

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092322.D
 Acq On : 17 Jan 2017 18:04
 Operator : UM/SJ
 Sample : PB96091BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Quant Time: Jan 17 23:56:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	526725	20.00	ng	0.07
21) Naphthalene-d8	7.84	136	647620	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	326636	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	528875	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	321277	20.00	ng	-0.09
86) Perylene-d12	15.05	264	285458	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1163401	36.88	ng	-0.09
7) Phenol-d6	6.22	99	1407664	36.55	ng	-0.09
23) Nitrobenzene-d5	7.12	82	963415	82.72	ng	-0.09
41) 2,4,6-Tribromophenol	10.38	330	318448	117.81	ng	-0.09
44) 2-Fluorobiphenyl	8.92	172	1571803	101.03	ng	-0.09
78) Terphenyl-d14	12.65	244	1348094	101.77	ng	-0.10

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.04	88	168908	10.88	ng	93
3) Pyridine	2.66	79	431905	7.97	ng	97
4) n-Nitrosodimethylamine	2.61	42	218171	10.67	ng	94
6) Aniline	6.30	93	445372	8.90	ng	# 22
8) 2-Chlorophenol	6.35	128	432646	12.06	ng	89
10) Phenol	6.23	94	487298	11.10	ng	82
11) bis(2-Chloroethyl)ether	6.30	93	445372	12.75	ng	97
12) 1,3-Dichlorobenzene	6.50	146	445085	11.62	ng	99
13) 1,4-Dichlorobenzene	6.72	146	417099	10.70	ng	97
14) 1,2-Dichlorobenzene	6.72	146	417099	12.33	ng	99
15) Benzyl Alcohol	6.71	79	349336	11.67	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.85	45	606138	11.66	ng	# 43
17) 2-Methylphenol	7.01	107	488203	16.92	ng	# 76
19) n-Nitroso-di-n-propylamine	6.99	70	330349	12.89	ng	97
20) 3+4-Methylphenols	7.01	107	488203	14.18	ng	# 73
22) Acetophenone	6.98	105	620934	38.87	ng	93
24) Nitrobenzene	7.15	77	478104	38.54	ng	96
25) Isophorone	7.39	82	836503	38.93	ng	94
26) 2-Nitrophenol	7.47	139	237295	38.79	ng	95
27) 2,4-Dimethylphenol	7.52	122	381578	37.61	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	516418	39.63	ng	98
29) 2,4-Dichlorophenol	7.72	162	361820	42.11	ng	91
30) 1,2,4-Trichlorobenzene	7.79	180	367282	39.01	ng	96
31) Naphthalene	7.87	128	1238106	41.77	ng	98
32) Benzoic acid	7.67	122	137093	18.22	ng	97
33) 4-Chloroaniline	7.92	127	90667	6.78	ng	95
34) Hexachlorobutadiene	7.98	225	193140	38.86	ng	99
35) Caprolactam	8.30	113	66152	23.43	ng	# 65
36) 4-Chloro-3-methylphenol	8.44	107	392328	39.68	ng	90
37) 2-Methylnaphthalene	8.55	142	782708	42.82	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	348005	42.17	ng	99
40) Hexachlorocyclopentadiene	8.71	237	237393	65.36	ng	98
42) 2,4,6-Trichlorophenol	8.85	196	227519	39.42	ng	97
43) 2,4,5-Trichlorophenol	8.90	196	230054	38.73	ng	98

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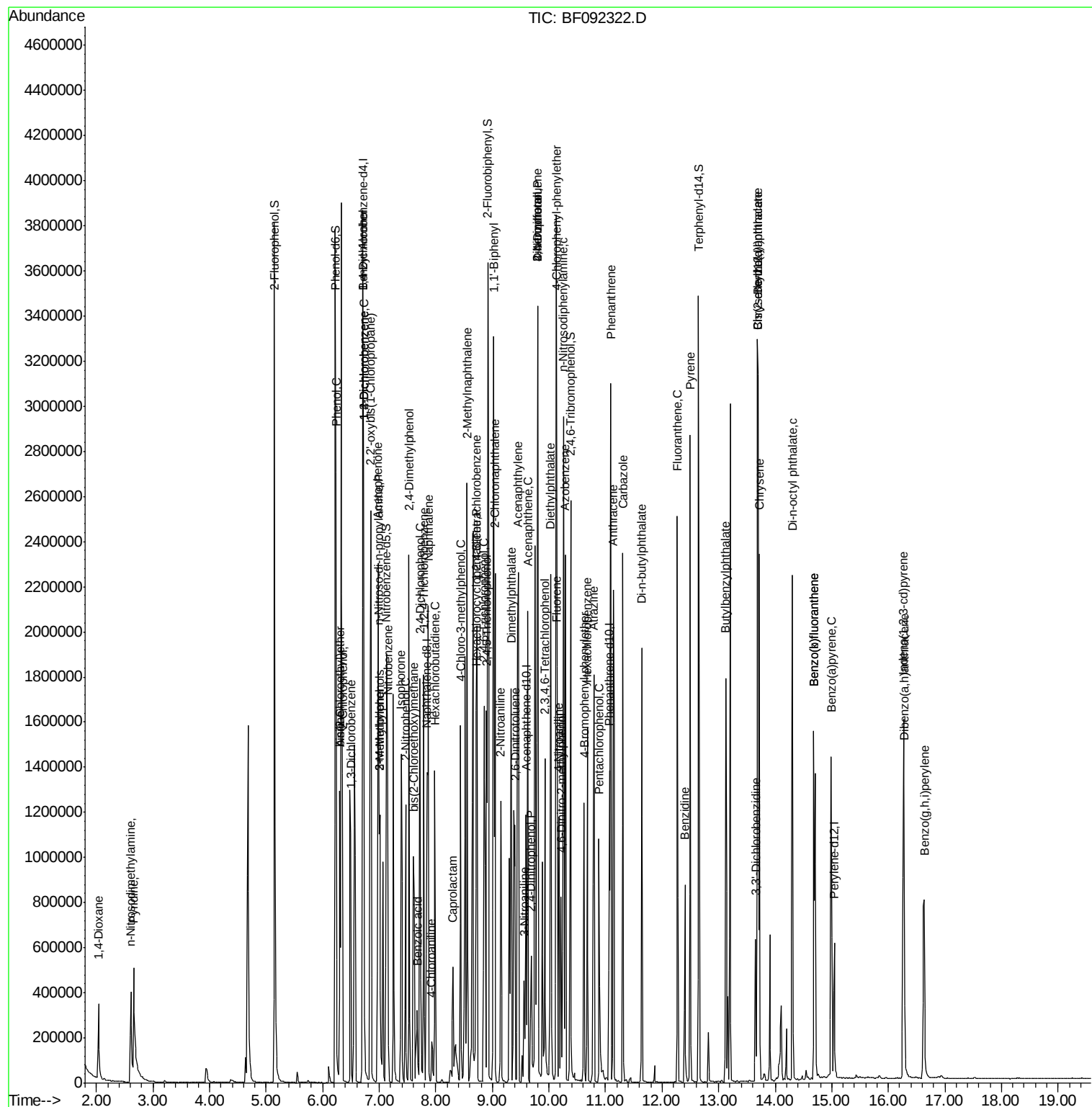
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.02	154	1007806	45.06	ng	98
46) 2-Chloronaphthalene	9.04	162	759244	42.87	ng	99
47) 2-Nitroaniline	9.15	65	224748	35.64	ng	95
48) Acenaphthylene	9.46	152	1126509	41.36	ng	97
49) Dimethylphthalate	9.33	163	807880	38.67	ng	99
50) 2,6-Dinitrotoluene	9.40	165	203601	44.53	ng	90
51) Acenaphthene	9.63	154	709900	38.44	ng	99
52) 3-Nitroaniline	9.56	138	72475	12.81	ng	100
53) 2,4-Dinitrophenol	9.68	184	113135	44.47	ng	# 90
54) Dibenzofuran	9.80	168	1038826	41.65	ng	94
55) 4-Nitrophenol	9.80	139	638224	166.11	ng	# 10
56) 2,4-Dinitrotoluene	9.80	165	219613	38.27	ng	# 74
57) Fluorene	10.14	166	761667	41.98	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	184499	39.27	ng	98
59) Diethylphthalate	10.03	149	798312	39.35	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	324932	40.90	ng	100
61) 4-Nitroaniline	10.18	138	199313	33.99	ng	97
62) Azobenzene	10.29	77	970809	43.46	ng	99
64) 4,6-Dinitro-2-methylphenol	10.21	198	113486	35.49	ng	# 64
65) n-Nitrosodiphenylamine	10.26	169	682979	43.52	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	234101	42.55	ng	# 83
67) Hexachlorobenzene	10.68	284	227063	38.61	ng	# 79
68) Atrazine	10.79	200	239164	47.24	ng	96
69) Pentachlorophenol	10.88	266	163386	56.62	ng	98
70) Phenanthrene	11.09	178	1159123	40.42	ng	99
71) Anthracene	11.14	178	1173162	46.76	ng	98
72) Carbazole	11.31	167	1109027	48.79	ng	97
73) Di-n-butylphthalate	11.64	149	1283923	47.47	ng	99
74) Fluoranthene	12.27	202	1072896	42.42	ng	99
76) Benzidine	12.40	184	380144	46.95	ng	97
77) Pyrene	12.50	202	1148253	48.71	ng	99
79) Butylbenzylphthalate	13.13	149	485366	45.27	ng	94
80) Benzo(a)anthracene	13.69	228	847079	46.71	ng	99
81) 3,3'-Dichlorobenzidine	13.65	252	128429	18.68	ng	# 97
82) Chrysene	13.72	228	806998	44.36	ng	98
83) Bis(2-ethylhexyl)phthalate	13.70	149	694370	55.00	ng	# 97
84) Di-n-octyl phthalate	14.30	149	1076522	46.03	ng	99
85) Indeno(1,2,3-cd)pyrene	16.27	276	749840	47.58	ng	99
87) Benzo(b)fluoranthene	14.68	252	1358505	76.44	ng	99
88) Benzo(k)fluoranthene	14.68	252	1359072	89.68	ng	98
89) Benzo(a)pyrene	14.99	252	656698	41.63	ng	98
90) Dibenzo(a,h)anthracene	16.28	278	626169	48.30	ng	# 94
91) Benzo(g,h,i)perylene	16.63	276	666149	49.41	ng	99

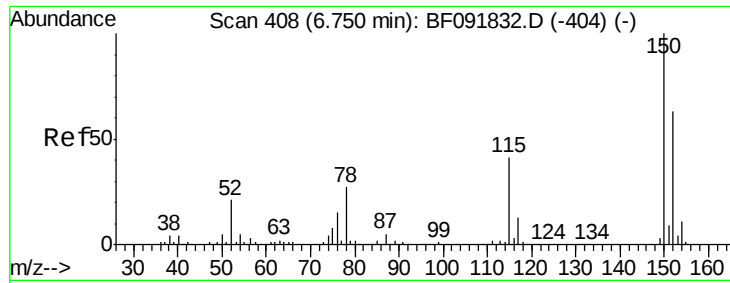
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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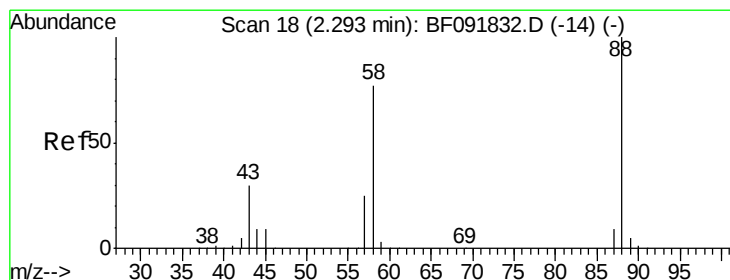
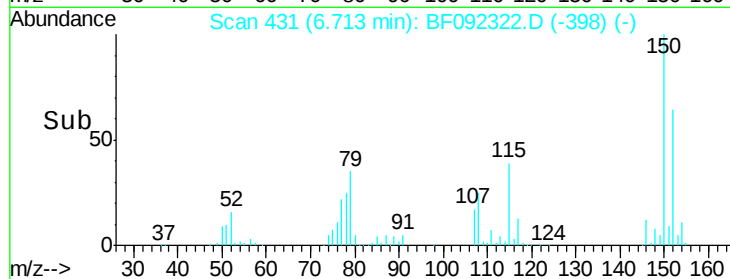
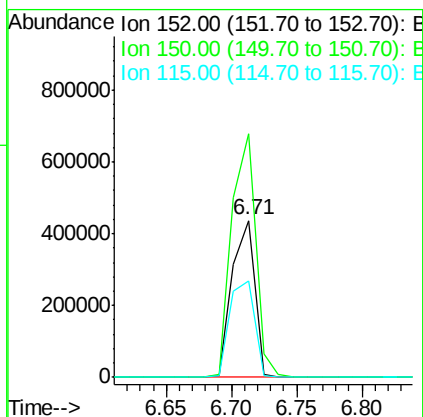
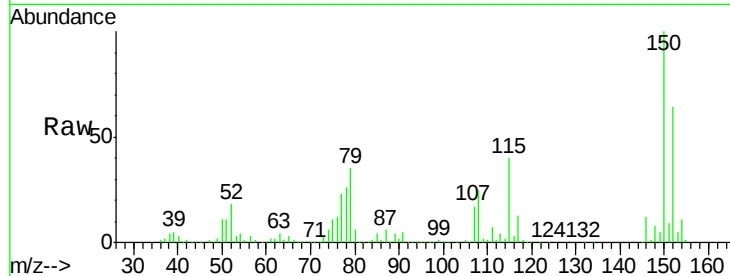




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 431
 Delta R.T. 0.07 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

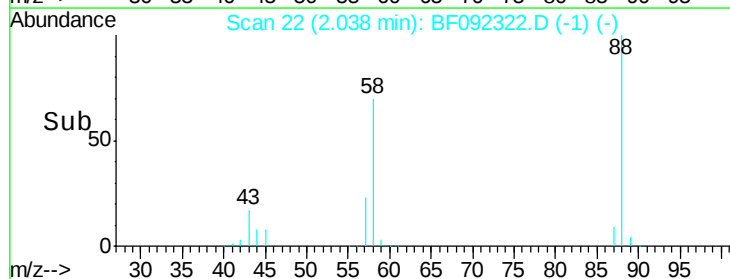
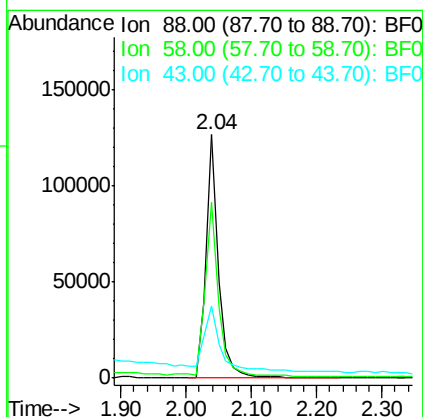
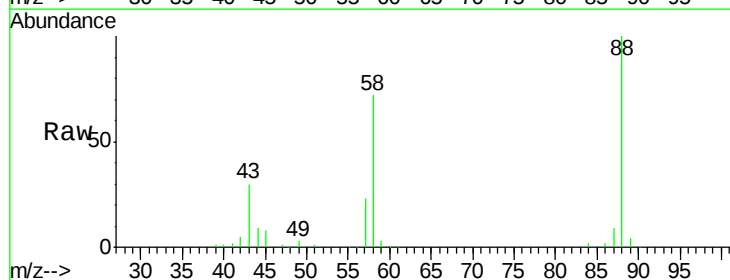
Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

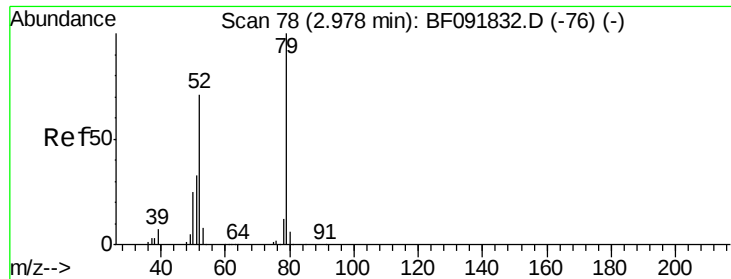
Tgt Ion: 152 Resp: 526725
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.9 187.3
 115 61.3 46.0 69.0



#2
 1,4-Dioxane
 Concen: 10.88 ng
 RT: 2.04 min Scan# 22
 Delta R.T. -0.04 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion: 88 Resp: 168908
 Ion Ratio Lower Upper
 88 100
 58 76.9 57.8 86.8
 43 33.3 22.3 33.5





#3

Pyridine

Concen: 7.97 ng

RT: 2.66 min Scan# 76

Delta R.T. -0.08 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

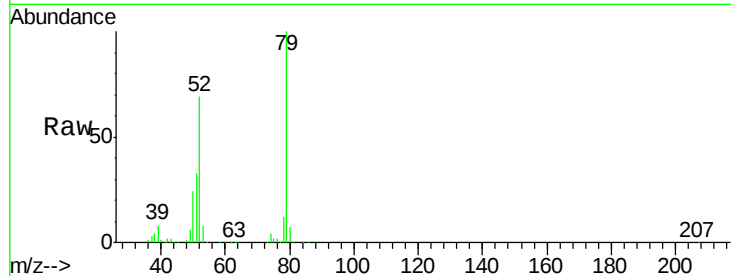
Tgt Ion: 79 Resp: 431905

Ion Ratio Lower Upper

79 100

52 69.1 57.1 85.7

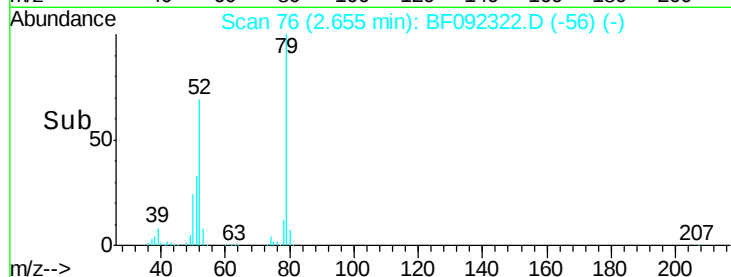
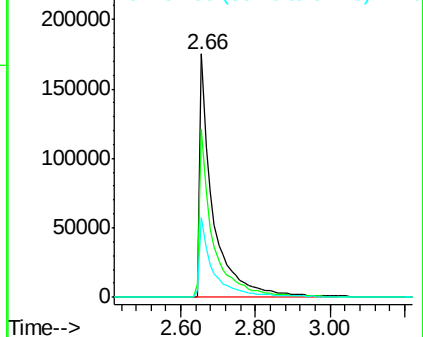
51 32.8 27.3 40.9



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: 10.67 ng

RT: 2.61 min Scan# 72

Delta R.T. -0.08 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

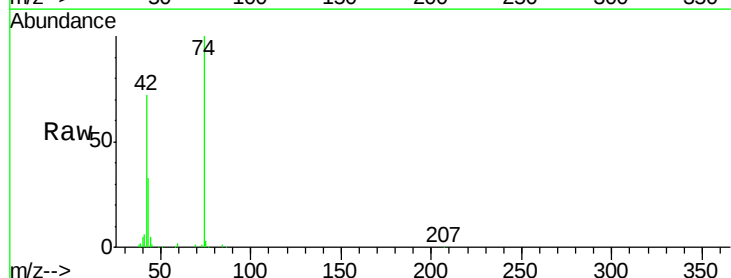
Tgt Ion: 42 Resp: 218171

Ion Ratio Lower Upper

42 100

74 138.7 117.0 175.4

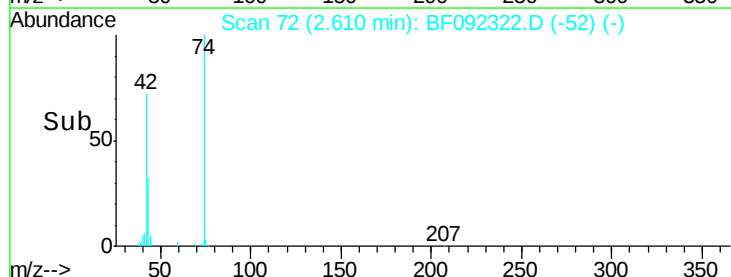
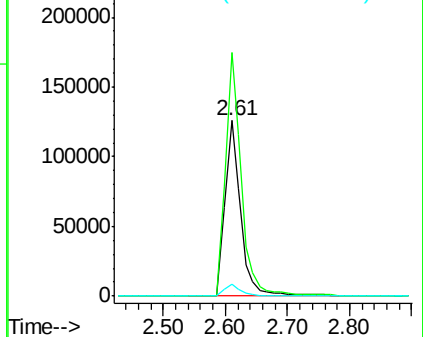
44 6.5 5.5 8.3



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: 36.88 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

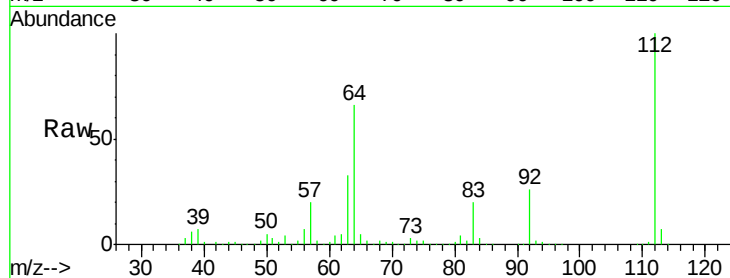
Tgt Ion: 112 Resp: 1163401

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

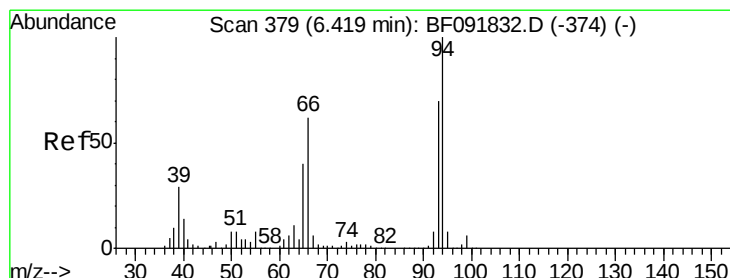
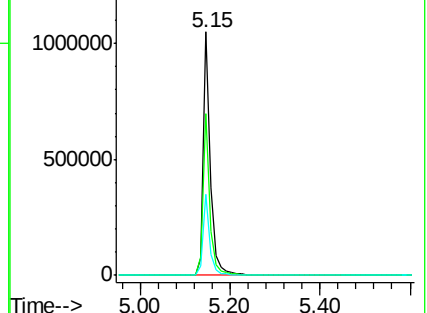
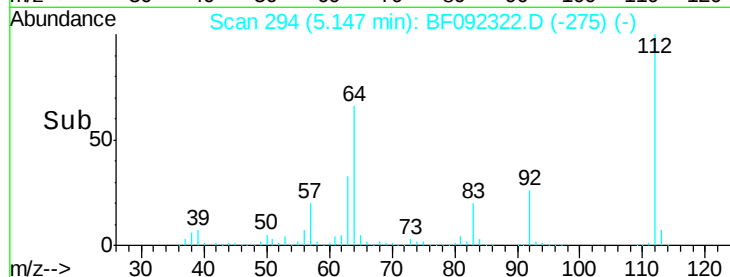
63 33.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.90 ng

RT: 6.30 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

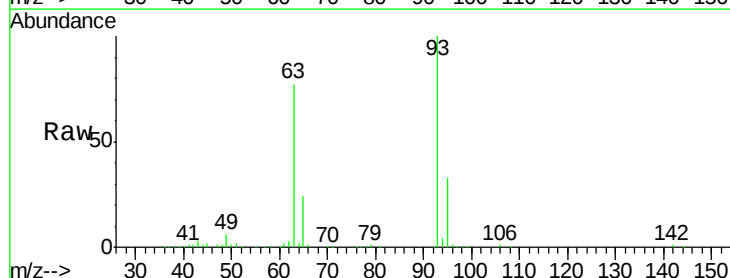
Tgt Ion: 93 Resp: 445372

Ion Ratio Lower Upper

93 100

66 0.7 76.2 114.2#

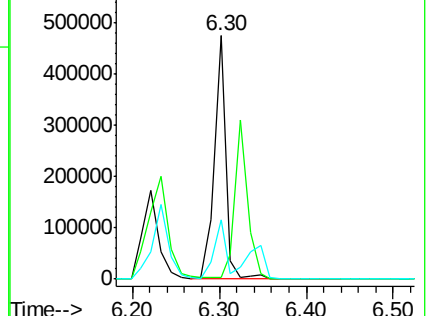
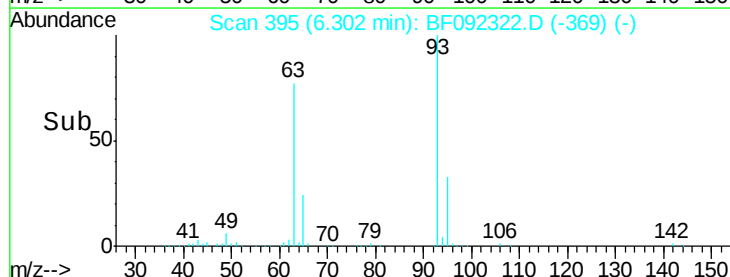
65 24.4 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 36.55 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

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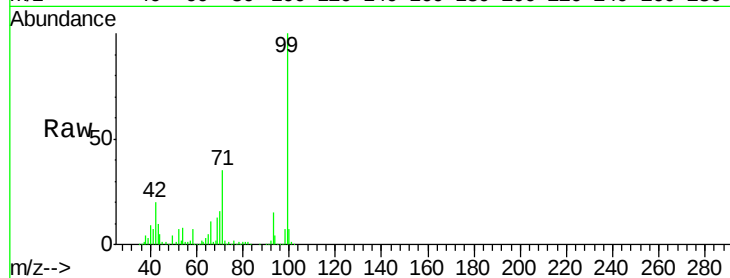
Tgt Ion: 99 Resp: 1407664

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

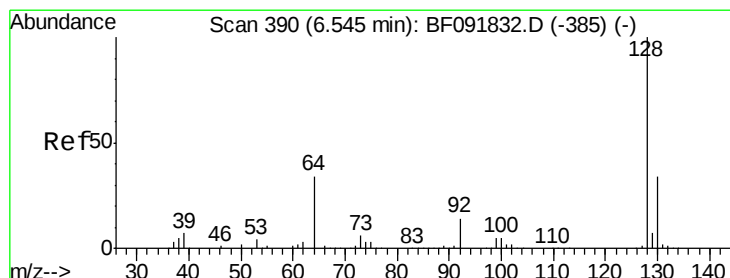
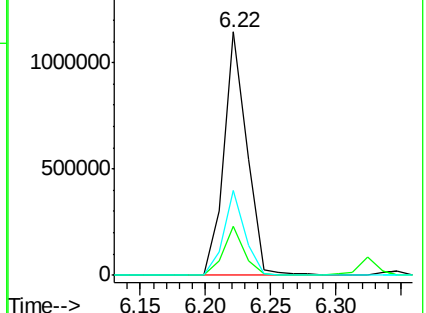
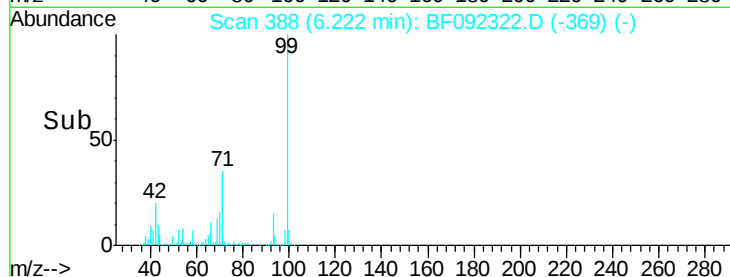
71 34.7 27.5 41.3



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: 12.06 ng

RT: 6.35 min Scan# 399

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

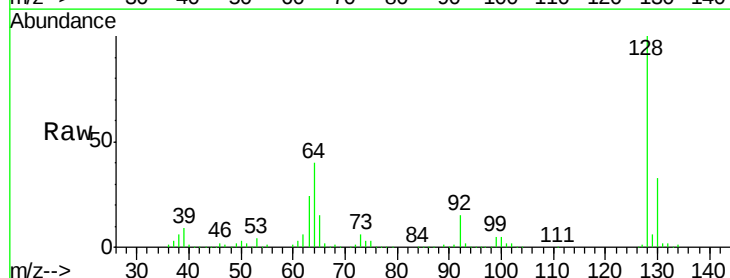
Tgt Ion: 128 Resp: 432646

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

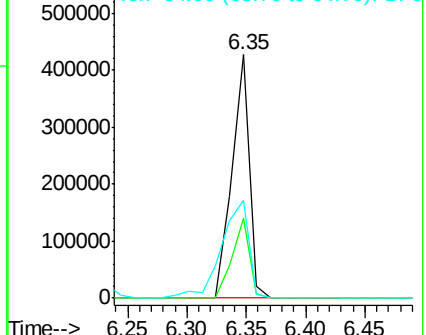
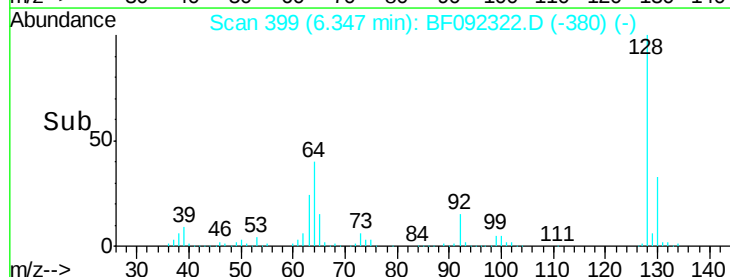
64 40.1 32.2 72.2

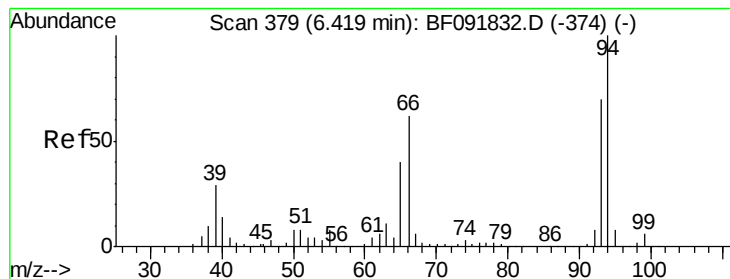


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 11.10 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.09 min

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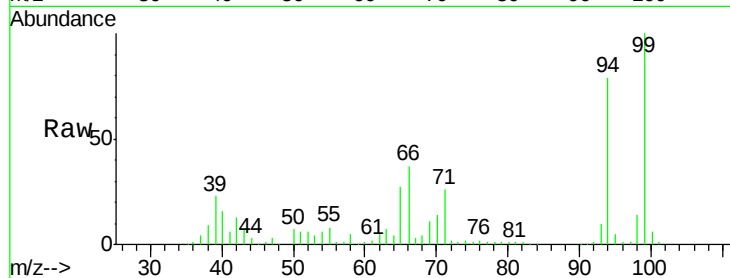
Tgt Ion: 94 Resp: 487298

Ion Ratio Lower Upper

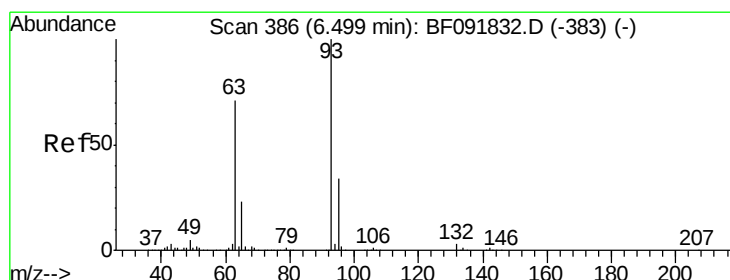
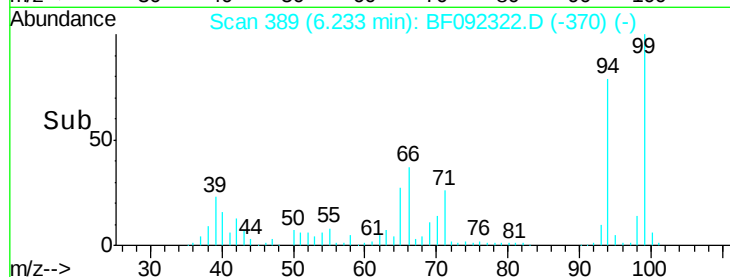
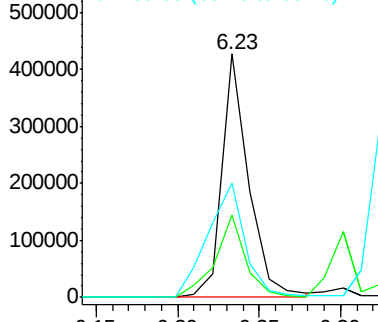
94 100

65 33.9 21.4 61.4

66 46.8 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 12.75 ng

RT: 6.30 min Scan# 395

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

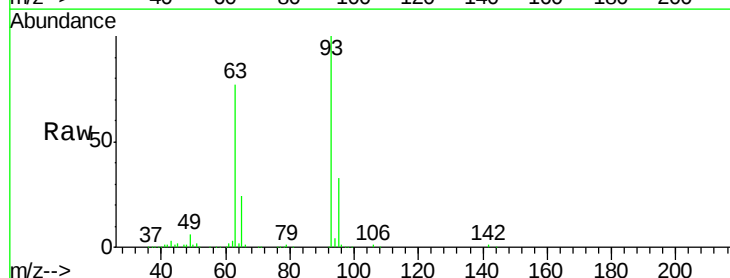
Tgt Ion: 93 Resp: 445372

Ion Ratio Lower Upper

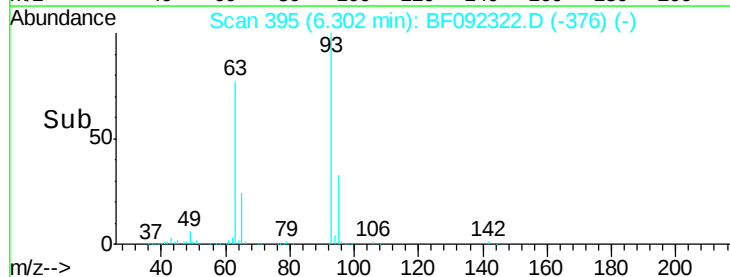
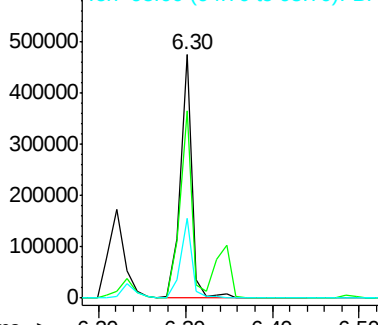
93 100

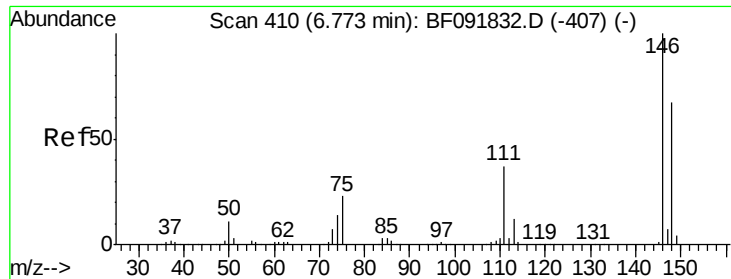
63 77.1 60.4 100.4

95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

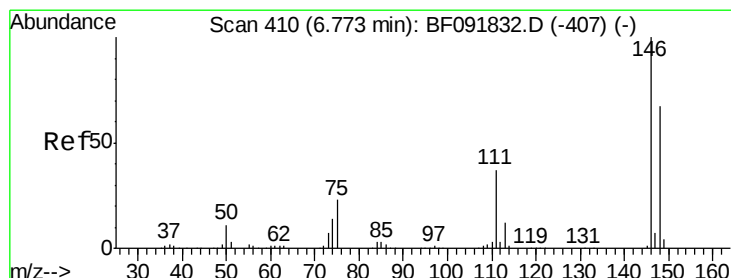
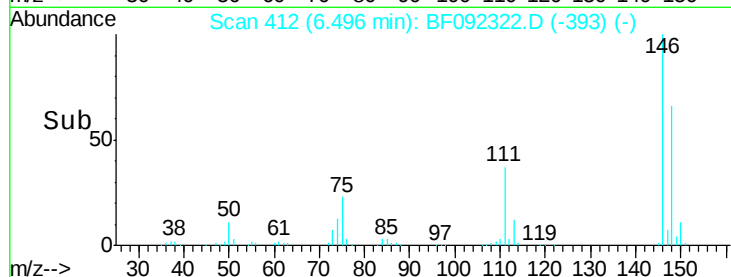
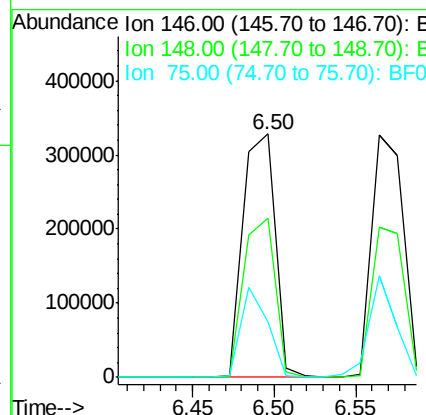
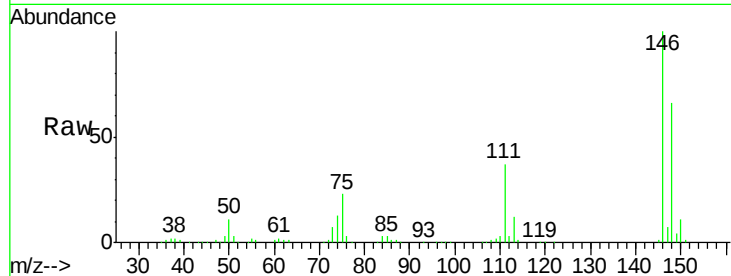




#12
 1,3-Dichlorobenzene
 Concen: 11.62 ng
 RT: 6.50 min Scan# 412
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

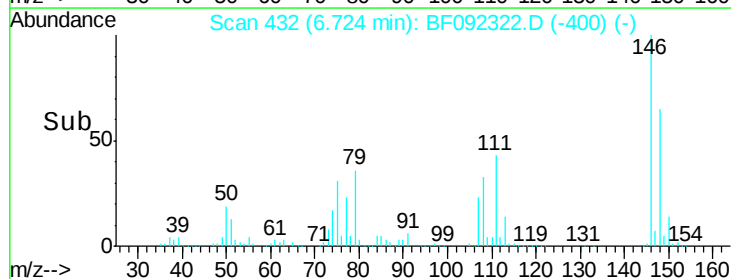
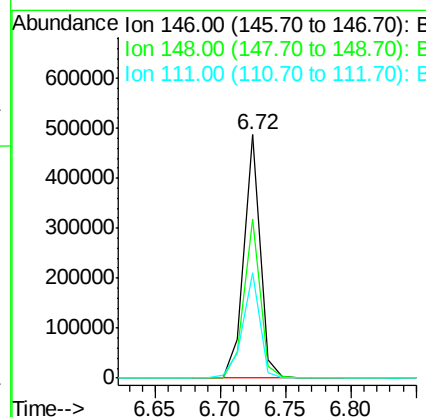
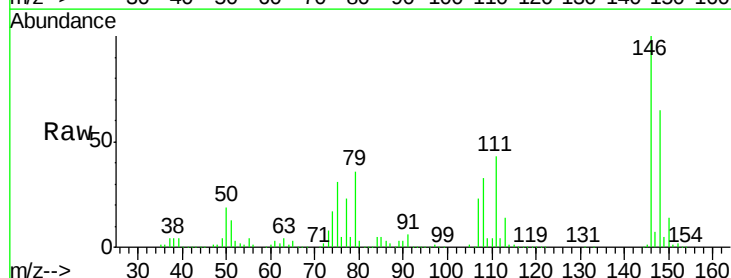
Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

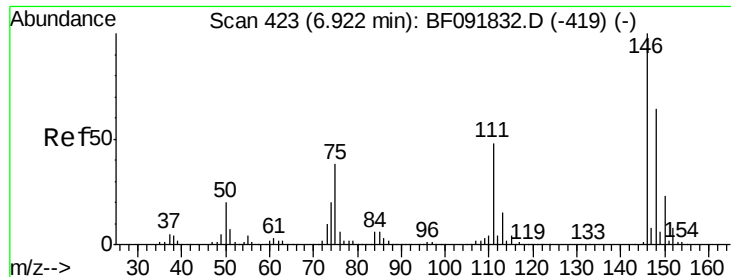
Tgt Ion:146 Resp: 445085
 Ion Ratio Lower Upper
 146 100
 148 65.6 53.4 80.0
 75 22.6 18.5 27.7



#13
 1,4-Dichlorobenzene
 Concen: 10.70 ng
 RT: 6.72 min Scan# 432
 Delta R.T. 0.06 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion:146 Resp: 417099
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.6 76.0
 111 43.4 36.2 54.4

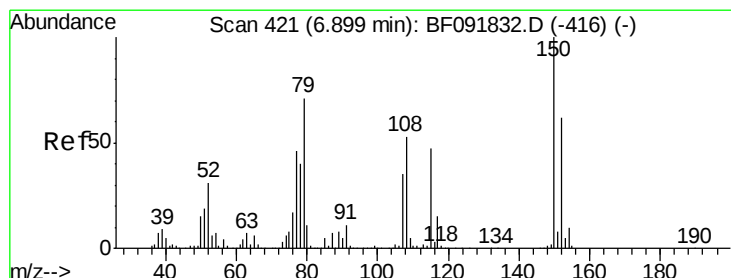
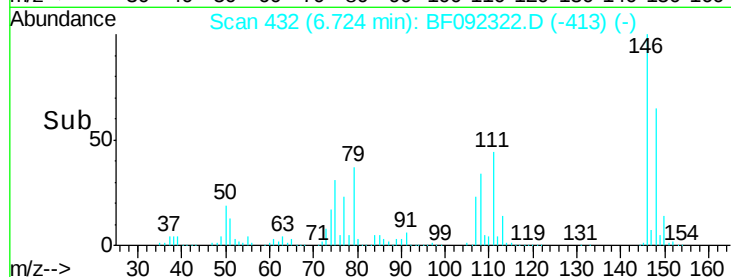
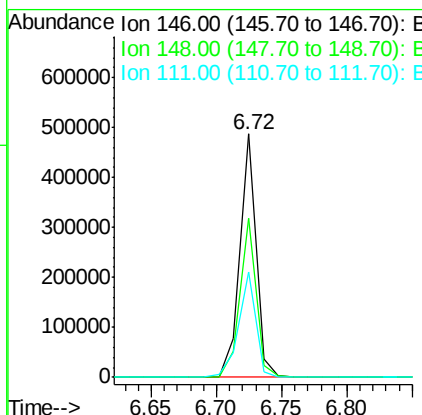
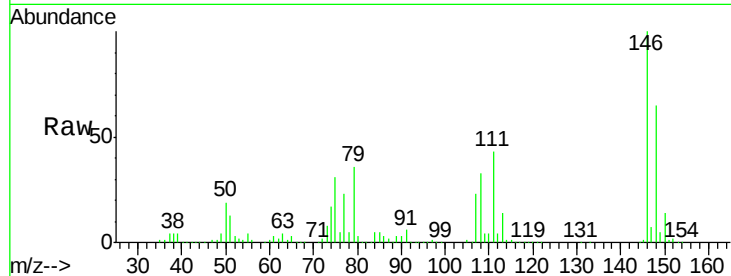




#14
1,2-Dichlorobenzene
Concen: 12.33 ng
RT: 6.72 min Scan# 432
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

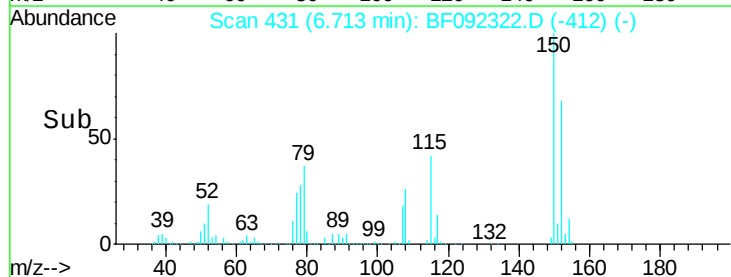
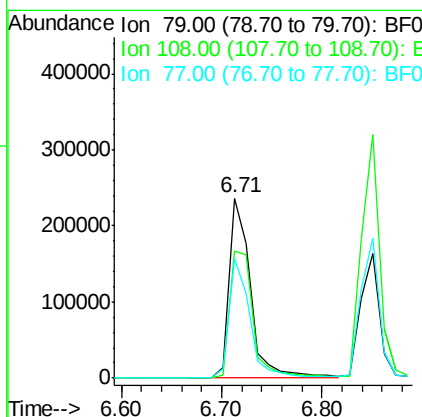
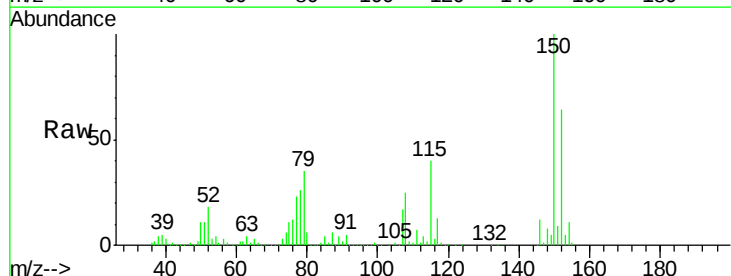
Instrument :
BNA_F
ClientSampleId :
PB96061BS

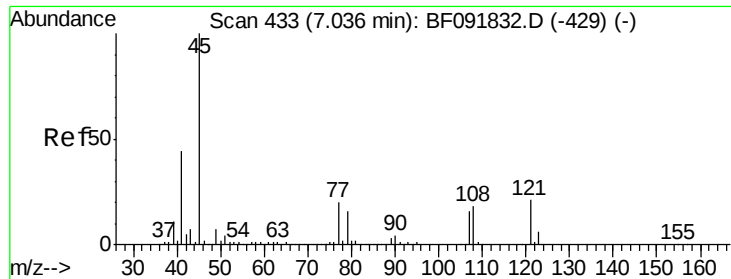
Tgt Ion: 146 Resp: 417099
Ion Ratio Lower Upper
146 100
148 65.5 52.2 78.2
111 43.4 36.2 54.2



#15
Benzyl Alcohol
Concen: 11.67 ng
RT: 6.71 min Scan# 431
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion: 79 Resp: 349336
Ion Ratio Lower Upper
79 100
108 70.6 61.4 92.0
77 66.4 50.9 76.3

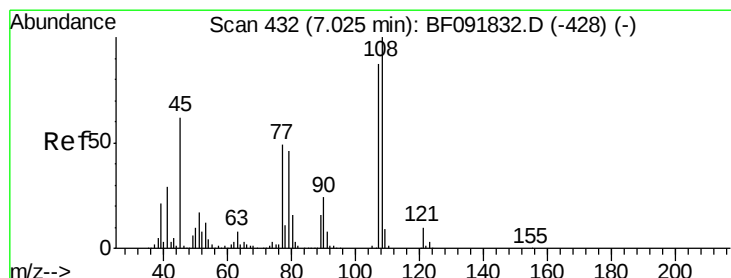
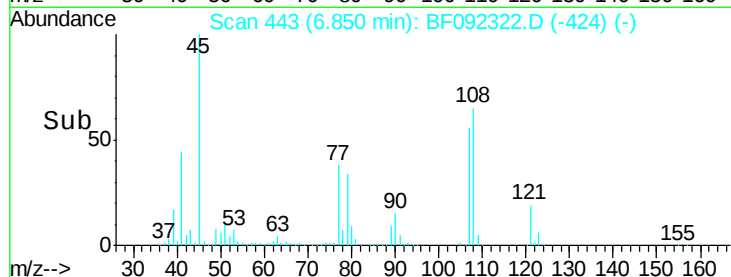
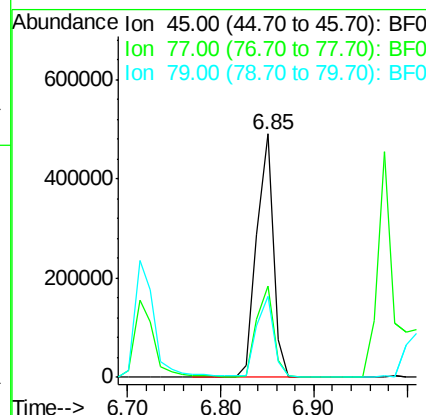
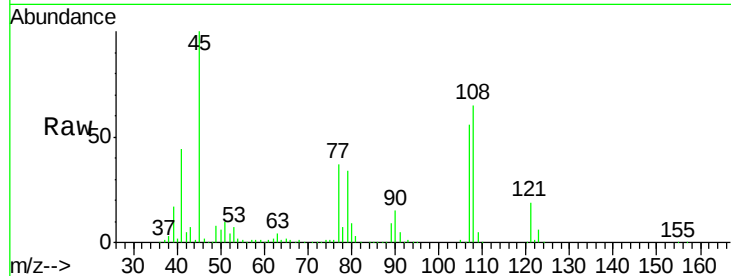




#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.66 ng
RT: 6.85 min Scan# 443
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

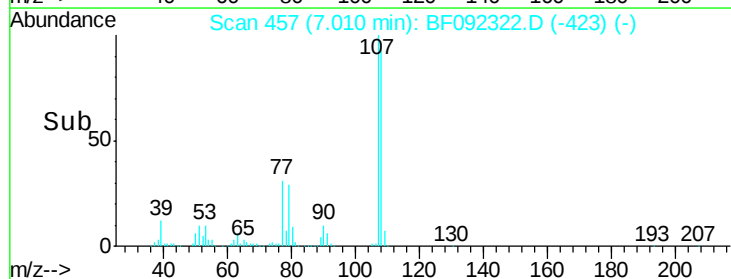
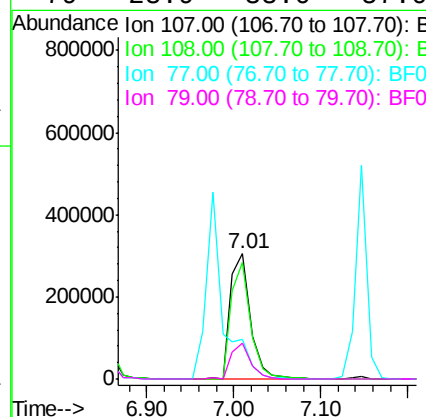
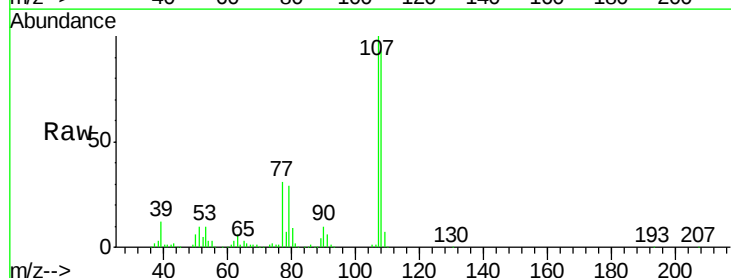
Instrument :
BNA_F
ClientSampleId :
PB96061BS

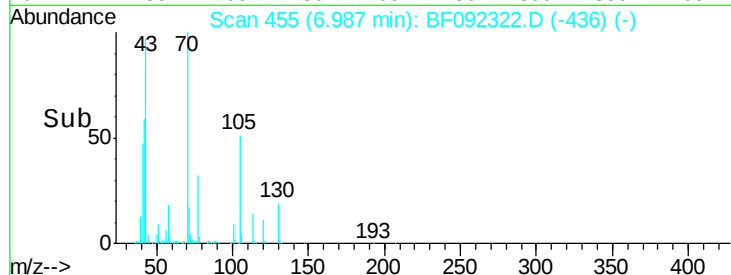
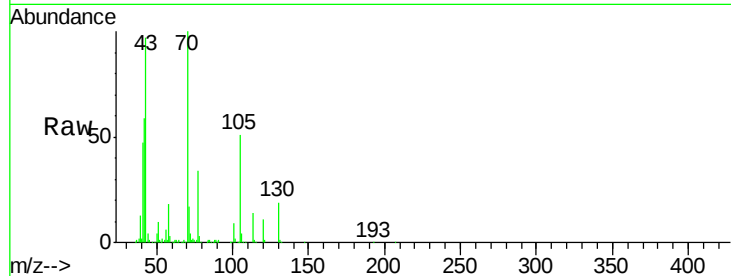
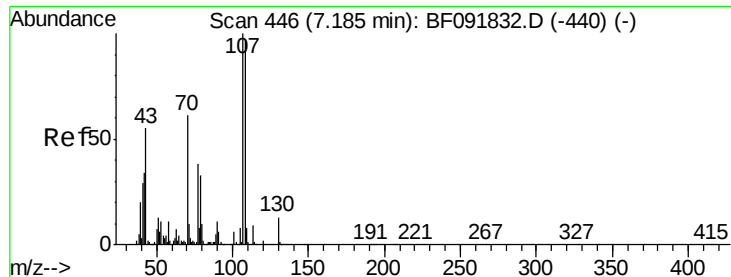
Tgt Ion: 45 Resp: 606138
Ion Ratio Lower Upper
45 100
77 37.5 0.0 34.6#
79 33.5 0.0 31.2#



#17
2-Methylphenol
Concen: 16.92 ng
RT: 7.01 min Scan# 457
Delta R.T. 0.08 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion: 107 Resp: 488203
Ion Ratio Lower Upper
107 100
108 92.9 93.0 139.6#
77 31.3 39.8 59.8#
79 28.9 38.0 57.0#

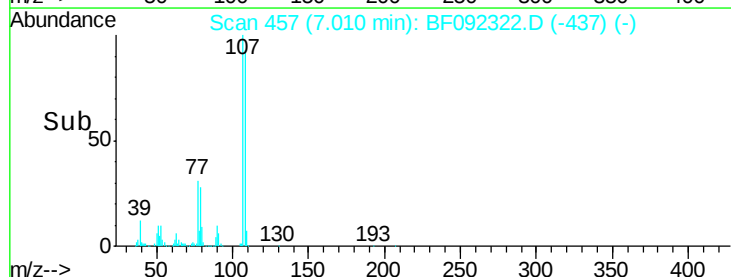
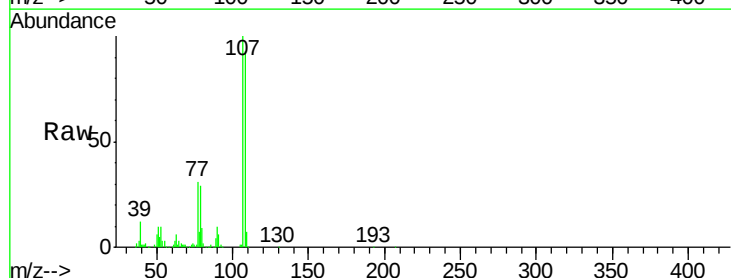
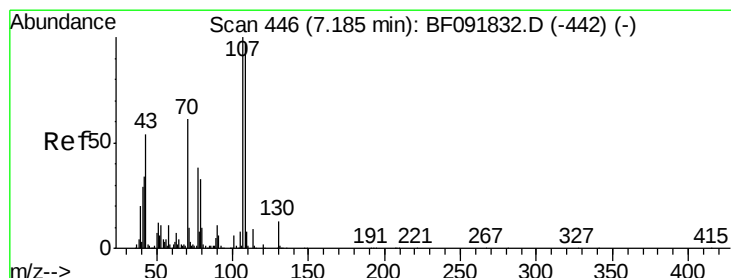
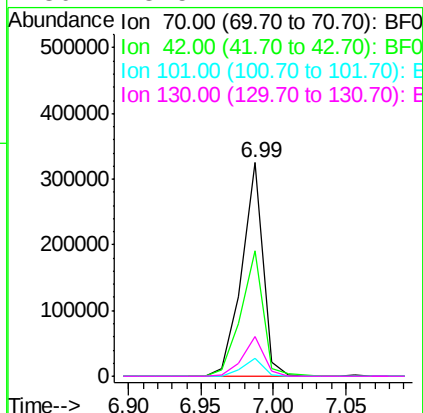




#19
n-Nitroso-di-n-propylamine
Concen: 12.89 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

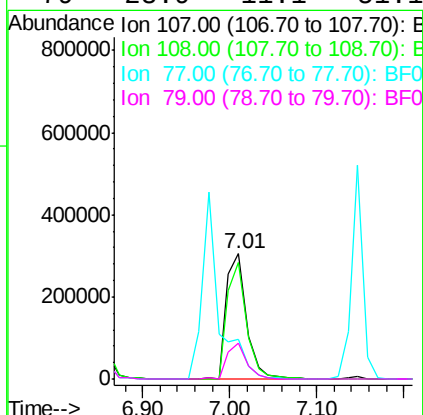
Instrument :
BNA_F
ClientSampleId :
PB96061BS

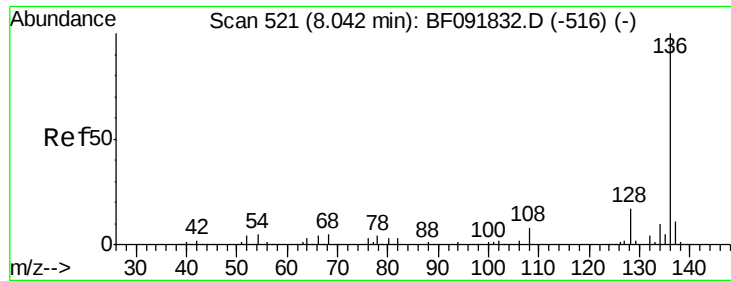
Tgt Ion:	70	Resp:	330349
Ion	Ratio	Lower	Upper
70	100		
42	58.9	49.4	74.0
101	8.7	7.4	11.2
130	18.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 14.18 ng
RT: 7.01 min Scan# 457
Delta R.T. -0.08 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion:	107	Resp:	488203
Ion	Ratio	Lower	Upper
107	100		
108	92.9	73.0	113.0
77	31.3	71.3	111.3#
79	28.9	11.1	51.1

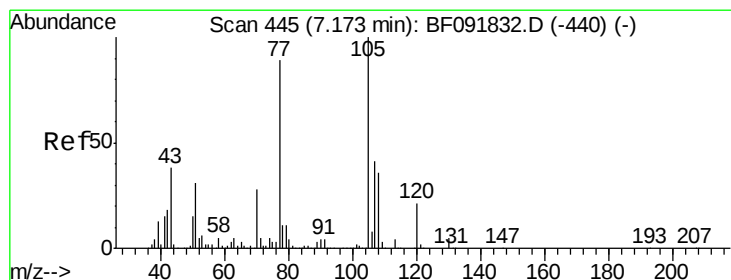
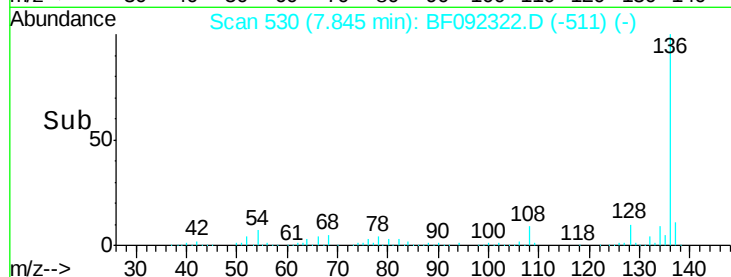
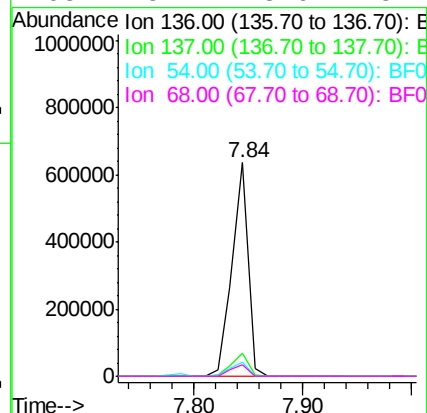
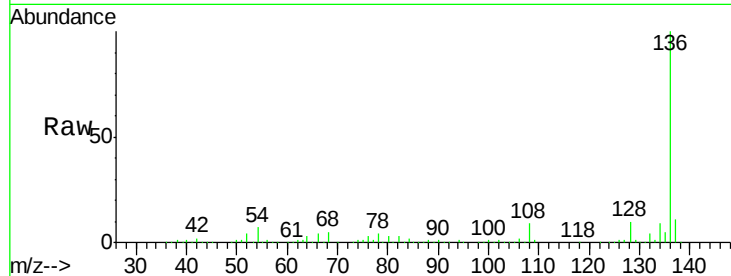




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

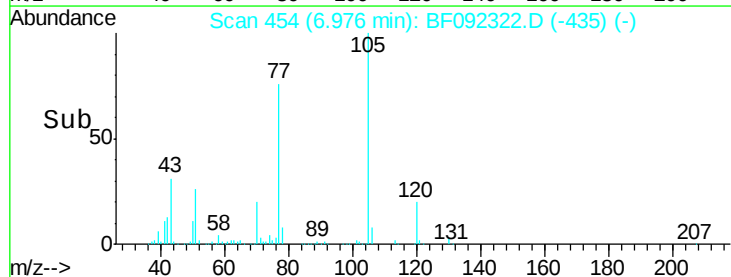
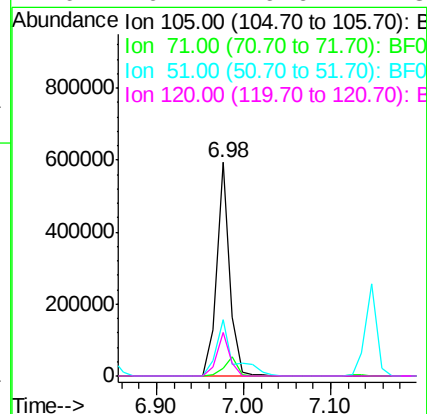
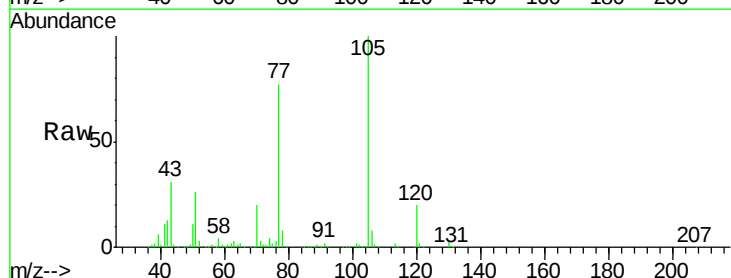
Instrument :
BNA_F
ClientSampleId :
PB96061BS

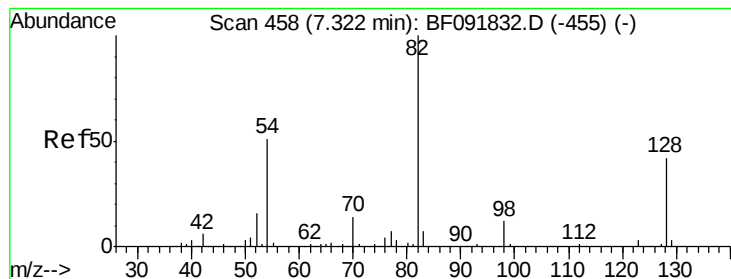
Tgt Ion:	136	Resp:	647620
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.7	4.5	6.7
68	5.4	3.6	5.4#



#22
Acetophenone
Concen: 38.87 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion:	105	Resp:	620934
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.2	4.8
51	26.5	26.2	39.4
120	20.1	16.6	24.8





#23

Nitrobenzene-d5

Concen: 82.72 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

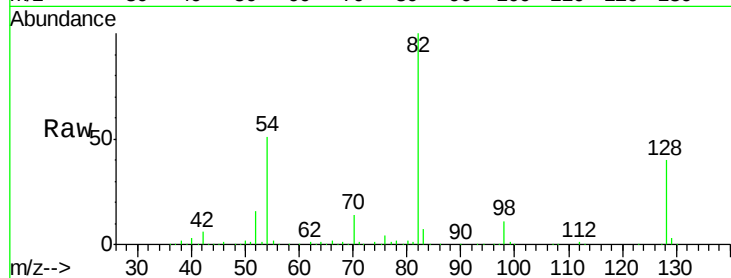
Tgt Ion: 82 Resp: 963415

Ion Ratio Lower Upper

82 100

128 40.1 34.6 52.0

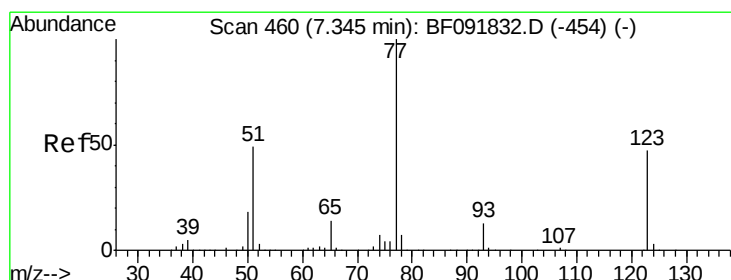
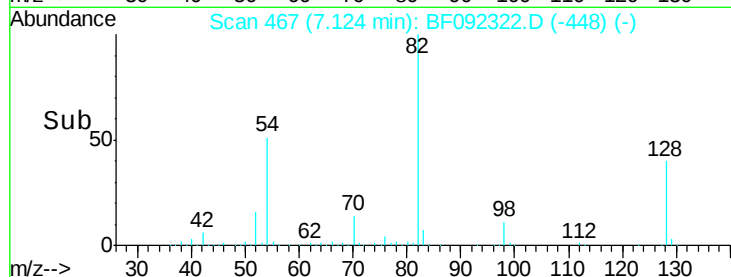
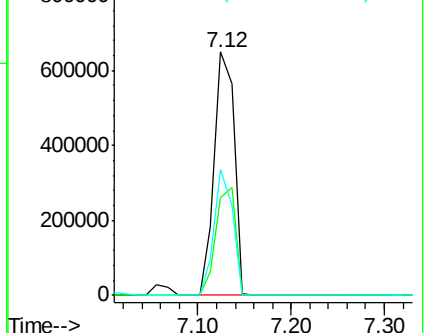
54 51.4 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.54 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

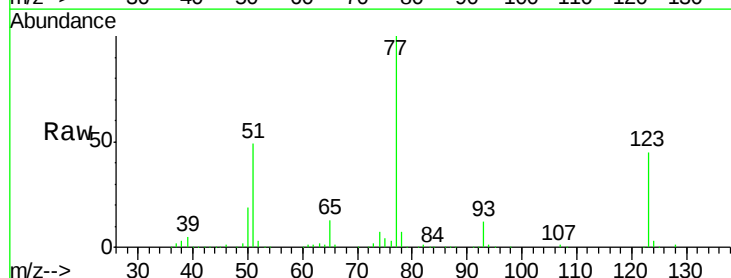
Tgt Ion: 77 Resp: 478104

Ion Ratio Lower Upper

77 100

123 44.6 33.0 49.4

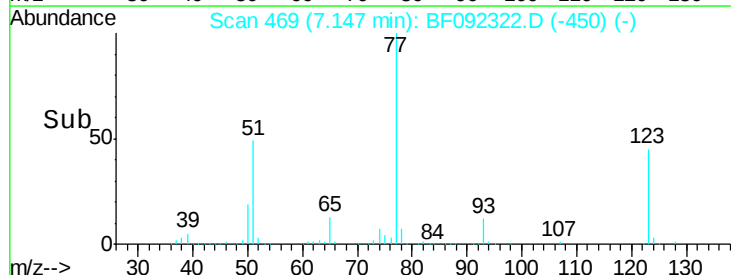
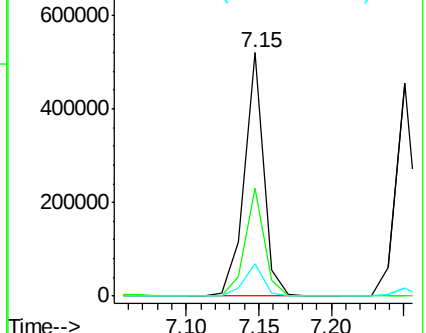
65 13.4 11.2 16.8

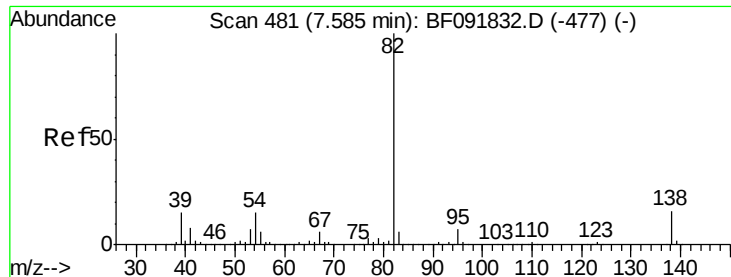


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.93 ng

RT: 7.39 min Scan# 490

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

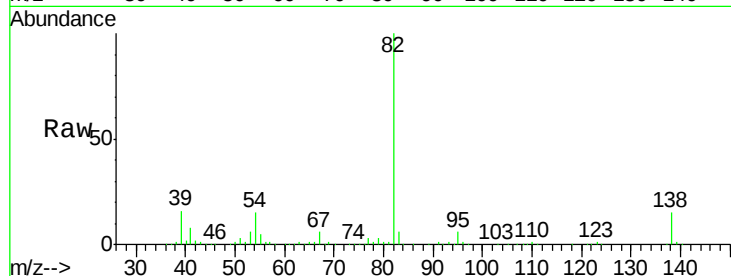
Tgt Ion: 82 Resp: 836503

Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

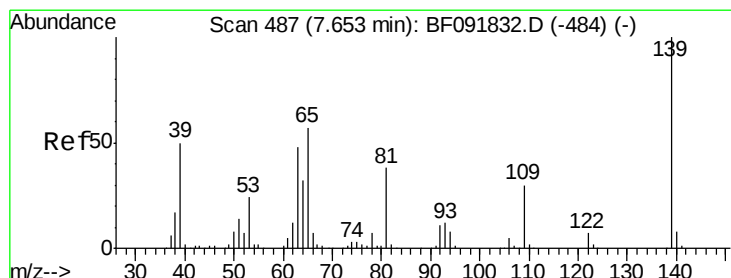
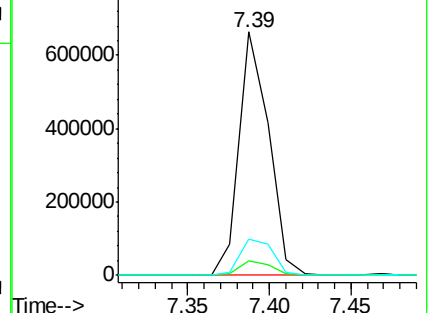
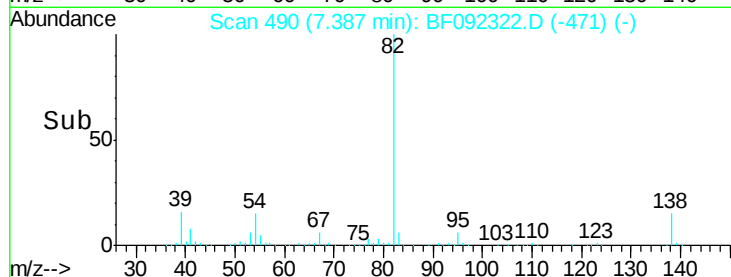
138 14.9 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.79 ng

RT: 7.47 min Scan# 497

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

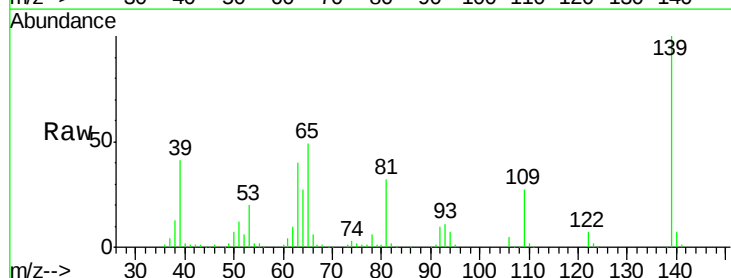
Tgt Ion: 139 Resp: 237295

Ion Ratio Lower Upper

139 100

109 26.8 23.3 34.9

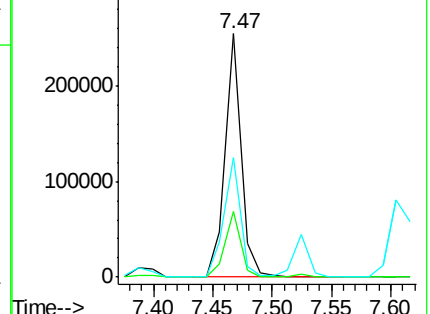
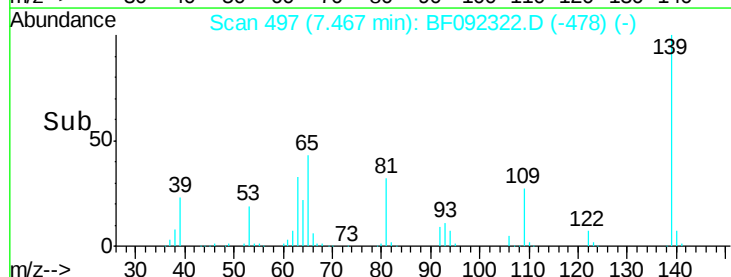
65 49.3 42.7 64.1

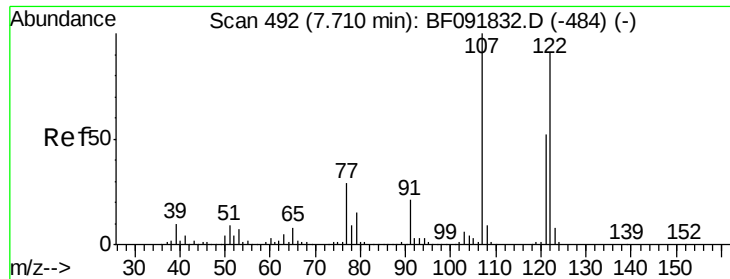


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

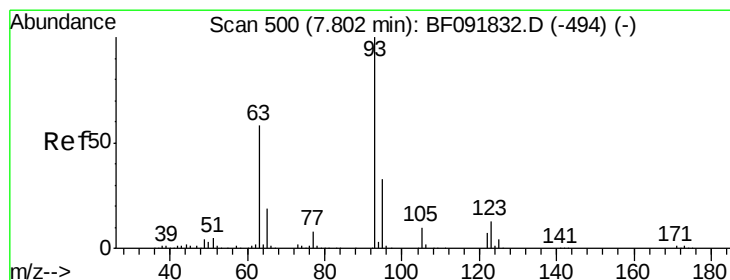
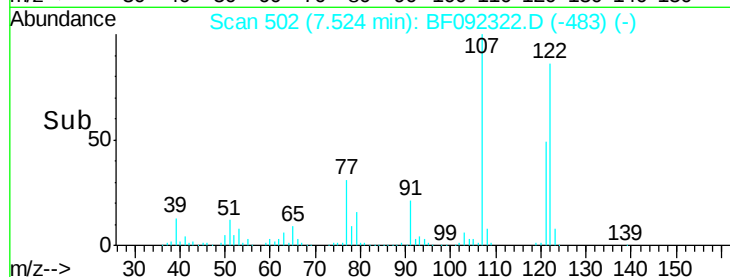
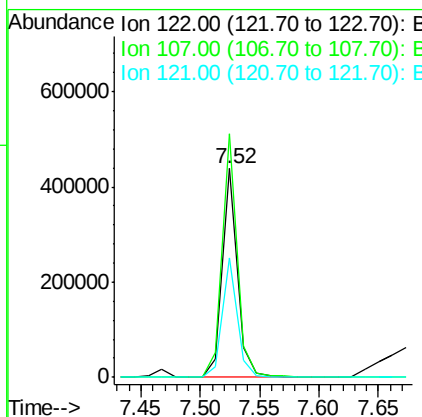
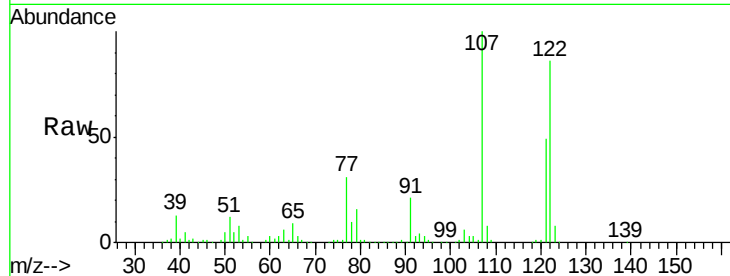




#27
 2,4-Dimethylphenol
 Concen: 37.61 ng
 RT: 7.52 min Scan# 502
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

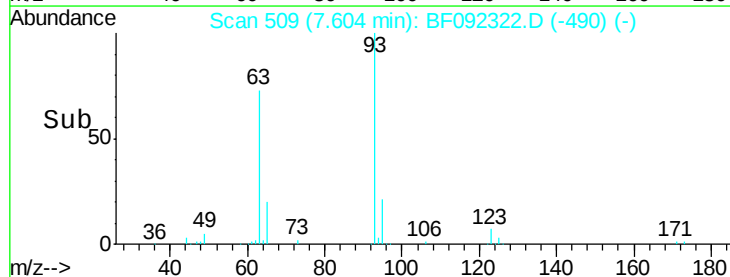
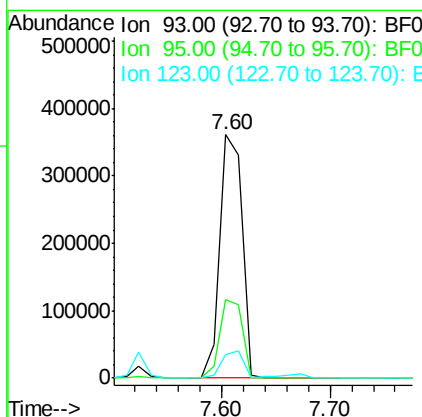
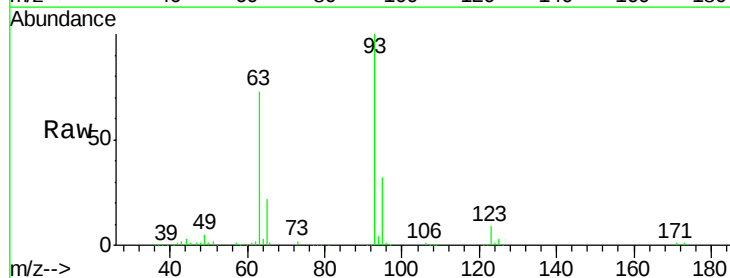
Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

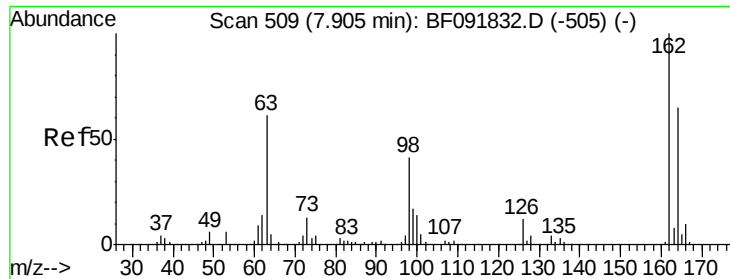
Tgt Ion: 122 Resp: 381578
 Ion Ratio Lower Upper
 122 100
 107 116.5 94.1 141.1
 121 57.2 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.63 ng
 RT: 7.60 min Scan# 509
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion: 93 Resp: 516418
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 9.4 8.6 13.0

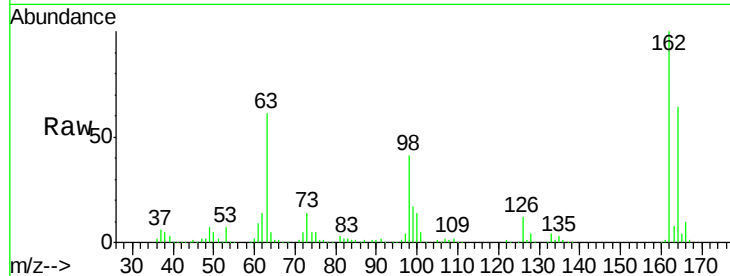




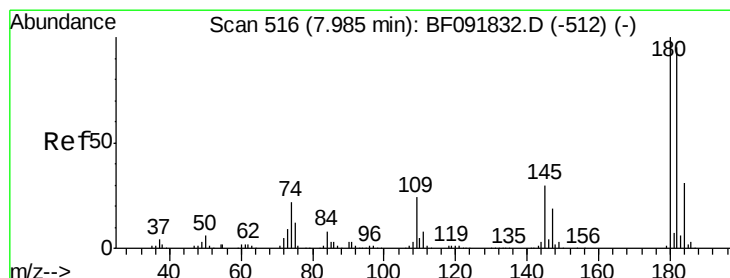
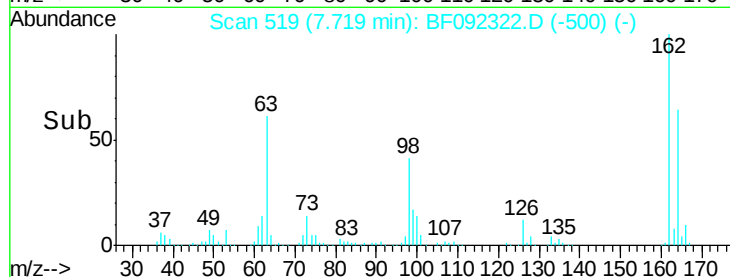
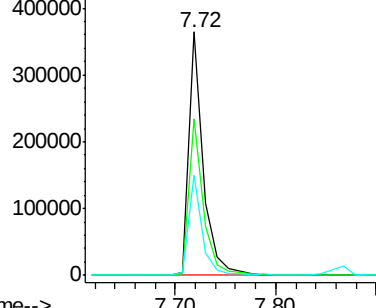
#29
2,4-Dichlorophenol
Concen: 42.11 ng
RT: 7.72 min Scan# 519
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

Tgt Ion:162 Resp: 361820
Ion Ratio Lower Upper
162 100
164 64.1 46.8 86.8
98 41.3 9.1 49.1

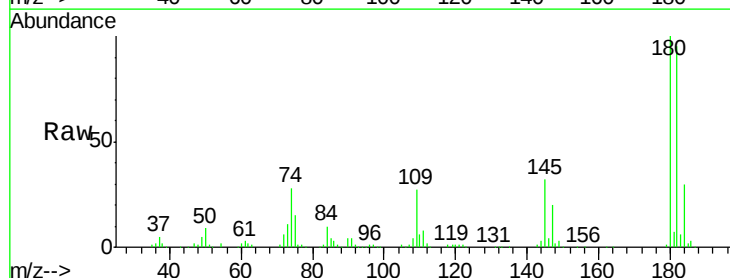


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

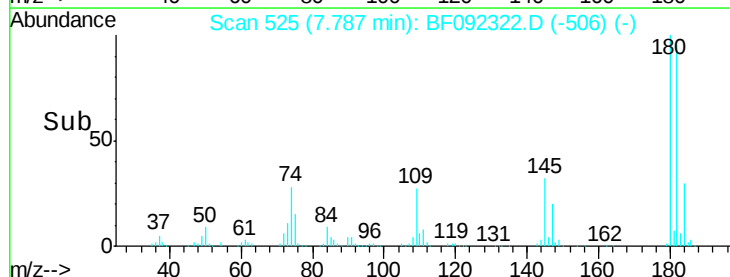
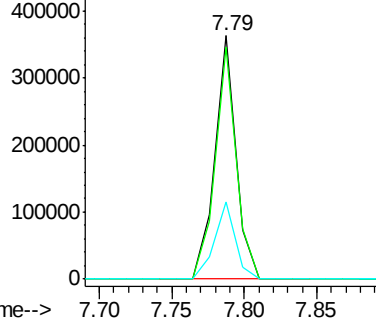


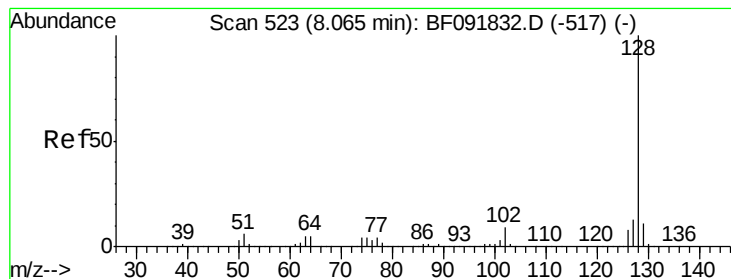
#30
1,2,4-Trichlorobenzene
Concen: 39.01 ng
RT: 7.79 min Scan# 525
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion:180 Resp: 367282
Ion Ratio Lower Upper
180 100
182 95.4 78.2 117.4
145 31.6 21.6 32.4



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





#31

Naphthalene

Concen: 41.77 ng

RT: 7.87 min Scan# 532

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

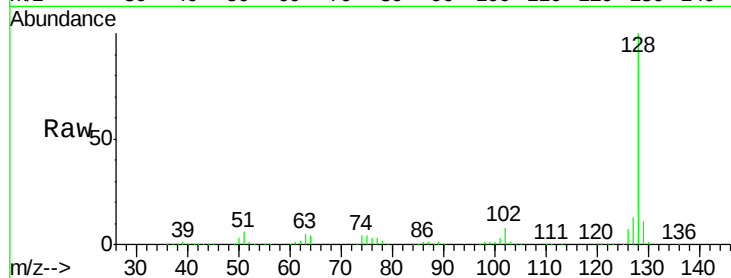
Tgt Ion:128 Resp: 1238106

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

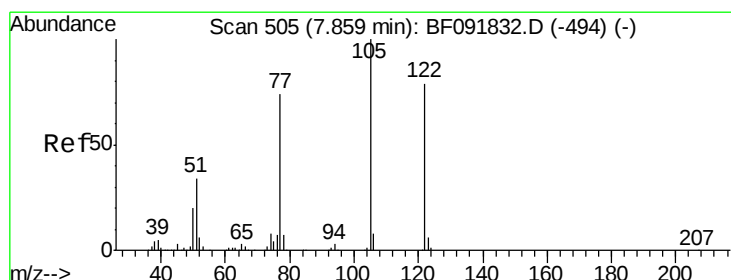
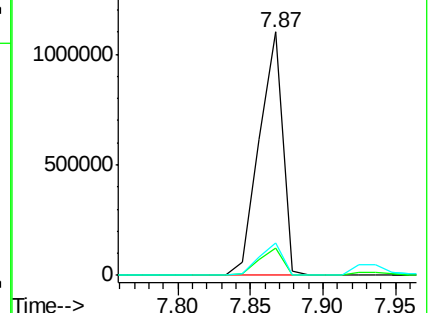
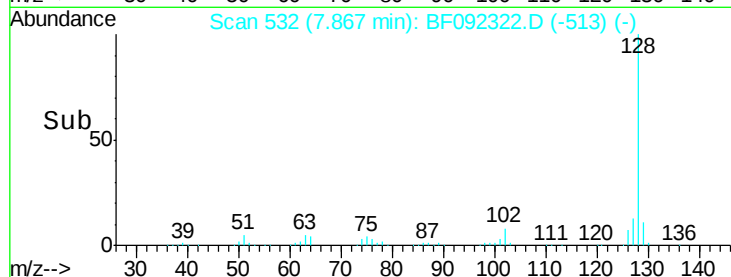
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.22 ng

RT: 7.67 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

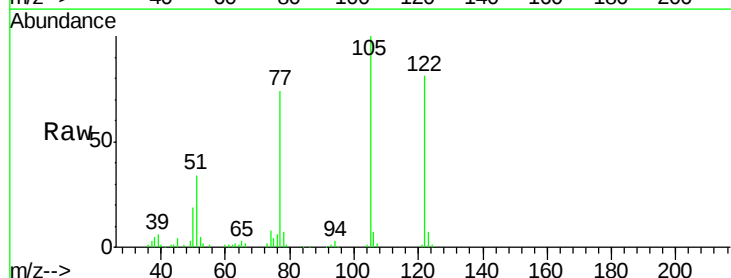
Tgt Ion:122 Resp: 137093

Ion Ratio Lower Upper

122 100

105 124.0 107.2 147.2

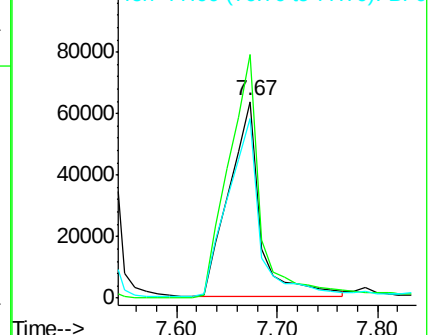
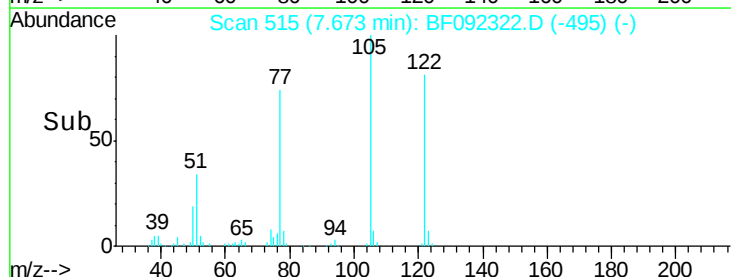
77 91.8 74.5 114.5

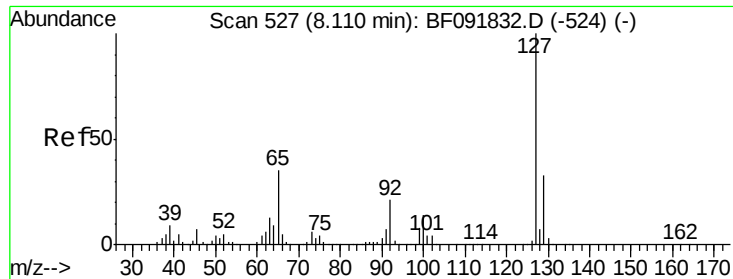


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

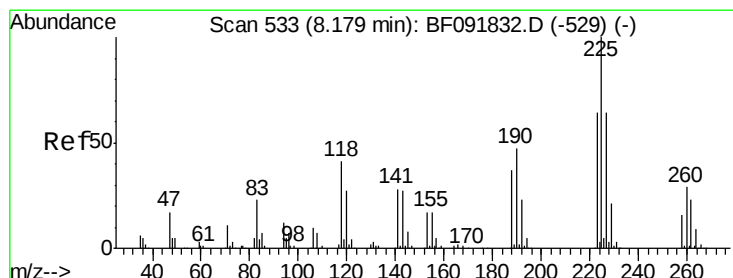
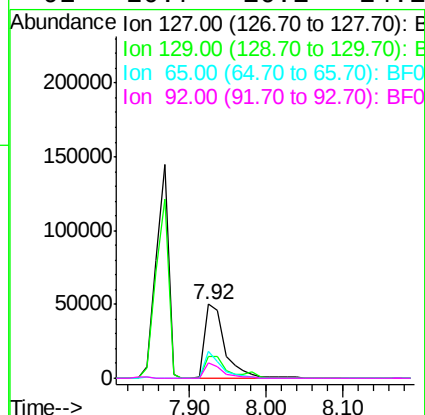
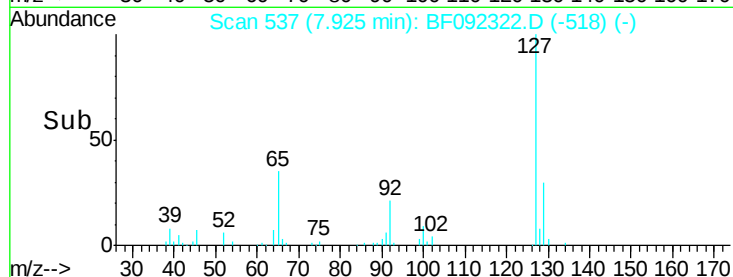
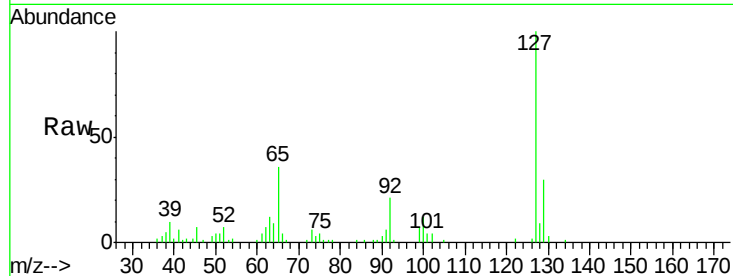




#33
4-Chloroaniline
Concen: 6.78 ng
RT: 7.92 min Scan# 537
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

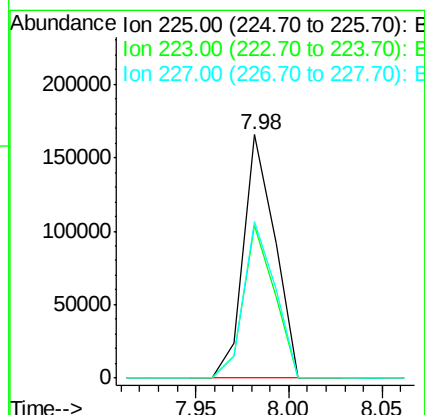
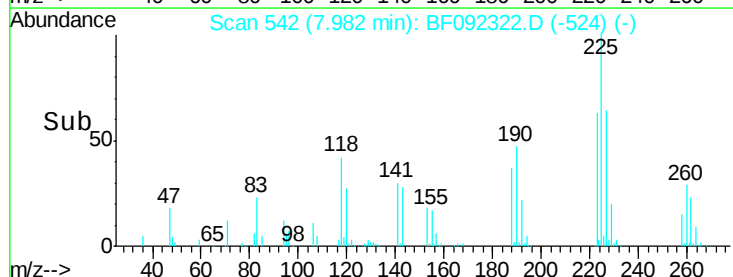
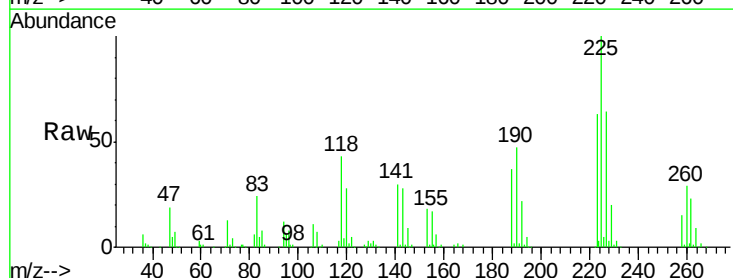
Instrument :
BNA_F
ClientSampleId :
PB96061BS

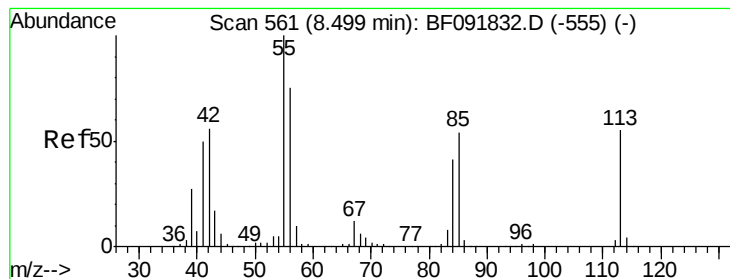
Tgt Ion:	127	Resp:	90667
Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.3	39.5
65	36.0	25.8	38.8
92	20.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.86 ng
RT: 7.98 min Scan# 542
Delta R.T. -0.10 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion:	225	Resp:	193140
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	64.1	50.6	76.0





#35

Caprolactam

Concen: 23.43 ng

RT: 8.30 min Scan# 570

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

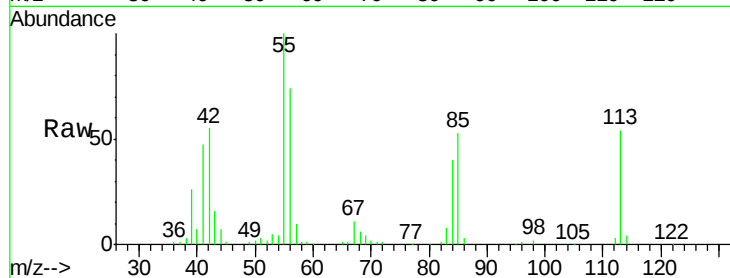
Tgt Ion:113 Resp: 66152

Ion Ratio Lower Upper

113 100

55 183.8 119.2 159.2#

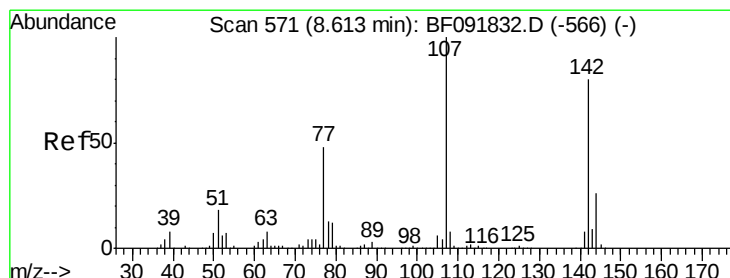
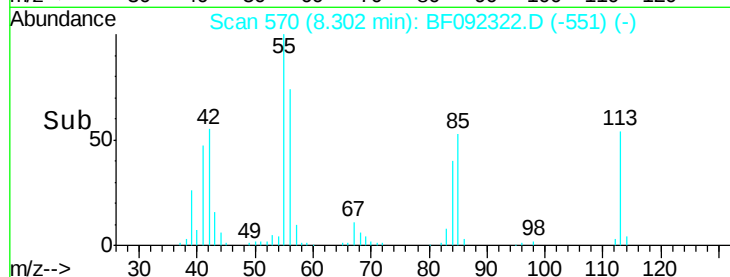
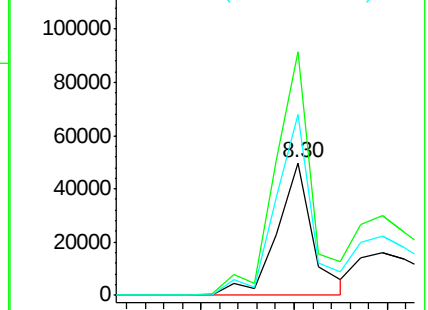
56 136.1 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.68 ng

RT: 8.44 min Scan# 582

Delta R.T. -0.07 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

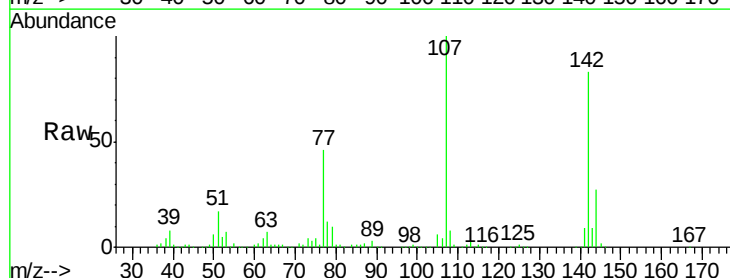
Tgt Ion:107 Resp: 392328

Ion Ratio Lower Upper

107 100

144 27.3 19.3 28.9

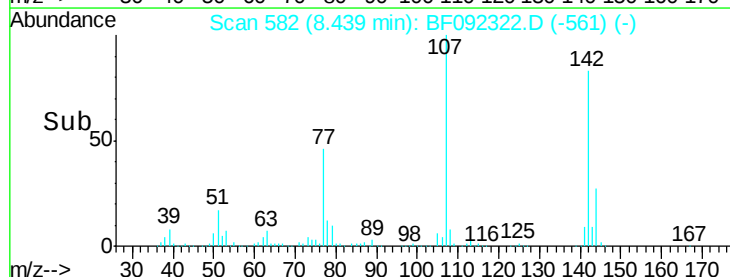
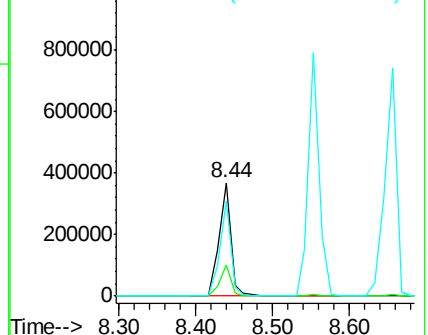
142 83.5 59.0 88.6

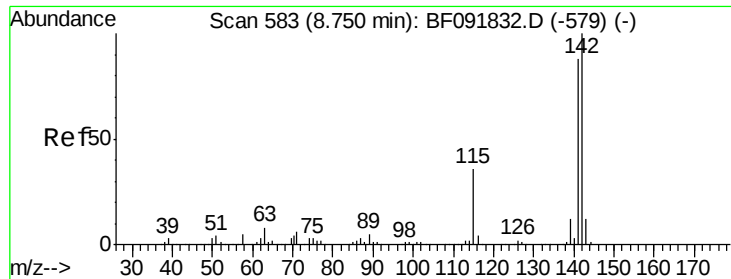


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

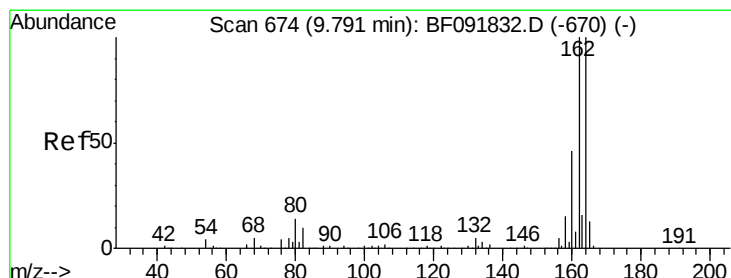
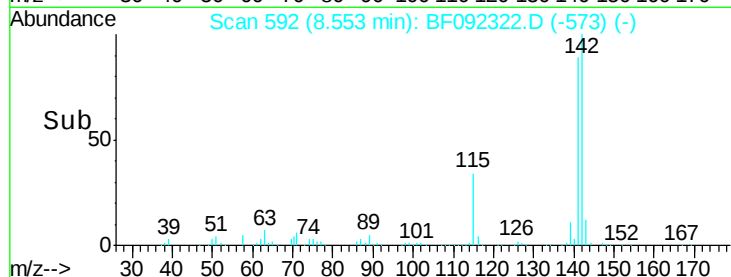
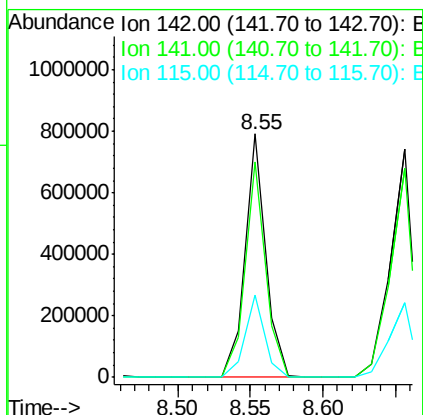
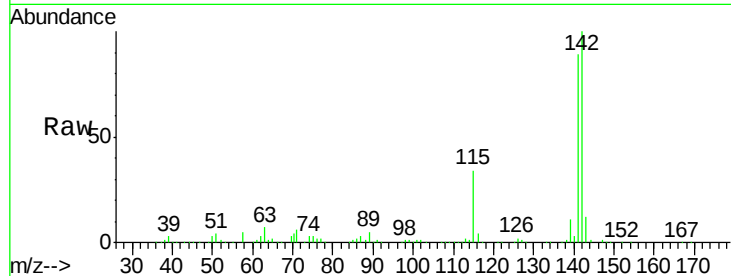




#37
 2-Methylnaphthalene
 Concen: 42.82 ng
 RT: 8.55 min Scan# 592
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

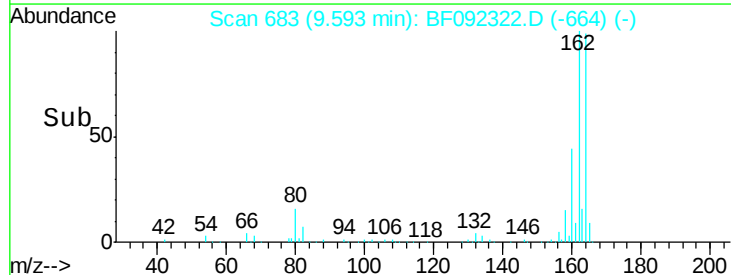
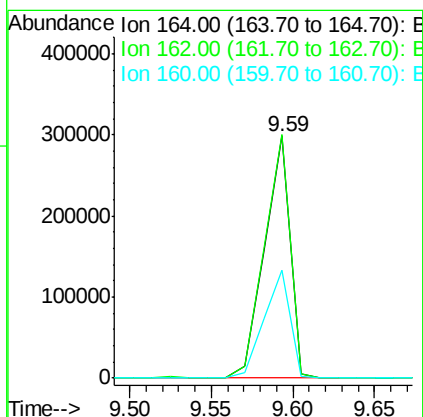
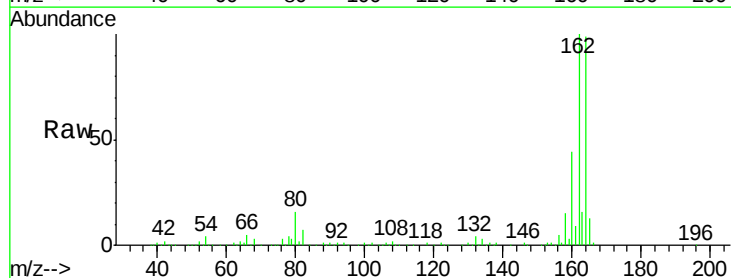
Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

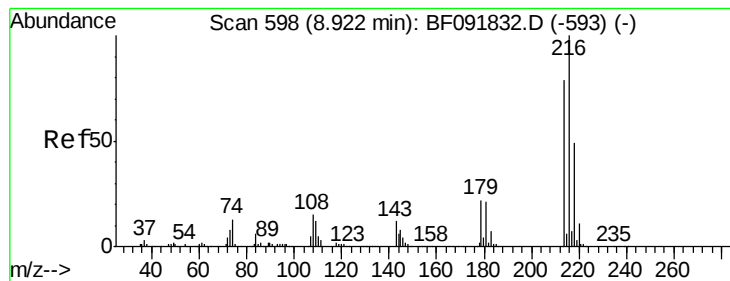
Tgt Ion:142 Resp: 782708
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.0 106.6
 115 33.8 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion:164 Resp: 326636
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.2 120.2
 160 44.6 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.17 ng

RT: 8.72 min Scan# 607

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

Tgt Ion:216 Resp: 348005

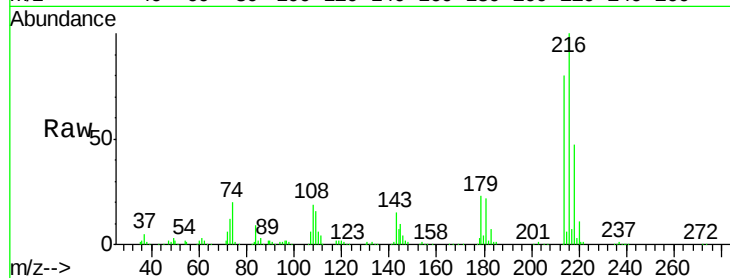
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 22.6 17.4 26.2

108 22.0 15.6 23.4

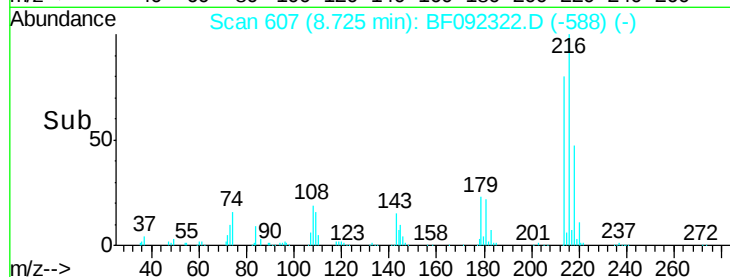


Abundance Ion 216.00 (215.70 to 216.70): E

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



Abundance

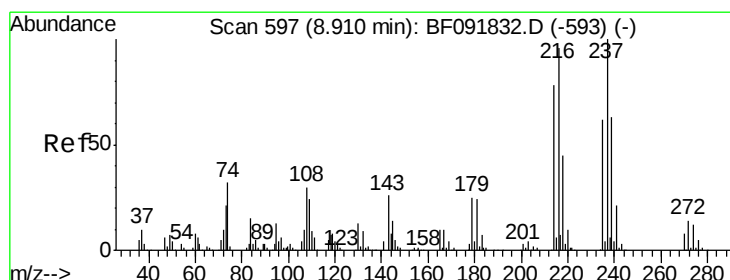
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->



#40

Hexachlorocyclopentadiene

Concen: 65.36 ng

RT: 8.71 min Scan# 606

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

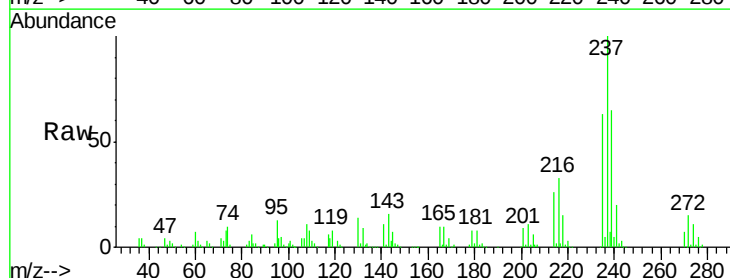
Tgt Ion:237 Resp: 237393

Ion Ratio Lower Upper

237 100

235 62.8 41.2 81.2

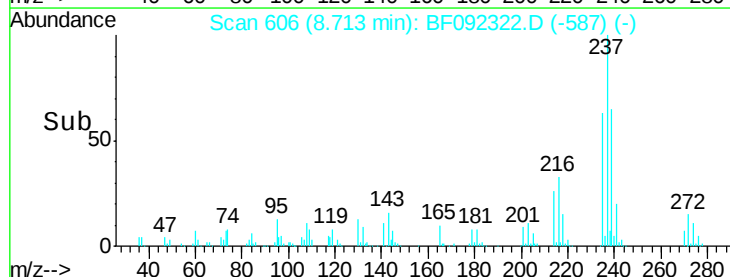
272 14.6 0.0 35.4



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



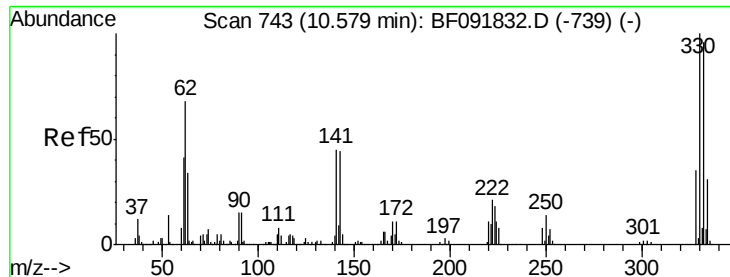
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

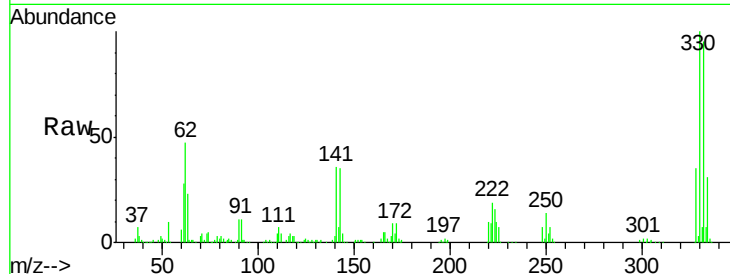
Time-->



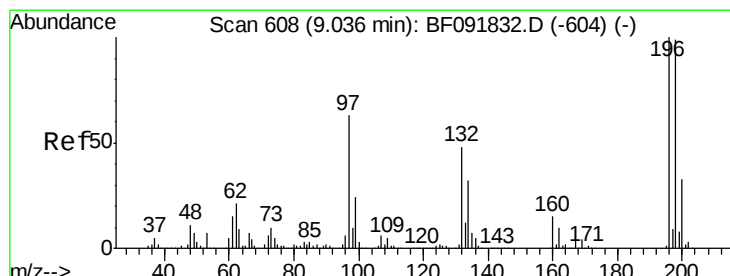
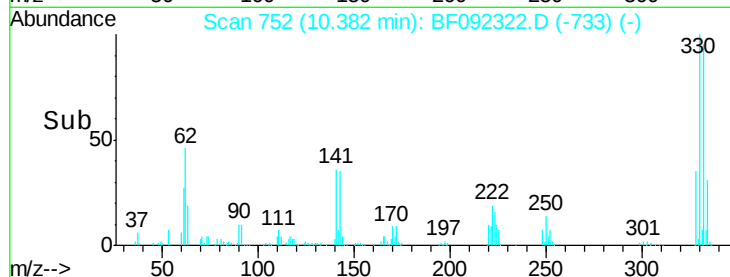
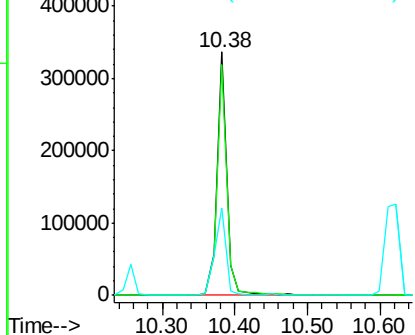
#41
 2,4,6-Tribromophenol
 Concen: 117.81 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Tgt Ion:330 Resp: 318448
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 40.7 34.1 51.1

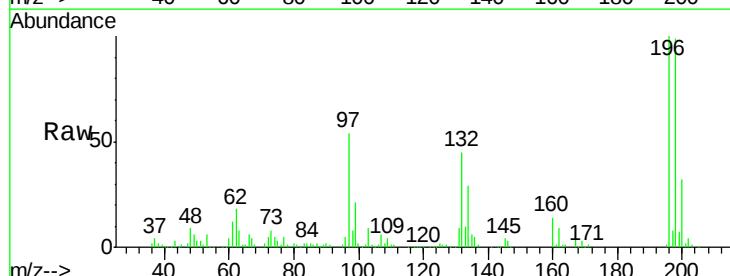


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

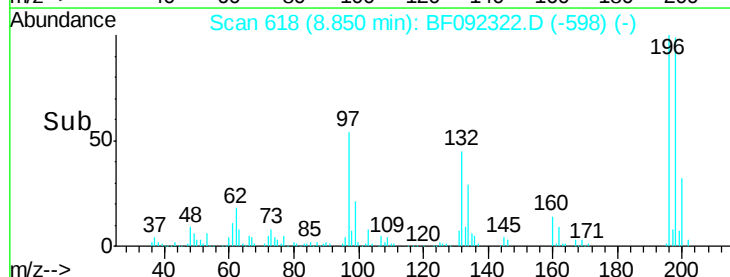
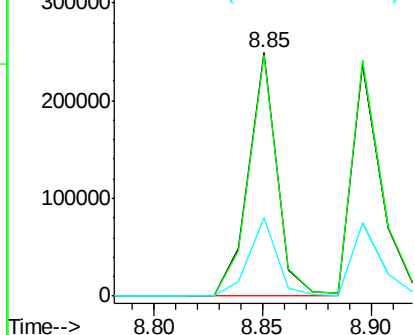


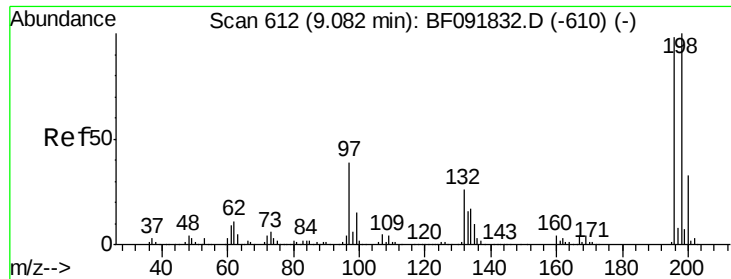
#42
 2,4,6-Trichlorophenol
 Concen: 39.42 ng
 RT: 8.85 min Scan# 618
 Delta R.T. -0.08 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion:196 Resp: 227519
 Ion Ratio Lower Upper
 196 100
 198 99.1 82.1 123.1
 200 32.0 27.0 40.4



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

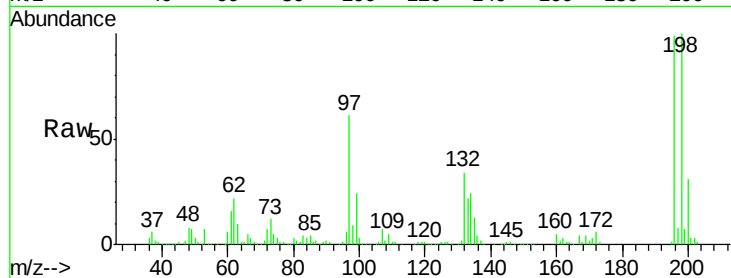




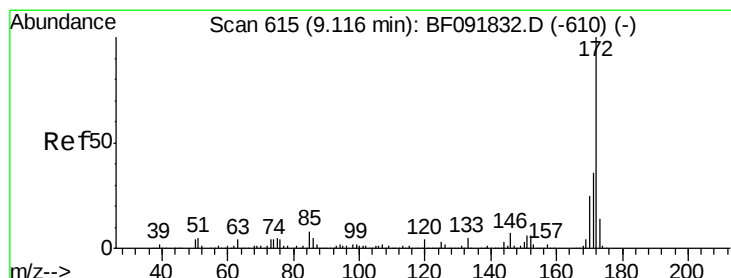
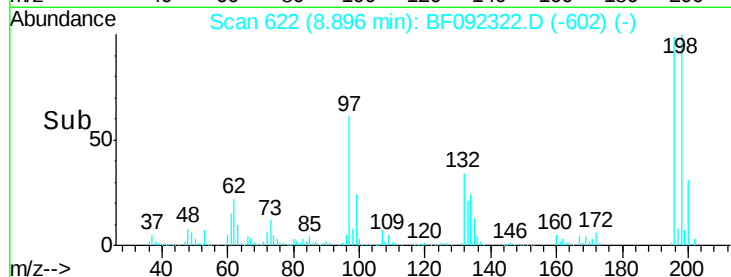
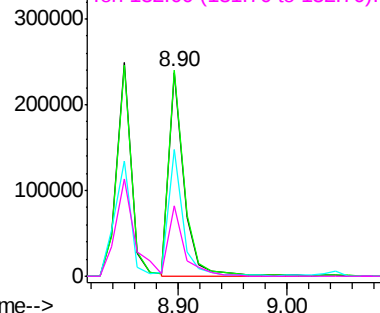
#43
 2,4,5-Trichlorophenol
 Concen: 38.73 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.08 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.2	79.4	119.2
97	62.1	51.5	77.3
132	34.7	27.4	41.2

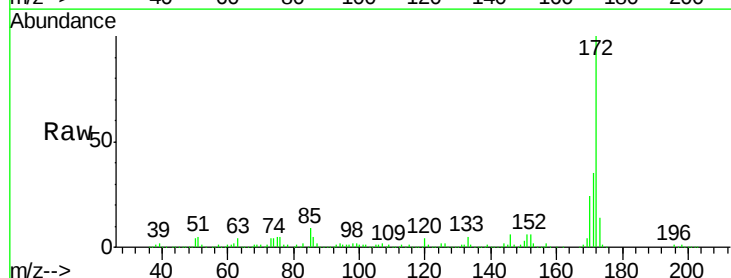


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

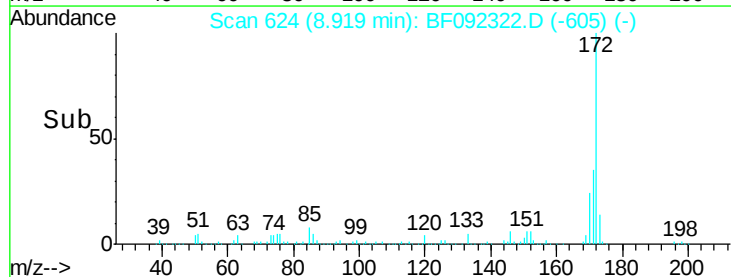
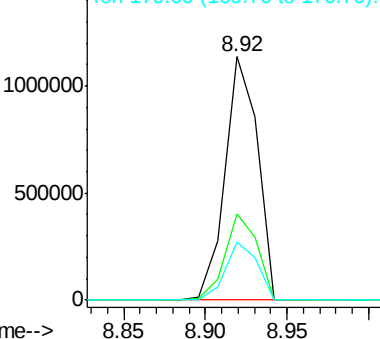


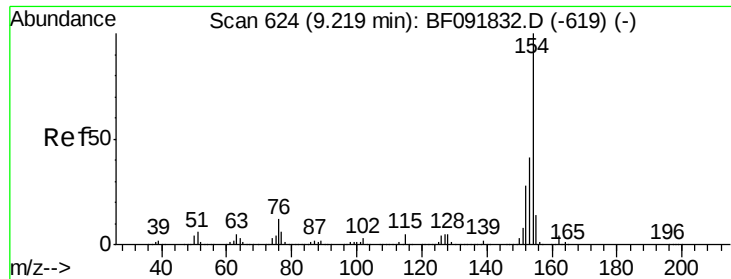
#44
 2-Fluorobiphenyl
 Concen: 101.03 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.8	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

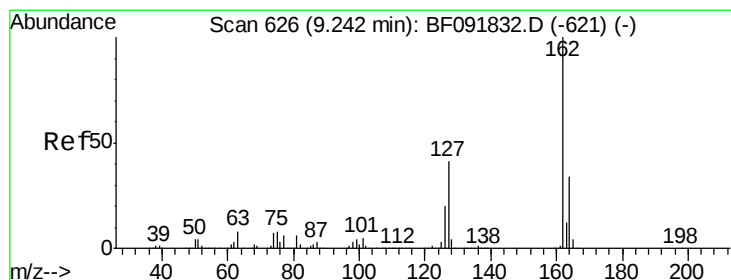
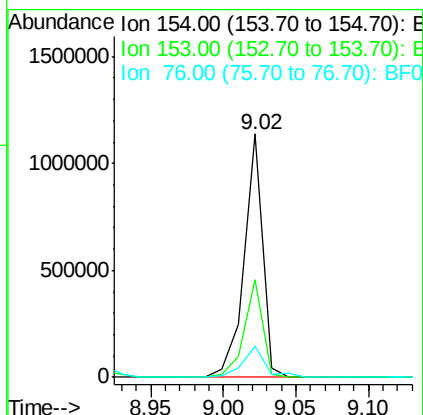
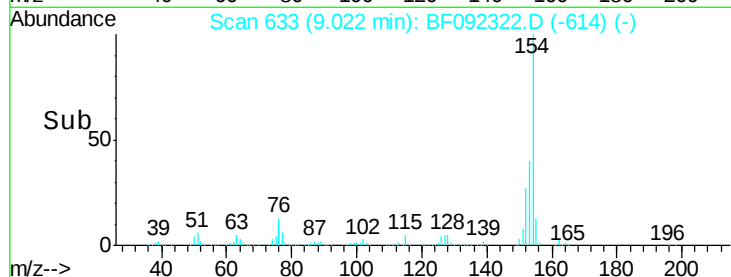
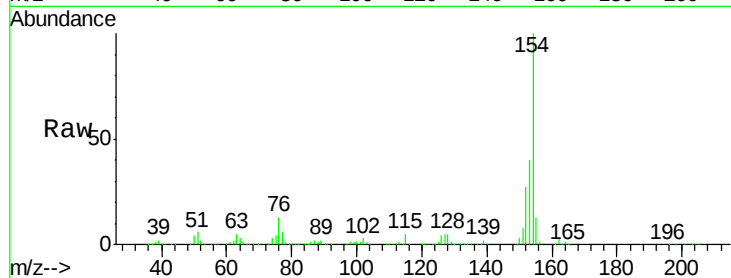




#45
 1,1'-Biphenyl
 Concen: 45.06 ng
 RT: 9.02 min Scan# 633
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

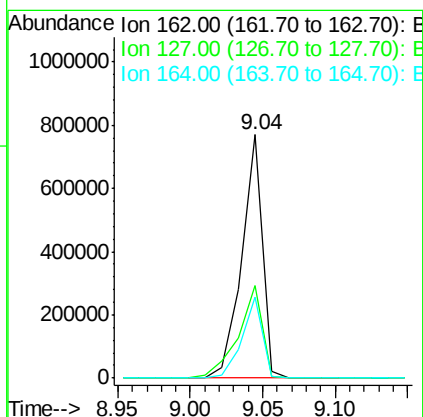
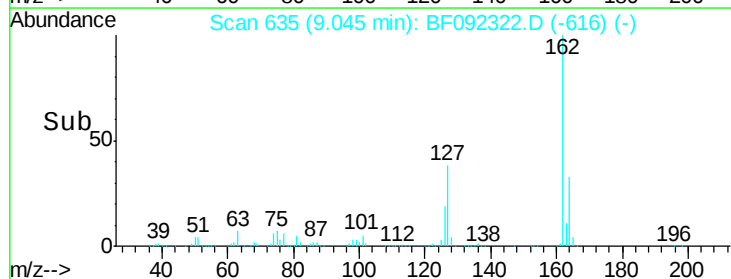
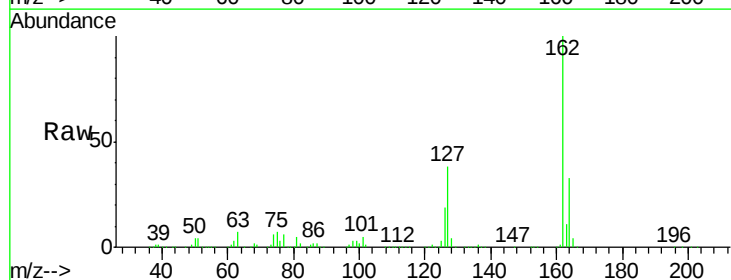
Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

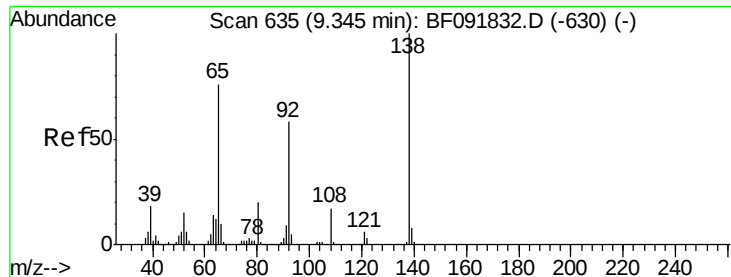
Tgt Ion:154 Resp: 1007806
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.9 60.9
 76 12.7 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 42.87 ng
 RT: 9.04 min Scan# 635
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion:162 Resp: 759244
 Ion Ratio Lower Upper
 162 100
 127 38.1 30.7 46.1
 164 33.1 27.6 41.4





#47

2-Nitroaniline

Concen: 35.64 ng

RT: 9.15 min Scan# 644

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

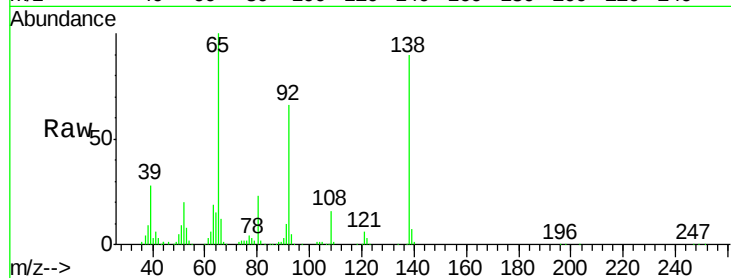
Tgt Ion: 65 Resp: 224748

Ion Ratio Lower Upper

65 100

92 65.5 53.9 80.9

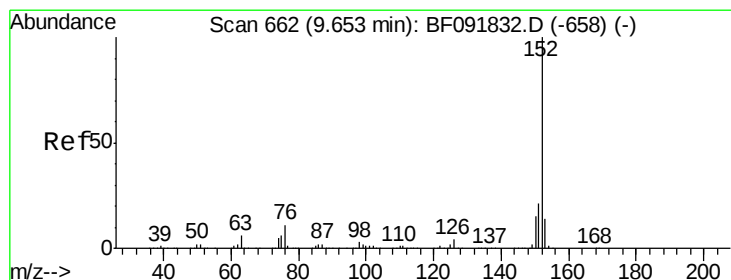
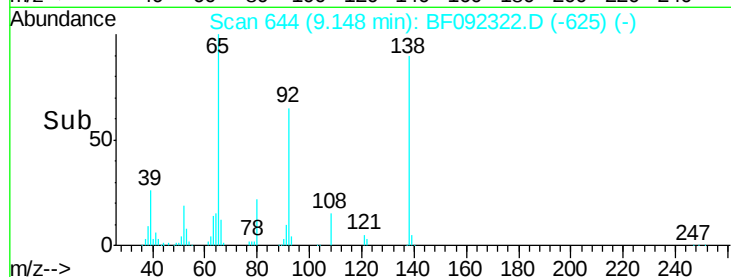
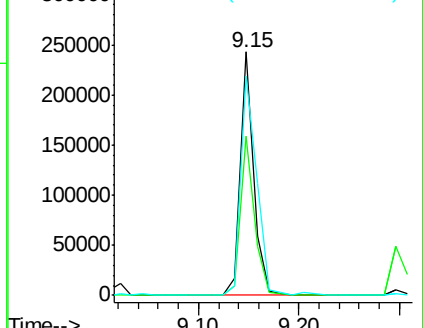
138 90.0 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.36 ng

RT: 9.46 min Scan# 671

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

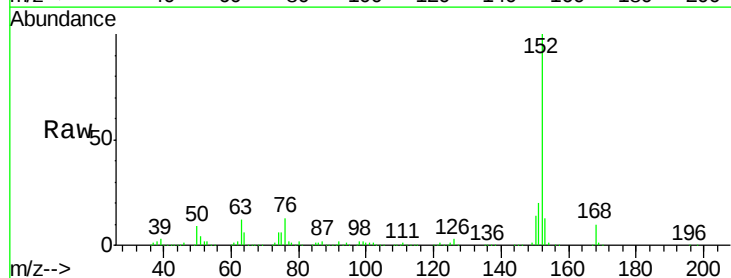
Tgt Ion: 152 Resp: 1126509

Ion Ratio Lower Upper

152 100

151 19.8 16.9 25.3

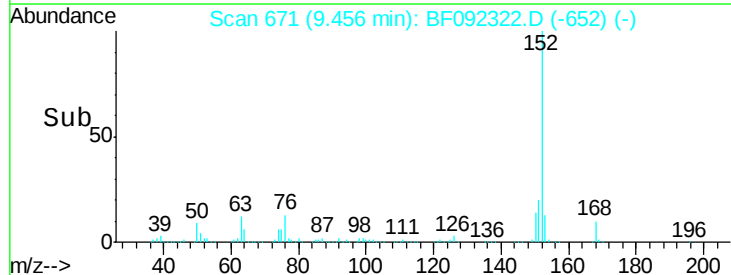
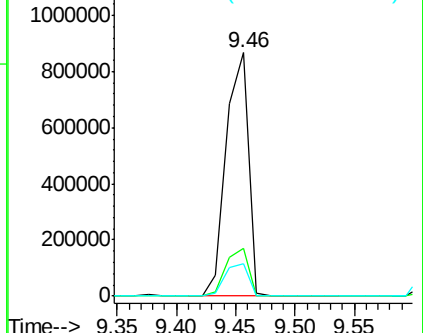
153 13.3 11.4 17.2

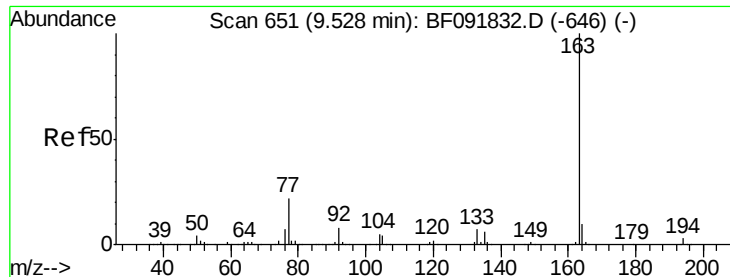


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

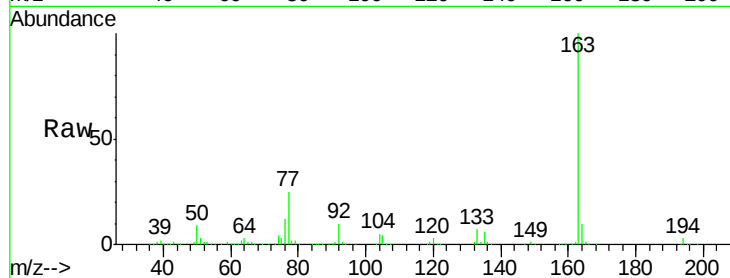




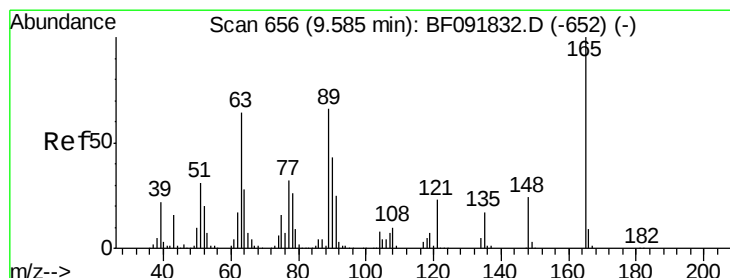
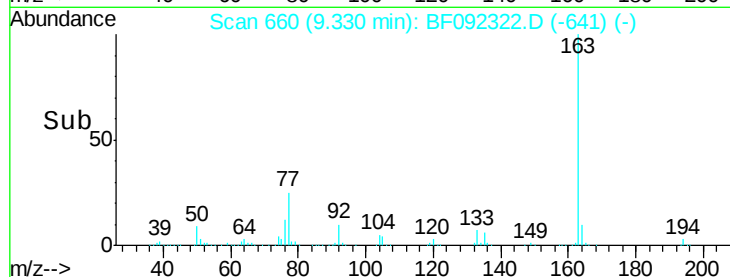
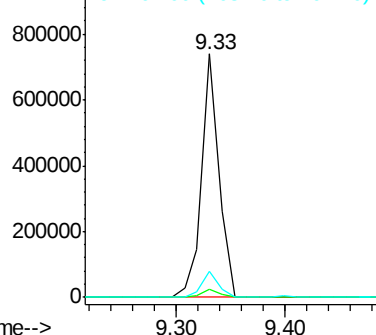
#49
Dimethylphthalate
Concen: 38.67 ng
RT: 9.33 min Scan# 660
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

Tgt Ion:163 Resp: 807880
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.4 8.0 12.0

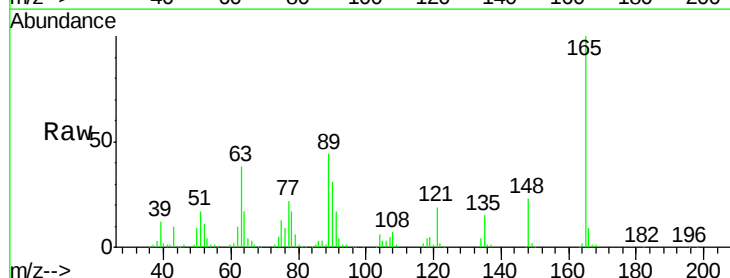


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

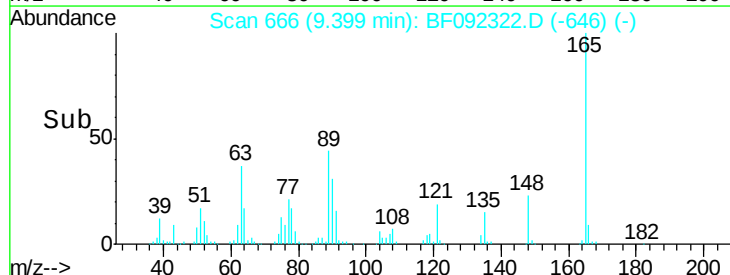
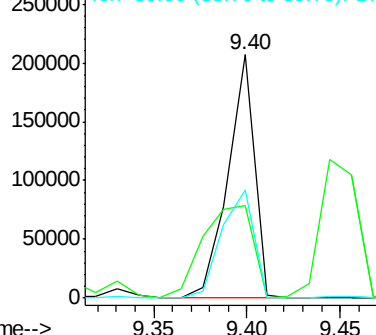


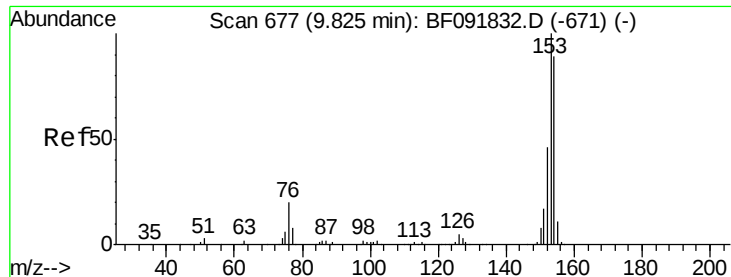
#50
2,6-Dinitrotoluene
Concen: 44.53 ng
RT: 9.40 min Scan# 666
Delta R.T. -0.08 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion:165 Resp: 203601
Ion Ratio Lower Upper
165 100
63 37.9 36.2 54.4
89 44.3 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.44 ng

RT: 9.63 min Scan# 686

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

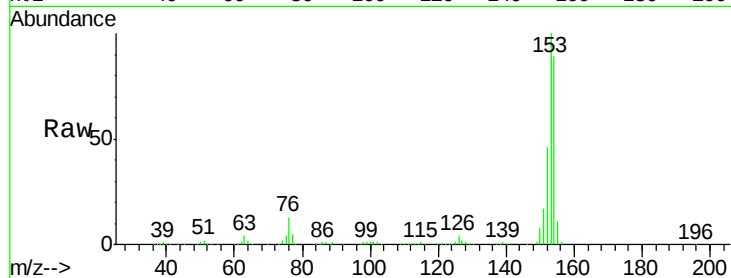
Tgt Ion:154 Resp: 709900

Ion Ratio Lower Upper

154 100

153 111.8 88.6 133.0

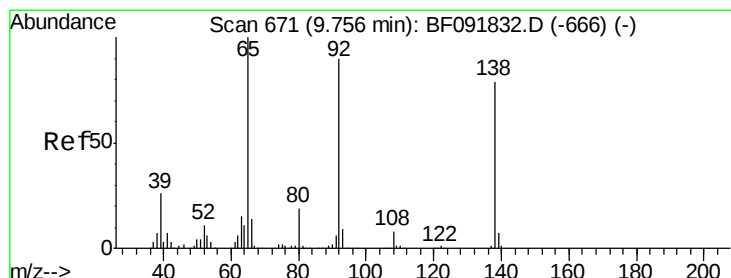
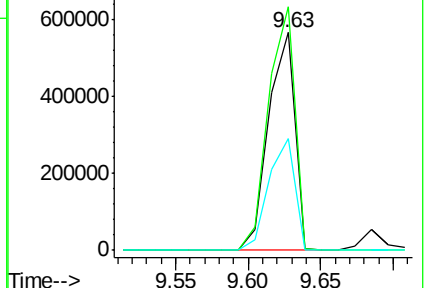
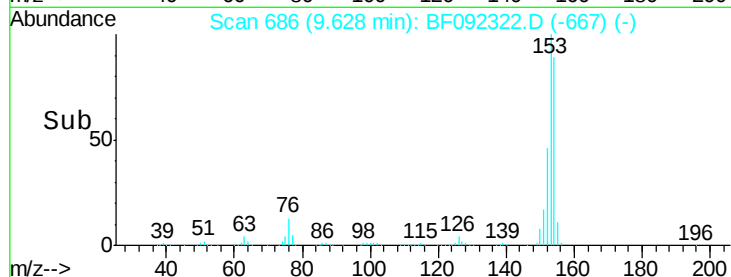
152 51.3 41.6 62.4



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: 12.81 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

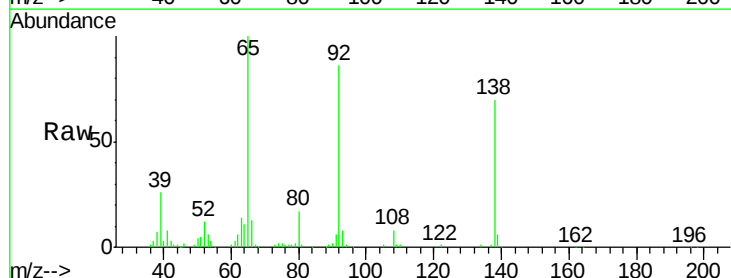
Tgt Ion:138 Resp: 72475

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

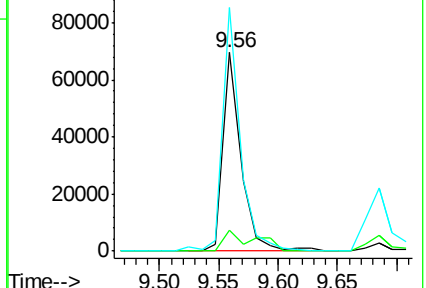
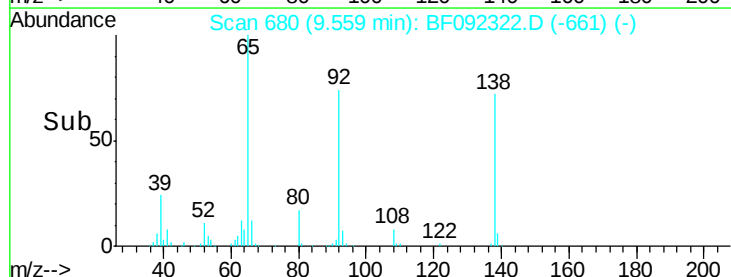
92 122.7 97.8 146.8

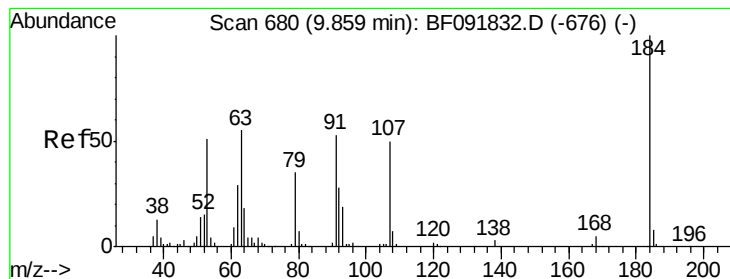


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 44.47 ng

RT: 9.68 min Scan# 691

Delta R.T. -0.08 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

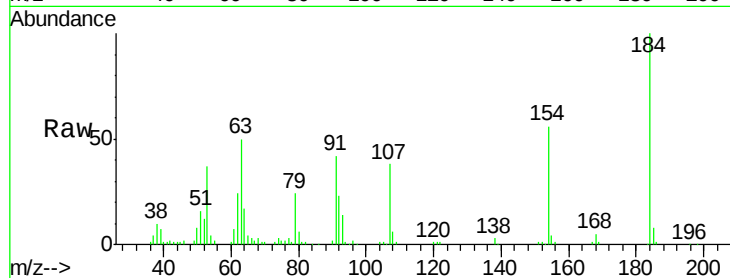
Tgt Ion:184 Resp: 113135

Ion Ratio Lower Upper

184 100

63 49.8 28.4 42.6#

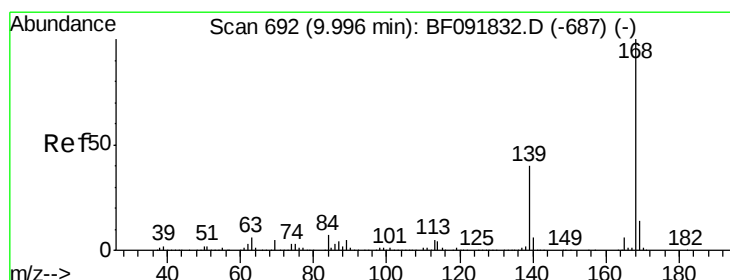
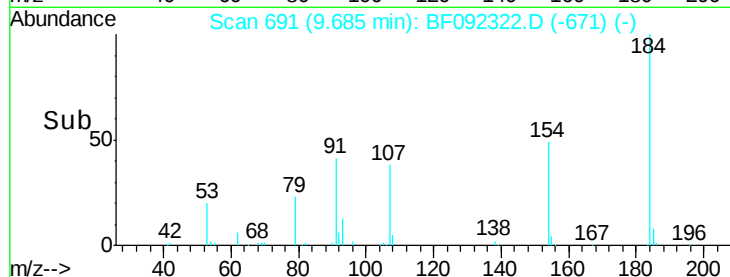
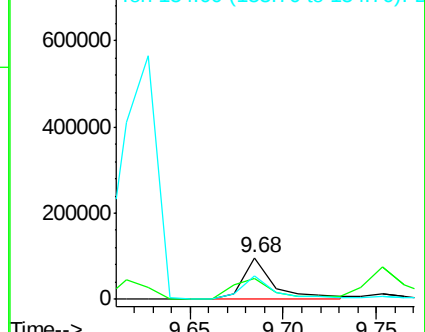
154 55.8 44.3 66.5



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: 41.65 ng

RT: 9.80 min Scan# 701

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

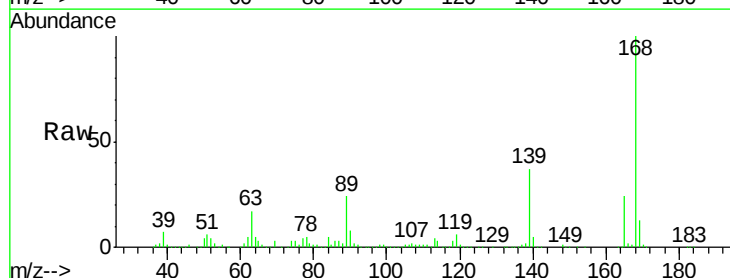
Tgt Ion:168 Resp: 1038826

Ion Ratio Lower Upper

168 100

139 36.5 32.6 49.0

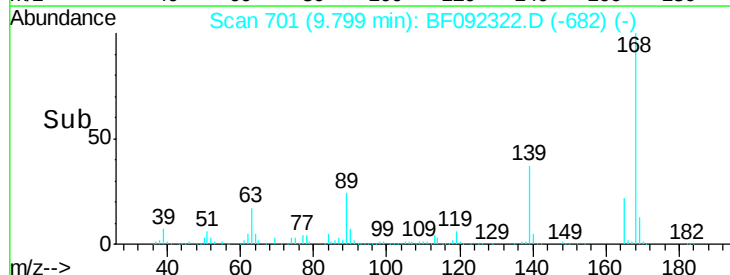
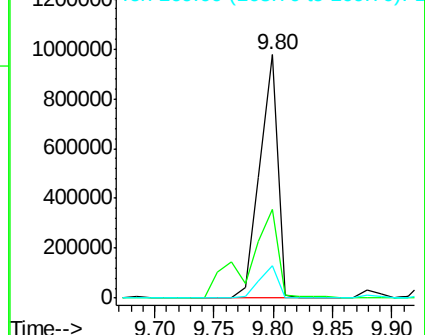
169 13.1 11.3 16.9

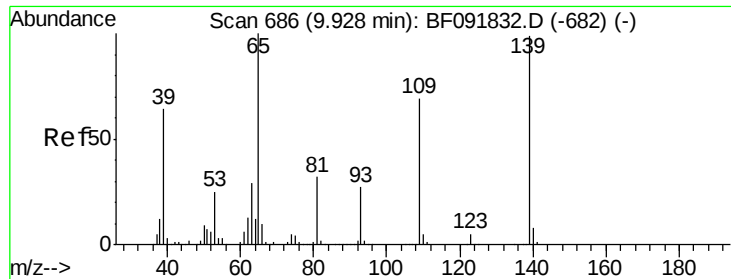


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

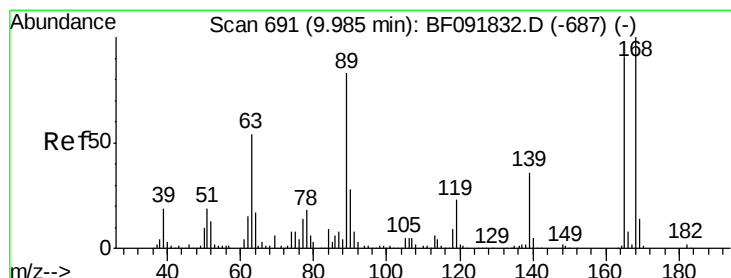
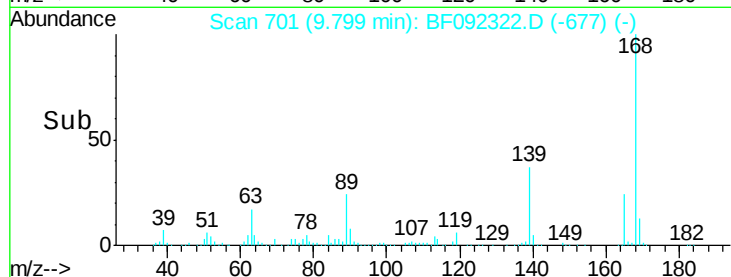
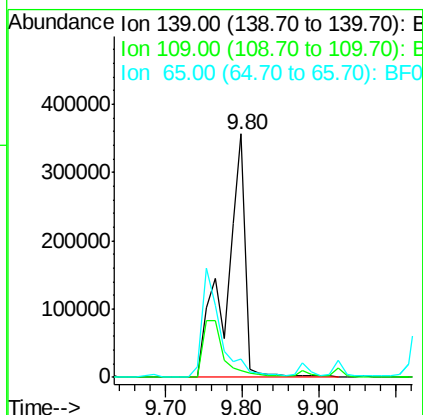
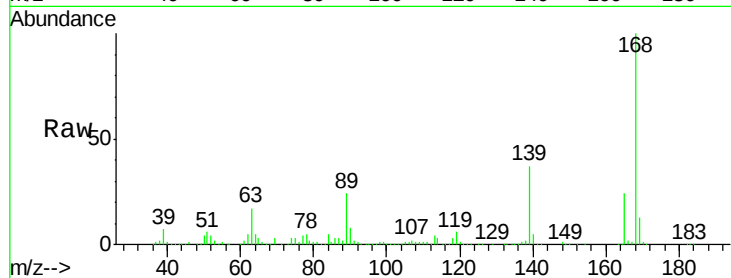




#55
4-Nitrophenol
Concen: 166.11 ng
RT: 9.80 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

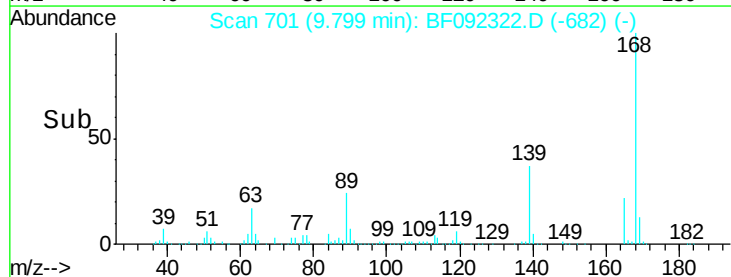
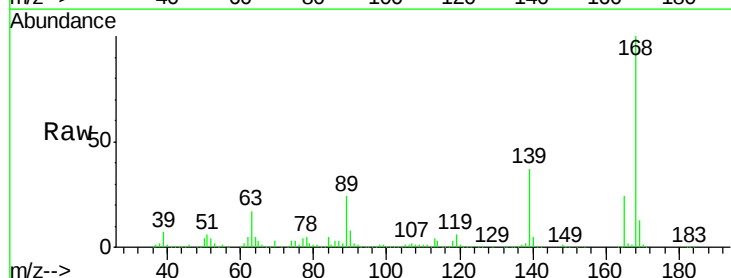
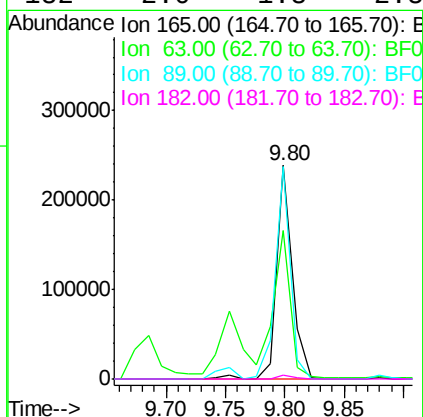
Instrument :
BNA_F
ClientSampleId :
PB96061BS

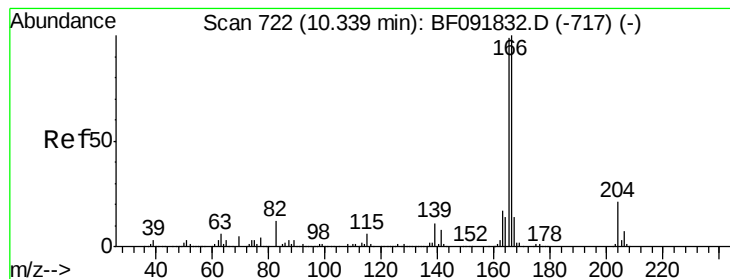
Tgt Ion:139 Resp: 638224
Ion Ratio Lower Upper
139 100
109 2.7 52.2 92.2#
65 7.4 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 38.27 ng
RT: 9.80 min Scan# 701
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion:165 Resp: 219613
Ion Ratio Lower Upper
165 100
63 69.5 40.2 60.4#
89 99.7 62.5 93.7#
182 2.0 1.8 2.8





#57

Fluorene

Concen: 41.98 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

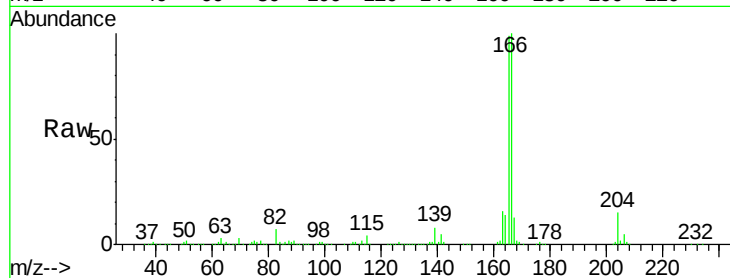
Tgt Ion:166 Resp: 761667

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

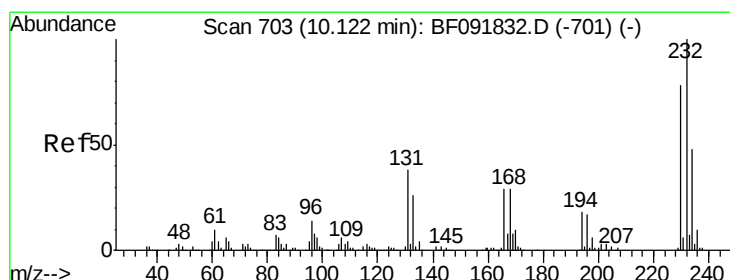
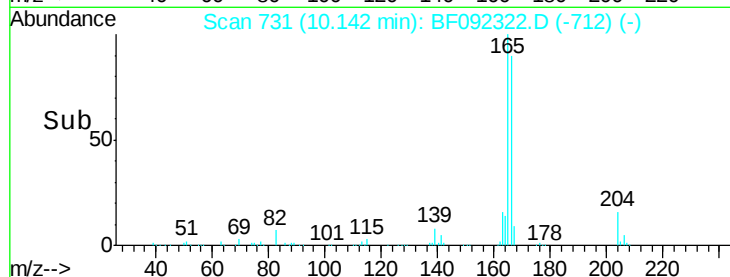
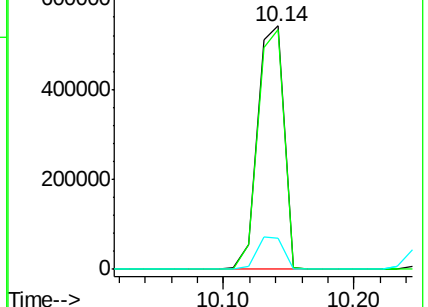
167 12.8 10.8 16.2



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: 39.27 ng

RT: 9.92 min Scan# 712

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Tgt Ion:232 Resp: 184499

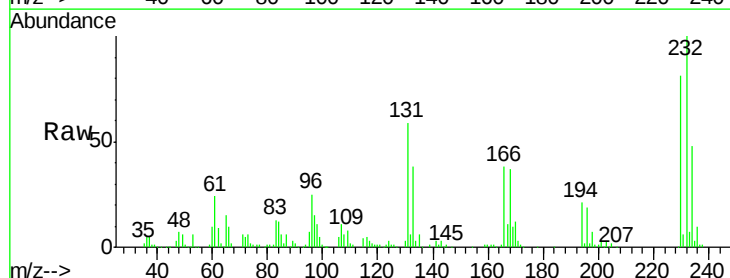
Ion Ratio Lower Upper

232 100

131 51.6 40.1 60.1

130 2.2 1.8 2.8

166 32.8 26.6 39.8

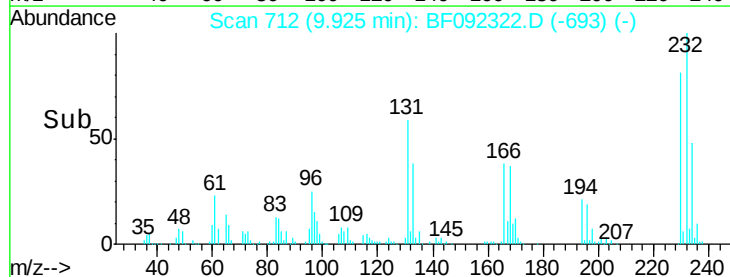
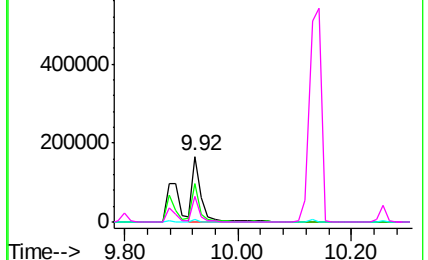


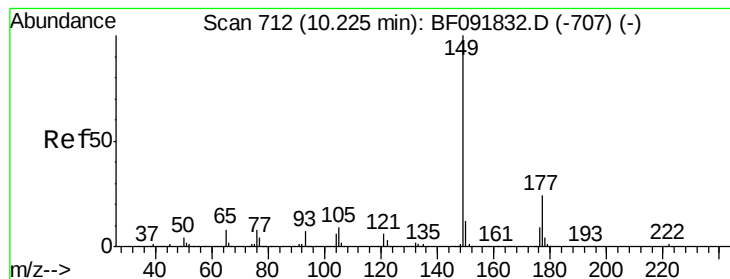
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.35 ng

RT: 10.03 min Scan# 721

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

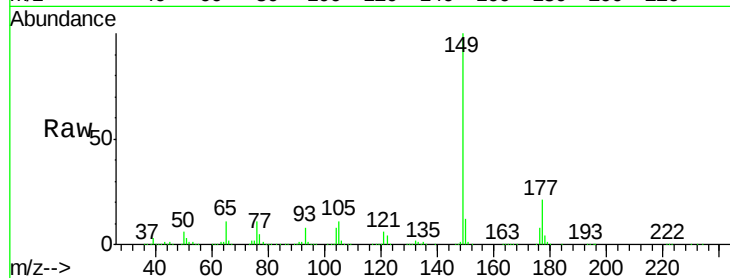
Tgt Ion:149 Resp: 798312

Ion Ratio Lower Upper

149 100

177 20.7 16.6 25.0

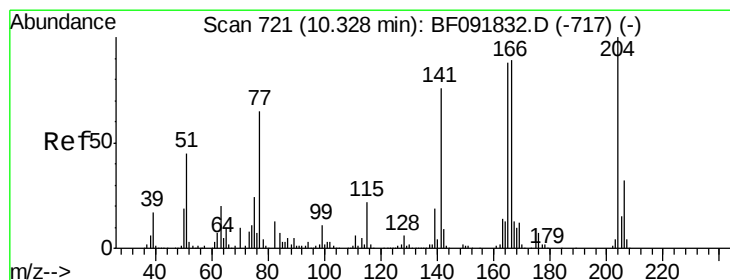
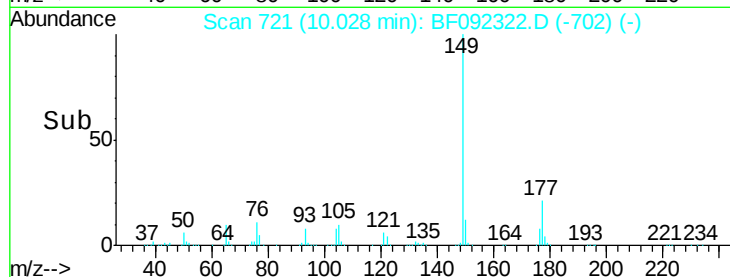
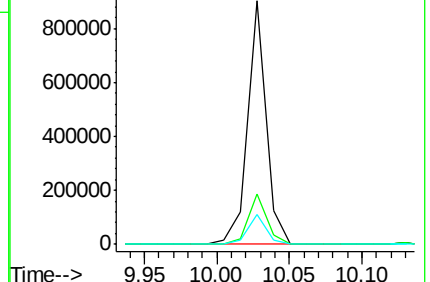
150 12.4 10.4 15.6



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: 40.90 ng

RT: 10.13 min Scan# 730

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

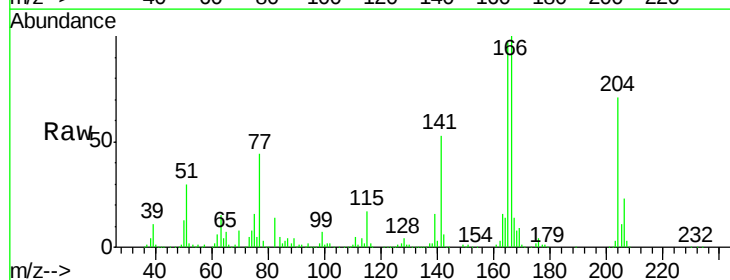
Tgt Ion:204 Resp: 324932

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

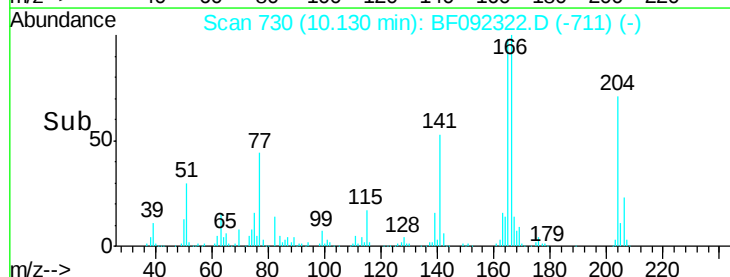
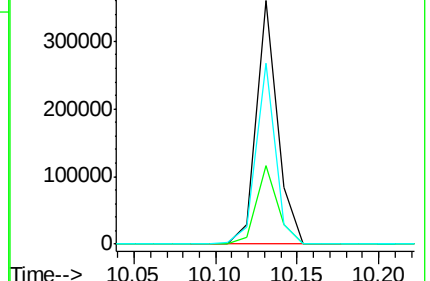
141 74.3 59.4 89.0

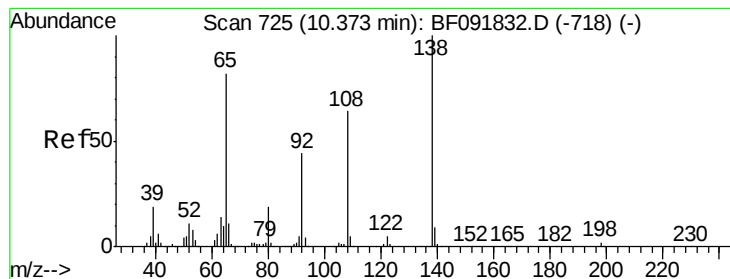


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.99 ng

RT: 10.18 min Scan# 734

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

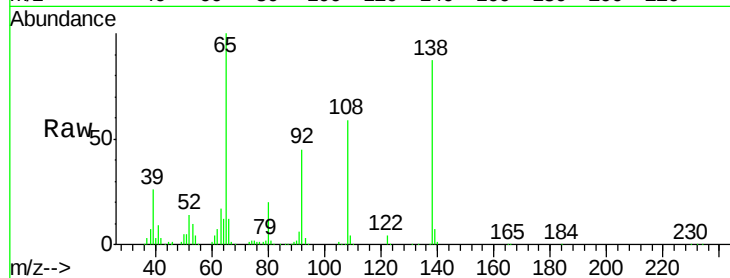
Tgt Ion:138 Resp: 199313

Ion Ratio Lower Upper

138 100

92 51.8 31.7 71.7

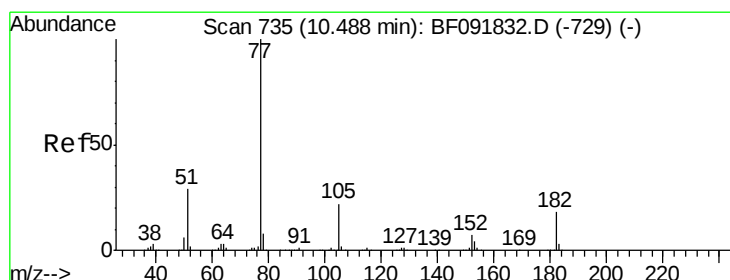
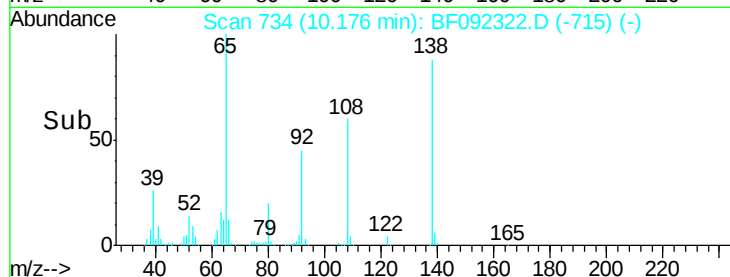
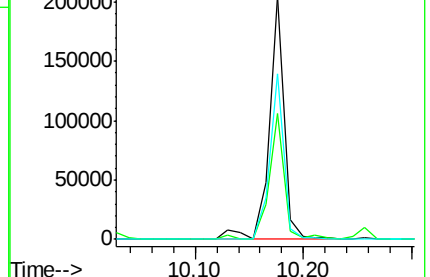
108 68.2 52.6 92.6



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: 43.46 ng

RT: 10.29 min Scan# 744

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Tgt Ion: 77 Resp: 970809

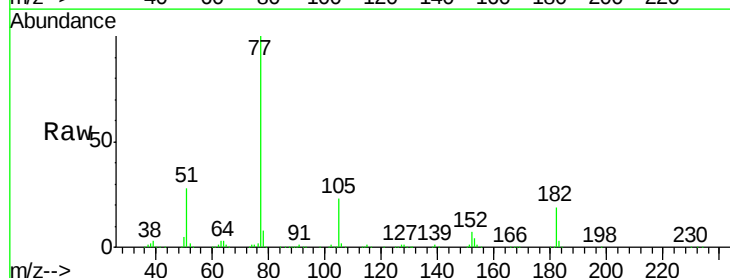
Ion Ratio Lower Upper

77 100

182 19.0 0.0 39.3

105 22.8 2.3 42.3

51 27.8 8.9 48.9

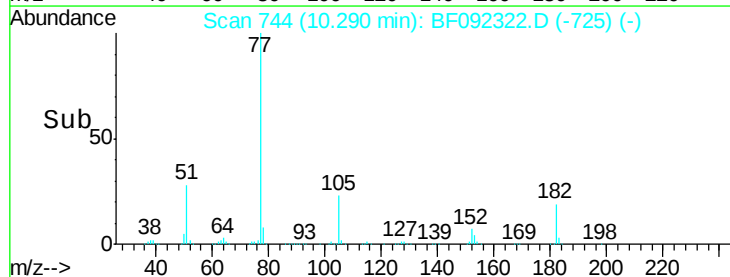
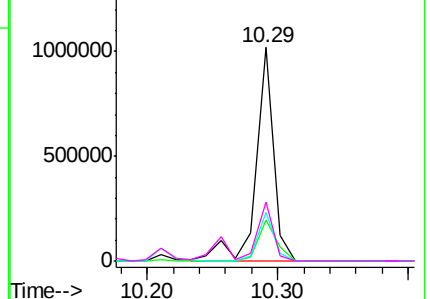


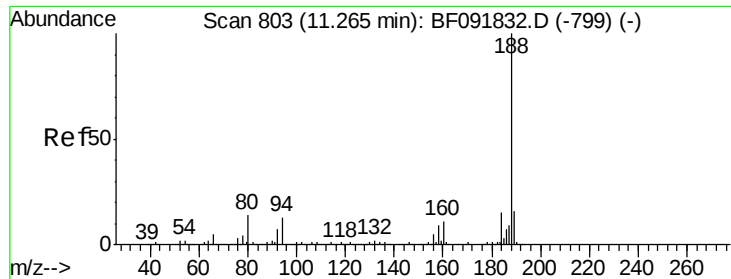
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

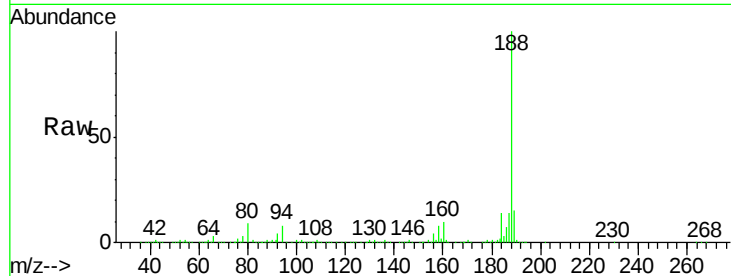




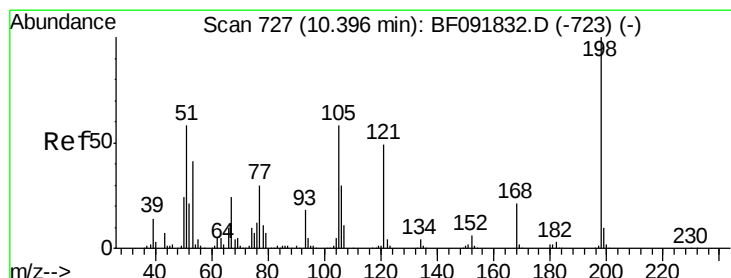
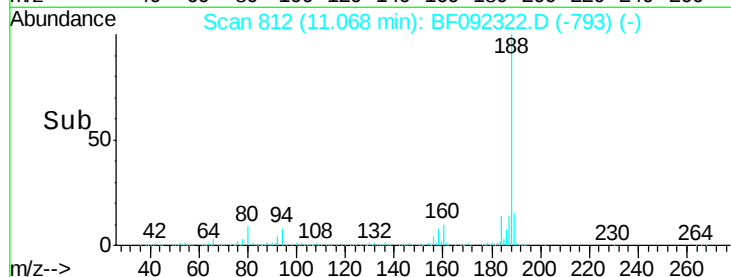
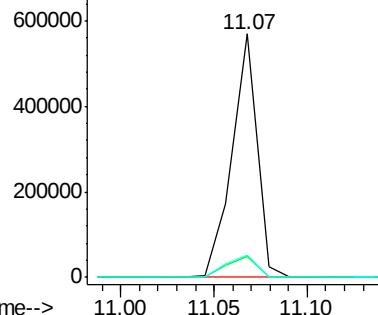
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

Tgt Ion:188 Resp: 528875
Ion Ratio Lower Upper
188 100
94 8.5 10.0 15.0#
80 9.1 11.2 16.8#

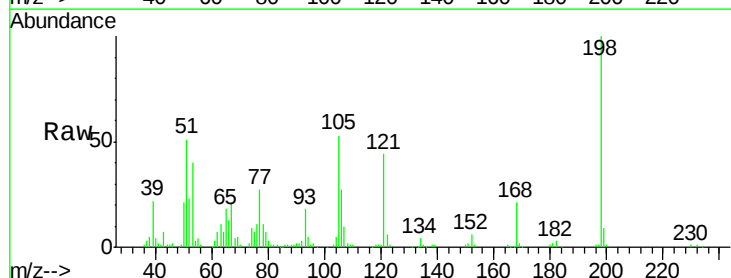


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

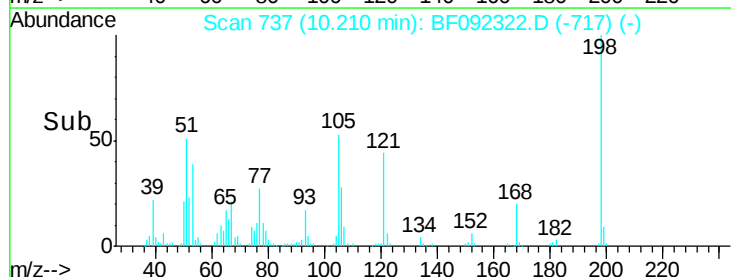
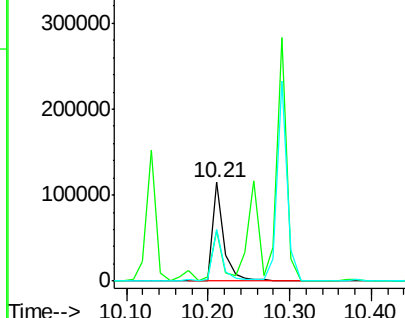


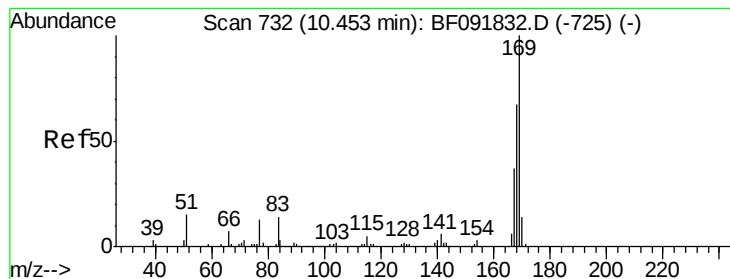
#64
4,6-Dinitro-2-methylphenol
Concen: 35.49 ng
RT: 10.21 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion:198 Resp: 113486
Ion Ratio Lower Upper
198 100
51 51.4 6.7 46.7#
105 53.0 16.6 56.6



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: 43.52 ng

RT: 10.26 min Scan# 741

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

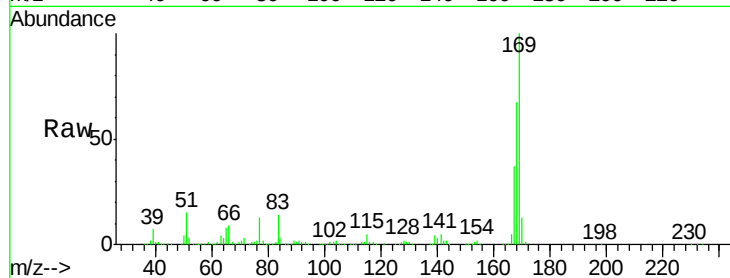
Tgt Ion:169 Resp: 682979

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

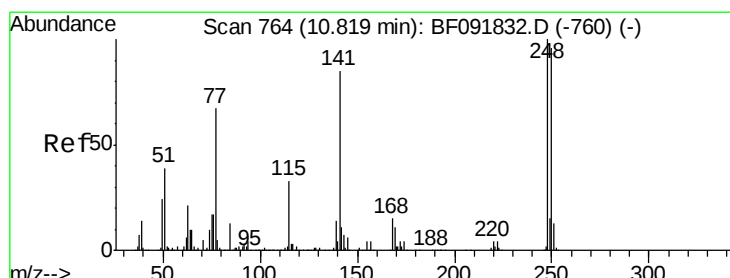
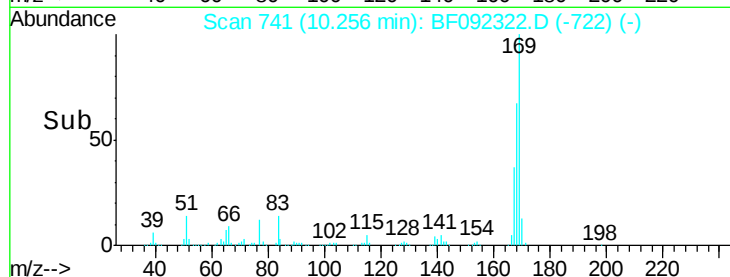
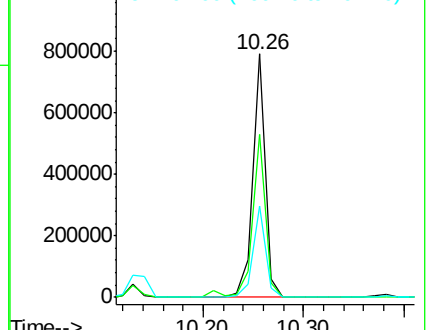
167 37.4 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.55 ng

RT: 10.62 min Scan# 773

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

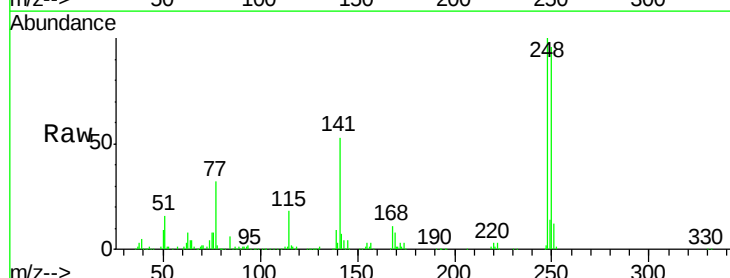
Tgt Ion:248 Resp: 234101

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

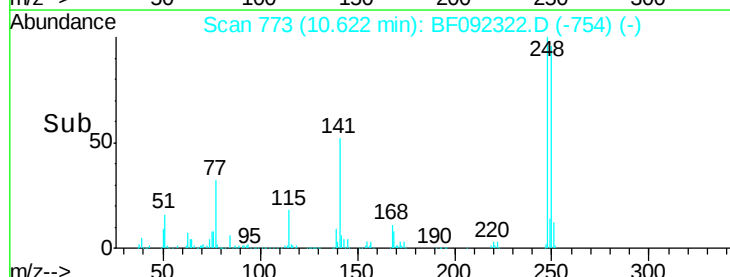
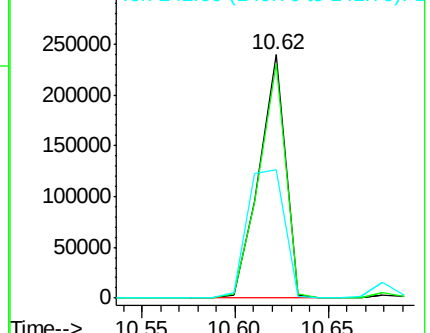
141 52.7 68.2 102.4#

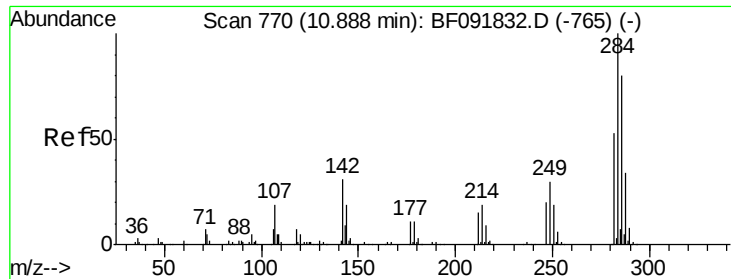


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.61 ng

RT: 10.68 min Scan# 778

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

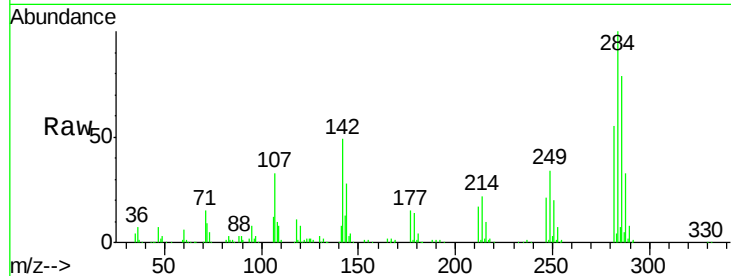
Tgt Ion:284 Resp: 227063

Ion Ratio Lower Upper

284 100

142 49.2 22.6 33.8#

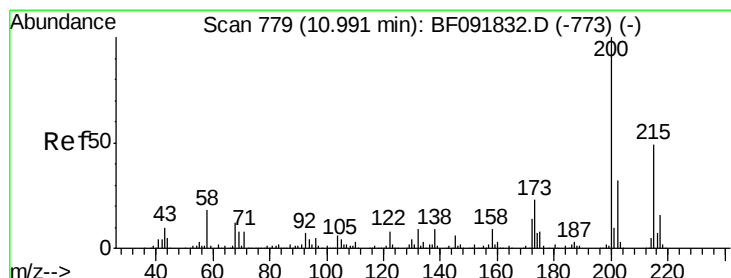
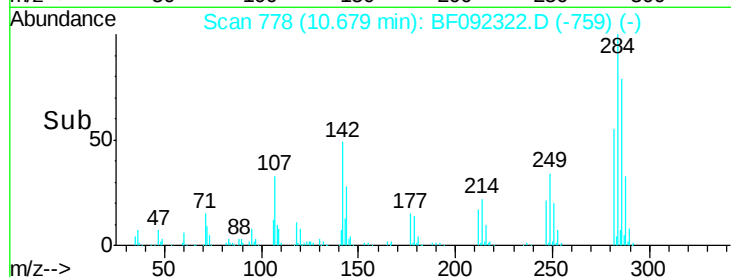
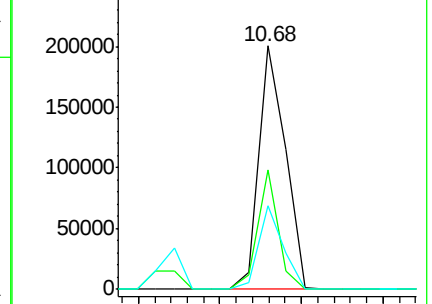
249 34.3 25.4 38.0



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: 47.24 ng

RT: 10.79 min Scan# 788

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

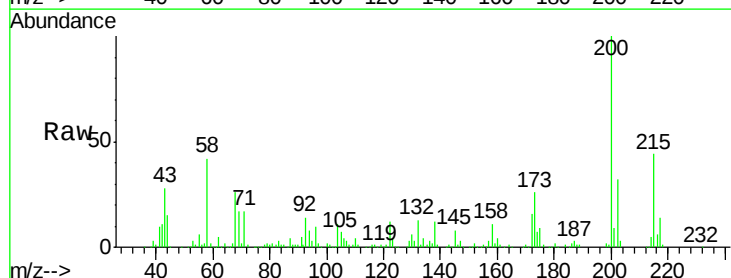
Tgt Ion:200 Resp: 239164

Ion Ratio Lower Upper

200 100

173 25.9 9.6 49.6

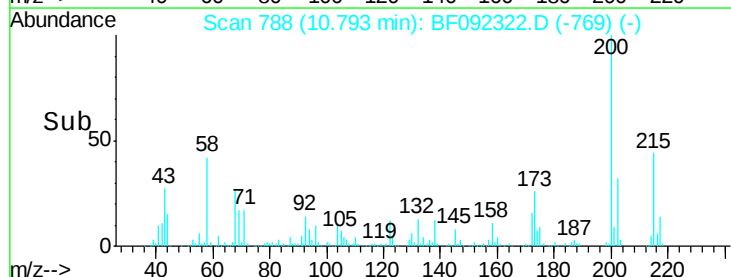
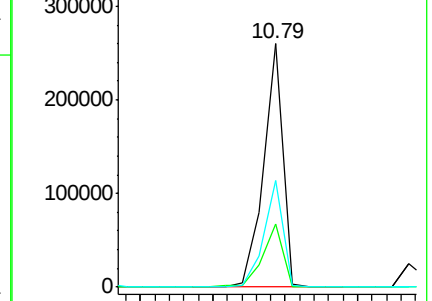
215 43.9 25.7 65.7

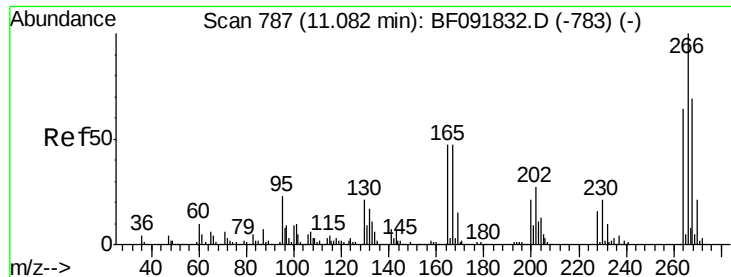


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

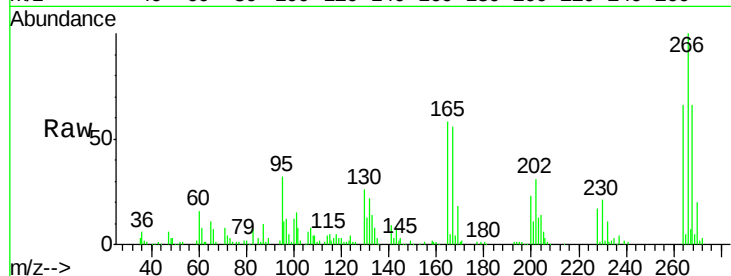




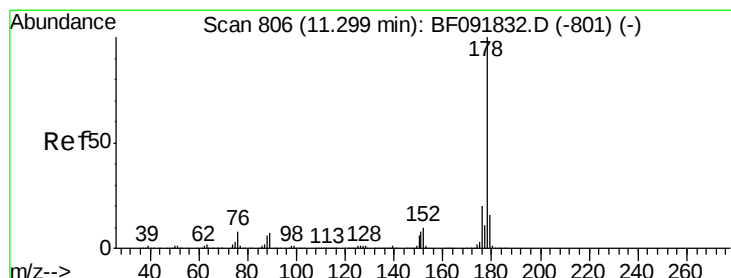
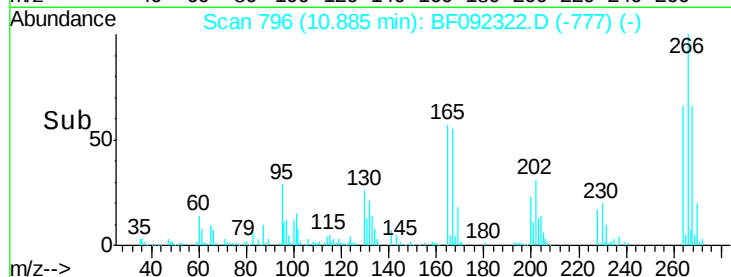
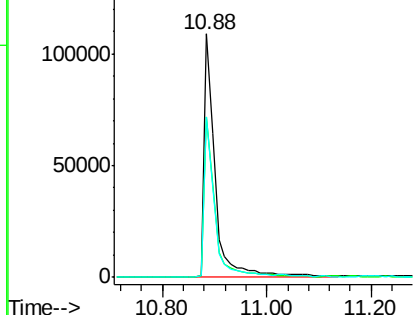
#69
 Pentachlorophenol
 Concen: 56.62 ng
 RT: 10.88 min Scan# 796
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Tgt Ion:266 Resp: 163386
 Ion Ratio Lower Upper
 266 100
 268 65.8 53.3 79.9
 264 66.1 50.3 75.5

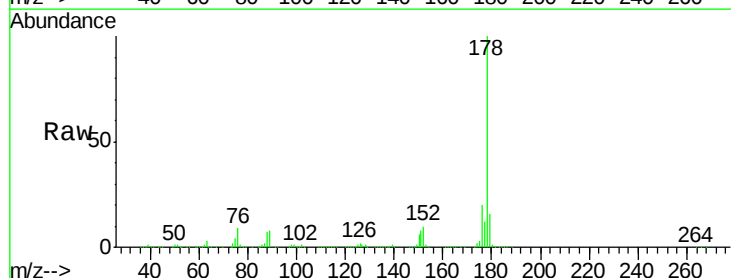


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

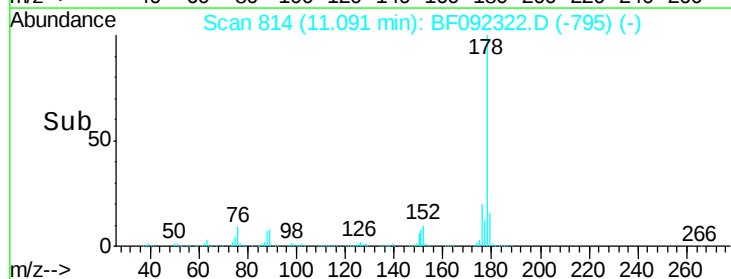
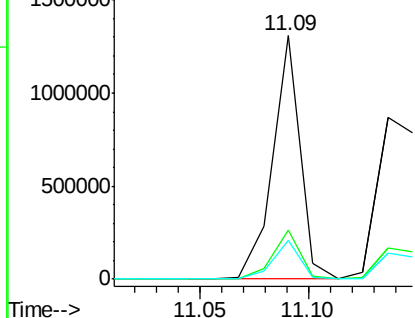


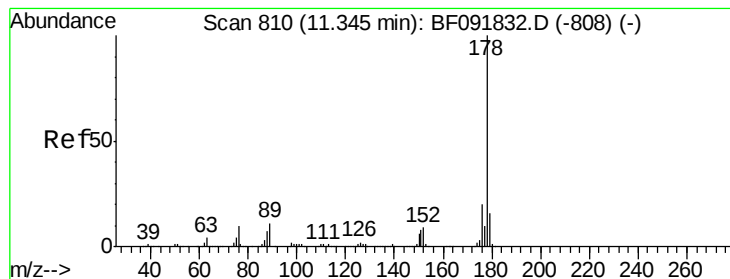
#70
 Phenanthrene
 Concen: 40.42 ng
 RT: 11.09 min Scan# 814
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion:178 Resp: 1159123
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.9 12.8 19.2



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





#71

Anthracene

Concen: 46.76 ng

RT: 11.14 min Scan# 818

Delta R.T. -0.10 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

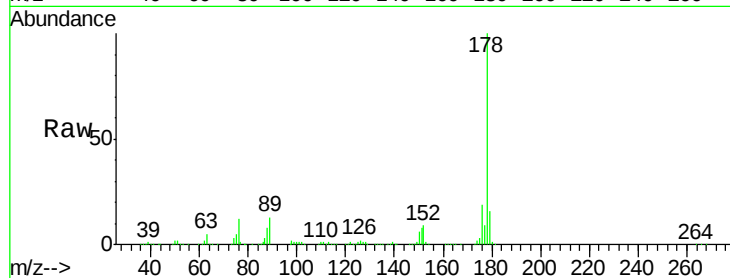
Tgt Ion:178 Resp: 1173162

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

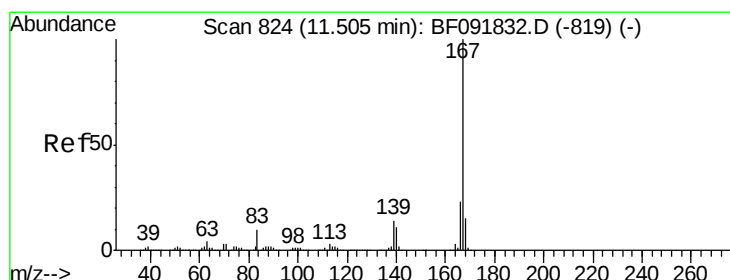
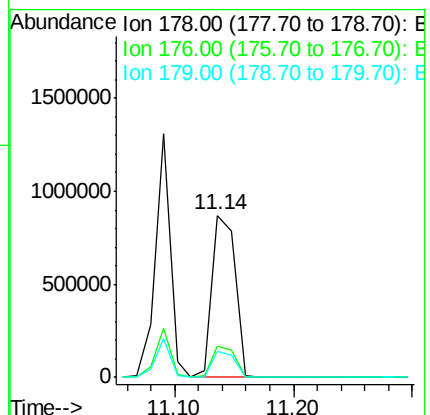
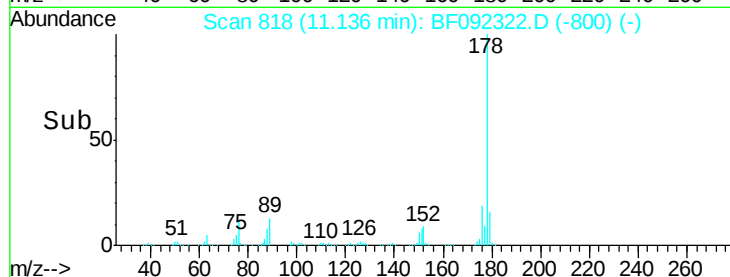
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.79 ng

RT: 11.31 min Scan# 833

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

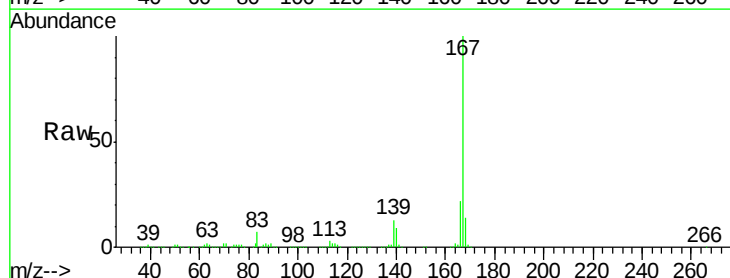
Tgt Ion:167 Resp: 1109027

Ion Ratio Lower Upper

167 100

166 21.6 18.2 27.2

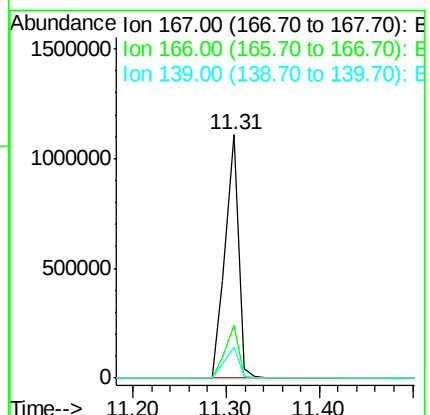
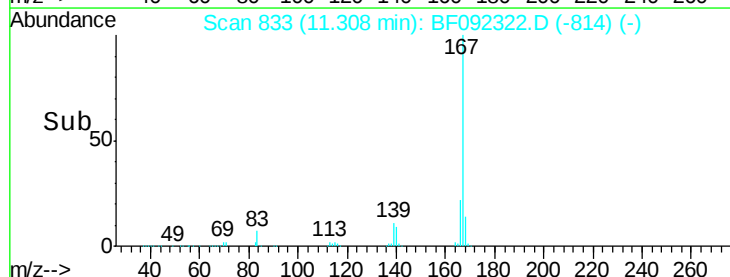
139 12.6 11.4 17.2

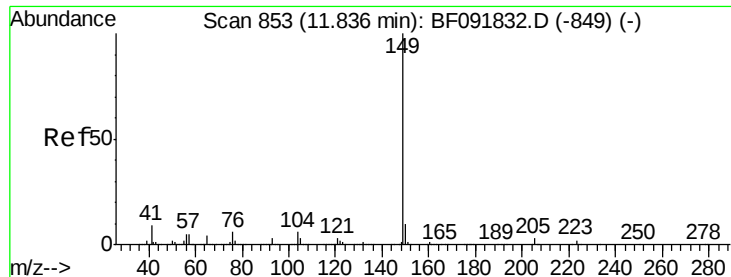


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.47 ng

RT: 11.64 min Scan# 862

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

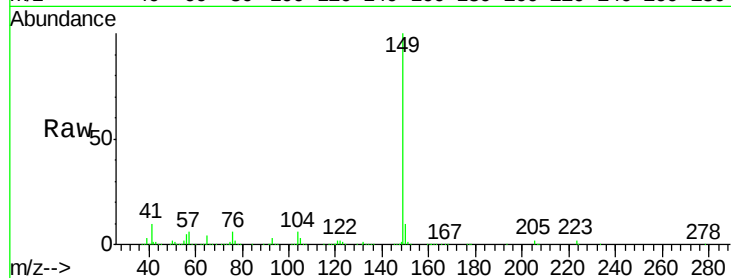
Tgt Ion:149 Resp: 1283923

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

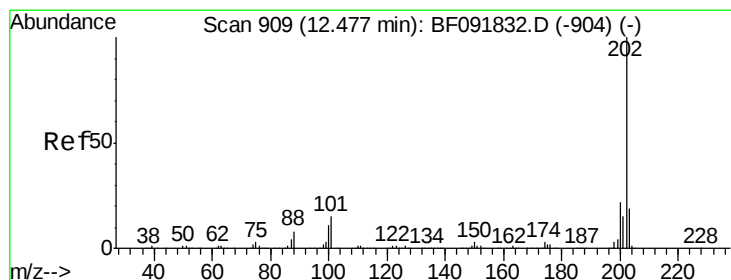
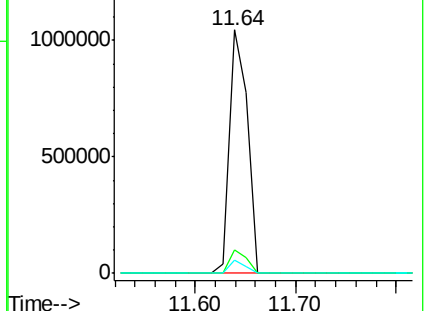
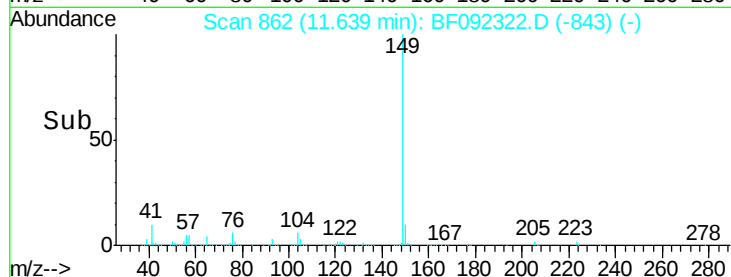
104 5.5 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.42 ng

RT: 12.27 min Scan# 917

Delta R.T. -0.10 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

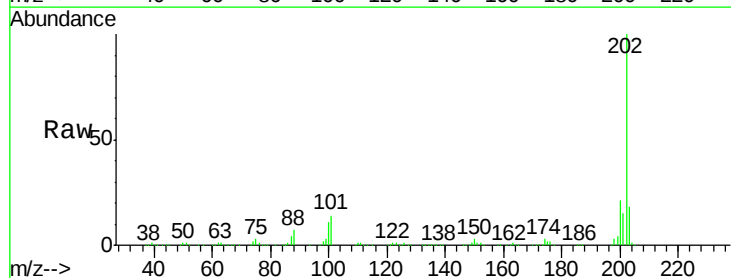
Tgt Ion:202 Resp: 1072896

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.6

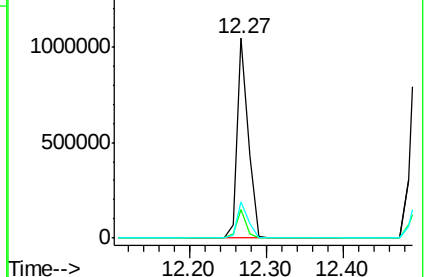
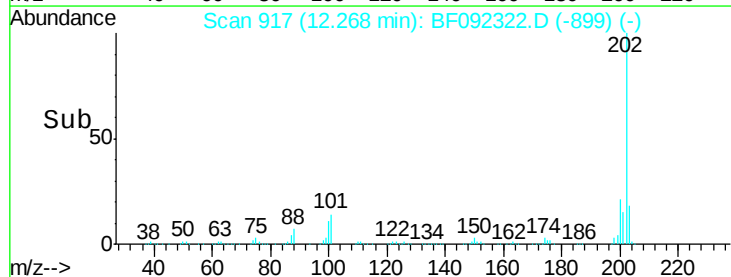
203 18.1 0.0 38.7

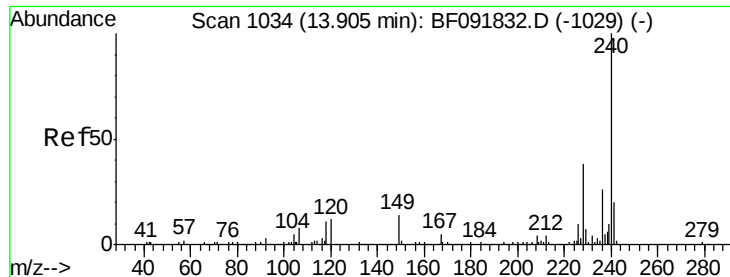


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

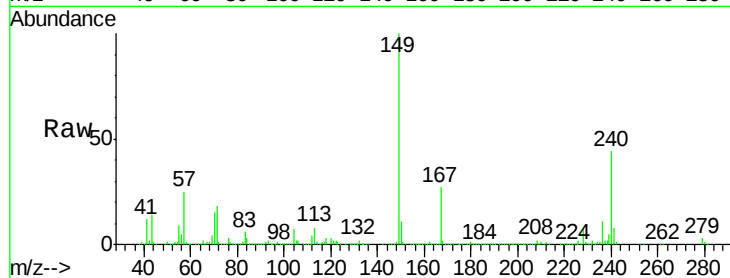
Tgt Ion:240 Resp: 321277

Ion Ratio Lower Upper

240 100

120 7.6 12.9 19.3#

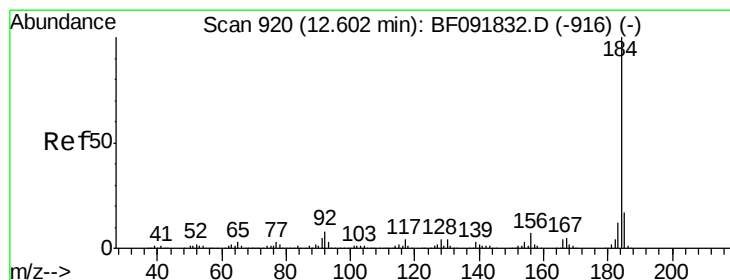
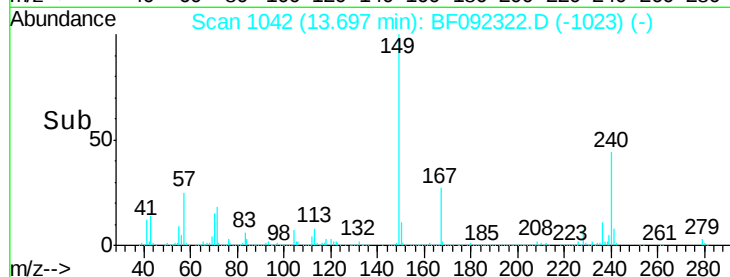
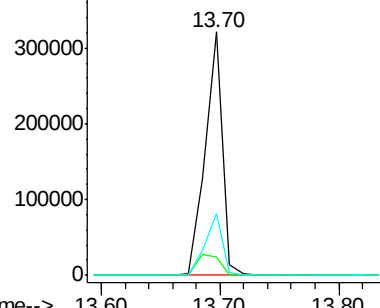
236 25.2 20.9 31.3



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: 46.95 ng

RT: 12.40 min Scan# 929

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

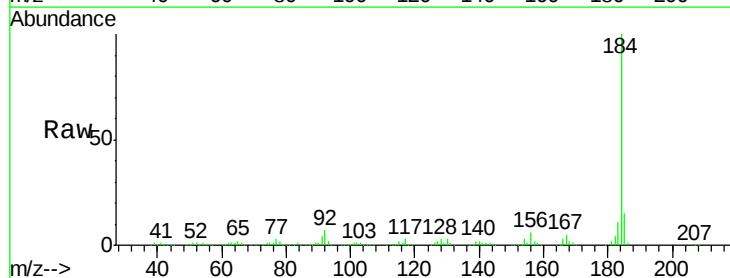
Tgt Ion:184 Resp: 380144

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

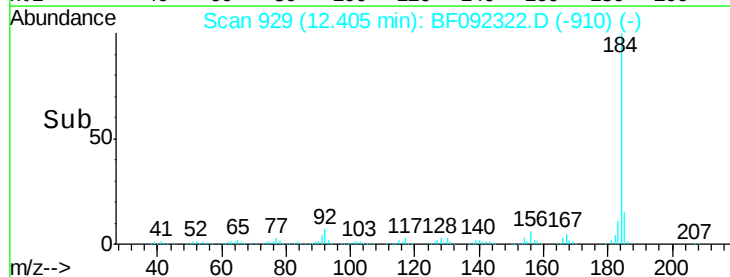
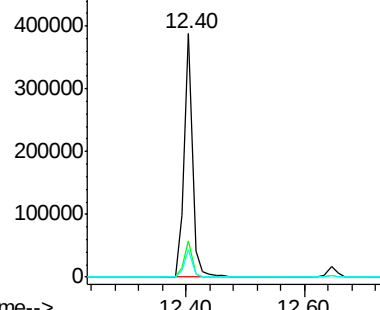
183 11.1 9.2 13.8

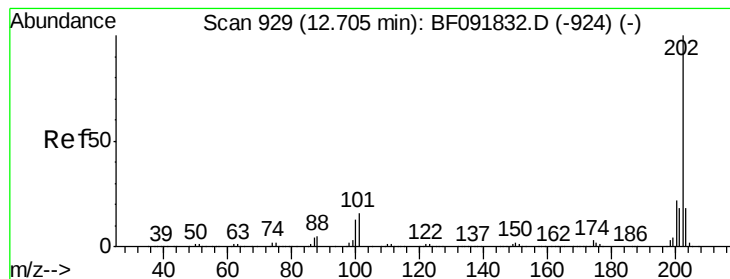


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.71 ng

RT: 12.50 min Scan# 937

Delta R.T. -0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

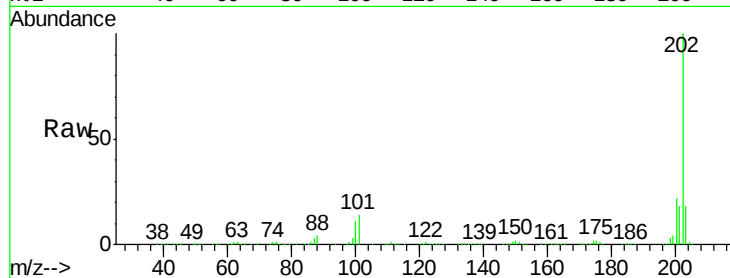
Tgt Ion:202 Resp: 1148253

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

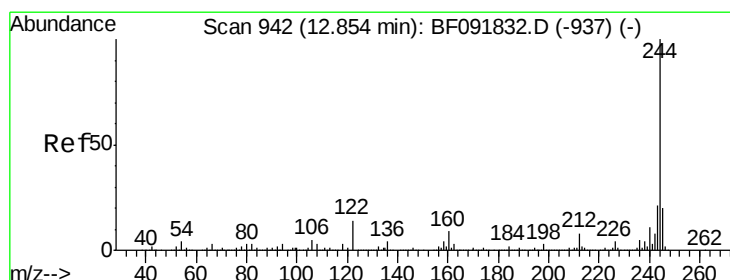
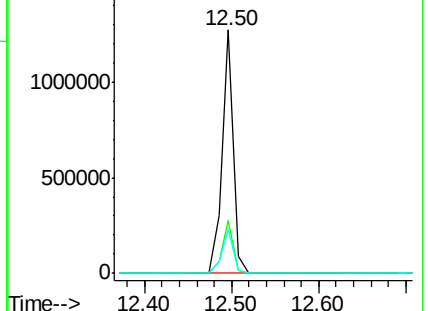
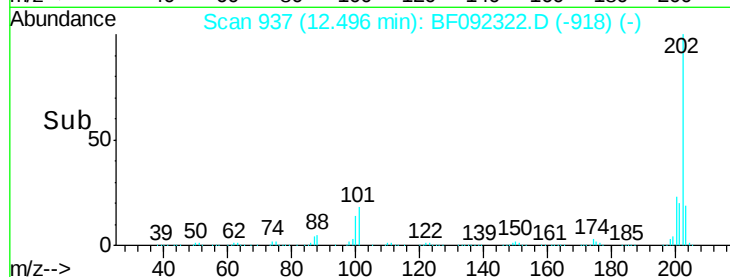
203 18.0 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 101.77 ng

RT: 12.65 min Scan# 950

Delta R.T. -0.10 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

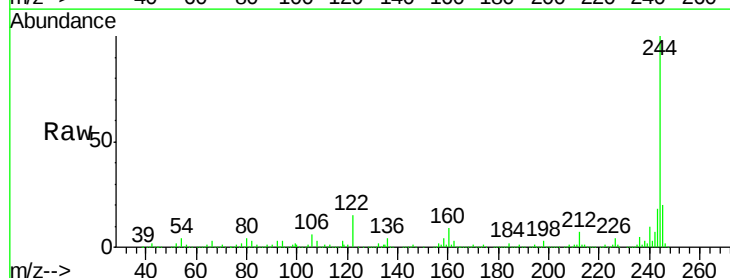
Tgt Ion:244 Resp: 1348094

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

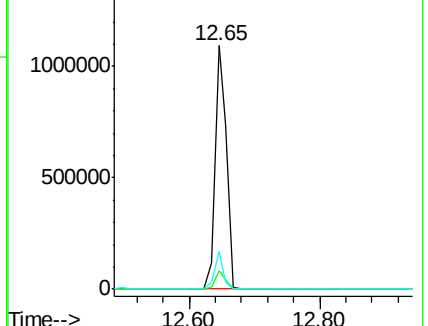
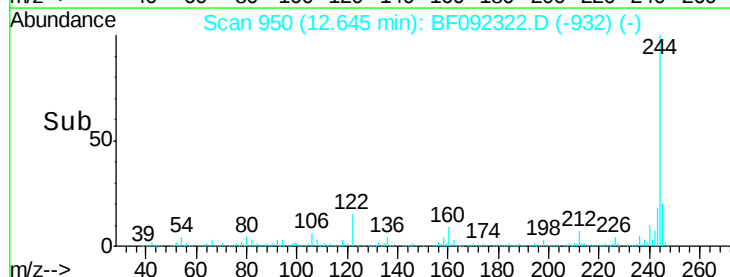
122 15.5 11.4 17.2

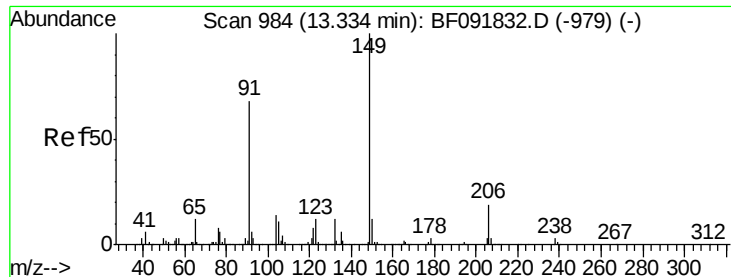


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

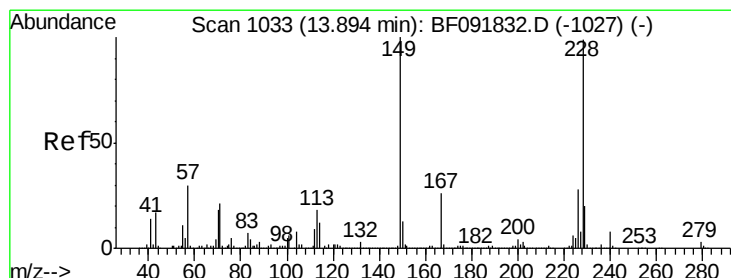
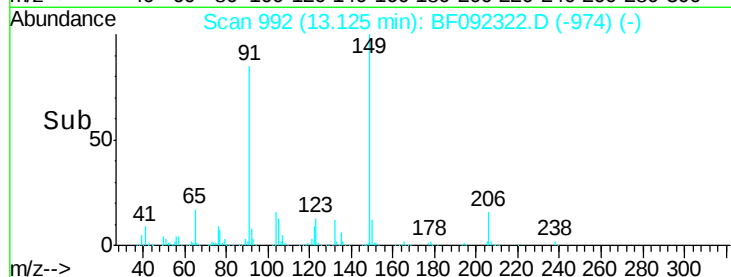
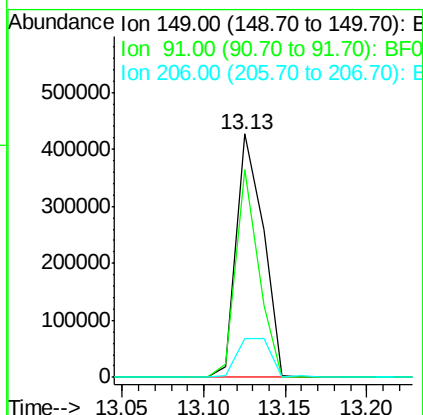
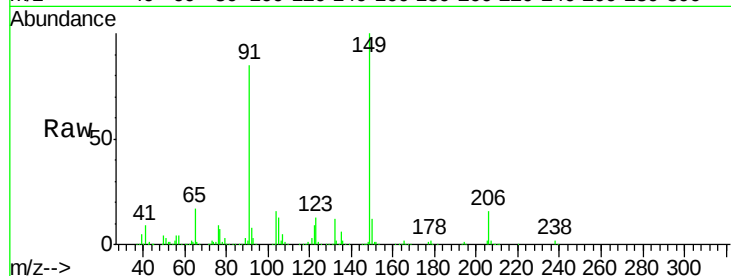




#79
Butylbenzylphthalate
Concen: 45.27 ng
RT: 13.13 min Scan# 992
Delta R.T. -0.10 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

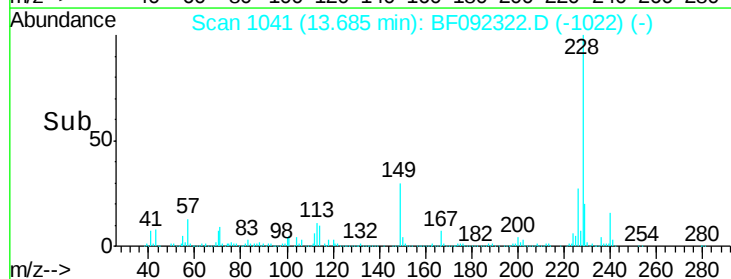
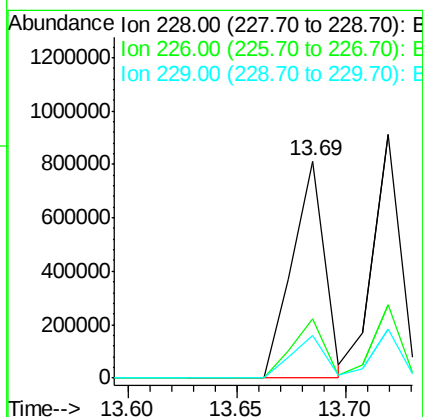
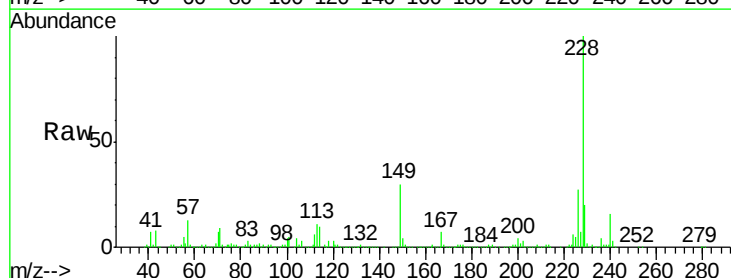
Instrument :
BNA_F
ClientSampled :
PB96061BS

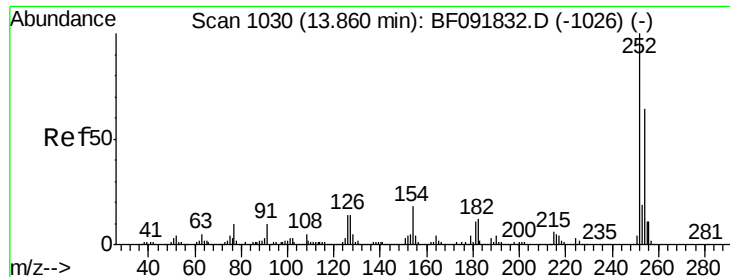
Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.3	63.9	95.9
206	16.0	14.6	21.8



#80
Benzo(a)anthracene
Concen: 46.71 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	19.8	16.2	24.4

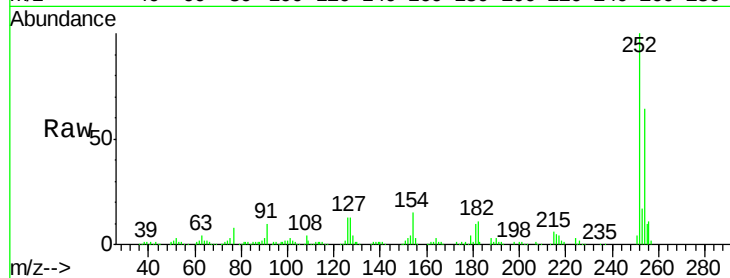




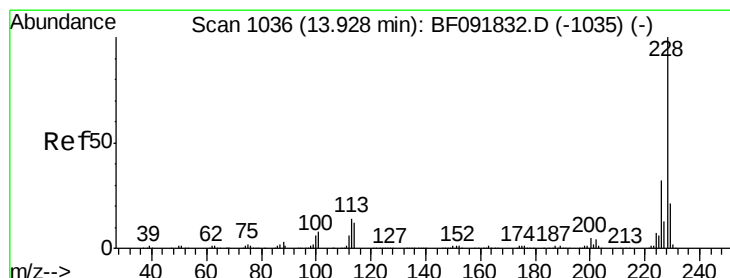
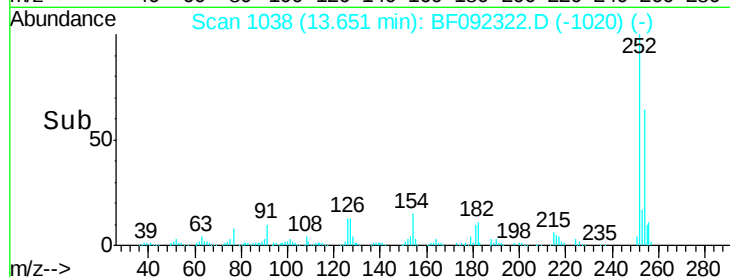
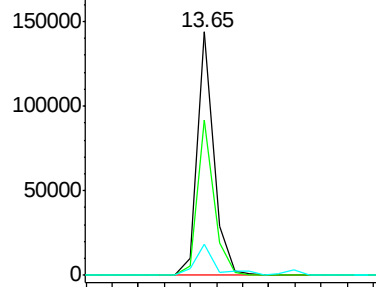
#81
 3,3'-Dichlorobenzidine
 Concen: 18.68 ng
 RT: 13.65 min Scan# 1038
 Delta R.T. -0.10 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.3	78.5
126	12.8	13.6	20.4

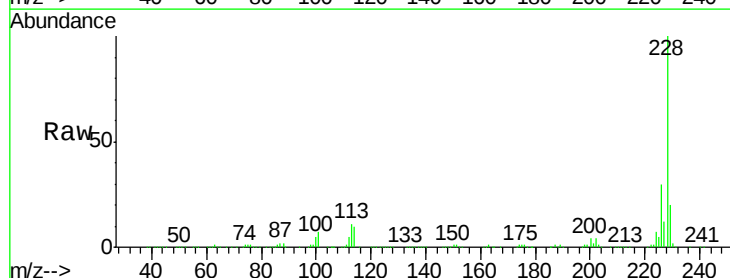


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

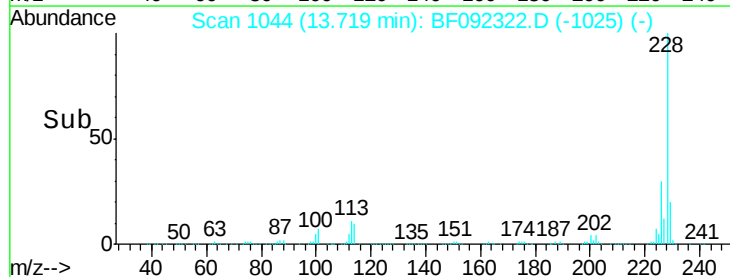
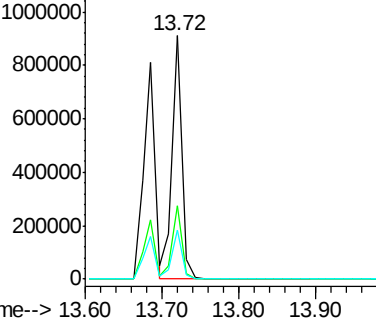


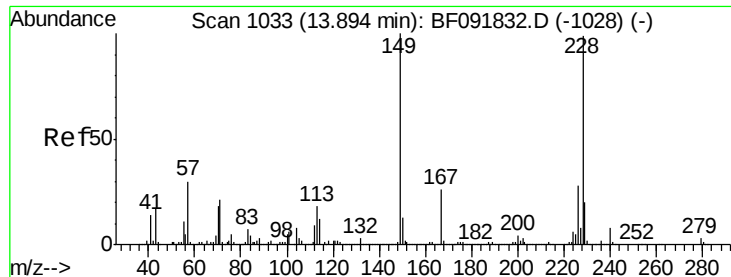
#82
 Chrysene
 Concen: 44.36 ng
 RT: 13.72 min Scan# 1044
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	20.1	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

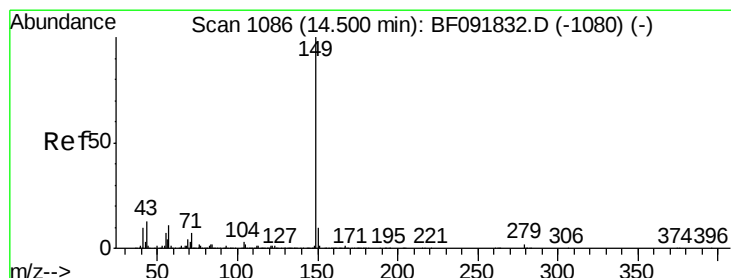
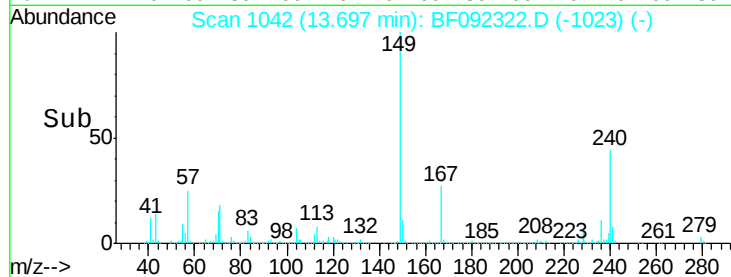
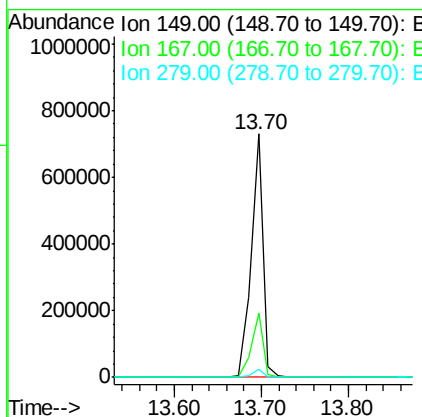
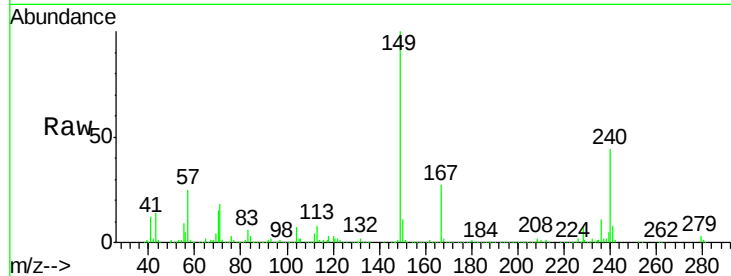




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.00 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

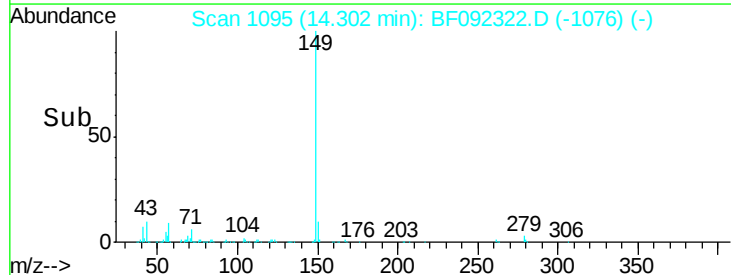
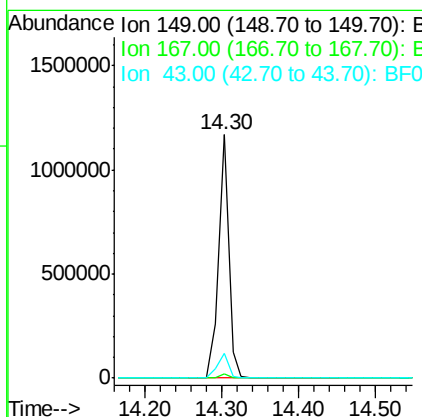
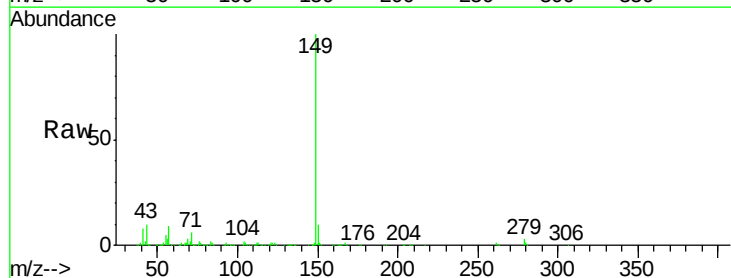
Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

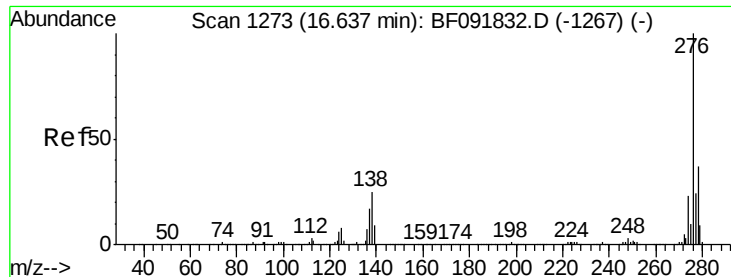
Tgt Ion:149 Resp: 694370
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.2 30.4
 279 3.1 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 46.03 ng
 RT: 14.30 min Scan# 1095
 Delta R.T. -0.09 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion:149 Resp: 1076522
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.8 8.9 13.3

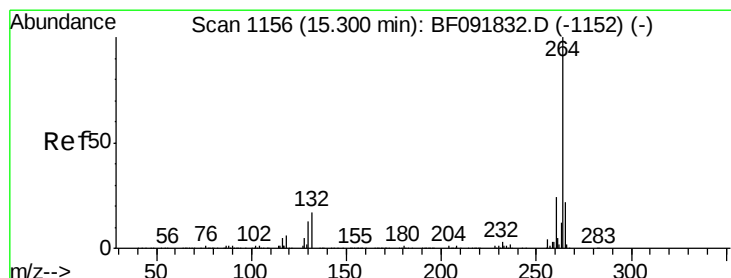
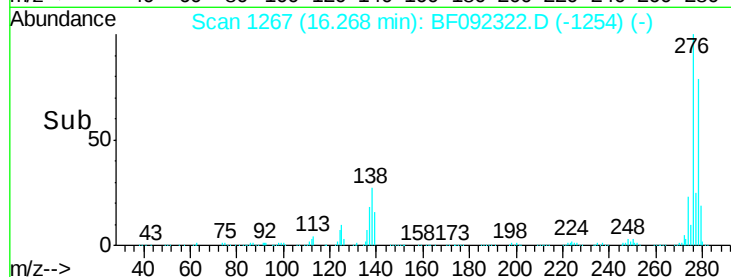
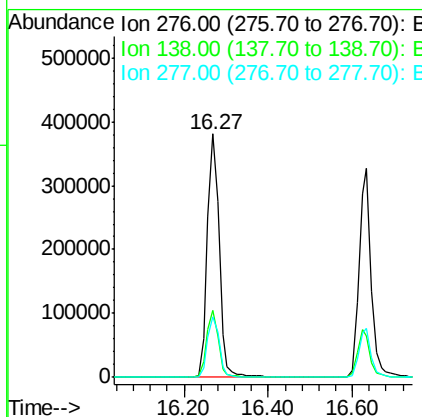
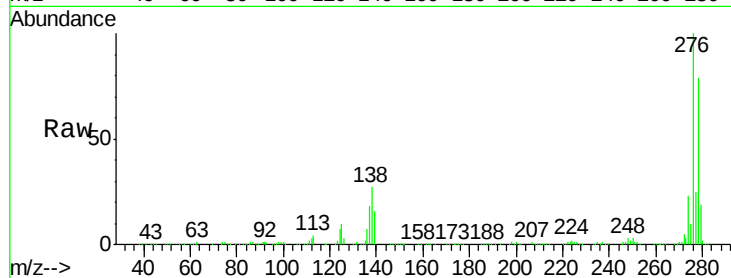




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.58 ng
 RT: 16.27 min Scan# 1267
 Delta R.T. -0.16 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

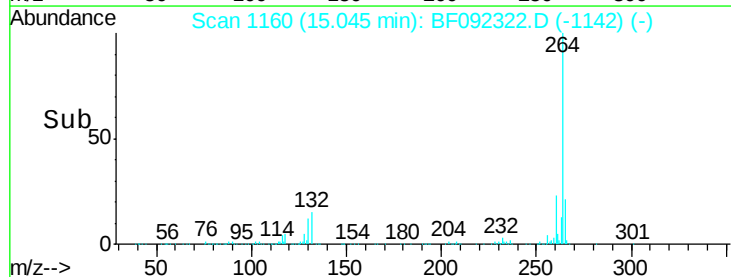
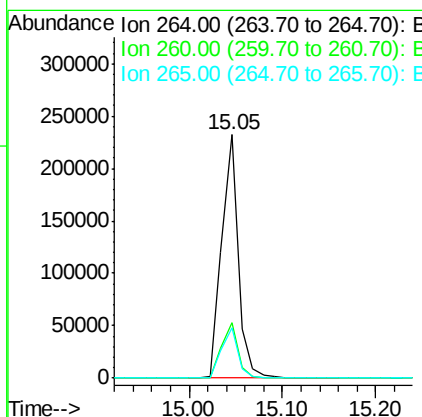
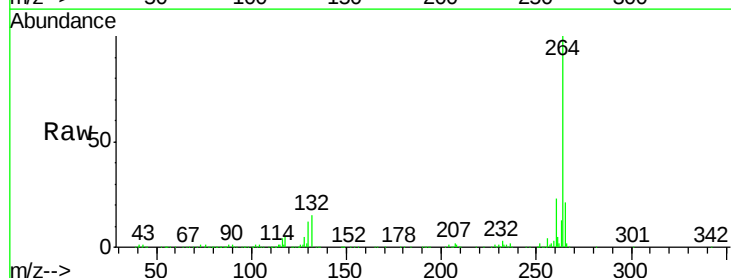
Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

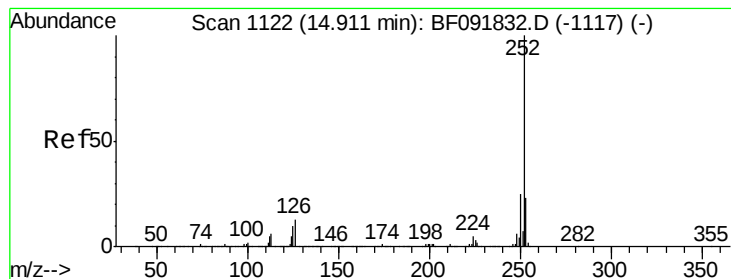
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.8	32.6
277	24.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. -0.10 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 76.44 ng

RT: 14.68 min Scan# 1128

Delta R.T. -0.10 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

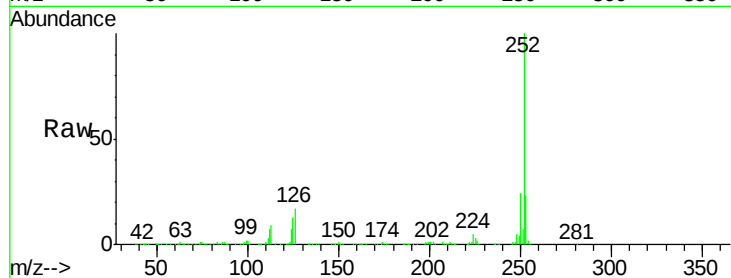
Tgt Ion:252 Resp: 1358505

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

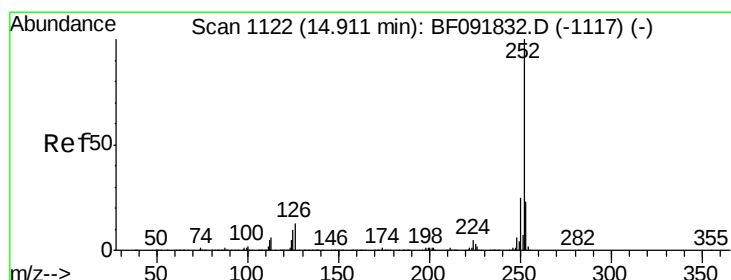
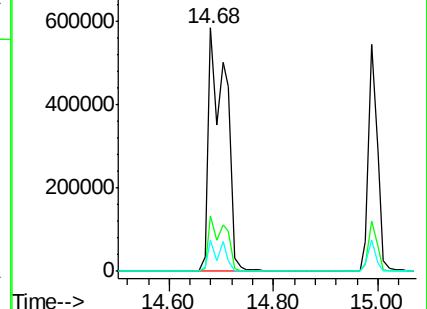
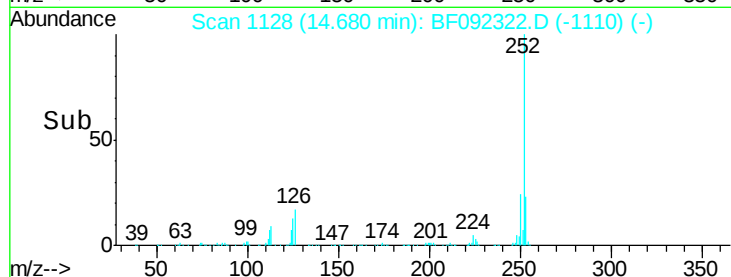
125 13.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 89.68 ng

RT: 14.68 min Scan# 1128

Delta R.T. -0.12 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

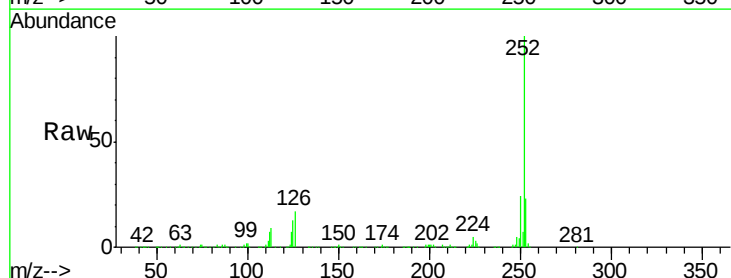
Tgt Ion:252 Resp: 1359072

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

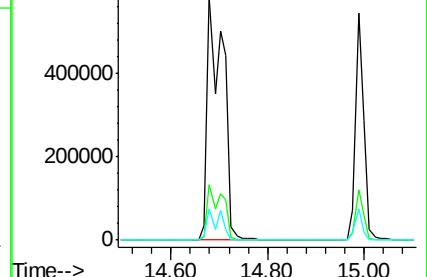
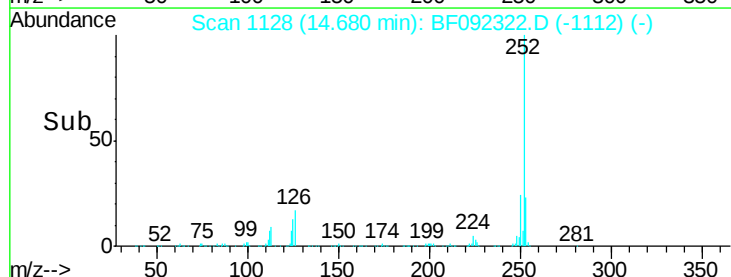
125 13.0 8.9 13.3

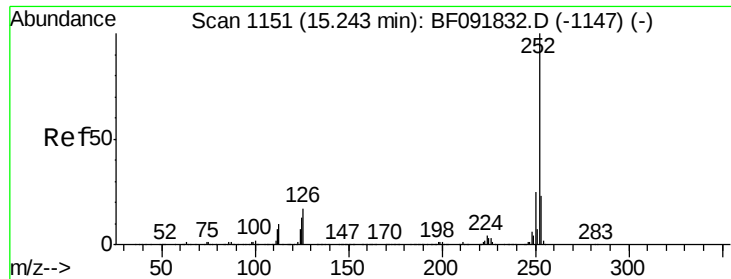


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

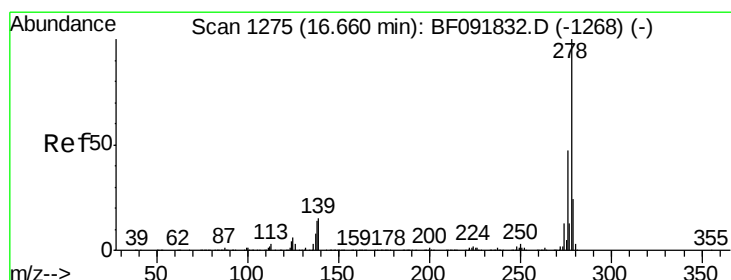
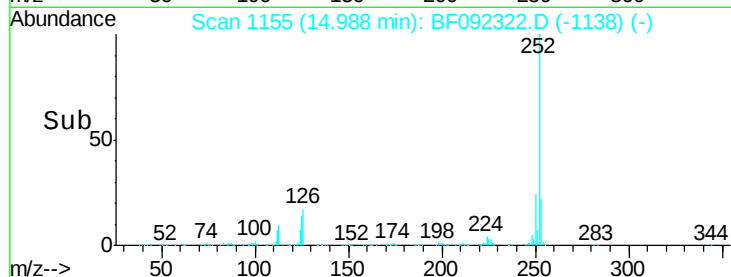
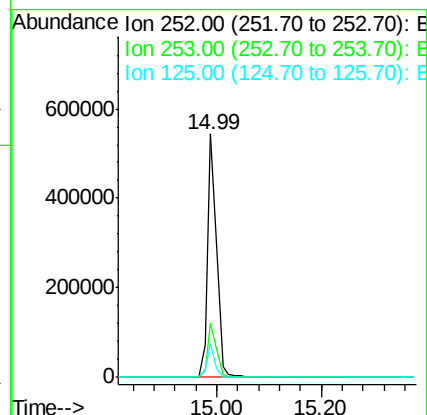
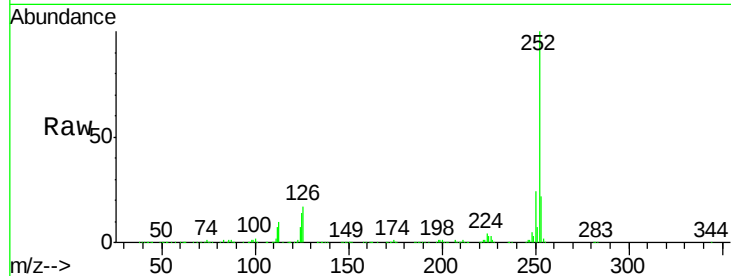




#89
Benzo(a)pyrene
Concen: 41.63 ng
RT: 14.99 min Scan# 1155
Delta R.T. -0.11 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

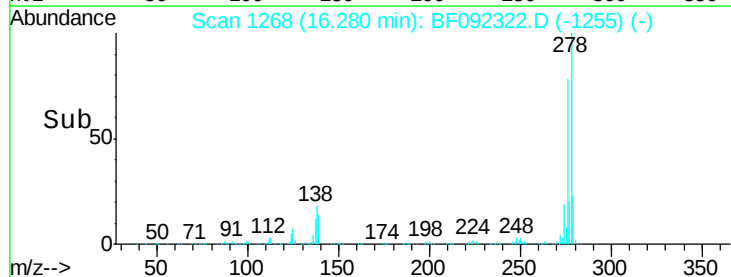
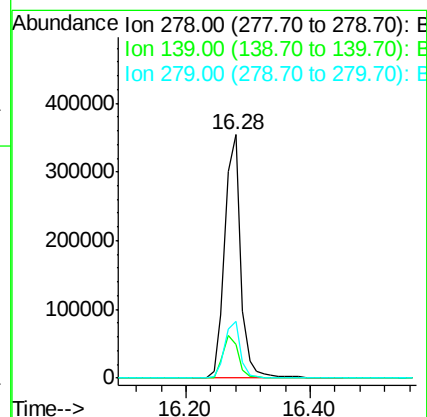
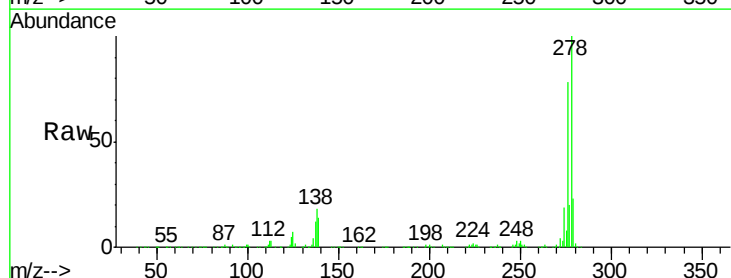
Instrument :
BNA_F
ClientSampleId :
PB96061BS

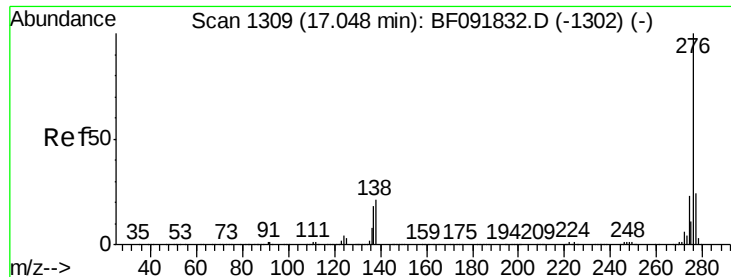
Tgt Ion:252 Resp: 656698
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 13.7 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 48.30 ng
RT: 16.28 min Scan# 1268
Delta R.T. -0.16 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion:278 Resp: 626169
Ion Ratio Lower Upper
278 100
139 13.9 14.8 22.2#
279 23.1 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 49.41 ng

RT: 16.63 min Scan# 1299

Delta R.T. -0.17 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

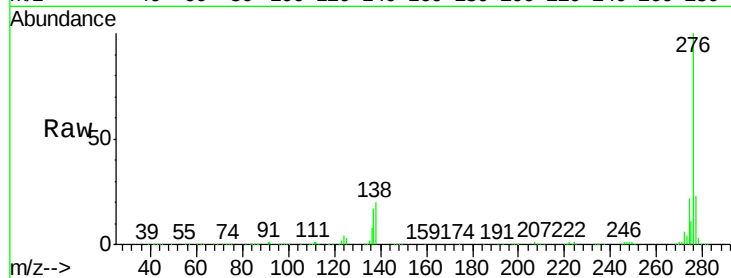
Tgt Ion: 276 Resp: 666149

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 19.9 16.0 24.0



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

