

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091429.D
 Acq On : 5 Dec 2016 20:27
 Operator : UM/SJ
 Sample : H5838-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Quant Time: Dec 06 00:08:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	143570	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	617514	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	343990	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	654425	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	326511	20.00	ng	-0.04
86) Perylene-d12	15.43	264	309451	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	633925	72.13	ng	-0.02
7) Phenol-d6	6.48	99	536656	49.61	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1080999	98.10	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	576769	177.11	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	1984142	104.44	ng	-0.03
78) Terphenyl-d14	12.96	244	1784741	118.81	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	66677	16.77	ng	# 85
3) Pyridine	3.22	79	157274	13.98	ng	# 83
4) n-Nitrosodimethylamine	3.16	42	122560	20.76	ng	95
6) Aniline	6.52	93	248556	17.30	ng	# 68
8) 2-Chlorophenol	6.63	128	367954	38.19	ng	# 74
9) Benzaldehyde	6.39	77	137062	19.70	ng	91
10) Phenol	6.49	94	236146	18.55	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	417132	45.86	ng	95
12) 1,3-Dichlorobenzene	6.79	146	482479	45.01	ng	98
13) 1,4-Dichlorobenzene	6.87	146	517088	48.50	ng	99
14) 1,2-Dichlorobenzene	7.02	146	434714	43.77	ng	98
15) Benzyl Alcohol	7.00	79	289866	33.48	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	907359	46.39	ng	71
17) 2-Methylphenol	7.11	107	261092	34.28	ng	# 76
18) Hexachloroethane	7.36	117	186592	49.29	ng	# 86
19) n-Nitroso-di-n-propylamine	7.27	70	366669	53.80	ng	# 96
20) 3+4-Methylphenols	7.26	107	301588	32.43	ng	# 37
22) Acetophenone	7.26	105	723620	49.44	ng	# 82
24) Nitrobenzene	7.44	77	587524	52.08	ng	# 77
25) Isophorone	7.68	82	1051479	53.86	ng	98
26) 2-Nitrophenol	7.75	139	239891	46.66	ng	97
27) 2,4-Dimethylphenol	7.80	122	447054	46.48	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	604530	51.45	ng	100
29) 2,4-Dichlorophenol	7.99	162	391399	46.26	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	470903	49.65	ng	97
31) Naphthalene	8.16	128	1513135	51.56	ng	100
32) Benzoic acid	7.88	122	100595	14.19	ng	93
33) 4-Chloroaniline	8.21	127	123466	9.84	ng	96
34) Hexachlorobutadiene	8.28	225	283984	48.69	ng	98
35) Caprolactam	8.58	113	14425	5.93	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	426293	46.67	ng	94
37) 2-Methylnaphthalene	8.85	142	917626	46.02	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	464221	47.87	ng	99
40) Hexachlorocyclopentadiene	9.01	237	471049	104.79	ng	99

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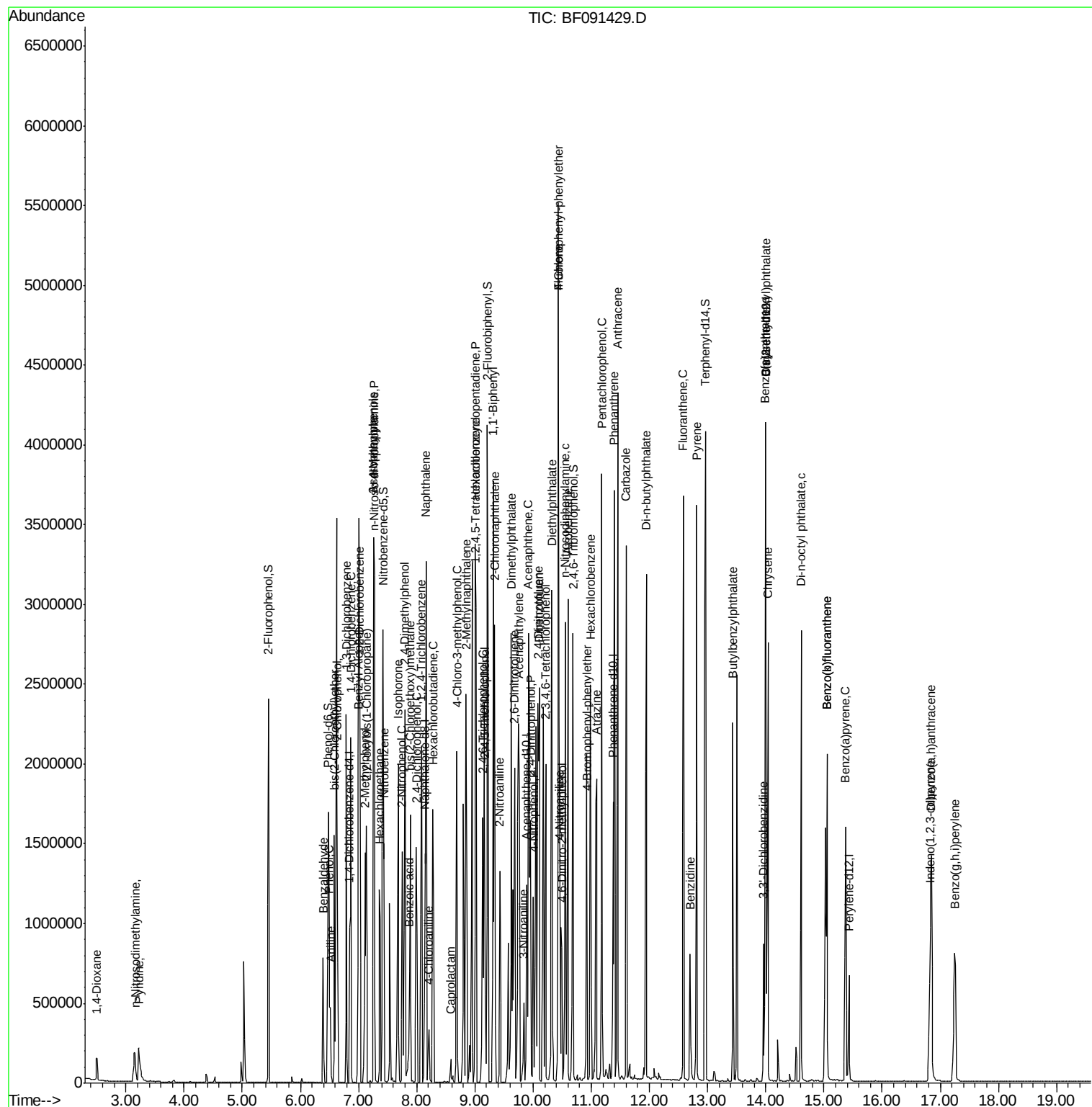
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	333958	52.99	ng	95
43) 2,4,5-Trichlorophenol	9.17	196	319595	50.60	ng #	92
45) 1,1'-Biphenyl	9.32	154	1130490	45.70	ng	97
46) 2-Chloronaphthalene	9.34	162	832252	45.18	ng	98
47) 2-Nitroaniline	9.43	65	277985	42.02	ng #	74
48) Acenaphthylene	9.75	152	1471292	50.74	ng	98
49) Dimethylphthalate	9.62	163	1084104	52.05	ng	97
50) 2,6-Dinitrotoluene	9.68	165	281755	60.52	ng #	82
51) Acenaphthene	9.92	154	1118052	57.16	ng	96
52) 3-Nitroaniline	9.84	138	67960	12.61	ng	99
53) 2,4-Dinitrophenol	9.96	184	296942	145.86	ng #	85
54) Dibenzofuran	10.10	168	1466683	56.01	ng	91
55) 4-Nitrophenol	10.00	139	139281	35.79	ng	95
56) 2,4-Dinitrotoluene	10.08	165	335864	55.62	ng #	67
57) Fluorene	10.44	166	1049381	52.19	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	322490	59.79	ng	93
59) Diethylphthalate	10.32	149	1185923	57.68	ng	96
60) 4-Chlorophenyl-phenylether	10.44	204	563286	55.86	ng	94
61) 4-Nitroaniline	10.46	138	207333	40.98	ng	89
62) Azobenzene	10.60	77	1299090	61.92	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	210895	58.49	ng #	37
65) n-Nitrosodiphenylamine	10.55	169	935651	47.16	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	373500	53.10	ng #	75
67) Hexachlorobenzene	10.98	284	356284	46.87	ng #	81
68) Atrazine	11.09	200	357043	55.56	ng	92
69) Pentachlorophenol	11.18	266	406356	90.81	ng	96
70) Phenanthrene	11.40	178	1562232	45.94	ng	99
71) Anthracene	11.45	178	1823074	54.02	ng	100
72) Carbazole	11.60	167	1355622	44.27	ng	100
73) Di-n-butylphthalate	11.94	149	1961996	56.53	ng	99
74) Fluoranthene	12.58	202	1650934	51.25	ng	99
76) Benzidine	12.70	184	290033	30.26	ng	98
77) Pyrene	12.81	202	1664288	67.17	ng	99
79) Butylbenzylphthalate	13.43	149	549326	59.20	ng	92
80) Benzo(a)anthracene	13.99	228	1100971	57.66	ng	98
81) 3,3'-Dichlorobenzidine	13.96	252	179284	26.65	ng	96
82) Chrysene	14.04	228	1143132	60.50	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	834719	70.97	ng #	90
84) Di-n-octyl phthalate	14.61	149	1314983	73.89	ng	95
85) Indeno(1,2,3-cd)pyrene	16.83	276	1004163	58.04	ng #	92
87) Benzo(b)fluoranthene	15.05	252	1910027	99.30	ng #	97
88) Benzo(k)fluoranthene	15.05	252	1910027	118.09	ng #	95
89) Benzo(a)pyrene	15.37	252	873958	50.60	ng #	94
90) Dibenzo(a,h)anthracene	16.85	278	838240	52.47	ng #	93
91) Benzo(g,h,i)perylene	17.25	276	828641	50.30	ng	97

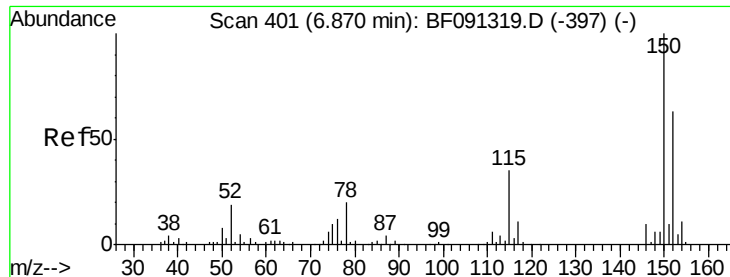
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

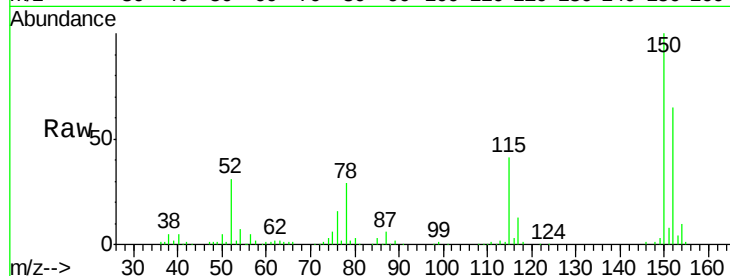
Tgt Ion:152 Resp: 143570

Ion Ratio Lower Upper

152 100

150 153.8 122.5 183.7

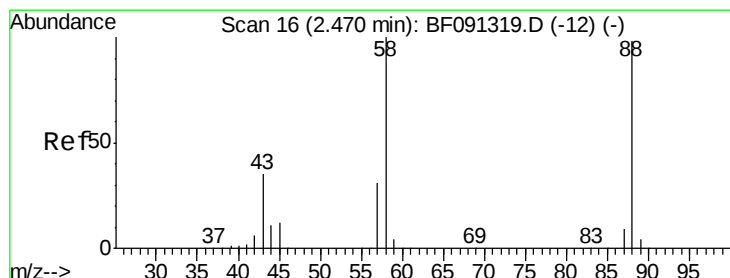
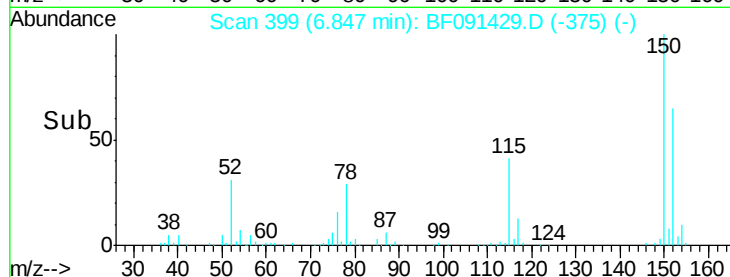
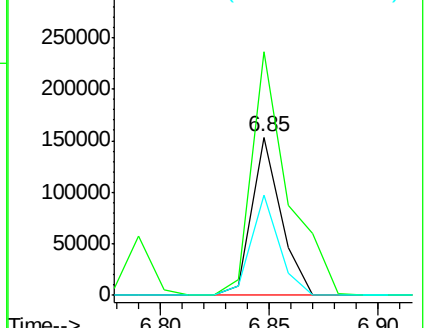
115 63.1 51.8 77.8



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: 16.77 ng

RT: 2.50 min Scan# 19

Delta R.T. 0.01 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

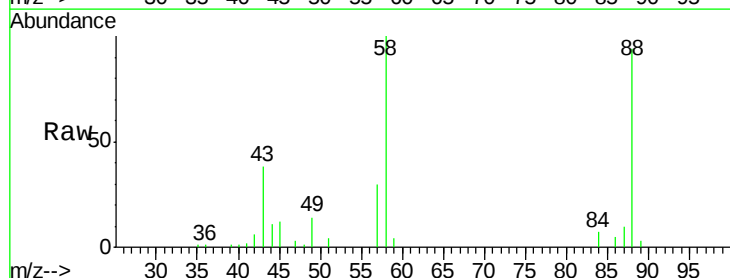
Tgt Ion: 88 Resp: 66677

Ion Ratio Lower Upper

88 100

58 107.0 70.3 105.5#

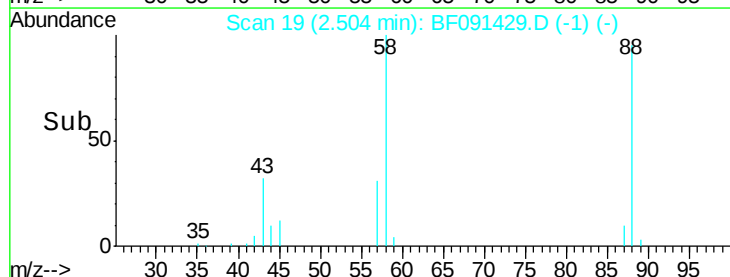
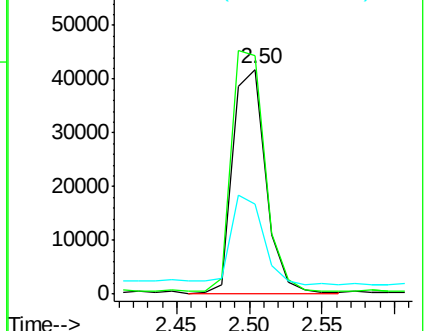
43 40.4 31.3 46.9

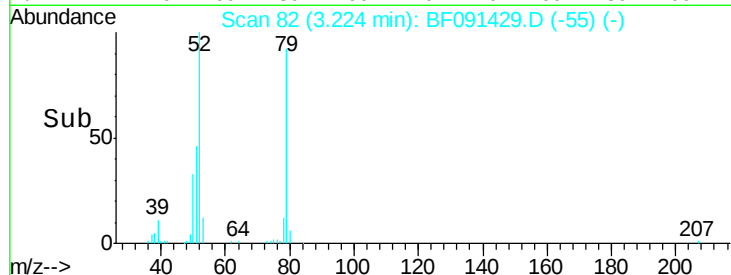
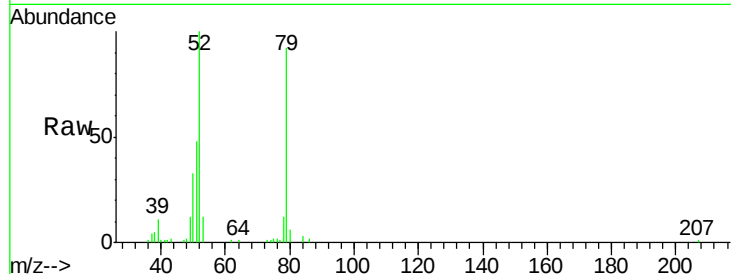
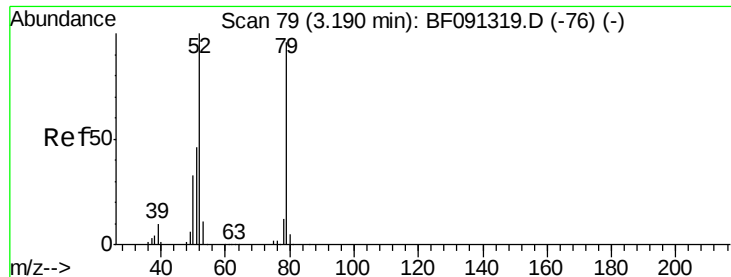


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

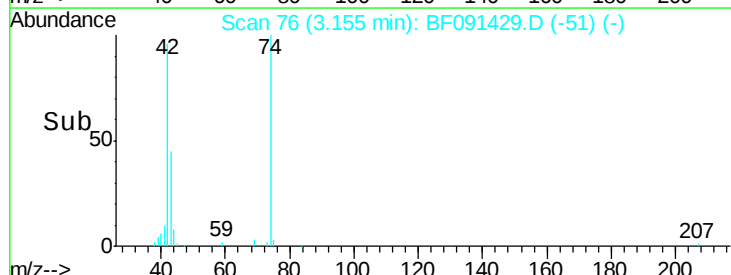
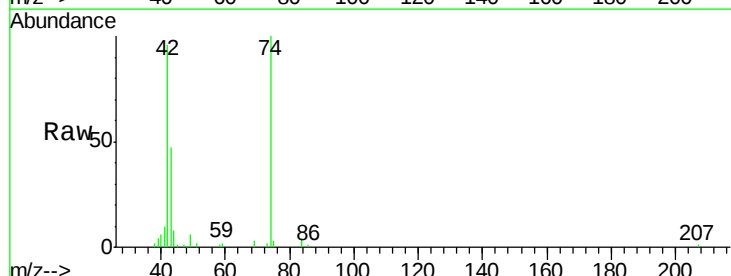
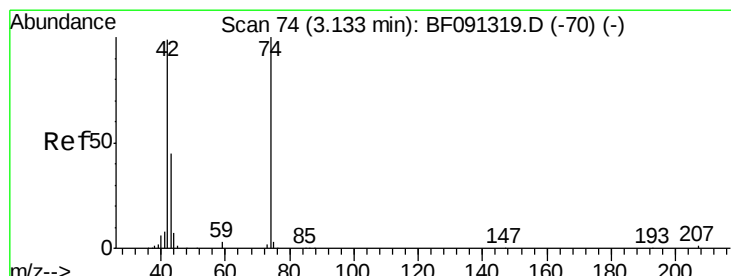
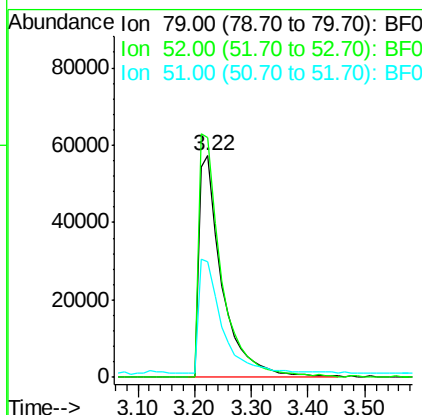




#3
 Pyridine
 Concen: 13.98 ng
 RT: 3.22 min Scan# 82
 Delta R.T. 0.01 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

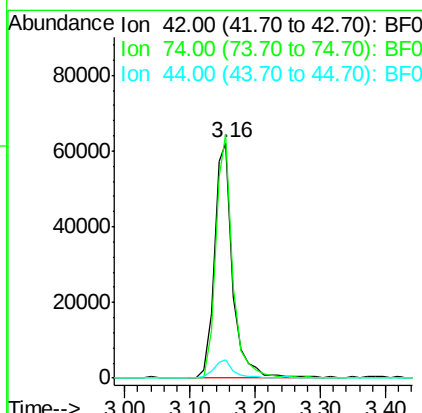
Instrument :
 BNA_F
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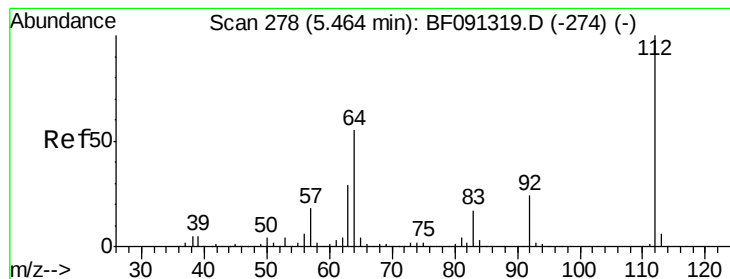
Tgt Ion: 79 Resp: 157274
 Ion Ratio Lower Upper
 79 100
 52 108.1 71.0 106.4#
 51 52.3 37.0 55.4



#4
 n-Nitrosodimethylamine
 Concen: 20.76 ng
 RT: 3.16 min Scan# 76
 Delta R.T. -0.02 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion: 42 Resp: 122560
 Ion Ratio Lower Upper
 42 100
 74 103.8 78.9 118.3
 44 7.8 5.8 8.6





#5

2-Fluorophenol

Concen: 72.13 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

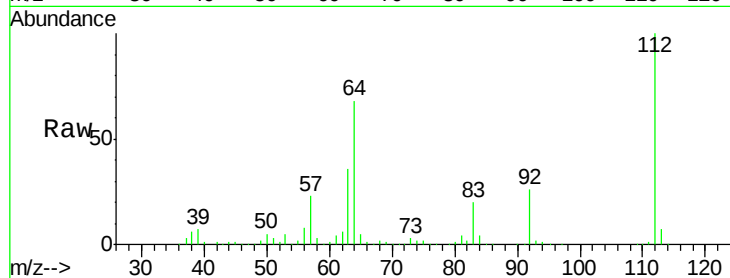
Instrument :

BNA_F

ClientSampleId :

MW-15MS

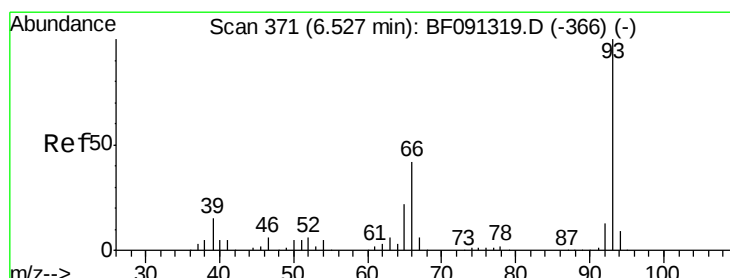
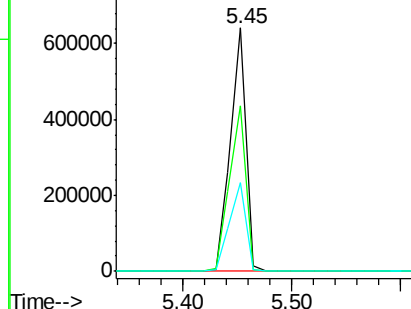
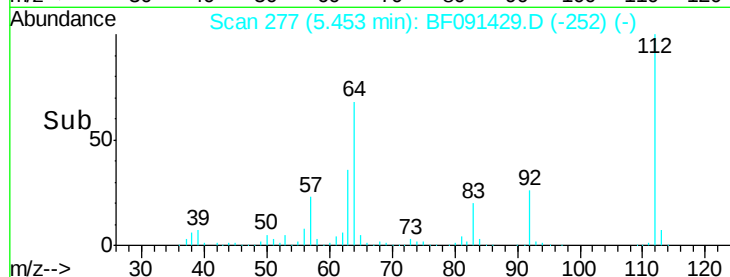
Tgt Ion:	112	Resp:	633925
Ion	Ratio	Lower	Upper
112	100		
64	67.9	61.5	92.3
63	36.4	33.3	49.9



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: 17.30 ng

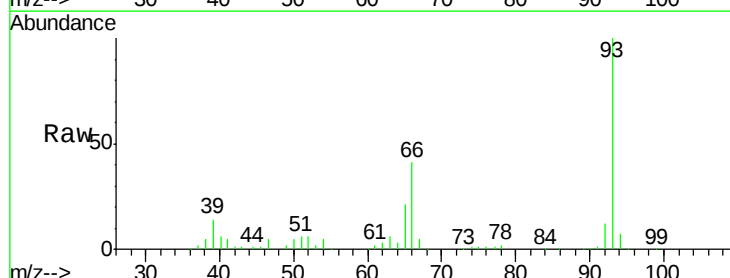
RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

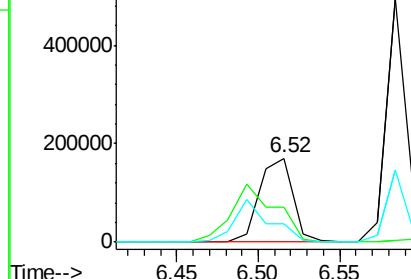
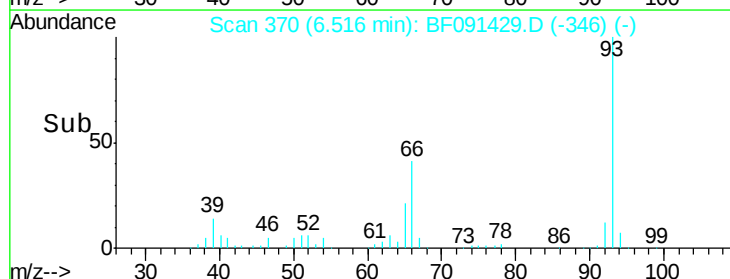
Tgt Ion:	93	Resp:	248556
Ion	Ratio	Lower	Upper
93	100		
66	41.1	55.8	83.6#
65	21.4	29.9	44.9#

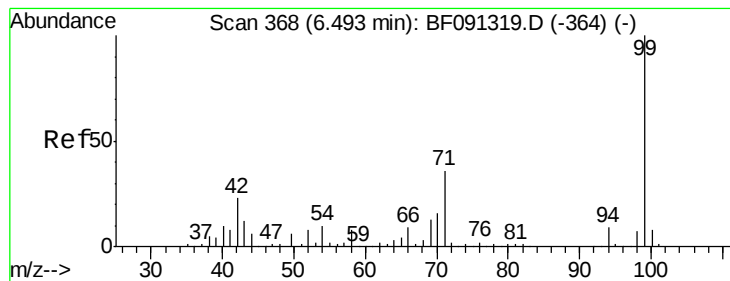


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 49.61 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091429.D

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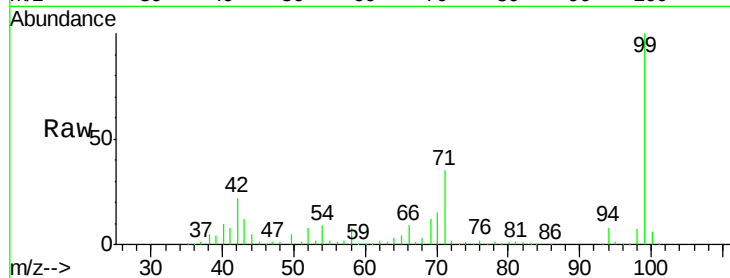
Tgt Ion: 99 Resp: 536656

Ion Ratio Lower Upper

99 100

42 21.5 20.6 31.0

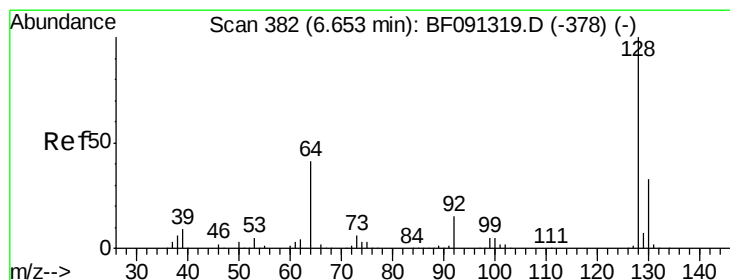
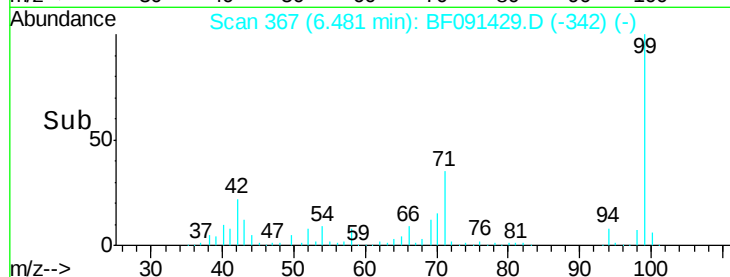
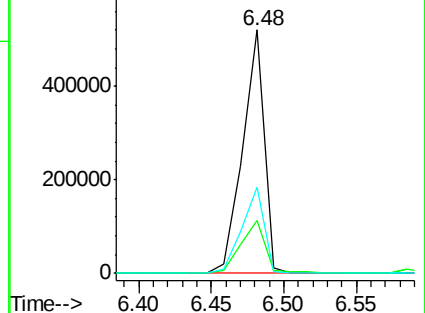
71 35.4 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.19 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

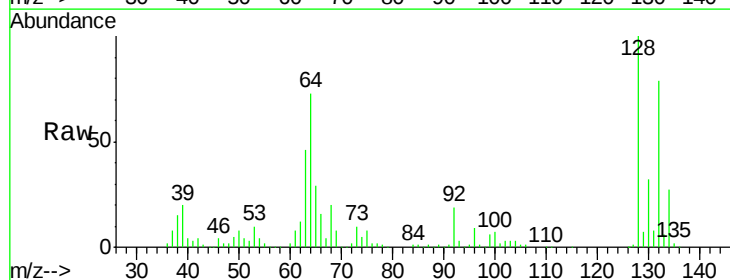
Tgt Ion: 128 Resp: 367954

Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

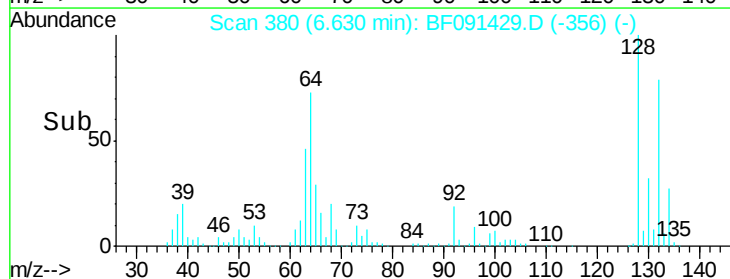
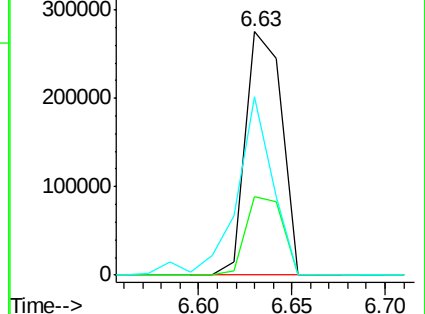
64 73.0 24.1 64.1#

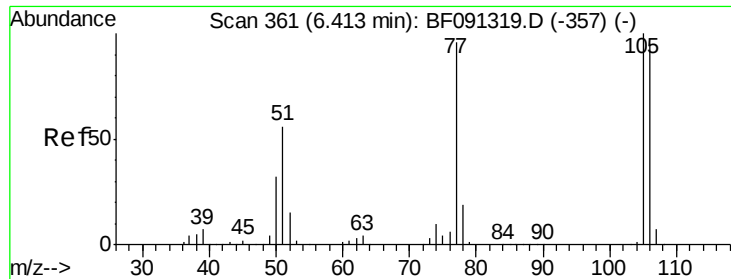


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

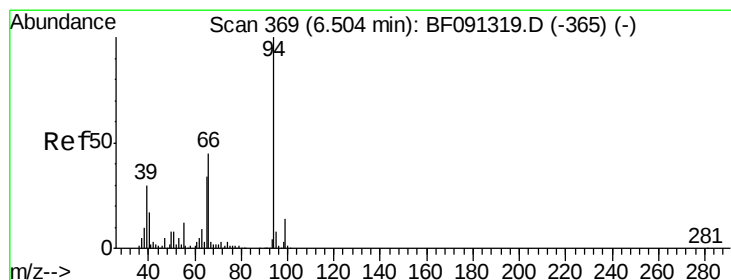
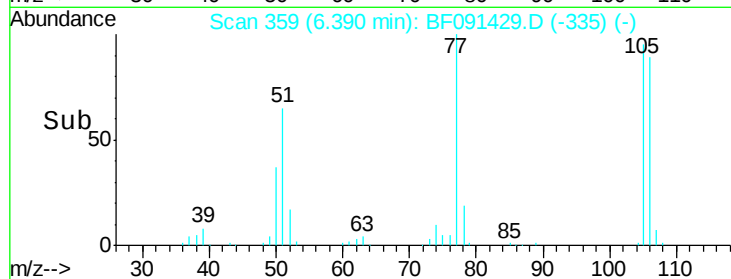
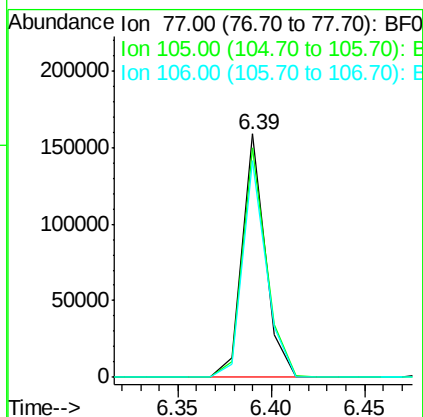
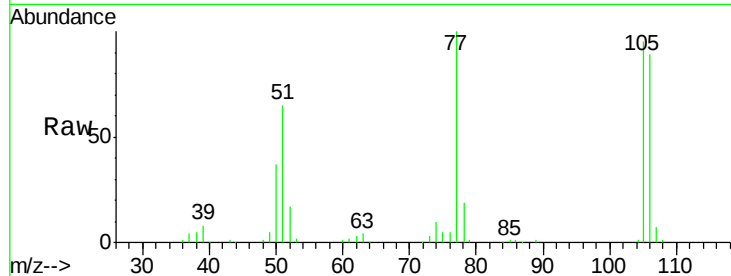




#9
Benzaldehyde
Concen: 19.70 ng
RT: 6.39 min Scan# 359
Delta R.T. -0.03 min
Lab File: BF091429.D
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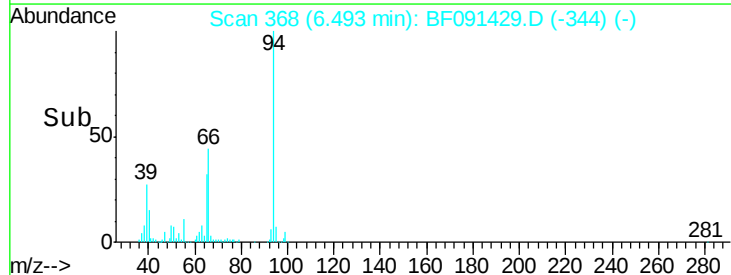
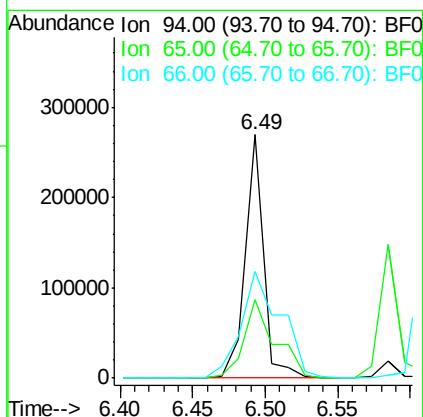
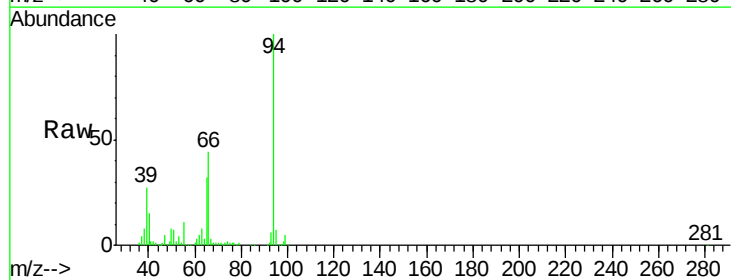
Instrument :
BNA_F
ClientSampleId :
MW-15MS

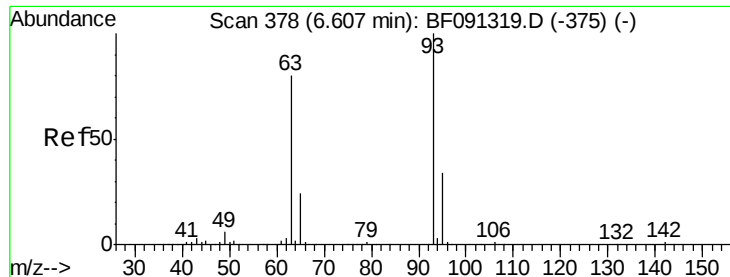
Tgt Ion: 77 Resp: 137062
Ion Ratio Lower Upper
77 100
105 94.5 66.4 106.4
106 89.3 60.9 100.9



#10
Phenol
Concen: 18.55 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion: 94 Resp: 236146
Ion Ratio Lower Upper
94 100
65 32.1 16.9 56.9
66 43.6 30.6 70.6

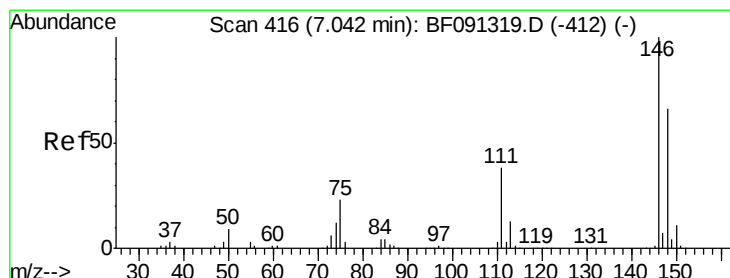
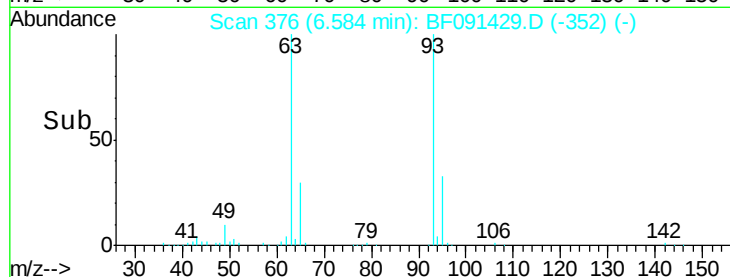
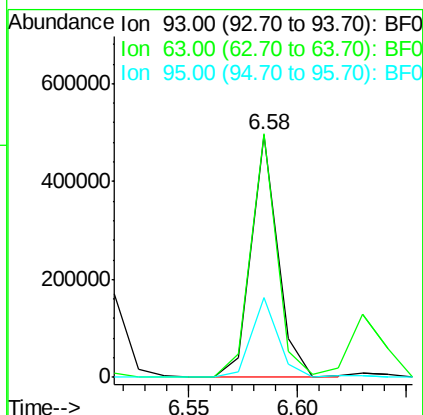
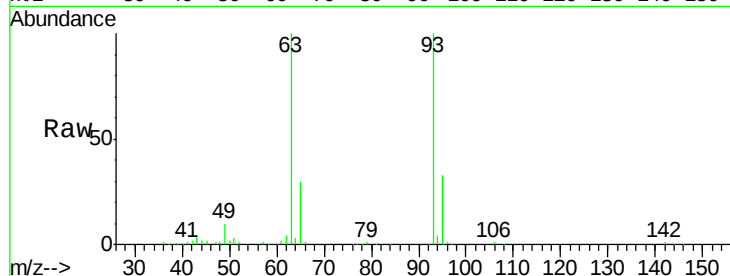




#11
bis(2-Chloroethyl)ether
Concen: 45.86 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

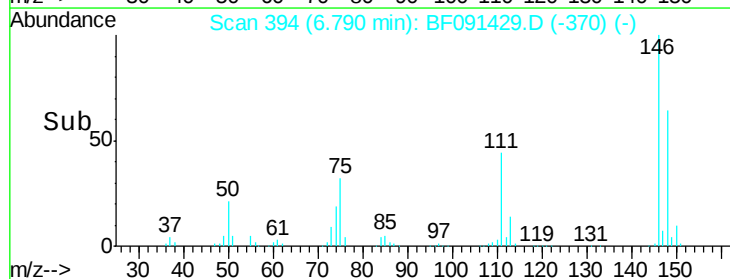
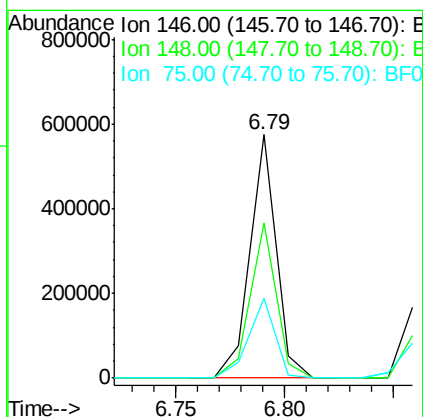
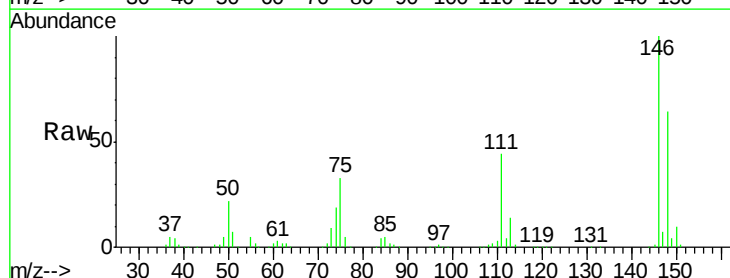
Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tgt Ion: 93 Resp: 417132
Ion Ratio Lower Upper
93 100
63 100.5 74.8 114.8
95 33.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.01 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion: 146 Resp: 482479
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 32.6 23.6 35.4

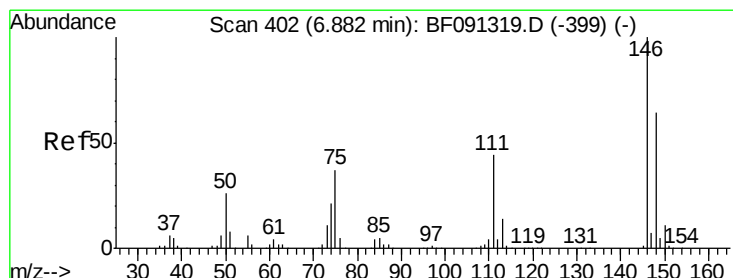
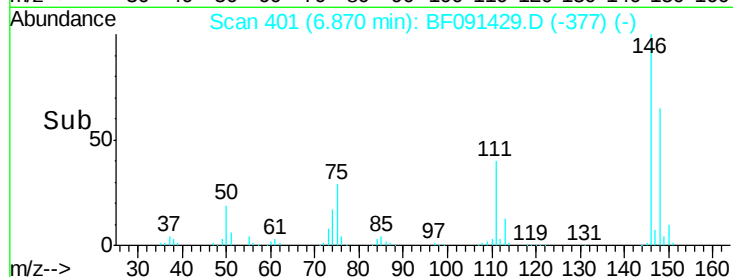
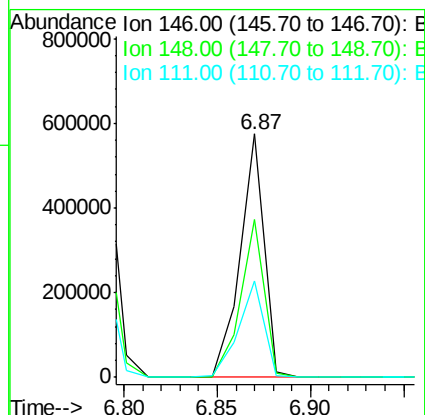
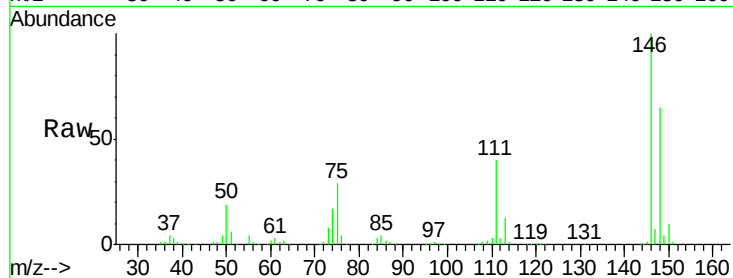




#13
 1,4-Dichlorobenzene
 Concen: 48.50 ng
 RT: 6.87 min Scan# 401
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

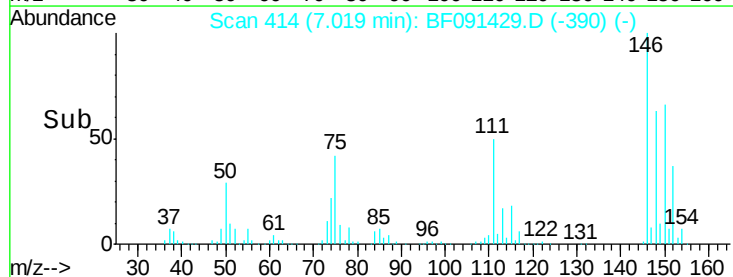
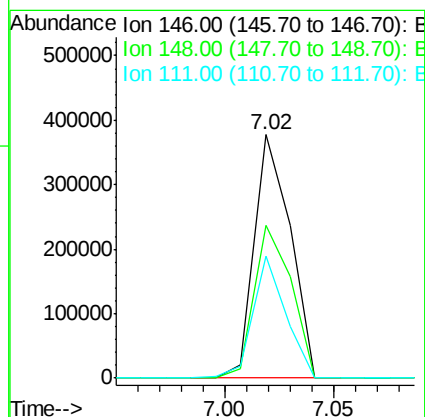
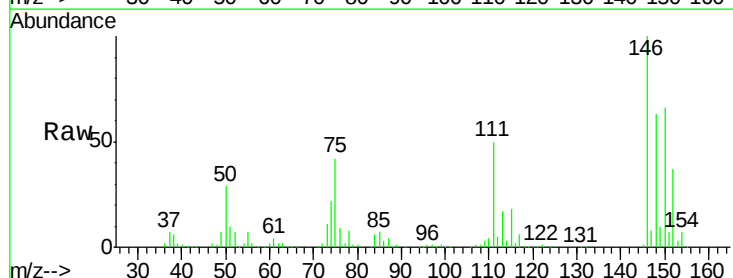
Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tgt Ion:146 Resp: 517088
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.4 77.0
 111 39.6 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 43.77 ng
 RT: 7.02 min Scan# 414
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:146 Resp: 434714
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.0 76.6
 111 50.0 38.9 58.3





#15

Benzyl Alcohol

Concen: 33.48 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

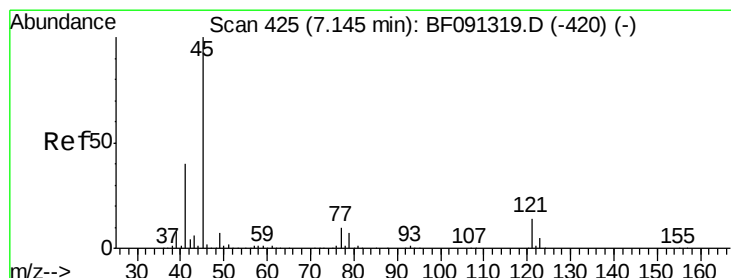
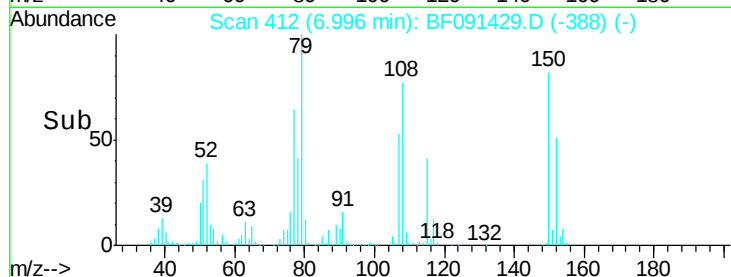
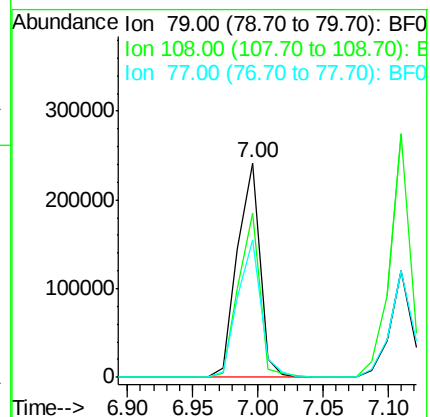
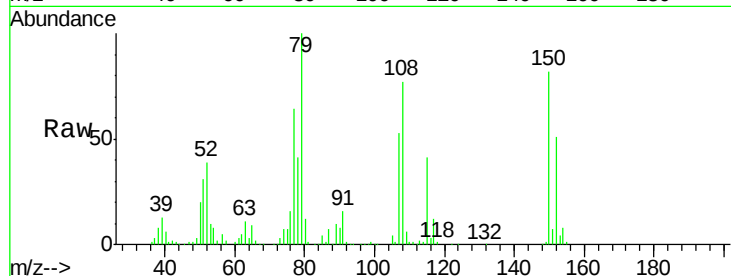
Tgt Ion: 79 Resp: 289866

Ion Ratio Lower Upper

79 100

108 76.6 62.7 94.1

77 63.9 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.39 ng

RT: 7.13 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

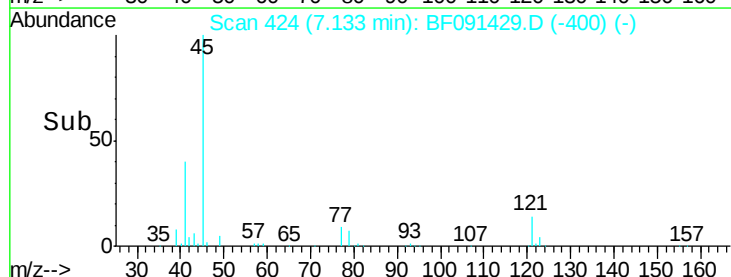
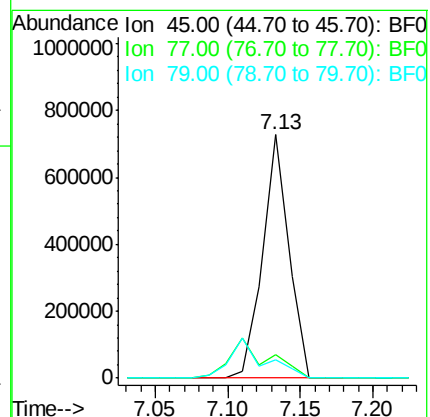
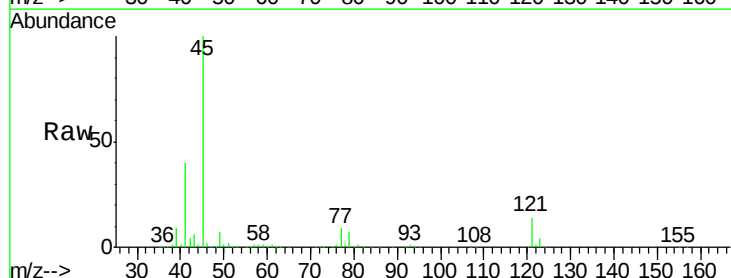
Tgt Ion: 45 Resp: 907359

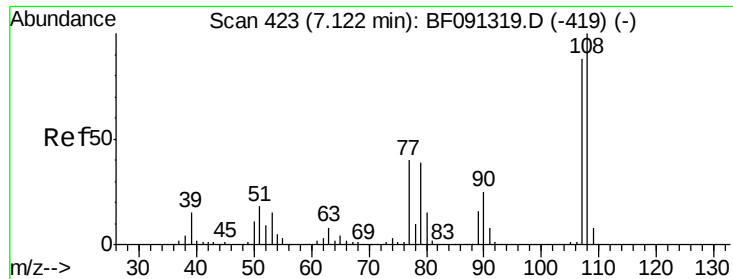
Ion Ratio Lower Upper

45 100

77 9.4 3.8 43.8

79 7.4 0.2 40.2

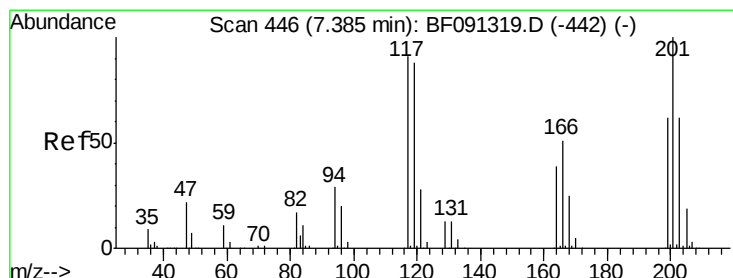
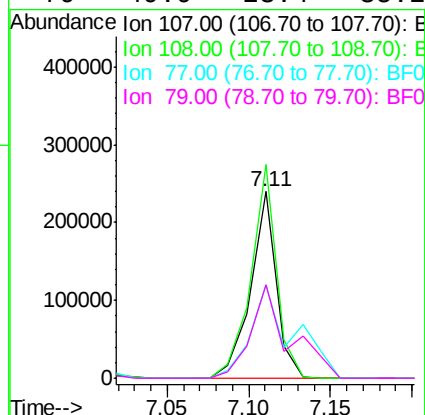
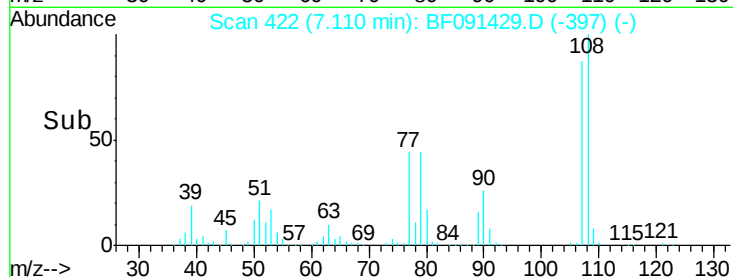
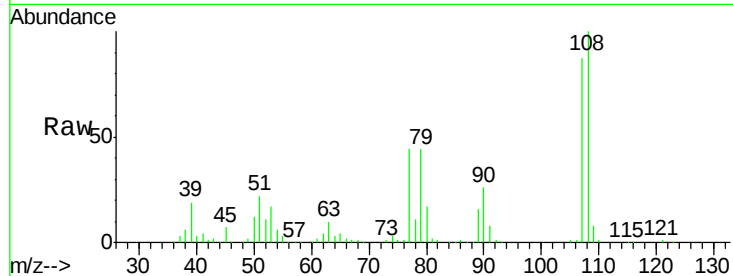




#17
2-Methylphenol
Concen: 34.28 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

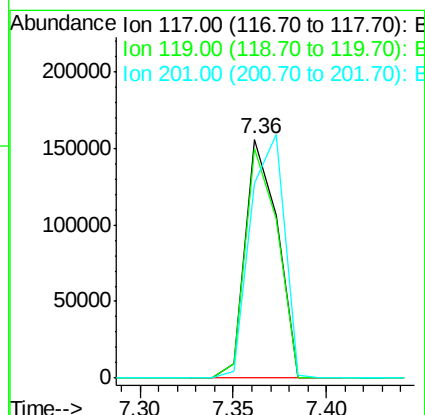
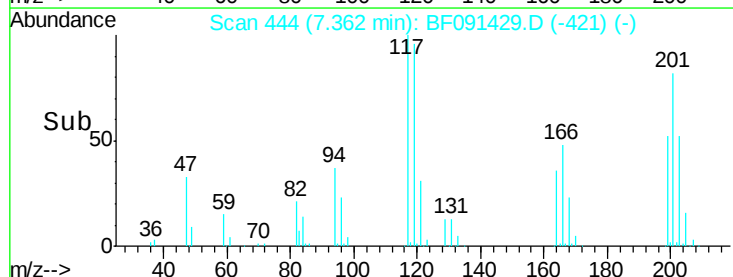
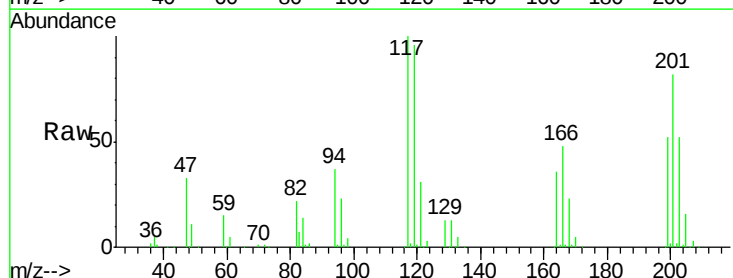
Instrument :
BNA_F
ClientSampleId :
MW-15MS

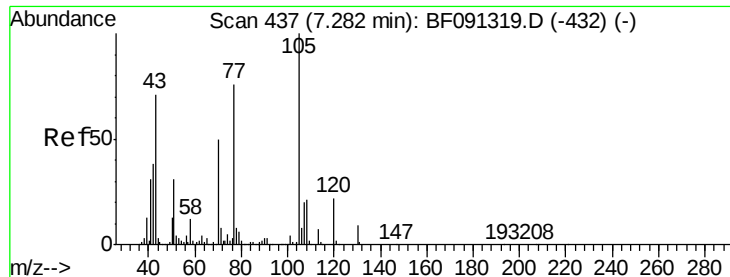
Tgt Ion:107 Resp: 261092
Ion Ratio Lower Upper
107 100
108 114.3 67.7 101.5#
77 50.3 40.7 61.1
79 49.9 23.4 35.2#



#18
Hexachloroethane
Concen: 49.29 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.04 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion:117 Resp: 186592
Ion Ratio Lower Upper
117 100
119 96.1 78.6 118.0
201 81.8 86.7 130.1#

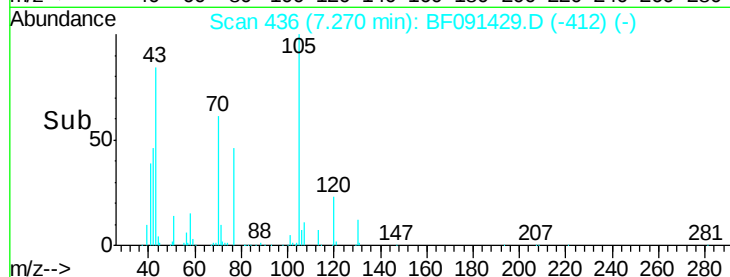
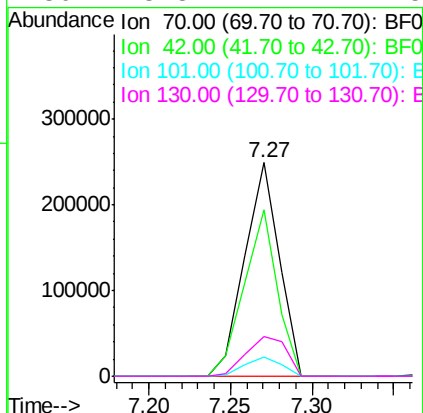
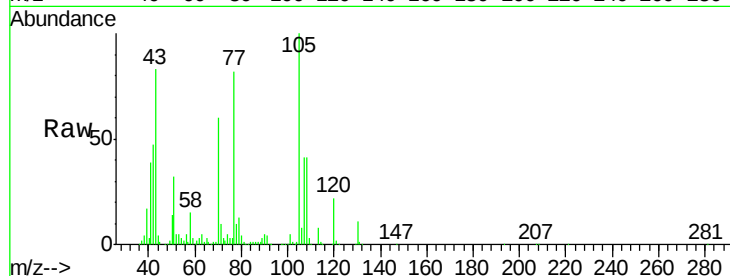




#19
n-Nitroso-di-n-propylamine
Concen: 53.80 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

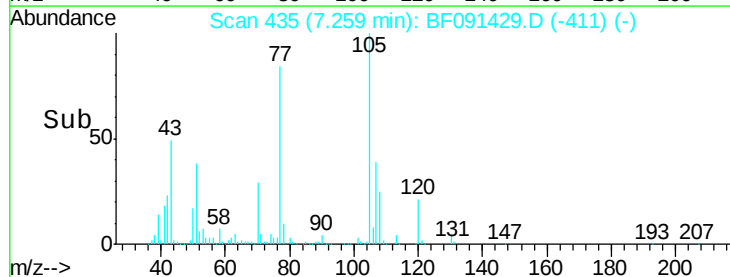
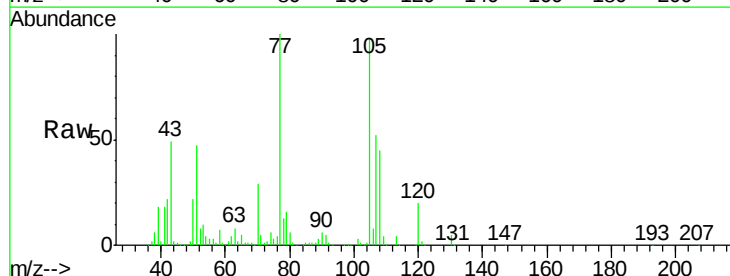
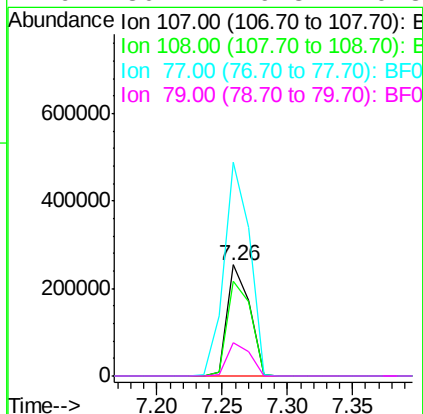
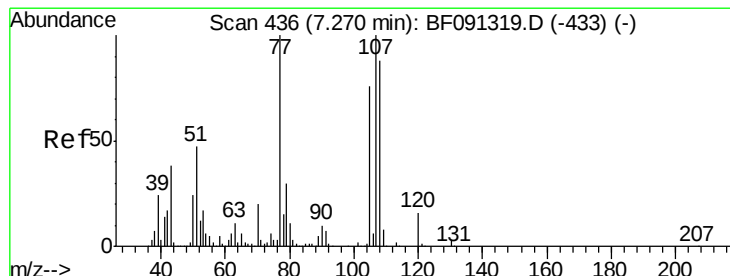
Instrument :
BNA_F
ClientSampleId :
MW-15MS

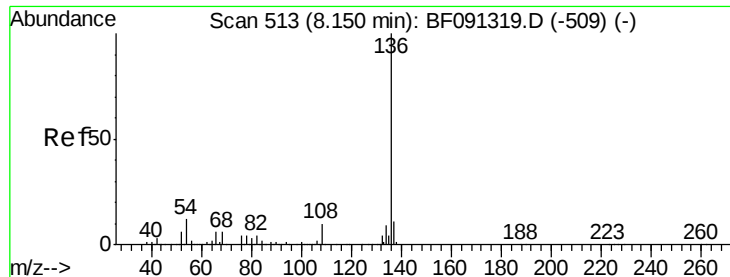
Tgt Ion: 70 Resp: 366669
Ion Ratio Lower Upper
70 100
42 77.9 64.8 97.2
101 8.8 6.2 9.4
130 18.8 11.7 17.5#



#20
3+4-Methylphenols
Concen: 32.43 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion: 107 Resp: 301588
Ion Ratio Lower Upper
107 100
108 85.5 64.6 104.6
77 191.9 30.9 70.9#
79 30.4 9.3 49.3

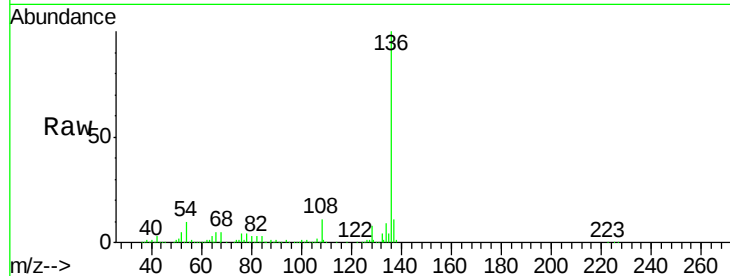




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tgt Ion:	136	Resp:	617514
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.3	9.1	13.7
68	4.5	5.9	8.9#



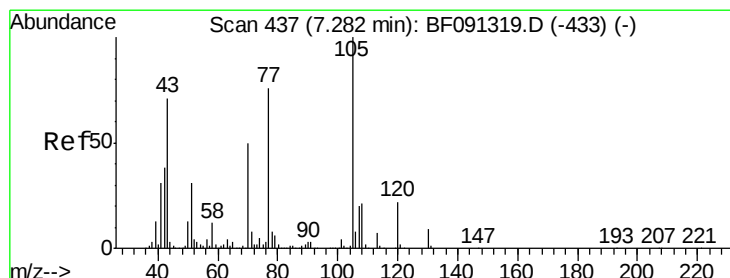
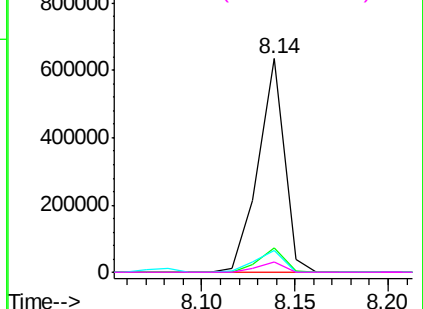
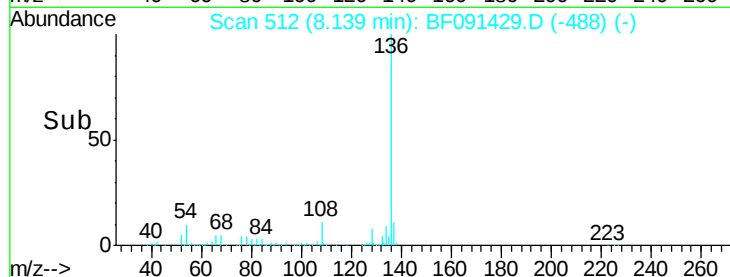
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

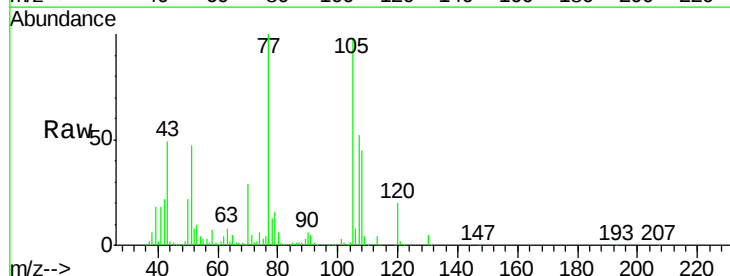
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 49.44 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion:	105	Resp:	723620
Ion	Ratio	Lower	Upper
105	100		
71	4.7	7.9	11.9#
51	48.0	24.5	36.7#
120	20.6	16.6	24.8



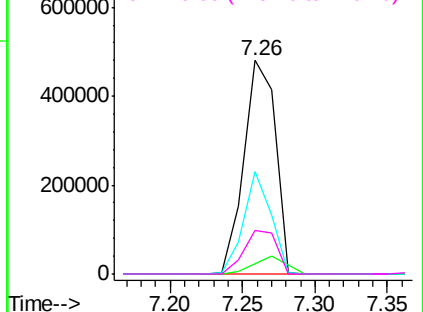
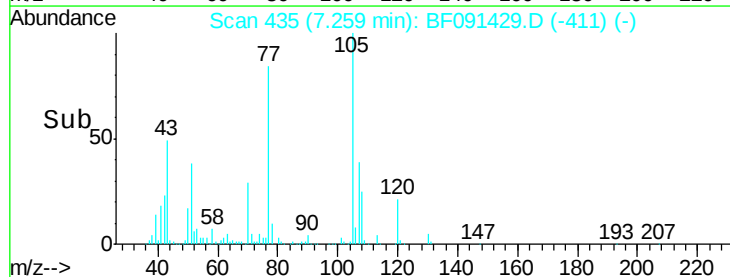
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

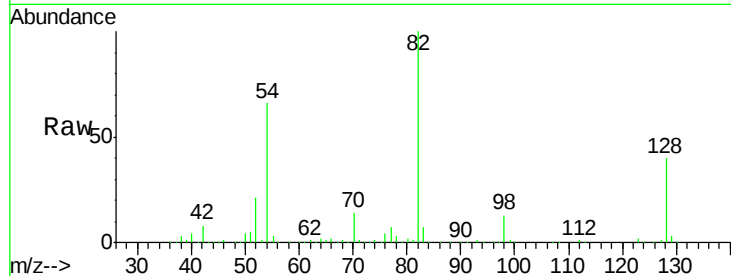




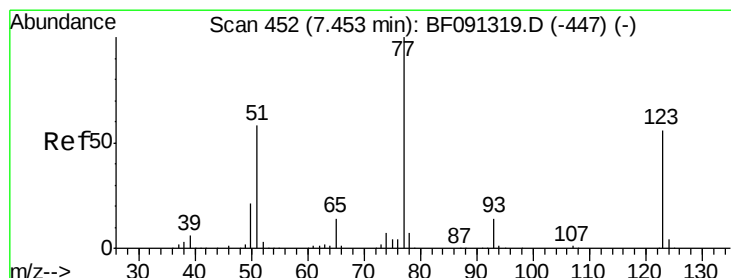
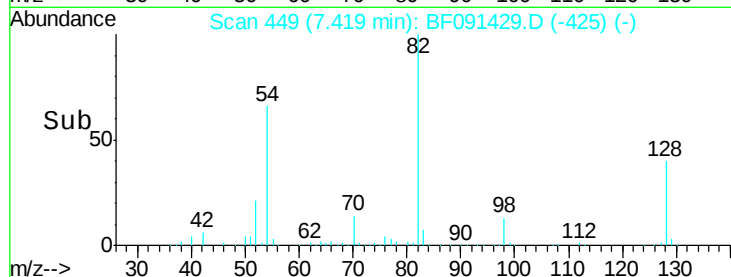
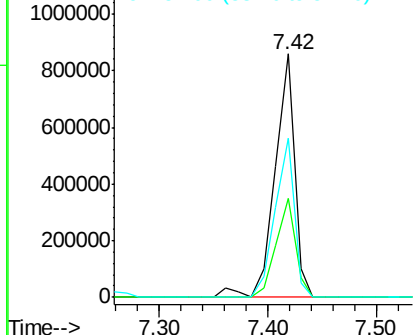
#23
 Nitrobenzene-d5
 Concen: 98.10 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tgt Ion: 82 Resp: 1080999
 Ion Ratio Lower Upper
 82 100
 128 40.4 31.8 47.6
 54 65.6 49.1 73.7

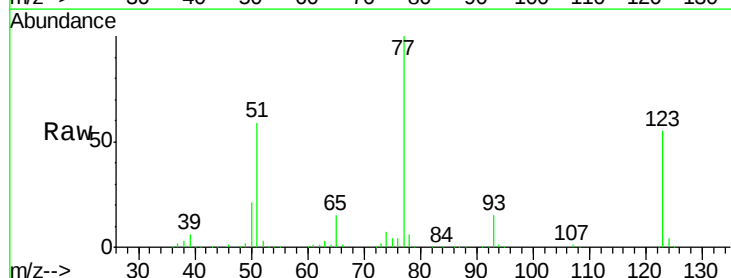


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

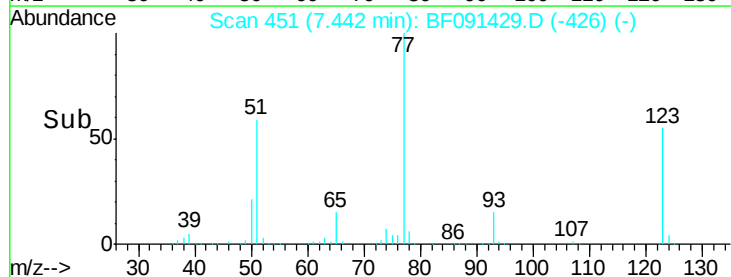
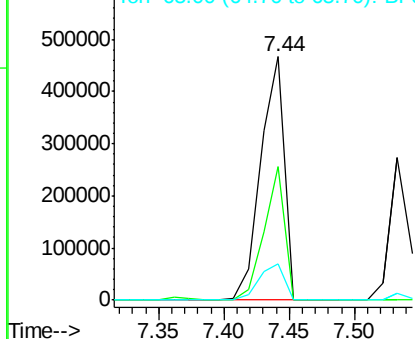


#24
 Nitrobenzene
 Concen: 52.08 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion: 77 Resp: 587524
 Ion Ratio Lower Upper
 77 100
 123 54.6 28.5 42.7#
 65 14.8 12.5 18.7



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

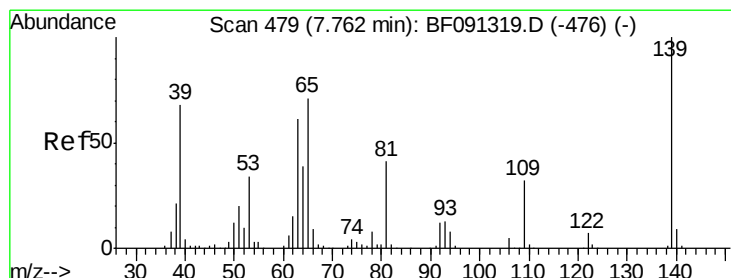
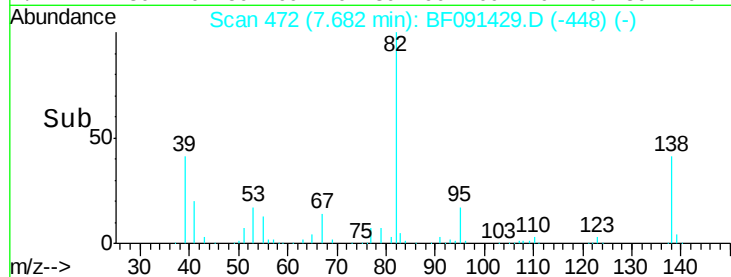
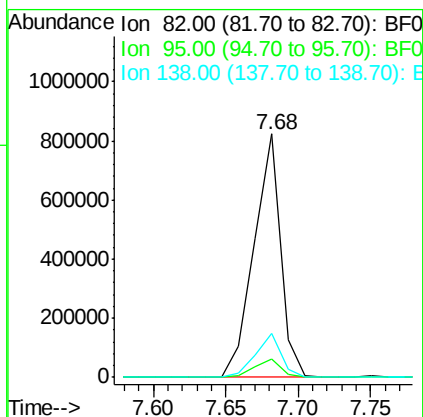
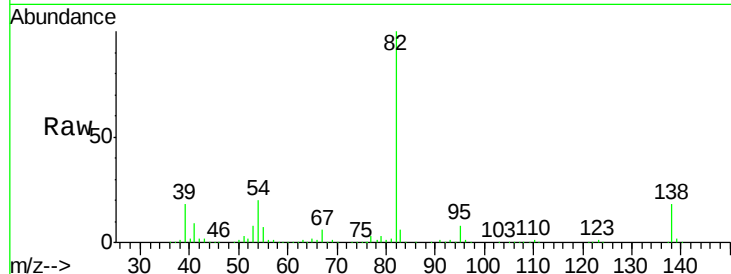




#25
Isophorone
Concen: 53.86 ng
RT: 7.68 min Scan# 472
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

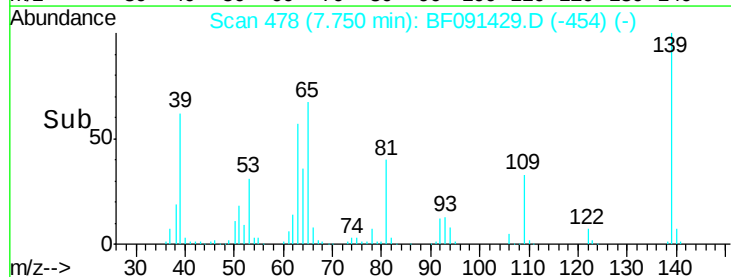
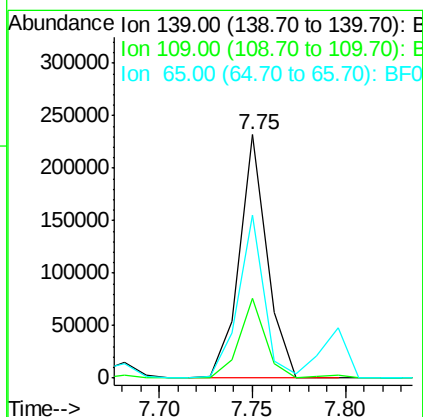
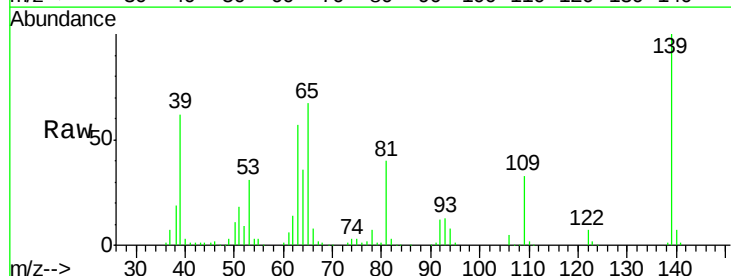
Instrument :
BNA_F
ClientSampleId :
MW-15MS

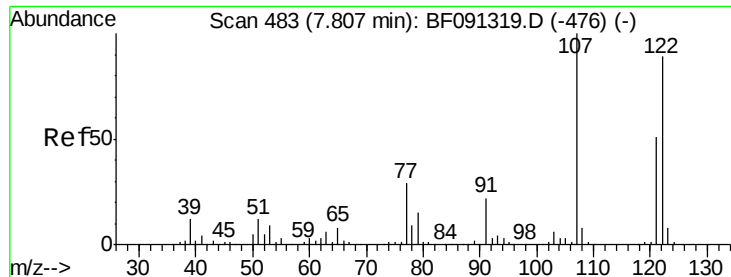
Tgt Ion: 82 Resp: 1051479
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 17.9 13.4 20.0



#26
2-Nitrophenol
Concen: 46.66 ng
RT: 7.75 min Scan# 478
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion: 139 Resp: 239891
Ion Ratio Lower Upper
139 100
109 33.0 25.3 37.9
65 67.2 55.4 83.2

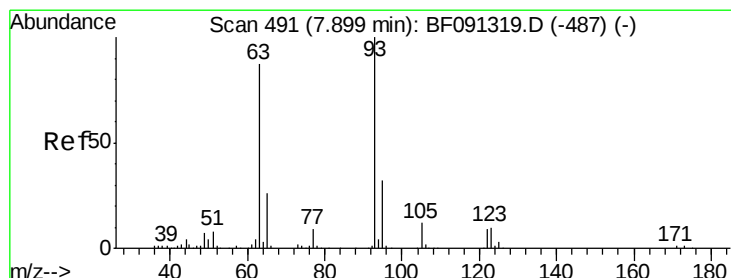
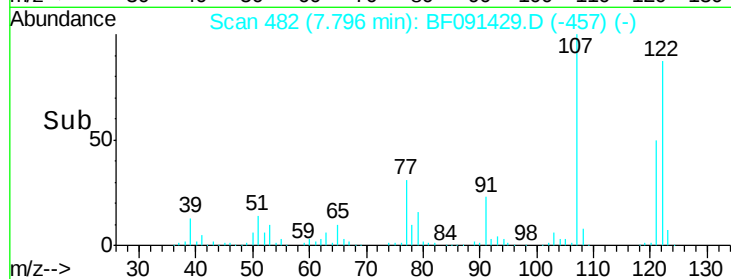
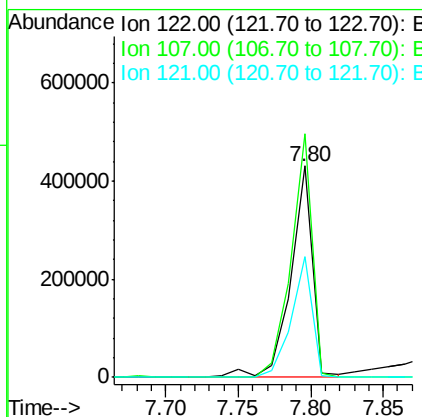
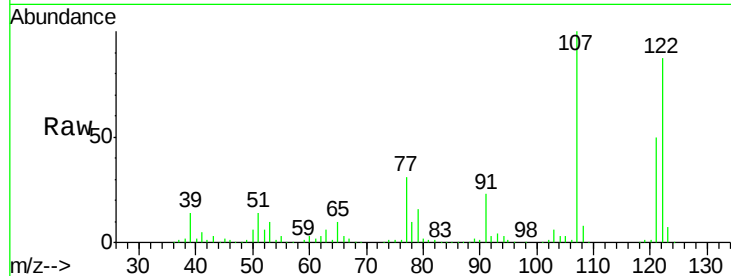




#27
 2,4-Dimethylphenol
 Concen: 46.48 ng
 RT: 7.80 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

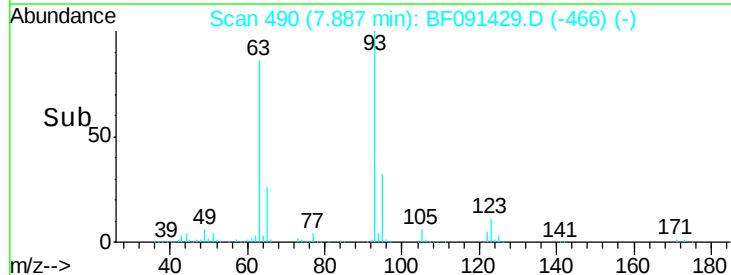
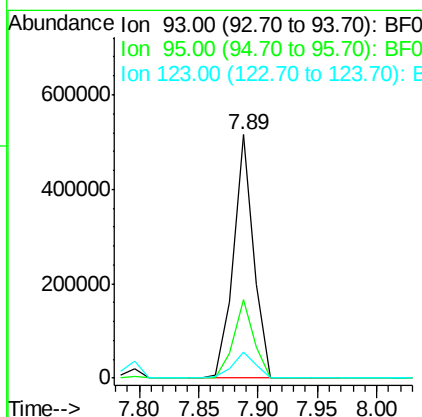
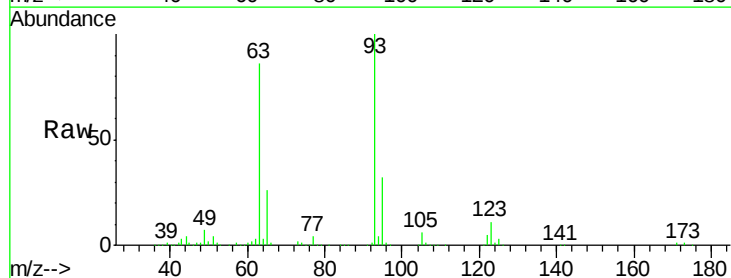
Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

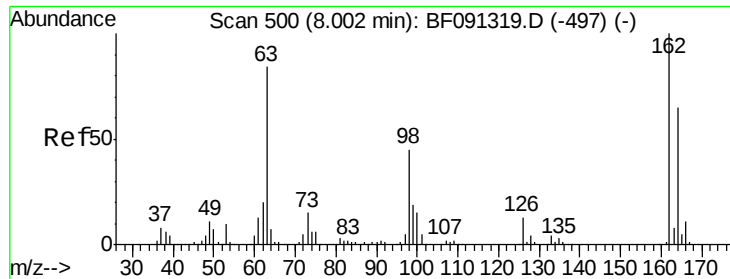
Tgt Ion: 122 Resp: 447054
 Ion Ratio Lower Upper
 122 100
 107 115.3 96.8 145.2
 121 57.3 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.45 ng
 RT: 7.89 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion: 93 Resp: 604530
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 123 10.5 8.6 12.8

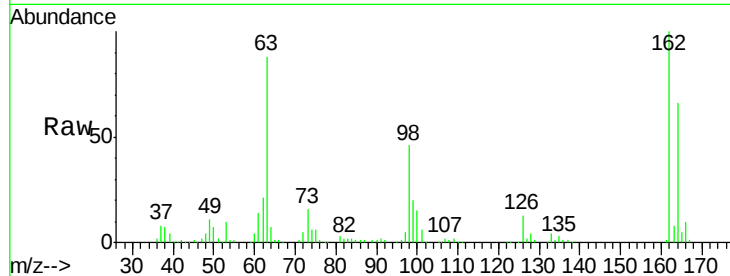




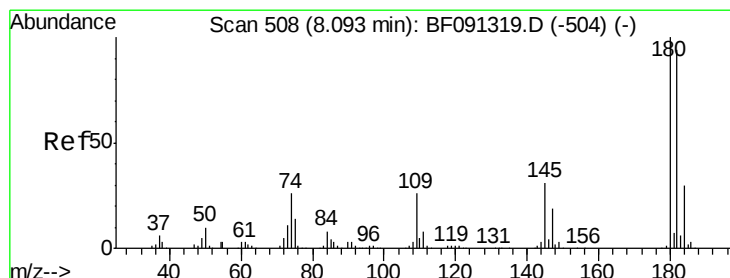
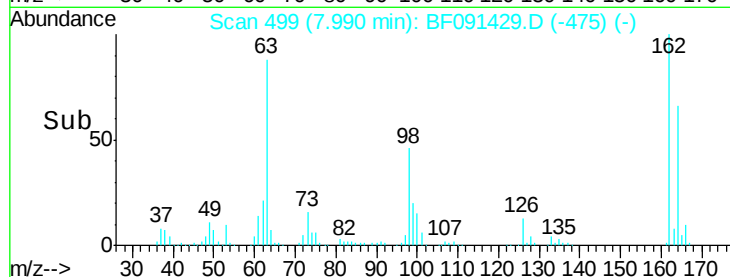
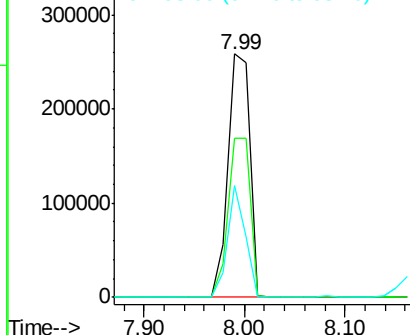
#29
2,4-Dichlorophenol
Concen: 46.26 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.0	85.0
98	45.7	21.3	61.3

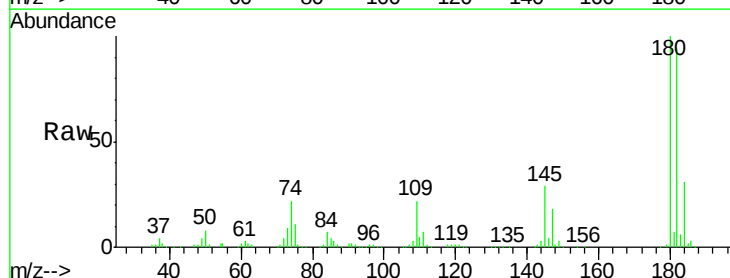


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

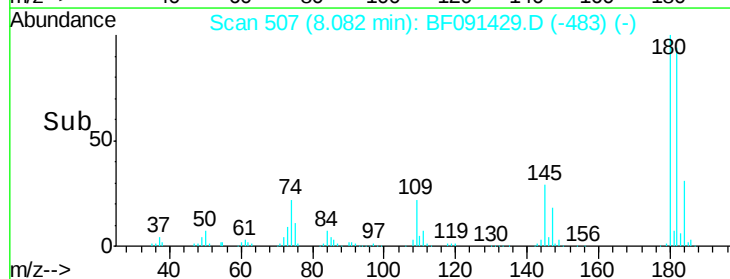
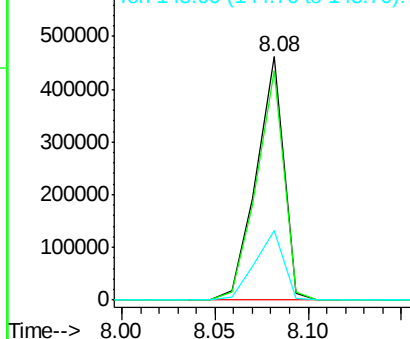


#30
1,2,4-Trichlorobenzene
Concen: 49.65 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.8
145	28.8	27.0	40.4



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





#31

Naphthalene

Concen: 51.56 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

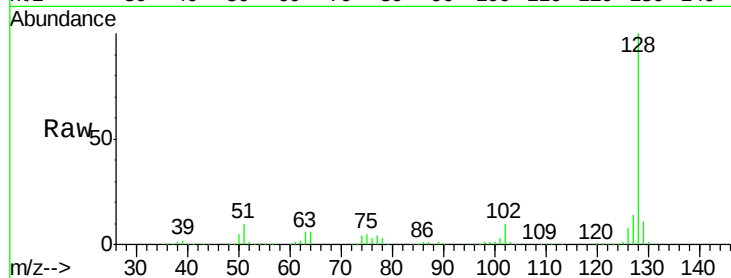
Tgt Ion:128 Resp: 1513135

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

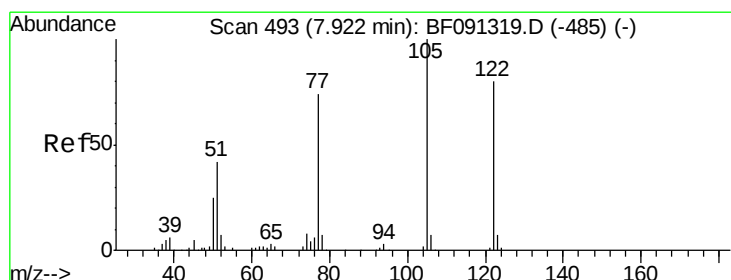
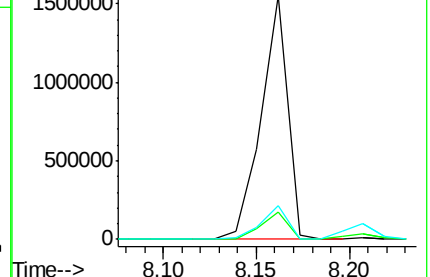
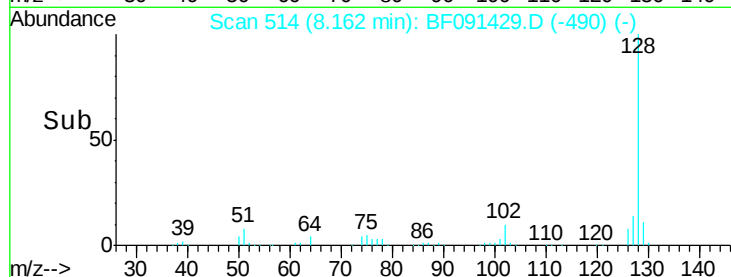
127 13.6 11.0 16.4



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: 14.19 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

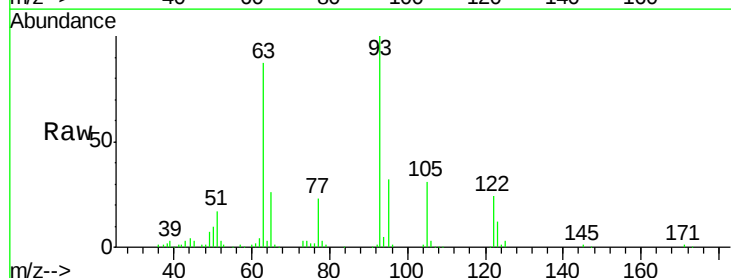
Tgt Ion:122 Resp: 100595

Ion Ratio Lower Upper

122 100

105 125.2 113.0 153.0

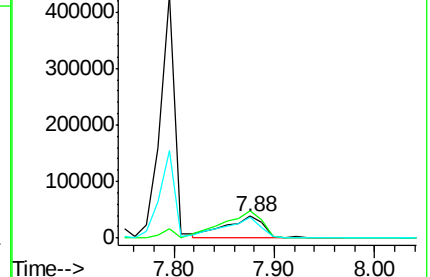
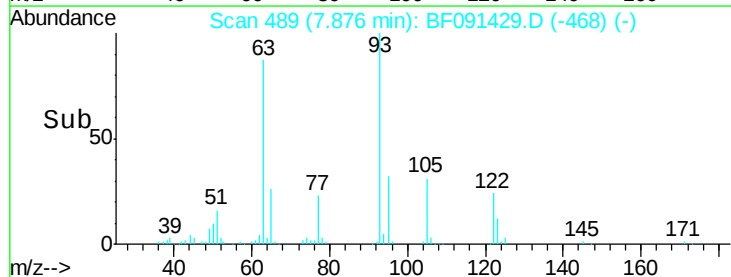
77 95.6 82.0 122.0



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

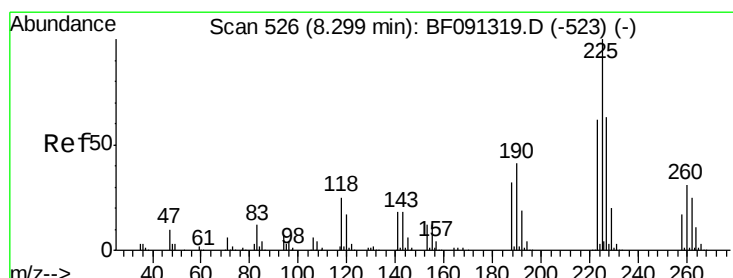
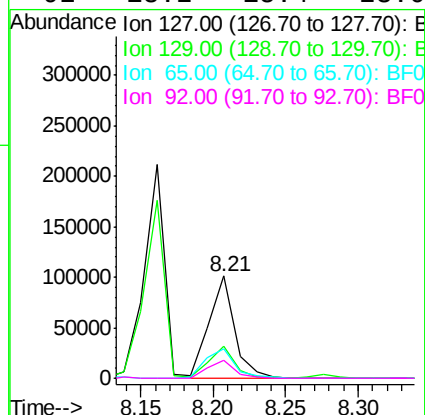
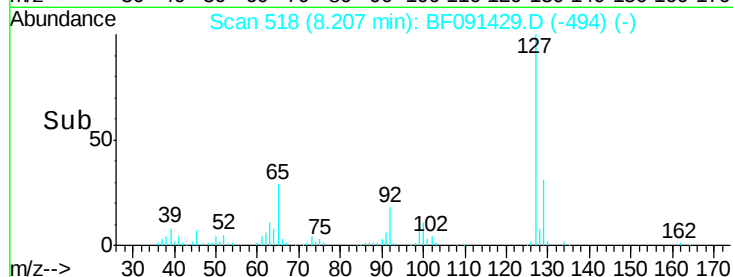
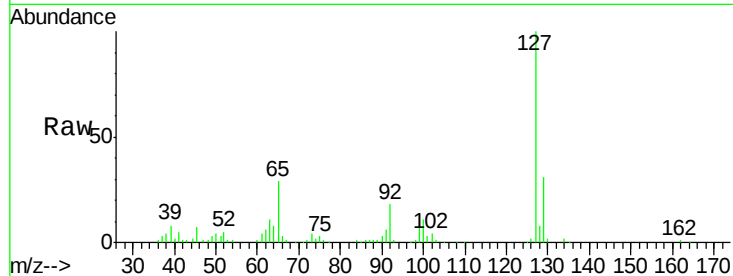




#33
4-Chloroaniline
Concen: 9.84 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

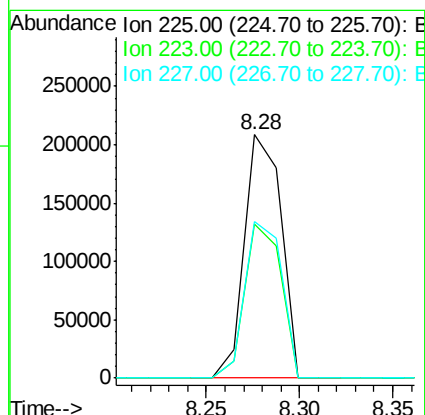
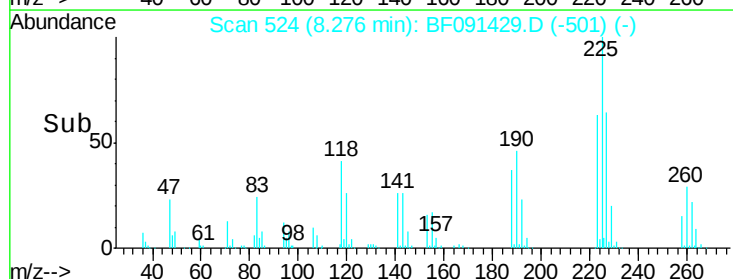
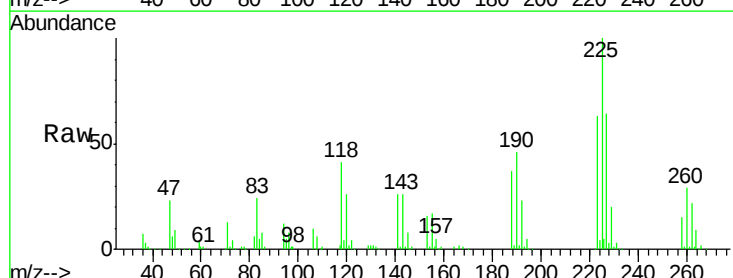
Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tgt Ion:	127	Resp:	123466
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.4
65	29.2	26.6	39.8
92	18.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 48.69 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.04 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion:	225	Resp:	283984
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	64.3	52.6	79.0

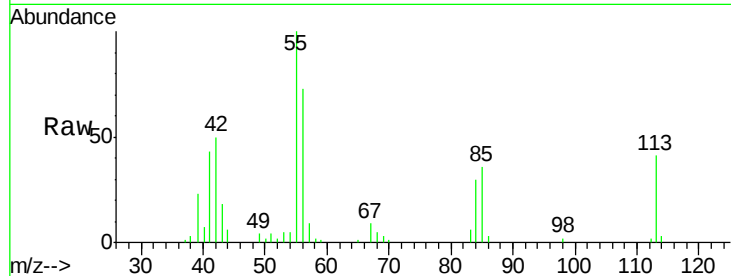




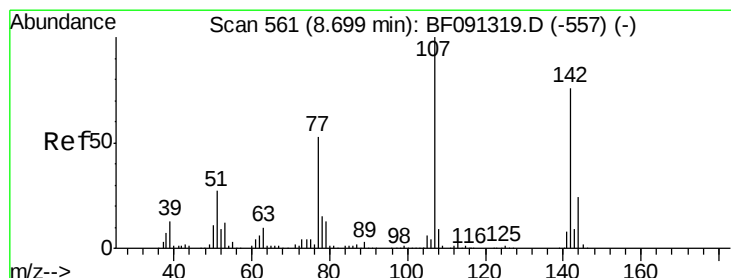
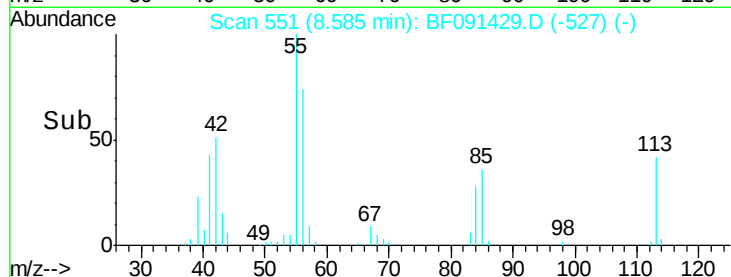
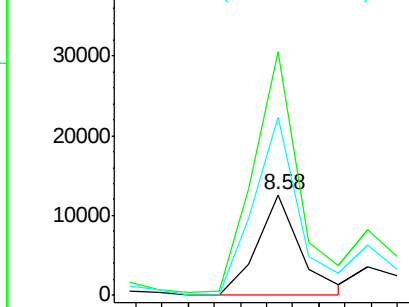
#35
 Caprolactam
 Concen: 5.93 ng
 RT: 8.58 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tgt Ion:113 Resp: 14425
 Ion Ratio Lower Upper
 113 100
 55 241.3 239.8 279.8
 56 177.1 165.6 205.6

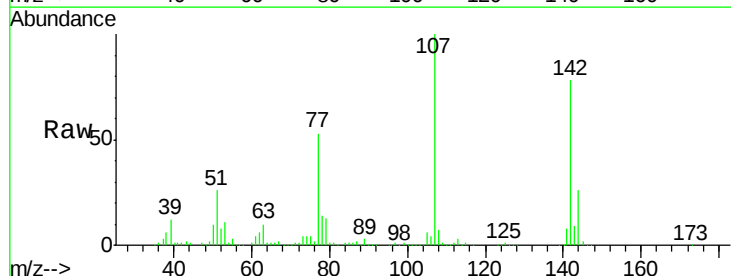


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

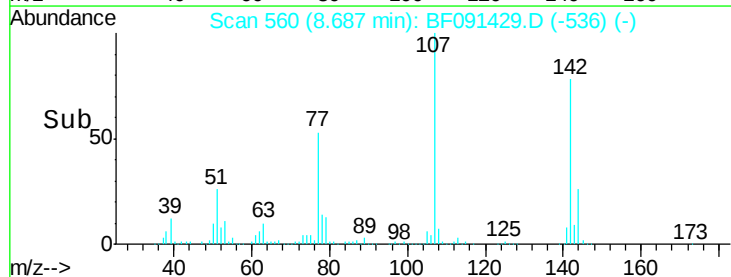
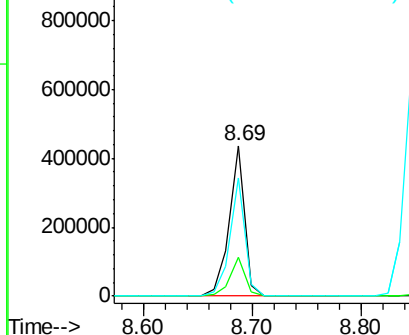


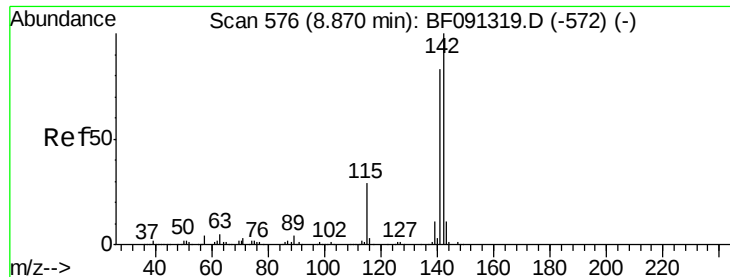
#36
 4-Chloro-3-methylphenol
 Concen: 46.67 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:107 Resp: 426293
 Ion Ratio Lower Upper
 107 100
 144 25.9 18.9 28.3
 142 78.3 58.5 87.7



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

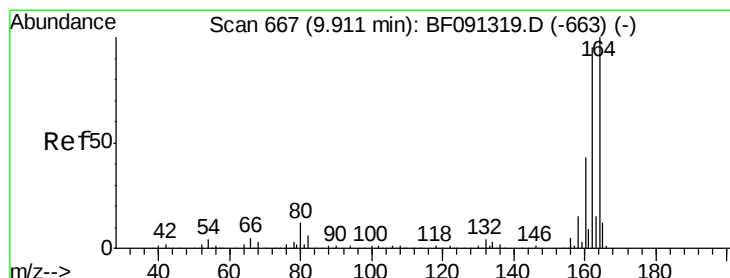
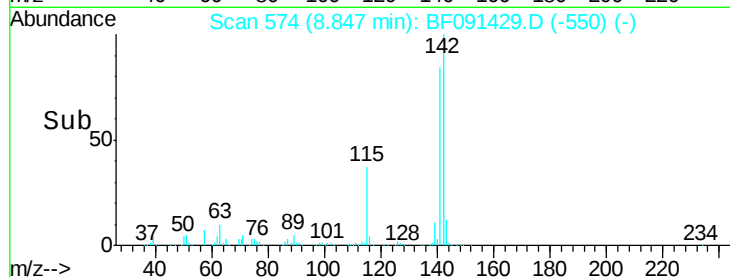
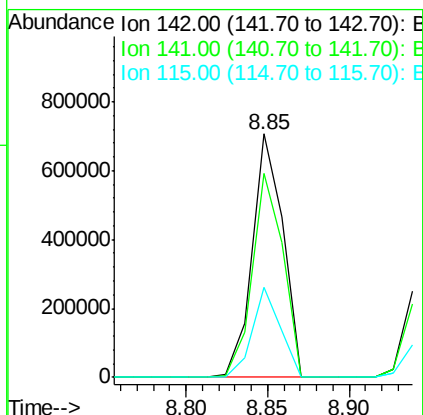
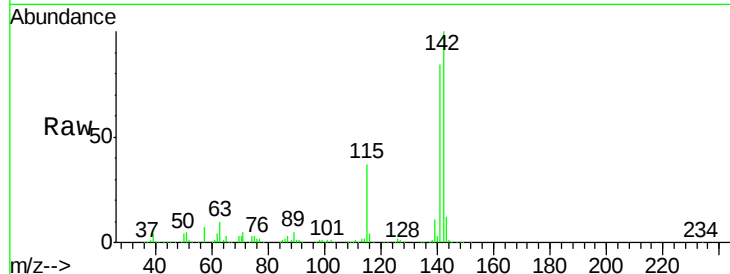




#37
2-Methylnaphthalene
Concen: 46.02 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

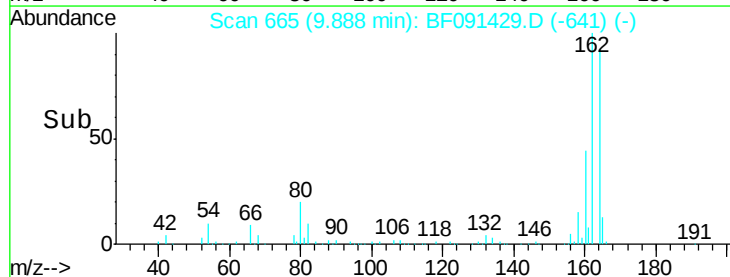
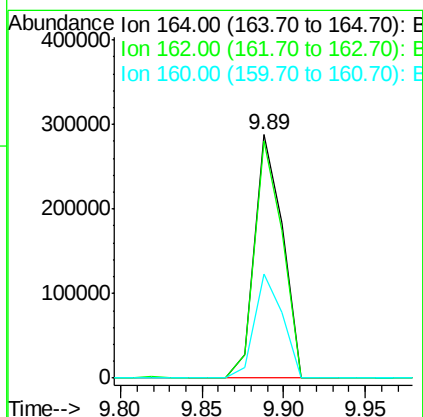
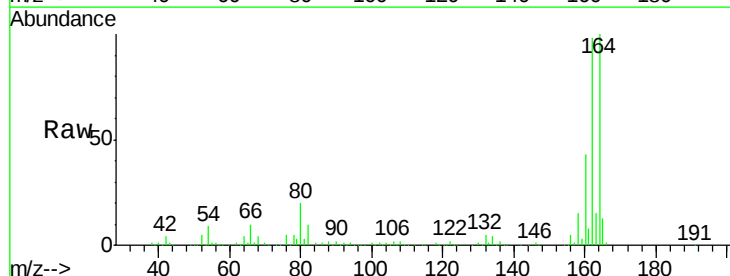
Instrument :
BNA_F
ClientSampleId :
MW-15MS

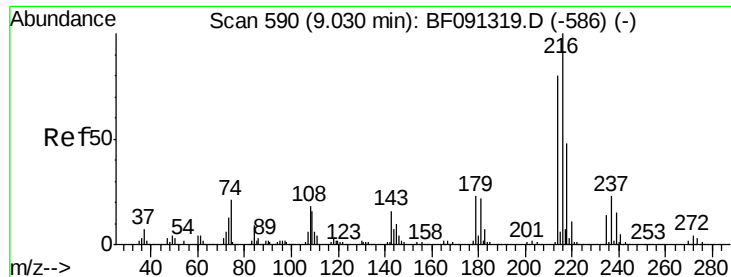
Tgt Ion:142 Resp: 917626
Ion Ratio Lower Upper
142 100
141 83.5 71.7 107.5
115 36.7 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion:164 Resp: 343990
Ion Ratio Lower Upper
164 100
162 97.5 82.6 124.0
160 42.8 36.7 55.1

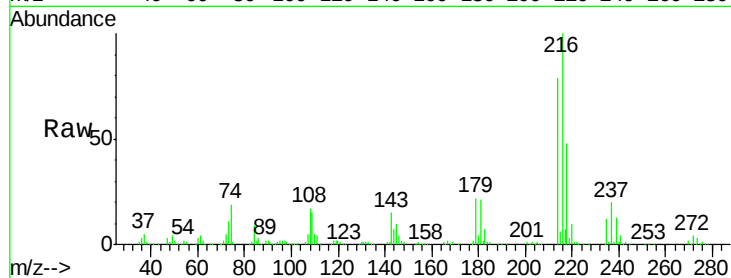




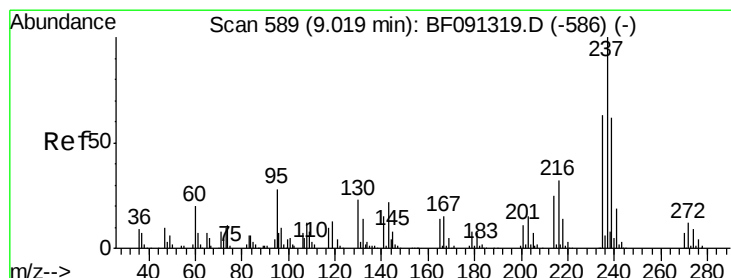
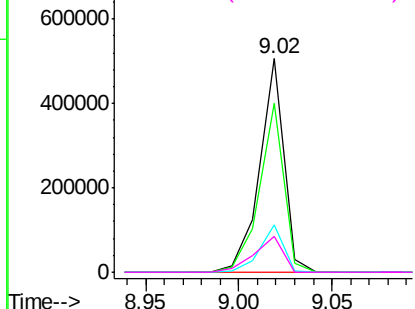
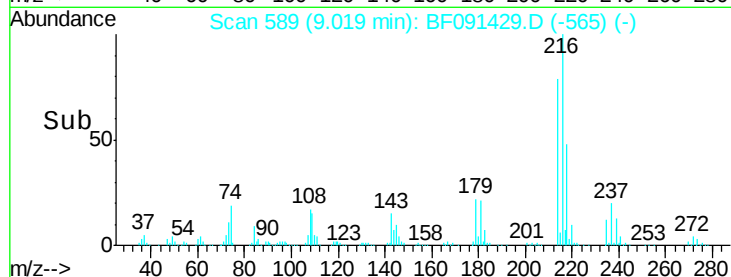
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.87 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tgt Ion:	216	Resp:	464221
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	22.1	18.2	27.2
108	19.9	17.2	25.8

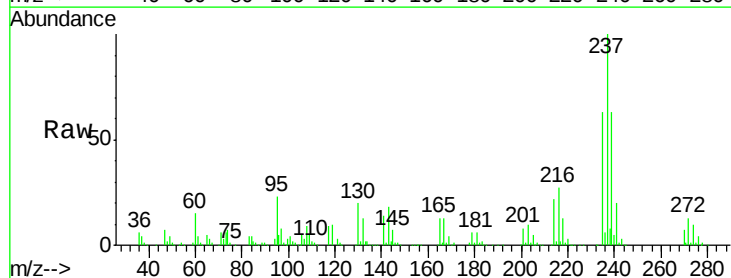


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

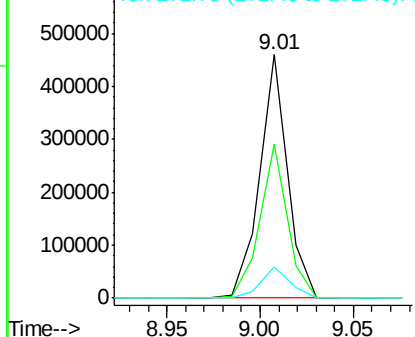
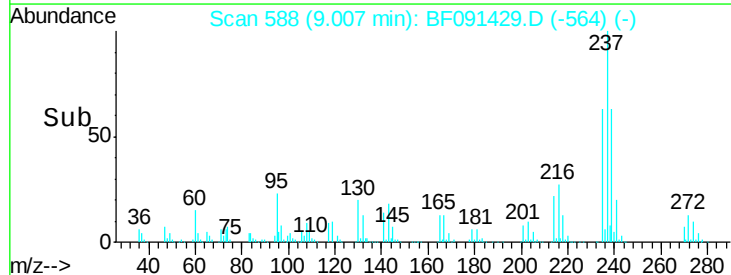


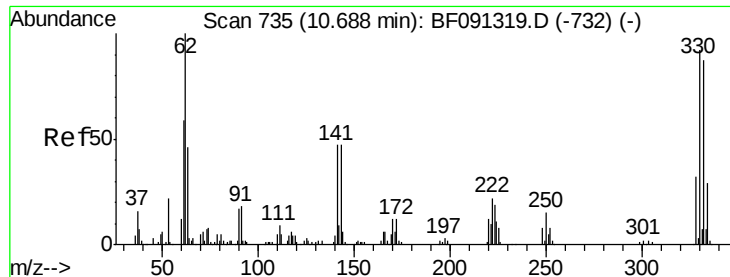
#40
 Hexachlorocyclopentadiene
 Concen: 104.79 ng
 RT: 9.01 min Scan# 588
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:	237	Resp:	471049
Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.9	83.9
272	13.0	0.0	33.1



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

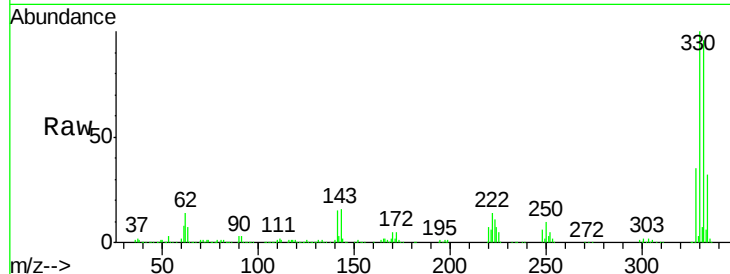




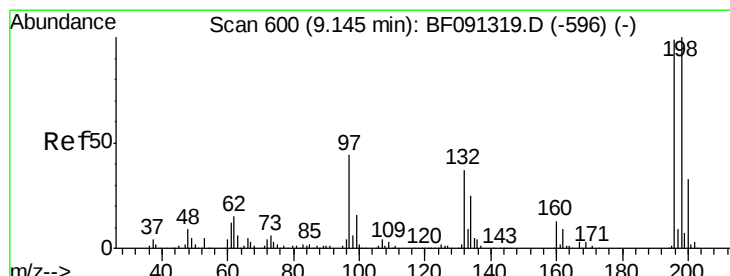
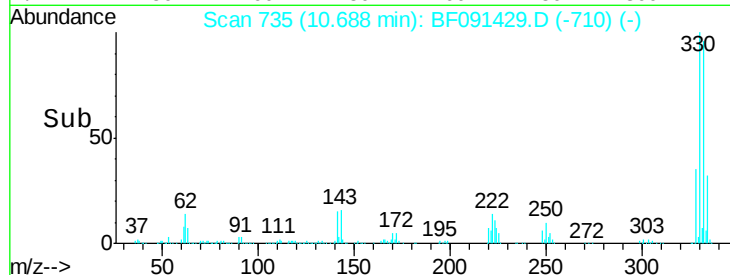
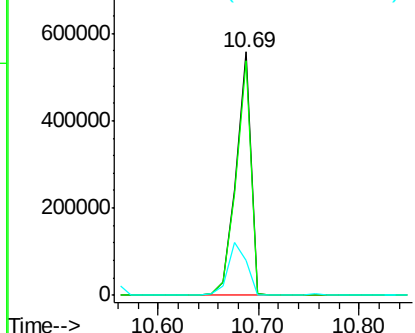
#41
 2,4,6-Tribromophenol
 Concen: 177.11 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tgt Ion:330 Resp: 576769
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 27.1 33.6 50.4#

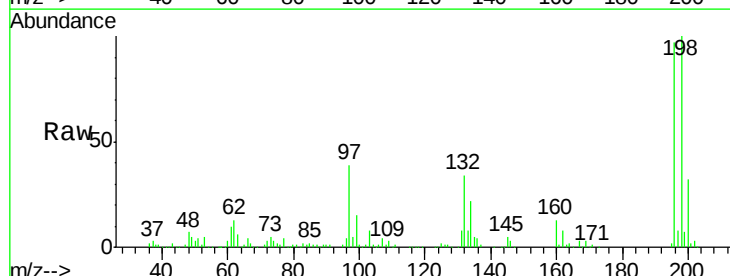


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

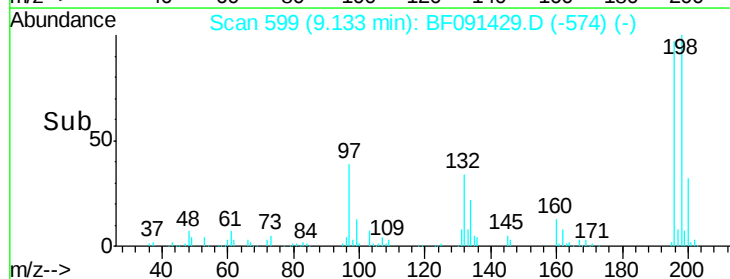
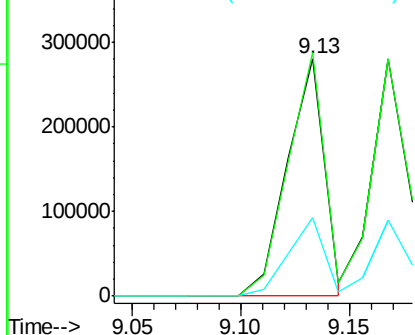


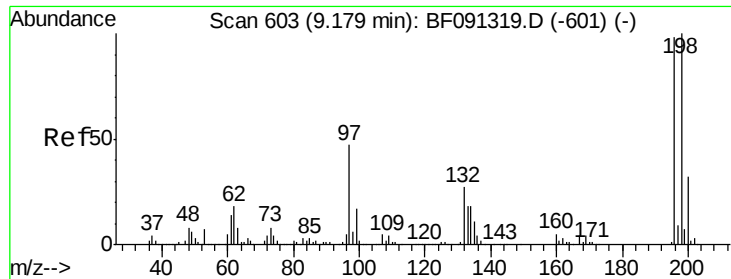
#42
 2,4,6-Trichlorophenol
 Concen: 52.99 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:196 Resp: 333958
 Ion Ratio Lower Upper
 196 100
 198 102.6 77.4 116.0
 200 33.2 25.2 37.8



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

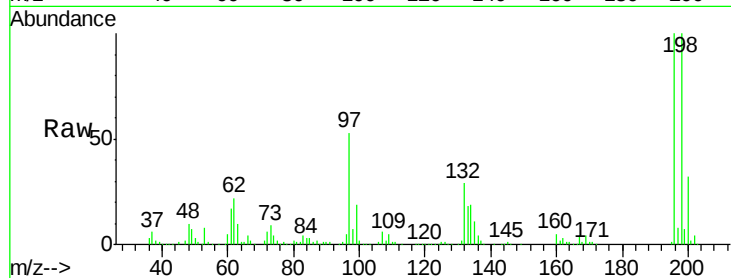




#43
 2,4,5-Trichlorophenol
 Concen: 50.60 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.8	77.0	115.6
97	53.5	33.5	50.3
132	28.8	20.5	30.7



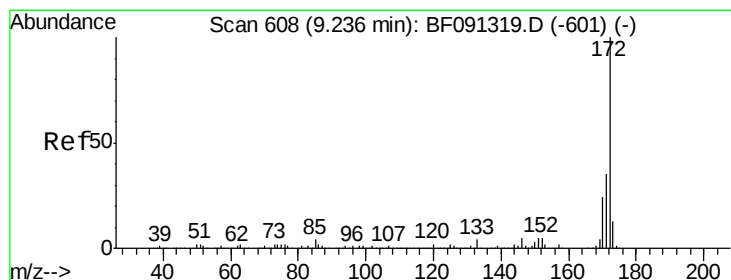
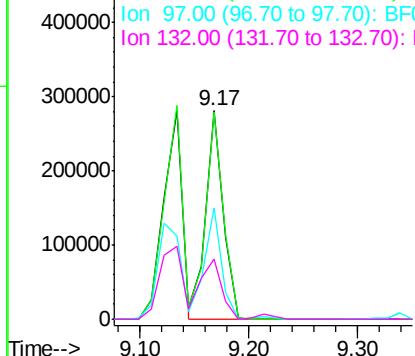
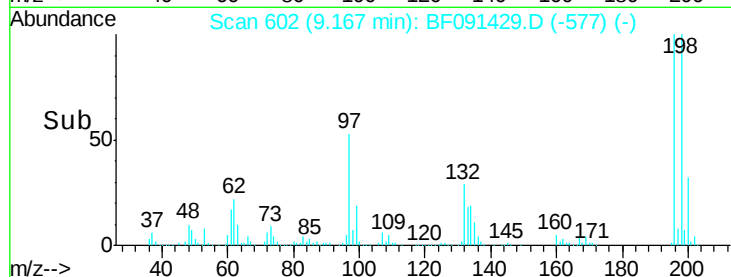
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

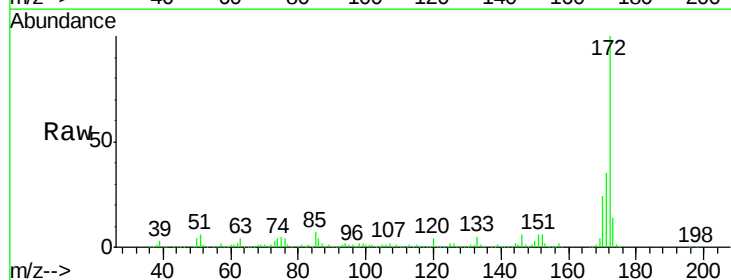
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.44 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	24.1	19.7	29.5

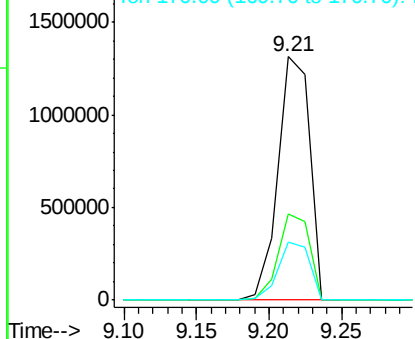
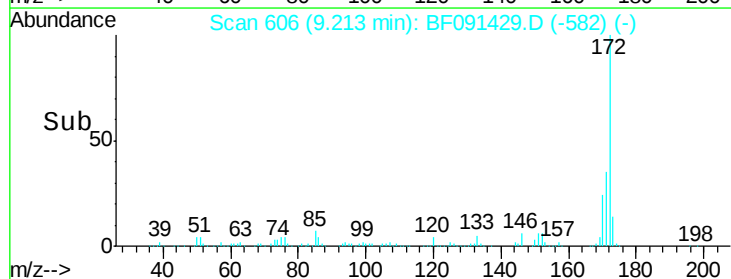


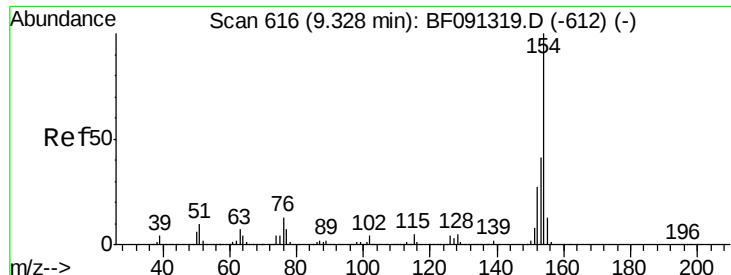
Abundance

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: 45.70 ng

RT: 9.32 min Scan# 615

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

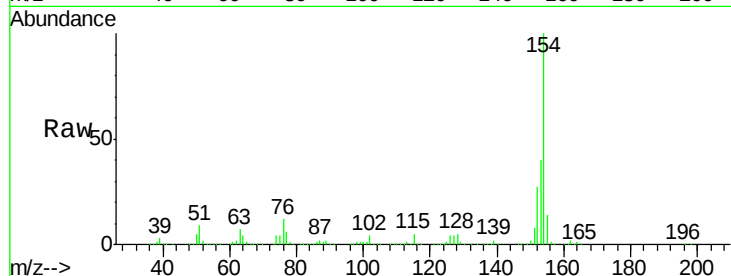
Tgt Ion:154 Resp: 1130490

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

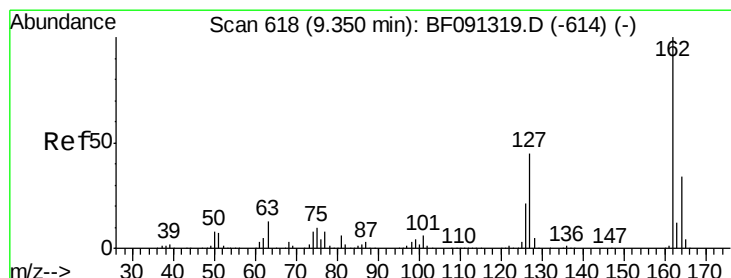
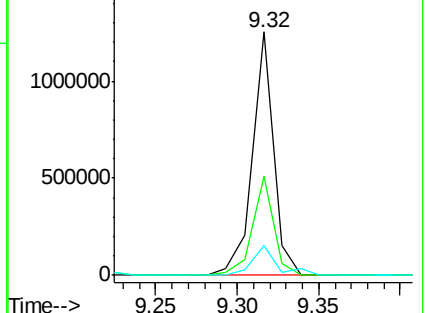
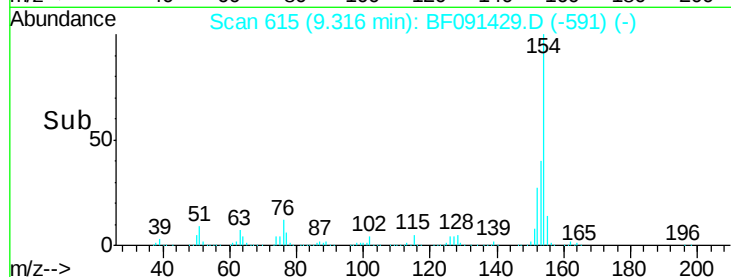
76 12.0 0.0 36.6



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: 45.18 ng

RT: 9.34 min Scan# 617

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

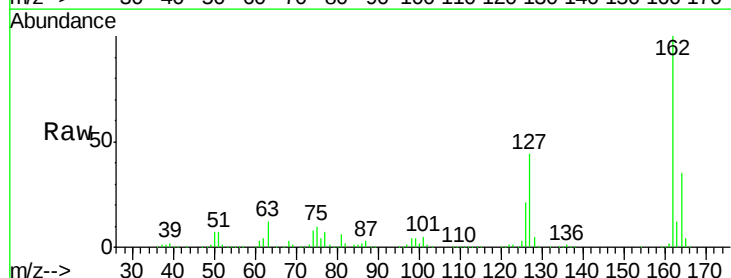
Tgt Ion:162 Resp: 832252

Ion Ratio Lower Upper

162 100

127 43.6 34.3 51.5

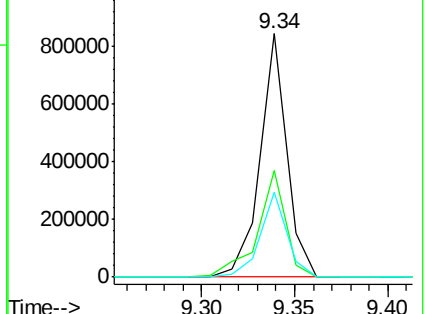
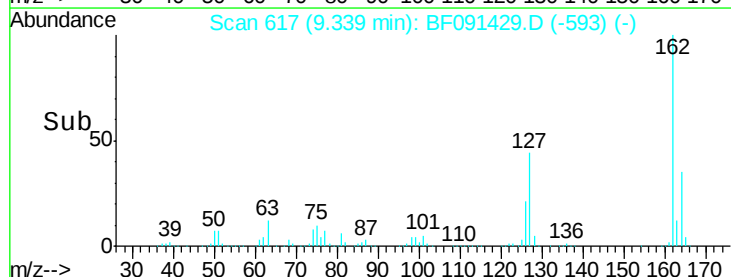
164 35.1 26.6 40.0

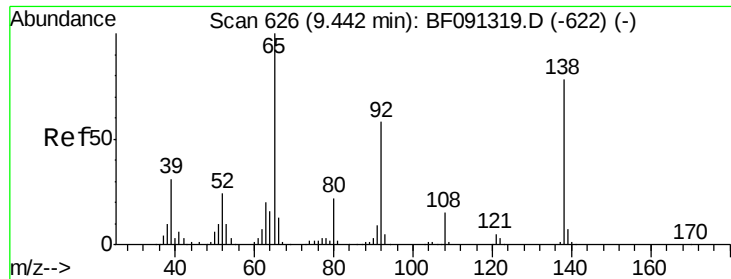


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

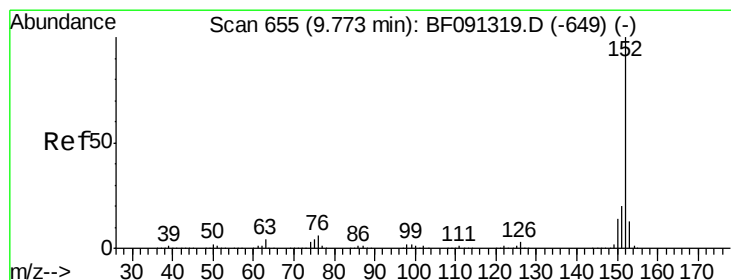
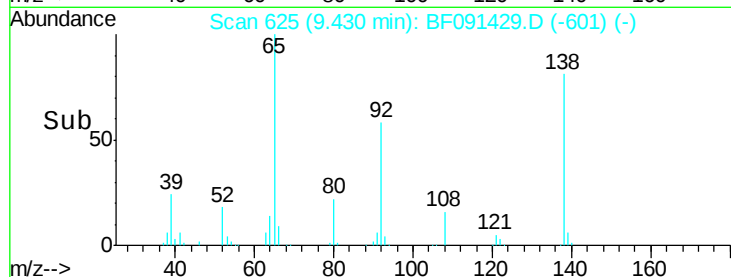
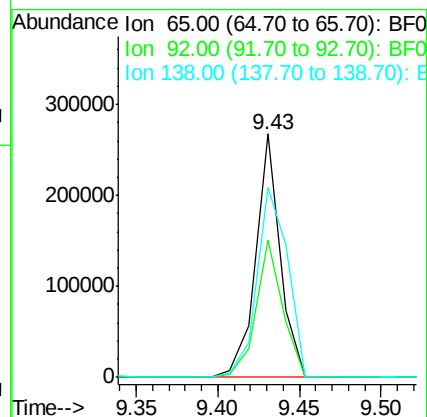
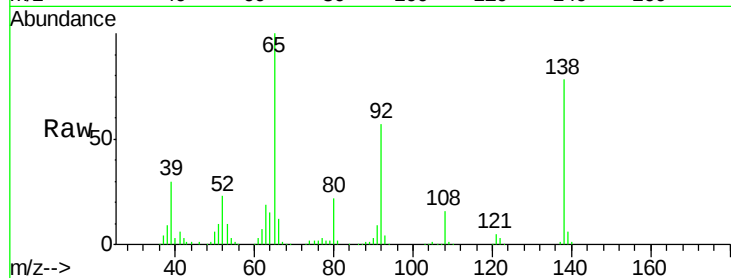




#47
2-Nitroaniline
Concen: 42.02 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

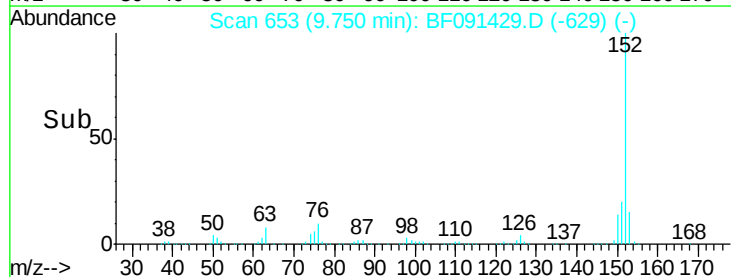
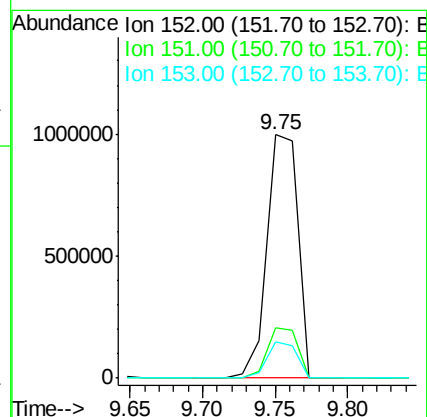
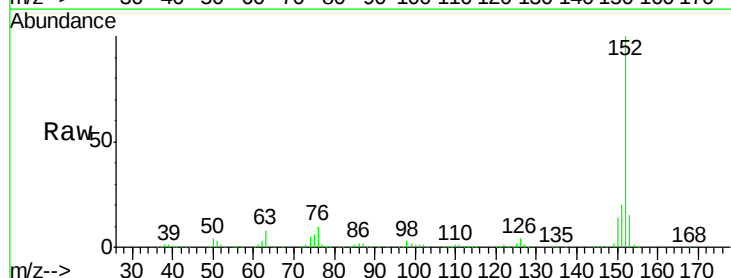
Instrument :
BNA_F
ClientSampleId :
MW-15MS

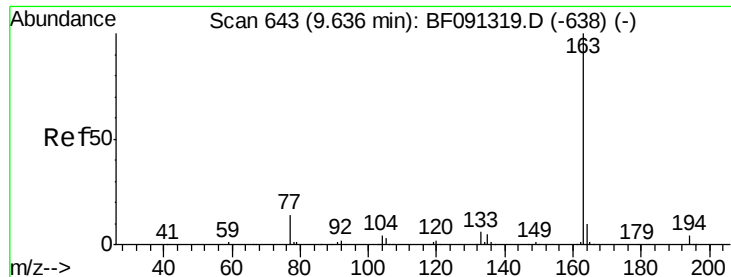
Tgt Ion: 65 Resp: 277985
Ion Ratio Lower Upper
65 100
92 56.6 53.6 80.4
138 78.2 91.0 136.6#



#48
Acenaphthylene
Concen: 50.74 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion: 152 Resp: 1471292
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 14.8 10.7 16.1

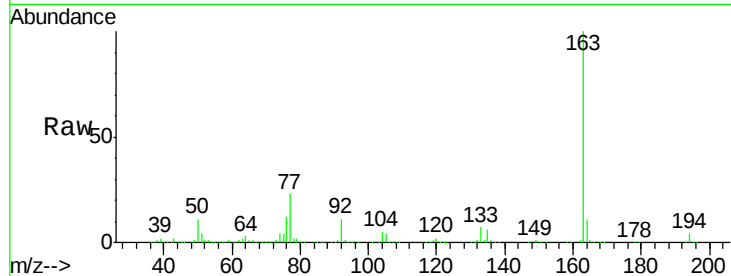




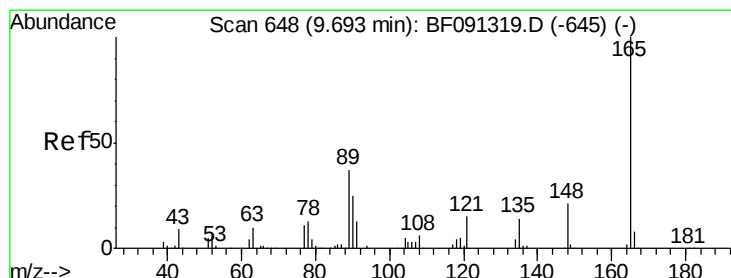
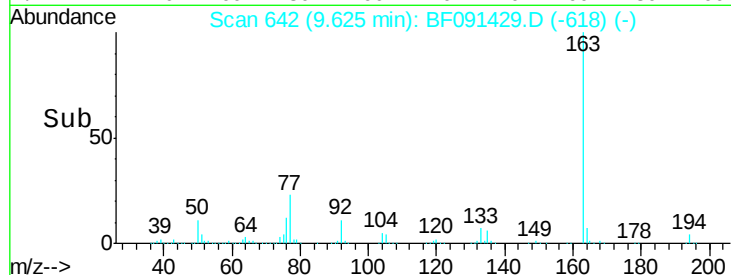
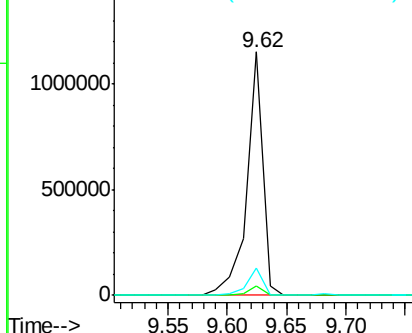
#49
Dimethylphthalate
Concen: 52.05 ng
RT: 9.62 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tgt Ion:163 Resp: 1084104
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 11.2 7.8 11.8

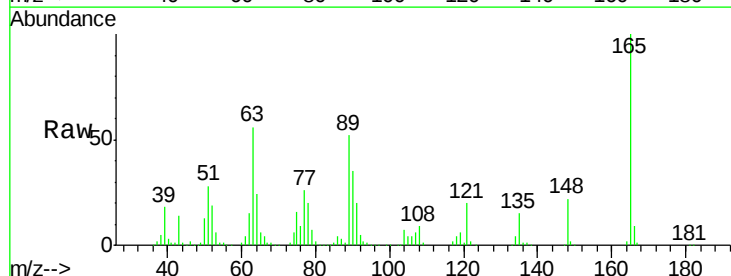


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

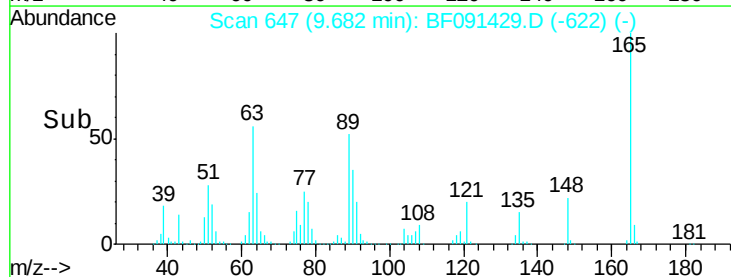
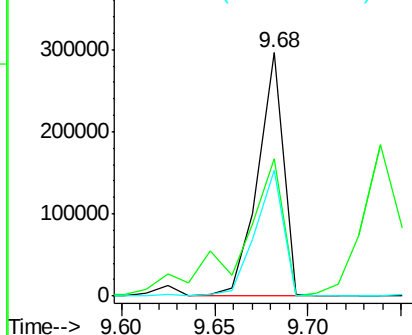


#50
2,6-Dinitrotoluene
Concen: 60.52 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion:165 Resp: 281755
Ion Ratio Lower Upper
165 100
63 56.3 59.4 89.0#
89 51.7 50.8 76.2



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: 57.16 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

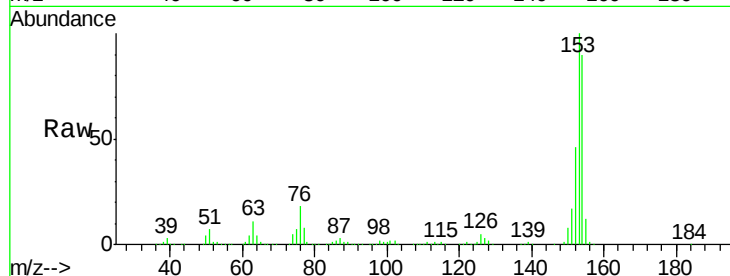
Tgt Ion:154 Resp: 1118052

Ion Ratio Lower Upper

154 100

153 111.0 91.0 136.6

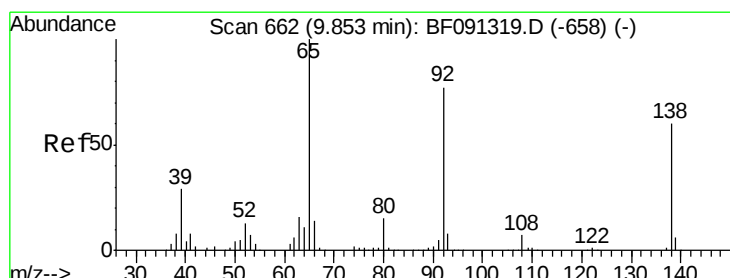
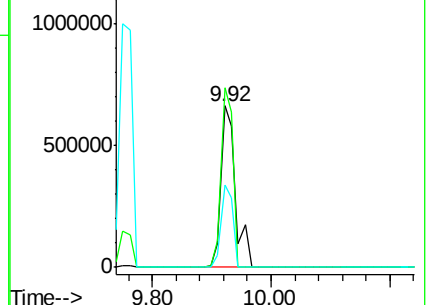
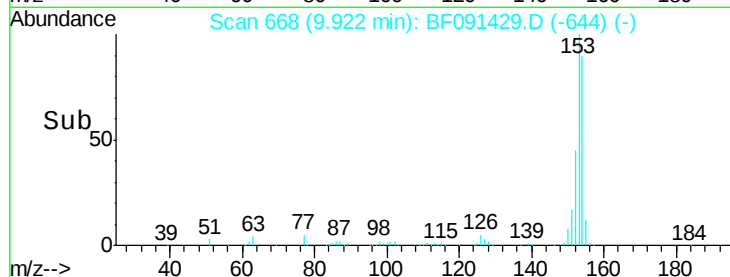
152 50.7 44.2 66.2



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: 12.61 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

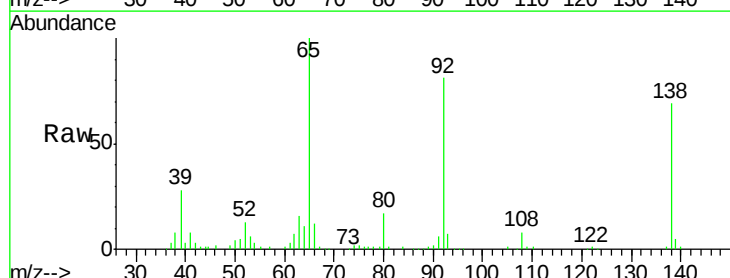
Tgt Ion:138 Resp: 67960

Ion Ratio Lower Upper

138 100

108 11.5 8.1 12.1

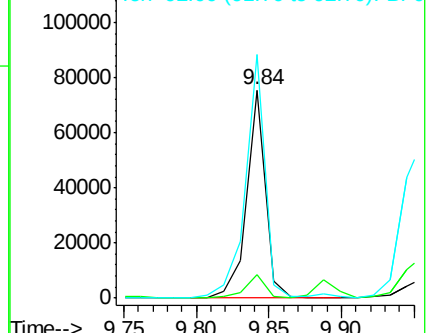
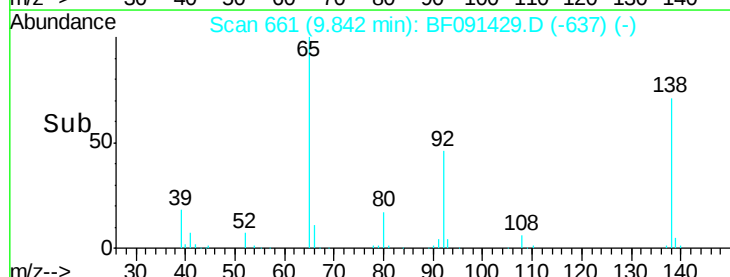
92 116.9 92.5 138.7

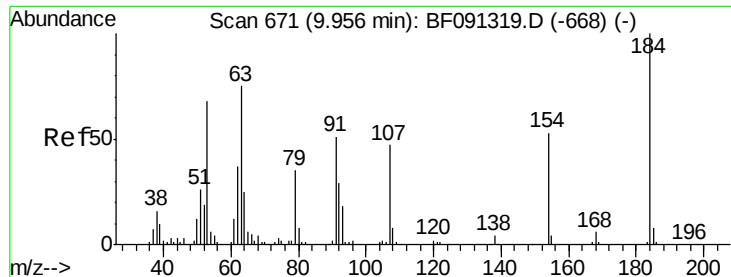


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

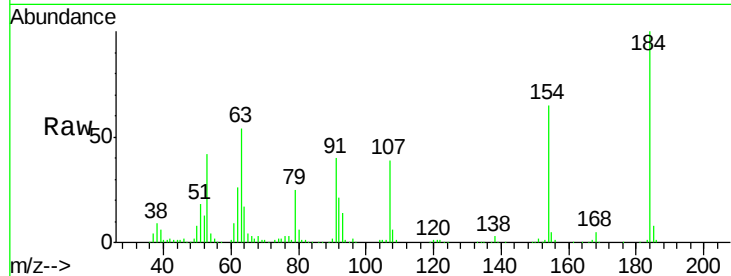




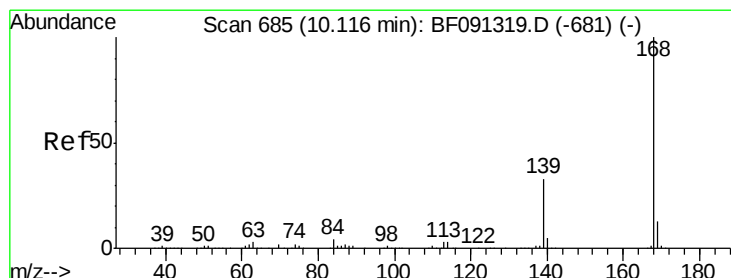
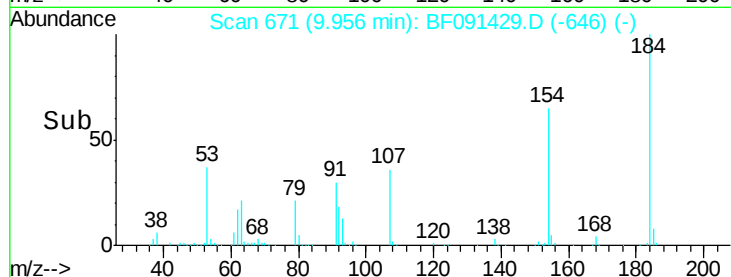
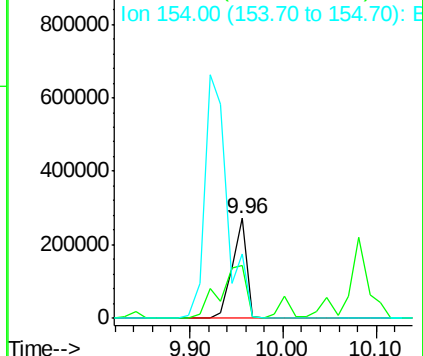
#53
 2,4-Dinitrophenol
 Concen: 145.86 ng
 RT: 9.96 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tgt Ion:184 Resp: 296942
 Ion Ratio Lower Upper
 184 100
 63 53.6 58.3 87.5#
 154 65.0 48.6 73.0

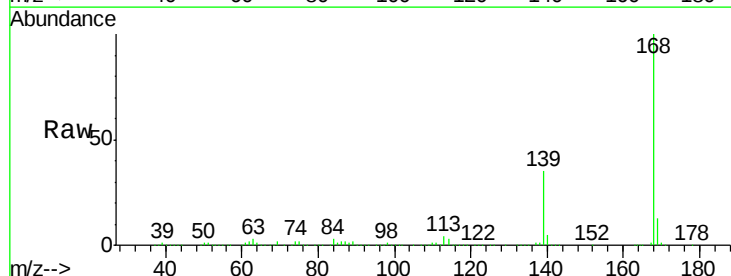


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

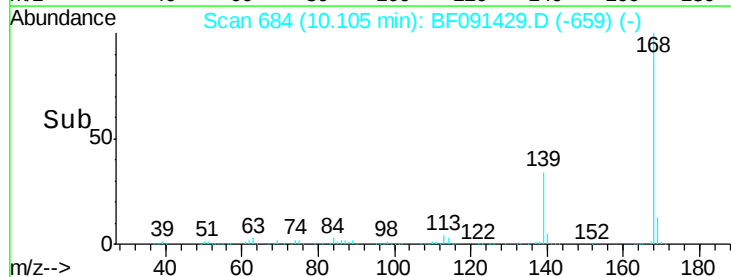
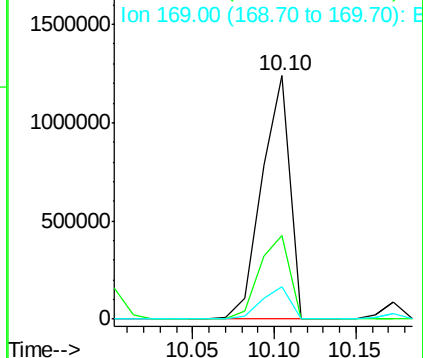


#54
 Dibenzofuran
 Concen: 56.01 ng
 RT: 10.10 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:168 Resp: 1466683
 Ion Ratio Lower Upper
 168 100
 139 34.5 33.4 50.2
 169 13.2 11.1 16.7



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

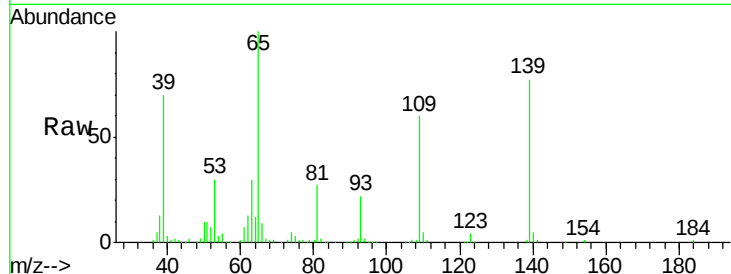




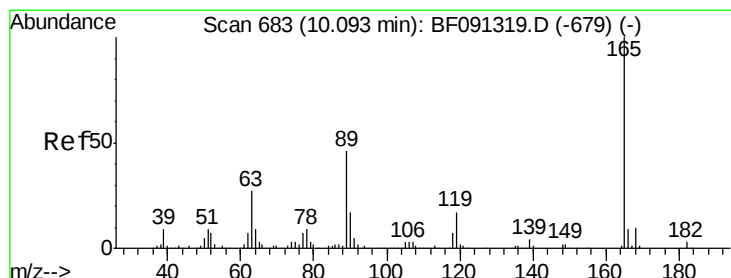
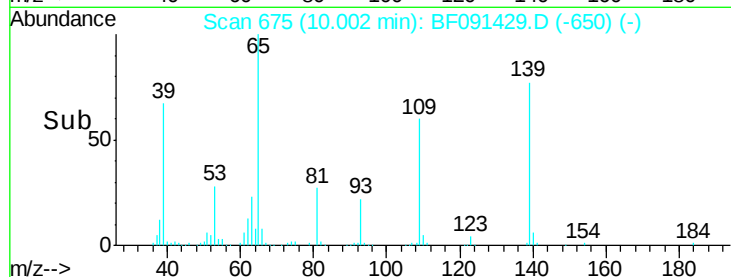
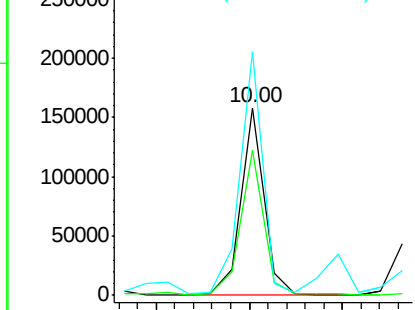
#55
4-Nitrophenol
Concen: 35.79 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tgt Ion:139 Resp: 139281
Ion Ratio Lower Upper
139 100
109 77.5 54.9 94.9
65 130.0 102.2 142.2

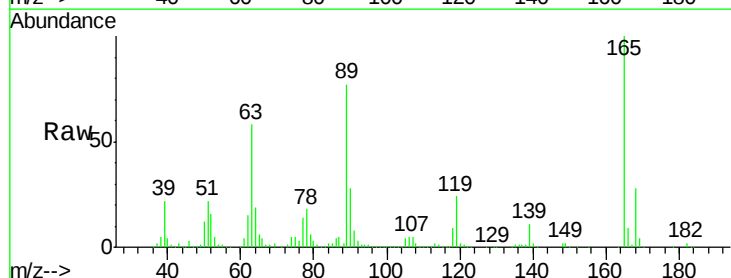


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

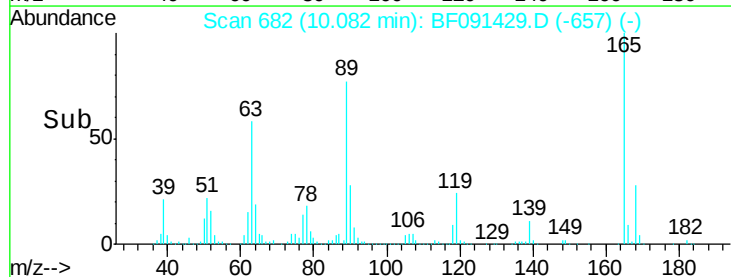
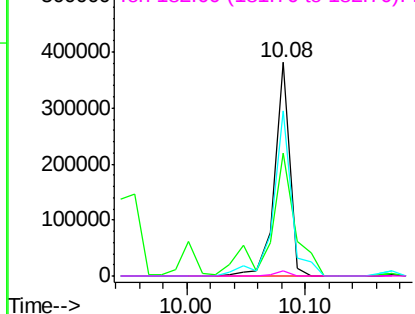


#56
2,4-Dinitrotoluene
Concen: 55.62 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion:165 Resp: 335864
Ion Ratio Lower Upper
165 100
63 57.8 29.0 43.4#
89 77.4 43.1 64.7#
182 2.4 1.9 2.9



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

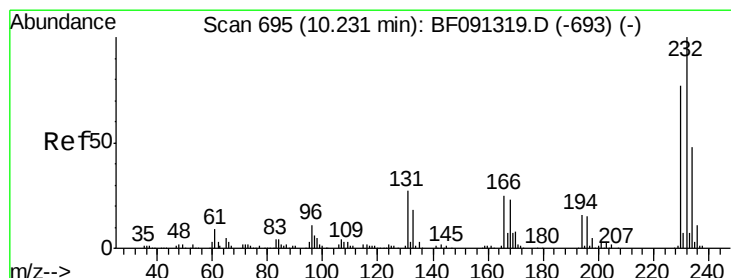
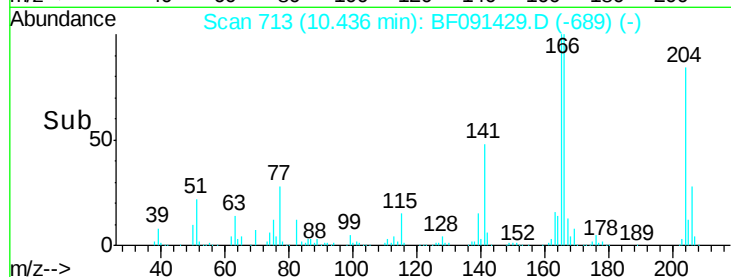
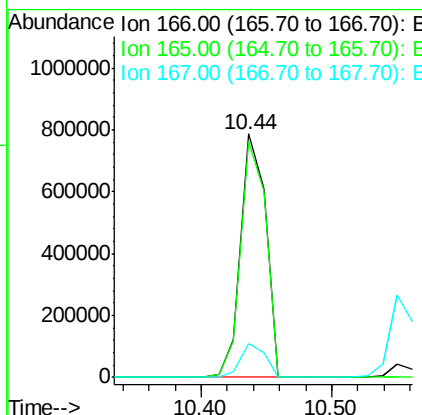
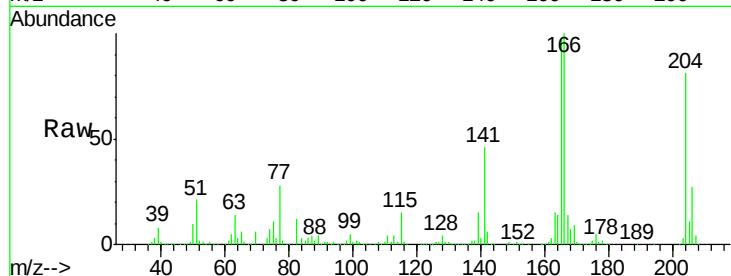




#57
Fluorene
 Concen: 52.19 ng
 RT: 10.44 min Scan# 713
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

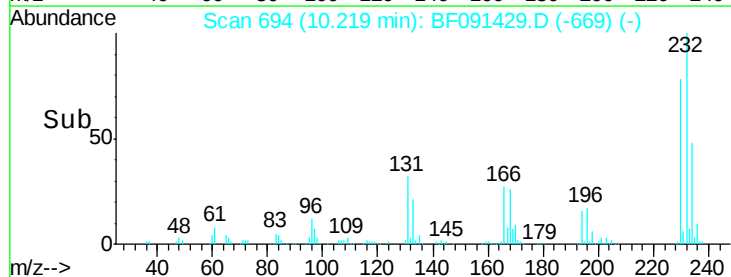
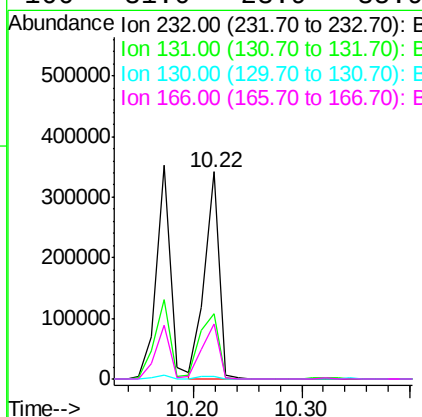
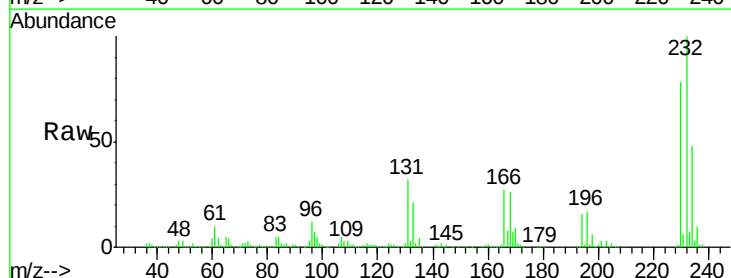
Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

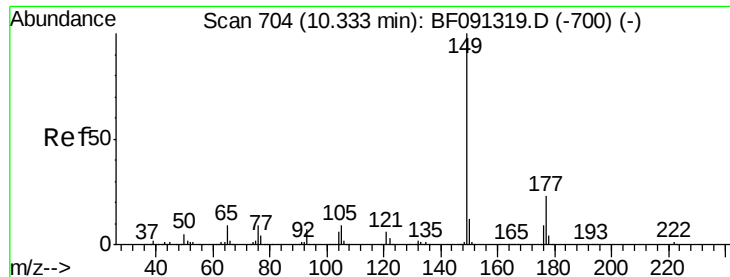
Tgt Ion:166 Resp: 1049381
 Ion Ratio Lower Upper
 166 100
 165 96.9 80.0 120.0
 167 13.9 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 59.79 ng
 RT: 10.22 min Scan# 694
 Delta R.T. -0.02 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:232 Resp: 322490
 Ion Ratio Lower Upper
 232 100
 131 40.9 38.4 57.6
 130 1.9 1.8 2.8
 166 31.0 23.9 35.9

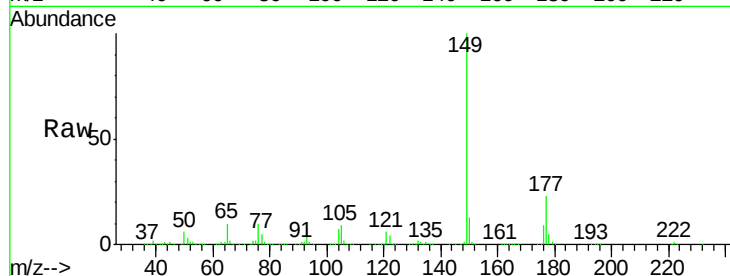




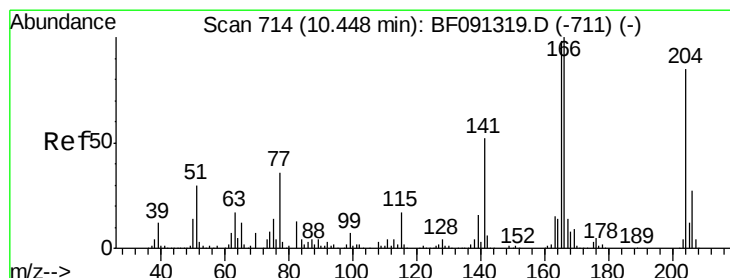
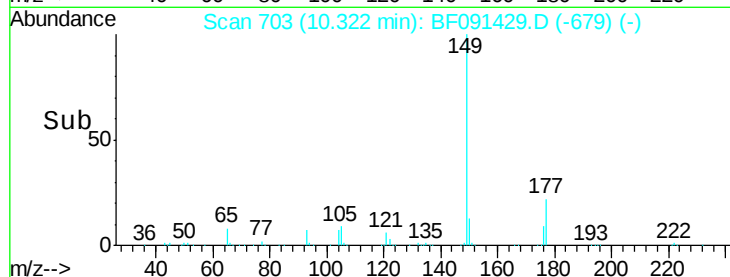
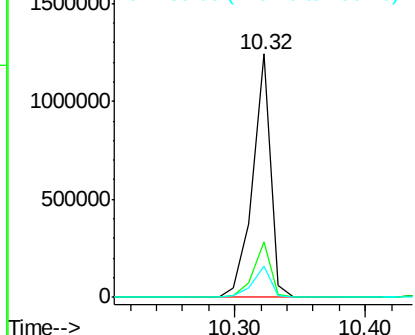
#59
Diethylphthalate
Concen: 57.68 ng
RT: 10.32 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tgt Ion:149 Resp: 1185923
Ion Ratio Lower Upper
149 100
177 22.5 15.7 23.5
150 12.7 10.2 15.2

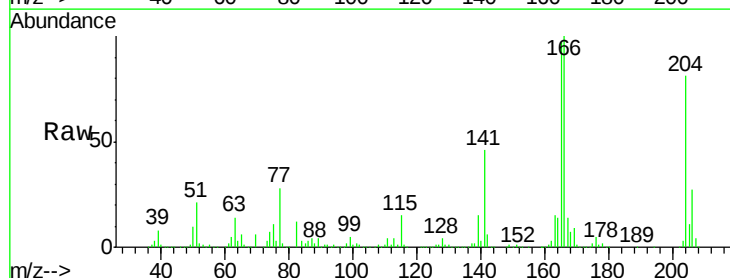


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

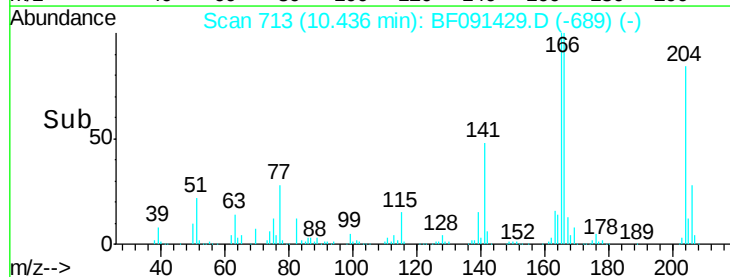
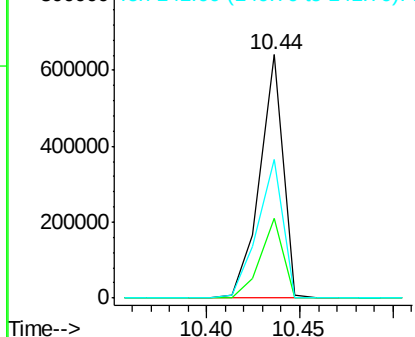


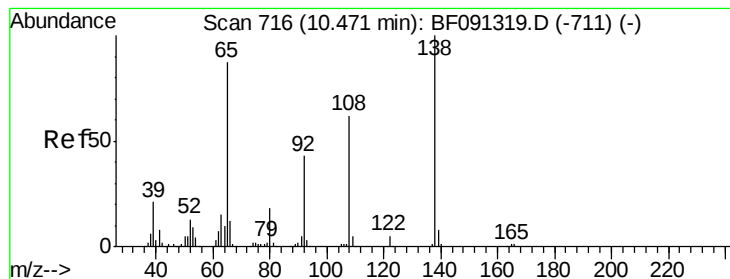
#60
4-Chlorophenyl-phenylether
Concen: 55.86 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion:204 Resp: 563286
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 57.1 40.6 61.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.98 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

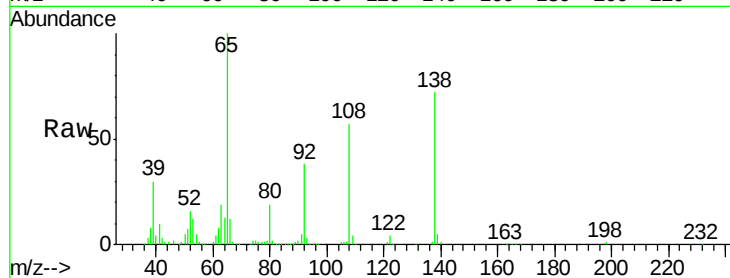
Tgt Ion:138 Resp: 207333

Ion Ratio Lower Upper

138 100

92 53.3 26.9 66.9

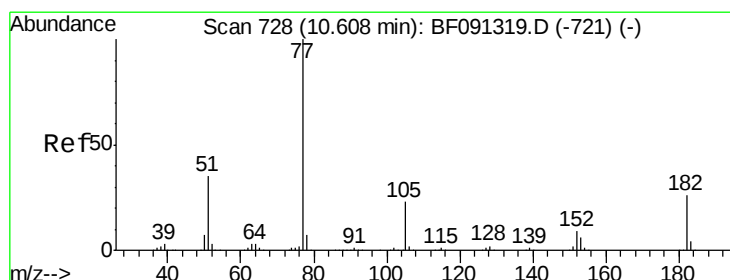
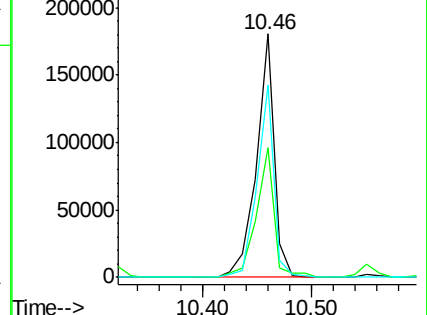
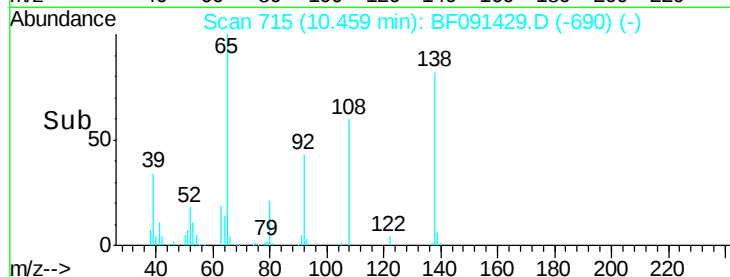
108 79.3 49.1 89.1



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: 61.92 ng

RT: 10.60 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Tgt Ion: 77 Resp: 1299090

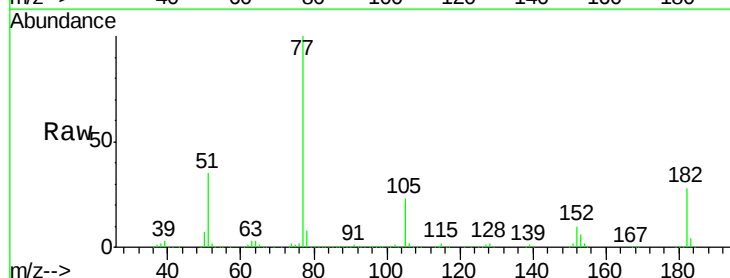
Ion Ratio Lower Upper

77 100

182 28.0 12.5 52.5

105 23.3 3.7 43.7

51 34.7 11.9 51.9

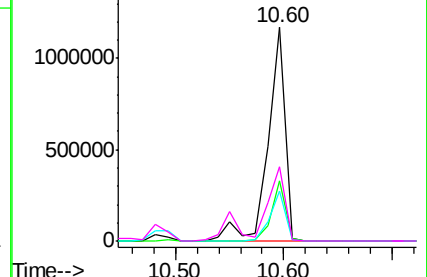
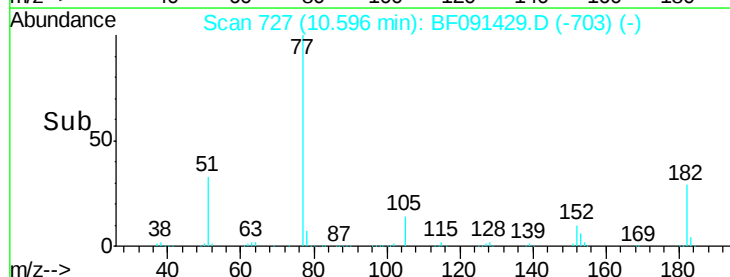


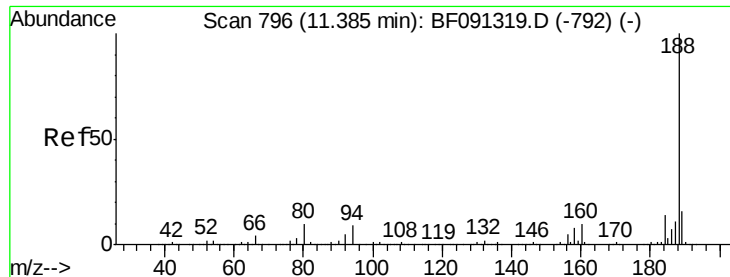
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

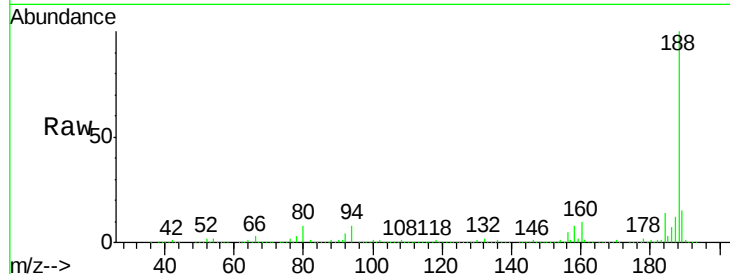




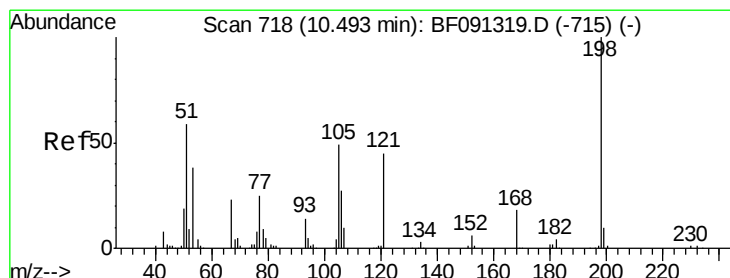
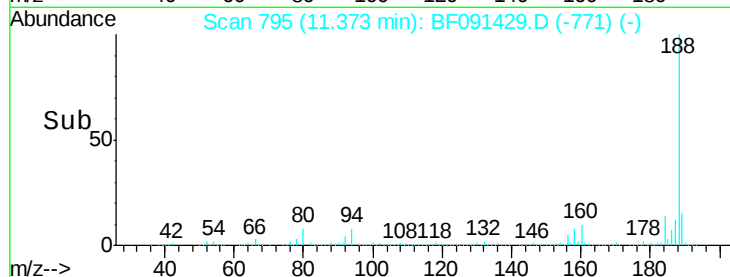
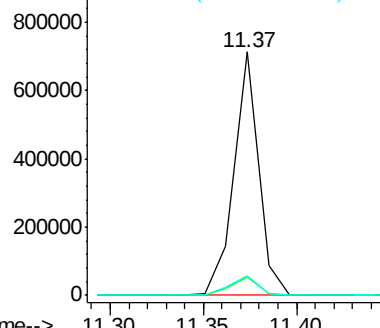
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tgt Ion:188 Resp: 654425
Ion Ratio Lower Upper
188 100
94 7.7 9.2 13.8#
80 8.2 10.5 15.7#

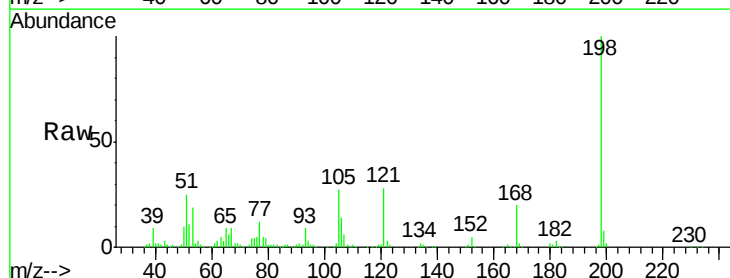


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

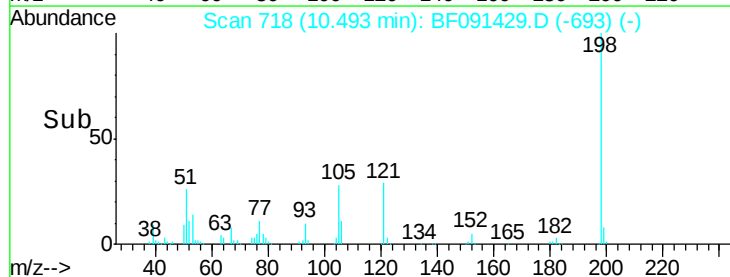
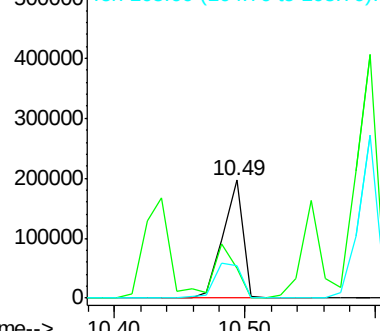


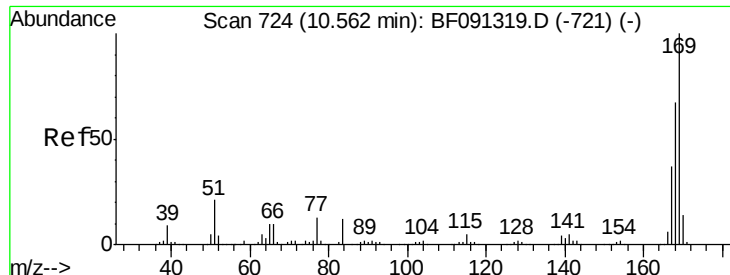
#64
4,6-Dinitro-2-methylphenol
Concen: 58.49 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion:198 Resp: 210895
Ion Ratio Lower Upper
198 100
51 25.2 77.1 117.1#
105 27.2 44.8 84.8#



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

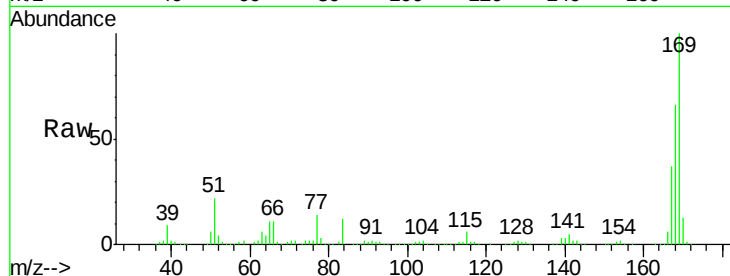




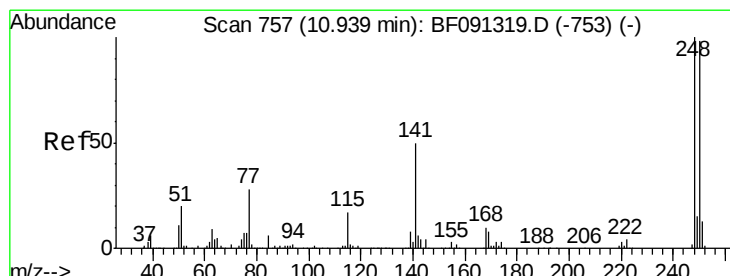
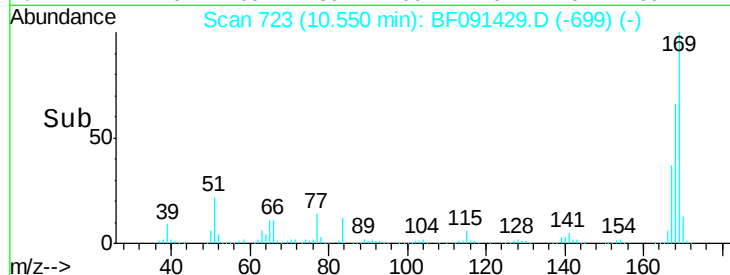
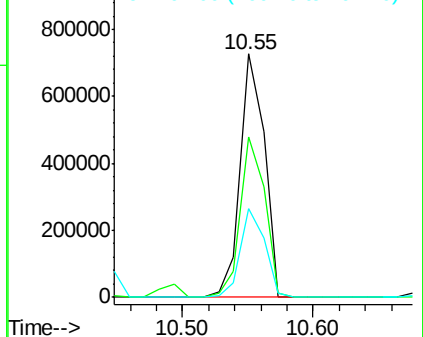
#65
 n-Nitrosodiphenylamine
 Concen: 47.16 ng
 RT: 10.55 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tgt Ion:169 Resp: 935651
 Ion Ratio Lower Upper
 169 100
 168 65.7 53.8 80.8
 167 36.5 29.8 44.8

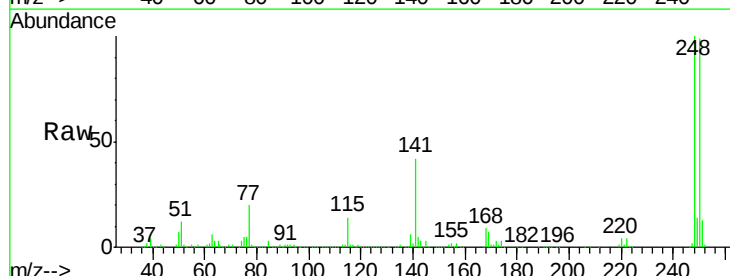


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

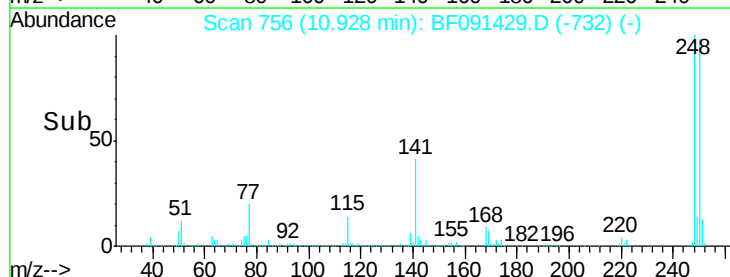
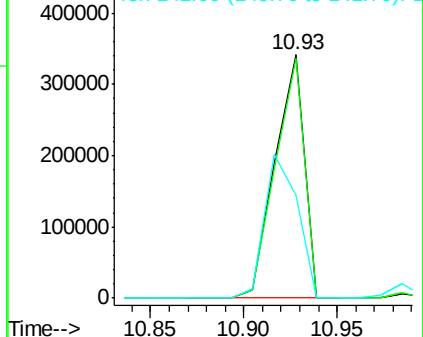


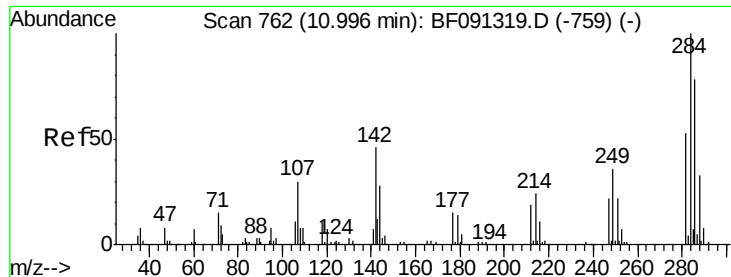
#66
 4-Bromophenyl-phenylether
 Concen: 53.10 ng
 RT: 10.93 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:248 Resp: 373500
 Ion Ratio Lower Upper
 248 100
 250 98.6 78.2 117.4
 141 42.3 71.9 107.9#



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

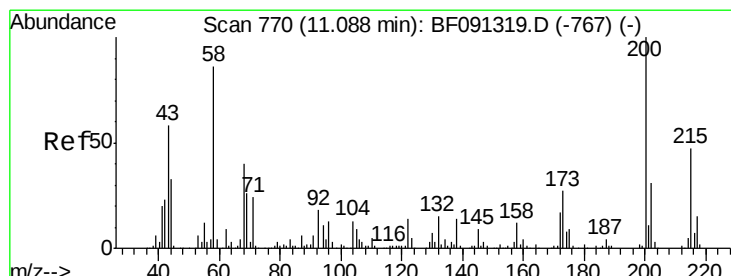
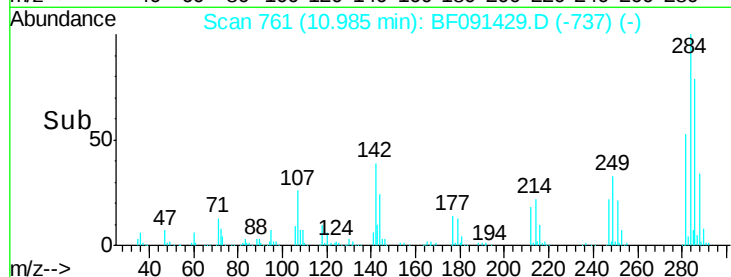
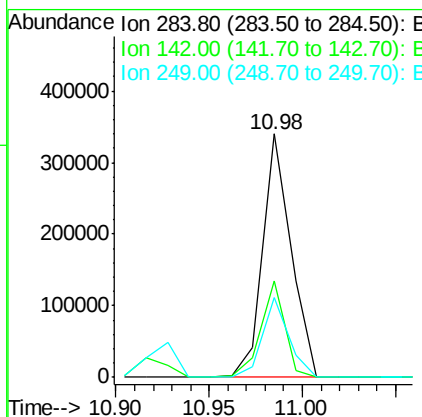
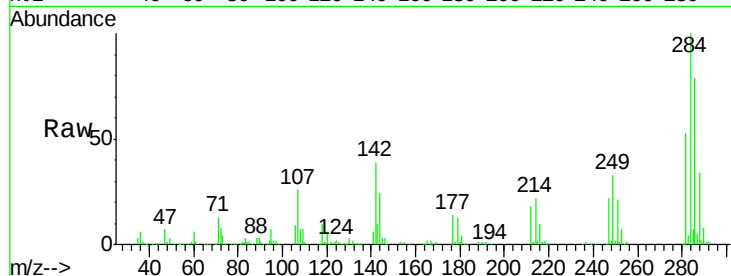




#67
Hexachlorobenzene
Concen: 46.87 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

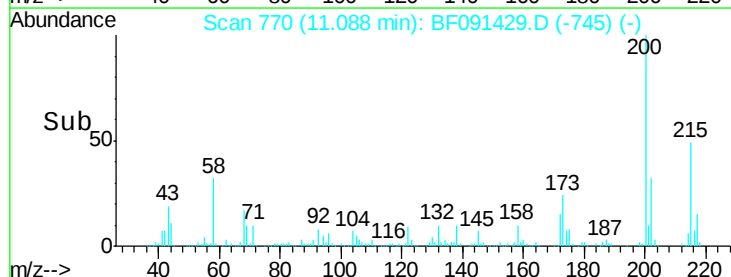
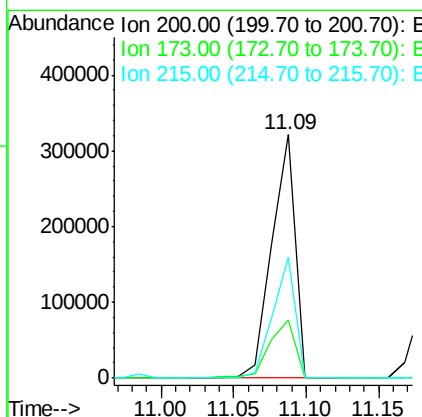
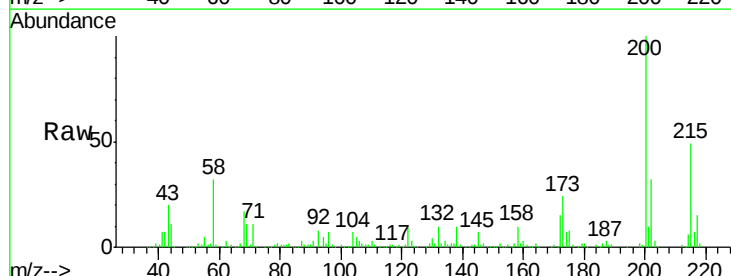
Instrument :
BNA_F
ClientSampleId :
MW-15MS

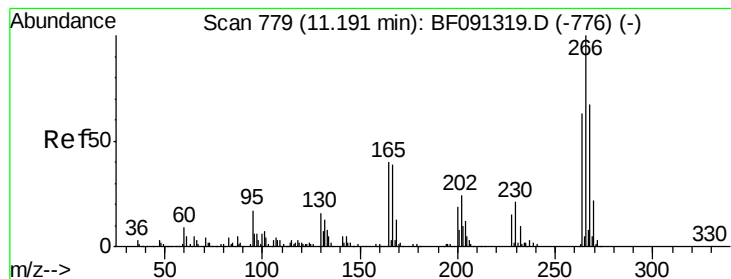
Tgt Ion:284 Resp: 356284
Ion Ratio Lower Upper
284 100
142 39.4 17.9 26.9#
249 32.7 23.6 35.4



#68
Atrazine
Concen: 55.56 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion:200 Resp: 357043
Ion Ratio Lower Upper
200 100
173 24.1 7.8 47.8
215 49.4 24.3 64.3





#69

Pentachlorophenol

Concen: 90.81 ng

RT: 11.18 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

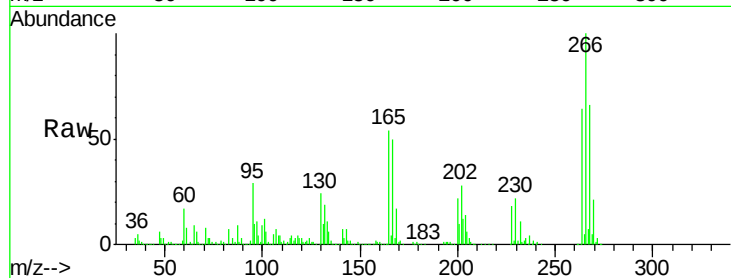
Tgt Ion:266 Resp: 406356

Ion Ratio Lower Upper

266 100

268 66.3 50.3 75.5

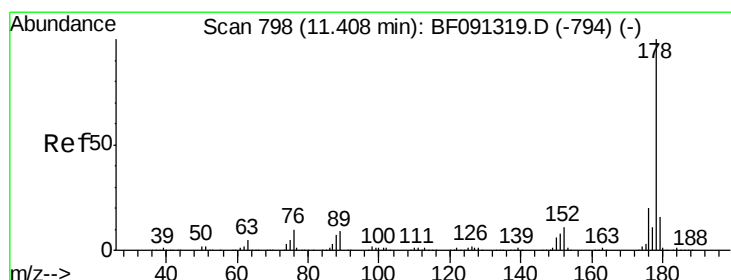
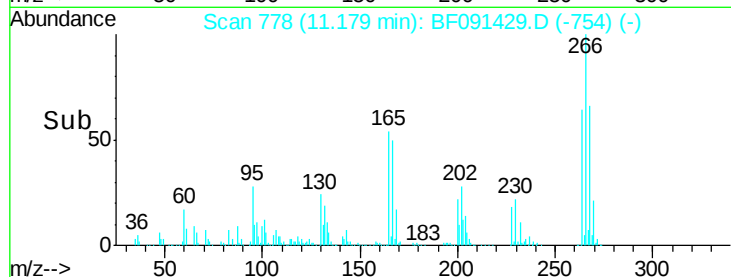
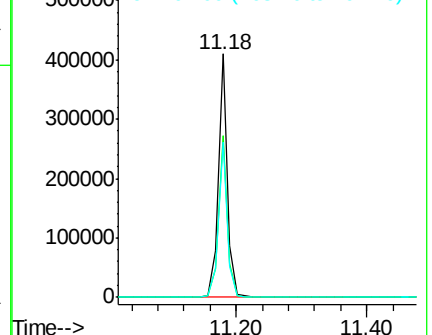
264 63.6 48.2 72.2



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: 45.94 ng

RT: 11.40 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

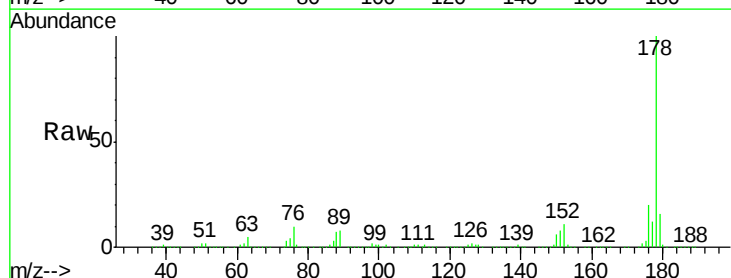
Tgt Ion:178 Resp: 1562232

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

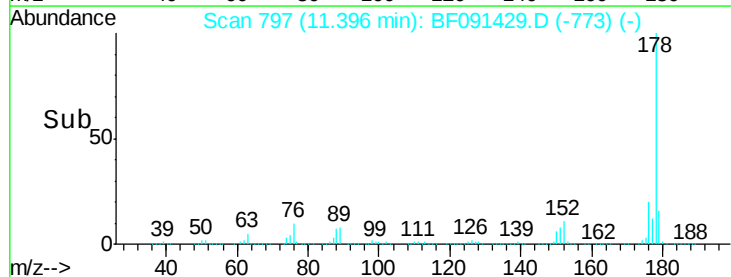
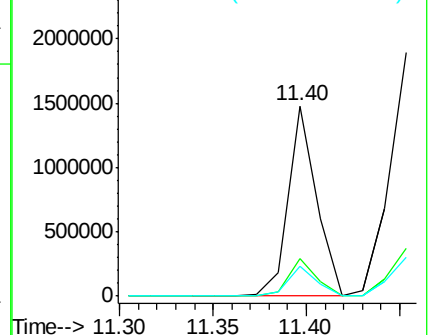
179 16.0 12.6 18.8

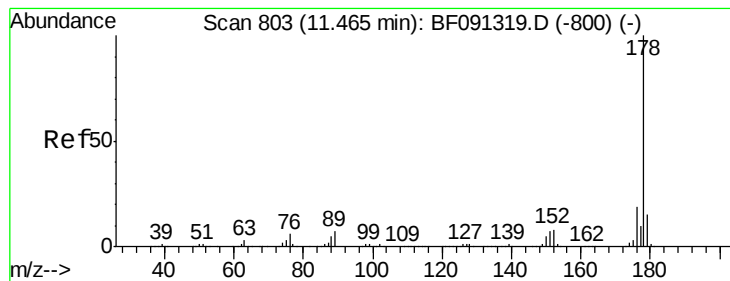


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 54.02 ng

RT: 11.45 min Scan# 802

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

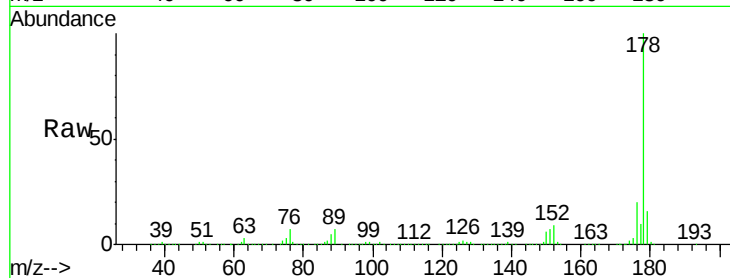
Tgt Ion:178 Resp: 1823074

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

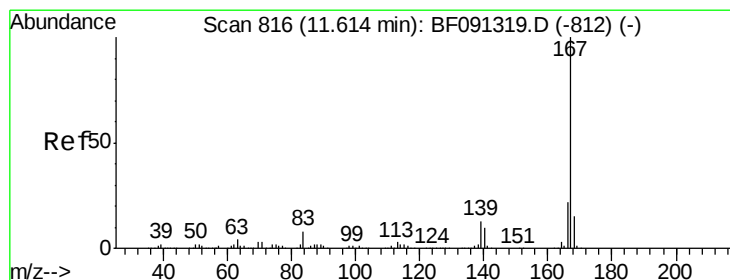
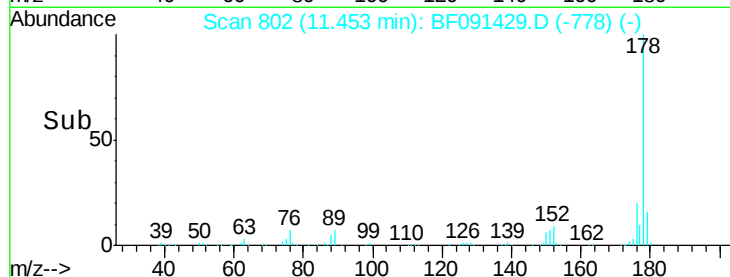
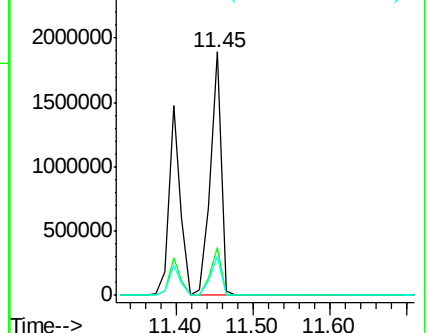
179 15.7 12.7 19.1



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



#72

Carbazole

Concen: 44.27 ng

RT: 11.60 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

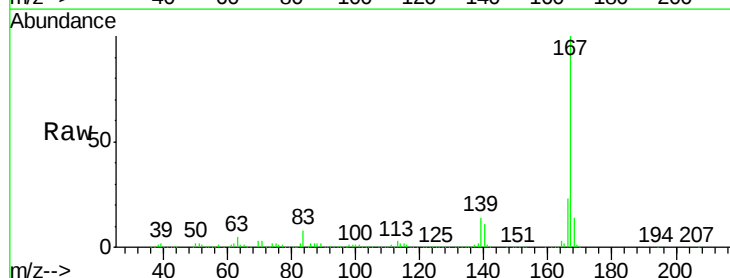
Tgt Ion:167 Resp: 1355622

Ion Ratio Lower Upper

167 100

166 22.6 18.1 27.1

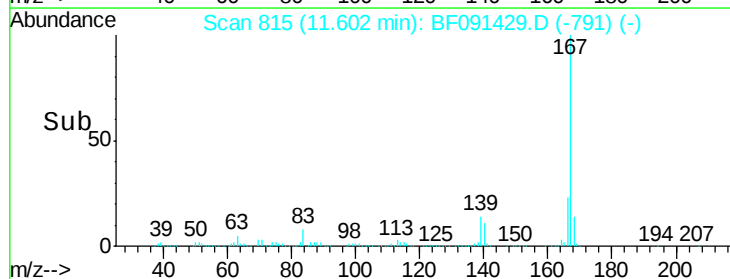
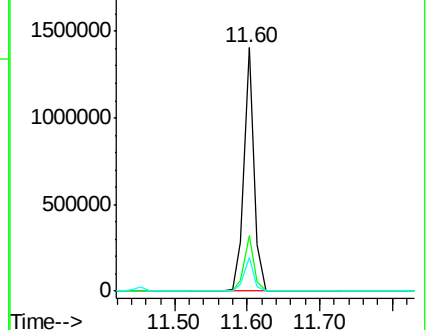
139 13.9 11.5 17.3

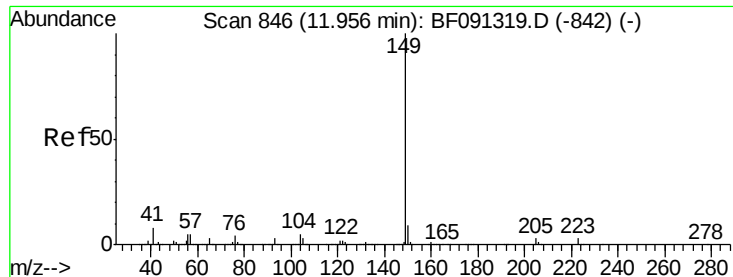


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 56.53 ng

RT: 11.94 min Scan# 845

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

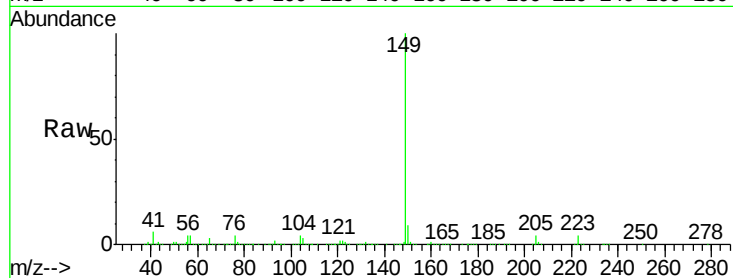
Tgt Ion:149 Resp: 1961996

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

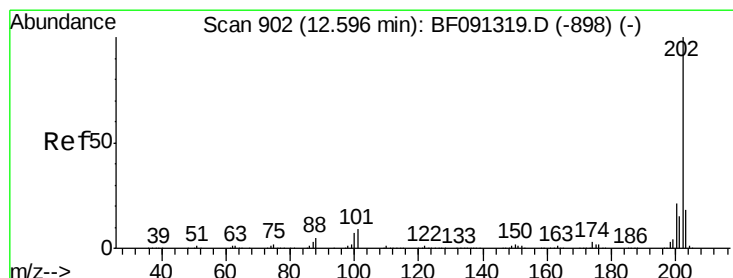
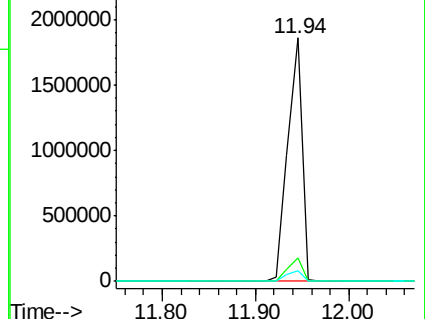
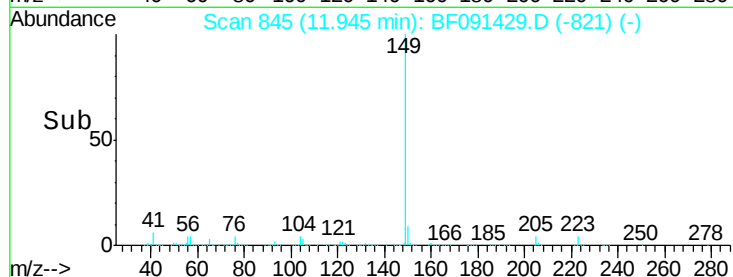
104 4.4 4.0 6.0



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: 51.25 ng

RT: 12.58 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

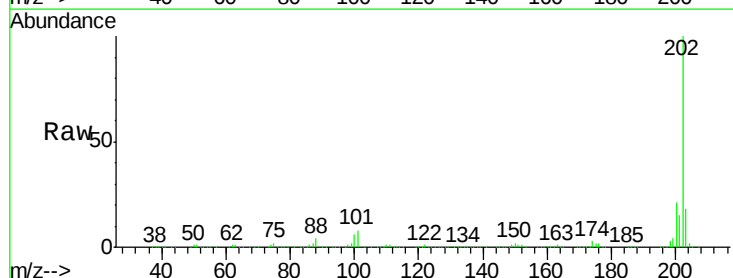
Tgt Ion:202 Resp: 1650934

Ion Ratio Lower Upper

202 100

101 8.1 0.0 29.5

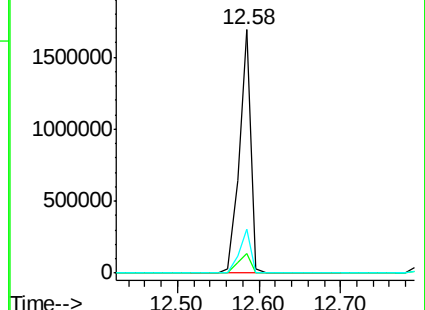
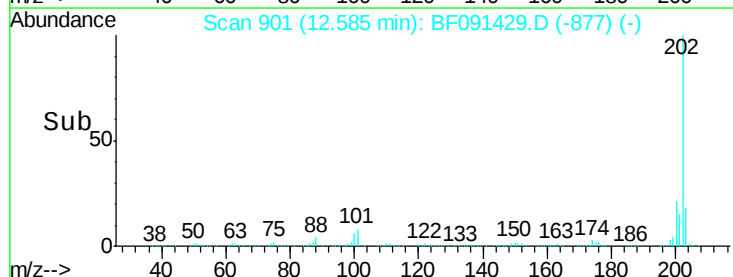
203 17.8 0.0 37.8

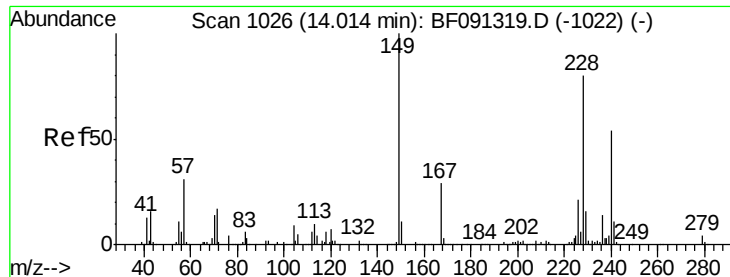


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1025

Delta R.T. -0.04 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

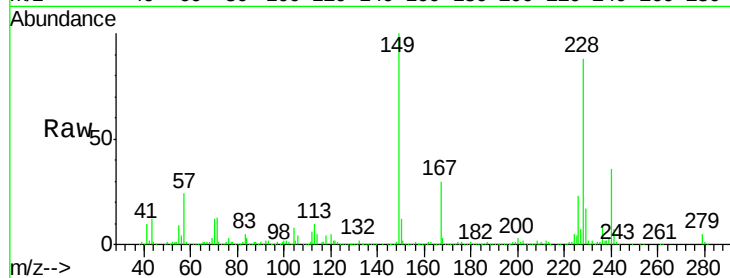
Tgt Ion:240 Resp: 326511

Ion Ratio Lower Upper

240 100

120 13.7 12.1 18.1

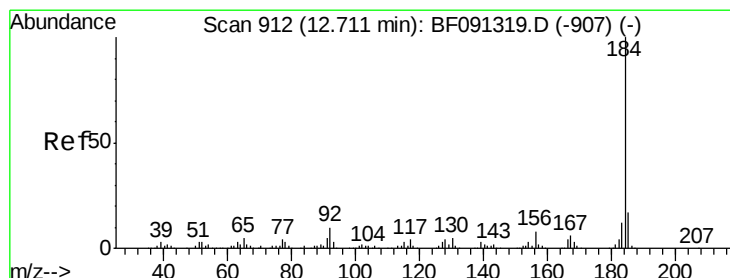
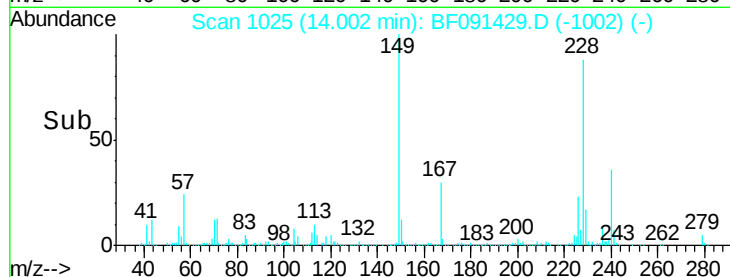
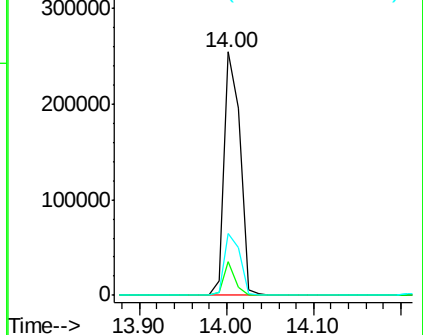
236 25.3 21.0 31.6



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: 30.26 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

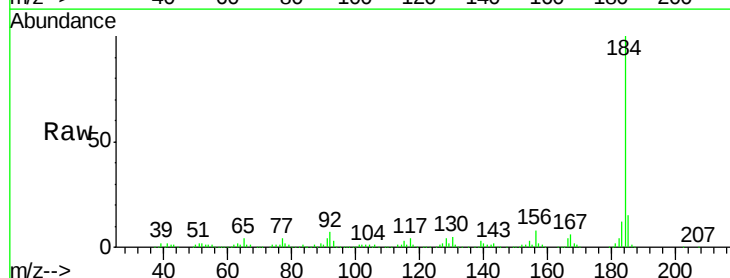
Tgt Ion:184 Resp: 290033

Ion Ratio Lower Upper

184 100

185 15.3 13.1 19.7

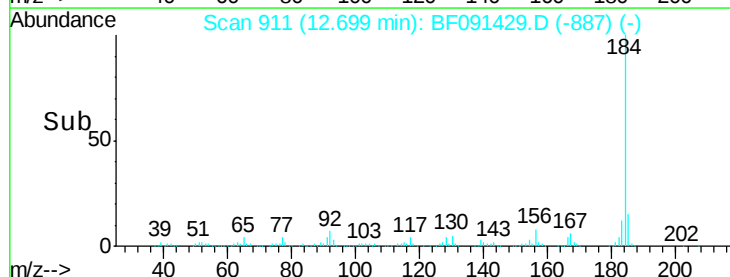
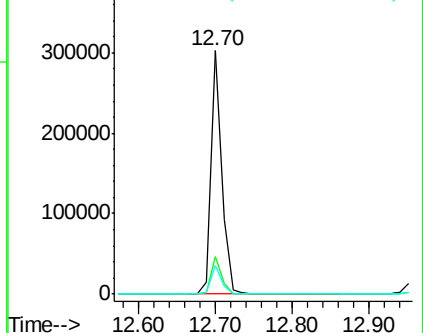
183 11.7 8.9 13.3

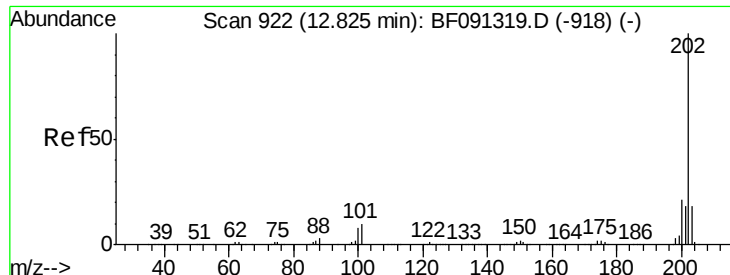


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

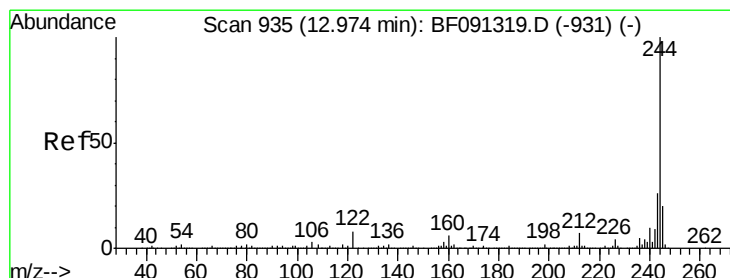
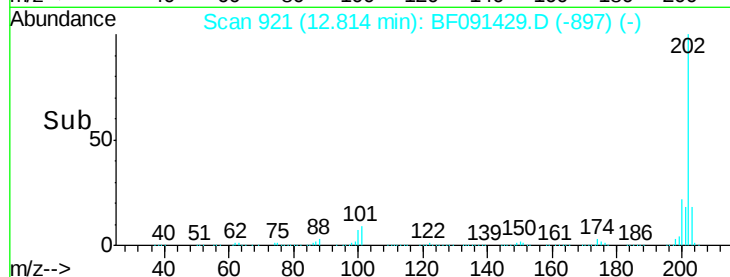
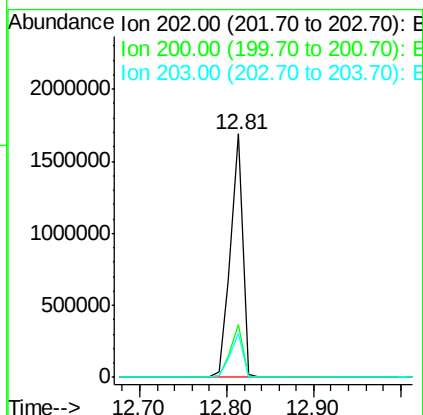
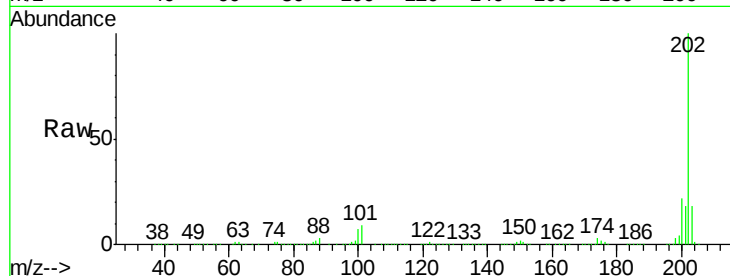




#77
 Pyrene
 Concen: 67.17 ng
 RT: 12.81 min Scan# 921
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

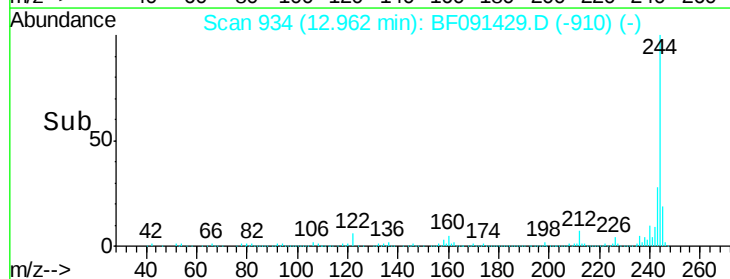
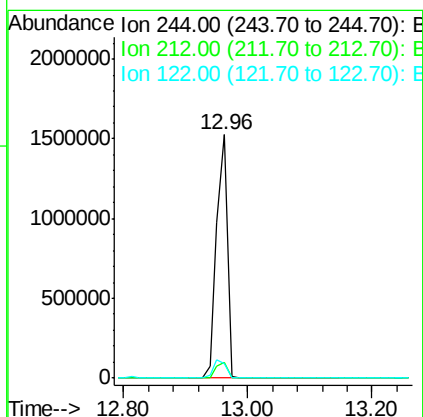
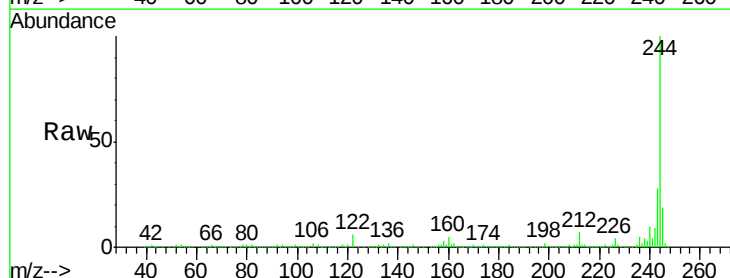
Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

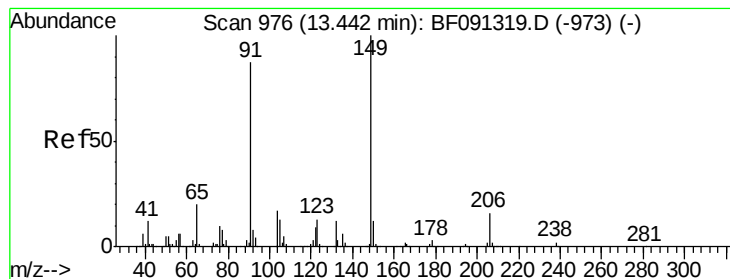
Tgt Ion:202 Resp: 1664288
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.6 26.4
 203 18.1 14.0 21.0



#78
 Terphenyl-d14
 Concen: 118.81 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:244 Resp: 1784741
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.5 9.7
 122 5.9 9.5 14.3#





#79

Butylbenzylphthalate

Concen: 59.20 ng

RT: 13.43 min Scan# 975

Delta R.T. -0.04 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

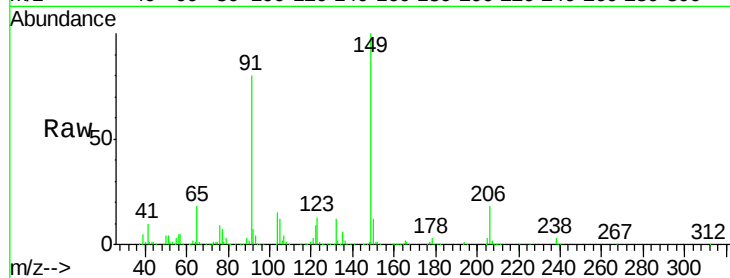
Tgt Ion:149 Resp: 549326

Ion Ratio Lower Upper

149 100

91 79.6 57.4 86.2

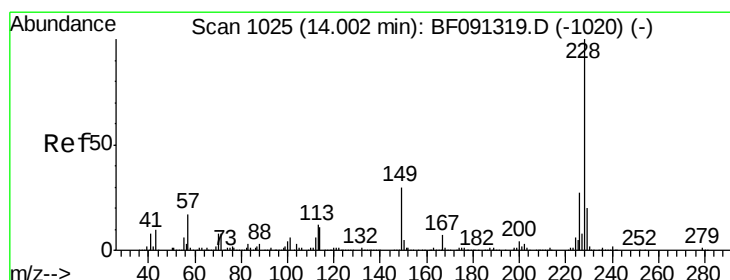
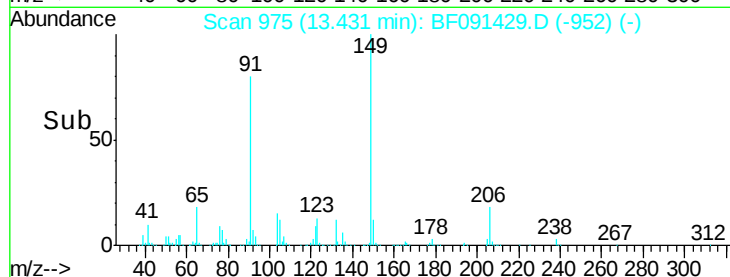
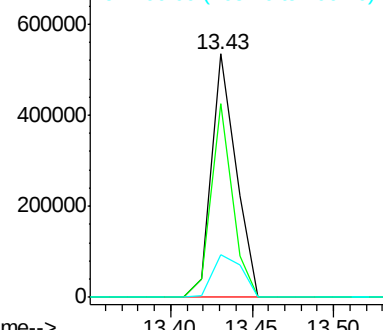
206 17.6 15.4 23.2



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: 57.66 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

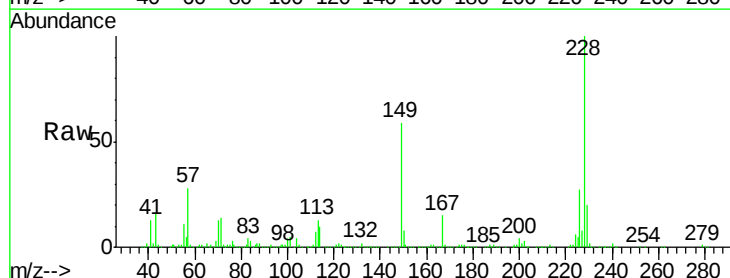
Tgt Ion:228 Resp: 1100971

Ion Ratio Lower Upper

228 100

226 27.1 22.5 33.7

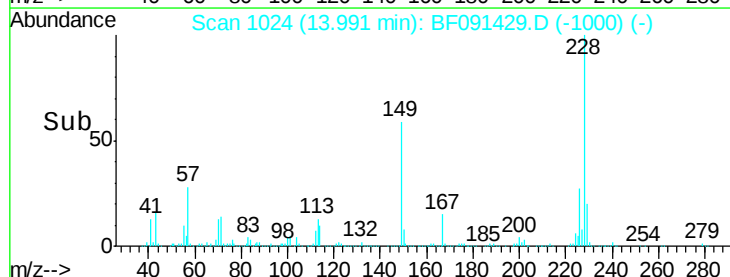
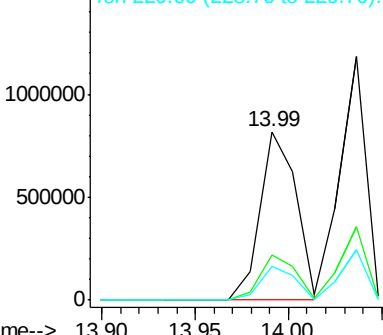
229 19.8 16.4 24.6

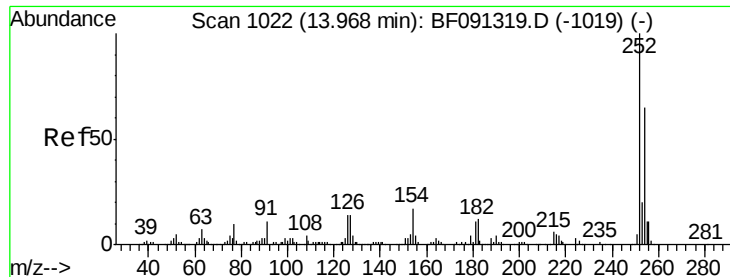


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

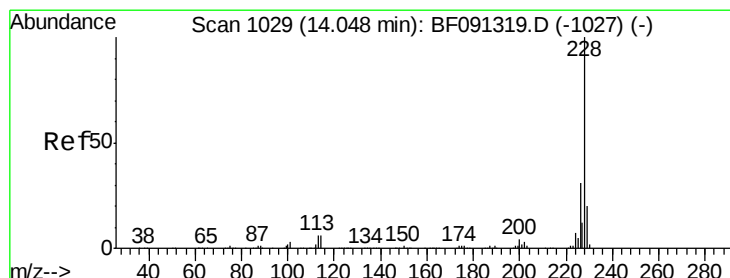
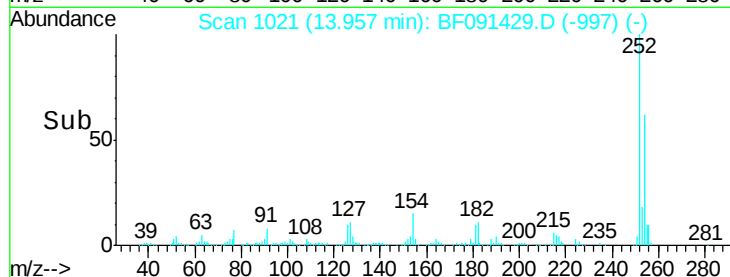
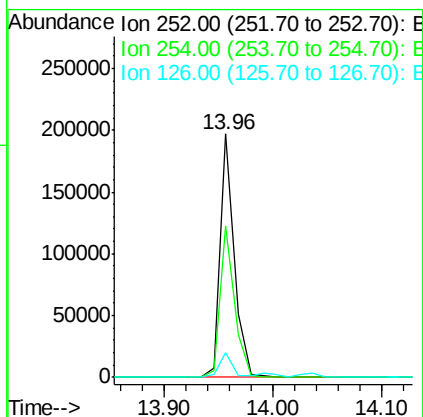
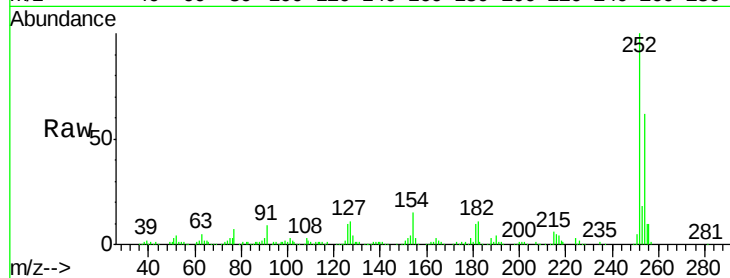




#81
 3,3'-Dichlorobenzidine
 Concen: 26.65 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

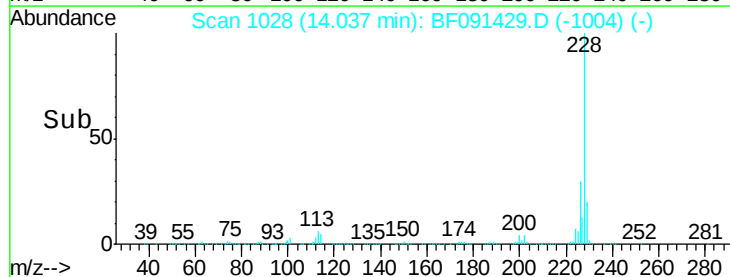
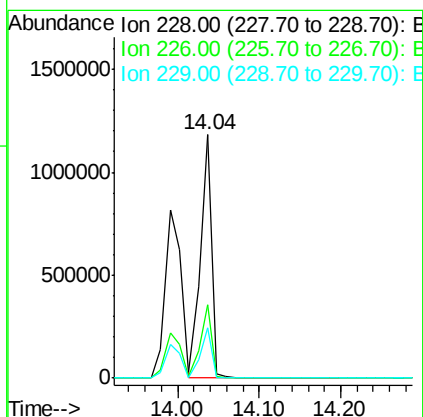
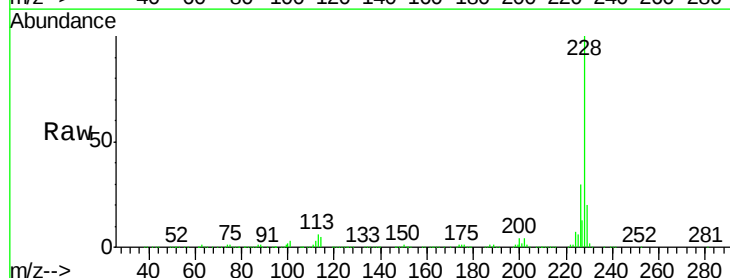
Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tgt Ion:252 Resp: 179284
 Ion Ratio Lower Upper
 252 100
 254 62.0 52.1 78.1
 126 10.3 7.5 11.3



#82
 Chrysene
 Concen: 60.50 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:228 Resp: 1143132
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.4
 229 20.4 16.0 24.0

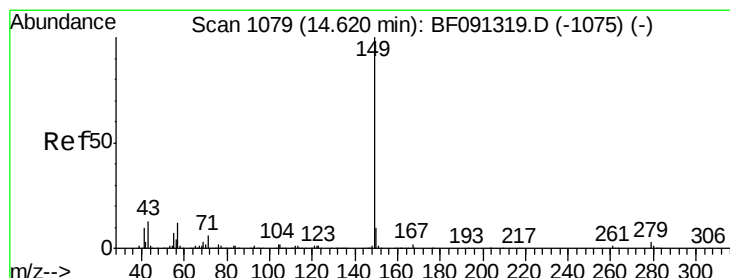
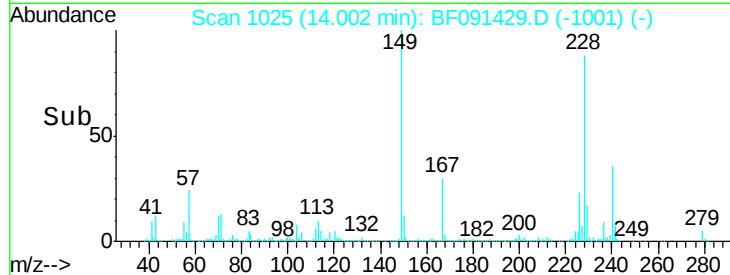
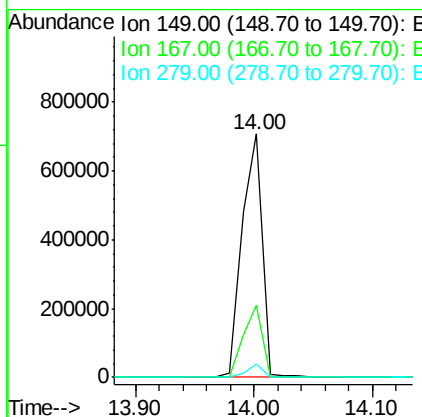
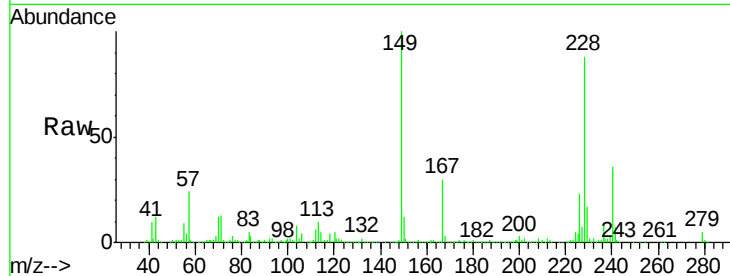




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 70.97 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tgt Ion:149 Resp: 834719
 Ion Ratio Lower Upper
 149 100
 167 29.7 19.6 29.4#
 279 5.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 73.89 ng
 RT: 14.61 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:149 Resp: 1314983
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.7 11.9 17.9

