

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090759.D
 Acq On : 22 Oct 2016 13:48
 Operator : UM/SJ
 Sample : H5367-09MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

Quant Time: Oct 24 00:49:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	264093	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1066586	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	548687	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	815791	20.00	ng	0.00
75) Chrysene-d12	14.02	240	488008	20.00	ng	0.00
86) Perylene-d12	15.46	264	401079	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	791778	48.35	ng	0.01
7) Phenol-d6	6.50	99	660854	29.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	1490252	76.63	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	603939	139.07	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	2867832	81.14	ng	0.00
78) Terphenyl-d14	12.97	244	2277684	106.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	121155	12.79	ng	# 78
3) Pyridine	3.32	79	261910	11.80	ng	# 72
4) n-Nitrosodimethylamine	3.24	42	89837	11.83	ng	# 69
6) Aniline	6.52	93	477584	18.99	ng	# 83
8) 2-Chlorophenol	6.65	128	641264	32.62	ng	# 98
9) Benzaldehyde	6.41	77	142884	11.78	ng	# 83
10) Phenol	6.51	94	303071	12.16	ng	# 61
11) bis(2-Chloroethyl)ether	6.59	93	756811	36.13	ng	# 95
12) 1,3-Dichlorobenzene	6.79	146	755258	38.25	ng	# 94
13) 1,4-Dichlorobenzene	6.87	146	804848	38.43	ng	# 94
14) 1,2-Dichlorobenzene	6.87	146	813656	39.68	ng	# 96
15) Benzyl Alcohol	7.00	79	347174	23.04	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.14	45	872643	27.81	ng	# 63
17) 2-Methylphenol	7.13	107	403179	27.22	ng	# 80
18) Hexachloroethane	7.37	117	278605	32.77	ng	# 87
19) n-Nitroso-di-n-propylamine	7.29	70	575156	34.82	ng	# 66
20) 3+4-Methylphenols	7.27	107	395586	22.53	ng	# 44
22) Acetophenone	7.27	105	1044499	43.94	ng	# 84
24) Nitrobenzene	7.45	77	793966	37.66	ng	# 74
25) Isophorone	7.69	82	1555903	42.27	ng	# 92
26) 2-Nitrophenol	7.77	139	420014	48.77	ng	# 89
27) 2,4-Dimethylphenol	7.80	122	604004	39.55	ng	# 80
28) bis(2-Chloroethoxy)methane	7.90	93	977163	48.52	ng	# 95
29) 2,4-Dichlorophenol	8.01	162	582106	46.45	ng	# 94
30) 1,2,4-Trichlorobenzene	8.09	180	682169	46.25	ng	# 98
31) Naphthalene	8.17	128	2161274	41.42	ng	# 96
32) Benzoic acid	7.89	122	82323	13.99	ng	# 76
33) 4-Chloroaniline	8.22	127	341015	17.62	ng	# 94
34) Hexachlorobutadiene	8.28	225	372490	44.92	ng	# 98
35) Caprolactam	8.60	113	24712	6.90	ng	# 87
36) 4-Chloro-3-methylphenol	8.70	107	557358	38.24	ng	# 89
37) 2-Methylnaphthalene	8.86	142	1463516	48.00	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	647482	43.70	ng	# 99
40) Hexachlorocyclopentadiene	9.01	237	686529	98.70	ng	# 97

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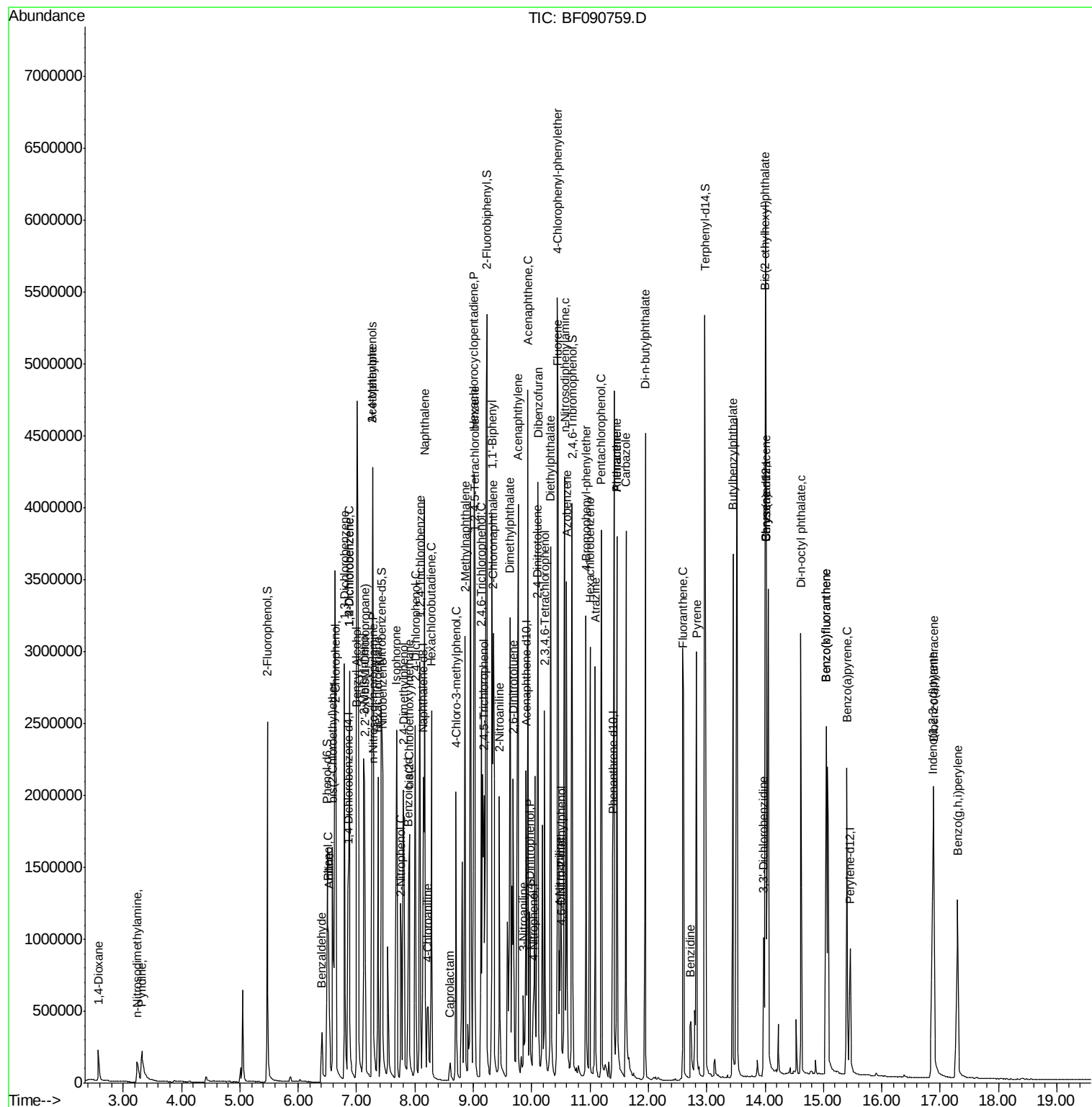
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	438470	47.72	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	440020	47.19	ng #	96
45) 1,1'-Biphenyl	9.32	154	1642704	38.12	ng	91
46) 2-Chloronaphthalene	9.34	162	1382927	43.18	ng #	90
47) 2-Nitroaniline	9.45	65	433110	40.74	ng #	76
48) Acenaphthylene	9.77	152	2125978	43.50	ng	95
49) Dimethylphthalate	9.63	163	1546201	44.85	ng #	97
50) 2,6-Dinitrotoluene	9.69	165	344234	46.43	ng #	52
51) Acenaphthene	9.94	154	1496050	46.11	ng	89
52) 3-Nitroaniline	9.86	138	143753	16.87	ng #	63
53) 2,4-Dinitrophenol	9.97	184	296183	72.97	ng #	83
54) Dibenzofuran	10.11	168	1898501	48.31	ng #	88
55) 4-Nitrophenol	10.03	139	117000	26.62	ng #	68
56) 2,4-Dinitrotoluene	10.10	165	495853	54.72	ng #	97
57) Fluorene	10.45	166	1500887	46.08	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	362040	49.48	ng	100
59) Diethylphthalate	10.33	149	1542069	43.12	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	734260	49.33	ng	92
61) 4-Nitroaniline	10.47	138	304812	35.31	ng #	56
62) Azobenzene	10.60	77	1575359	37.62	ng	87
64) 4,6-Dinitro-2-methylphenol	10.51	198	213304	41.58	ng #	58
65) n-Nitrosodiphenylamine	10.57	169	1293091	49.48	ng	89
66) 4-Bromophenyl-phenylether	10.93	248	463306	58.58	ng	95
67) Hexachlorobenzene	11.00	284	539696	57.83	ng #	80
68) Atrazine	11.09	200	319509	44.29	ng	85
69) Pentachlorophenol	11.19	266	519463	85.79	ng	98
70) Phenanthrene	11.46	178	2034753	48.93	ng	95
71) Anthracene	11.46	178	2047240	44.40	ng	95
72) Carbazole	11.62	167	1729065	44.85	ng #	93
73) Di-n-butylphthalate	11.95	149	2294614	45.88	ng #	96
74) Fluoranthene	12.60	202	1856102	46.14	ng	87
76) Benzidine	12.73	184	380908	35.15	ng	98
77) Pyrene	12.83	202	1799673	52.80	ng	96
79) Butylbenzylphthalate	13.45	149	872873	55.71	ng	92
80) Benzo(a)anthracene	14.02	228	1337802	50.09	ng	96
81) 3,3'-Dichlorobenzidine	13.97	252	269758	29.15	ng	98
82) Chrysene	14.02	228	1337802	51.33	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1157987	51.66	ng #	96
84) Di-n-octyl phthalate	14.61	149	1663883	48.91	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.88	276	1257549	55.30	ng #	94
87) Benzo(b)fluoranthene	15.05	252	1148336	46.56	ng #	89
88) Benzo(k)fluoranthene	15.05	252	1148336	46.33	ng #	90
89) Benzo(a)pyrene	15.40	252	1102004	47.63	ng #	89
90) Dibenzo(a,h)anthracene	16.89	278	1074995	48.39	ng #	85
91) Benzo(g,h,i)perylene	17.30	276	1045266	48.51	ng #	82

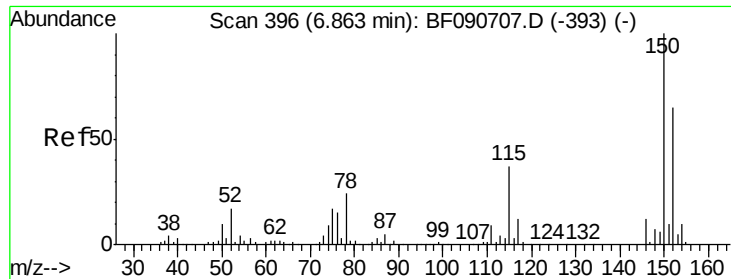
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

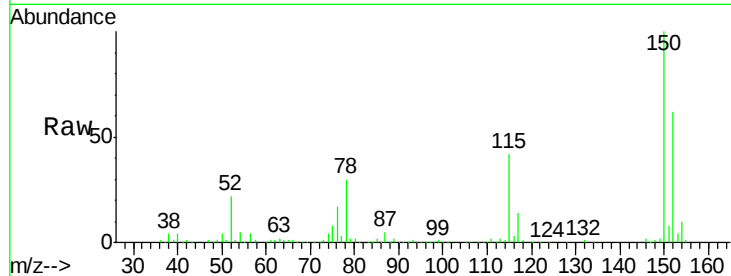
Tgt Ion:152 Resp: 264093

Ion Ratio Lower Upper

152 100

150 161.2 124.7 187.1

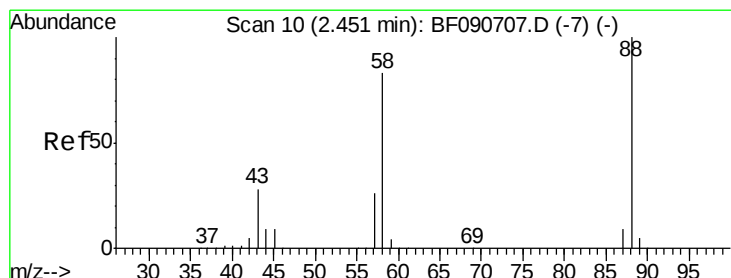
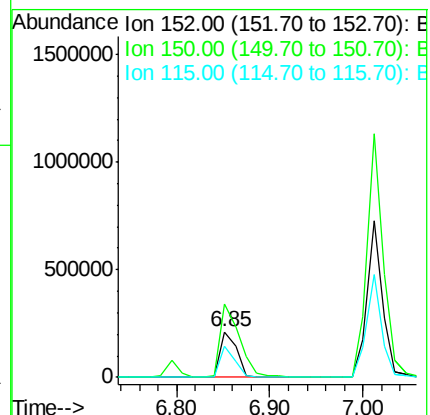
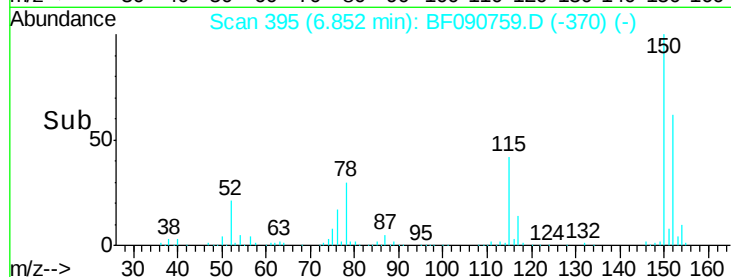
115 68.2 39.0 58.4#



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: 12.79 ng

RT: 2.58 min Scan# 21

Delta R.T. 0.09 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

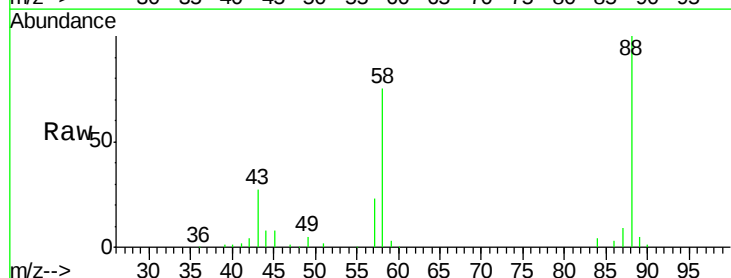
Tgt Ion: 88 Resp: 121155

Ion Ratio Lower Upper

88 100

58 74.0 77.7 116.5#

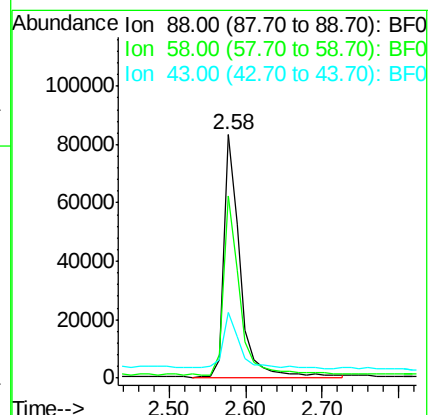
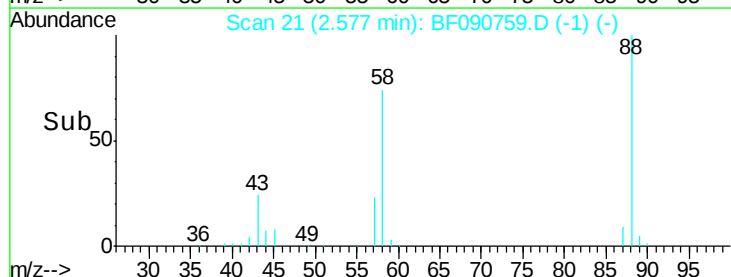
43 23.5 26.6 40.0#

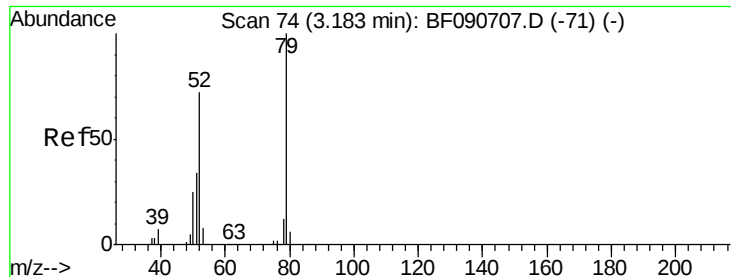


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.80 ng

RT: 3.32 min Scan# 86

Delta R.T. 0.11 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

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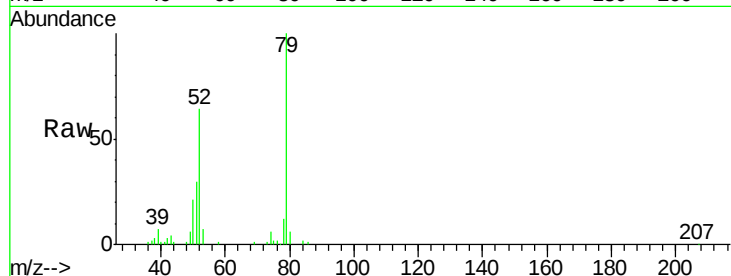
Tgt Ion: 79 Resp: 261910

Ion Ratio Lower Upper

79 100

52 64.2 76.8 115.2#

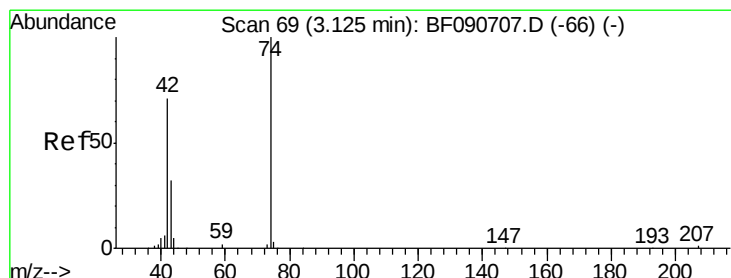
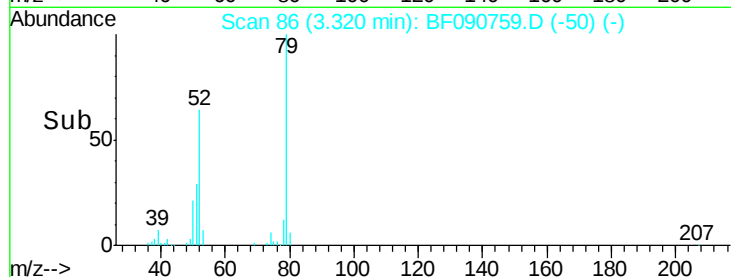
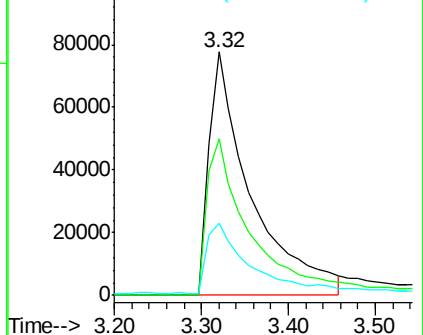
51 29.6 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 11.83 ng

RT: 3.24 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

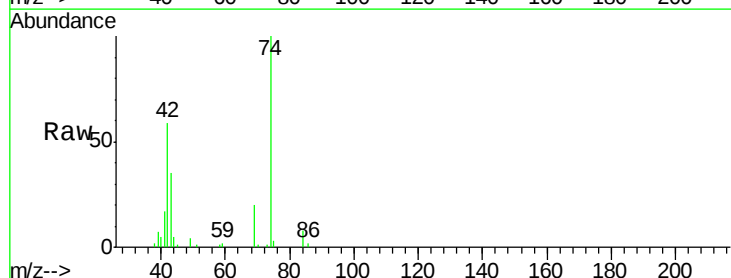
Tgt Ion: 42 Resp: 89837

Ion Ratio Lower Upper

42 100

74 170.2 105.0 157.6#

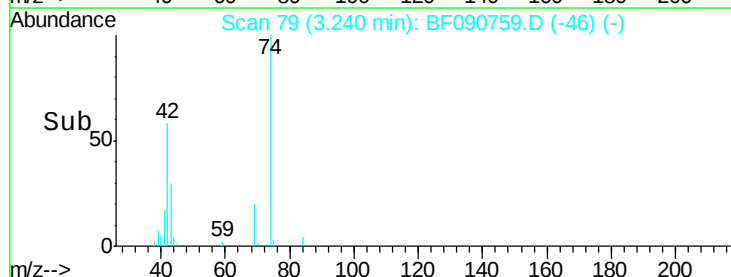
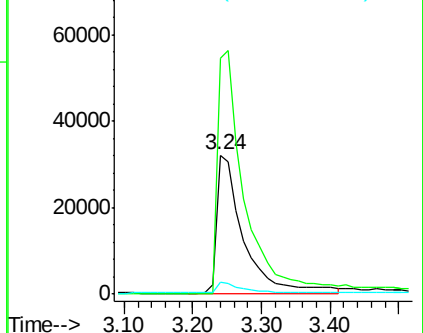
44 8.8 6.6 10.0

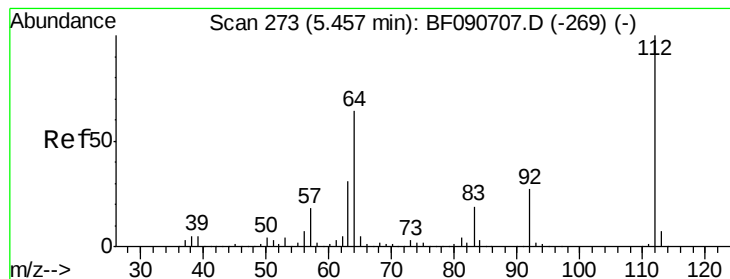


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 48.35 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

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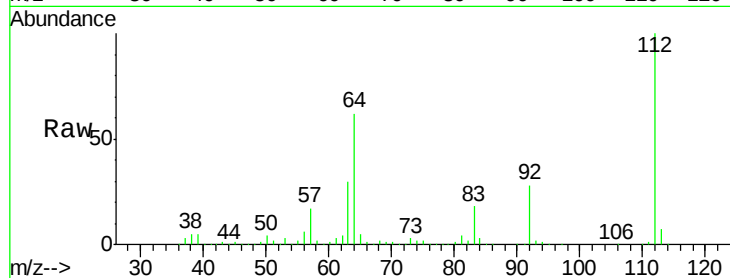
Tgt Ion: 112 Resp: 791778

Ion Ratio Lower Upper

112 100

64 61.7 39.7 59.5#

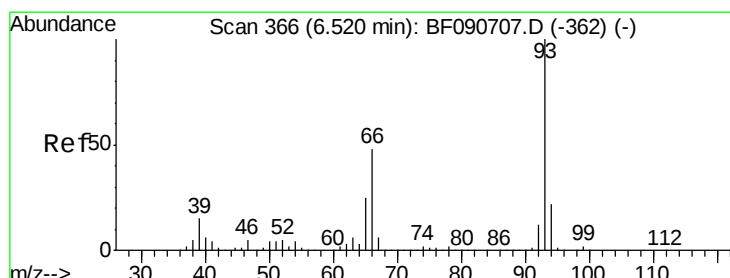
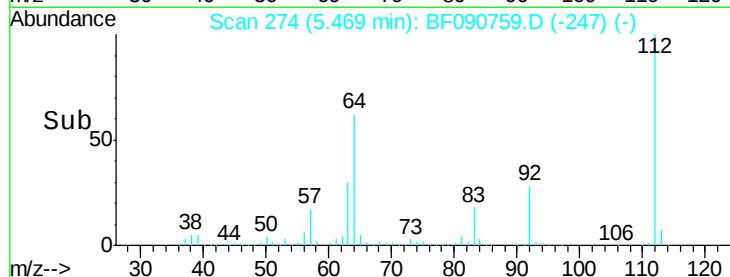
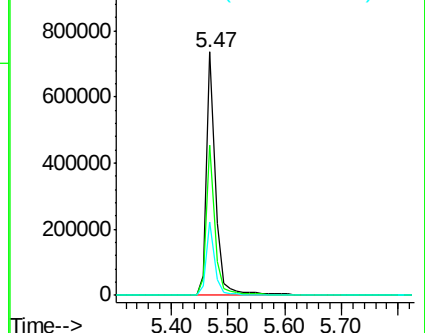
63 30.3 17.4 26.0#



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: 18.99 ng

RT: 6.52 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

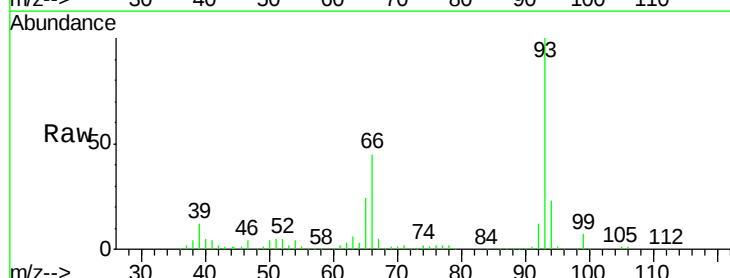
Tgt Ion: 93 Resp: 477584

Ion Ratio Lower Upper

93 100

66 45.2 27.2 40.8#

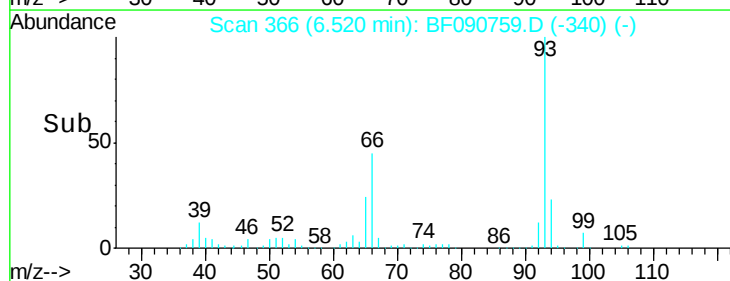
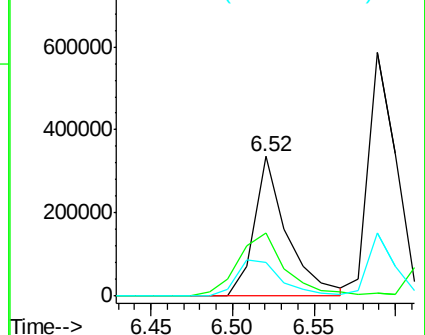
65 23.7 14.7 22.1#

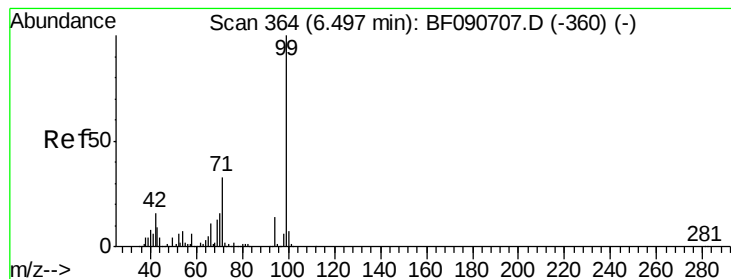


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 29.79 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

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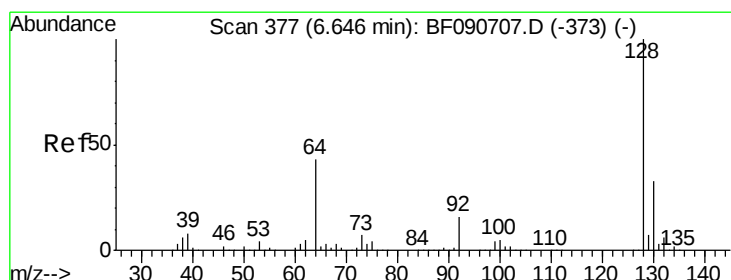
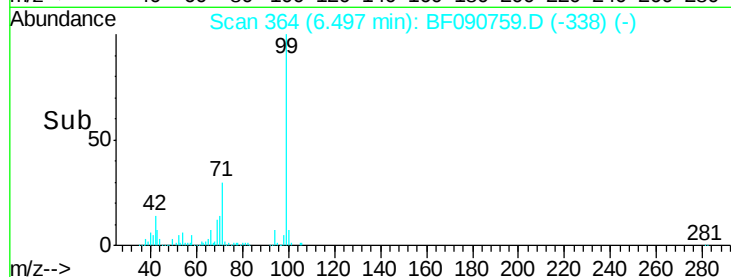
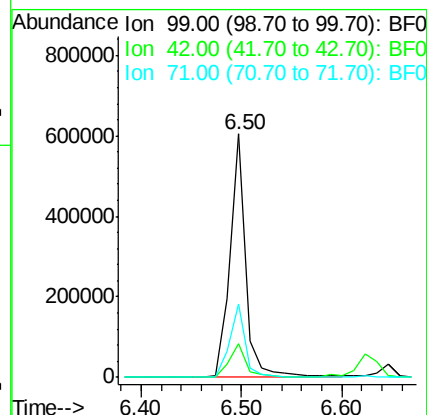
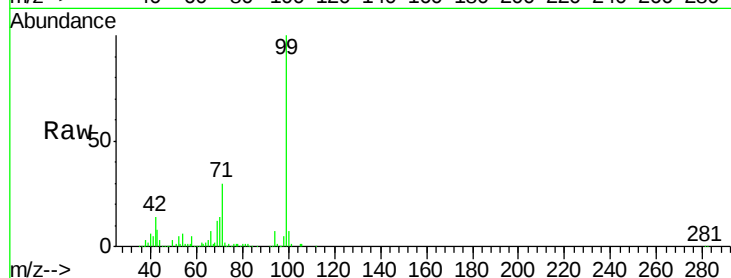
Tgt Ion: 99 Resp: 660854

Ion Ratio Lower Upper

99 100

42 13.6 13.7 20.5#

71 30.0 14.2 21.2#



#8

2-Chlorophenol

Concen: 32.62 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

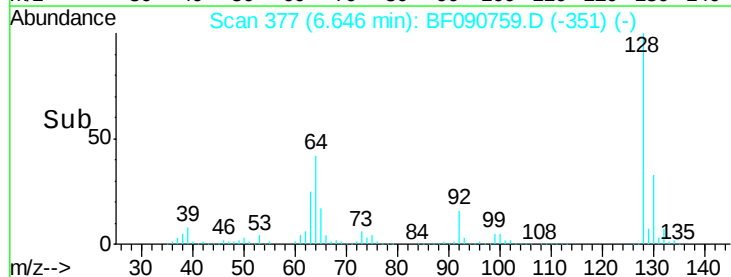
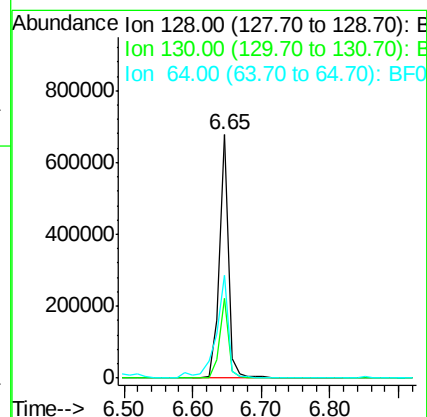
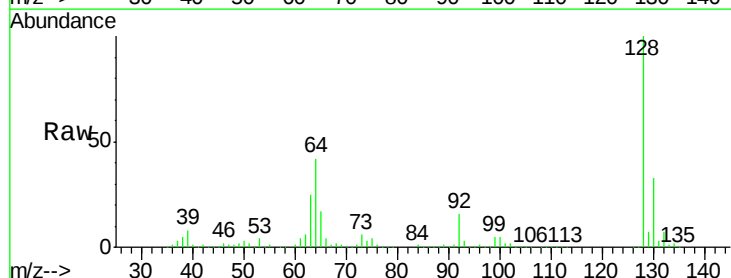
Tgt Ion: 128 Resp: 641264

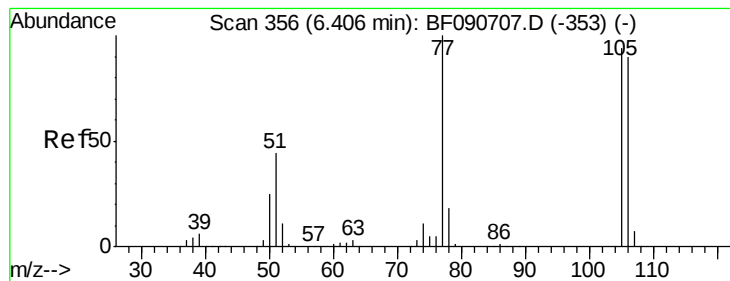
Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

64 42.5 20.5 60.5





#9

Benzaldehyde

Concen: 11.78 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

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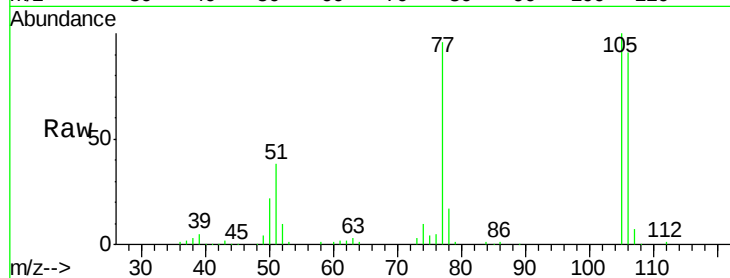
Tgt Ion: 77 Resp: 142884

Ion Ratio Lower Upper

77 100

105 103.6 91.6 131.6

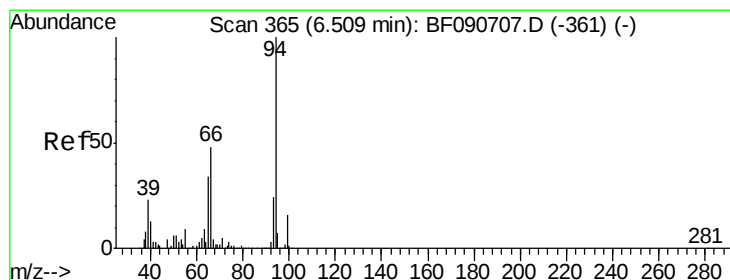
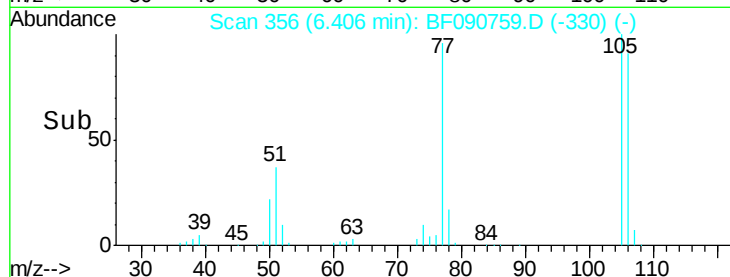
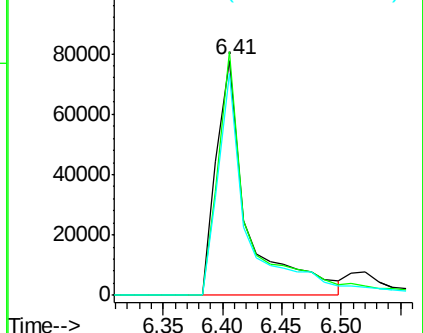
106 94.3 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 12.16 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

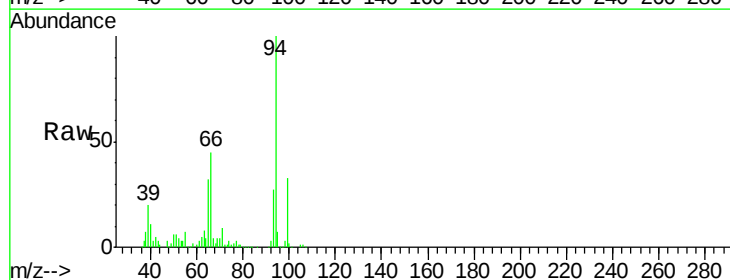
Tgt Ion: 94 Resp: 303071

Ion Ratio Lower Upper

94 100

65 32.3 0.7 40.7

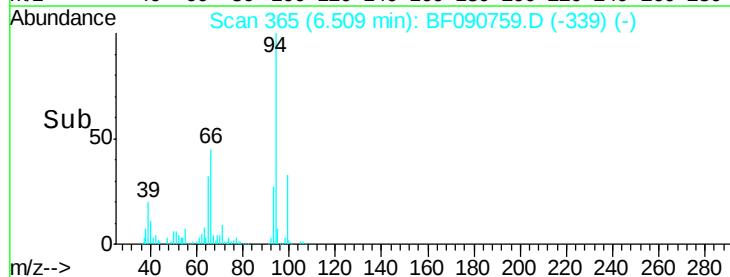
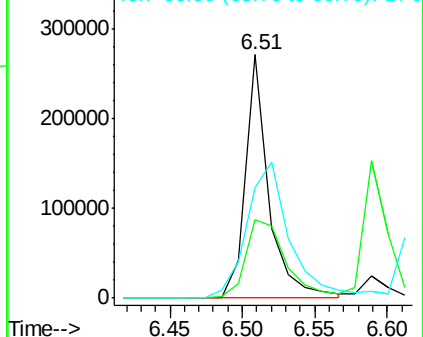
66 45.2 0.8 40.8#

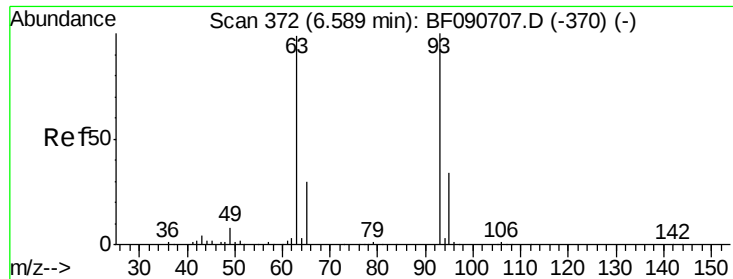


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

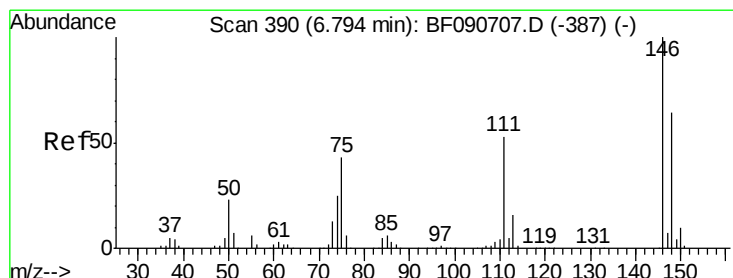
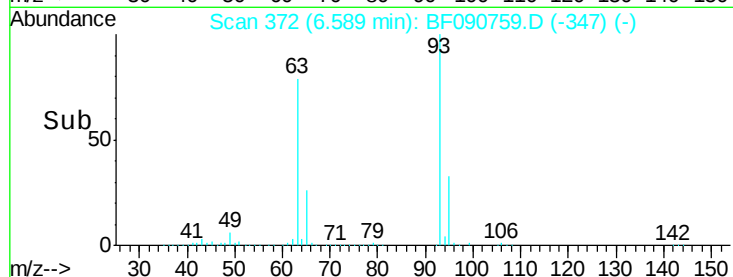
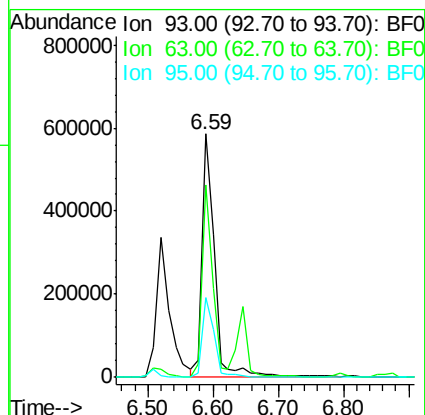
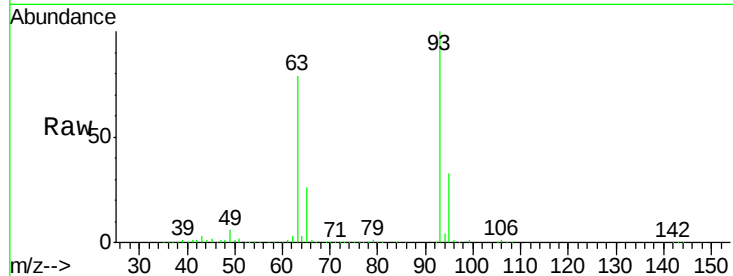




#11
bis(2-Chloroethyl)ether
Concen: 36.13 ng
RT: 6.59 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

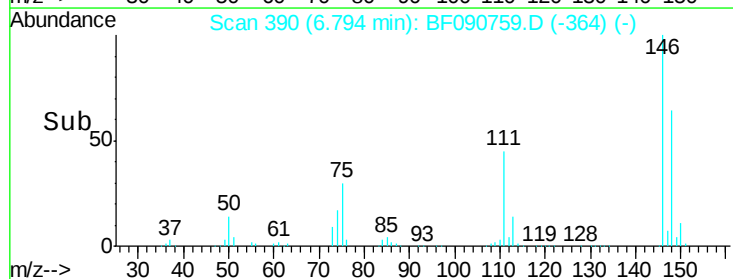
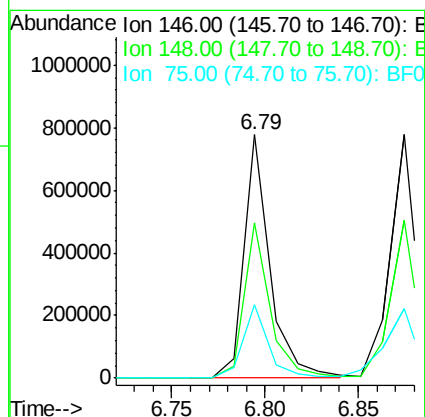
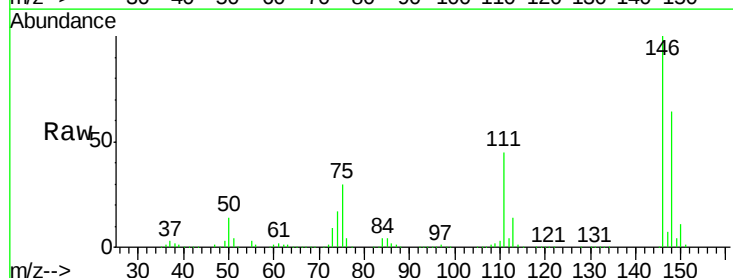
Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

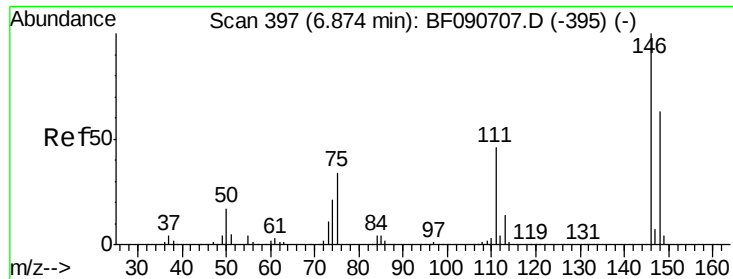
Tgt Ion: 93 Resp: 756811
Ion Ratio Lower Upper
93 100
63 79.3 65.6 105.6
95 32.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 38.25 ng
RT: 6.79 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion: 146 Resp: 755258
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 30.3 15.0 22.6#

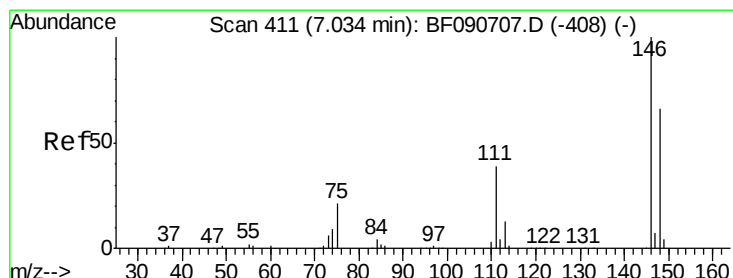
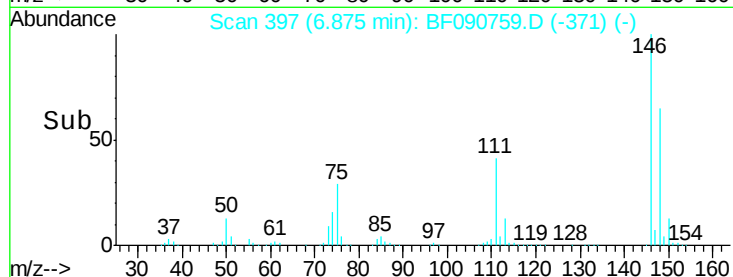
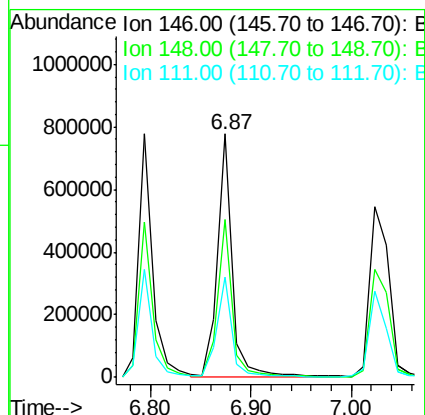
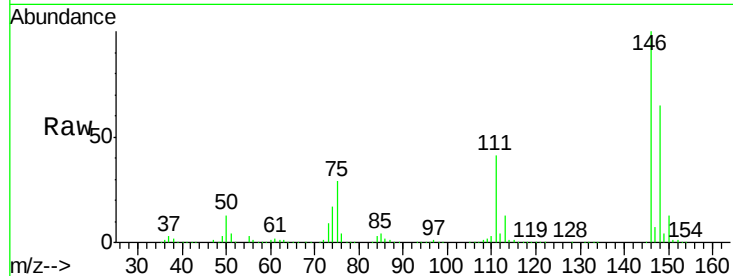




#13
1,4-Dichlorobenzene
Concen: 38.43 ng
RT: 6.87 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

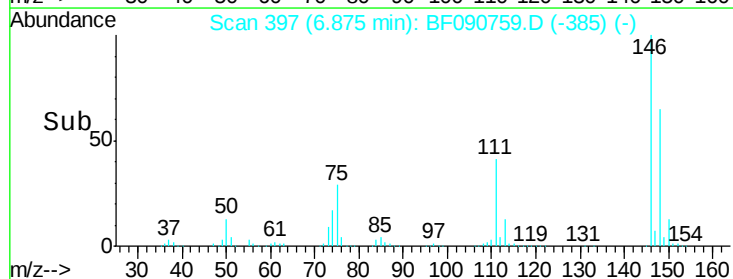
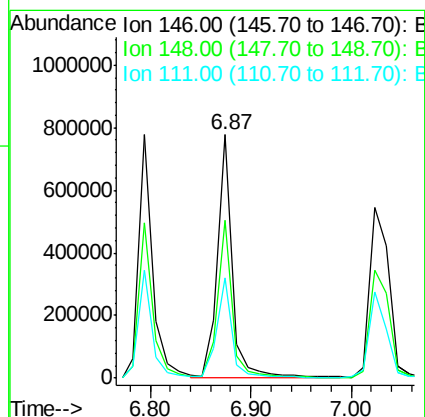
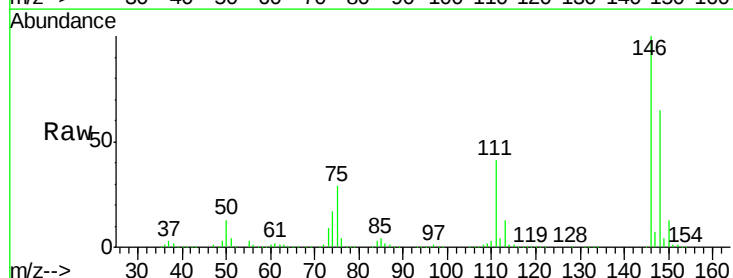
Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

Tgt Ion:146 Resp: 804848
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
111 41.4 24.9 37.3#



#14
1,2-Dichlorobenzene
Concen: 39.68 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.16 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion:146 Resp: 813656
Ion Ratio Lower Upper
146 100
148 64.9 52.7 79.1
111 41.4 28.8 43.2





#15

Benzyl Alcohol

Concen: 23.04 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

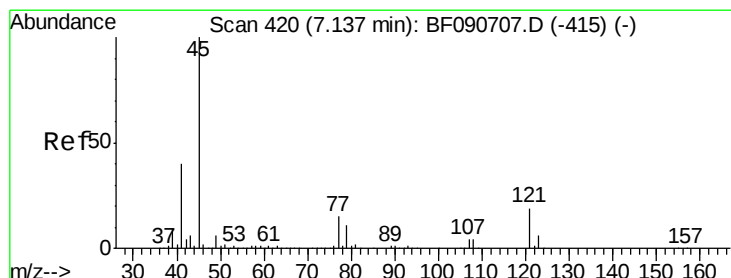
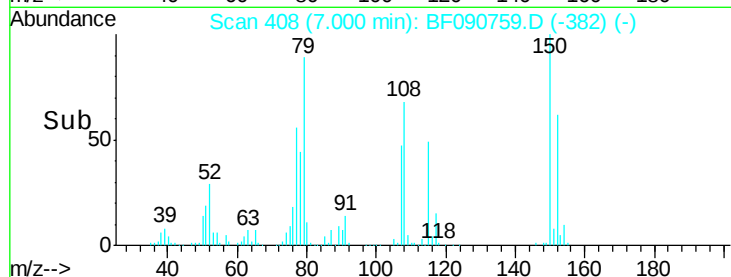
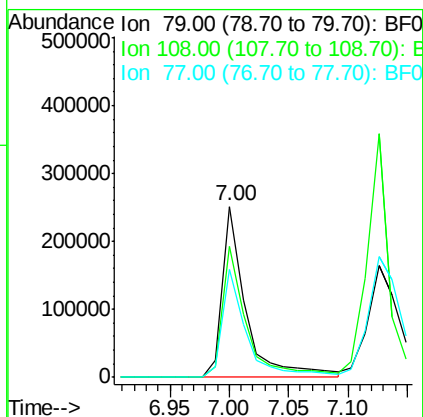
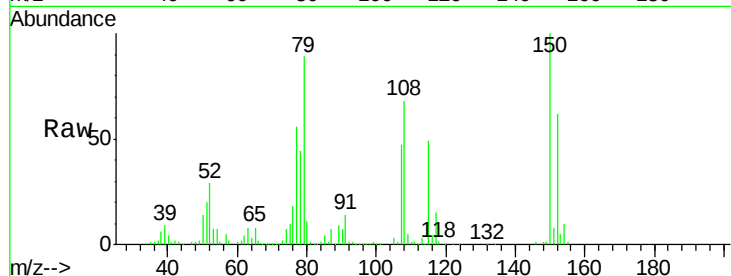
Tgt Ion: 79 Resp: 347174

Ion Ratio Lower Upper

79 100

108 76.5 88.6 132.8#

77 63.1 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.81 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

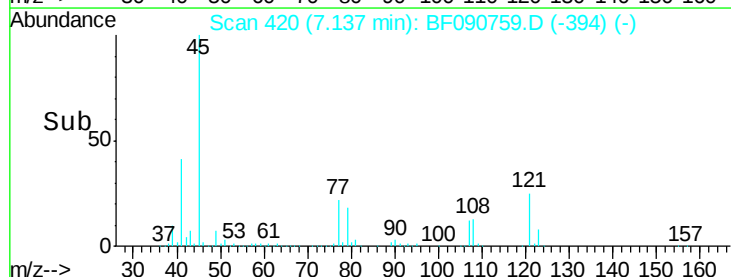
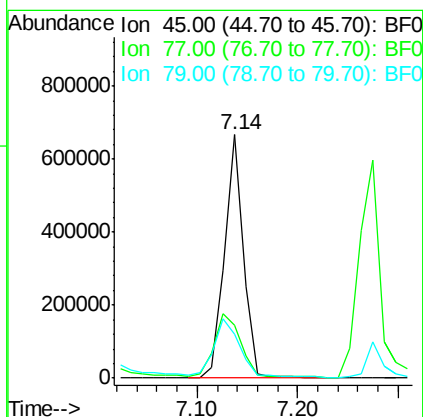
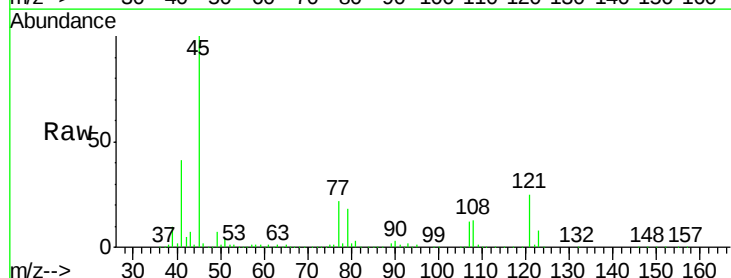
Tgt Ion: 45 Resp: 872643

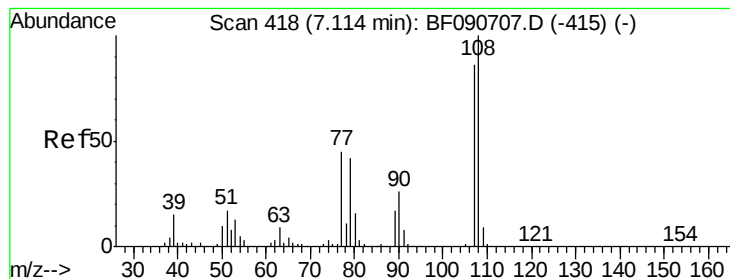
Ion Ratio Lower Upper

45 100

77 21.7 0.0 28.1

79 18.1 0.0 26.0





#17

2-Methylphenol

Concen: 27.22 ng

RT: 7.13 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tgt Ion:107 Resp: 403179

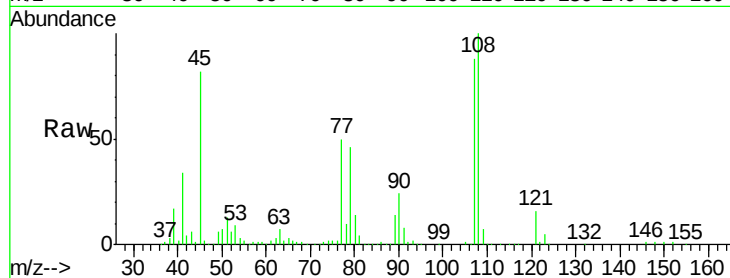
Ion Ratio Lower Upper

107 100

108 114.0 96.6 145.0

77 56.5 23.3 34.9#

79 52.1 22.0 33.0#

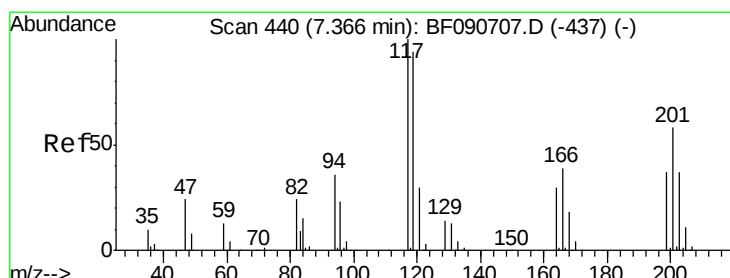
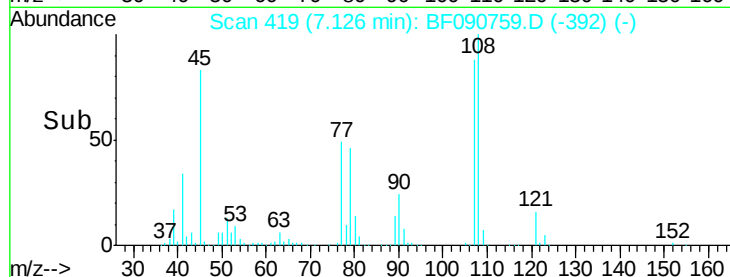
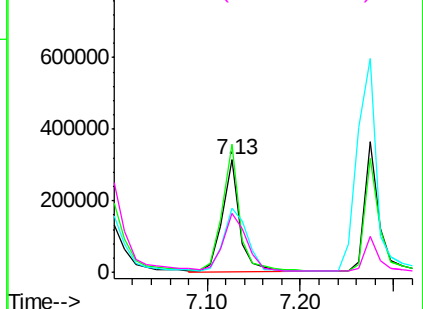


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.77 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

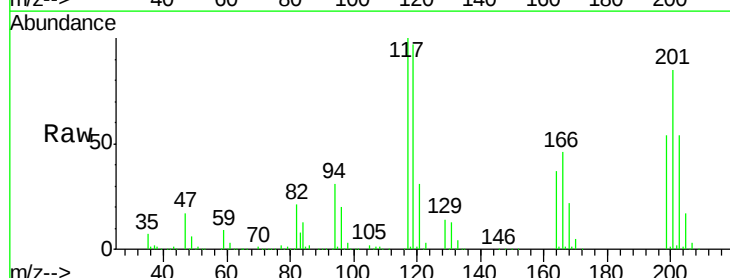
Tgt Ion:117 Resp: 278605

Ion Ratio Lower Upper

117 100

119 96.6 83.8 125.6

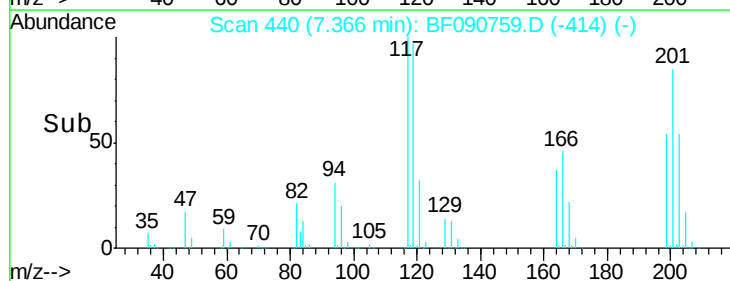
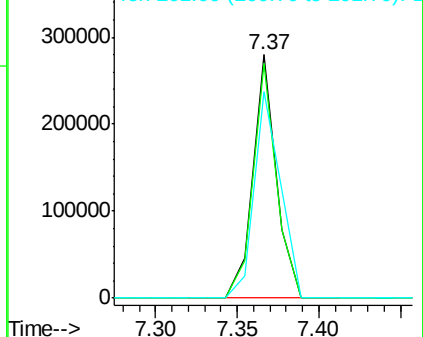
201 85.0 55.1 82.7#

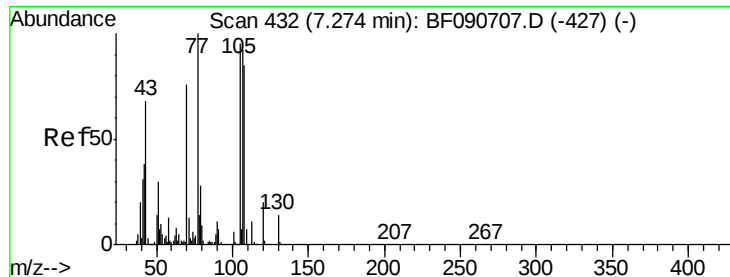


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

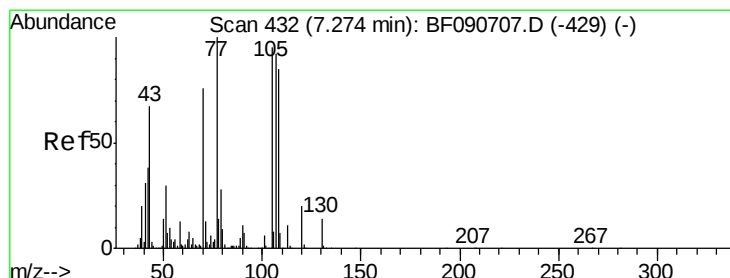
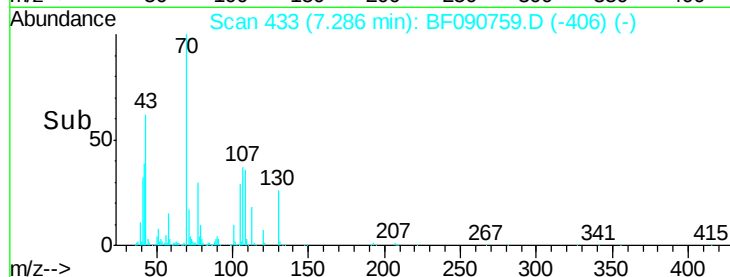
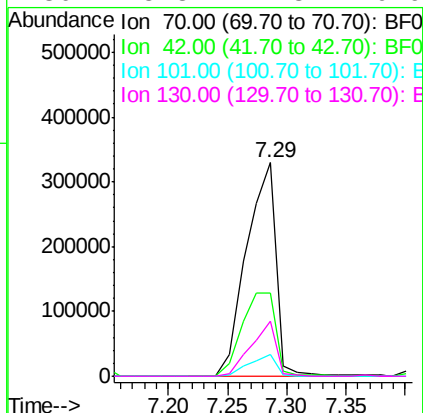
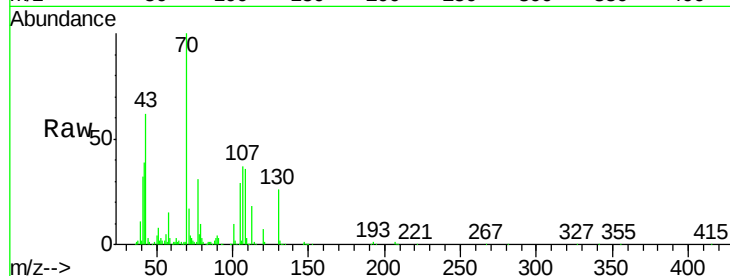




#19
n-Nitroso-di-n-propylamine
Concen: 34.82 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

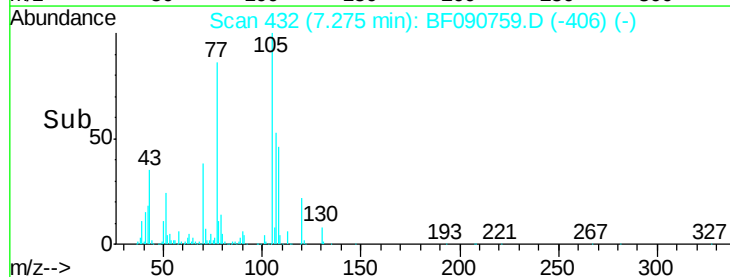
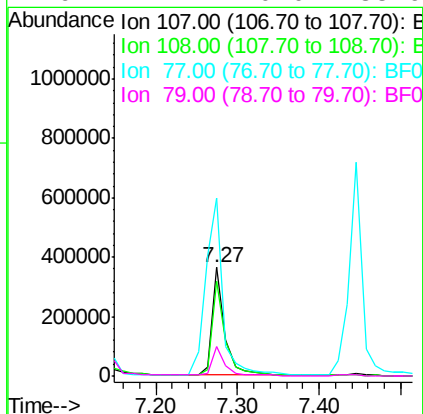
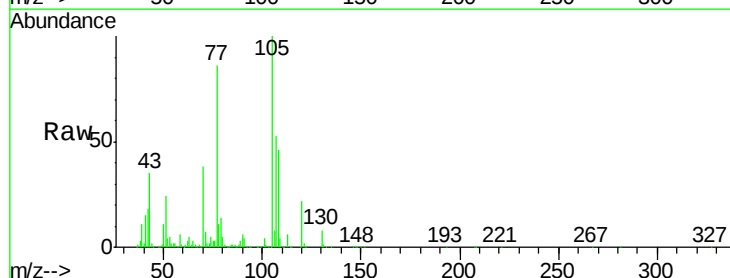
Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

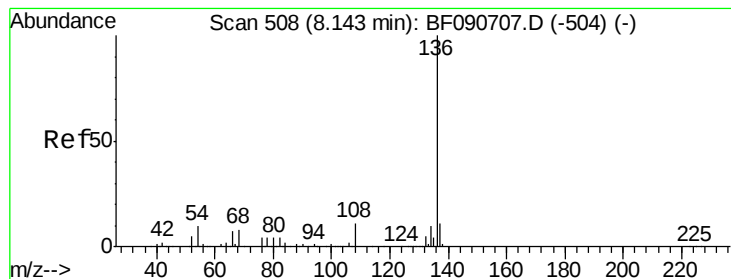
Tgt Ion: 70 Resp: 575156
Ion Ratio Lower Upper
70 100
42 39.0 63.8 95.6#
101 10.2 9.2 13.8
130 25.8 27.3 40.9#



#20
3+4-Methylphenols
Concen: 22.53 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion: 107 Resp: 395586
Ion Ratio Lower Upper
107 100
108 86.7 74.6 114.6
77 163.1 0.7 40.7#
79 27.2 0.0 38.9

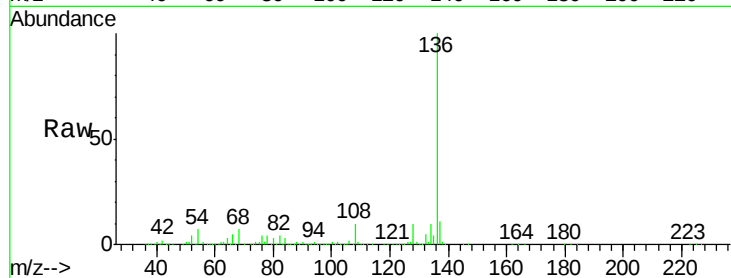




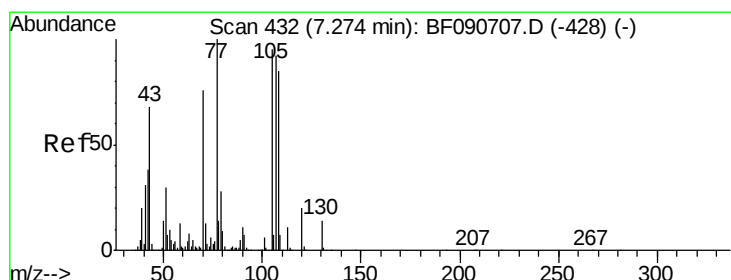
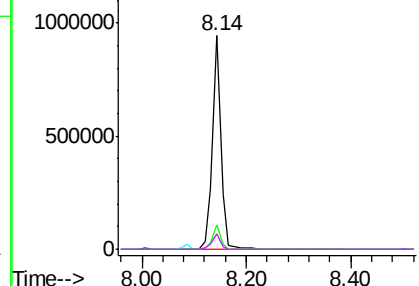
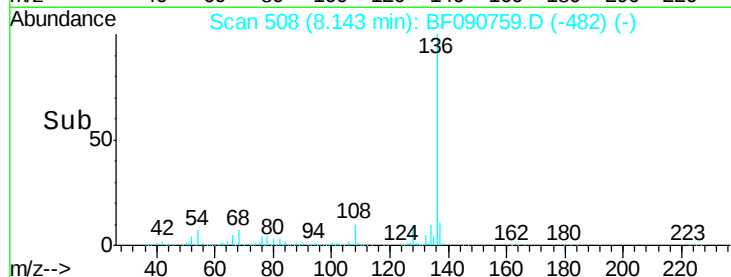
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

Tgt Ion:	136	Resp:	1066586
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	7.4	8.2	12.2#
68	7.1	5.8	8.6

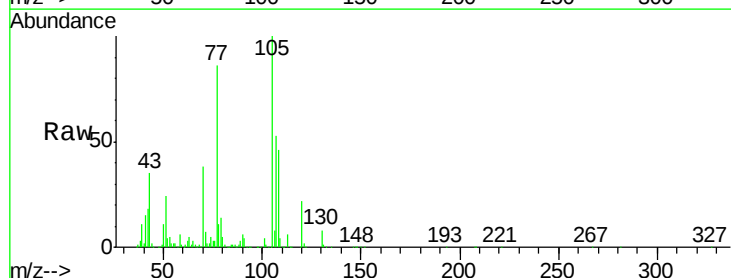


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

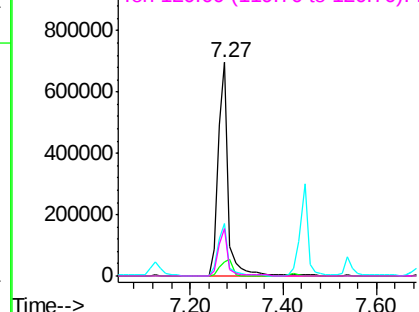
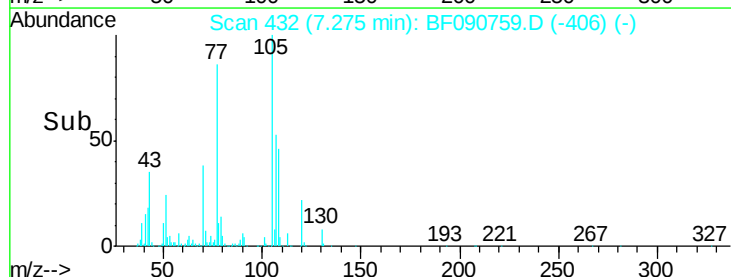


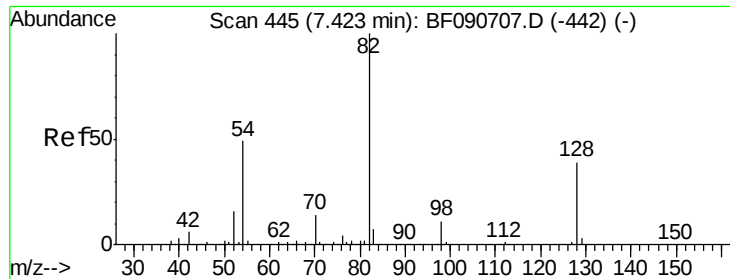
#22
Acetophenone
Concen: 43.94 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion:	105	Resp:	1044499
Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.7	7.1
51	24.5	22.0	33.0
120	22.4	30.1	45.1#



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

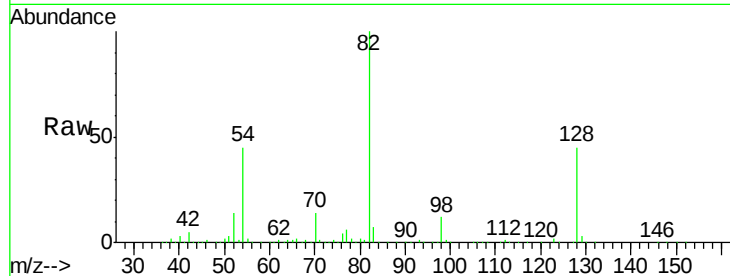




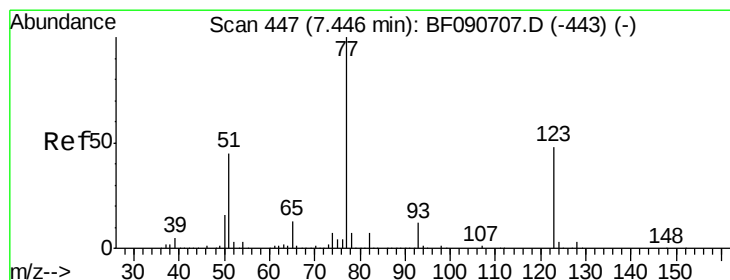
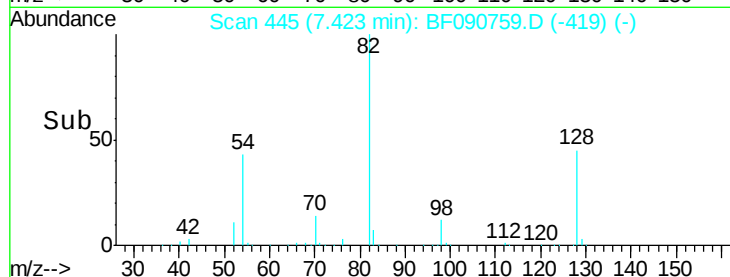
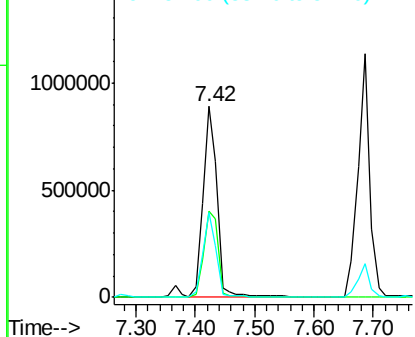
#23
Nitrobenzene-d5
Concen: 76.63 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

Tgt Ion: 82 Resp: 1490252
Ion Ratio Lower Upper
82 100
128 45.2 51.0 76.6#
54 44.6 47.5 71.3#

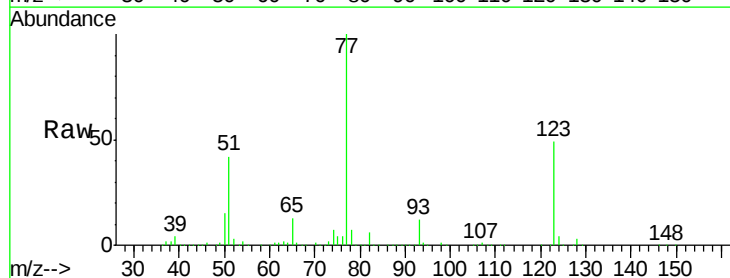


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

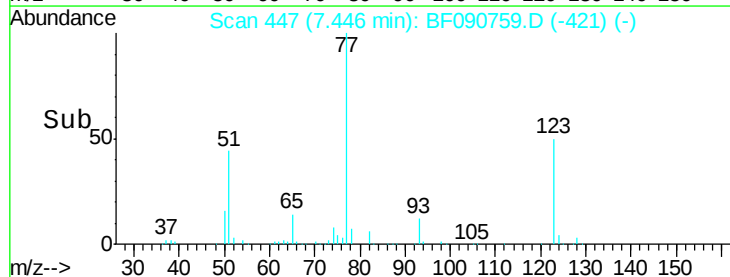
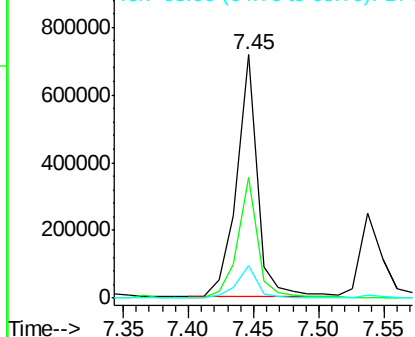


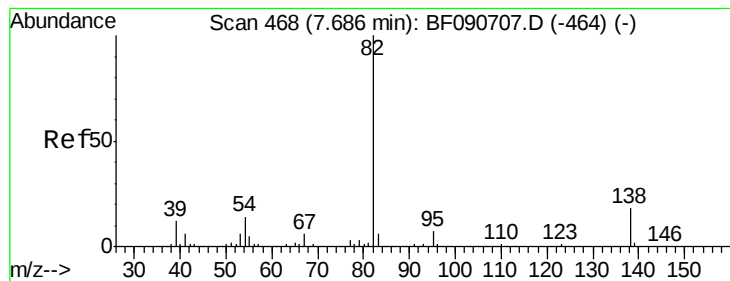
#24
Nitrobenzene
Concen: 37.66 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion: 77 Resp: 793966
Ion Ratio Lower Upper
77 100
123 49.5 59.8 89.8#
65 13.2 10.2 15.4



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: 42.27 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

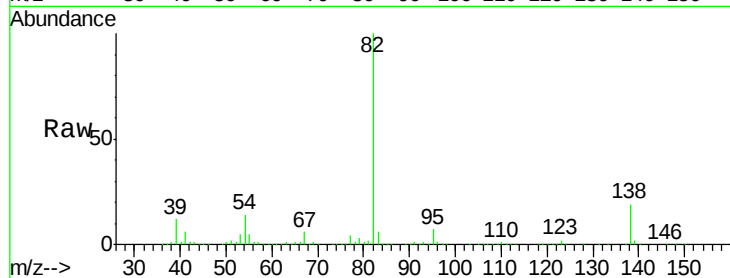
Tgt Ion: 82 Resp: 1555903

Ion Ratio Lower Upper

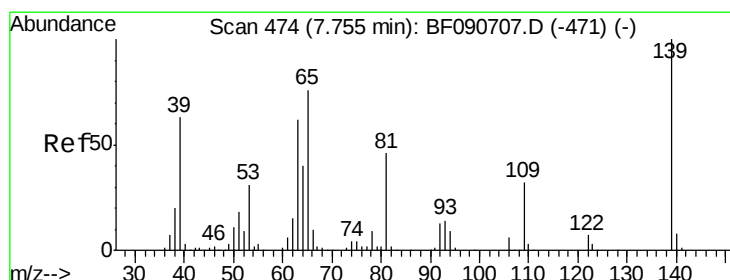
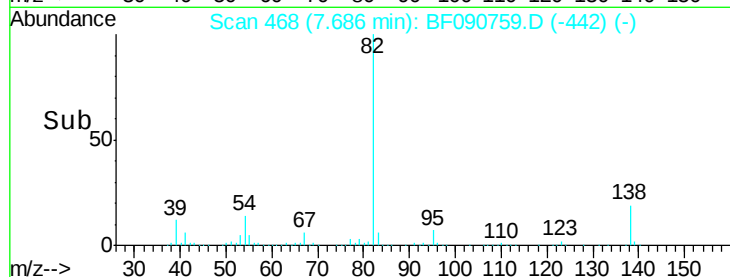
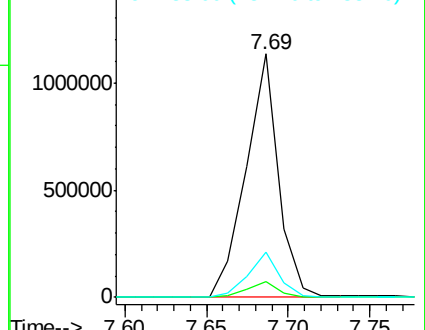
82 100

95 6.6 4.0 6.0#

138 18.7 18.3 27.5



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: 48.77 ng

RT: 7.77 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

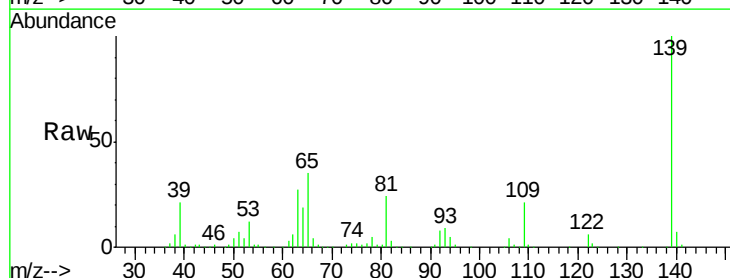
Tgt Ion: 139 Resp: 420014

Ion Ratio Lower Upper

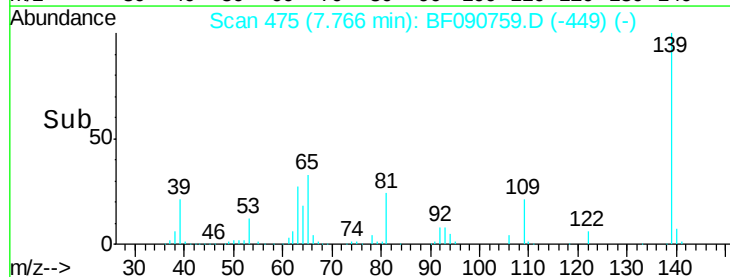
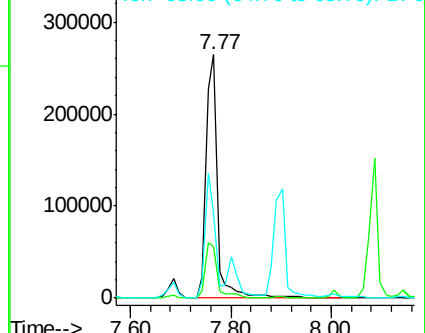
139 100

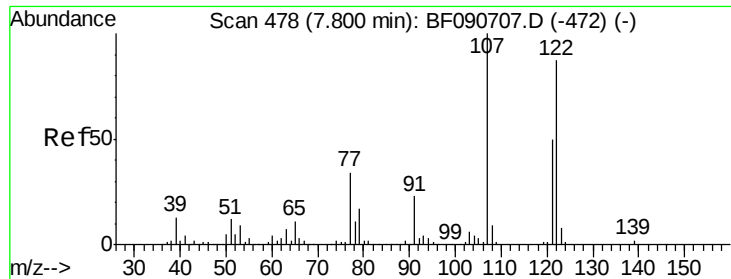
109 21.3 11.0 16.4#

65 34.8 24.7 37.1



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

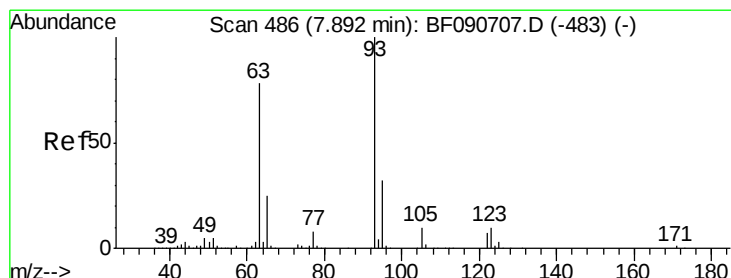
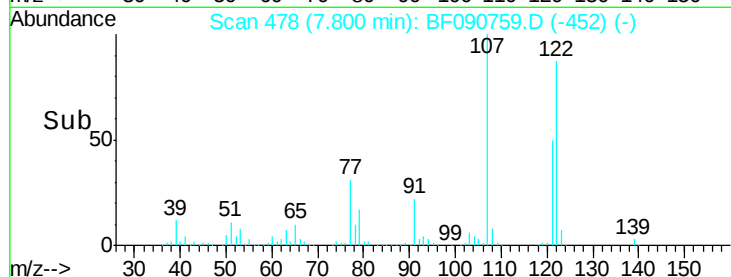
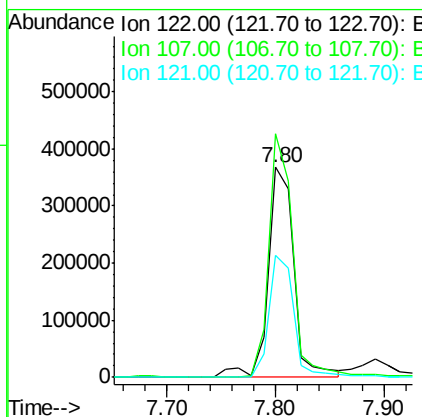
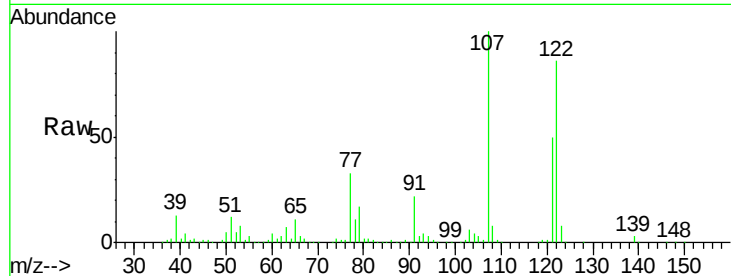




#27
 2,4-Dimethylphenol
 Concen: 39.55 ng
 RT: 7.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

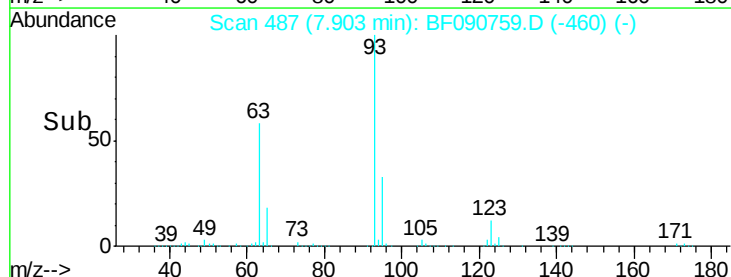
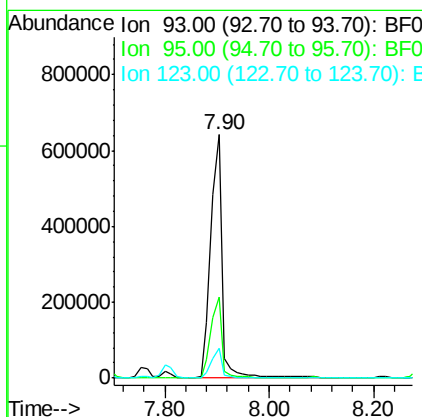
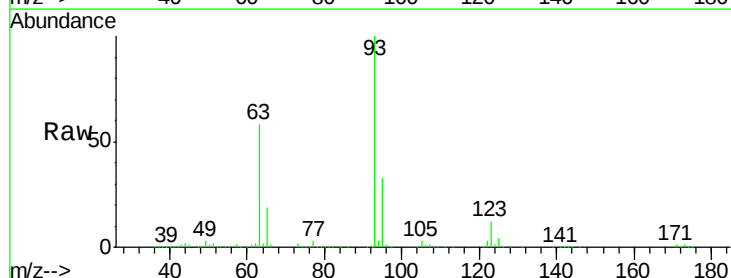
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

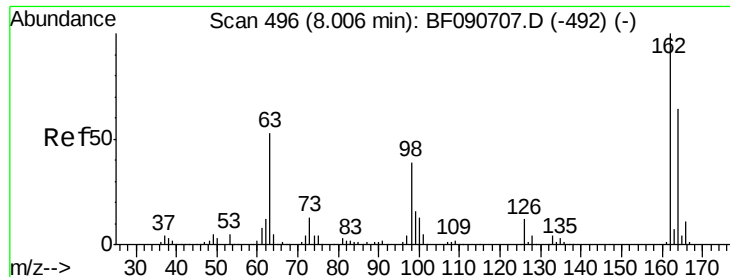
Tgt Ion:122 Resp: 604004
 Ion Ratio Lower Upper
 122 100
 107 116.0 71.8 107.6#
 121 58.3 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.52 ng
 RT: 7.90 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion: 93 Resp: 977163
 Ion Ratio Lower Upper
 93 100
 95 33.3 27.5 41.3
 123 12.4 13.7 20.5#

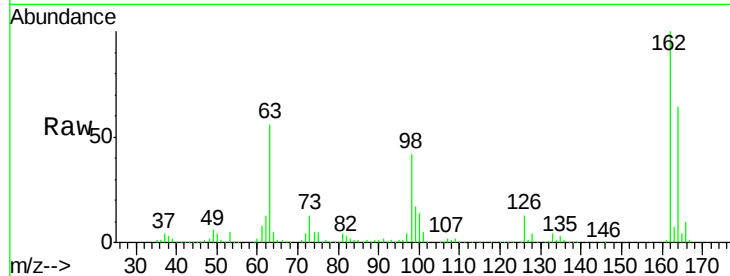




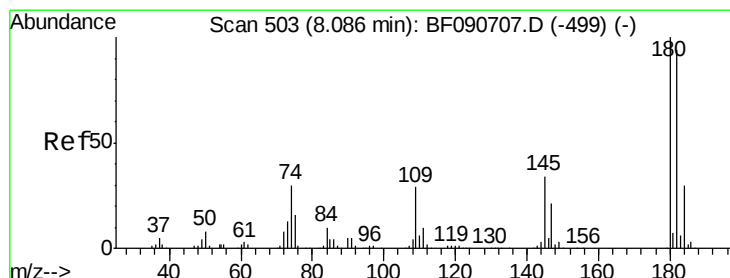
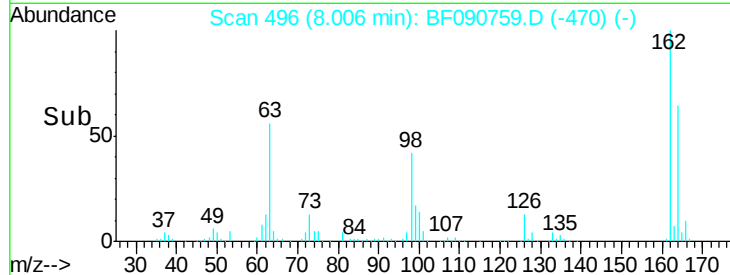
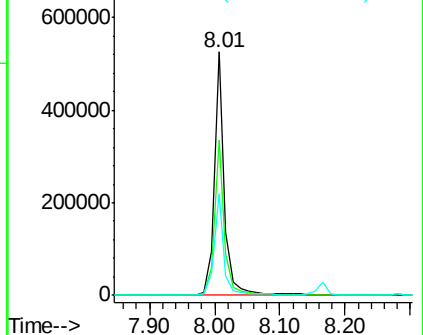
#29
 2,4-Dichlorophenol
 Concen: 46.45 ng
 RT: 8.01 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	41.8	13.0	53.0

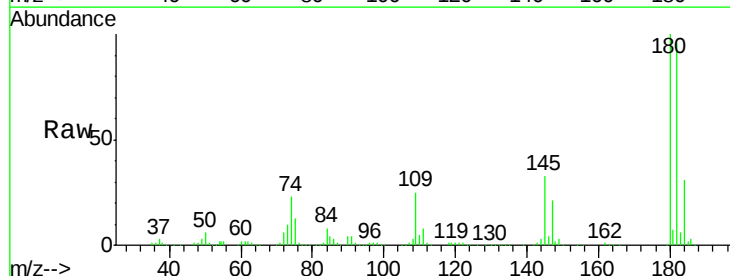


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

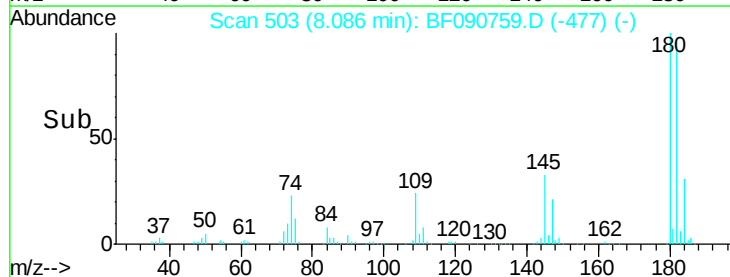
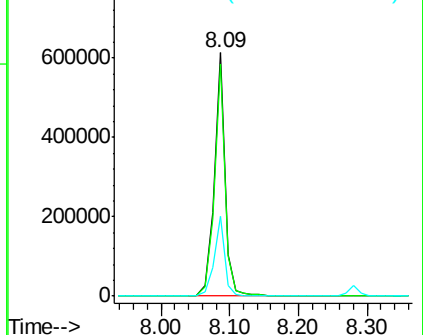


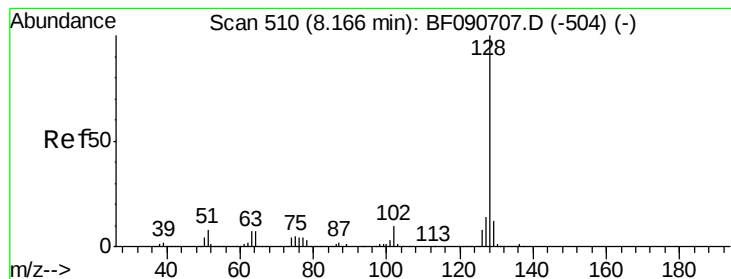
#30
 1,2,4-Trichlorobenzene
 Concen: 46.25 ng
 RT: 8.09 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.1	115.7
145	32.5	23.3	34.9



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: 41.42 ng

RT: 8.17 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

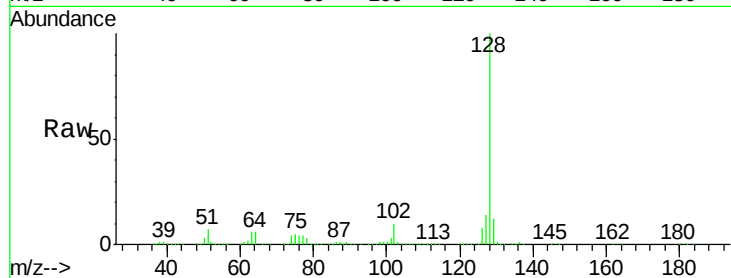
Tgt Ion:128 Resp: 2161274

Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

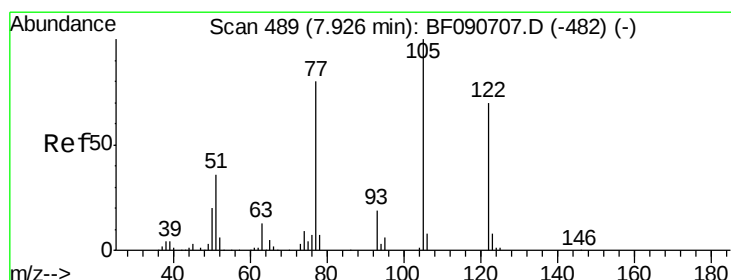
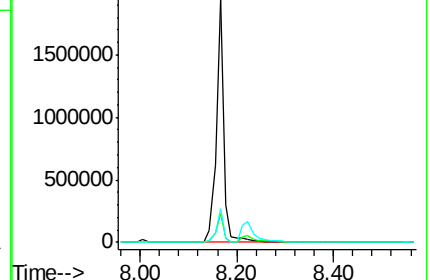
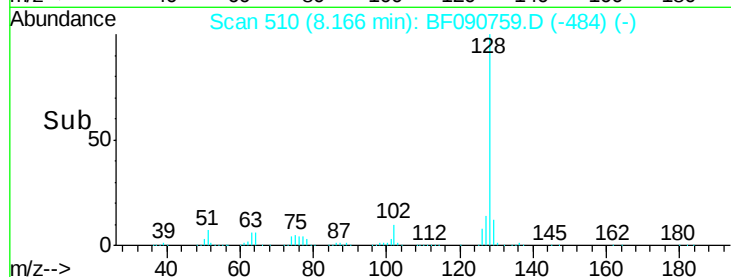
127 13.9 9.9 14.9



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: 13.99 ng

RT: 7.89 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

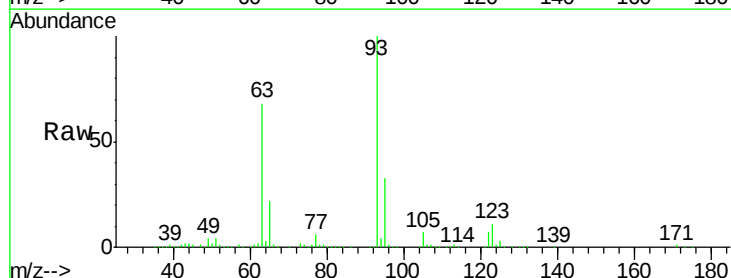
Tgt Ion:122 Resp: 82323

Ion Ratio Lower Upper

122 100

105 109.9 76.1 116.1

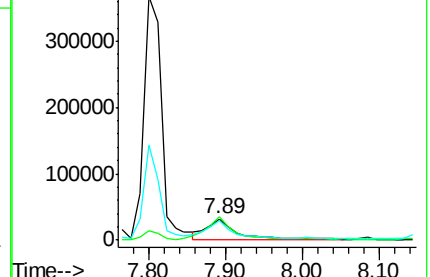
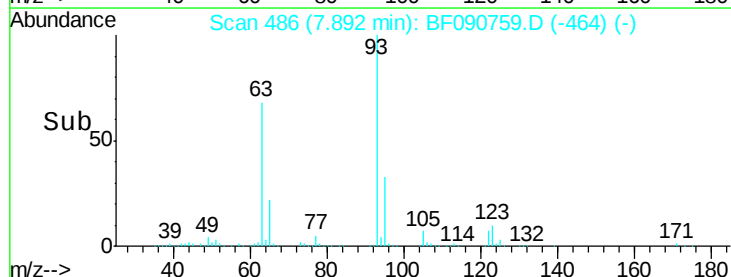
77 90.1 40.5 80.5#

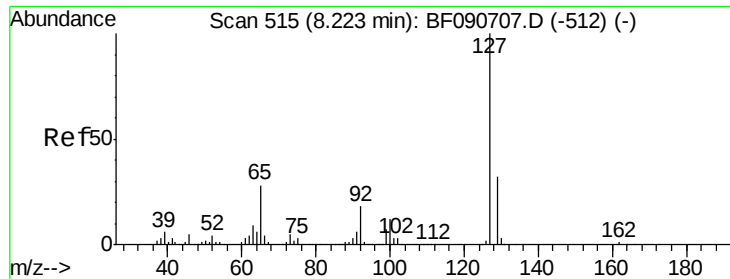


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

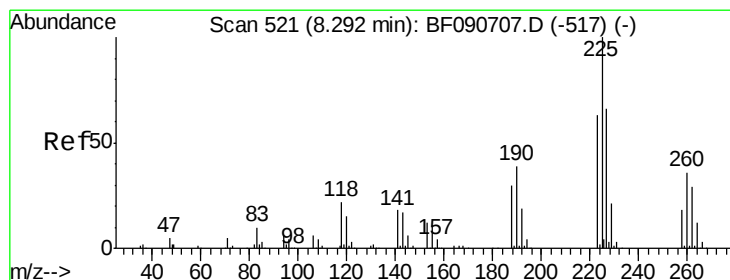
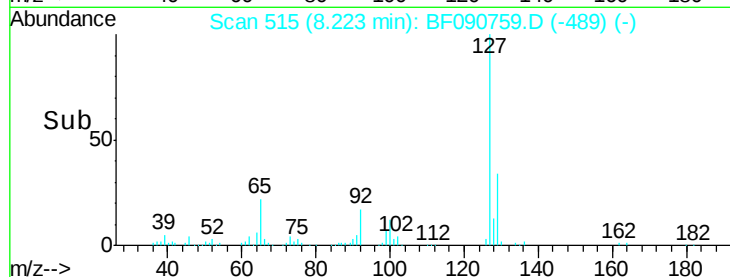
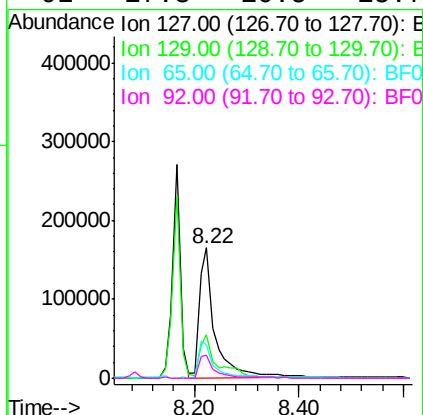
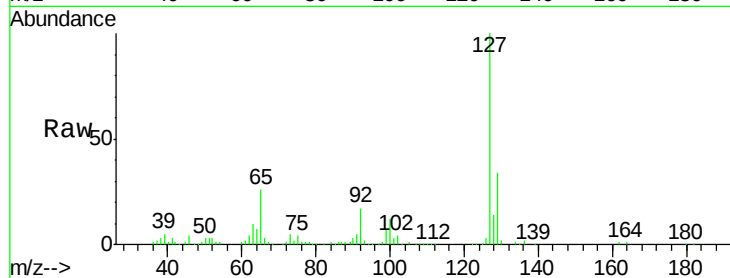




#33
4-Chloroaniline
Concen: 17.62 ng
RT: 8.22 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

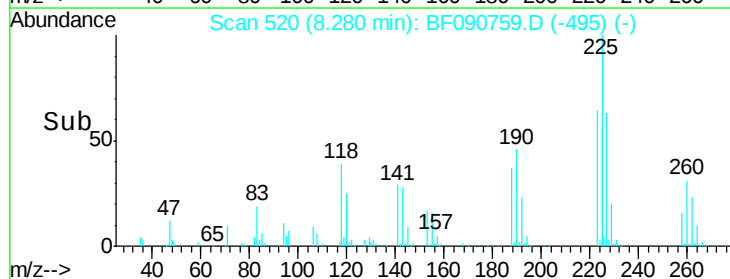
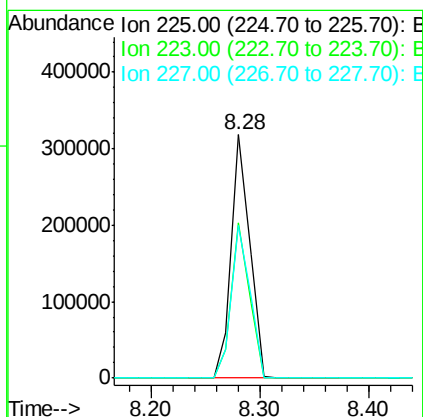
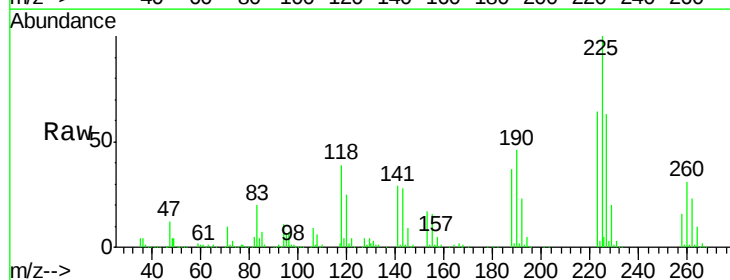
Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

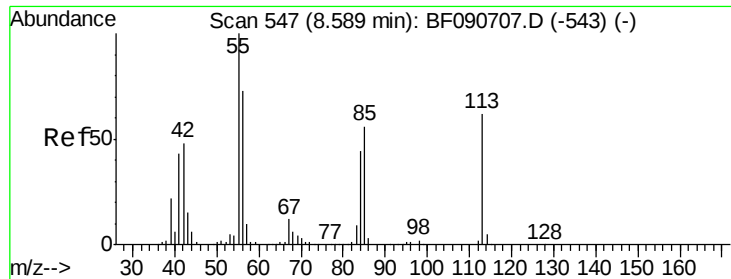
Tgt Ion:	127	Resp:	341015
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.6
65	25.8	17.9	26.9
92	17.3	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 44.92 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion:	225	Resp:	372490
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.2
227	63.0	52.2	78.2





#35

Caprolactam

Concen: 6.90 ng

RT: 8.60 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

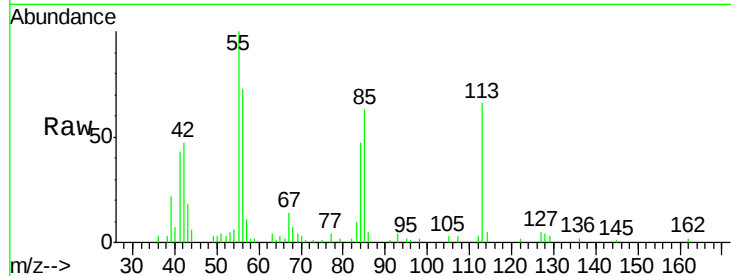
Tgt Ion:113 Resp: 24712

Ion Ratio Lower Upper

113 100

55 151.9 152.4 192.4#

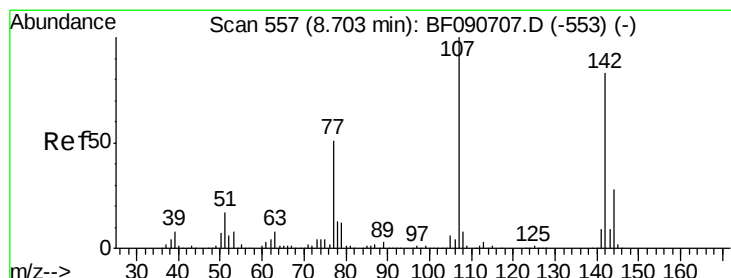
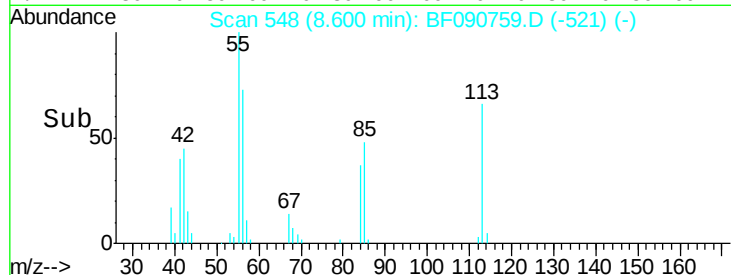
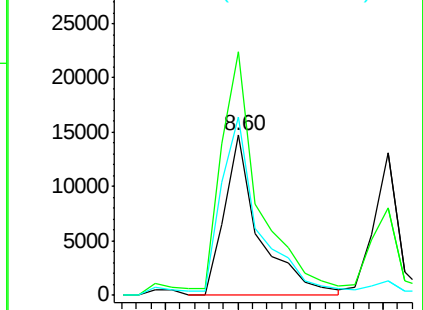
56 111.5 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.24 ng

RT: 8.70 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

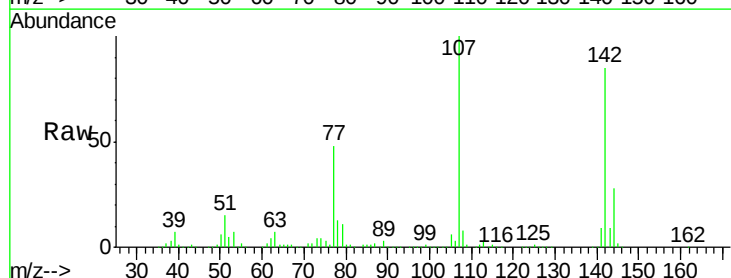
Tgt Ion:107 Resp: 557358

Ion Ratio Lower Upper

107 100

144 27.9 25.4 38.0

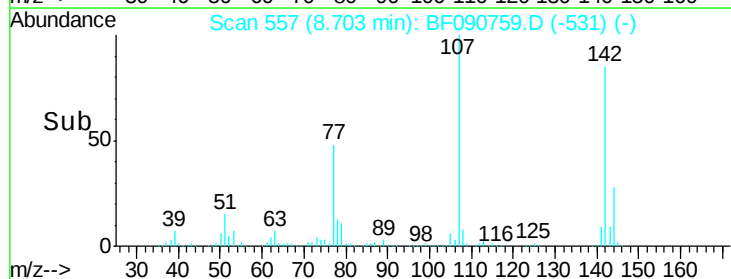
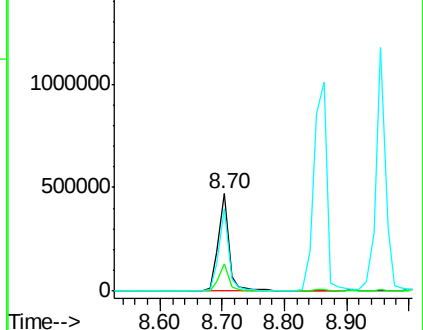
142 84.8 77.3 115.9

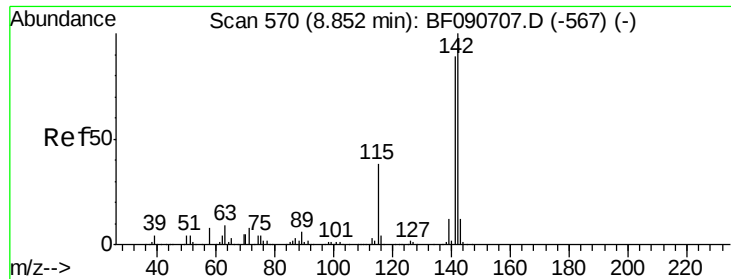


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

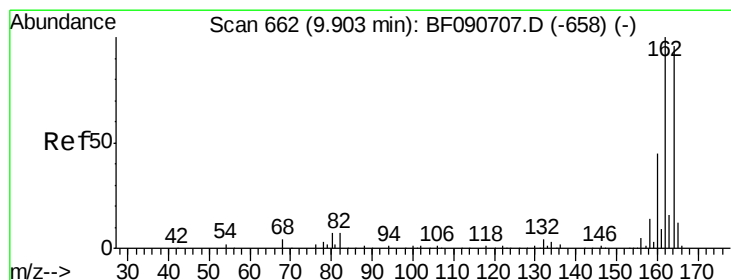
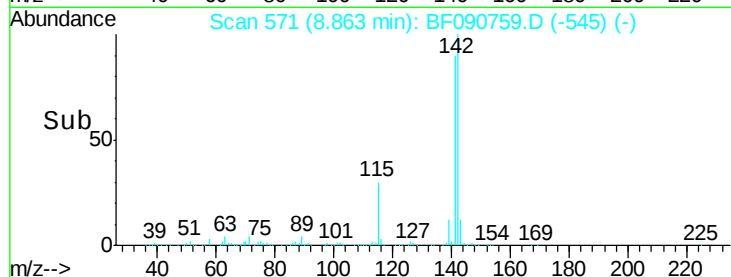
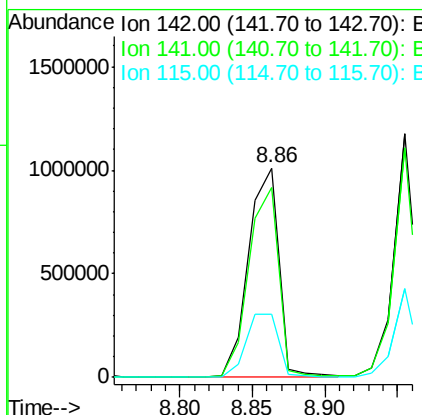
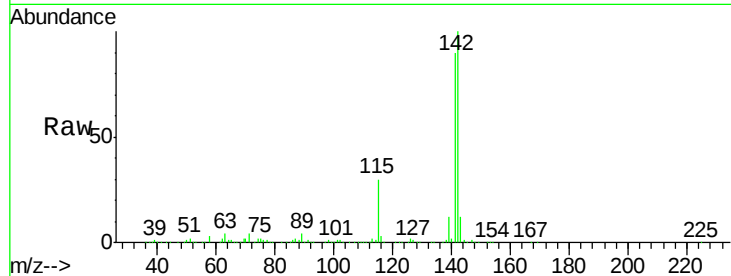




#37
2-Methylnaphthalene
Concen: 48.00 ng
RT: 8.86 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

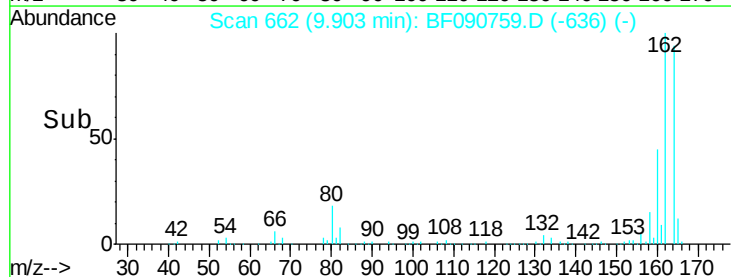
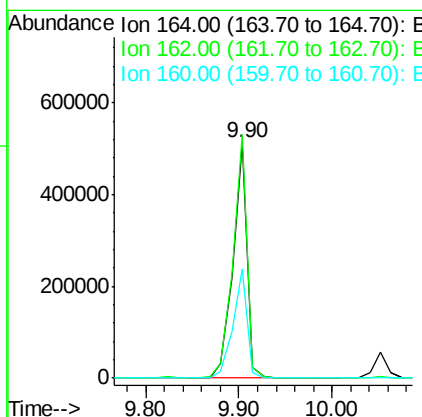
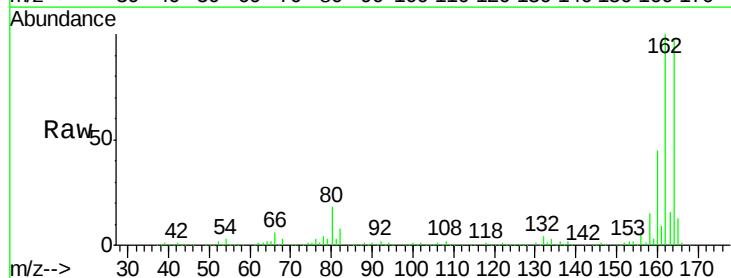
Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

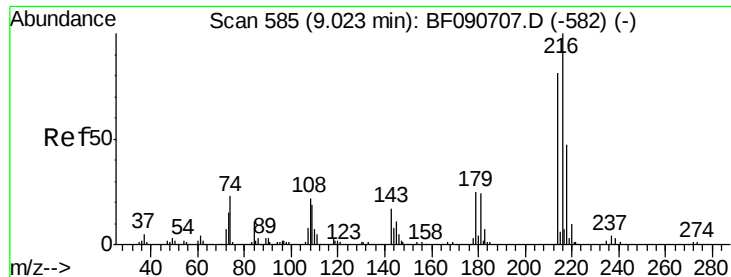
Tgt Ion:142 Resp: 1463516
Ion Ratio Lower Upper
142 100
141 90.4 67.5 101.3
115 30.0 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion:164 Resp: 548687
Ion Ratio Lower Upper
164 100
162 103.6 75.2 112.8
160 46.3 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.70 ng

RT: 9.02 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tgt Ion:216 Resp: 647482

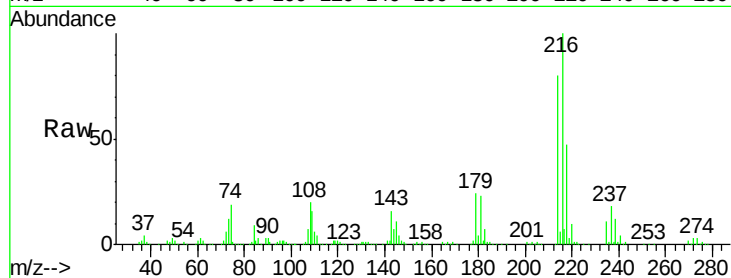
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 22.3 16.6 24.8

108 20.3 16.3 24.5

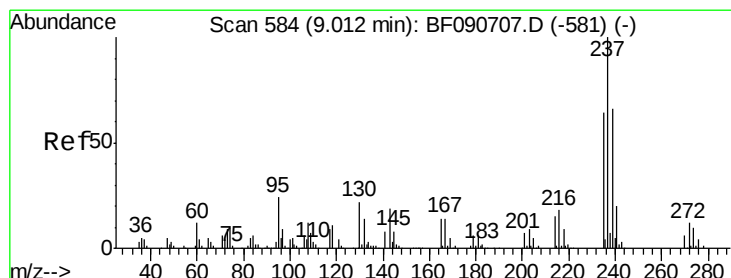
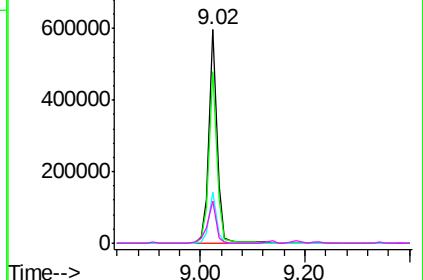
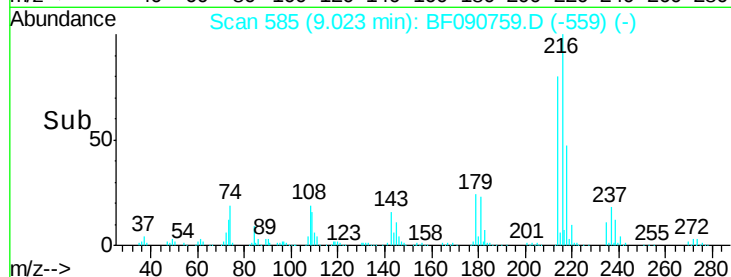


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.70 ng

RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

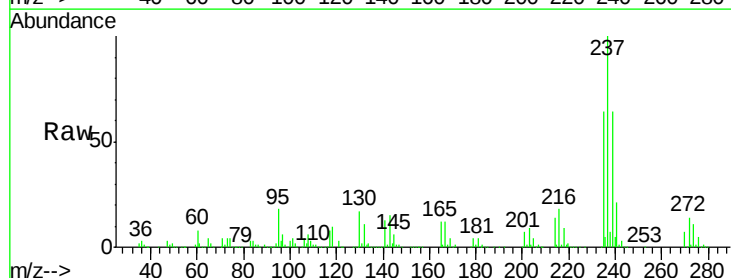
Tgt Ion:237 Resp: 686529

Ion Ratio Lower Upper

237 100

235 63.9 42.0 82.0

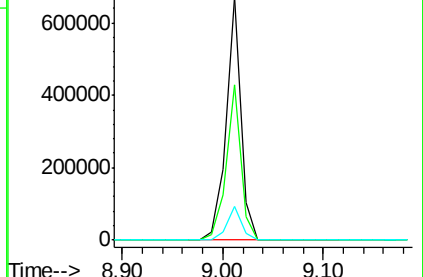
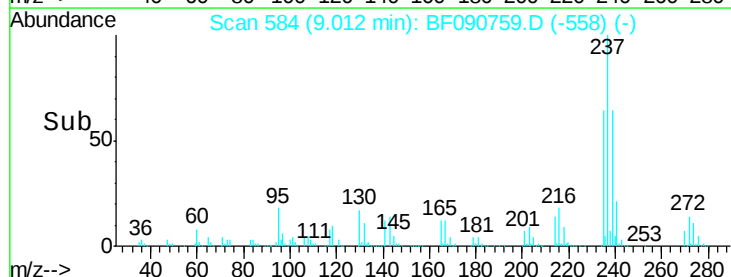
272 13.9 0.0 36.1

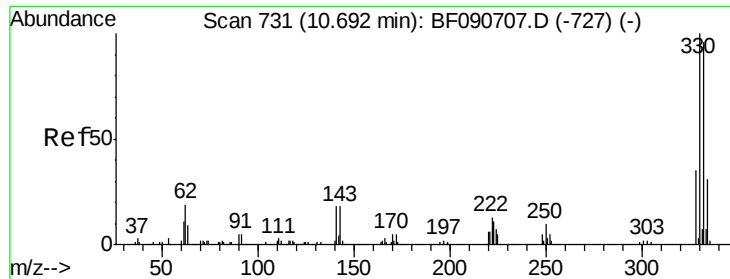


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

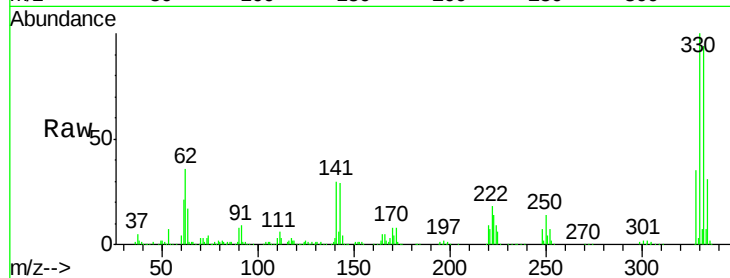




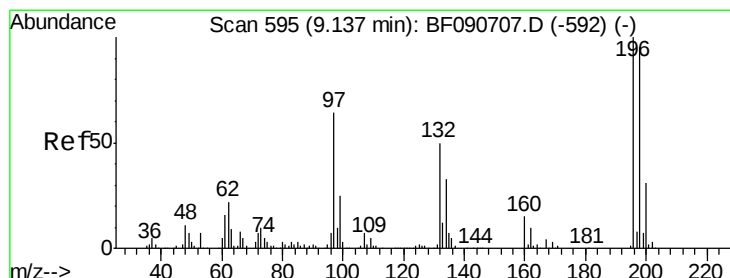
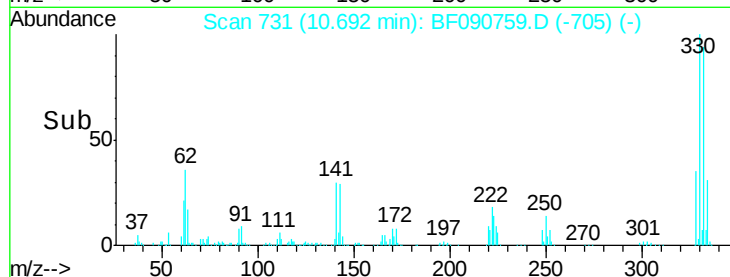
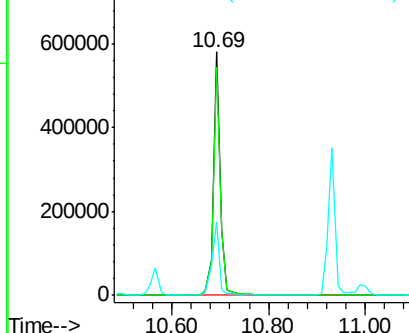
#41
 2,4,6-Tribromophenol
 Concen: 139.07 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	31.2	29.7	44.5

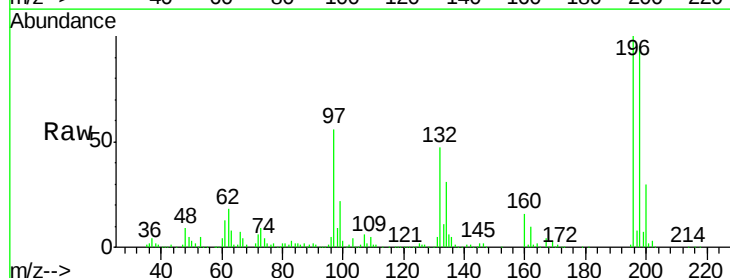


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

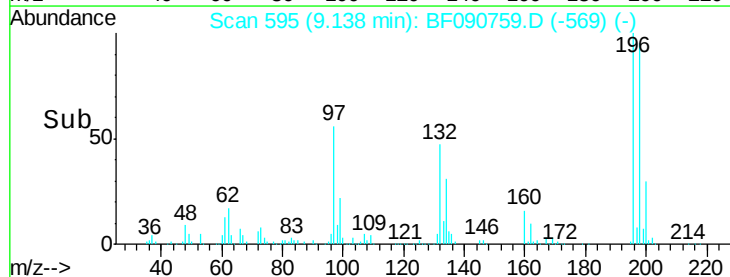
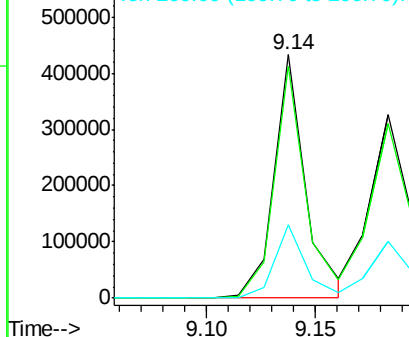


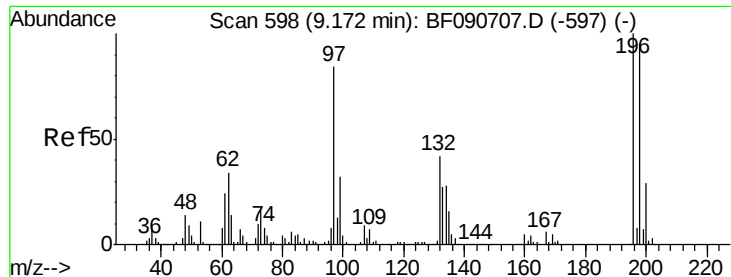
#42
 2,4,6-Trichlorophenol
 Concen: 47.72 ng
 RT: 9.14 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	30.2	23.9	35.9



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

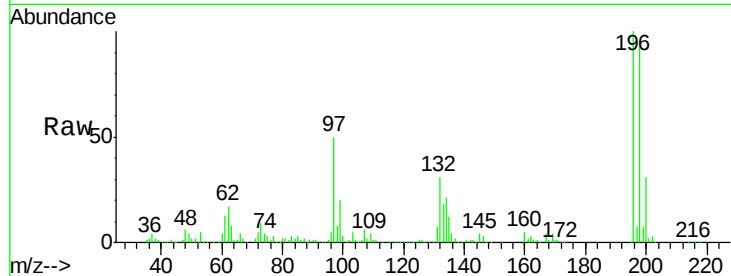




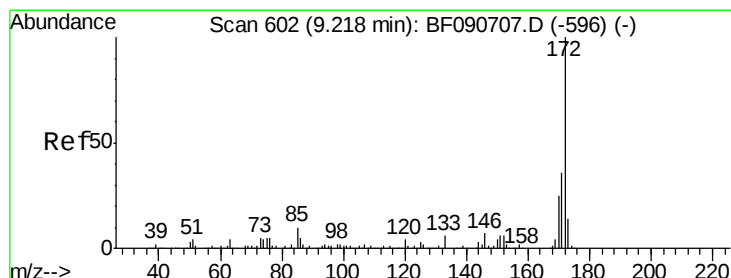
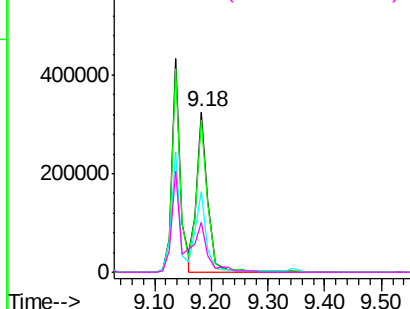
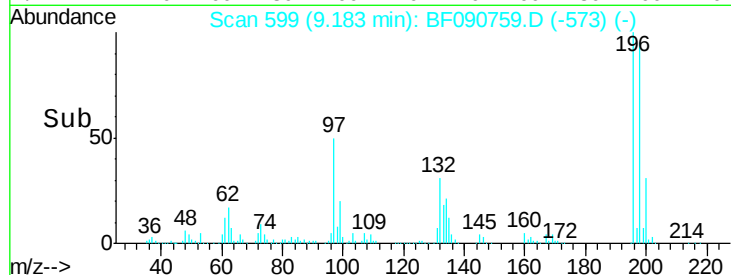
#43
 2,4,5-Trichlorophenol
 Concen: 47.19 ng
 RT: 9.18 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

Tgt Ion:196 Resp: 440020
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.4 113.0
 97 50.4 33.3 49.9#
 132 30.8 24.6 37.0

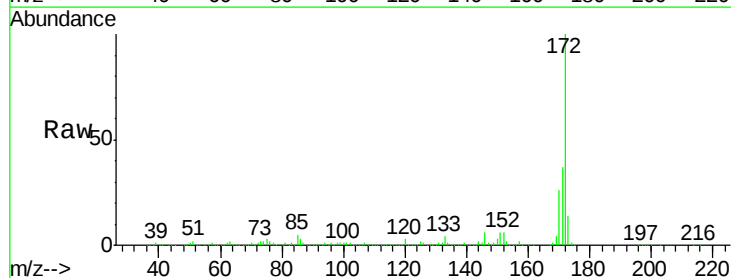


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

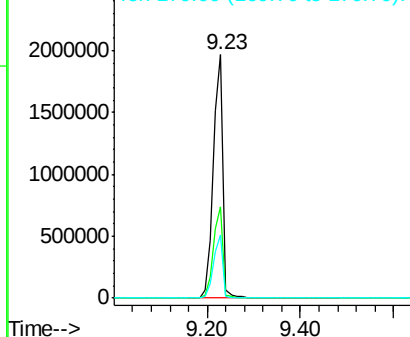
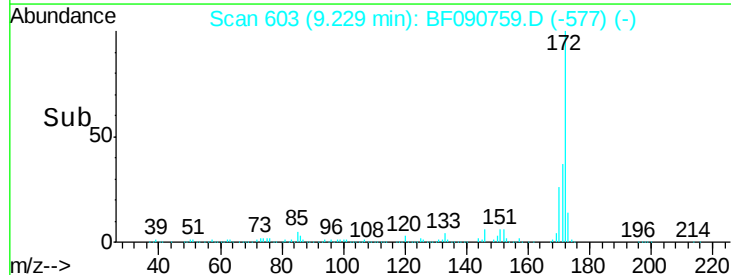


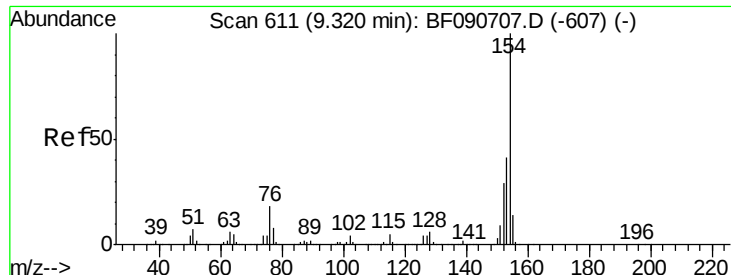
#44
 2-Fluorobiphenyl
 Concen: 81.14 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion:172 Resp: 2867832
 Ion Ratio Lower Upper
 172 100
 171 37.4 26.1 39.1
 170 25.7 17.4 26.2



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

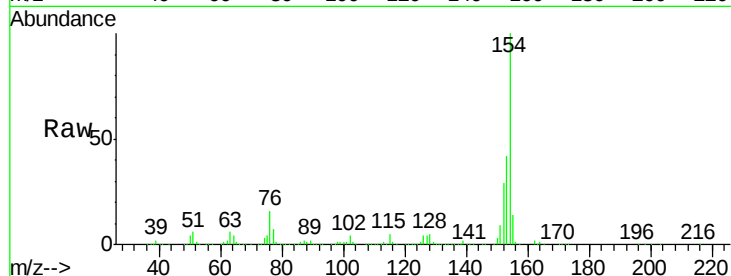




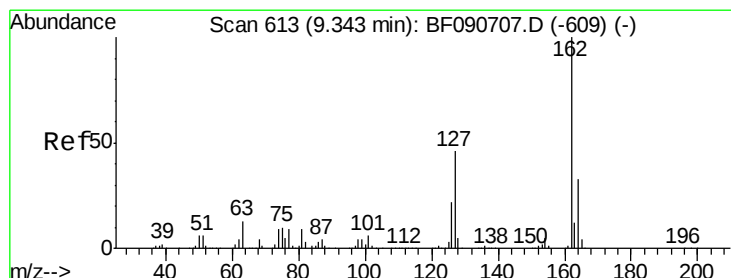
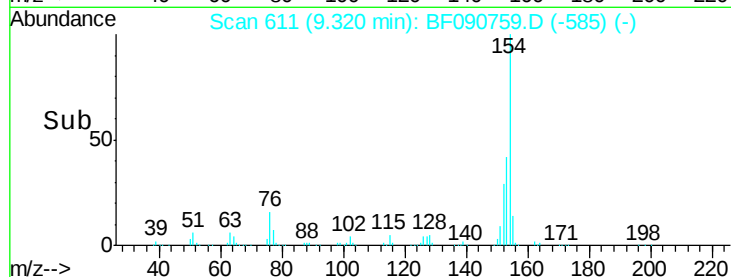
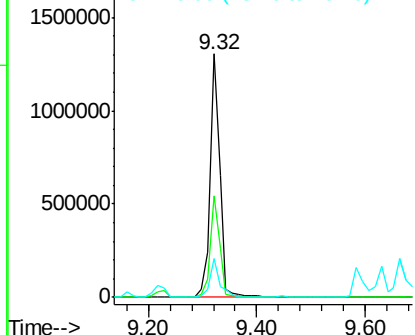
#45
 1,1'-Biphenyl
 Concen: 38.12 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

Tgt Ion:154 Resp: 1642704
 Ion Ratio Lower Upper
 154 100
 153 41.7 17.1 57.1
 76 15.8 0.0 31.6

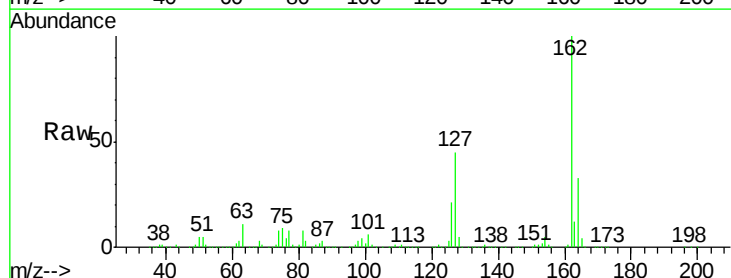


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

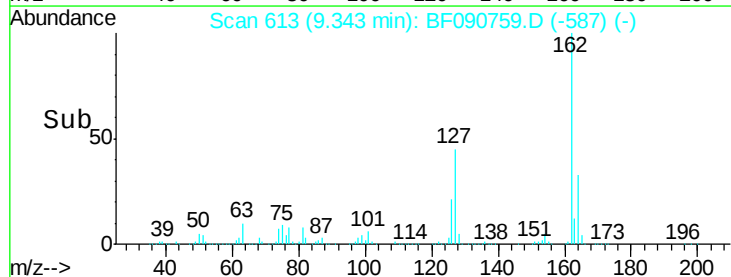
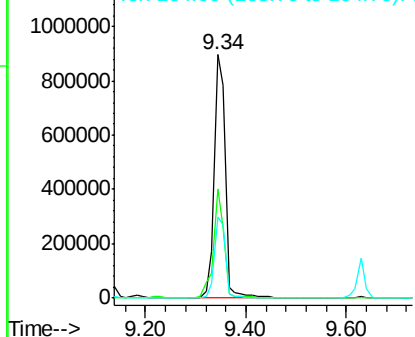


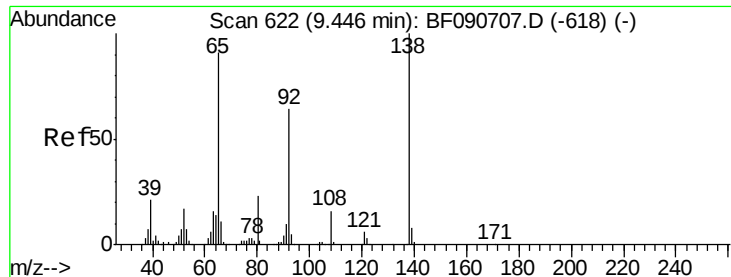
#46
 2-Chloronaphthalene
 Concen: 43.18 ng
 RT: 9.34 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion:162 Resp: 1382927
 Ion Ratio Lower Upper
 162 100
 127 44.6 27.6 41.4#
 164 33.0 25.4 38.2



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: 40.74 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

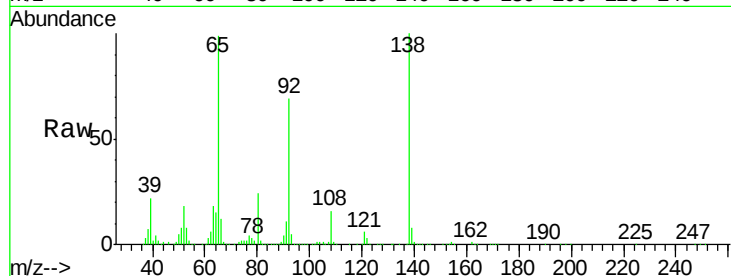
Tgt Ion: 65 Resp: 433110

Ion Ratio Lower Upper

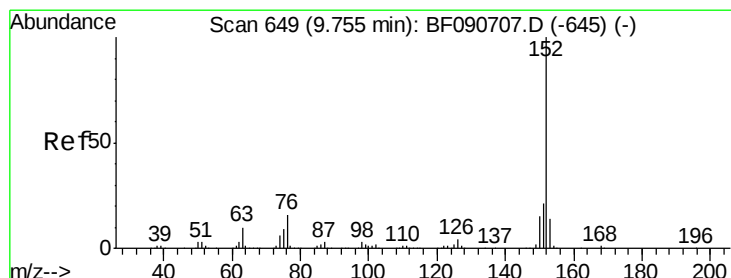
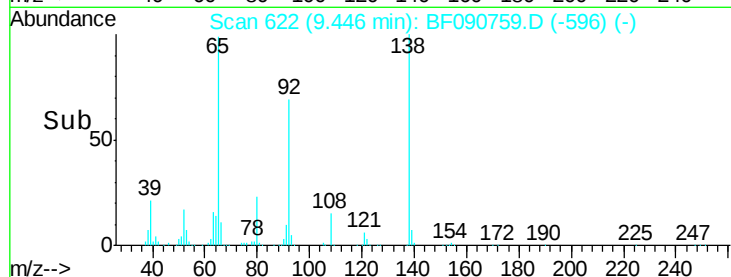
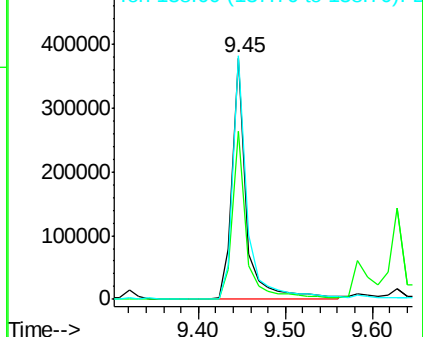
65 100

92 69.9 55.4 83.0

138 100.8 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 43.50 ng

RT: 9.77 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

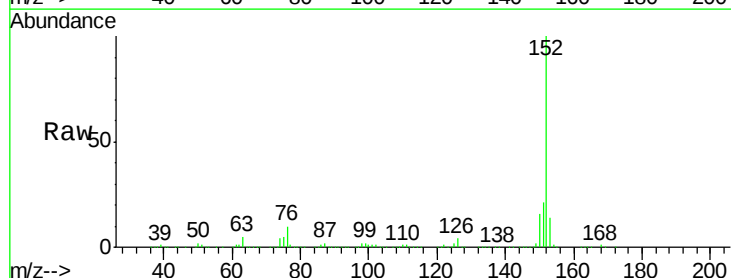
Tgt Ion: 152 Resp: 2125978

Ion Ratio Lower Upper

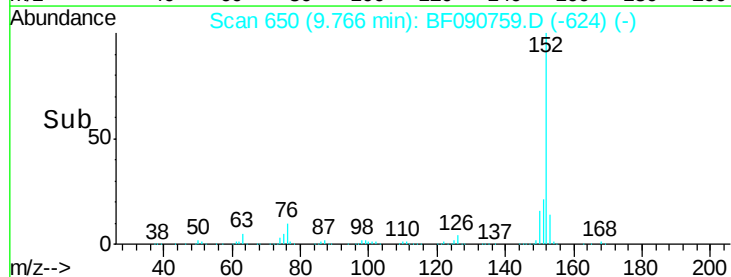
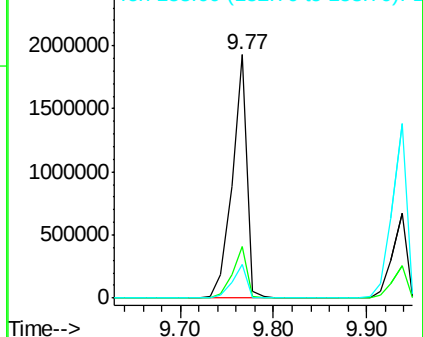
152 100

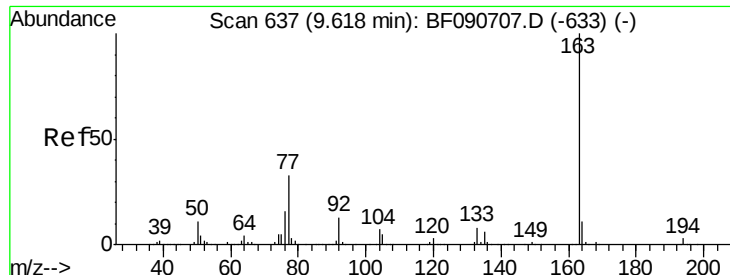
151 21.3 14.6 22.0

153 14.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 44.85 ng

RT: 9.63 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

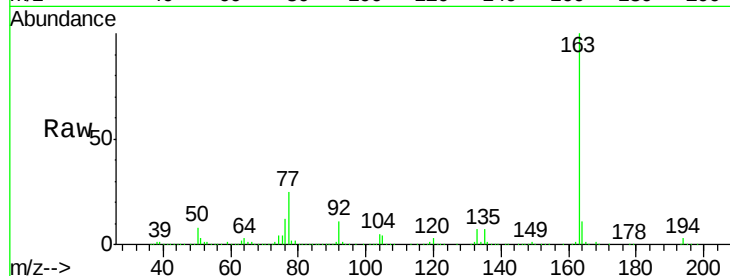
Tgt Ion:163 Resp: 1546201

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

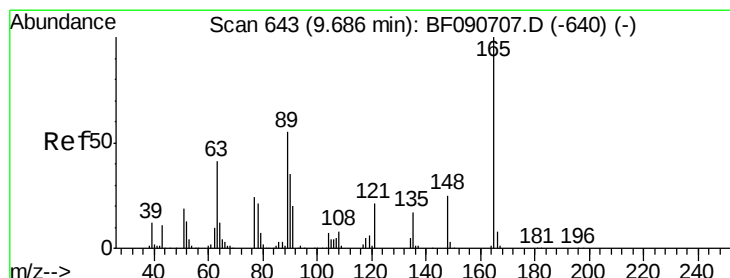
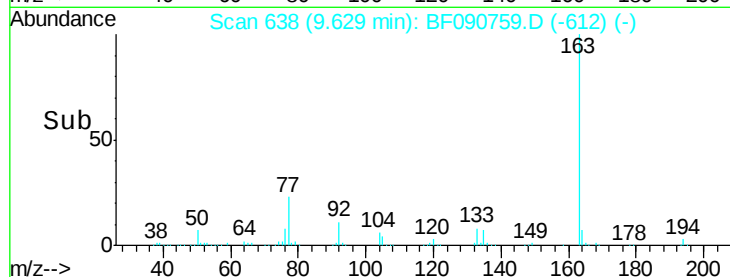
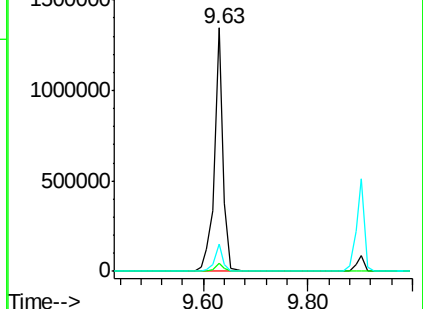
164 11.0 8.3 12.5



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: 46.43 ng

RT: 9.69 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

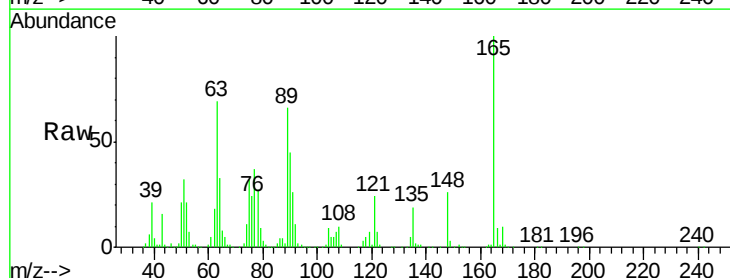
Tgt Ion:165 Resp: 344234

Ion Ratio Lower Upper

165 100

63 69.1 32.3 48.5#

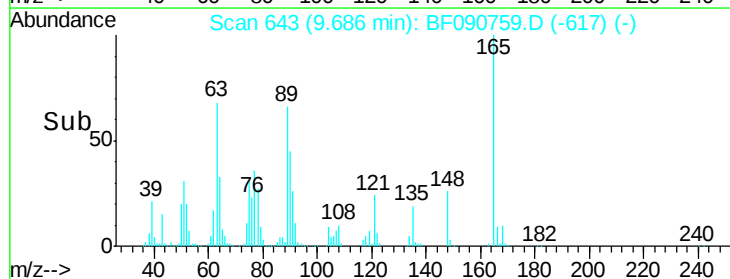
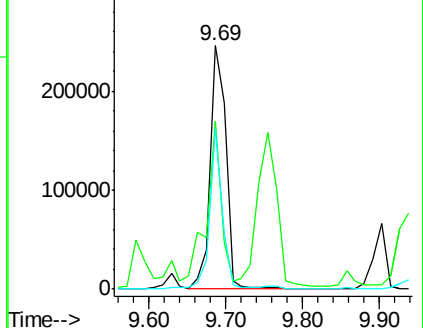
89 65.7 28.6 43.0#

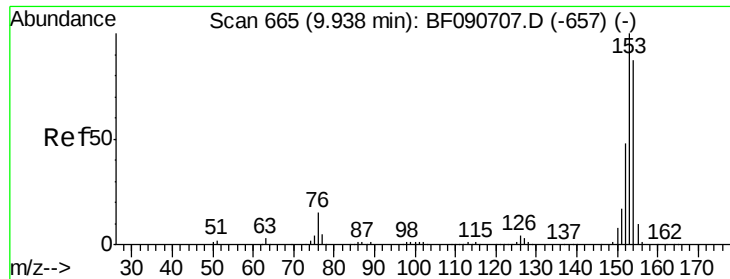


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.11 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

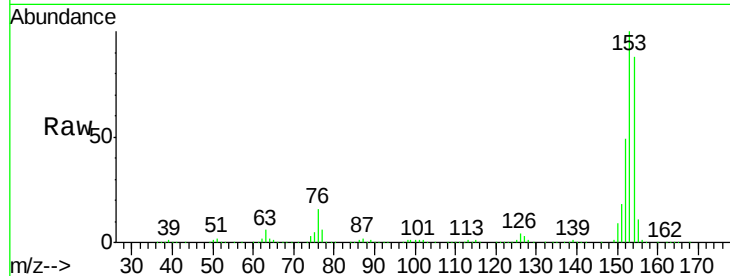
Tgt Ion:154 Resp: 1496050

Ion Ratio Lower Upper

154 100

153 113.6 82.1 123.1

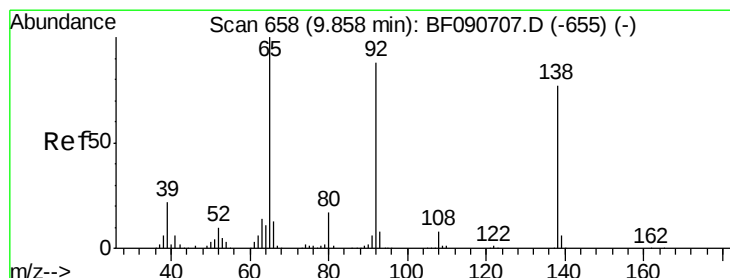
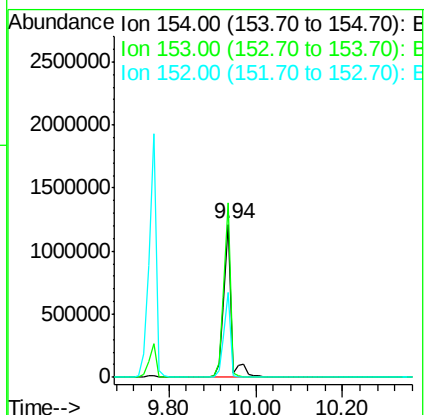
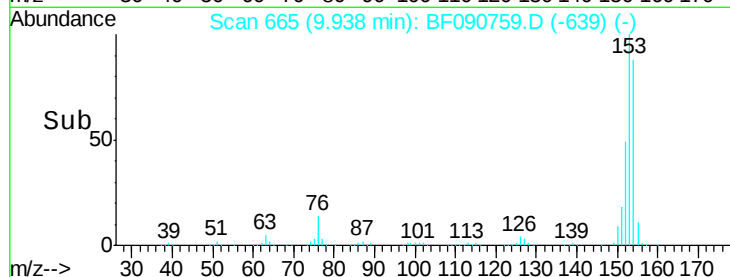
152 55.5 37.9 56.9



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: 16.87 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

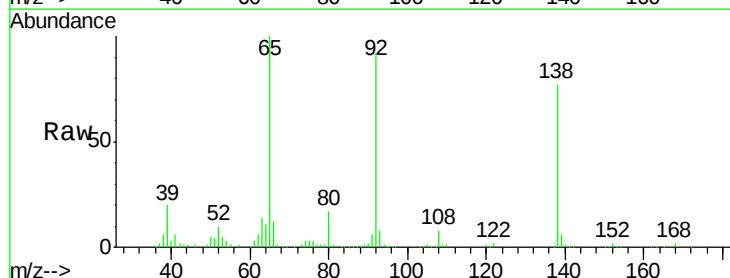
Tgt Ion:138 Resp: 143753

Ion Ratio Lower Upper

138 100

108 10.5 5.7 8.5#

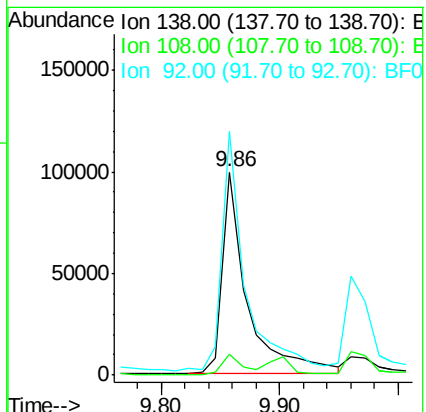
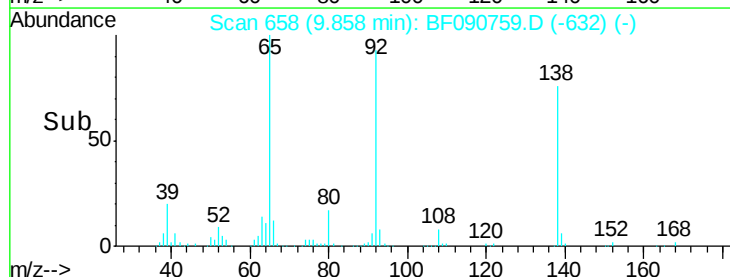
92 120.1 67.7 101.5#

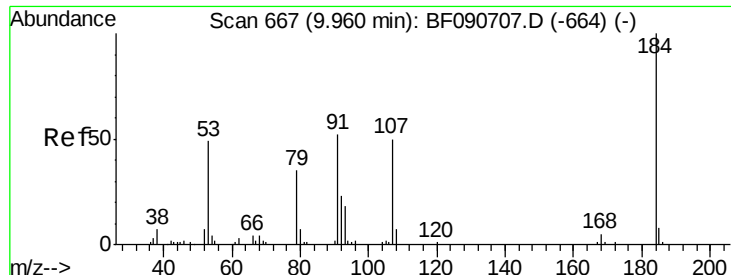


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

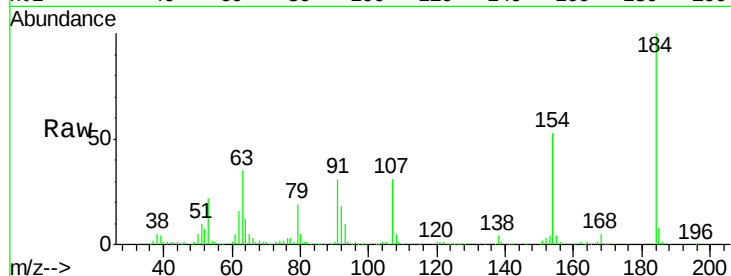




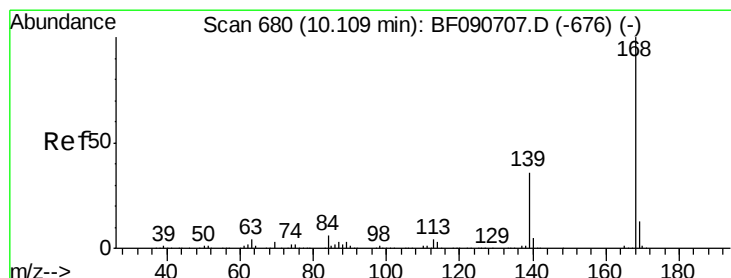
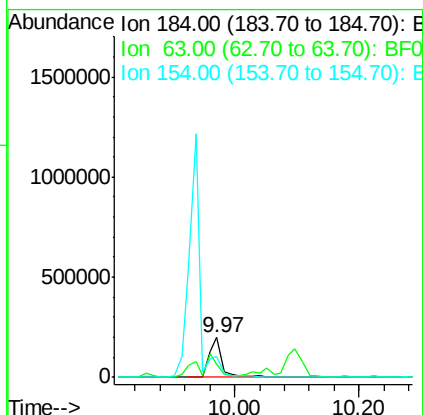
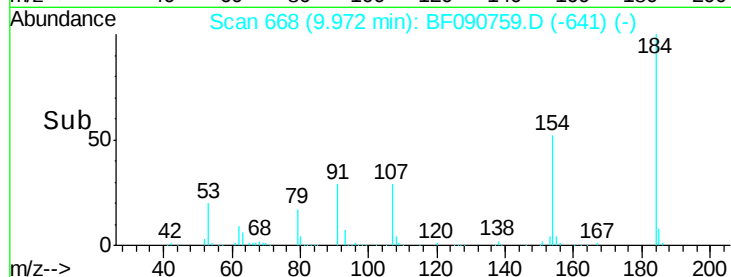
#53
 2,4-Dinitrophenol
 Concen: 72.97 ng
 RT: 9.97 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

Tgt Ion:184 Resp: 296183
 Ion Ratio Lower Upper
 184 100
 63 34.5 35.4 53.2#
 154 52.6 32.2 48.4#

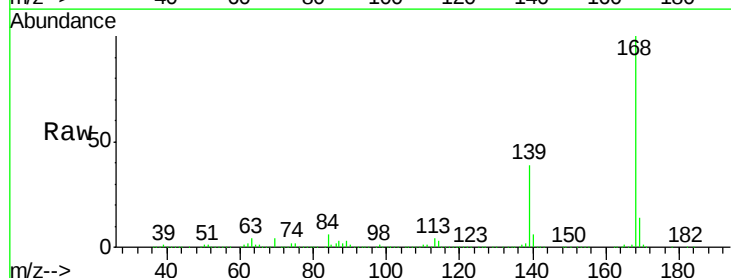


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

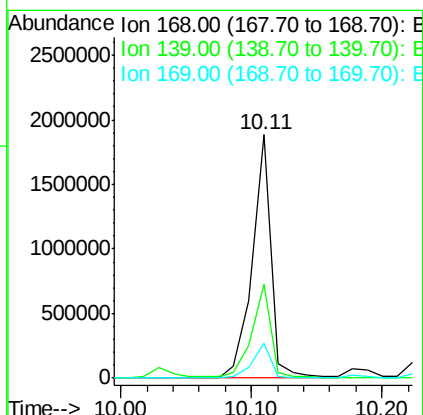
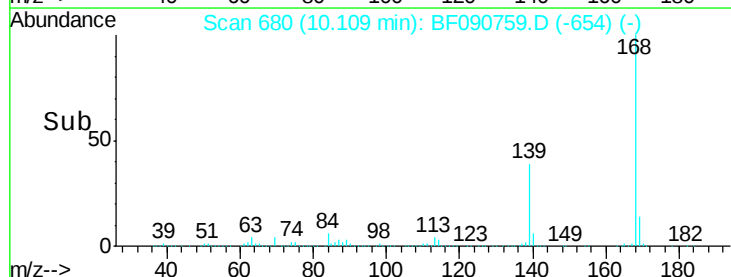


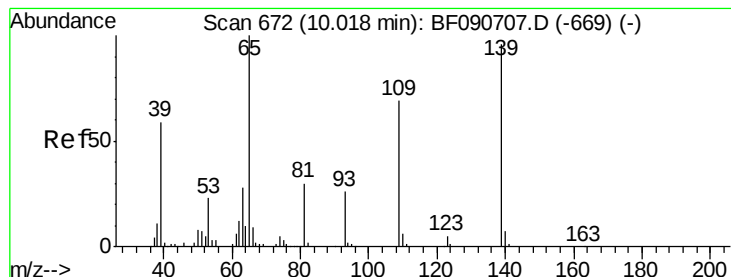
#54
 Dibenzofuran
 Concen: 48.31 ng
 RT: 10.11 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion:168 Resp: 1898501
 Ion Ratio Lower Upper
 168 100
 139 38.8 24.2 36.2#
 169 14.2 10.6 15.8



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: 26.62 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

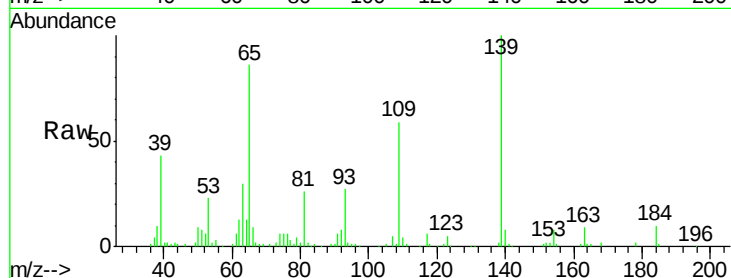
Tgt Ion:139 Resp: 117000

Ion Ratio Lower Upper

139 100

109 58.5 12.7 52.7#

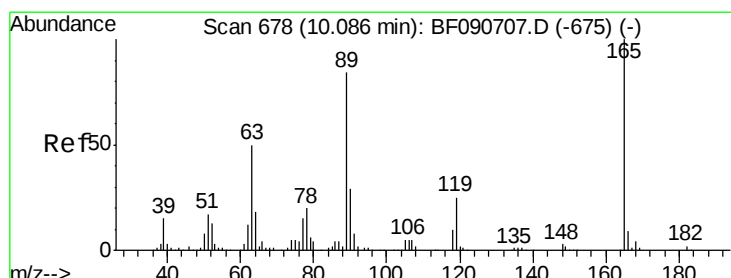
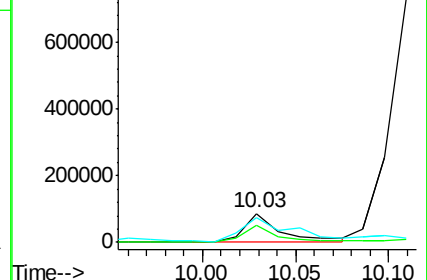
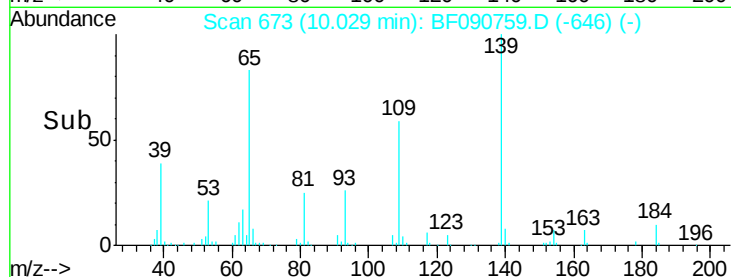
65 85.6 45.9 85.9



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: 54.72 ng

RT: 10.10 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Tgt Ion:165 Resp: 495853

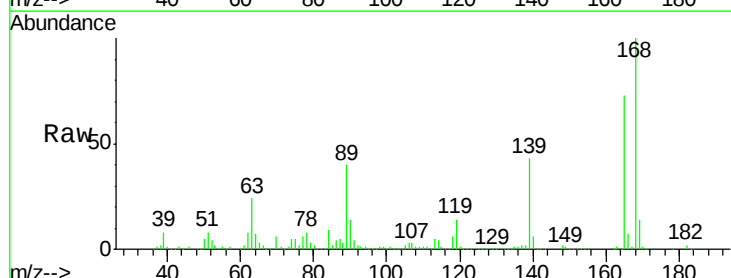
Ion Ratio Lower Upper

165 100

63 33.1 29.8 44.6

89 54.8 44.5 66.7

182 2.5 3.0 4.4#

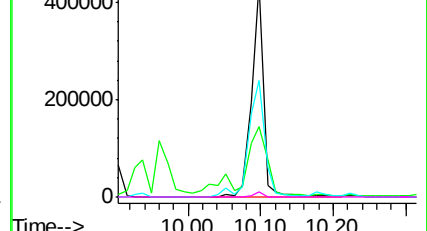
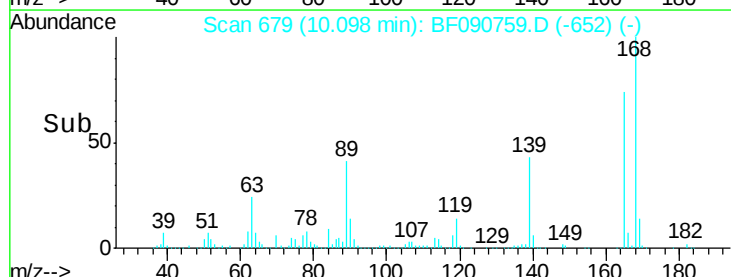


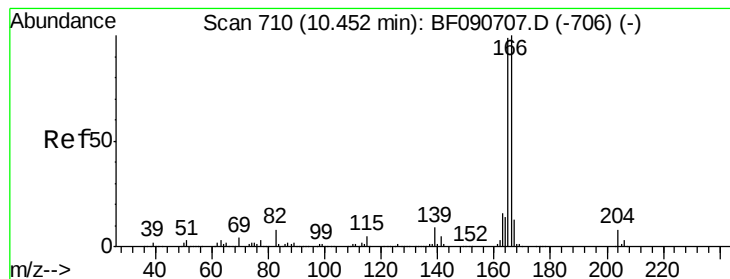
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.08 ng

RT: 10.45 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

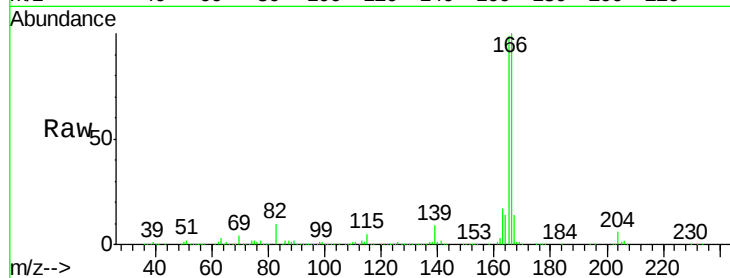
Tgt Ion:166 Resp: 1500887

Ion Ratio Lower Upper

166 100

165 98.8 72.6 109.0

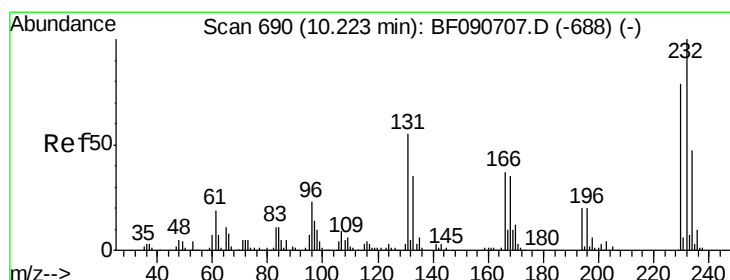
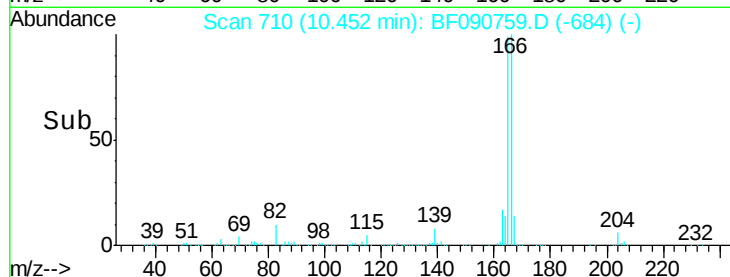
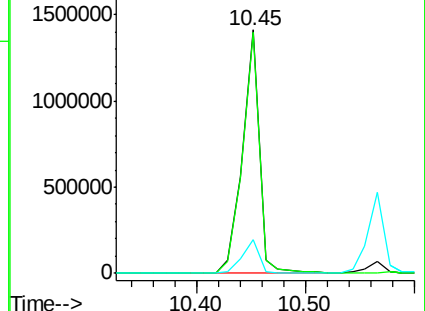
167 13.8 10.6 16.0



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: 49.48 ng

RT: 10.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Tgt Ion:232 Resp: 362040

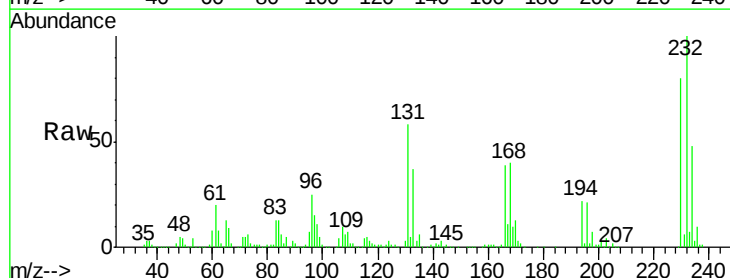
Ion Ratio Lower Upper

232 100

131 48.1 38.5 57.7

130 2.2 1.8 2.6

166 31.5 25.0 37.6

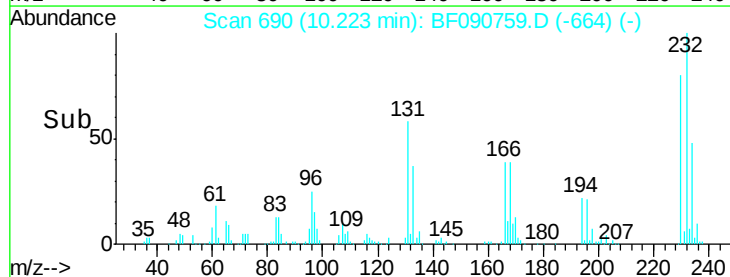
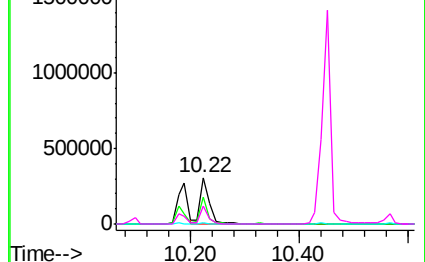


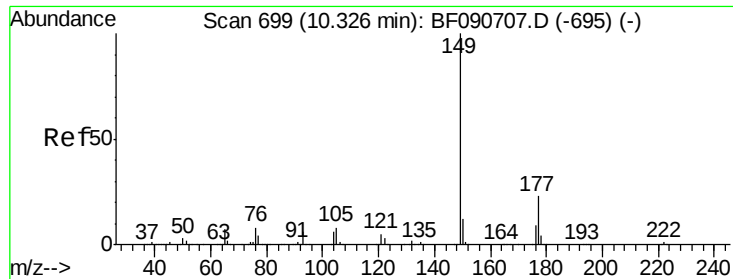
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

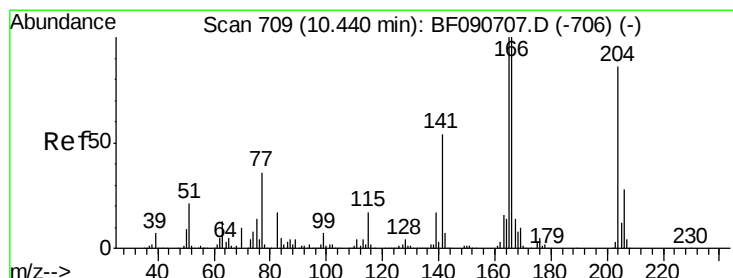
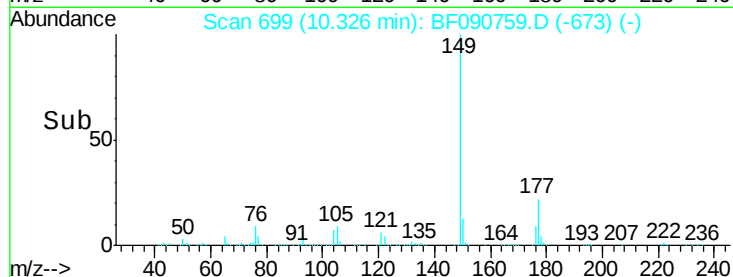
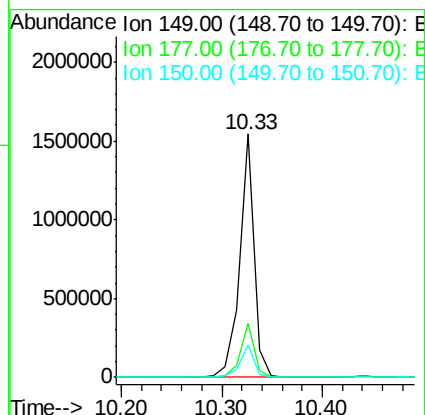
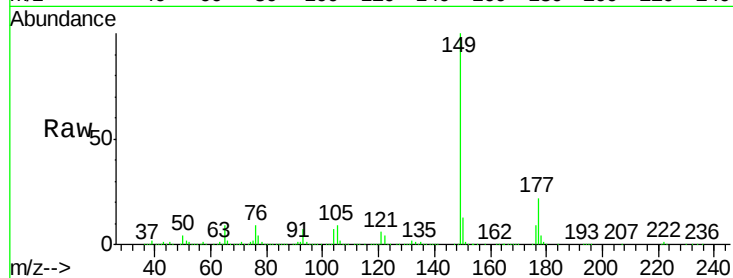




#59
Diethylphthalate
Concen: 43.12 ng
RT: 10.33 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

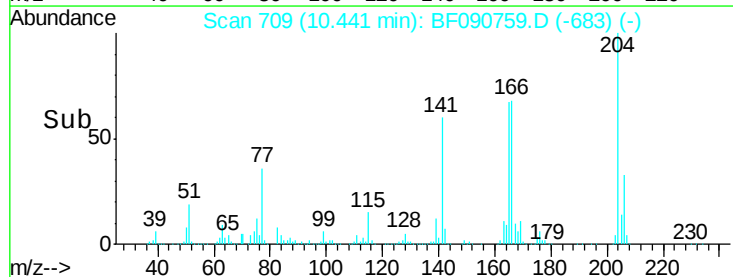
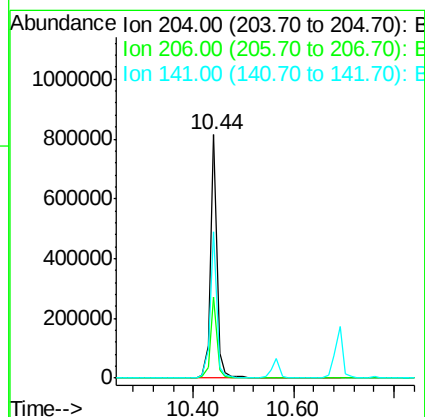
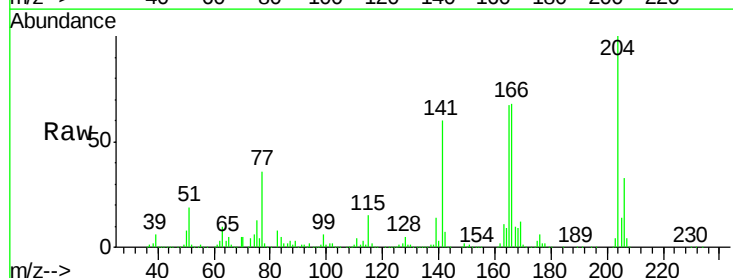
Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

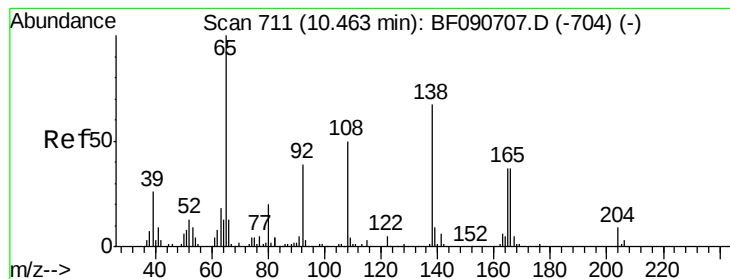
Tgt Ion:149 Resp: 1542069
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 13.2 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 49.33 ng
RT: 10.44 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion:204 Resp: 734260
Ion Ratio Lower Upper
204 100
206 33.3 24.8 37.2
141 60.3 42.2 63.4





#61

4-Nitroaniline

Concen: 35.31 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

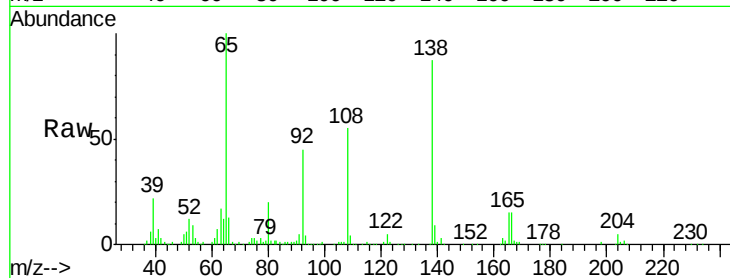
Tgt Ion:138 Resp: 304812

Ion Ratio Lower Upper

138 100

92 51.7 12.6 52.6

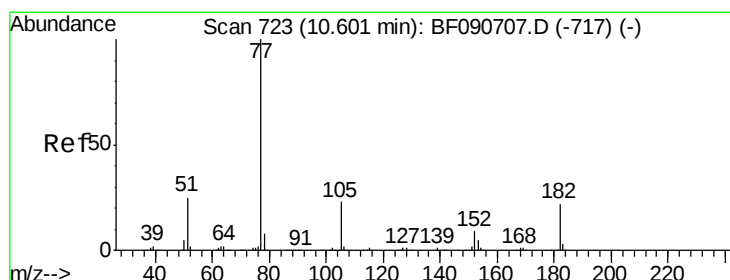
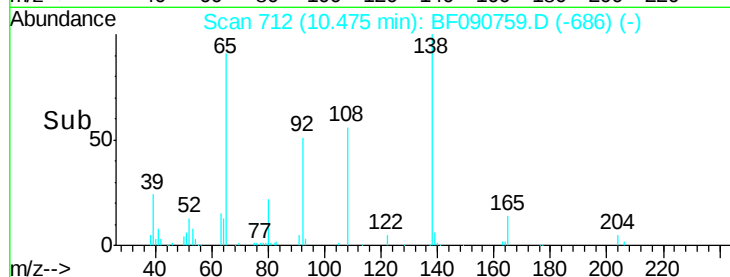
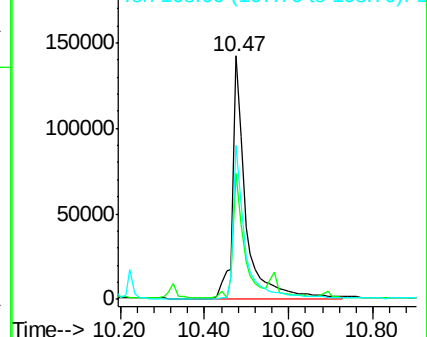
108 63.3 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.62 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Tgt Ion: 77 Resp: 1575359

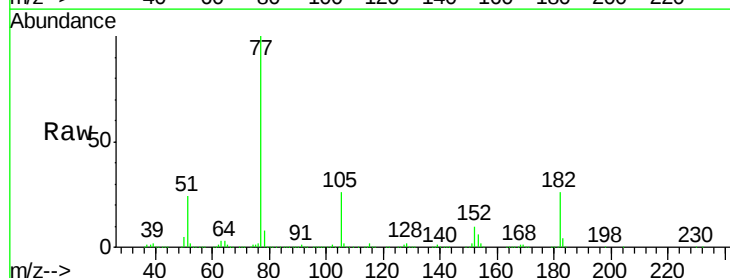
Ion Ratio Lower Upper

77 100

182 26.1 15.1 55.1

105 26.2 3.4 43.4

51 23.9 12.0 52.0

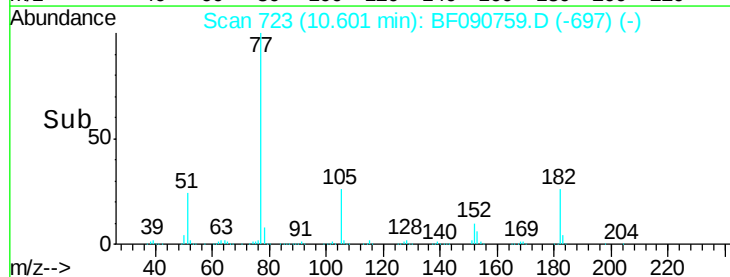
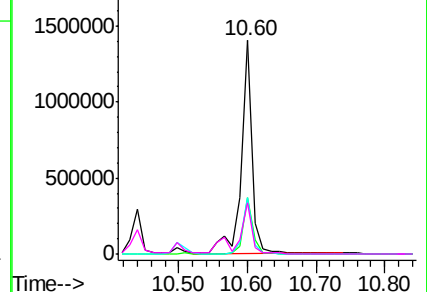


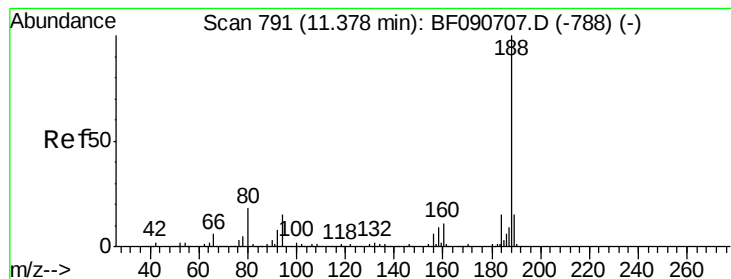
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

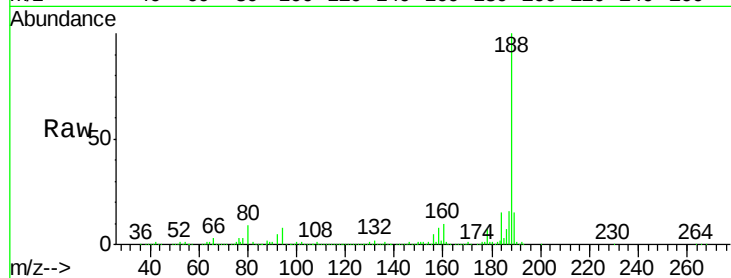
Tgt Ion:188 Resp: 815791

Ion Ratio Lower Upper

188 100

94 8.5 11.1 16.7#

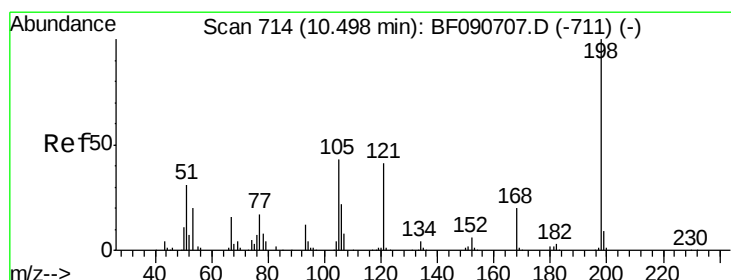
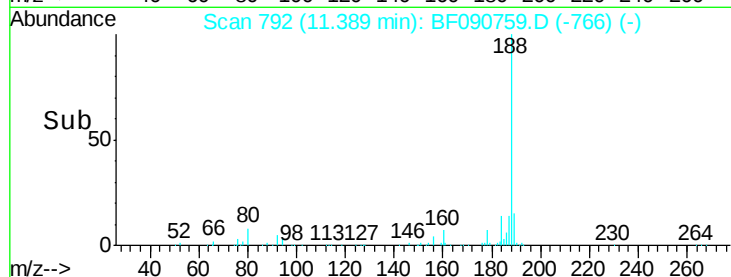
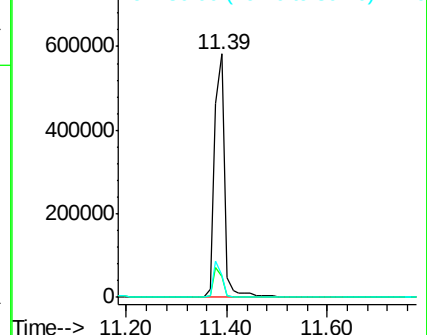
80 8.9 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.58 ng

RT: 10.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

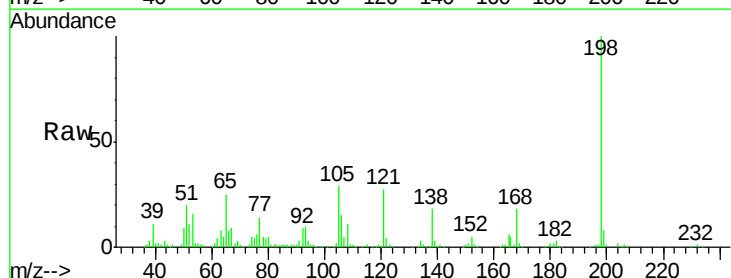
Tgt Ion:198 Resp: 213304

Ion Ratio Lower Upper

198 100

51 19.7 39.6 79.6#

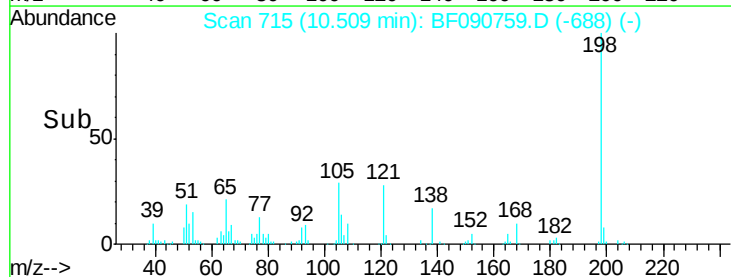
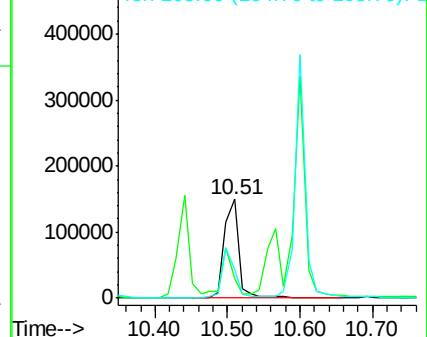
105 29.1 28.5 68.5

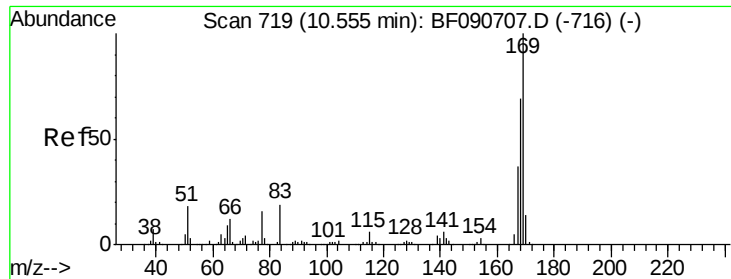


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

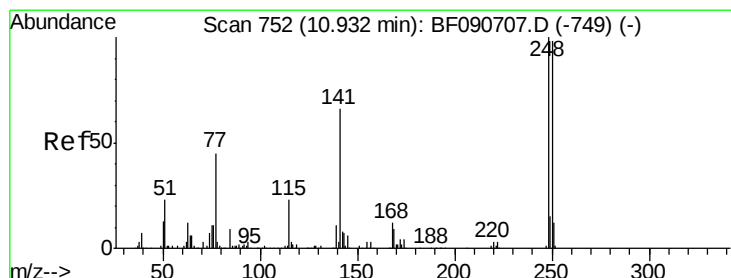
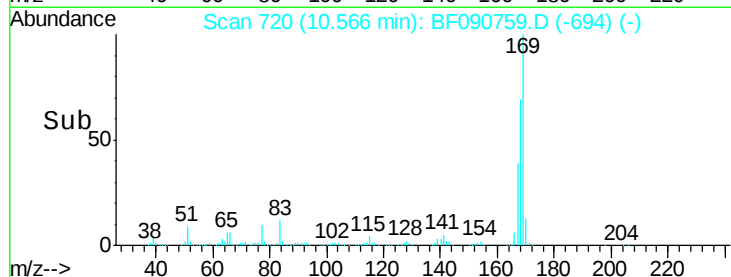
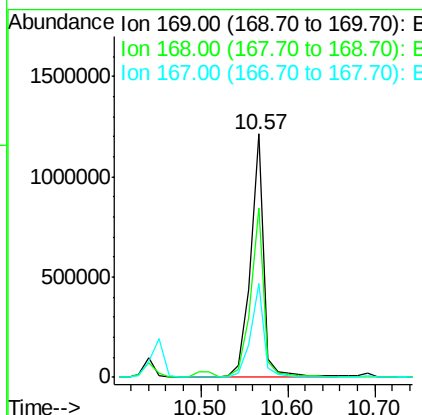
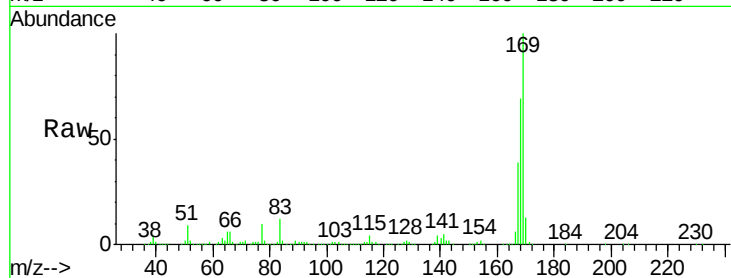




#65
 n-Nitrosodiphenylamine
 Concen: 49.48 ng
 RT: 10.57 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

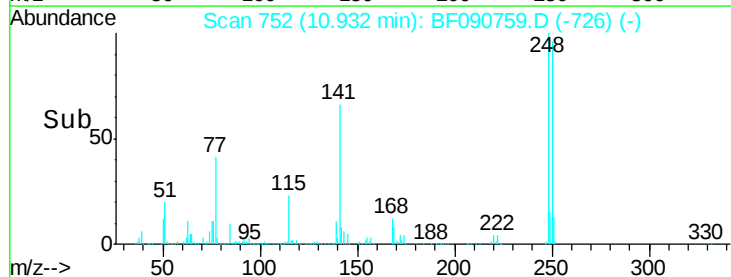
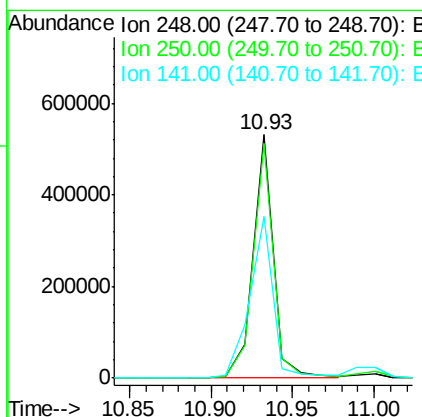
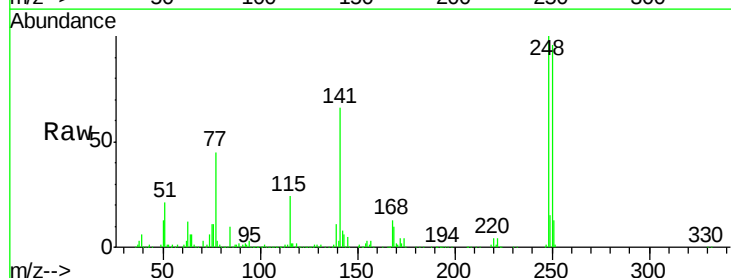
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

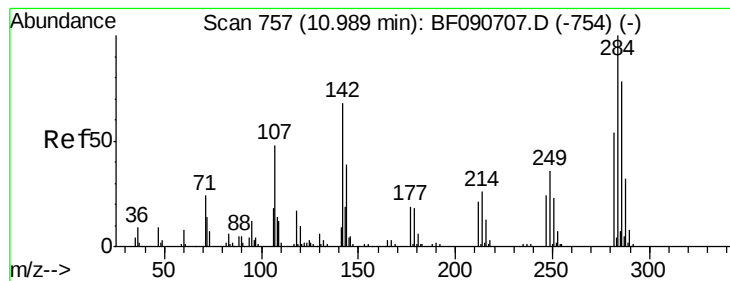
Tgt Ion:169 Resp: 1293091
 Ion Ratio Lower Upper
 169 100
 168 69.4 48.9 73.3
 167 38.8 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 58.58 ng
 RT: 10.93 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion:248 Resp: 463306
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.5 117.7
 141 66.4 59.0 88.6





#67

Hexachlorobenzene

Concen: 57.83 ng

RT: 11.00 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

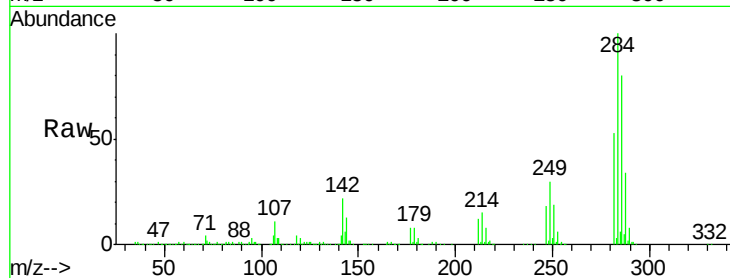
Tgt Ion:284 Resp: 539696

Ion Ratio Lower Upper

284 100

142 21.6 29.5 44.3#

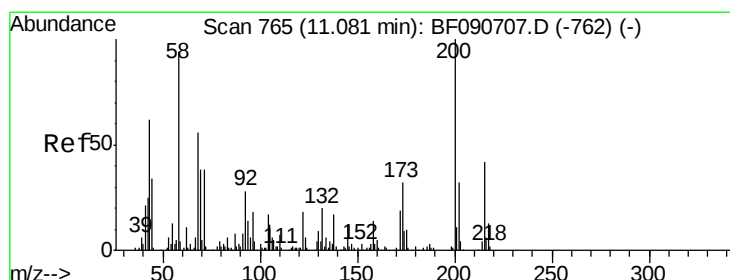
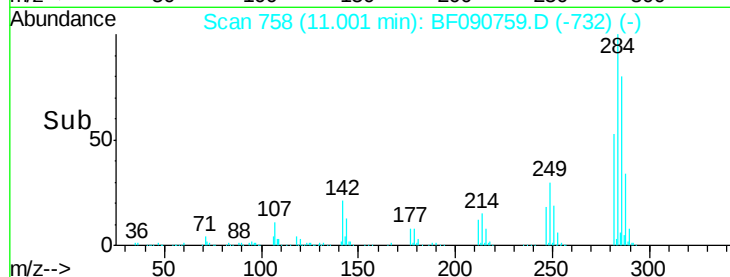
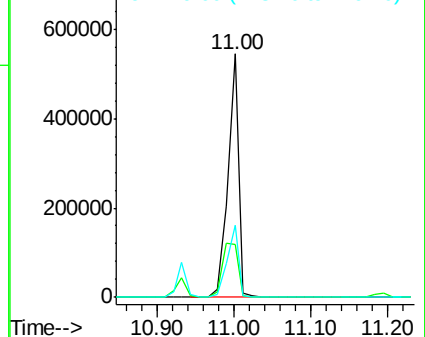
249 29.8 19.5 29.3#



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: 44.29 ng

RT: 11.09 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

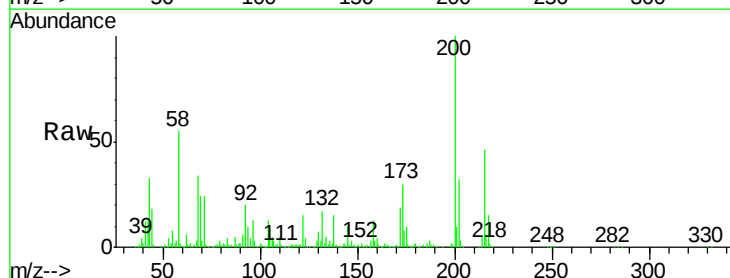
Tgt Ion:200 Resp: 319509

Ion Ratio Lower Upper

200 100

173 30.2 13.2 53.2

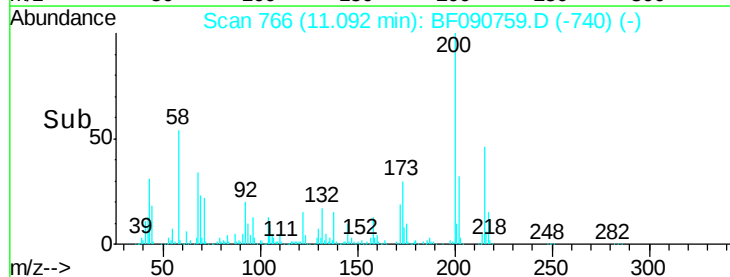
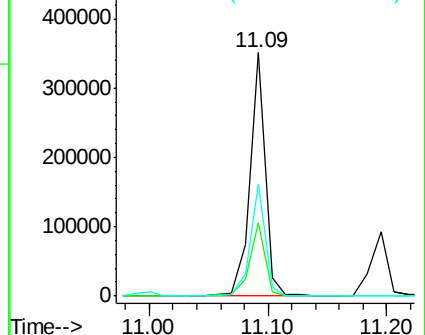
215 45.7 41.8 81.8

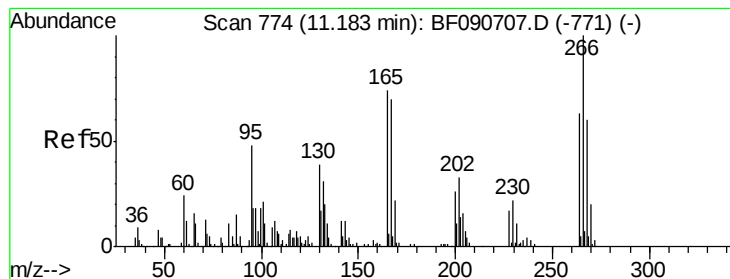


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 85.79 ng

RT: 11.19 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

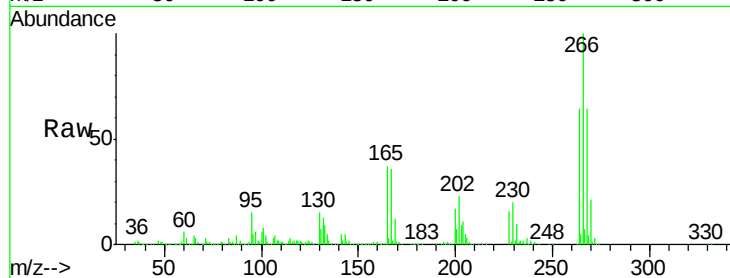
Tgt Ion:266 Resp: 519463

Ion Ratio Lower Upper

266 100

268 63.8 49.8 74.6

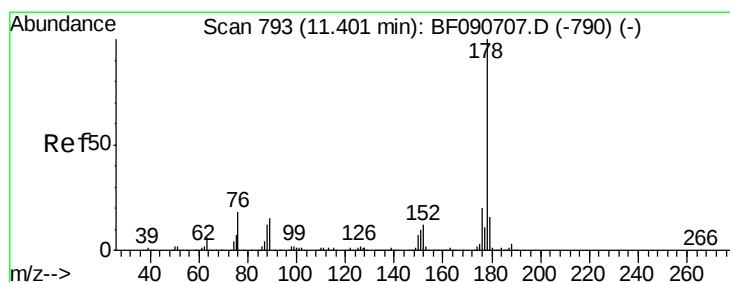
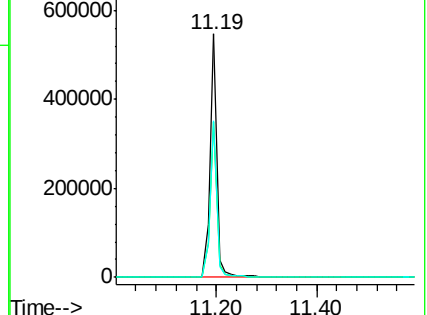
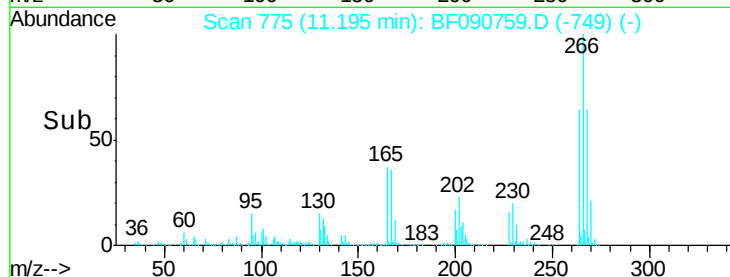
264 64.1 50.2 75.2



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: 48.93 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.05 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

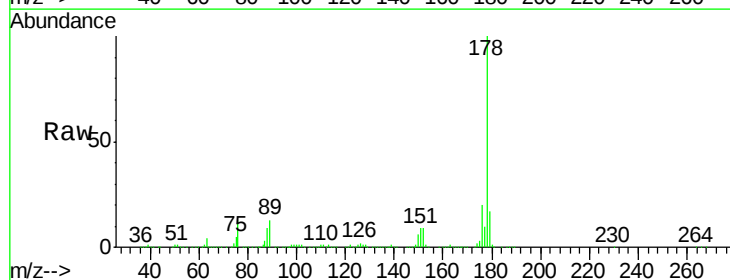
Tgt Ion:178 Resp: 2034753

Ion Ratio Lower Upper

178 100

176 20.2 13.8 20.8

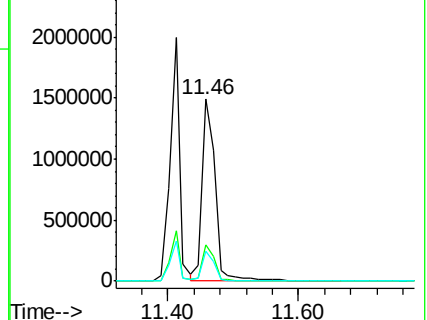
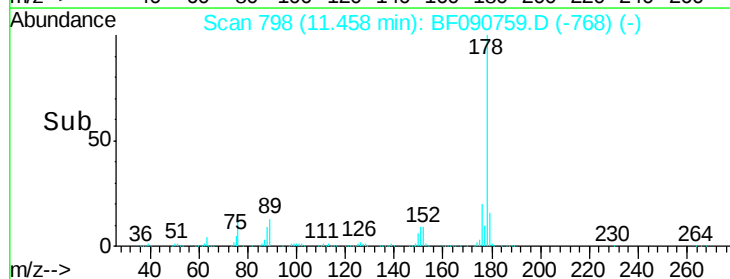
179 16.7 12.2 18.2

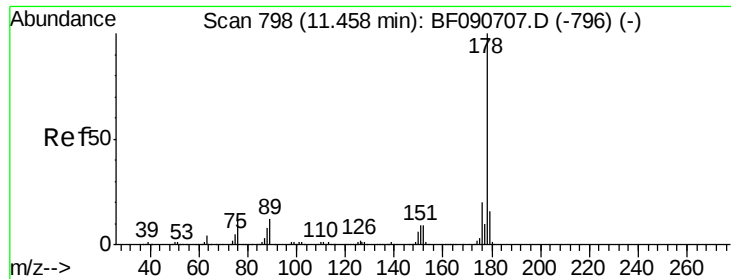


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

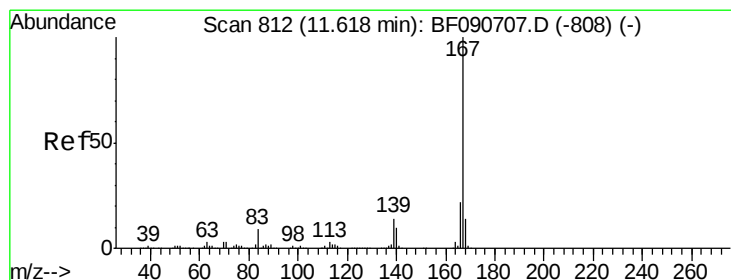
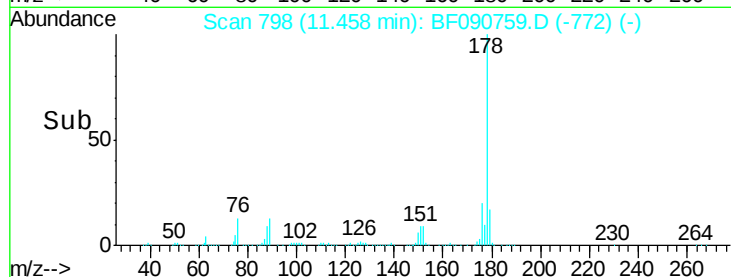
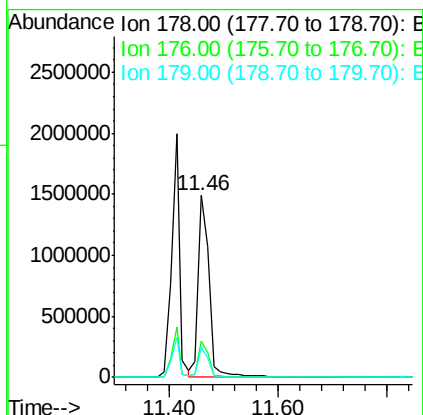
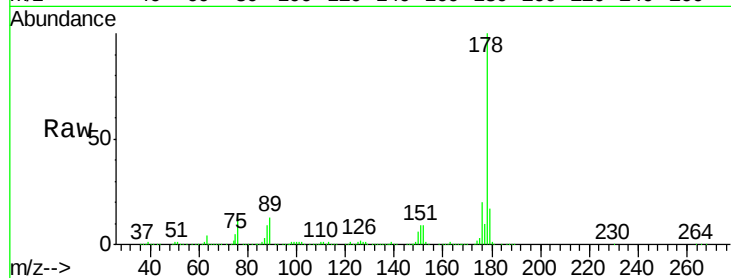




#71
 Anthracene
 Concen: 44.40 ng
 RT: 11.46 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

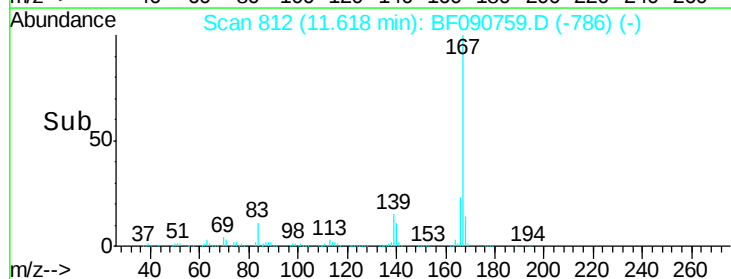
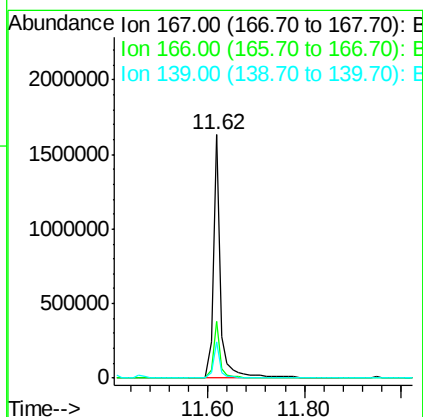
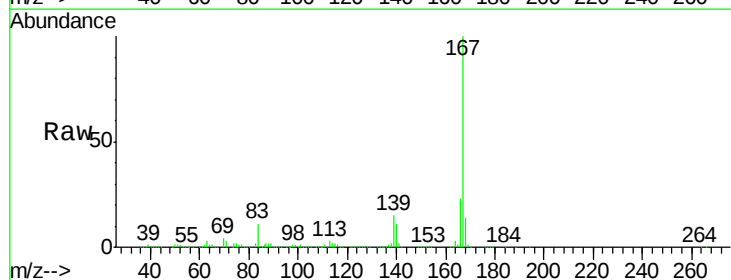
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

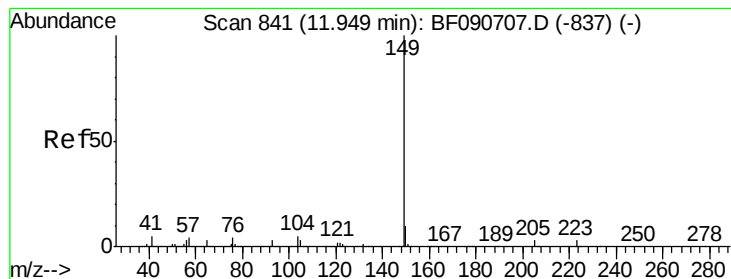
Tgt Ion:178 Resp: 2047240
 Ion Ratio Lower Upper
 178 100
 176 20.2 14.1 21.1
 179 16.7 12.2 18.2



#72
 Carbazole
 Concen: 44.85 ng
 RT: 11.62 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion:167 Resp: 1729065
 Ion Ratio Lower Upper
 167 100
 166 23.0 15.7 23.5
 139 14.8 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 45.88 ng

RT: 11.95 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

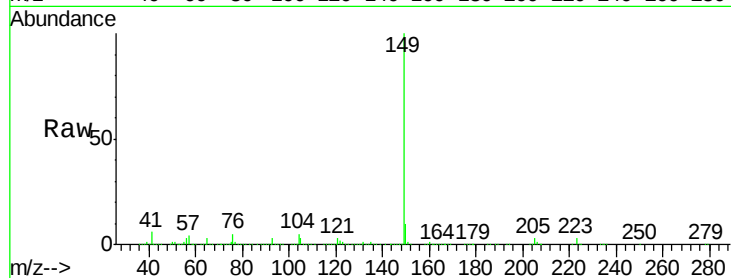
Tgt Ion:149 Resp: 2294614

Ion Ratio Lower Upper

149 100

150 10.4 7.4 11.2

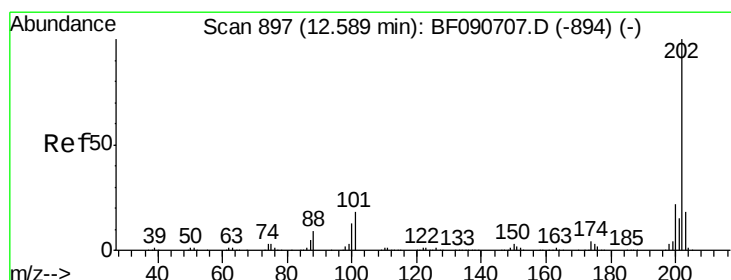
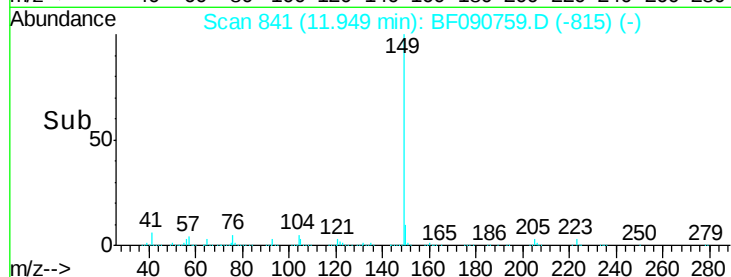
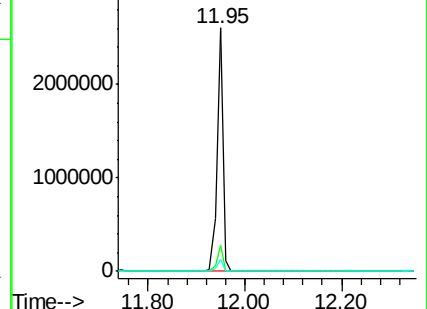
104 5.1 2.4 3.6#



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: 46.14 ng

RT: 12.60 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

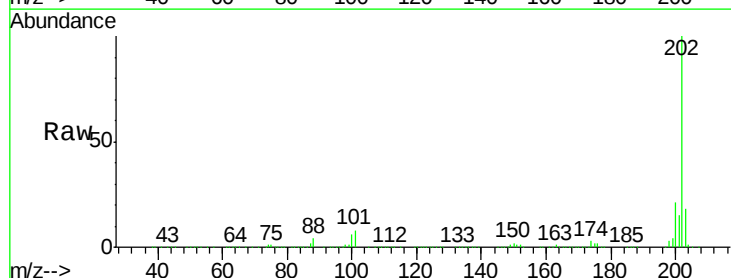
Tgt Ion:202 Resp: 1856102

Ion Ratio Lower Upper

202 100

101 7.9 0.0 38.3

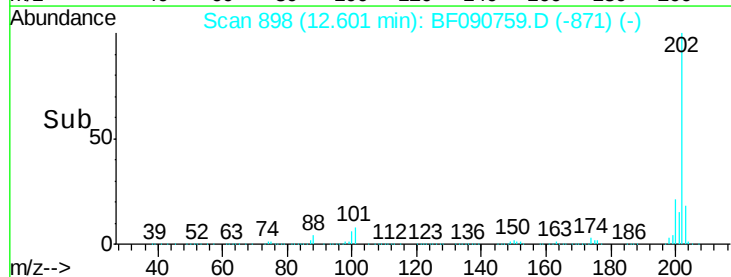
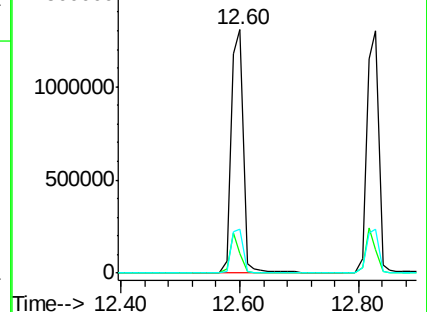
203 17.9 0.0 37.3

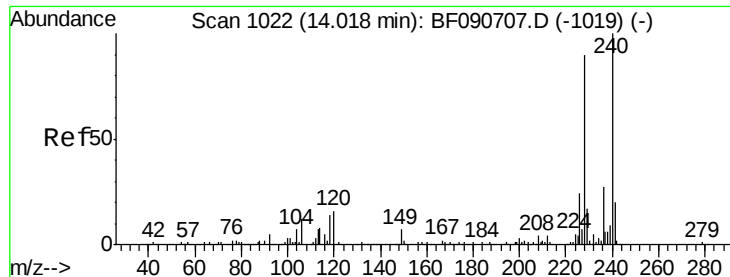


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

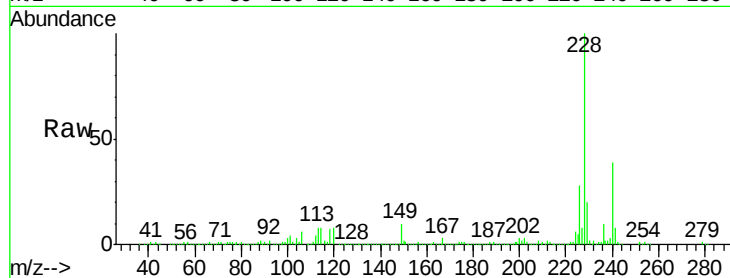
Tgt Ion:240 Resp: 488008

Ion Ratio Lower Upper

240 100

120 19.9 16.2 24.2

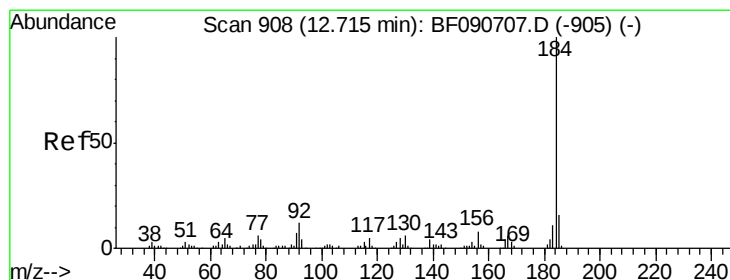
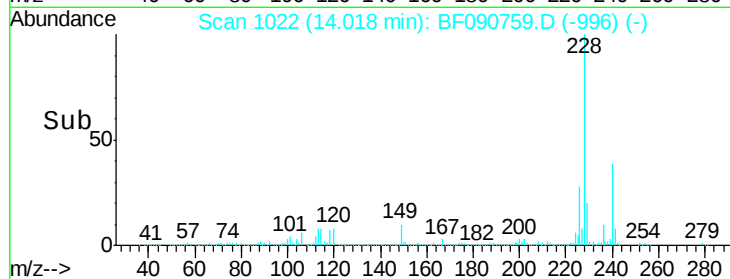
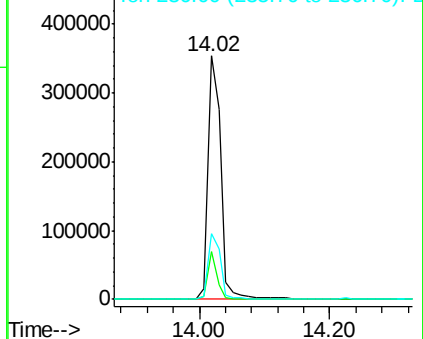
236 27.0 18.4 27.6



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: 35.15 ng

RT: 12.73 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

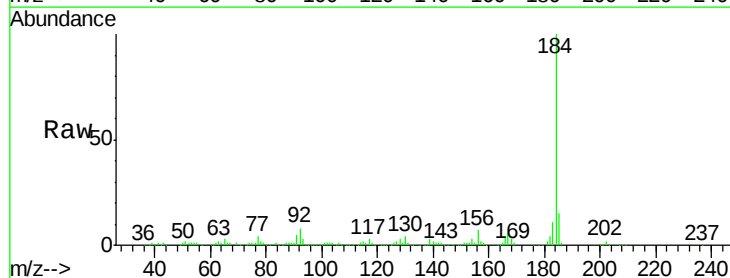
Tgt Ion:184 Resp: 380908

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

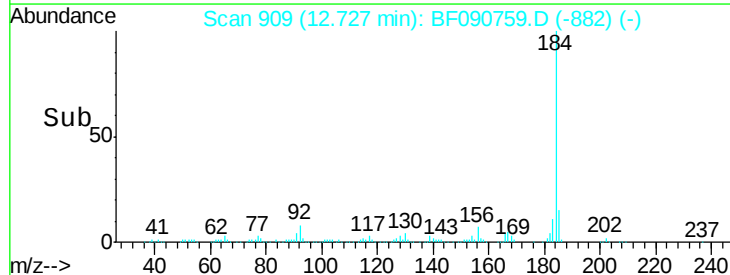
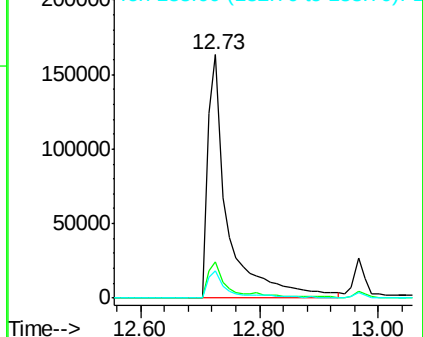
183 11.2 7.6 11.4

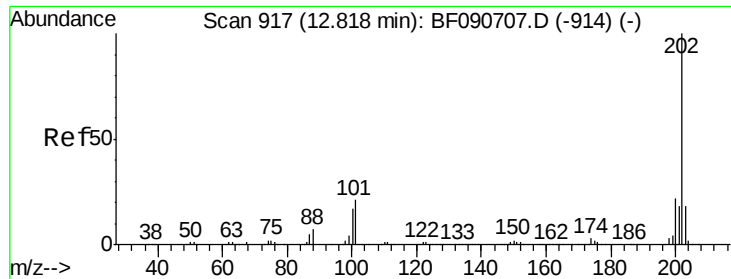


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

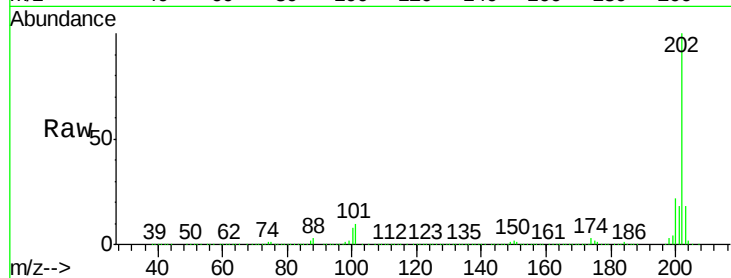




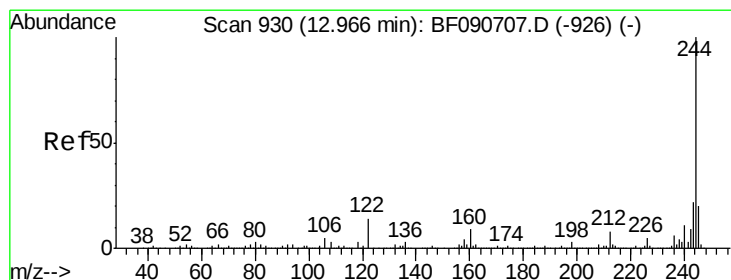
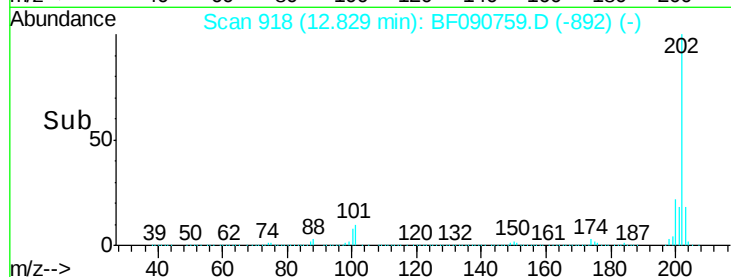
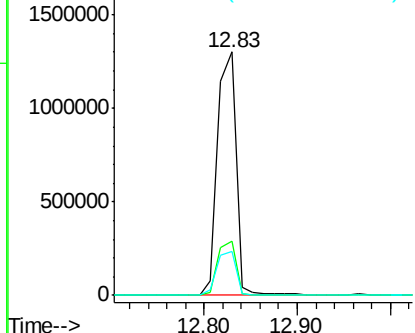
#77
 Pyrene
 Concen: 52.80 ng
 RT: 12.83 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

Tgt Ion: 202 Resp: 1799673
 Ion Ratio Lower Upper
 202 100
 200 22.1 15.0 22.4
 203 17.9 14.1 21.1

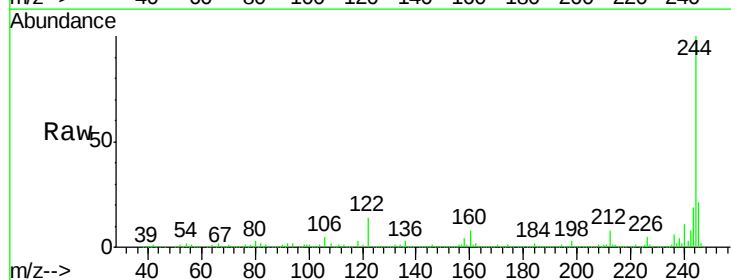


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

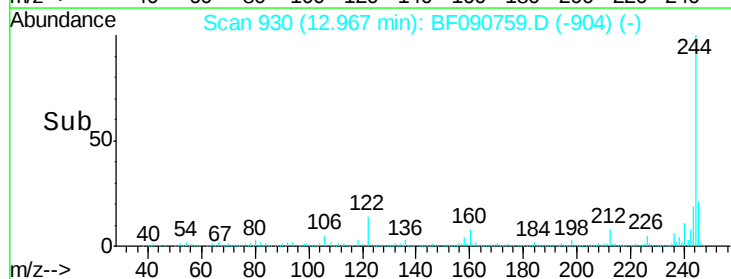
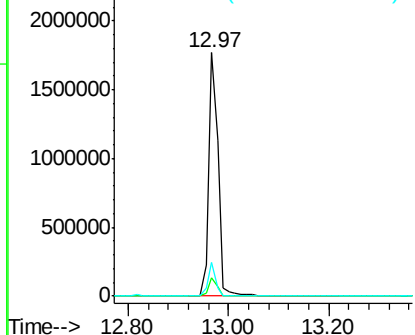


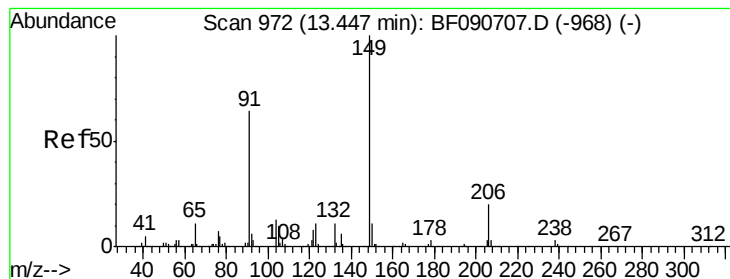
#78
 Terphenyl-d14
 Concen: 106.97 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion: 244 Resp: 2277684
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 13.9 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 55.71 ng

RT: 13.45 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

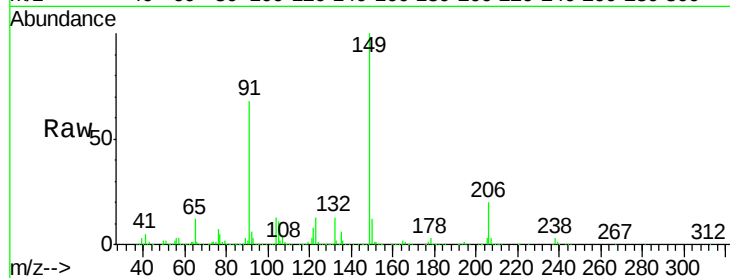
Tgt Ion:149 Resp: 872873

Ion Ratio Lower Upper

149 100

91 67.7 48.6 72.8

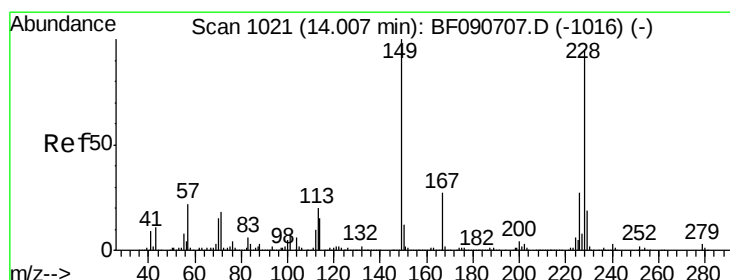
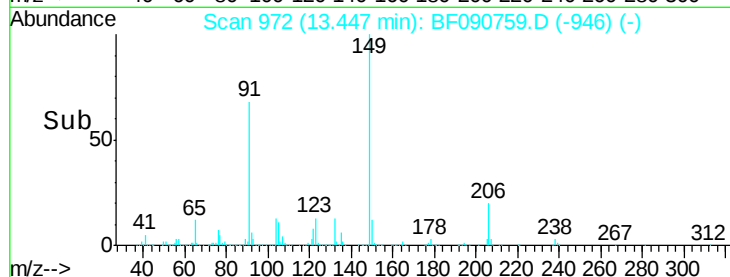
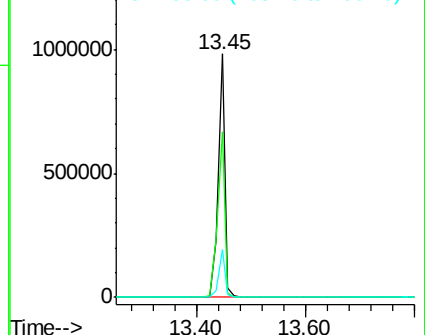
206 19.8 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.09 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

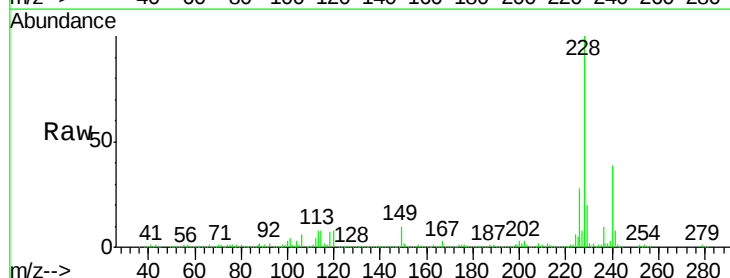
Tgt Ion:228 Resp: 1337802

Ion Ratio Lower Upper

228 100

226 28.1 20.0 30.0

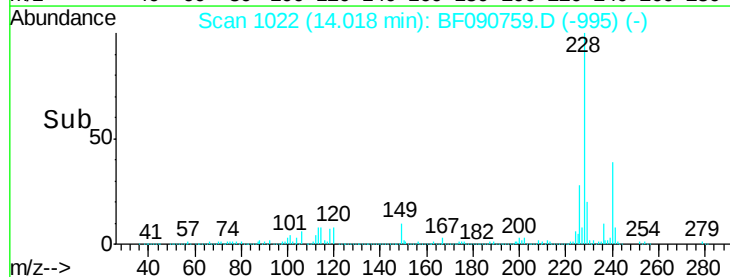
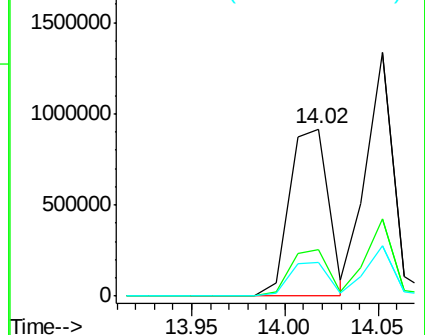
229 20.3 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

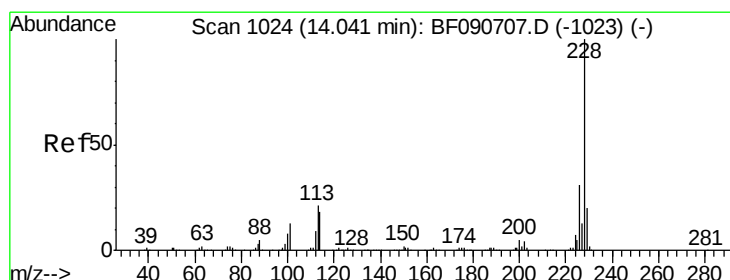
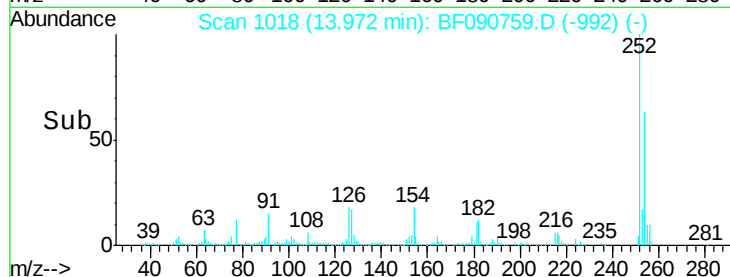
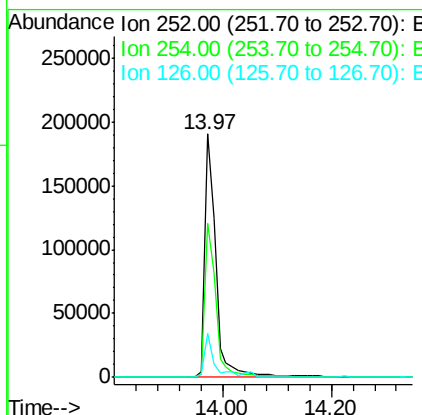
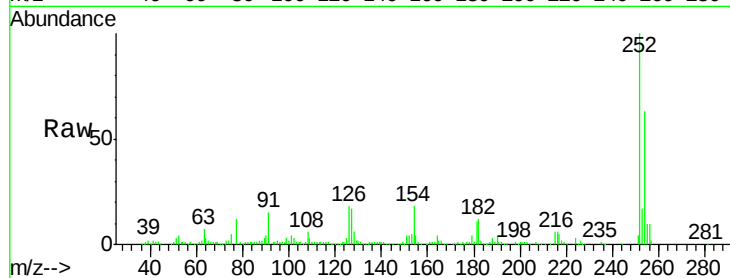




#81
 3,3'-Dichlorobenzidine
 Concen: 29.15 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

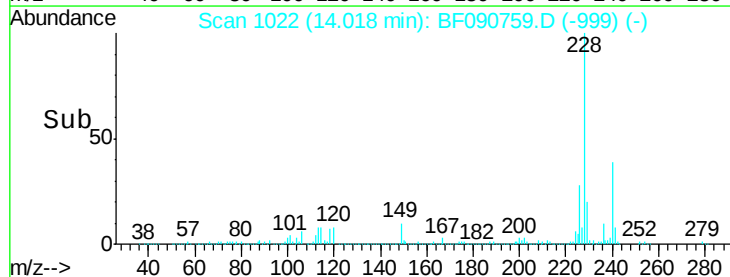
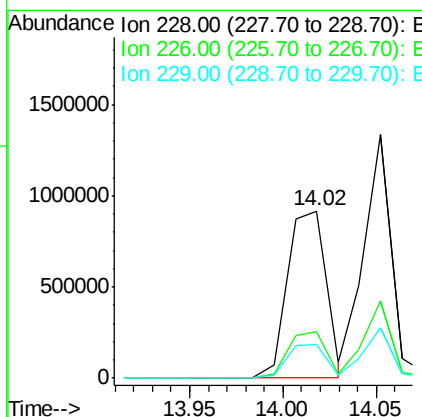
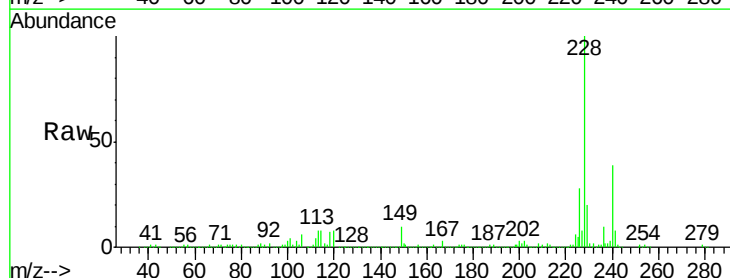
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

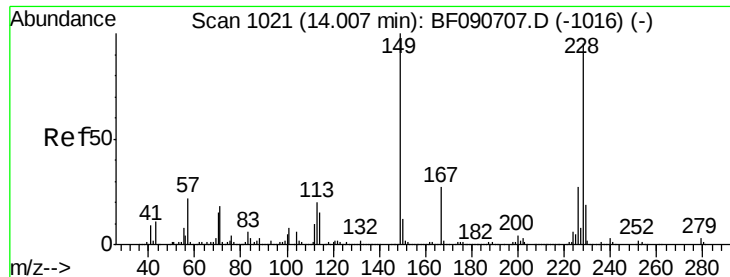
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.4	77.2
126	18.1	16.4	24.6



#82
 Chrysene
 Concen: 51.33 ng
 RT: 14.02 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.0	31.4
229	20.3	15.6	23.4

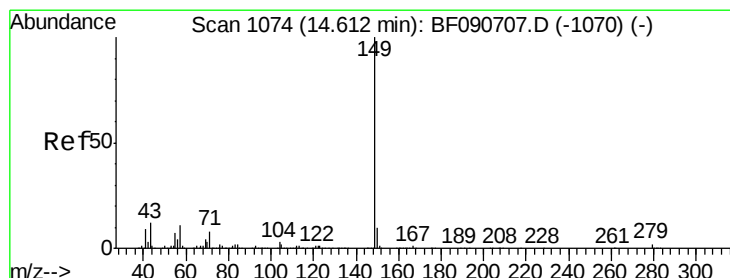
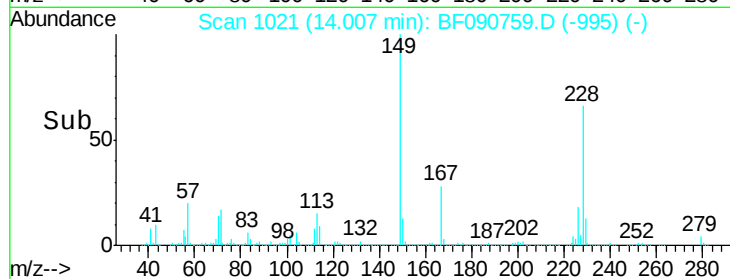
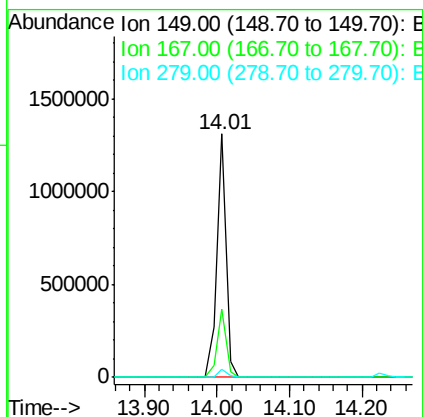
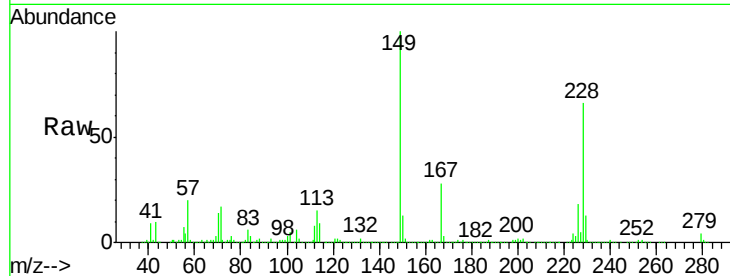




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.66 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

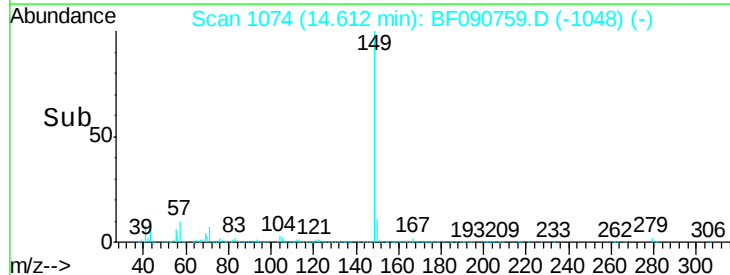
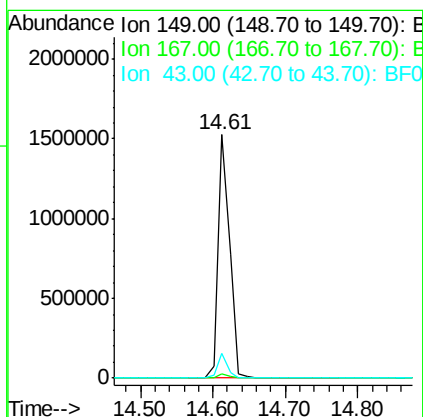
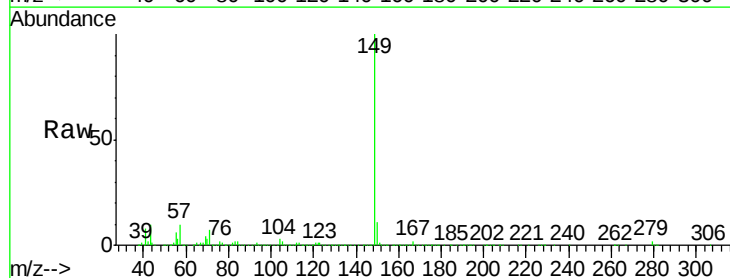
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

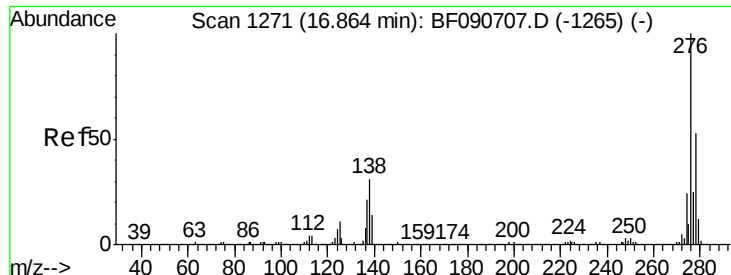
Tgt Ion:149 Resp: 1157987
 Ion Ratio Lower Upper
 149 100
 167 27.9 24.2 36.2
 279 3.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 48.91 ng
 RT: 14.61 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion:149 Resp: 1663883
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.0 1.6#
 43 8.6 10.2 15.2#

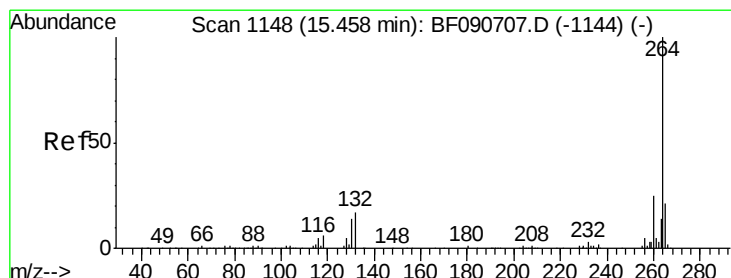
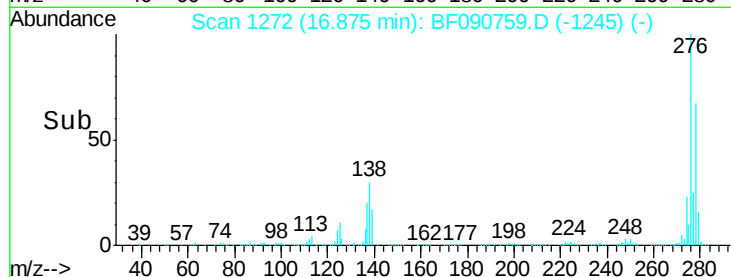
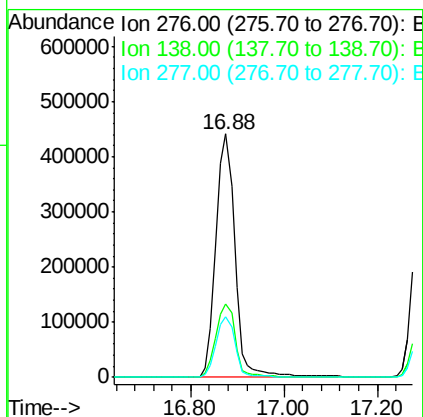
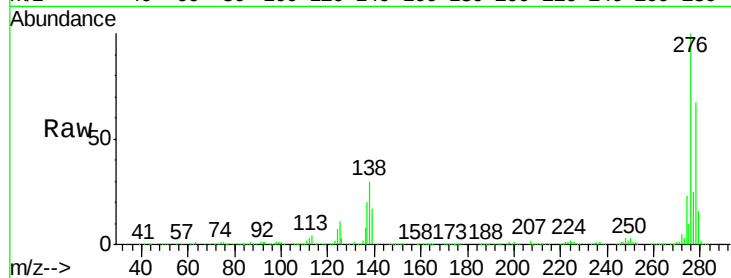




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.30 ng
 RT: 16.88 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

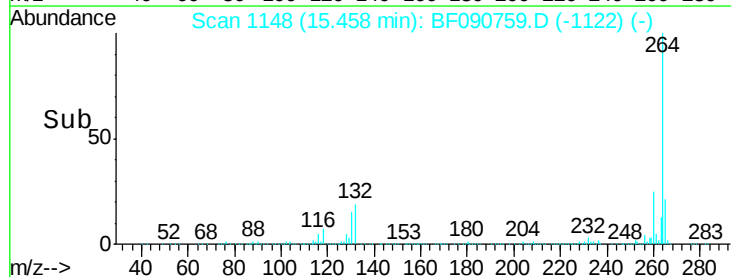
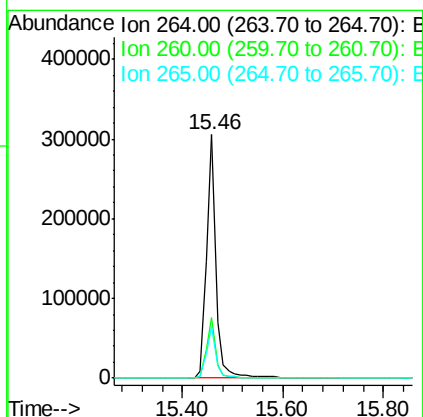
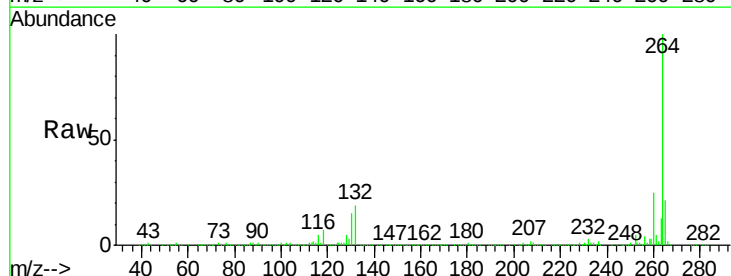
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

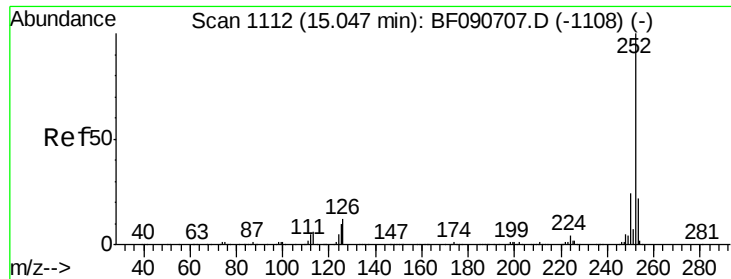
Tgt Ion: 276 Resp: 1257549
 Ion Ratio Lower Upper
 276 100
 138 31.4 25.7 38.5
 277 25.3 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion: 264 Resp: 401079
 Ion Ratio Lower Upper
 264 100
 260 24.7 16.7 25.1
 265 21.4 17.2 25.8

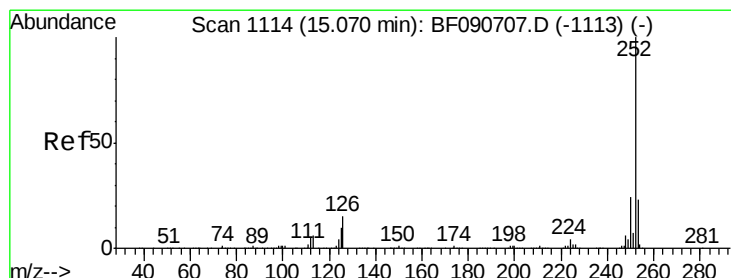
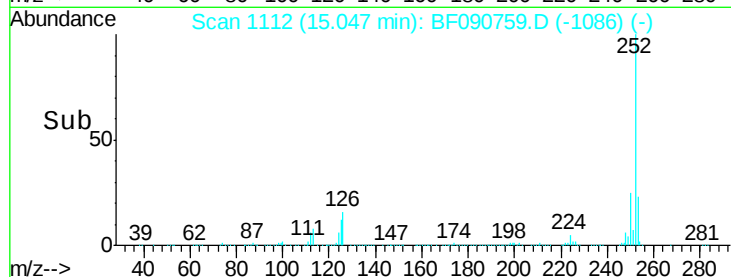
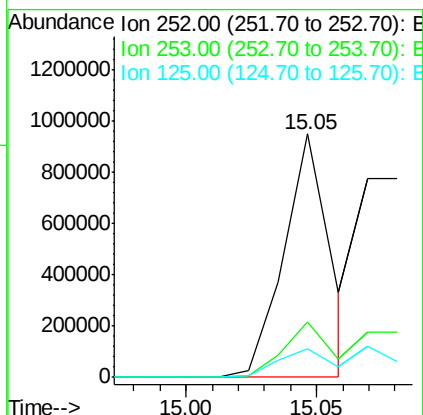
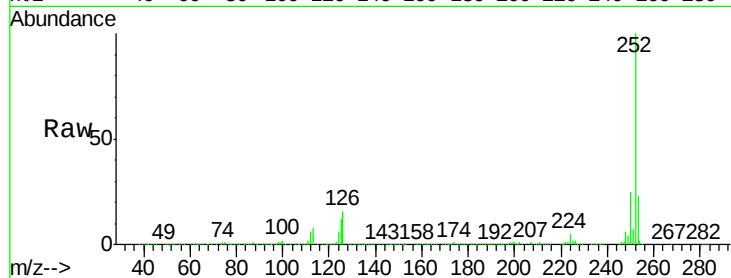




#87
Benzo(b)fluoranthene
Concen: 46.56 ng
RT: 15.05 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

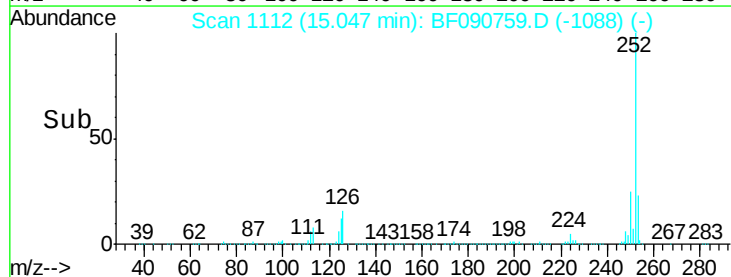
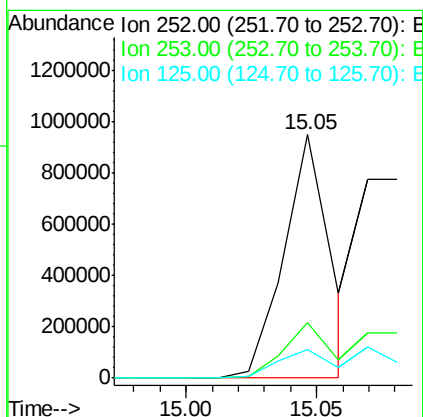
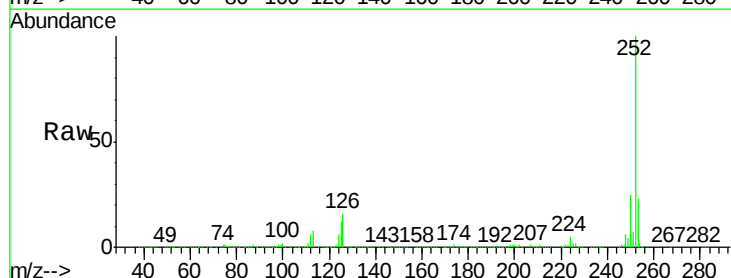
Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

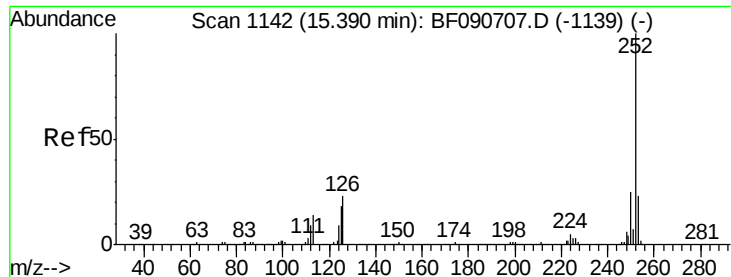
Tgt Ion:252 Resp: 1148336
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 12.0 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 46.33 ng
RT: 15.05 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion:252 Resp: 1148336
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.4
125 12.0 16.0 24.0#

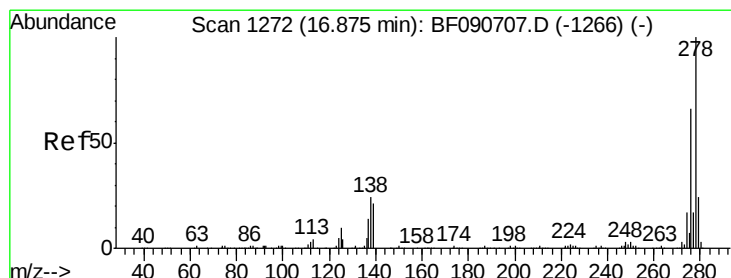
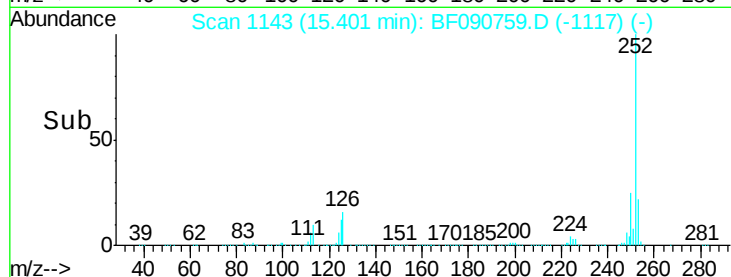
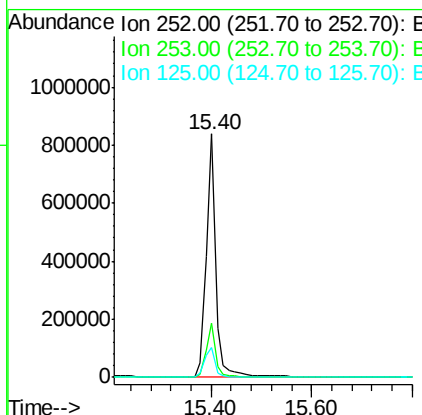
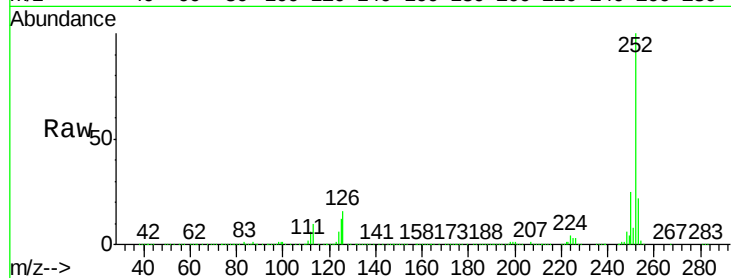




#89
Benzo(a)pyrene
Concen: 47.63 ng
RT: 15.40 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

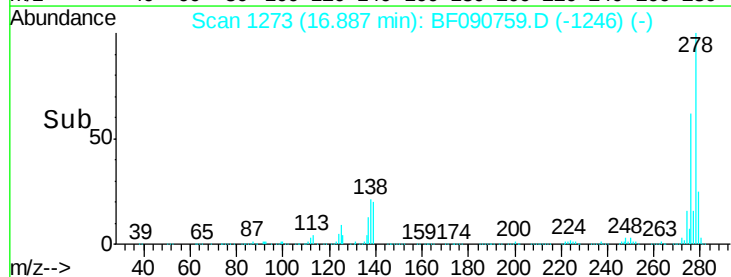
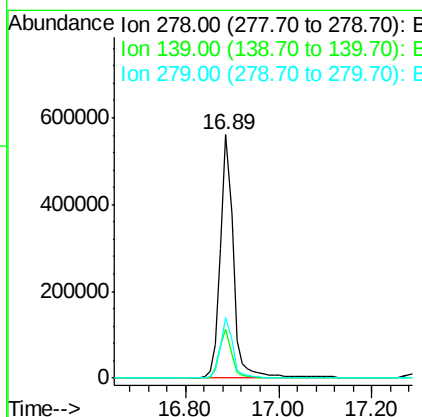
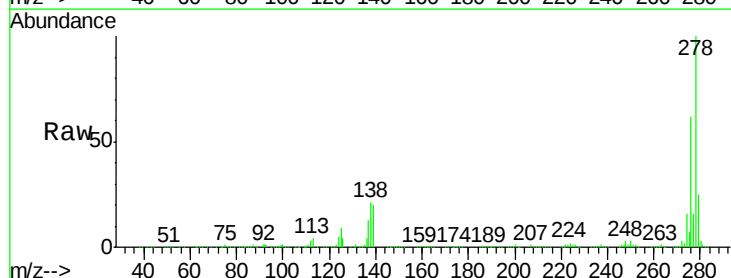
Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

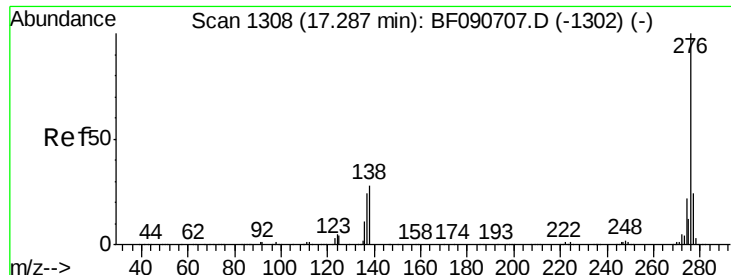
Tgt Ion: 252 Resp: 1102004
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.5 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 48.39 ng
RT: 16.89 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion: 278 Resp: 1074995
Ion Ratio Lower Upper
278 100
139 20.0 26.3 39.5#
279 24.8 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 48.51 ng

RT: 17.30 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

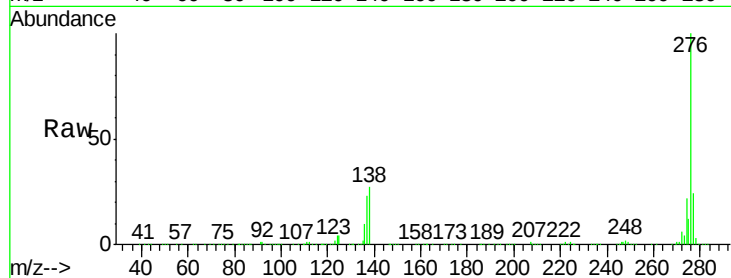
Tgt Ion: 276 Resp: 1045266

Ion Ratio Lower Upper

276 100

277 23.7 17.8 26.6

138 26.6 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

