

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
 Data File : BF091213.D
 Acq On : 17 Nov 2016 15:40
 Operator : UM/SJ
 Sample : PB94770BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

Quant Time: Nov 18 03:33:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	189422	20.00	ng	-0.03
21) Naphthalene-d8	7.92	136	832339	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	457494	20.00	ng	-0.03
63) Phenanthrene-d10	11.14	188	727457	20.00	ng	-0.03
75) Chrysene-d12	13.78	240	572260	20.00	ng	-0.03
86) Perylene-d12	15.14	264	402517	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1495870	130.42	ng	-0.02
7) Phenol-d6	6.28	99	1748180	112.30	ng	-0.03
23) Nitrobenzene-d5	7.20	82	1154330	75.65	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	487729	117.92	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	2081758	78.34	ng	-0.05
78) Terphenyl-d14	12.73	244	1878554	81.92	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.17	88	210815	32.13	ng	96
3) Pyridine	2.80	79	637949	41.56	ng	96
4) n-Nitrosodimethylamine	2.77	42	234611	38.64	ng	85
6) Aniline	6.29	93	264832	14.42	ng	# 1
8) 2-Chlorophenol	6.41	128	590232	43.14	ng	91
9) Benzaldehyde	6.18	77	43205	5.00	ng	99
10) Phenol	6.29	94	650306	37.75	ng	# 68
11) bis(2-Chloroethyl)ether	6.36	93	576098	39.68	ng	98
12) 1,3-Dichlorobenzene	6.56	146	608094	43.95	ng	95
13) 1,4-Dichlorobenzene	6.64	146	618950	41.69	ng	97
14) 1,2-Dichlorobenzene	6.78	146	534827	39.25	ng	97
15) Benzyl Alcohol	6.78	79	478865	43.61	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	688565	33.12	ng	# 46
17) 2-Methylphenol	6.91	107	463255	42.77	ng	# 91
18) Hexachloroethane	7.13	117	237167	41.28	ng	93
19) n-Nitroso-di-n-propylamine	7.06	70	460596	42.70	ng	# 87
20) 3+4-Methylphenols	7.06	107	631399	48.55	ng	91
22) Acetophenone	7.05	105	827851	43.20	ng	# 93
24) Nitrobenzene	7.22	77	658184	39.06	ng	93
25) Isophorone	7.46	82	1221675	41.55	ng	98
26) 2-Nitrophenol	7.54	139	309123	43.35	ng	# 67
27) 2,4-Dimethylphenol	7.58	122	505740	42.88	ng	96
28) bis(2-Chloroethoxy)methane	7.68	93	756252	47.08	ng	100
29) 2,4-Dichlorophenol	7.78	162	462344	44.92	ng	97
30) 1,2,4-Trichlorobenzene	7.86	180	512599	44.29	ng	97
31) Naphthalene	7.93	128	1638893	41.17	ng	99
32) Benzoic acid	7.76	122	246944	29.08	ng	98
33) 4-Chloroaniline	8.00	127	149095	9.01	ng	# 95
34) Hexachlorobutadiene	8.05	225	297162	47.57	ng	99
35) Caprolactam	8.37	113	149551m	46.25	ng	
36) 4-Chloro-3-methylphenol	8.50	107	537352	43.12	ng	92
37) 2-Methylnaphthalene	8.62	142	1079259	42.18	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	547973	46.98	ng	99
40) Hexachlorocyclopentadiene	8.78	237	425039	92.75	ng	99

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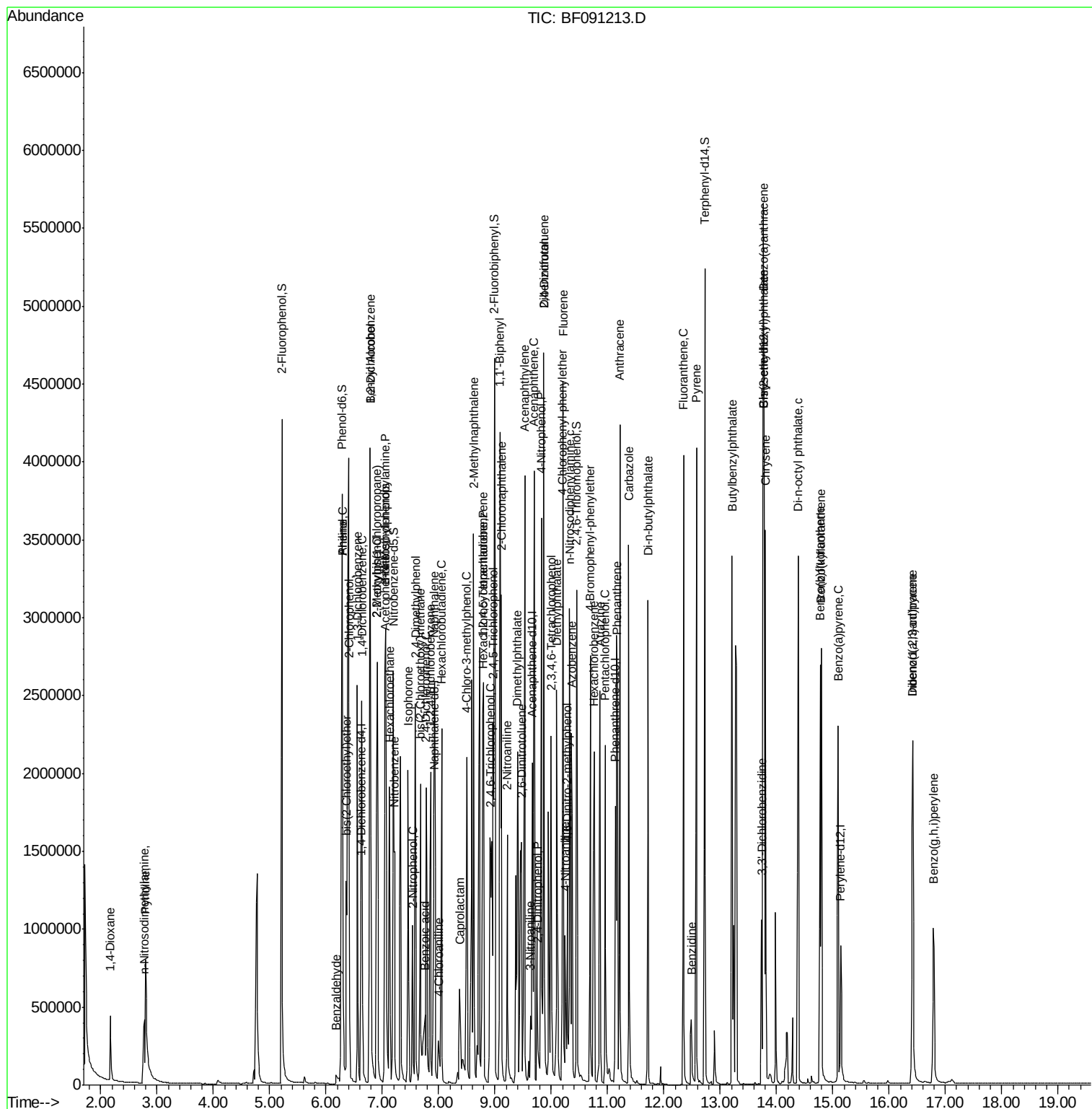
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	322850	42.88	nq	95
43) 2,4,5-Trichlorophenol	8.97	196	355552	44.97	nq	95
45) 1,1'-Biphenyl	9.09	154	1394148	41.73	nq	98
46) 2-Chloronaphthalene	9.12	162	1110229	43.77	nq	97
47) 2-Nitroaniline	9.22	65	335932	35.69	nq	94
48) Acenaphthylene	9.53	152	1579528	39.96	nq	99
49) Dimethylphthalate	9.40	163	1207619	40.26	nq	100
50) 2,6-Dinitrotoluene	9.47	165	298709	46.46	nq	# 57
51) Acenaphthene	9.70	154	1023966	41.26	nq	100
52) 3-Nitroaniline	9.63	138	96894	12.71	nq	90
53) 2,4-Dinitrophenol	9.76	184	173756	51.99	nq	95
54) Dibenzofuran	9.87	168	1389424	41.60	nq	98
55) 4-Nitrophenol	9.82	139	337671	67.47	nq	# 81
56) 2,4-Dinitrotoluene	9.87	165	323927	39.60	nq	# 74
57) Fluorene	10.21	166	1128680	41.34	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	288554	46.59	nq	97
59) Diethylphthalate	10.10	149	1194797	38.85	nq	98
60) 4-Chlorophenyl-phenylether	10.20	204	504128	40.57	nq	# 75
61) 4-Nitroaniline	10.25	138	252817	32.78	nq	96
62) Azobenzene	10.36	77	1378618	38.08	nq	85
64) 4,6-Dinitro-2-methylphenol	10.28	198	164070	36.83	nq	# 50
65) n-Nitrosodiphenylamine	10.33	169	984297	42.57	nq	100
66) 4-Bromophenyl-phenylether	10.69	248	340306	44.97	nq	# 83
67) Hexachlorobenzene	10.76	284	396795	47.55	nq	# 82
68) Atrazine	10.86	200	295237	44.26	nq	97
69) Pentachlorophenol	10.96	266	290890	78.70	nq	98
70) Phenanthrene	11.17	178	1654154	42.77	nq	99
71) Anthracene	11.22	178	1612707	39.23	nq	99
72) Carbazole	11.38	167	1389362	37.50	nq	99
73) Di-n-butylphthalate	11.72	149	1967483	42.22	nq	99
74) Fluoranthene	12.35	202	1539283	38.38	nq	95
76) Benzidine	12.49	184	300937	23.54	nq	98
77) Pyrene	12.58	202	1695037	45.23	nq	99
79) Butylbenzylphthalate	13.21	149	804271	44.86	nq	92
80) Benzo(a)anthracene	13.77	228	1406159	43.28	nq	99
81) 3,3'-Dichlorobenzidine	13.73	252	230378	20.18	nq	# 98
82) Chrysene	13.80	228	1145220	35.75	nq	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	1053155	43.41	nq	# 94
84) Di-n-octyl phthalate	14.39	149	1789672	44.87	nq	96
85) Indeno(1,2,3-cd)pyrene	16.42	276	1004358	37.78	nq	96
87) Benzo(b)fluoranthene	14.77	252	1195228m	43.78	nq	
88) Benzo(k)fluoranthene	14.80	252	1042037m	43.51	nq	
89) Benzo(a)pyrene	15.09	252	1029961	43.34	nq	100
90) Dibenzo(a,h)anthracene	16.42	278	848412	41.29	nq	100
91) Benzo(g,h,i)perylene	16.79	276	788214	42.42	nq	99

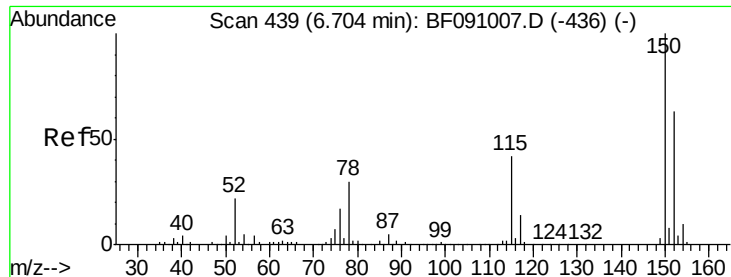
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

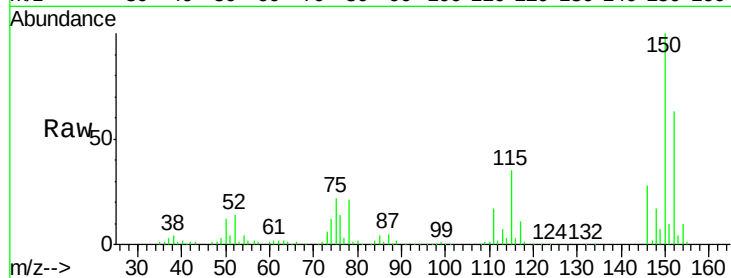
Tot Ion:152 Resp: 189422

Ion Ratio Lower Upper

152 100

150 159.9 126.8 190.2

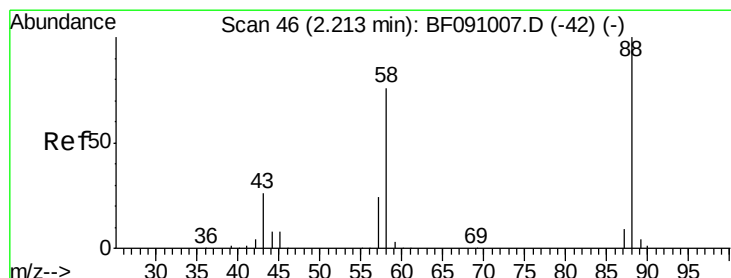
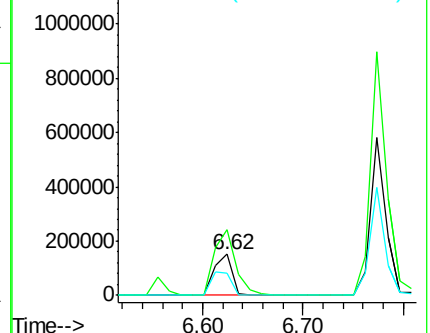
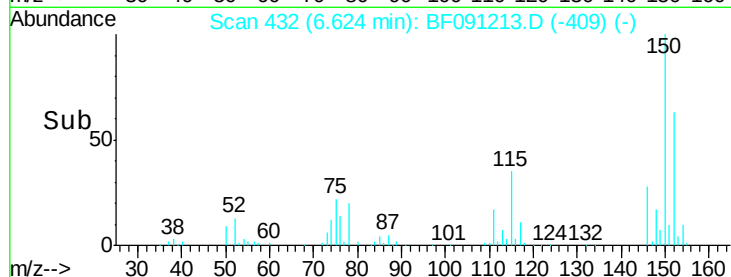
115 55.6 53.3 79.9



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: 32.13 ng

RT: 2.17 min Scan# 42

Delta R.T. 0.02 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

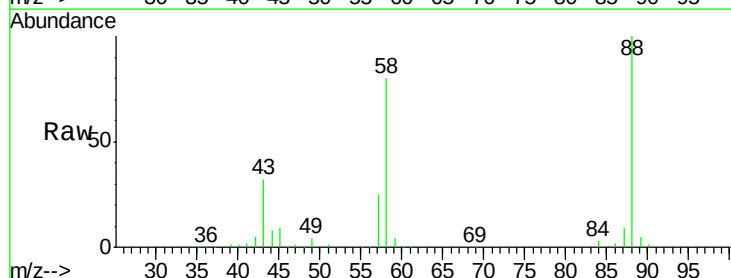
Tgt Ion: 88 Resp: 210815

Ion Ratio Lower Upper

88 100

58 77.8 63.8 95.6

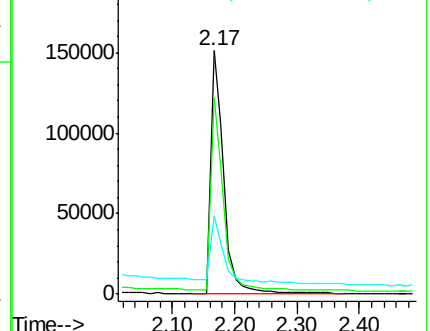
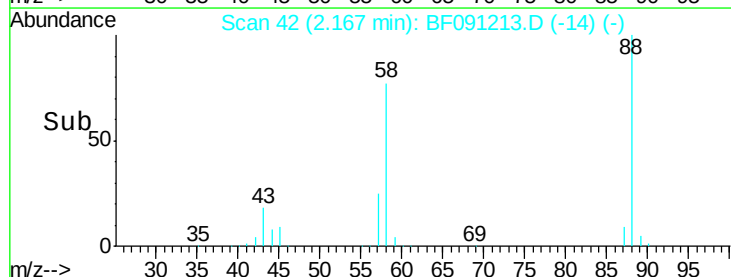
43 32.4 22.6 33.8

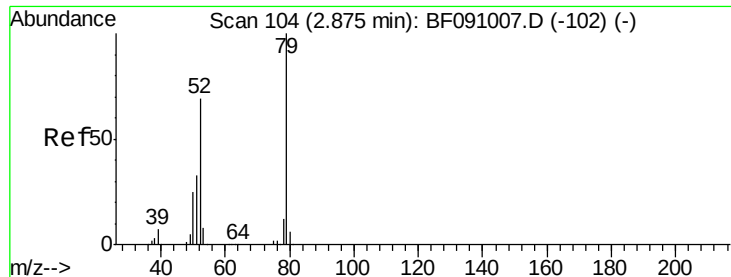


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.56 ng

RT: 2.80 min Scan# 97

Delta R.T. 0.01 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

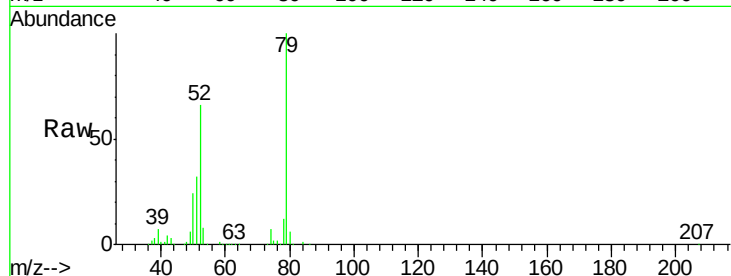
Tot Ion: 79 Resp: 637949

Ion Ratio Lower Upper

79 100

52 66.0 55.4 83.0

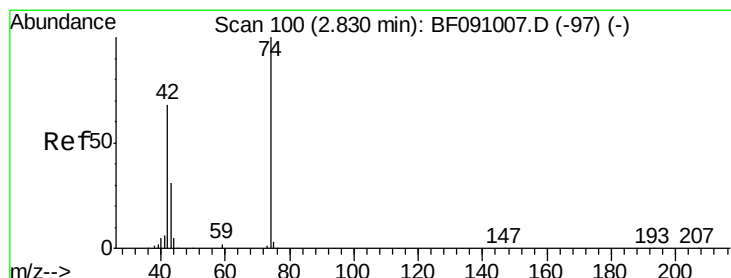
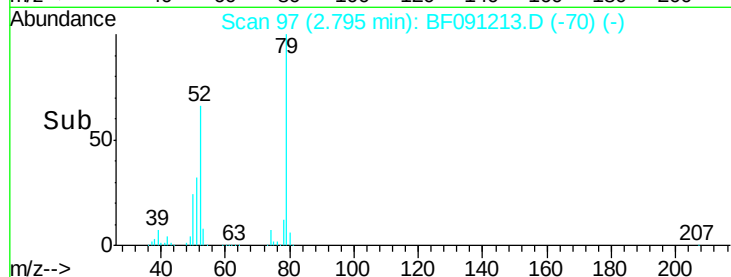
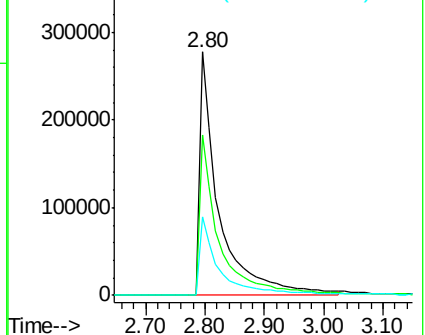
51 32.0 27.4 41.0



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: 38.64 ng

RT: 2.77 min Scan# 95

Delta R.T. 0.02 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

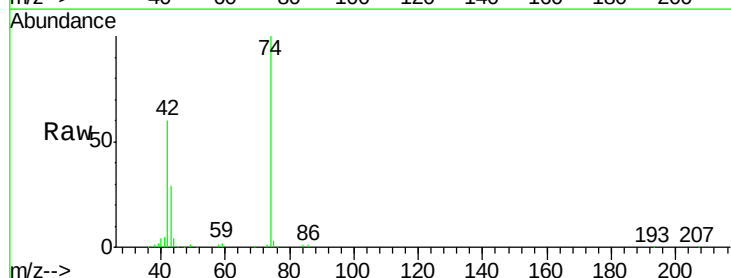
Tgt Ion: 42 Resp: 234611

Ion Ratio Lower Upper

42 100

74 166.6 117.3 175.9

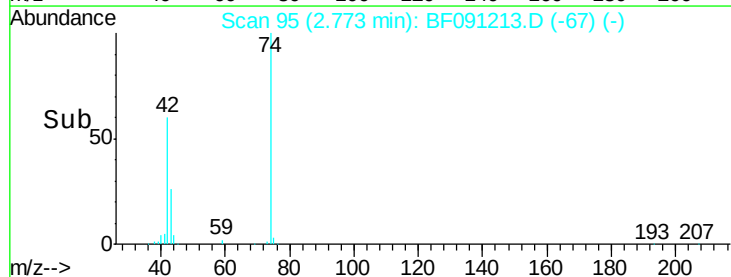
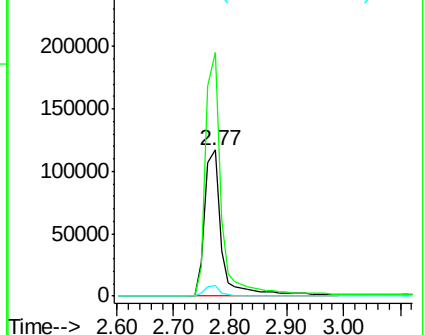
44 7.2 5.8 8.8

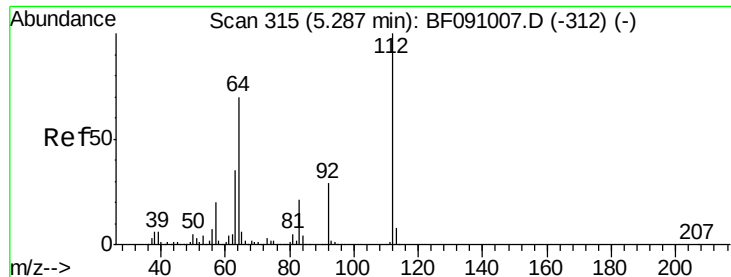


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.42 ng

RT: 5.22 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

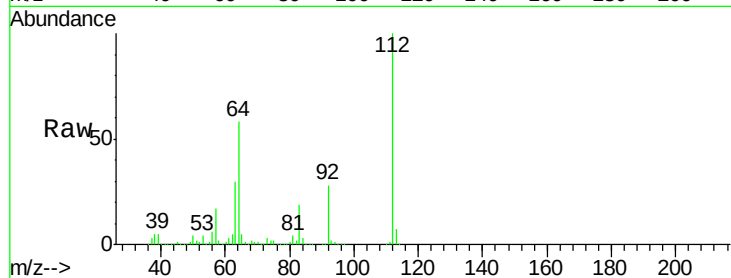
Tot Ion:112 Resp: 1495870

Ion Ratio Lower Upper

112 100

64 58.3 55.8 83.6

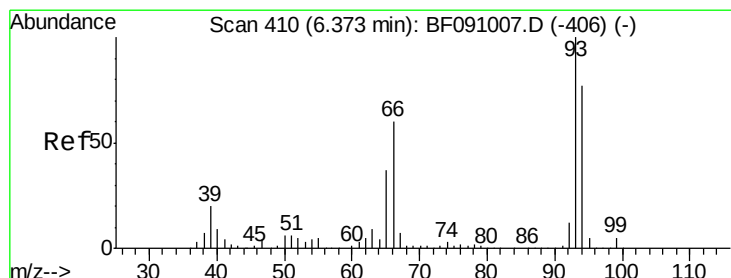
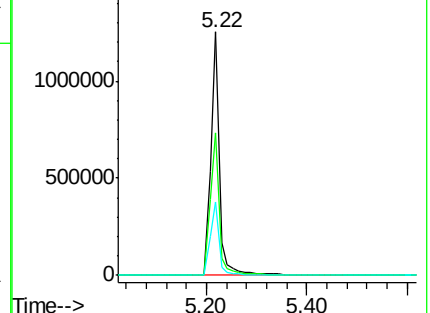
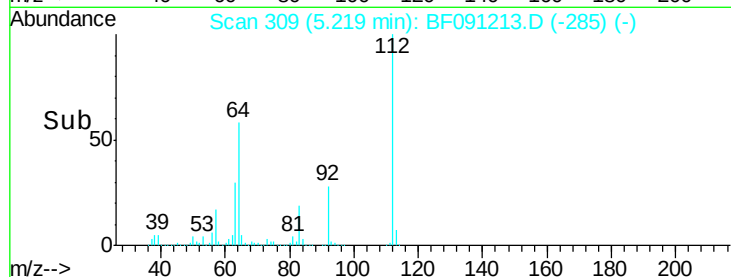
63 29.9 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.42 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

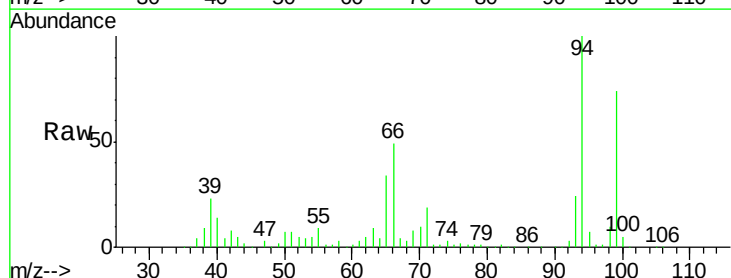
Tgt Ion: 93 Resp: 264832

Ion Ratio Lower Upper

93 100

66 200.5 48.2 72.2#

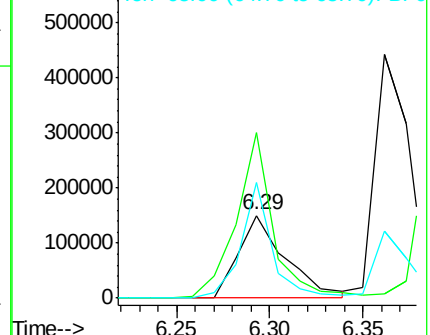
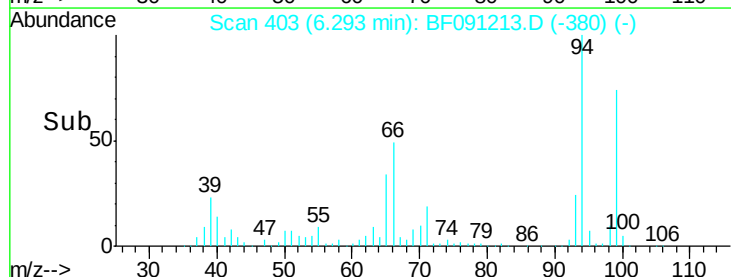
65 139.2 29.4 44.0#

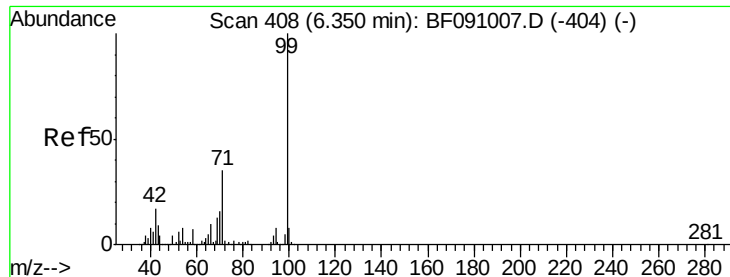


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.30 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

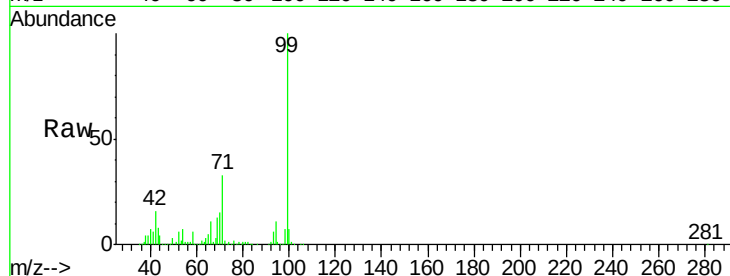
BNA_F

ClientSampleId :

PB94770BS

Tot Ion: 99 Resp: 1748180

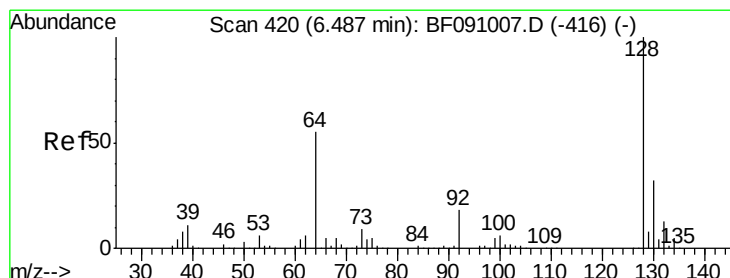
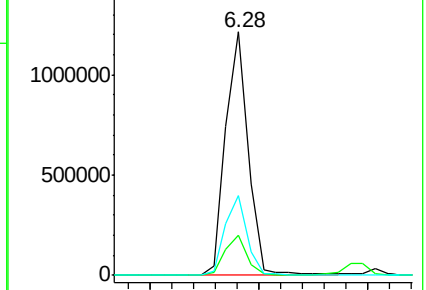
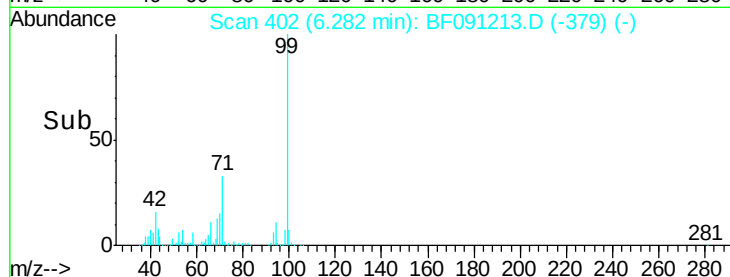
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.9	20.9
71	33.0	27.8	41.8



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: 43.14 ng

RT: 6.41 min Scan# 413

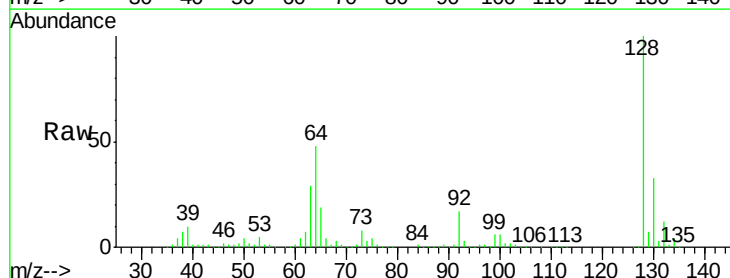
Delta R.T. -0.05 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Tgt Ion: 128 Resp: 590232

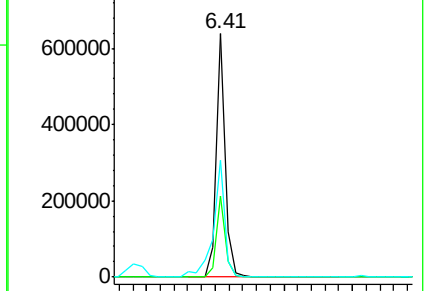
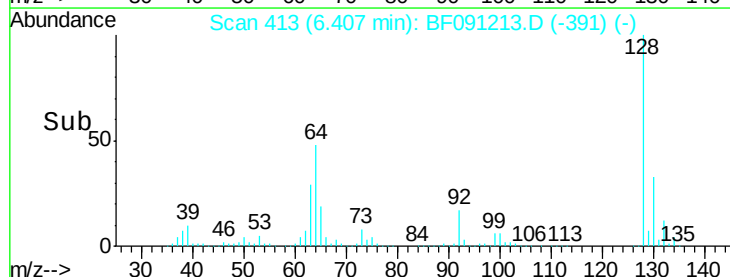
Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.0	52.0
64	48.0	37.2	77.2

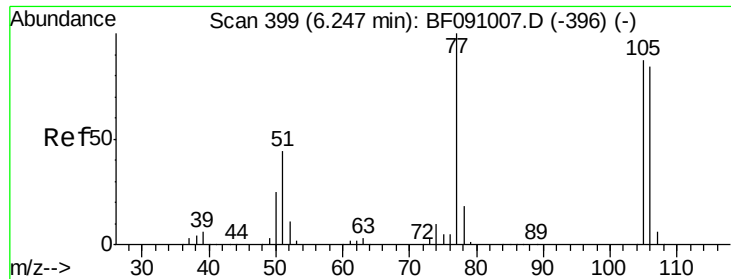


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

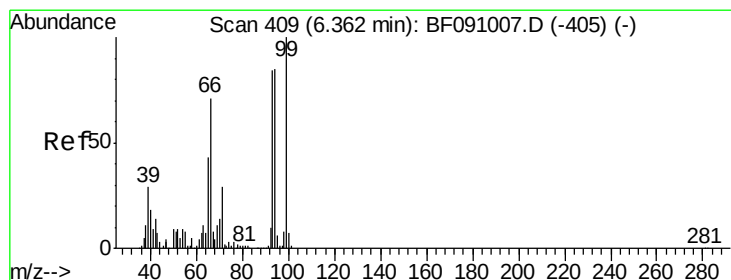
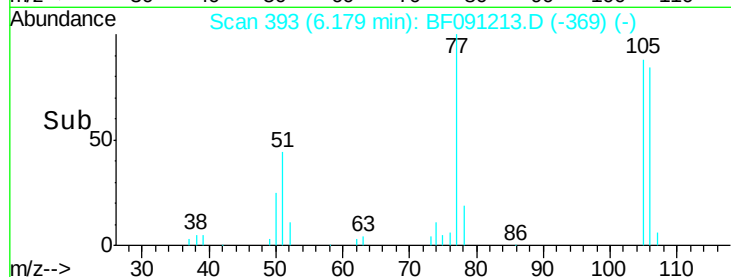
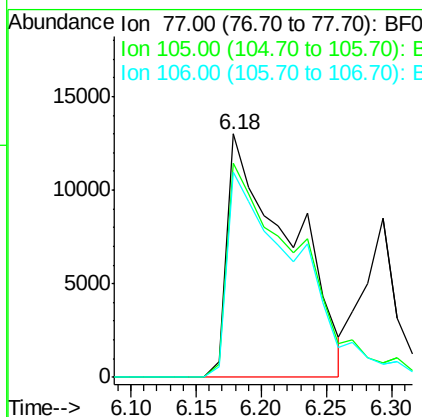
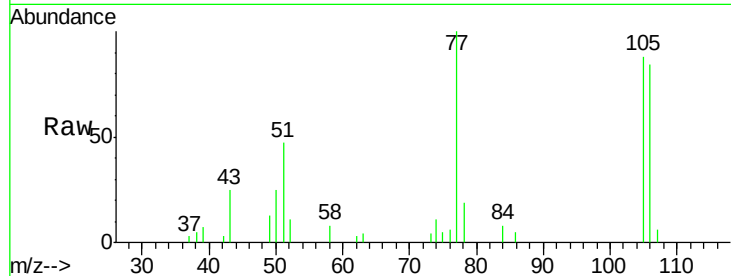




#9
Benzaldehyde
Concen: 5.00 ng
RT: 6.18 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

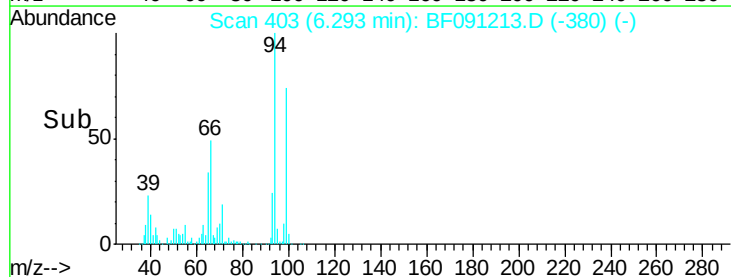
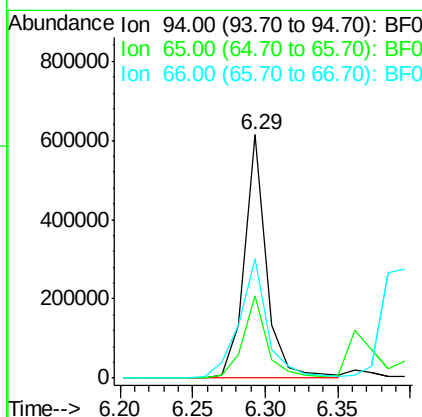
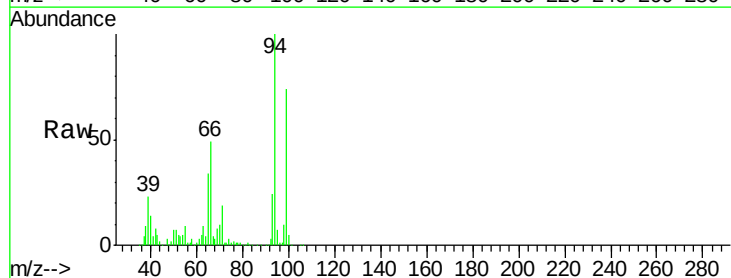
Instrument :
BNA_F
ClientSampleId :
PB94770BS

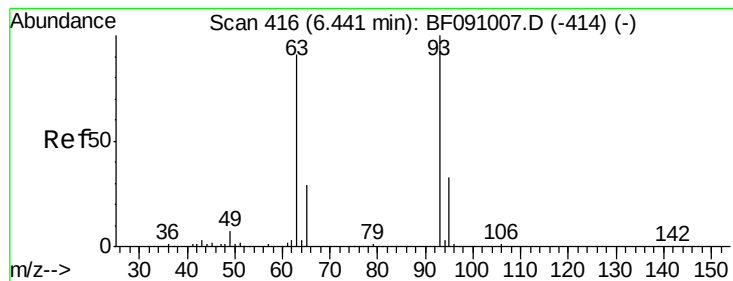
Tot Ion: 77 Resp: 43205
Ion Ratio Lower Upper
77 100
105 87.9 66.8 106.8
106 84.1 64.0 104.0



#10
Phenol
Concen: 37.75 ng
RT: 6.29 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Tgt Ion: 94 Resp: 650306
Ion Ratio Lower Upper
94 100
65 34.1 30.4 70.4
66 49.1 62.9 102.9#

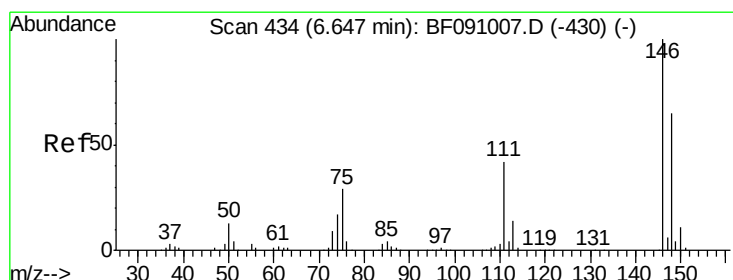
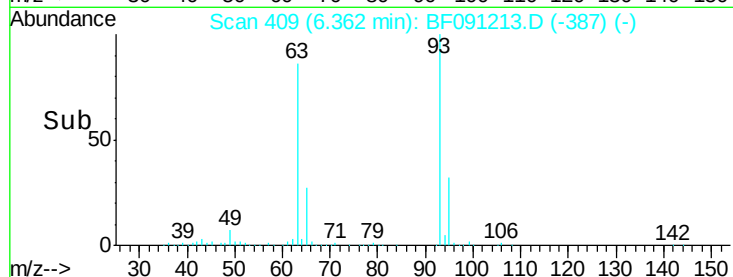
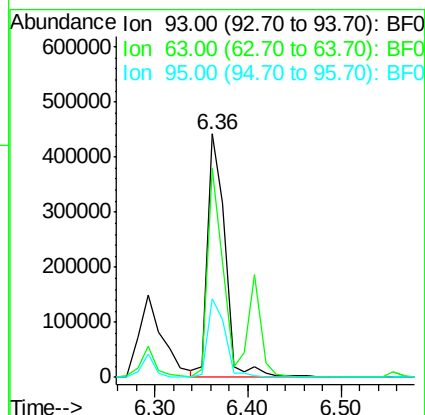
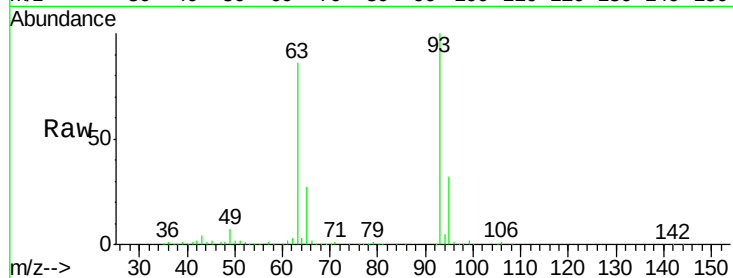




#11
 bis(2-Chloroethyl)ether
 Concen: 39.68 ng
 RT: 6.36 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

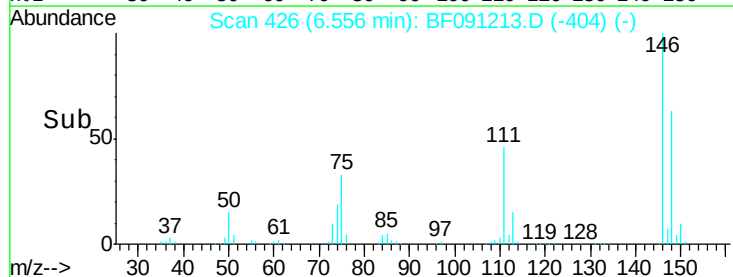
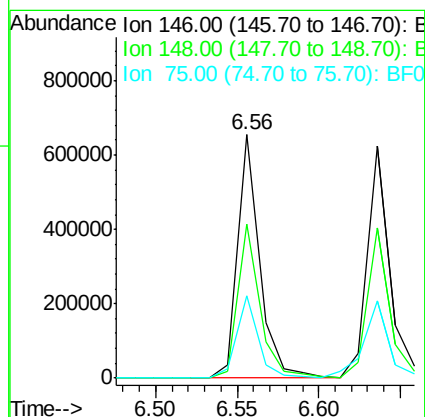
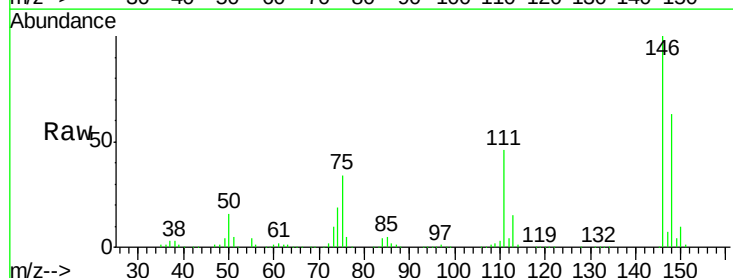
Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

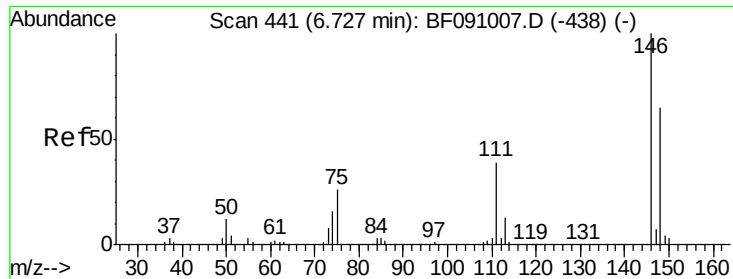
Tot Ion: 93 Resp: 576098
 Ion Ratio Lower Upper
 93 100
 63 86.0 68.9 108.9
 95 32.4 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 43.95 ng
 RT: 6.56 min Scan# 426
 Delta R.T. -0.05 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion: 146 Resp: 608094
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.0 78.0
 75 33.7 23.0 34.6

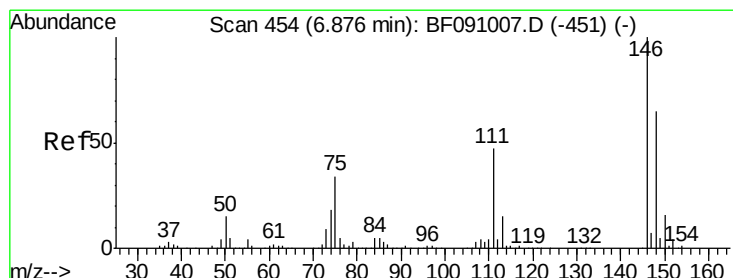
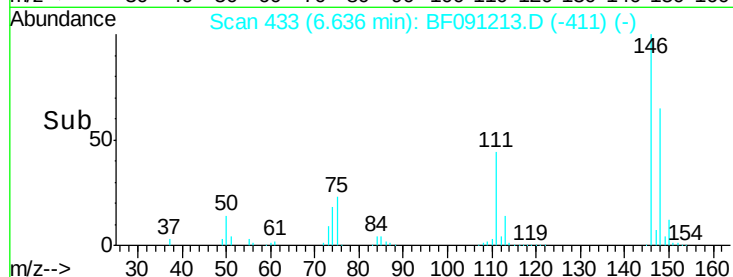
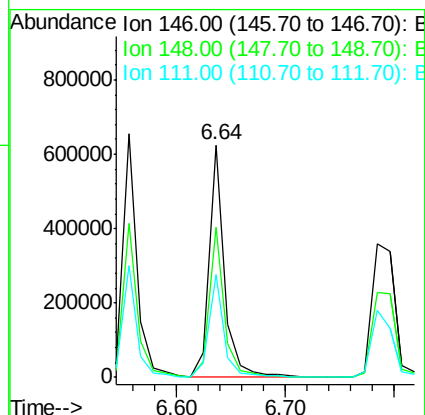
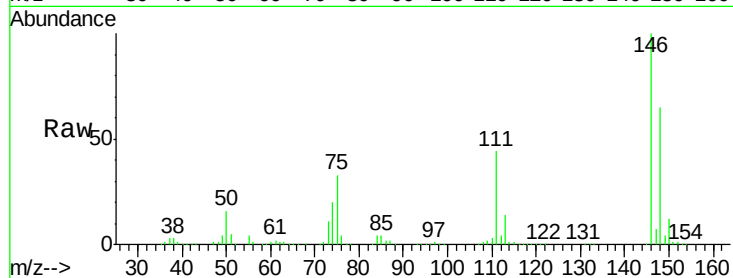




#13
 1,4-Dichlorobenzene
 Concen: 41.69 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

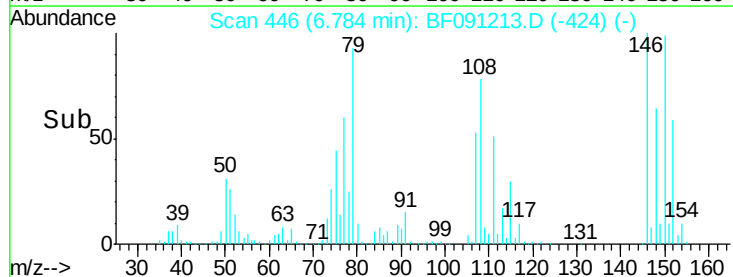
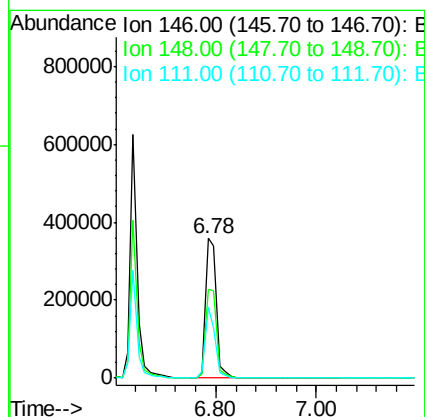
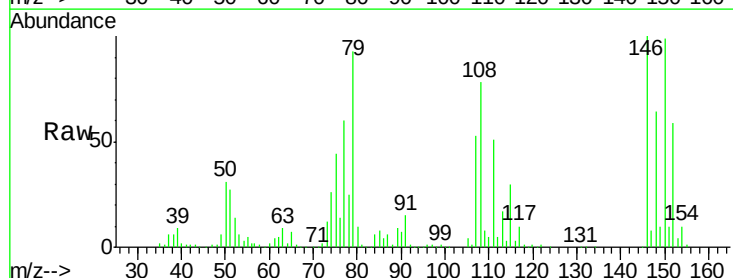
Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

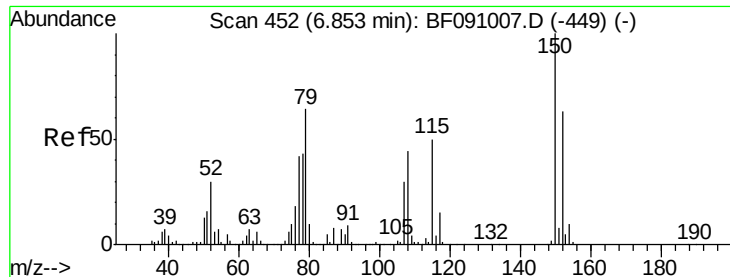
Tot Ion:146 Resp: 618950
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.1 78.1
 111 44.3 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 39.25 ng
 RT: 6.78 min Scan# 446
 Delta R.T. -0.05 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion:146 Resp: 534827
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.6 77.4
 111 50.6 37.3 55.9





#15

Benzyl Alcohol

Concen: 43.61 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

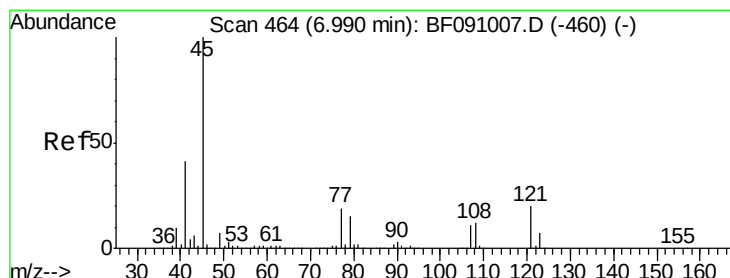
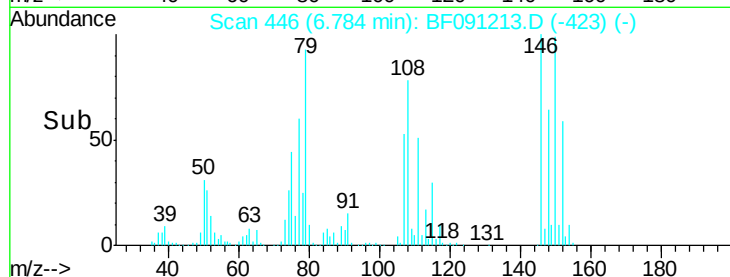
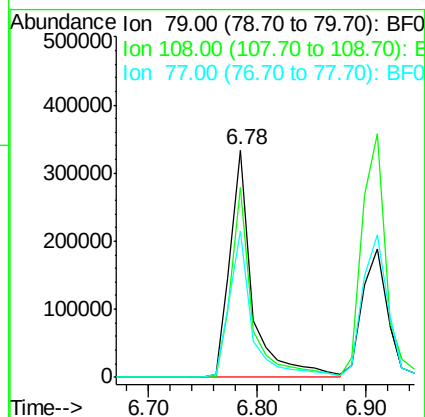
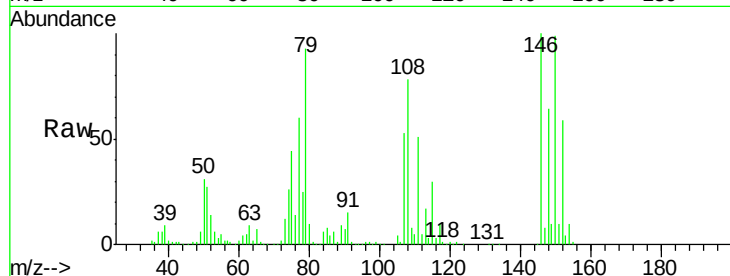
Tot Ion: 79 Resp: 478865

Ion Ratio Lower Upper

79 100

108 83.7 55.7 83.5#

77 64.5 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.12 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

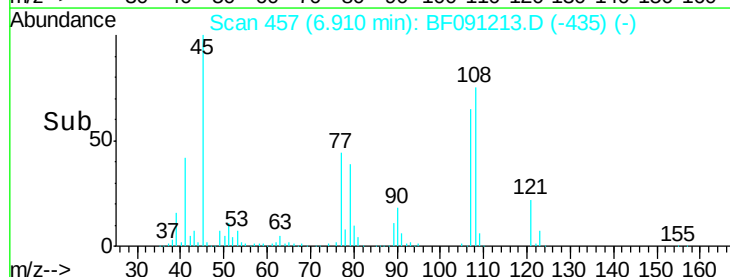
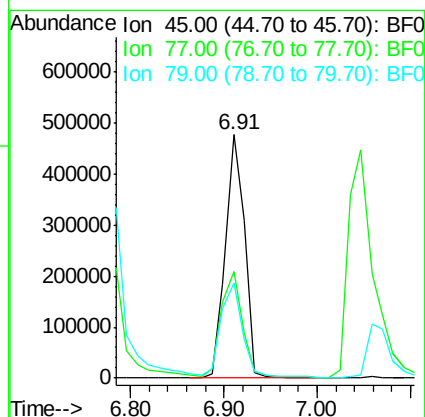
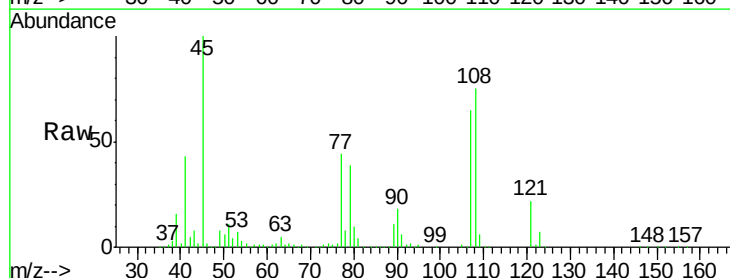
Tgt Ion: 45 Resp: 688565

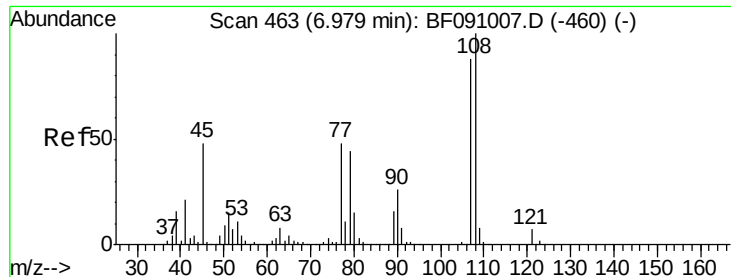
Ion Ratio Lower Upper

45 100

77 43.8 0.0 39.6#

79 39.3 0.0 35.9#





#17

2-Methylphenol

Concen: 42.77 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

Tot Ion:107 Resp: 463255

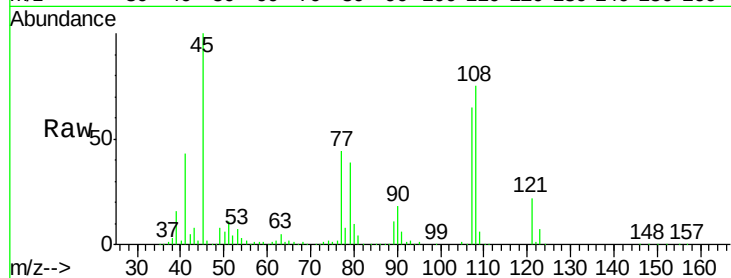
Ion Ratio Lower Upper

107 100

108 115.9 91.0 136.6

77 67.8 43.8 65.8#

79 60.9 40.6 60.8#

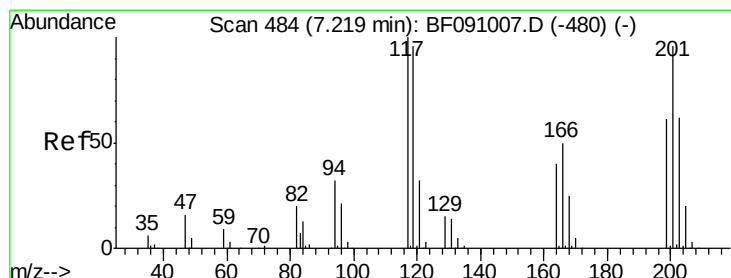
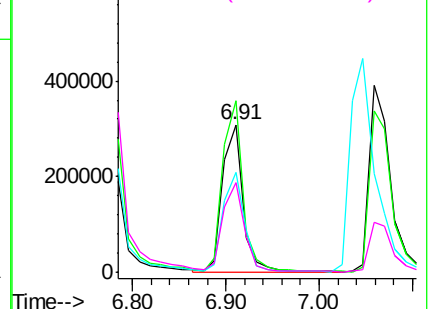
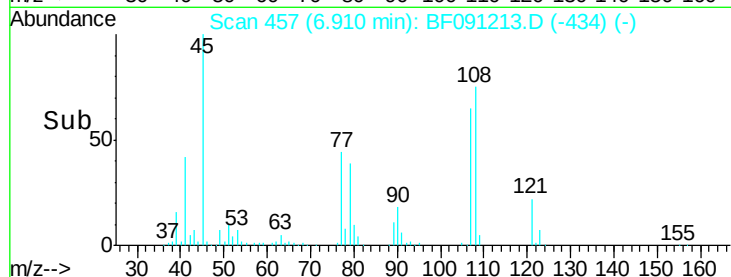


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.28 ng

RT: 7.13 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

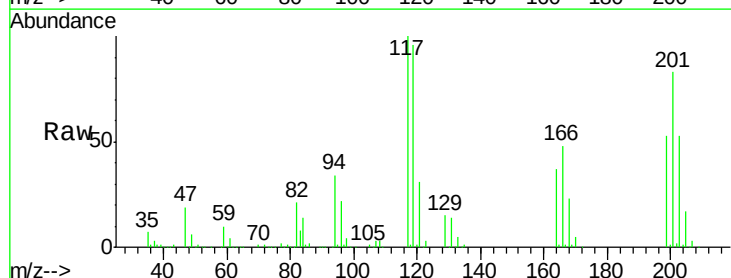
Tgt Ion:117 Resp: 237167

Ion Ratio Lower Upper

117 100

119 96.3 76.6 115.0

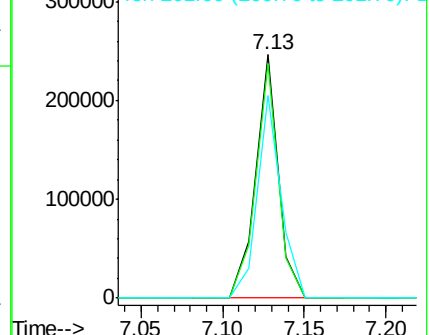
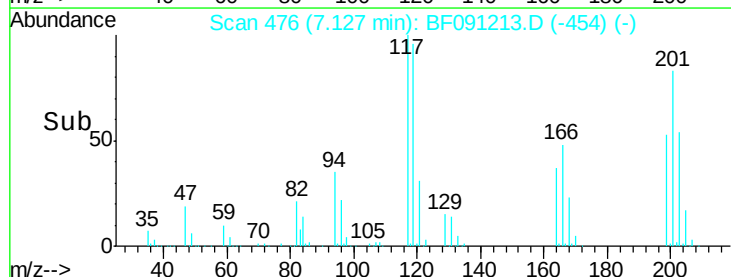
201 83.1 77.1 115.7

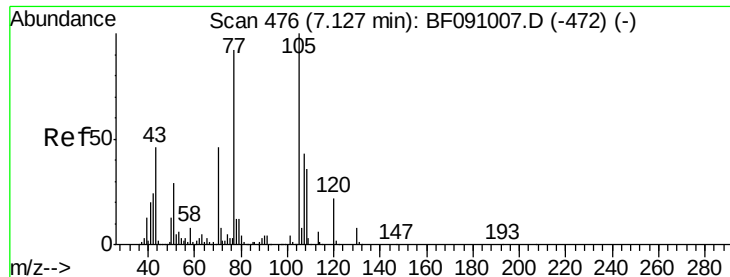


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

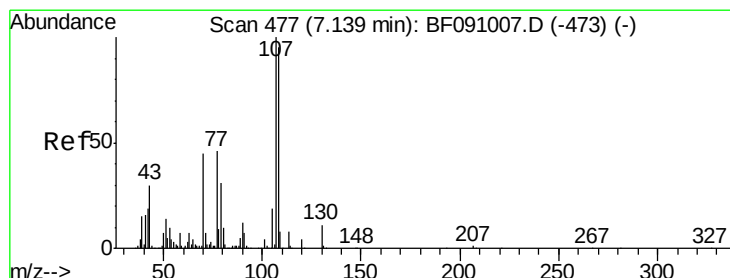
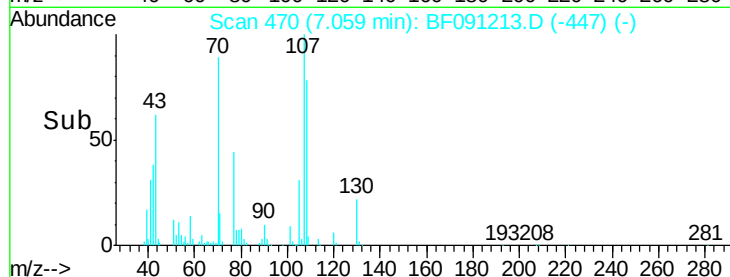
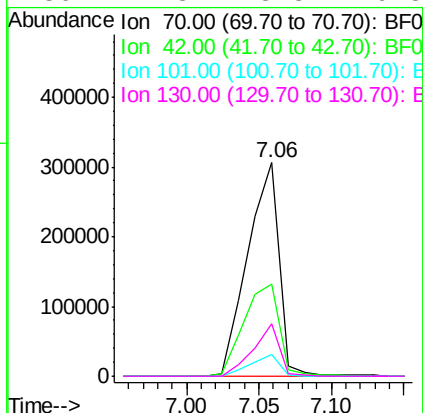
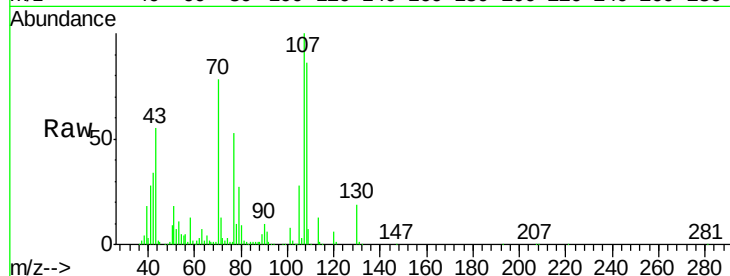




#19
n-Nitroso-di-n-propylamine
Concen: 42.70 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

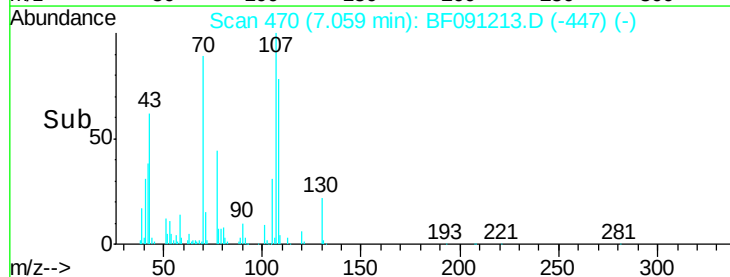
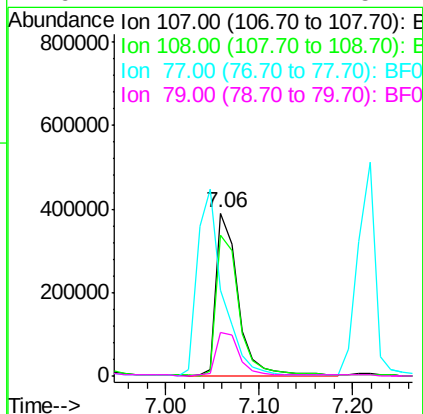
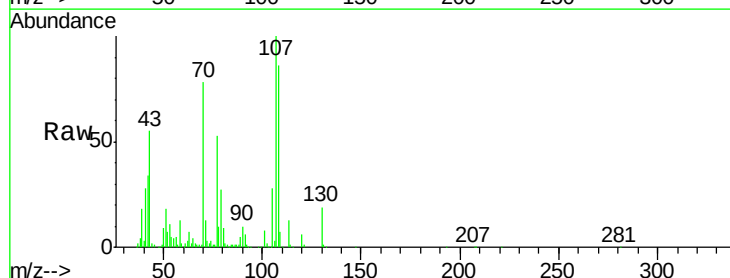
Instrument :
BNA_F
ClientSampleId :
PB94770BS

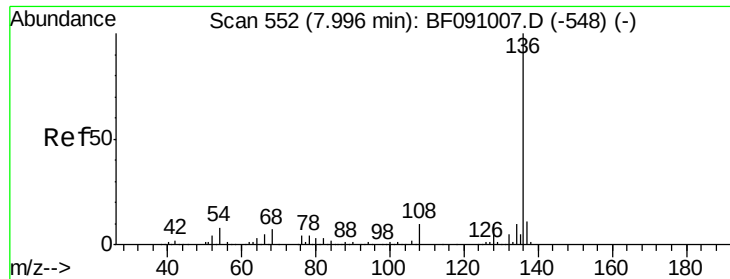
Tot Ion: 70 Resp: 460596
Ion Ratio Lower Upper
70 100
42 43.1 41.7 62.5
101 10.0 6.7 10.1
130 24.3 13.8 20.8#



#20
3+4-Methylphenols
Concen: 48.55 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Tgt Ion: 107 Resp: 631399
Ion Ratio Lower Upper
107 100
108 86.1 75.5 115.5
77 52.5 26.4 66.4
79 27.1 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

Tot Ion:136 Resp: 832339

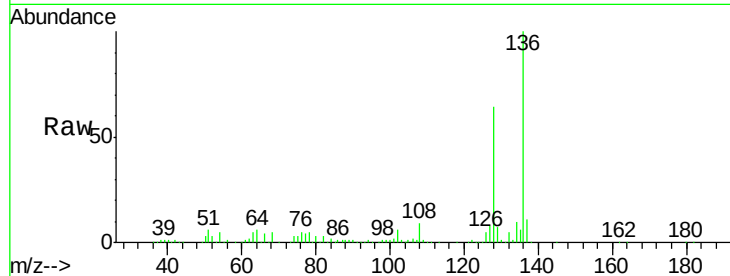
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.4 6.2 9.2#

68 5.1 5.5 8.3#

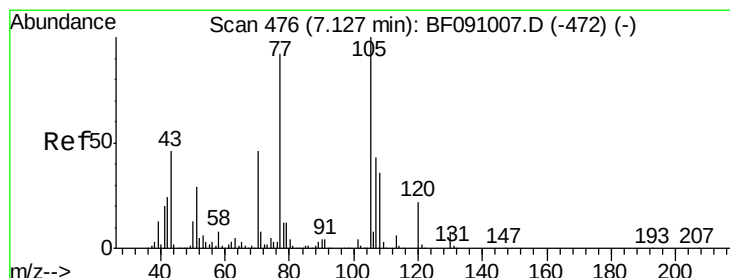
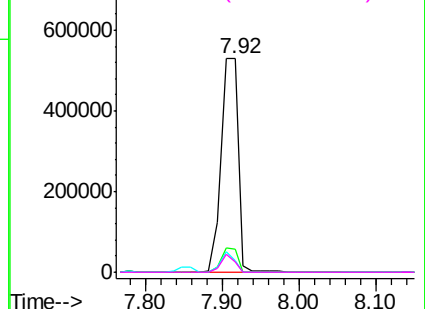
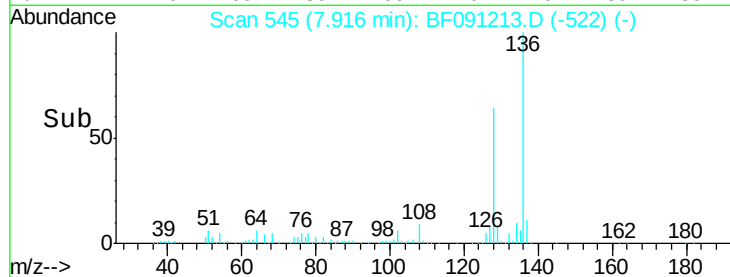


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.20 ng

RT: 7.05 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Tgt Ion:105 Resp: 827851

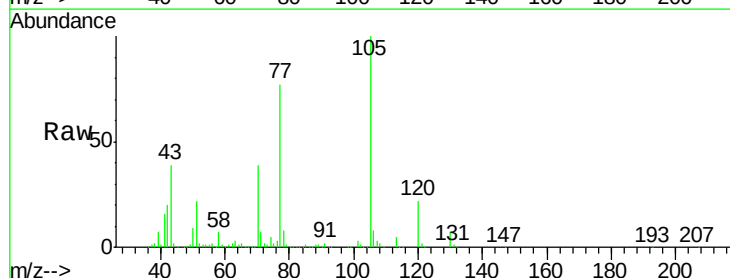
Ion Ratio Lower Upper

105 100

71 6.5 6.2 9.2

51 22.4 23.3 34.9#

120 21.7 17.4 26.0

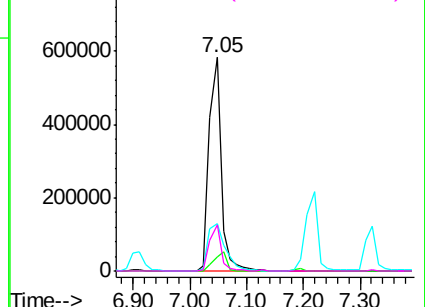
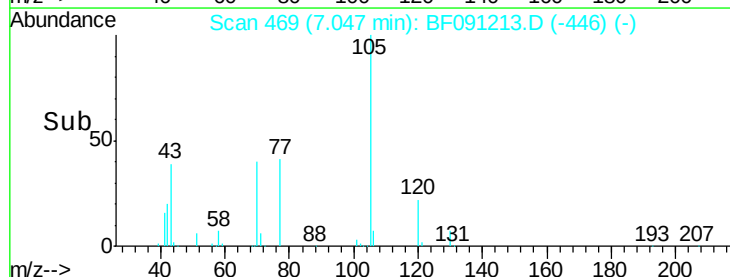


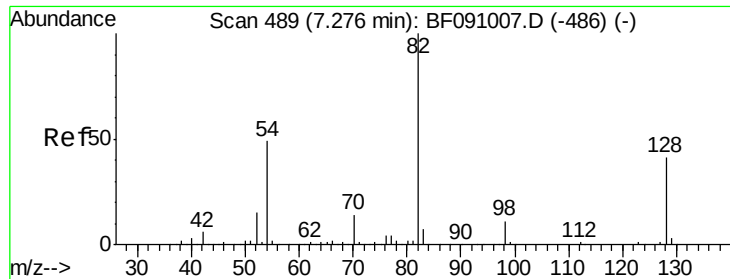
Abundance Ion 105.00 (104.70 to 105.70): E

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

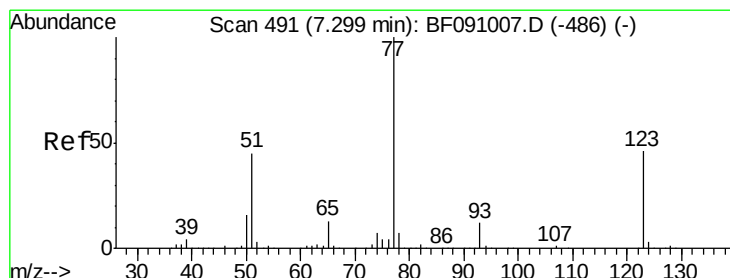
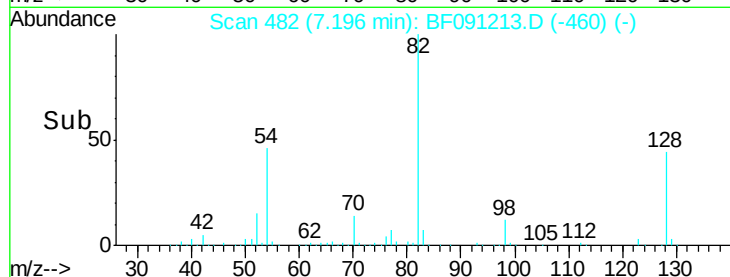
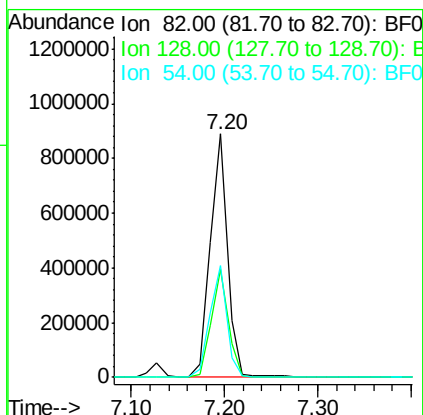
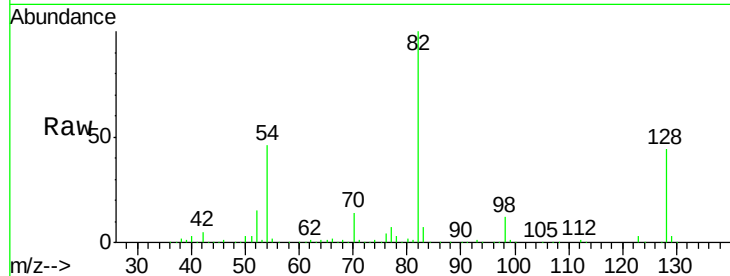




#23
 Nitrobenzene-d5
 Concen: 75.65 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

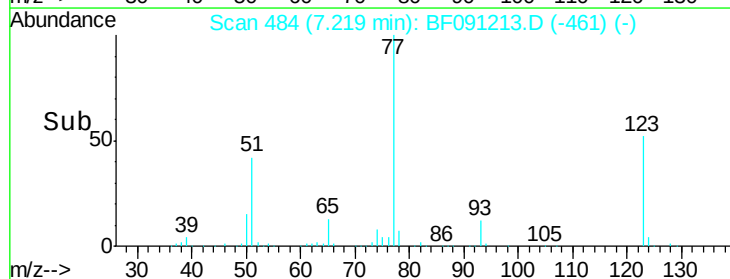
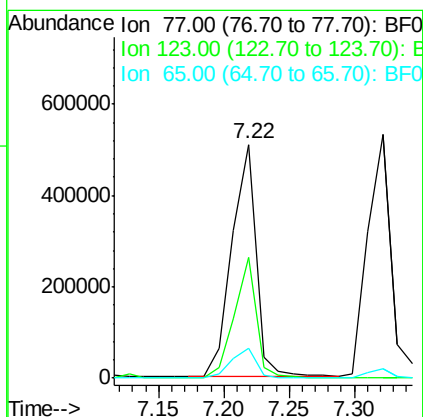
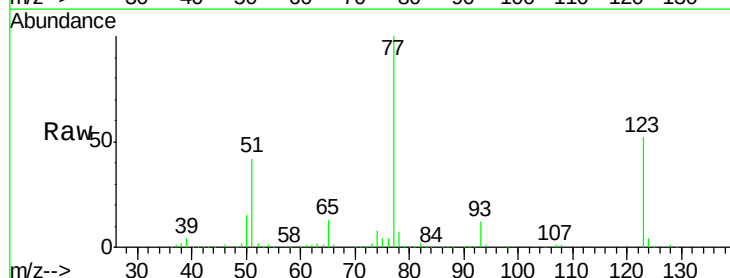
Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

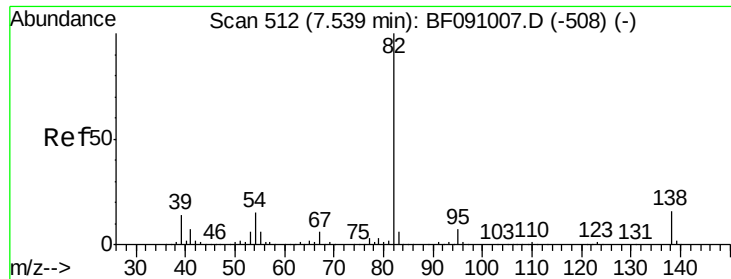
Tot Ion: 82 Resp: 1154330
 Ion Ratio Lower Upper
 82 100
 128 44.5 32.4 48.6
 54 46.0 39.2 58.8



#24
 Nitrobenzene
 Concen: 39.06 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion: 77 Resp: 658184
 Ion Ratio Lower Upper
 77 100
 123 51.7 36.5 54.7
 65 12.9 10.7 16.1





#25

Isophorone

Concen: 41.55 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

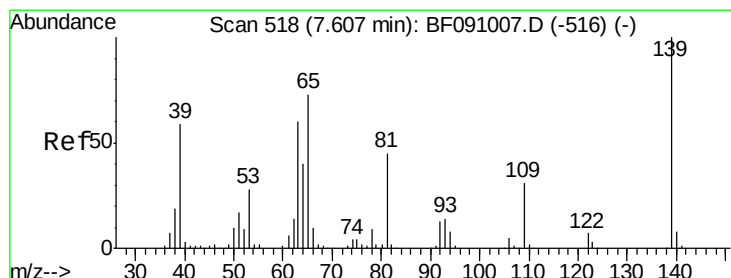
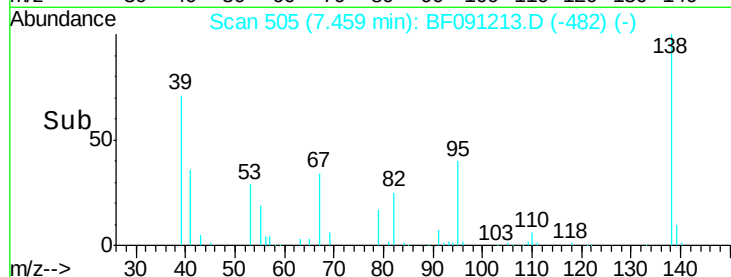
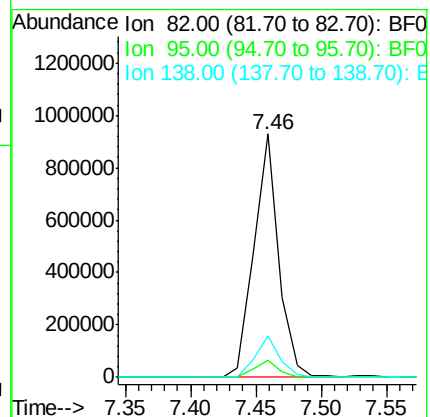
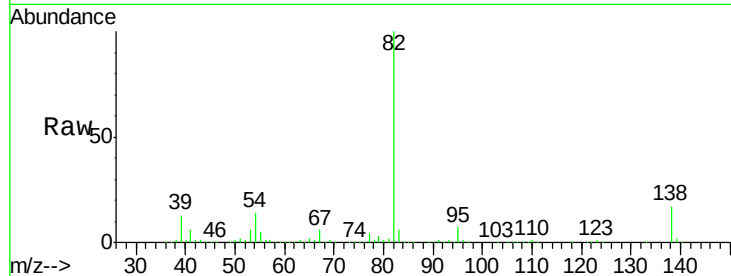
Tot Ion: 82 Resp: 1221675

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

138 17.0 13.0 19.4



#26

2-Nitrophenol

Concen: 43.35 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

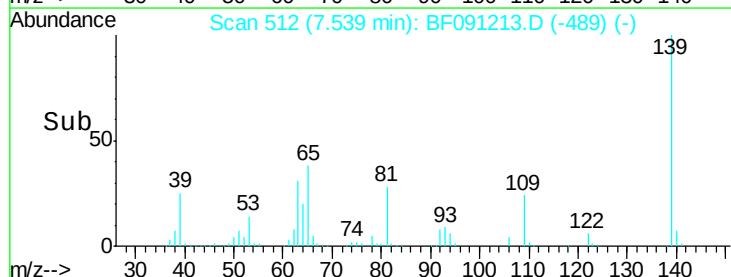
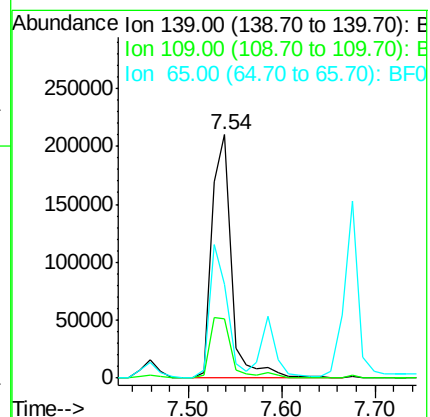
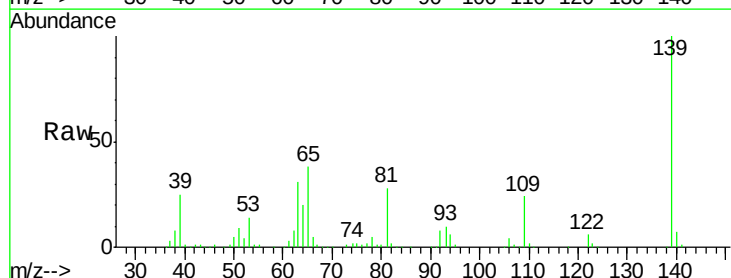
Tgt Ion: 139 Resp: 309123

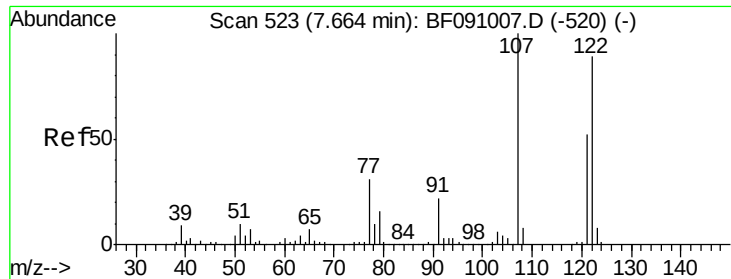
Ion Ratio Lower Upper

139 100

109 24.3 24.7 37.1#

65 38.4 58.3 87.5#

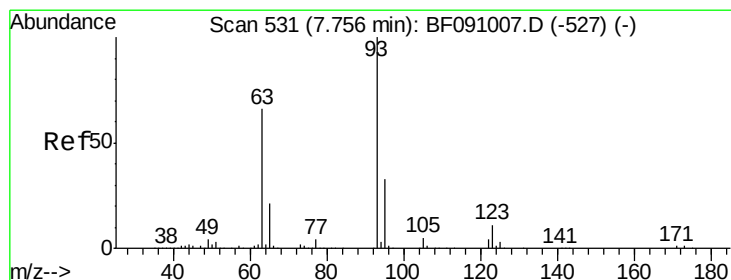
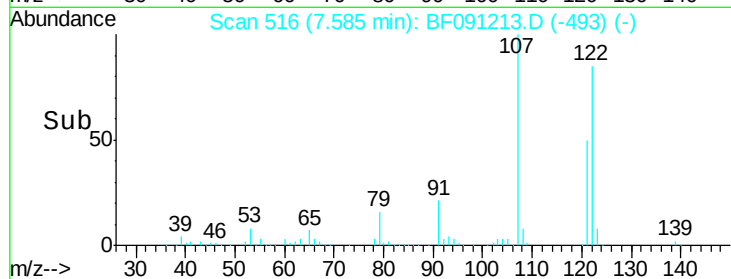
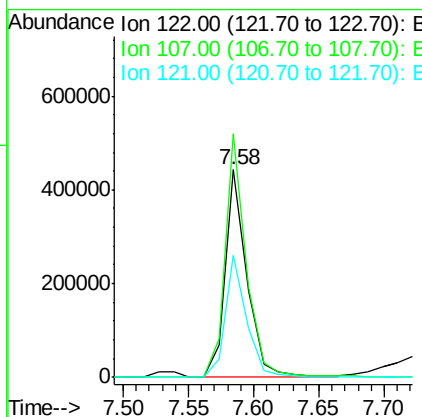
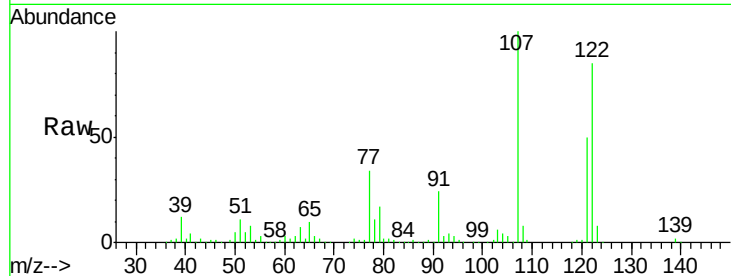




#27
 2,4-Dimethylphenol
 Concen: 42.88 ng
 RT: 7.58 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

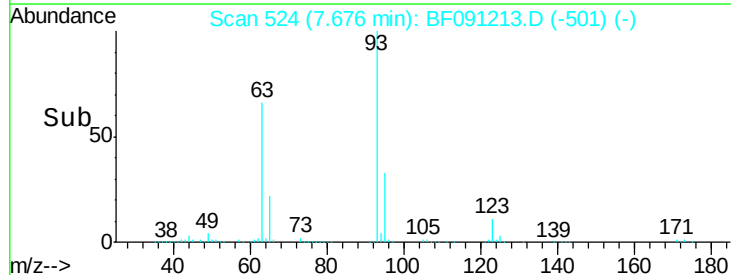
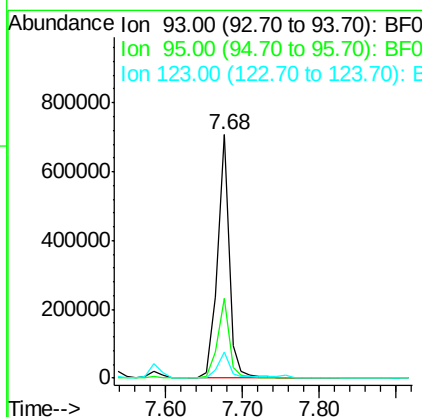
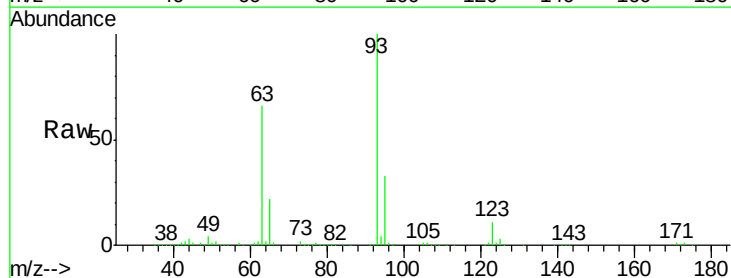
Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

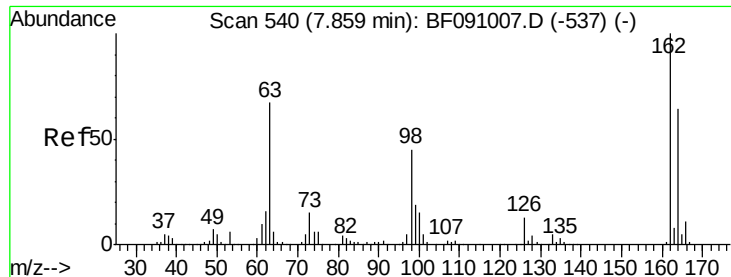
Tot Ion:	122	Resp:	505740
Ion	Ratio	Lower	Upper
122	100		
107	117.5	89.6	134.4
121	59.0	46.3	69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.08 ng
 RT: 7.68 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion:	93	Resp:	756252
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	10.7	8.7	13.1

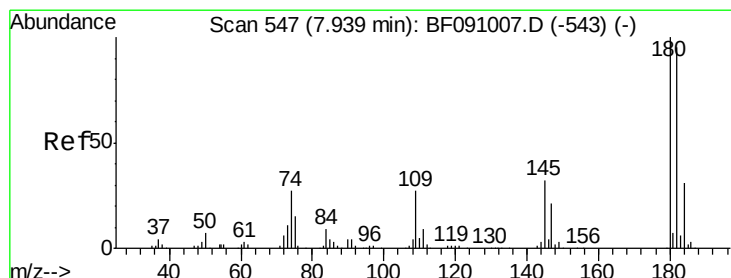
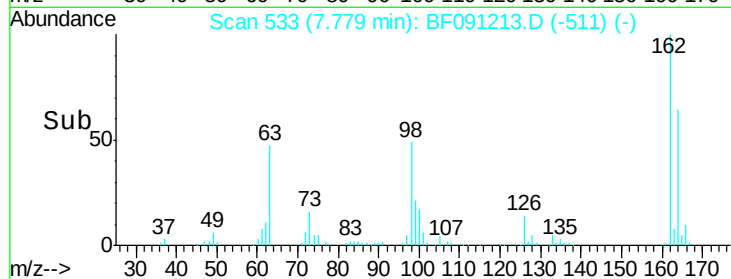
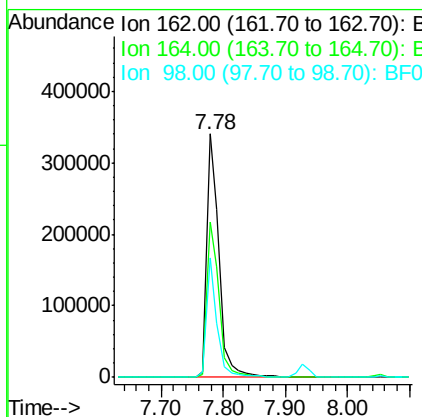
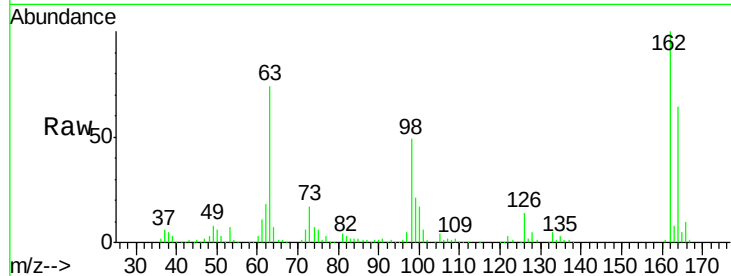




#29
 2,4-Dichlorophenol
 Concen: 44.92 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.05 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

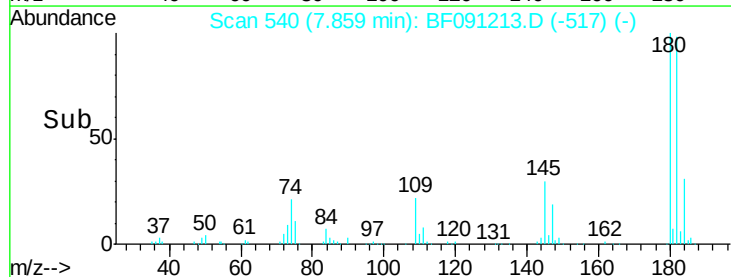
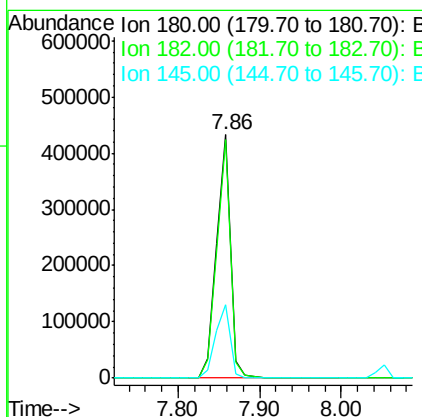
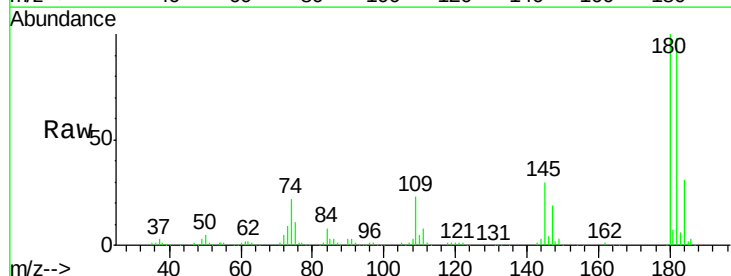
Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

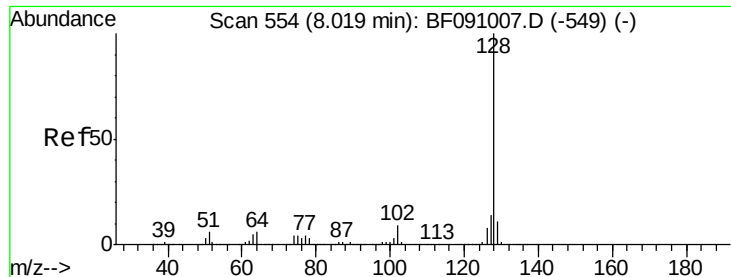
Tot Ion:162 Resp: 462344
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.4 84.4
 98 49.1 25.2 65.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.29 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion:180 Resp: 512599
 Ion Ratio Lower Upper
 180 100
 182 97.8 76.0 114.0
 145 30.2 25.8 38.8

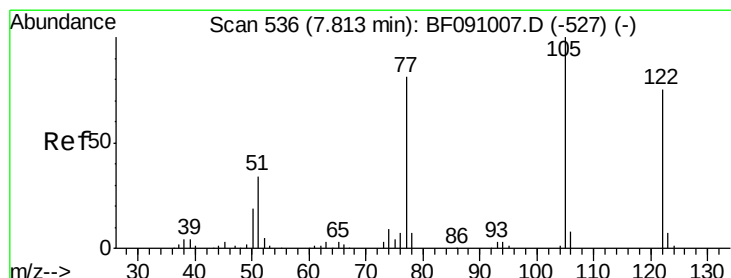
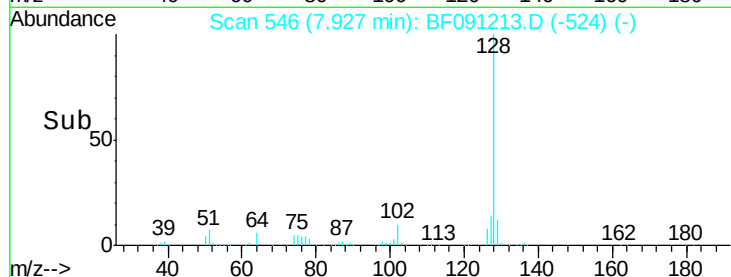
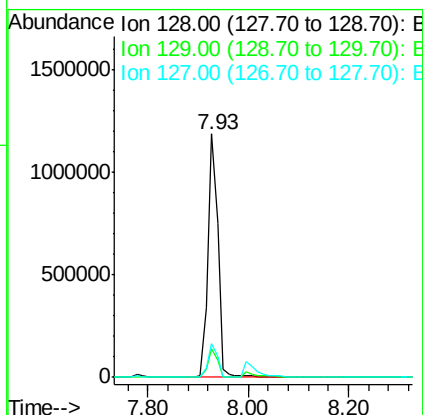
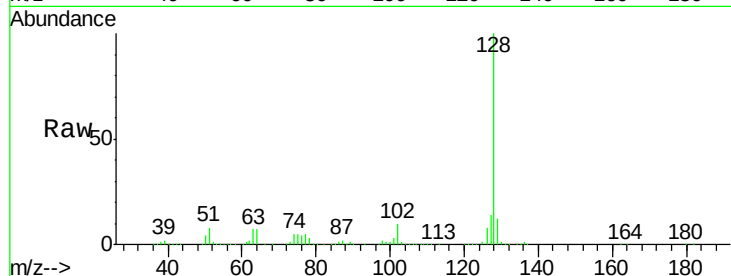




#31
Naphthalene
Concen: 41.17 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

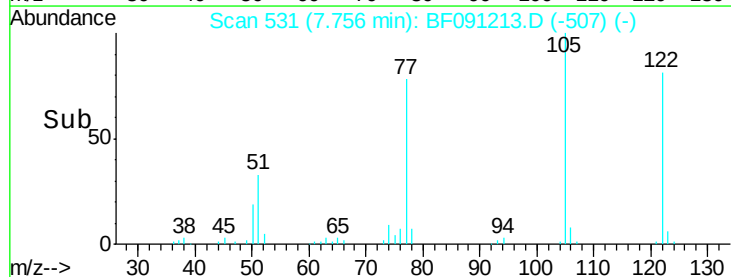
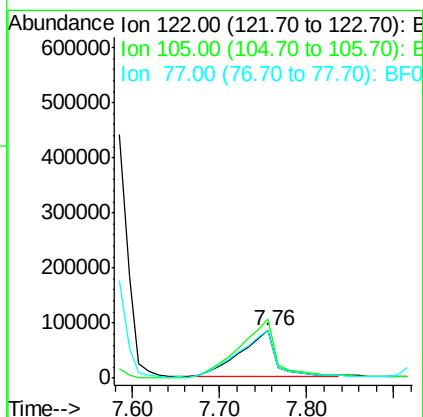
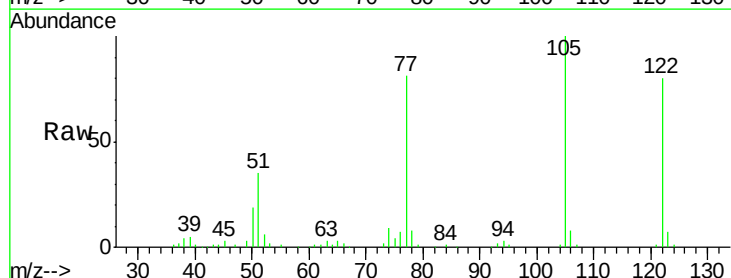
Instrument :
BNA_F
ClientSampleId :
PB94770BS

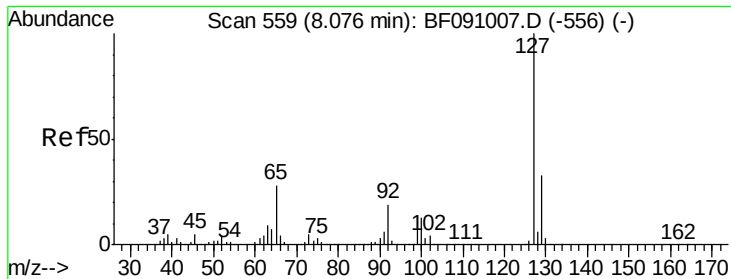
Tot Ion:128 Resp: 1638893
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 29.08 ng
RT: 7.76 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Tgt Ion:122 Resp: 246944
Ion Ratio Lower Upper
122 100
105 124.3 105.9 145.9
77 101.2 84.0 124.0

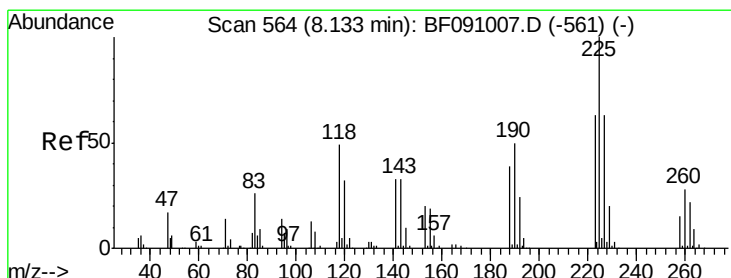
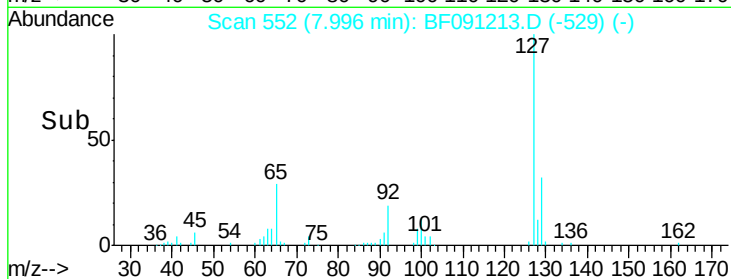
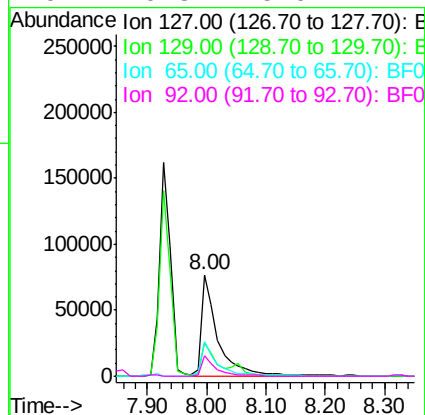
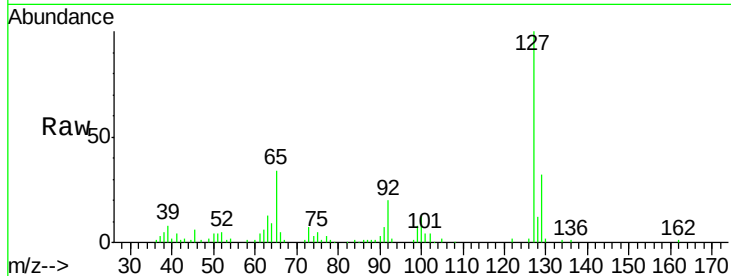




#33
4-Chloroaniline
Concen: 9.01 ng
RT: 8.00 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

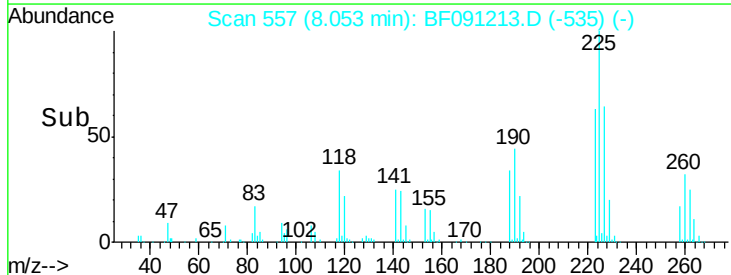
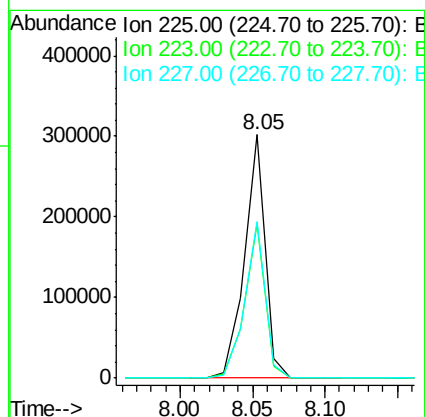
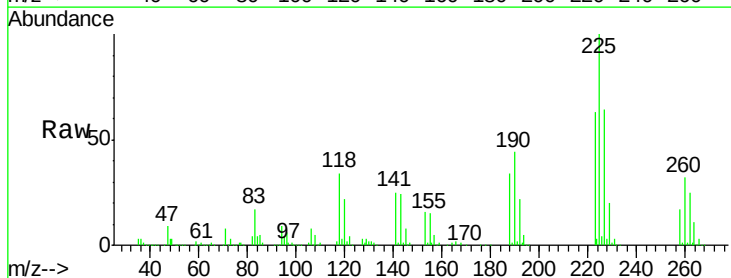
Instrument :
BNA_F
ClientSampleId :
PB94770BS

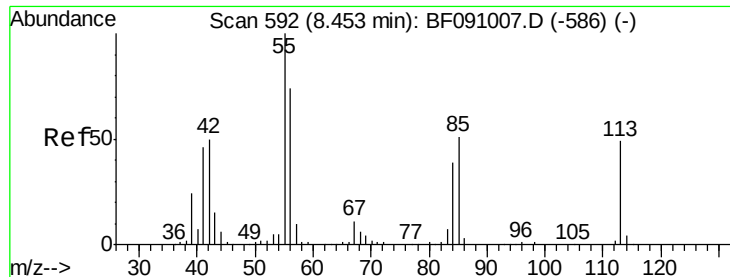
Tot Ion:	127	Resp:	149095
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	33.6	22.2	33.2#
92	19.8	15.0	22.4



#34
Hexachlorobutadiene
Concen: 47.57 ng
RT: 8.05 min Scan# 557
Delta R.T. -0.05 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Tgt Ion:	225	Resp:	297162
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	64.3	50.1	75.1

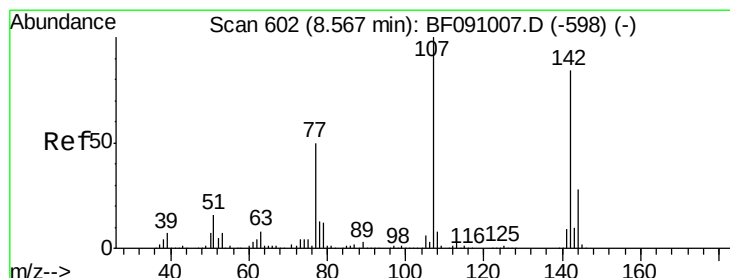
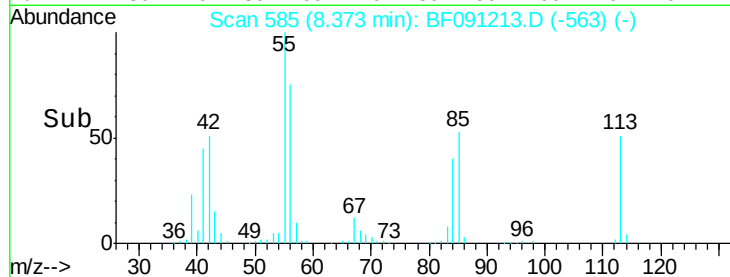
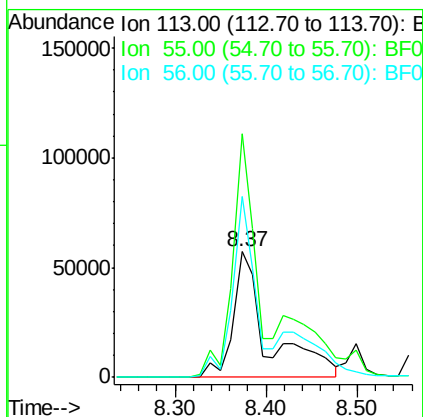
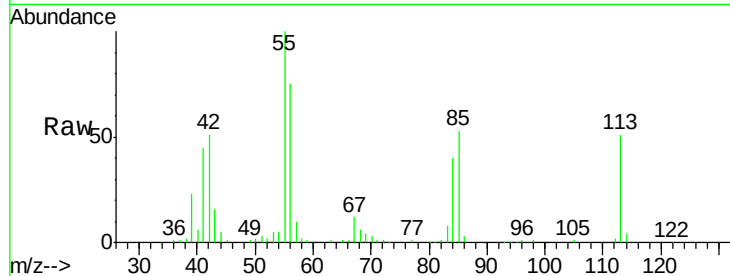




#35
 Caprolactam
 Concen: 46.25 ng/ml
 RT: 8.37 min Scan# 585
 Delta R.T. -0.05 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

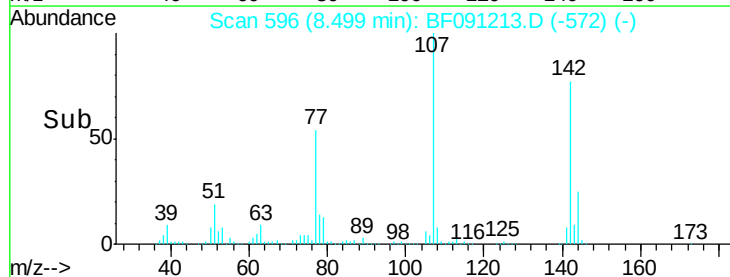
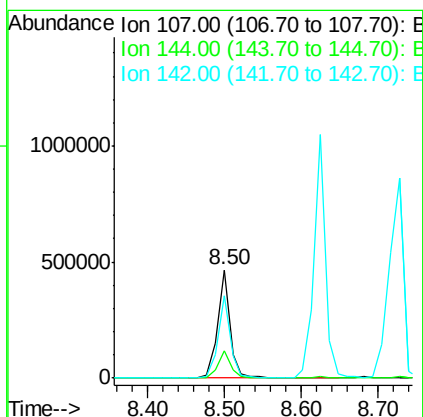
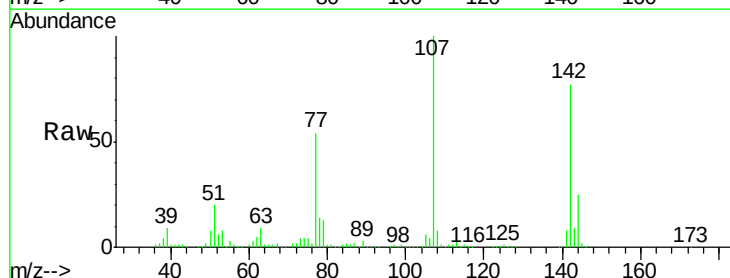
Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

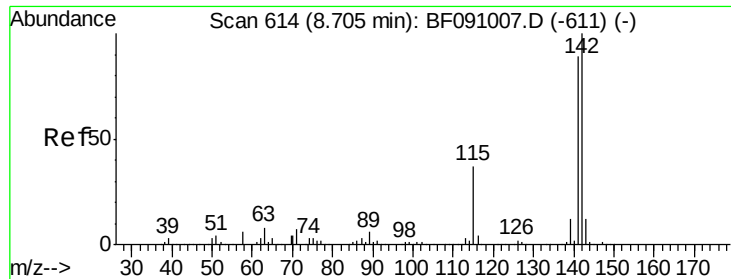
Tot Ion:113 Resp: 149551
 Ion Ratio Lower Upper
 113 100
 55 194.2 184.1 224.1
 56 144.7 132.0 172.0



#36
 4-Chloro-3-methylphenol
 Concen: 43.12 ng
 RT: 8.50 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion:107 Resp: 537352
 Ion Ratio Lower Upper
 107 100
 144 25.1 22.5 33.7
 142 76.6 67.4 101.2

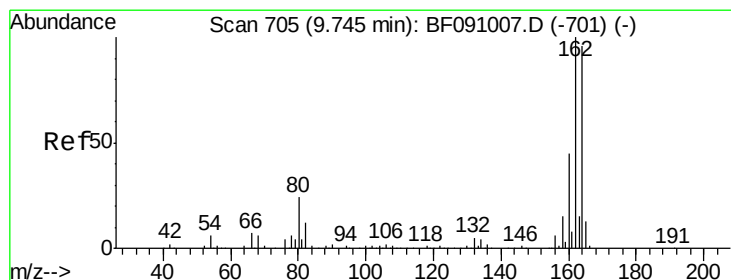
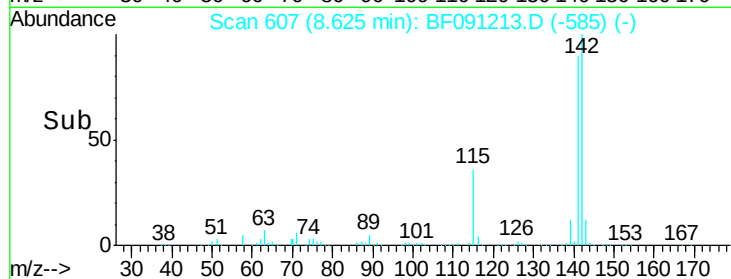
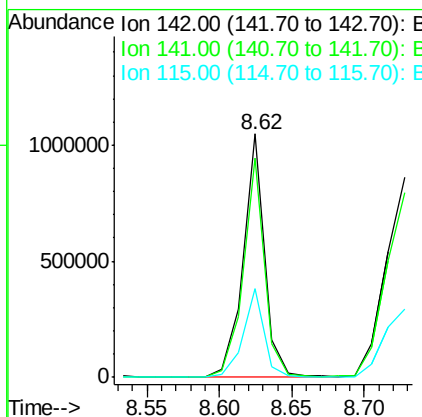
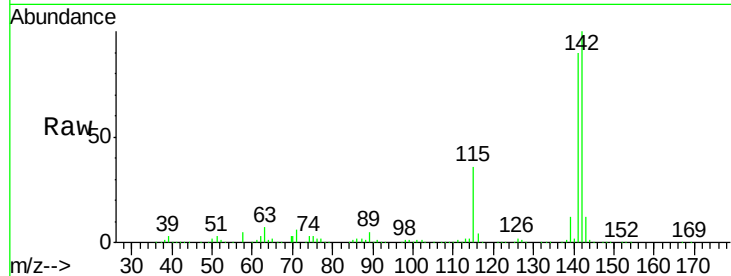




#37
 2-Methylnaphthalene
 Concen: 42.18 ng
 RT: 8.62 min Scan# 607
 Delta R.T. -0.05 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

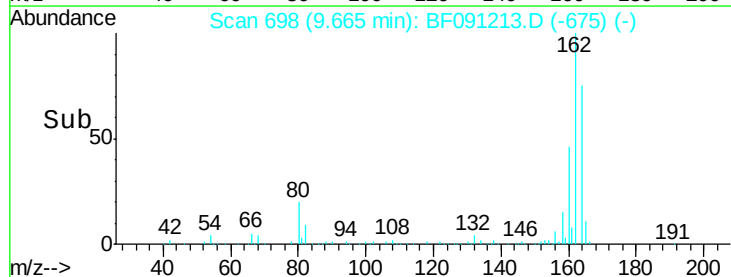
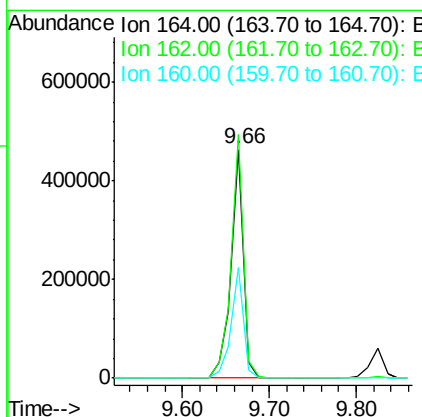
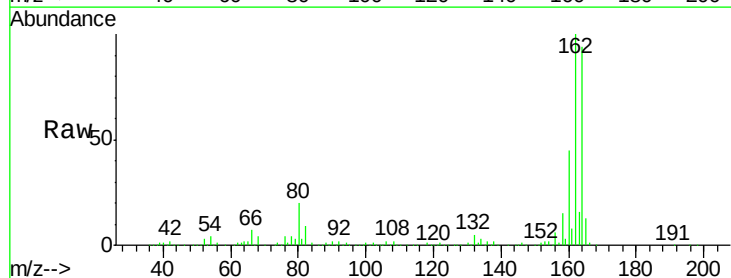
Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

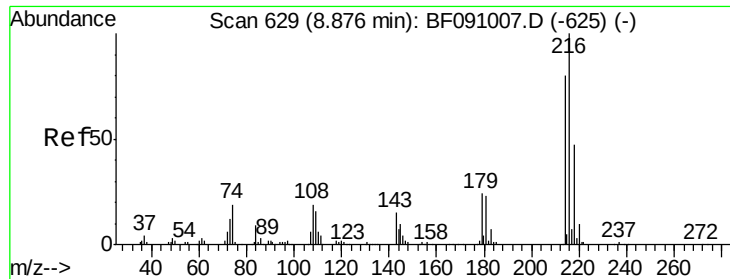
Tot Ion:142 Resp: 1079259
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.3 106.9
 115 36.3 29.9 44.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion:164 Resp: 457494
 Ion Ratio Lower Upper
 164 100
 162 106.4 83.6 125.4
 160 48.2 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.98 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

Tot Ion:216 Resp: 547973

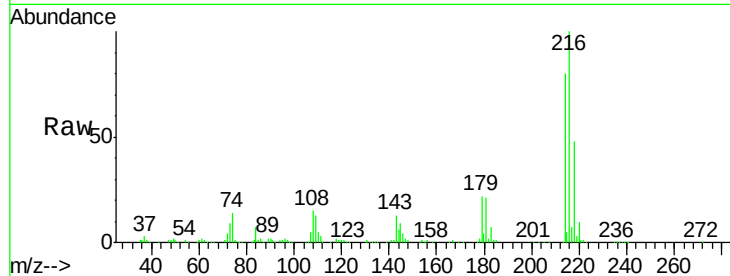
Ion Ratio Lower Upper

216 100

214 79.5 63.5 95.3

179 22.7 19.1 28.7

108 20.7 17.5 26.3

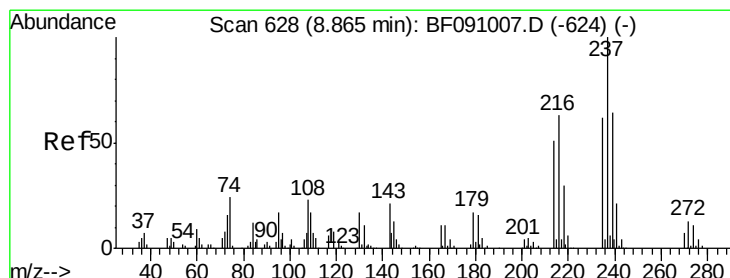
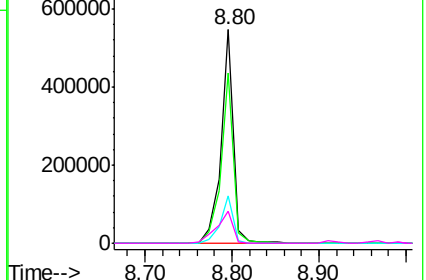
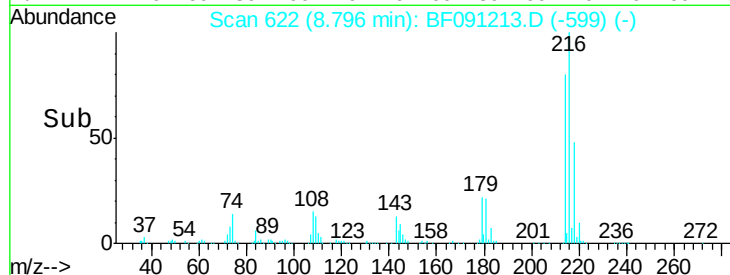


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.75 ng

RT: 8.78 min Scan# 621

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

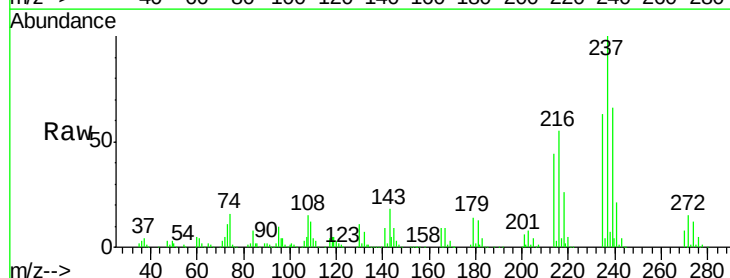
Tgt Ion:237 Resp: 425039

Ion Ratio Lower Upper

237 100

235 62.6 42.1 82.1

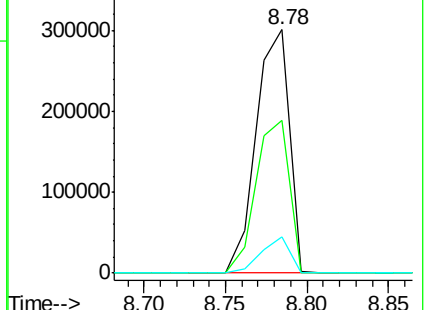
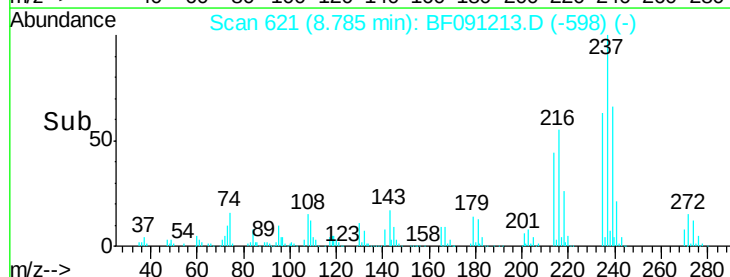
272 15.1 0.0 33.1

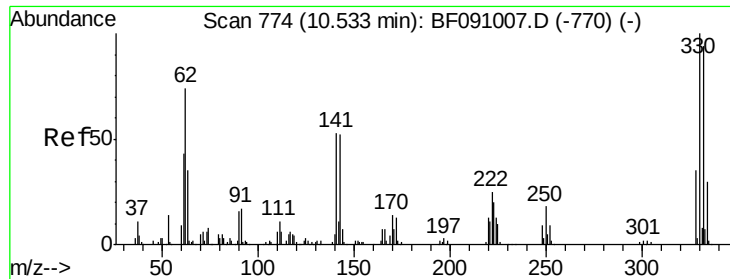


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

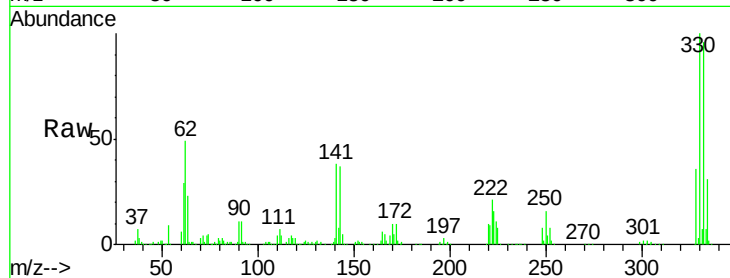




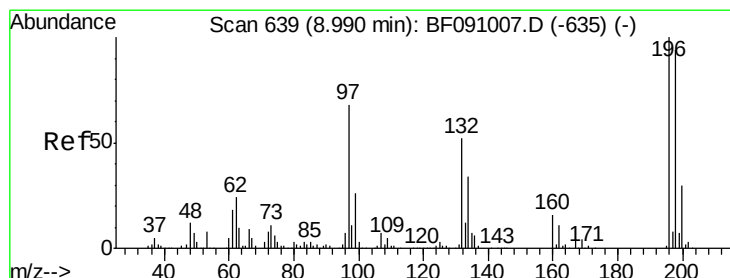
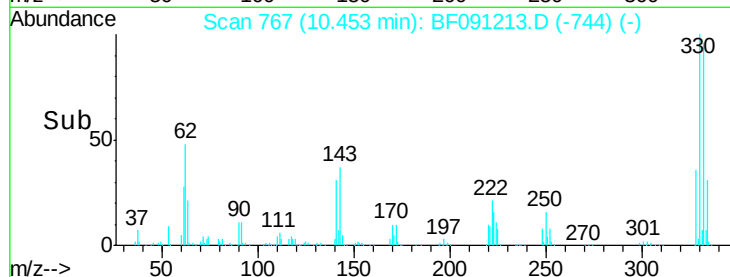
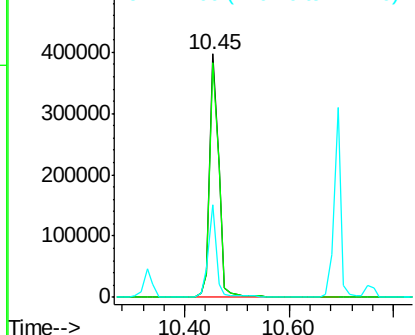
#41
 2,4,6-Tribromophenol
 Concen: 117.92 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

Tot Ion:330 Resp: 487729
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.9 113.9
 141 33.7 36.1 54.1#

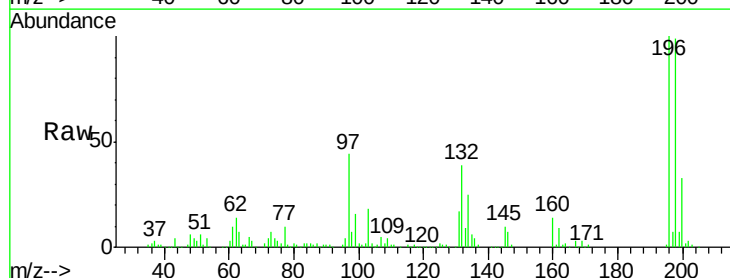


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

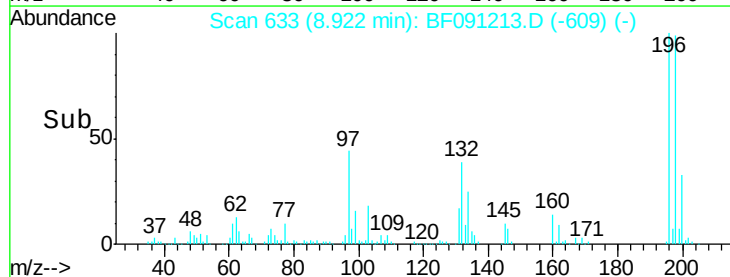
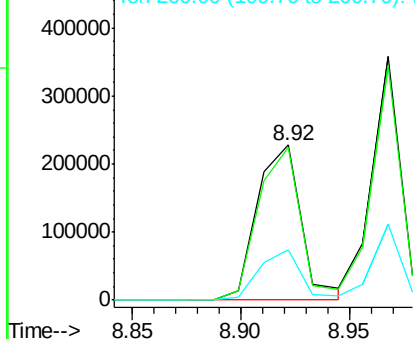


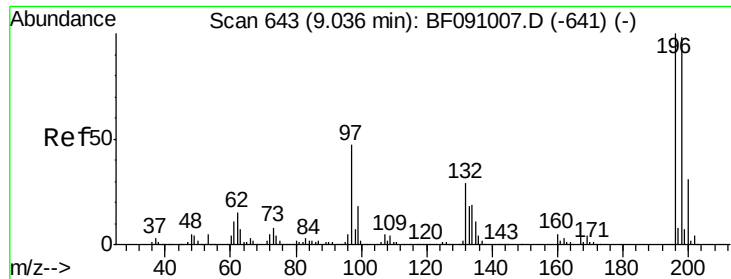
#42
 2,4,6-Trichlorophenol
 Concen: 42.88 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion:196 Resp: 322850
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.4 113.0
 200 32.5 24.1 36.1



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

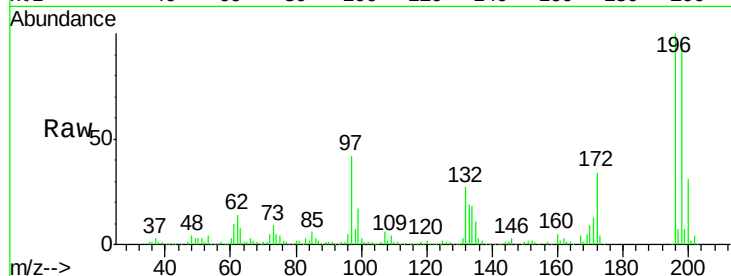




#43
 2,4,5-Trichlorophenol
 Concen: 44.97 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	96.1	78.2	117.4	
97	41.5	38.8	58.2	
132	26.6	23.5	35.3	



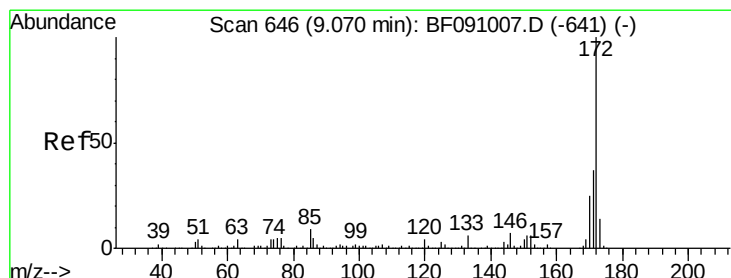
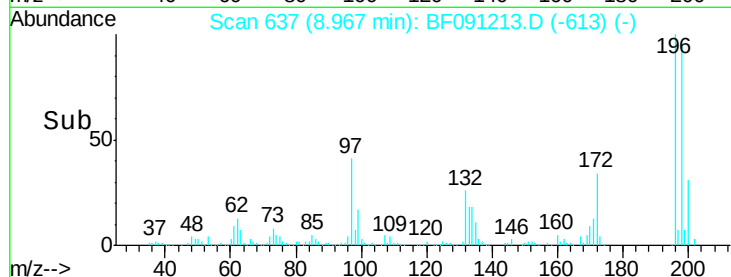
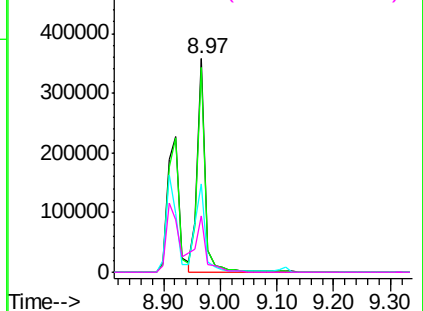
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

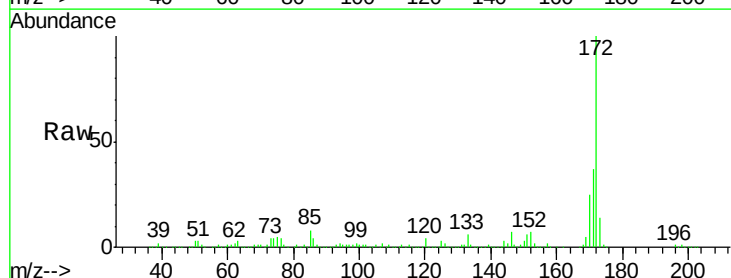
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.34 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.9	29.8	44.6	
170	25.4	20.3	30.5	

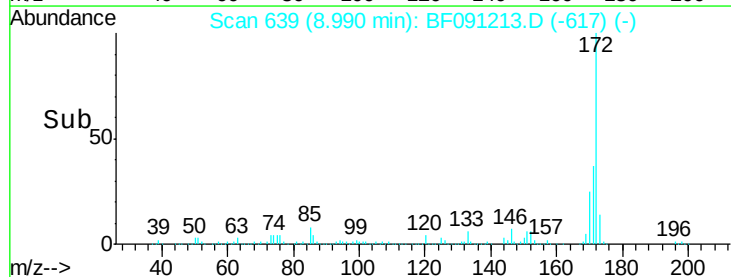
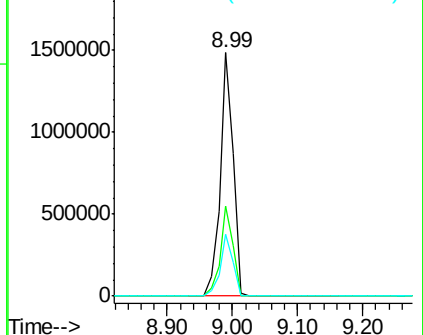


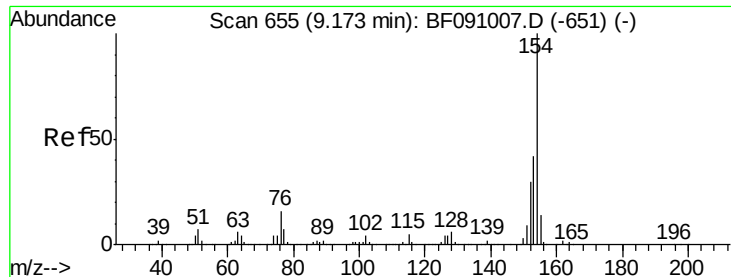
Abundance

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

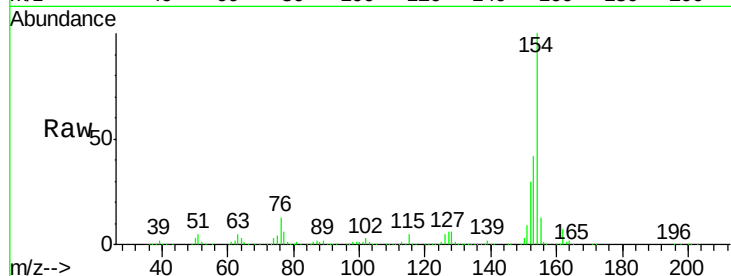




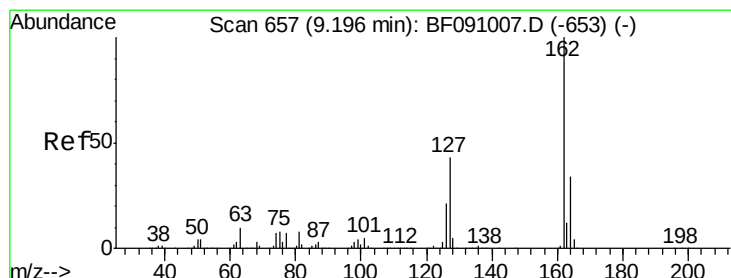
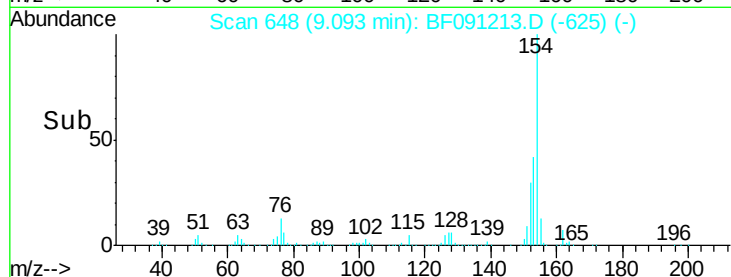
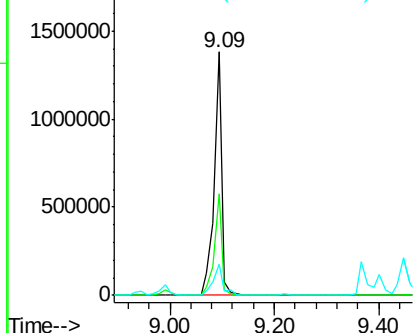
#45
 1,1'-Biphenyl
 Concen: 41.73 ng
 RT: 9.09 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

Tot Ion:154 Resp: 1394148
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.6 61.6
 76 13.0 0.0 36.2

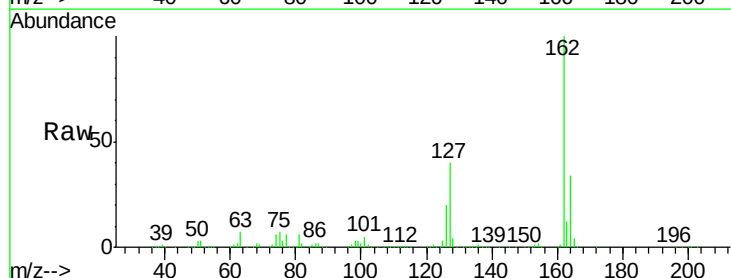


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

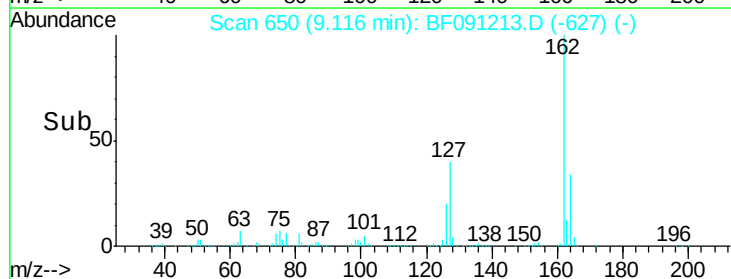
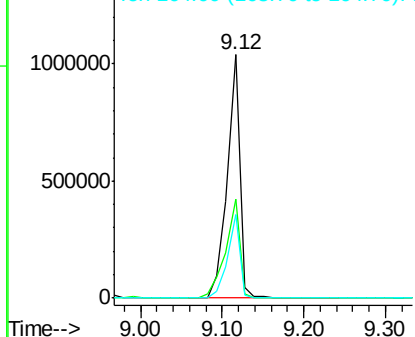


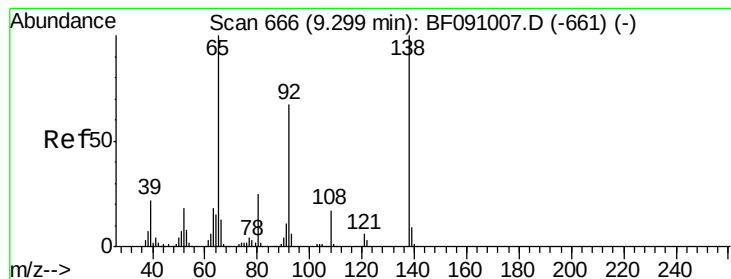
#46
 2-Chloronaphthalene
 Concen: 43.77 ng
 RT: 9.12 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion:162 Resp: 1110229
 Ion Ratio Lower Upper
 162 100
 127 40.5 34.7 52.1
 164 34.5 27.0 40.4



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





#47

2-Nitroaniline

Concen: 35.69 ng

RT: 9.22 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

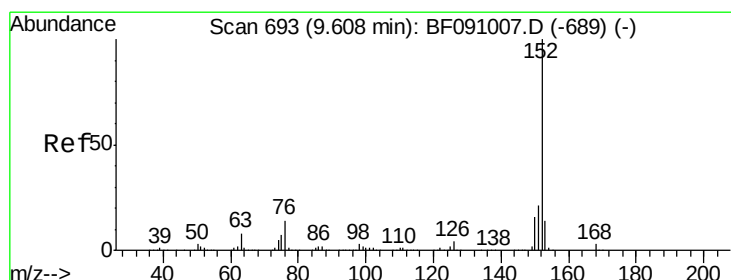
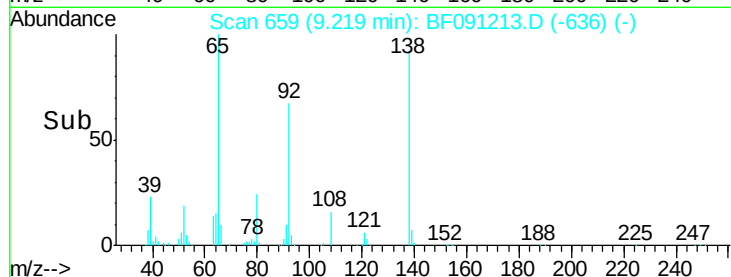
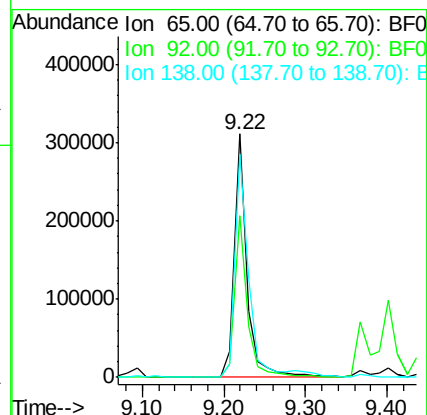
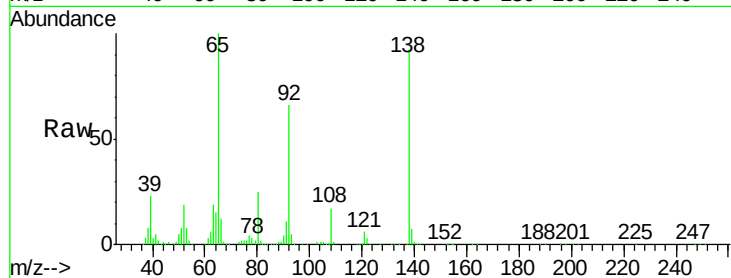
Tot Ion: 65 Resp: 335932

Ion Ratio Lower Upper

65 100

92 66.3 53.9 80.9

138 91.7 80.1 120.1



#48

Acenaphthylene

Concen: 39.96 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

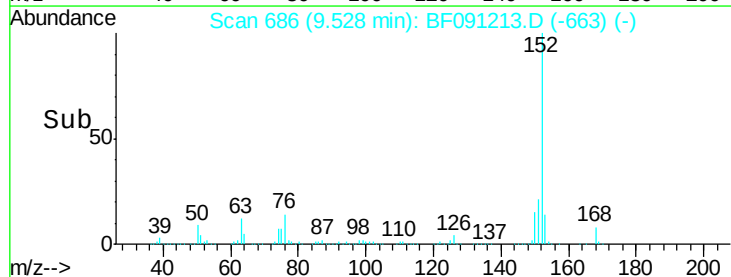
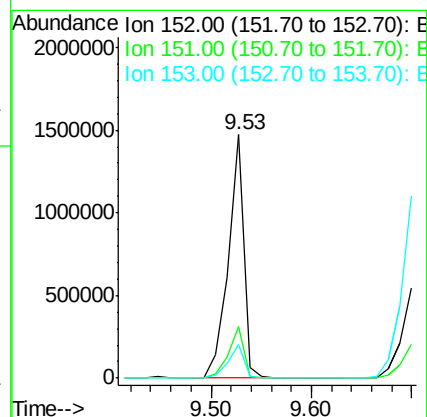
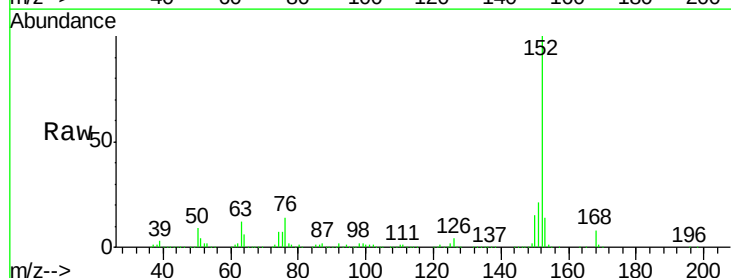
Tgt Ion: 152 Resp: 1579528

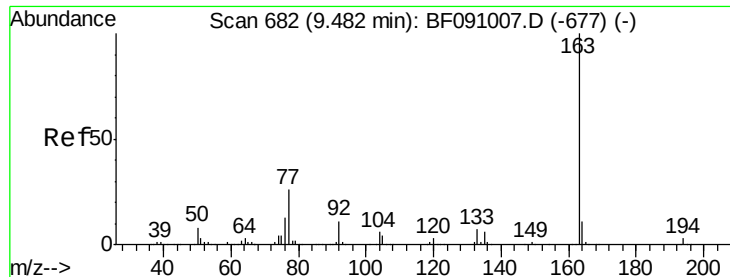
Ion Ratio Lower Upper

152 100

151 21.3 16.7 25.1

153 13.7 11.1 16.7





#49

Dimethylphthalate

Concen: 40.26 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

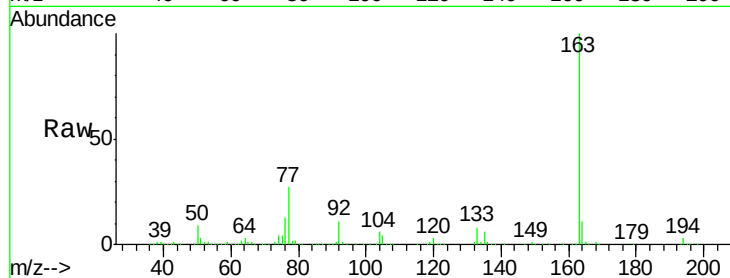
Tot Ion:163 Resp: 1207619

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

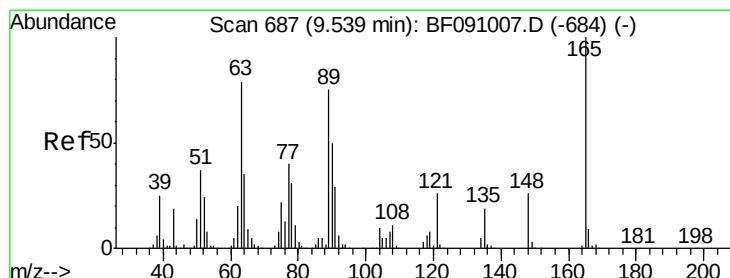
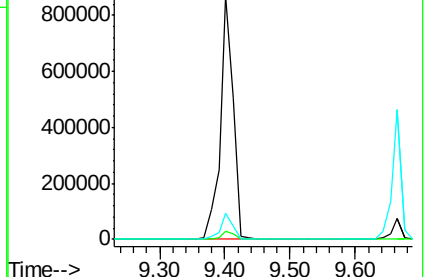
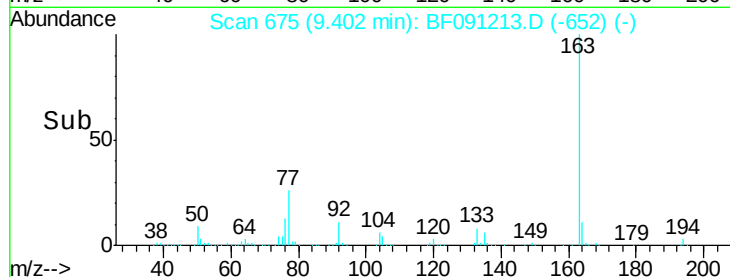
164 10.9 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.46 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

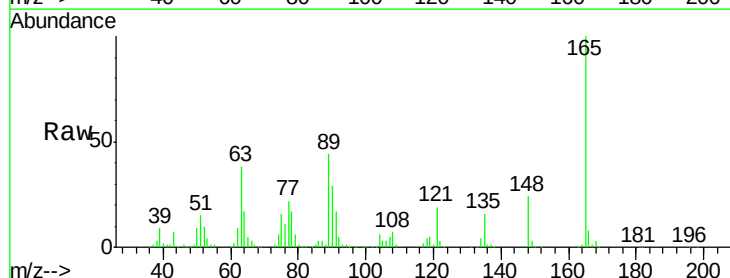
Tgt Ion:165 Resp: 298709

Ion Ratio Lower Upper

165 100

63 37.7 65.6 98.4#

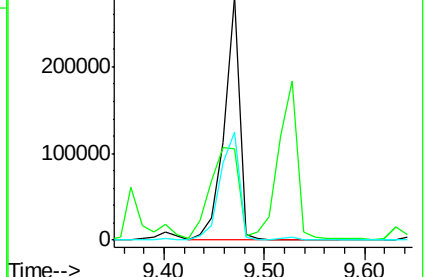
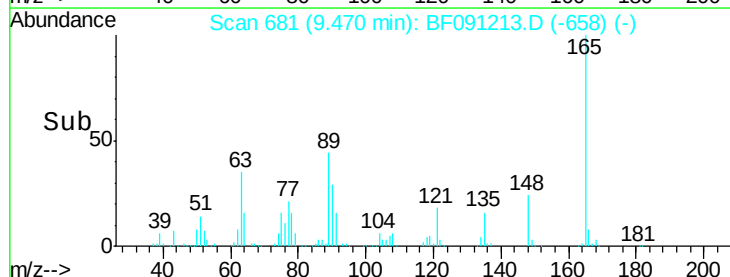
89 44.1 59.8 89.6#

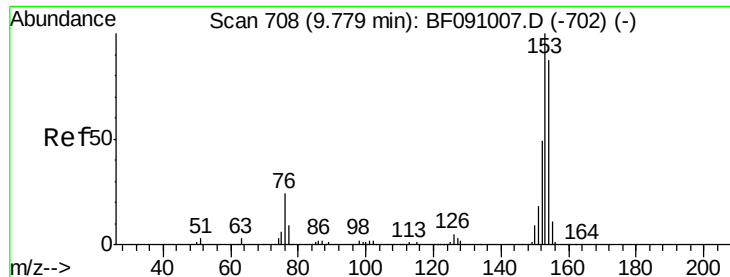


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.26 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

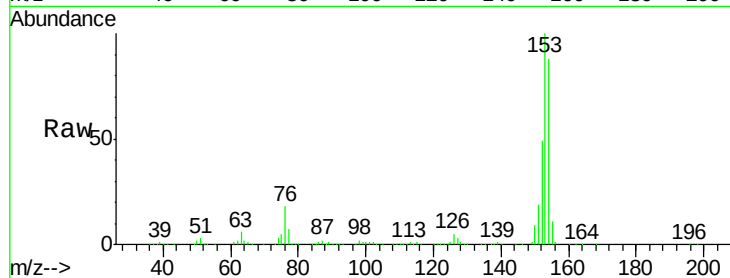
Tot Ion:154 Resp: 1023966

Ion Ratio Lower Upper

154 100

153 114.1 91.6 137.4

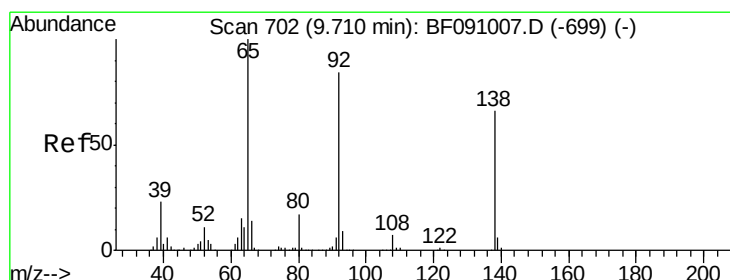
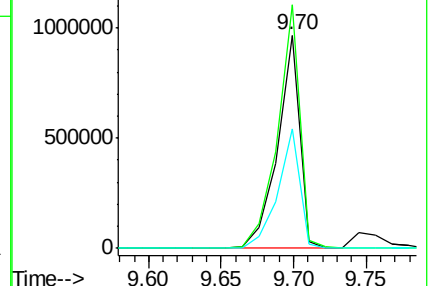
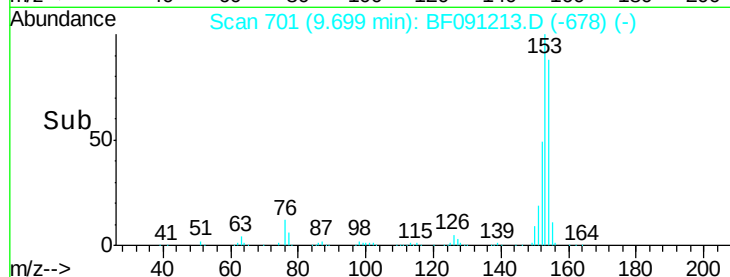
152 56.2 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.71 ng

RT: 9.63 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

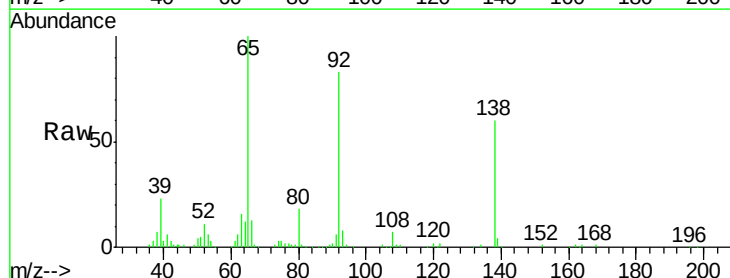
Tgt Ion:138 Resp: 96894

Ion Ratio Lower Upper

138 100

108 11.6 8.4 12.6

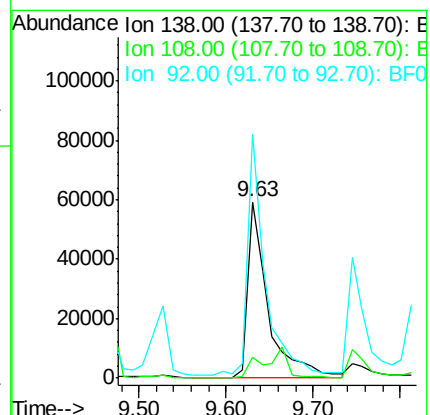
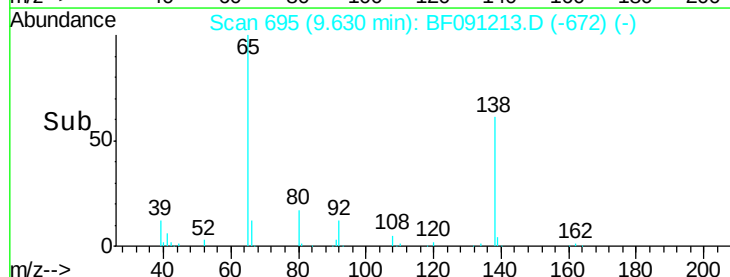
92 138.1 101.1 151.7

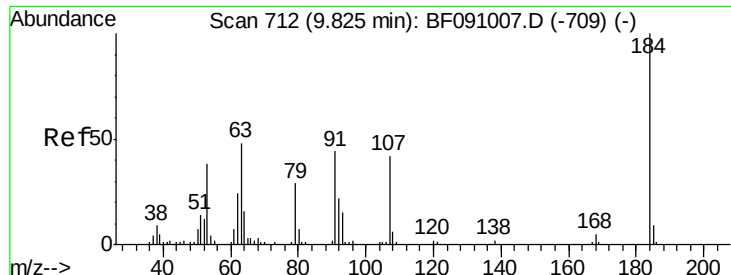


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

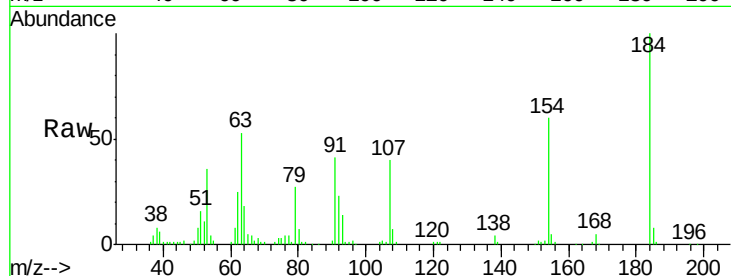




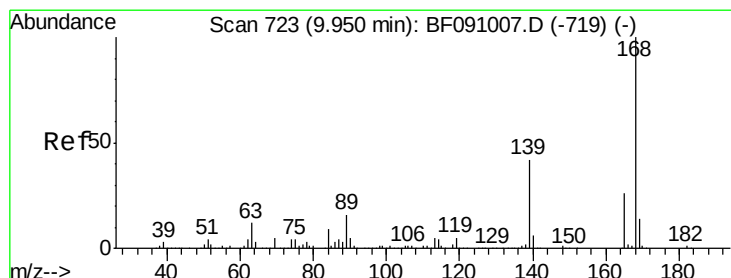
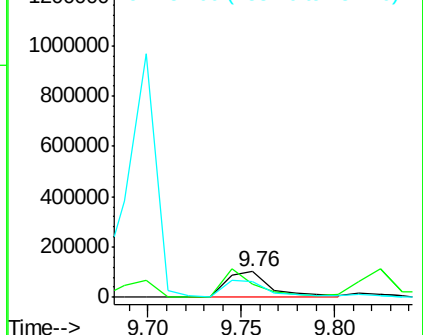
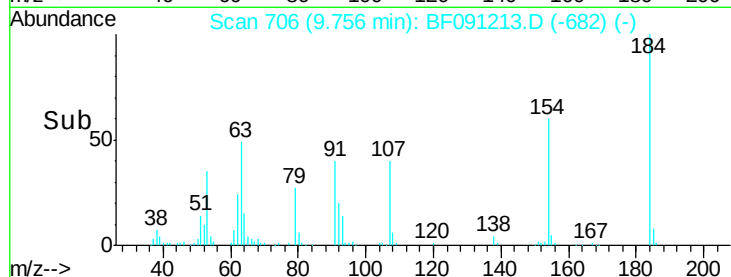
#53
 2,4-Dinitrophenol
 Concen: 51.99 ng
 RT: 9.76 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

Tot Ion:184 Resp: 173756
 Ion Ratio Lower Upper
 184 100
 63 53.3 45.5 68.3
 154 60.3 51.0 76.4

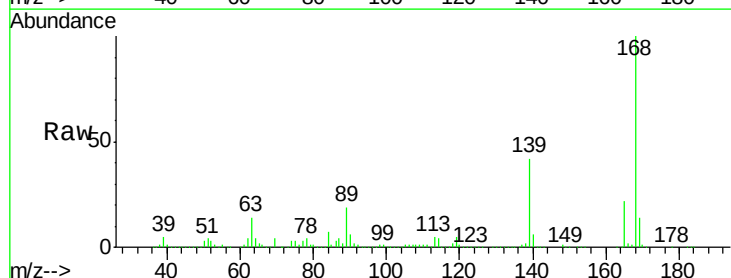


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

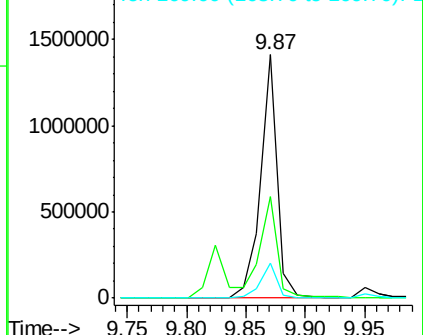
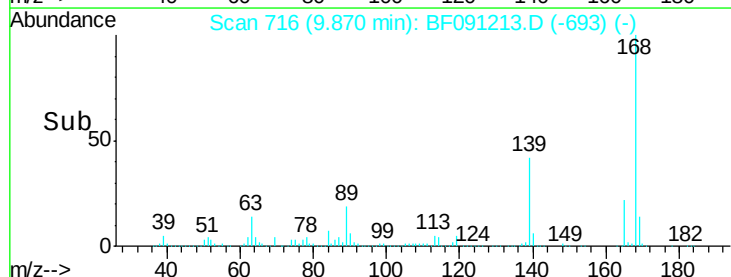


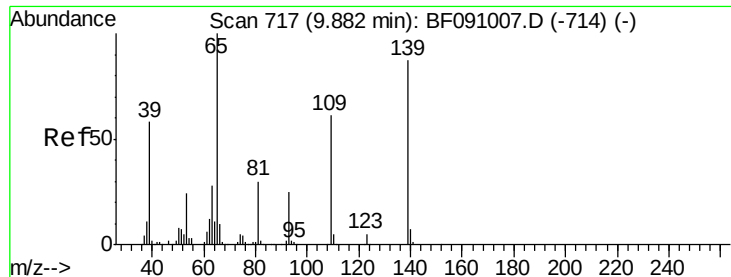
#54
 Dibenzofuran
 Concen: 41.60 ng
 RT: 9.87 min Scan# 716
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion:168 Resp: 1389424
 Ion Ratio Lower Upper
 168 100
 139 41.7 34.8 52.2
 169 14.1 11.4 17.2



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: 67.47 ng

RT: 9.82 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

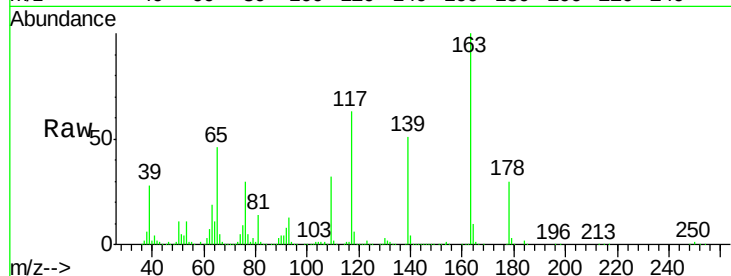
Tot Ion:139 Resp: 337671

Ion Ratio Lower Upper

139 100

109 63.1 50.5 90.5

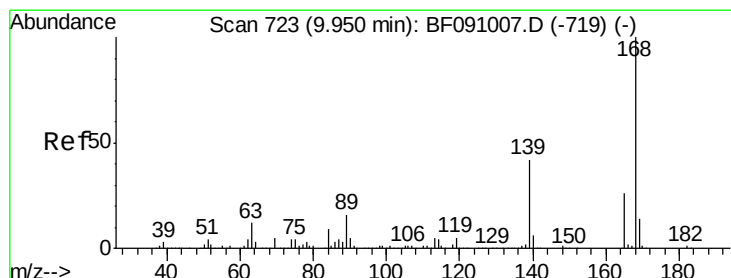
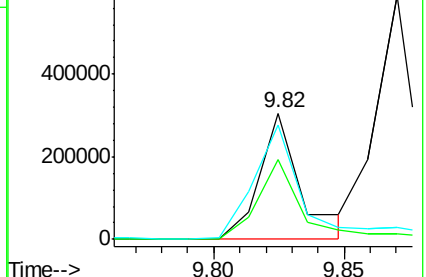
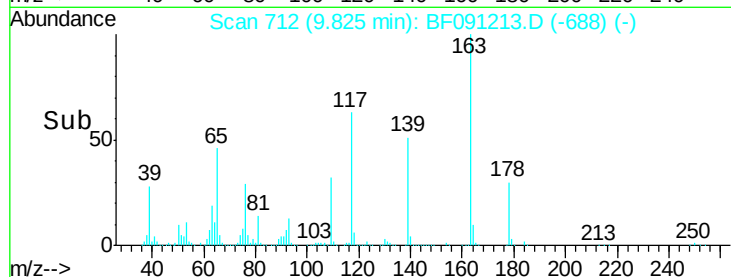
65 90.4 97.1 137.1#



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: 39.60 ng

RT: 9.87 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Tgt Ion:165 Resp: 323927

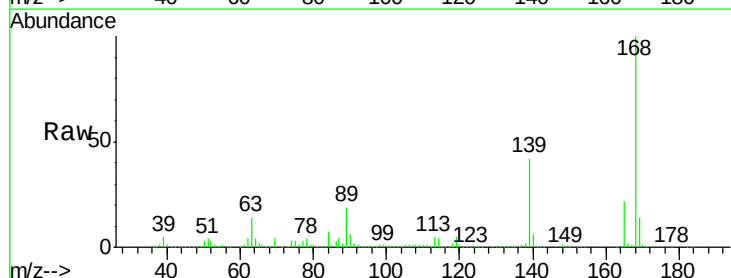
Ion Ratio Lower Upper

165 100

63 62.9 38.7 58.1#

89 86.4 50.6 76.0#

182 2.0 1.8 2.8

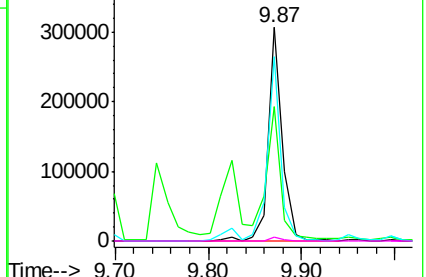
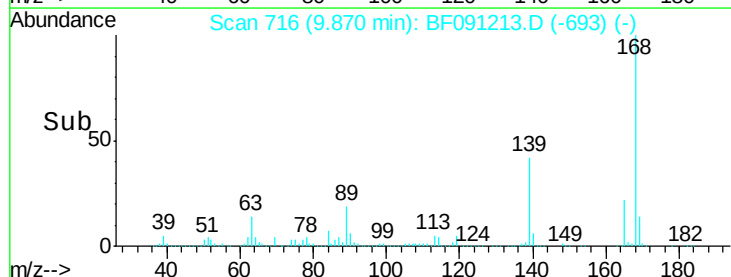


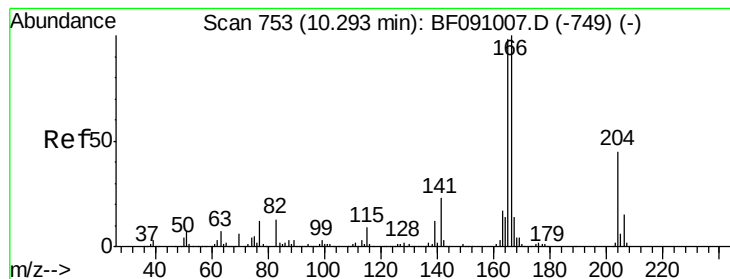
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.34 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

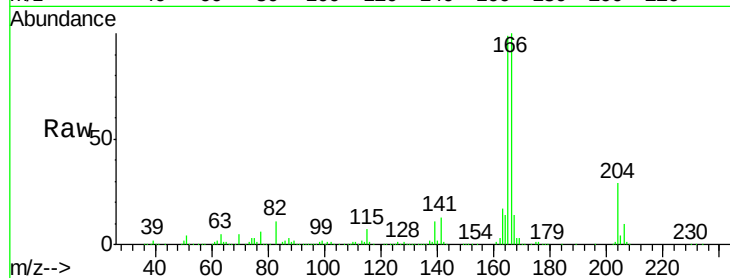
Tot Ion:166 Resp: 1128680

Ion Ratio Lower Upper

166 100

165 99.0 78.6 118.0

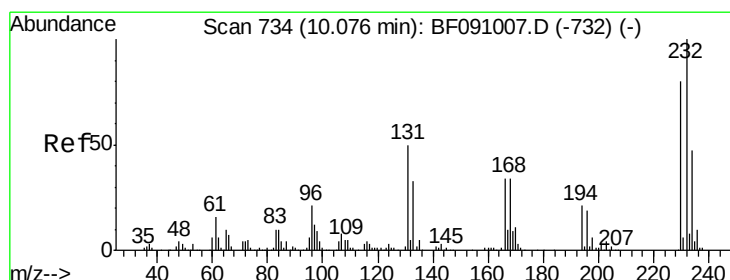
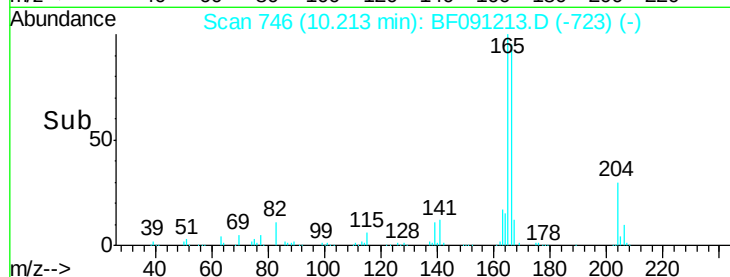
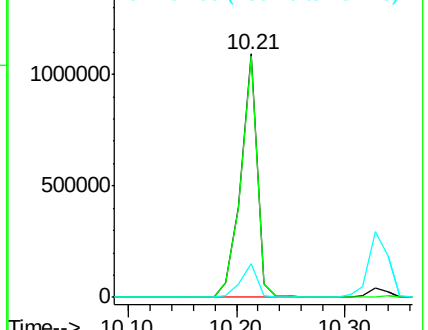
167 13.7 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.59 ng

RT: 10.00 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Tgt Ion:232 Resp: 288554

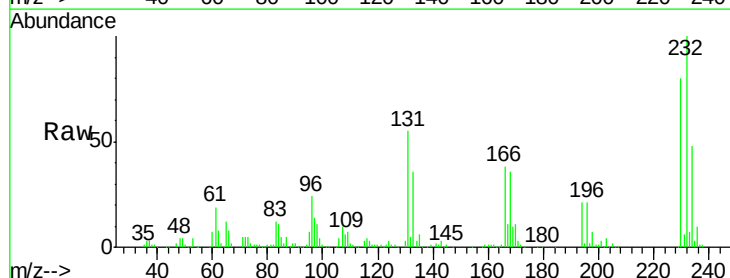
Ion Ratio Lower Upper

232 100

131 51.8 43.6 65.4

130 2.6 2.0 3.0

166 33.9 27.4 41.2

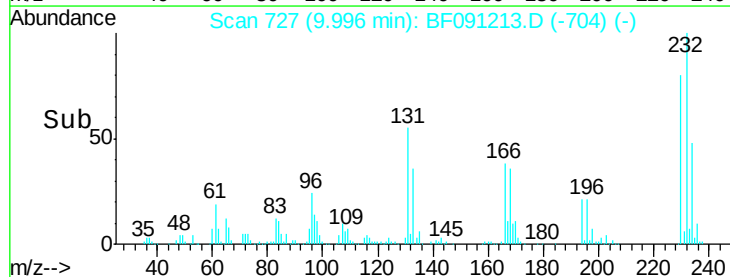
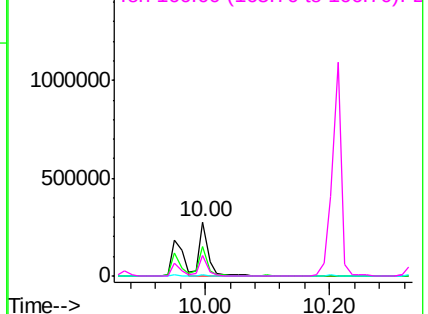


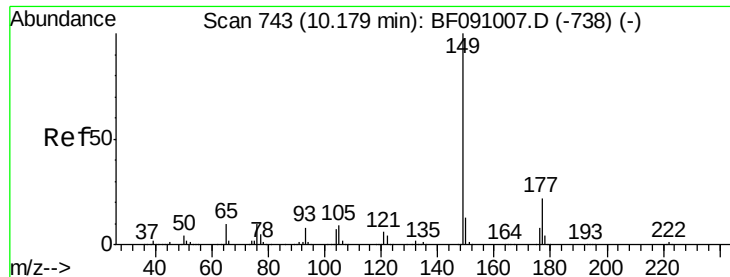
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

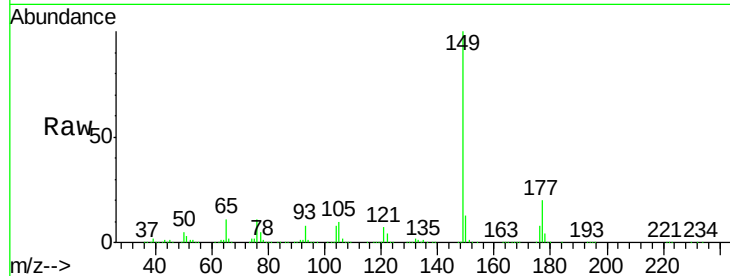




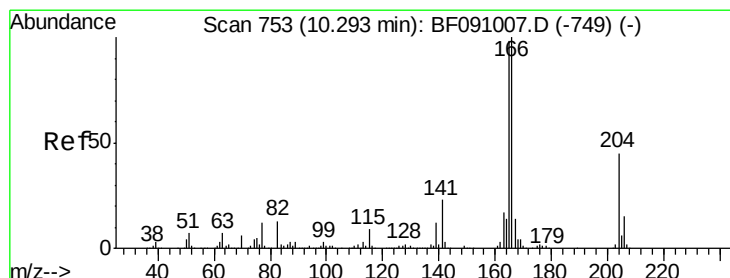
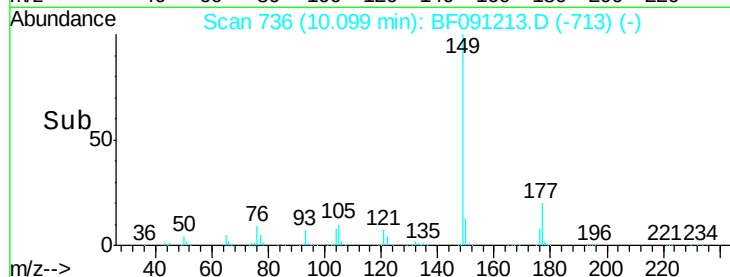
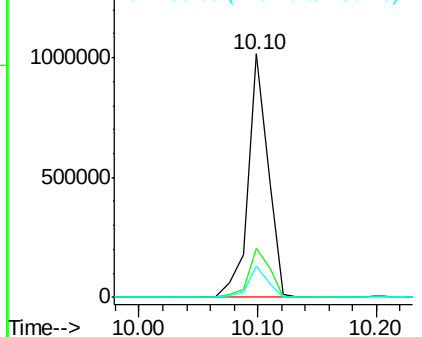
#59
Diethylphthalate
Concen: 38.85 ng
RT: 10.10 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Instrument :
BNA_F
ClientSampled :
PB94770BS

Tot Ion:149 Resp: 1194797
Ion Ratio Lower Upper
149 100
177 20.3 17.3 25.9
150 12.9 10.3 15.5

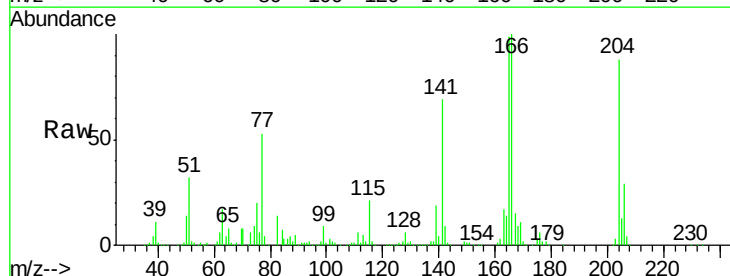


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

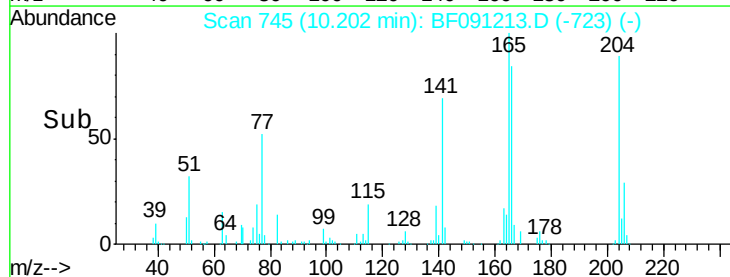
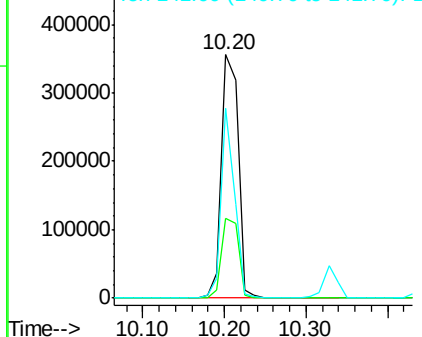


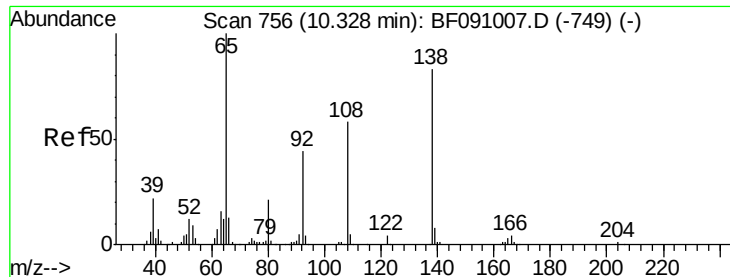
#60
4-Chlorophenyl-phenylether
Concen: 40.57 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Tgt Ion:204 Resp: 504128
Ion Ratio Lower Upper
204 100
206 33.0 27.1 40.7
141 78.0 40.1 60.1#



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





#61

4-Nitroaniline

Concen: 32.78 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

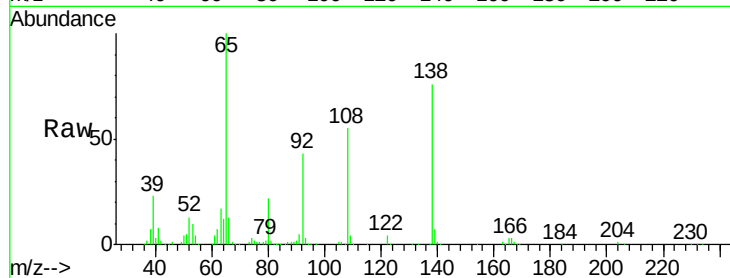
Tot Ion:138 Resp: 252817

Ion Ratio Lower Upper

138 100

92 56.0 32.5 72.5

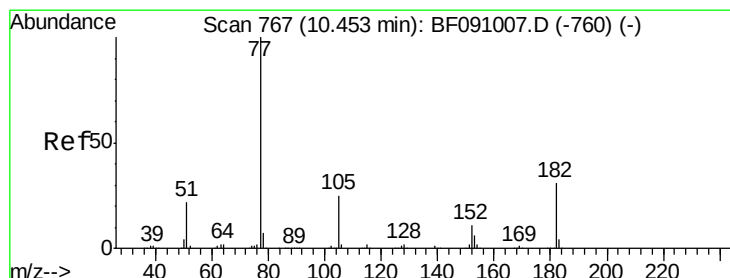
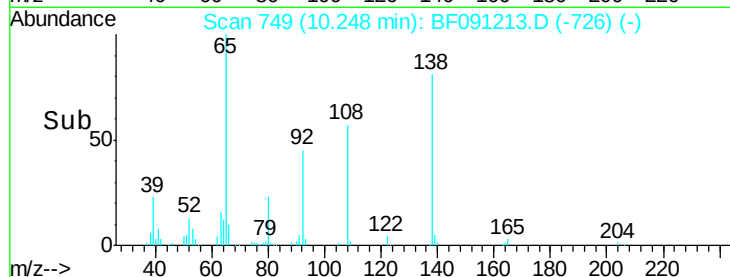
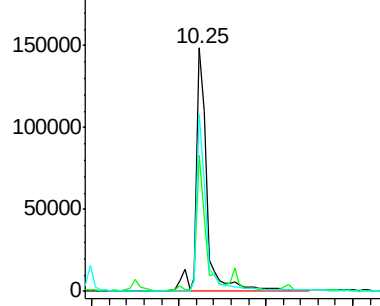
108 72.7 49.4 89.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.08 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.05 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Tgt Ion: 77 Resp: 1378618

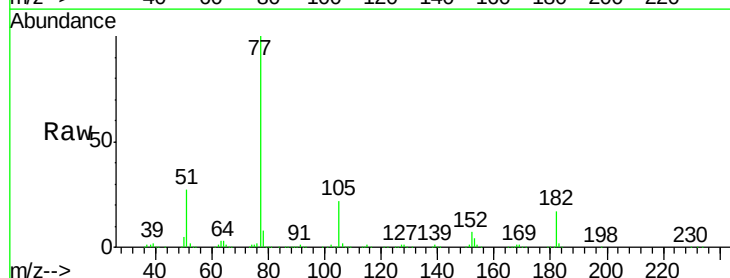
Ion Ratio Lower Upper

77 100

182 16.7 11.0 51.0

105 22.4 5.6 45.6

51 26.9 2.7 42.7

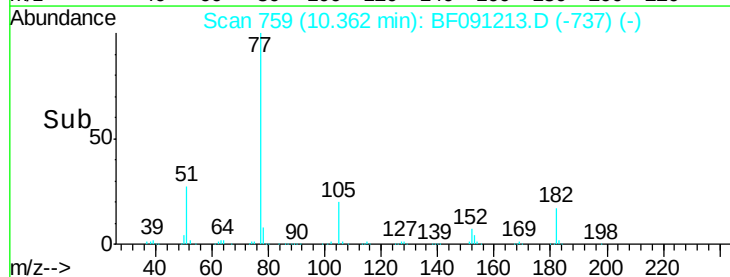
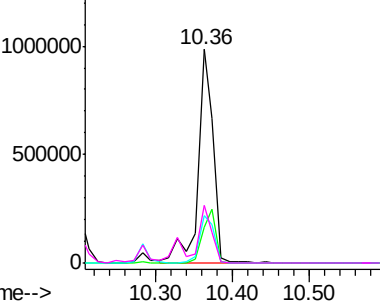


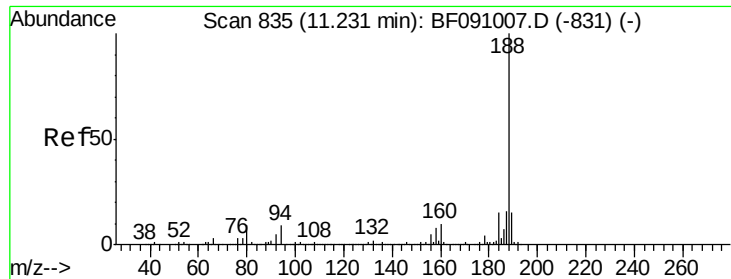
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

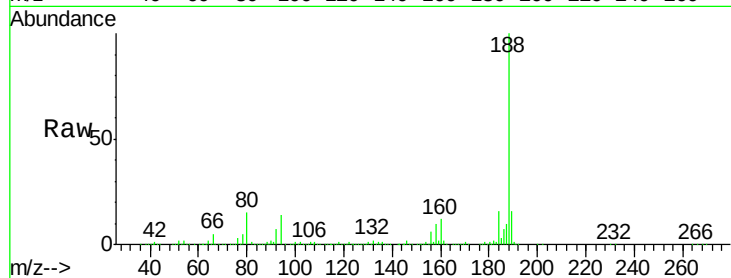




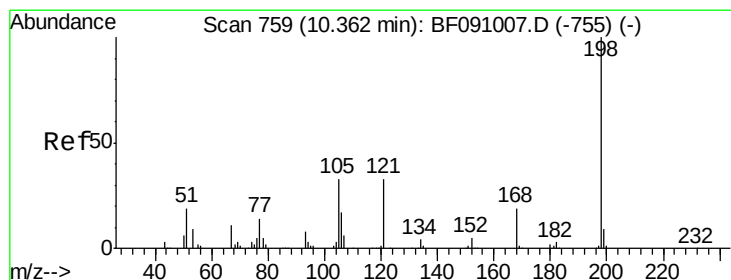
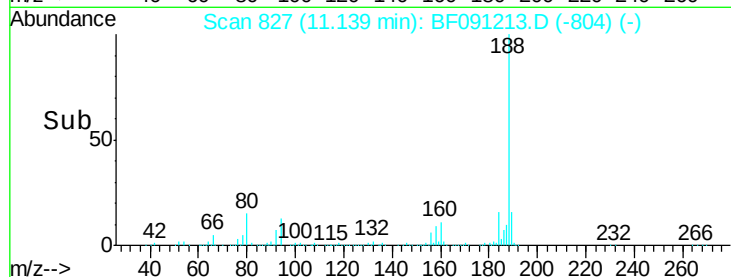
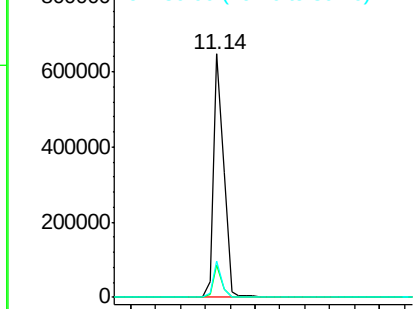
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB94770BS

Tot Ion:188 Resp: 727457
Ion Ratio Lower Upper
188 100
94 13.5 7.0 10.4#
80 14.8 7.5 11.3#

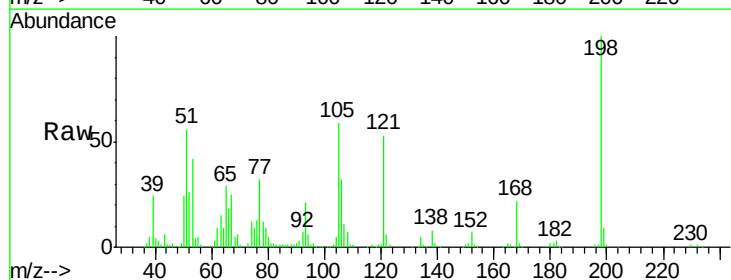


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

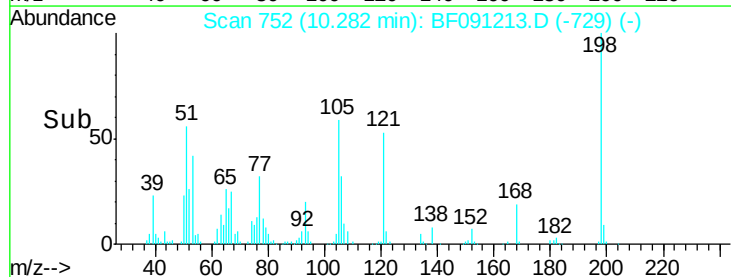
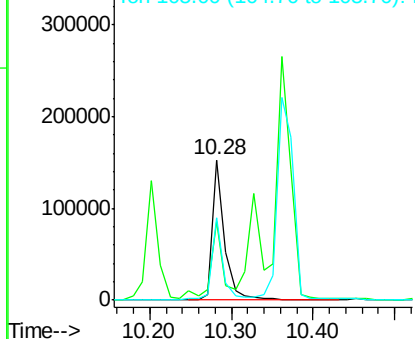


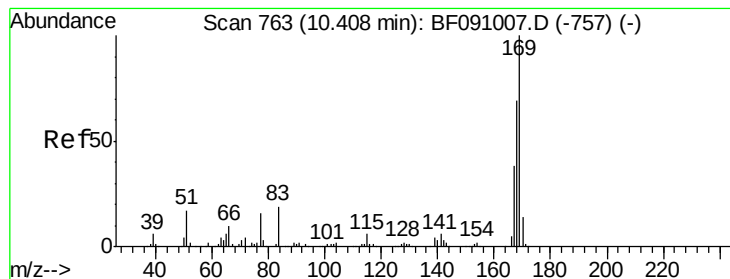
#64
4,6-Dinitro-2-methylphenol
Concen: 36.83 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Tgt Ion:198 Resp: 164070
Ion Ratio Lower Upper
198 100
51 55.8 5.9 45.9#
105 58.9 13.8 53.8#



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

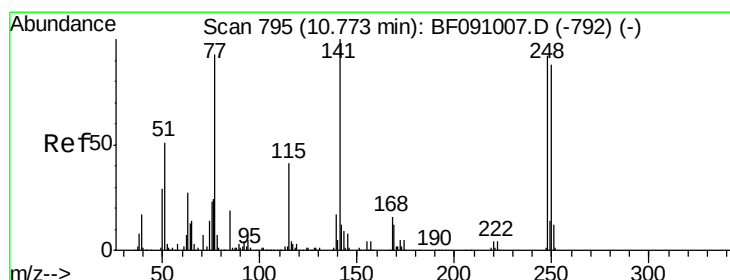
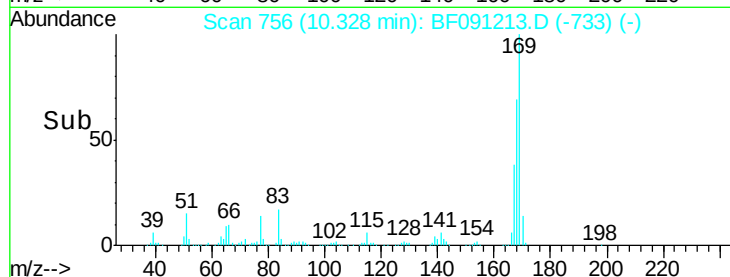
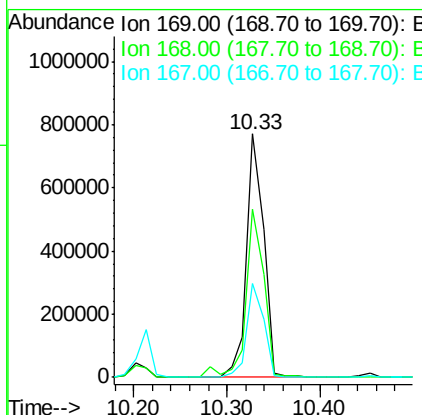
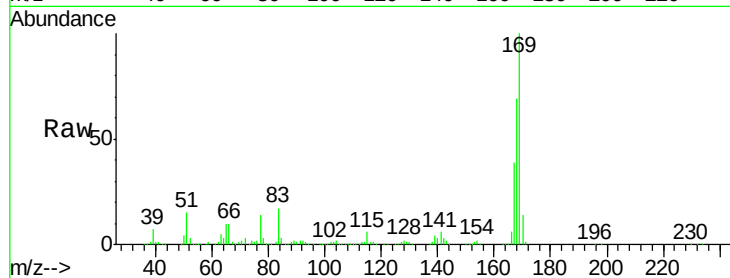




#65
 n-Nitrosodiphenylamine
 Concen: 42.57 ng
 RT: 10.33 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

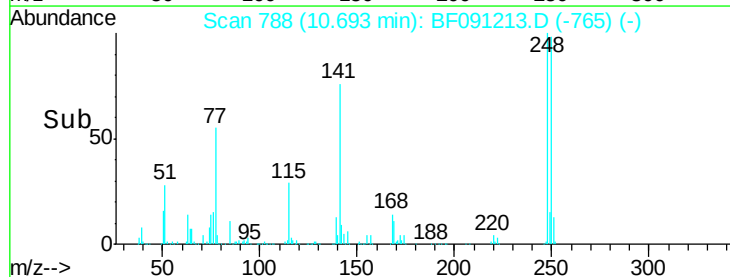
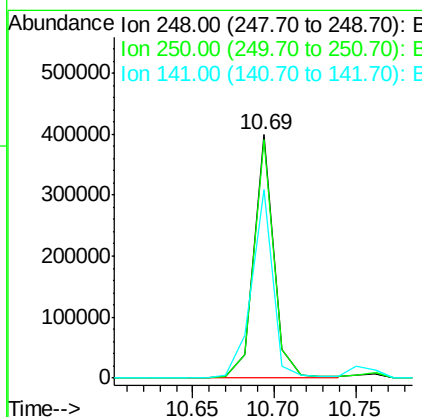
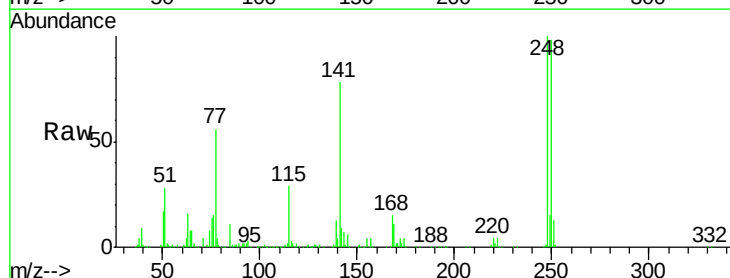
Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

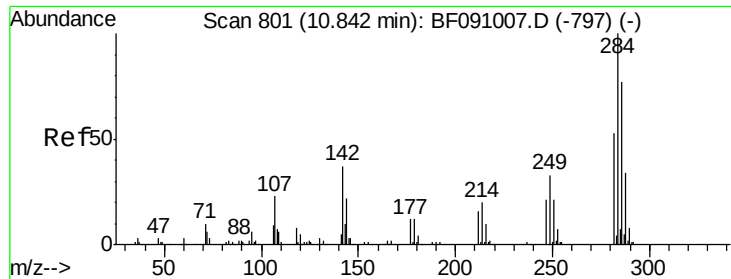
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.3	82.9
167	38.5	30.3	45.5



#66
 4-Bromophenyl-phenylether
 Concen: 44.97 ng
 RT: 10.69 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.3	114.5
141	77.7	86.8	130.2#

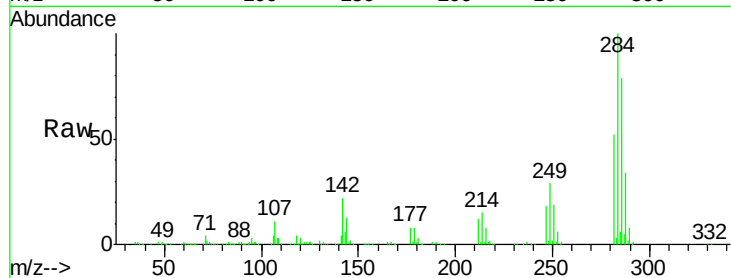




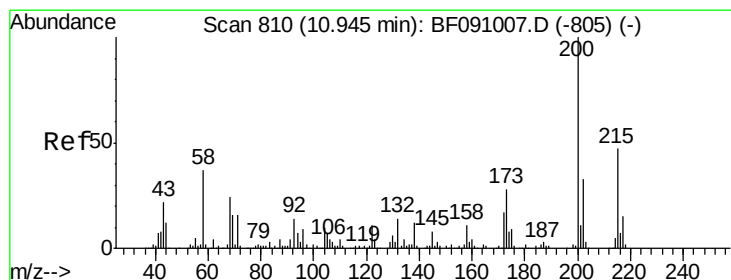
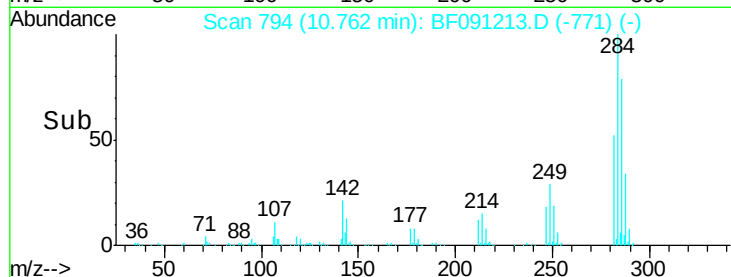
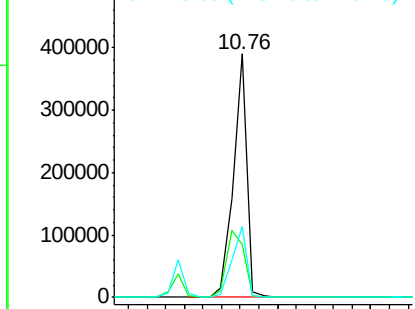
#67
Hexachlorobenzene
Concen: 47.55 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB94770BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	21.6	29.9	44.9#
249	29.0	26.6	39.8

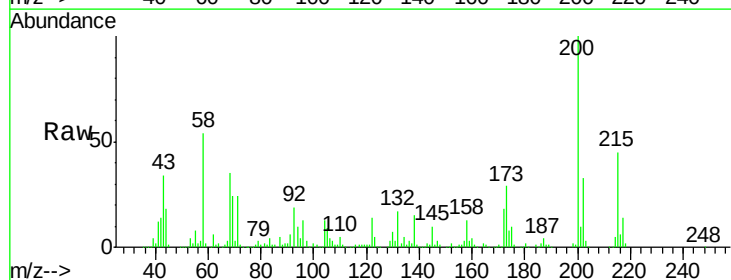


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

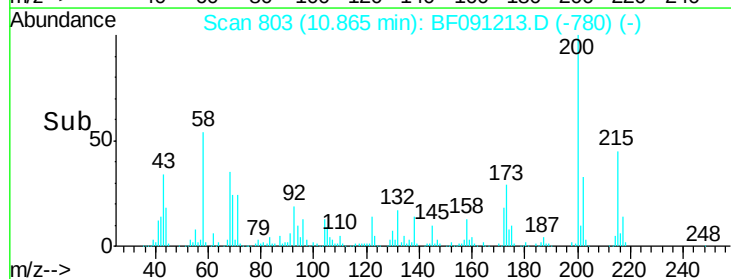
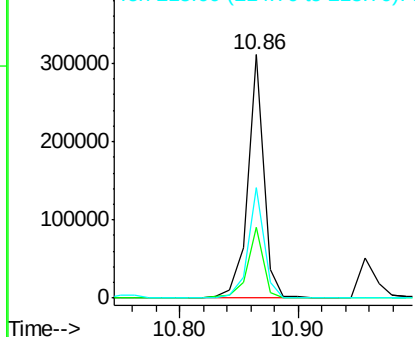


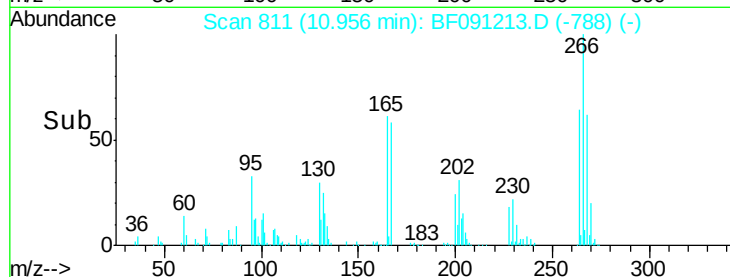
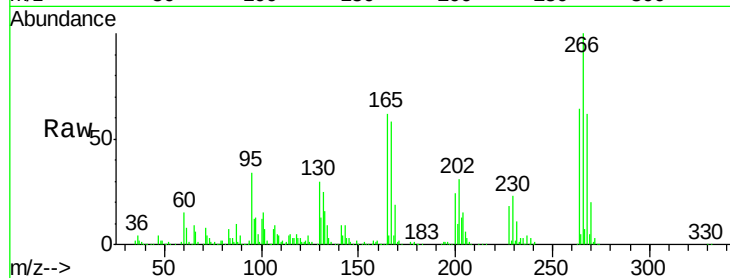
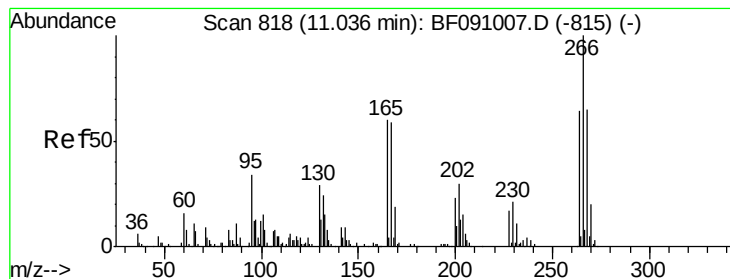
#68
Atrazine
Concen: 44.26 ng
RT: 10.86 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.2	8.1	48.1
215	45.3	27.3	67.3



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: 78.70 ng

RT: 10.96 min Scan# 811

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

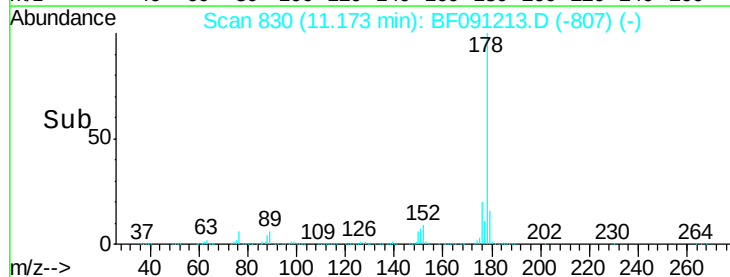
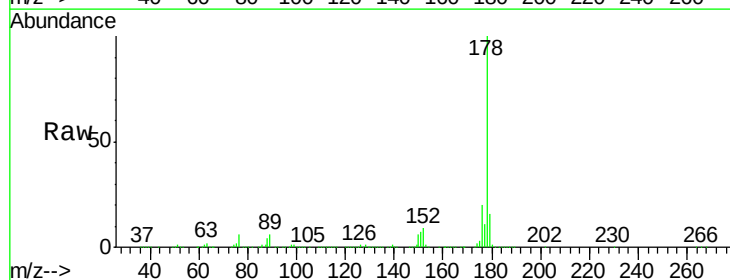
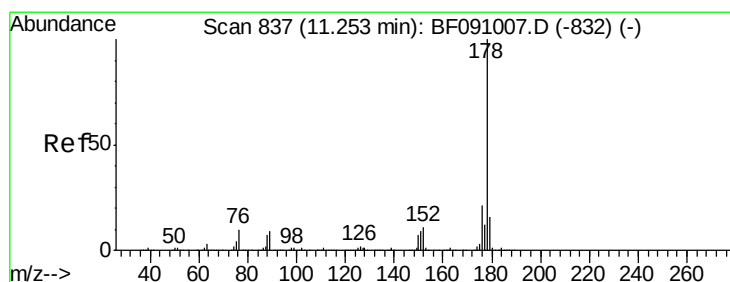
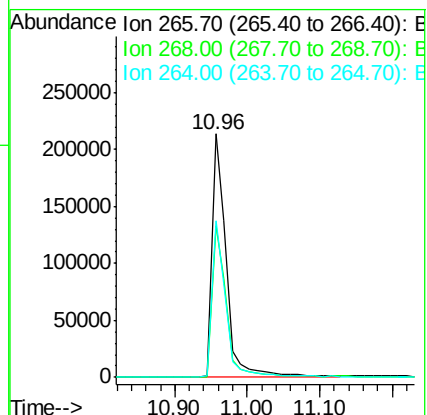
Tot Ion:266 Resp: 290890

Ion Ratio Lower Upper

266 100

268 62.1 52.1 78.1

264 64.3 51.1 76.7



#70

Phenanthrene

Concen: 42.77 ng

RT: 11.17 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

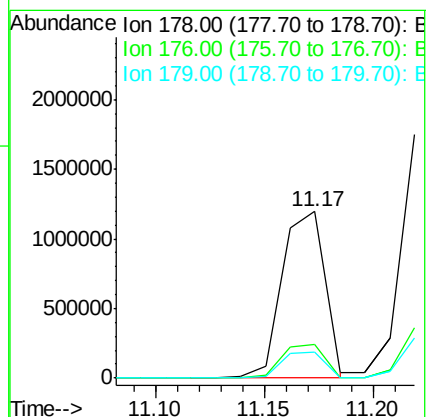
Tgt Ion:178 Resp: 1654154

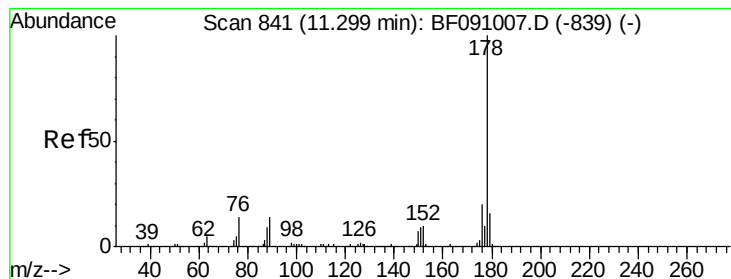
Ion Ratio Lower Upper

178 100

176 20.4 16.6 25.0

179 15.6 12.9 19.3





#71

Anthracene

Concen: 39.23 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

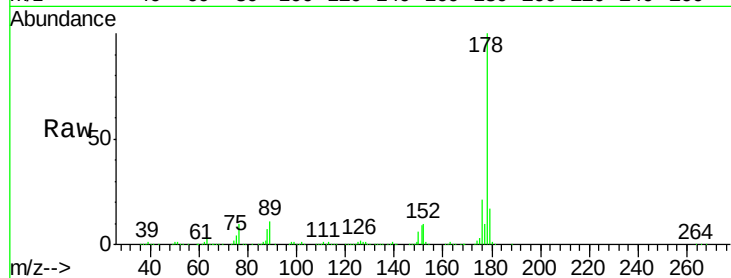
Tot Ion:178 Resp: 1612707

Ion Ratio Lower Upper

178 100

176 20.9 16.0 24.0

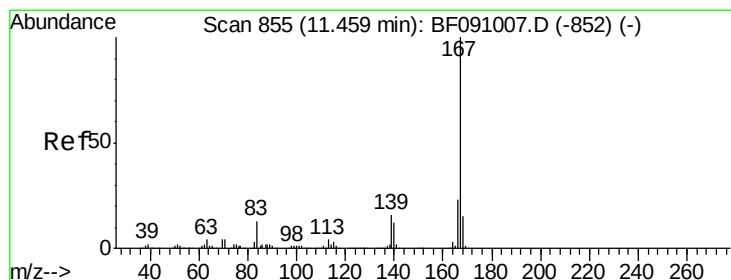
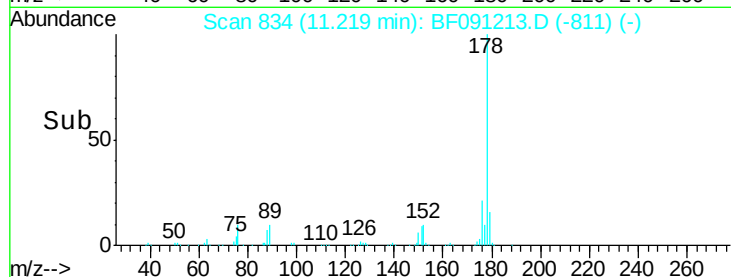
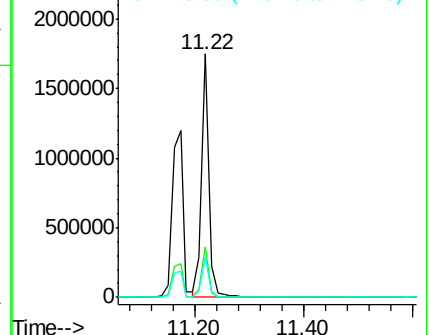
179 16.5 13.0 19.6



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: 37.50 ng

RT: 11.38 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

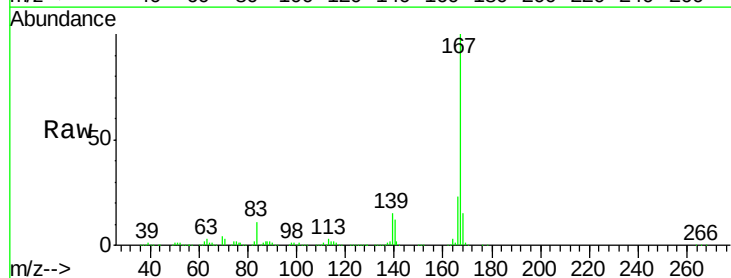
Tgt Ion:167 Resp: 1389362

Ion Ratio Lower Upper

167 100

166 23.1 18.0 27.0

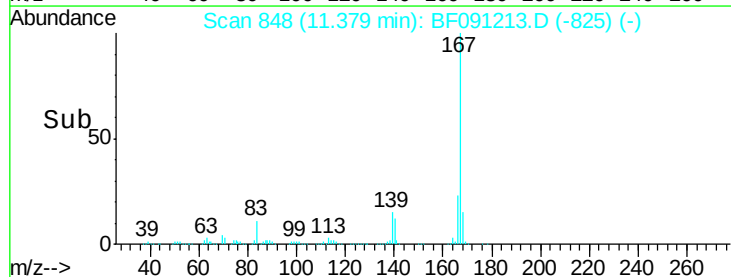
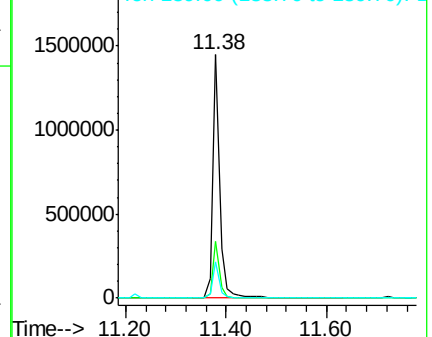
139 15.1 12.6 18.8

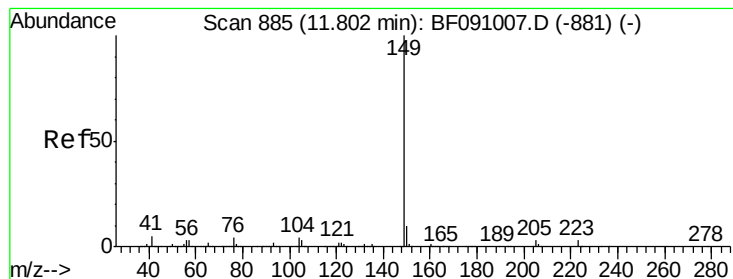


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.22 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

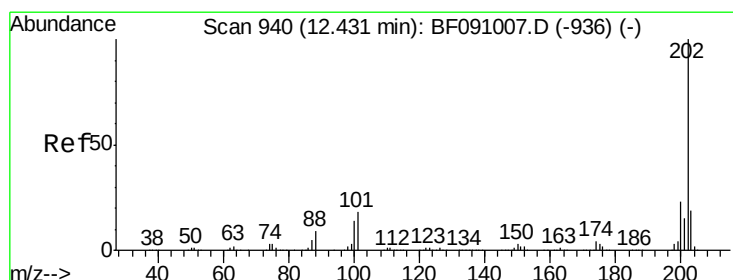
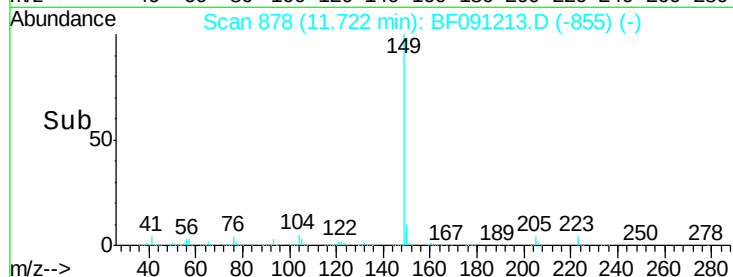
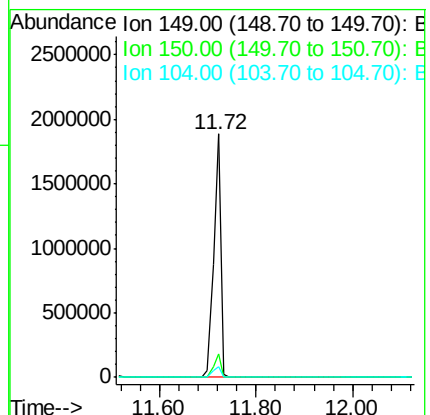
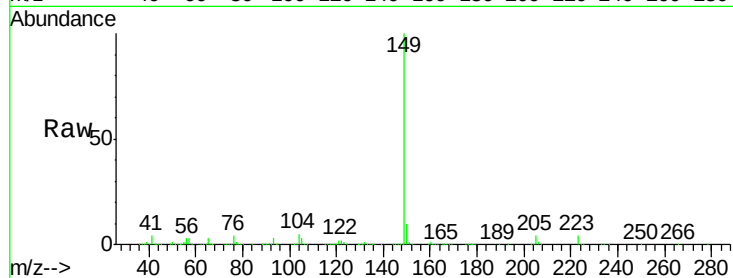
Tot Ion:149 Resp: 1967483

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

104 4.6 3.6 5.4



#74

Fluoranthene

Concen: 38.38 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

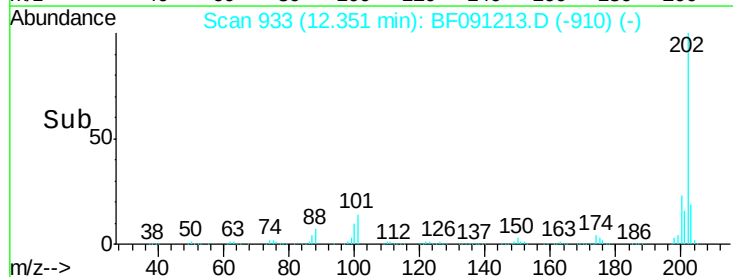
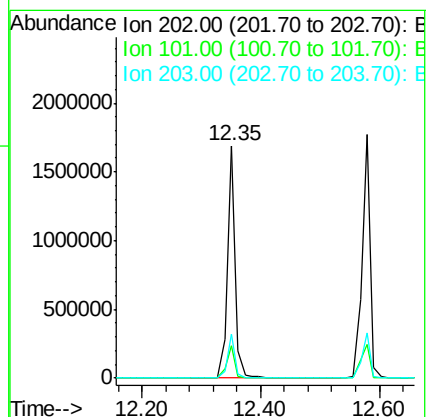
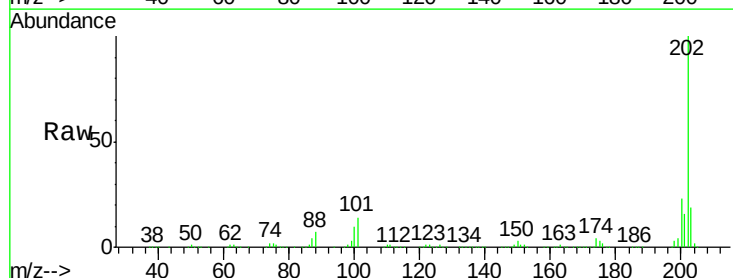
Tgt Ion:202 Resp: 1539283

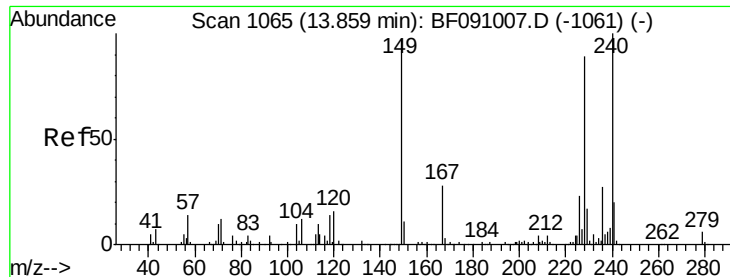
Ion Ratio Lower Upper

202 100

101 13.8 0.0 37.6

203 18.9 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

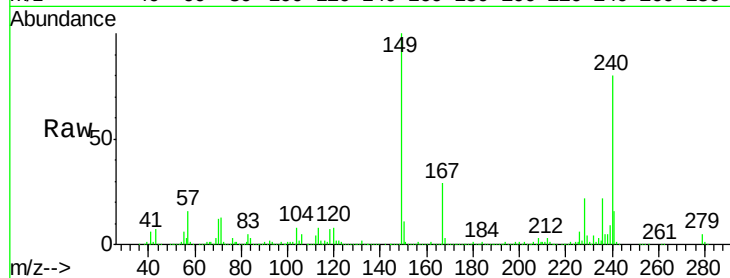
Tot Ion:240 Resp: 572260

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

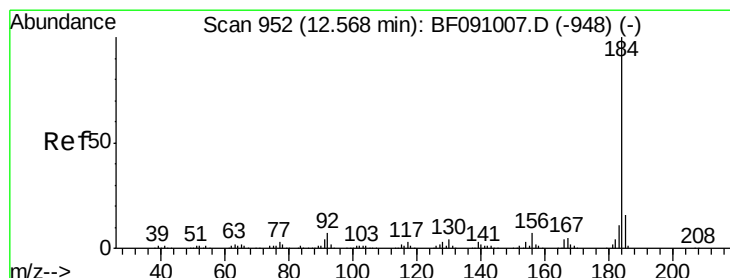
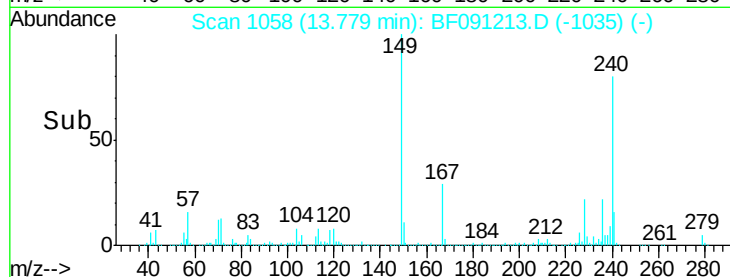
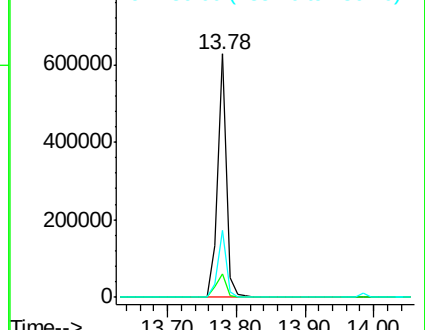
236 27.5 21.9 32.9



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: 23.54 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

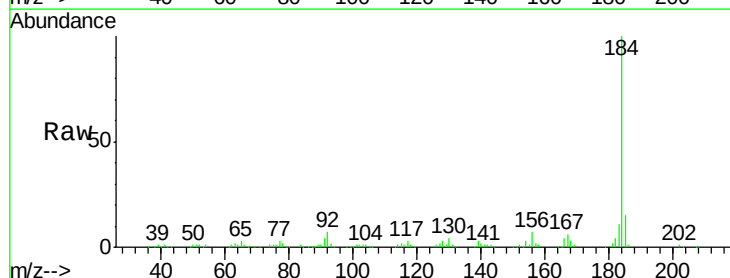
Tgt Ion:184 Resp: 300937

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.4

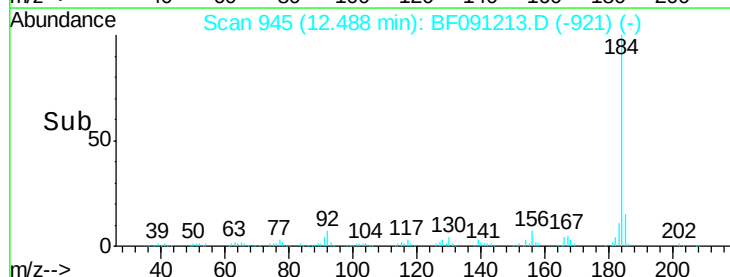
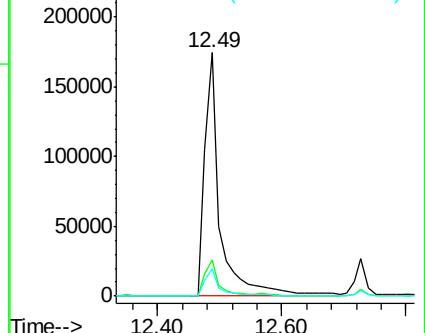
183 11.1 8.7 13.1

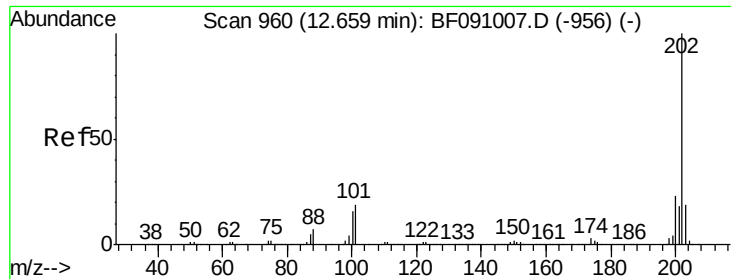


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

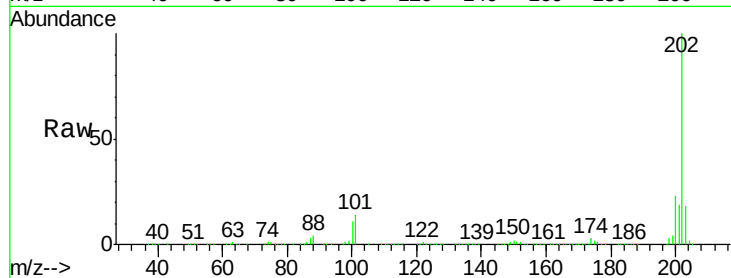




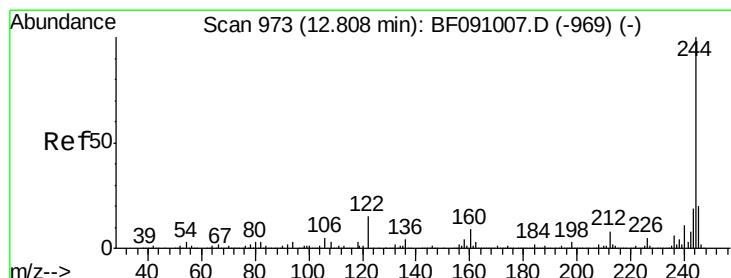
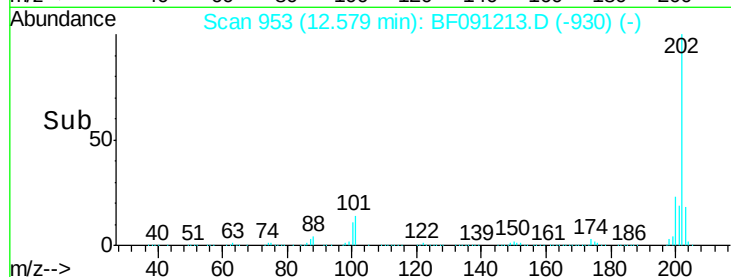
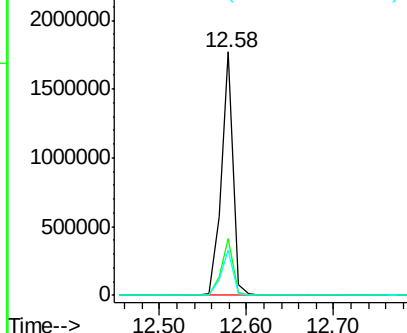
#77
Pvrene
Concen: 45.23 ng
RT: 12.58 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB94770BS

Tot Ion:202 Resp: 1695037
Ion Ratio Lower Upper
202 100
200 23.5 18.4 27.6
203 18.5 15.0 22.6

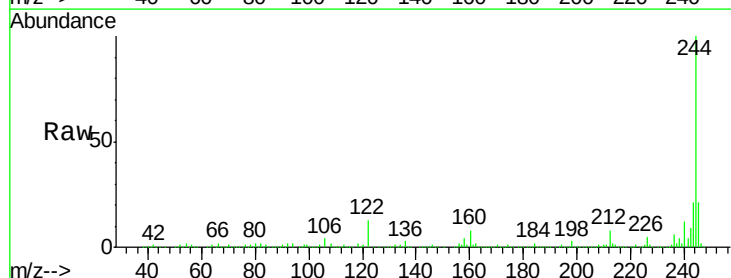


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

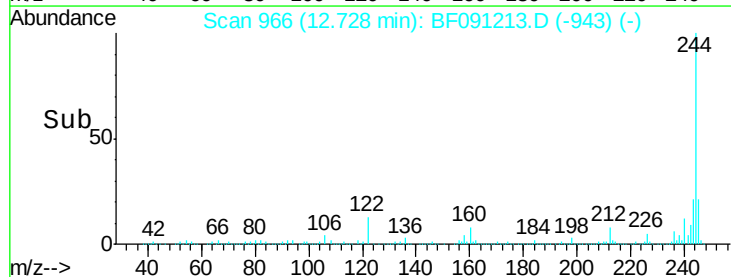
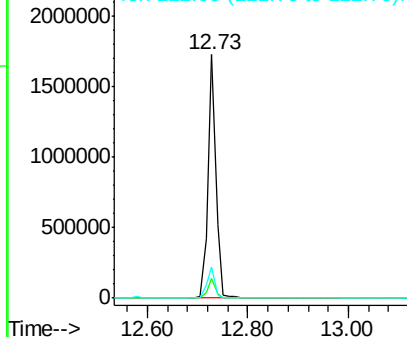


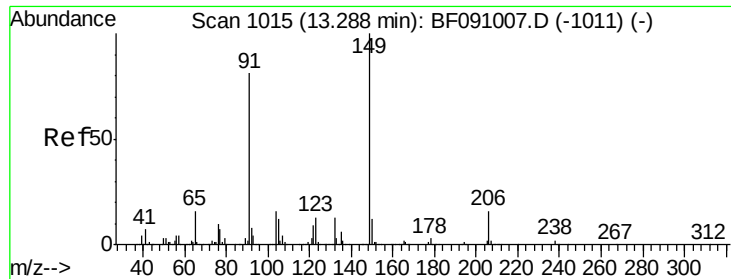
#78
Terphenyl-d14
Concen: 81.92 ng
RT: 12.73 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Tgt Ion:244 Resp: 1878554
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 12.5 12.3 18.5



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

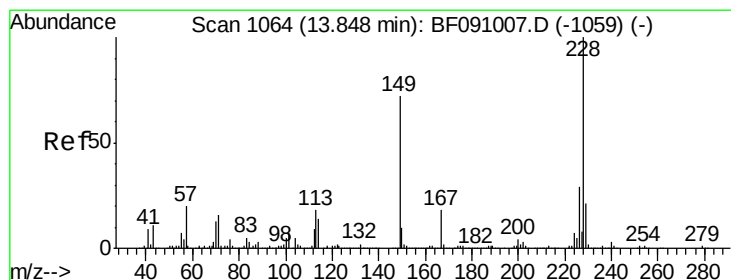
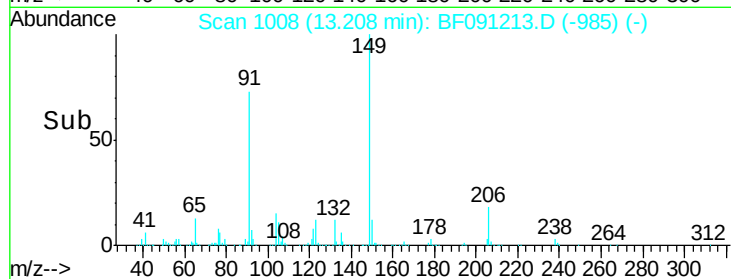
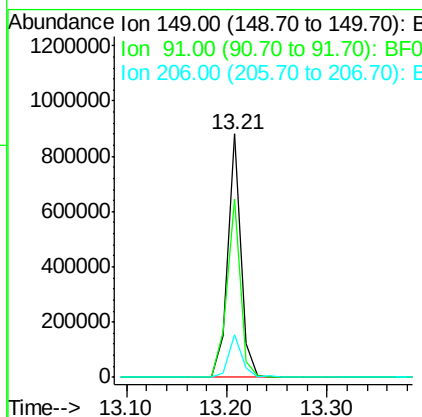
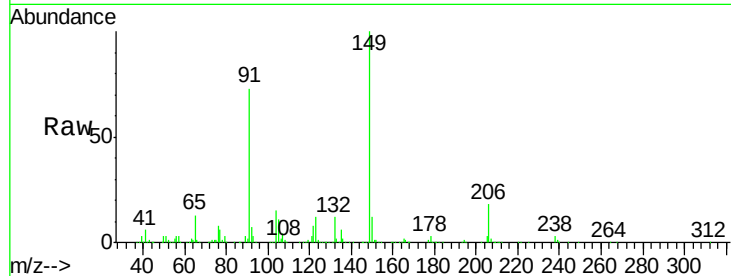




#79
 Butylbenzylphthalate
 Concen: 44.86 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

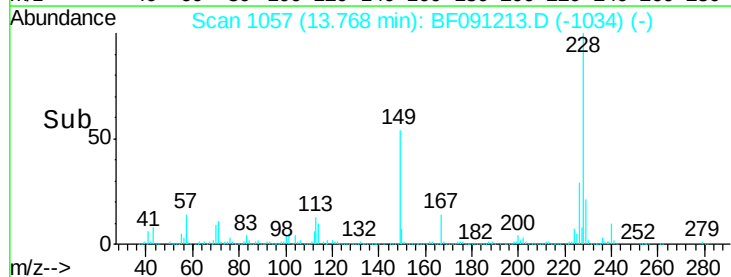
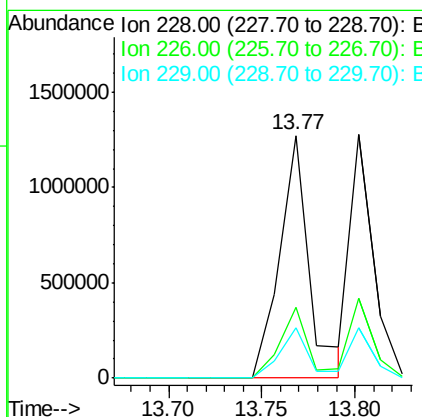
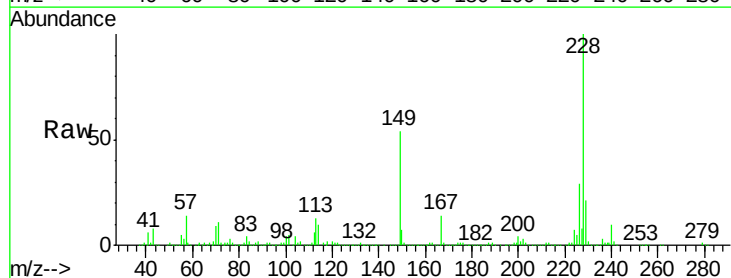
Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

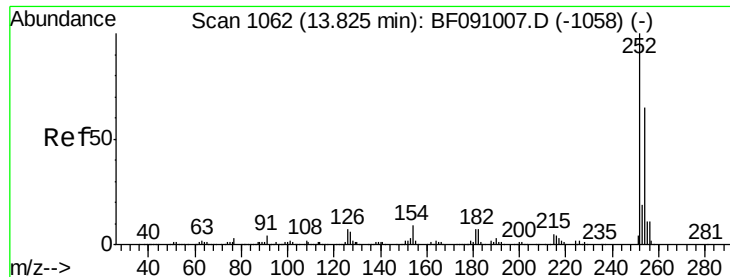
Tot Ion:	149	Resp:	804271
Ion	Ratio	Lower	Upper
149	100		
91	73.3	65.0	97.4
206	17.8	12.5	18.7



#80
 Benzo(a)anthracene
 Concen: 43.28 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion:	228	Resp:	1406159
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	20.9	16.6	24.8

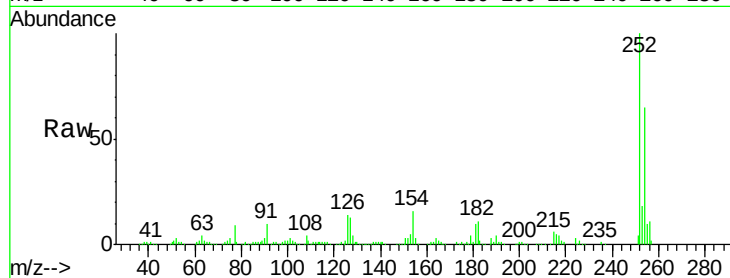




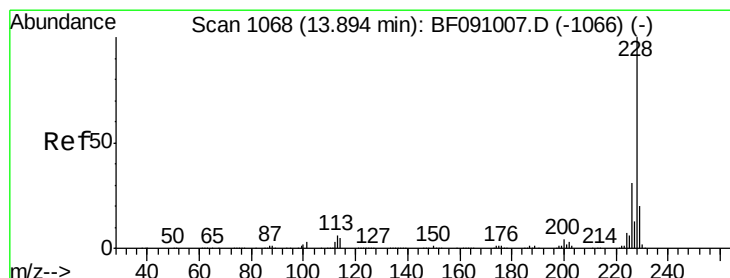
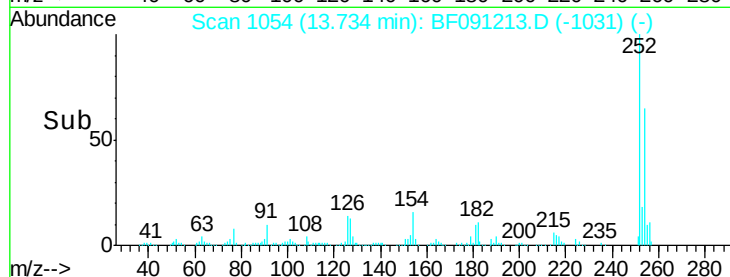
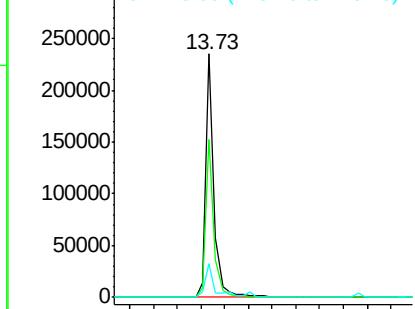
#81
 3,3'-Dichlorobenzidine
 Concen: 20.18 ng
 RT: 13.73 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

Tot Ion:252 Resp: 230378
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.0 78.0
 126 13.7 5.4 8.2#

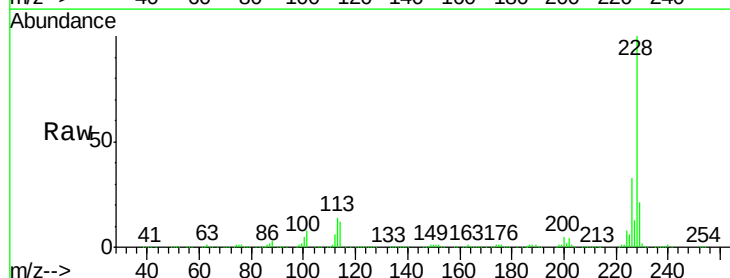


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

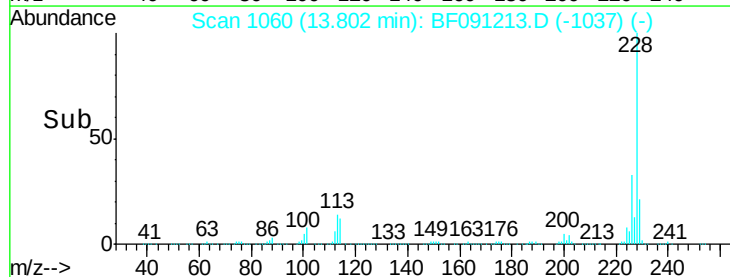
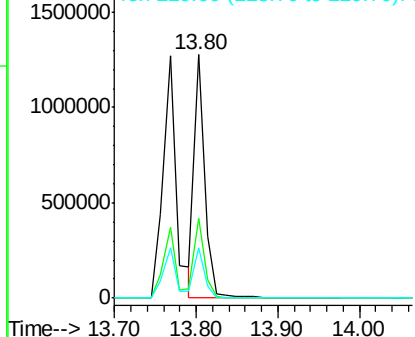


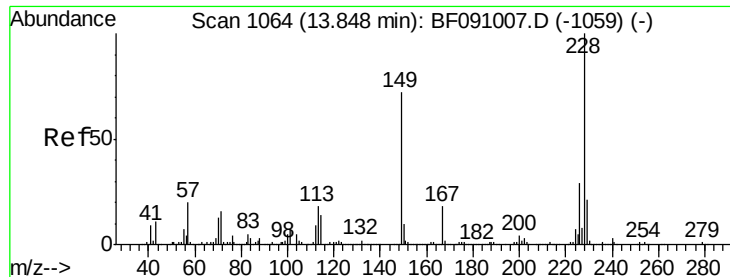
#82
 Chrysene
 Concen: 35.75 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Tgt Ion:228 Resp: 1145220
 Ion Ratio Lower Upper
 228 100
 226 32.8 24.9 37.3
 229 20.9 15.9 23.9



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.41 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

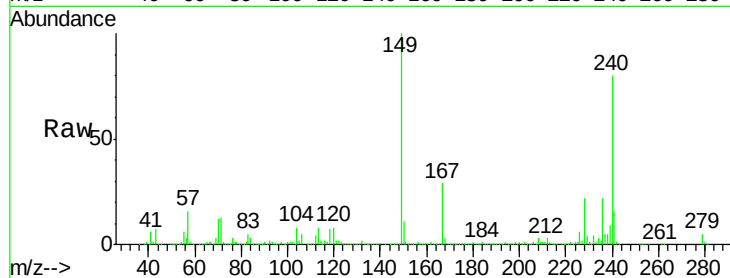
Tot Ion:149 Resp: 1053155

Ion Ratio Lower Upper

149 100

167 28.6 20.4 30.6

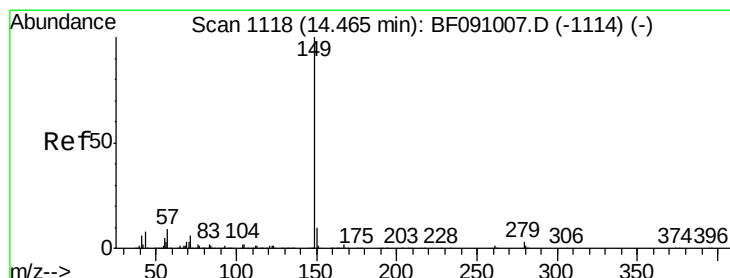
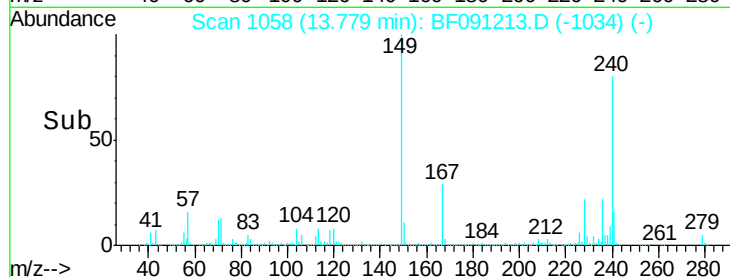
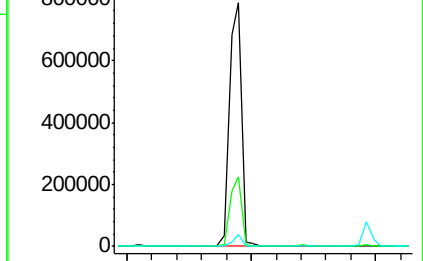
279 5.0 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.87 ng

RT: 14.39 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

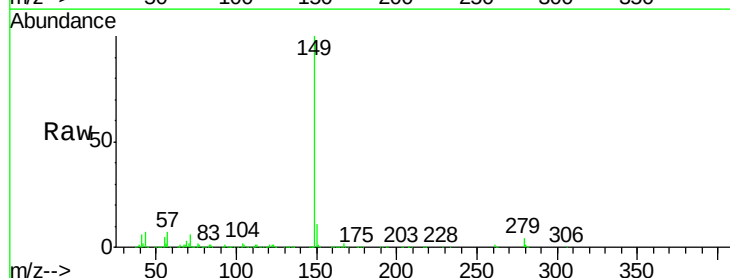
Tgt Ion:149 Resp: 1789672

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

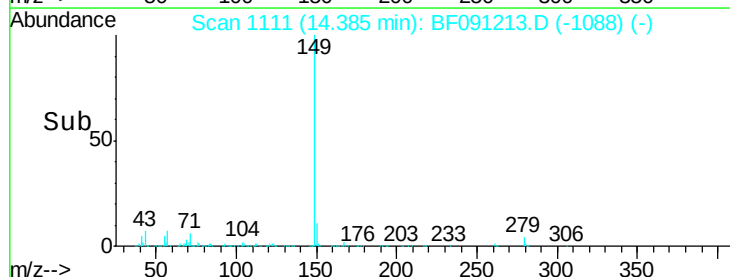
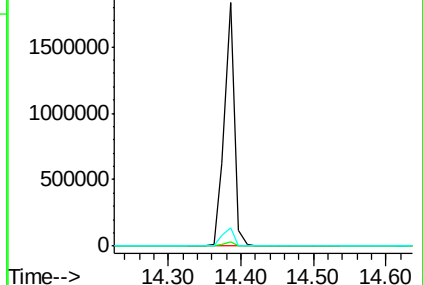
43 8.7 8.2 12.4

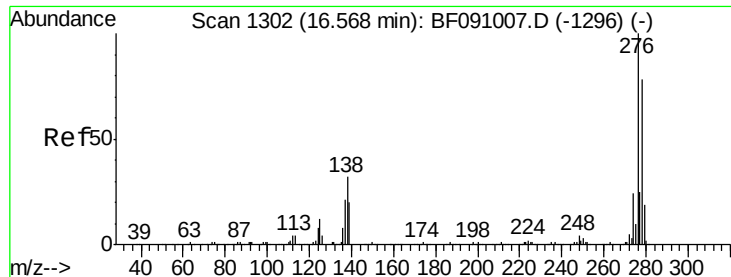


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.78 ng

RT: 16.42 min Scan# 1289

Delta R.T. -0.06 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB94770BS

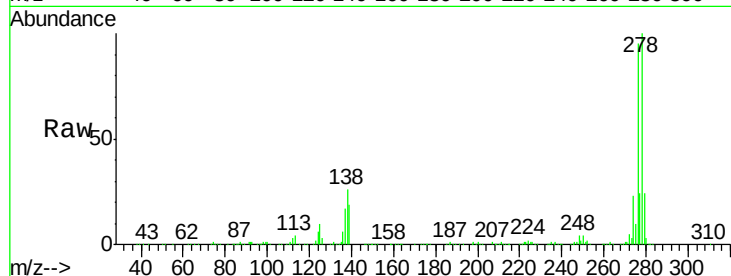
Tot Ion:276 Resp: 1004358

Ion Ratio Lower Upper

276 100

138 28.7 26.0 39.0

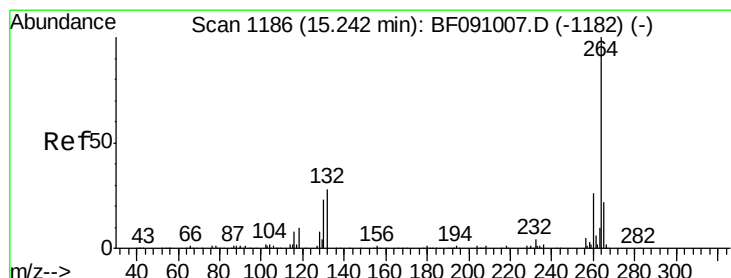
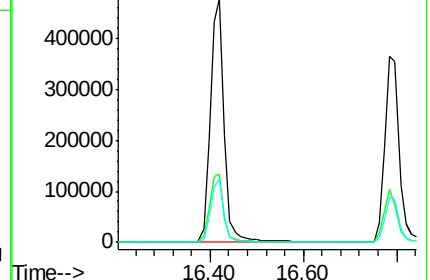
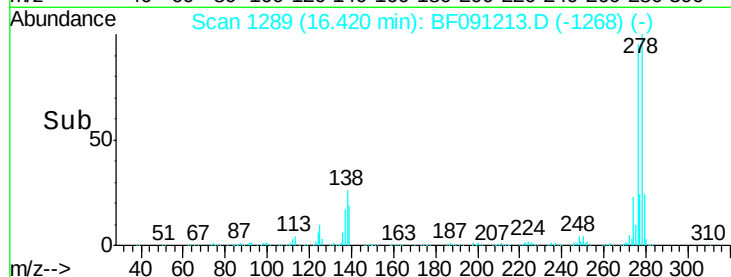
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.14 min Scan# 1177

Delta R.T. -0.05 min

Lab File: BF091213.D

Acq: 17 Nov 2016 15:40

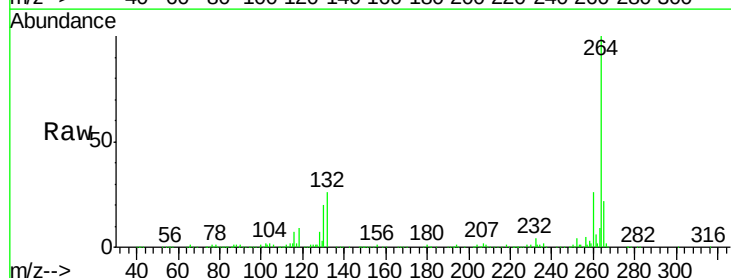
Tgt Ion:264 Resp: 402517

Ion Ratio Lower Upper

264 100

260 25.6 20.6 30.8

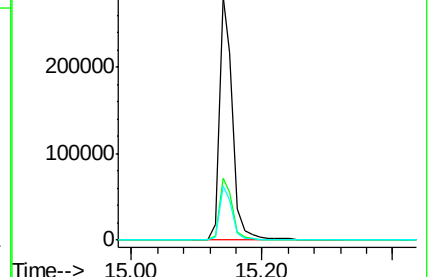
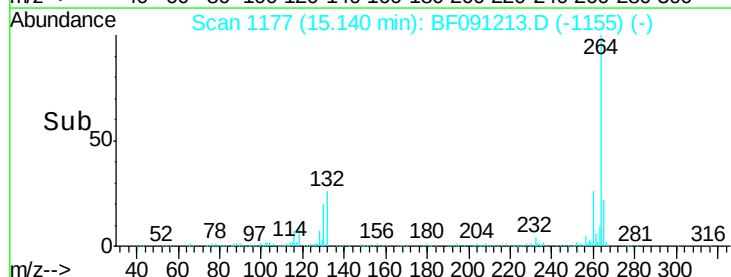
265 22.4 17.8 26.8

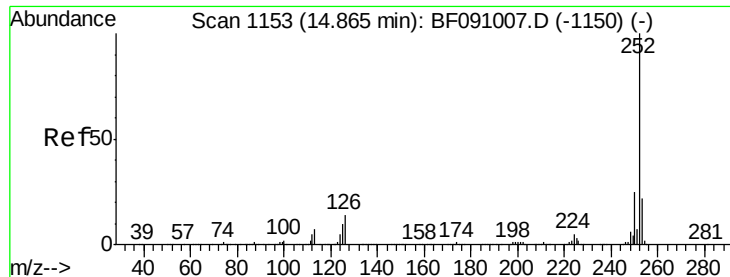


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

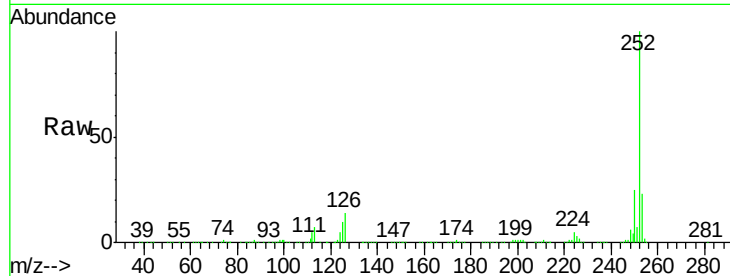




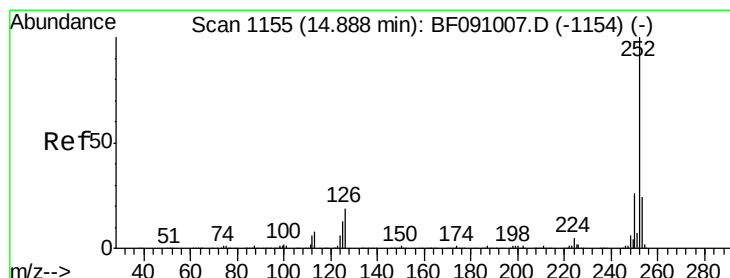
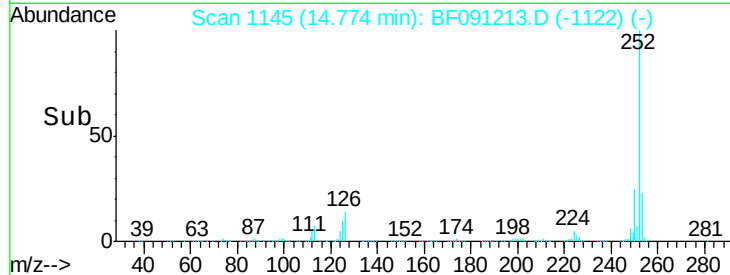
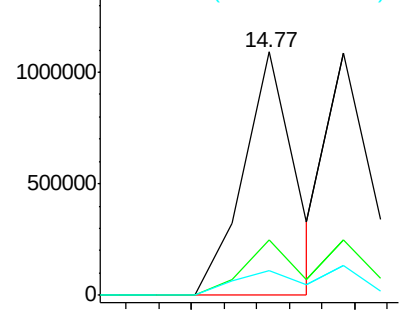
#87
Benzo(b)fluoranthene
Concen: 43.78 ng m
RT: 14.77 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB94770BS

Tot Ion:252 Resp: 1195228
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.4 8.3 12.5

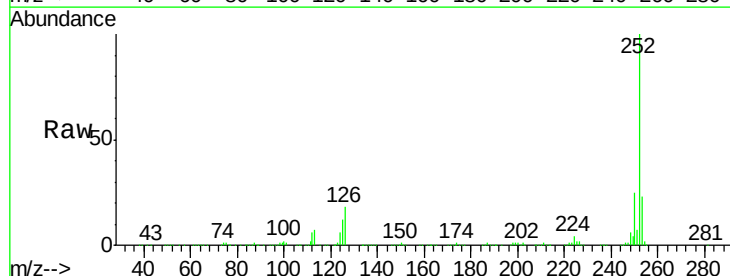


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

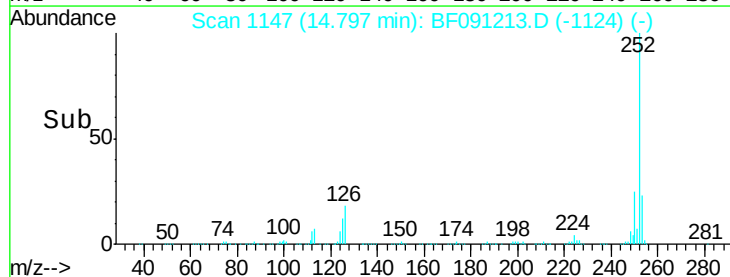
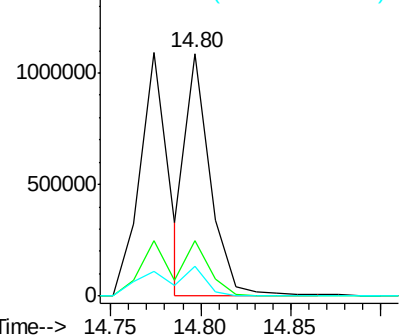


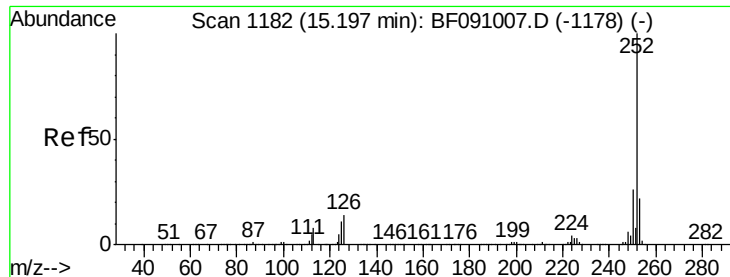
#88
Benzo(k)fluoranthene
Concen: 43.51 ng m
RT: 14.80 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Tgt Ion:252 Resp: 1042037
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 12.1 11.2 16.8



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

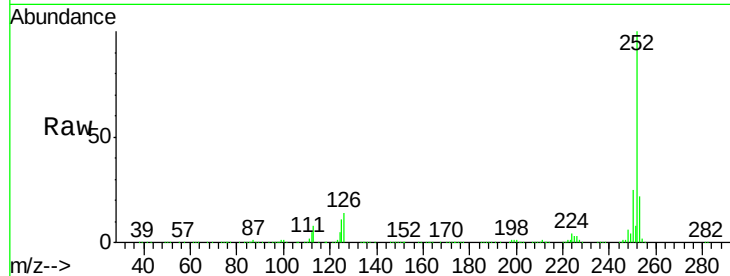




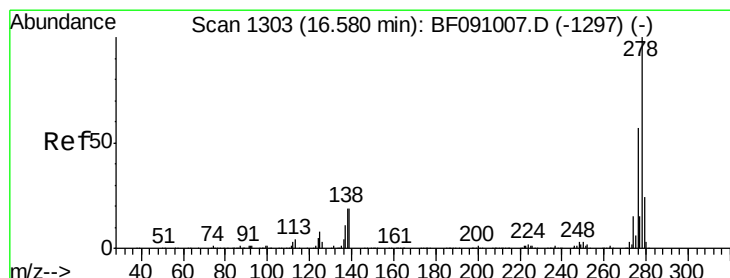
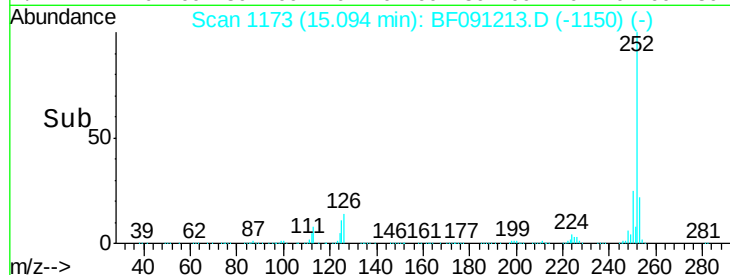
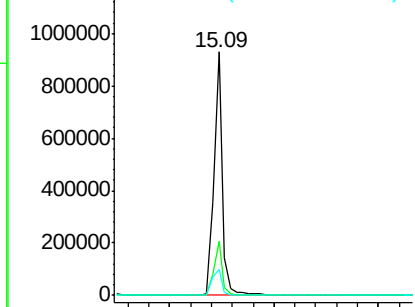
#89
Benzo(a)pyrene
Concen: 43.34 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB94770BS

Tot Ion:252 Resp: 1029961
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.6 8.6 13.0

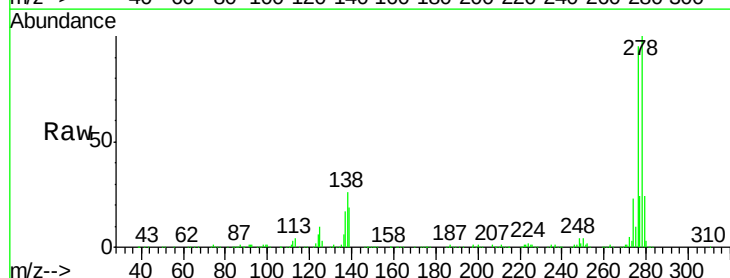


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

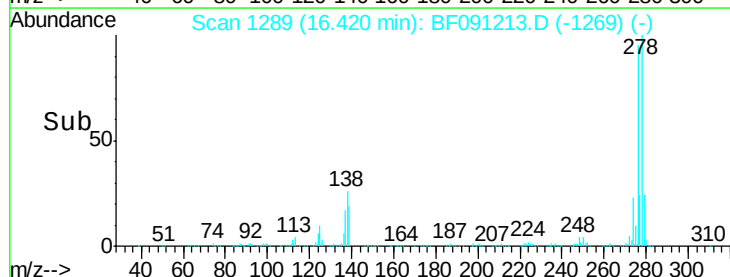
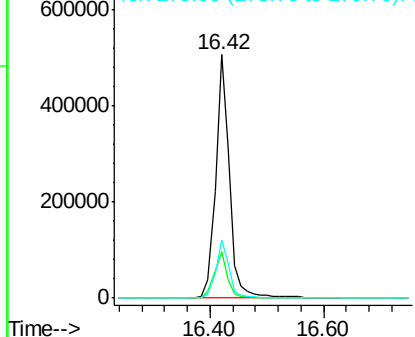


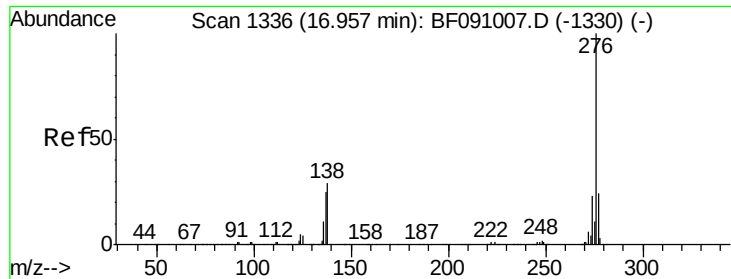
#90
Dibenzo(a,h)anthracene
Concen: 41.29 ng
RT: 16.42 min Scan# 1289
Delta R.T. -0.07 min
Lab File: BF091213.D
Acq: 17 Nov 2016 15:40

Tgt Ion:278 Resp: 848412
Ion Ratio Lower Upper
278 100
139 19.2 15.3 22.9
279 24.1 19.3 28.9



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

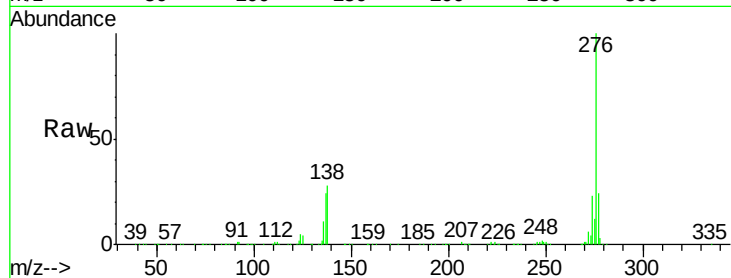




#91
 Benzo(a,h,i)perylene
 Concen: 42.42 ng
 RT: 16.79 min Scan# 1321
 Delta R.T. -0.07 min
 Lab File: BF091213.D
 Acq: 17 Nov 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	28.3	23.3	34.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

