

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
 Data File : BF091353.D
 Acq On : 30 Nov 2016 14:42
 Operator : UM/SJ
 Sample : H5760-06MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Quant Time: Dec 01 00:12:17 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	6.87	152	200660	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	781410	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	440803	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	700478	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	423397	20.00	ng	-0.03
86) Perylene-d12	15.44	264	414027	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1430430	116.45	ng	0.02
7) Phenol-d6	6.50	99	1753193	115.95	ng	0.00
23) Nitrobenzene-d5	7.43	82	1169099	83.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	595287	142.65	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2313165	95.02	ng	0.00
78) Terphenyl-d14	12.97	244	2037439	104.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	198256	35.68	ng	# 67
3) Pyridine	3.36	79	509245	32.38	ng	88
4) n-Nitrosodimethylamine	3.30	42	349424	42.35	ng	95
6) Aniline	6.53	93	172572	8.59	ng	# 74
8) 2-Chlorophenol	6.65	128	560592	41.63	ng	86
9) Benzaldehyde	6.41	77	166988	17.17	ng	82
10) Phenol	6.52	94	772223	43.40	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	639647	50.32	ng	99
12) 1,3-Dichlorobenzene	7.04	146	569222	38.00	ng	97
13) 1,4-Dichlorobenzene	6.88	146	575595	38.63	ng	97
14) 1,2-Dichlorobenzene	7.04	146	569242	41.01	ng	93
15) Benzyl Alcohol	7.01	79	502886	41.56	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1158280	42.37	ng	71
17) 2-Methylphenol	7.12	107	447688	42.05	ng	# 76
18) Hexachloroethane	7.38	117	221911	41.94	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	435195	45.68	ng	# 81
20) 3+4-Methylphenols	7.28	107	563348	43.35	ng	# 50
22) Acetophenone	7.28	105	811506	43.82	ng	# 87
24) Nitrobenzene	7.45	77	672188	47.09	ng	# 80
25) Isophorone	7.69	82	1167119	47.25	ng	98
26) 2-Nitrophenol	7.76	139	284391	43.71	ng	98
27) 2,4-Dimethylphenol	7.81	122	546964	44.94	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	699647	47.05	ng	99
29) 2,4-Dichlorophenol	8.01	162	485088	45.31	ng	90
30) 1,2,4-Trichlorobenzene	8.09	180	532090	44.33	ng	98
31) Naphthalene	8.17	128	1631369	43.93	ng	100
32) Benzoic acid	7.92	122	253457	28.25	ng	# 84
33) 4-Chloroaniline	8.23	127	54104	3.41	ng	96
34) Hexachlorobutadiene	8.30	225	317163	42.97	ng	99
35) Caprolactam	8.64	113	41100	13.36	ng	93
36) 4-Chloro-3-methylphenol	8.71	107	539519	46.68	ng	86
37) 2-Methylnaphthalene	8.86	142	1125550	44.61	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	500143	40.25	ng	99
40) Hexachlorocyclopentadiene	9.02	237	493380	85.66	ng	100

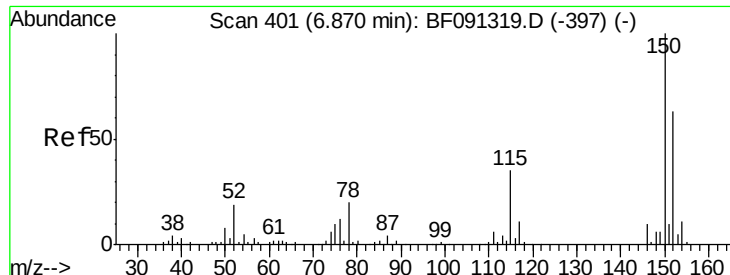
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	372171	46.08	ng	97
43) 2,4,5-Trichlorophenol	9.19	196	343333	42.42	ng	94
45) 1,1'-Biphenyl	9.33	154	1279467	40.37	ng	97
46) 2-Chloronaphthalene	9.35	162	968064	41.01	ng	98
47) 2-Nitroaniline	9.44	65	330383	38.97	ng	# 78
48) Acenaphthylene	9.77	152	1621521	43.64	ng	99
49) Dimethylphthalate	9.64	163	1287912	48.25	ng	98
50) 2,6-Dinitrotoluene	9.69	165	306992	51.46	ng	# 72
51) Acenaphthene	9.94	154	1110171	44.29	ng	96
52) 3-Nitroaniline	9.85	138	77168	11.18	ng	94
53) 2,4-Dinitrophenol	9.96	184	122790	47.07	ng	# 72
54) Dibenzofuran	10.12	168	1565451	46.65	ng	91
55) 4-Nitrophenol	10.02	139	422587	84.73	ng	# 63
56) 2,4-Dinitrotoluene	10.09	165	384226	49.65	ng	# 72
57) Fluorene	10.46	166	1140602	44.27	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	330670	47.85	ng	96
59) Diethylphthalate	10.33	149	1184298	44.95	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	530938	41.09	ng	# 89
61) 4-Nitroaniline	10.47	138	235150	36.27	ng	88
62) Azobenzene	10.61	77	1324299	49.26	ng	92
64) 4,6-Dinitro-2-methylphenol	10.49	198	125765	32.59	ng	94
65) n-Nitrosodiphenylamine	10.56	169	966990	45.53	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	381658	50.69	ng	# 81
67) Hexachlorobenzene	11.00	284	372909	45.84	ng	# 77
68) Atrazine	11.10	200	363763	52.89	ng	92
69) Pentachlorophenol	11.19	266	359410	75.04	ng	95
70) Phenanthrene	11.41	178	1620198	44.51	ng	100
71) Anthracene	11.46	178	1713961	47.45	ng	99
72) Carbazole	11.61	167	1364920	41.64	ng	99
73) Di-n-butylphthalate	11.96	149	1865661	50.22	ng	100
74) Fluoranthene	12.60	202	1662290	48.21	ng	99
76) Benzidine	12.71	184	84371	6.79	ng	97
77) Pyrene	12.83	202	1687913	52.53	ng	99
79) Butylbenzylphthalate	13.44	149	675912	56.18	ng	86
80) Benzo(a)anthracene	14.00	228	1234364	49.85	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	169278	19.41	ng	# 98
82) Chrysene	14.05	228	1294688	52.85	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	893121	58.56	ng	# 92
84) Di-n-octyl phthalate	14.62	149	1366390	59.21	ng	98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1247188	55.59	ng	95
87) Benzo(b)fluoranthene	15.07	252	2191414	85.15	ng	98
88) Benzo(k)fluoranthene	15.07	252	2192762	101.33	ng	# 97
89) Benzo(a)pyrene	15.39	252	1056545	45.72	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	1044645	48.87	ng	# 95
91) Benzo(g,h,i)perylene	17.28	276	1052808	47.77	ng	98

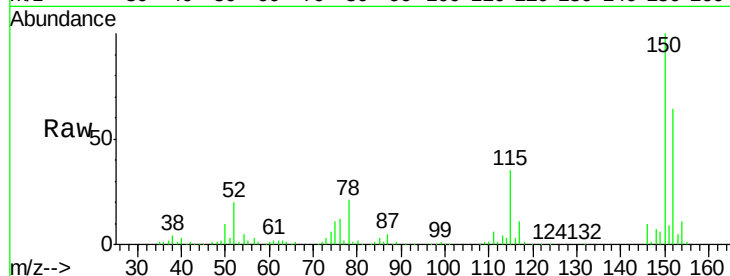
(#) = qualifier out of range (m) = manual integration (+) = signals summed



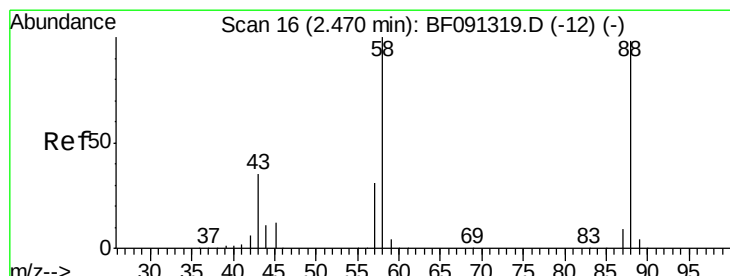
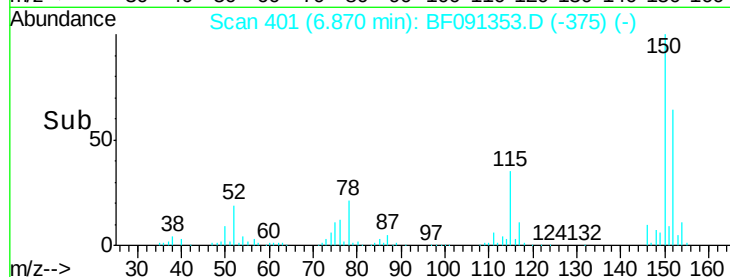
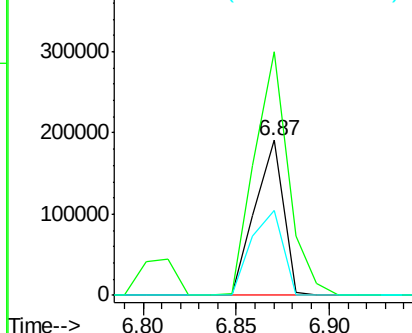
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tgt Ion:152 Resp: 200660
 Ion Ratio Lower Upper
 152 100
 150 157.0 122.5 183.7
 115 54.7 51.8 77.8

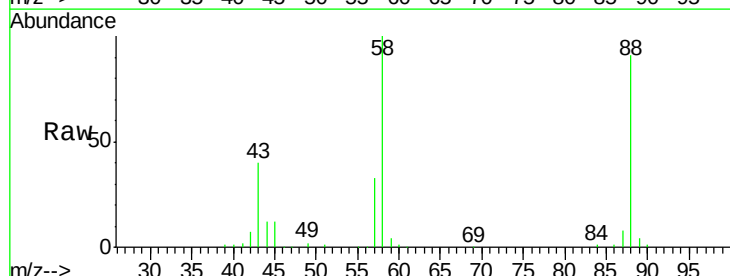


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

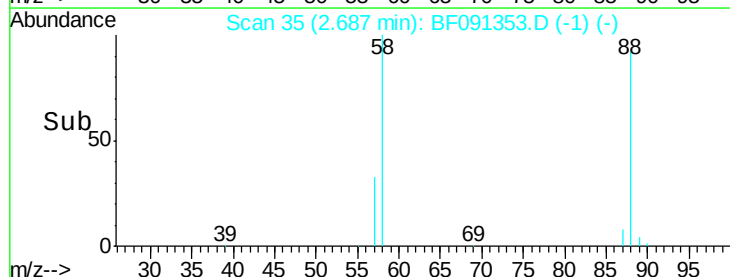
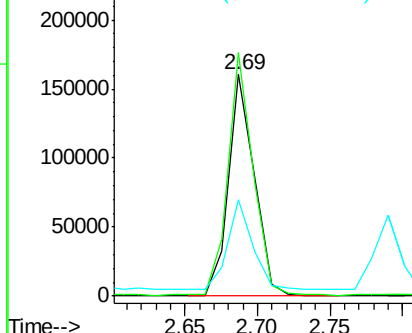


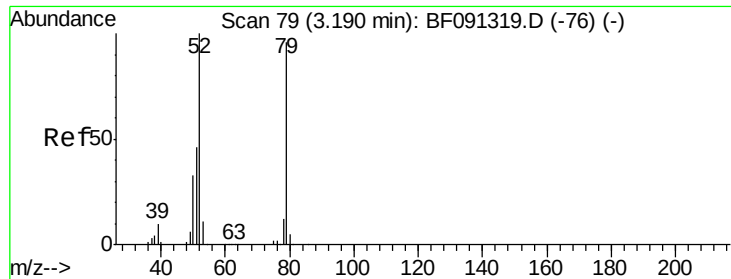
#2
 1,4-Dioxane
 Concen: 35.68 ng
 RT: 2.69 min Scan# 35
 Delta R.T. 0.19 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion: 88 Resp: 198256
 Ion Ratio Lower Upper
 88 100
 58 105.8 70.3 105.5#
 43 0.0 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: 32.38 ng

RT: 3.36 min Scan# 94

Delta R.T. 0.14 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

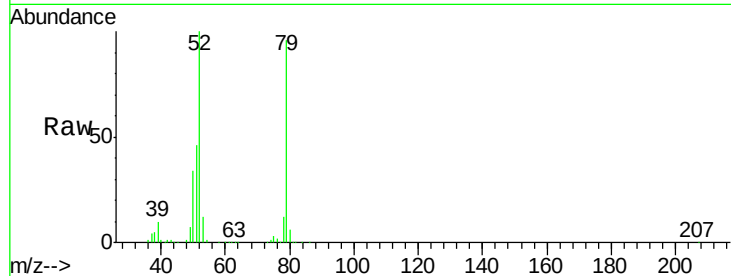
Tgt Ion: 79 Resp: 509245

Ion Ratio Lower Upper

79 100

52 104.3 71.0 106.4

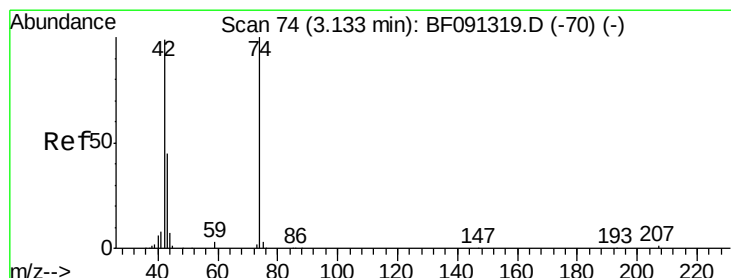
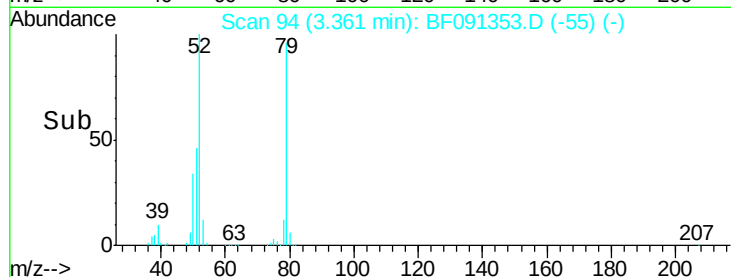
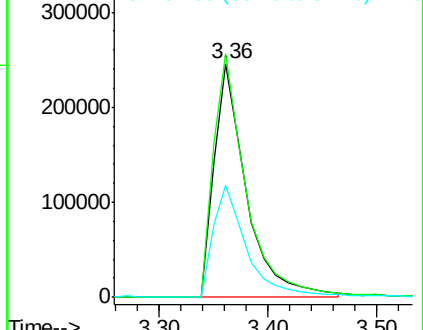
51 47.9 37.0 55.4



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: 42.35 ng

RT: 3.30 min Scan# 89

Delta R.T. 0.13 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

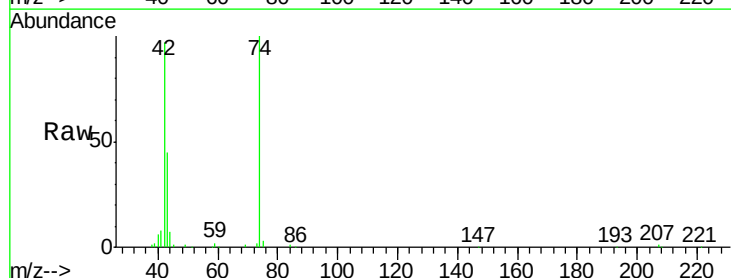
Tgt Ion: 42 Resp: 349424

Ion Ratio Lower Upper

42 100

74 103.5 78.9 118.3

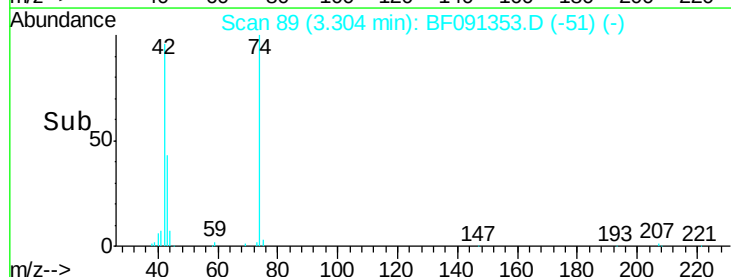
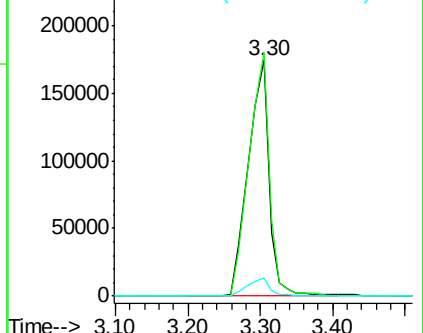
44 7.5 5.8 8.6

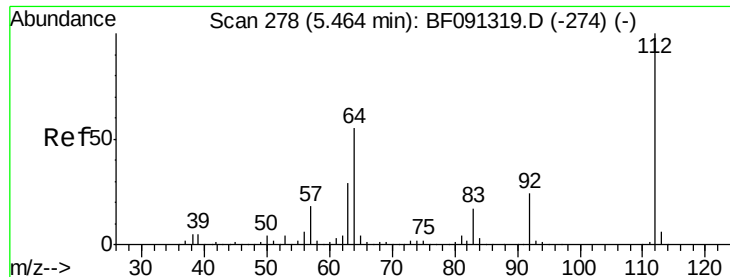


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.45 ng

RT: 5.49 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

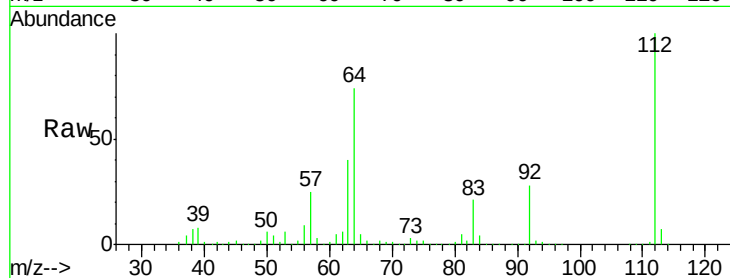
Tgt Ion:112 Resp: 1430430

Ion Ratio Lower Upper

112 100

64 74.1 61.5 92.3

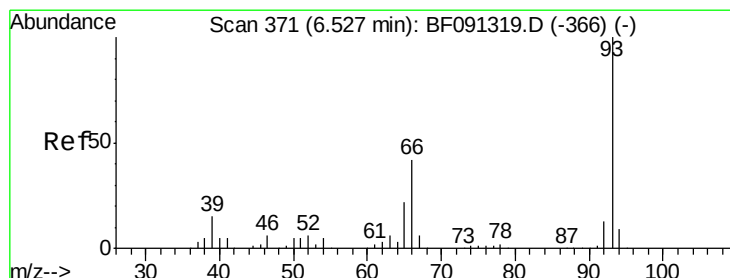
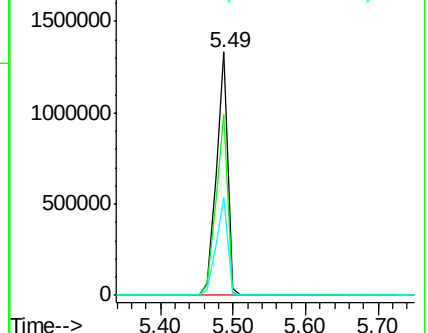
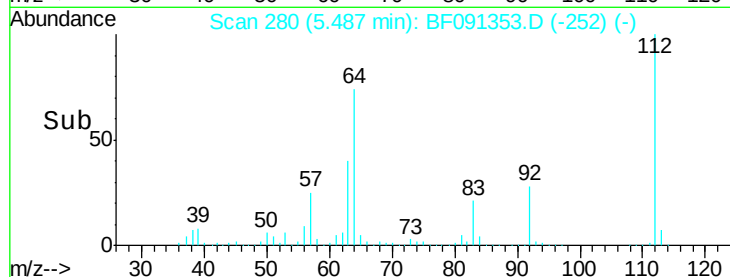
63 40.1 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.59 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

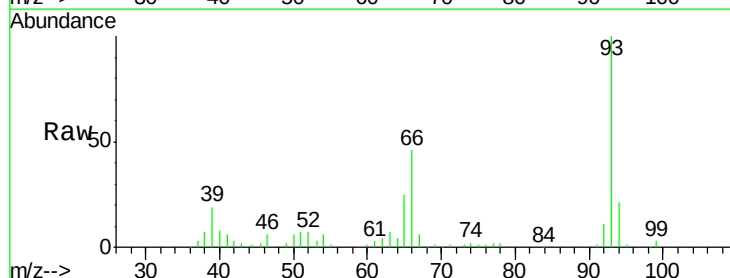
Tgt Ion: 93 Resp: 172572

Ion Ratio Lower Upper

93 100

66 46.4 55.8 83.6#

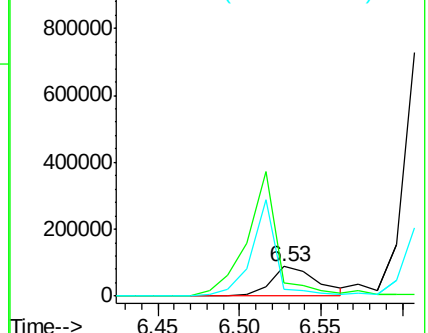
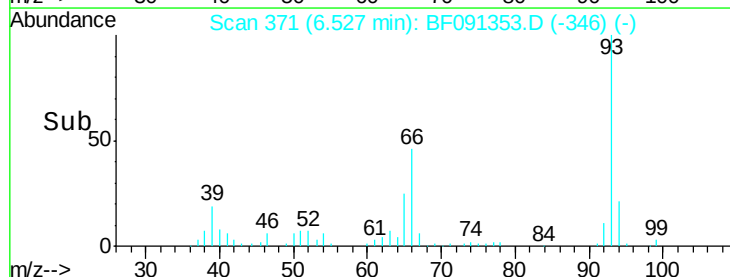
65 24.6 29.9 44.9#

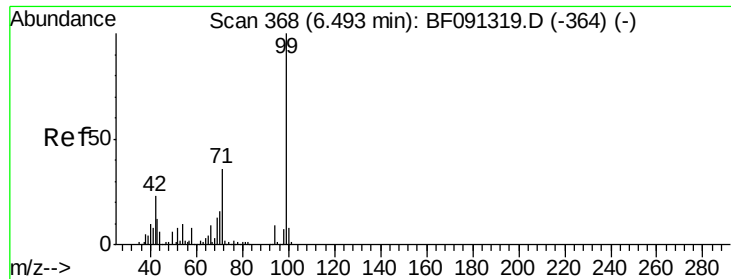


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.95 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

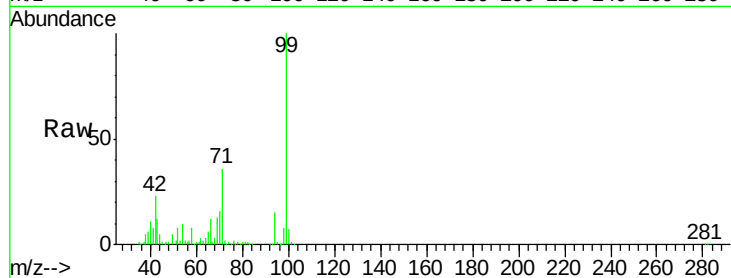
Tgt Ion: 99 Resp: 1753193

Ion Ratio Lower Upper

99 100

42 23.2 20.6 31.0

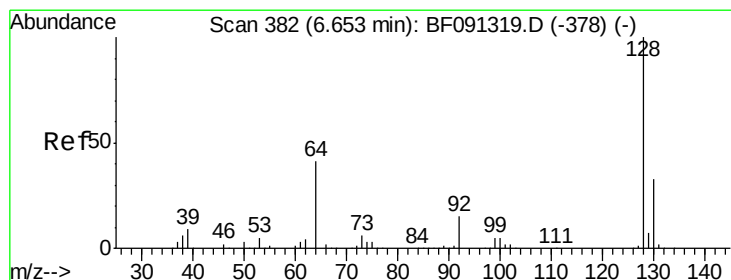
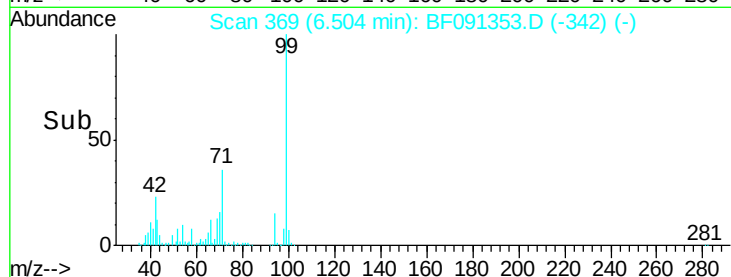
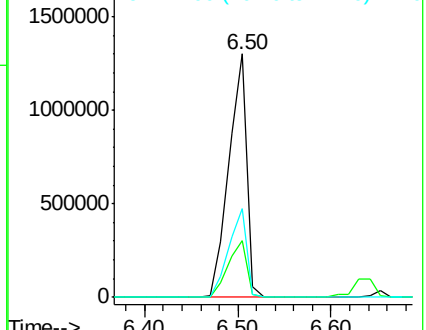
71 36.3 29.9 44.9



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: 41.63 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

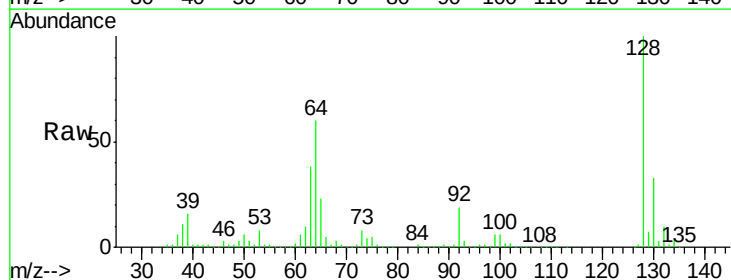
Tgt Ion: 128 Resp: 560592

Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

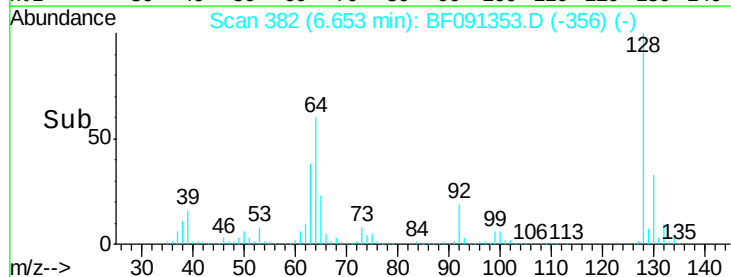
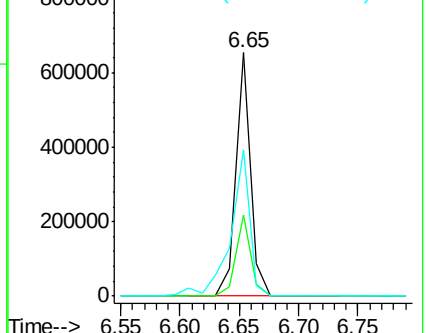
64 59.9 24.1 64.1

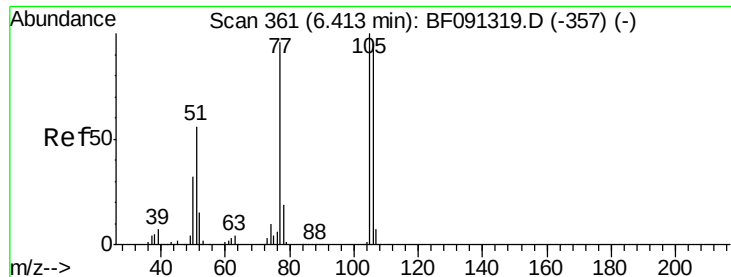


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.17 ng

RT: 6.41 min Scan# 361

Delta R.T. -0.00 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

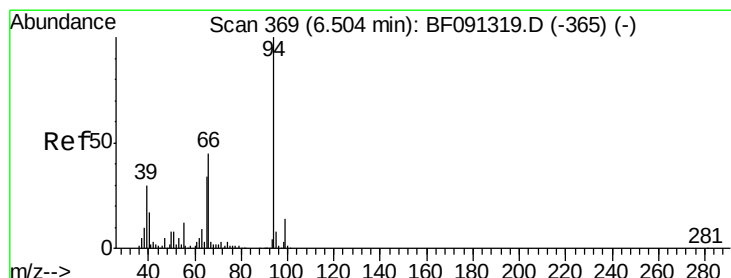
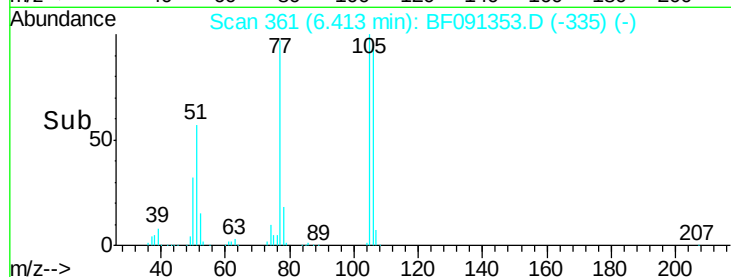
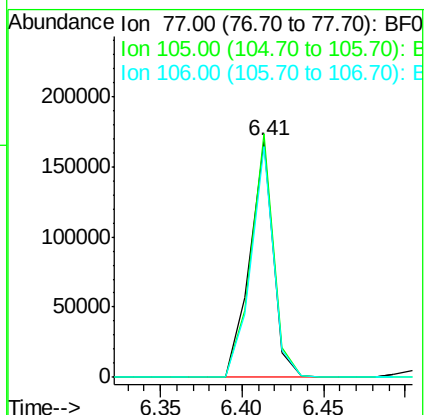
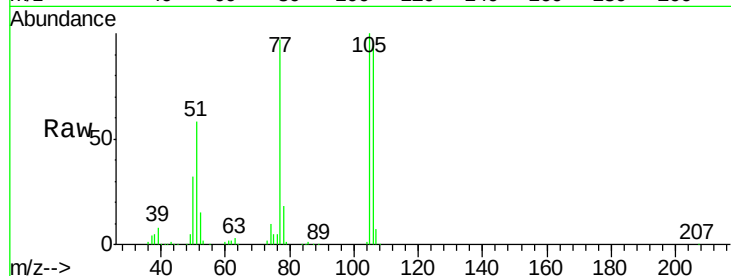
Tgt Ion: 77 Resp: 166988

Ion Ratio Lower Upper

77 100

105 102.9 66.4 106.4

106 97.5 60.9 100.9



#10

Phenol

Concen: 43.40 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

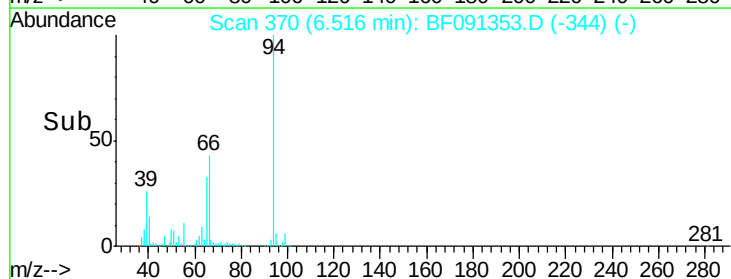
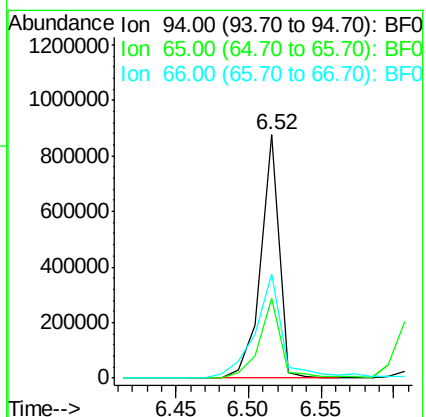
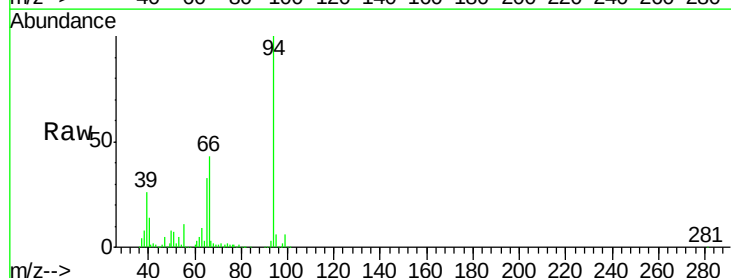
Tgt Ion: 94 Resp: 772223

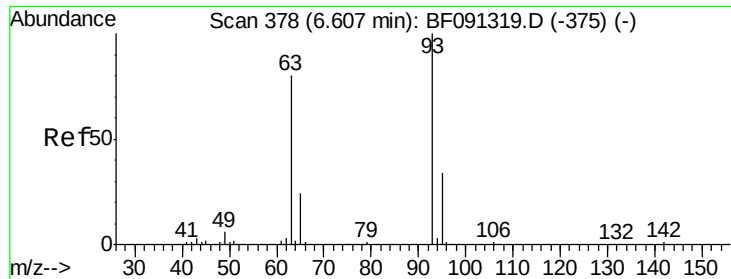
Ion Ratio Lower Upper

94 100

65 32.8 16.9 56.9

66 42.5 30.6 70.6

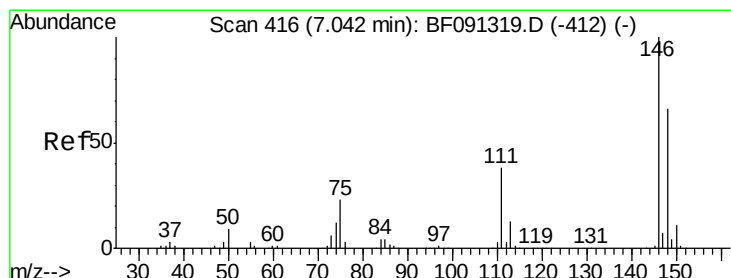
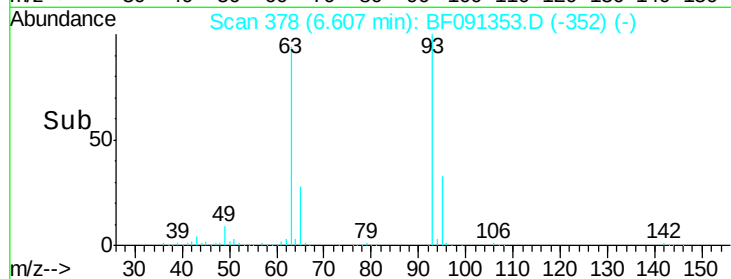
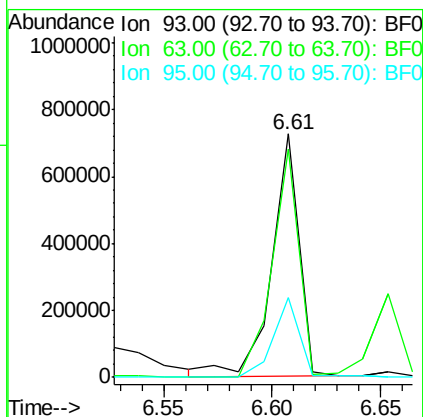
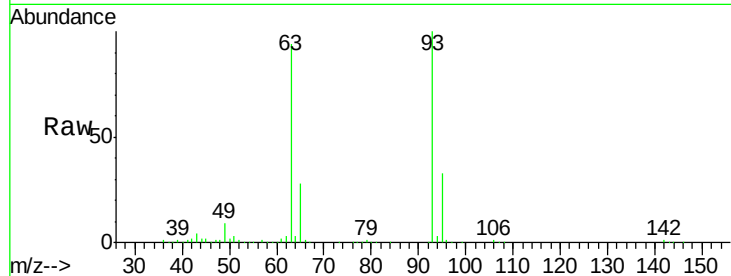




#11
bis(2-Chloroethyl)ether
Concen: 50.32 ng
RT: 6.61 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

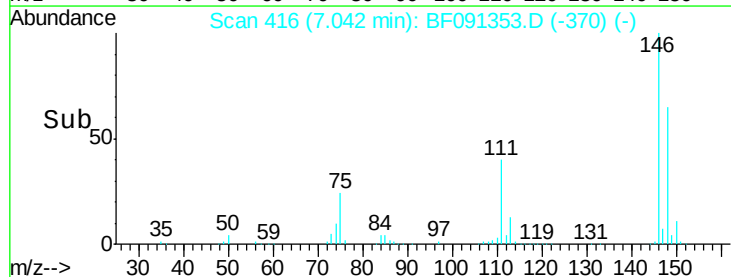
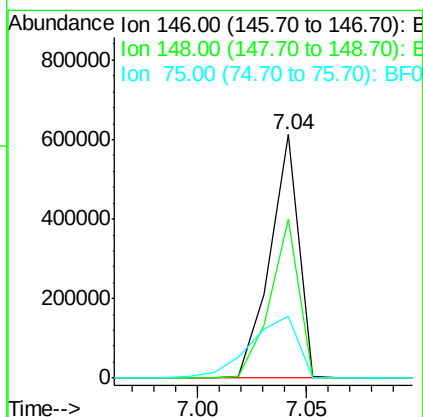
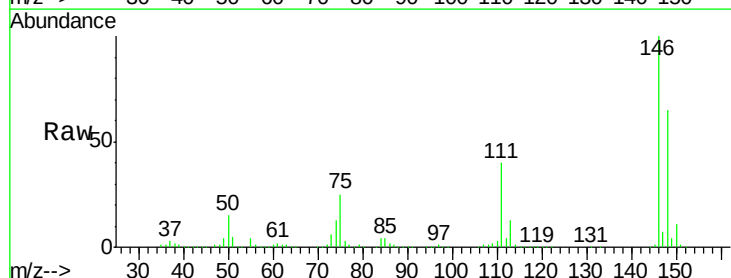
Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

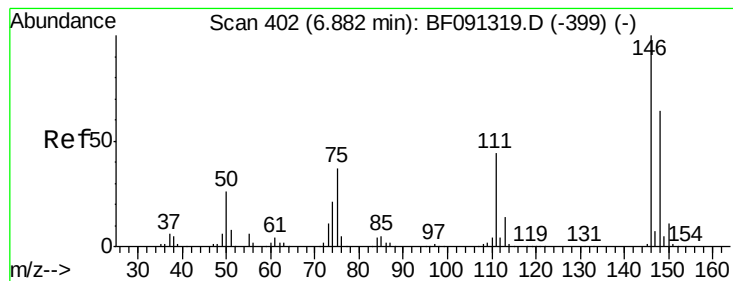
Tgt Ion	Ratio	Lower	Upper
93	100		
63	93.5	74.8	114.8
95	32.8	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 38.00 ng
RT: 7.04 min Scan# 416
Delta R.T. 0.22 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.0
75	25.4	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 38.63 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

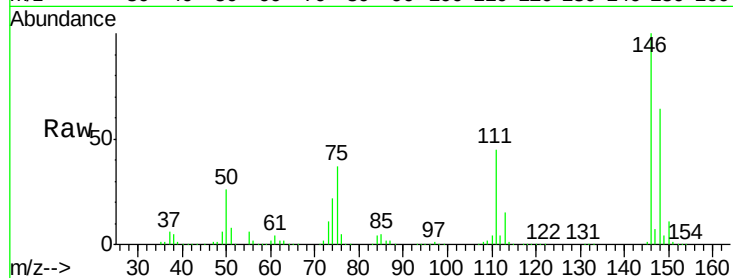
Tgt Ion:146 Resp: 575595

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

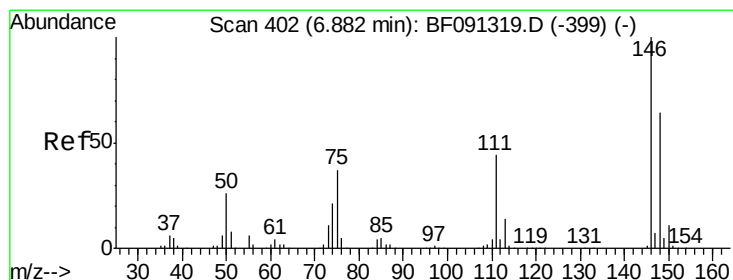
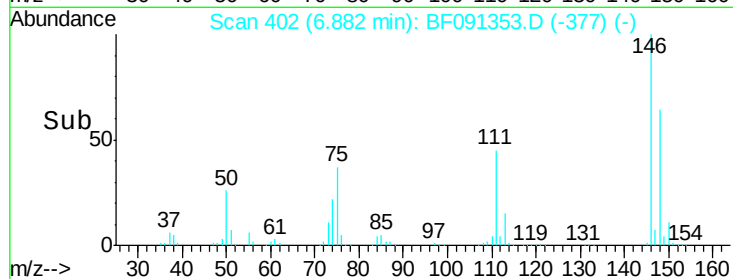
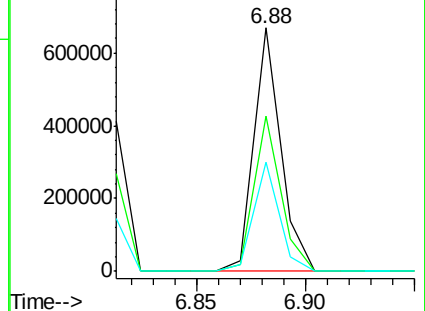
111 44.7 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.01 ng

RT: 7.04 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

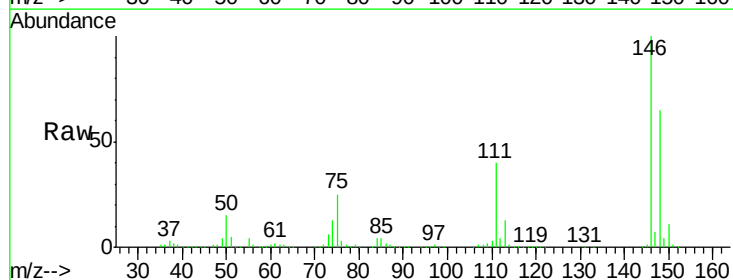
Tgt Ion:146 Resp: 569242

Ion Ratio Lower Upper

146 100

148 65.2 51.0 76.6

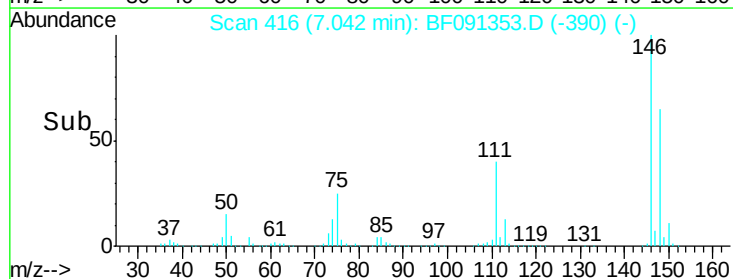
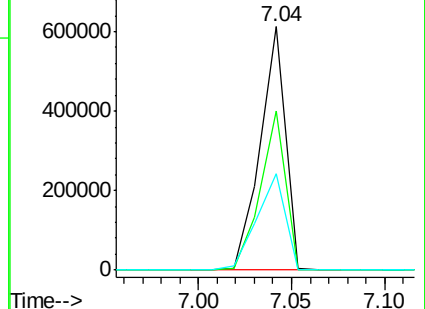
111 39.7 38.9 58.3

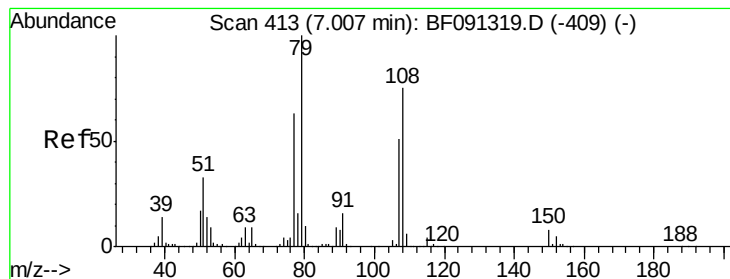


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.56 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

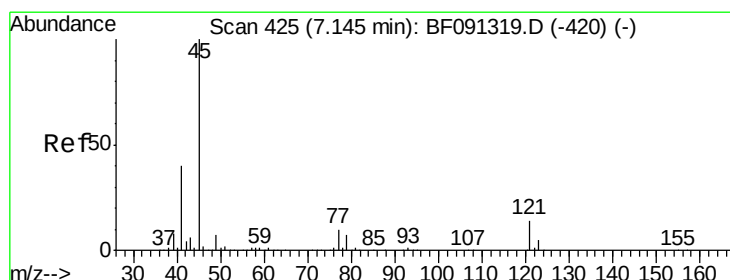
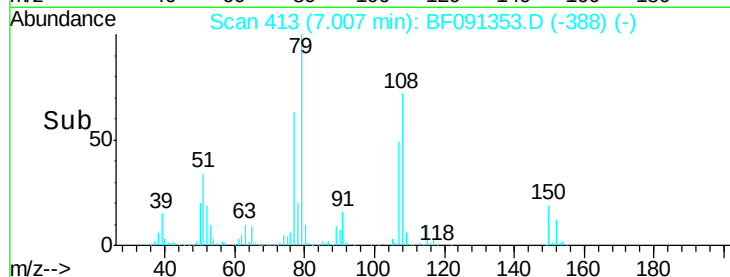
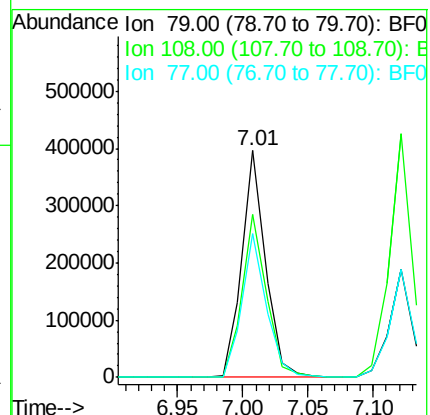
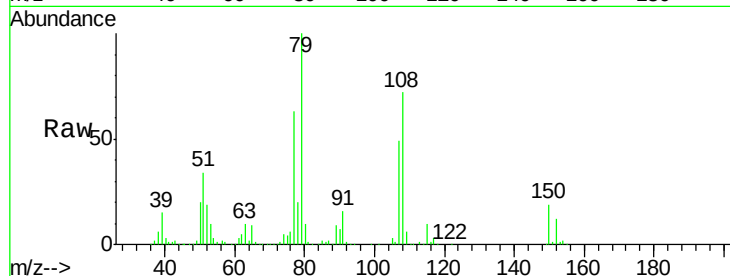
Tgt Ion: 79 Resp: 502886

Ion Ratio Lower Upper

79 100

108 72.0 62.7 94.1

77 63.5 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.37 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

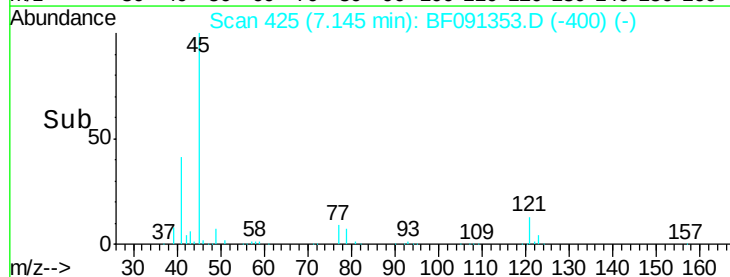
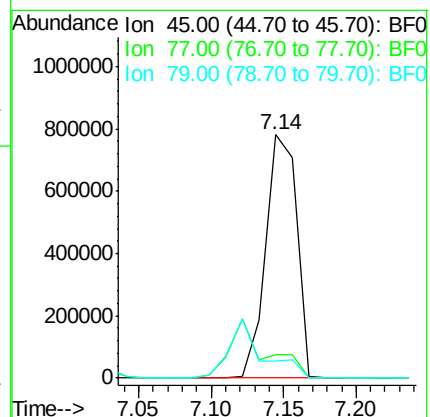
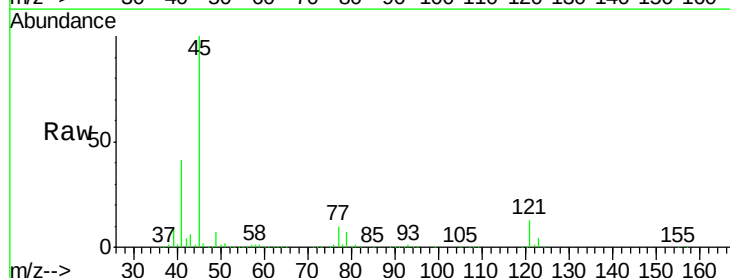
Tgt Ion: 45 Resp: 1158280

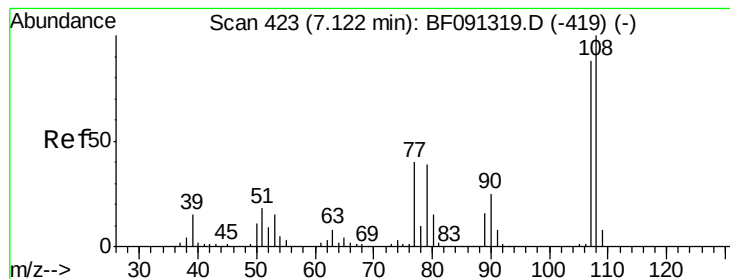
Ion Ratio Lower Upper

45 100

77 9.5 3.8 43.8

79 7.2 0.2 40.2





#17

2-Methylphenol

Concen: 42.05 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

Tgt Ion:107 Resp: 447688

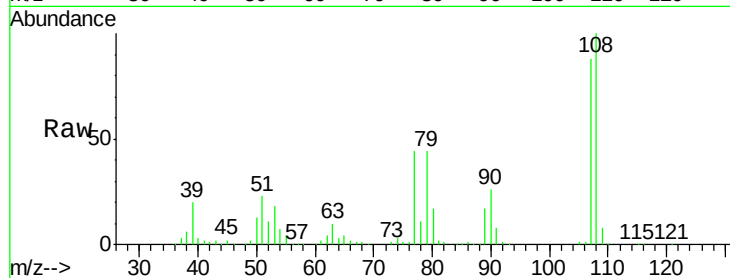
Ion Ratio Lower Upper

107 100

108 113.5 67.7 101.5#

77 50.3 40.7 61.1

79 50.5 23.4 35.2#

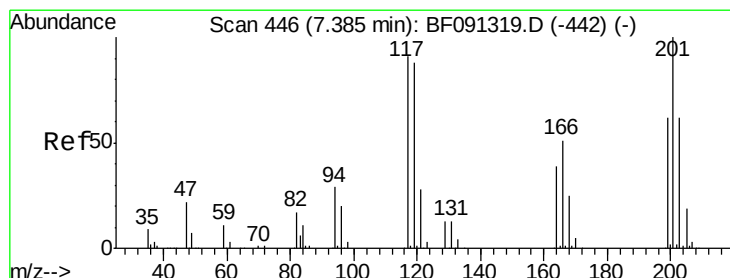
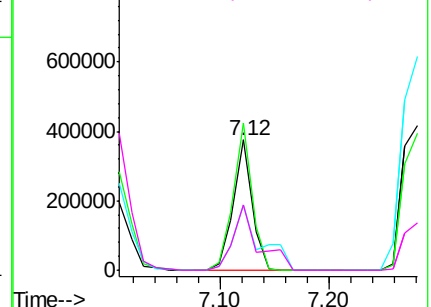
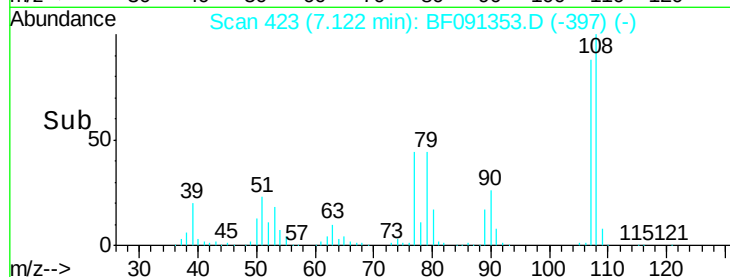


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.94 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

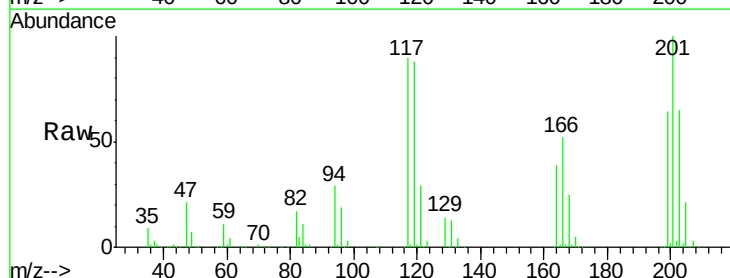
Tgt Ion:117 Resp: 221911

Ion Ratio Lower Upper

117 100

119 98.0 78.6 118.0

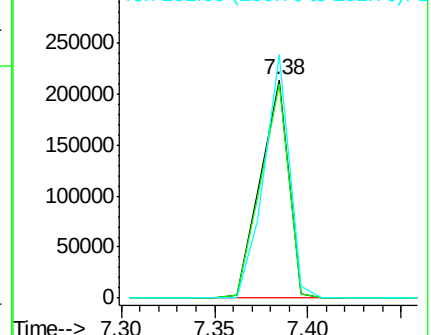
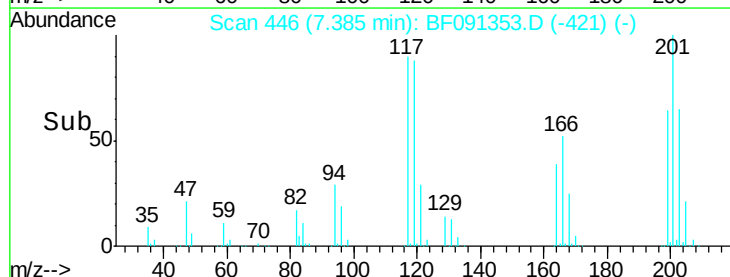
201 111.6 86.7 130.1

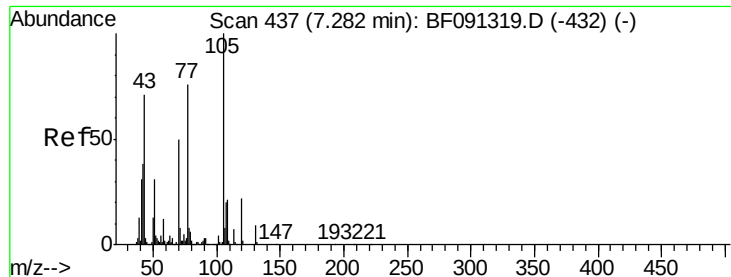


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

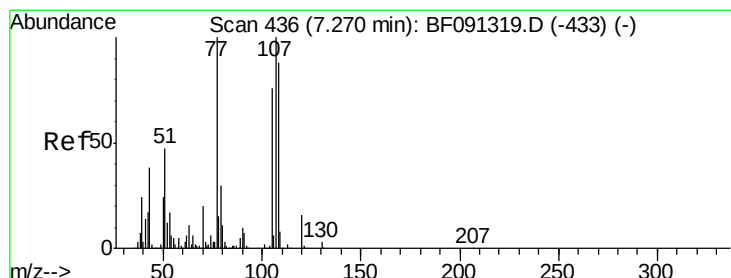
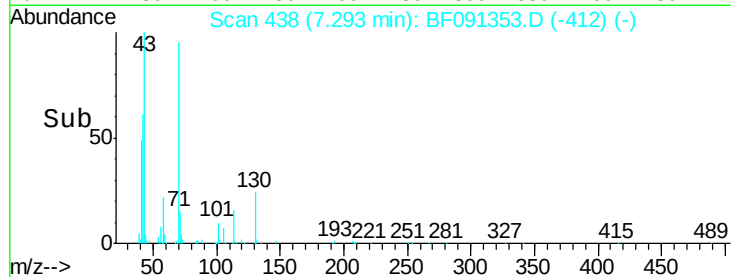
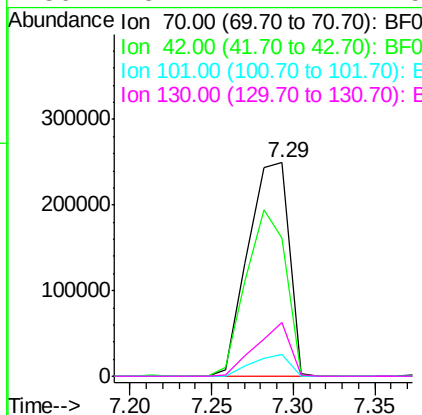
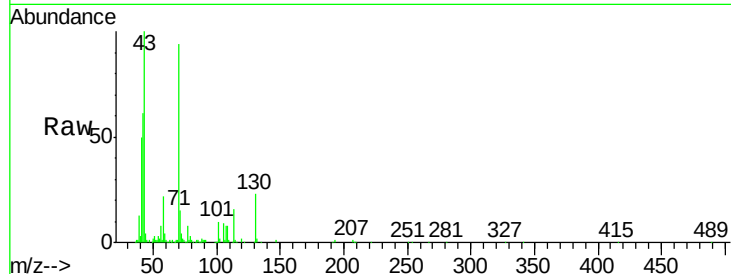




#19
n-Nitroso-di-n-propylamine
Concen: 45.68 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

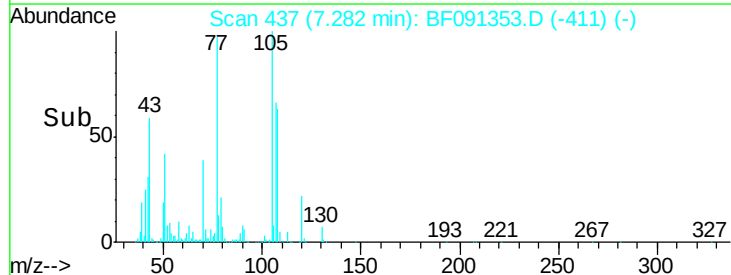
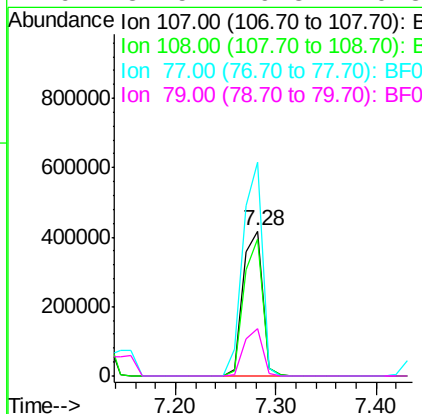
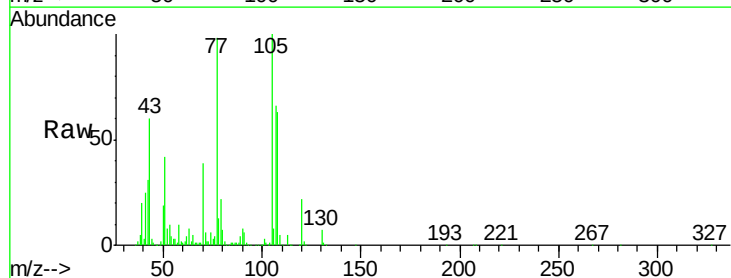
Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

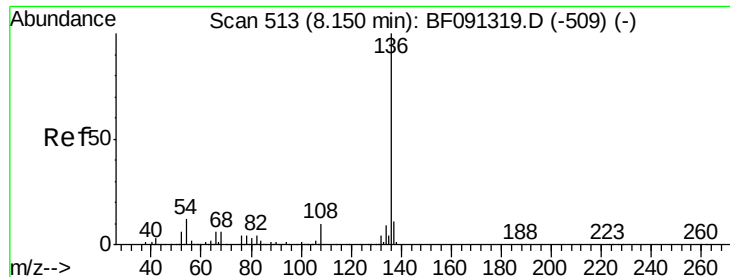
Tgt Ion: 70 Resp: 435195
Ion Ratio Lower Upper
70 100
42 64.7 64.8 97.2#
101 10.2 6.2 9.4#
130 25.1 11.7 17.5#



#20
3+4-Methylphenols
Concen: 43.35 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion: 107 Resp: 563348
Ion Ratio Lower Upper
107 100
108 94.6 64.6 104.6
77 147.5 30.9 70.9#
79 32.5 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

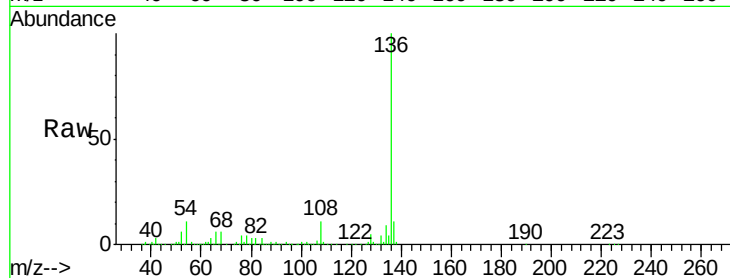
Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

Tgt Ion:	136	Resp:	781410
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	11.2	9.1	13.7
68	5.5	5.9	8.9#



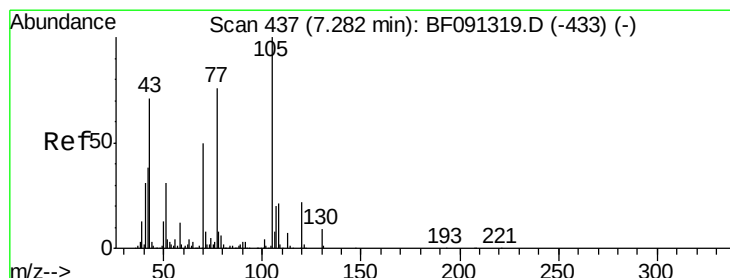
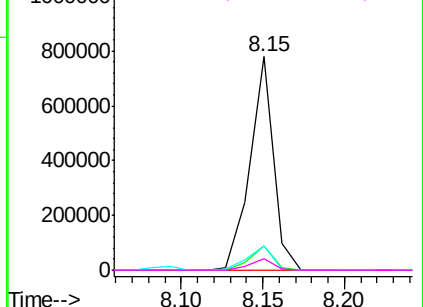
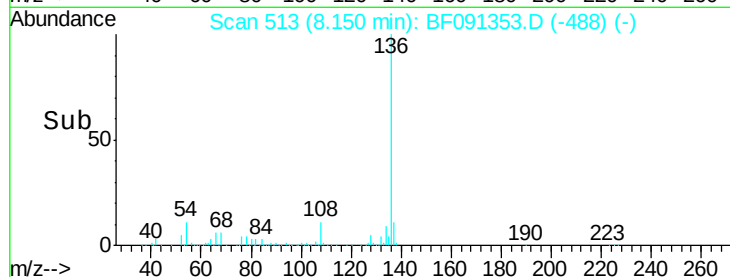
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.82 ng

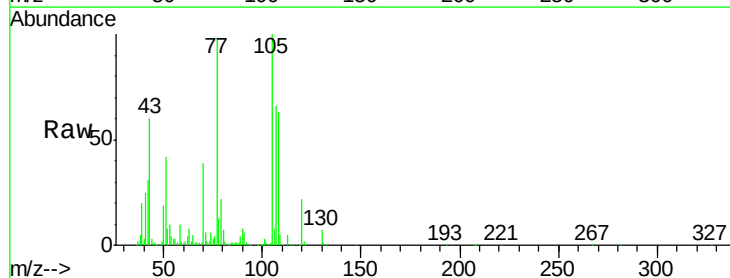
RT: 7.28 min Scan# 437

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Tgt Ion:	105	Resp:	811506
Ion Ratio	Lower	Upper	
105	100		
71	6.2	7.9	11.9#
51	42.3	24.5	36.7#
120	21.5	16.6	24.8



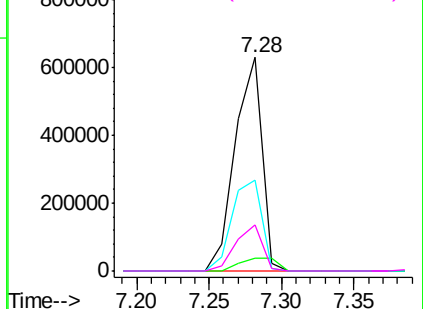
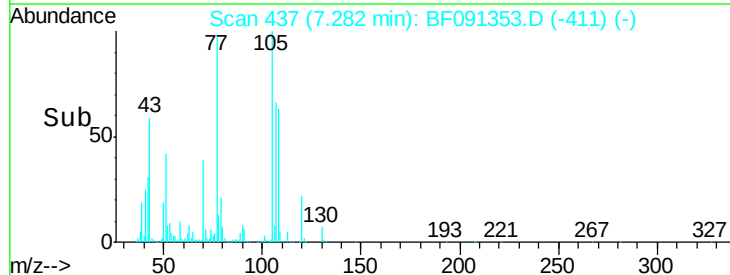
Abundance

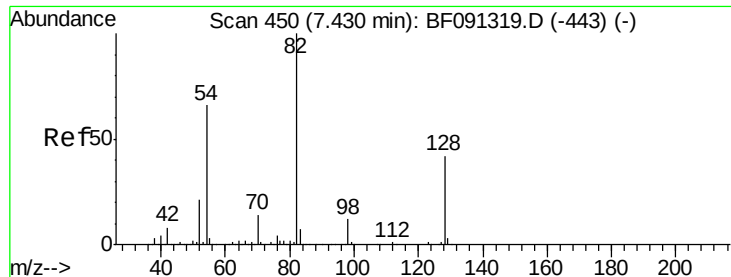
Ion 105.00 (104.70 to 105.70): E

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

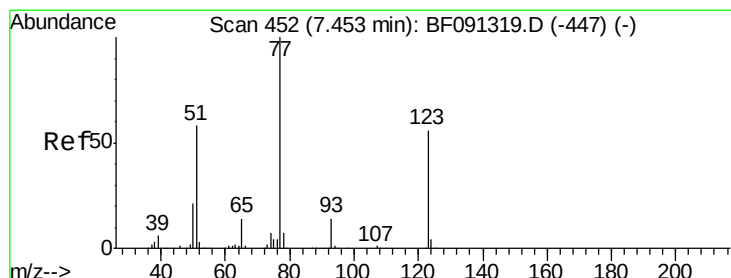
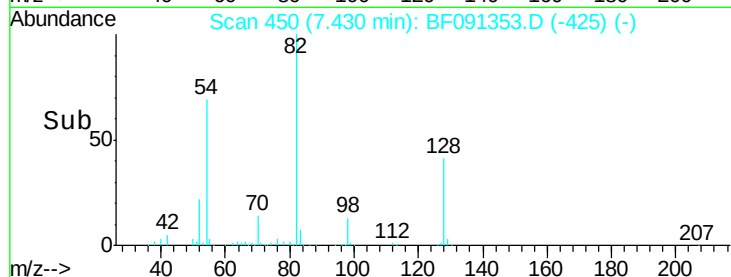
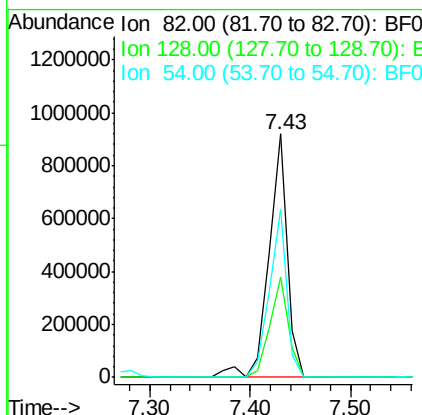
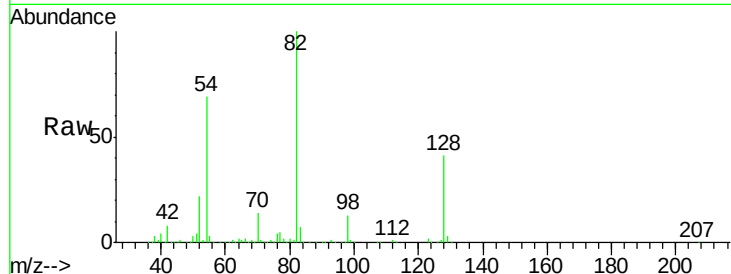




#23
 Nitrobenzene-d5
 Concen: 83.84 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

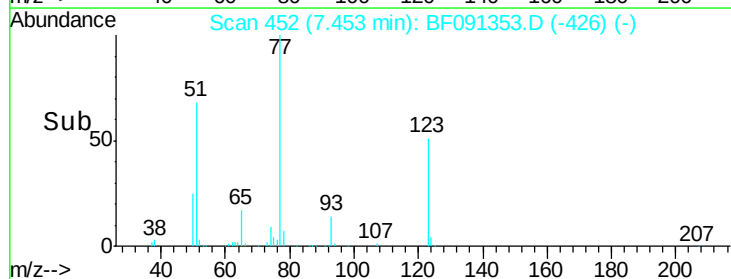
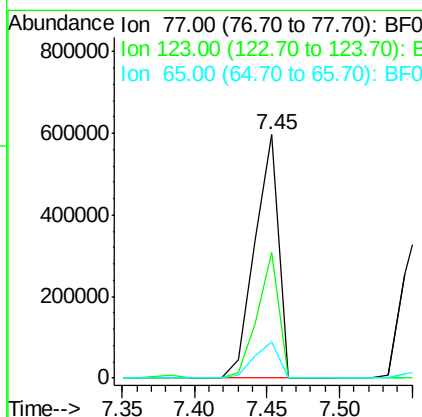
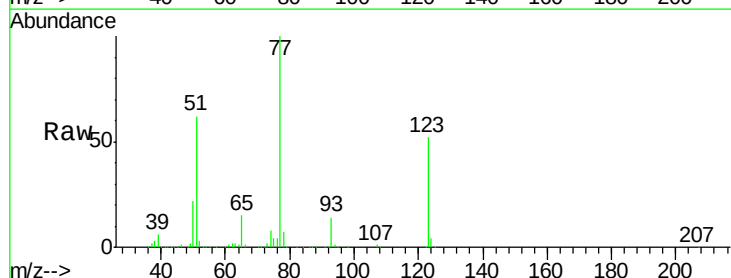
Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

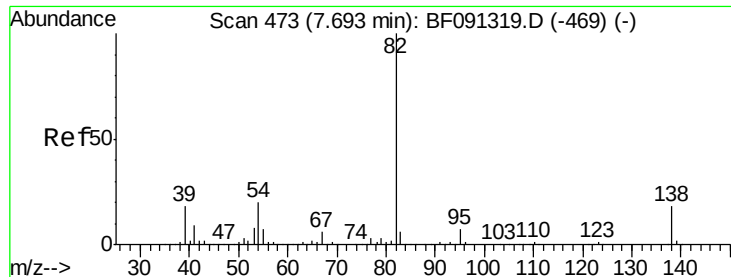
Tgt Ion: 82 Resp: 1169099
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.8 47.6
 54 68.9 49.1 73.7



#24
 Nitrobenzene
 Concen: 47.09 ng
 RT: 7.45 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion: 77 Resp: 672188
 Ion Ratio Lower Upper
 77 100
 123 51.7 28.5 42.7#
 65 15.0 12.5 18.7





#25

Isophorone

Concen: 47.25 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

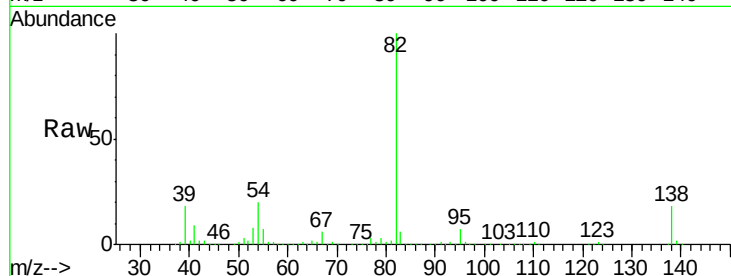
Tgt Ion: 82 Resp: 1167119

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

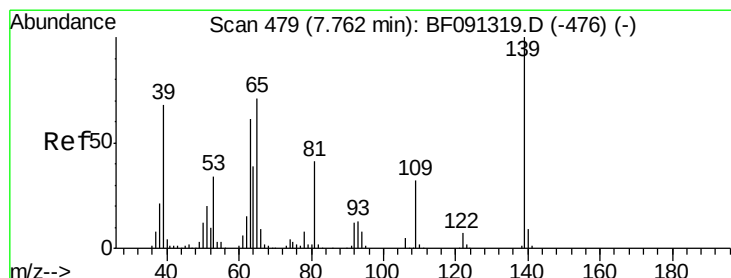
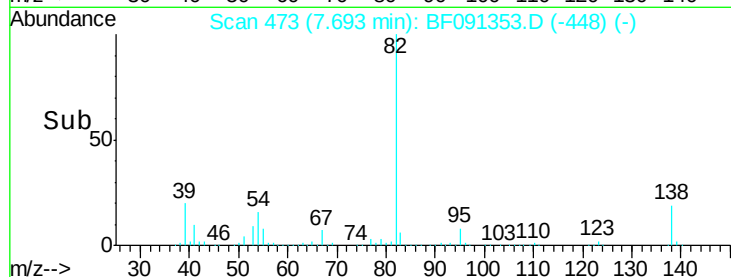
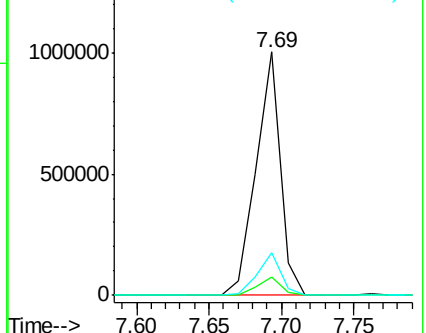
138 17.5 13.4 20.0



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: 43.71 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

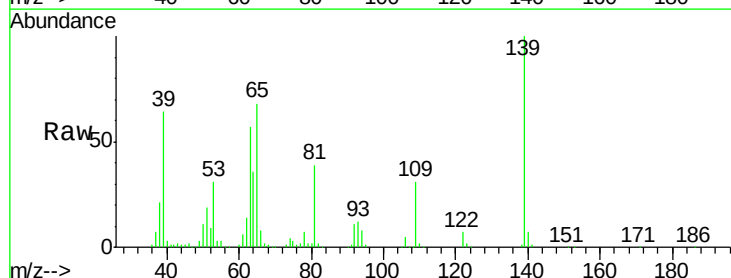
Tgt Ion: 139 Resp: 284391

Ion Ratio Lower Upper

139 100

109 30.7 25.3 37.9

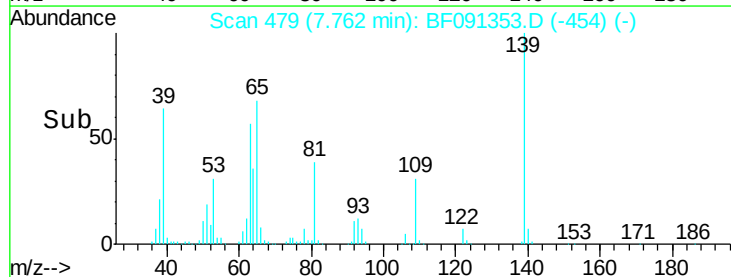
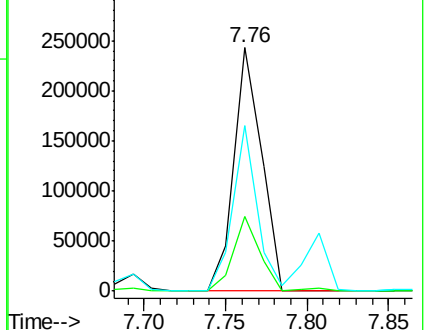
65 68.0 55.4 83.2

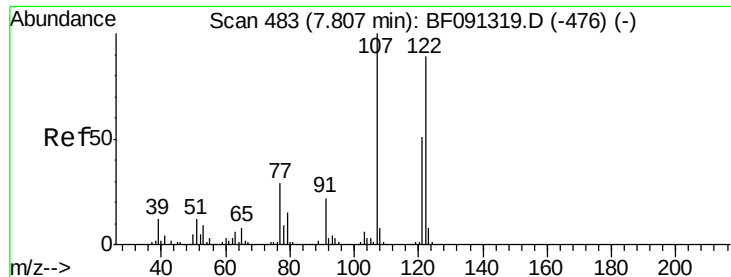


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.94 ng

RT: 7.81 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

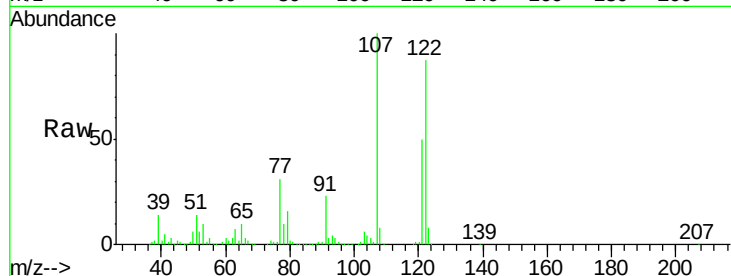
Tgt Ion:122 Resp: 546964

Ion Ratio Lower Upper

122 100

107 114.8 96.8 145.2

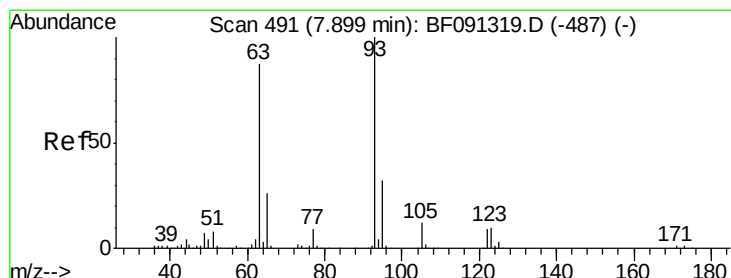
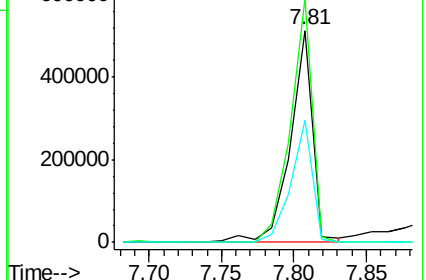
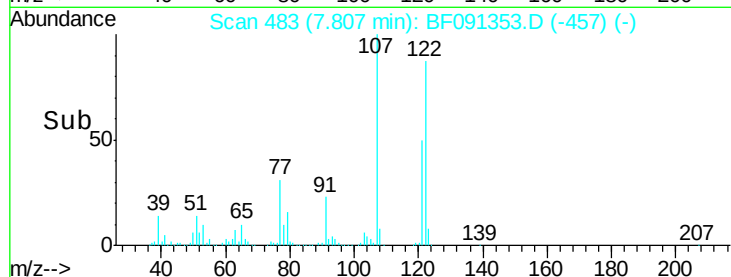
121 57.6 47.7 71.5



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: 47.05 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

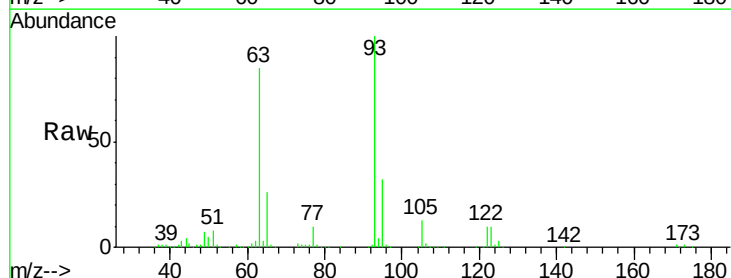
Tgt Ion: 93 Resp: 699647

Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

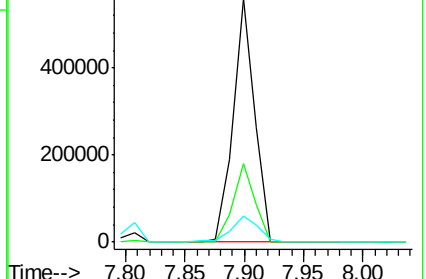
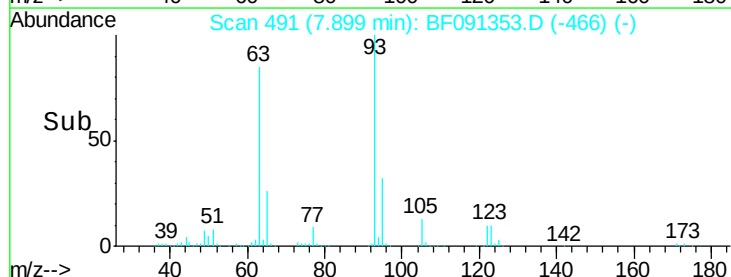
123 10.4 8.6 12.8

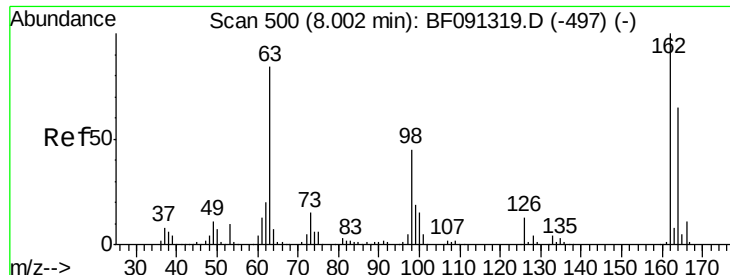


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

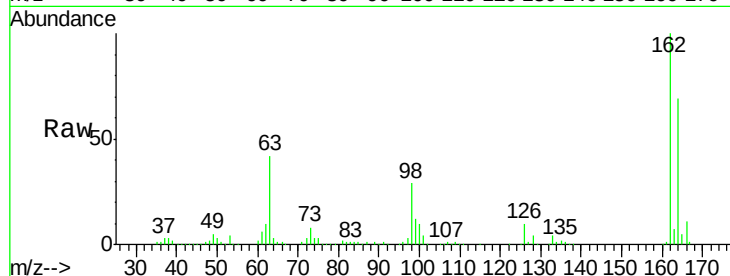




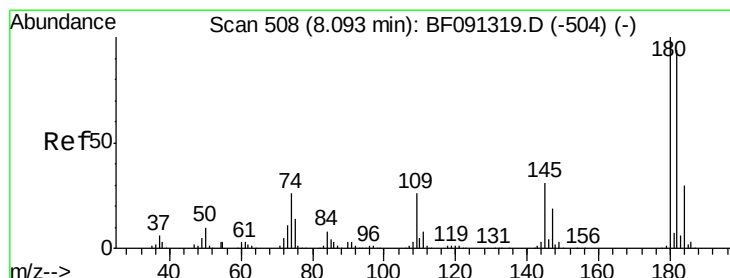
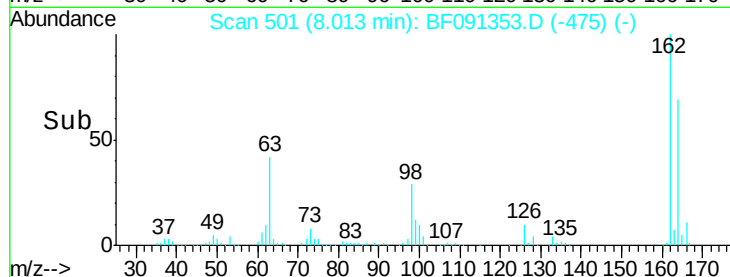
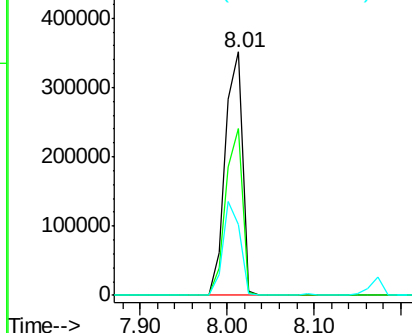
#29
 2,4-Dichlorophenol
 Concen: 45.31 ng
 RT: 8.01 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.6	45.0	85.0
98	29.1	21.3	61.3

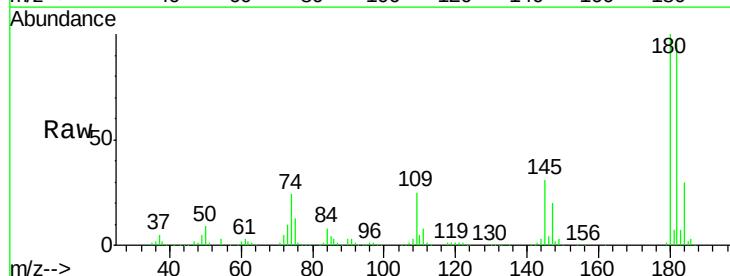


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

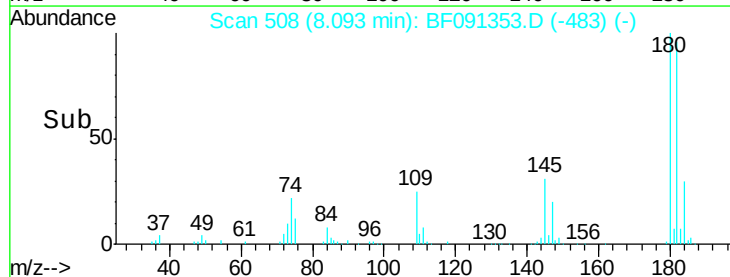
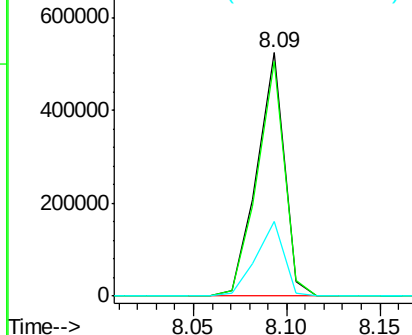


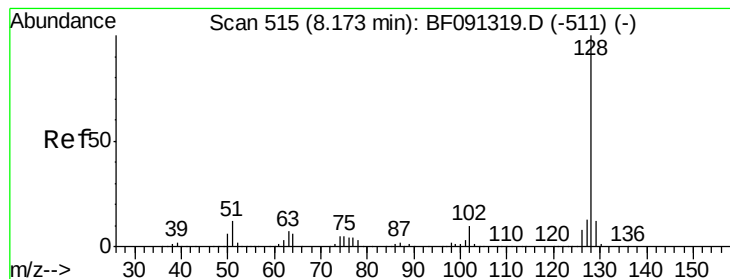
#30
 1,2,4-Trichlorobenzene
 Concen: 44.33 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.8	113.8
145	30.8	27.0	40.4



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





#31

Naphthalene

Concen: 43.93 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

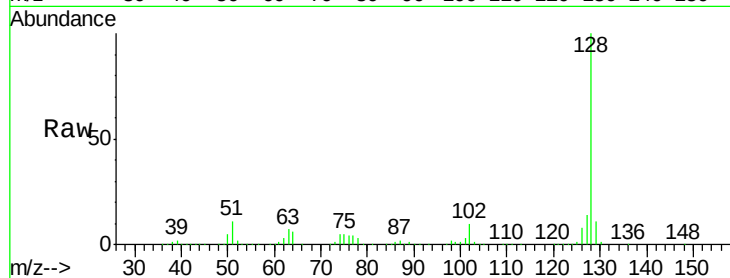
Tgt Ion:128 Resp: 1631369

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

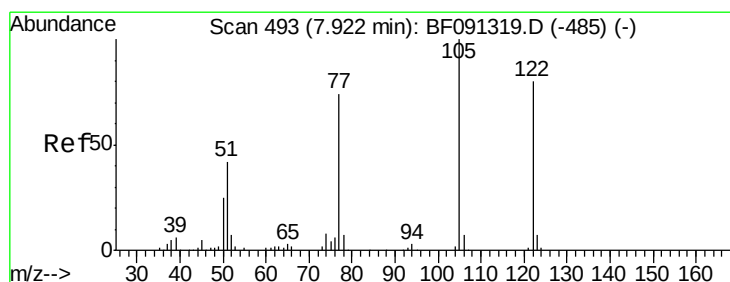
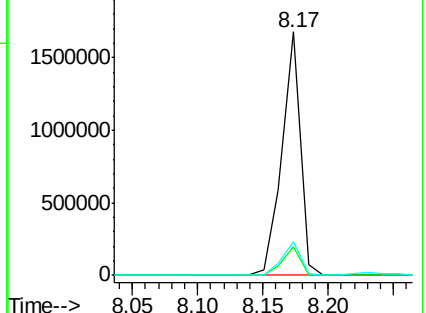
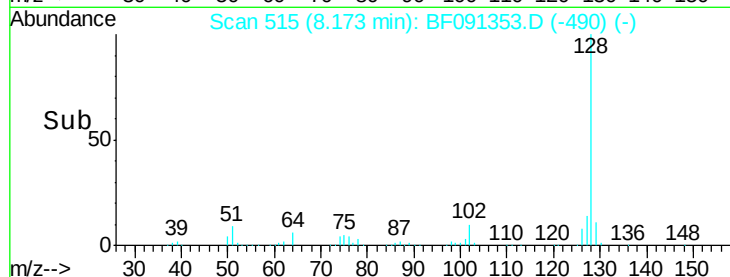
127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.25 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

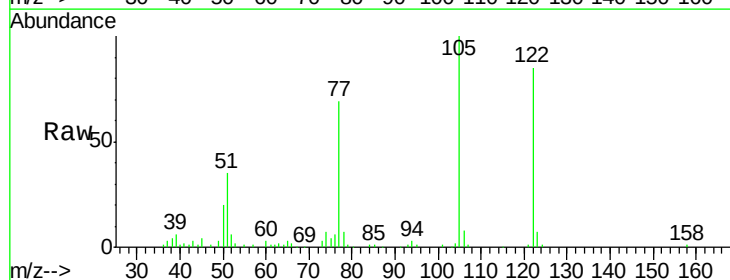
Tgt Ion:122 Resp: 253457

Ion Ratio Lower Upper

122 100

105 117.7 113.0 153.0

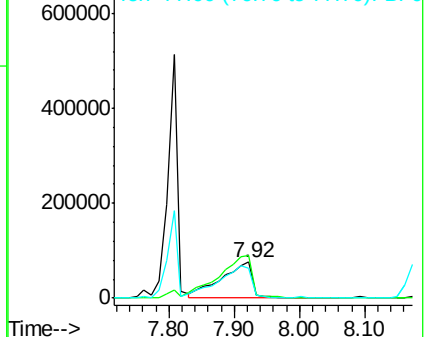
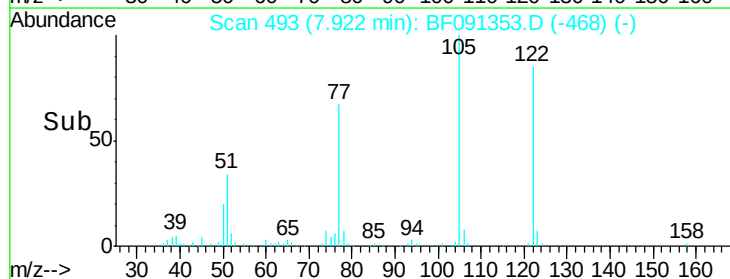
77 81.5 82.0 122.0#

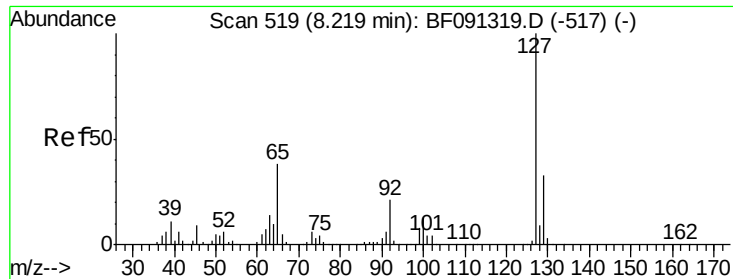


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

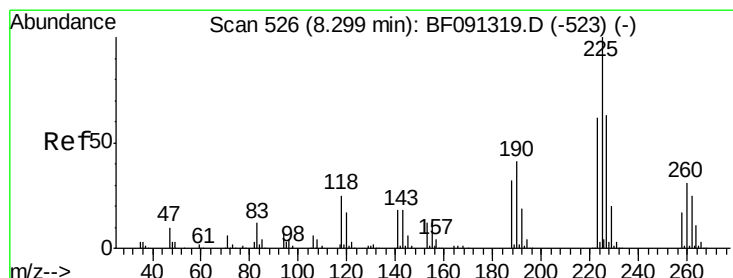
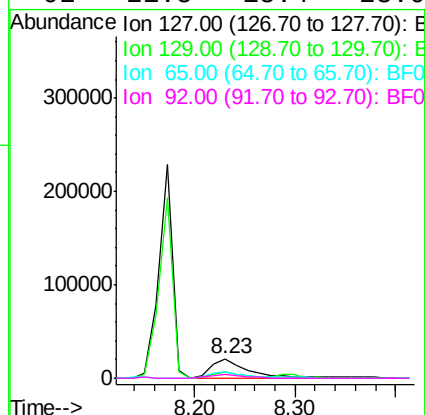
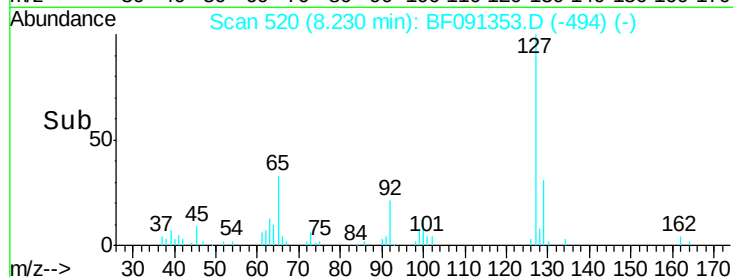
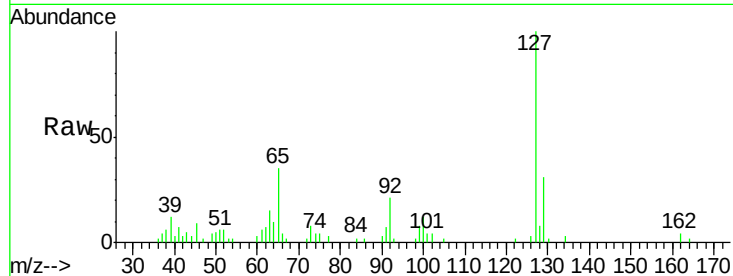




#33
4-Chloroaniline
Concen: 3.41 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

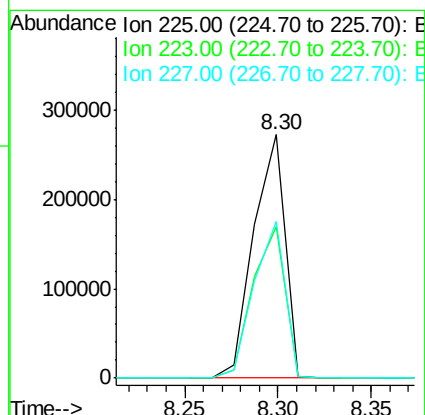
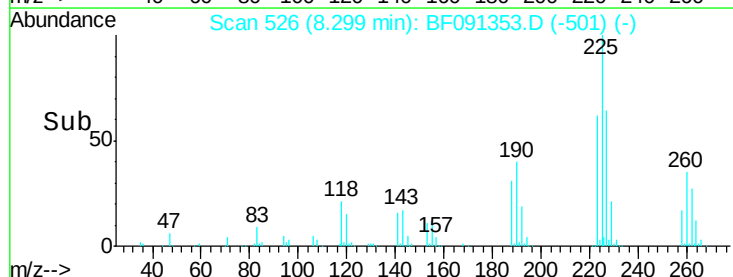
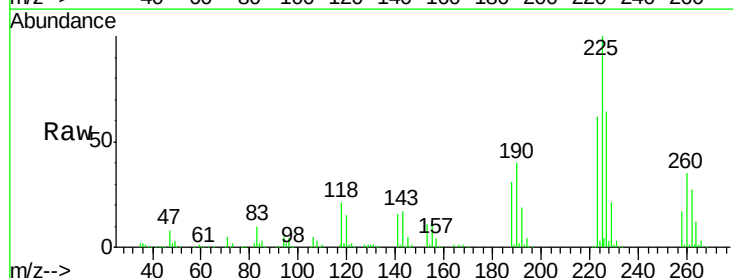
Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

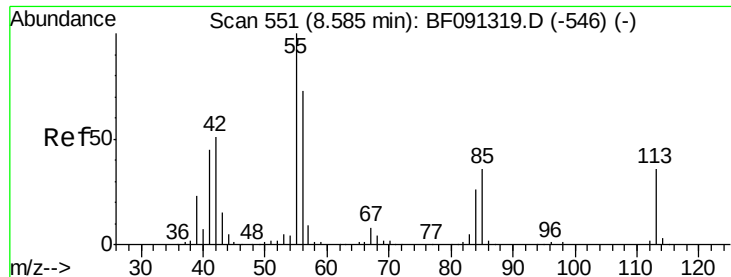
Tgt Ion:	127	Resp:	54104
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.4
65	35.4	26.6	39.8
92	21.5	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.97 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion:	225	Resp:	317163
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	64.4	52.6	79.0

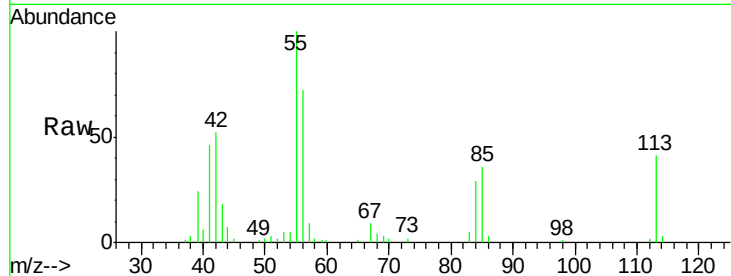




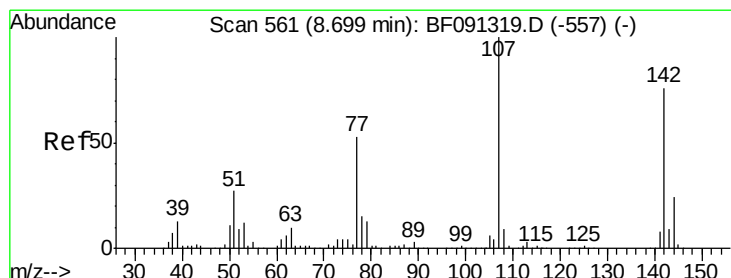
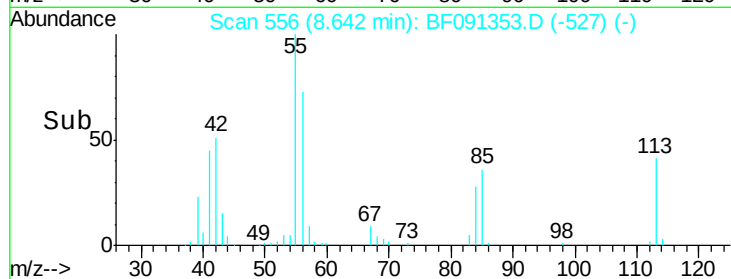
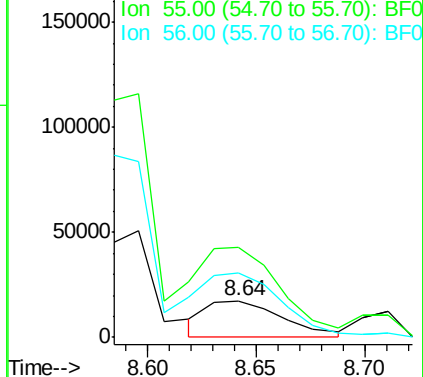
#35
 Caprolactam
 Concen: 13.36 ng
 RT: 8.64 min Scan# 556
 Delta R.T. 0.03 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tgt Ion:113 Resp: 41100
 Ion Ratio Lower Upper
 113 100
 55 246.8 239.8 279.8
 56 177.4 165.6 205.6

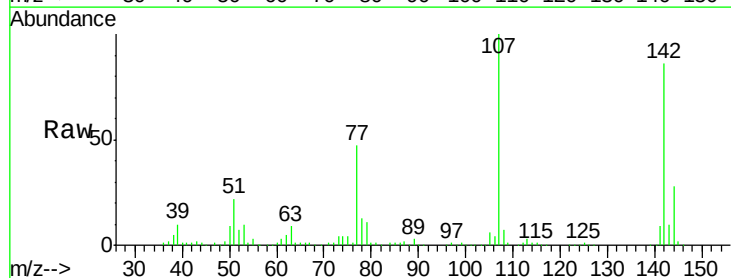


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

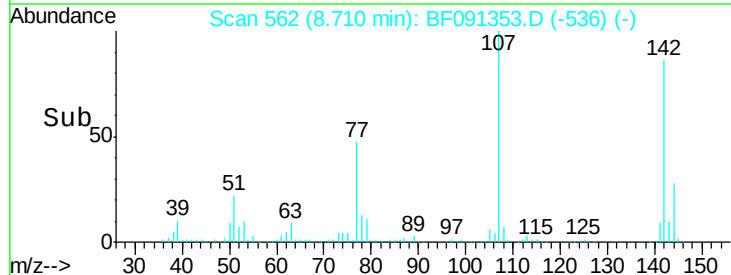
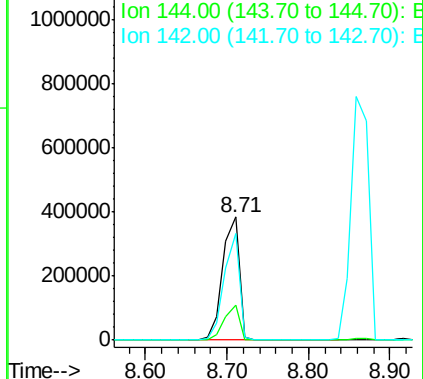


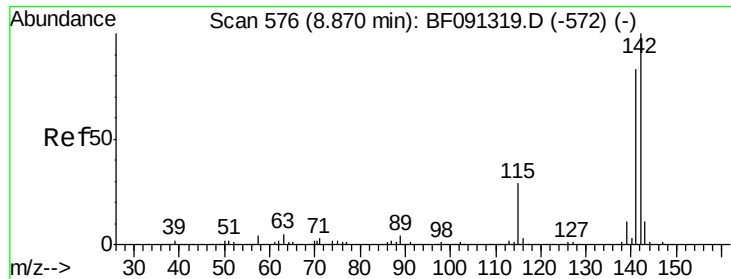
#36
 4-Chloro-3-methylphenol
 Concen: 46.68 ng
 RT: 8.71 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion:107 Resp: 539519
 Ion Ratio Lower Upper
 107 100
 144 28.3 18.9 28.3
 142 86.2 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

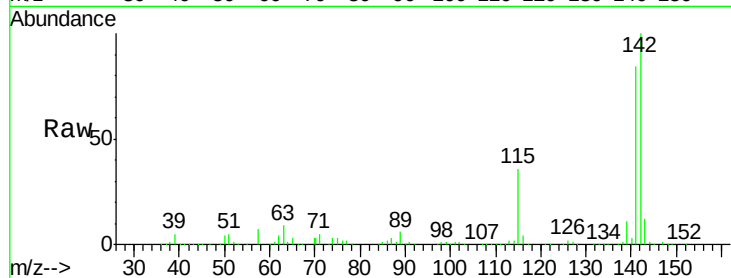




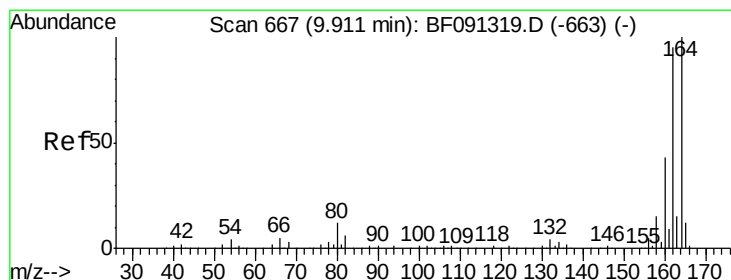
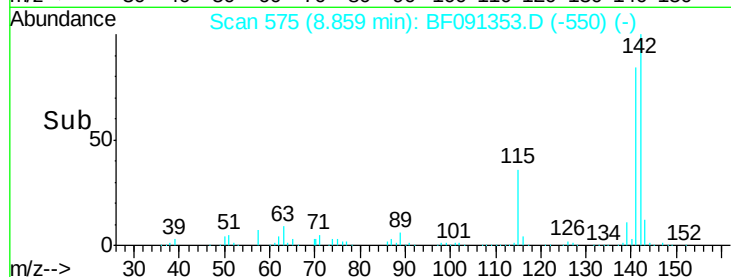
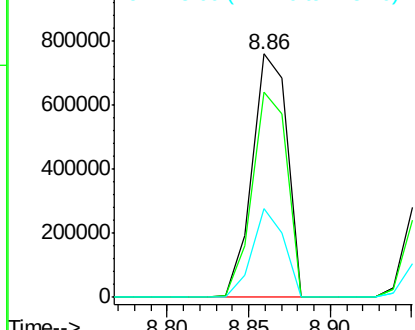
#37
 2-Methylnaphthalene
 Concen: 44.61 ng
 RT: 8.86 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tgt Ion:142 Resp: 1125550
 Ion Ratio Lower Upper
 142 100
 141 84.3 71.7 107.5
 115 36.4 25.0 37.6

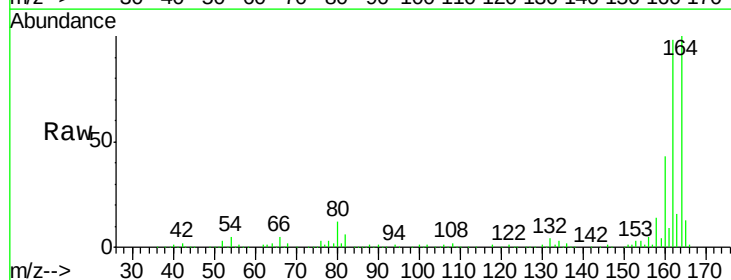


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

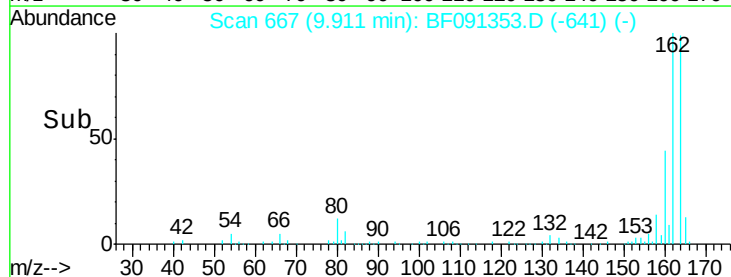
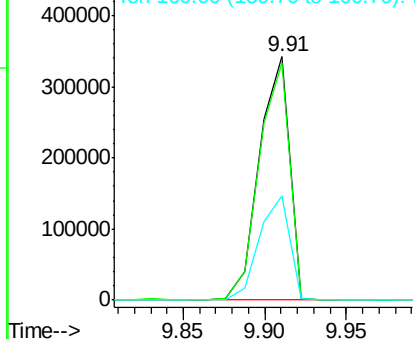


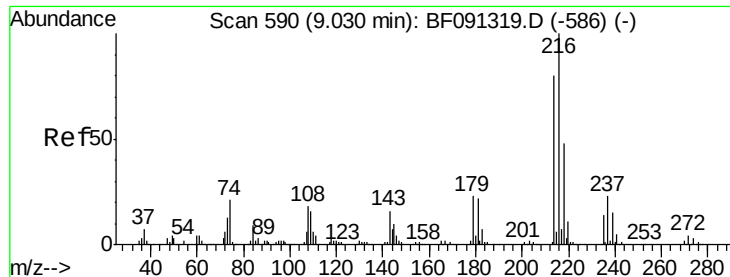
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion:164 Resp: 440803
 Ion Ratio Lower Upper
 164 100
 162 97.6 82.6 124.0
 160 42.7 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.25 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

Tgt Ion:216 Resp: 500143

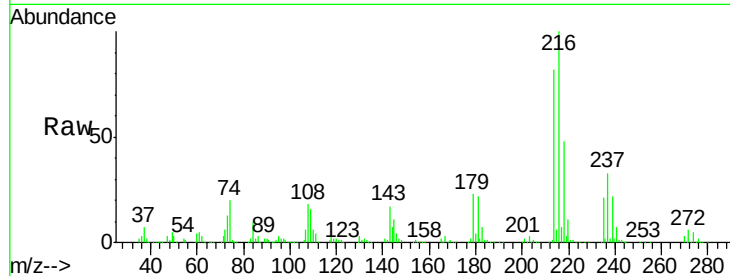
Ion Ratio Lower Upper

216 100

214 81.2 63.8 95.8

179 22.6 18.2 27.2

108 21.0 17.2 25.8

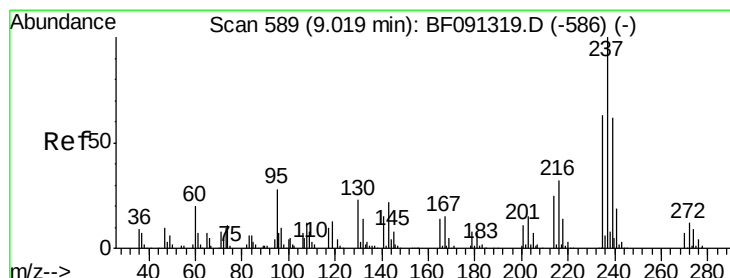
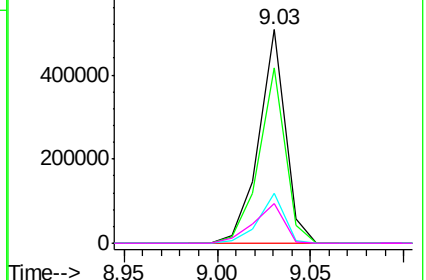
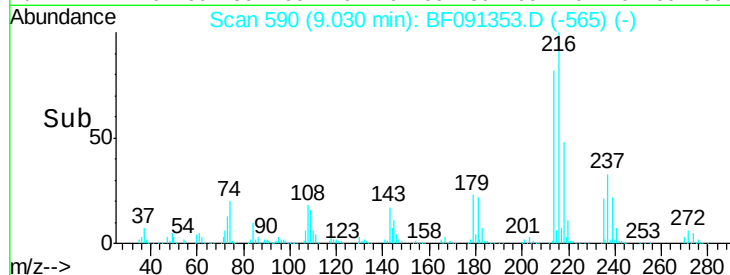


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.66 ng

RT: 9.02 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

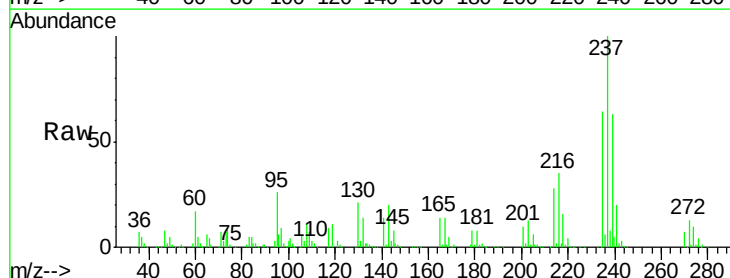
Tgt Ion:237 Resp: 493380

Ion Ratio Lower Upper

237 100

235 64.0 43.9 83.9

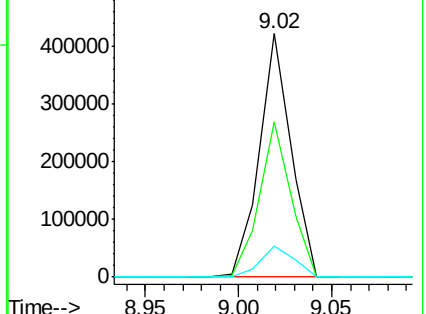
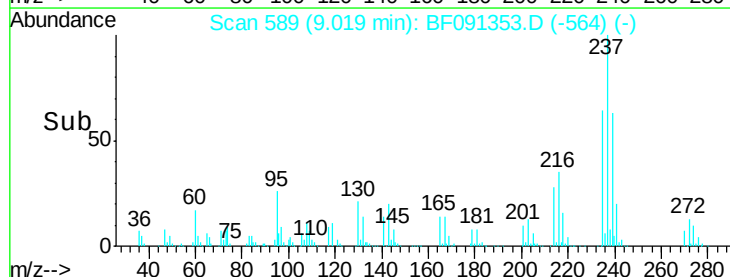
272 12.7 0.0 33.1

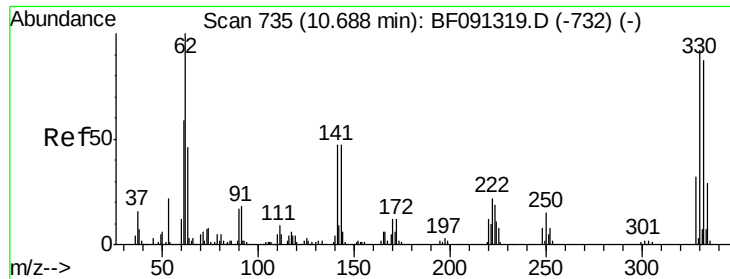


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

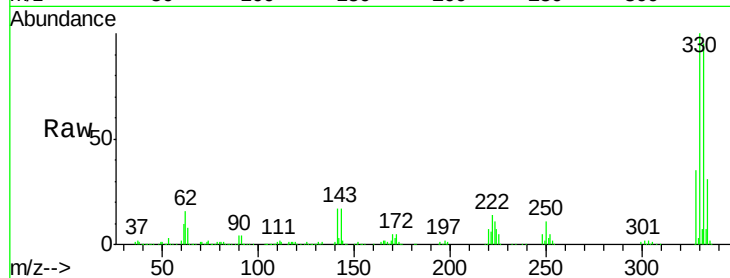




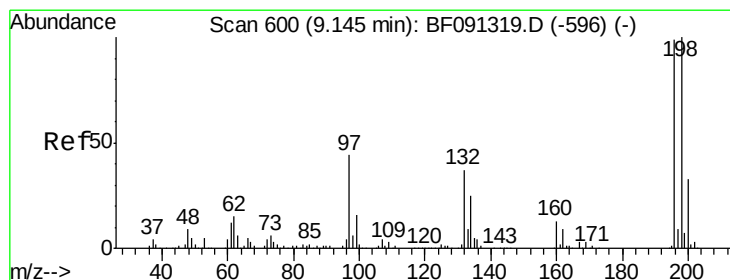
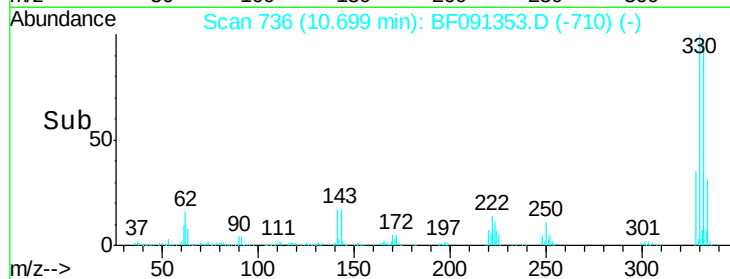
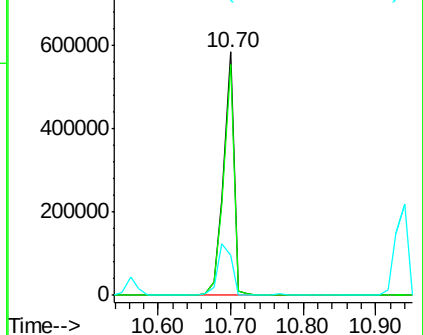
#41
 2,4,6-Tribromophenol
 Concen: 142.65 ng
 RT: 10.70 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tgt Ion:330 Resp: 595287
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.2 114.4
 141 28.5 33.6 50.4#

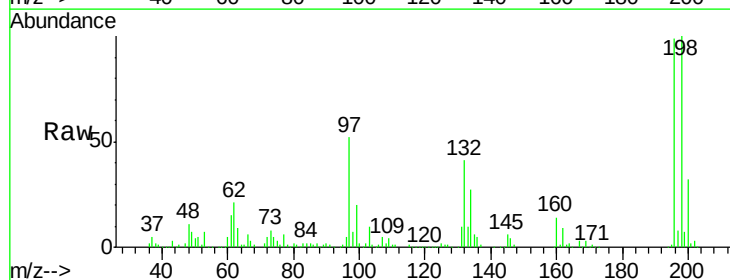


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

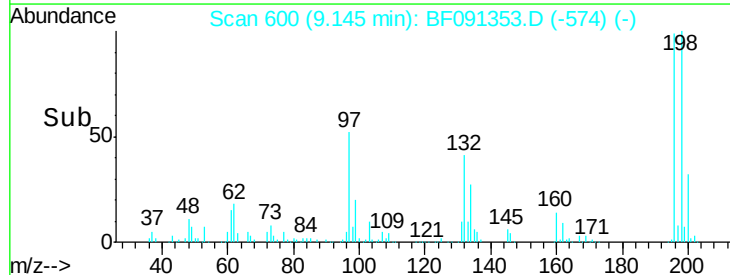
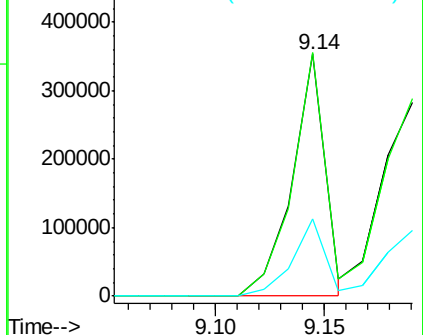


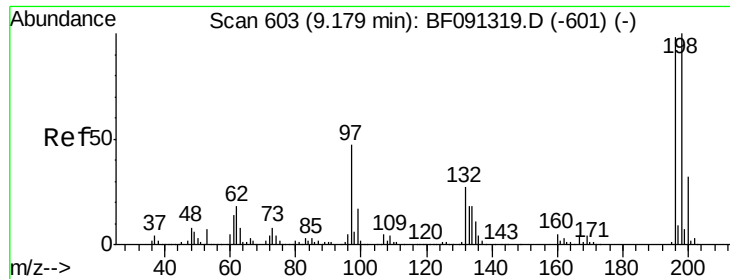
#42
 2,4,6-Trichlorophenol
 Concen: 46.08 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion:196 Resp: 372171
 Ion Ratio Lower Upper
 196 100
 198 100.6 77.4 116.0
 200 32.2 25.2 37.8



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

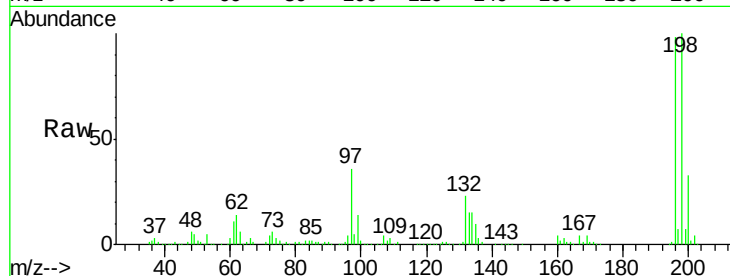




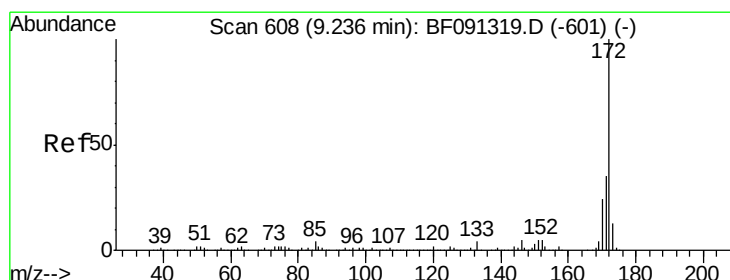
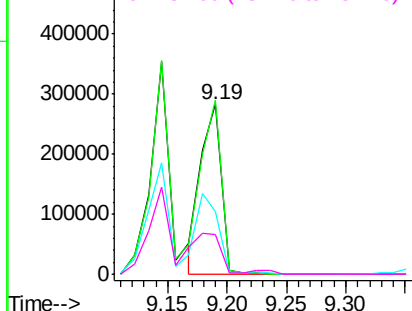
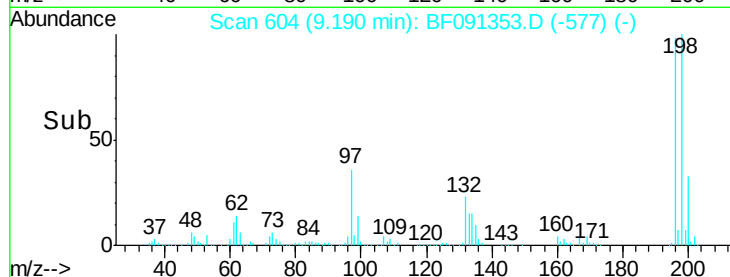
#43
 2,4,5-Trichlorophenol
 Concen: 42.42 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tgt Ion:196 Resp: 343333
 Ion Ratio Lower Upper
 196 100
 198 102.1 77.0 115.6
 97 36.6 33.5 50.3
 132 23.4 20.5 30.7

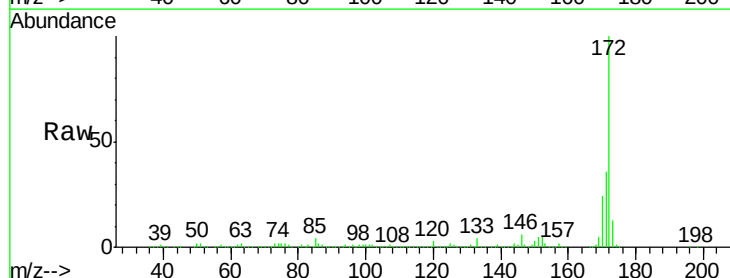


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

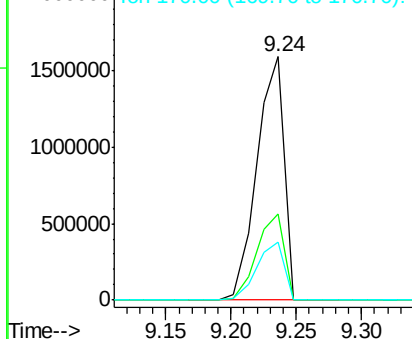
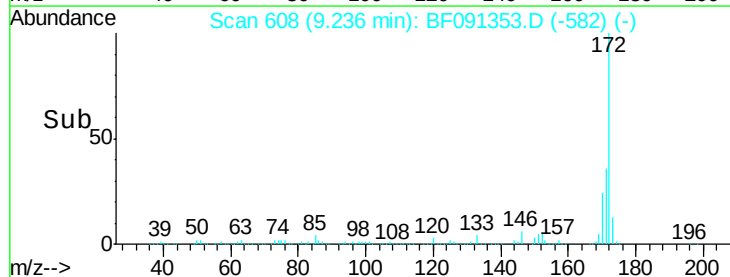


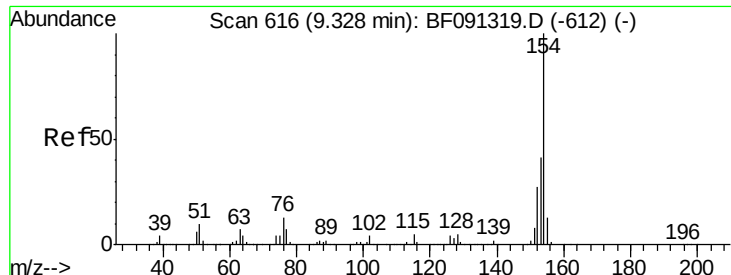
#44
 2-Fluorobiphenyl
 Concen: 95.02 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion:172 Resp: 2313165
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.0 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

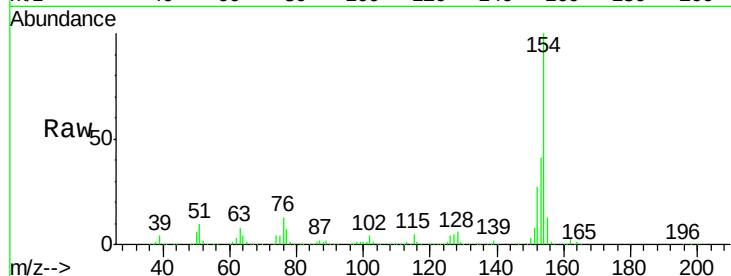




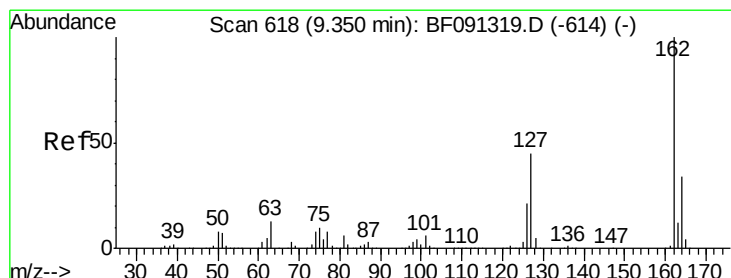
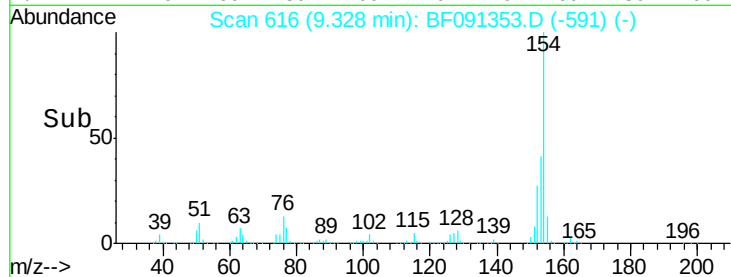
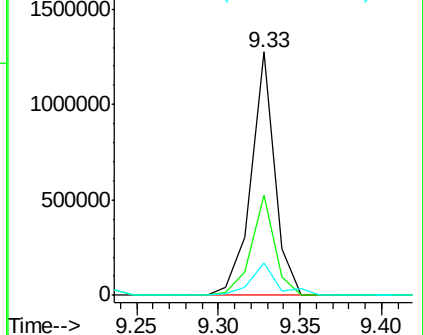
#45
 1,1'-Biphenyl
 Concen: 40.37 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tgt Ion:154 Resp: 1279467
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.6 60.6
 76 13.1 0.0 36.6

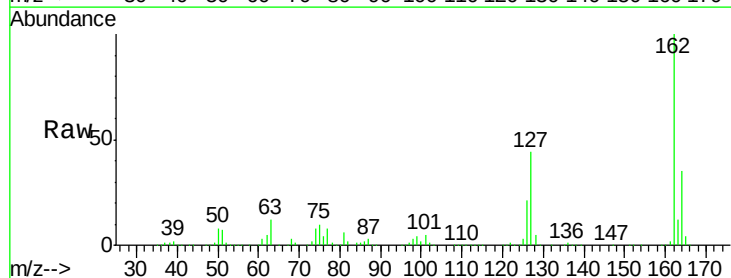


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

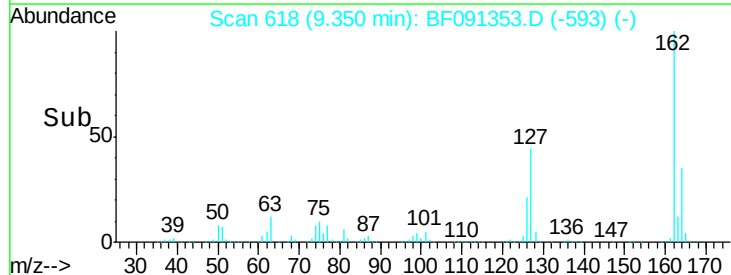
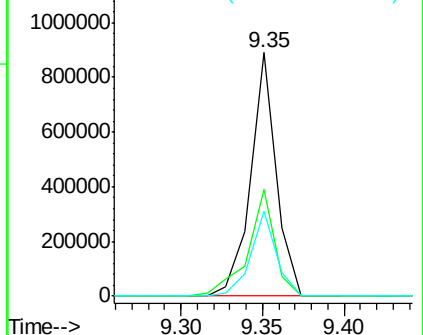


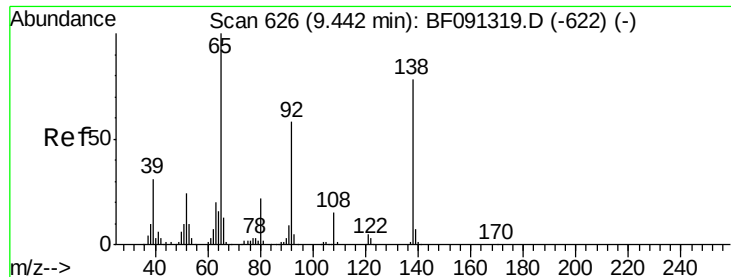
#46
 2-Chloronaphthalene
 Concen: 41.01 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion:162 Resp: 968064
 Ion Ratio Lower Upper
 162 100
 127 44.0 34.3 51.5
 164 35.1 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

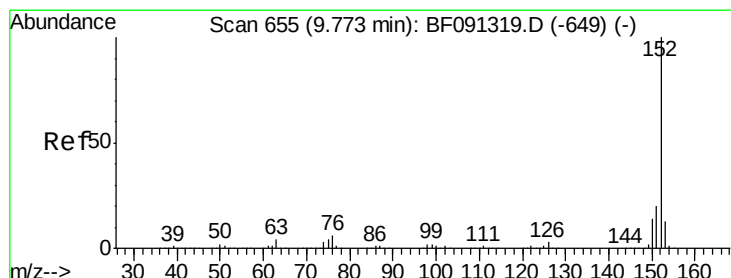
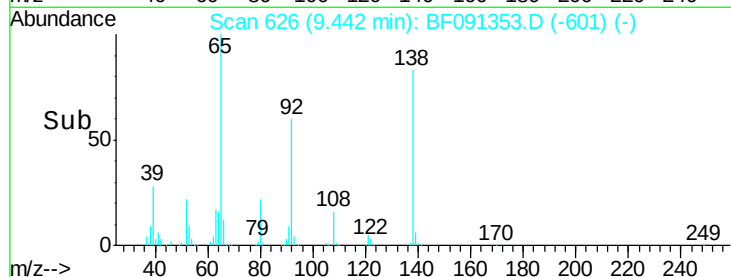
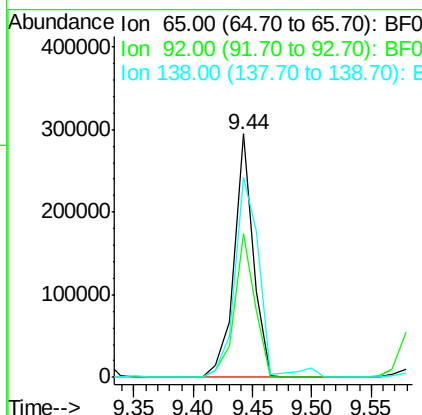
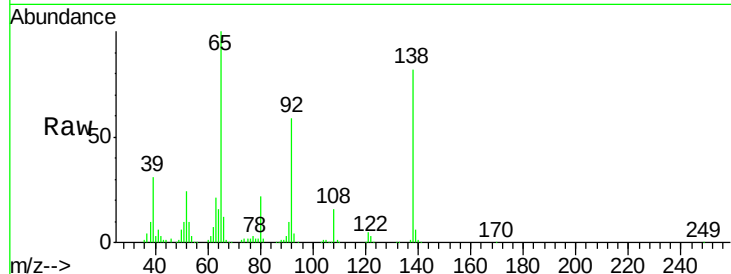




#47
2-Nitroaniline
Concen: 38.97 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

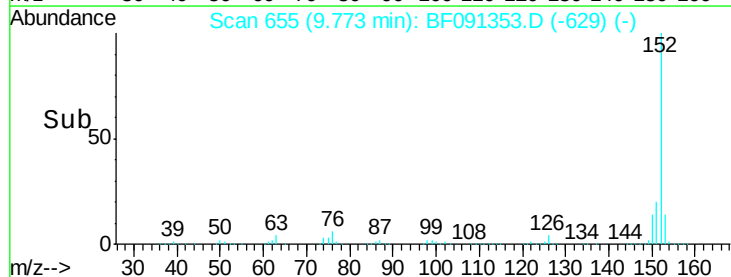
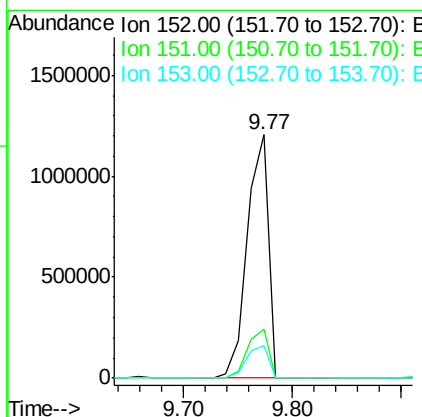
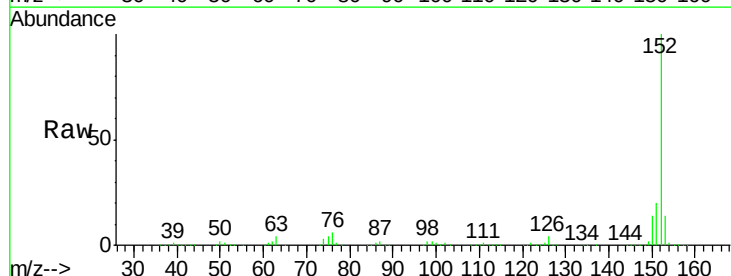
Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

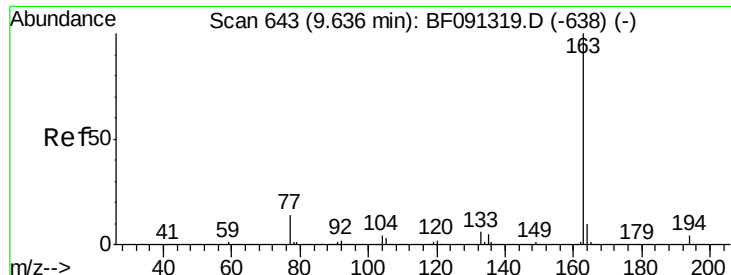
Tgt Ion: 65 Resp: 330383
Ion Ratio Lower Upper
65 100
92 59.3 53.6 80.4
138 81.9 91.0 136.6#



#48
Acenaphthylene
Concen: 43.64 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion: 152 Resp: 1621521
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 48.25 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

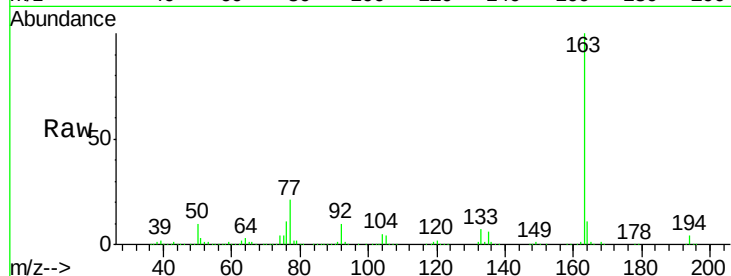
Tgt Ion:163 Resp: 1287912

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

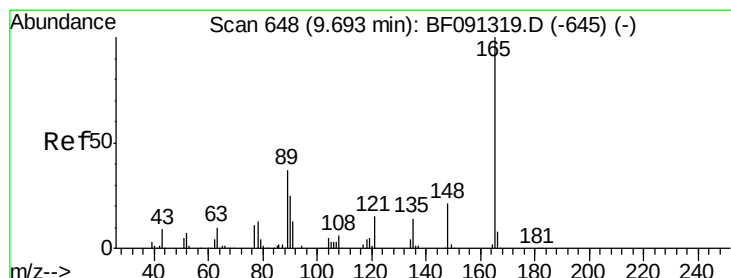
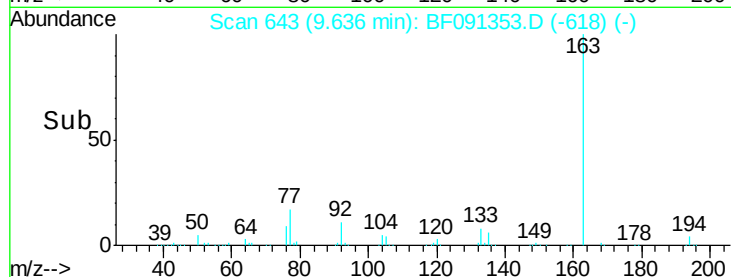
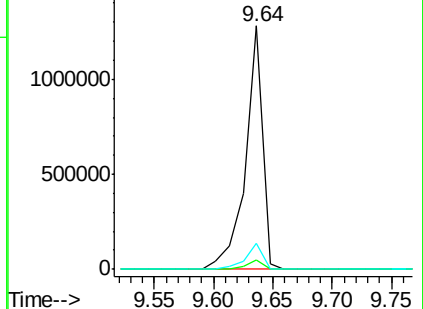
164 10.8 7.8 11.8



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: 51.46 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

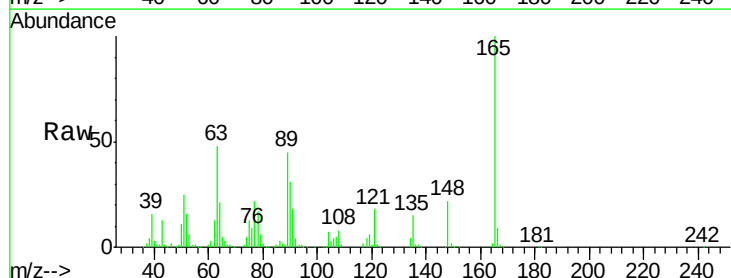
Tgt Ion:165 Resp: 306992

Ion Ratio Lower Upper

165 100

63 47.9 59.4 89.0#

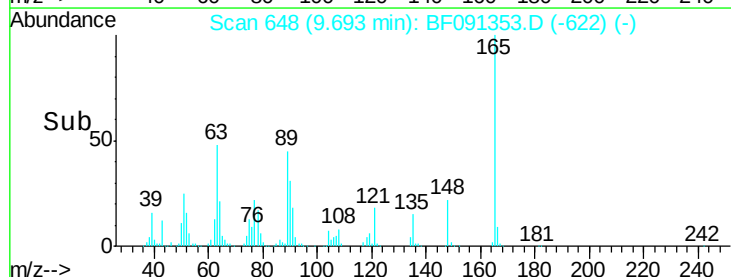
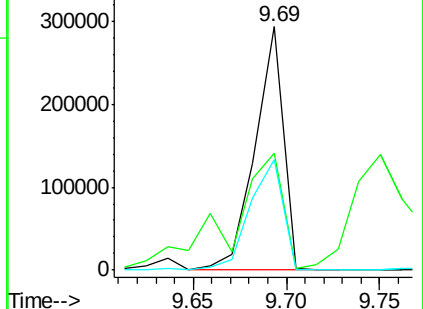
89 45.2 50.8 76.2#

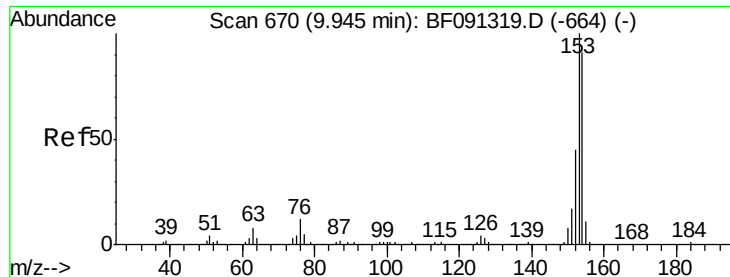


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.29 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

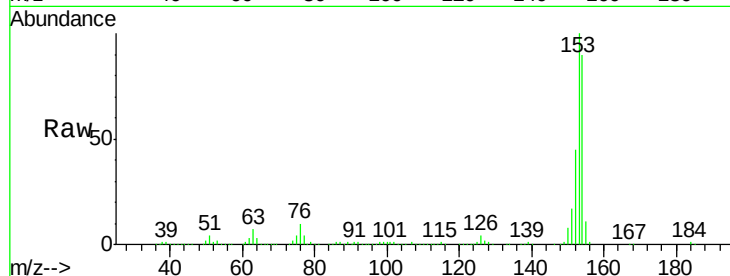
Tgt Ion:154 Resp: 1110171

Ion Ratio Lower Upper

154 100

153 111.3 91.0 136.6

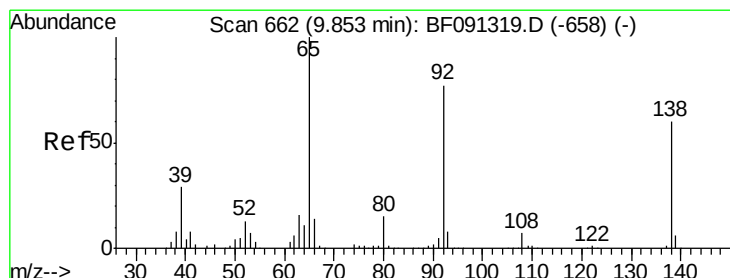
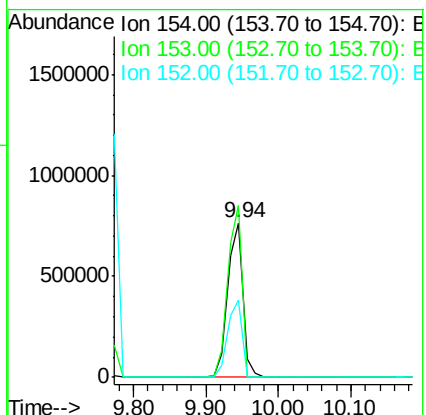
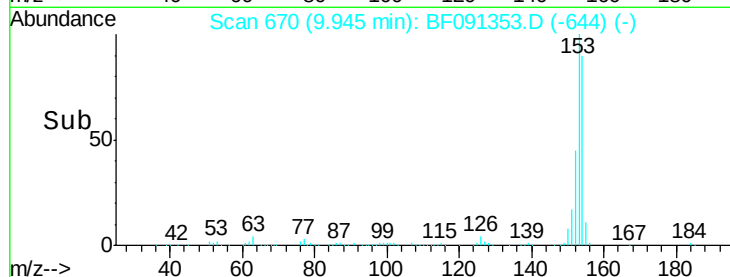
152 50.4 44.2 66.2



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: 11.18 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

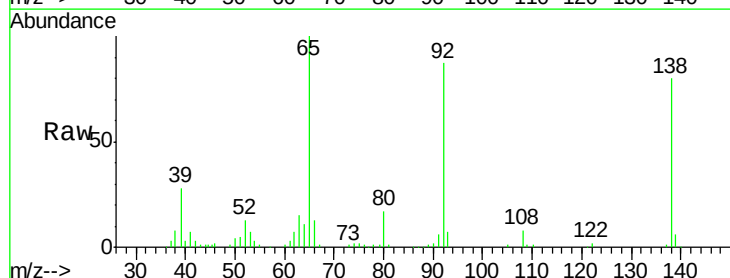
Tgt Ion:138 Resp: 77168

Ion Ratio Lower Upper

138 100

108 10.5 8.1 12.1

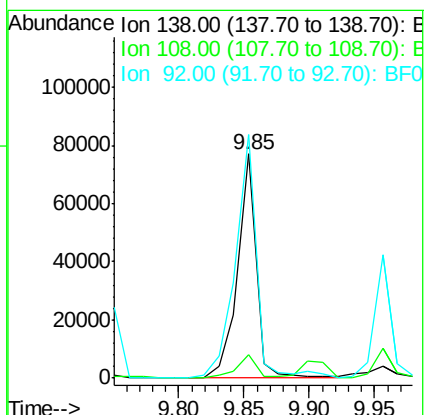
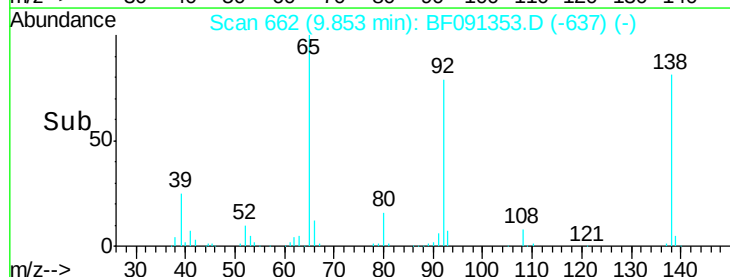
92 108.7 92.5 138.7

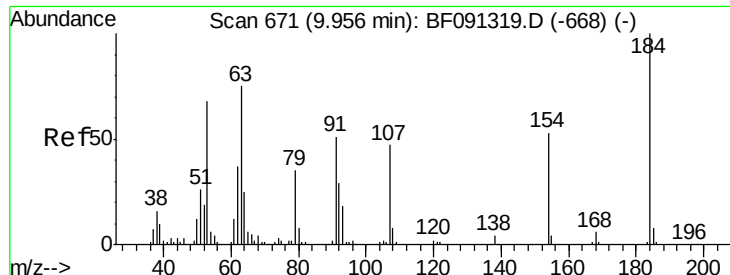


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

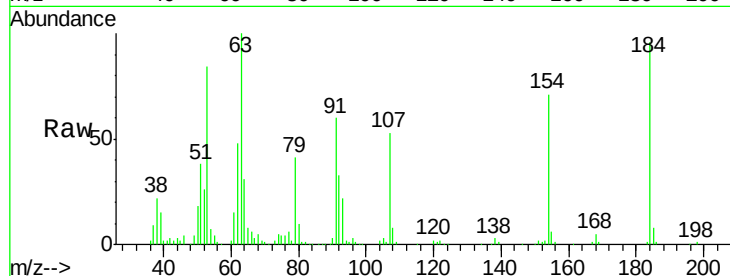




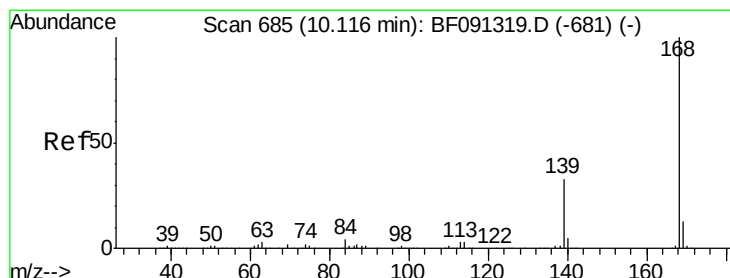
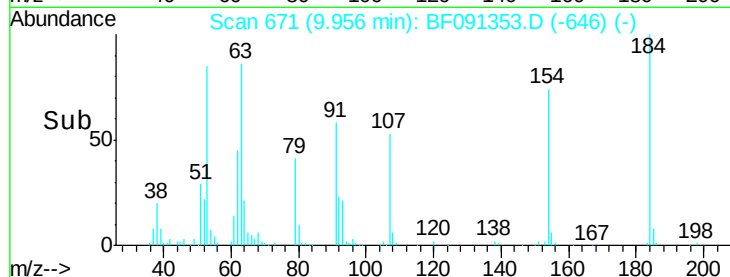
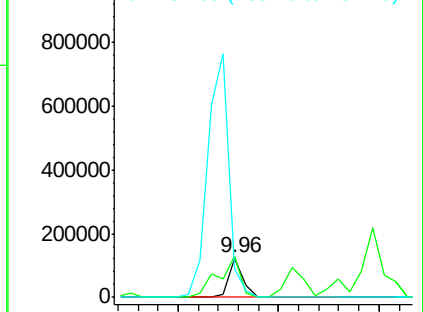
#53
2,4-Dinitrophenol
Concen: 47.07 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tgt Ion:184 Resp: 122790
Ion Ratio Lower Upper
184 100
63 103.8 58.3 87.5#
154 74.1 48.6 73.0#

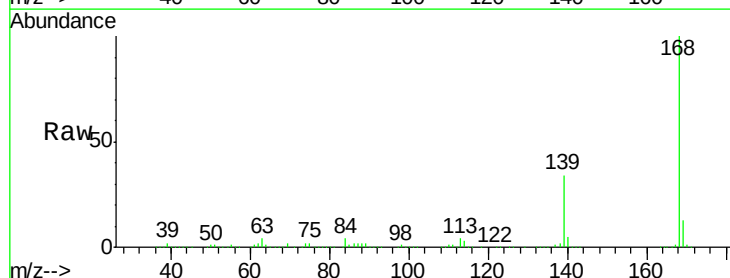


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

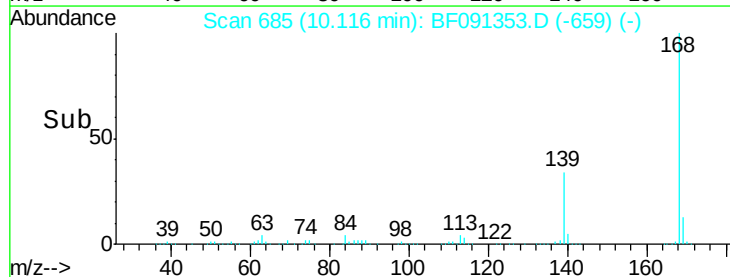
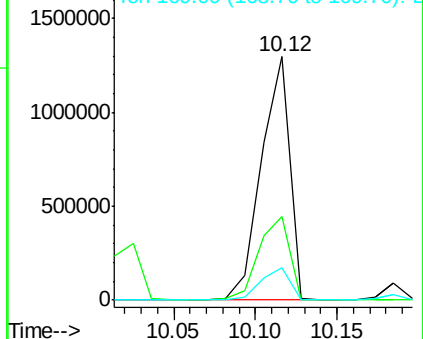


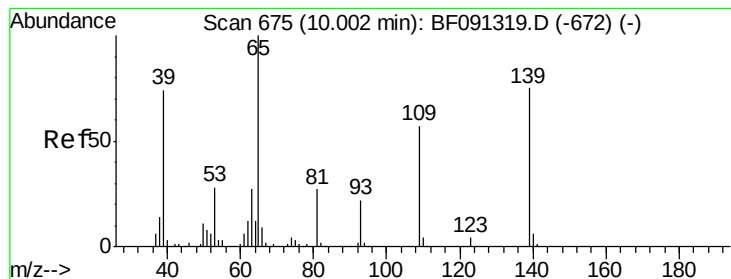
#54
Dibenzofuran
Concen: 46.65 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion:168 Resp: 1565451
Ion Ratio Lower Upper
168 100
139 34.4 33.4 50.2
169 13.3 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 84.73 ng

RT: 10.02 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

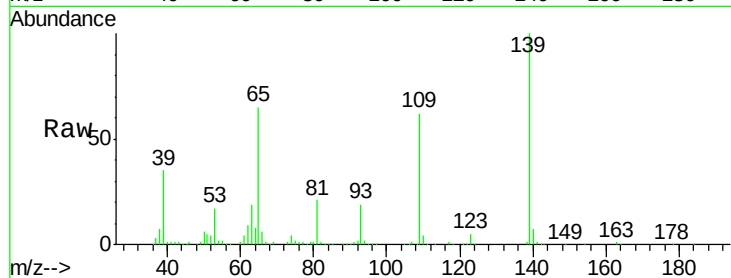
Tgt Ion:139 Resp: 422587

Ion Ratio Lower Upper

139 100

109 61.9 54.9 94.9

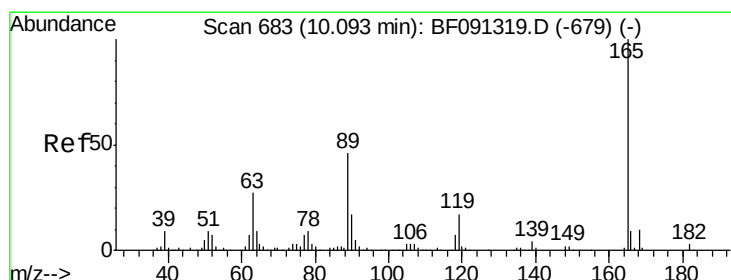
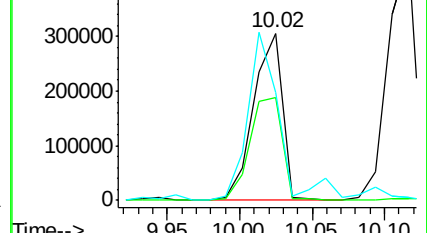
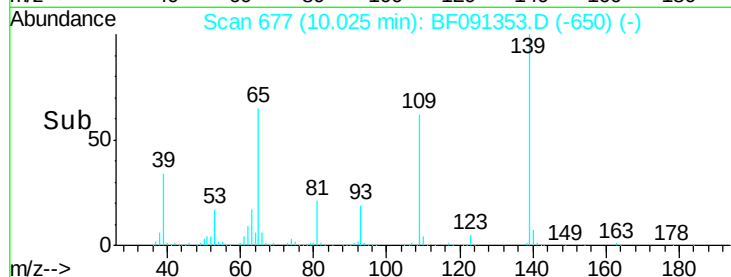
65 64.9 102.2 142.2#



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: 49.65 ng

RT: 10.09 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Tgt Ion:165 Resp: 384226

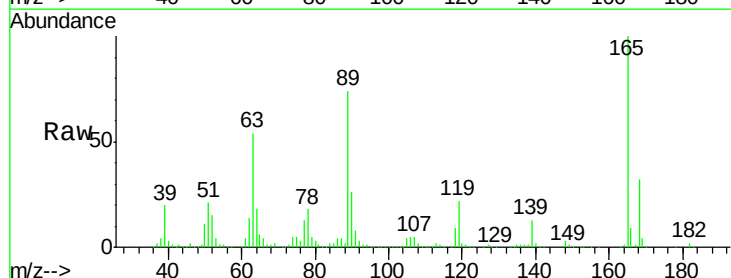
Ion Ratio Lower Upper

165 100

63 53.5 29.0 43.4#

89 74.3 43.1 64.7#

182 2.4 1.9 2.9

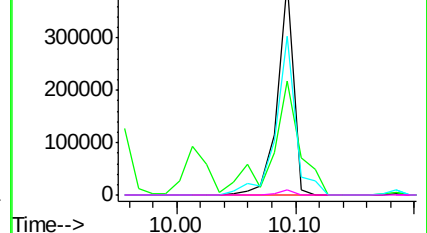
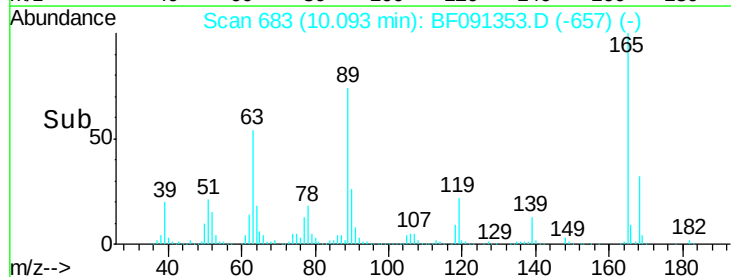


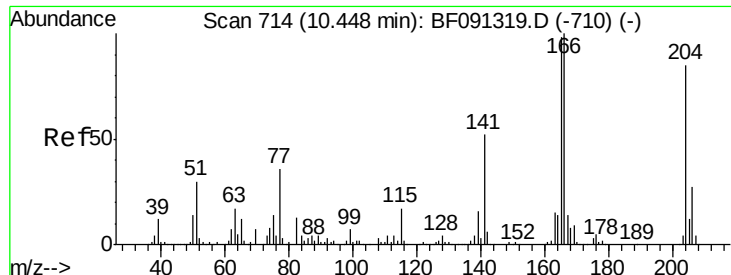
Abundance Ion 165.00 (164.70 to 165.70): E

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

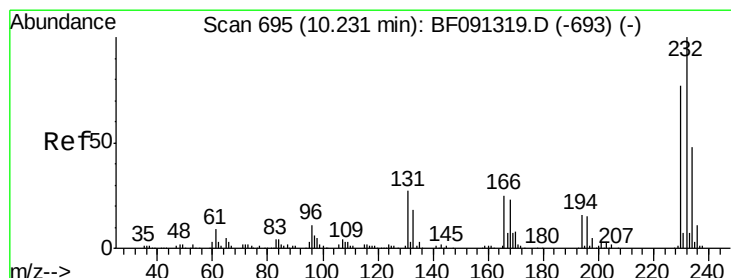
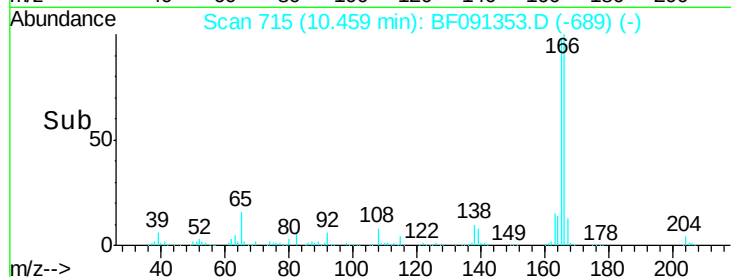
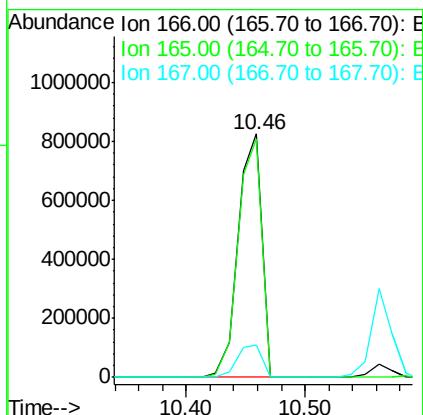
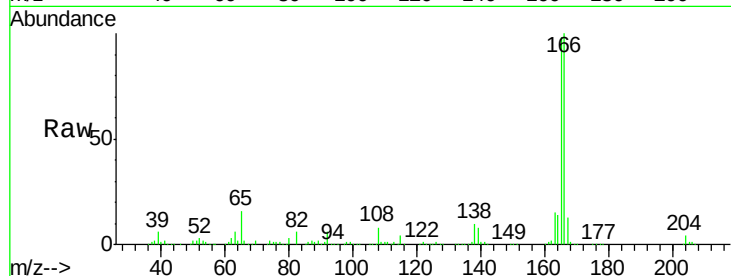




#57
Fluorene
 Concen: 44.27 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

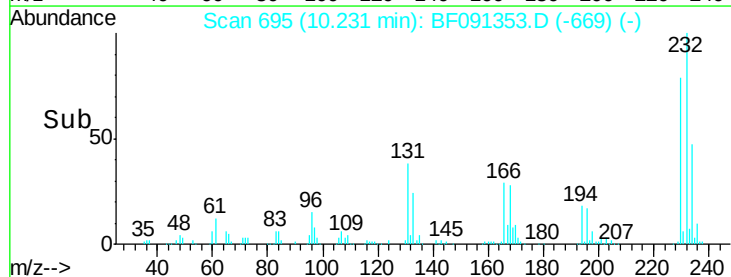
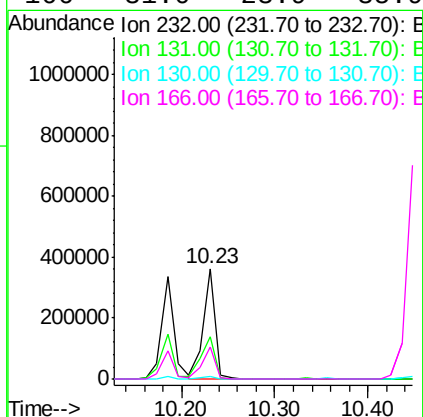
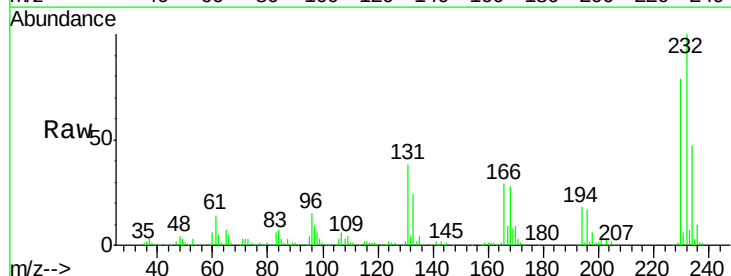
Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

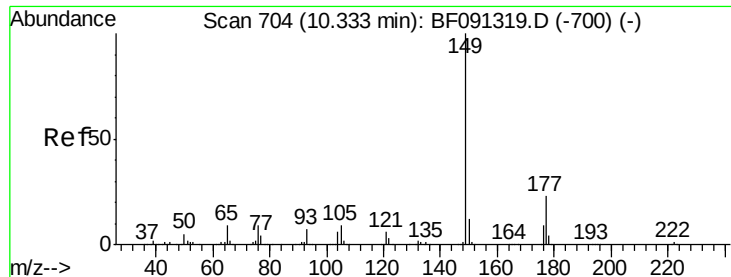
Tgt Ion:166 Resp: 1140602
 Ion Ratio Lower Upper
 166 100
 165 97.9 80.0 120.0
 167 13.1 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.85 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion:232 Resp: 330670
 Ion Ratio Lower Upper
 232 100
 131 44.1 38.4 57.6
 130 2.1 1.8 2.8
 166 31.0 23.9 35.9

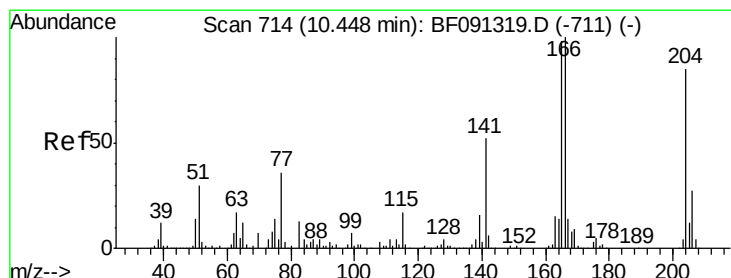
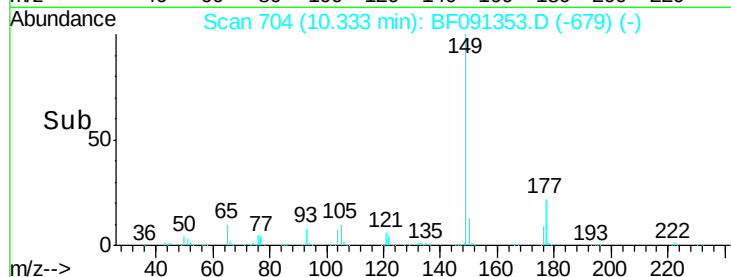
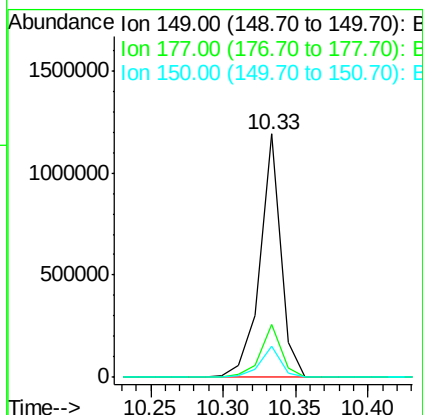
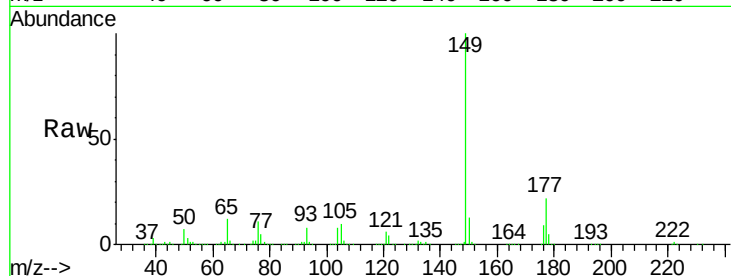




#59
Diethylphthalate
Concen: 44.95 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

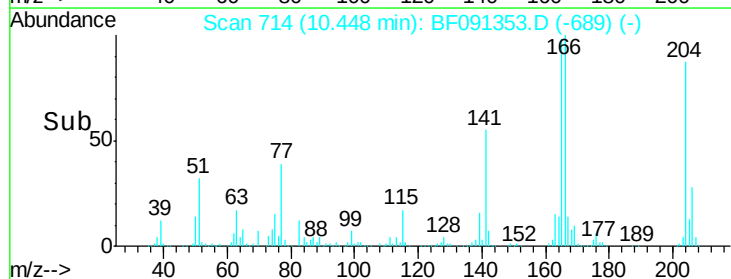
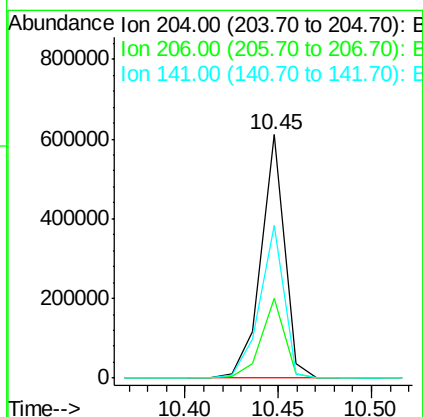
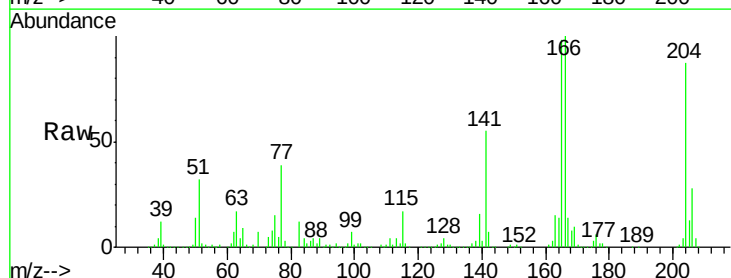
Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

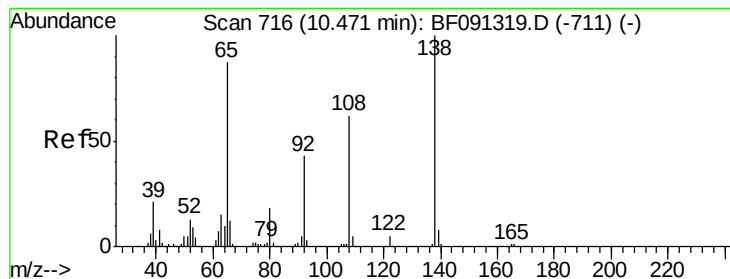
Tgt Ion:149 Resp: 1184298
Ion Ratio Lower Upper
149 100
177 21.9 15.7 23.5
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.09 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion:204 Resp: 530938
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 62.9 40.6 61.0#





#61

4-Nitroaniline

Concen: 36.27 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

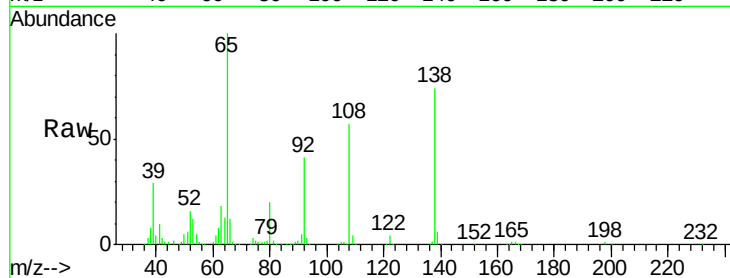
Tgt Ion:138 Resp: 235150

Ion Ratio Lower Upper

138 100

92 55.3 26.9 66.9

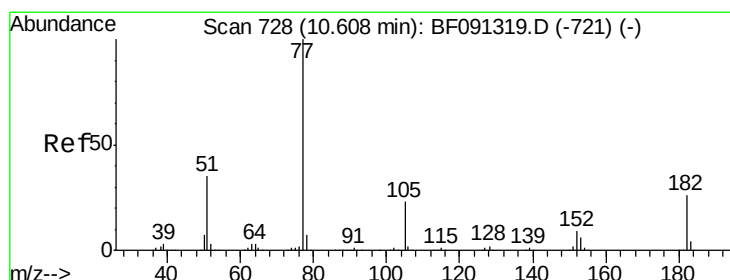
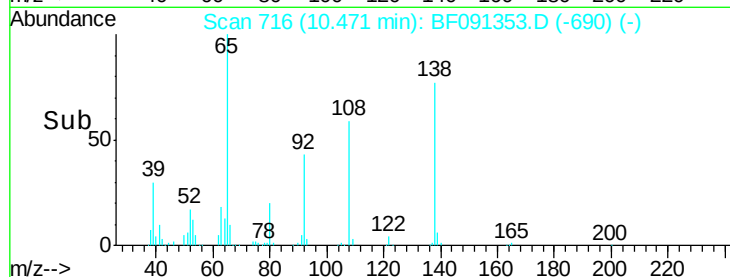
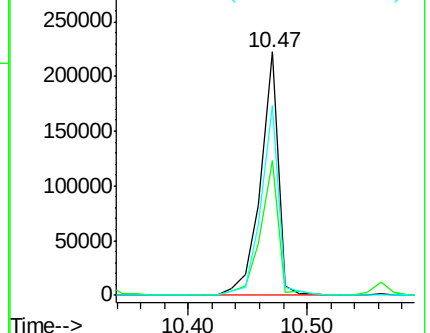
108 78.0 49.1 89.1



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: 49.26 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Tgt Ion: 77 Resp: 1324299

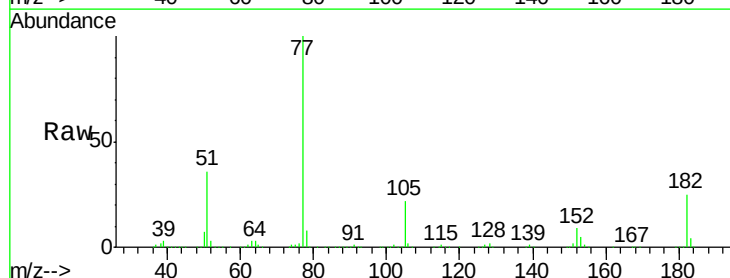
Ion Ratio Lower Upper

77 100

182 25.3 12.5 52.5

105 22.4 3.7 43.7

51 36.4 11.9 51.9

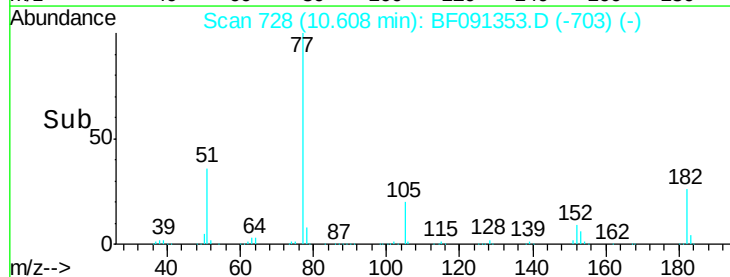
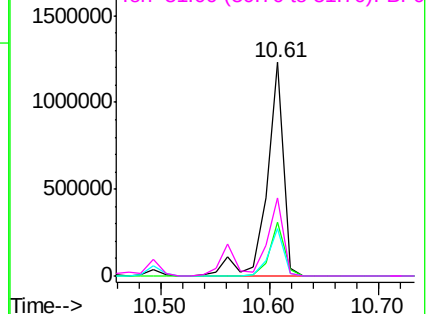


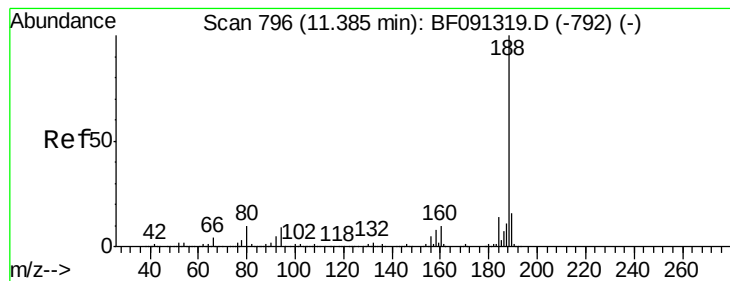
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

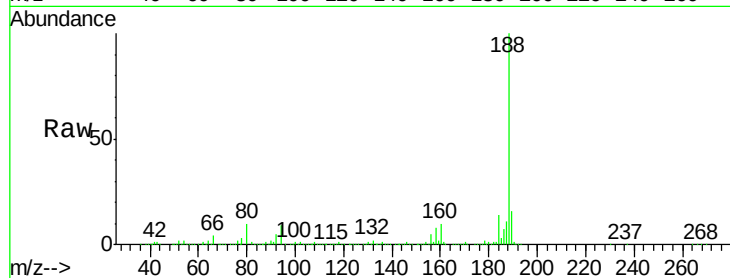
Tgt Ion:188 Resp: 700478

Ion Ratio Lower Upper

188 100

94 9.2 9.2 13.8#

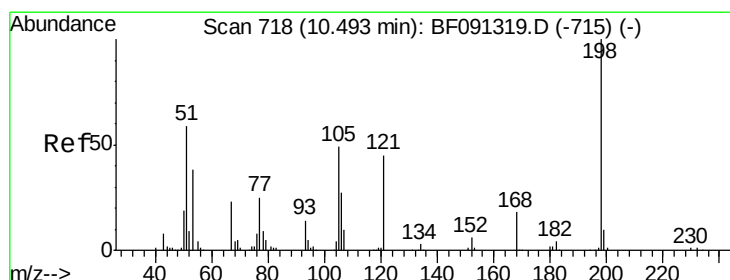
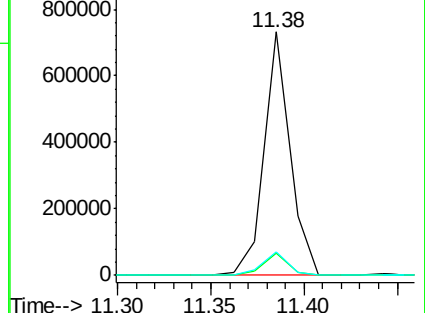
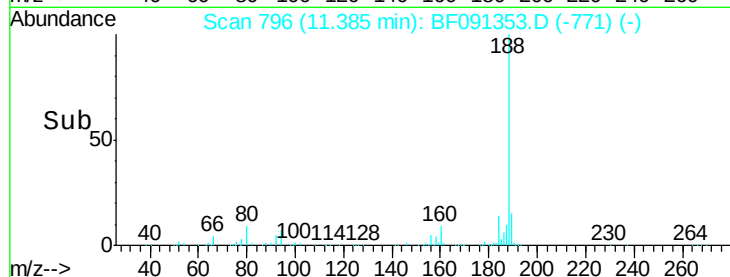
80 9.7 10.5 15.7#



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: 32.59 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

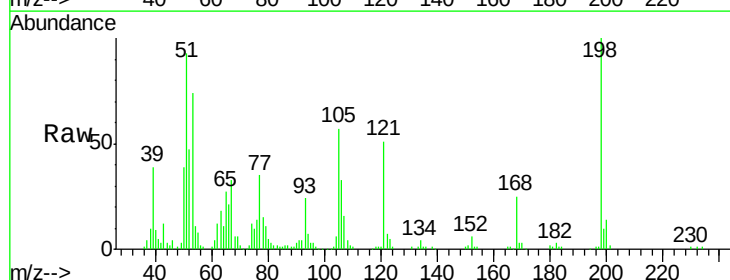
Tgt Ion:198 Resp: 125765

Ion Ratio Lower Upper

198 100

51 93.2 77.1 117.1

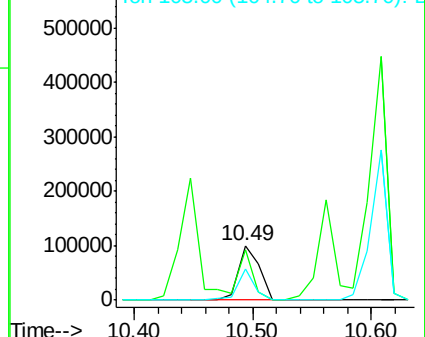
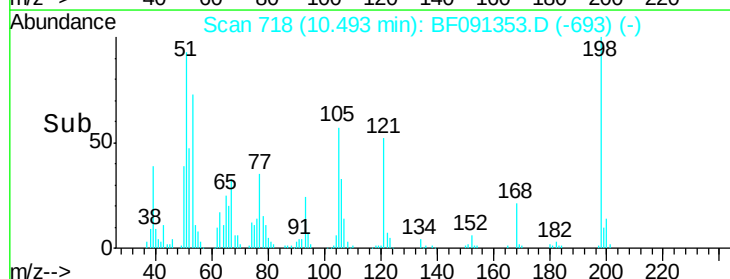
105 57.3 44.8 84.8

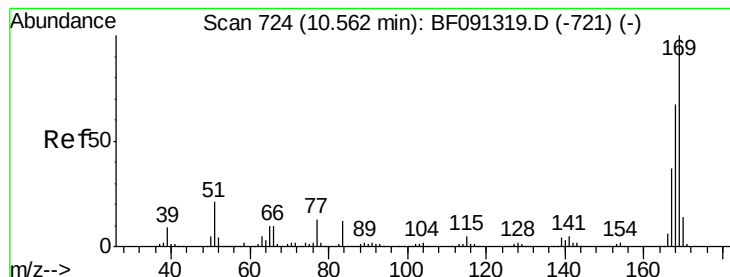


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

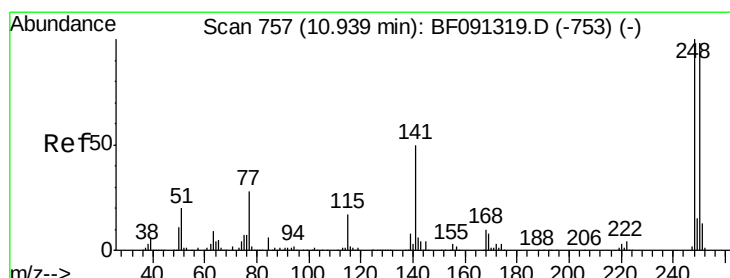
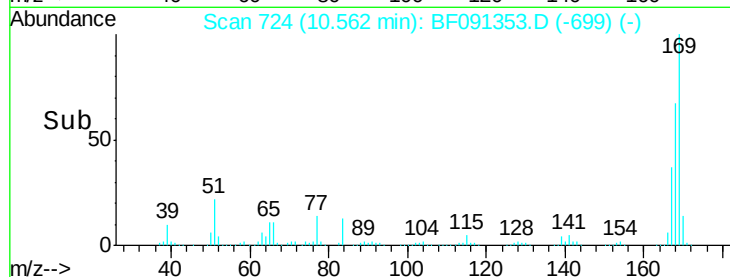
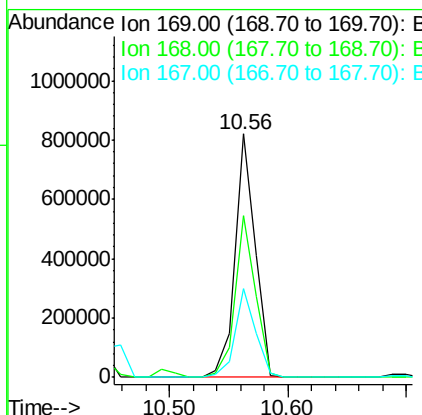
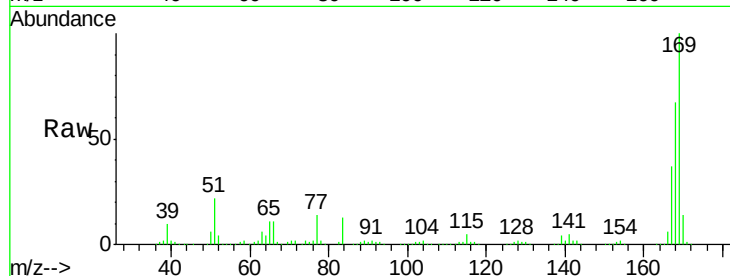




#65
 n-Nitrosodiphenylamine
 Concen: 45.53 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

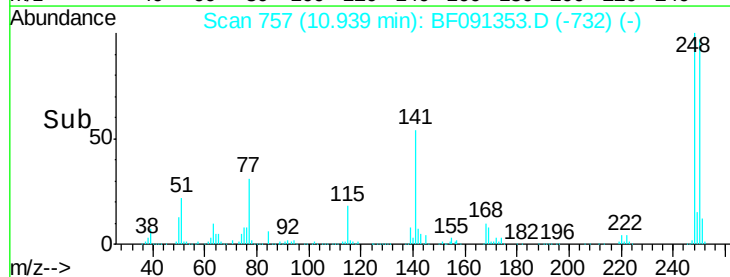
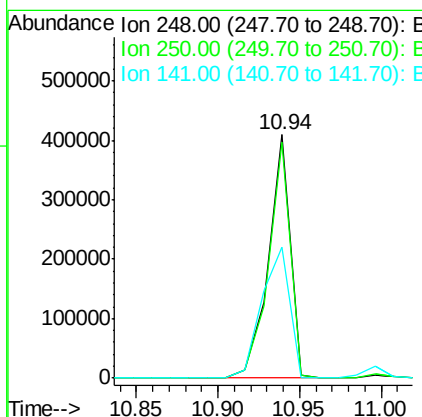
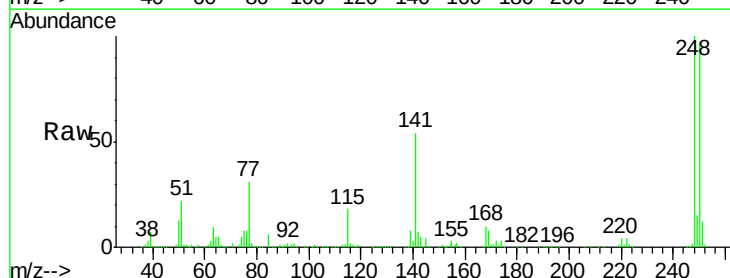
Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

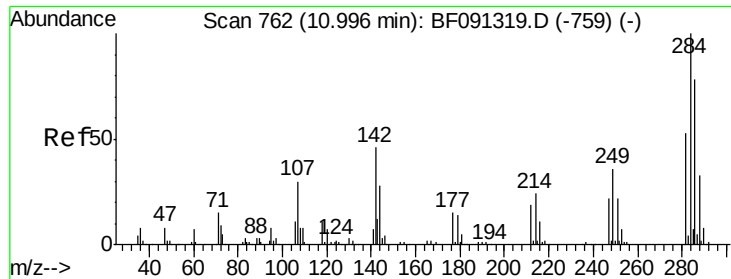
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.8	80.8
167	36.7	29.8	44.8



#66
 4-Bromophenyl-phenylether
 Concen: 50.69 ng
 RT: 10.94 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.2	117.4
141	53.6	71.9	107.9#





#67

Hexachlorobenzene

Concen: 45.84 ng

RT: 11.00 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

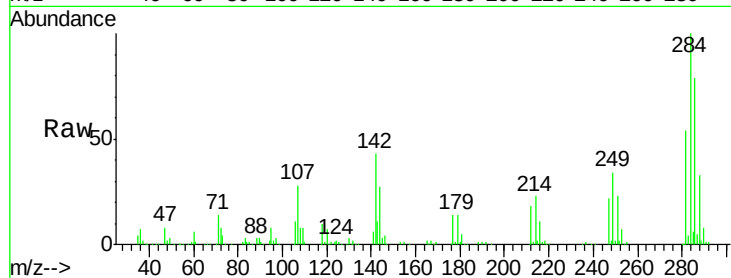
Tgt Ion:284 Resp: 372909

Ion Ratio Lower Upper

284 100

142 43.1 17.9 26.9#

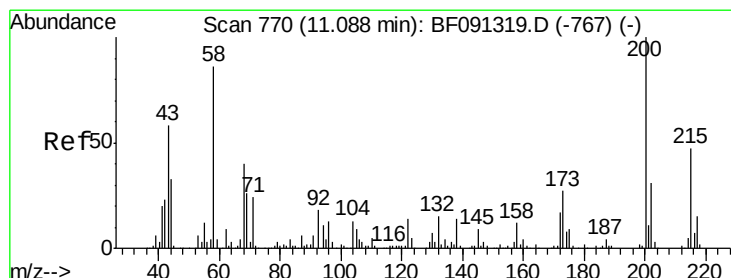
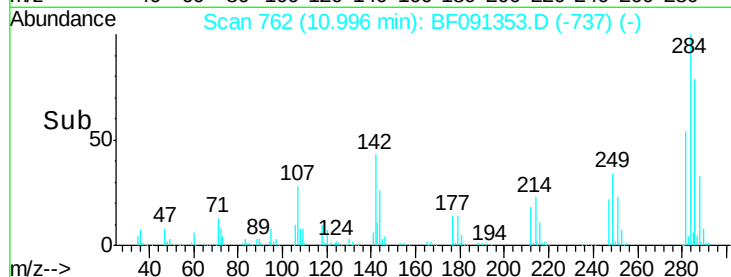
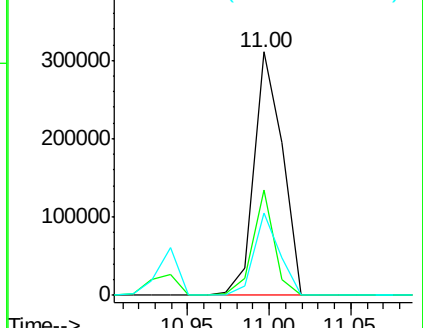
249 33.7 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.89 ng

RT: 11.10 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

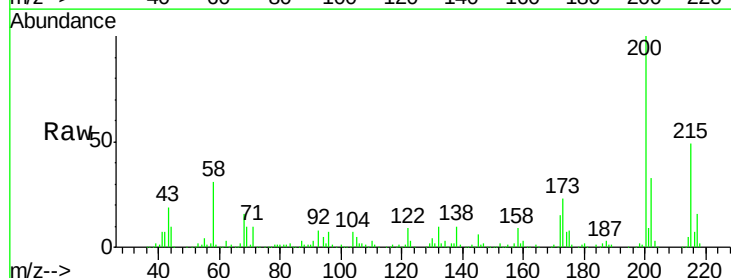
Tgt Ion:200 Resp: 363763

Ion Ratio Lower Upper

200 100

173 23.1 7.8 47.8

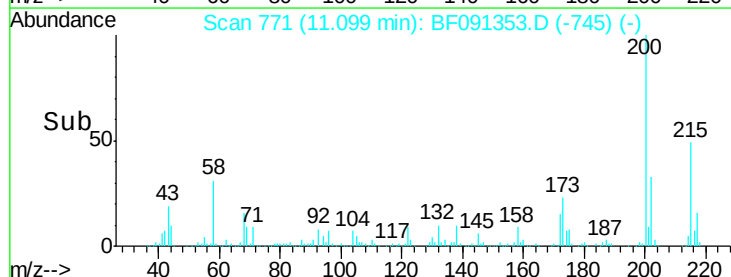
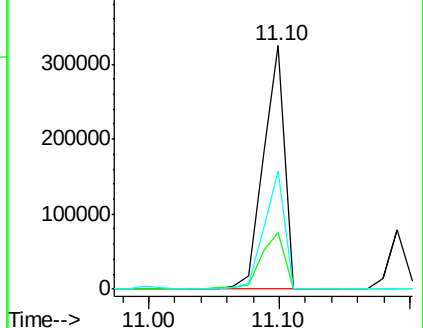
215 48.7 24.3 64.3

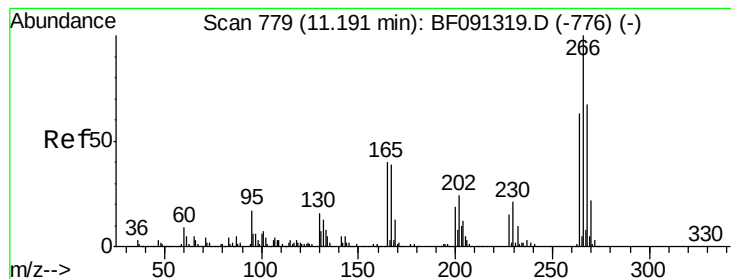


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 75.04 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

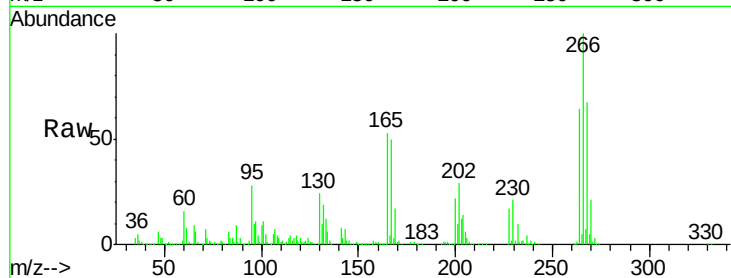
Tgt Ion:266 Resp: 359410

Ion Ratio Lower Upper

266 100

268 66.6 50.3 75.5

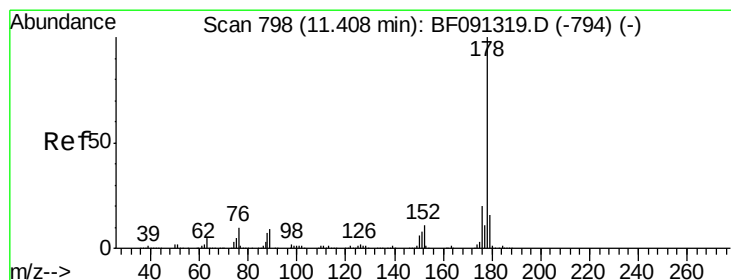
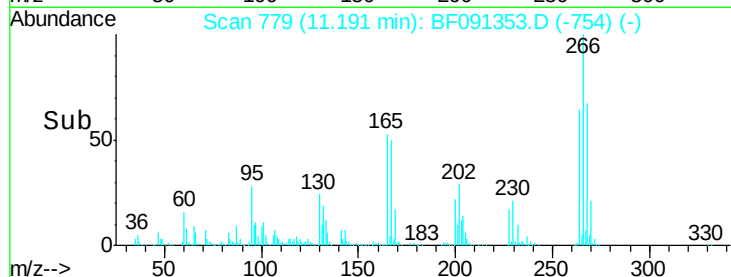
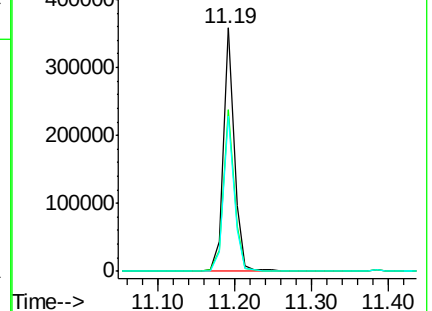
264 64.0 48.2 72.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.51 ng

RT: 11.41 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

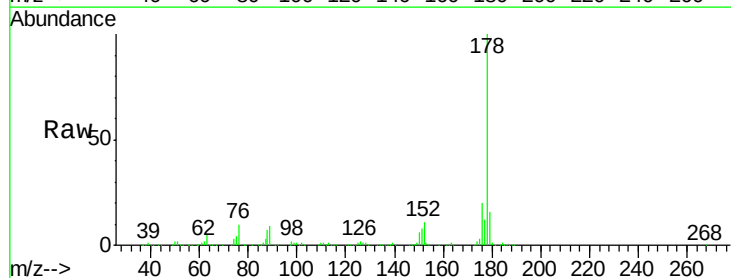
Tgt Ion:178 Resp: 1620198

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

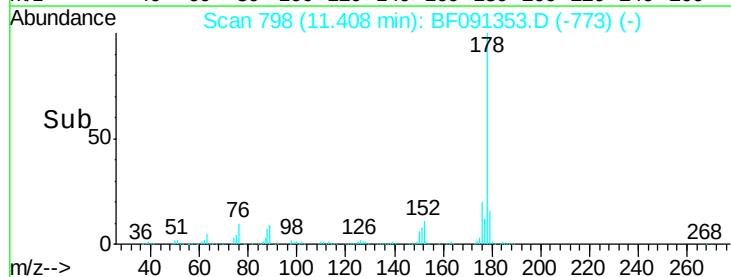
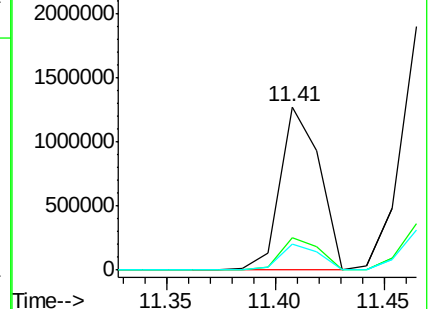
179 16.0 12.6 18.8

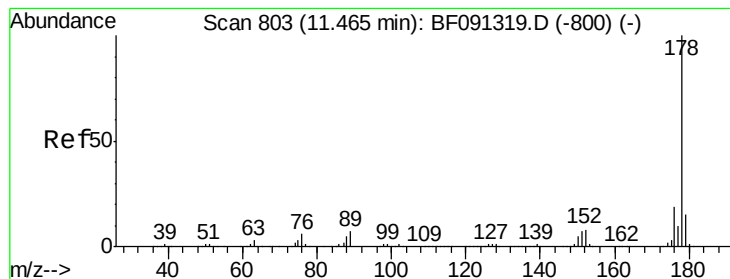


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 47.45 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

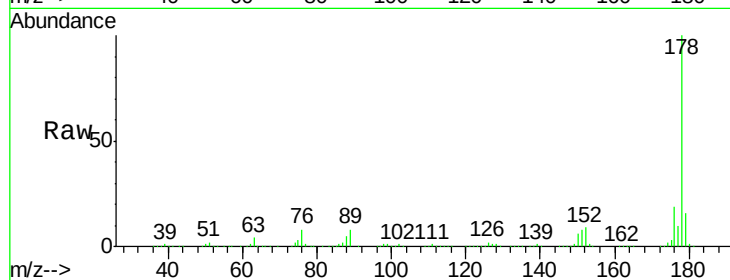
Tgt Ion:178 Resp: 1713961

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

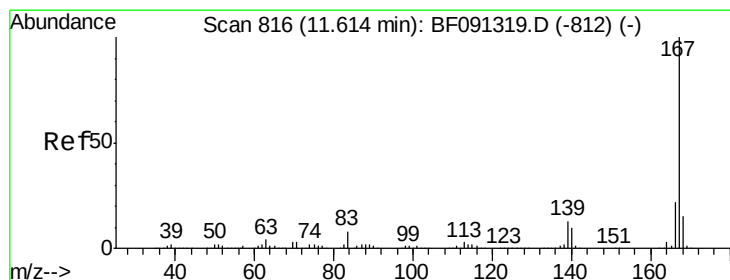
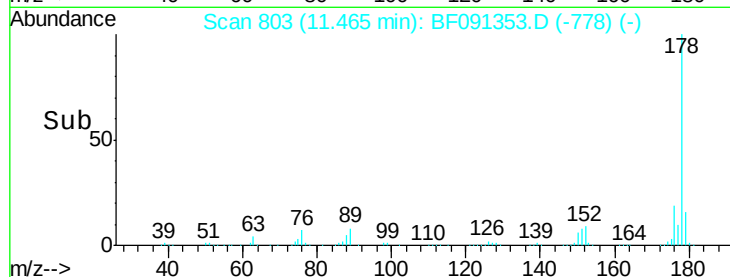
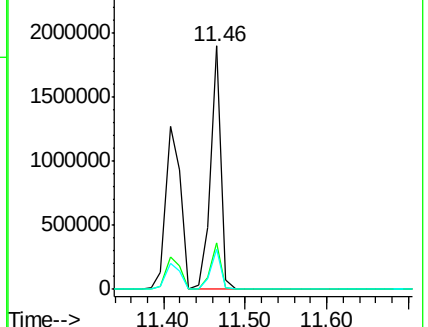
179 16.3 12.7 19.1



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: 41.64 ng

RT: 11.61 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

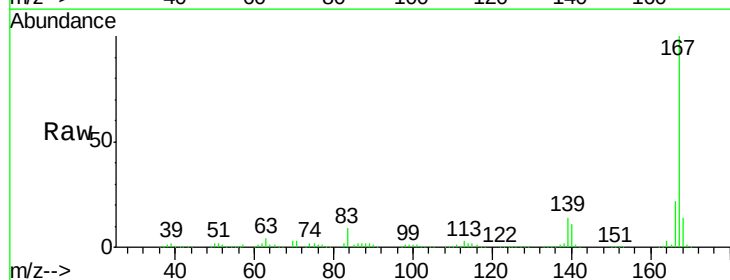
Tgt Ion:167 Resp: 1364920

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

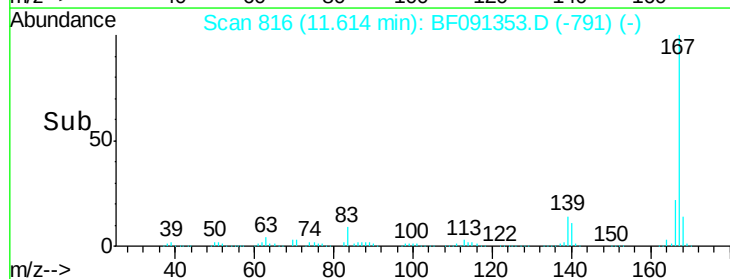
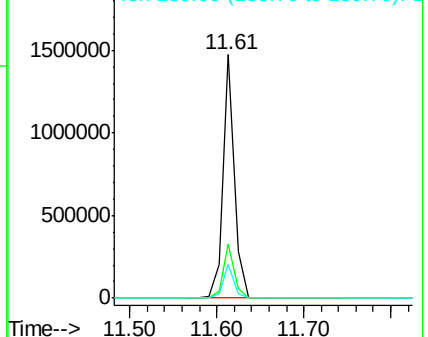
139 13.6 11.5 17.3

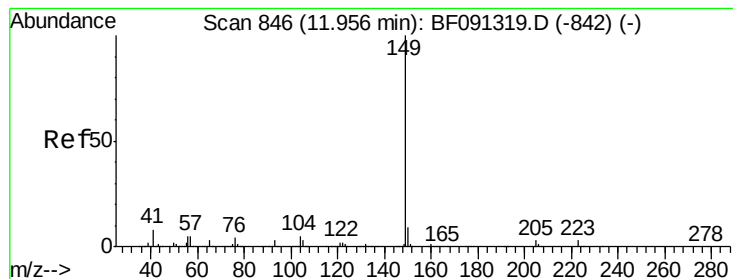


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.22 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

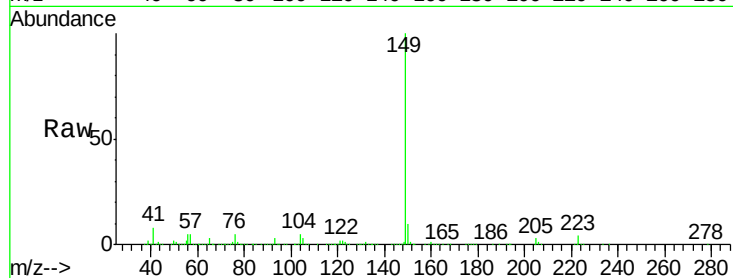
Tgt Ion:149 Resp: 1865661

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

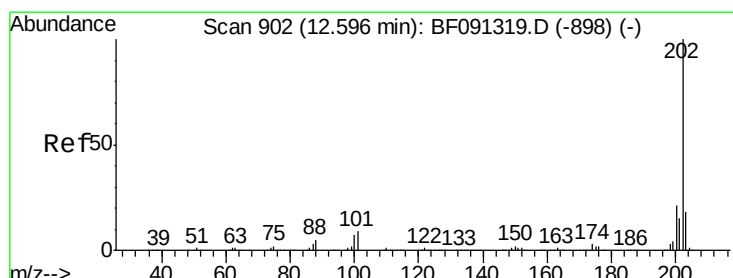
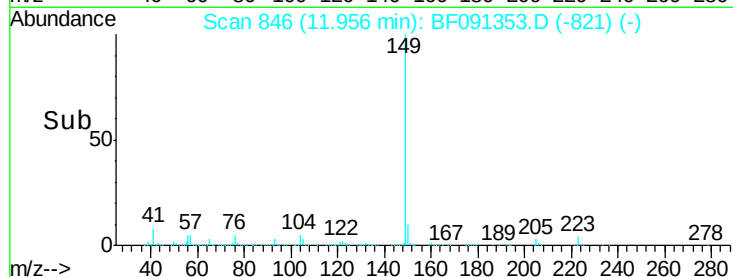
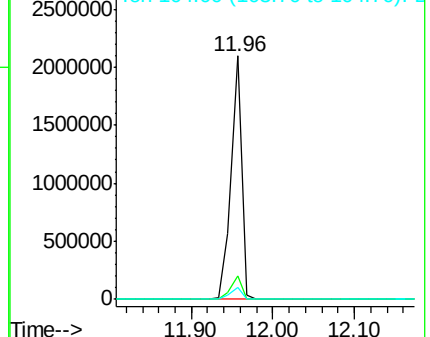
104 4.8 4.0 6.0



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: 48.21 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

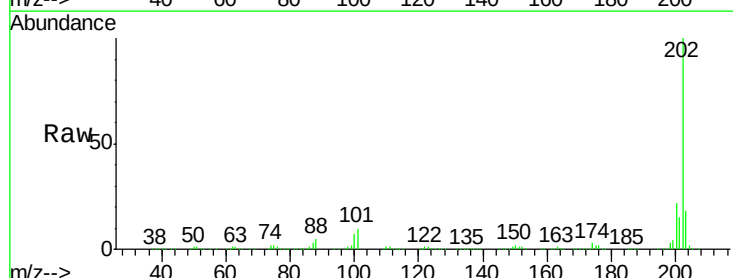
Tgt Ion:202 Resp: 1662290

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.5

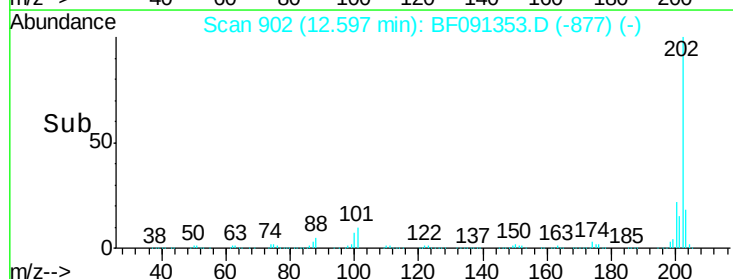
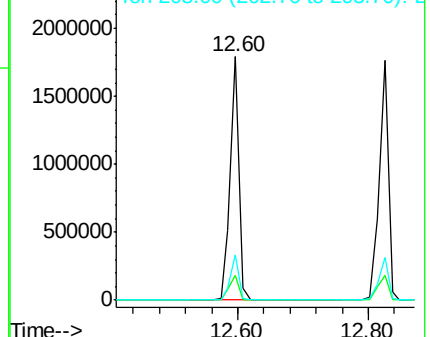
203 18.3 0.0 37.8

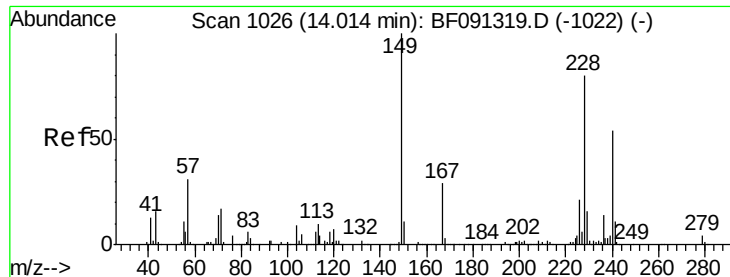


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

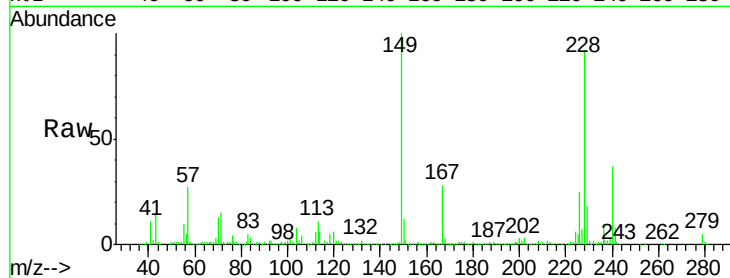
Tgt Ion:240 Resp: 423397

Ion Ratio Lower Upper

240 100

120 14.8 12.1 18.1

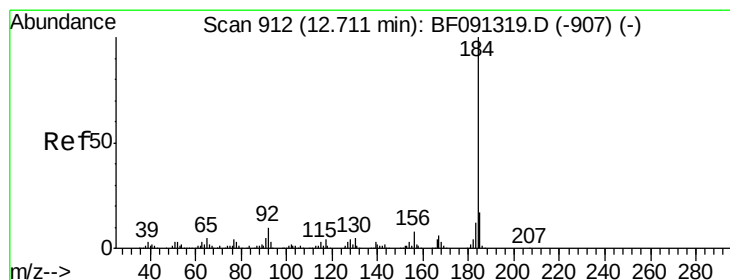
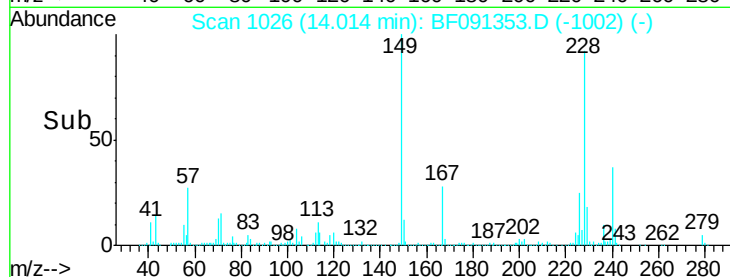
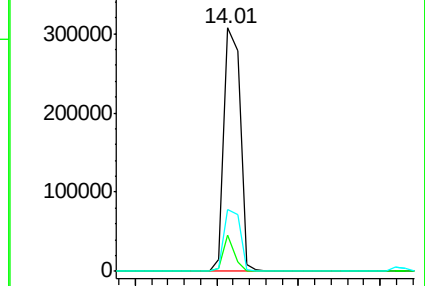
236 25.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.79 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

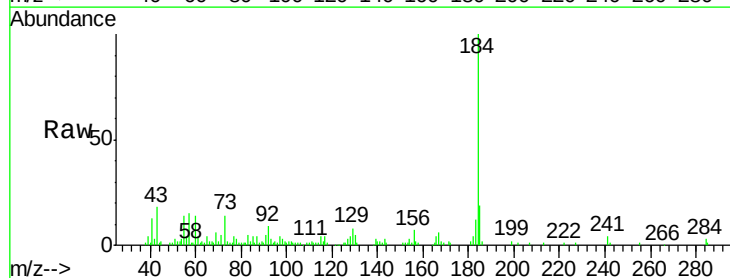
Tgt Ion:184 Resp: 84371

Ion Ratio Lower Upper

184 100

185 18.5 13.1 19.7

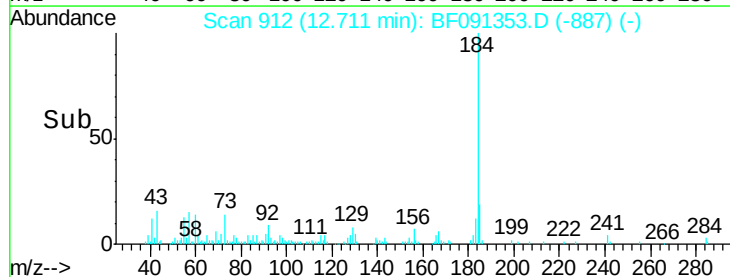
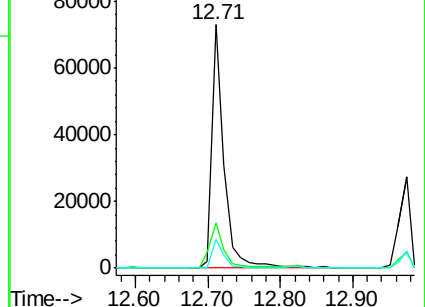
183 11.5 8.9 13.3

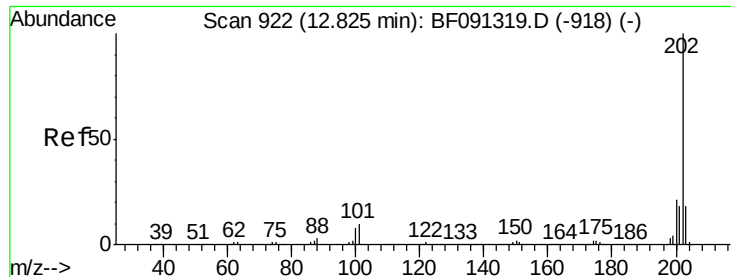


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

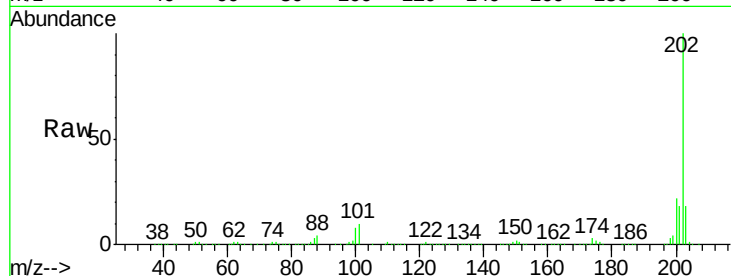




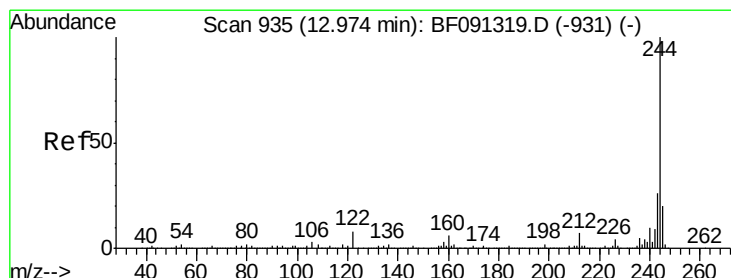
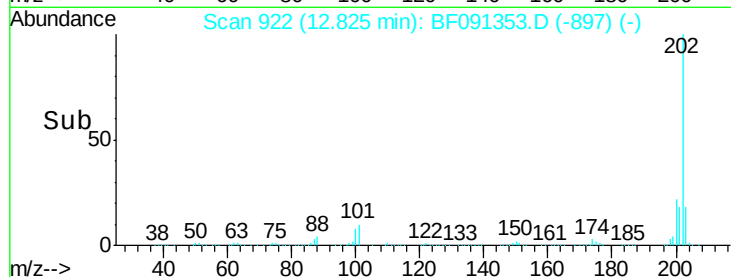
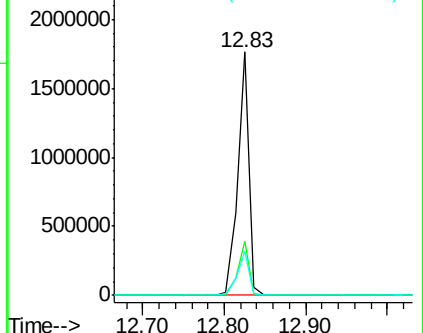
#77
Pyrene
 Concen: 52.53 ng
 RT: 12.83 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tgt Ion:202 Resp: 1687913
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.6 26.4
 203 17.8 14.0 21.0

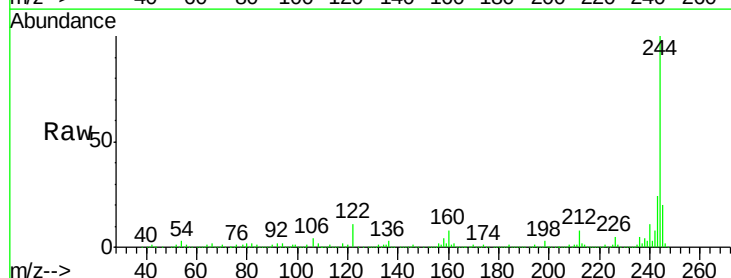


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

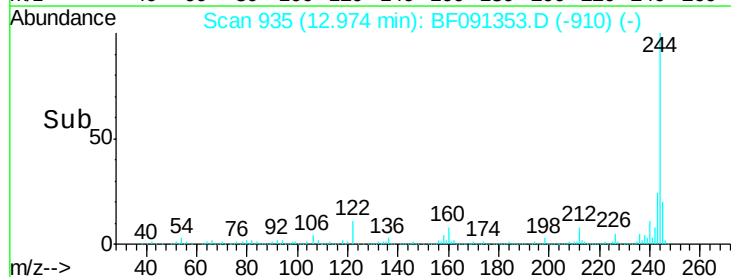
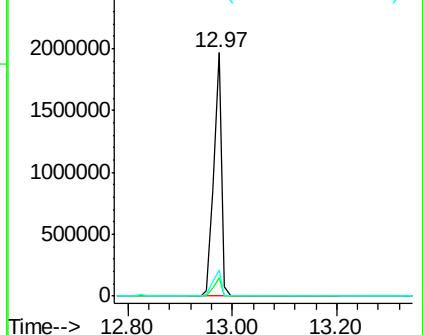


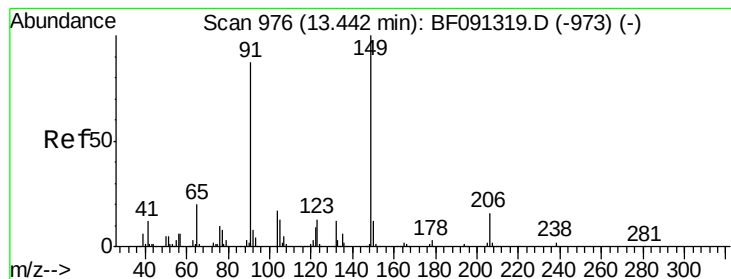
#78
Terphenyl-d14
 Concen: 104.59 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion:244 Resp: 2037439
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 10.5 9.5 14.3



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





#79

Butylbenzylphthalate

Concen: 56.18 ng

RT: 13.44 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

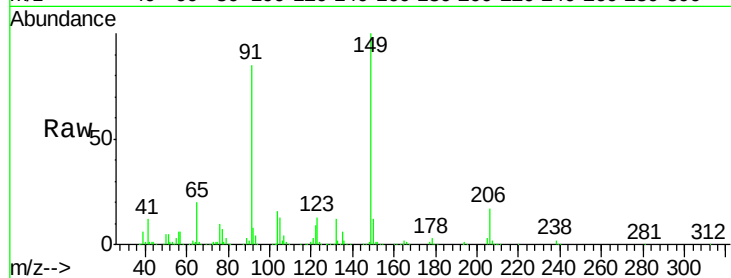
Tgt Ion:149 Resp: 675912

Ion Ratio Lower Upper

149 100

91 85.2 57.4 86.2

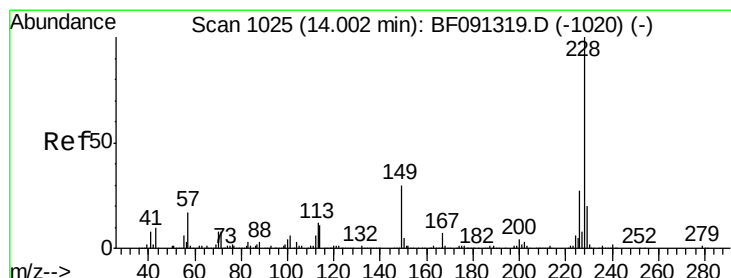
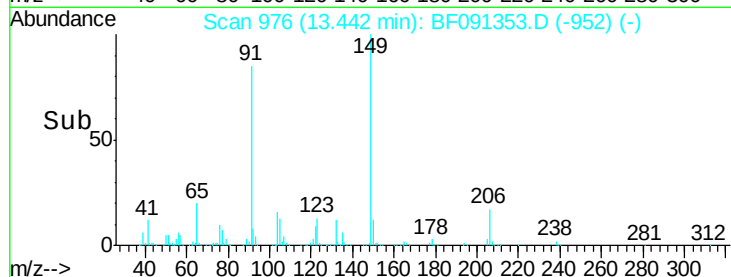
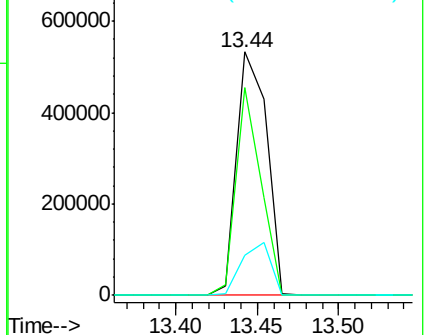
206 16.6 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.85 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

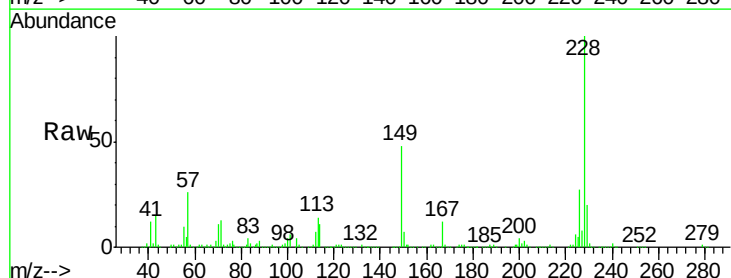
Tgt Ion:228 Resp: 1234364

Ion Ratio Lower Upper

228 100

226 26.9 22.5 33.7

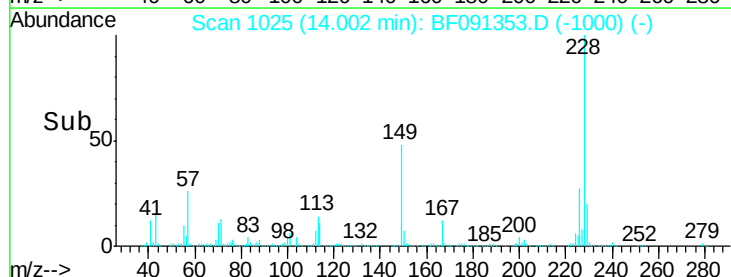
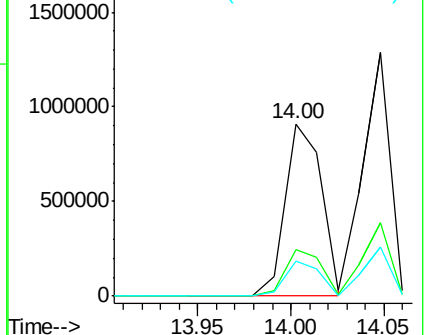
229 20.1 16.4 24.6

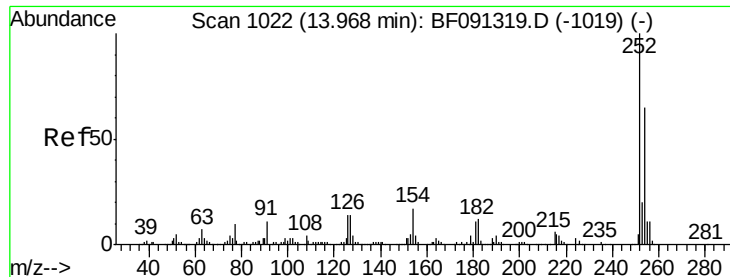


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

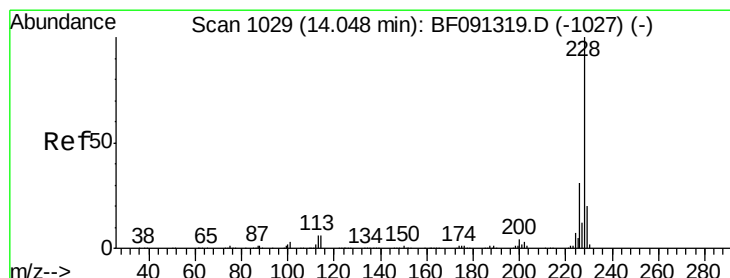
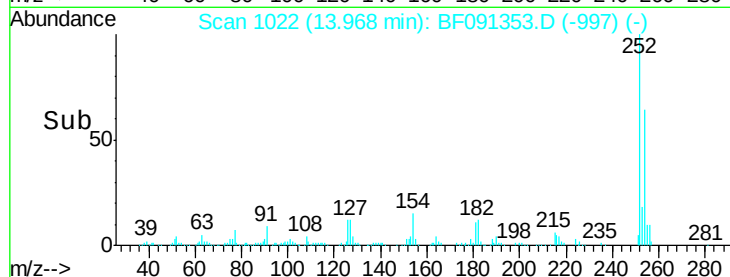
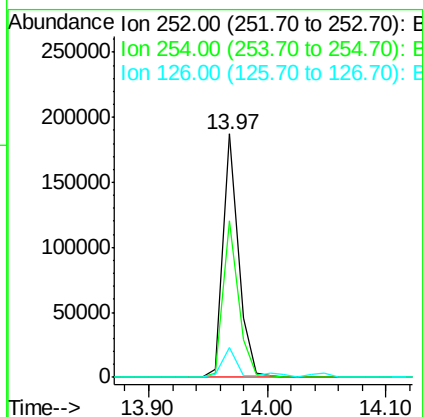
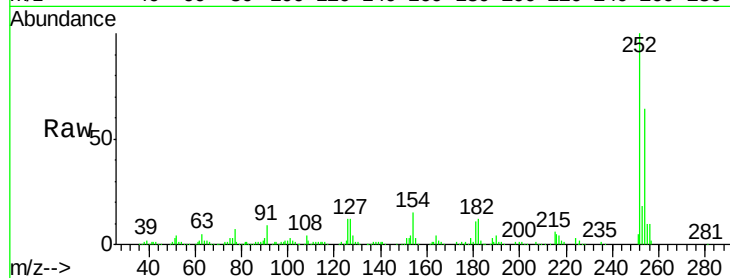




#81
 3,3'-Dichlorobenzidine
 Concen: 19.41 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

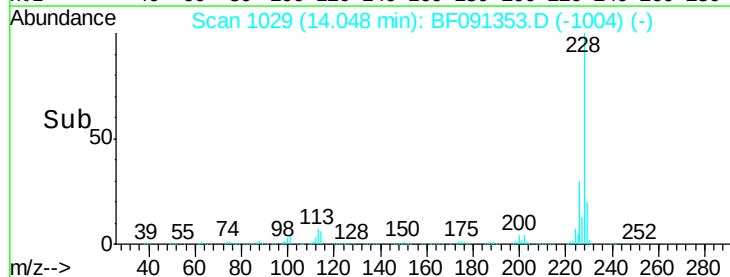
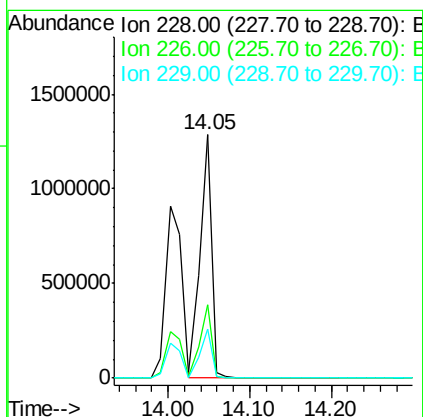
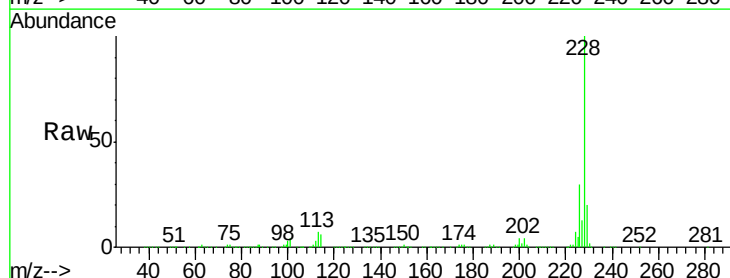
Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

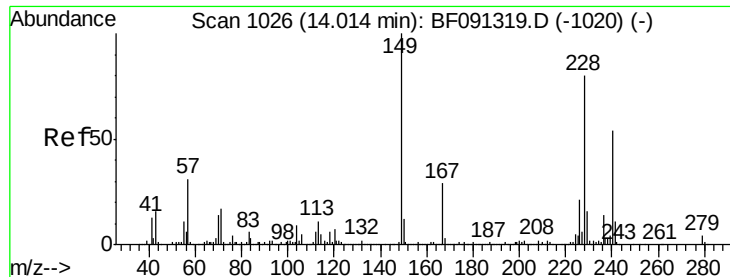
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	12.3	7.5	11.3



#82
 Chrysene
 Concen: 52.85 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	19.9	16.0	24.0

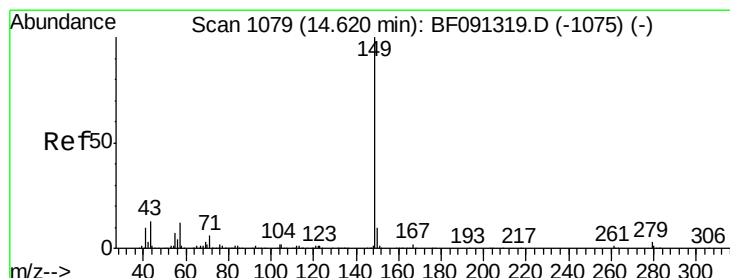
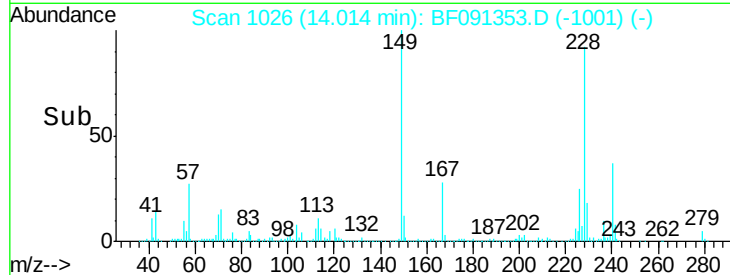
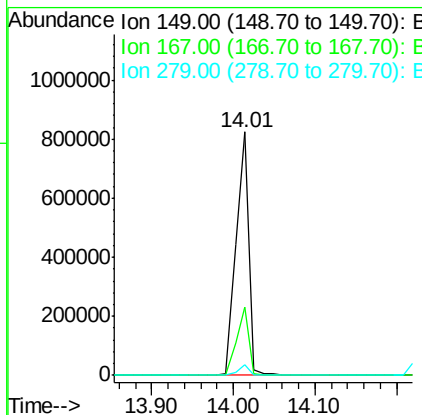
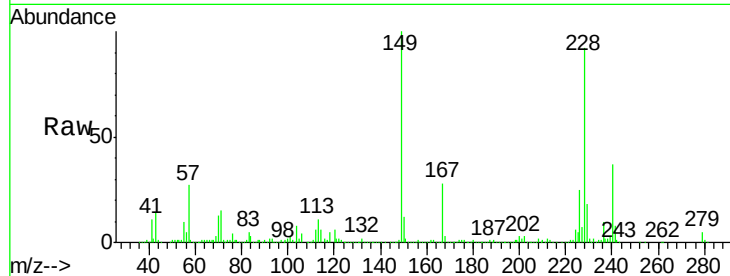




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.56 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

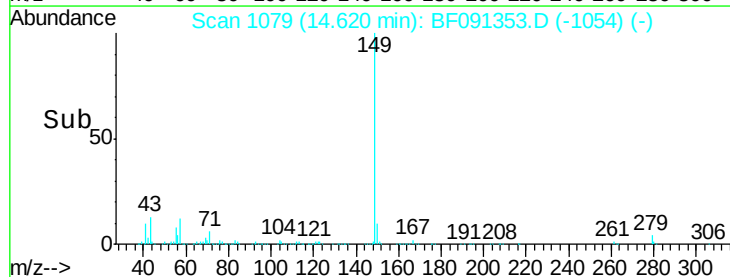
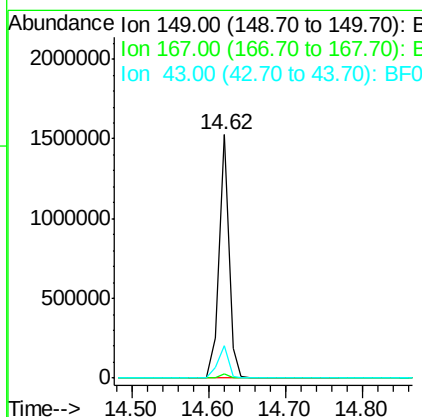
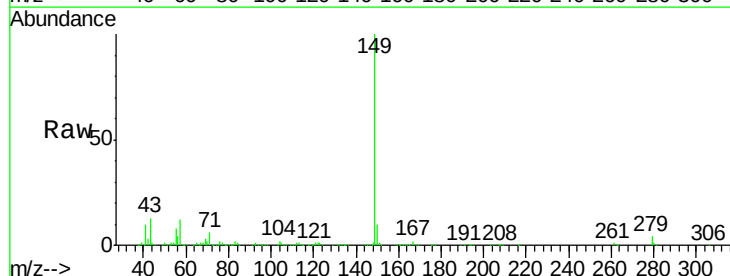
Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

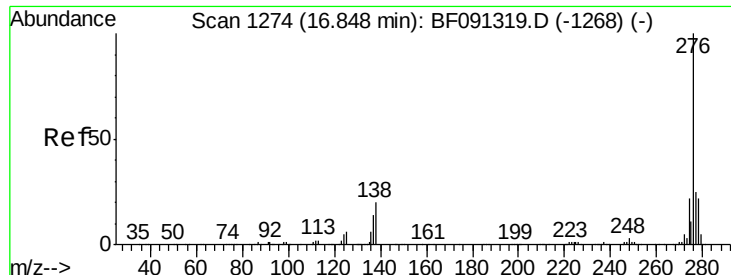
Tgt Ion:149 Resp: 893121
 Ion Ratio Lower Upper
 149 100
 167 28.3 19.6 29.4
 279 4.6 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 59.21 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion:149 Resp: 1366390
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 14.1 11.9 17.9

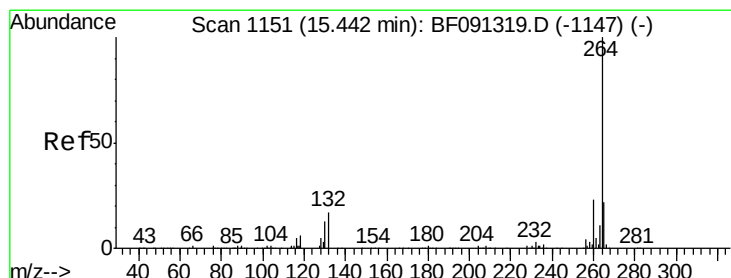
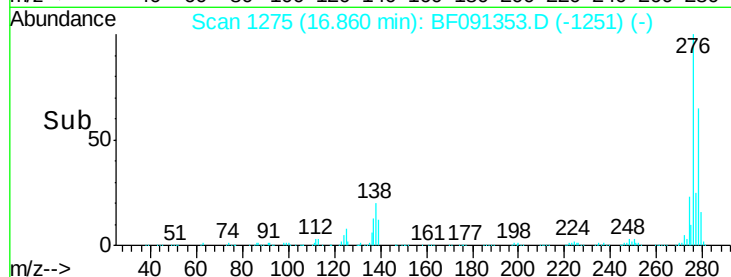
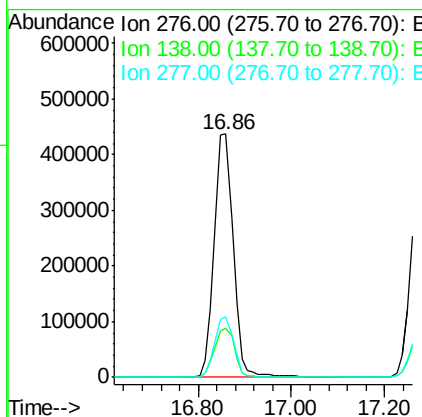
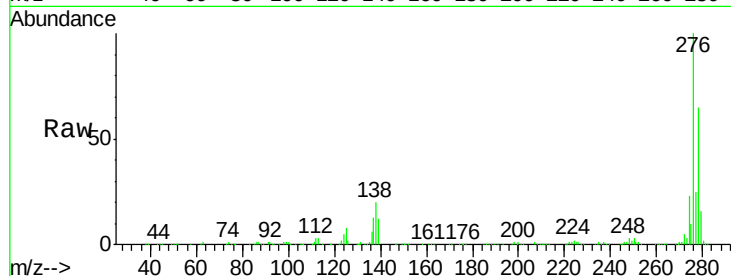




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.59 ng
 RT: 16.86 min Scan# 1275
 Delta R.T. -0.03 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

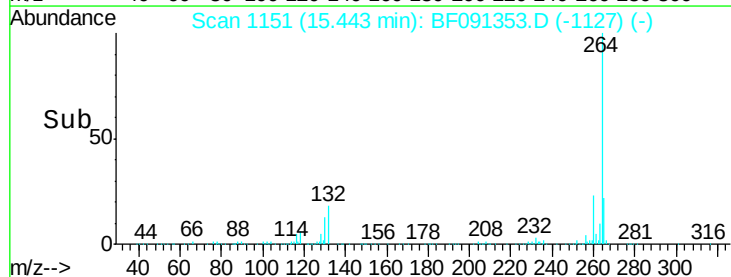
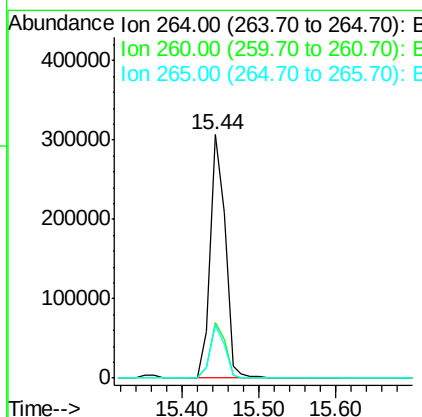
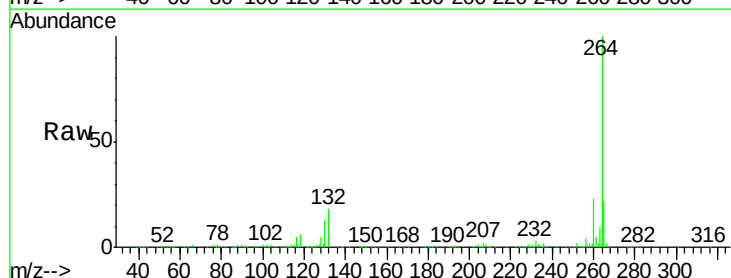
Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

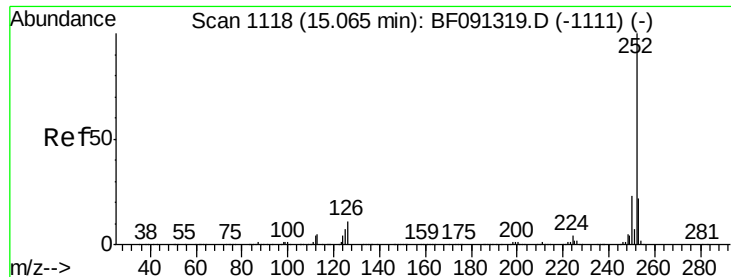
Tgt Ion: 276 Resp: 1247188
 Ion Ratio Lower Upper
 276 100
 138 21.6 21.0 31.4
 277 25.0 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion: 264 Resp: 414027
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 21.7 17.0 25.6

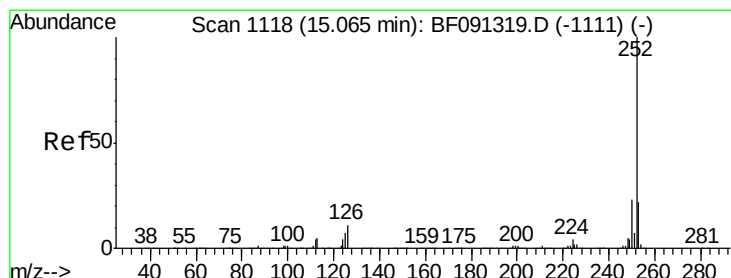
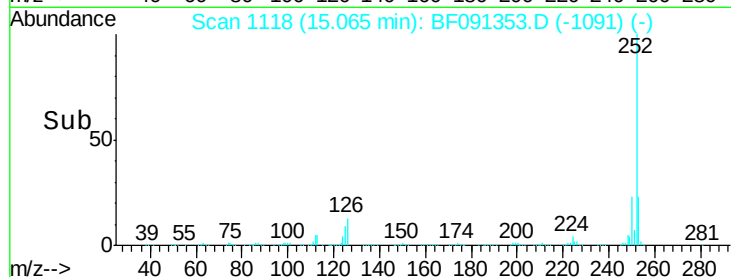
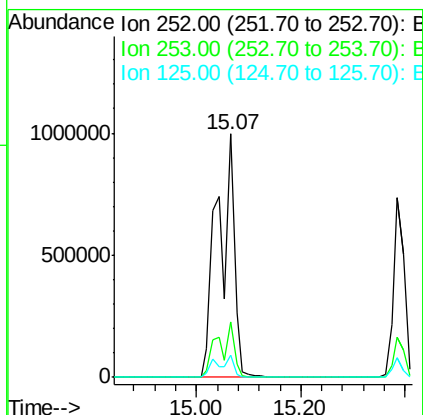
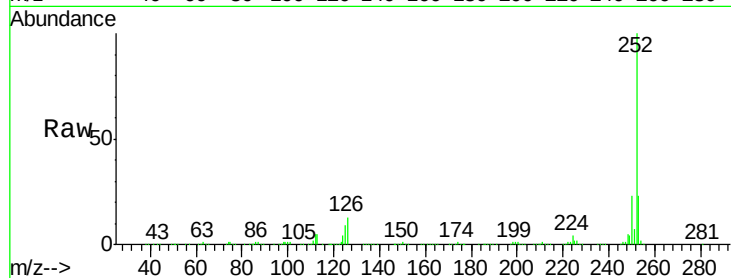




#87
Benzo(b)fluoranthene
Concen: 85.15 ng
RT: 15.07 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

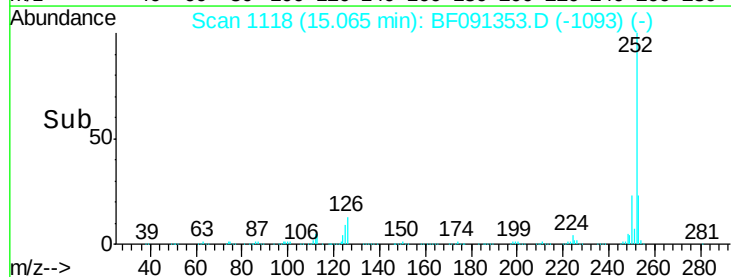
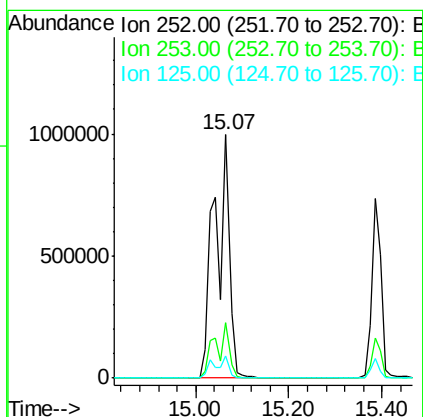
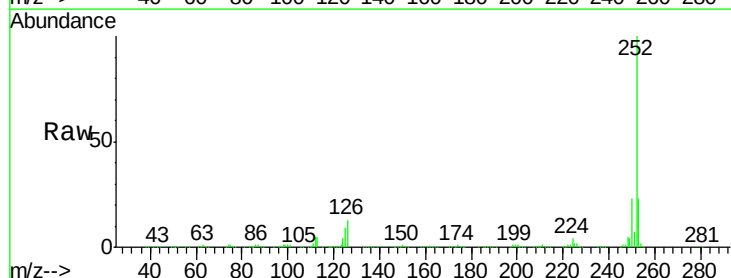
Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

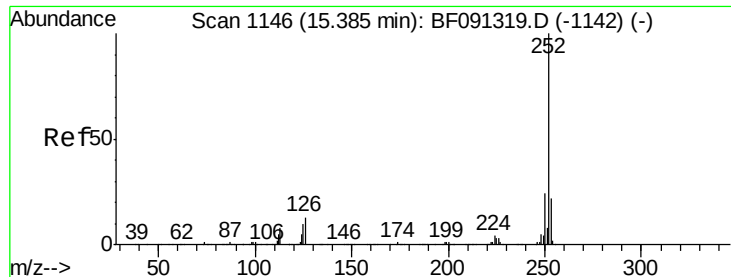
Tgt Ion:252 Resp: 2191414
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 8.9 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 101.33 ng
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion:252 Resp: 2192762
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 8.9 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 45.72 ng

RT: 15.39 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

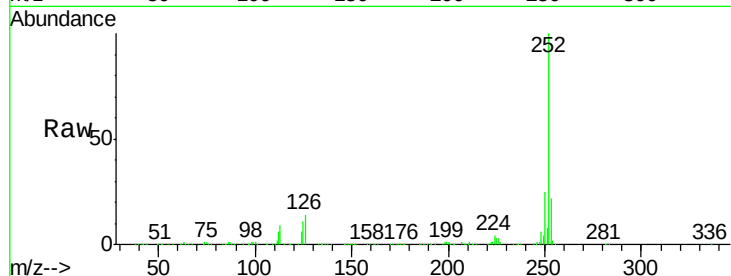
Tgt Ion:252 Resp: 1056545

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

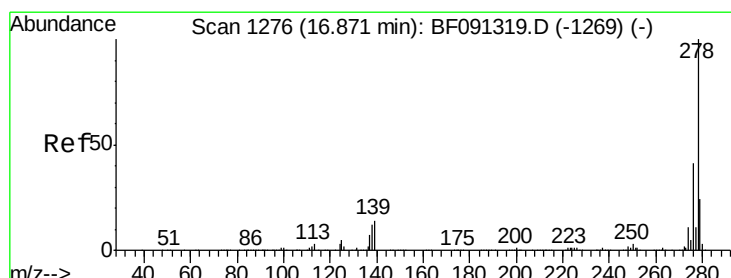
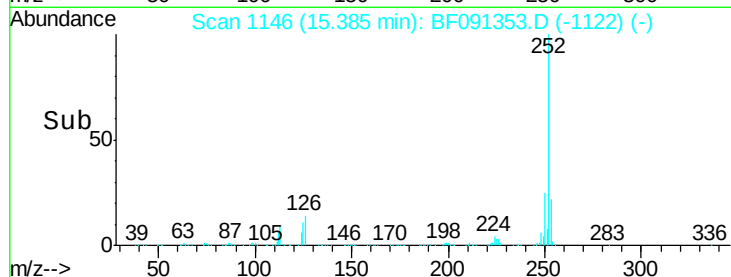
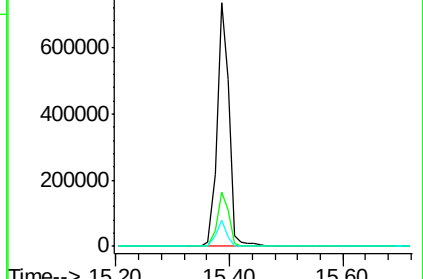
125 10.7 10.4 15.6



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: 48.87 ng

RT: 16.87 min Scan# 1276

Delta R.T. -0.04 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

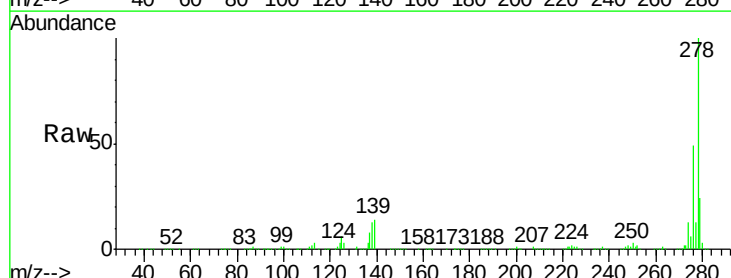
Tgt Ion:278 Resp: 1044645

Ion Ratio Lower Upper

278 100

139 14.2 15.1 22.7#

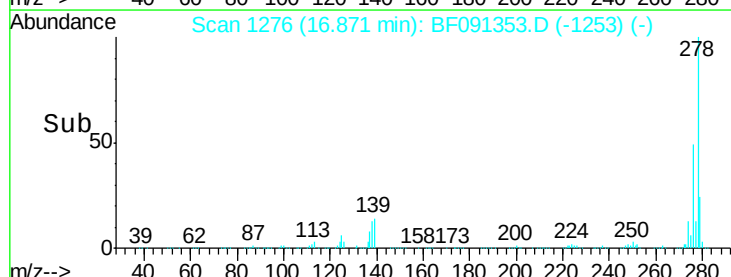
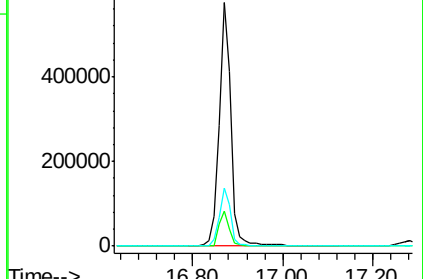
279 23.8 19.0 28.6

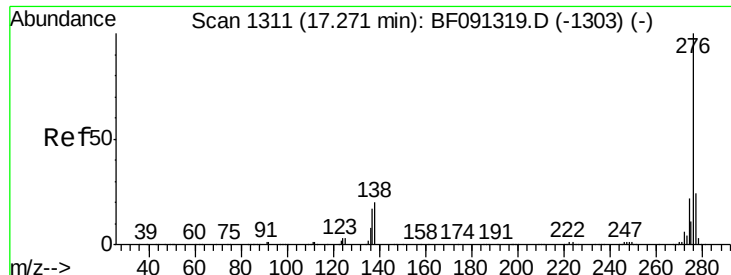


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.77 ng
 RT: 17.28 min Scan# 1312
 Delta R.T. -0.03 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tgt Ion: 276 Resp: 1052808
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.0 28.4
 138 17.3 15.4 23.0

