

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092252.D
 Acq On : 13 Jan 2017 20:03
 Operator : UM/SJ
 Sample : PB95965BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Quant Time: Jan 16 01:24:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	226280	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	782774	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	413907	20.00	ng	-0.01
63) Phenanthrene-d10	11.09	188	655248	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	438754	20.00	ng	-0.01
86) Perylene-d12	15.07	264	411673	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1803731	133.10	ng	0.01
7) Phenol-d6	6.26	99	2373702	143.46	ng	0.00
23) Nitrobenzene-d5	7.15	82	1215048	86.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	452770	132.18	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	2181378	112.09	ng	0.00
78) Terphenyl-d14	12.68	244	1919229	106.09	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	224008	33.58	ng	97
3) Pyridine	2.72	79	619182	26.59	ng	95
4) n-Nitrosodimethylamine	2.69	42	299439	34.09	ng	98
6) Aniline	6.24	93	491790	22.88	ng	# 67
8) 2-Chlorophenol	6.37	128	707380	45.89	ng	92
9) Benzaldehyde	6.12	77	43369	3.29	ng	90
10) Phenol	6.27	94	821644	43.58	ng	# 61
11) bis(2-Chloroethyl)ether	6.32	93	702375	46.82	ng	99
12) 1,3-Dichlorobenzene	6.51	146	693112	42.12	ng	# 88
13) 1,4-Dichlorobenzene	6.51	146	693112	41.38	ng	98
14) 1,2-Dichlorobenzene	6.75	146	597863	41.14	ng	99
15) Benzyl Alcohol	6.74	79	518731	40.35	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	800718	35.84	ng	# 46
17) 2-Methylphenol	6.87	107	467717	37.73	ng	# 89
18) Hexachloroethane	7.08	117	221230	35.63	ng	# 87
19) n-Nitroso-di-n-propylamine	7.01	70	414880	37.69	ng	97
20) 3+4-Methylphenols	7.02	107	637993	43.15	ng	# 71
22) Acetophenone	7.00	105	850170	44.03	ng	# 92
24) Nitrobenzene	7.17	77	650928	43.41	ng	97
25) Isophorone	7.41	82	1193961	45.97	ng	96
26) 2-Nitrophenol	7.49	139	342196	46.28	ng	# 87
27) 2,4-Dimethylphenol	7.55	122	531978	43.38	ng	99
28) bis(2-Chloroethoxy)methane	7.63	93	701094	44.52	ng	99
29) 2,4-Dichlorophenol	7.74	162	496005	47.76	ng	93
30) 1,2,4-Trichlorobenzene	7.81	180	503165	44.22	ng	97
31) Naphthalene	7.89	128	1663990	46.45	ng	98
32) Benzoic acid	7.72	122	331204	36.41	ng	97
33) 4-Chloroaniline	7.95	127	265165	16.41	ng	98
34) Hexachlorobutadiene	8.00	225	269233	44.82	ng	99
35) Caprolactam	8.34	113	102627	30.07	ng	# 63
36) 4-Chloro-3-methylphenol	8.46	107	563205	47.13	ng	97
37) 2-Methylnaphthalene	8.58	142	1033049	49.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	469955	44.94	ng	98
40) Hexachlorocyclopentadiene	8.74	237	353400	76.09	ng	98

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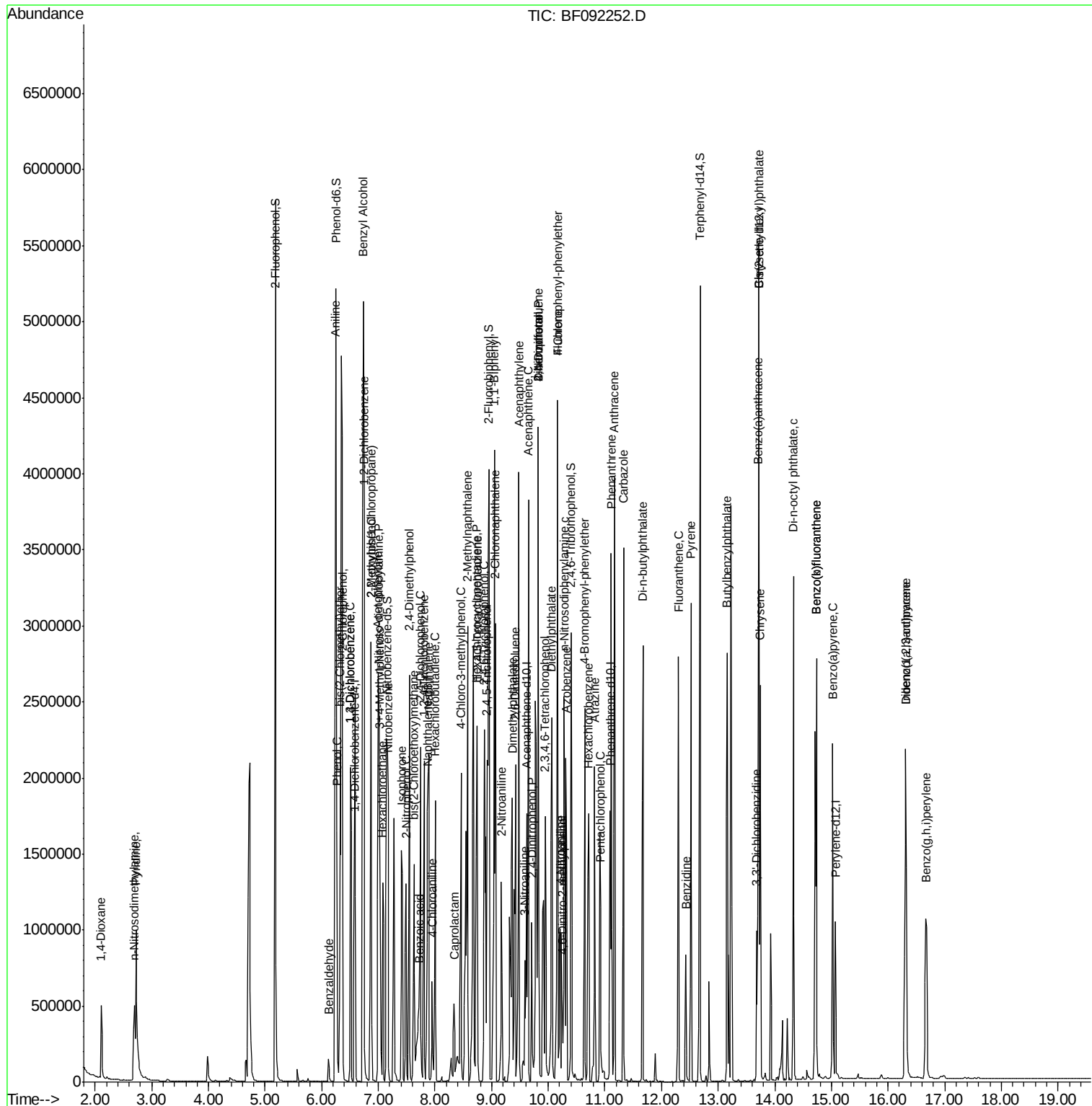
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	323680	44.26	ng	98
43) 2,4,5-Trichlorophenol	8.92	196	277769	36.91	ng	# 91
45) 1,1'-Biphenyl	9.04	154	1310947	46.26	ng	98
46) 2-Chloronaphthalene	9.07	162	1026644	45.74	ng	97
47) 2-Nitroaniline	9.17	65	304798	38.14	ng	100
48) Acenaphthylene	9.48	152	1532598	44.40	ng	99
49) Dimethylphthalate	9.36	163	1258758	47.55	ng	100
50) 2,6-Dinitrotoluene	9.42	165	294989	50.91	ng	# 86
51) Acenaphthene	9.65	154	1016076	43.42	ng	99
52) 3-Nitroaniline	9.58	138	143754	20.05	ng	96
53) 2,4-Dinitrophenol	9.71	184	208943	64.81	ng	# 89
54) Dibenzofuran	9.82	168	1332942	42.18	ng	100
55) 4-Nitrophenol	9.82	139	911930	187.30	ng	# 8
56) 2,4-Dinitrotoluene	9.82	165	327148	44.98	ng	# 54
57) Fluorene	10.16	166	1111615	48.35	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	280652	47.15	ng	96
59) Diethylphthalate	10.06	149	1265906	49.24	ng	95
60) 4-Chlorophenyl-phenylether	10.16	204	468814	46.57	ng	# 76
61) 4-Nitroaniline	10.21	138	303448	40.84	ng	87
62) Azobenzene	10.31	77	1290492	45.59	ng	99
64) 4,6-Dinitro-2-methylphenol	10.24	198	175125	44.20	ng	91
65) n-Nitrosodiphenylamine	10.28	169	963261	49.54	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	324408	47.59	ng	94
67) Hexachlorobenzene	10.71	284	349512	47.97	ng	# 92
68) Atrazine	10.82	200	293112	46.73	ng	96
69) Pentachlorophenol	10.92	266	283592	79.33	ng	100
70) Phenanthrene	11.11	178	1489765	41.93	ng	99
71) Anthracene	11.17	178	1712434	62.74	ng	99
72) Carbazole	11.33	167	1395973	50.42	ng	99
73) Di-n-butylphthalate	11.67	149	1954890	59.38	ng	# 97
74) Fluoranthene	12.30	202	1717439	56.03	ng	91
76) Benzidine	12.43	184	364134	29.98	ng	96
77) Pyrene	12.52	202	1569968	48.77	ng	99
79) Butylbenzylphthalate	13.16	149	836356	57.12	ng	85
80) Benzo(a)anthracene	13.71	228	1314989	53.10	ng	100
81) 3,3'-Dichlorobenzidine	13.67	252	235691	25.10	ng	99
82) Chrysene	13.74	228	1208771	48.66	ng	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	963362	55.87	ng	99
84) Di-n-octyl phthalate	14.33	149	1692698	53.00	ng	99
85) Indeno(1,2,3-cd)pyrene	16.31	276	1078033	50.09	ng	99
87) Benzo(b)fluoranthene	14.74	252	2272035	88.65	ng	98
88) Benzo(k)fluoranthene	14.74	252	2272743	103.99	ng	99
89) Benzo(a)pyrene	15.02	252	1068652	46.98	ng	98
90) Dibenzo(a,h)anthracene	16.31	278	895165	47.87	ng	99
91) Benzo(g,h,i)perylene	16.68	276	902570	46.42	ng	99

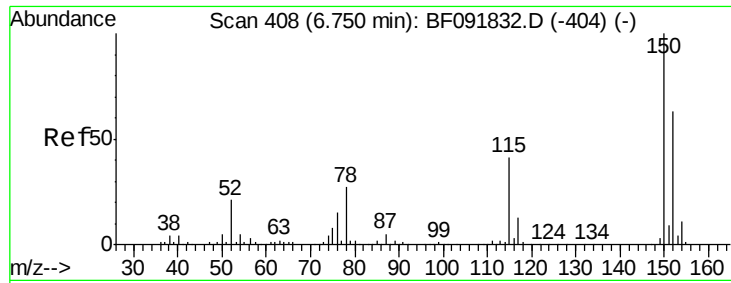
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

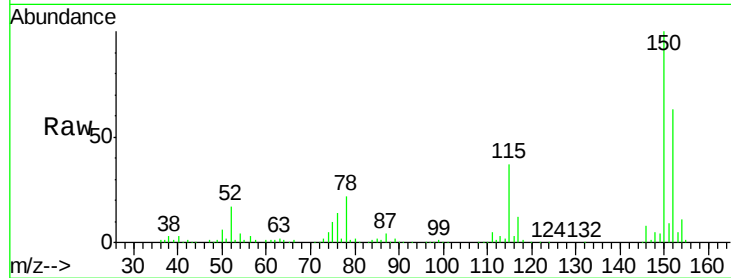
Tgt Ion:152 Resp: 226280

Ion Ratio Lower Upper

152 100

150 158.2 124.9 187.3

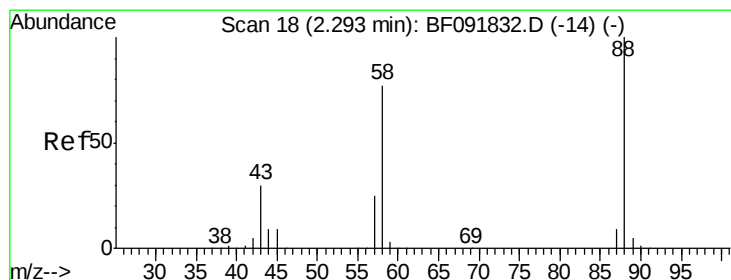
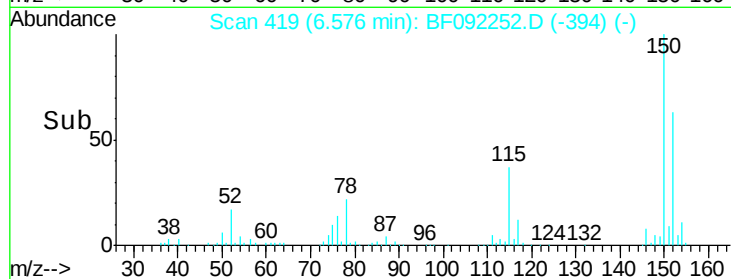
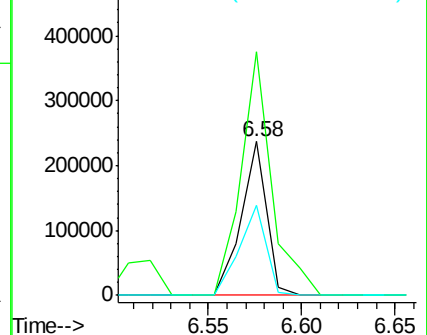
115 58.7 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.58 ng

RT: 2.11 min Scan# 28

Delta R.T. 0.09 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

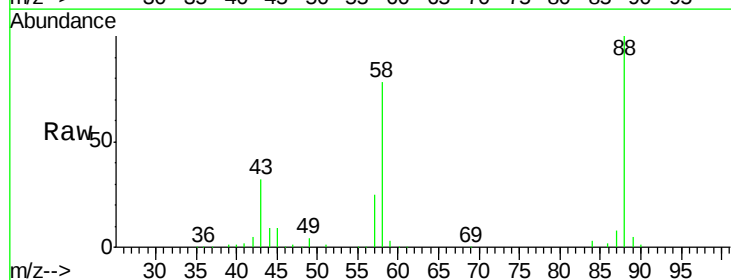
Tgt Ion: 88 Resp: 224008

Ion Ratio Lower Upper

88 100

58 73.7 57.8 86.8

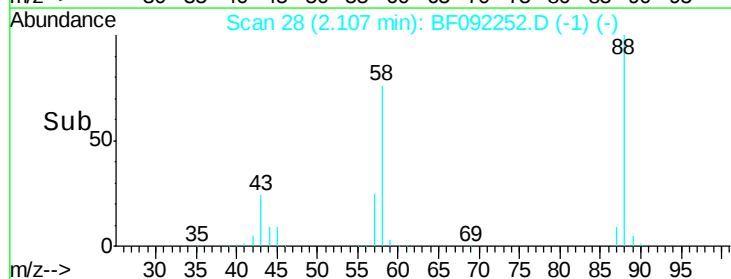
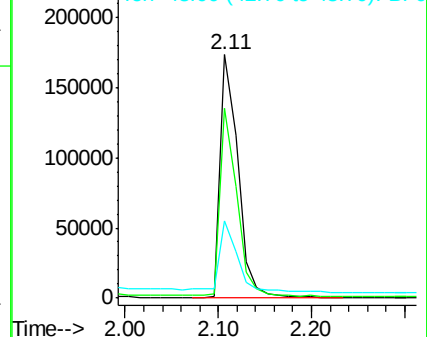
43 30.3 22.3 33.5

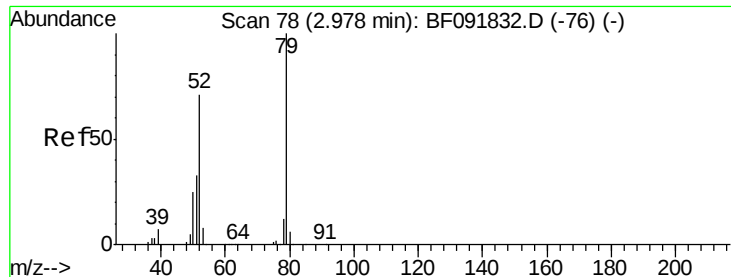


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

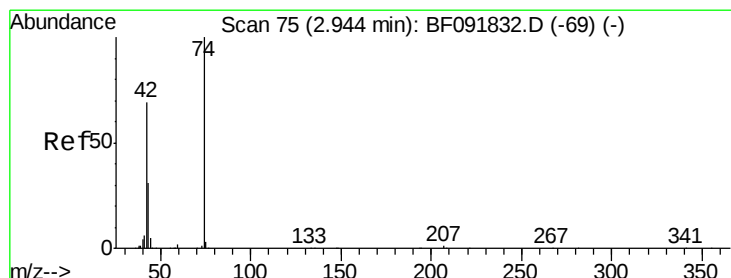
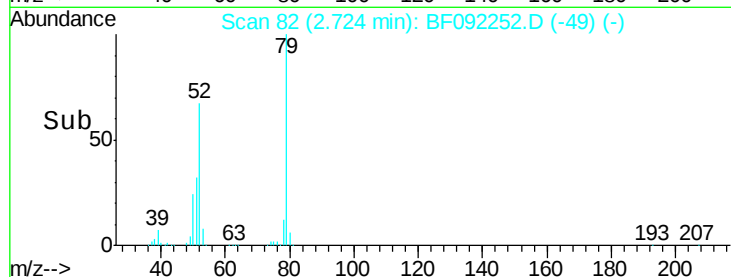
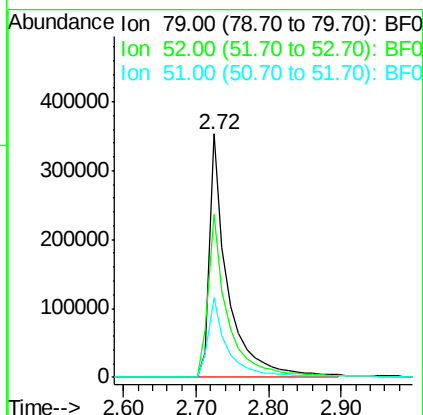
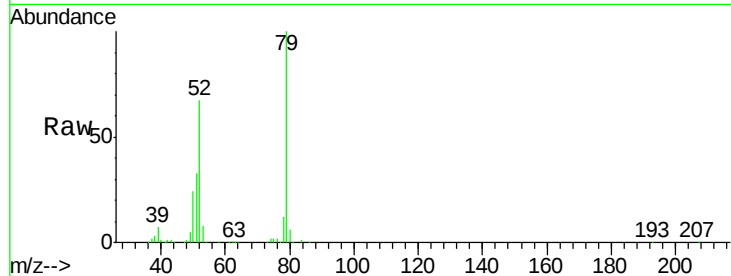




#3
 Pyridine
 Concen: 26.59 ng
 RT: 2.72 min Scan# 82
 Delta R.T. 0.08 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

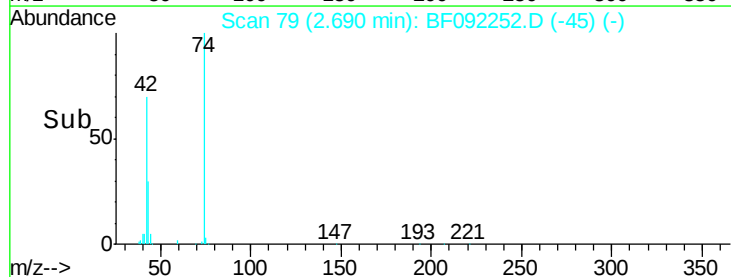
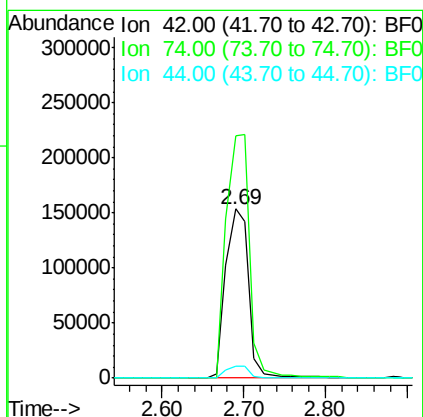
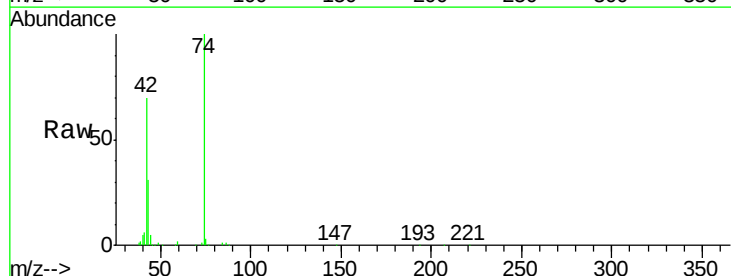
Instrument :
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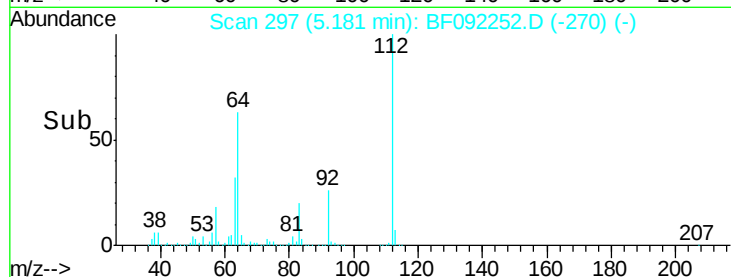
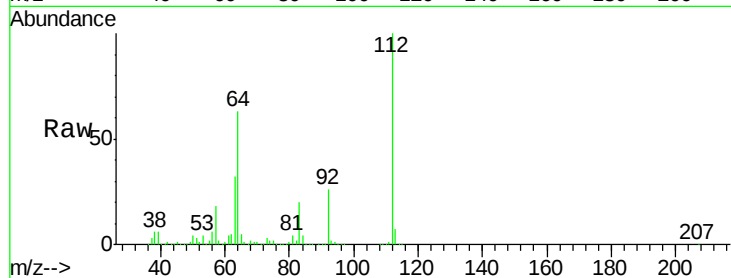
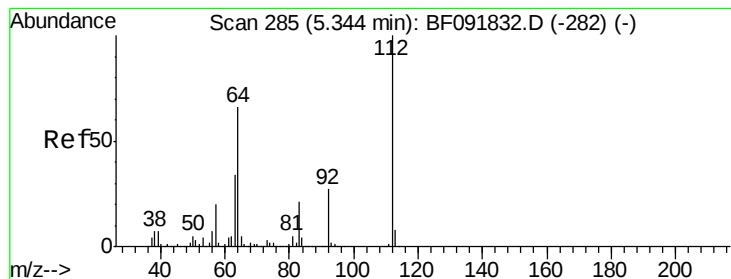
Tgt Ion: 79 Resp: 619182
 Ion Ratio Lower Upper
 79 100
 52 66.8 57.1 85.7
 51 32.5 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 34.09 ng
 RT: 2.69 min Scan# 79
 Delta R.T. 0.09 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion: 42 Resp: 299439
 Ion Ratio Lower Upper
 42 100
 74 143.2 117.0 175.4
 44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 133.10 ng

RT: 5.18 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tgt Ion:112 Resp: 1803731

Ion Ratio Lower Upper

112 100

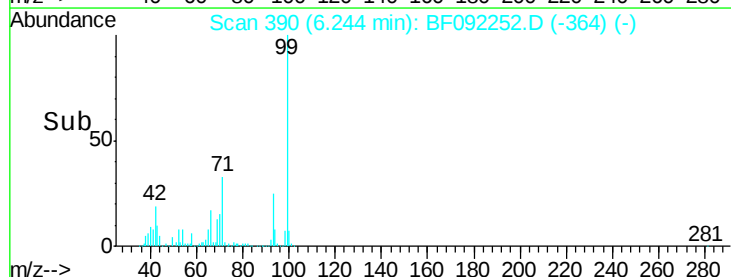
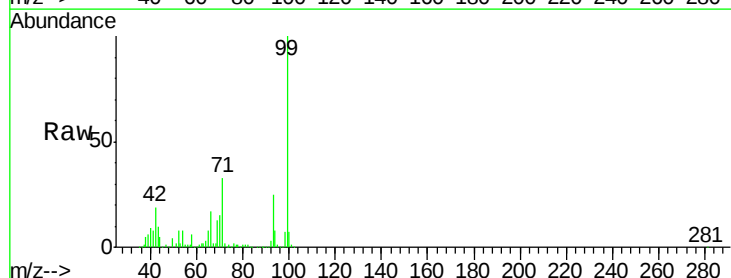
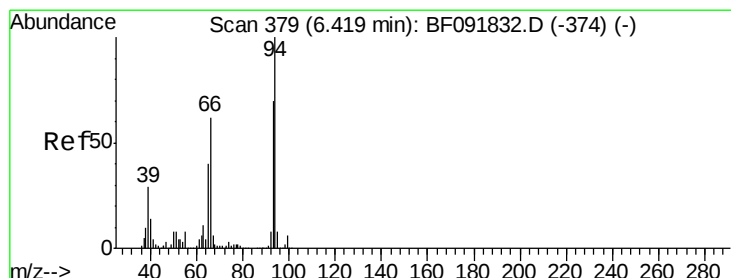
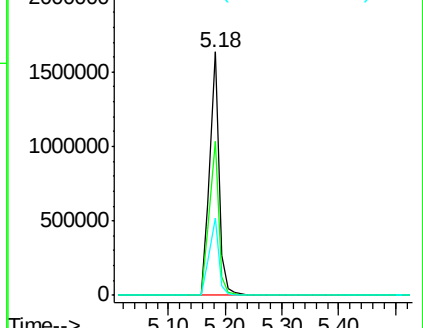
64 63.0 46.1 69.1

63 31.7 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: 22.88 ng

RT: 6.24 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion: 93 Resp: 491790

Ion Ratio Lower Upper

93 100

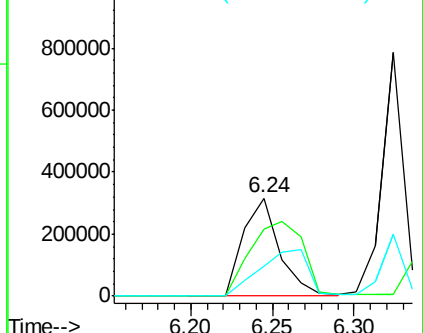
66 68.1 76.2 114.2#

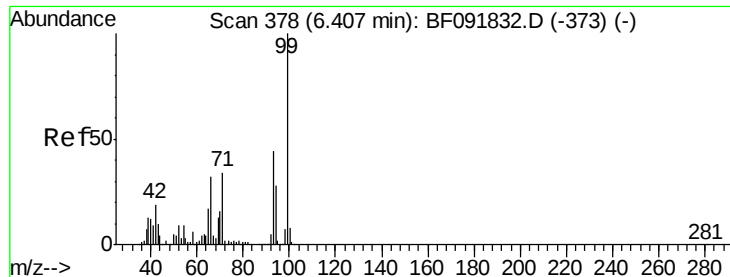
65 31.0 49.3 73.9#

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: 143.46 ng

RT: 6.26 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

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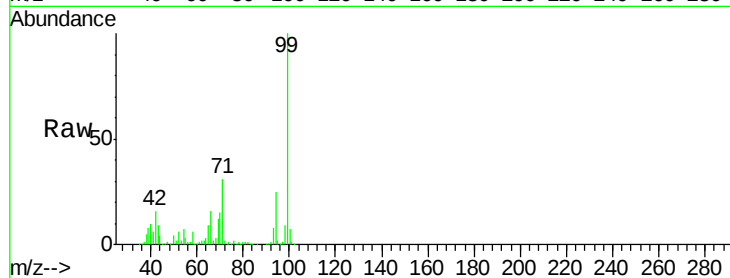
Tgt Ion: 99 Resp: 2373702

Ion Ratio Lower Upper

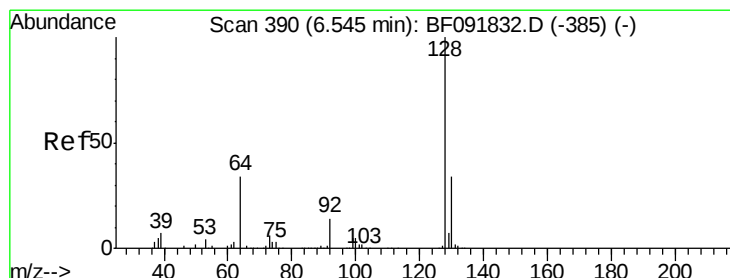
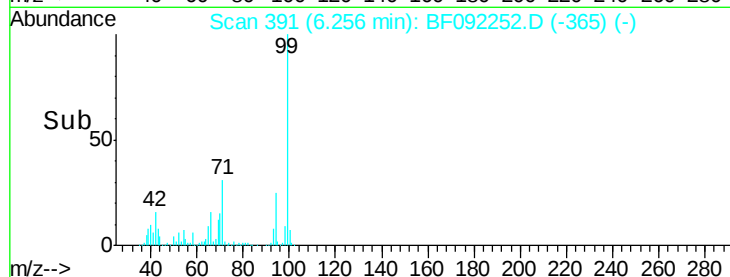
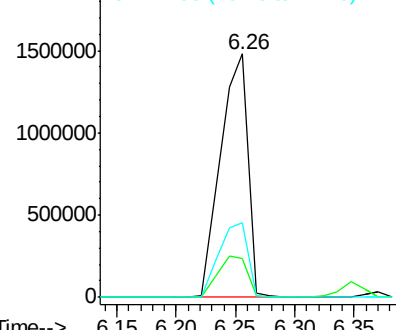
99 100

42 16.1 15.6 23.4

71 30.5 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: 45.89 ng

RT: 6.37 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

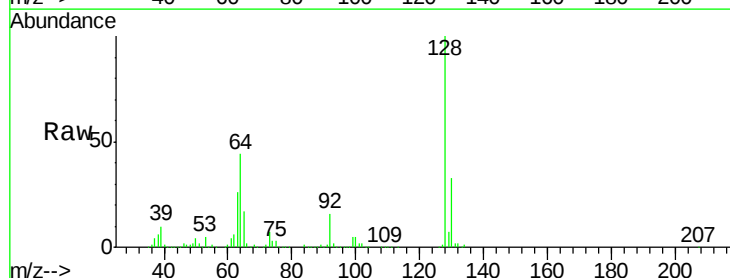
Tgt Ion: 128 Resp: 707380

Ion Ratio Lower Upper

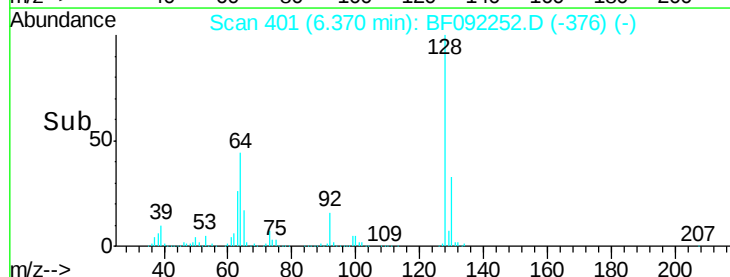
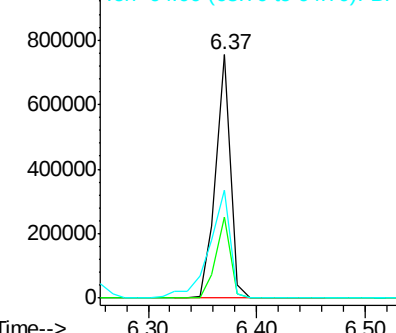
128 100

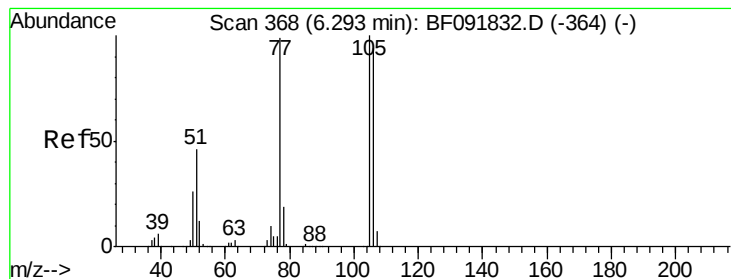
130 33.1 12.3 52.3

64 44.2 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





#9

Benzaldehyde

Concen: 3.29 ng

RT: 6.12 min Scan# 379

Delta R.T. -0.01 min

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BNA_F

ClientSampleId :

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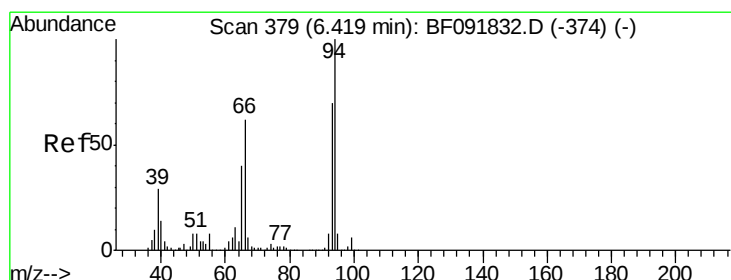
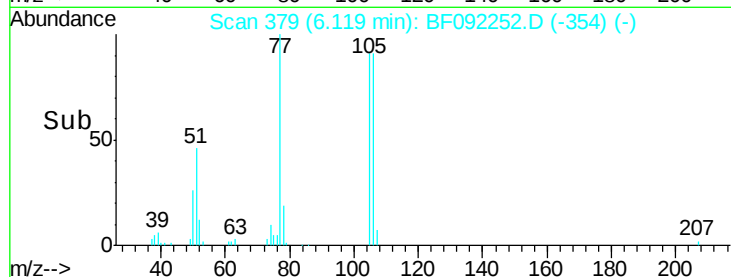
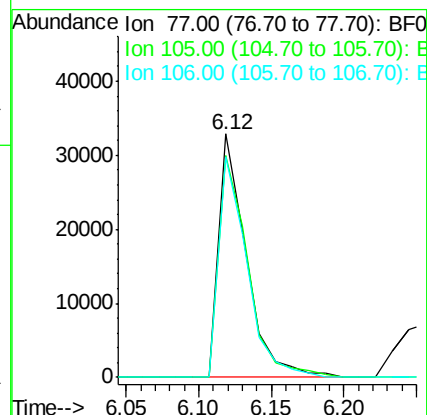
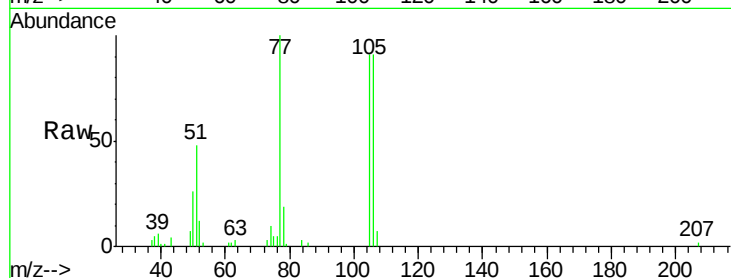
Tgt Ion: 77 Resp: 43369

Ion Ratio Lower Upper

77 100

105 91.3 83.9 123.9

106 90.5 77.6 117.6



#10

Phenol

Concen: 43.58 ng

RT: 6.27 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

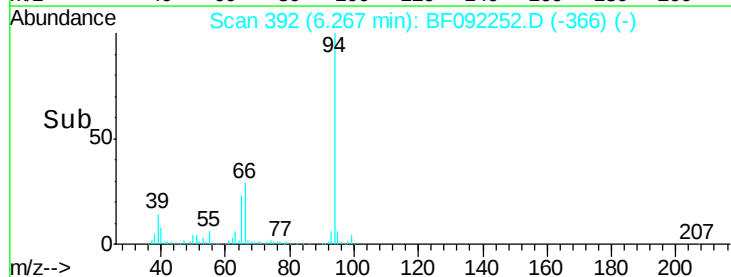
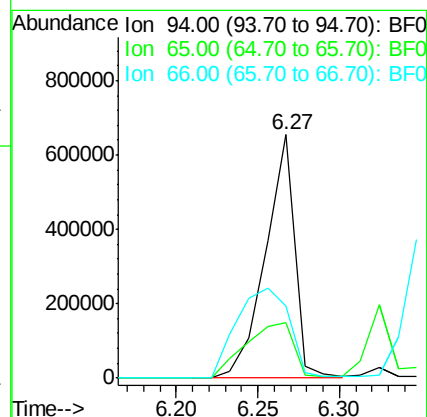
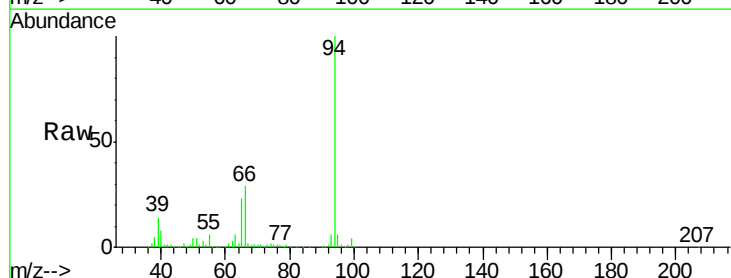
Tgt Ion: 94 Resp: 821644

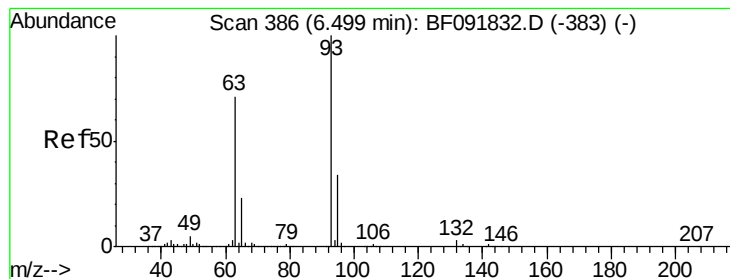
Ion Ratio Lower Upper

94 100

65 22.6 21.4 61.4

66 29.4 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 46.82 ng

RT: 6.32 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

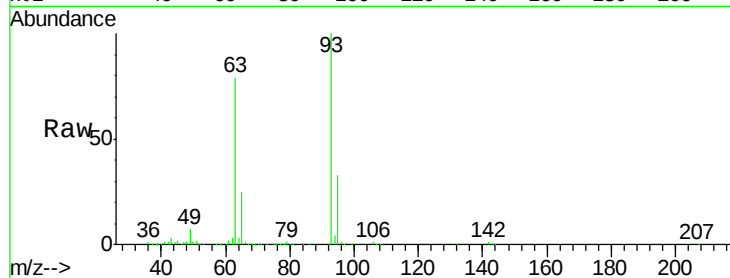
Tgt Ion: 93 Resp: 702375

Ion Ratio Lower Upper

93 100

63 79.1 60.4 100.4

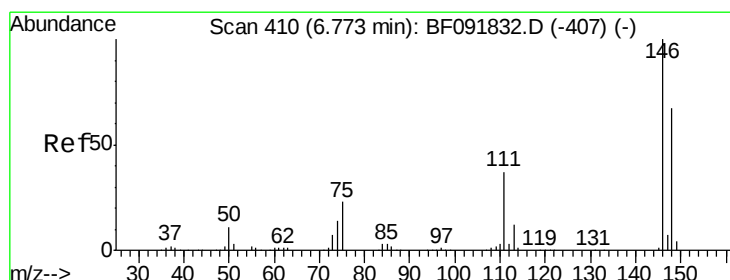
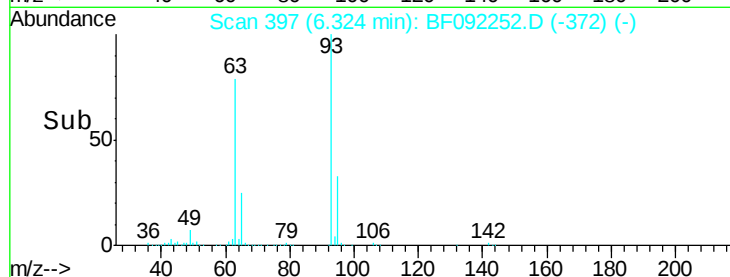
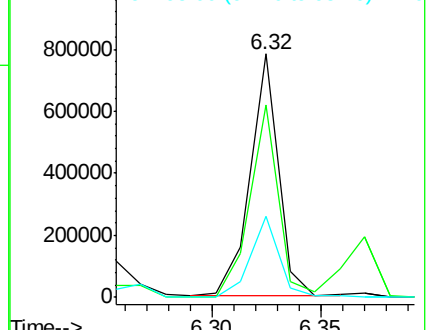
95 33.1 12.8 52.8



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: 42.12 ng

RT: 6.51 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

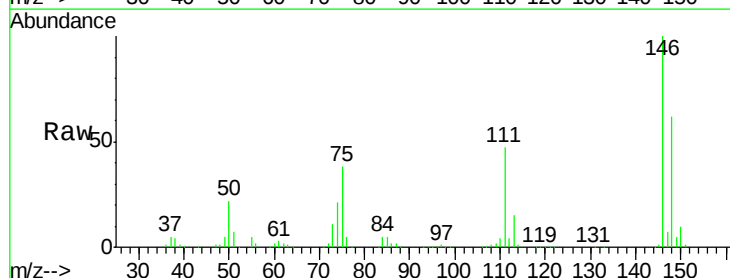
Tgt Ion: 146 Resp: 693112

Ion Ratio Lower Upper

146 100

148 62.5 53.4 80.0

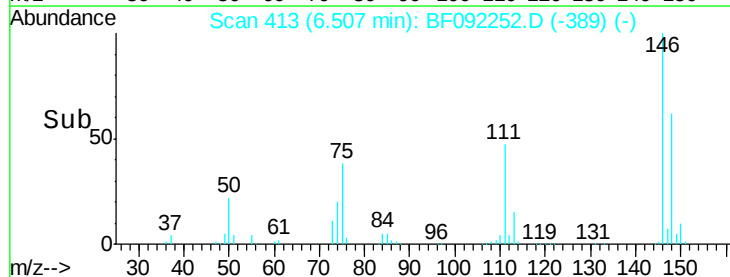
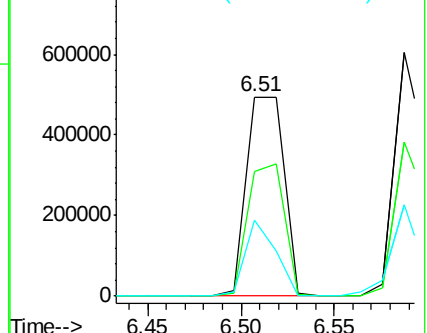
75 38.5 18.5 27.7#

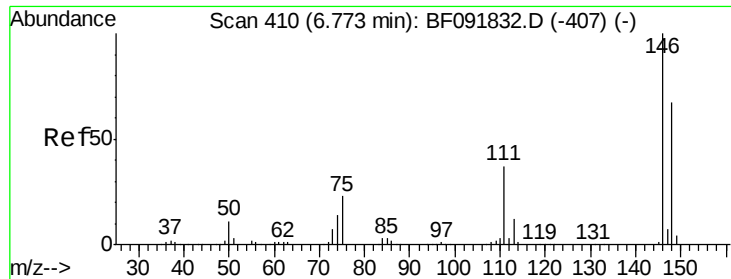


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

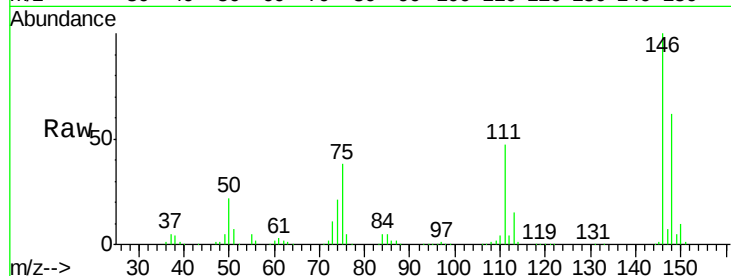




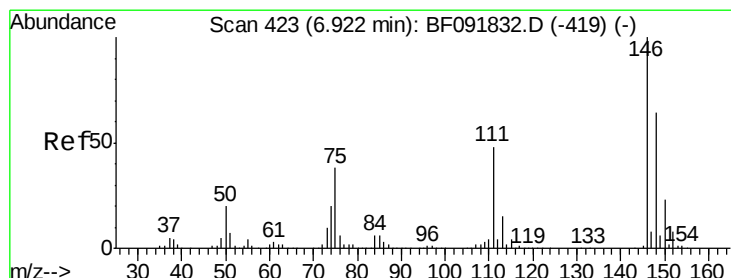
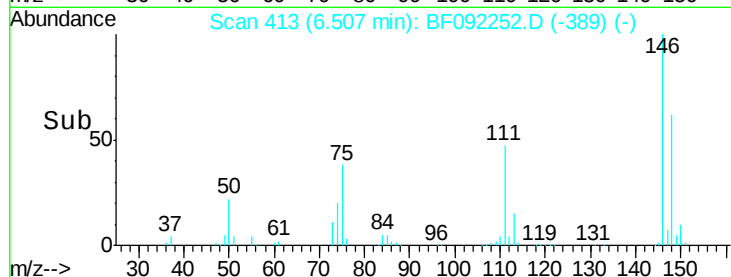
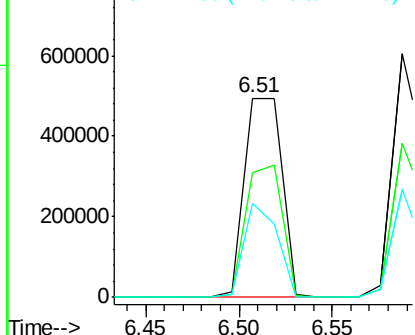
#13
 1,4-Dichlorobenzene
 Concen: 41.38 ng
 RT: 6.51 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tgt Ion:146 Resp: 693112
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.6 76.0
 111 47.5 36.2 54.4

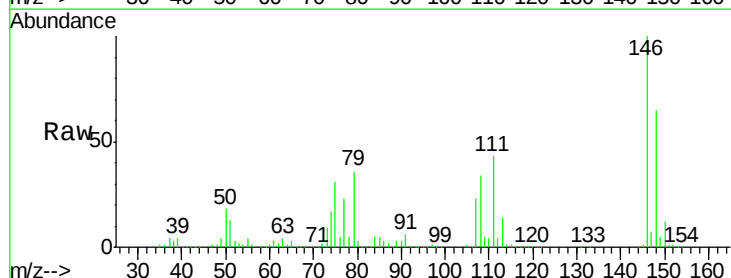


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

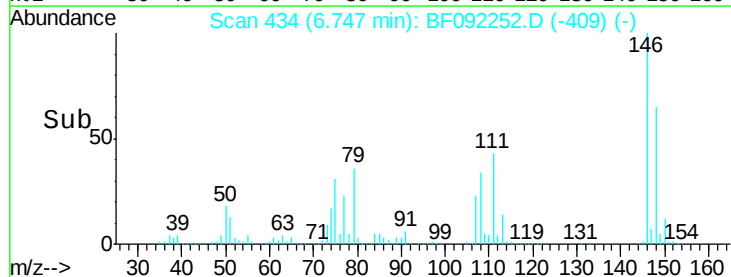
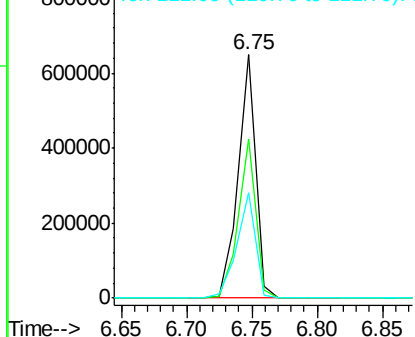


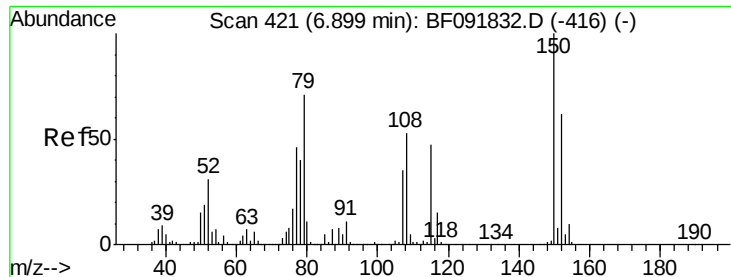
#14
 1,2-Dichlorobenzene
 Concen: 41.14 ng
 RT: 6.75 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion:146 Resp: 597863
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.2 78.2
 111 43.5 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.35 ng

RT: 6.74 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampled :

PB95965BS

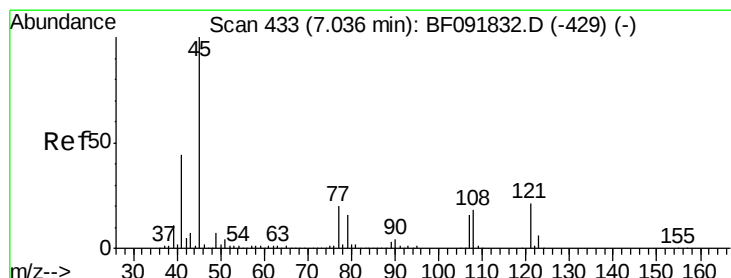
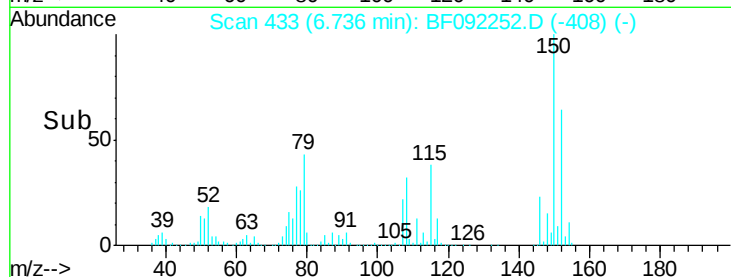
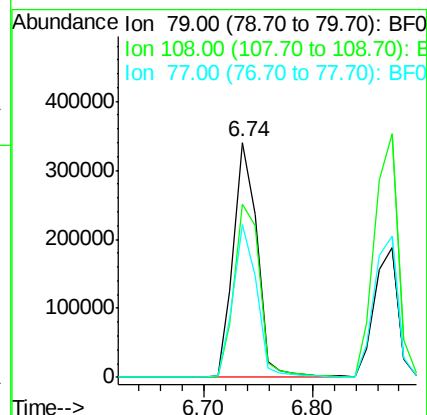
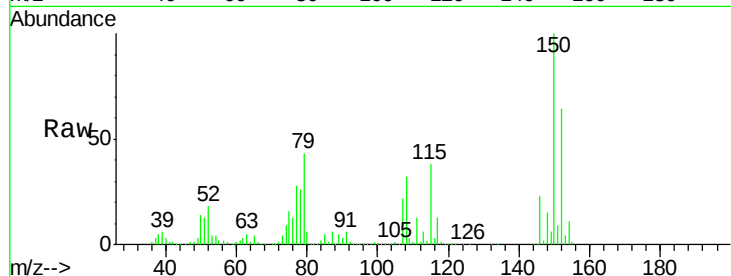
Tgt Ion: 79 Resp: 518731

Ion Ratio Lower Upper

79 100

108 73.7 61.4 92.0

77 65.1 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.84 ng

RT: 6.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

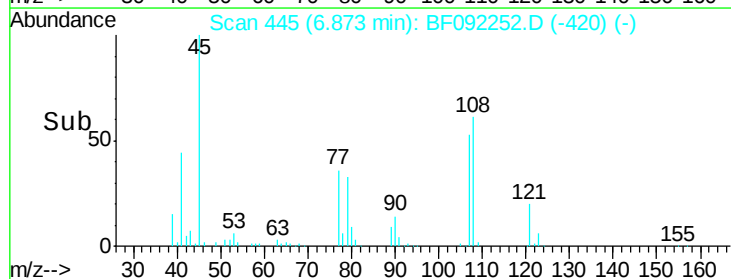
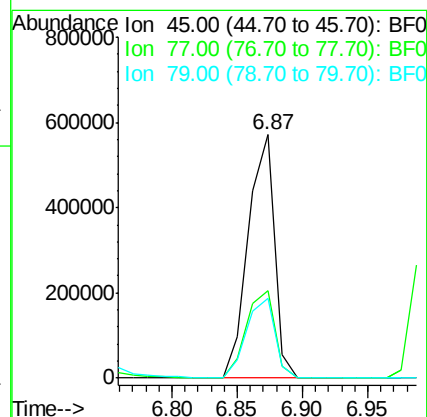
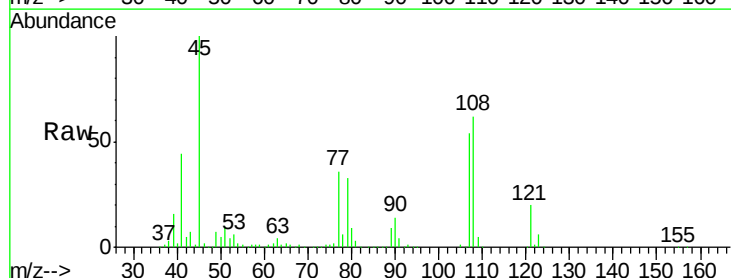
Tgt Ion: 45 Resp: 800718

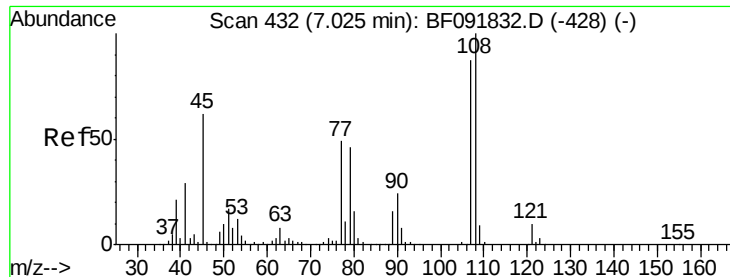
Ion Ratio Lower Upper

45 100

77 35.9 0.0 34.6#

79 33.0 0.0 31.2#

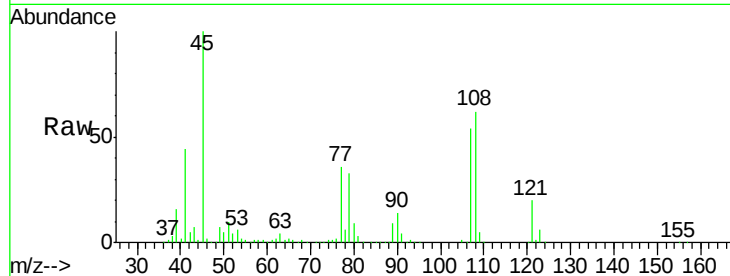




#17
2-Methylphenol
Concen: 37.73 ng
RT: 6.87 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.0	139.6
77	66.8	39.8	59.8#
79	61.3	38.0	57.0#



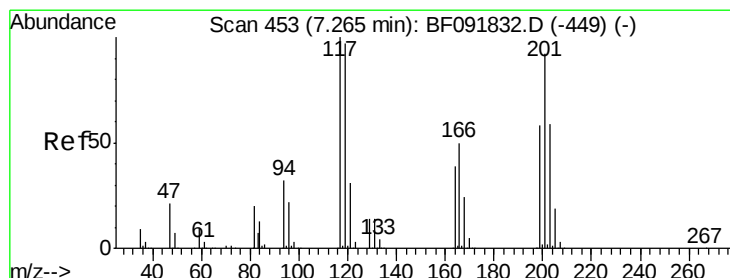
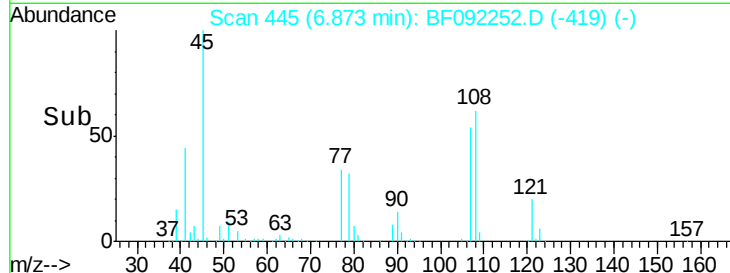
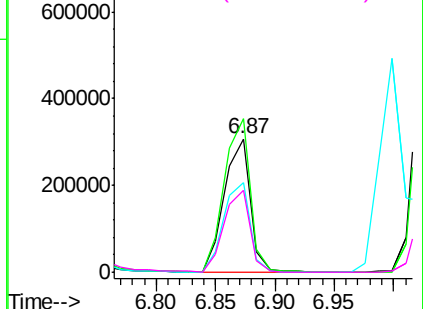
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

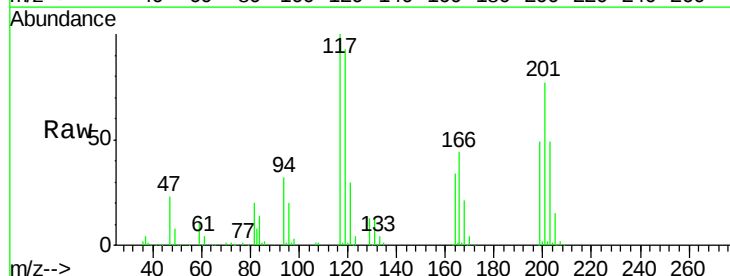
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 35.63 ng
RT: 7.08 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.1	117.1
201	77.0	78.6	117.8#

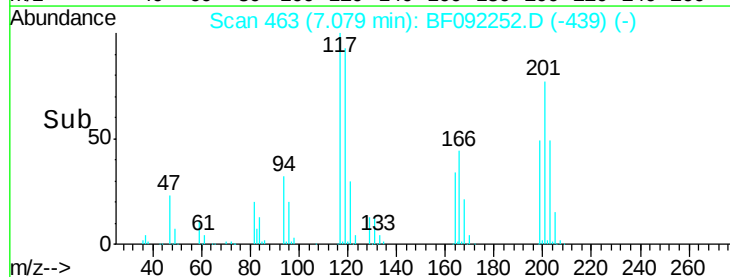
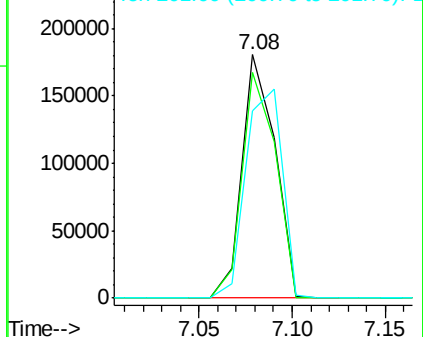


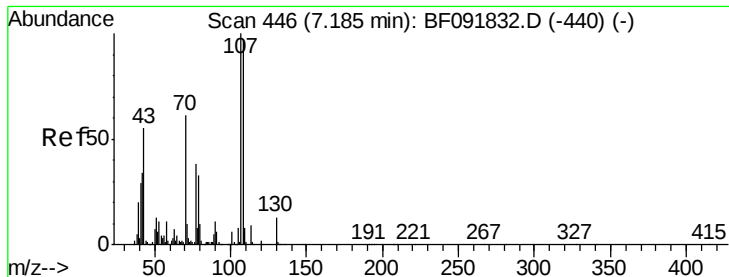
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

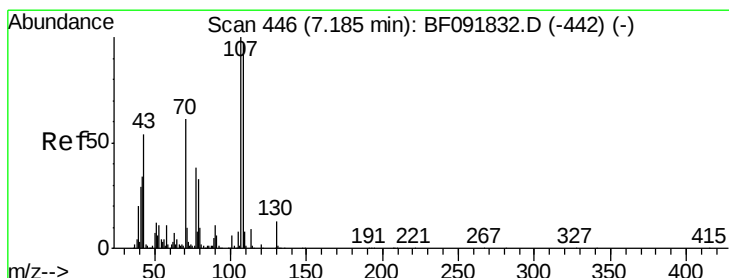
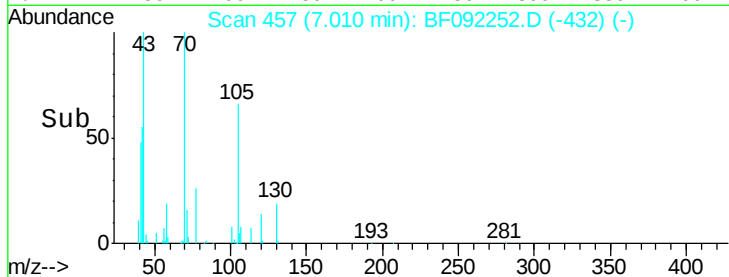
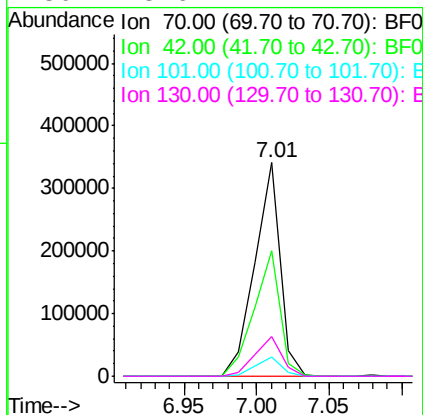
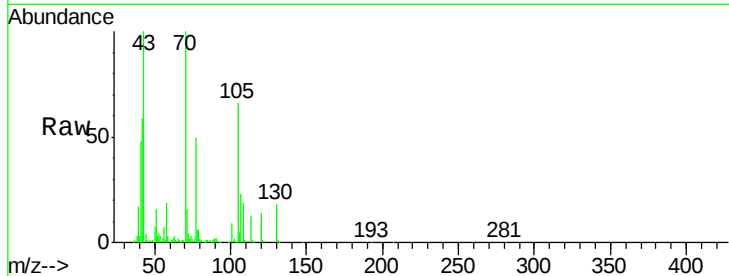




#19
n-Nitroso-di-n-propylamine
Concen: 37.69 ng
RT: 7.01 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

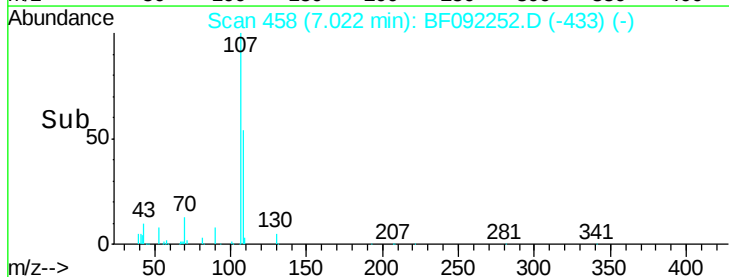
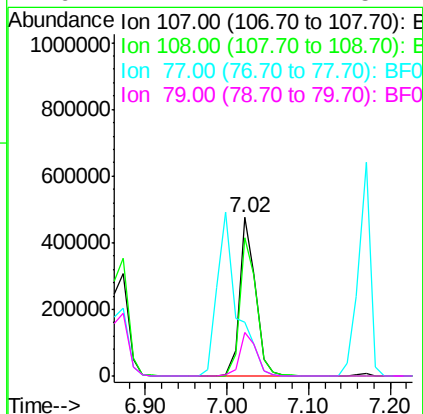
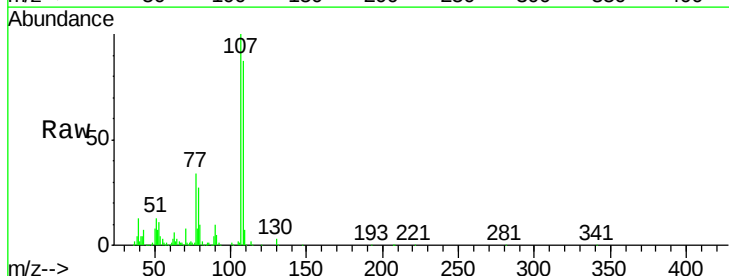
Instrument :
BNA_F
ClientSampleId :
PB95965BS

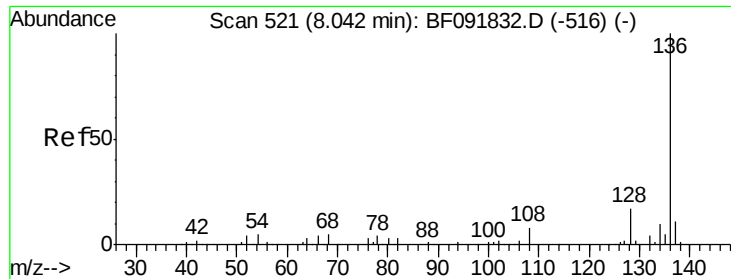
Tgt Ion:	70	Resp:	414880
Ion	Ratio	Lower	Upper
70	100		
42	59.0	49.4	74.0
101	8.9	7.4	11.2
130	18.6	14.2	21.4



#20
3+4-Methylphenols
Concen: 43.15 ng
RT: 7.02 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion:	107	Resp:	637993
Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.0	113.0
77	33.9	71.3	111.3#
79	27.1	11.1	51.1

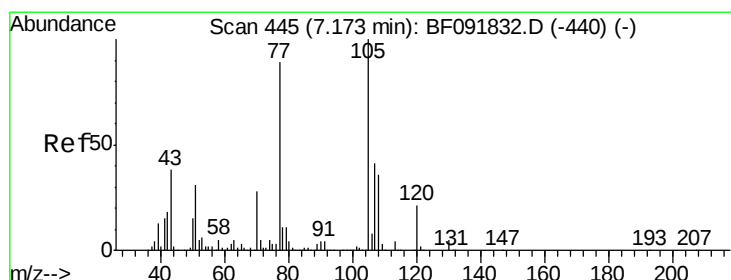
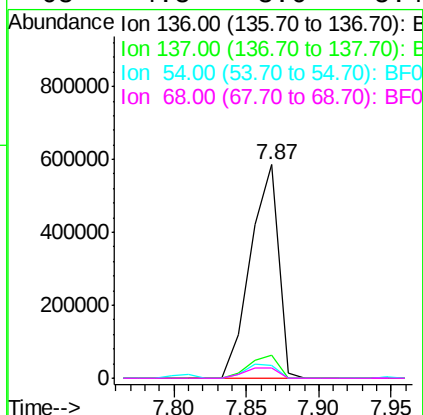
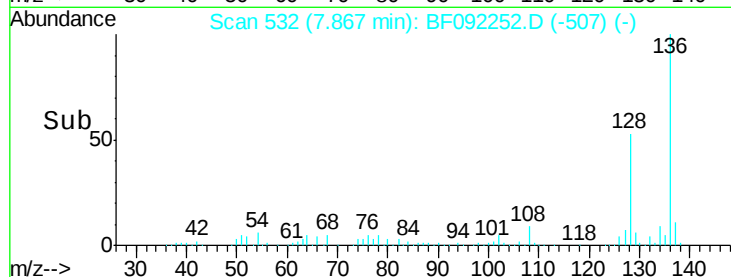
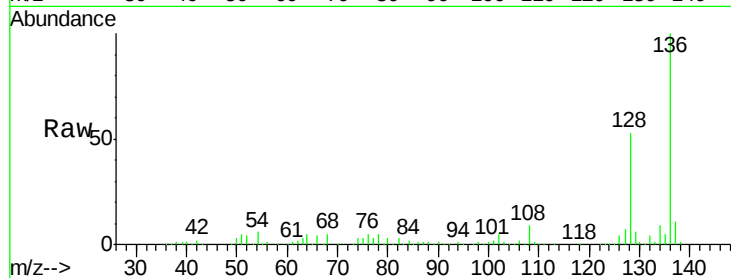




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

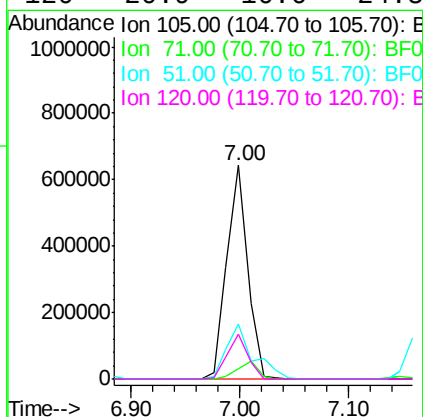
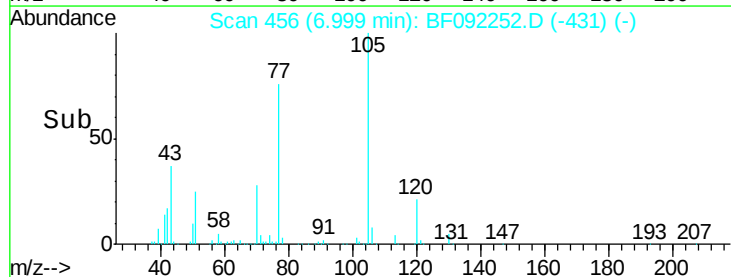
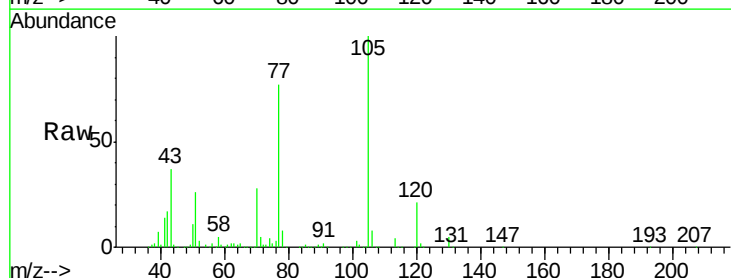
Instrument :
BNA_F
ClientSampleId :
PB95965BS

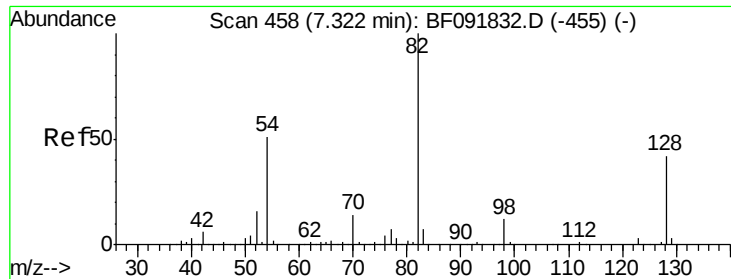
Tgt Ion:	136	Resp:	782774
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.1	4.5	6.7
68	4.8	3.6	5.4



#22
Acetophenone
Concen: 44.03 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion:	105	Resp:	850170
Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.2	4.8
51	25.6	26.2	39.4#
120	20.9	16.6	24.8

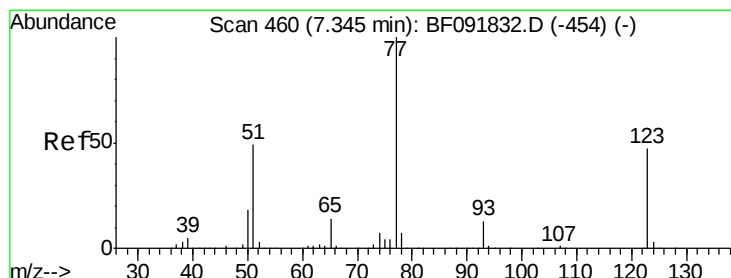
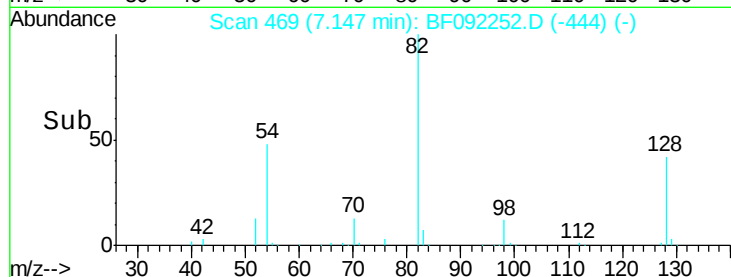
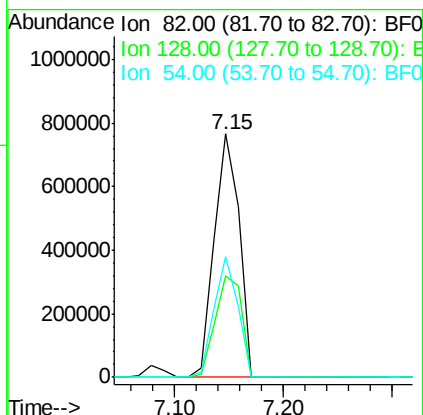
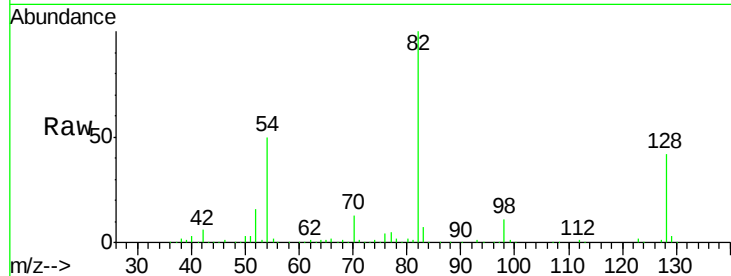




#23
 Nitrobenzene-d5
 Concen: 86.31 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

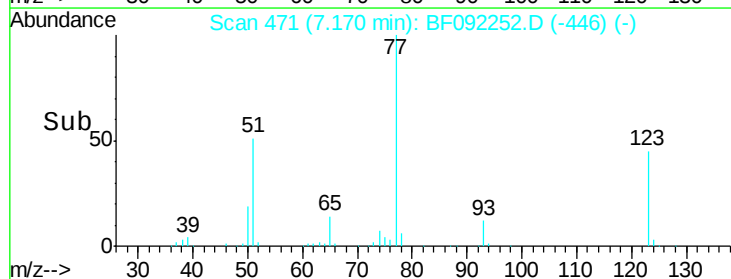
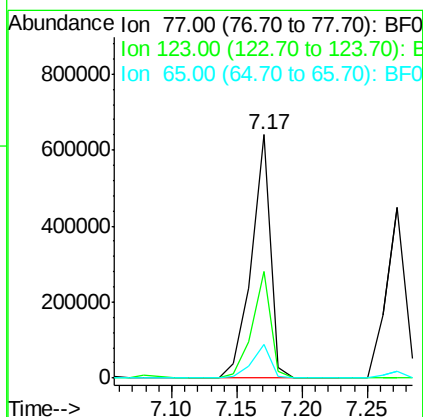
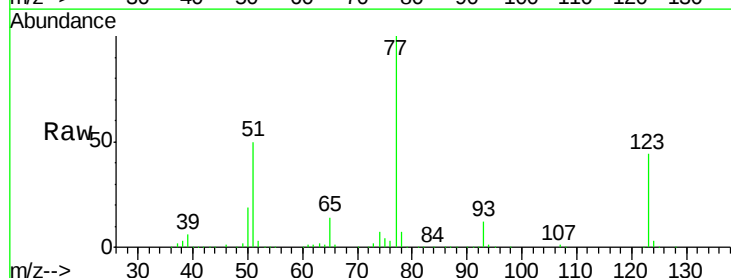
Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

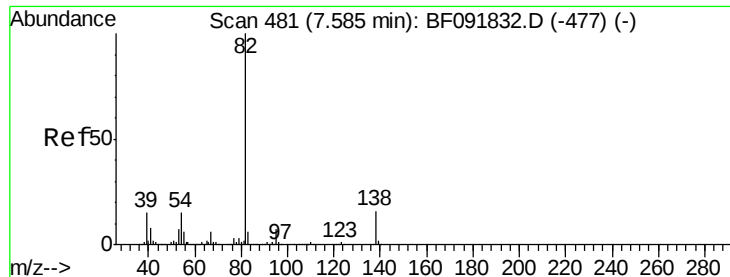
Tgt Ion: 82 Resp: 1215048
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 52.0
 54 49.7 39.5 59.3



#24
 Nitrobenzene
 Concen: 43.41 ng
 RT: 7.17 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion: 77 Resp: 650928
 Ion Ratio Lower Upper
 77 100
 123 43.7 33.0 49.4
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 45.97 ng

RT: 7.41 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

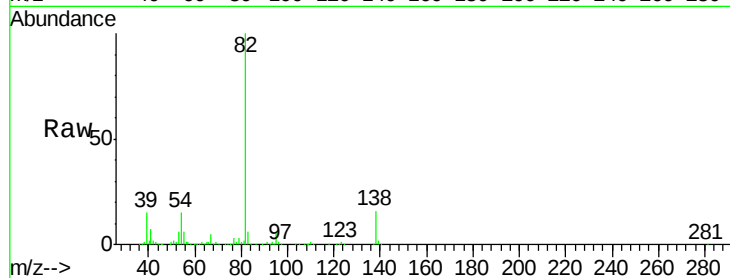
Tgt Ion: 82 Resp: 1193961

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

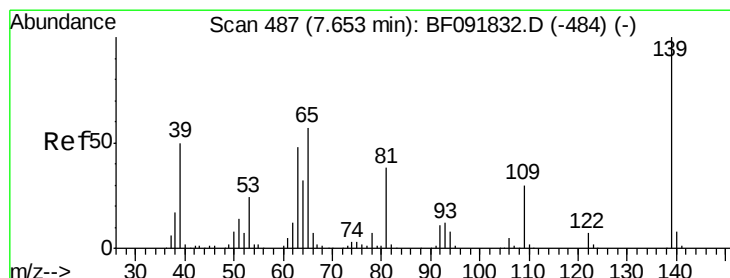
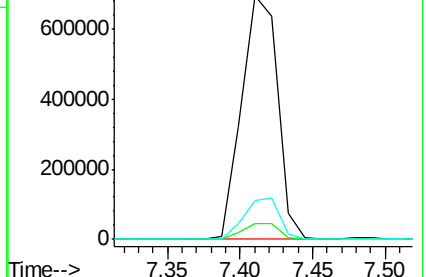
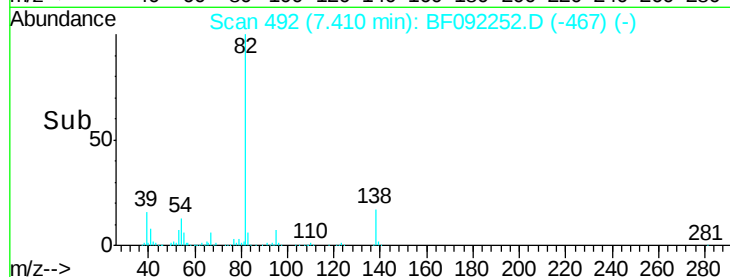
138 15.9 14.6 22.0



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: 46.28 ng

RT: 7.49 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

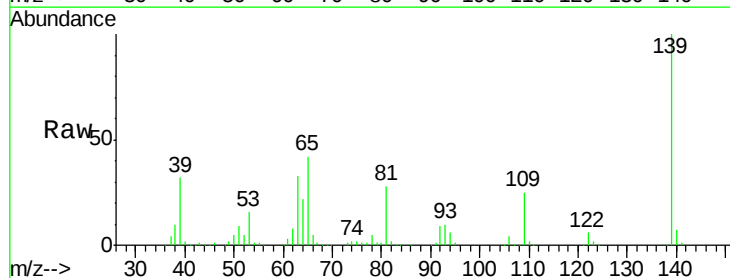
Tgt Ion: 139 Resp: 342196

Ion Ratio Lower Upper

139 100

109 25.2 23.3 34.9

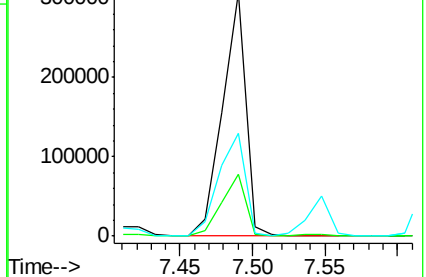
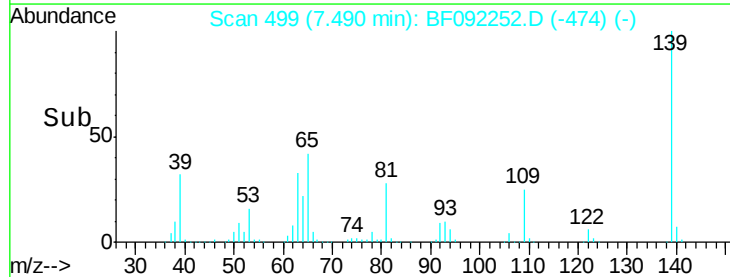
65 42.1 42.7 64.1#

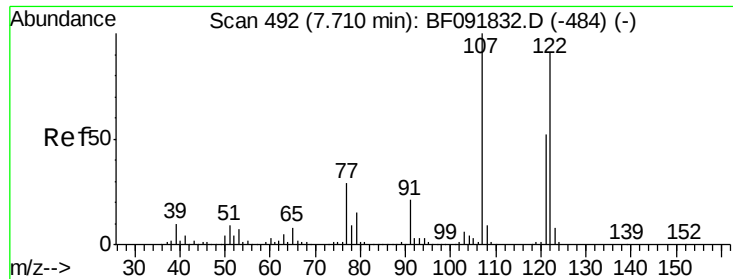


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

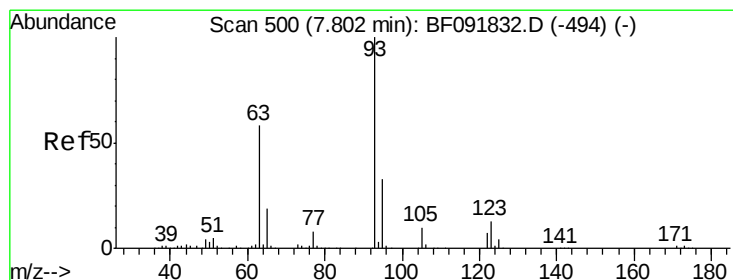
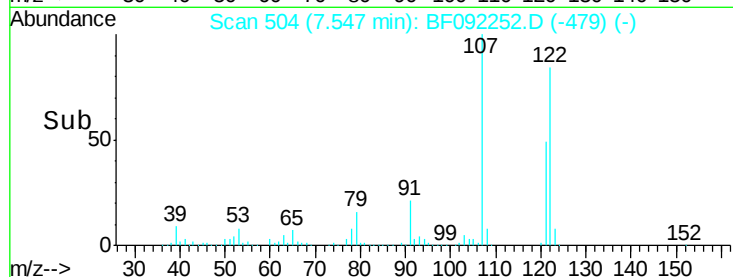
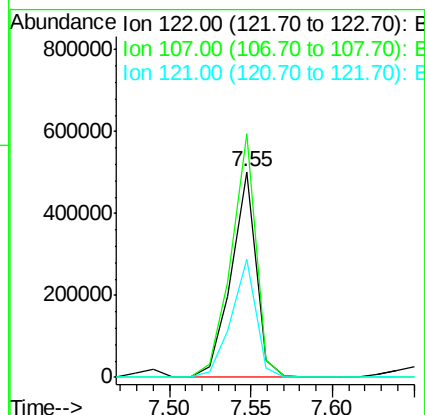
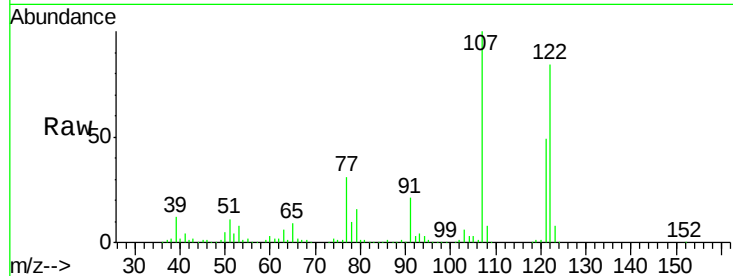




#27
 2,4-Dimethylphenol
 Concen: 43.38 ng
 RT: 7.55 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

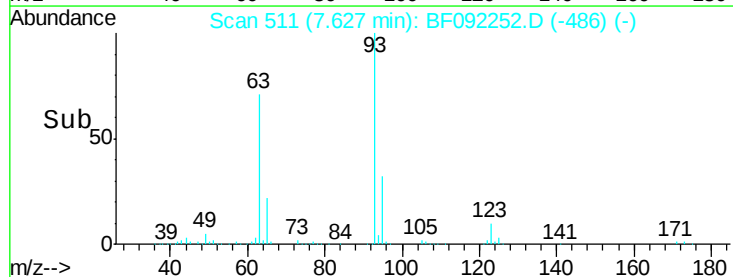
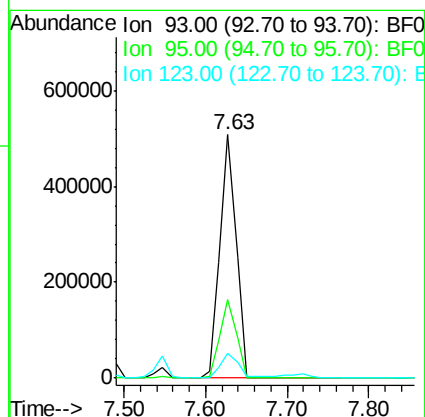
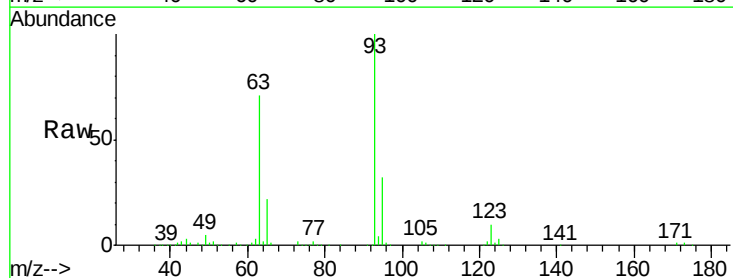
Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

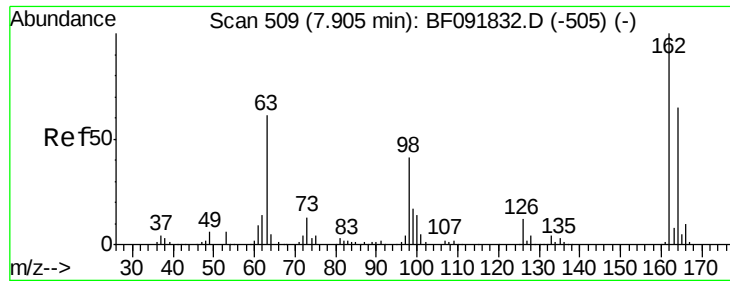
Tgt Ion: 122 Resp: 531978
 Ion Ratio Lower Upper
 122 100
 107 118.4 94.1 141.1
 121 57.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.52 ng
 RT: 7.63 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion: 93 Resp: 701094
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 10.0 8.6 13.0

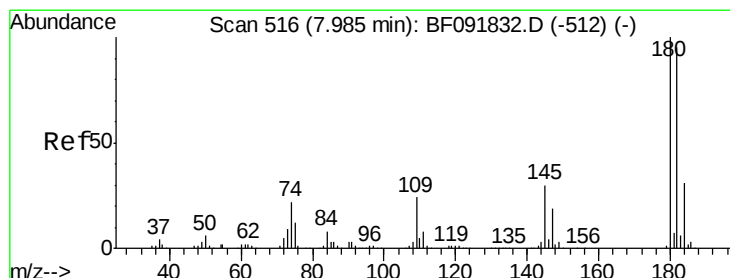
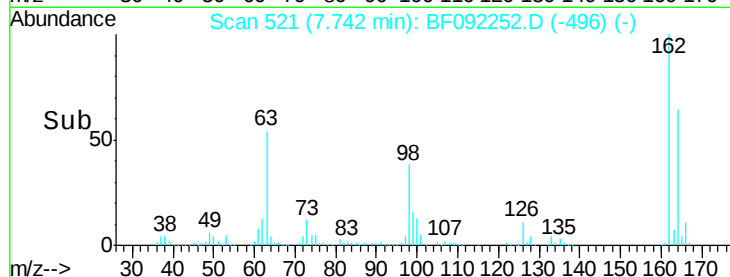
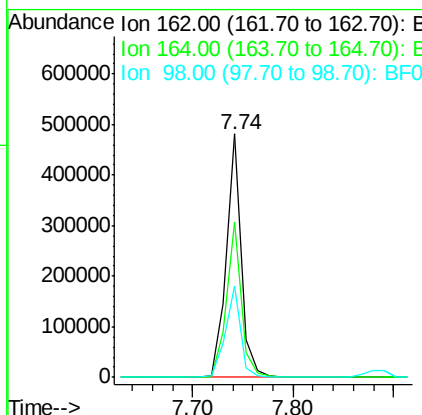
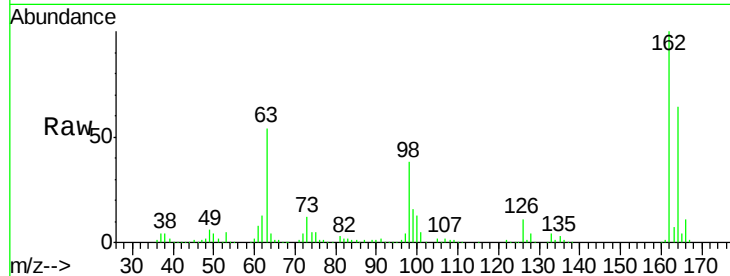




#29
2,4-Dichlorophenol
Concen: 47.76 ng
RT: 7.74 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

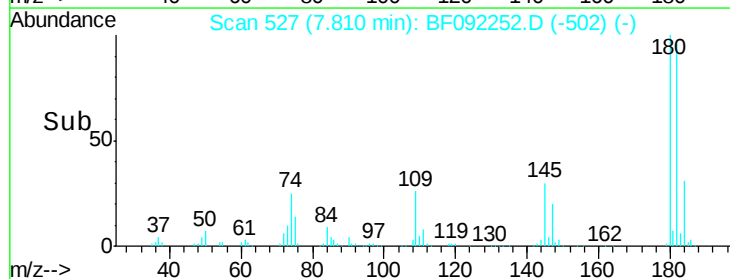
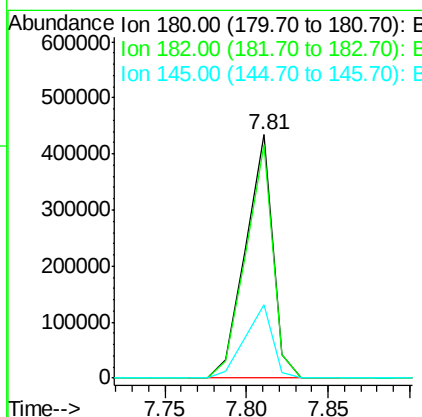
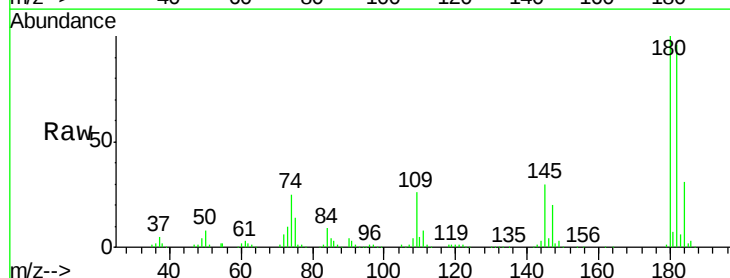
Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tgt Ion:162 Resp: 496005
Ion Ratio Lower Upper
162 100
164 63.8 46.8 86.8
98 37.6 9.1 49.1



#30
1,2,4-Trichlorobenzene
Concen: 44.22 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion:180 Resp: 503165
Ion Ratio Lower Upper
180 100
182 96.1 78.2 117.4
145 30.3 21.6 32.4





#31

Naphthalene

Concen: 46.45 ng

RT: 7.89 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

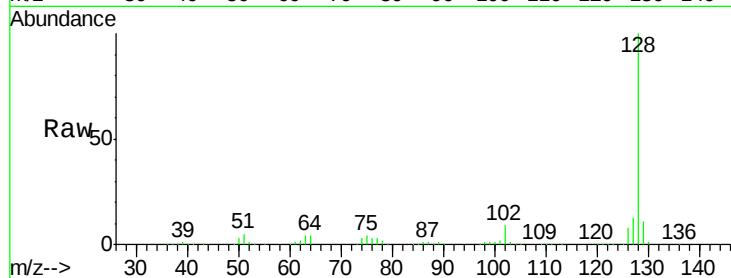
Tgt Ion:128 Resp: 1663990

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

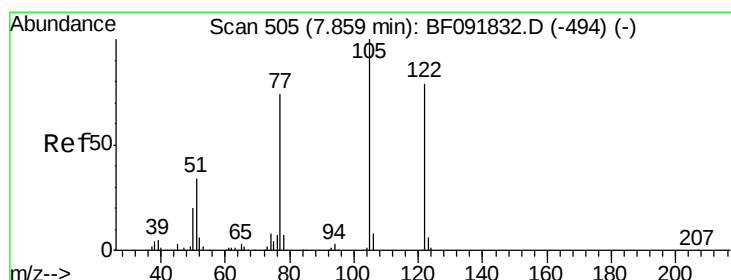
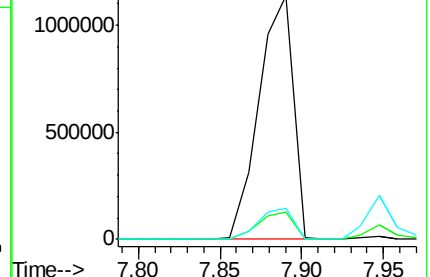
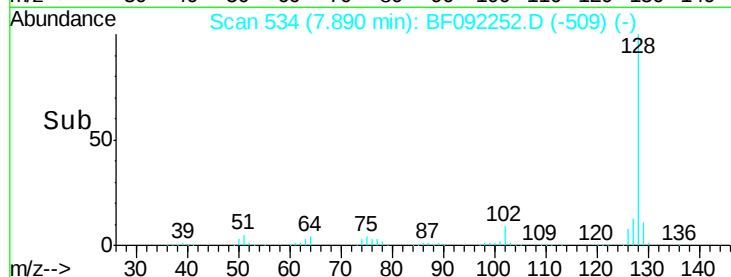
127 13.0 10.8 16.2



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: 36.41 ng

RT: 7.72 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

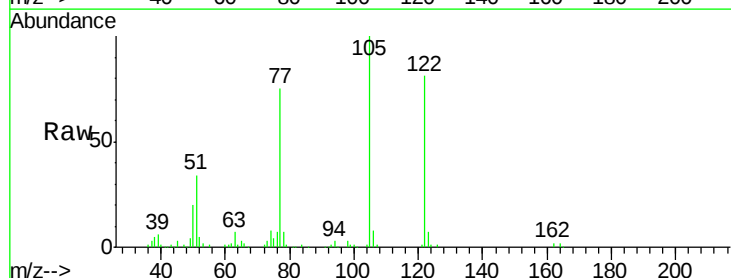
Tgt Ion:122 Resp: 331204

Ion Ratio Lower Upper

122 100

105 123.3 107.2 147.2

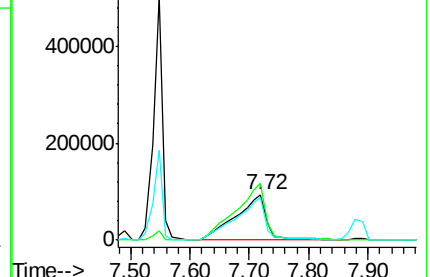
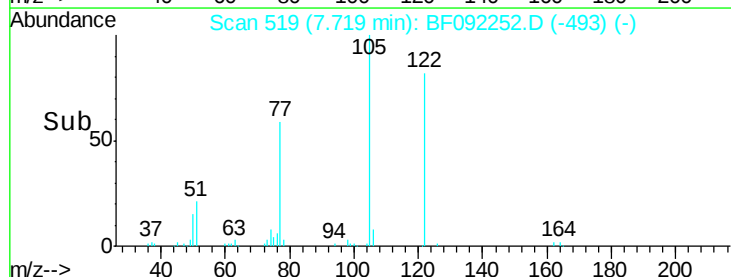
77 92.5 74.5 114.5



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

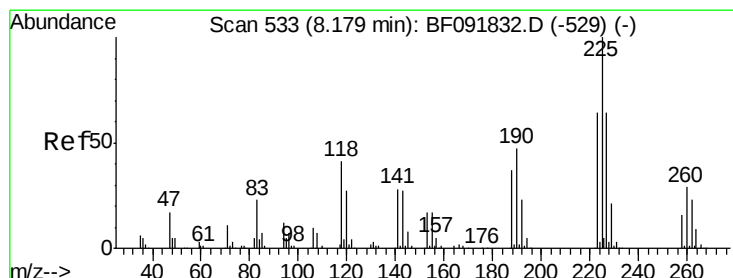
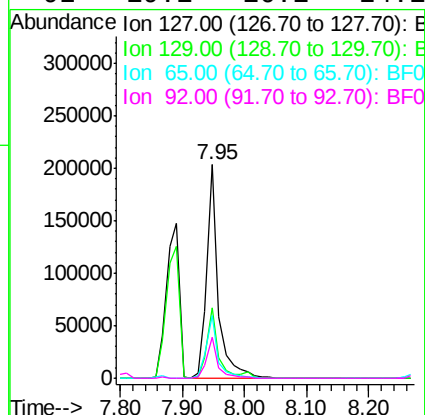
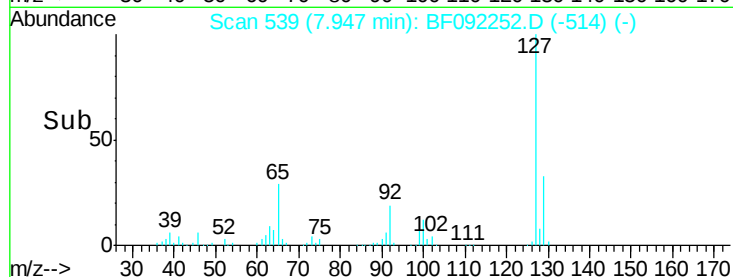
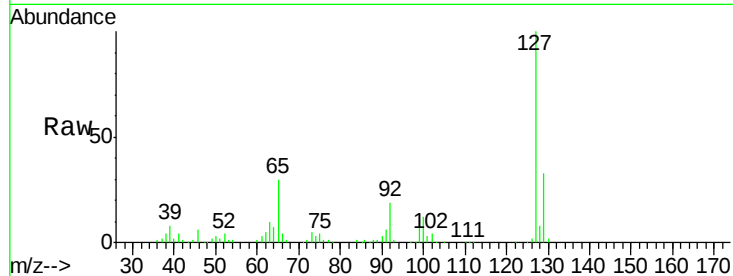




#33
4-Chloroaniline
Concen: 16.41 ng
RT: 7.95 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

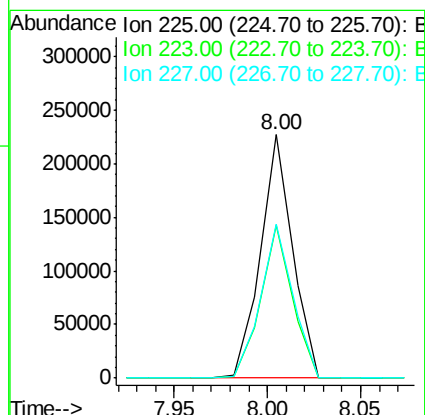
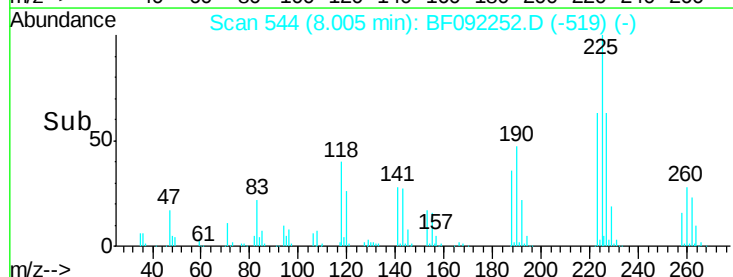
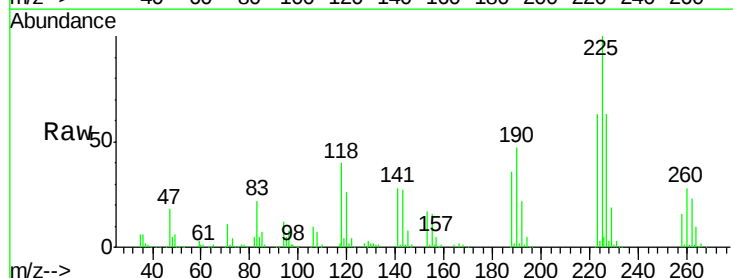
Instrument :
BNA_F
ClientSampleId :
PB95965BS

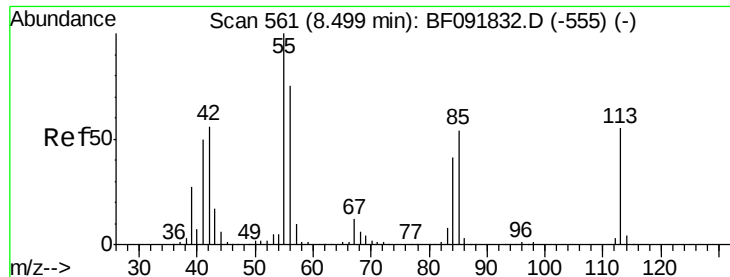
Tgt Ion:	127	Resp:	265165
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	29.6	25.8	38.8
92	19.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.82 ng
RT: 8.00 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion:	225	Resp:	269233
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	63.4	50.6	76.0

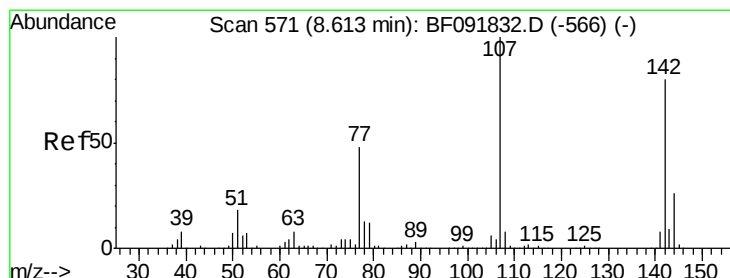
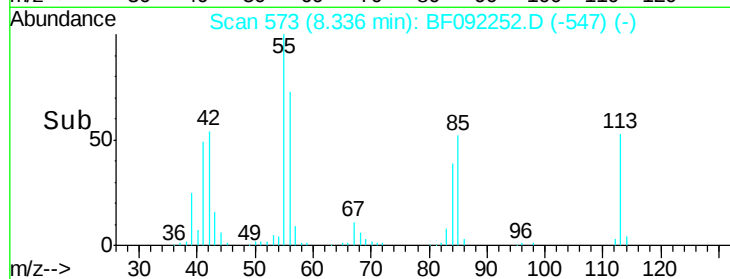
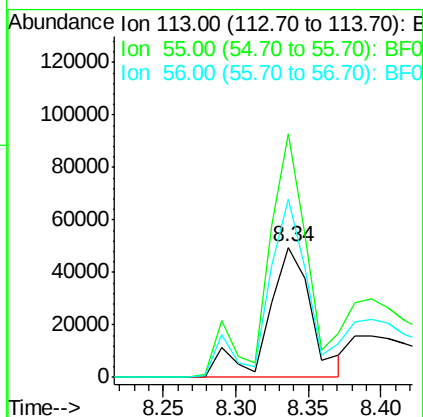
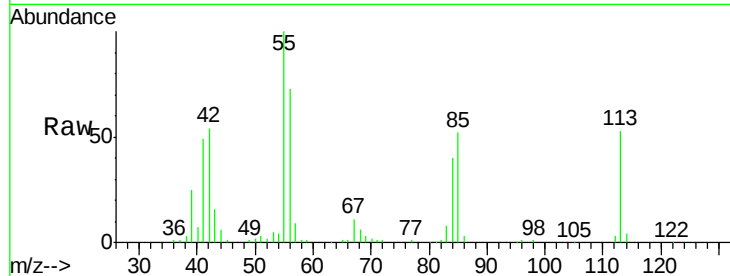




#35
 Caprolactam
 Concen: 30.07 ng
 RT: 8.34 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

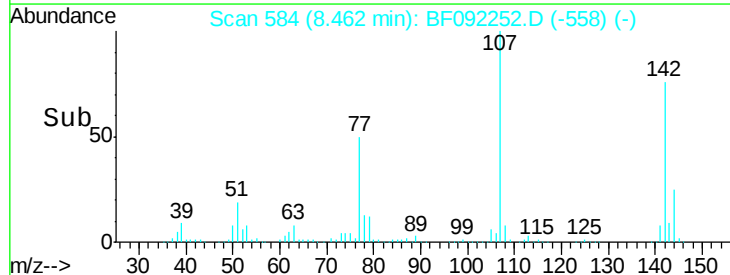
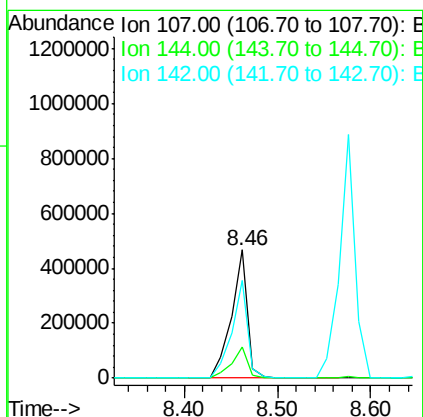
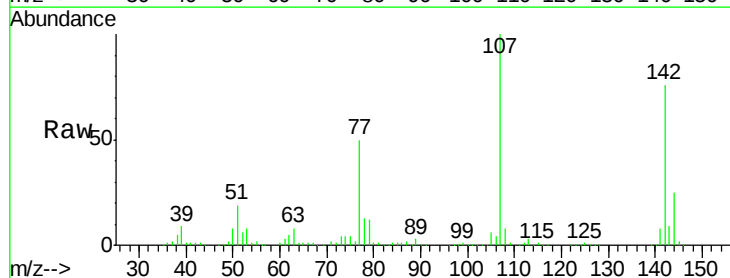
Instrument :
 BNA_F
 ClientSampleID :
 PB95965BS

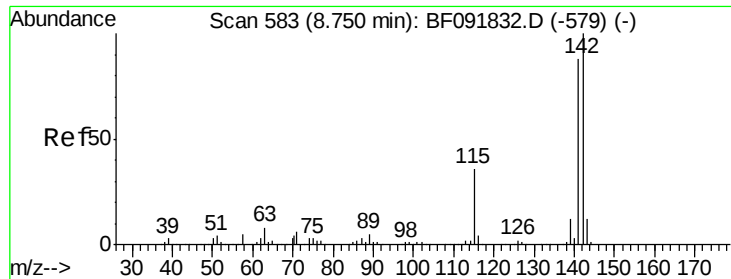
Tgt Ion:113 Resp: 102627
 Ion Ratio Lower Upper
 113 100
 55 187.3 119.2 159.2#
 56 137.0 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 47.13 ng
 RT: 8.46 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion:107 Resp: 563205
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.3 28.9
 142 76.3 59.0 88.6

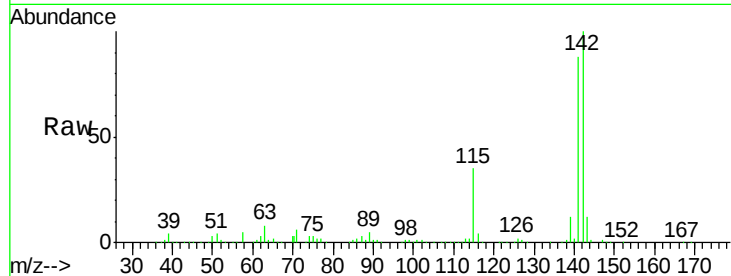




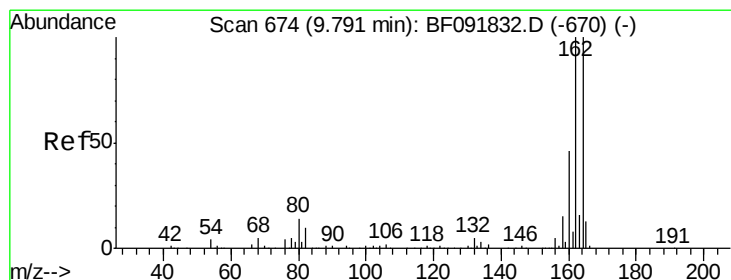
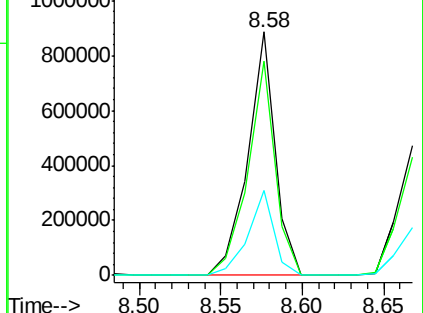
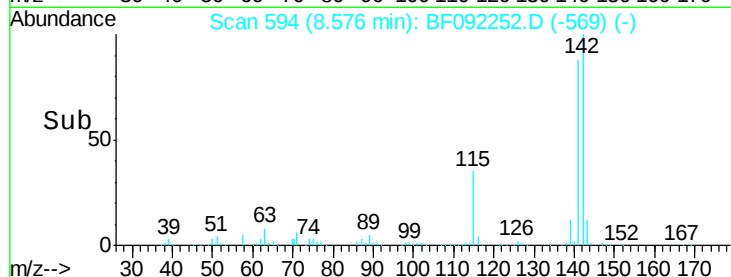
#37
 2-Methylnaphthalene
 Concen: 49.26 ng
 RT: 8.58 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Instrument :
 BNA_F
 ClientSampleID :
 PB95965BS

Tgt Ion:142 Resp: 1033049
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.0 106.6
 115 35.1 28.3 42.5

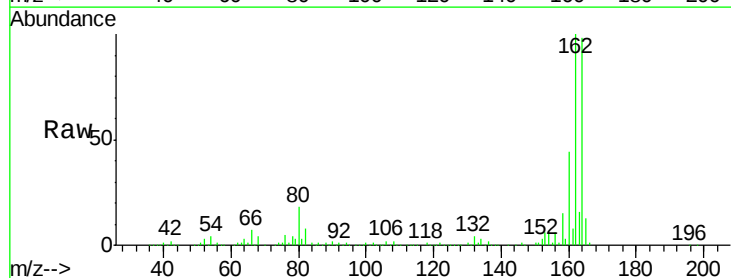


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

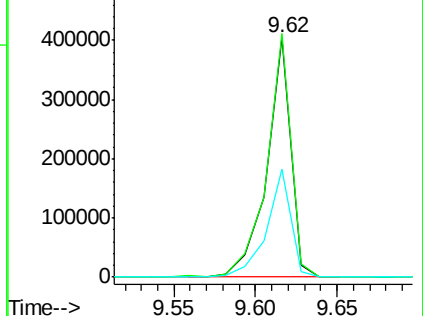
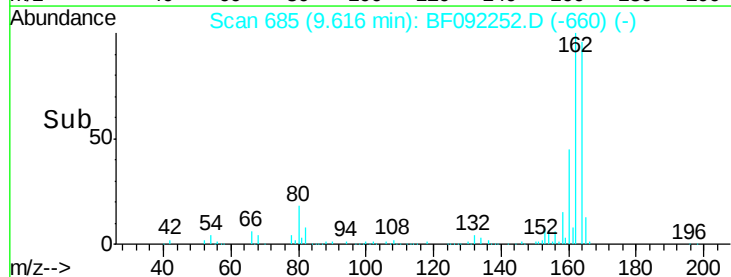


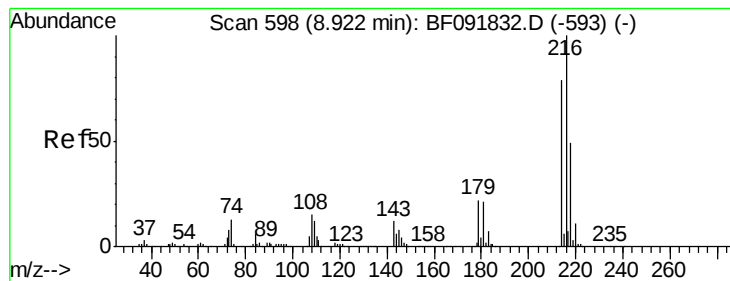
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion:164 Resp: 413907
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.2 120.2
 160 45.2 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.94 ng

RT: 8.75 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tgt Ion:216 Resp: 469955

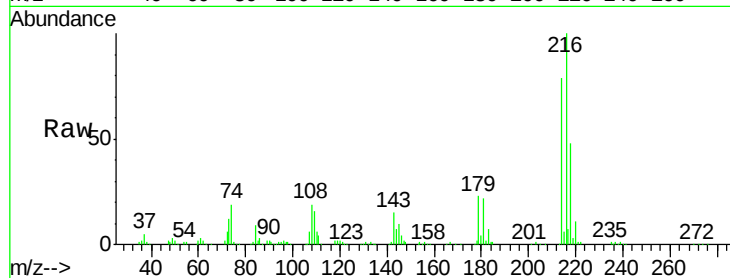
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 23.2 17.4 26.2

108 22.5 15.6 23.4

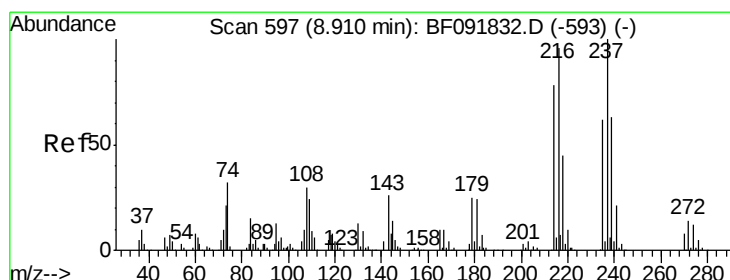
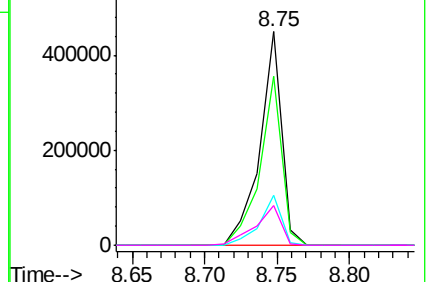
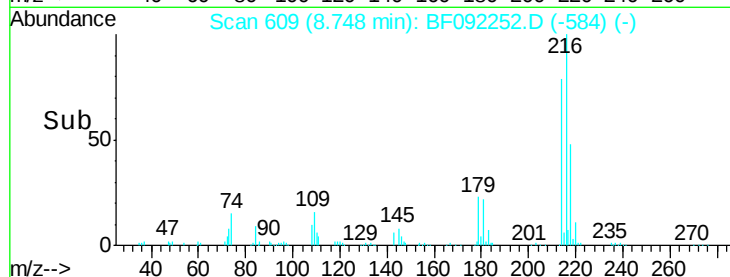


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 76.09 ng

RT: 8.74 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

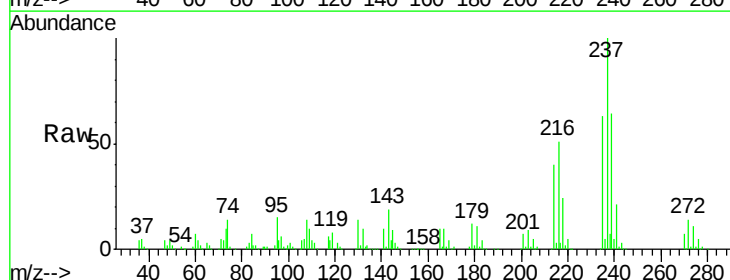
Tgt Ion:237 Resp: 353400

Ion Ratio Lower Upper

237 100

235 62.8 41.2 81.2

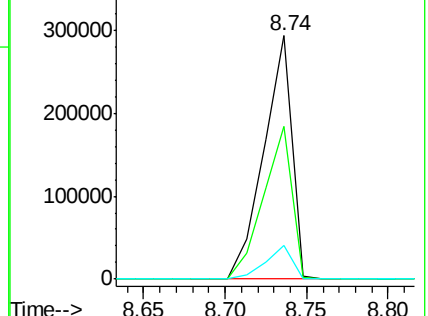
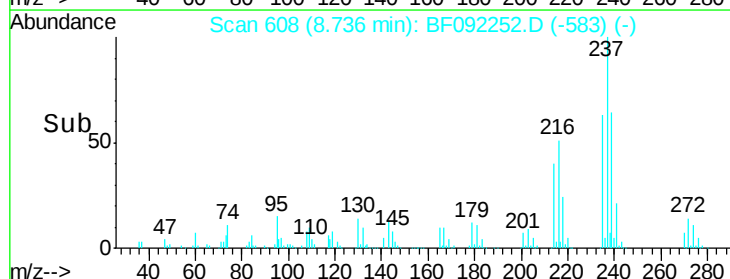
272 13.6 0.0 35.4

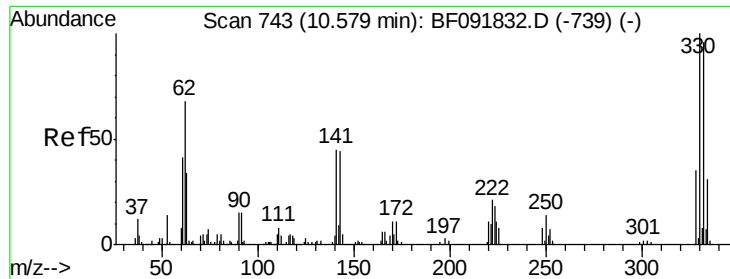


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

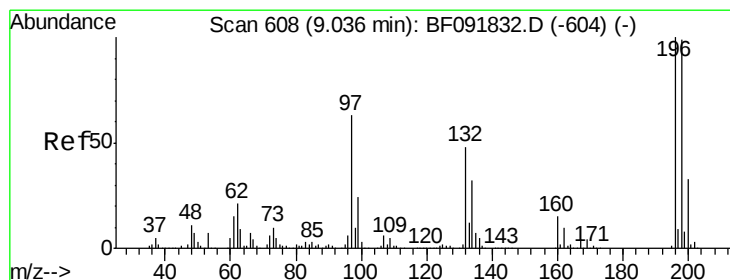
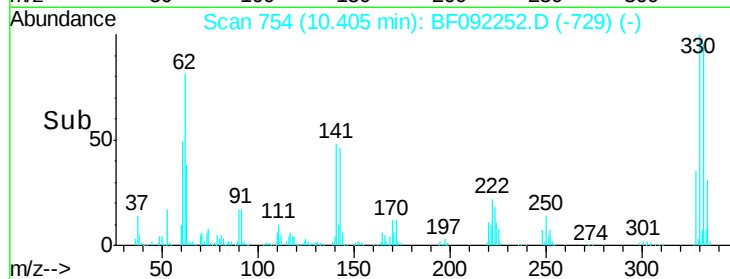
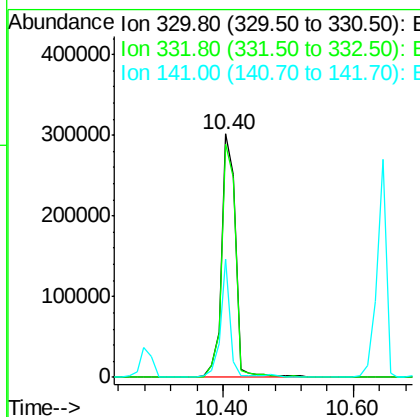
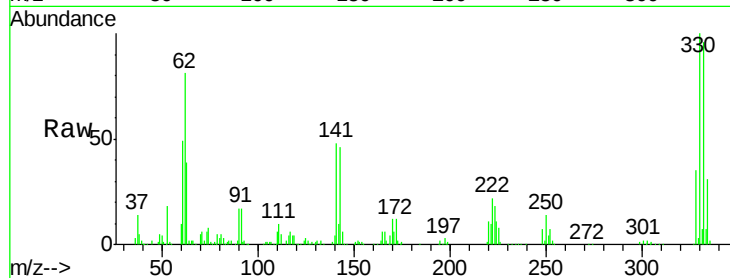




#41
 2,4,6-Tribromophenol
 Concen: 132.18 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tgt Ion:330 Resp: 452770
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 34.0 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 44.26 ng
 RT: 8.87 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion:196 Resp: 323680
 Ion Ratio Lower Upper
 196 100
 198 101.0 82.1 123.1
 200 32.2 27.0 40.4

