

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091475.D
 Acq On : 7 Dec 2016 17:55
 Operator : UM/SJ
 Sample : H5867-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Quant Time: Dec 08 00:23:24 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	6.84	152	156111	20.00	ng	-0.04
21) Naphthalene-d8	8.12	136	585781	20.00	ng	-0.05
38) Acenaphthene-d10	9.88	164	383017	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	646367	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	495305	20.00	ng	-0.05
86) Perylene-d12	15.40	264	297037	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	874114	91.47	ng	-0.02
7) Phenol-d6	6.47	99	1071170	91.06	ng	-0.03
23) Nitrobenzene-d5	7.40	82	764270	73.12	ng	-0.05
41) 2,4,6-Tribromophenol	10.66	330	459045	126.60	ng	-0.04
44) 2-Fluorobiphenyl	9.20	172	1625867	76.86	ng	-0.04
78) Terphenyl-d14	12.94	244	1649195	72.37	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	106183	24.56	ng	# 78
3) Pyridine	3.28	79	244142	19.96	ng	88
4) n-Nitrosodimethylamine	3.21	42	217504	33.88	ng	99
6) Aniline	6.50	93	129932	8.32	ng	# 76
8) 2-Chlorophenol	6.62	128	338709	32.33	ng	# 81
9) Benzaldehyde	6.38	77	67373	8.91	ng	84
10) Phenol	6.48	94	323164	23.35	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	320972	32.45	ng	98
12) 1,3-Dichlorobenzene	6.78	146	345259	29.62	ng	96
13) 1,4-Dichlorobenzene	6.85	146	345391	29.79	ng	95
14) 1,2-Dichlorobenzene	7.01	146	360689	33.40	ng	95
15) Benzyl Alcohol	6.97	79	297719	31.62	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	677272	31.85	ng	72
17) 2-Methylphenol	7.10	107	278640	33.64	ng	# 77
18) Hexachloroethane	7.35	117	131038	31.83	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	276217	37.27	ng	# 88
20) 3+4-Methylphenols	7.25	107	347409	34.36	ng	# 62
22) Acetophenone	7.25	105	500068	36.02	ng	# 83
24) Nitrobenzene	7.42	77	405960	37.93	ng	# 89
25) Isophorone	7.66	82	712532	38.48	ng	99
26) 2-Nitrophenol	7.74	139	194138	39.81	ng	# 79
27) 2,4-Dimethylphenol	7.77	122	317914	34.85	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	453950	40.73	ng	98
29) 2,4-Dichlorophenol	7.98	162	317986	39.62	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	323392	35.94	ng	99
31) Naphthalene	8.14	128	966069	34.70	ng	99
32) Benzoic acid	7.90	122	223736	33.27	ng	95
33) 4-Chloroaniline	8.20	127	57763	4.85	ng	95
34) Hexachlorobutadiene	8.26	225	206498	37.32	ng	98
35) Caprolactam	8.56	113	50562	21.92	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	335573	38.73	ng	97
37) 2-Methylnaphthalene	8.84	142	768694	40.64	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	330455	30.60	ng	98
40) Hexachlorocyclopentadiene	8.98	237	387088	77.34	ng	99

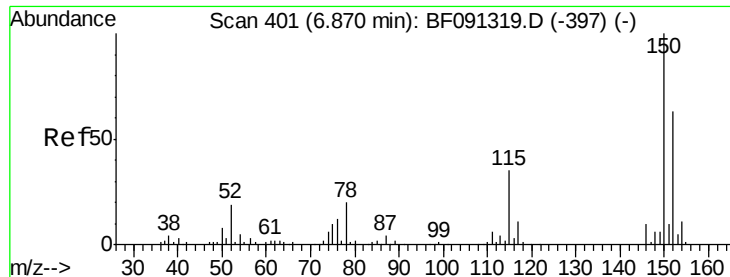
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	273372	38.96	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	232898	33.12	ng	# 91
45) 1,1'-Biphenyl	9.29	154	856199	31.09	ng	97
46) 2-Chloronaphthalene	9.32	162	648189	31.60	ng	98
47) 2-Nitroaniline	9.42	65	260833	35.41	ng	99
48) Acenaphthylene	9.74	152	1121790	34.74	ng	99
49) Dimethylphthalate	9.60	163	817323	35.24	ng	98
50) 2,6-Dinitrotoluene	9.66	165	186973	36.07	ng	95
51) Acenaphthene	9.91	154	861854	39.57	ng	96
52) 3-Nitroaniline	9.82	138	50756	8.46	ng	88
53) 2,4-Dinitrophenol	9.93	184	238426	105.18	ng	92
54) Dibenzofuran	10.08	168	1099405	37.70	ng	93
55) 4-Nitrophenol	9.99	139	244308	56.38	ng	93
56) 2,4-Dinitrotoluene	10.06	165	241546	35.92	ng	# 62
57) Fluorene	10.42	166	886374	39.59	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	239473	39.88	ng	96
59) Diethylphthalate	10.30	149	819389	35.79	ng	98
60) 4-Chlorophenyl-phenylether	10.41	204	396036	35.27	ng	# 89
61) 4-Nitroaniline	10.44	138	122099	21.67	ng	88
62) Azobenzene	10.57	77	874093	37.42	ng	92
64) 4,6-Dinitro-2-methylphenol	10.47	198	173169	48.63	ng	# 44
65) n-Nitrosodiphenylamine	10.53	169	496551	25.34	ng	100
66) 4-Bromophenyl-phenylether	10.90	248	294242	42.35	ng	# 81
67) Hexachlorobenzene	10.96	284	281244	37.46	ng	# 74
68) Atrazine	11.05	200	71832	11.32	ng	98
69) Pentachlorophenol	11.16	266	339653	76.85	ng	97
70) Phenanthrene	11.38	178	1259443	37.50	ng	97
71) Anthracene	11.43	178	1279509	38.39	ng	99
72) Carbazole	11.58	167	672097	22.22	ng	98
73) Di-n-butylphthalate	11.92	149	1431930	41.77	ng	100
74) Fluoranthene	12.56	202	1270414	39.93	ng	100
77) Pyrene	12.79	202	1337333	35.58	ng	99
79) Butylbenzylphthalate	13.42	149	574256	40.80	ng	# 79
80) Benzo(a)anthracene	13.98	228	1054234	36.40	ng	97
82) Chrysene	14.01	228	1041430	36.34	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	796189	44.63	ng	# 92
84) Di-n-octyl phthalate	14.59	149	1198992	44.41	ng	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	787082	29.99	ng	# 91
87) Benzo(b)fluoranthene	15.00	252	834191	45.18	ng	# 97
88) Benzo(k)fluoranthene	15.00	252	834191	53.73	ng	# 96
89) Benzo(a)pyrene	15.34	252	741555	44.73	ng	# 96
90) Dibenzo(a,h)anthracene	16.80	278	676438	44.11	ng	# 93
91) Benzo(g,h,i)perylene	17.20	276	641964	40.60	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.04 min

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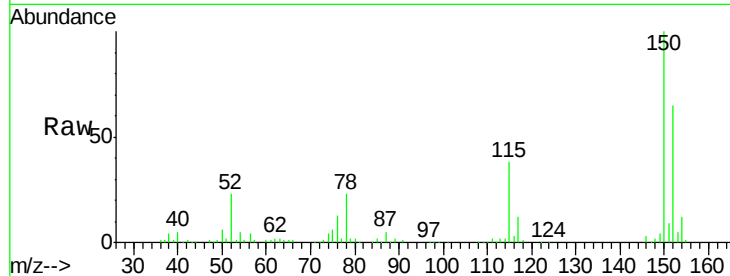
Tgt Ion:152 Resp: 156111

Ion Ratio Lower Upper

152 100

150 153.9 122.5 183.7

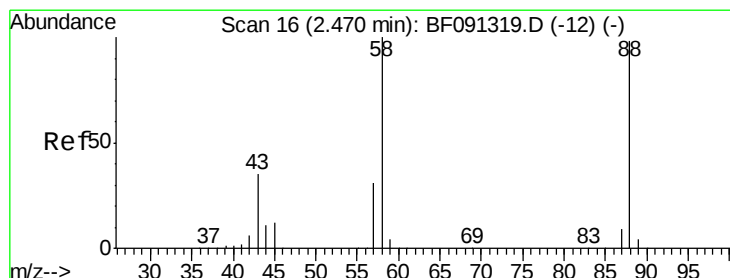
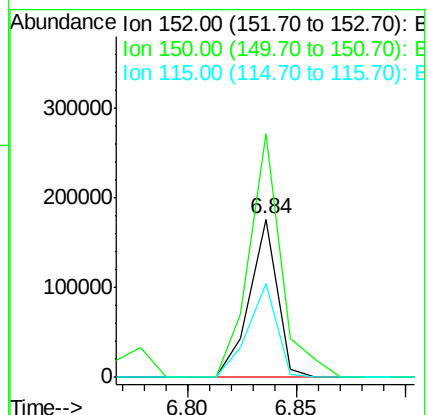
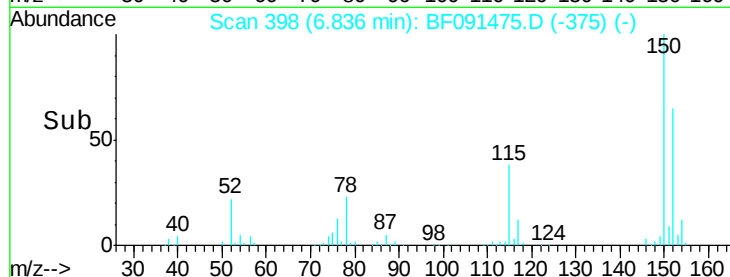
115 59.1 51.8 77.8



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: 24.56 ng

RT: 2.60 min Scan# 27

Delta R.T. 0.10 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

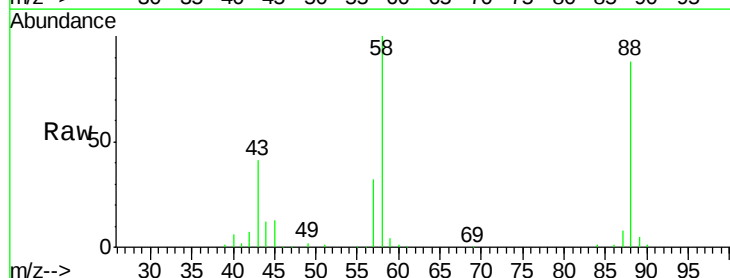
Tgt Ion: 88 Resp: 106183

Ion Ratio Lower Upper

88 100

58 114.9 70.3 105.5#

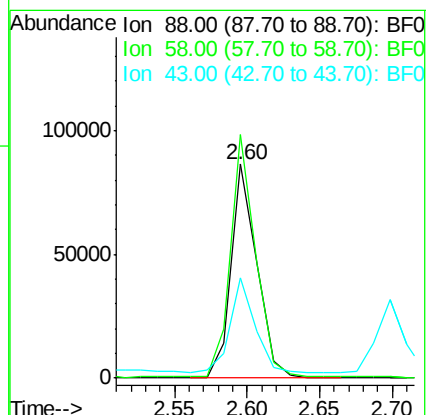
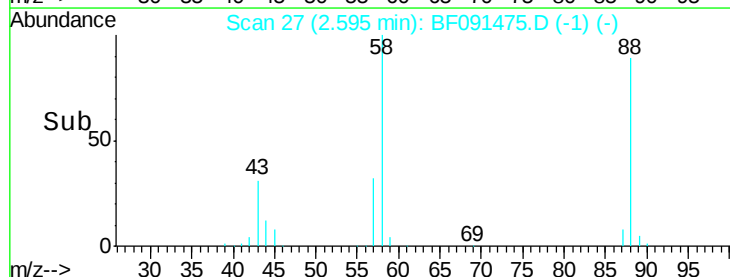
43 42.4 31.3 46.9

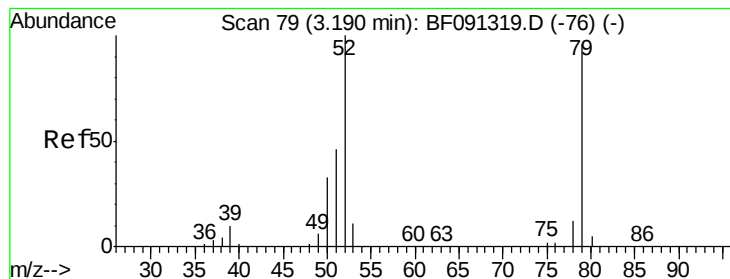


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 19.96 ng

RT: 3.28 min Scan# 87

Delta R.T. 0.06 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

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ClientSampleId :

N002-WD-A5-01-01MS

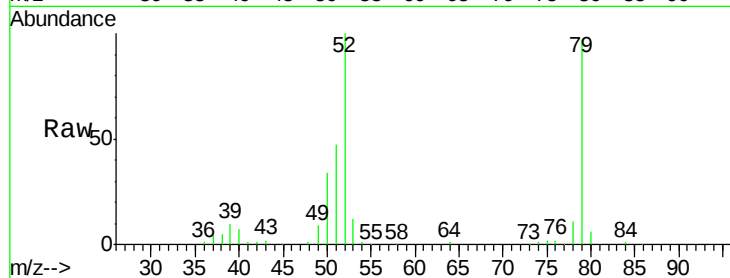
Tgt Ion: 79 Resp: 244142

Ion Ratio Lower Upper

79 100

52 103.3 71.0 106.4

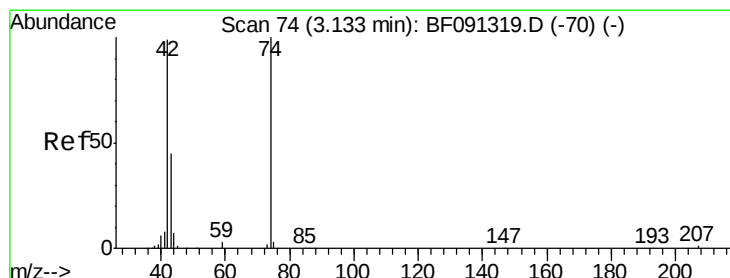
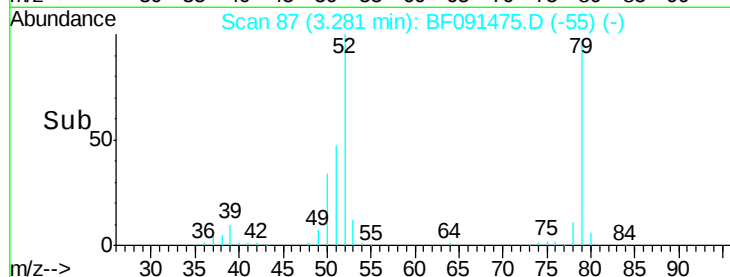
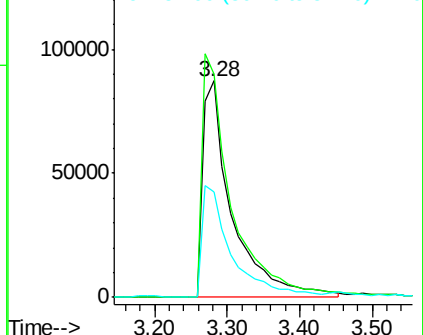
51 48.8 37.0 55.4



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: 33.88 ng

RT: 3.21 min Scan# 81

Delta R.T. 0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

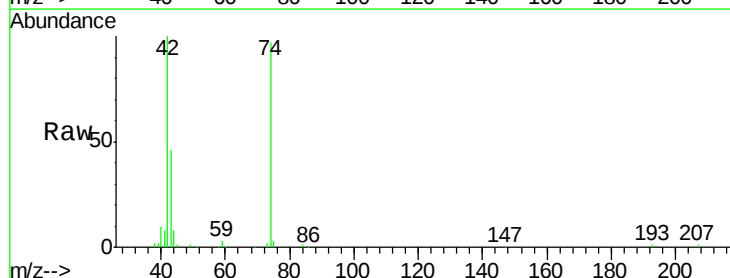
Tgt Ion: 42 Resp: 217504

Ion Ratio Lower Upper

42 100

74 97.2 78.9 118.3

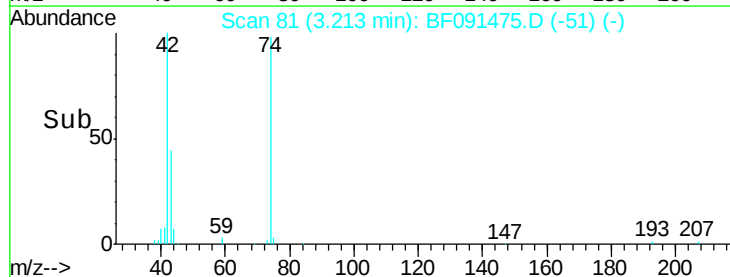
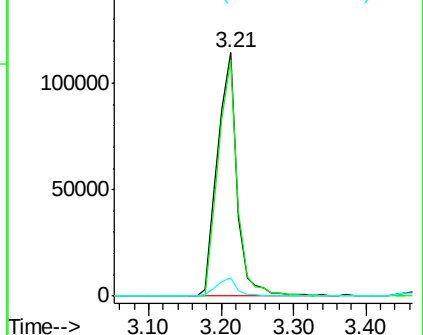
44 7.7 5.8 8.6

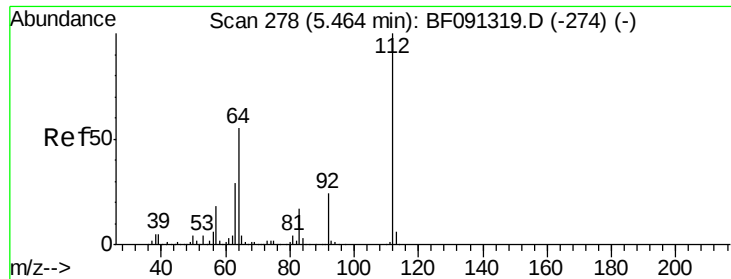


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 91.47 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091475.D

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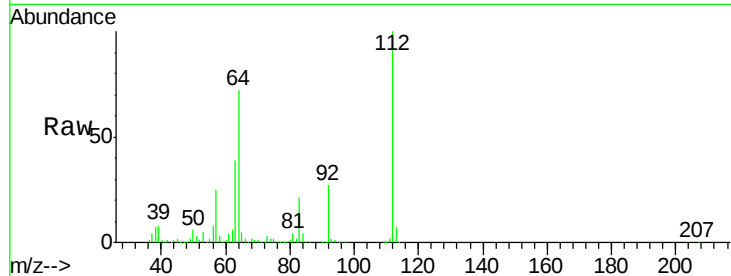
Tgt Ion: 112 Resp: 874114

Ion Ratio Lower Upper

112 100

64 72.1 61.5 92.3

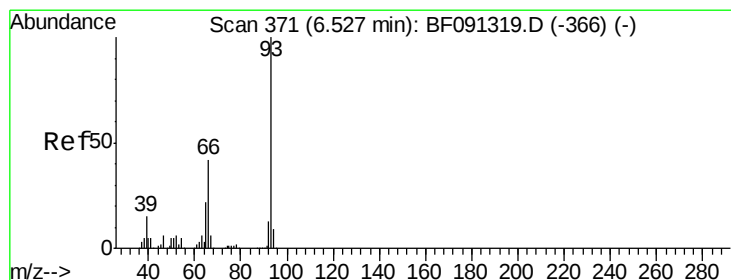
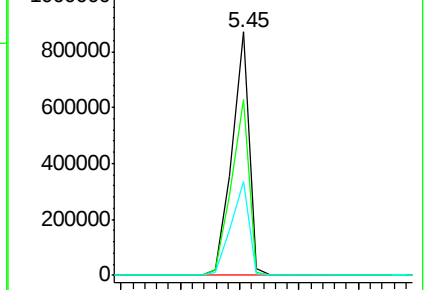
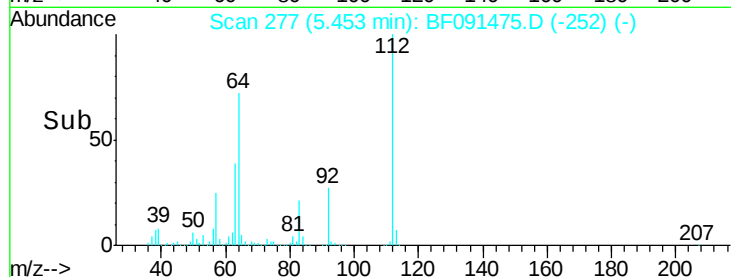
63 38.7 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.32 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

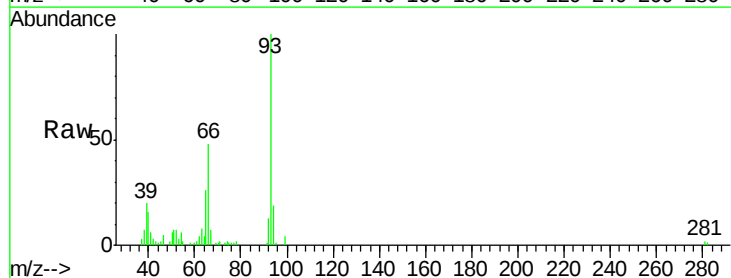
Tgt Ion: 93 Resp: 129932

Ion Ratio Lower Upper

93 100

66 47.8 55.8 83.6#

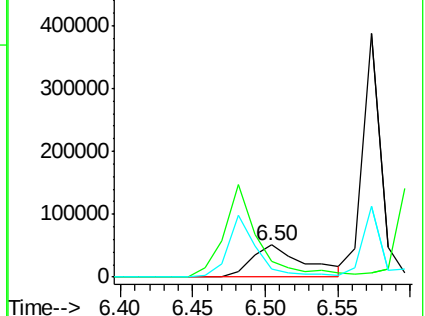
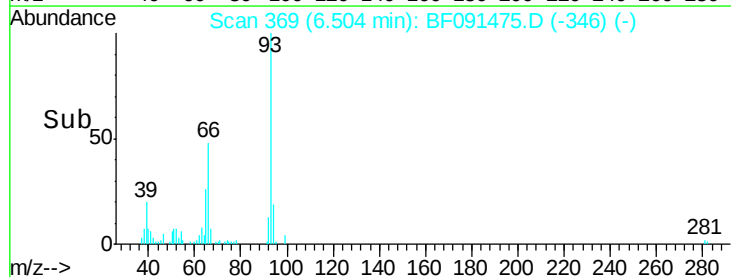
65 25.9 29.9 44.9#

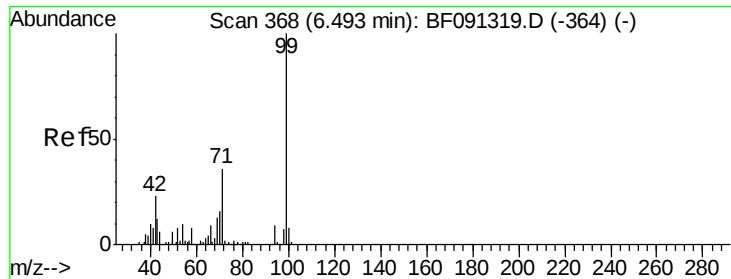


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 91.06 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091475.D

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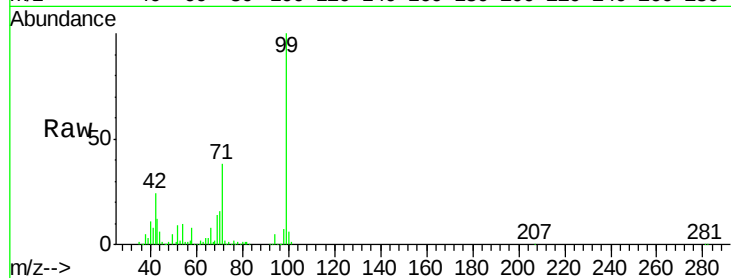
Tgt Ion: 99 Resp: 1071170

Ion Ratio Lower Upper

99 100

42 23.8 20.6 31.0

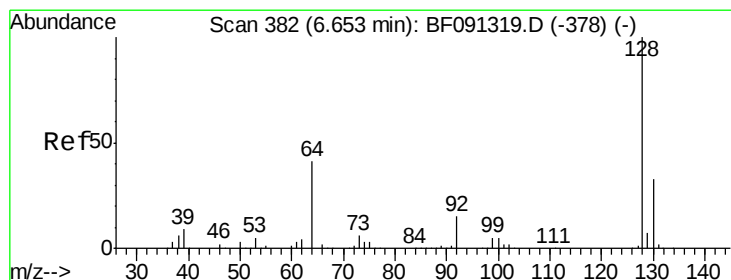
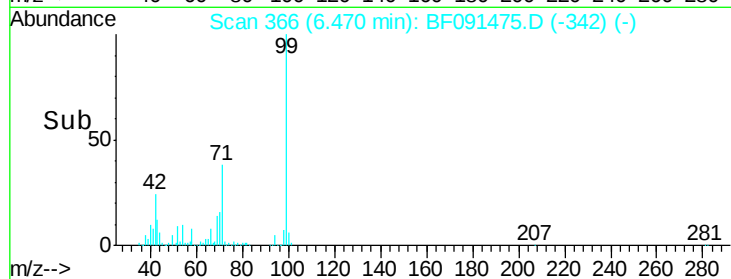
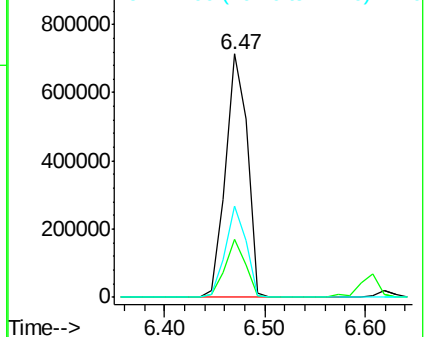
71 37.6 29.9 44.9



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: 32.33 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

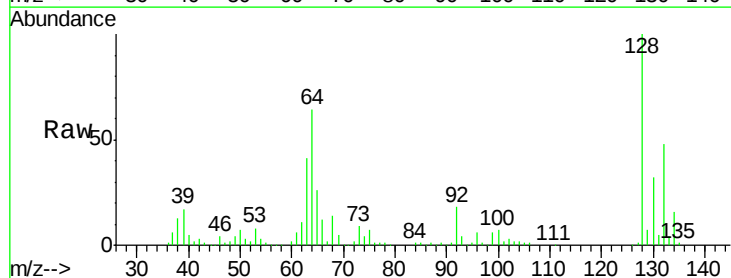
Tgt Ion: 128 Resp: 338709

Ion Ratio Lower Upper

128 100

130 32.2 13.1 53.1

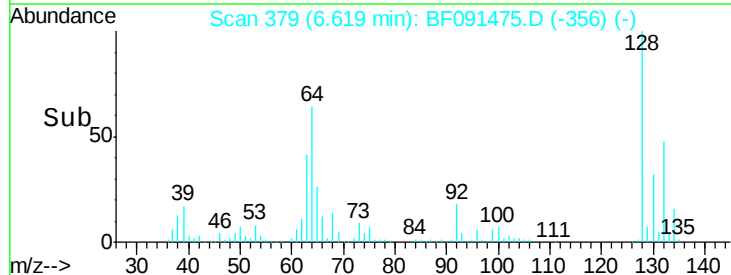
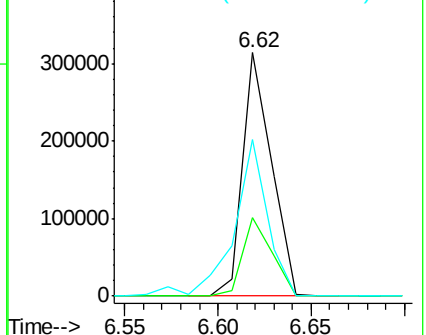
64 64.5 24.1 64.1#

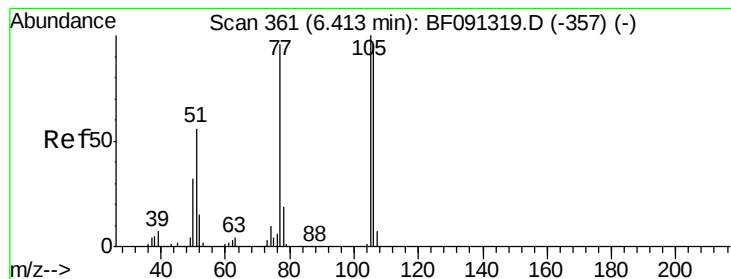


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.91 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.04 min

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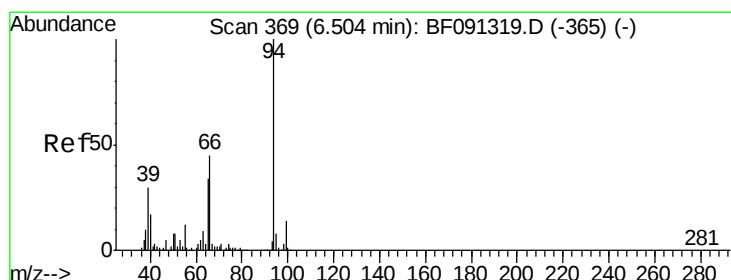
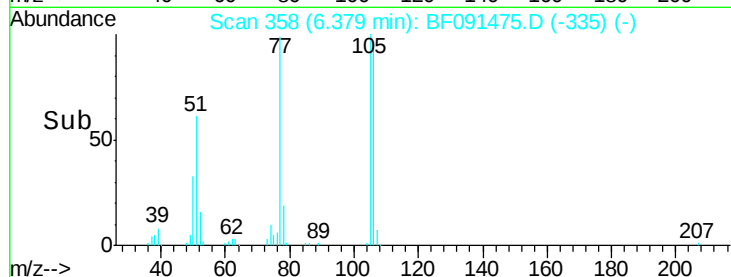
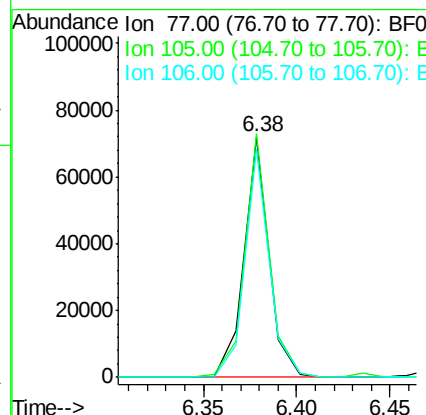
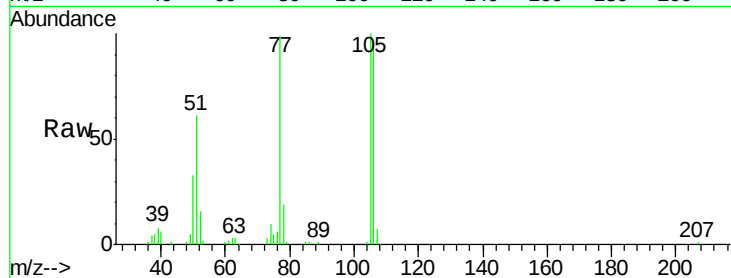
Tgt Ion: 77 Resp: 67373

Ion Ratio Lower Upper

77 100

105 101.5 66.4 106.4

106 95.0 60.9 100.9



#10

Phenol

Concen: 23.35 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

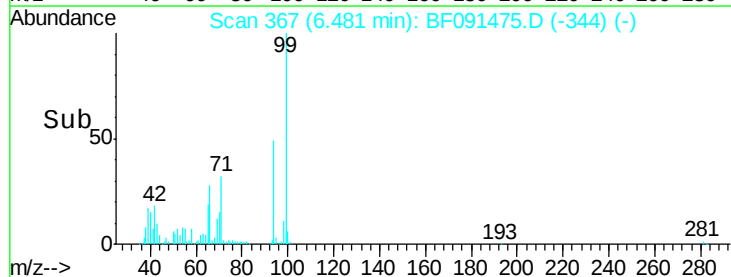
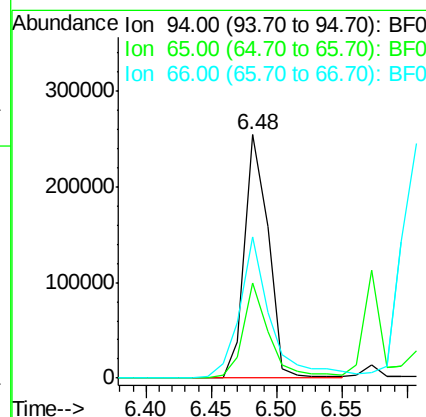
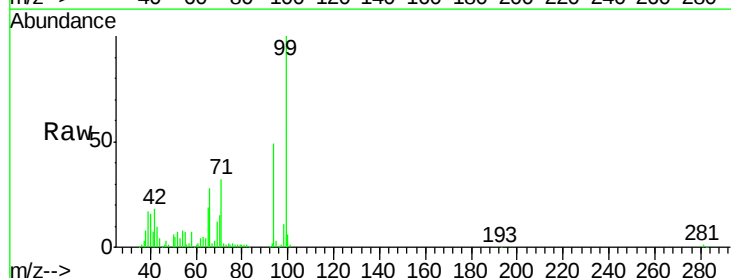
Tgt Ion: 94 Resp: 323164

Ion Ratio Lower Upper

94 100

65 38.9 16.9 56.9

66 57.8 30.6 70.6

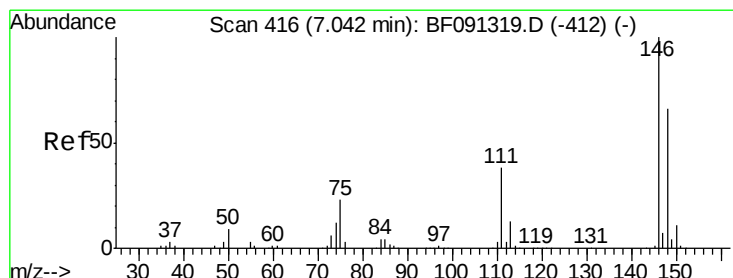
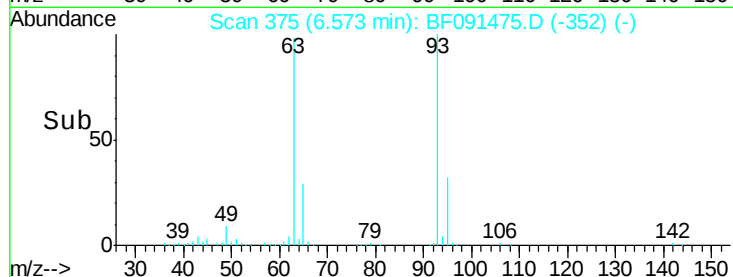
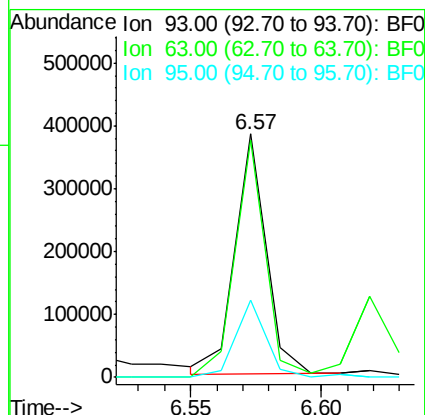
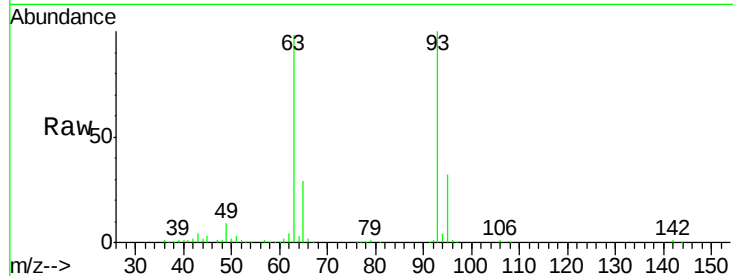




#11
bis(2-Chloroethyl)ether
Concen: 32.45 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.04 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

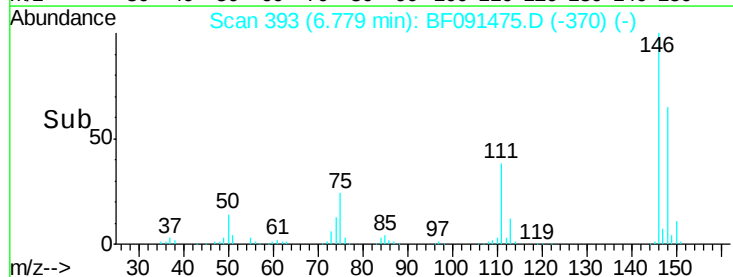
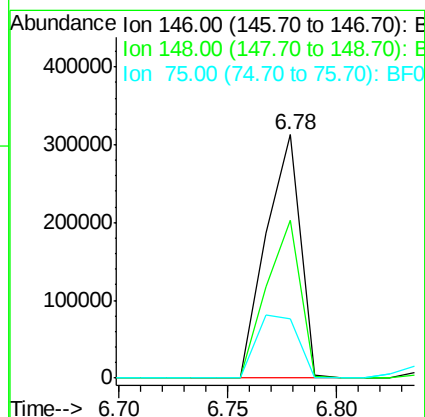
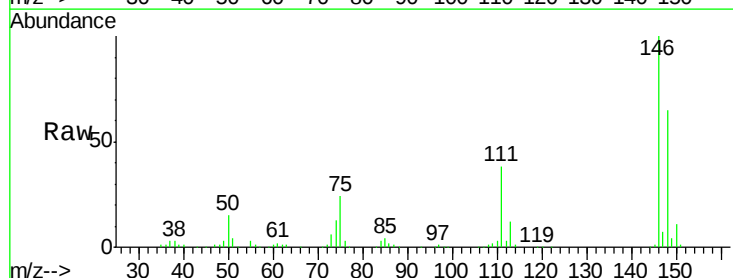
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tgt Ion: 93 Resp: 320972
Ion Ratio Lower Upper
93 100
63 97.5 74.8 114.8
95 31.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 29.62 ng
RT: 6.78 min Scan# 393
Delta R.T. -0.04 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion: 146 Resp: 345259
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.0
75 24.3 23.6 35.4

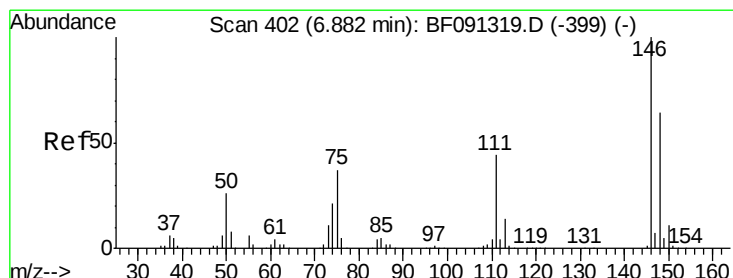
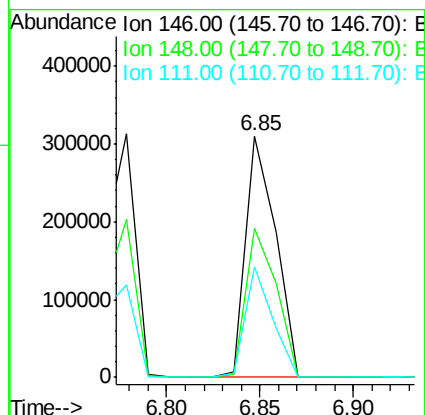
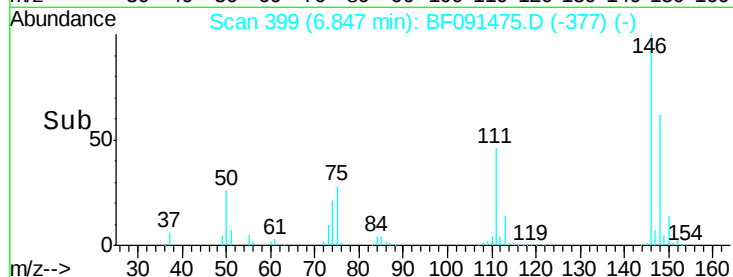
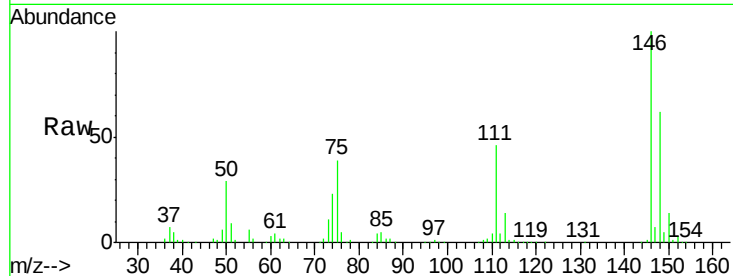




#13
 1,4-Dichlorobenzene
 Concen: 29.79 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.05 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

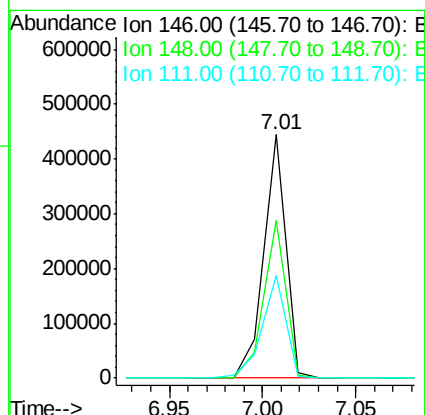
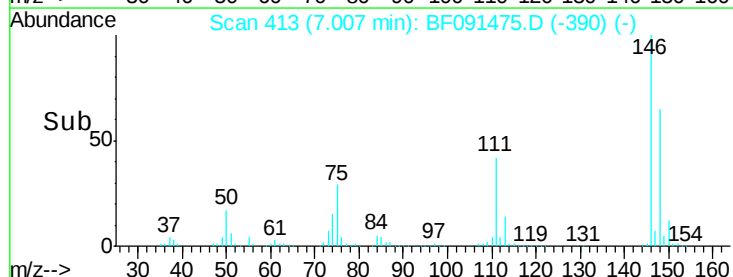
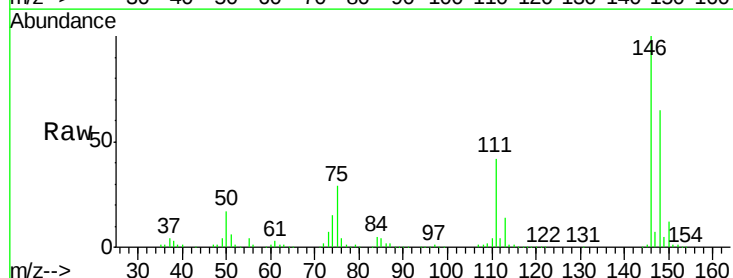
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

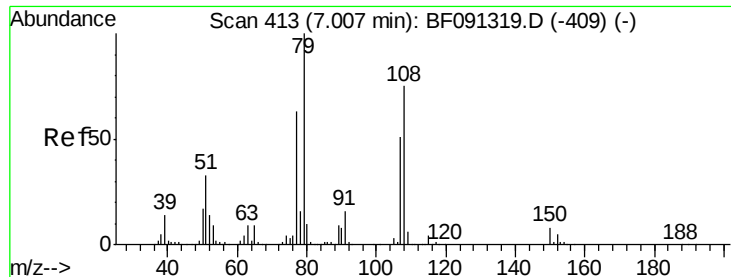
Tgt Ion:146 Resp: 345391
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.4 77.0
 111 45.6 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 33.40 ng
 RT: 7.01 min Scan# 413
 Delta R.T. -0.04 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion:146 Resp: 360689
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.6
 111 42.1 38.9 58.3





#15

Benzyl Alcohol

Concen: 31.62 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

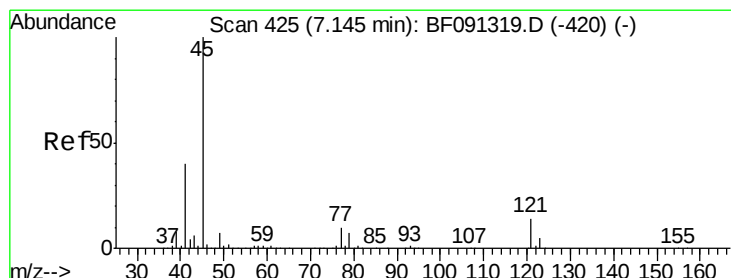
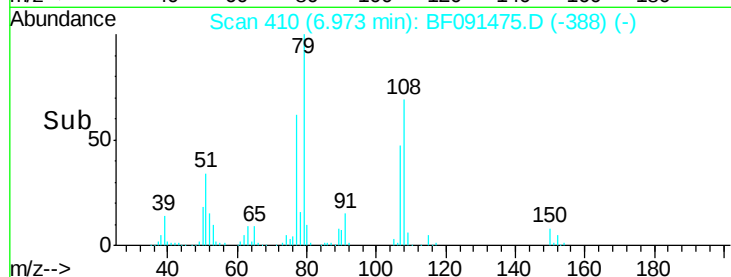
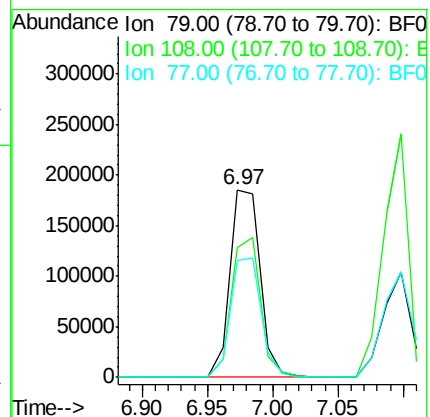
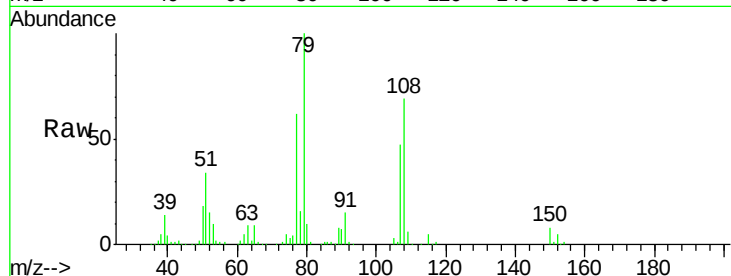
Tgt Ion: 79 Resp: 297719

Ion Ratio Lower Upper

79 100

108 69.3 62.7 94.1

77 62.3 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.85 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

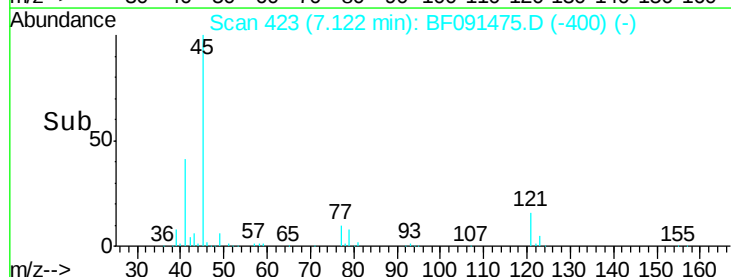
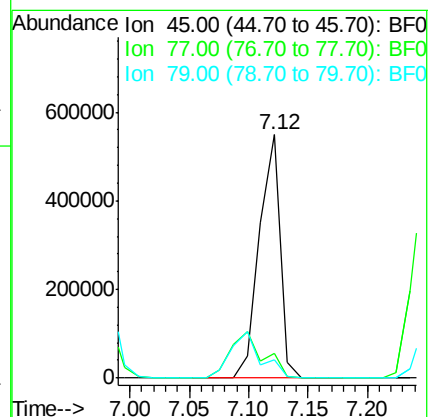
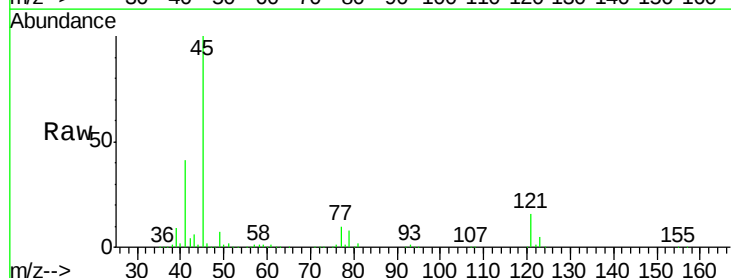
Tgt Ion: 45 Resp: 677272

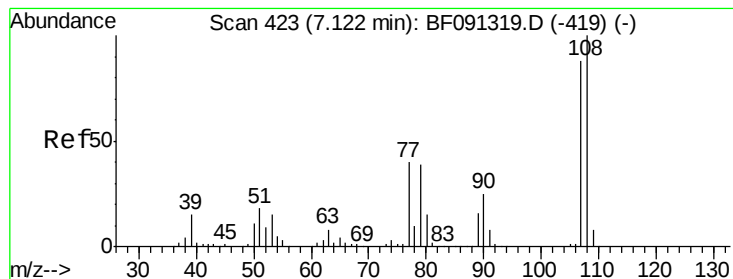
Ion Ratio Lower Upper

45 100

77 9.9 3.8 43.8

79 7.7 0.2 40.2





#17

2-Methylphenol

Concen: 33.64 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

Tgt Ion:107 Resp: 278640

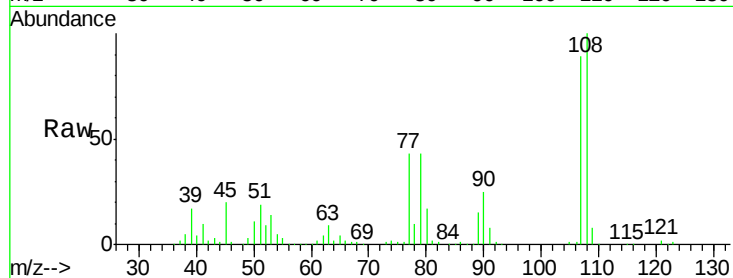
Ion Ratio Lower Upper

107 100

108 113.0 67.7 101.5#

77 49.1 40.7 61.1

79 48.9 23.4 35.2#

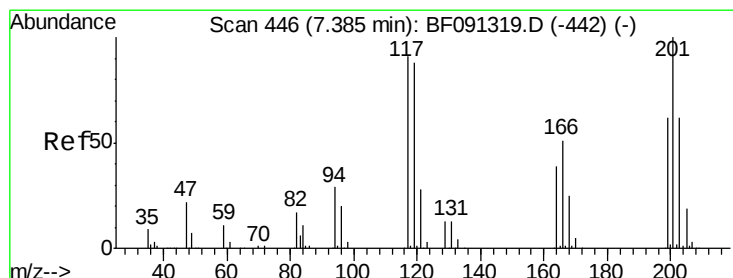
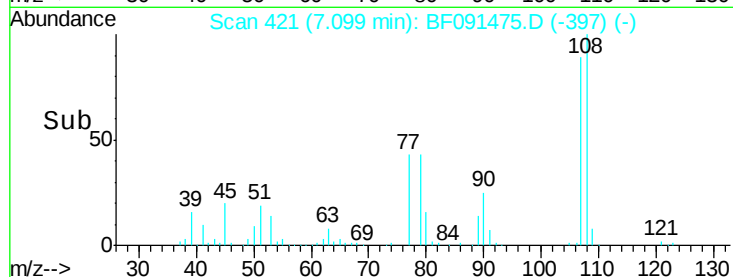
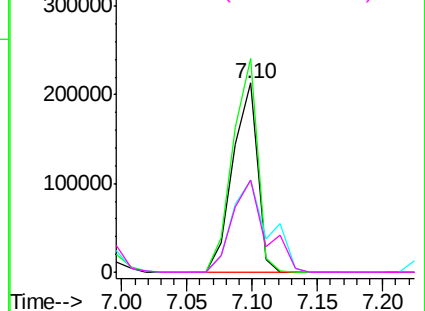


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.83 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

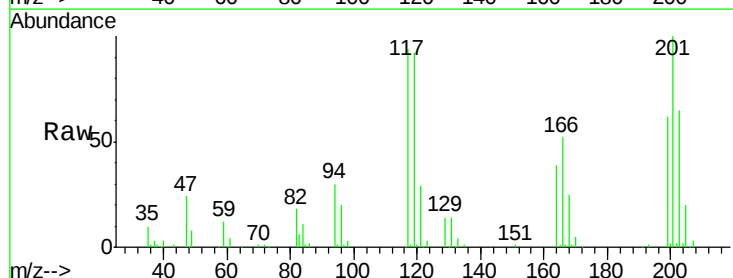
Tgt Ion:117 Resp: 131038

Ion Ratio Lower Upper

117 100

119 98.0 78.6 118.0

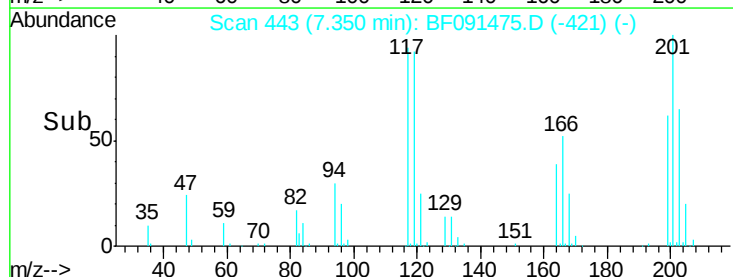
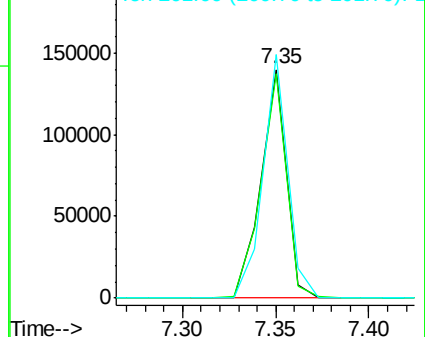
201 106.6 86.7 130.1

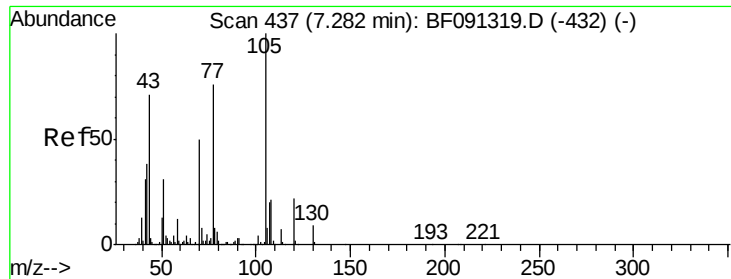


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

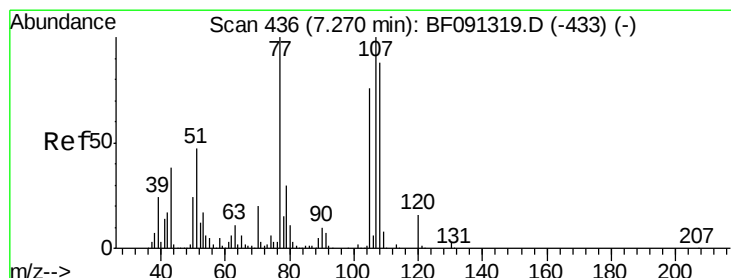
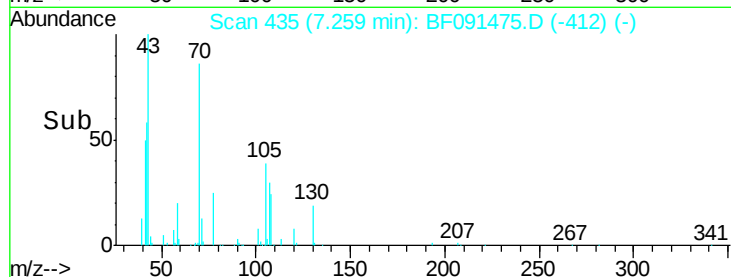
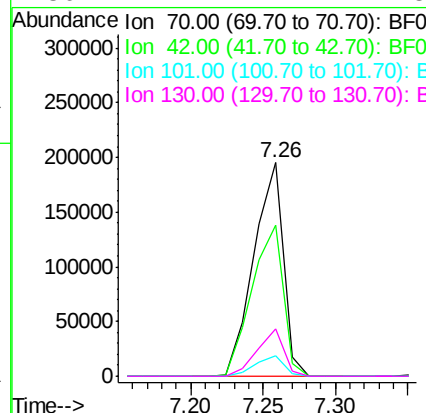
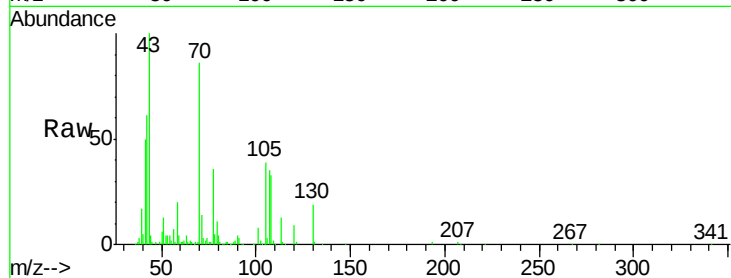




#19
n-Nitroso-di-n-propylamine
Concen: 37.27 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.04 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

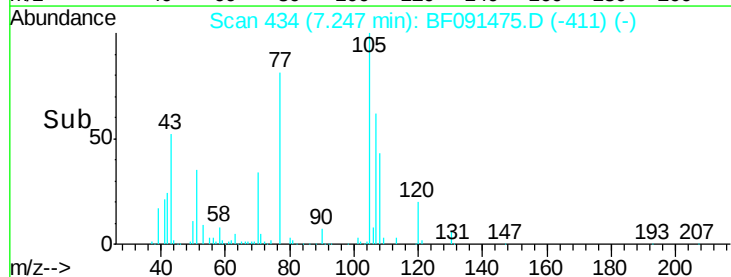
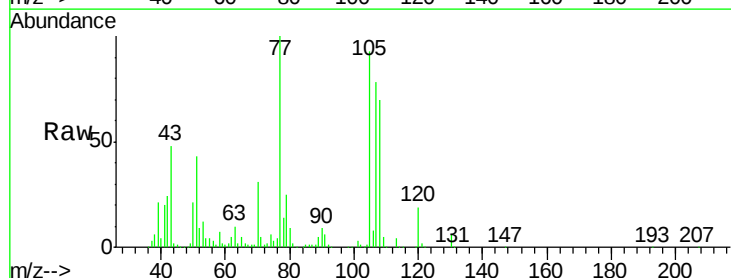
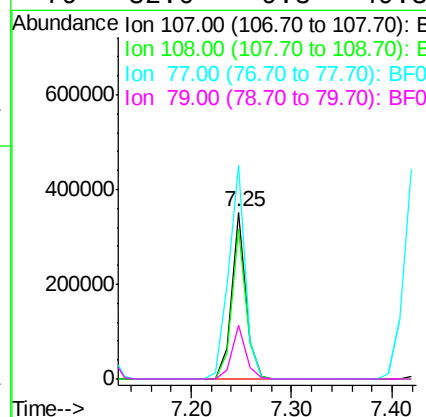
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

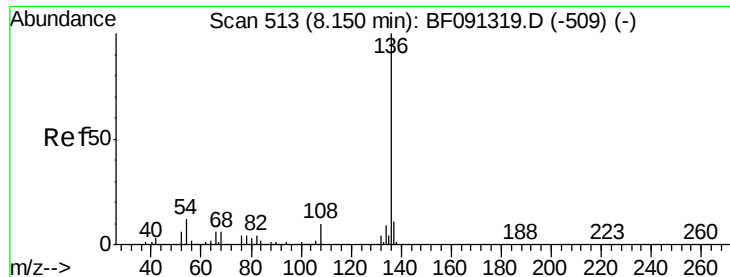
Tgt Ion: 70 Resp: 276217
Ion Ratio Lower Upper
70 100
42 70.5 64.8 97.2
101 9.3 6.2 9.4
130 22.1 11.7 17.5#



#20
3+4-Methylphenols
Concen: 34.36 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.04 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion: 107 Resp: 347409
Ion Ratio Lower Upper
107 100
108 89.4 64.6 104.6
77 128.0 30.9 70.9#
79 32.0 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

Tgt Ion:136 Resp: 585781

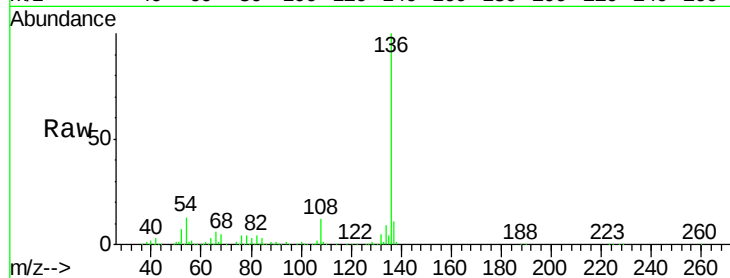
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 12.8 9.1 13.7

68 5.4 5.9 8.9#

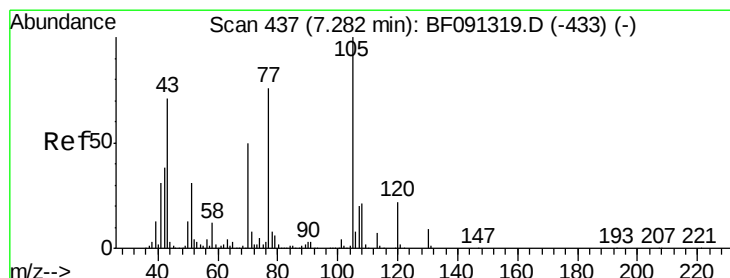
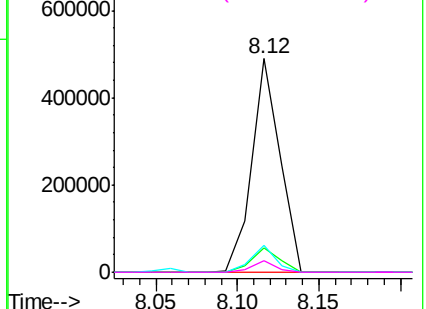
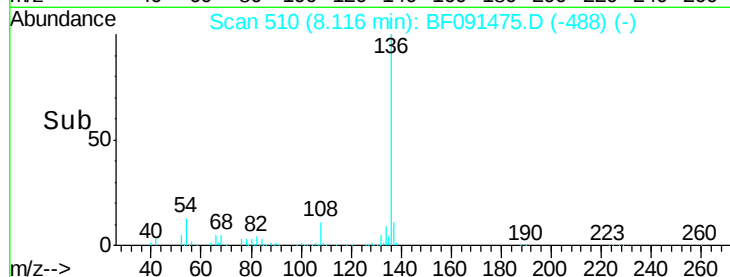


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.02 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tgt Ion:105 Resp: 500068

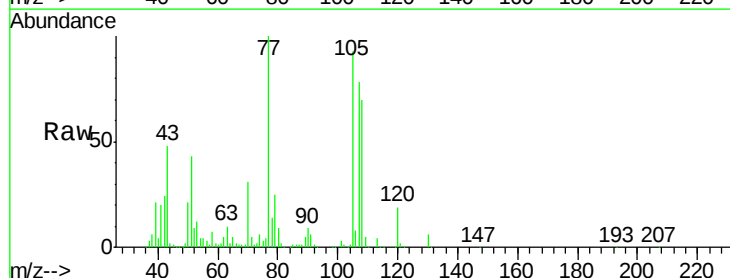
Ion Ratio Lower Upper

105 100

71 5.4 7.9 11.9#

51 46.8 24.5 36.7#

120 20.2 16.6 24.8

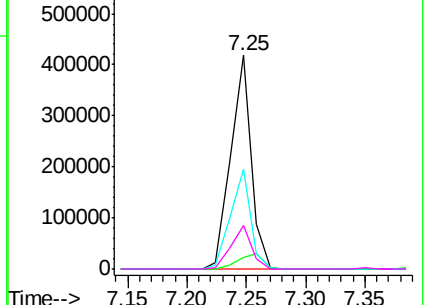
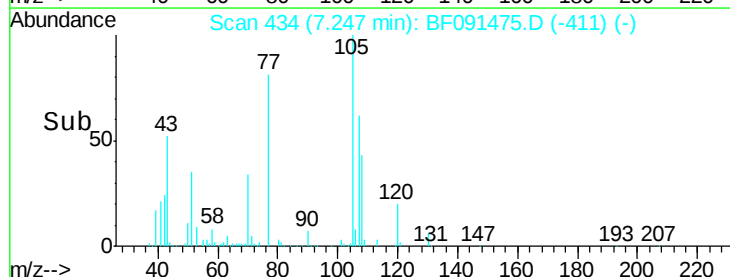


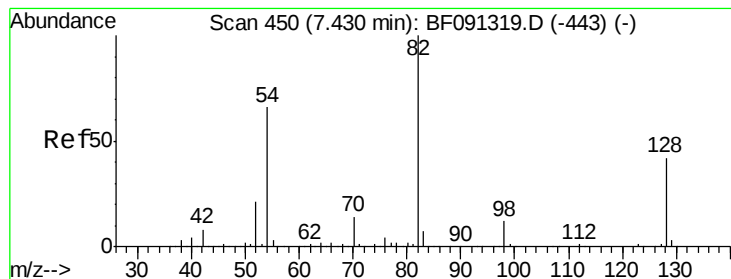
Abundance Ion 105.00 (104.70 to 105.70): E

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: 73.12 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

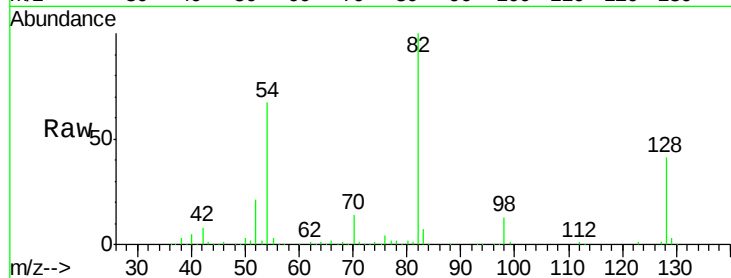
Tgt Ion: 82 Resp: 764270

Ion Ratio Lower Upper

82 100

128 41.0 31.8 47.6

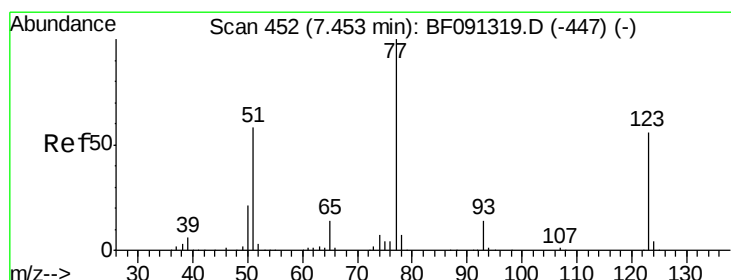
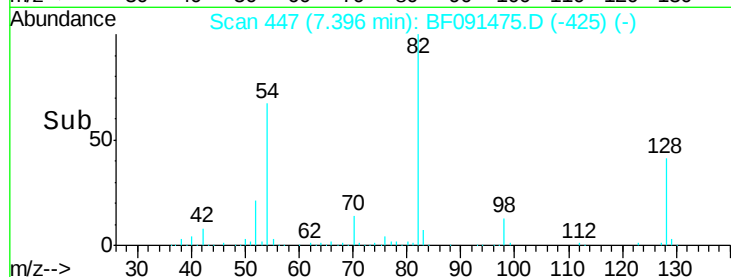
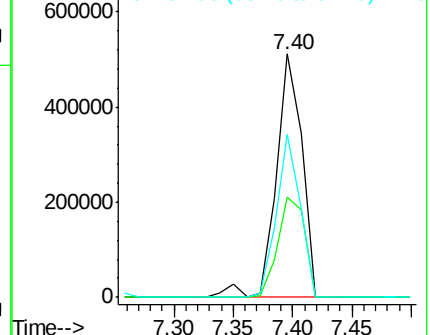
54 67.2 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.93 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

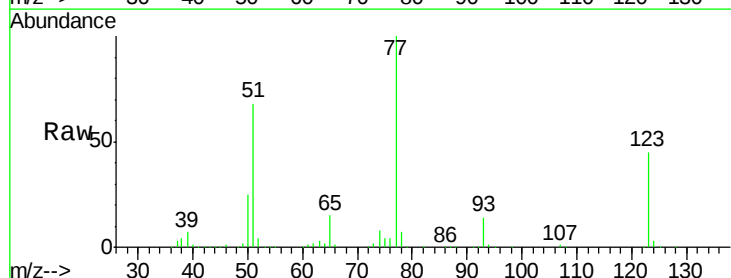
Tgt Ion: 77 Resp: 405960

Ion Ratio Lower Upper

77 100

123 44.8 28.5 42.7#

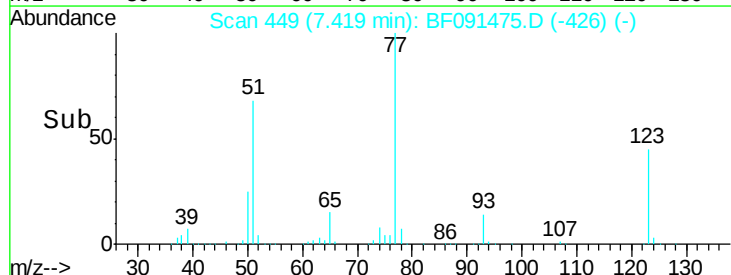
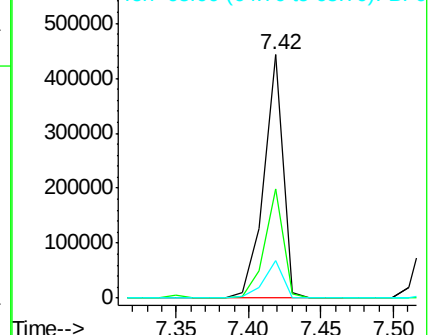
65 15.5 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.48 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

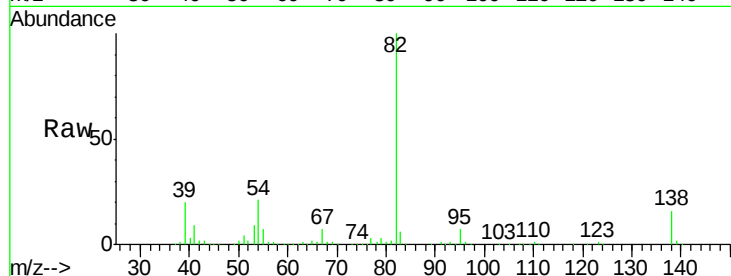
Tgt Ion: 82 Resp: 712532

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

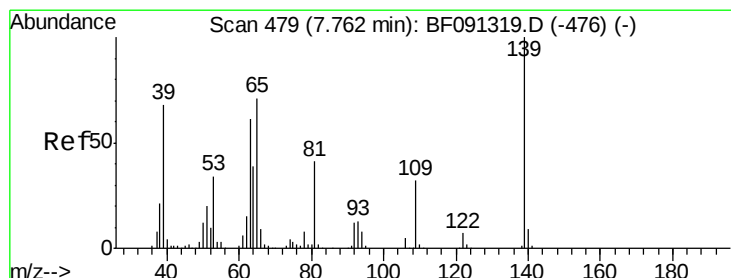
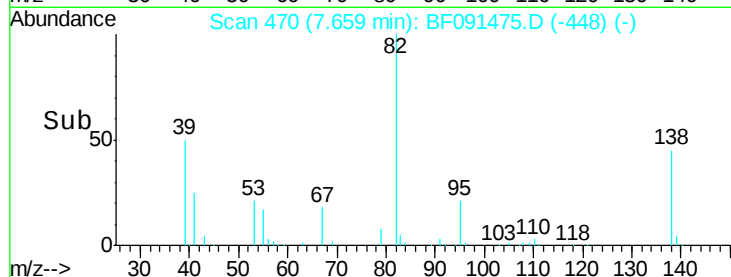
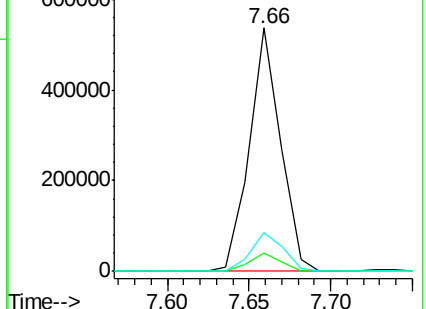
138 15.9 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.81 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

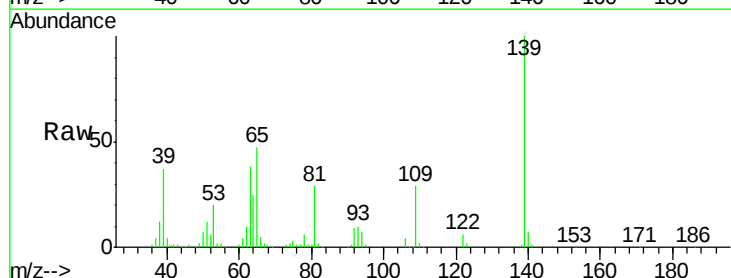
Tgt Ion: 139 Resp: 194138

Ion Ratio Lower Upper

139 100

109 29.0 25.3 37.9

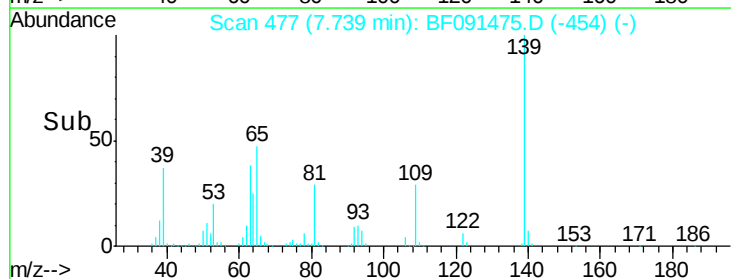
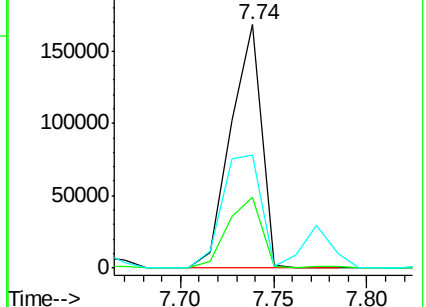
65 46.6 55.4 83.2#

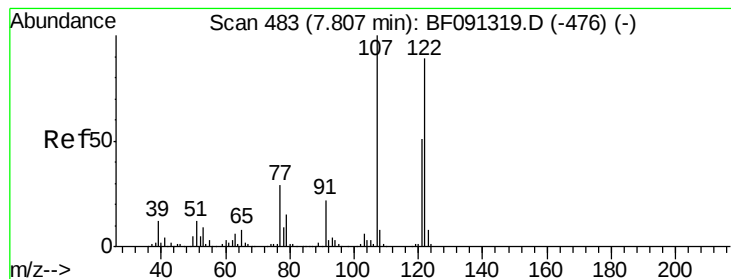


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.85 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

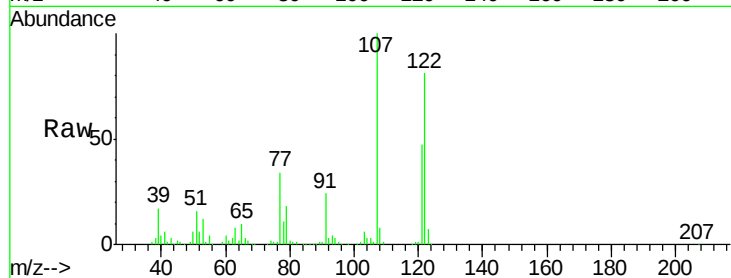
Tgt Ion:122 Resp: 317914

Ion Ratio Lower Upper

122 100

107 122.8 96.8 145.2

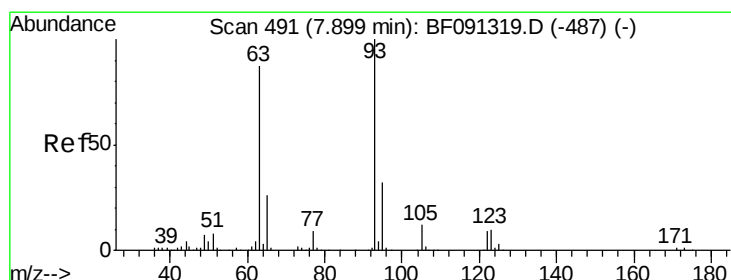
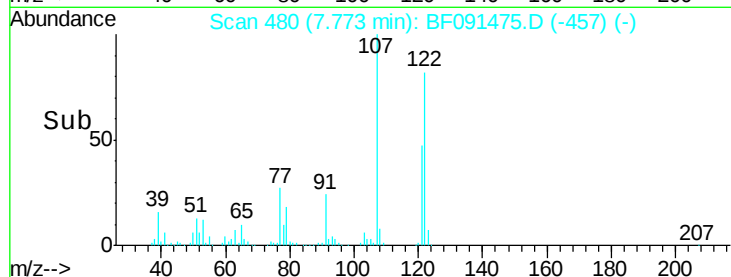
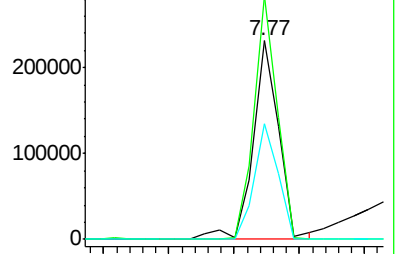
121 58.0 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.73 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

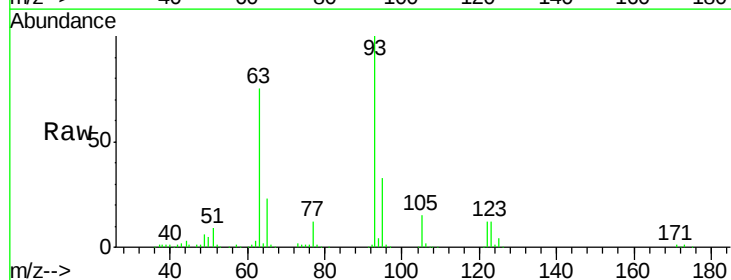
Tgt Ion: 93 Resp: 453950

Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

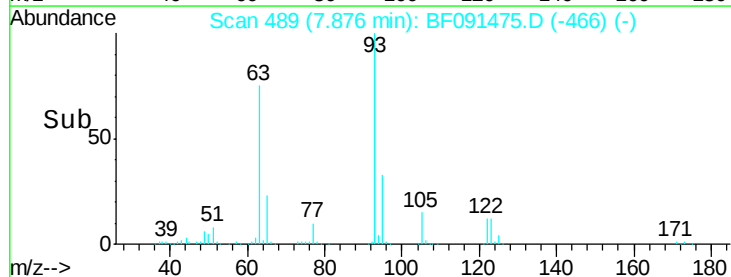
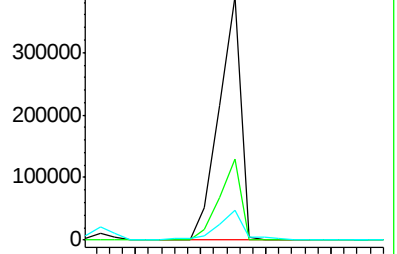
123 12.3 8.6 12.8

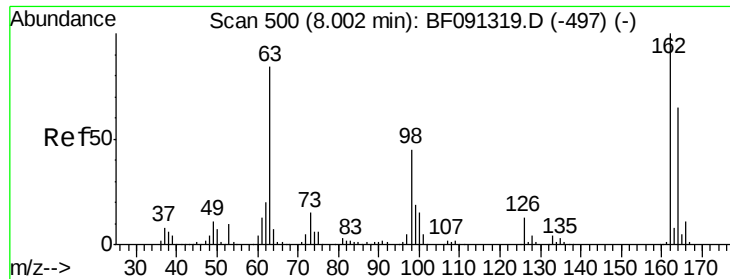


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

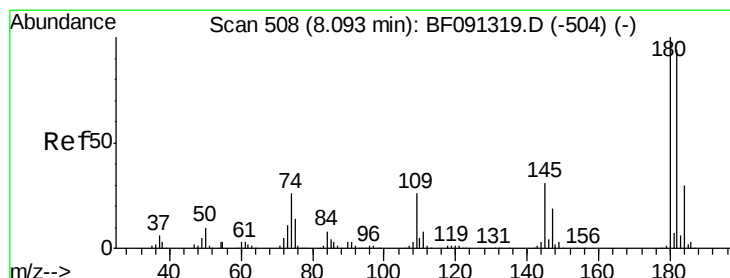
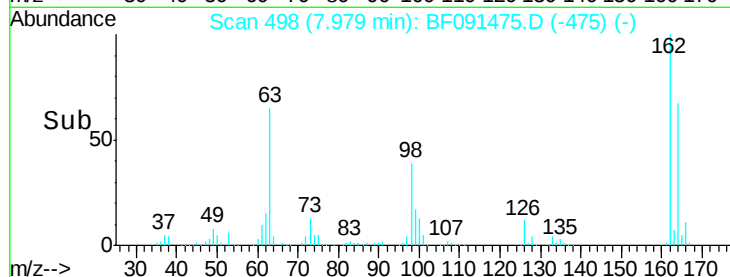
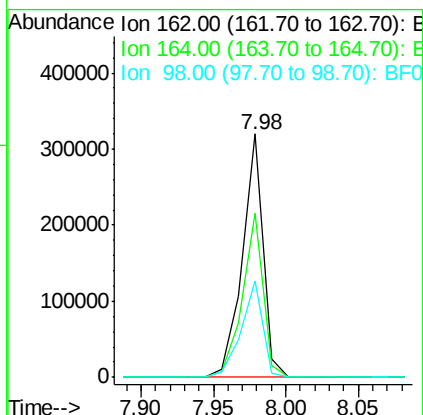
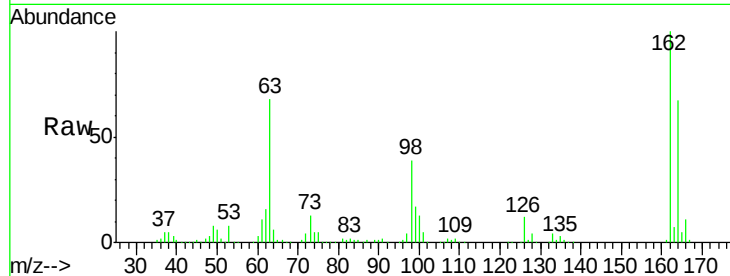




#29
2,4-Dichlorophenol
Concen: 39.62 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.04 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

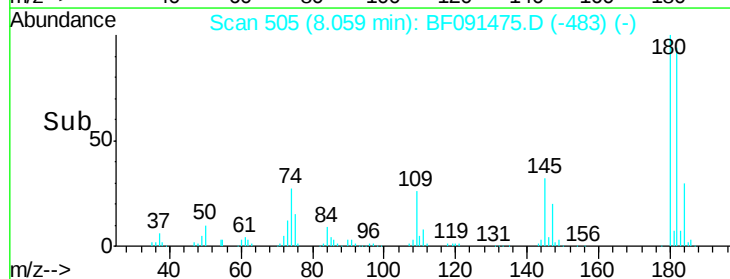
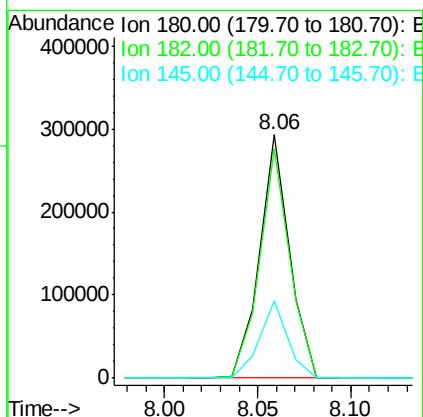
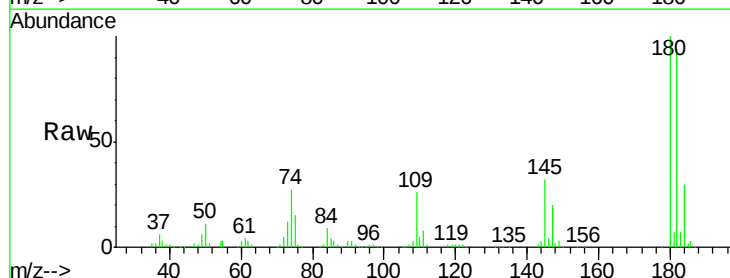
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

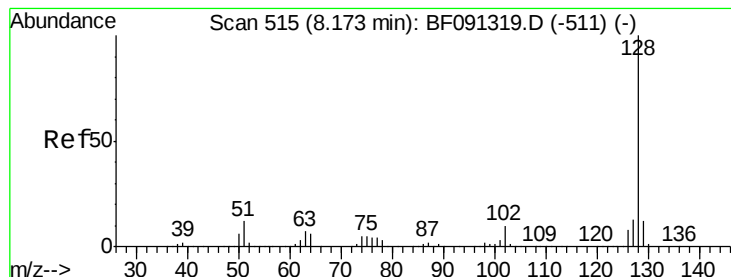
Tgt Ion:162 Resp: 317986
Ion Ratio Lower Upper
162 100
164 67.2 45.0 85.0
98 39.5 21.3 61.3



#30
1,2,4-Trichlorobenzene
Concen: 35.94 ng
RT: 8.06 min Scan# 505
Delta R.T. -0.05 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion:180 Resp: 323392
Ion Ratio Lower Upper
180 100
182 94.4 75.8 113.8
145 32.0 27.0 40.4





#31

Naphthalene

Concen: 34.70 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

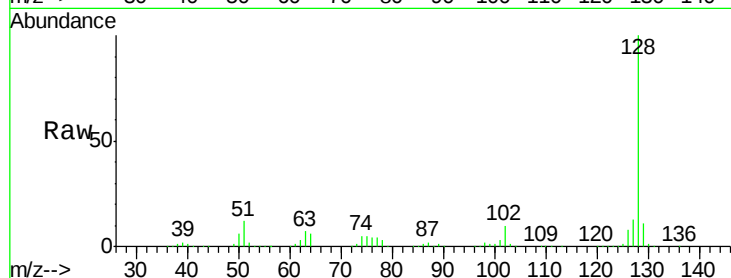
Tgt Ion:128 Resp: 966069

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

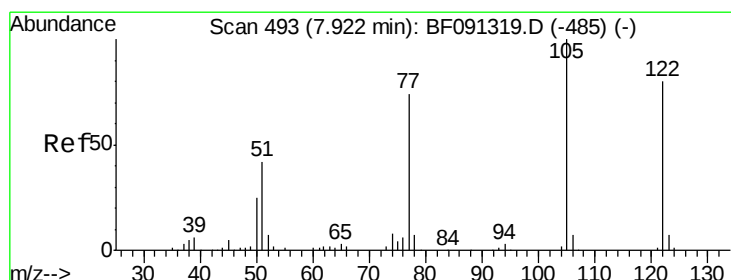
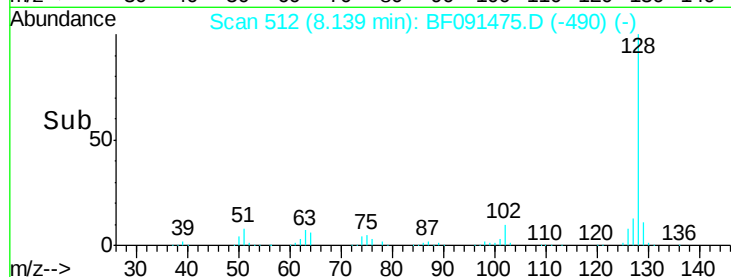
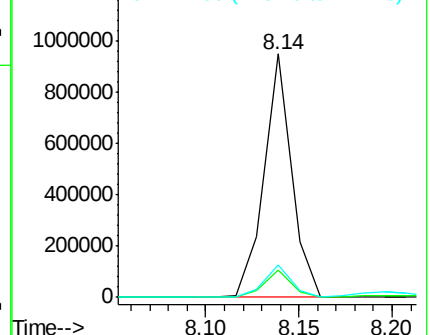
127 13.2 11.0 16.4



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: 33.27 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

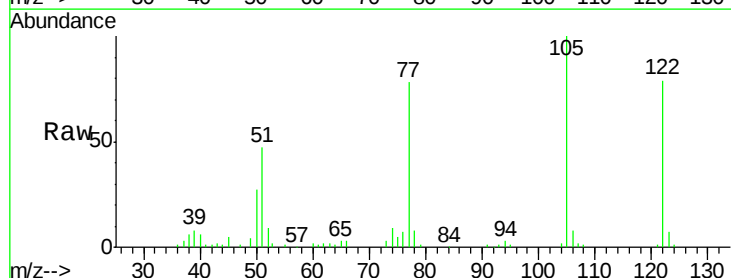
Tgt Ion:122 Resp: 223736

Ion Ratio Lower Upper

122 100

105 126.2 113.0 153.0

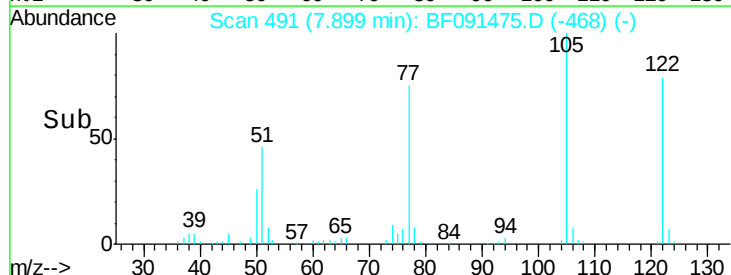
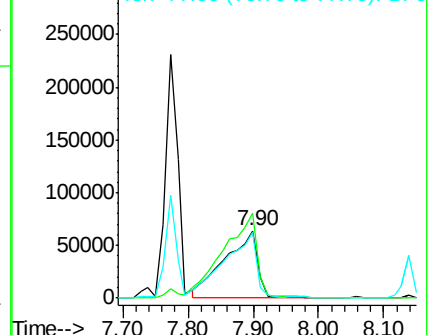
77 98.2 82.0 122.0



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

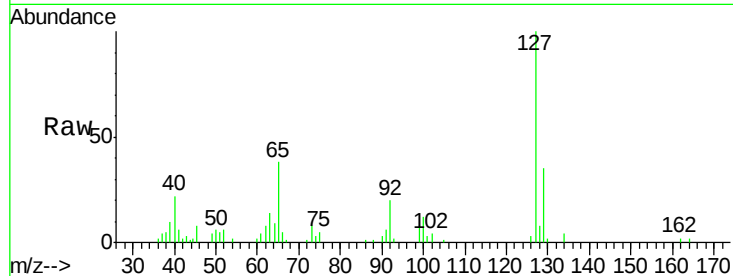




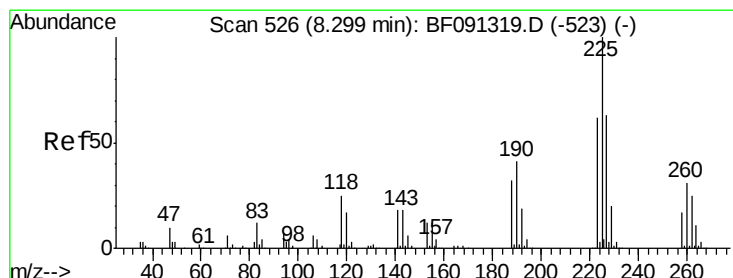
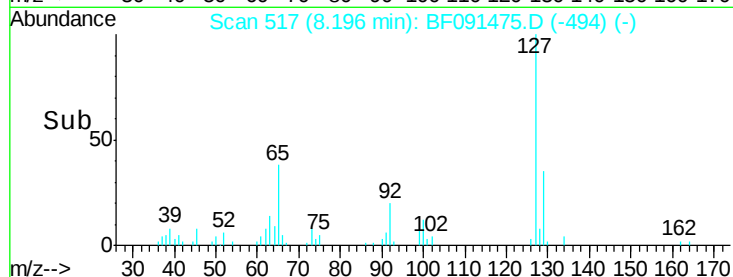
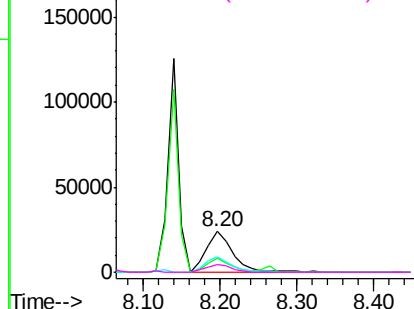
#33
4-Chloroaniline
Concen: 4.85 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.04 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tgt Ion:	127	Resp:	57763
Ion	Ratio	Lower	Upper
127	100		
129	34.9	26.2	39.4
65	38.4	26.6	39.8
92	20.1	15.4	23.0

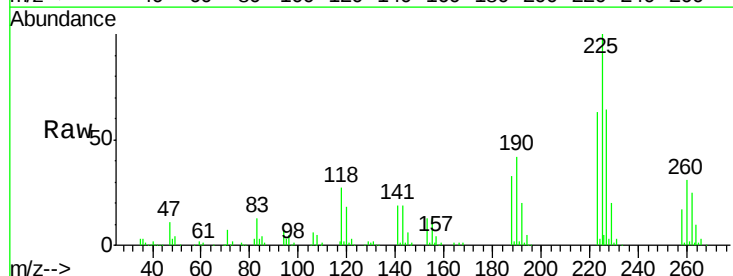


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

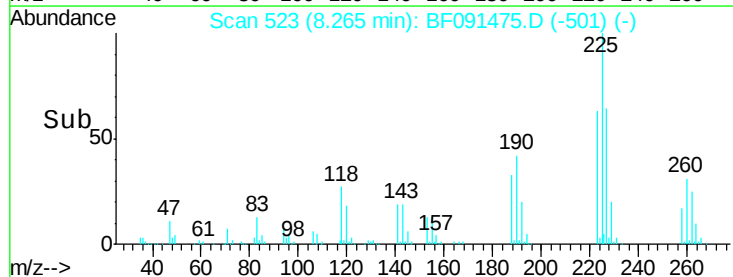
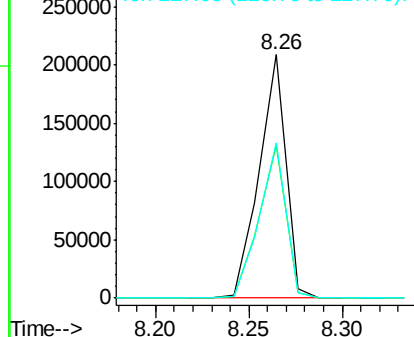


#34
Hexachlorobutadiene
Concen: 37.32 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion:	225	Resp:	206498
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	63.8	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

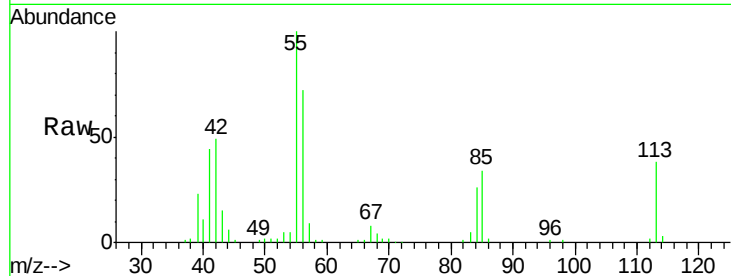




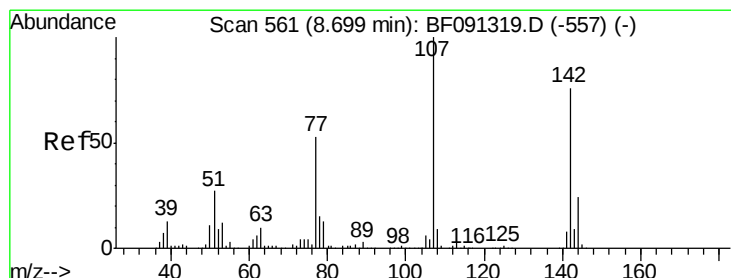
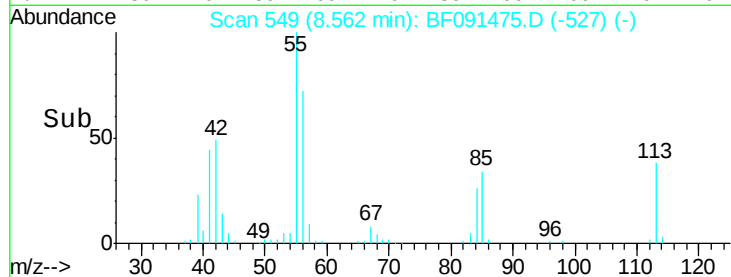
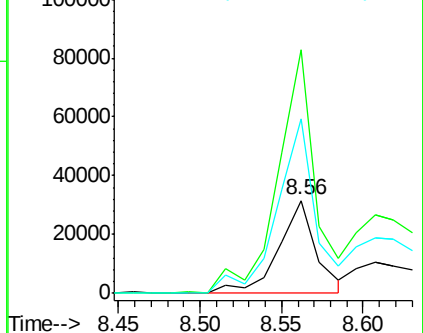
#35
 Caprolactam
 Concen: 21.92 ng
 RT: 8.56 min Scan# 549
 Delta R.T. -0.05 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tgt Ion:113 Resp: 50562
 Ion Ratio Lower Upper
 113 100
 55 262.8 239.8 279.8
 56 188.7 165.6 205.6

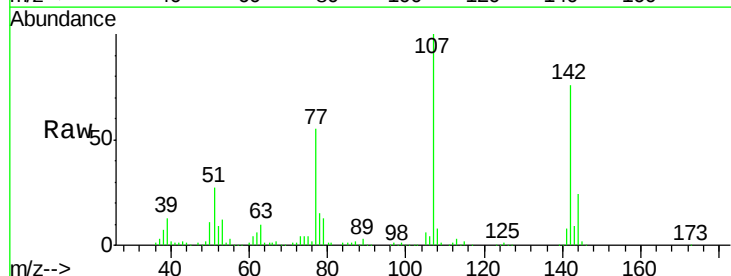


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

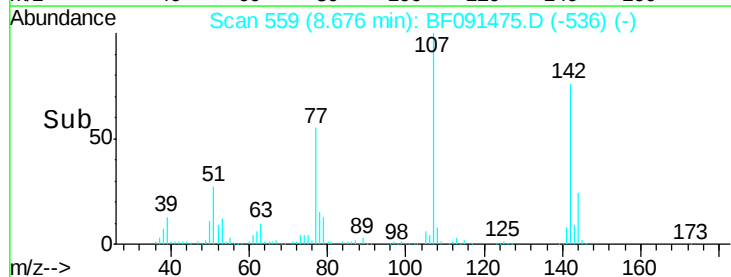
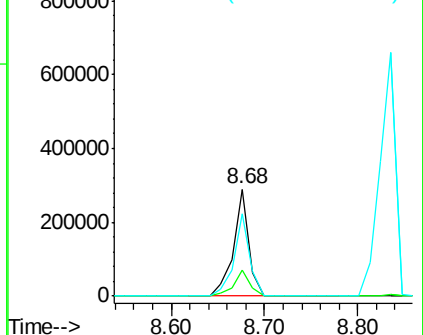


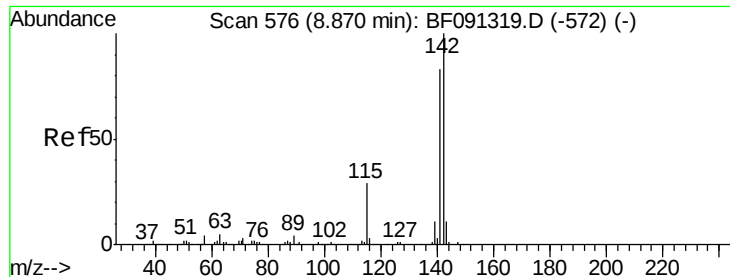
#36
 4-Chloro-3-methylphenol
 Concen: 38.73 ng
 RT: 8.68 min Scan# 559
 Delta R.T. -0.04 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion:107 Resp: 335573
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.9 28.3
 142 76.4 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

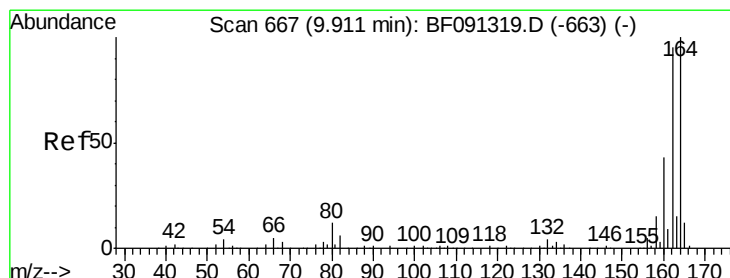
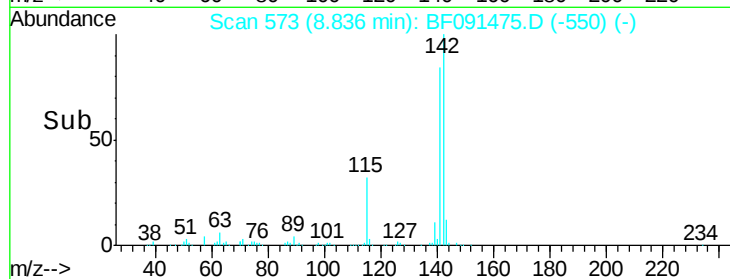
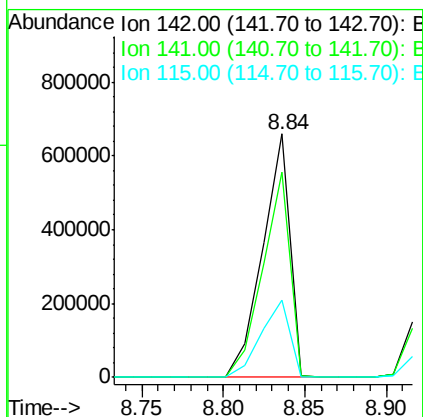
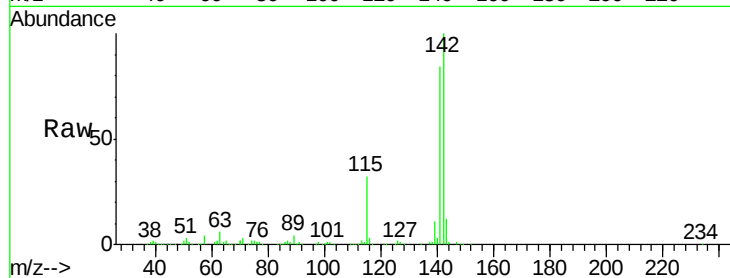




#37
 2-Methylnaphthalene
 Concen: 40.64 ng
 RT: 8.84 min Scan# 573
 Delta R.T. -0.04 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

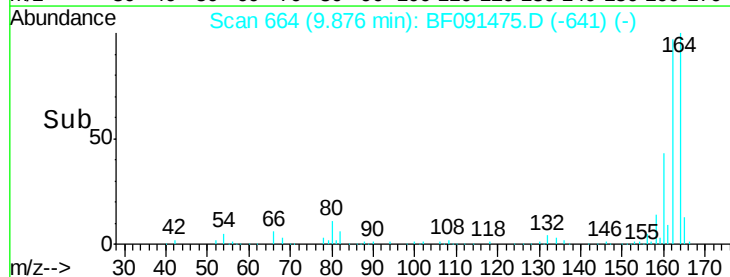
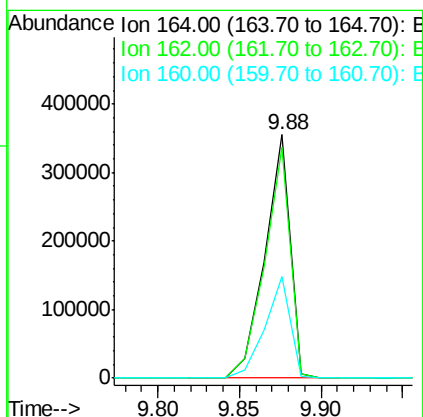
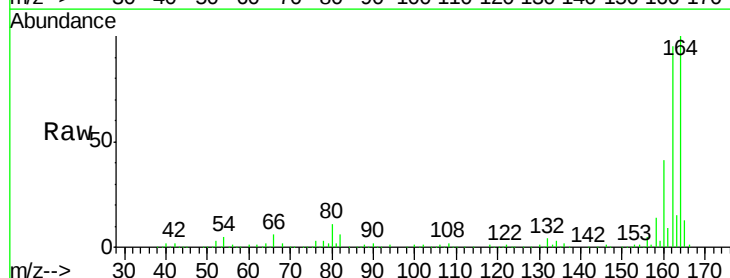
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

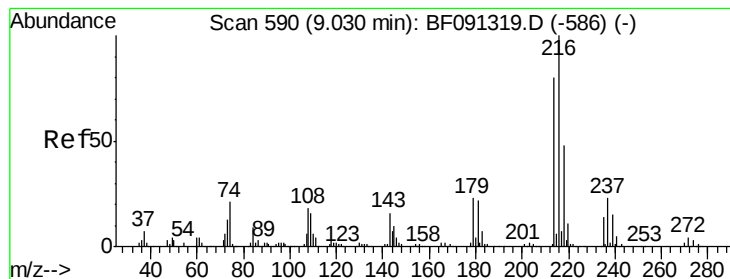
Tgt Ion:142 Resp: 768694
 Ion Ratio Lower Upper
 142 100
 141 84.3 71.7 107.5
 115 31.8 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion:164 Resp: 383017
 Ion Ratio Lower Upper
 164 100
 162 95.1 82.6 124.0
 160 41.5 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.60 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

Tgt Ion:216 Resp: 330455

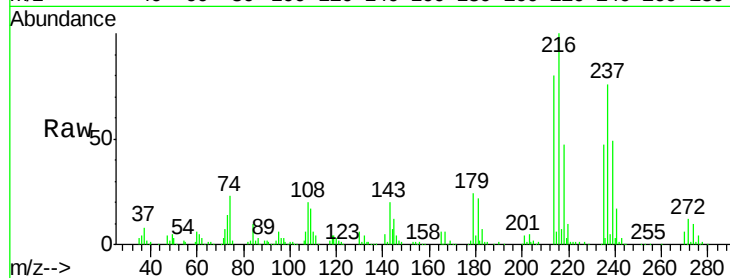
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 21.5 18.2 27.2

108 19.4 17.2 25.8

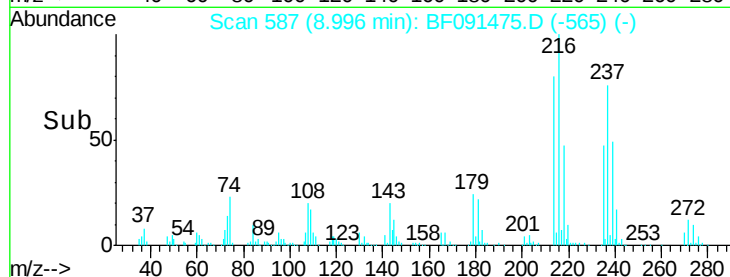


Abundance Ion 216.00 (215.70 to 216.70): E

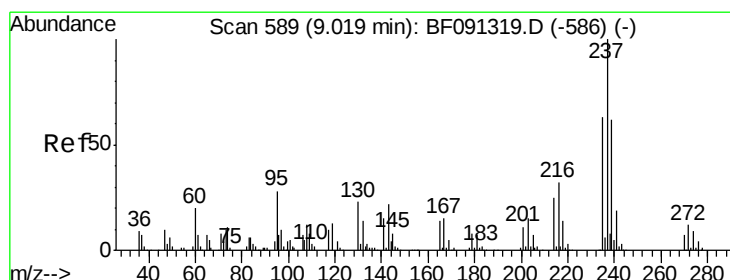
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 77.34 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

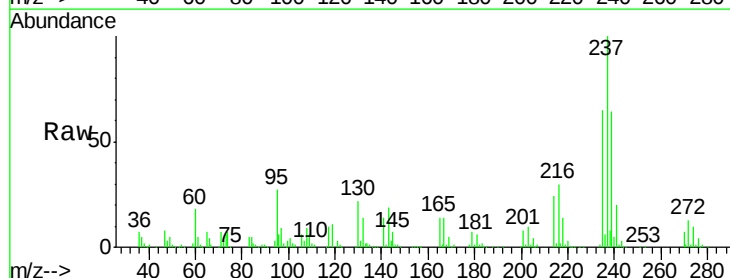
Tgt Ion:237 Resp: 387088

Ion Ratio Lower Upper

237 100

235 65.1 43.9 83.9

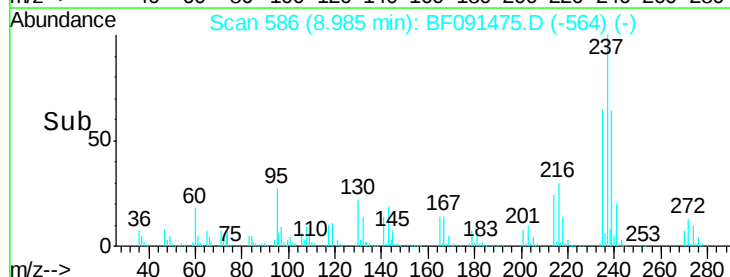
272 12.9 0.0 33.1



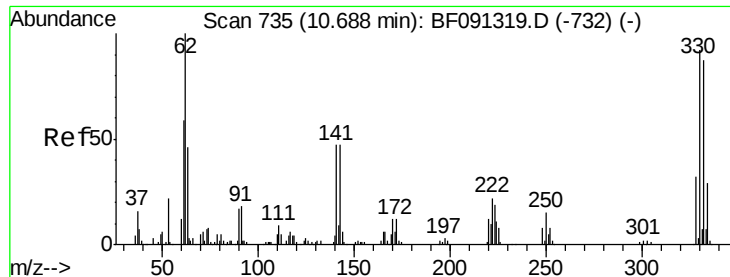
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



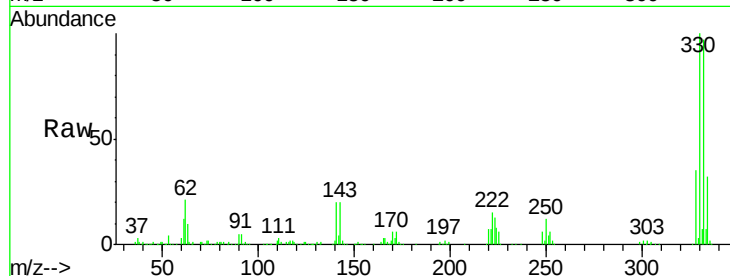
Time-->



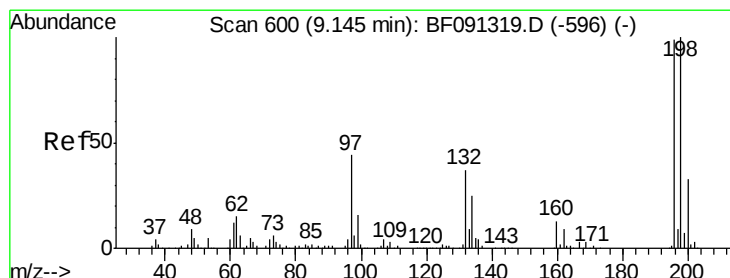
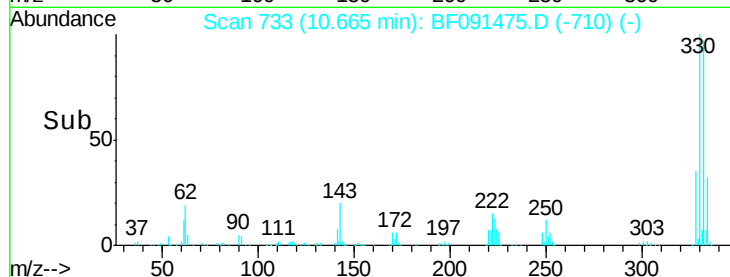
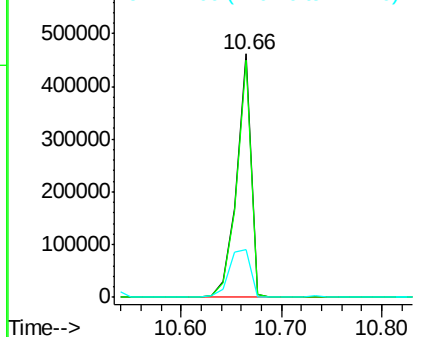
#41
 2,4,6-Tribromophenol
 Concen: 126.60 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.04 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.2	114.4
141	29.2	33.6	50.4

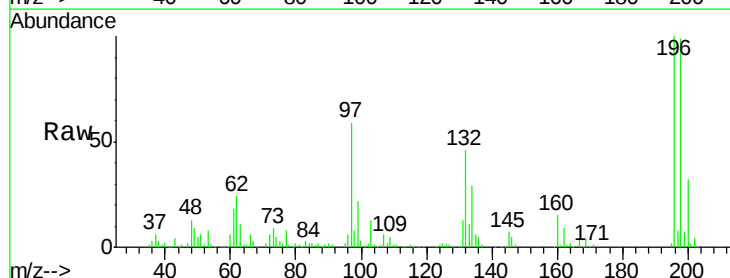


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

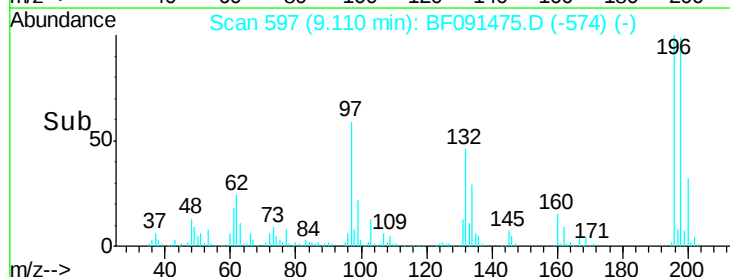
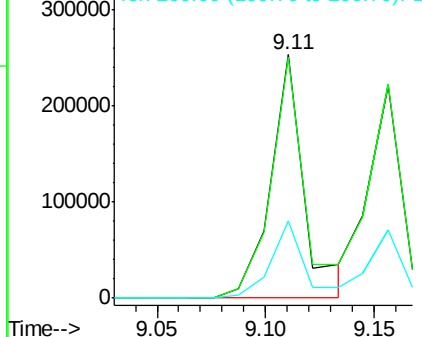


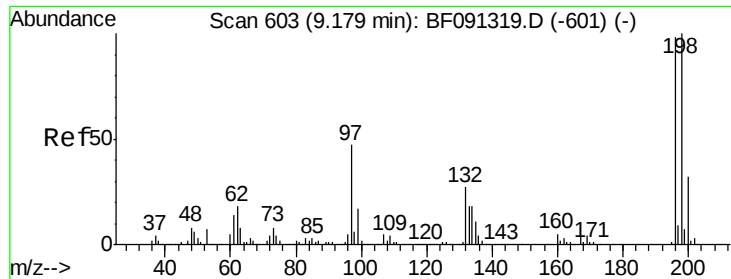
#42
 2,4,6-Trichlorophenol
 Concen: 38.96 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.04 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	77.4	116.0
200	31.5	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

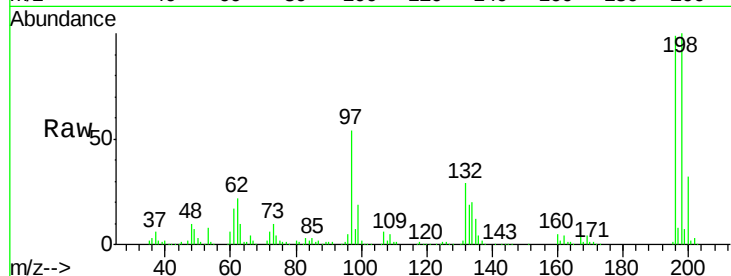




#43
 2,4,5-Trichlorophenol
 Concen: 33.12 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.7	77.0	115.6
97	54.2	33.5	50.3
132	29.6	20.5	30.7



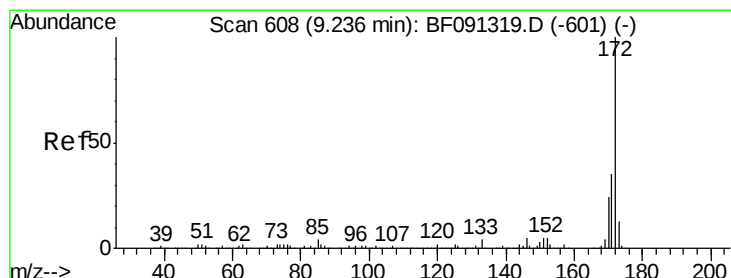
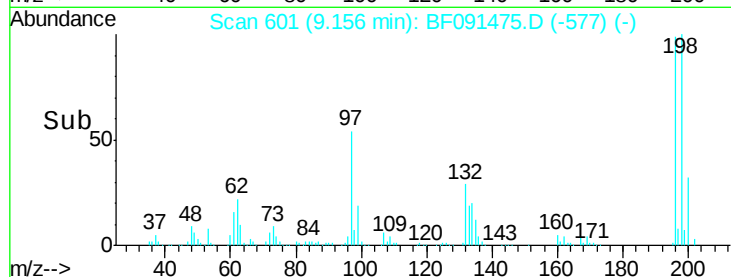
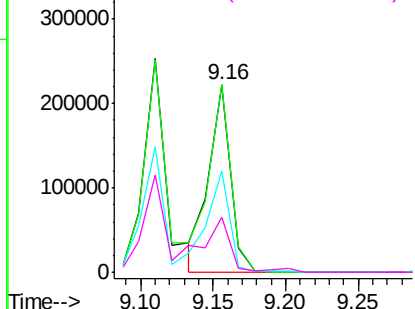
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

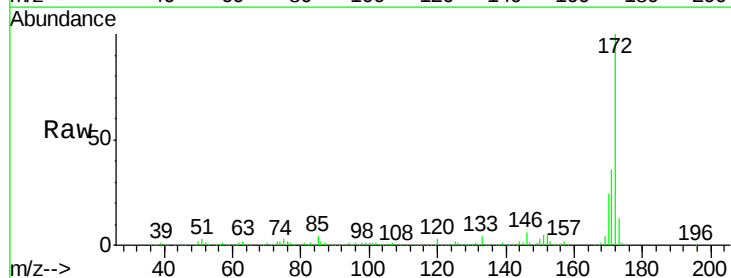
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.86 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.04 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.7	19.7	29.5

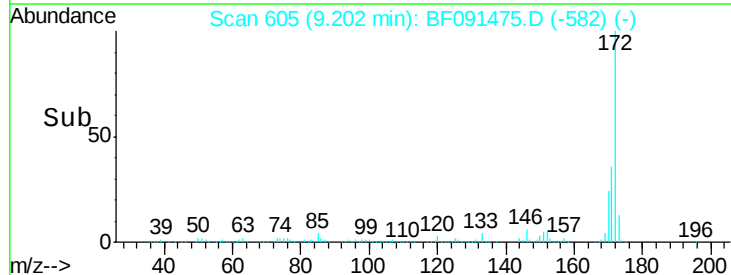
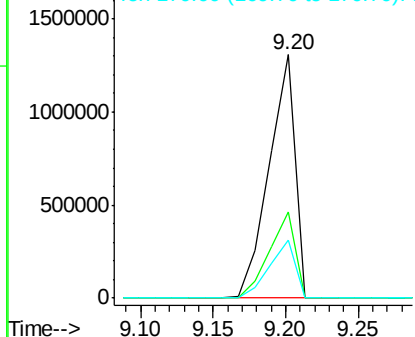


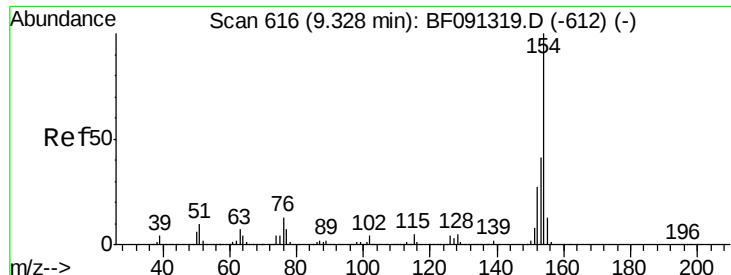
Abundance

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

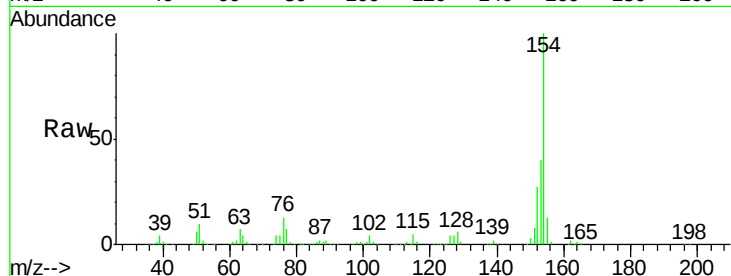




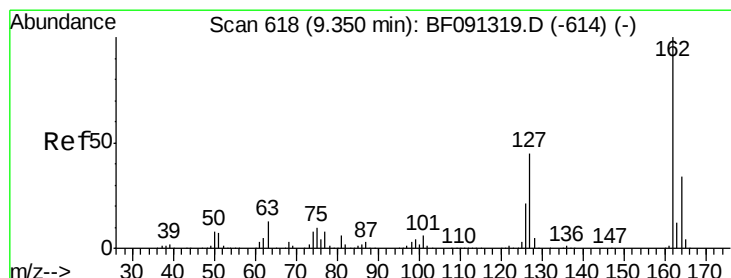
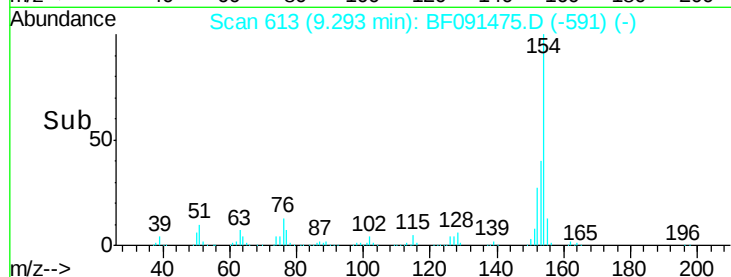
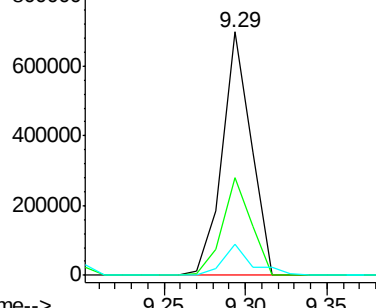
#45
 1,1'-Biphenyl
 Concen: 31.09 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tgt Ion:	154	Resp:	856199
Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	12.6	0.0	36.6

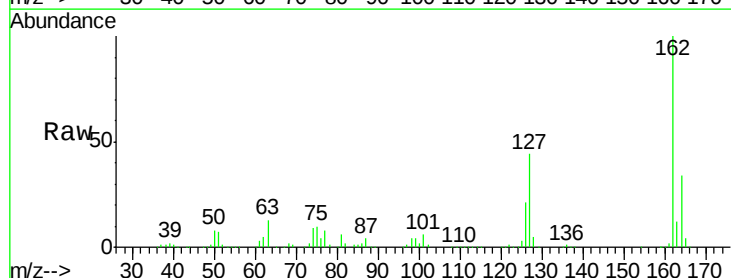


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

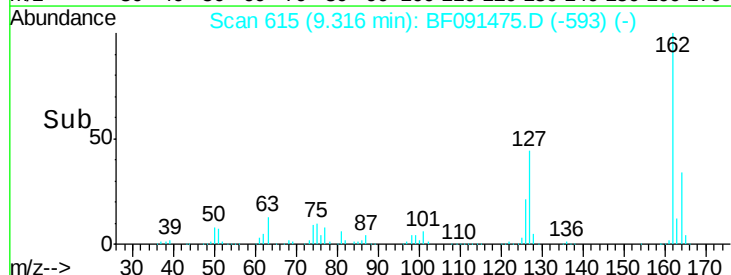
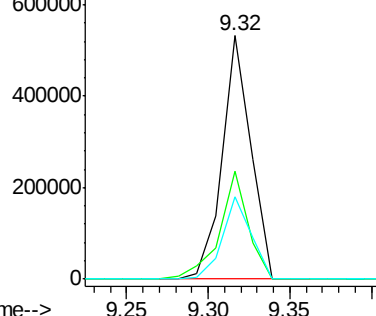


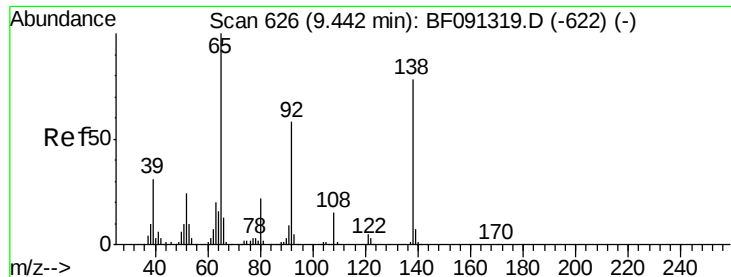
#46
 2-Chloronaphthalene
 Concen: 31.60 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion:	162	Resp:	648189
Ion	Ratio	Lower	Upper
162	100		
127	44.4	34.3	51.5
164	33.6	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

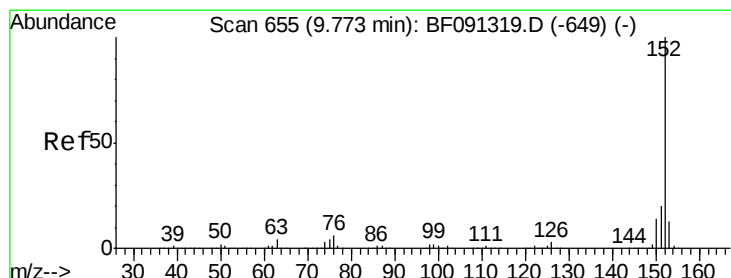
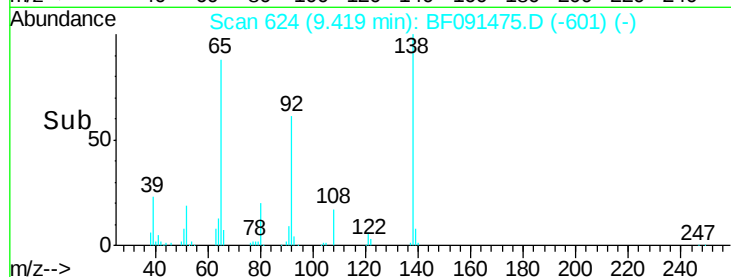
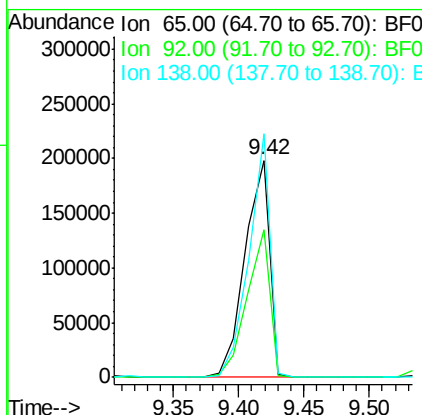
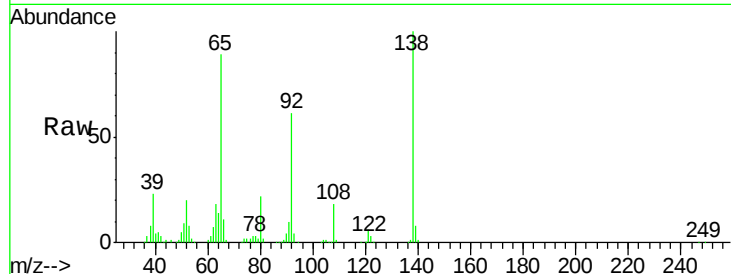




#47
2-Nitroaniline
Concen: 35.41 ng
RT: 9.42 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

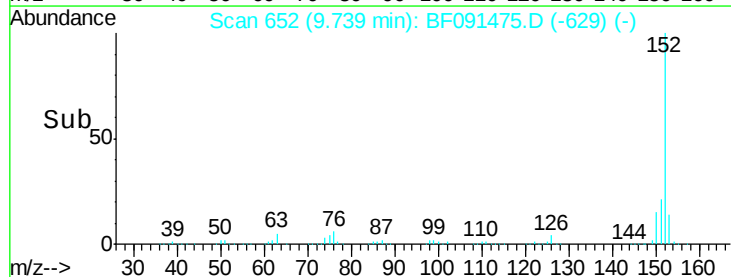
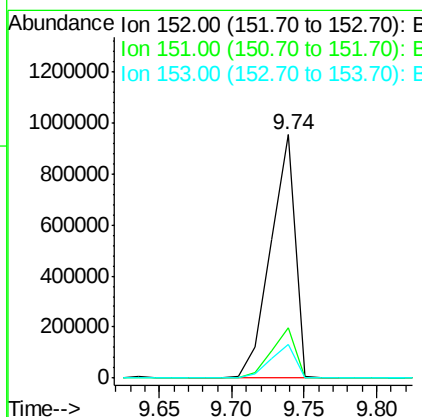
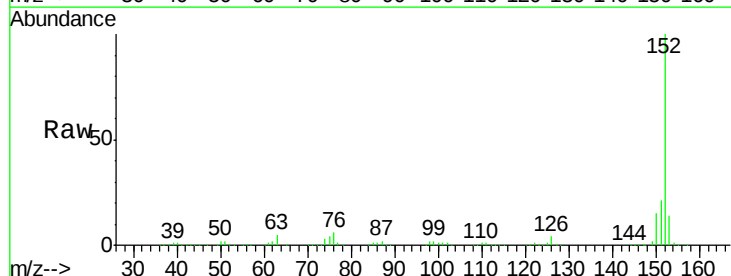
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

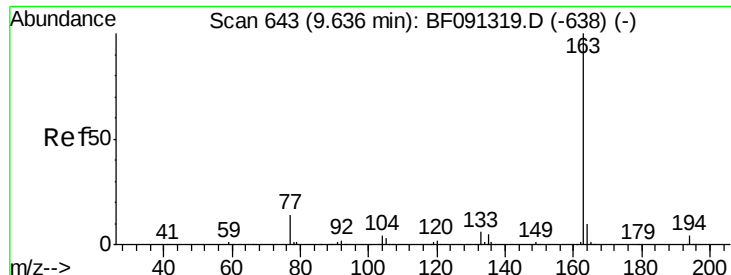
Tgt Ion: 65 Resp: 260833
Ion Ratio Lower Upper
65 100
92 68.0 53.6 80.4
138 112.3 91.0 136.6



#48
Acenaphthylene
Concen: 34.74 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.04 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion: 152 Resp: 1121790
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 13.7 10.7 16.1

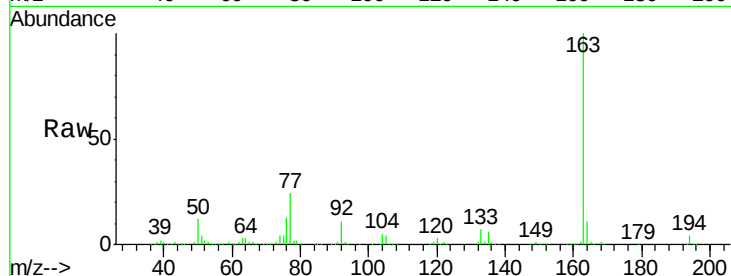




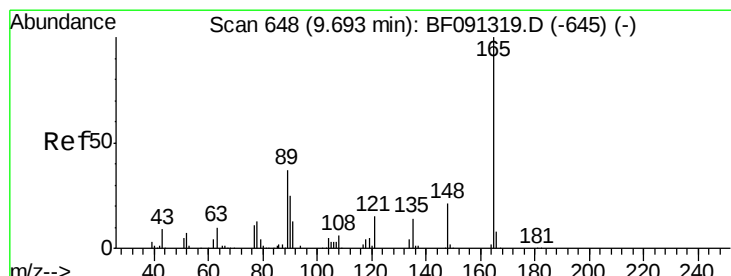
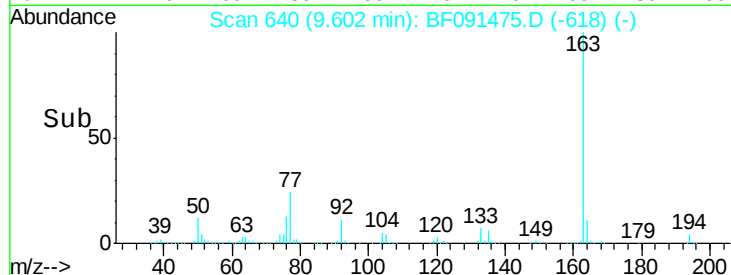
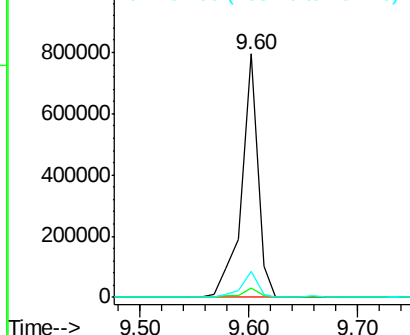
#49
Dimethylphthalate
Concen: 35.24 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tgt Ion:163 Resp: 817323
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.9 7.8 11.8

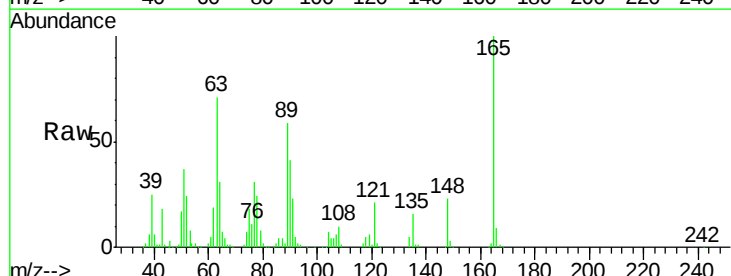


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

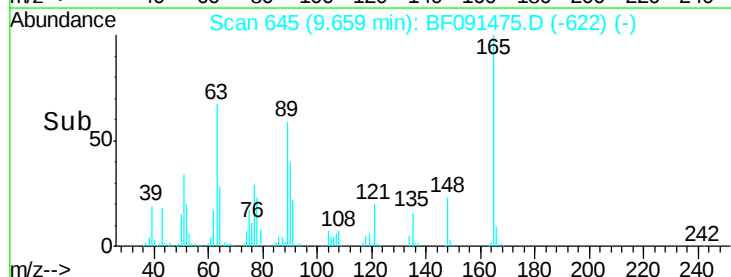
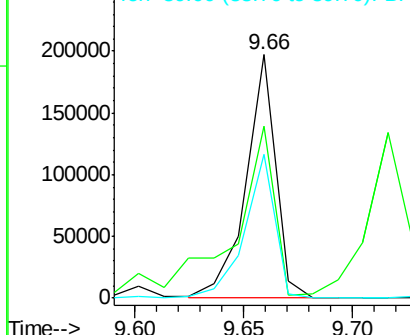


#50
2,6-Dinitrotoluene
Concen: 36.07 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.04 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion:165 Resp: 186973
Ion Ratio Lower Upper
165 100
63 70.8 59.4 89.0
89 59.2 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: 39.57 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

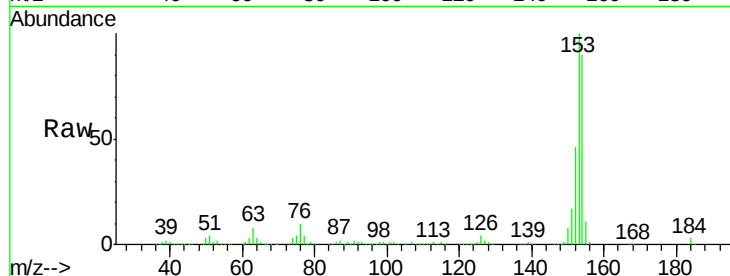
Tgt Ion:154 Resp: 861854

Ion Ratio Lower Upper

154 100

153 110.9 91.0 136.6

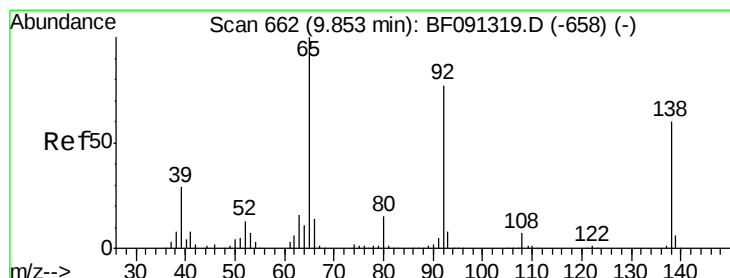
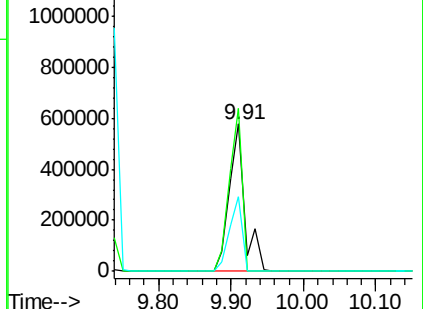
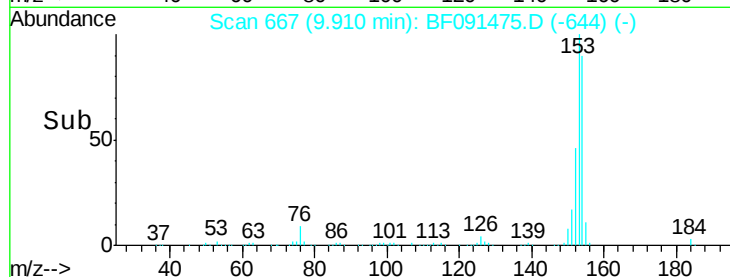
152 50.7 44.2 66.2



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: 8.46 ng

RT: 9.82 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

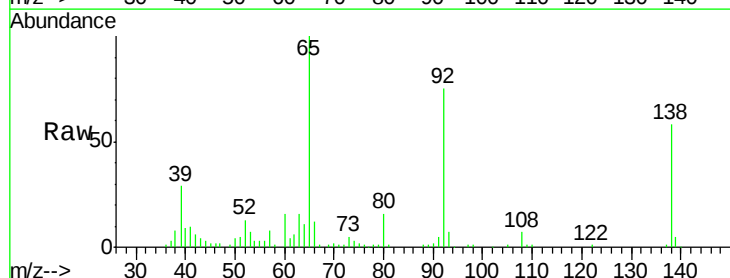
Tgt Ion:138 Resp: 50756

Ion Ratio Lower Upper

138 100

108 11.3 8.1 12.1

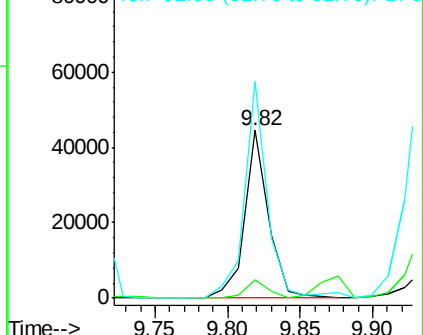
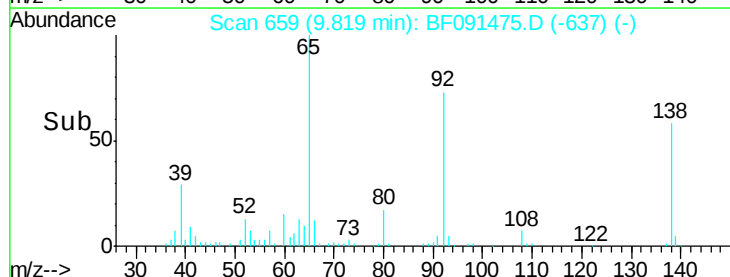
92 129.3 92.5 138.7

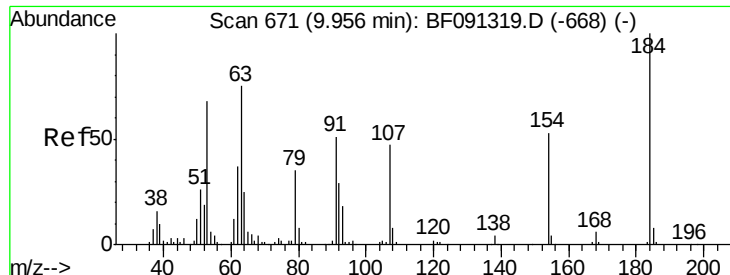


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

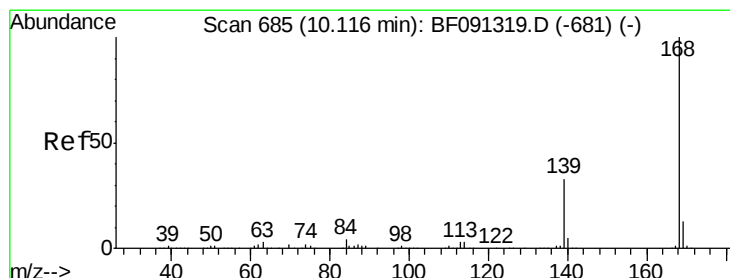
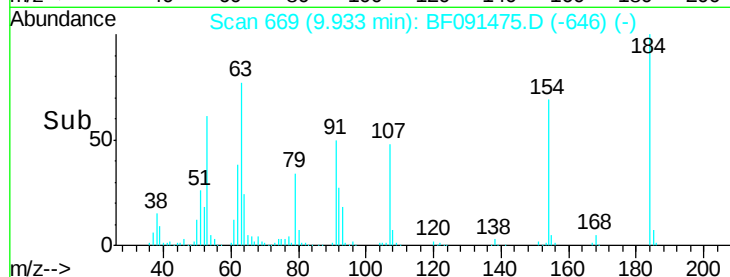
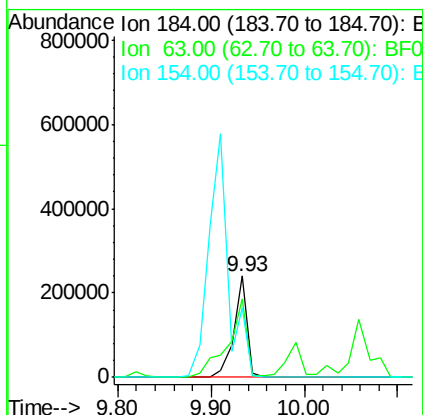
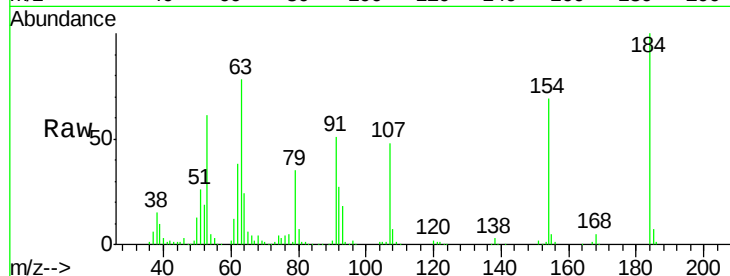




#53
2,4-Dinitrophenol
Concen: 105.18 ng
RT: 9.93 min Scan# 669
Delta R.T. -0.04 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

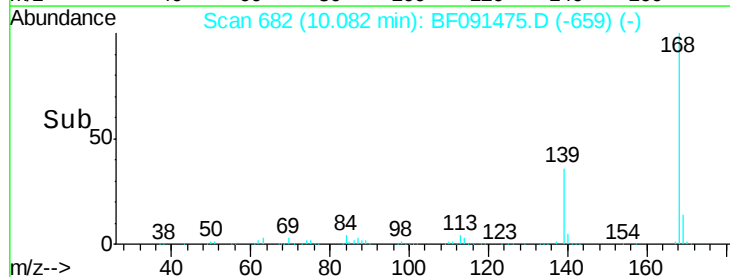
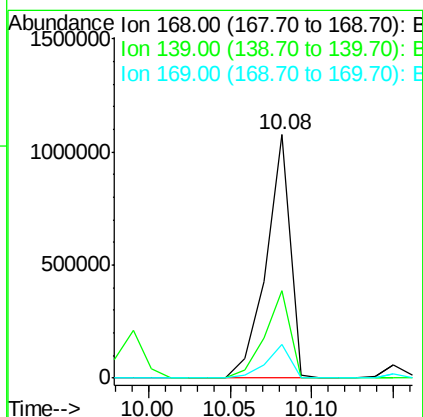
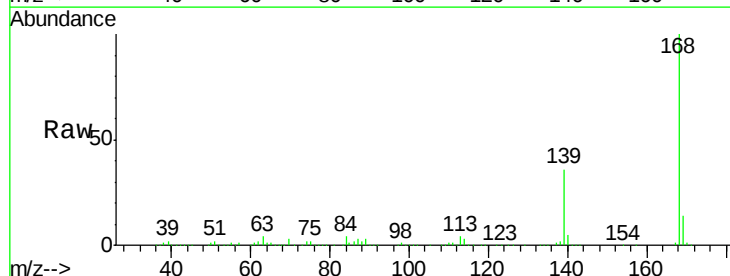
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tgt Ion:184 Resp: 238426
Ion Ratio Lower Upper
184 100
63 77.6 58.3 87.5
154 69.2 48.6 73.0



#54
Dibenzofuran
Concen: 37.70 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.04 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion:168 Resp: 1099405
Ion Ratio Lower Upper
168 100
139 36.1 33.4 50.2
169 13.6 11.1 16.7





#55

4-Nitrophenol

Concen: 56.38 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

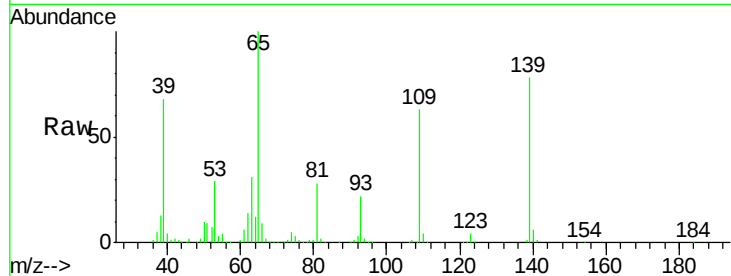
Tgt Ion:139 Resp: 244308

Ion Ratio Lower Upper

139 100

109 81.4 54.9 94.9

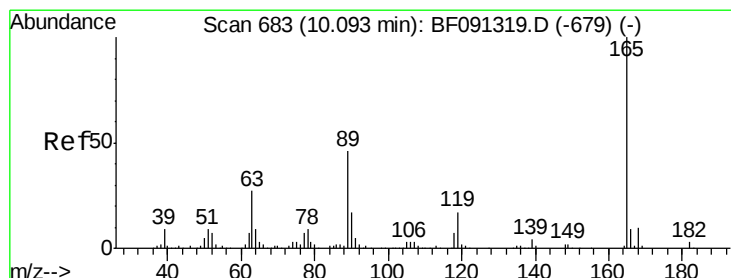
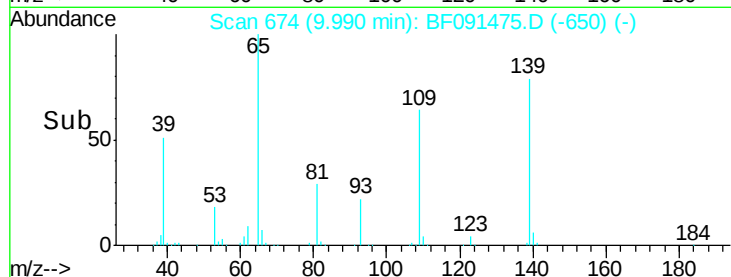
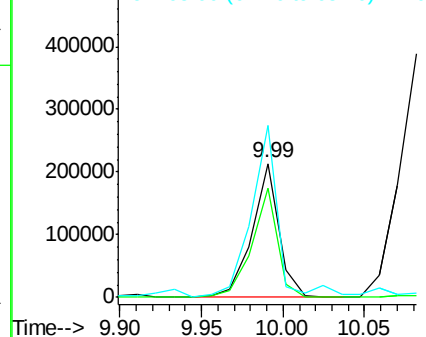
65 128.8 102.2 142.2



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: 35.92 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tgt Ion:165 Resp: 241546

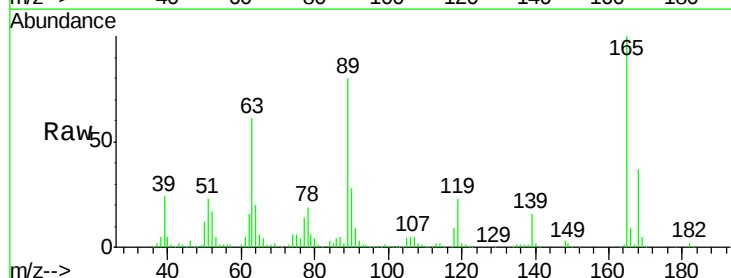
Ion Ratio Lower Upper

165 100

63 61.0 29.0 43.4#

89 79.9 43.1 64.7#

182 2.4 1.9 2.9

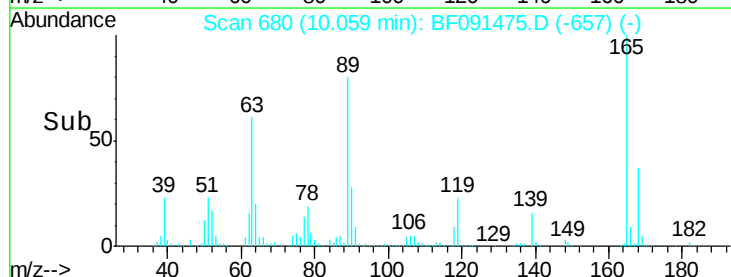
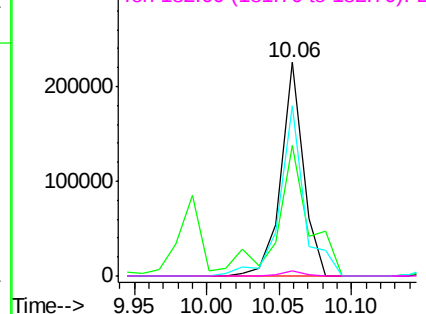


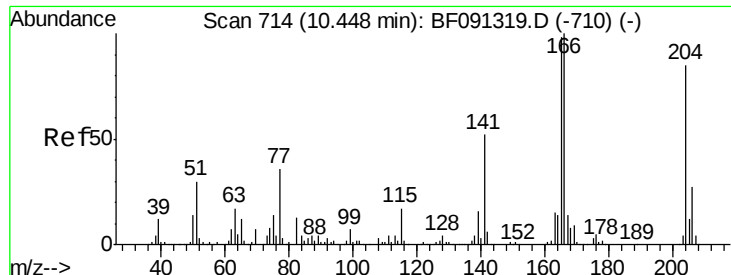
Abundance Ion 165.00 (164.70 to 165.70): E

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

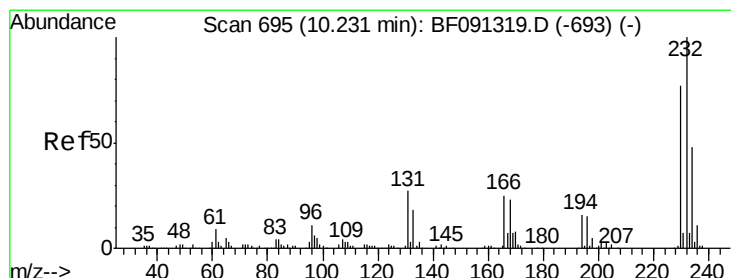
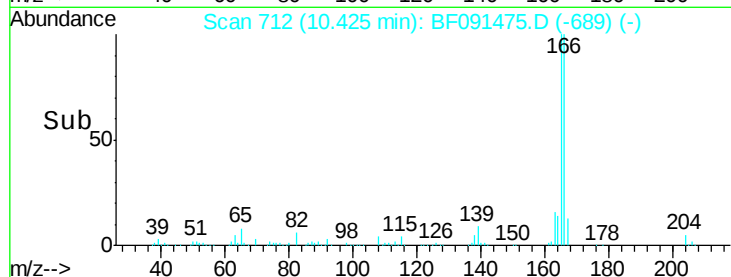
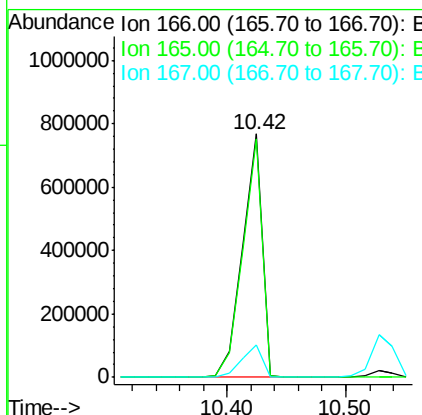
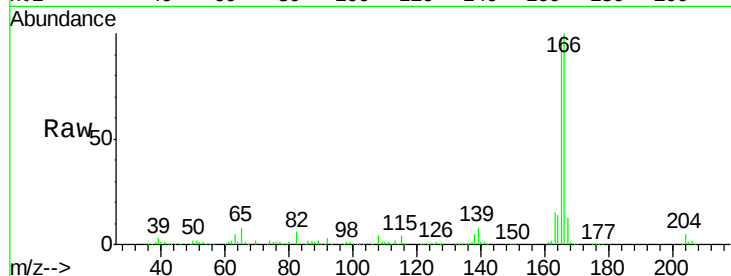




#57
Fluorene
 Concen: 39.59 ng
 RT: 10.42 min Scan# 712
 Delta R.T. -0.04 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

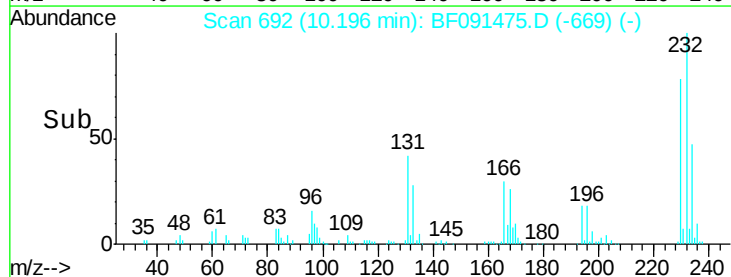
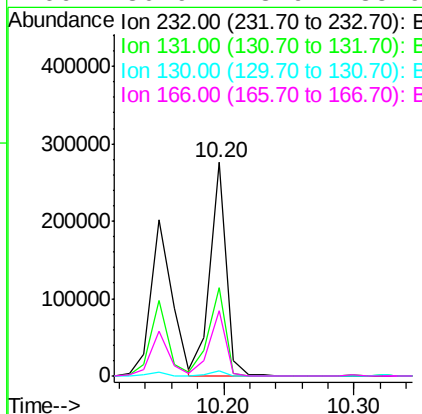
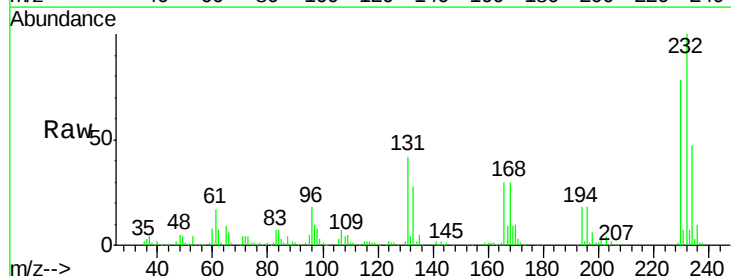
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

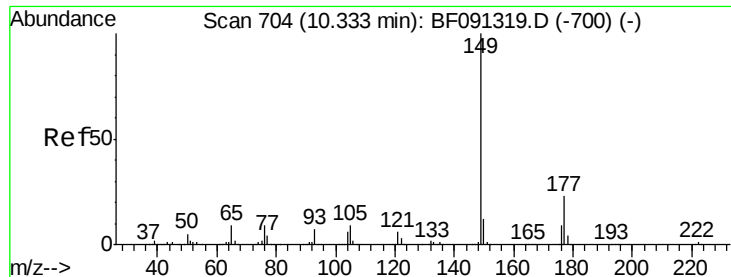
Tgt Ion:166 Resp: 886374
 Ion Ratio Lower Upper
 166 100
 165 97.9 80.0 120.0
 167 13.2 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.88 ng
 RT: 10.20 min Scan# 692
 Delta R.T. -0.04 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion:232 Resp: 239473
 Ion Ratio Lower Upper
 232 100
 131 43.9 38.4 57.6
 130 2.2 1.8 2.8
 166 30.9 23.9 35.9

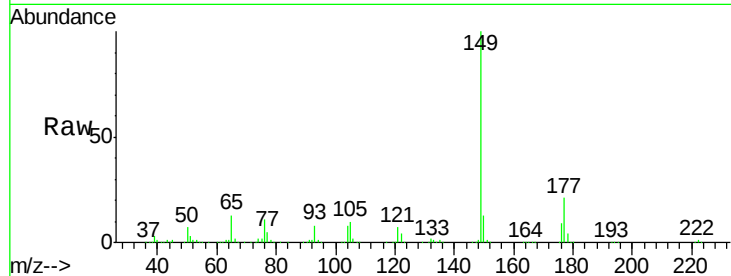




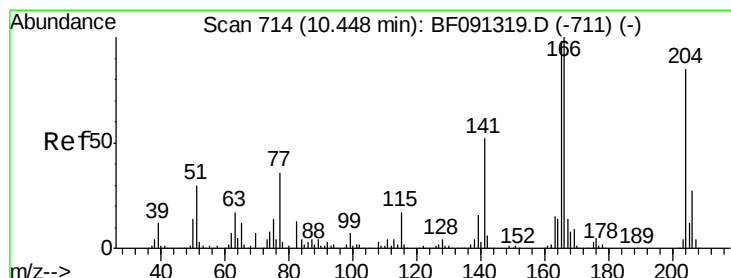
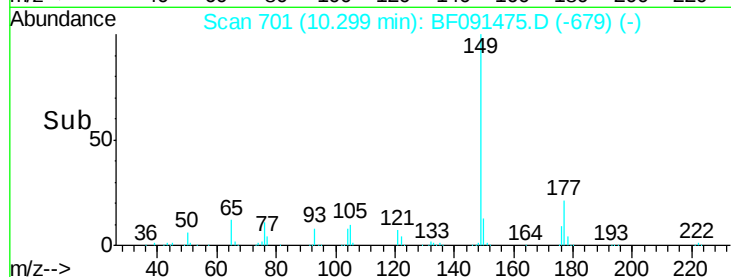
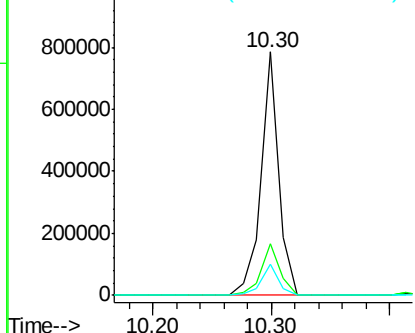
#59
Diethylphthalate
Concen: 35.79 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tgt Ion:149 Resp: 819389
Ion Ratio Lower Upper
149 100
177 21.4 15.7 23.5
150 12.8 10.2 15.2

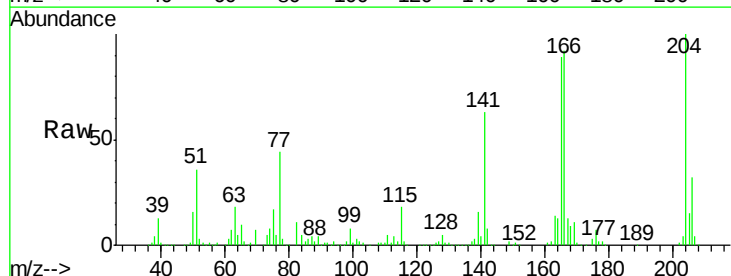


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

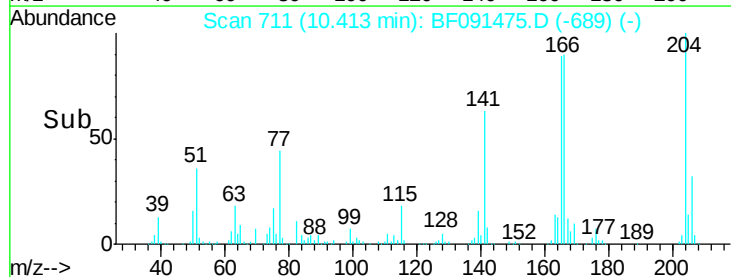
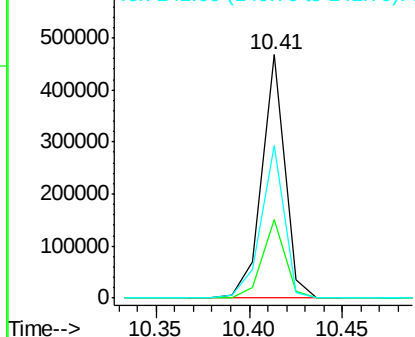


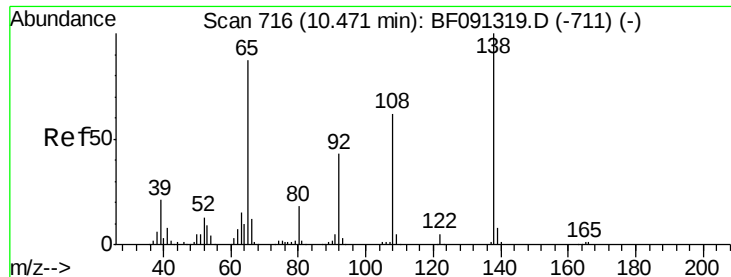
#60
4-Chlorophenyl-phenylether
Concen: 35.27 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.05 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion:204 Resp: 396036
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 63.0 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: 21.67 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

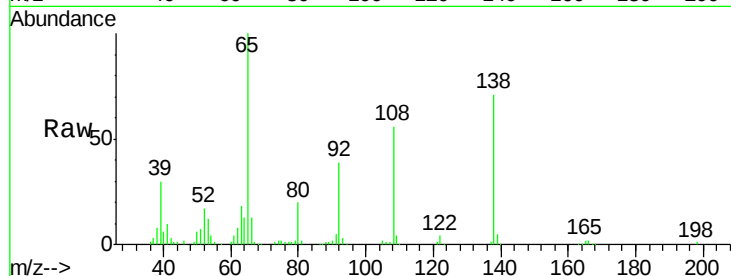
Tgt Ion:138 Resp: 122099

Ion Ratio Lower Upper

138 100

92 55.1 26.9 66.9

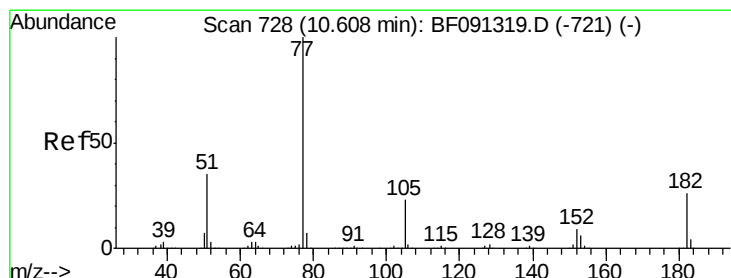
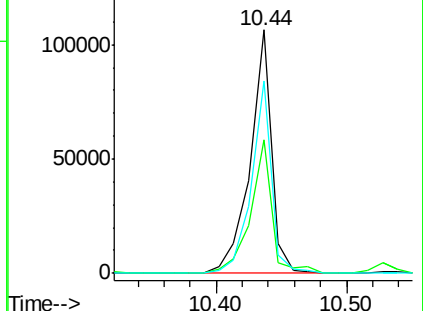
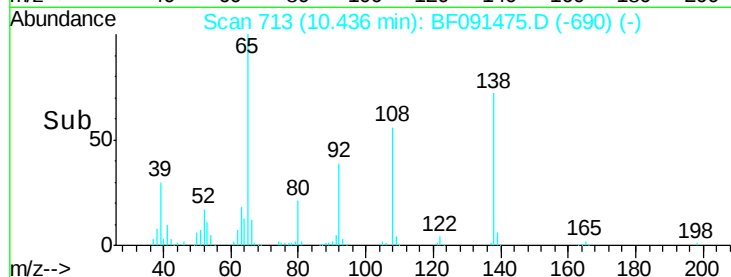
108 79.2 49.1 89.1



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: 37.42 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tgt Ion: 77 Resp: 874093

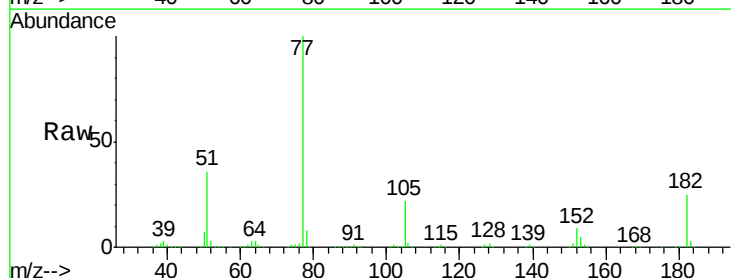
Ion Ratio Lower Upper

77 100

182 25.2 12.5 52.5

105 22.0 3.7 43.7

51 36.1 11.9 51.9

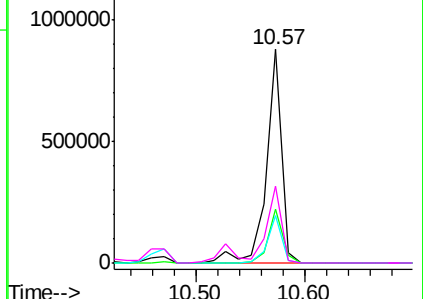
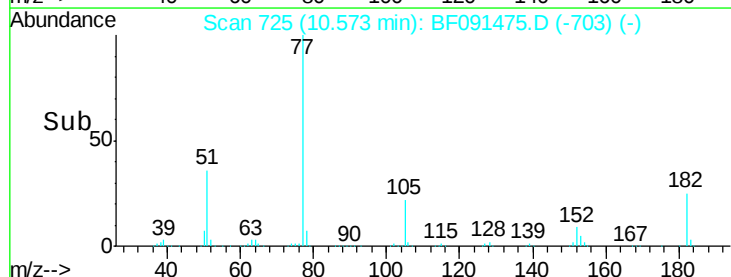


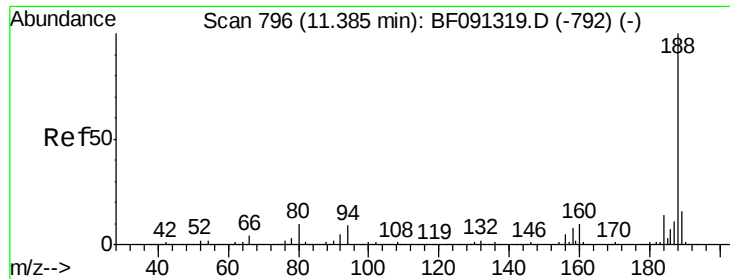
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

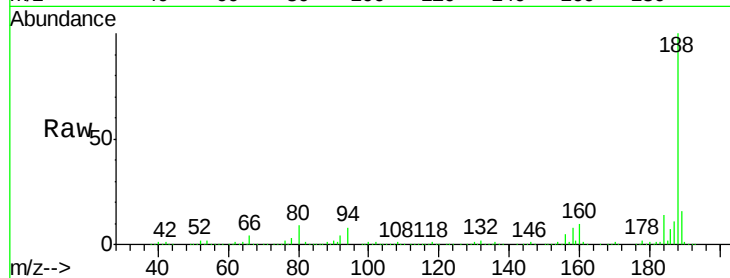




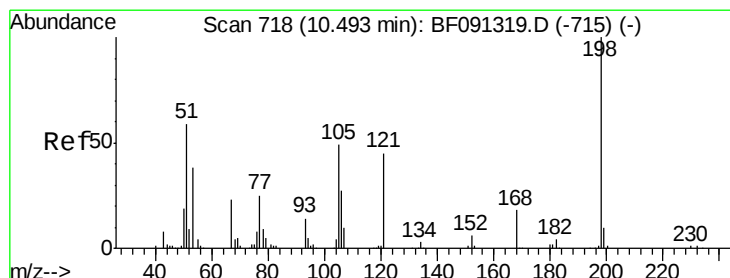
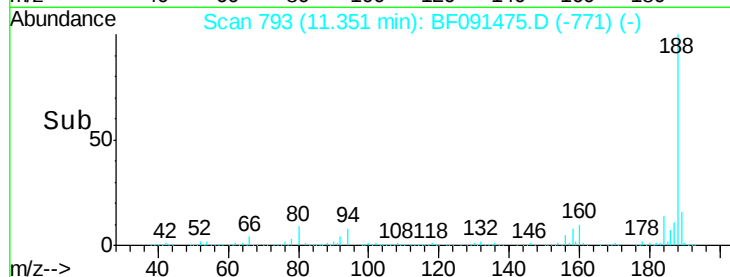
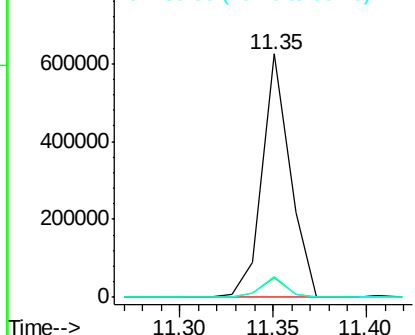
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.05 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tgt Ion:188 Resp: 646367
 Ion Ratio Lower Upper
 188 100
 94 8.1 9.2 13.8#
 80 8.7 10.5 15.7#

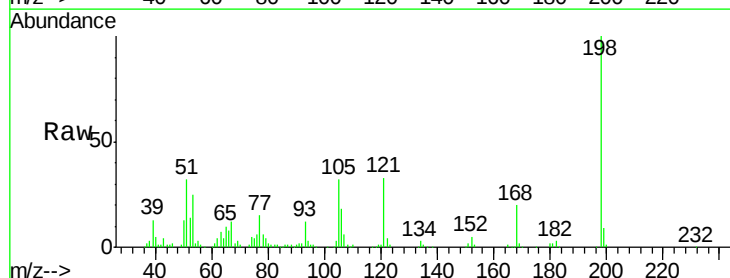


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

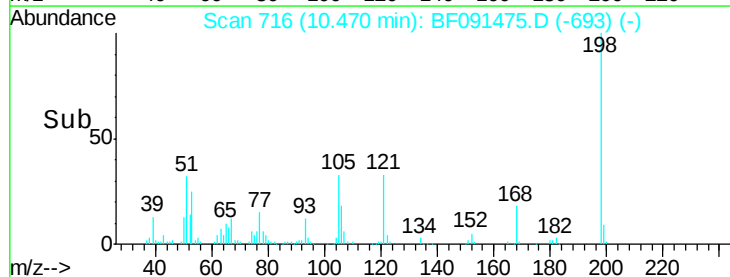
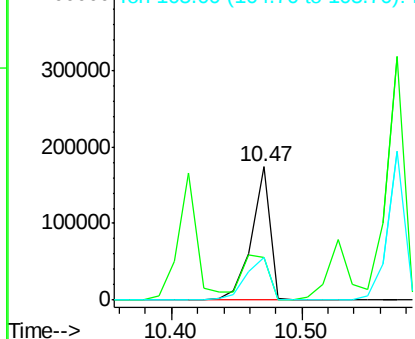


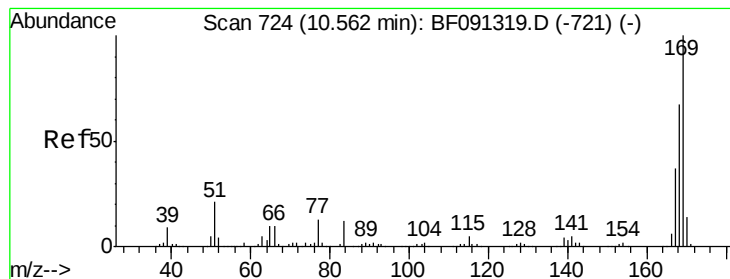
#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.63 ng
 RT: 10.47 min Scan# 716
 Delta R.T. -0.04 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion:198 Resp: 173169
 Ion Ratio Lower Upper
 198 100
 51 32.0 77.1 117.1#
 105 32.3 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: 25.34 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

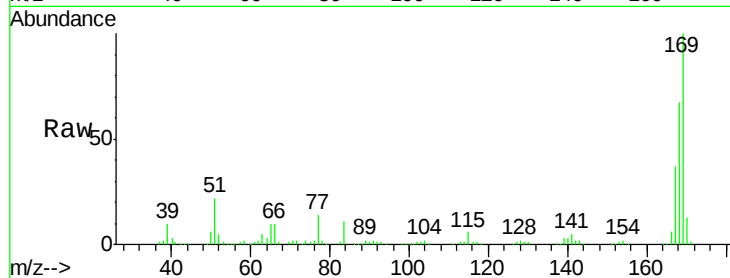
Tgt Ion:169 Resp: 496551

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.8

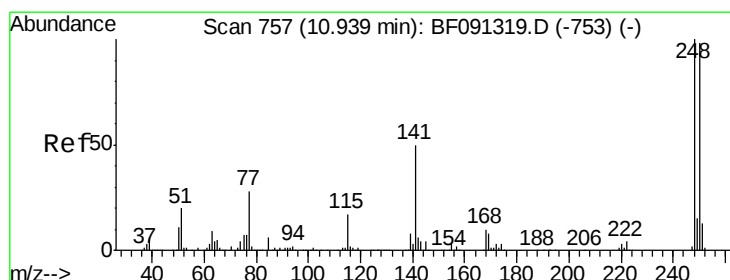
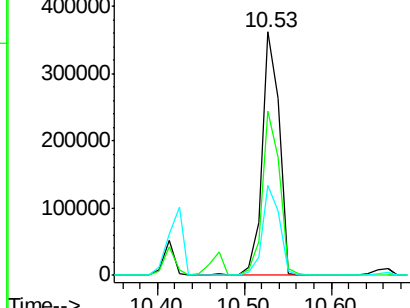
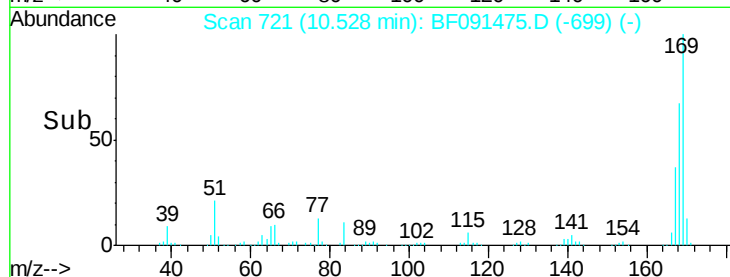
167 37.2 29.8 44.8



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: 42.35 ng

RT: 10.90 min Scan# 754

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

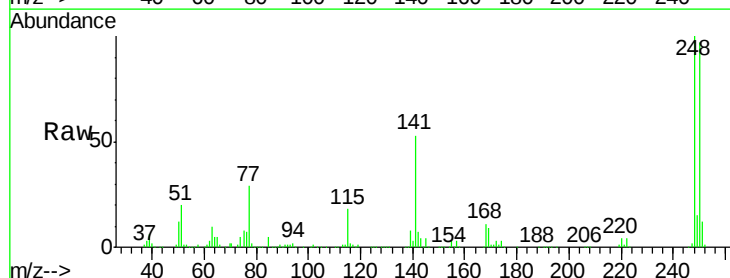
Tgt Ion:248 Resp: 294242

Ion Ratio Lower Upper

248 100

250 96.6 78.2 117.4

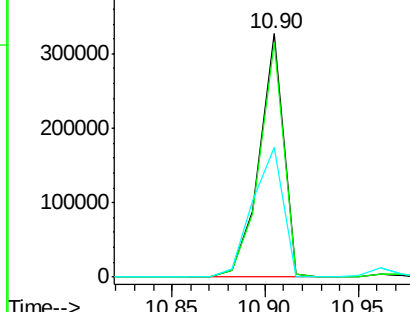
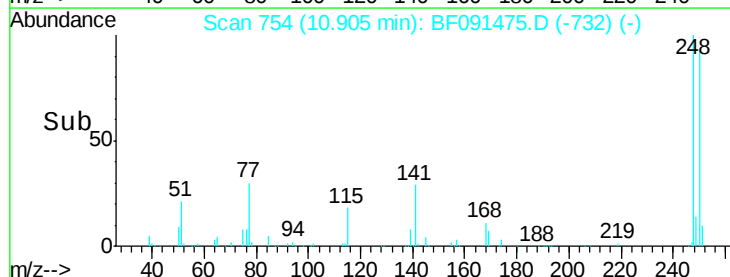
141 53.5 71.9 107.9#



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

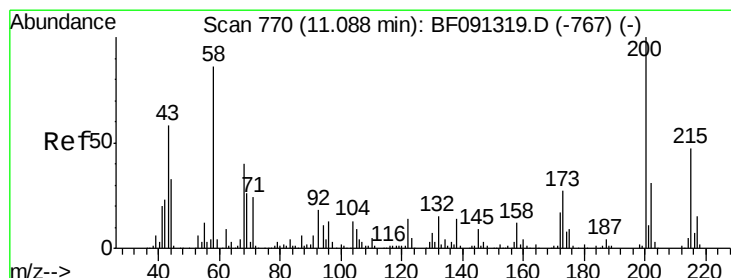
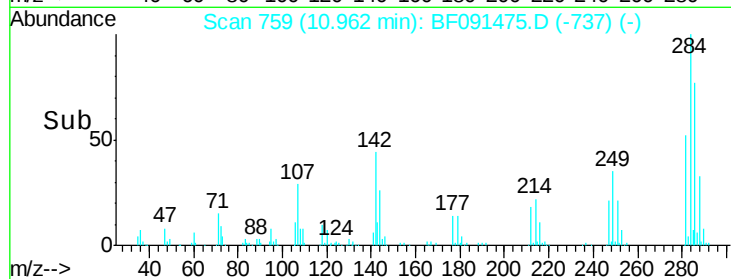
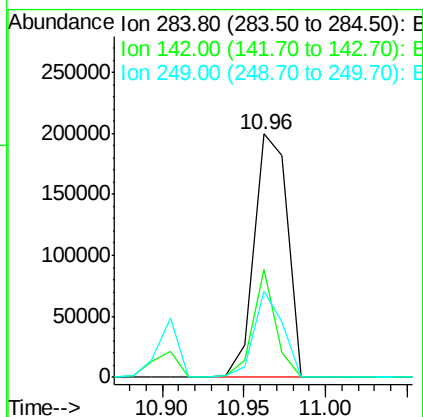
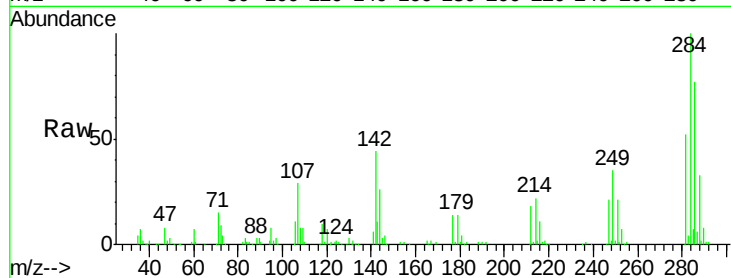




#67
Hexachlorobenzene
Concen: 37.46 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

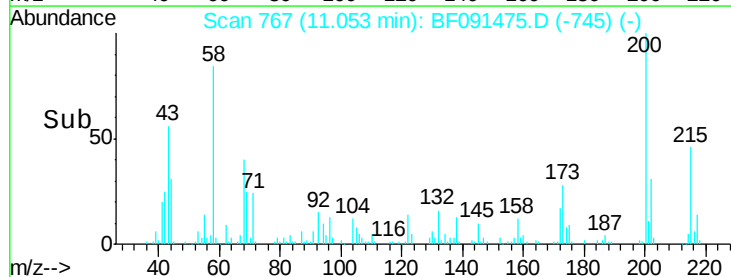
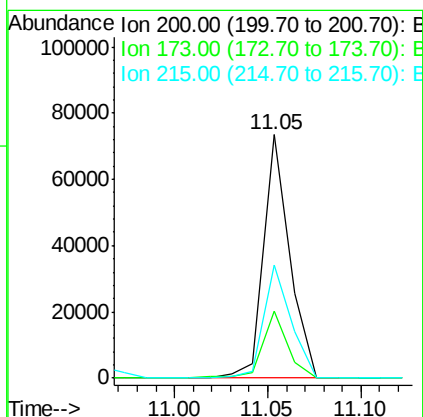
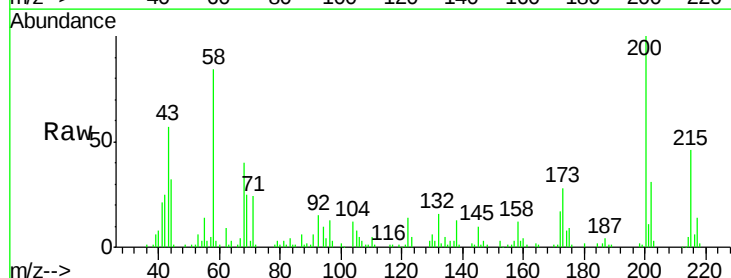
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

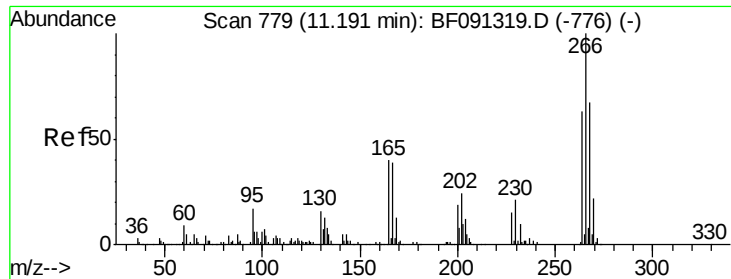
Tgt Ion:284 Resp: 281244
Ion Ratio Lower Upper
284 100
142 44.2 17.9 26.9#
249 35.2 23.6 35.4



#68
Atrazine
Concen: 11.32 ng
RT: 11.05 min Scan# 767
Delta R.T. -0.05 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion:200 Resp: 71832
Ion Ratio Lower Upper
200 100
173 27.7 7.8 47.8
215 46.5 24.3 64.3

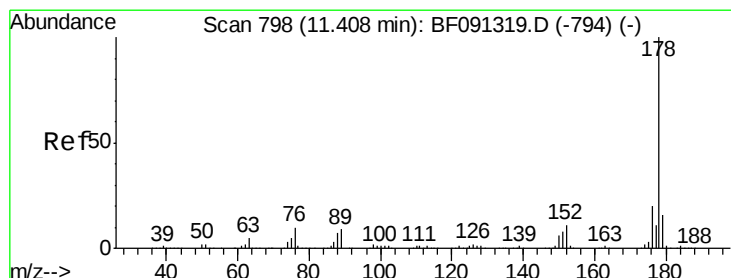
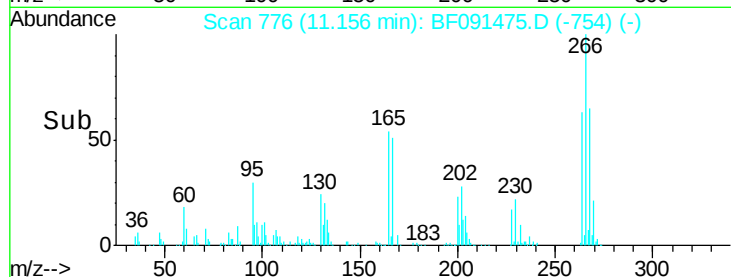
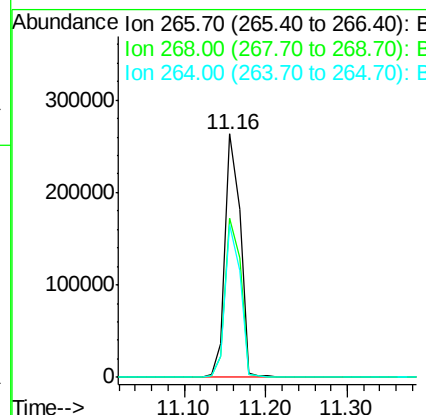
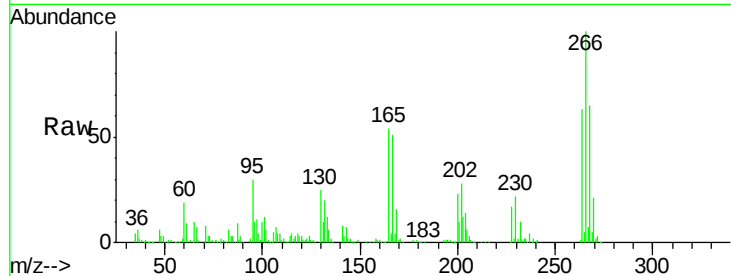




#69
 Pentachlorophenol
 Concen: 76.85 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

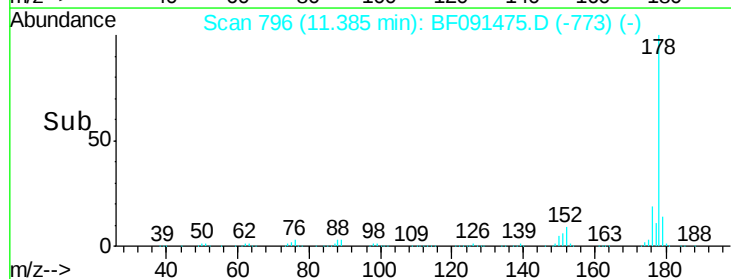
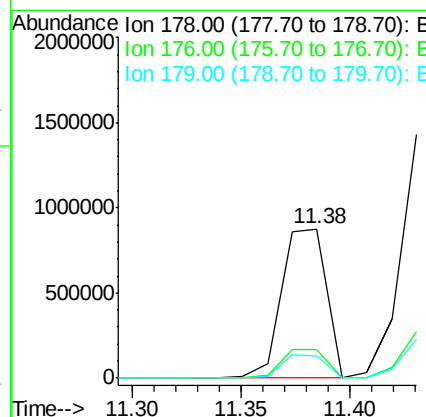
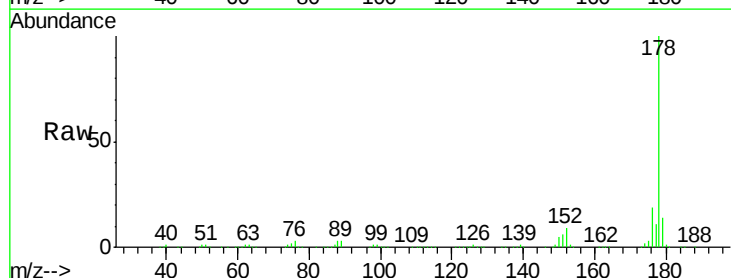
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

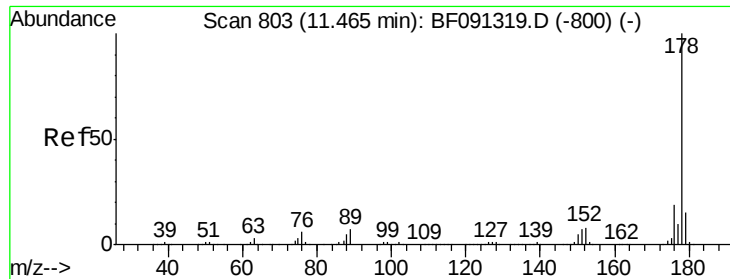
Tgt Ion:266 Resp: 339653
 Ion Ratio Lower Upper
 266 100
 268 65.3 50.3 75.5
 264 62.9 48.2 72.2



#70
 Phenanthrene
 Concen: 37.50 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion:178 Resp: 1259443
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.9 23.9
 179 14.5 12.6 18.8

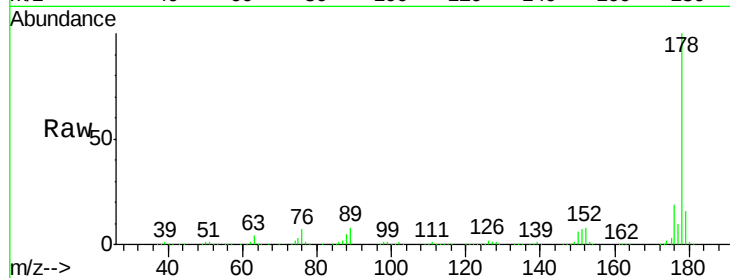




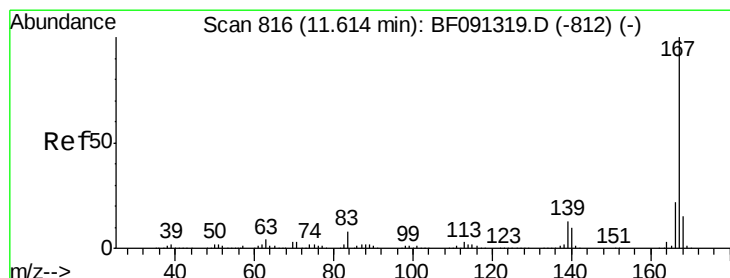
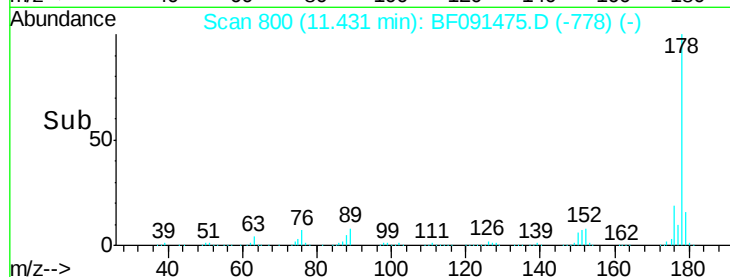
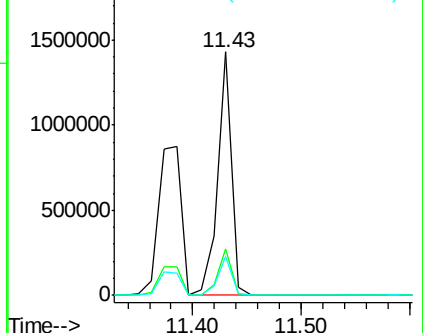
#71
 Anthracene
 Concen: 38.39 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.05 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tgt Ion:178 Resp: 1279509
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.6
 179 16.0 12.7 19.1

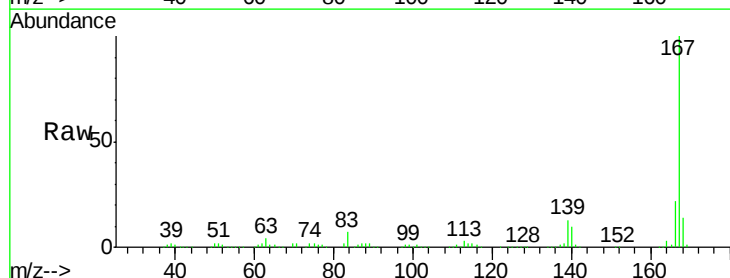


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

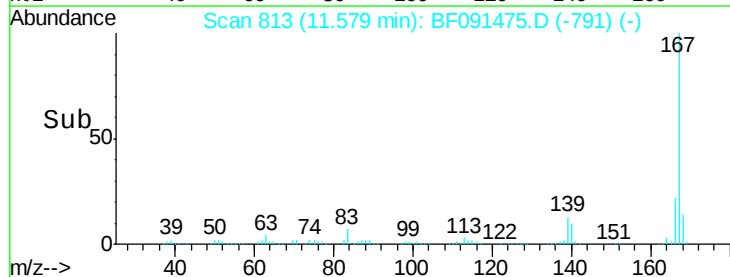
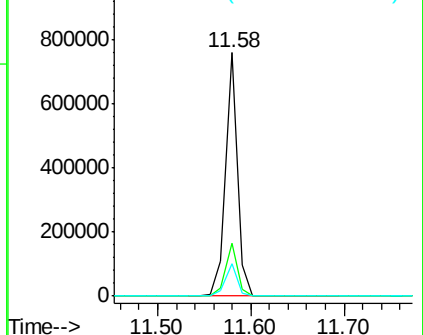


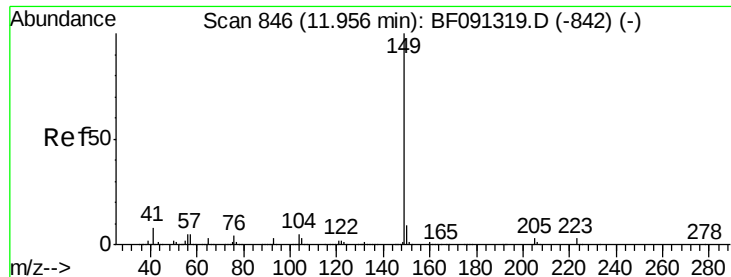
#72
 Carbazole
 Concen: 22.22 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion:167 Resp: 672097
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.1 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: 41.77 ng

RT: 11.92 min Scan# 843

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

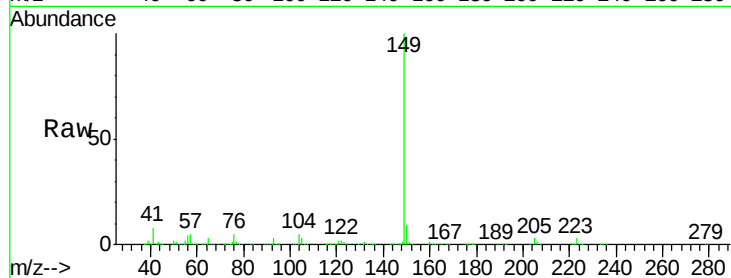
Tgt Ion:149 Resp: 1431930

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

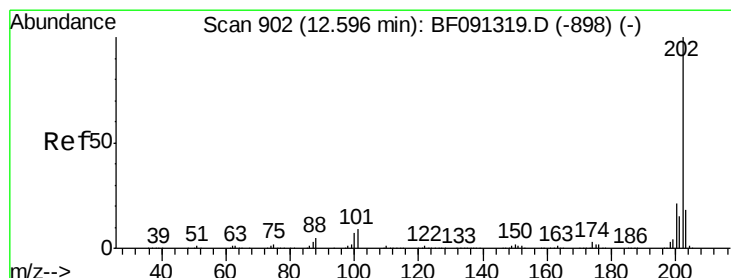
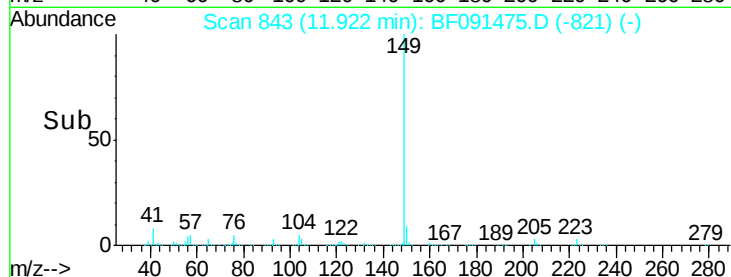
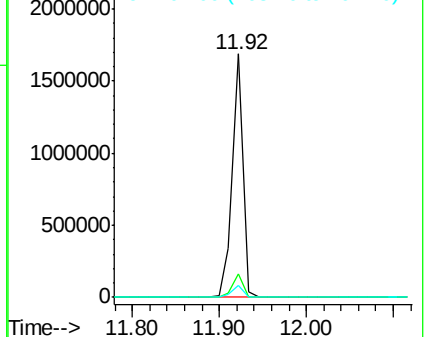
104 4.8 4.0 6.0



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: 39.93 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

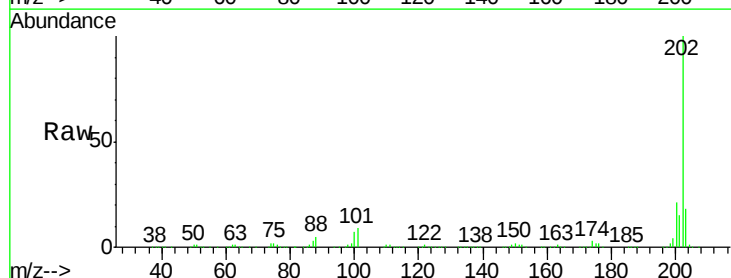
Tgt Ion:202 Resp: 1270414

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.5

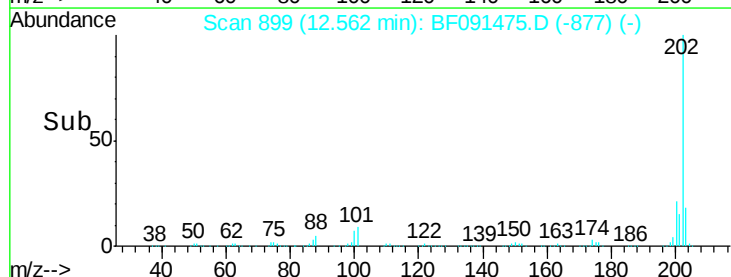
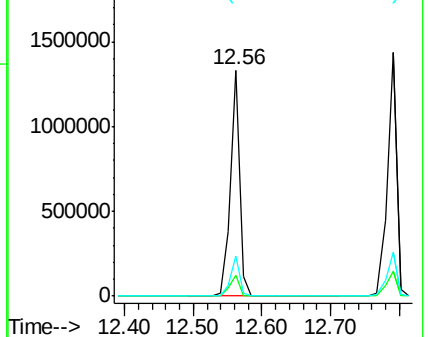
203 17.8 0.0 37.8

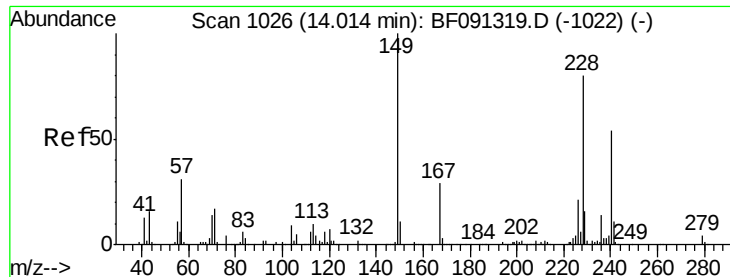


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

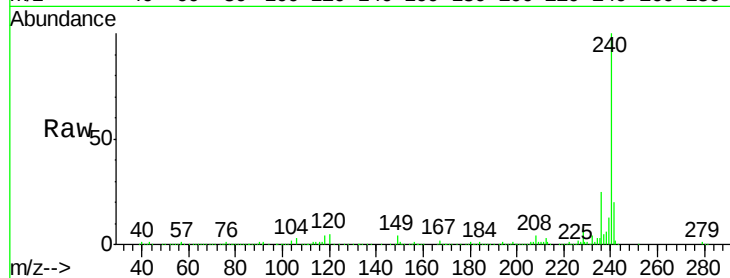
Tgt Ion:240 Resp: 495305

Ion Ratio Lower Upper

240 100

120 4.6 12.1 18.1#

236 24.9 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

600000

500000

400000

300000

200000

100000

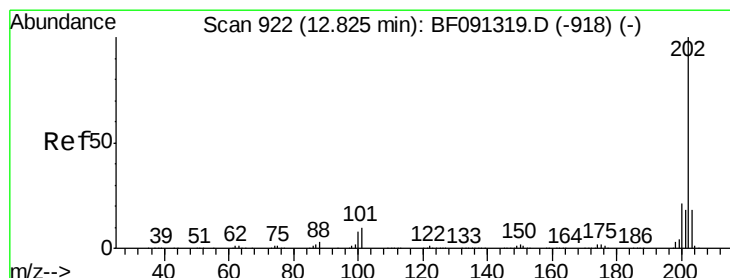
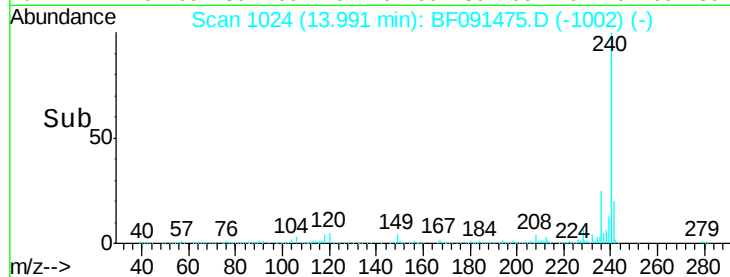
0

13.99

14.00

14.10

Time-->



#77

Pyrene

Concen: 35.58 ng

RT: 12.79 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

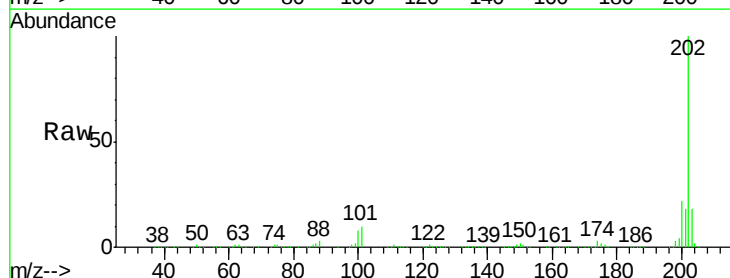
Tgt Ion:202 Resp: 1337333

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

203 18.0 14.0 21.0



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

2000000

1500000

1000000

500000

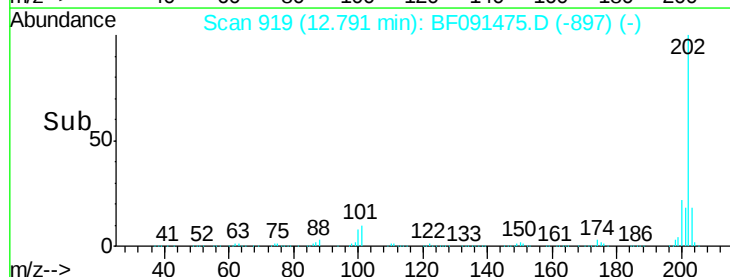
0

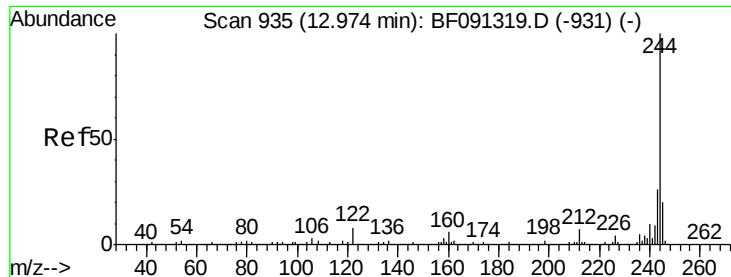
12.79

12.80

12.90

Time-->

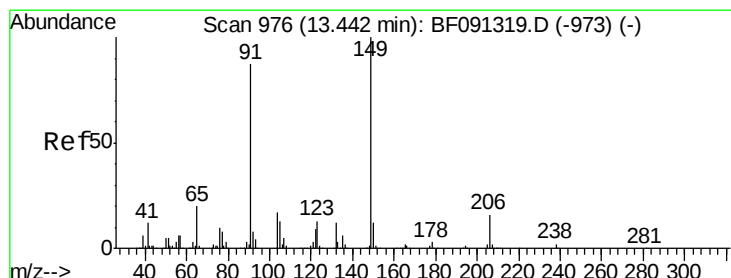
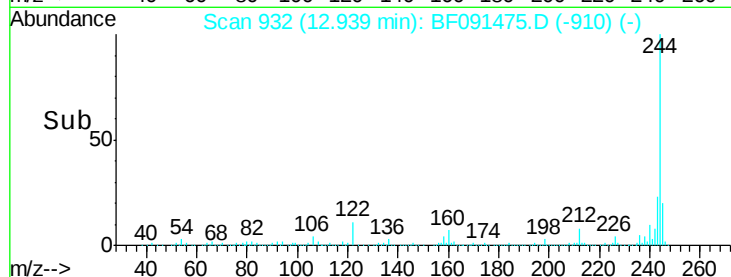
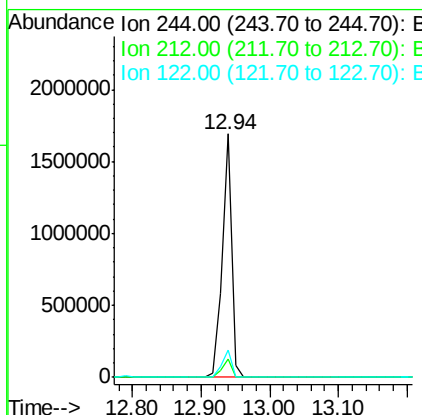
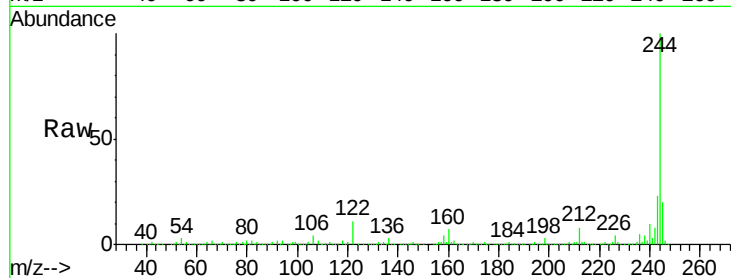




#78
 Terphenyl-d14
 Concen: 72.37 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.05 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

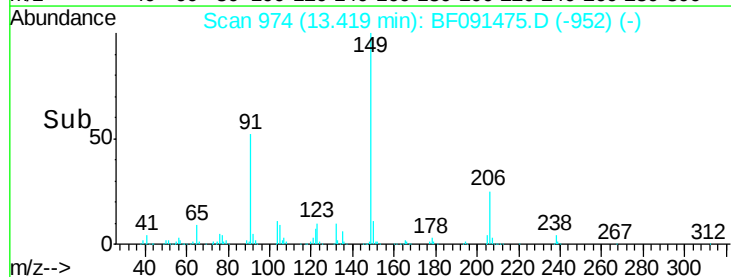
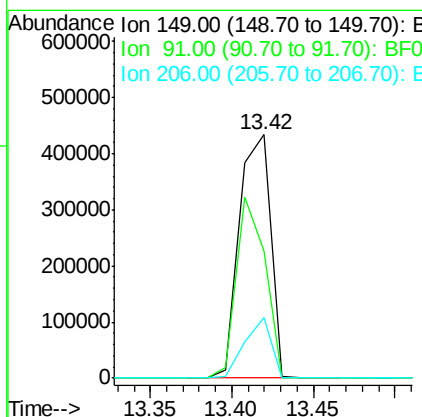
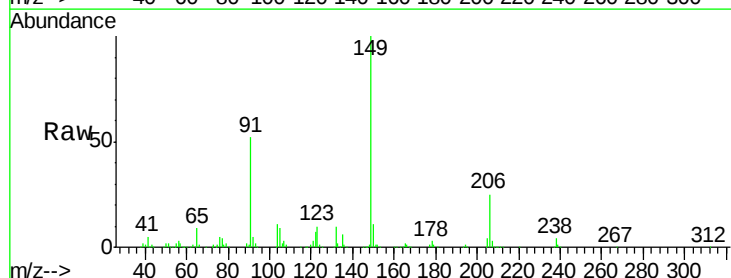
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

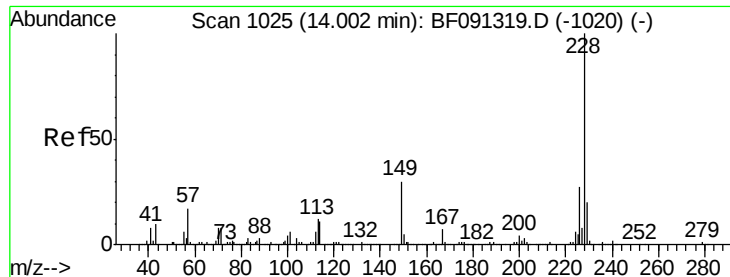
Tgt Ion:244 Resp: 1649195
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 11.3 9.5 14.3



#79
 Butylbenzylphthalate
 Concen: 40.80 ng
 RT: 13.42 min Scan# 974
 Delta R.T. -0.05 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion:149 Resp: 574256
 Ion Ratio Lower Upper
 149 100
 91 52.3 57.4 86.2#
 206 24.9 15.4 23.2#





#80

Benzo(a)anthracene

Concen: 36.40 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.04 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

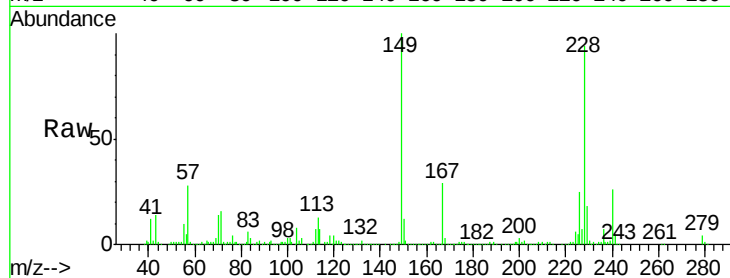
Tgt Ion:228 Resp: 1054234

Ion Ratio Lower Upper

228 100

226 26.5 22.5 33.7

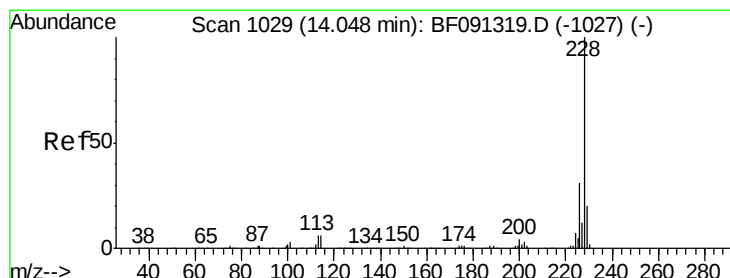
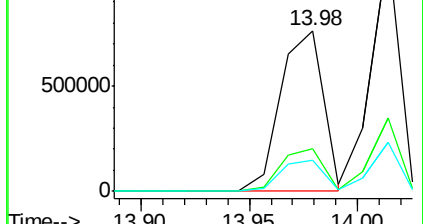
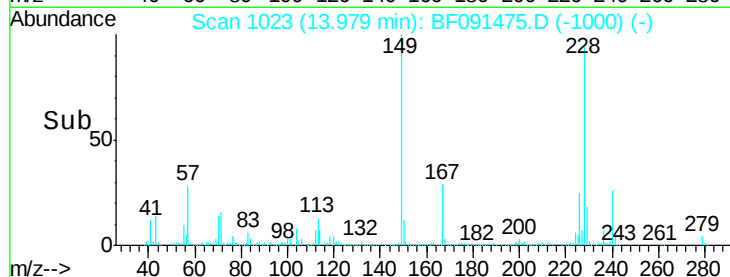
229 19.4 16.4 24.6



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



#82

Chrysene

Concen: 36.34 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

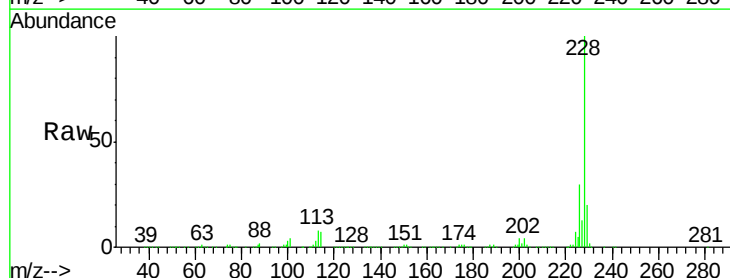
Tgt Ion:228 Resp: 1041430

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

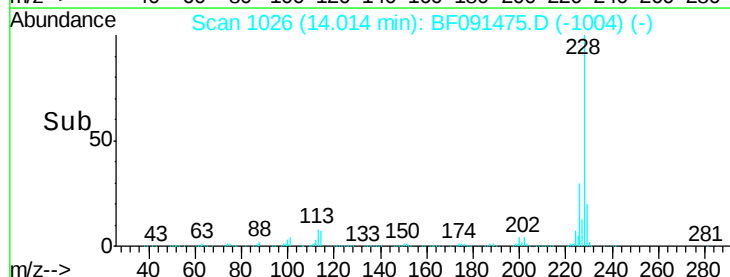
229 20.1 16.0 24.0



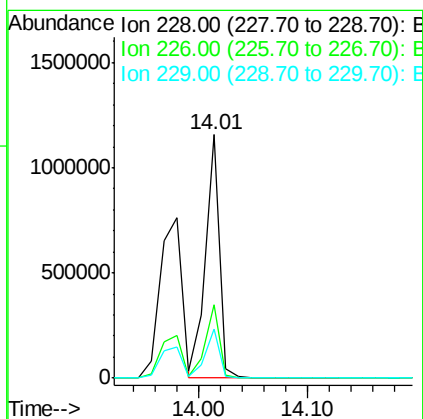
Abundance Ion 228.00 (227.70 to 228.70): E

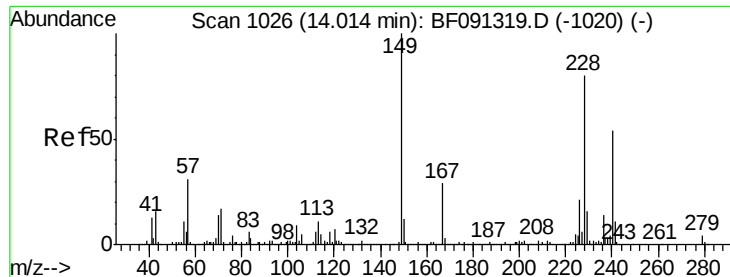
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

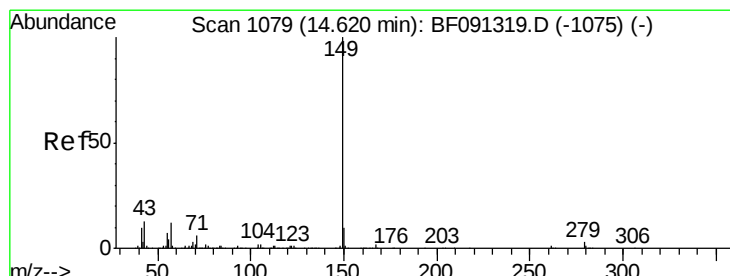
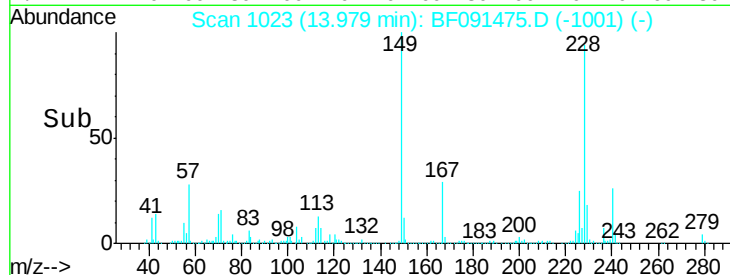
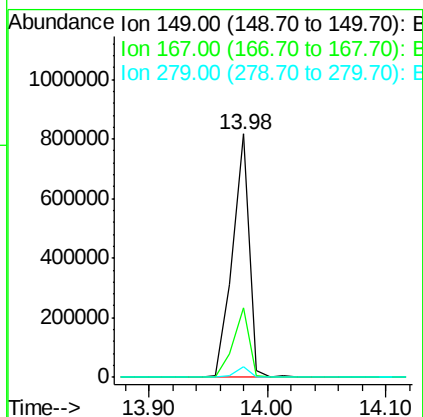
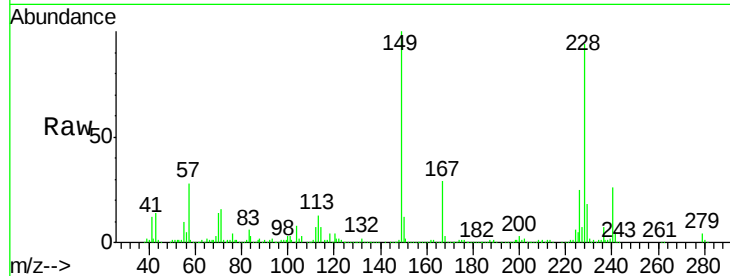




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.63 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.05 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

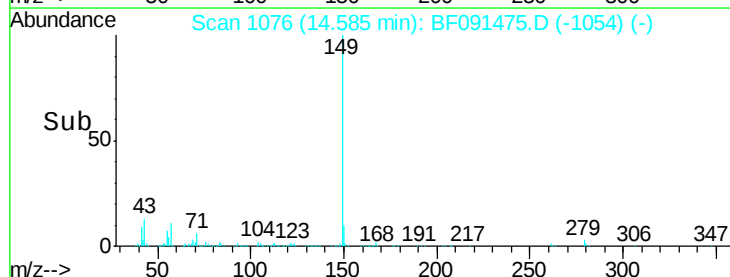
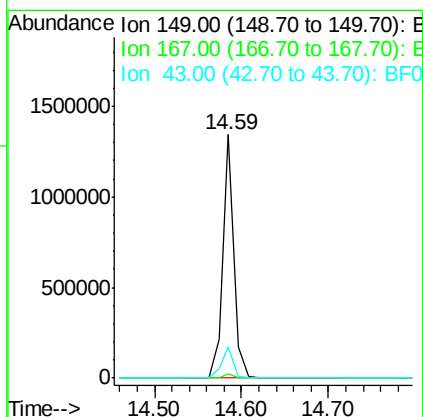
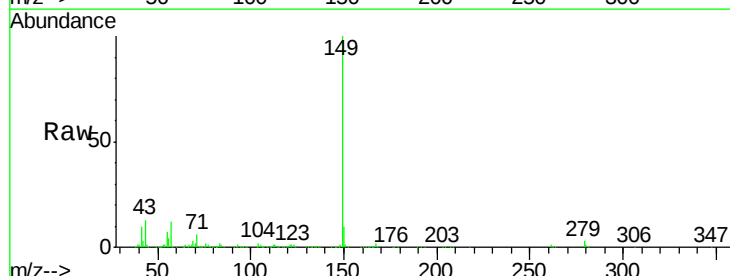
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

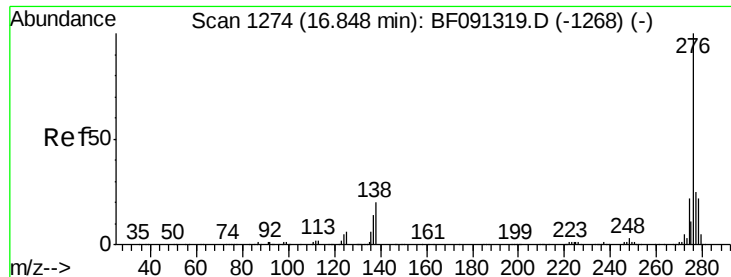
Tgt Ion:149 Resp: 796189
 Ion Ratio Lower Upper
 149 100
 167 28.8 19.6 29.4
 279 4.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 44.41 ng
 RT: 14.59 min Scan# 1076
 Delta R.T. -0.05 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion:149 Resp: 1198992
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 13.6 11.9 17.9

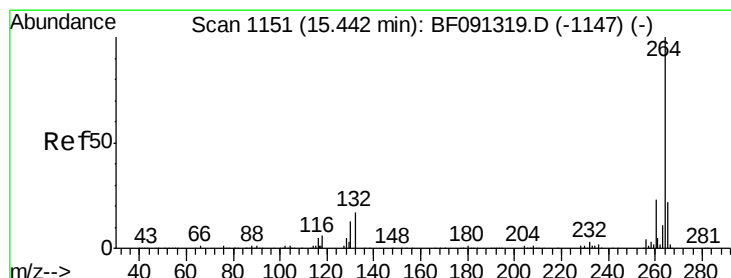
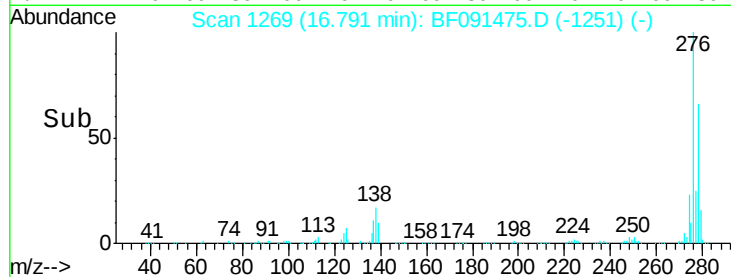
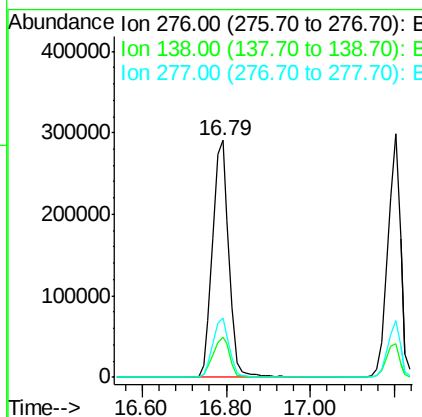
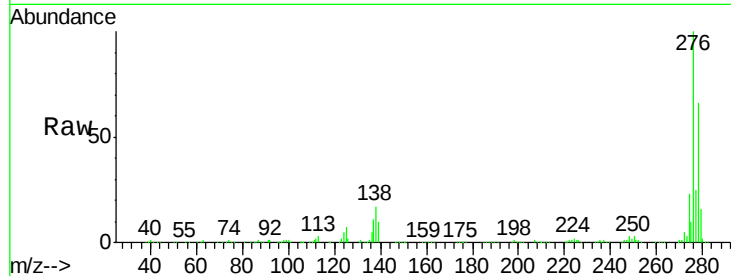




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.99 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. -0.10 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

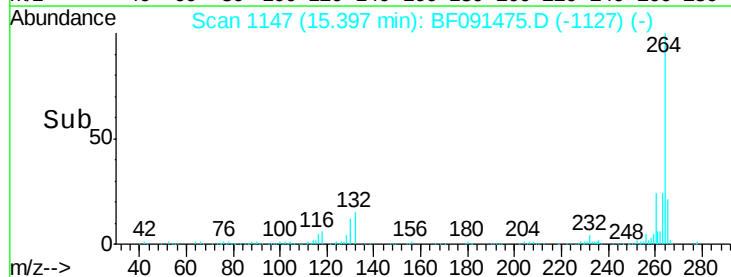
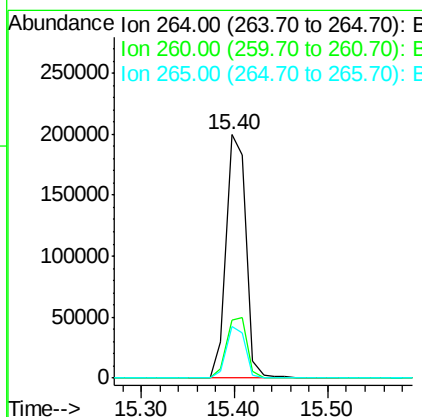
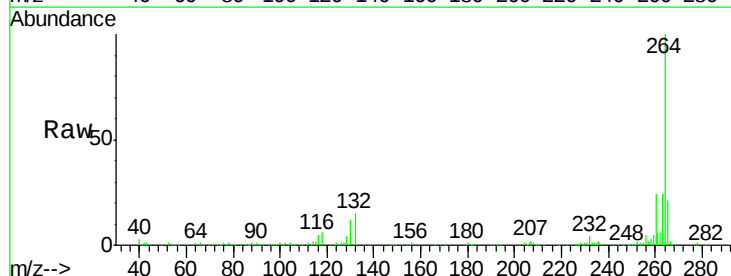
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

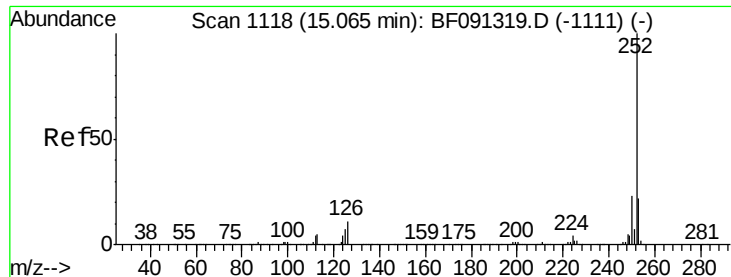
Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	21.0	31.4#
277	25.0	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.07 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.2	17.0	25.6

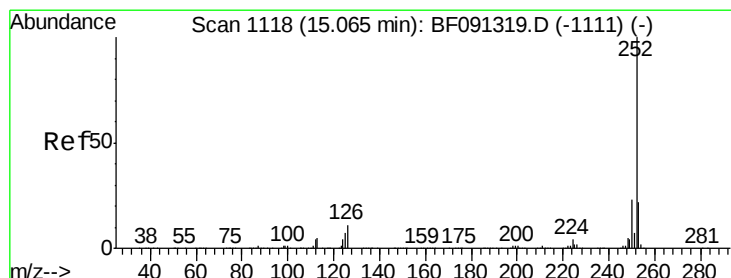
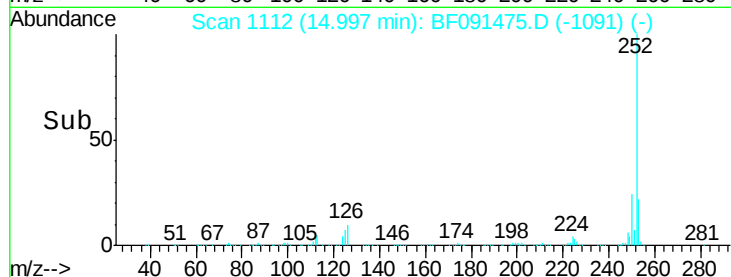
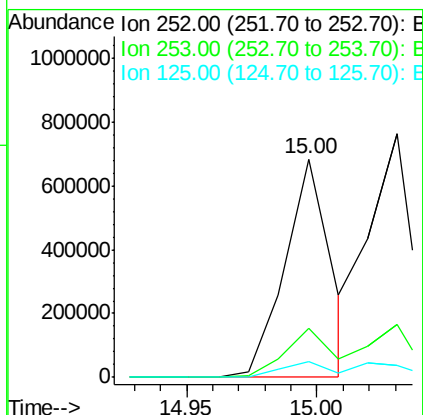
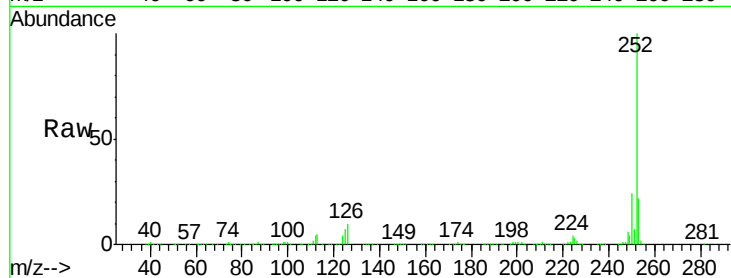




#87
Benzo(b)fluoranthene
Concen: 45.18 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

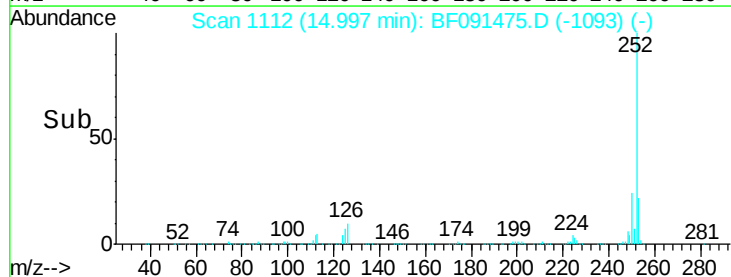
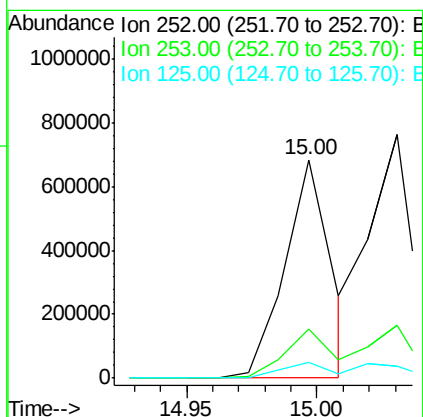
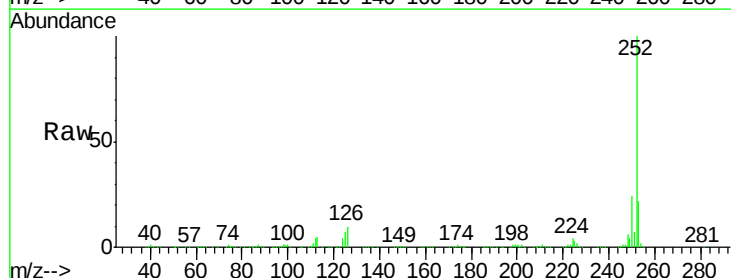
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

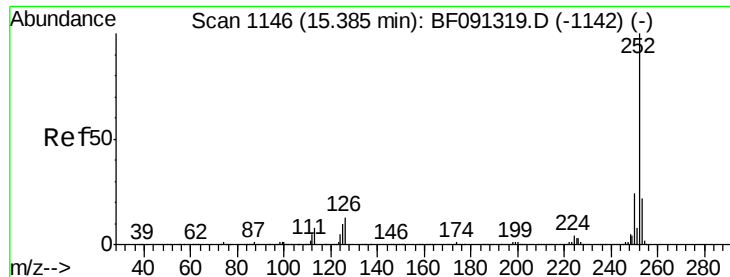
Tgt Ion: 252 Resp: 834191
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 7.5 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 53.73 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.09 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion: 252 Resp: 834191
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 7.5 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 44.73 ng

RT: 15.34 min Scan# 1142

Delta R.T. -0.07 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

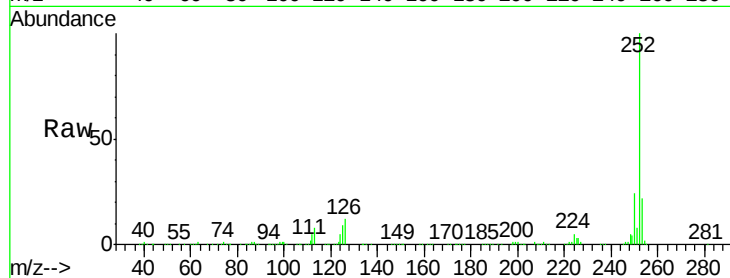
Tgt Ion:252 Resp: 741555

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

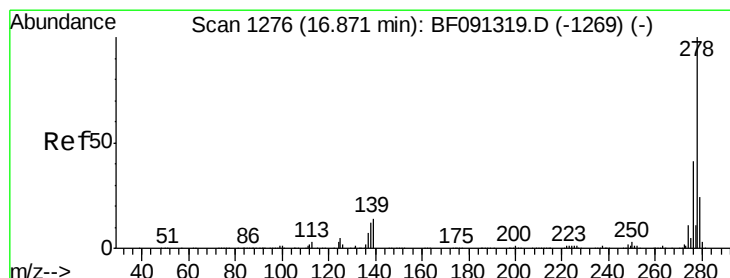
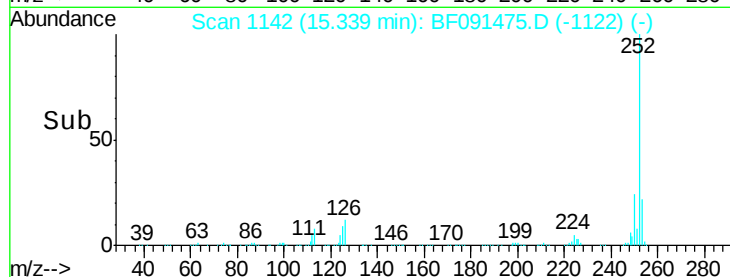
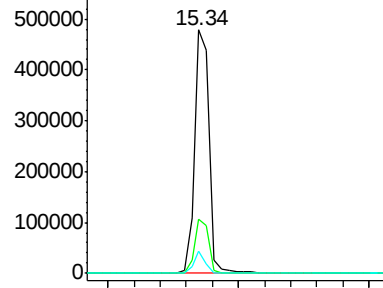
125 9.4 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.11 ng

RT: 16.80 min Scan# 1270

Delta R.T. -0.11 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

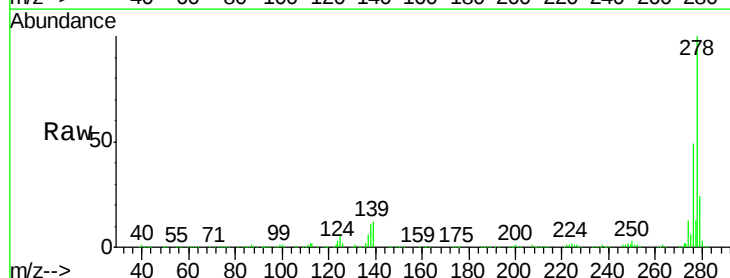
Tgt Ion:278 Resp: 676438

Ion Ratio Lower Upper

278 100

139 12.1 15.1 22.7#

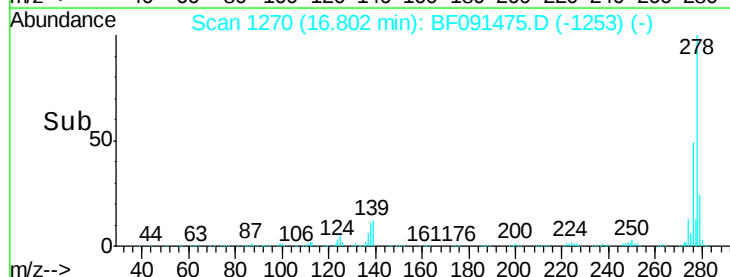
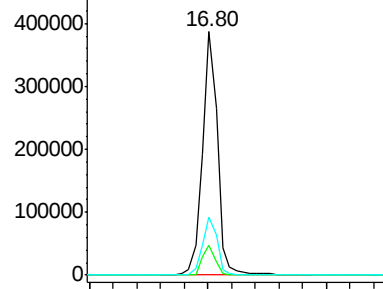
279 24.0 19.0 28.6

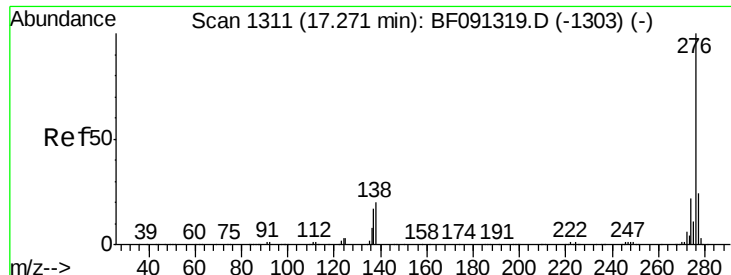


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.60 ng

RT: 17.20 min Scan# 1305

Delta R.T. -0.11 min

Lab File: BF091475.D

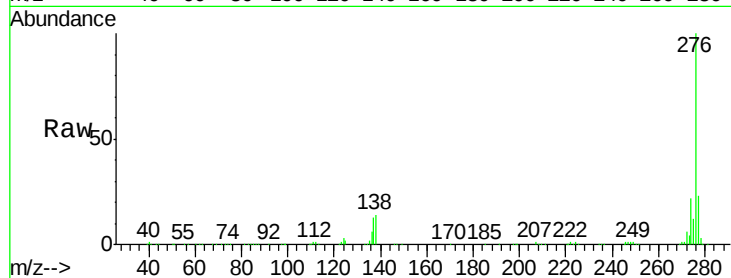
Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS



Tgt Ion:	276	Resp:	641964
Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	14.1	15.4	23.0

