

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092126.D
 Acq On : 6 Jan 2017 19:31
 Operator : UM/SJ
 Sample : I1025-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Quant Time: Jan 06 22:14:56 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	160289	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	644857	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	279791	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	377039	20.00	ng	0.00
75) Chrysene-d12	13.79	240	307377	20.00	ng	0.00
86) Perylene-d12	15.16	264	327893	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1862778	194.05	ng	0.03
7) Phenol-d6	6.33	99	1978700	168.83	ng	0.02
23) Nitrobenzene-d5	7.22	82	1514153	130.57	ng	0.01
41) 2,4,6-Tribromophenol	10.47	330	285374	123.25	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1463389	111.13	ng	0.00
78) Terphenyl-d14	12.75	244	1092710	86.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	290058	61.37	ng	97
3) Pyridine	2.80	79	924368	56.04	ng	95
4) n-Nitrosodimethylamine	2.76	42	393100	63.18	ng	99
6) Aniline	6.31	93	323082	21.22	ng	# 44
8) 2-Chlorophenol	6.45	128	643460	58.93	ng	89
9) Benzaldehyde	6.18	77	65665	7.45	ng	99
10) Phenol	6.34	94	971863	72.77	ng	# 68
11) bis(2-Chloroethyl)ether	6.39	93	632120	59.48	ng	98
12) 1,3-Dichlorobenzene	6.58	146	646630	55.47	ng	# 93
13) 1,4-Dichlorobenzene	6.66	146	600904	50.64	ng	95
14) 1,2-Dichlorobenzene	6.81	146	626088	60.81	ng	97
15) Benzyl Alcohol	6.81	79	574114	63.04	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1132115	71.54	ng	74
17) 2-Methylphenol	6.95	107	573319	65.28	ng	97
18) Hexachloroethane	7.16	117	288650	65.62	ng	98
19) n-Nitroso-di-n-propylamine	7.08	70	567369	72.76	ng	98
20) 3+4-Methylphenols	7.11	107	789864	75.41	ng	# 70
22) Acetophenone	7.06	105	1049899	66.01	ng	# 92
24) Nitrobenzene	7.24	77	678683	54.95	ng	98
25) Isophorone	7.49	82	1304486	60.97	ng	97
26) 2-Nitrophenol	7.56	139	321703	52.81	ng	95
27) 2,4-Dimethylphenol	7.62	122	468467	46.37	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	672053	51.80	ng	98
29) 2,4-Dichlorophenol	7.82	162	426765	49.89	ng	94
30) 1,2,4-Trichlorobenzene	7.88	180	495482	52.85	ng	95
31) Naphthalene	7.96	128	1689184	57.23	ng	99
32) Benzoic acid	7.62	122	468467	62.52	ng	# 9
33) 4-Chloroaniline	8.02	127	161186	12.11	ng	# 94
34) Hexachlorobutadiene	8.07	225	269162	54.39	ng	99
35) Caprolactam	8.38	113	132899	47.27	ng	# 58
36) 4-Chloro-3-methylphenol	8.53	107	393843	40.01	ng	99
37) 2-Methylnaphthalene	8.64	142	936366	58.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	448042	63.38	ng	99
40) Hexachlorocyclopentadiene	8.80	237	206281	66.24	ng	97

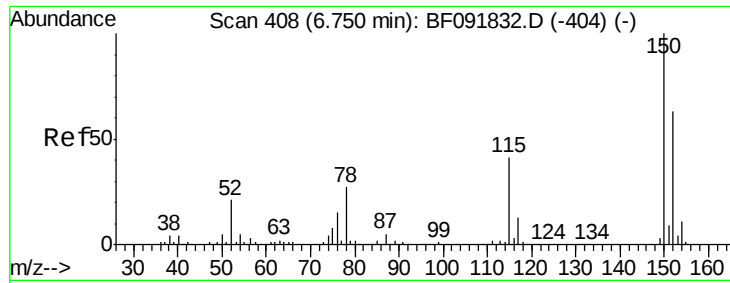
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	263410	53.28	ng	97
43) 2,4,5-Trichlorophenol	9.00	196	238219	46.82	ng #	85
45) 1,1'-Biphenyl	9.11	154	1173307	61.25	ng	99
46) 2-Chloronaphthalene	9.13	162	897443	59.15	ng	98
47) 2-Nitroaniline	9.24	65	244952	45.35	ng	99
48) Acenaphthylene	9.54	152	1304275	55.90	ng	99
49) Dimethylphthalate	9.42	163	1123163	62.76	ng	99
50) 2,6-Dinitrotoluene	9.48	165	192158	49.06	ng #	66
51) Acenaphthene	9.72	154	837256	52.93	ng	99
52) 3-Nitroaniline	9.65	138	152337	31.43	ng	92
53) 2,4-Dinitrophenol	9.76	184	15306	7.02	ng #	74
54) Dibenzofuran	9.89	168	1130846	52.94	ng	97
55) 4-Nitrophenol	9.89	139	729027	221.51	ng #	6
56) 2,4-Dinitrotoluene	9.88	165	238676	48.55	ng #	69
57) Fluorene	10.23	166	831793	53.52	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	184503	45.85	ng #	99
59) Diethylphthalate	10.12	149	897167	51.62	ng	98
60) 4-Chlorophenyl-phenylether	10.22	204	342957	50.40	ng	98
61) 4-Nitroaniline	10.26	138	184340	36.70	ng	76
62) Azobenzene	10.38	77	955397	49.93	ng	99
64) 4,6-Dinitro-2-methylphenol	10.29	198	57638	25.28	ng #	65
65) n-Nitrosodiphenylamine	10.34	169	687660	61.46	ng	99
66) 4-Bromophenyl-phenylether	10.71	248	241121	61.48	ng #	89
67) Hexachlorobenzene	10.78	284	238359	56.86	ng #	83
68) Atrazine	10.88	200	220749	61.17	ng	96
69) Pentachlorophenol	10.97	266	192198	93.43	ng	98
70) Phenanthrene	11.18	178	1047165	51.22	ng	99
71) Anthracene	11.24	178	1166945	Below	Cal	98
72) Carbazole	11.40	167	1016260	Below	Cal	98
73) Di-n-butylphthalate	11.73	149	1210266	64.23	ng	99
74) Fluoranthene	12.37	202	1125806	64.42	ng	91
76) Benzidine	12.49	184	423680	57.70	ng	96
77) Pyrene	12.59	202	1104841	48.99	ng	99
79) Butylbenzylphthalate	13.23	149	557076	54.31	ng #	81
80) Benzo(a)anthracene	13.77	228	1024271	59.03	ng	100
81) 3,3'-Dichlorobenzidine	13.75	252	256827	39.03	ng #	95
82) Chrysene	13.81	228	895261	51.44	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	714067	59.11	ng	98
84) Di-n-octyl phthalate	14.39	149	1315604	58.79	ng	98
85) Indeno(1,2,3-cd)pyrene	16.43	276	907397	60.18	ng	99
87) Benzo(b)fluoranthene	14.78	252	1967254	96.37	ng	100
88) Benzo(k)fluoranthene	14.78	252	1967254	113.01	ng	99
89) Benzo(a)pyrene	15.10	252	941243	51.95	ng	99
90) Dibenzo(a,h)anthracene	16.44	278	734495	49.32	ng	99
91) Benzo(g,h,i)perylene	16.80	276	754328	48.71	ng #	95

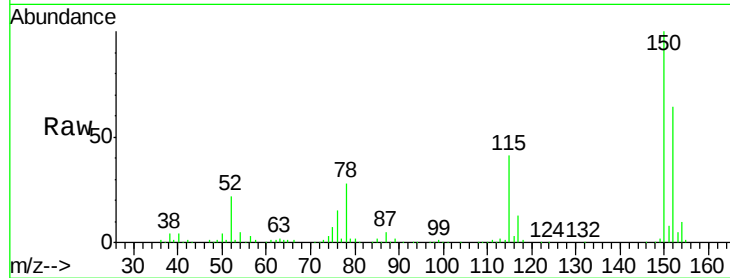
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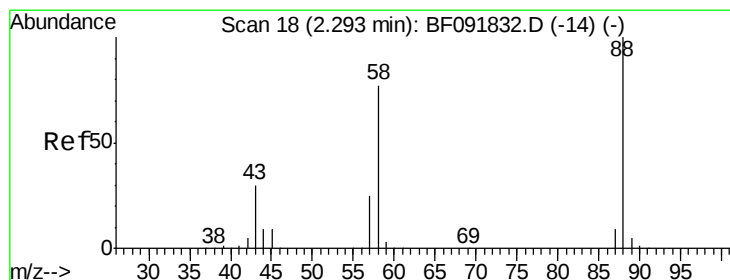
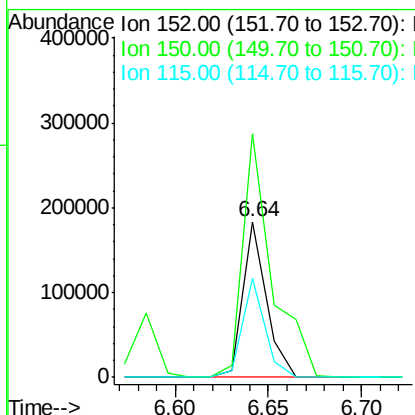
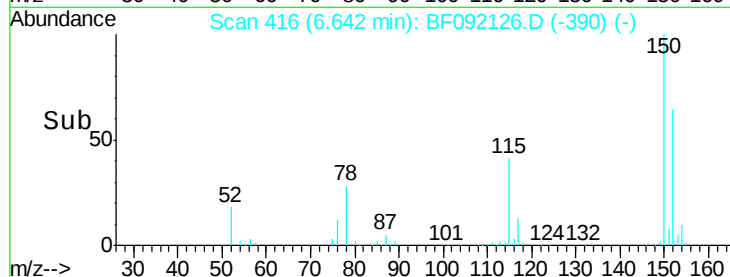
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion:152 Resp: 160289
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.9 187.3
 115 63.5 46.0 69.0

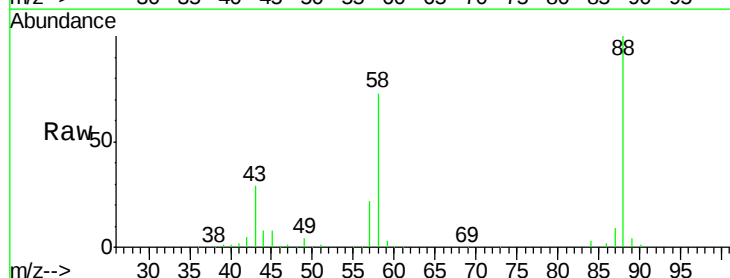


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

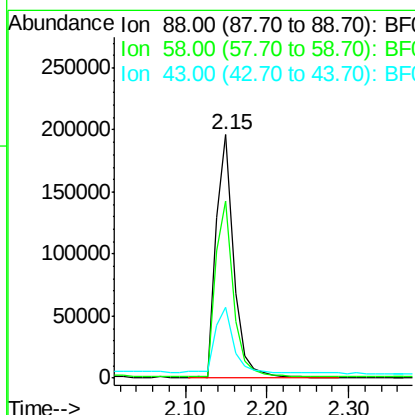
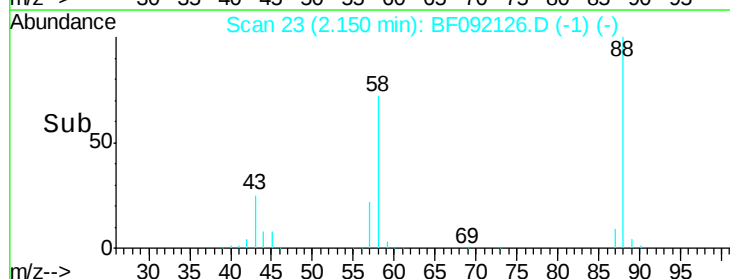


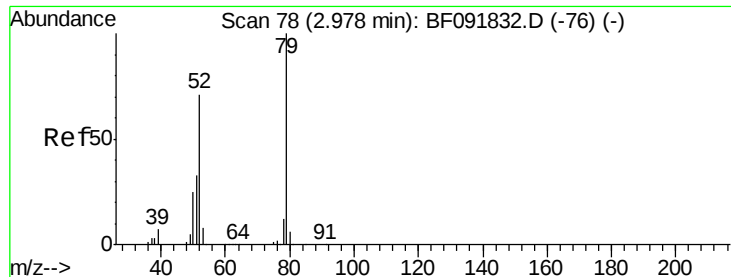
#2
 1,4-Dioxane
 Concen: 61.37 ng
 RT: 2.15 min Scan# 23
 Delta R.T. 0.07 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Tgt Ion: 88 Resp: 290058
 Ion Ratio Lower Upper
 88 100
 58 73.6 57.8 86.8
 43 32.0 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 56.04 ng

RT: 2.80 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

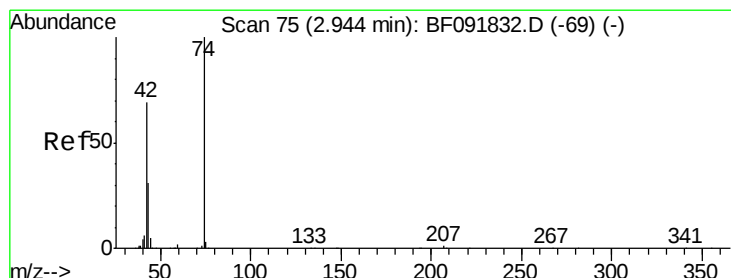
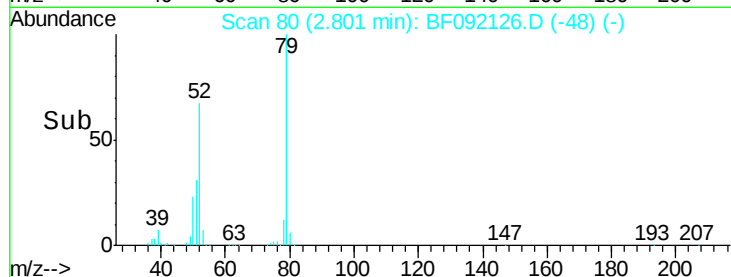
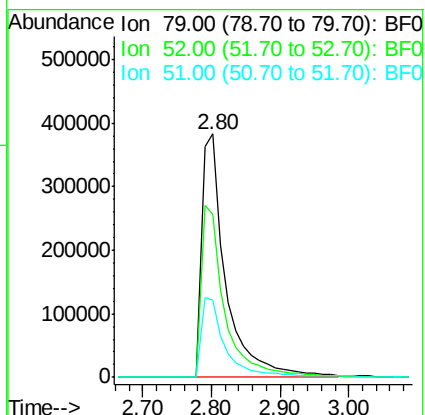
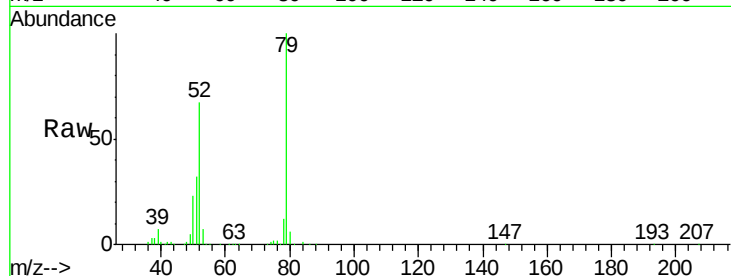
Tgt Ion: 79 Resp: 924368

Ion Ratio Lower Upper

79 100

52 66.9 57.1 85.7

51 31.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 63.18 ng

RT: 2.76 min Scan# 76

Delta R.T. 0.07 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

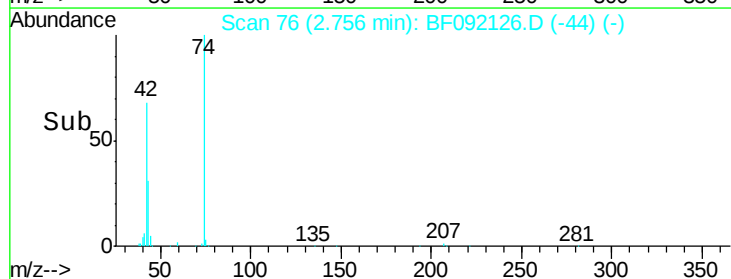
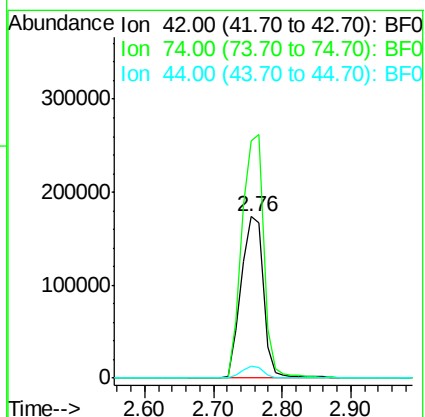
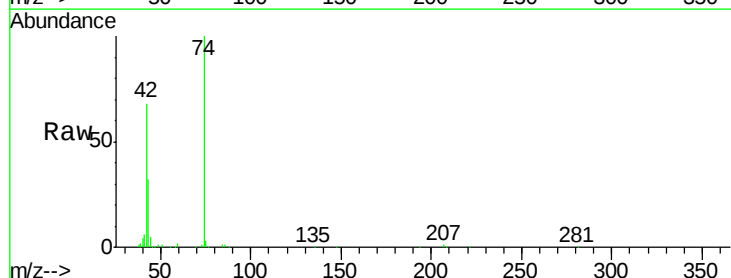
Tgt Ion: 42 Resp: 393100

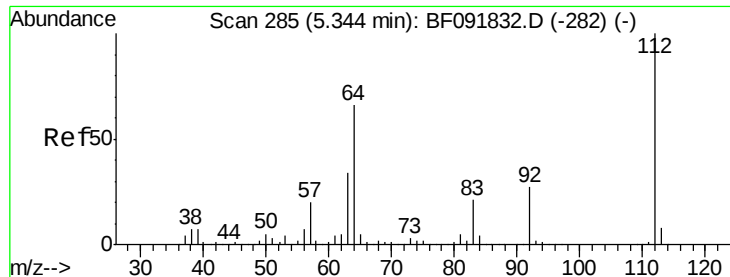
Ion Ratio Lower Upper

42 100

74 146.9 117.0 175.4

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 194.05 ng

RT: 5.27 min Scan# 296

Delta R.T. 0.03 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

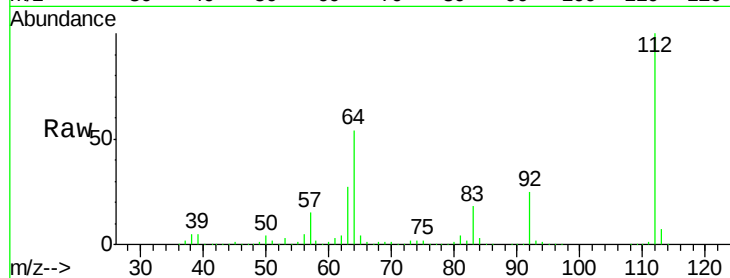
Tgt Ion: 112 Resp: 1862778

Ion Ratio Lower Upper

112 100

64 53.7 46.1 69.1

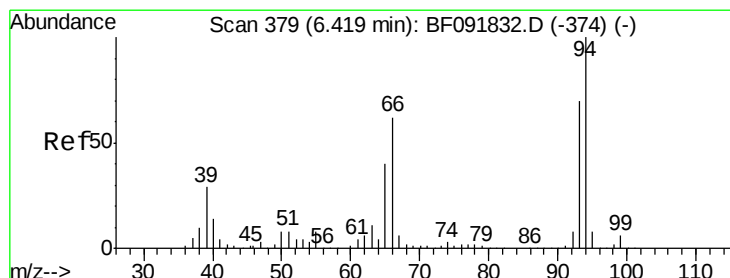
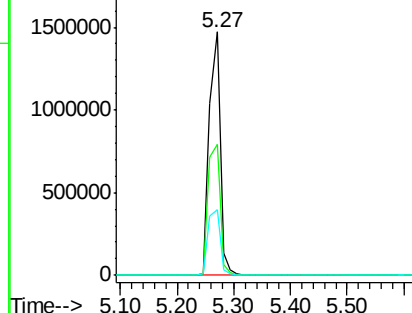
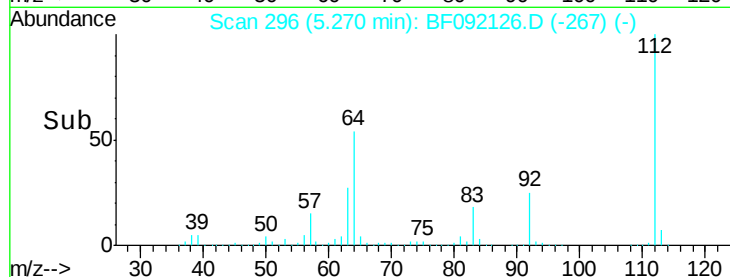
63 27.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.22 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

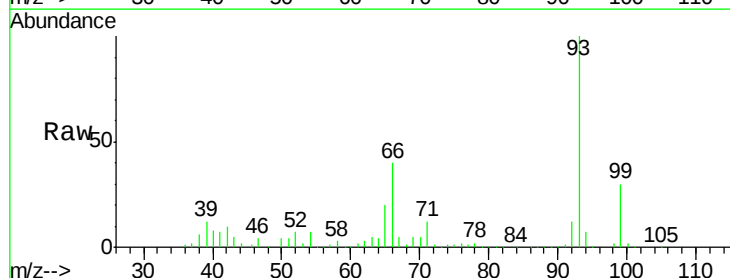
Tgt Ion: 93 Resp: 323082

Ion Ratio Lower Upper

93 100

66 39.9 76.2 114.2#

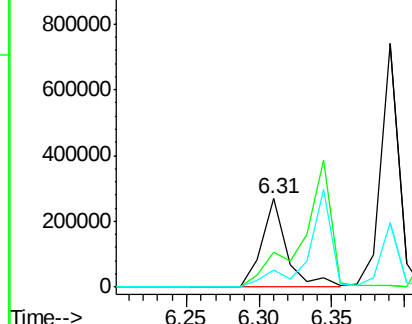
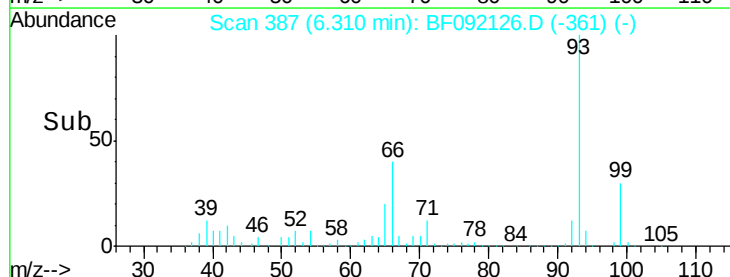
65 19.5 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 168.83 ng

RT: 6.33 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

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ClientSampleId :

TP7-8-COMP10MSD

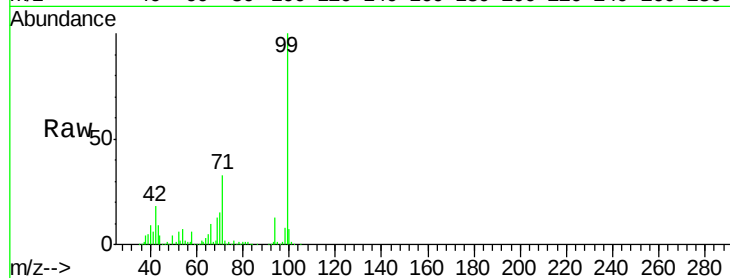
Tgt Ion: 99 Resp: 1978700

Ion Ratio Lower Upper

99 100

42 17.8 15.6 23.4

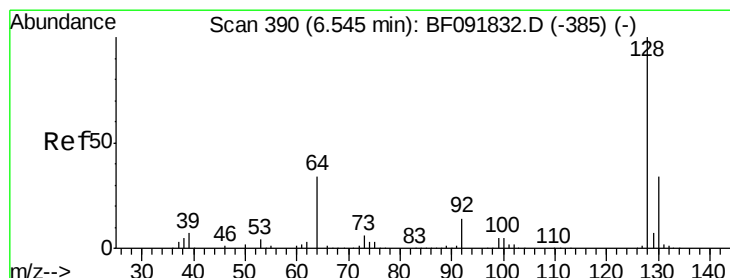
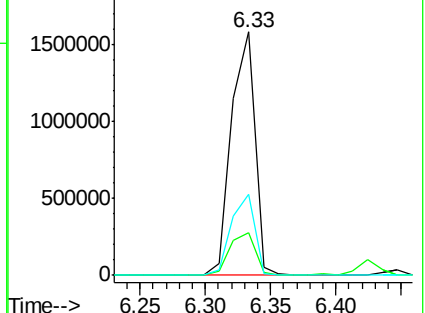
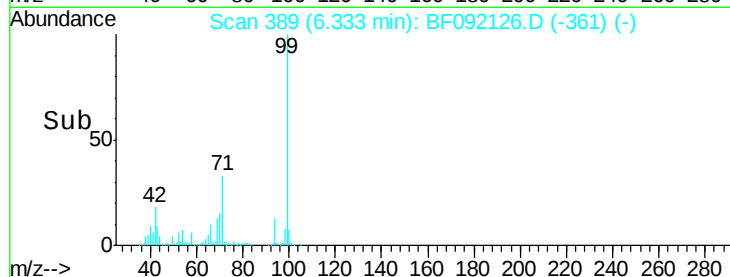
71 33.1 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 58.93 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

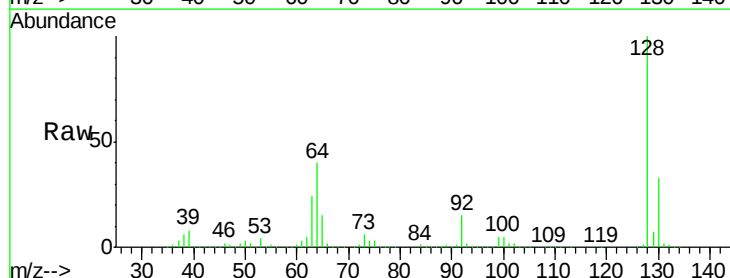
Tgt Ion: 128 Resp: 643460

Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

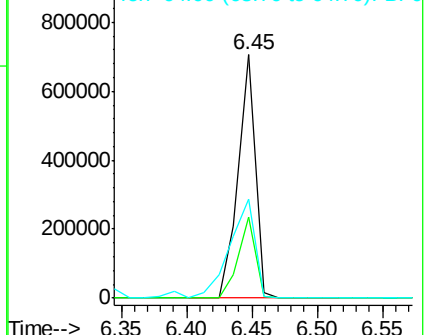
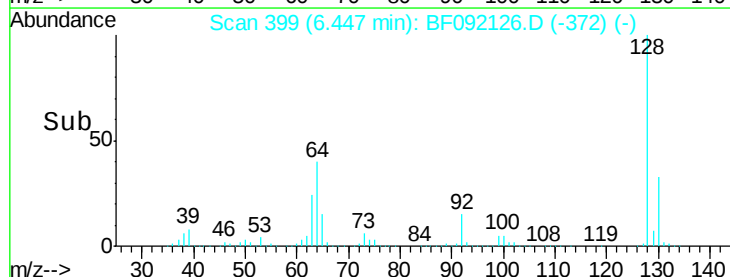
64 40.4 32.2 72.2

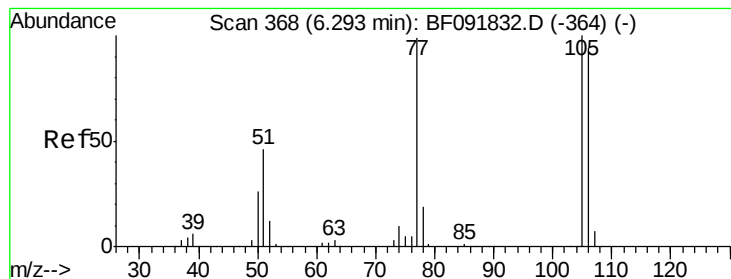


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.45 ng

RT: 6.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

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TP7-8-COMP10MSD

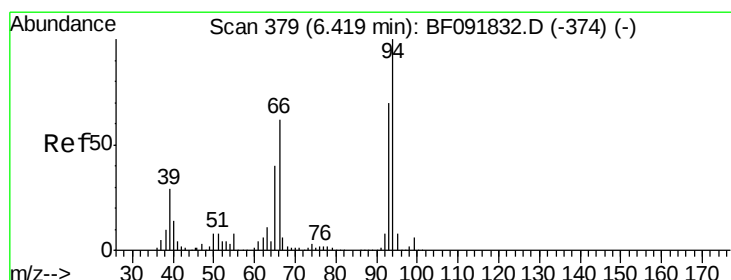
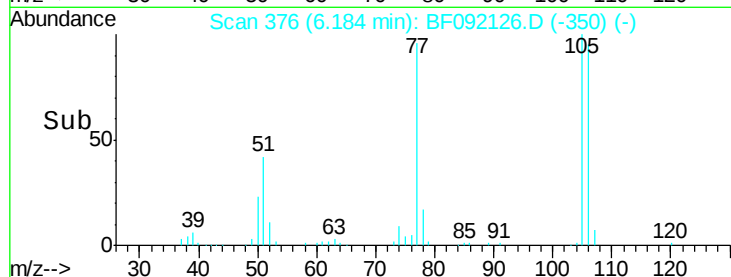
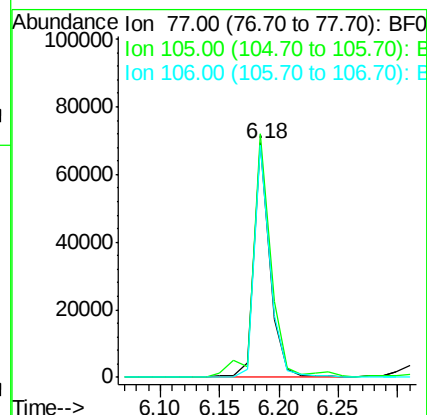
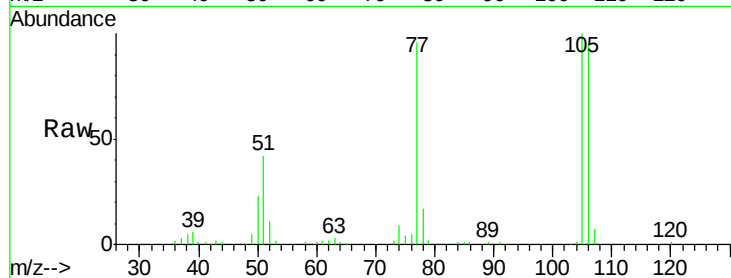
Tgt Ion: 77 Resp: 65665

Ion Ratio Lower Upper

77 100

105 103.9 83.9 123.9

106 98.9 77.6 117.6



#10

Phenol

Concen: 72.77 ng

RT: 6.34 min Scan# 390

Delta R.T. 0.02 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

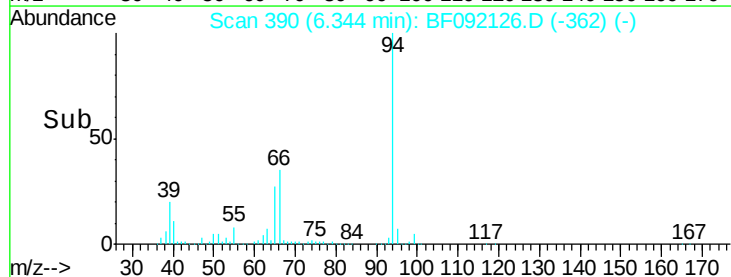
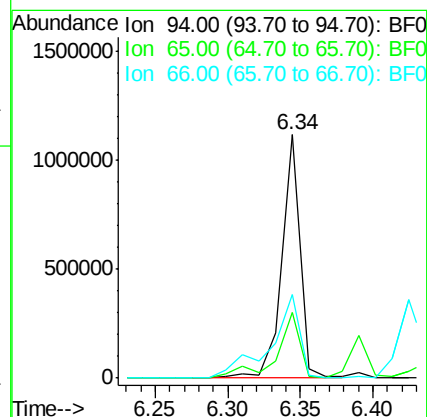
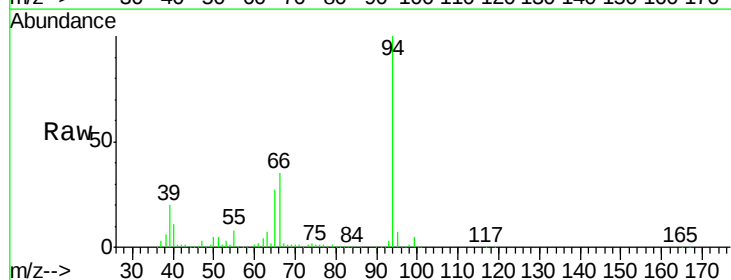
Tgt Ion: 94 Resp: 971863

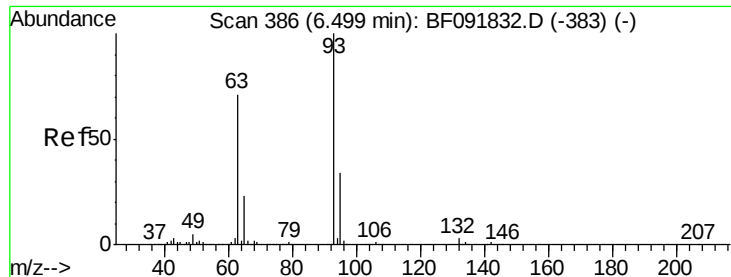
Ion Ratio Lower Upper

94 100

65 26.8 21.4 61.4

66 34.6 44.0 84.0#

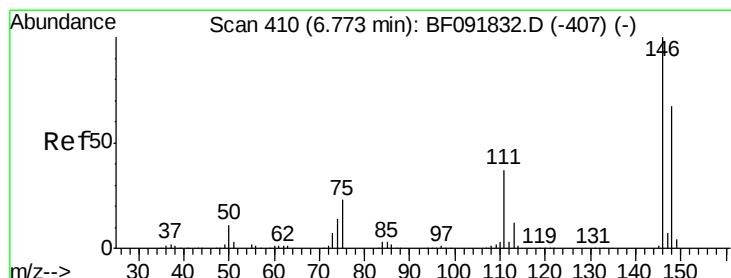
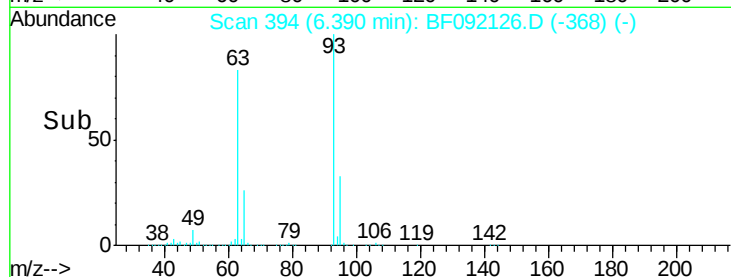
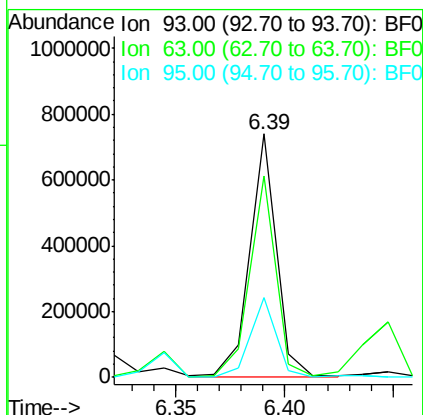
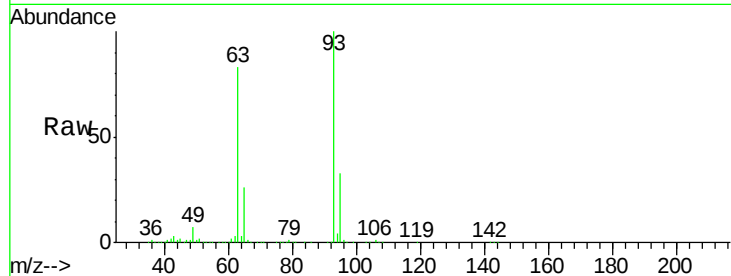




#11
 bis(2-Chloroethyl)ether
 Concen: 59.48 ng
 RT: 6.39 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

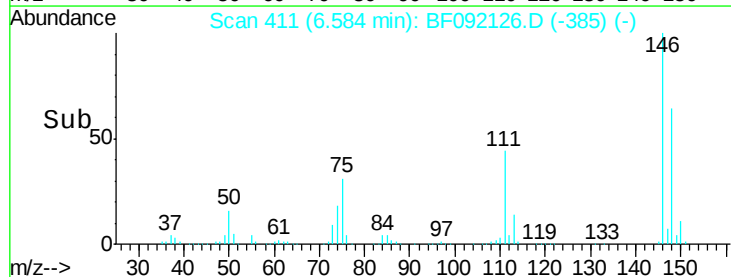
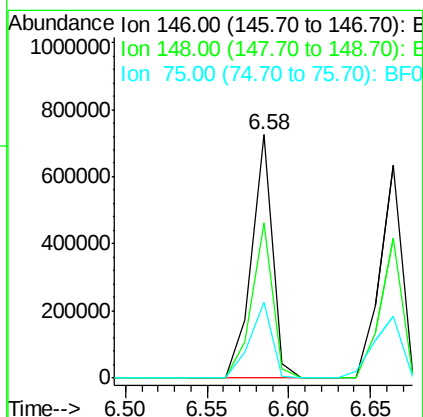
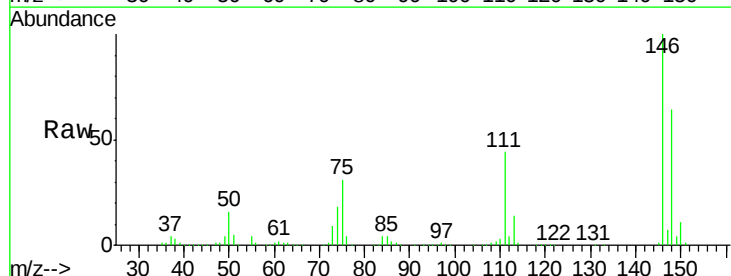
Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

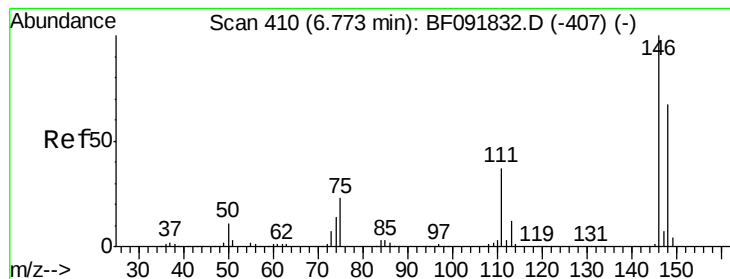
Tgt Ion:	93	Resp:	632120
Ion	Ratio	Lower	Upper
93	100		
63	82.7	60.4	100.4
95	32.8	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 55.47 ng
 RT: 6.58 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Tgt Ion:	146	Resp:	646630
Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.4	80.0
75	31.4	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 50.64 ng

RT: 6.66 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

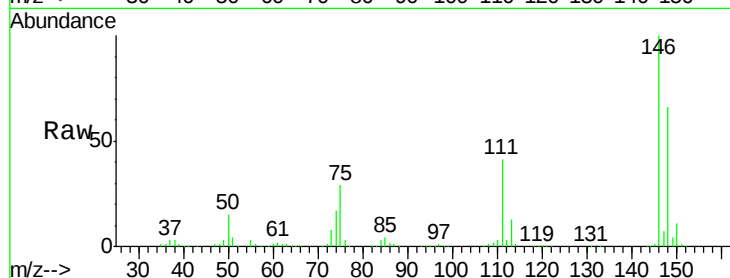
Tgt Ion:146 Resp: 600904

Ion Ratio Lower Upper

146 100

148 65.5 50.6 76.0

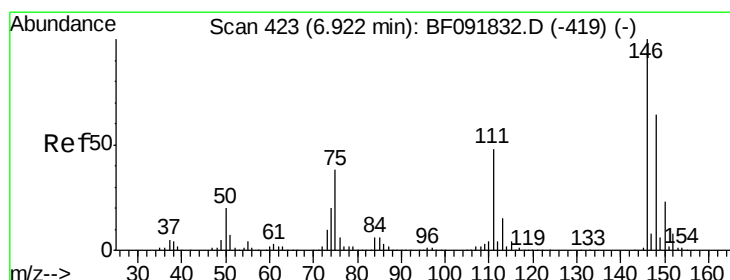
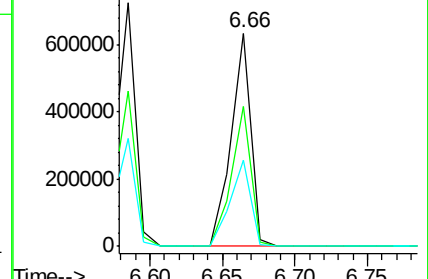
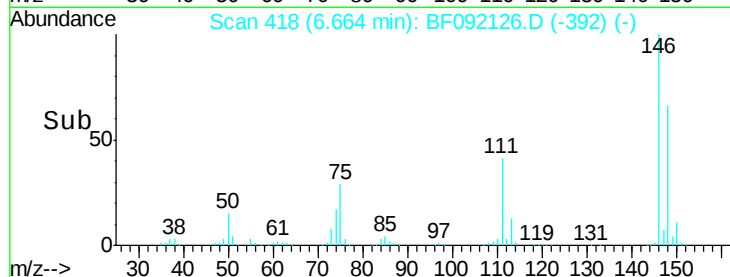
111 40.6 36.2 54.4



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: 60.81 ng

RT: 6.81 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

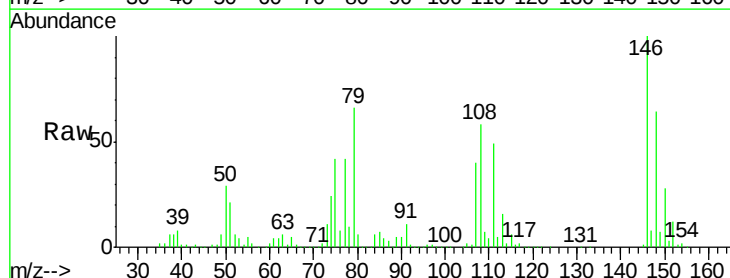
Tgt Ion:146 Resp: 626088

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

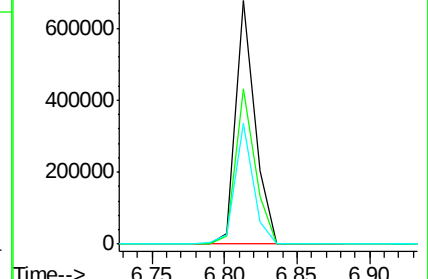
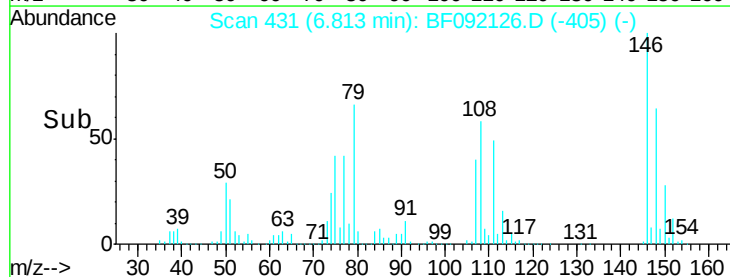
111 49.4 36.2 54.2

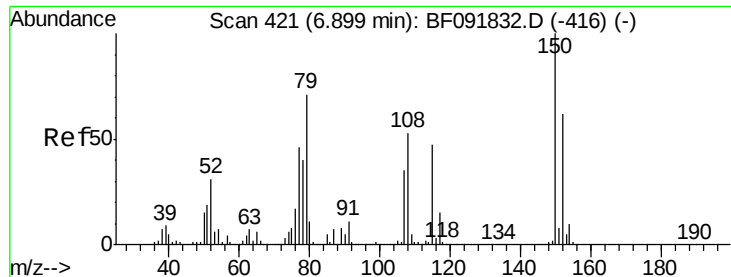


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 63.04 ng

RT: 6.81 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

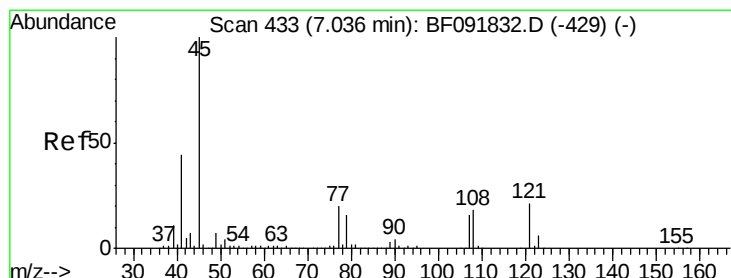
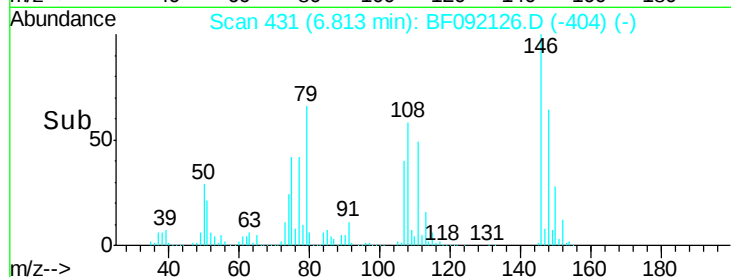
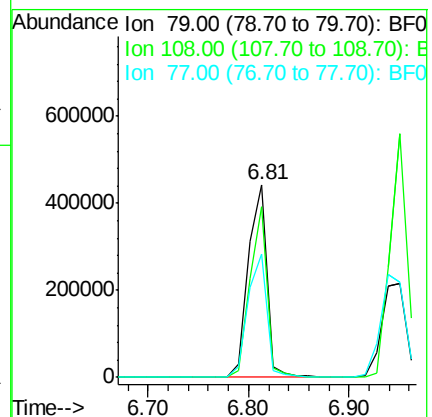
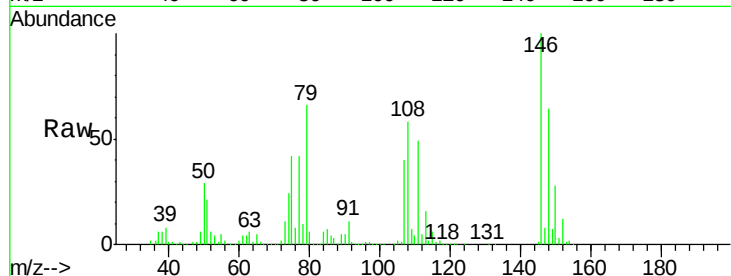
Tgt Ion: 79 Resp: 574114

Ion Ratio Lower Upper

79 100

108 88.6 61.4 92.0

77 63.7 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.54 ng

RT: 6.94 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

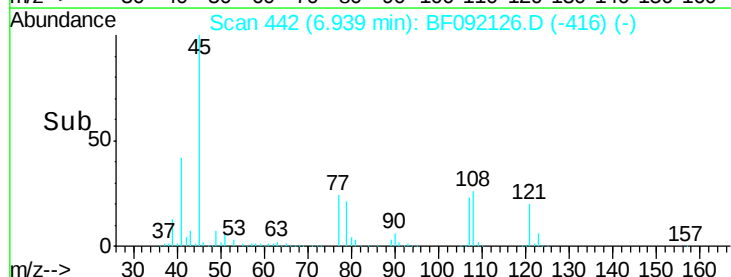
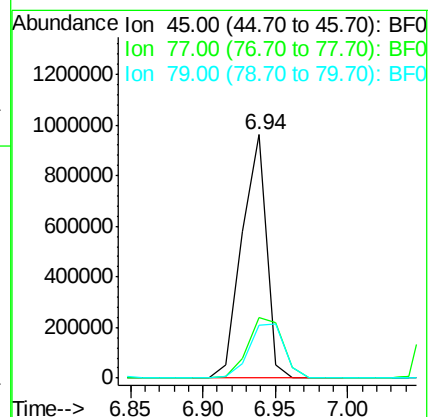
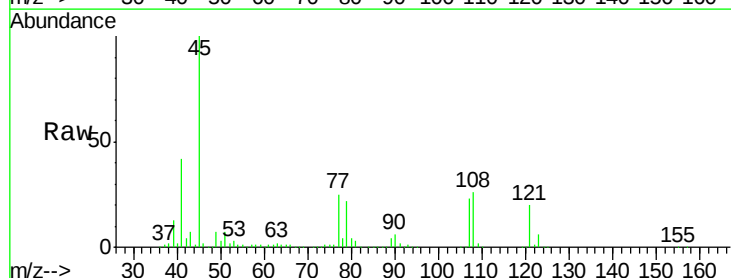
Tgt Ion: 45 Resp: 1132115

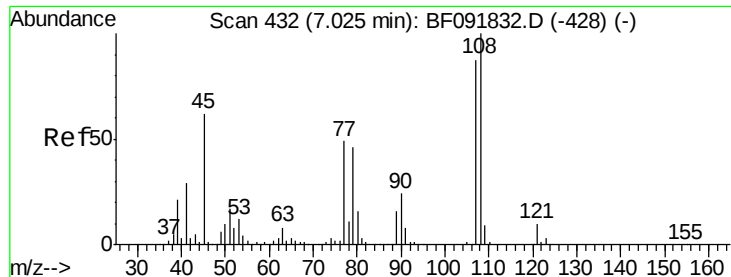
Ion Ratio Lower Upper

45 100

77 24.7 0.0 34.6

79 21.9 0.0 31.2

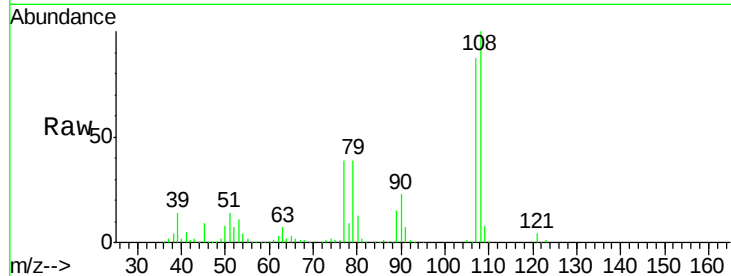




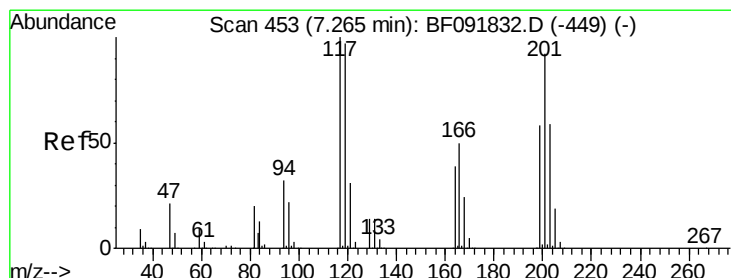
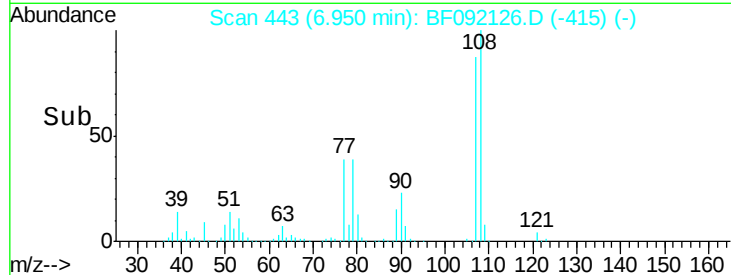
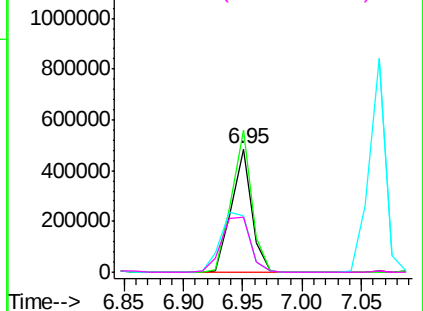
#17
2-Methylphenol
Concen: 65.28 ng
RT: 6.95 min Scan# 443
Delta R.T. 0.02 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tgt Ion:107 Resp: 573319
Ion Ratio Lower Upper
107 100
108 115.5 93.0 139.6
77 45.3 39.8 59.8
79 44.7 38.0 57.0

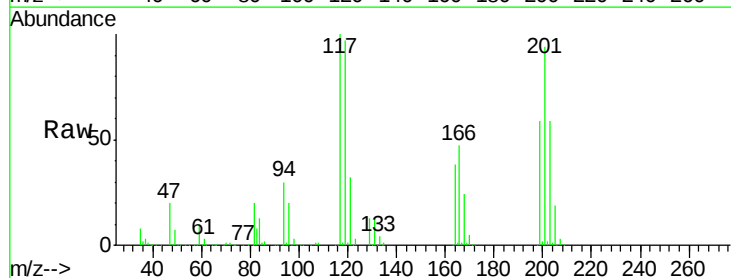


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

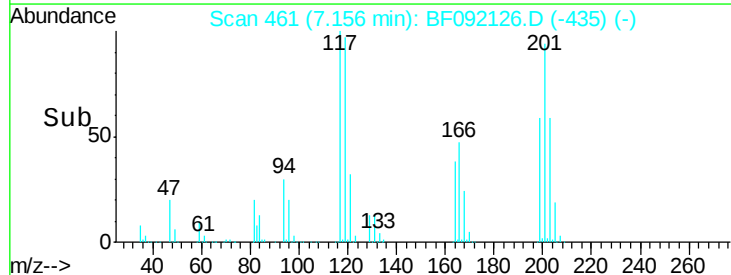
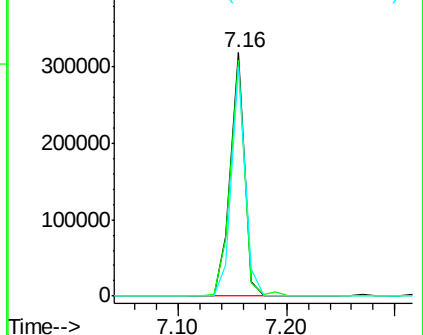


#18
Hexachloroethane
Concen: 65.62 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion:117 Resp: 288650
Ion Ratio Lower Upper
117 100
119 97.2 78.1 117.1
201 94.2 78.6 117.8



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

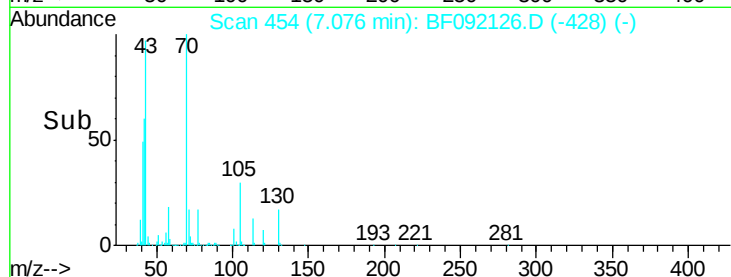
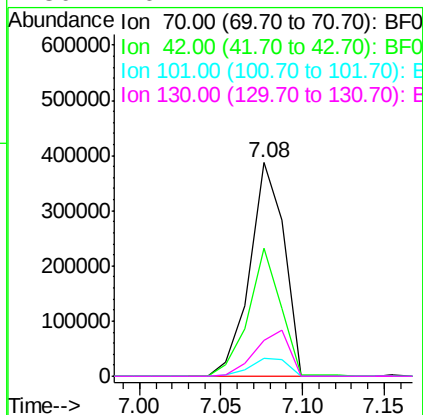
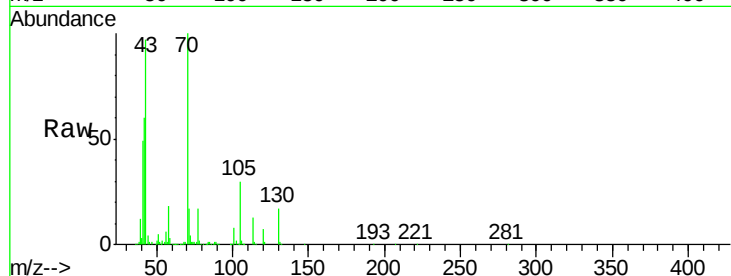




#19
n-Nitroso-di-n-propylamine
Concen: 72.76 ng
RT: 7.08 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

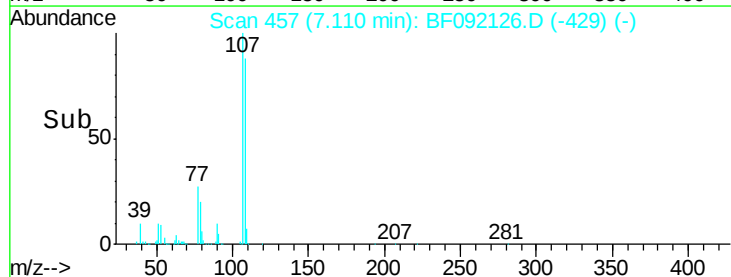
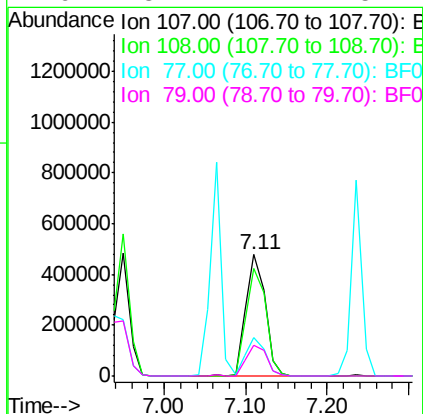
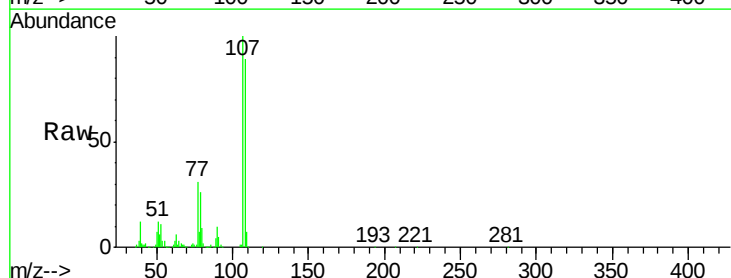
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

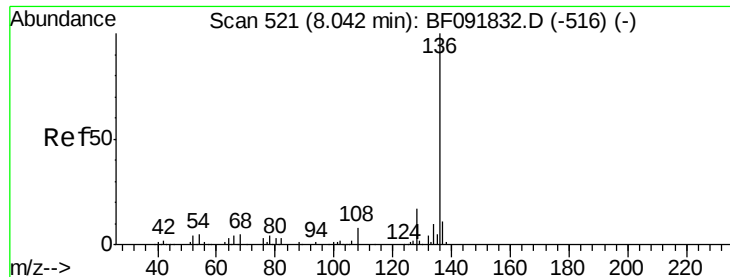
Tgt Ion:	70	Resp:	567369
Ion	Ratio	Lower	Upper
70	100		
42	60.1	49.4	74.0
101	8.3	7.4	11.2
130	16.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 75.41 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.02 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion:	107	Resp:	789864
Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.0	113.0
77	31.4	71.3	111.3
79	25.7	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tgt Ion:136 Resp: 644857

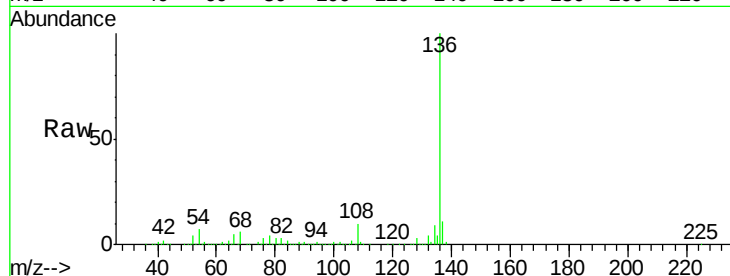
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 7.2 4.5 6.7#

68 5.8 3.6 5.4#

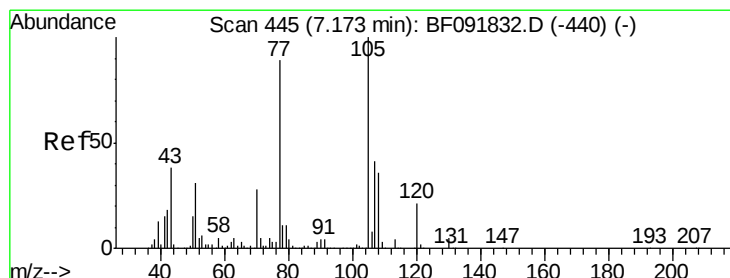
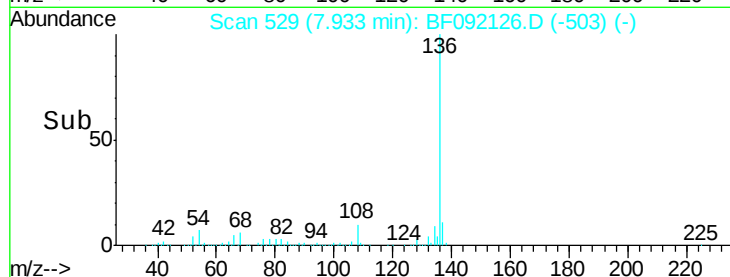
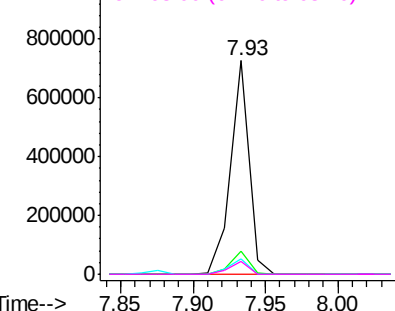


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 66.01 ng

RT: 7.06 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Tgt Ion:105 Resp: 1049899

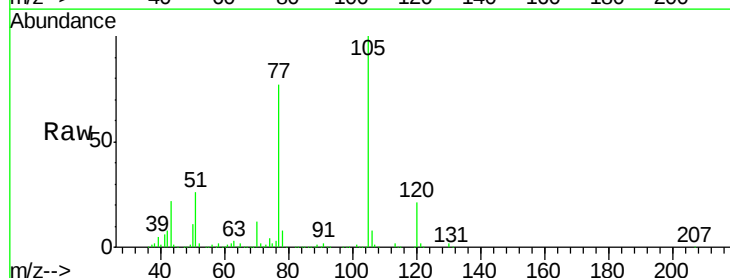
Ion Ratio Lower Upper

105 100

71 1.9 3.2 4.8#

51 25.6 26.2 39.4#

120 21.4 16.6 24.8

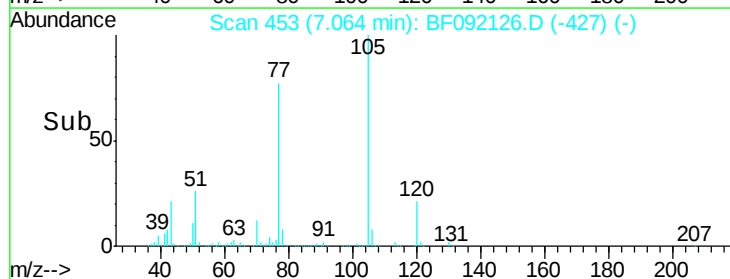
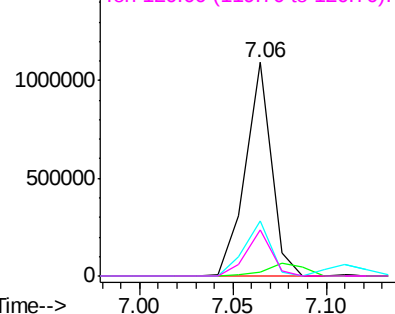


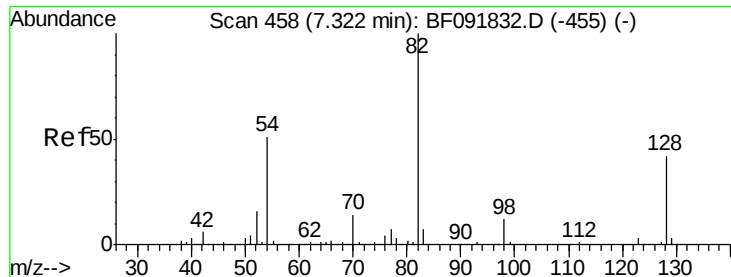
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

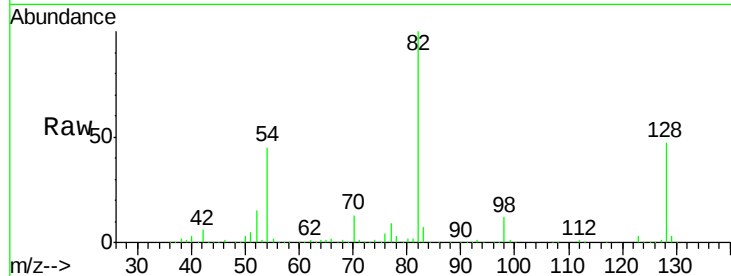




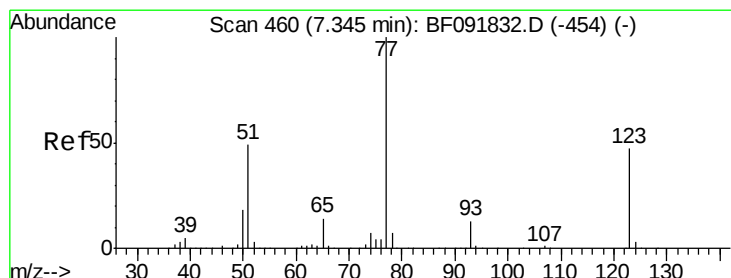
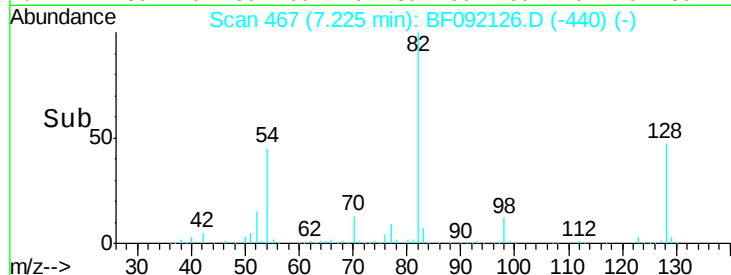
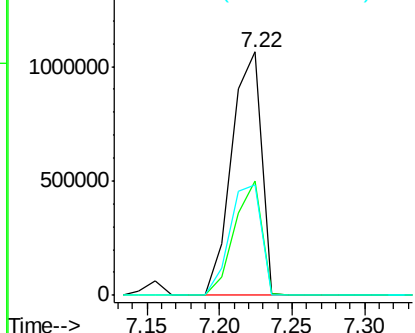
#23
 Nitrobenzene-d5
 Concen: 130.57 ng
 RT: 7.22 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion: 82 Resp: 1514153
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.6 52.0
 54 45.5 39.5 59.3

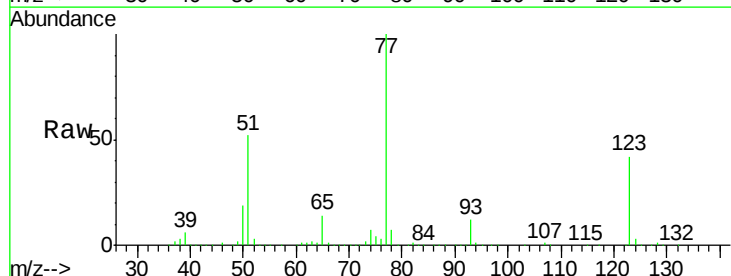


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

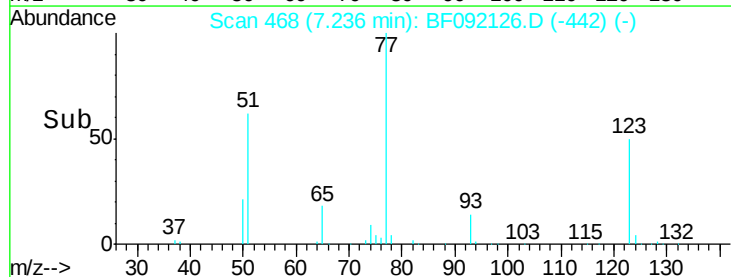
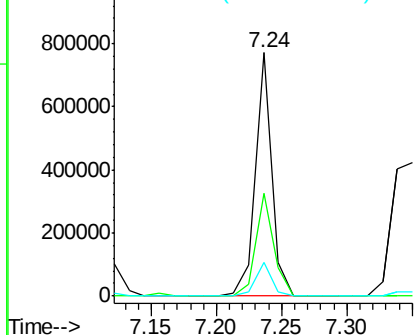


#24
 Nitrobenzene
 Concen: 54.95 ng
 RT: 7.24 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Tgt Ion: 77 Resp: 678683
 Ion Ratio Lower Upper
 77 100
 123 42.4 33.0 49.4
 65 13.9 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 60.97 ng

RT: 7.49 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

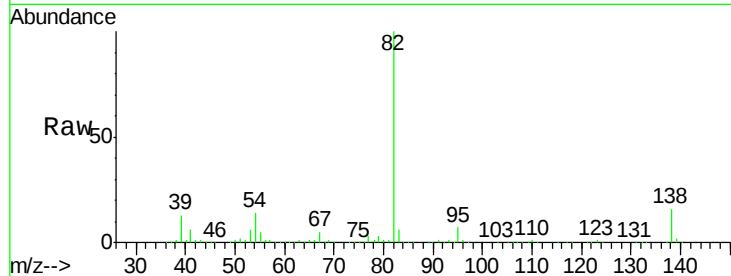
Tgt Ion: 82 Resp: 1304486

Ion Ratio Lower Upper

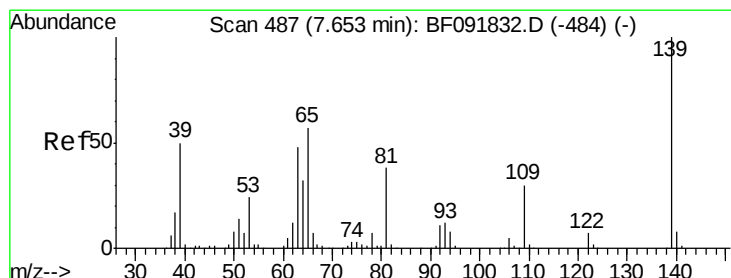
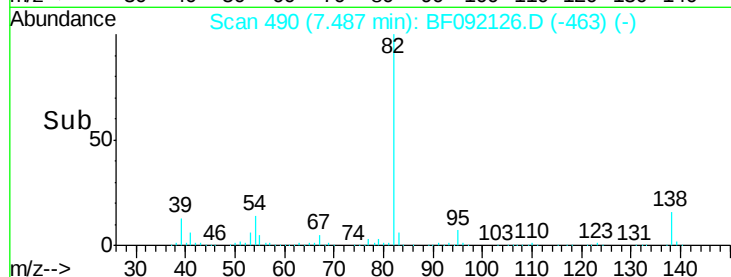
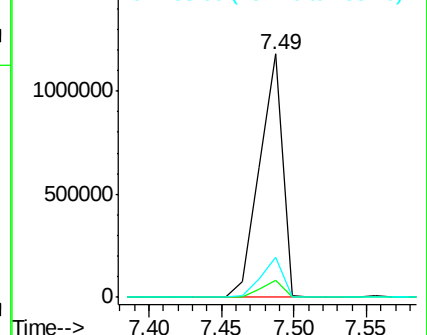
82 100

95 7.1 5.6 8.4

138 16.4 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 52.81 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

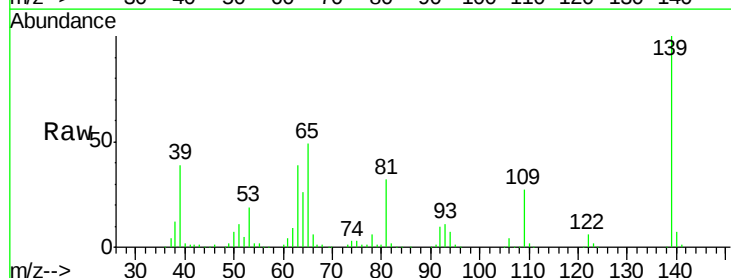
Tgt Ion: 139 Resp: 321703

Ion Ratio Lower Upper

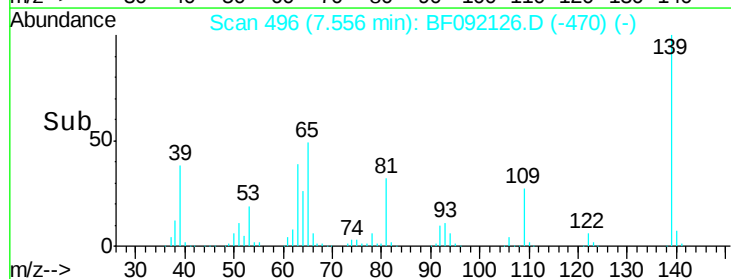
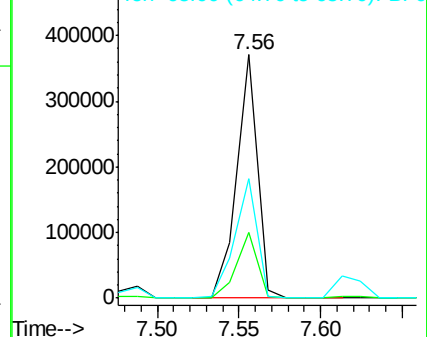
139 100

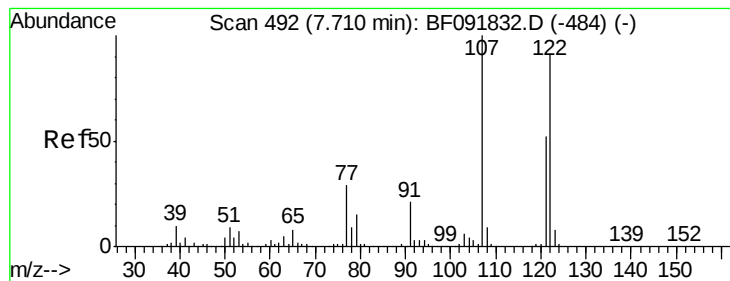
109 27.0 23.3 34.9

65 49.1 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 46.37 ng

RT: 7.62 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

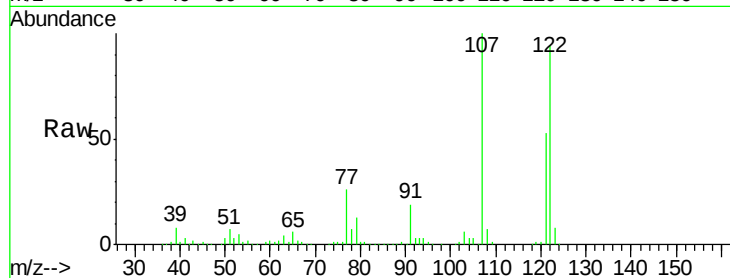
Tgt Ion:122 Resp: 468467

Ion Ratio Lower Upper

122 100

107 106.9 94.1 141.1

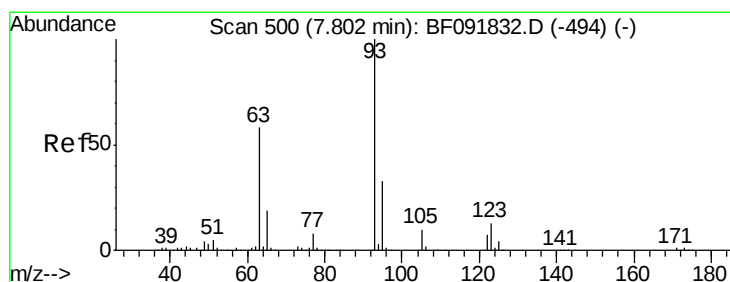
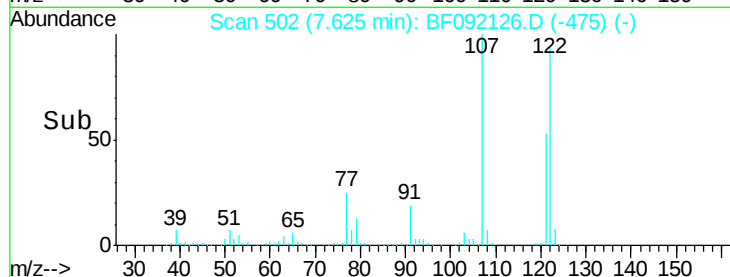
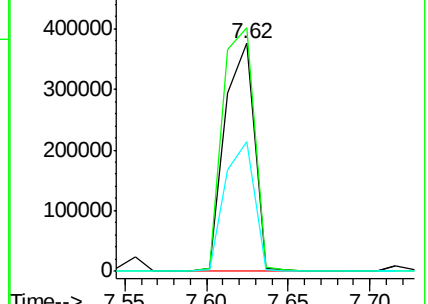
121 57.1 46.0 69.0



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: 51.80 ng

RT: 7.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

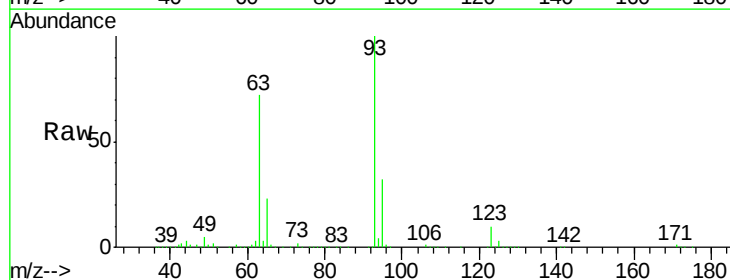
Tgt Ion: 93 Resp: 672053

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

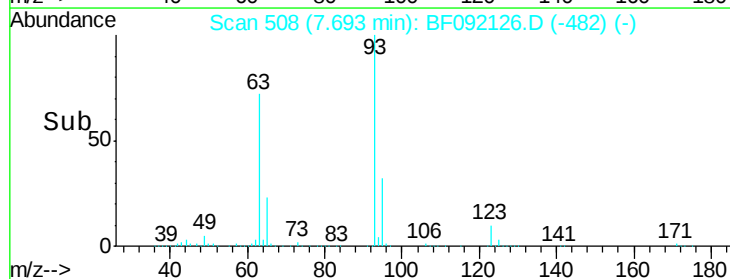
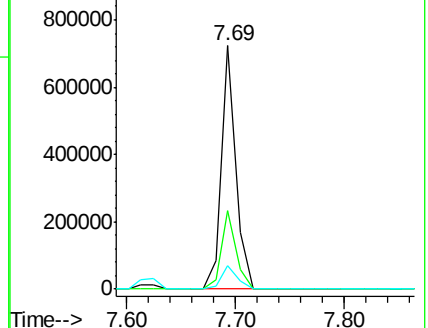
123 9.8 8.6 13.0

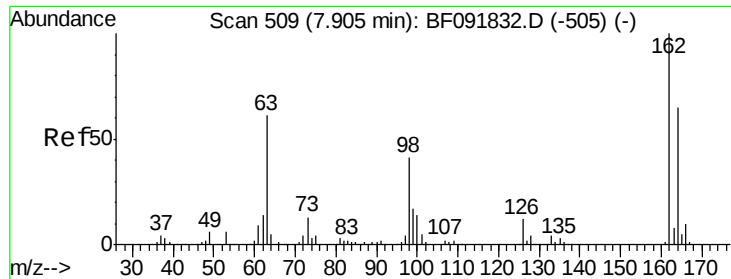


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

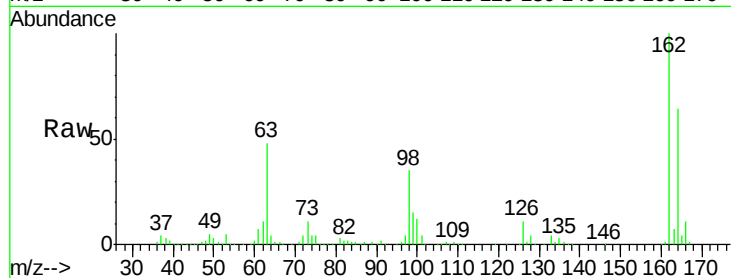




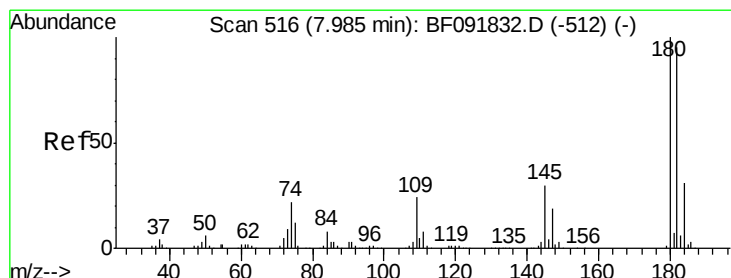
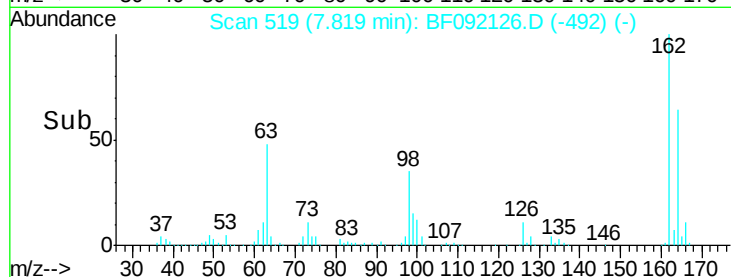
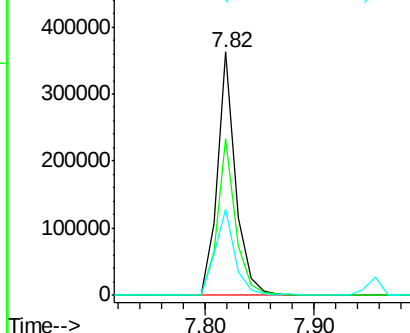
#29
 2,4-Dichlorophenol
 Concen: 49.89 ng
 RT: 7.82 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.8	86.8
98	35.2	9.1	49.1

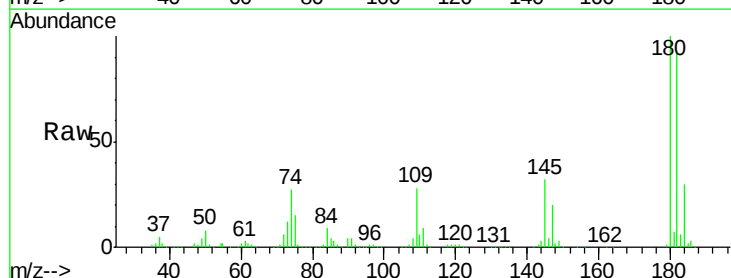


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

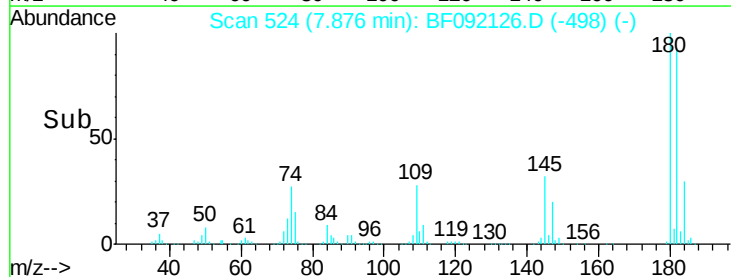
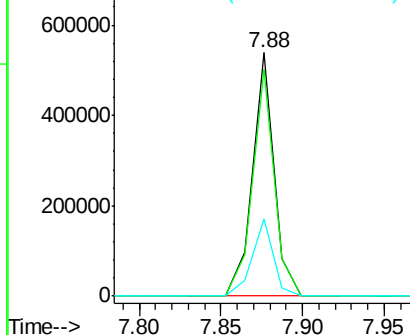


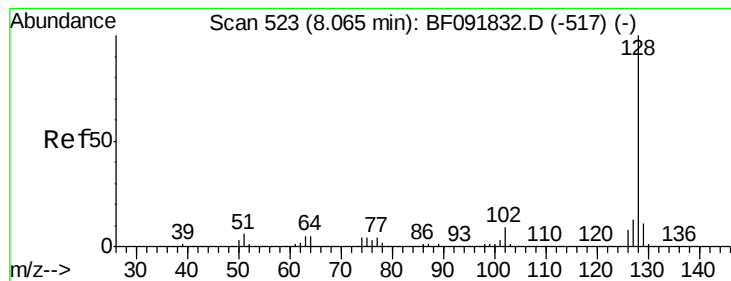
#30
 1,2,4-Trichlorobenzene
 Concen: 52.85 ng
 RT: 7.88 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	78.2	117.4
145	31.9	21.6	32.4



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: 57.23 ng

RT: 7.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

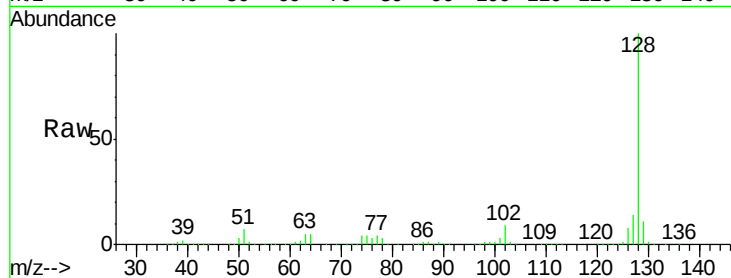
Tgt Ion:128 Resp: 1689184

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

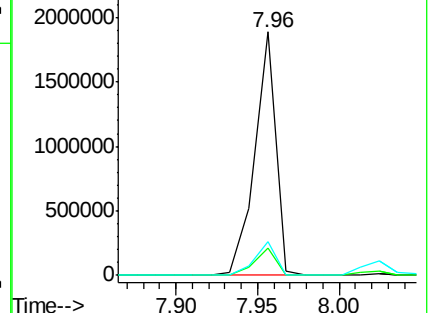
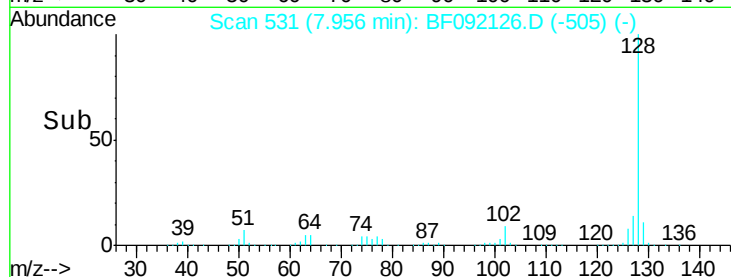
127 13.6 10.8 16.2



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: 62.52 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.13 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

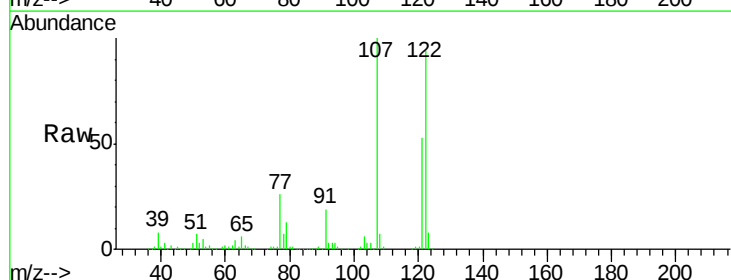
Tgt Ion:122 Resp: 468467

Ion Ratio Lower Upper

122 100

105 3.3 107.2 147.2#

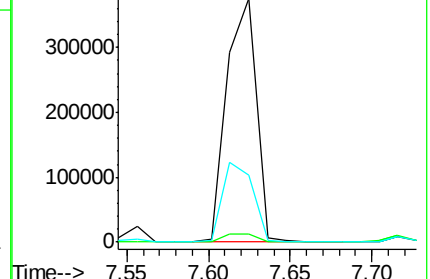
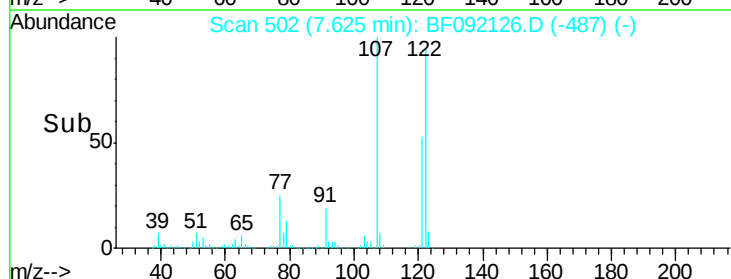
77 27.3 74.5 114.5#

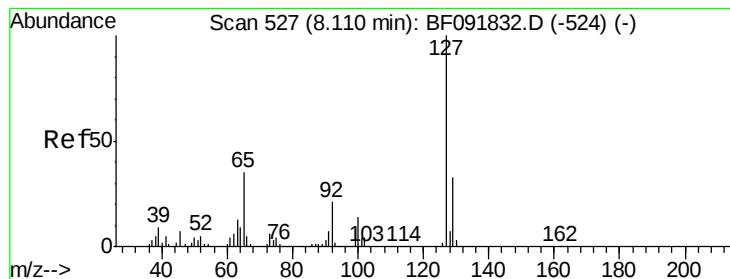


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 12.11 ng

RT: 8.02 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

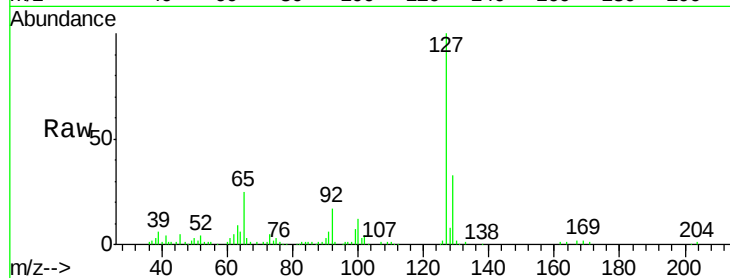
Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tgt Ion:	127	Resp:	161186
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	25.4	25.8	38.8#
92	16.8	16.1	24.1

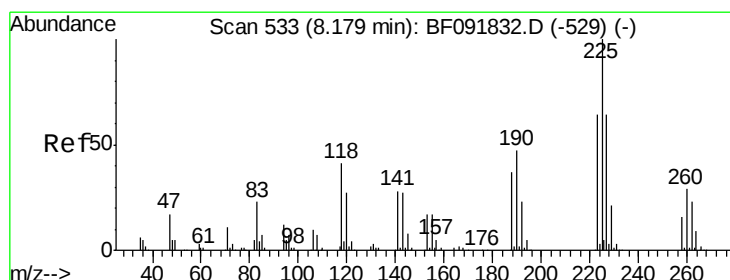
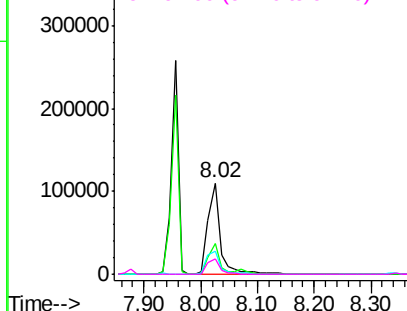
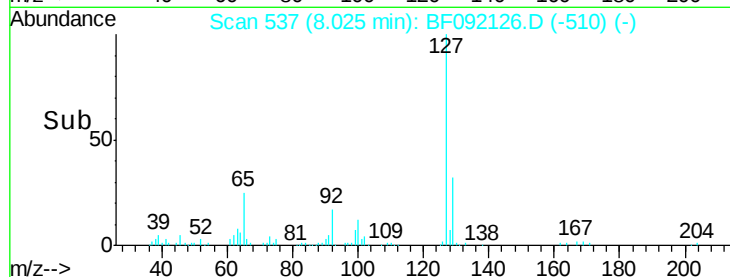


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 54.39 ng

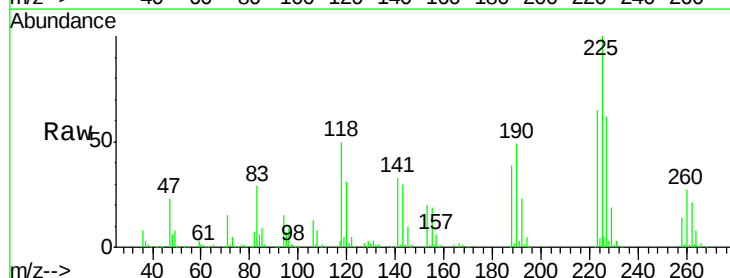
RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

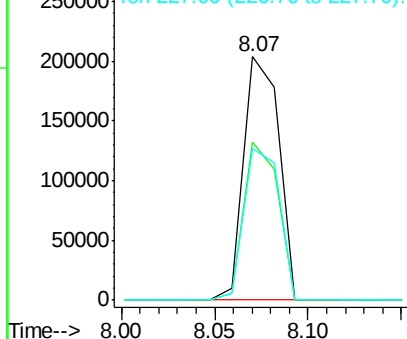
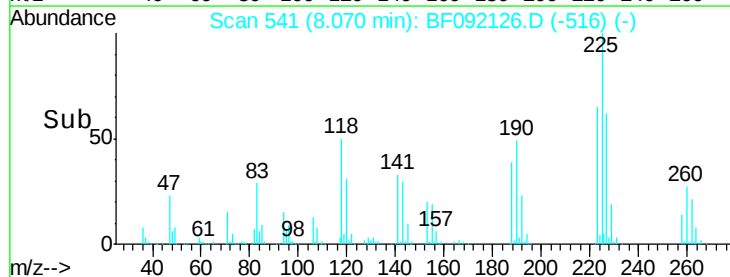
Tgt Ion:	225	Resp:	269162
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.0	76.6
227	62.4	50.6	76.0

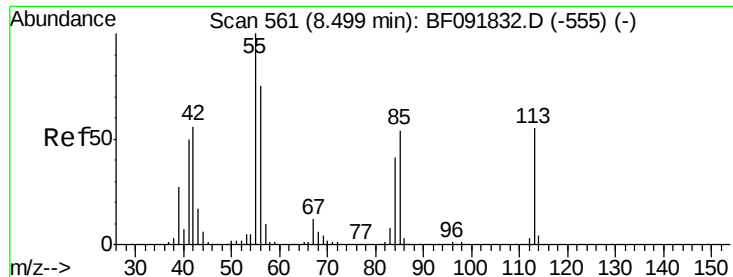


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

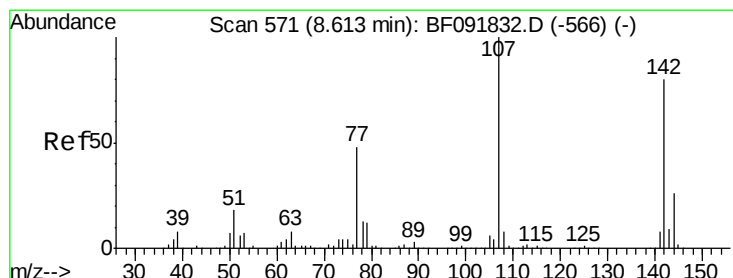
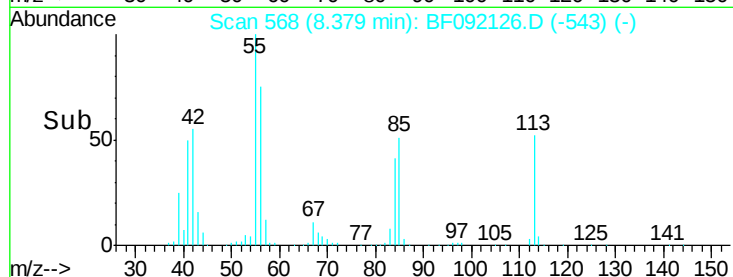
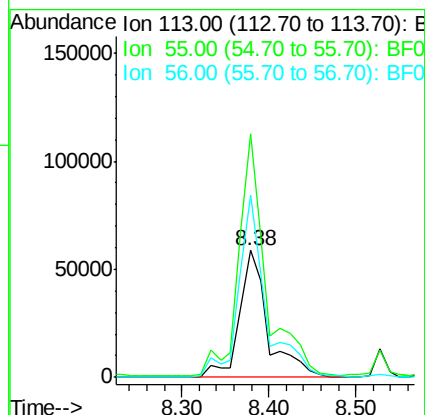
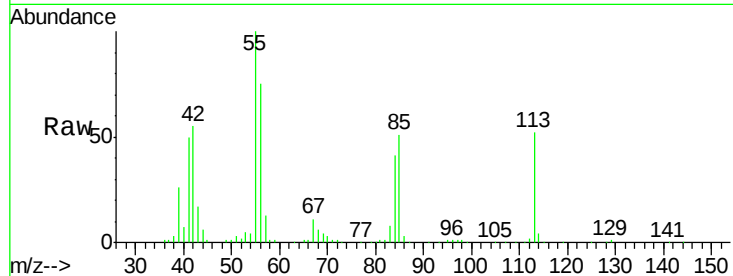




#35
 Caprolactam
 Concen: 47.27 ng
 RT: 8.38 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

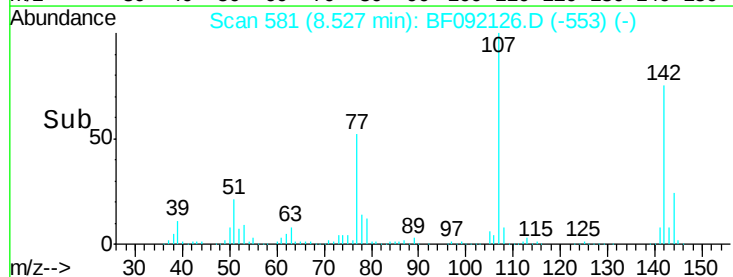
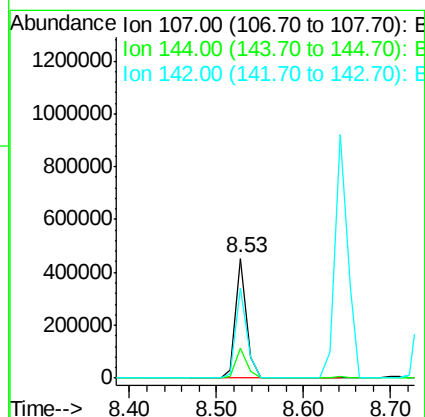
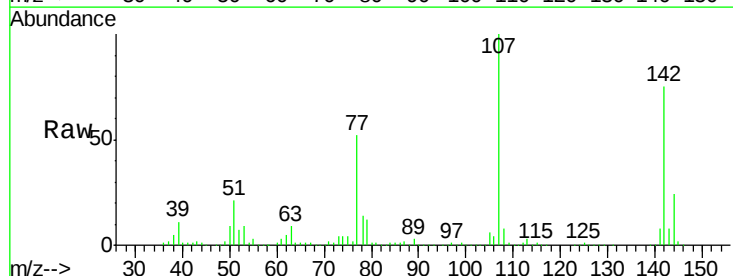
Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

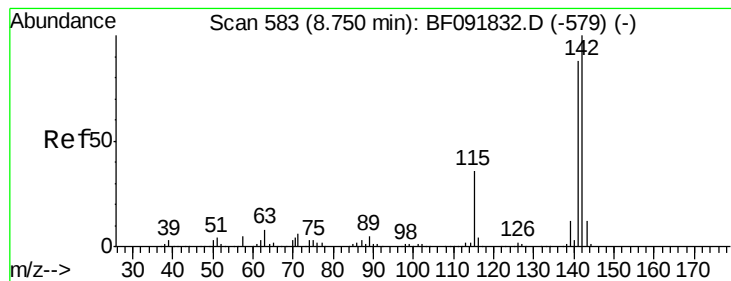
Tgt Ion:113 Resp: 132899
 Ion Ratio Lower Upper
 113 100
 55 192.0 119.2 159.2#
 56 143.6 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.01 ng
 RT: 8.53 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Tgt Ion:107 Resp: 393843
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 74.6 59.0 88.6





#37

2-Methylnaphthalene

Concen: 58.85 ng

RT: 8.64 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

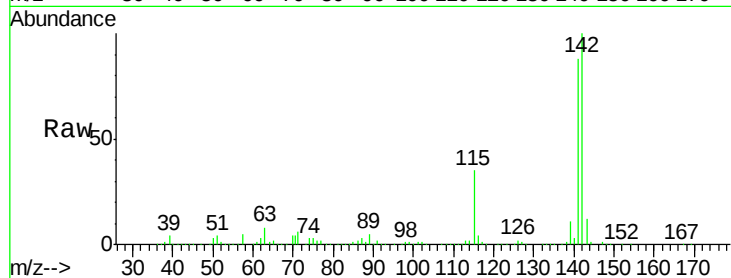
Tgt Ion:142 Resp: 936366

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6

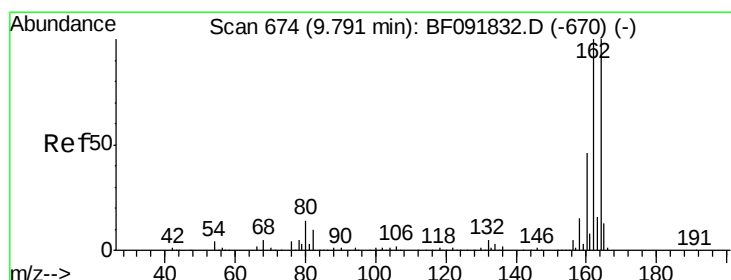
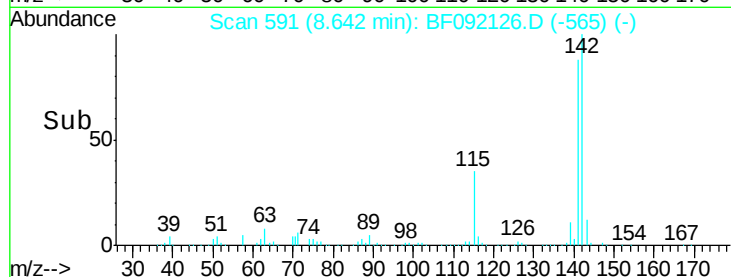
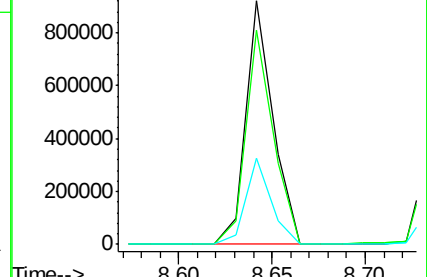
115 35.5 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

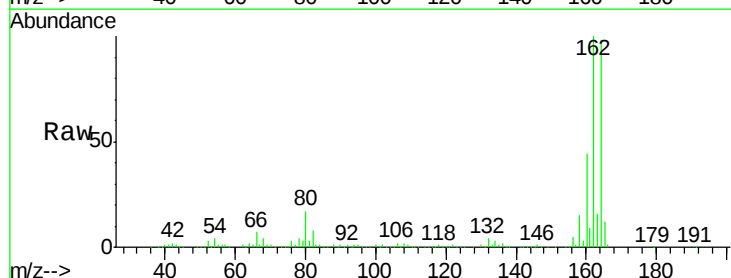
Tgt Ion:164 Resp: 279791

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

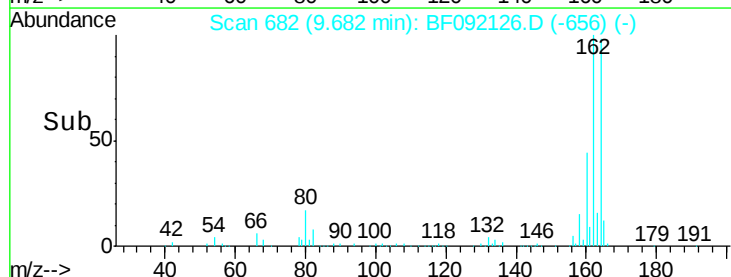
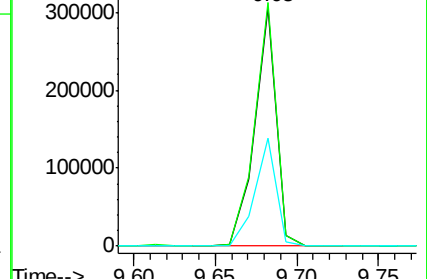
160 45.1 36.9 55.3

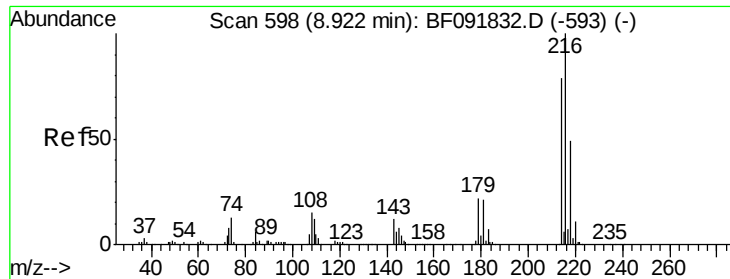


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

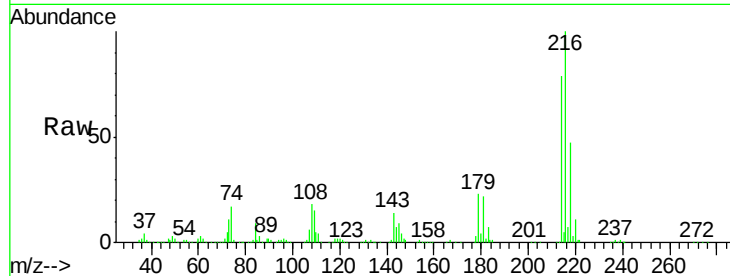




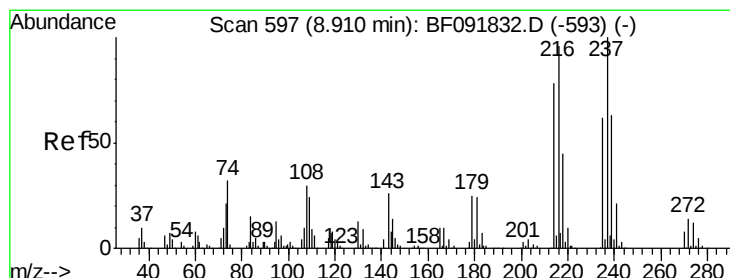
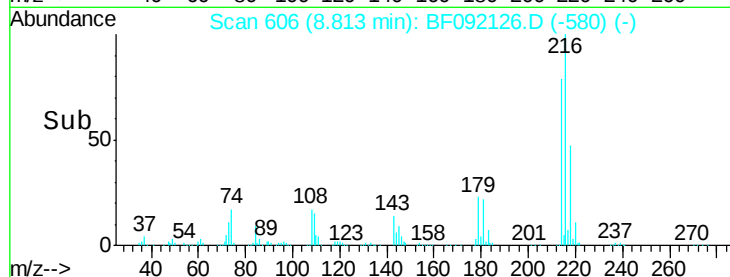
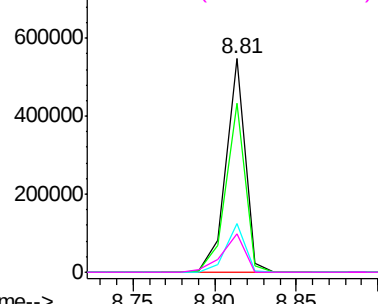
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 63.38 ng
 RT: 8.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion:	216	Resp:	448042
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.0
179	22.8	17.4	26.2
108	21.1	15.6	23.4

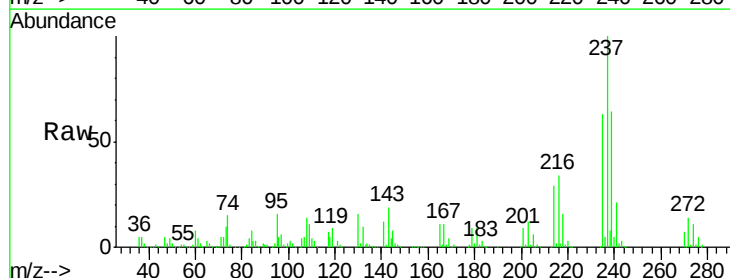


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

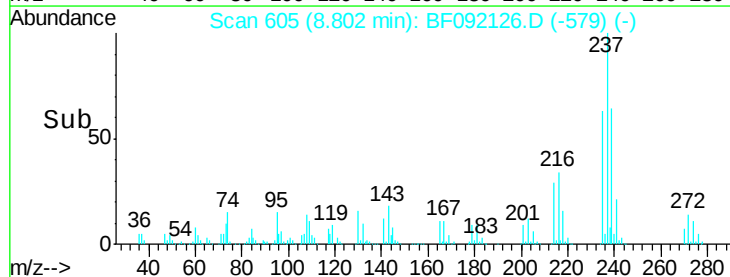
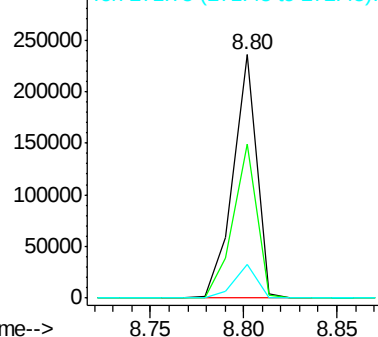


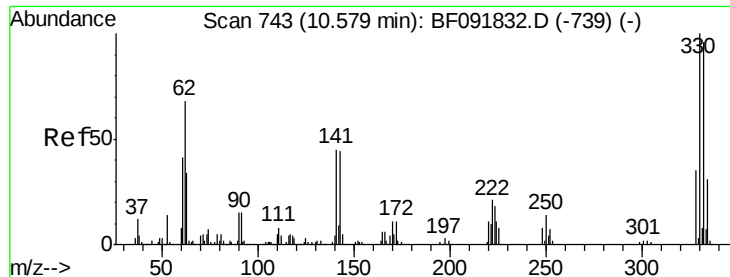
#40
 Hexachlorocyclopentadiene
 Concen: 66.24 ng
 RT: 8.80 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Tgt Ion:	237	Resp:	206281
Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.2	81.2
272	13.8	0.0	35.4



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

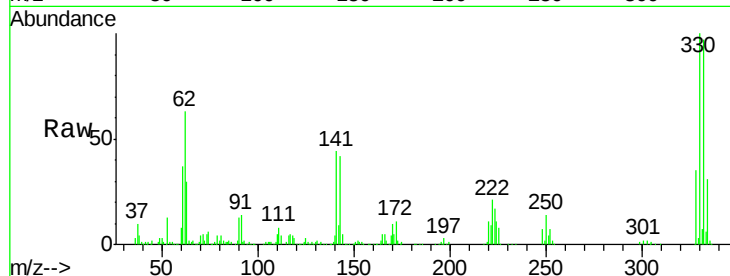




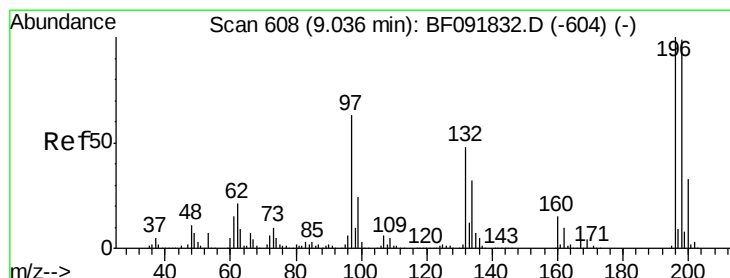
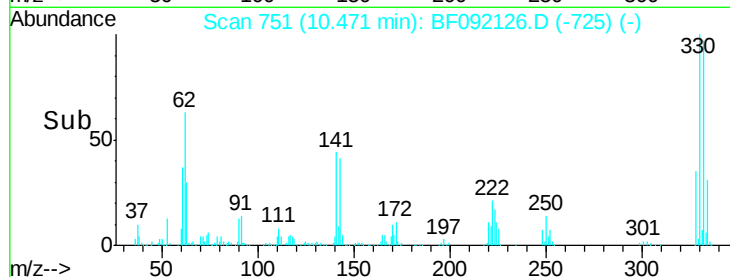
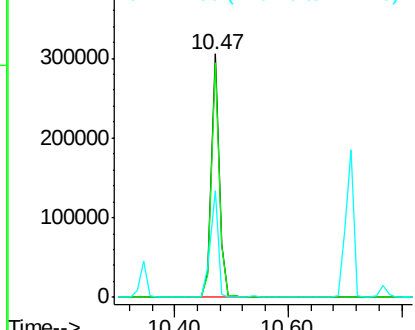
#41
 2,4,6-Tribromophenol
 Concen: 123.25 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion:330 Resp: 285374
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 43.0 34.1 51.1

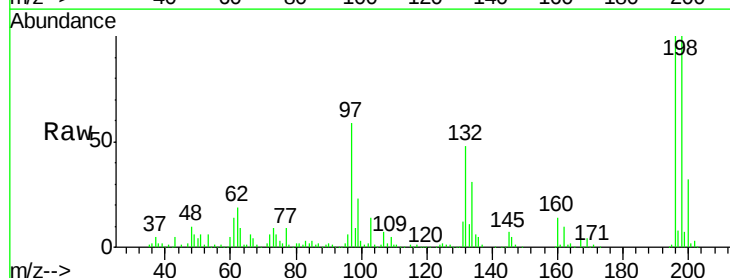


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

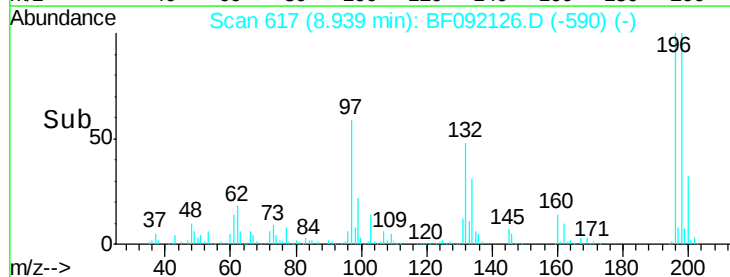
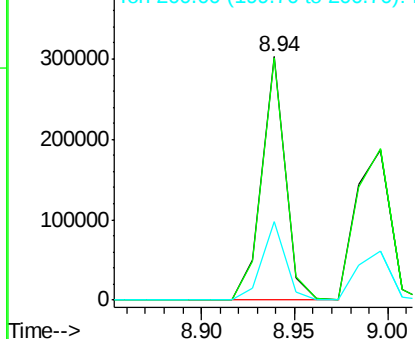


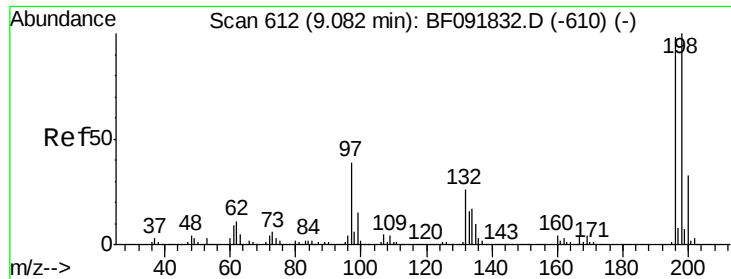
#42
 2,4,6-Trichlorophenol
 Concen: 53.28 ng
 RT: 8.94 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Tgt Ion:196 Resp: 263410
 Ion Ratio Lower Upper
 196 100
 198 99.7 82.1 123.1
 200 32.0 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

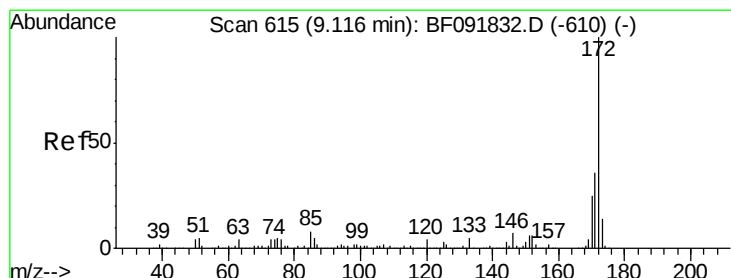
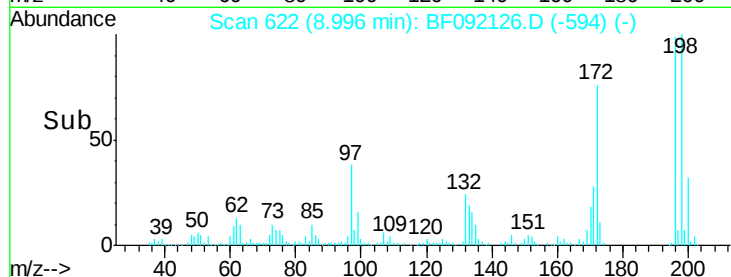
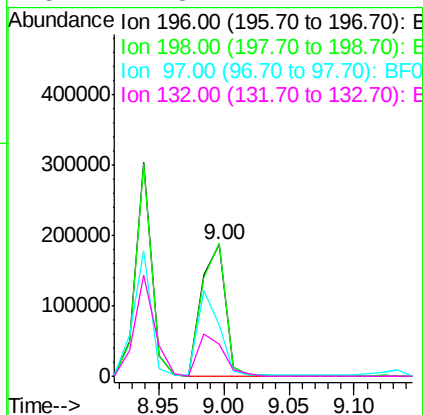
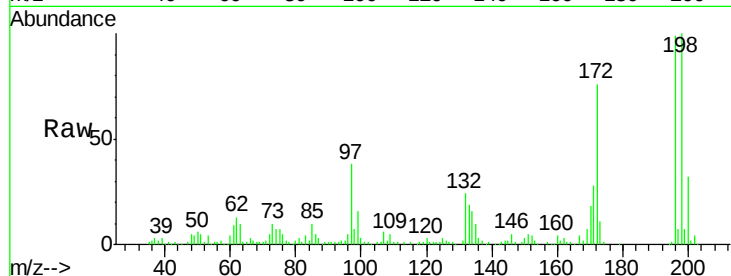




#43
 2,4,5-Trichlorophenol
 Concen: 46.82 ng
 RT: 9.00 min Scan# 622
 Delta R.T. 0.02 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

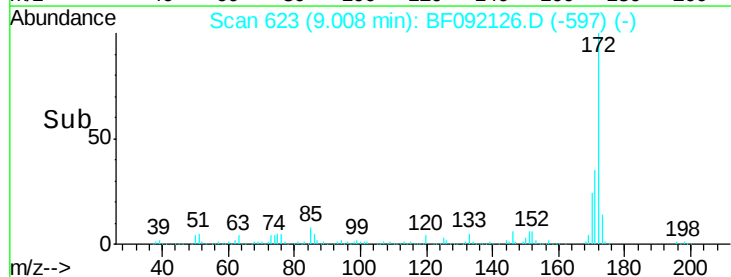
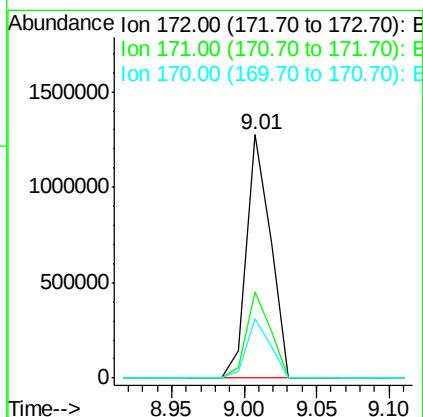
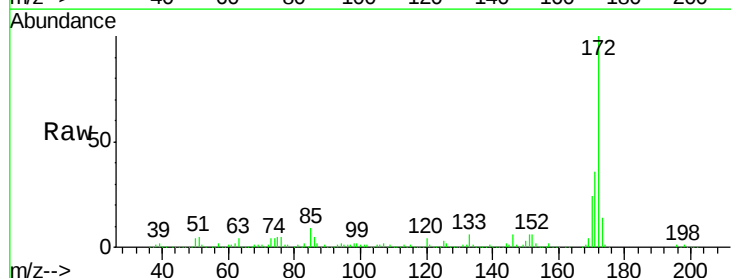
Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

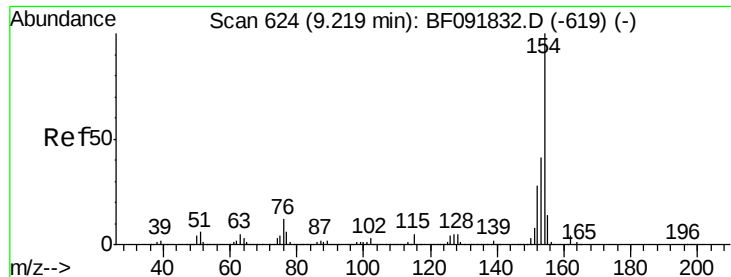
Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	79.4	119.2
97	38.6	51.5	77.3#
132	24.3	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 111.13 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.2	20.2	30.4

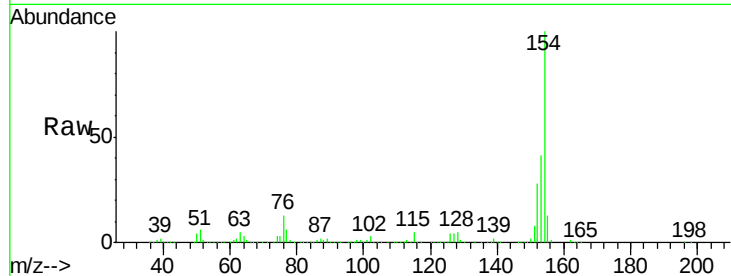




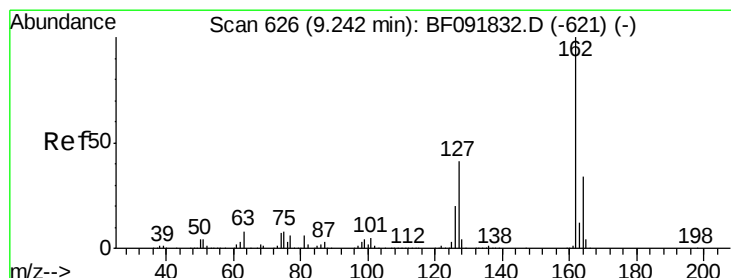
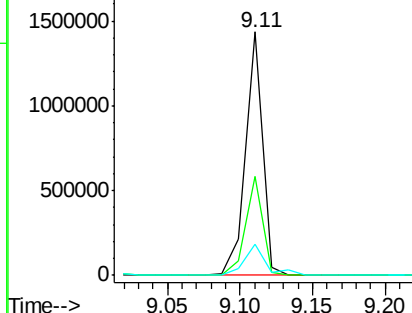
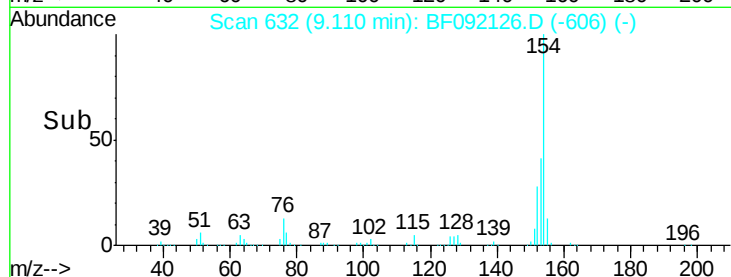
#45
 1,1'-Biphenyl
 Concen: 61.25 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion:154 Resp: 1173307
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.9 60.9
 76 12.6 0.0 30.5

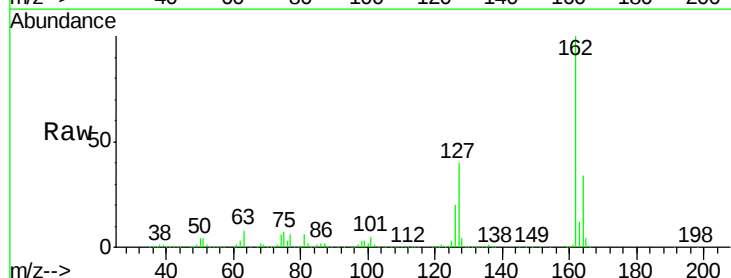


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

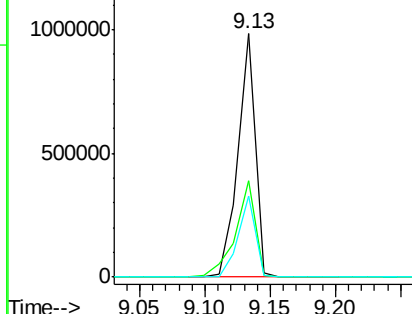
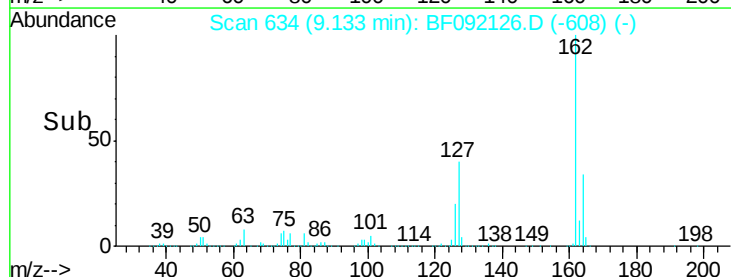


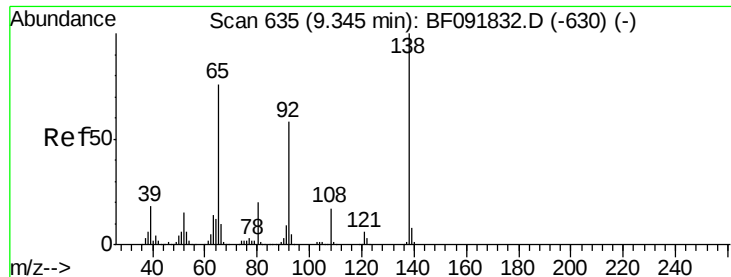
#46
 2-Chloronaphthalene
 Concen: 59.15 ng
 RT: 9.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Tgt Ion:162 Resp: 897443
 Ion Ratio Lower Upper
 162 100
 127 39.8 30.7 46.1
 164 33.5 27.6 41.4



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

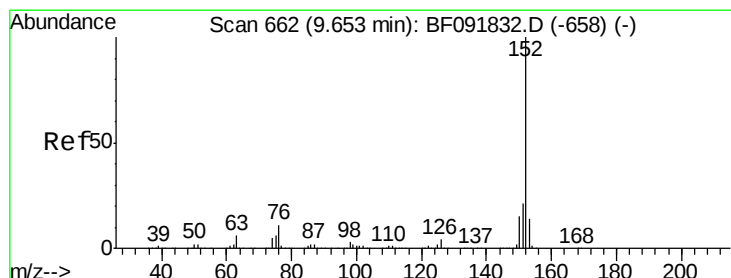
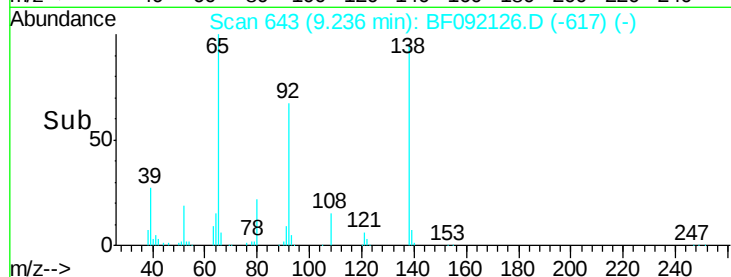
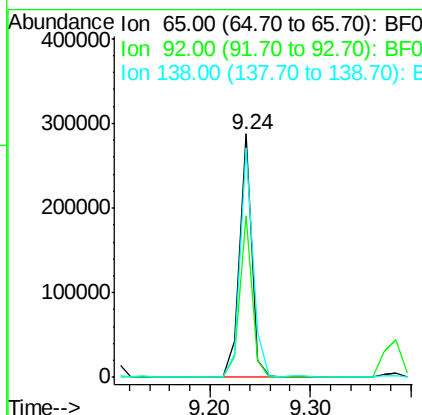
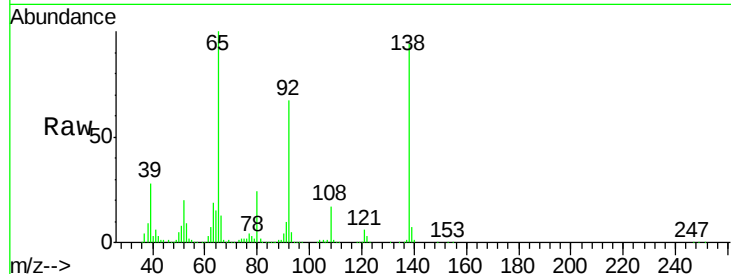




#47
2-Nitroaniline
Concen: 45.35 ng
RT: 9.24 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

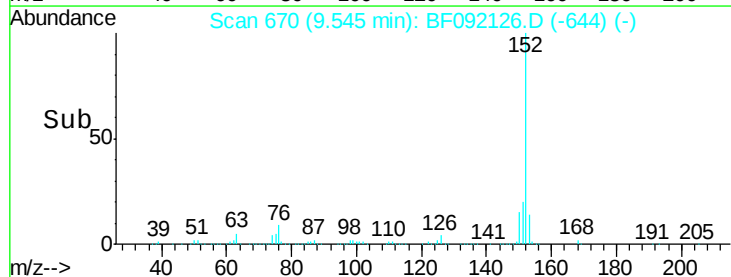
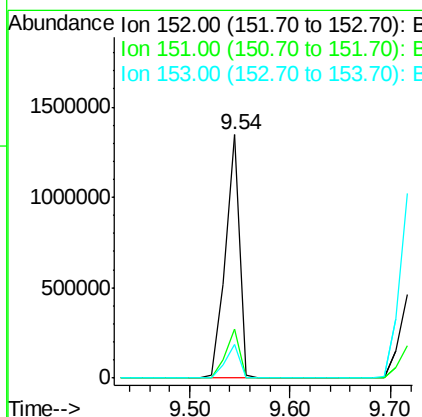
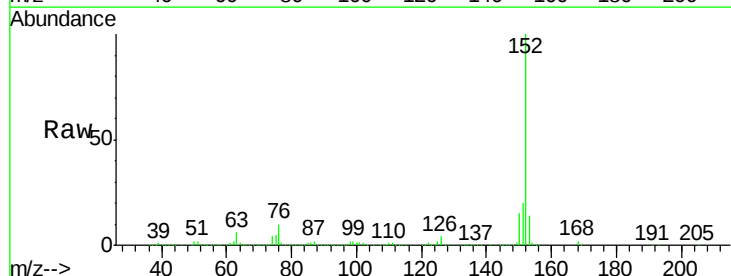
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

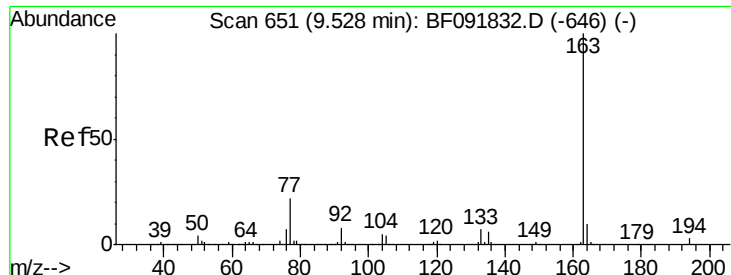
Tgt Ion: 65 Resp: 244952
Ion Ratio Lower Upper
65 100
92 66.6 53.9 80.9
138 94.2 76.8 115.2



#48
Acenaphthylene
Concen: 55.90 ng
RT: 9.54 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion: 152 Resp: 1304275
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 14.1 11.4 17.2

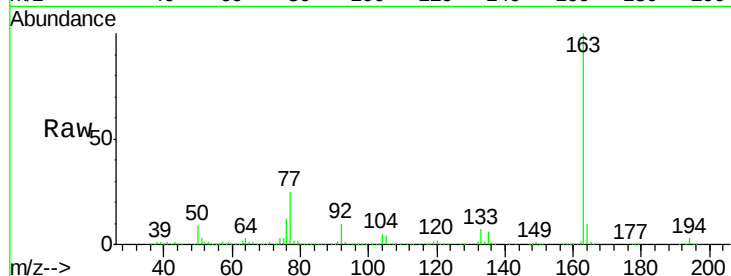




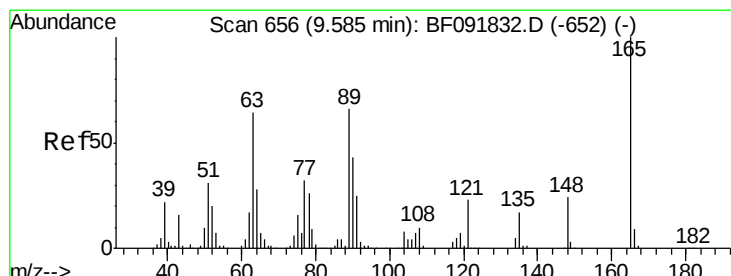
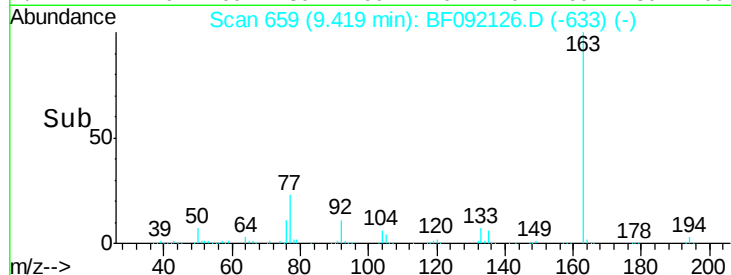
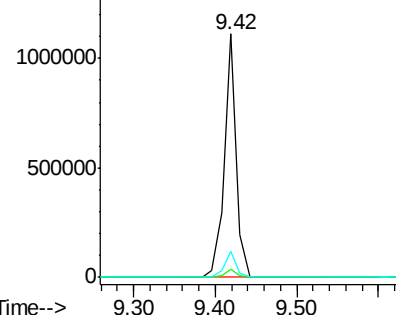
#49
Dimethylphthalate
Concen: 62.76 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tgt Ion:163 Resp: 1123163
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.5 8.0 12.0

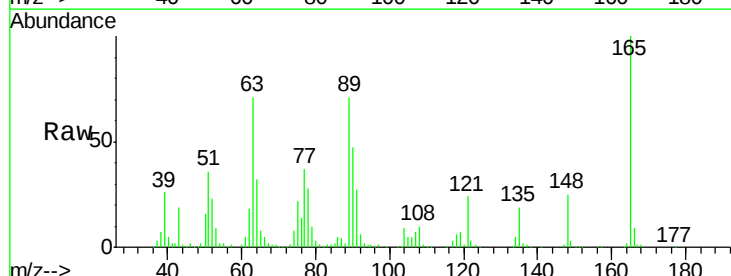


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

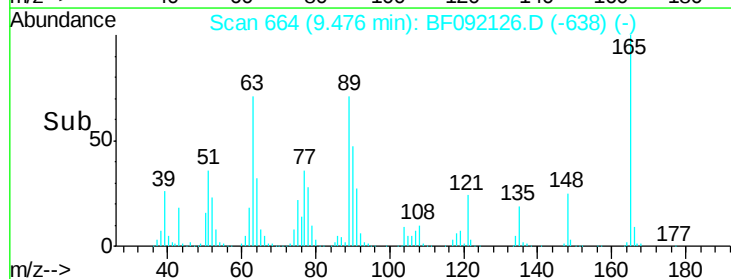
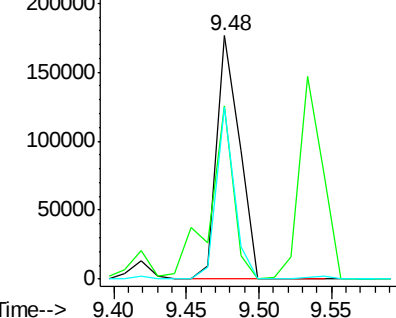


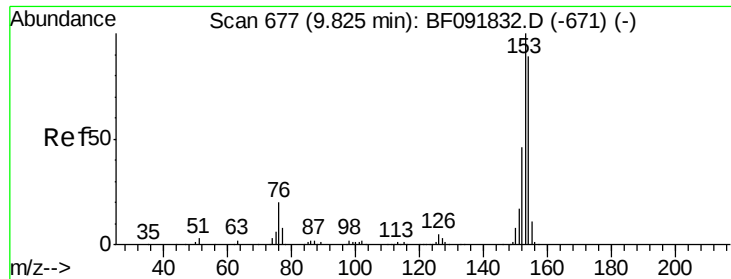
#50
2,6-Dinitrotoluene
Concen: 49.06 ng
RT: 9.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion:165 Resp: 192158
Ion Ratio Lower Upper
165 100
63 71.3 36.2 54.4#
89 70.6 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.93 ng

RT: 9.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

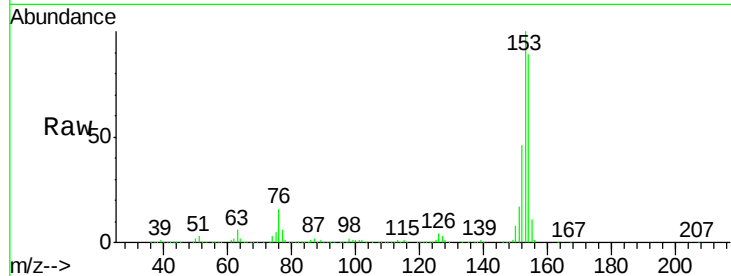
Tgt Ion:154 Resp: 837256

Ion Ratio Lower Upper

154 100

153 112.0 88.6 133.0

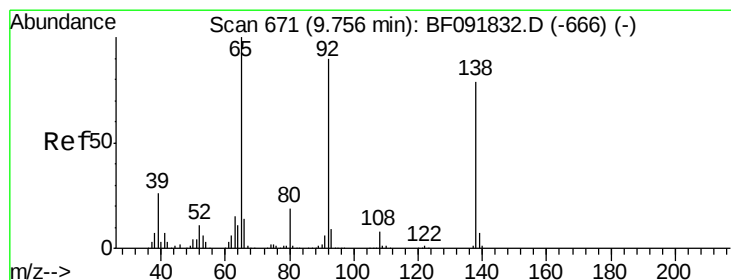
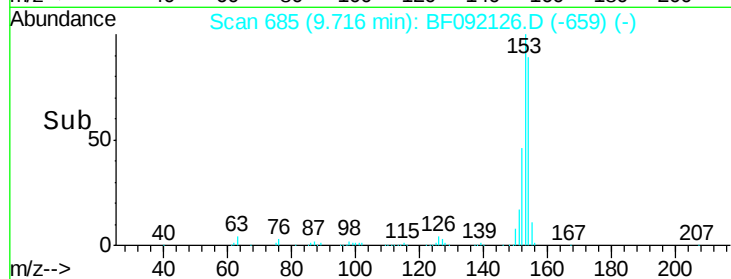
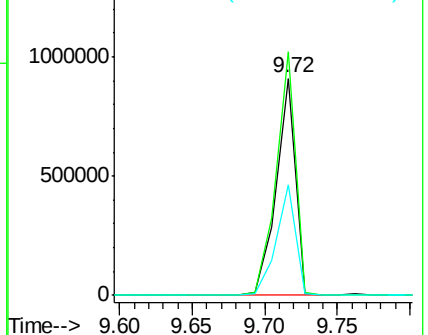
152 51.1 41.6 62.4



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: 31.43 ng

RT: 9.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

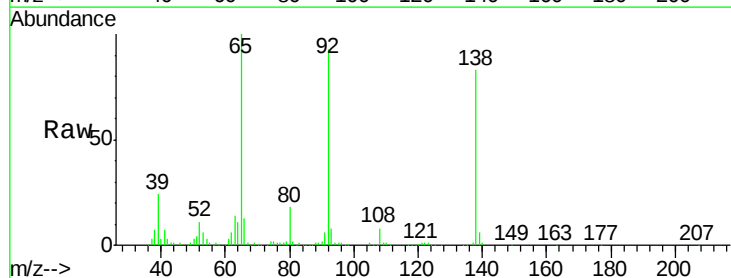
Tgt Ion:138 Resp: 152337

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

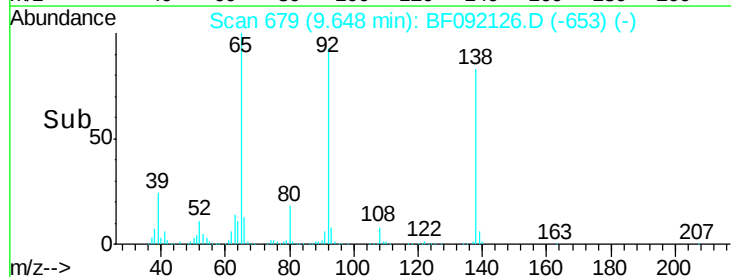
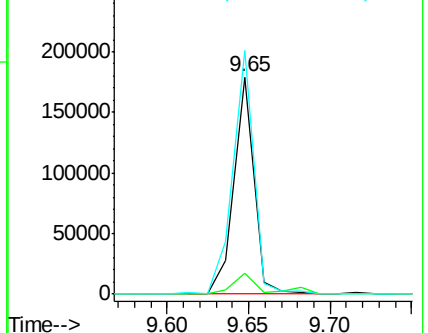
92 112.2 97.8 146.8

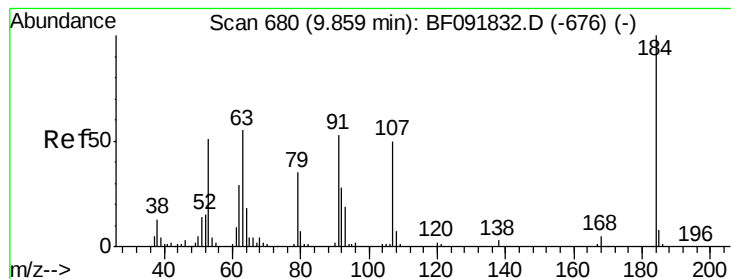


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 7.02 ng

RT: 9.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

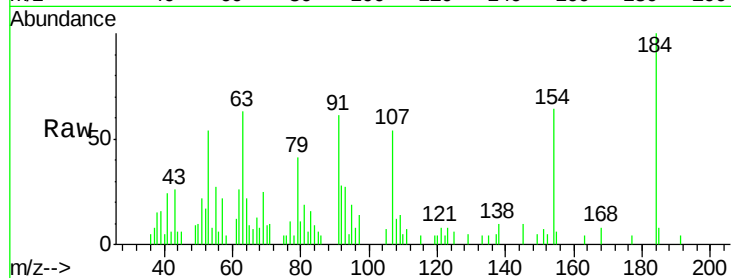
Tgt Ion:184 Resp: 15306

Ion Ratio Lower Upper

184 100

63 63.5 28.4 42.6#

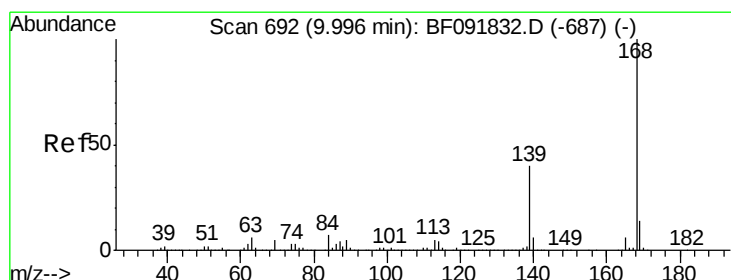
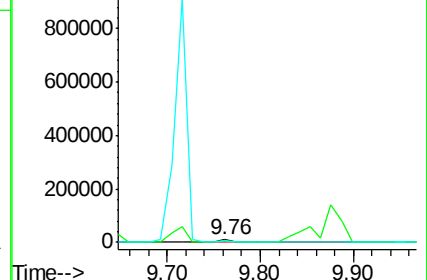
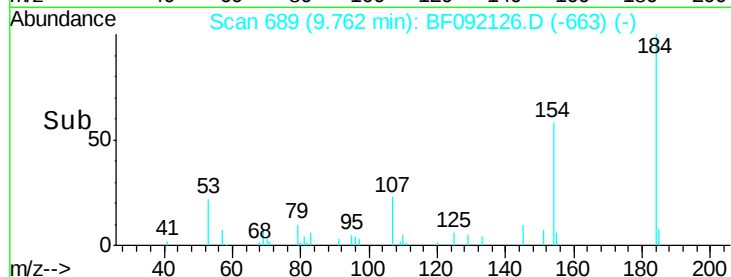
154 64.0 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 52.94 ng

RT: 9.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

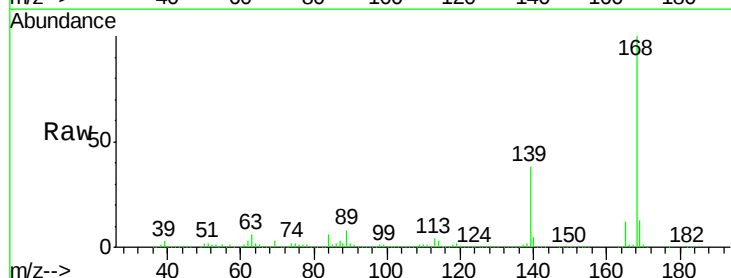
Tgt Ion:168 Resp: 1130846

Ion Ratio Lower Upper

168 100

139 38.3 32.6 49.0

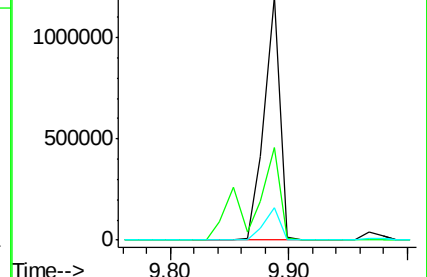
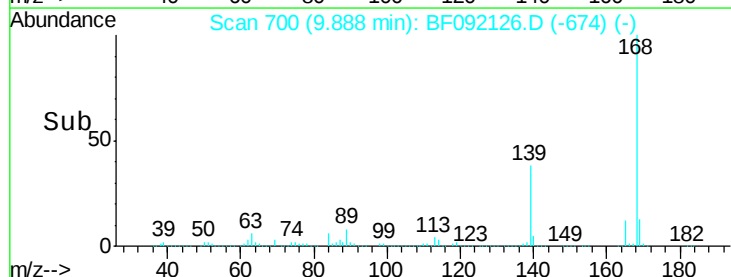
169 13.3 11.3 16.9

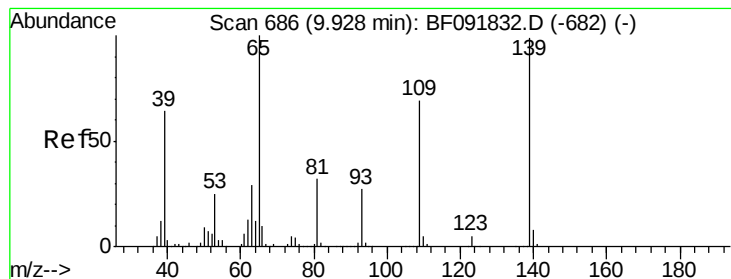


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 221.51 ng

RT: 9.89 min Scan# 700

Delta R.T. 0.06 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

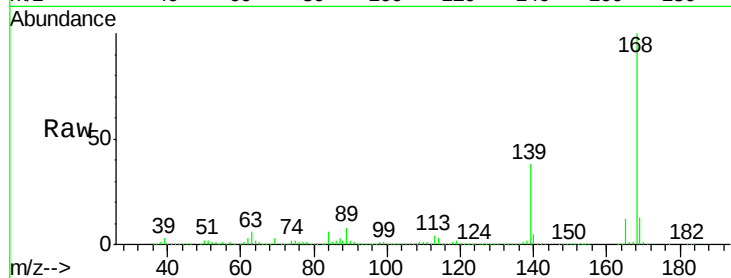
Tgt Ion:139 Resp: 729027

Ion Ratio Lower Upper

139 100

109 1.7 52.2 92.2#

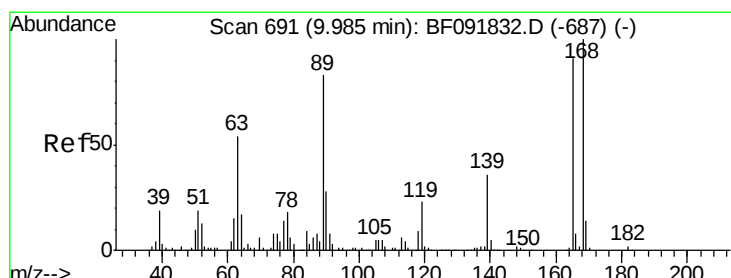
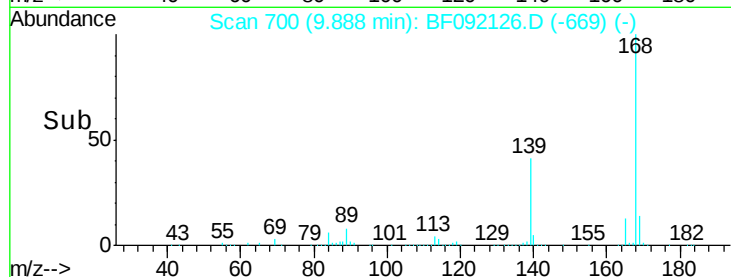
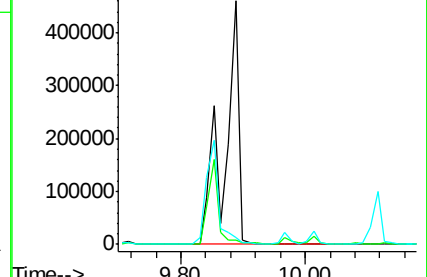
65 2.8 85.8 125.8#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 48.55 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Tgt Ion:165 Resp: 238676

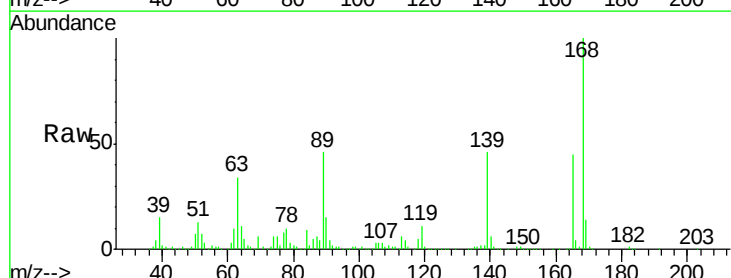
Ion Ratio Lower Upper

165 100

63 76.3 40.2 60.4#

89 102.4 62.5 93.7#

182 2.1 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

