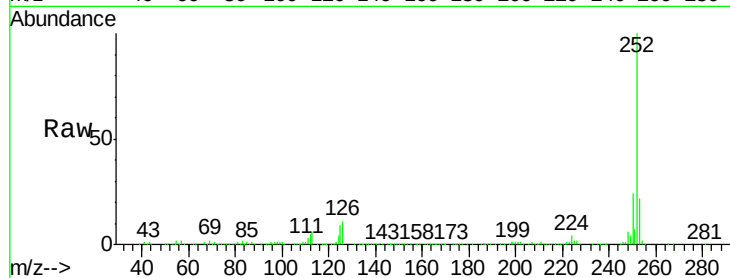




#87
Benzo(b)fluoranthene
Concen: 52.725 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

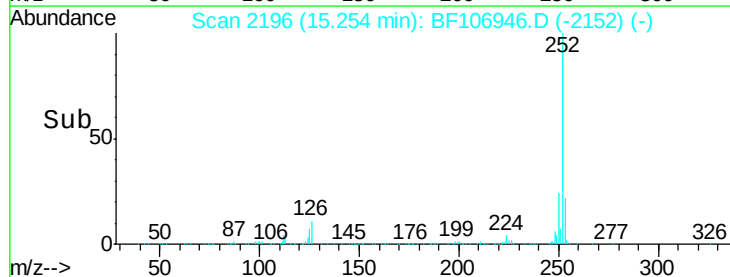
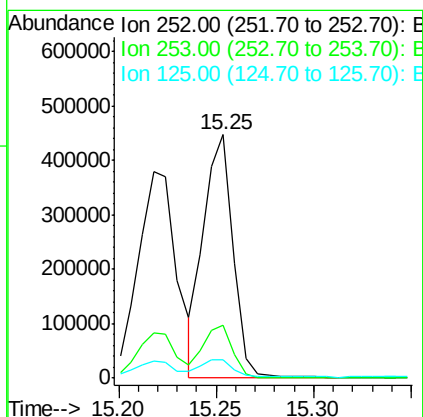
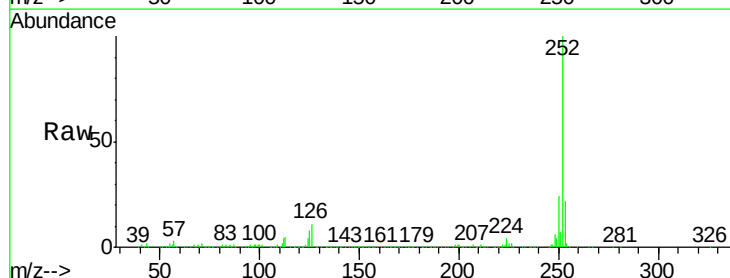
Instrument :
BNA_F
ClientSampleId :
S39-9005MS

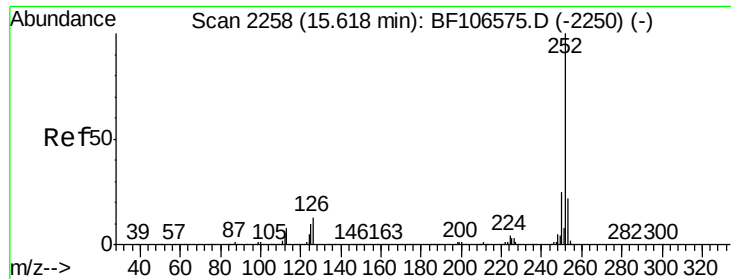
Tgt Ion:252 Resp: 523705
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 8.5 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 49.333 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion:252 Resp: 466638
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 7.7 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 51.434 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS

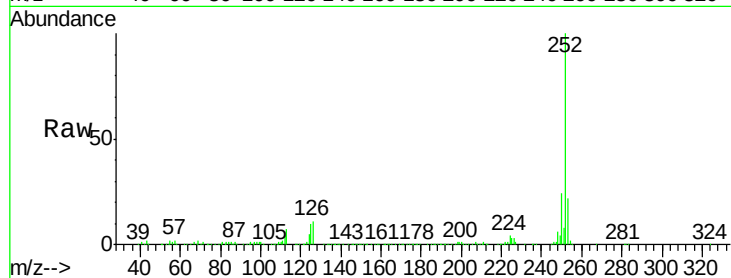
Tgt Ion:252 Resp: 454164

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

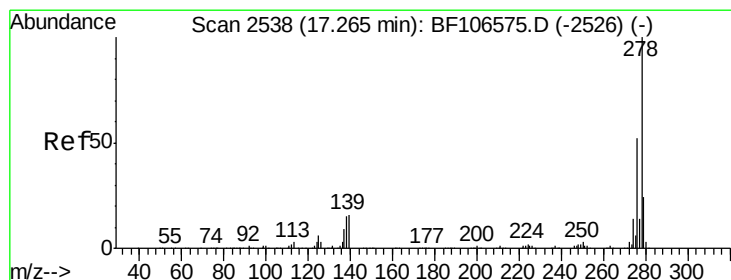
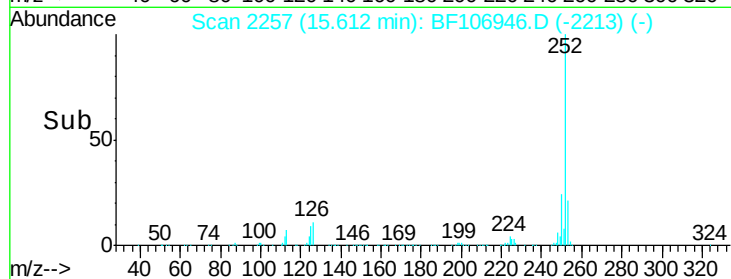
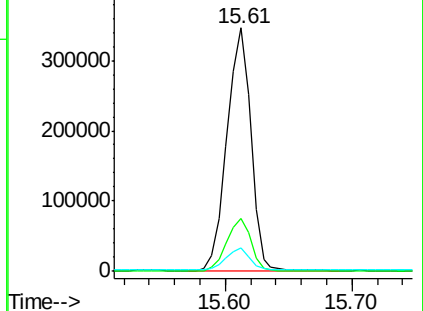
125 9.6 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.968 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.06 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

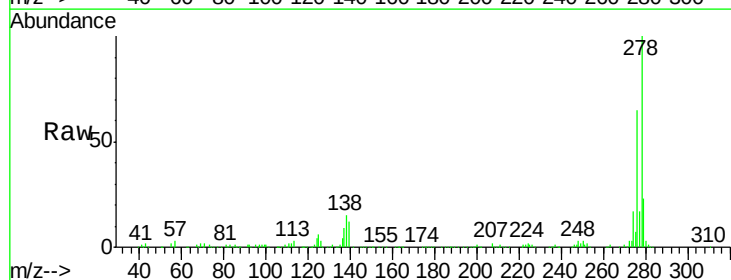
Tgt Ion:278 Resp: 344000

Ion Ratio Lower Upper

278 100

139 12.4 15.9 23.9#

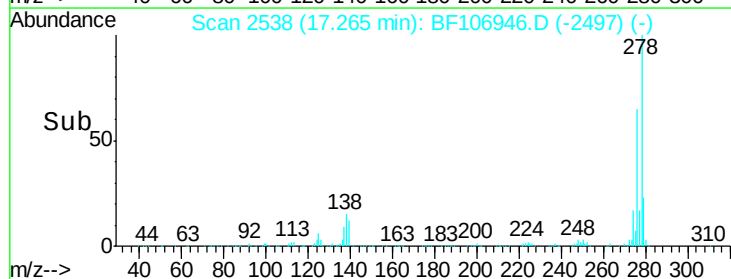
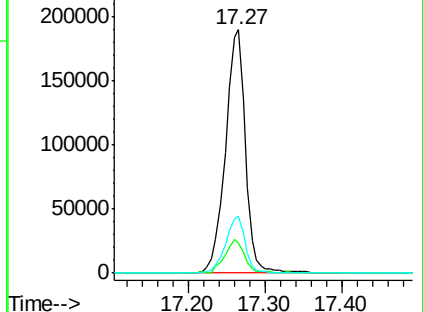
279 23.1 19.0 28.4

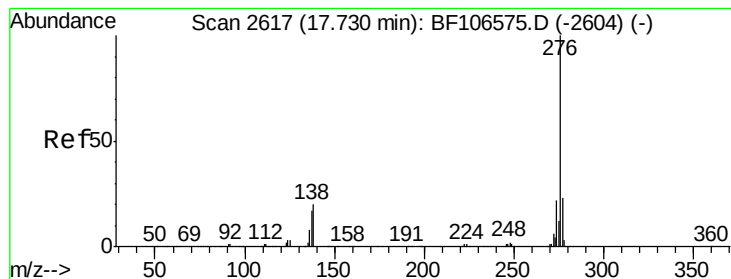


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.634 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.06 min

Lab File: BF106946.D

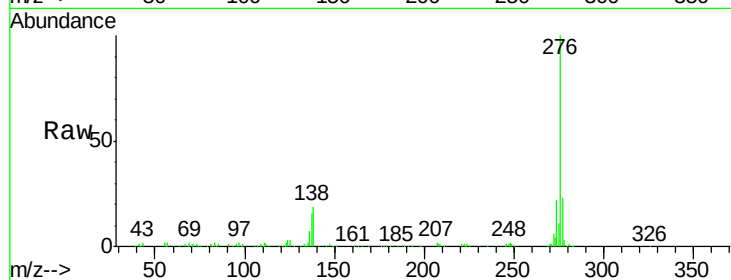
Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

ClientSampleId :

S39-9005MS



Tgt Ion:	276	Resp:	326473
Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	19.0	21.8	32.8#

