

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090722.D
 Acq On : 21 Oct 2016 20:52
 Operator : UM/SJ
 Sample : PB94239BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Quant Time: Oct 21 23:25:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	279283	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1219577	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	611412	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	937556	20.00	ng	0.00
75) Chrysene-d12	14.02	240	682267	20.00	ng	0.00
86) Perylene-d12	15.46	264	448676	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1607971	92.85	ng	0.02
7) Phenol-d6	6.50	99	2219701	94.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	1497544	67.35	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	571039	118.00	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2601326	66.05	ng	-0.01
78) Terphenyl-d14	12.97	244	2163426	72.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	259504	25.90	ng	# 79
3) Pyridine	3.34	79	645115	27.47	ng	# 74
4) n-Nitrosodimethylamine	3.31	42	235075	29.26	ng	# 64
6) Aniline	6.52	93	648962	24.40	ng	# 52
8) 2-Chlorophenol	6.65	128	721932	34.73	ng	94
9) Benzaldehyde	6.41	77	133904	10.44	ng	# 77
10) Phenol	6.51	94	756326	28.68	ng	# 56
11) bis(2-Chloroethyl)ether	6.60	93	766889	34.62	ng	89
12) 1,3-Dichlorobenzene	6.79	146	704794	33.75	ng	# 91
13) 1,4-Dichlorobenzene	6.87	146	746840	33.72	ng	# 93
14) 1,2-Dichlorobenzene	6.87	146	756726	34.90	ng	95
15) Benzyl Alcohol	7.00	79	577650	36.26	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1040606	31.36	ng	75
17) 2-Methylphenol	7.11	107	576294	36.79	ng	# 81
18) Hexachloroethane	7.37	117	297928	33.14	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	554874	31.76	ng	# 71
20) 3+4-Methylphenols	7.27	107	705299	37.99	ng	# 68
22) Acetophenone	7.27	105	983786	36.20	ng	# 80
24) Nitrobenzene	7.45	77	817179	33.90	ng	# 73
25) Isophorone	7.69	82	1549655	36.82	ng	# 89
26) 2-Nitrophenol	7.75	139	362222	36.78	ng	# 46
27) 2,4-Dimethylphenol	7.80	122	627957	35.96	ng	# 79
28) bis(2-Chloroethoxy)methane	7.89	93	879980	38.21	ng	# 93
29) 2,4-Dichlorophenol	8.01	162	567353	39.59	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	626982	37.18	ng	96
31) Naphthalene	8.17	128	2159589	36.20	ng	97
32) Benzoic acid	7.94	122	340637	30.87	ng	# 60
33) 4-Chloroaniline	8.21	127	405090	18.31	ng	# 85
34) Hexachlorobutadiene	8.28	225	327284	34.51	ng	98
35) Caprolactam	8.59	113	102053	24.93	ng	# 79
36) 4-Chloro-3-methylphenol	8.70	107	604153	36.25	ng	# 79
37) 2-Methylnaphthalene	8.85	142	1296668	37.19	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	589445	35.70	ng	97
40) Hexachlorocyclopentadiene	9.01	237	705241	90.99	ng	95

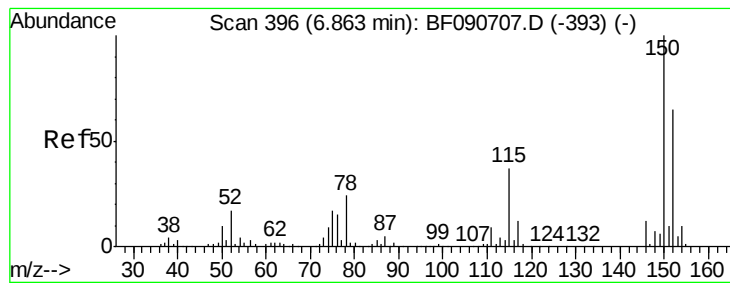
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	406370	39.69	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	392959	37.82	ng #	95
45) 1,1'-Biphenyl	9.32	154	1571629	32.73	ng	91
46) 2-Chloronaphthalene	9.34	162	1231233	34.50	ng #	88
47) 2-Nitroaniline	9.45	65	437710	36.95	ng #	80
48) Acenaphthylene	9.77	152	1946005	35.74	ng	96
49) Dimethylphthalate	9.63	163	1484446	38.64	ng #	98
50) 2,6-Dinitrotoluene	9.69	165	306003	37.04	ng #	54
51) Acenaphthene	9.94	154	1415711	39.16	ng	88
52) 3-Nitroaniline	9.86	138	197891	20.84	ng #	65
53) 2,4-Dinitrophenol	9.96	184	310025	69.97	ng #	39
54) Dibenzofuran	10.11	168	1782778	40.71	ng #	87
55) 4-Nitrophenol	10.03	139	471694	80.78	ng #	54
56) 2,4-Dinitrotoluene	10.10	165	412825	40.88	ng #	94
57) Fluorene	10.45	166	1402090	38.63	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	328432	40.28	ng	93
59) Diethylphthalate	10.33	149	1473982	36.99	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	674378	40.66	ng	90
61) 4-Nitroaniline	10.47	138	326154	33.91	ng #	46
62) Azobenzene	10.60	77	1733709	37.16	ng	86
64) 4,6-Dinitro-2-methylphenol	10.50	198	191005	33.32	ng	78
65) n-Nitrosodiphenylamine	10.57	169	1193649	39.74	ng	90
66) 4-Bromophenyl-phenylether	10.93	248	393697	43.32	ng	94
67) Hexachlorobenzene	11.00	284	434609	40.52	ng #	79
68) Atrazine	11.09	200	374426	45.16	ng	85
69) Pentachlorophenol	11.20	266	493334	74.76	ng	98
70) Phenanthrene	11.46	178	1799947	37.66	ng	95
71) Anthracene	11.46	178	1815306	34.25	ng	95
72) Carbazole	11.62	167	1738887	39.24	ng #	93
73) Di-n-butylphthalate	11.95	149	2236265	38.91	ng #	96
74) Fluoranthene	12.59	202	1675515	36.24	ng	97
76) Benzidine	12.72	184	518884	34.25	ng #	96
77) Pyrene	12.82	202	1755836	36.85	ng	95
79) Butylbenzylphthalate	13.45	149	944747	43.13	ng	93
80) Benzo(a)anthracene	14.01	228	1413956	37.87	ng	95
81) 3,3'-Dichlorobenzidine	13.97	252	298321	23.06	ng	98
82) Chrysene	14.01	228	1413956	38.80	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1235391	39.42	ng #	96
84) Di-n-octyl phthalate	14.61	149	1761876	37.04	ng #	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	943377	29.67	ng #	95
87) Benzo(b)fluoranthene	15.05	252	1142373	41.41	ng #	88
88) Benzo(k)fluoranthene	15.05	252	1142373	41.20	ng #	89
89) Benzo(a)pyrene	15.40	252	960266	37.10	ng #	87
90) Dibenzo(a,h)anthracene	16.88	278	808808	32.54	ng #	87
91) Benzo(g,h,i)perylene	17.29	276	789469	32.75	ng #	82

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

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PB94239BS

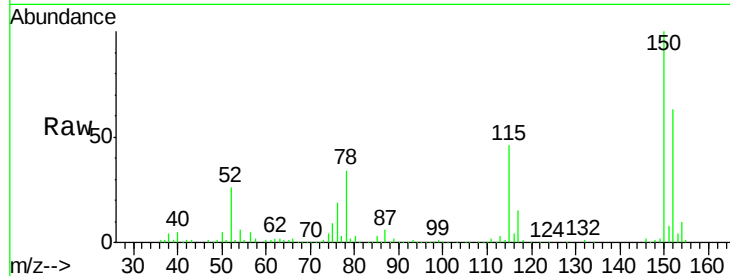
Tgt Ion: 152 Resp: 279283

Ion Ratio Lower Upper

152 100

150 158.3 124.7 187.1

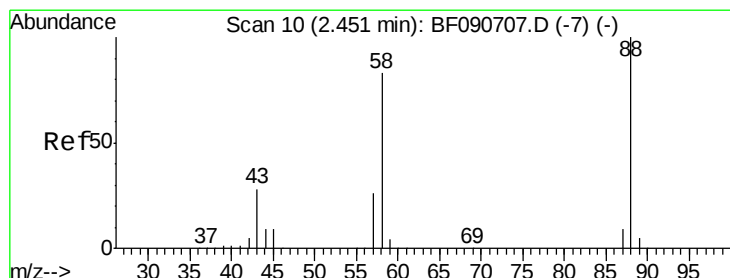
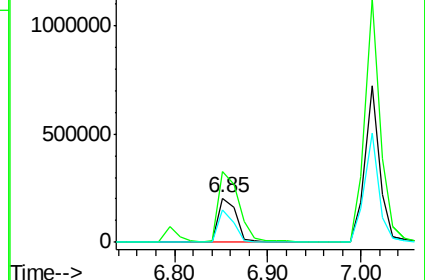
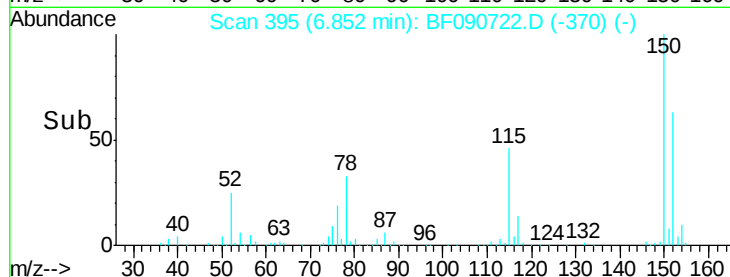
115 72.4 39.0 58.4#



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: 25.90 ng

RT: 2.63 min Scan# 26

Delta R.T. 0.15 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

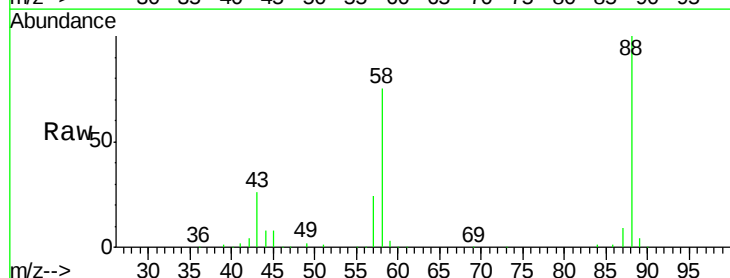
Tgt Ion: 88 Resp: 259504

Ion Ratio Lower Upper

88 100

58 75.1 77.7 116.5#

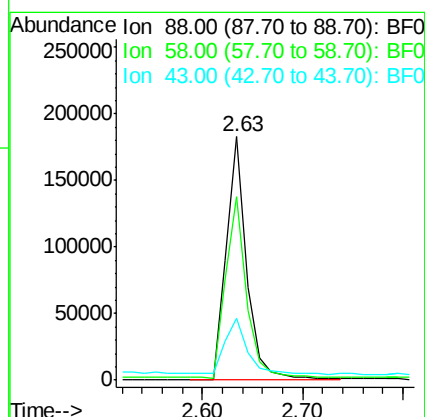
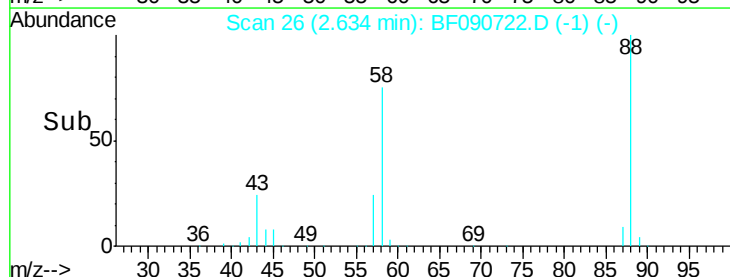
43 24.4 26.6 40.0#

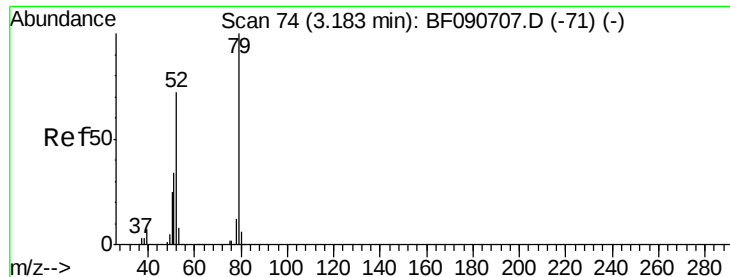


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.47 ng

RT: 3.34 min Scan# 88

Delta R.T. 0.14 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

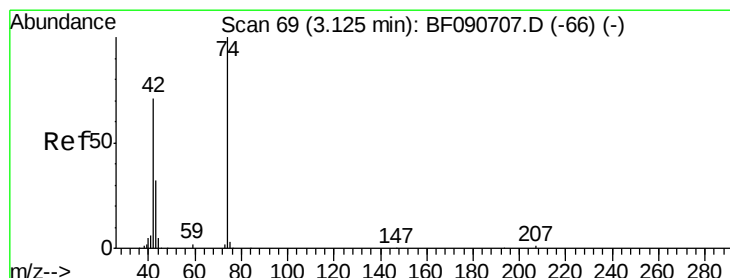
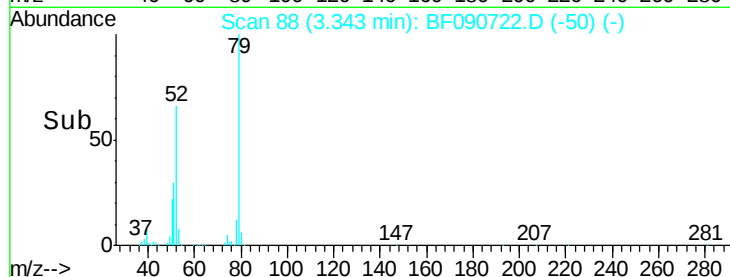
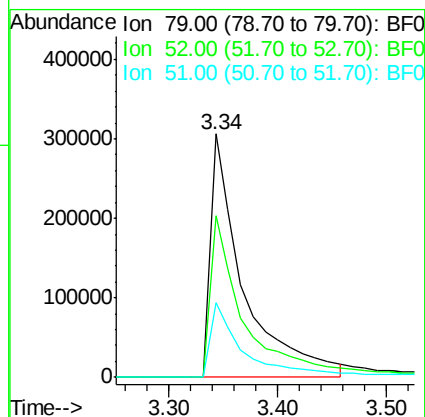
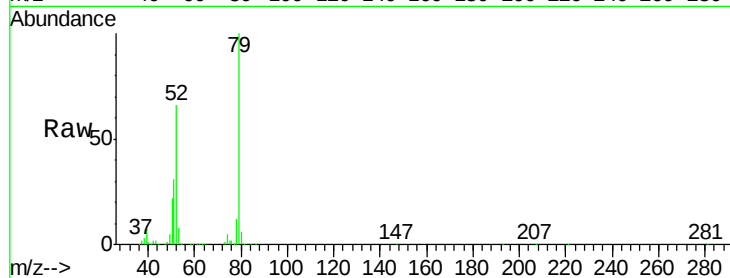
Tgt Ion: 79 Resp: 645115

Ion Ratio Lower Upper

79 100

52 66.5 76.8 115.2#

51 30.6 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 29.26 ng

RT: 3.31 min Scan# 85

Delta R.T. 0.15 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

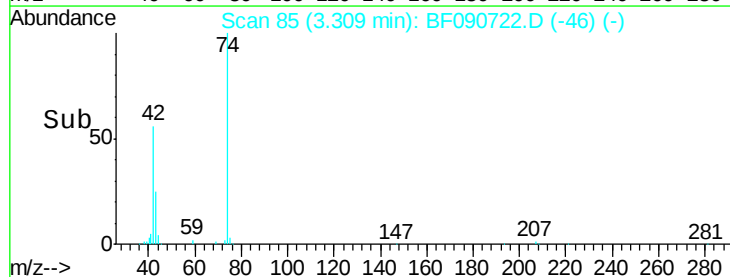
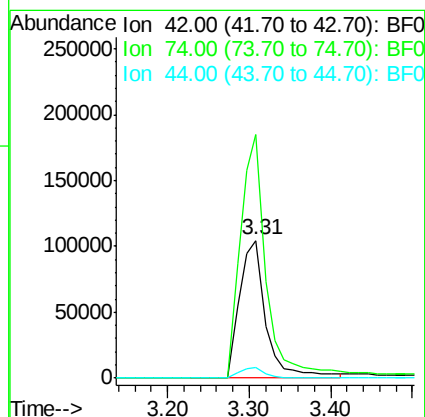
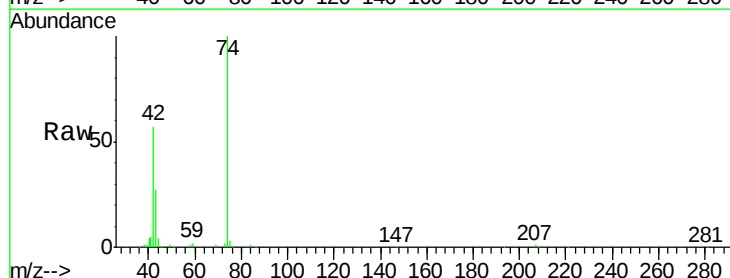
Tgt Ion: 42 Resp: 235075

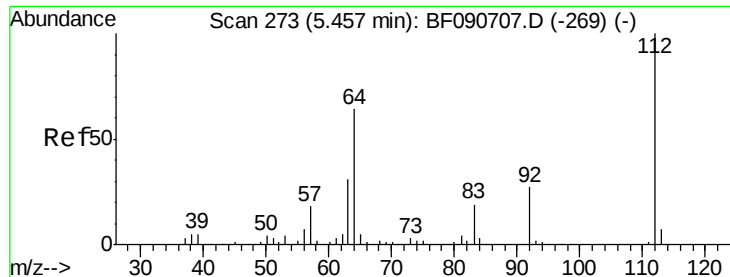
Ion Ratio Lower Upper

42 100

74 176.6 105.0 157.6#

44 7.8 6.6 10.0





#5

2-Fluorophenol

Concen: 92.85 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

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PB94239BS

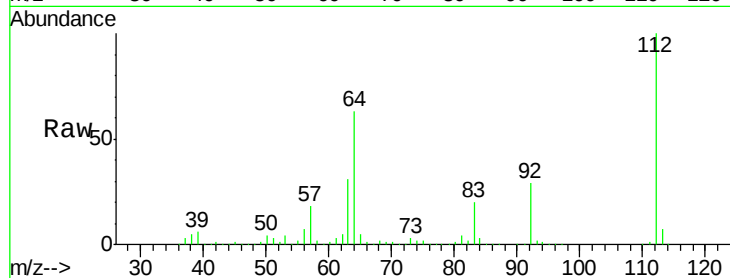
Tgt Ion: 112 Resp: 1607971

Ion Ratio Lower Upper

112 100

64 63.1 39.7 59.5#

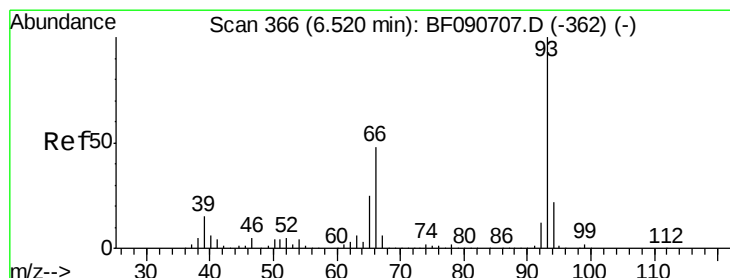
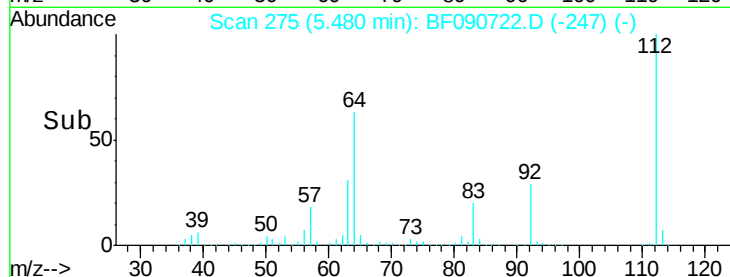
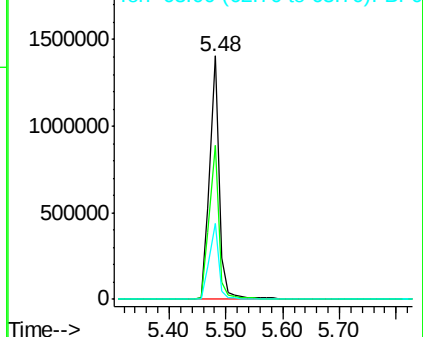
63 31.3 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.40 ng

RT: 6.52 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

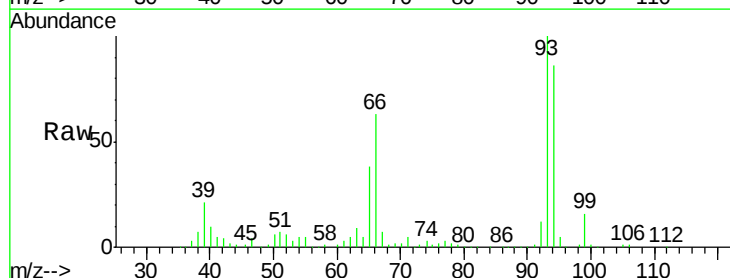
Tgt Ion: 93 Resp: 648962

Ion Ratio Lower Upper

93 100

66 63.1 27.2 40.8#

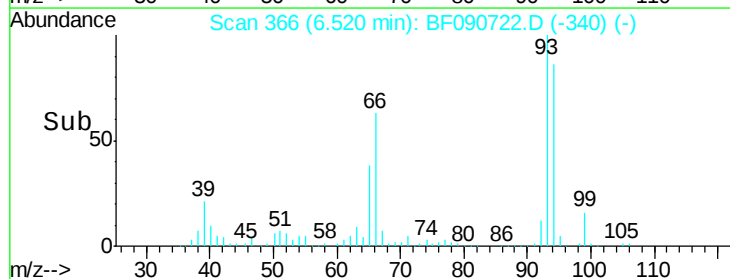
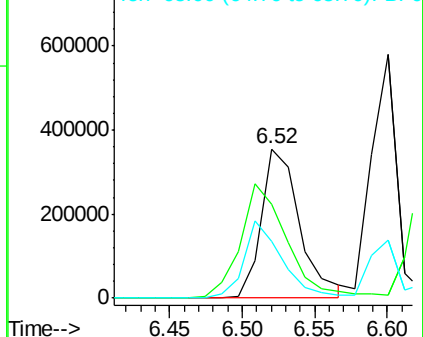
65 37.8 14.7 22.1#

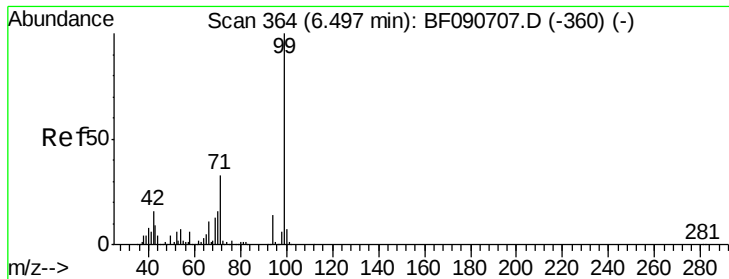


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 94.63 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090722.D

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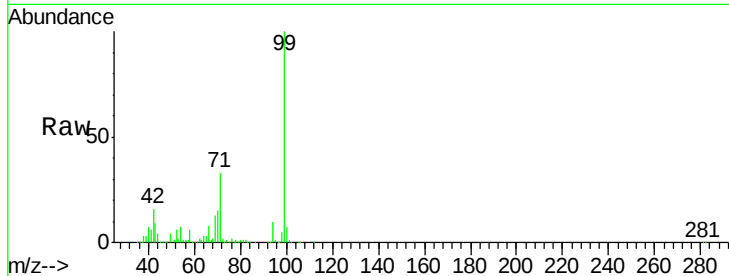
Tgt Ion: 99 Resp: 2219701

Ion Ratio Lower Upper

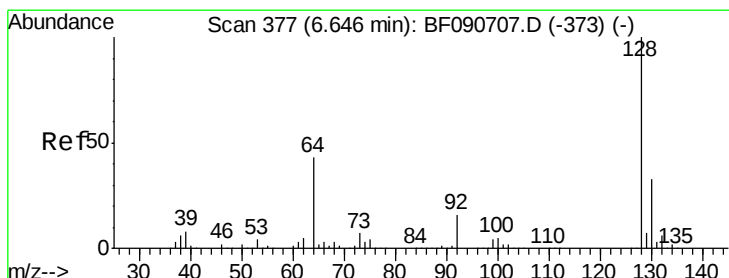
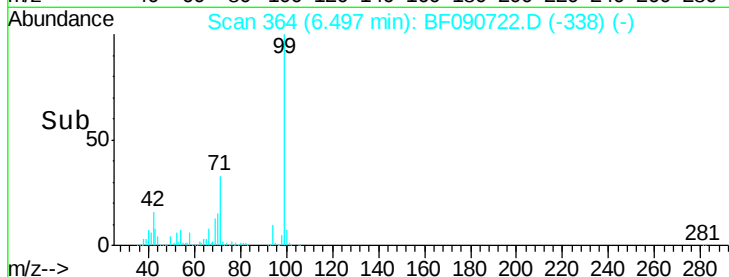
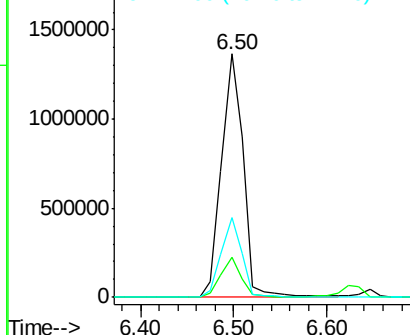
99 100

42 16.2 13.7 20.5

71 33.0 14.2 21.2#



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: 34.73 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

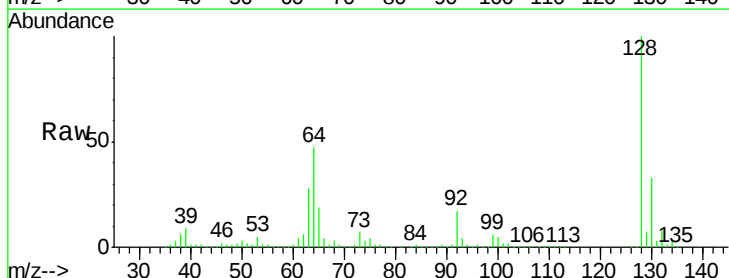
Tgt Ion: 128 Resp: 721932

Ion Ratio Lower Upper

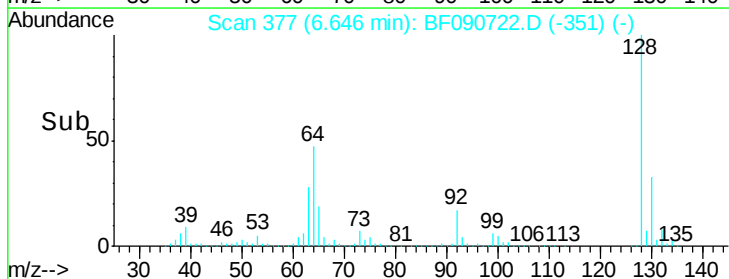
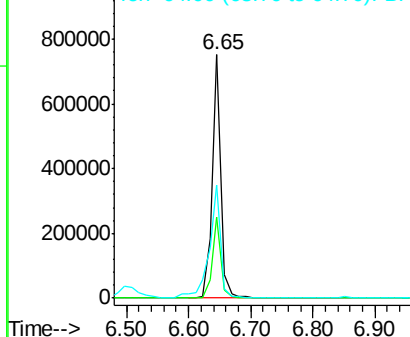
128 100

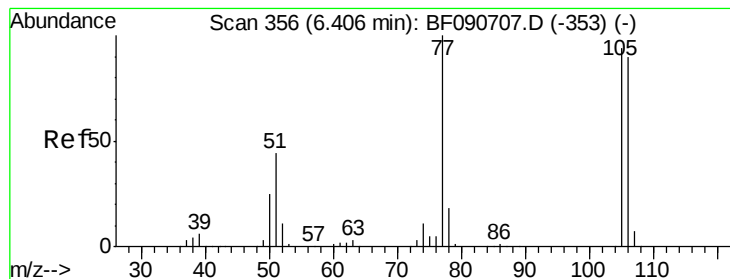
130 33.4 12.2 52.2

64 46.7 20.5 60.5



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: 10.44 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

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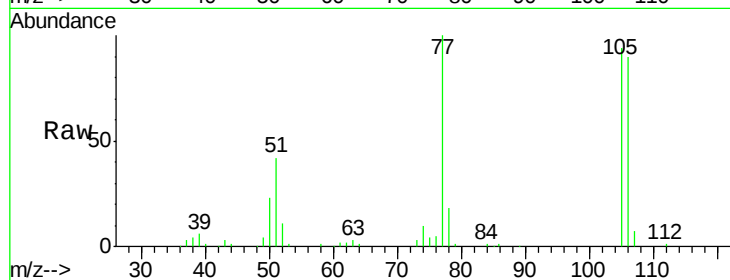
Tgt Ion: 77 Resp: 133904

Ion Ratio Lower Upper

77 100

105 94.3 91.6 131.6

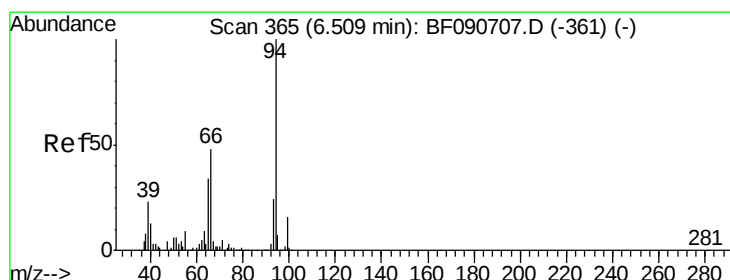
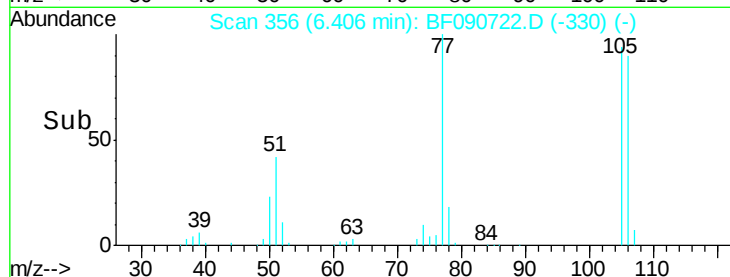
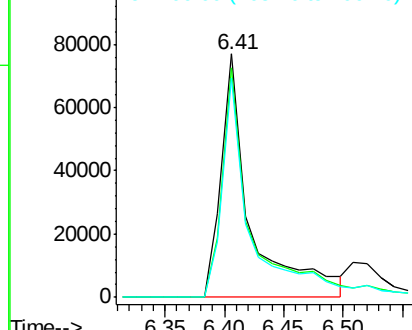
106 90.3 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 28.68 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

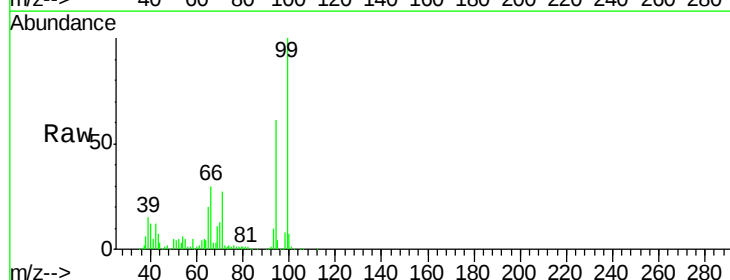
Tgt Ion: 94 Resp: 756326

Ion Ratio Lower Upper

94 100

65 33.4 0.7 40.7

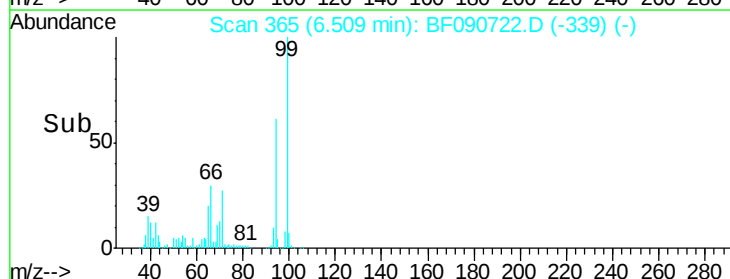
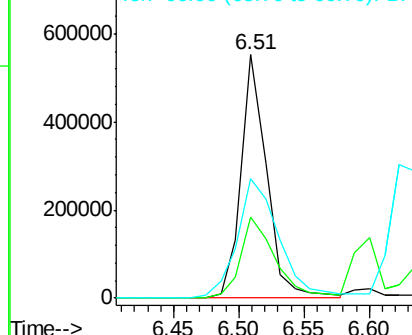
66 49.2 0.8 40.8#

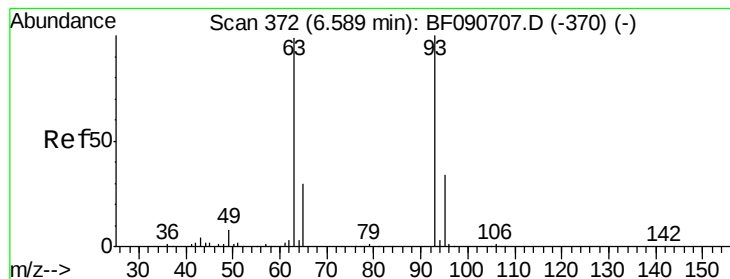


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.62 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

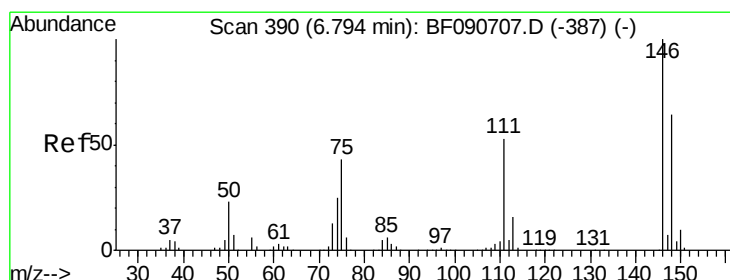
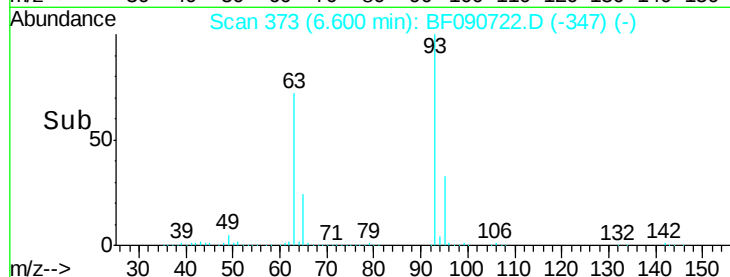
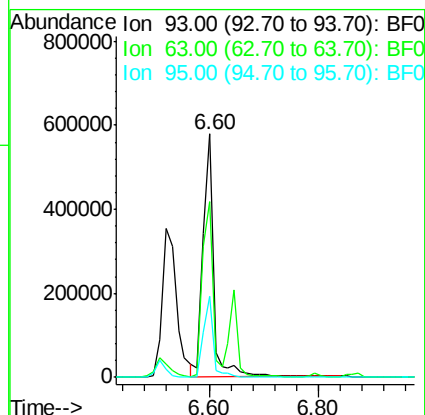
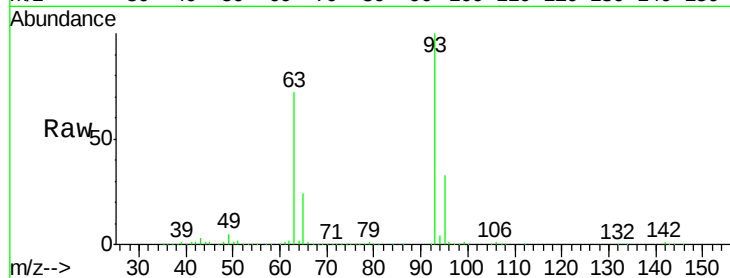
Tgt Ion: 93 Resp: 766889

Ion Ratio Lower Upper

93 100

63 71.9 65.6 105.6

95 33.4 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 33.75 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

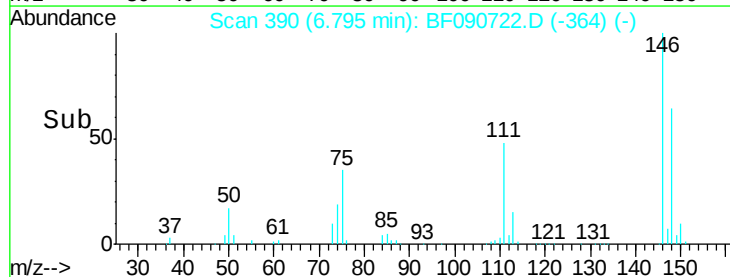
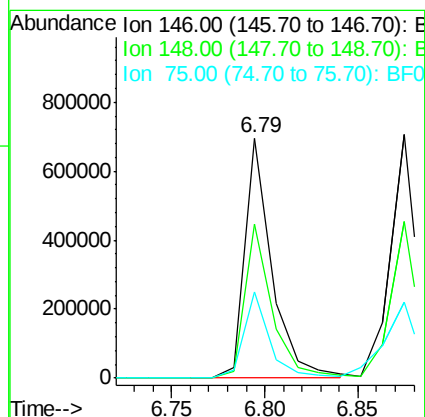
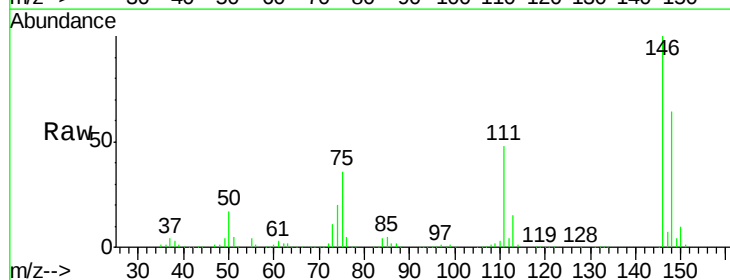
Tgt Ion: 146 Resp: 704794

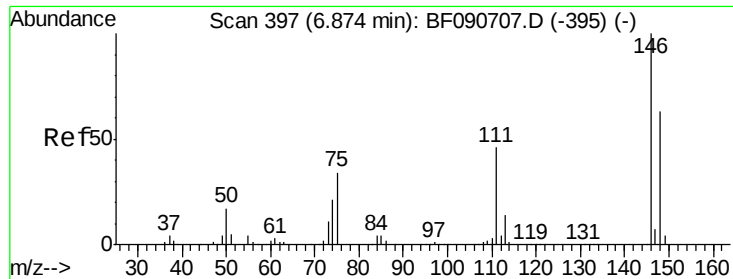
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

75 35.8 15.0 22.6#

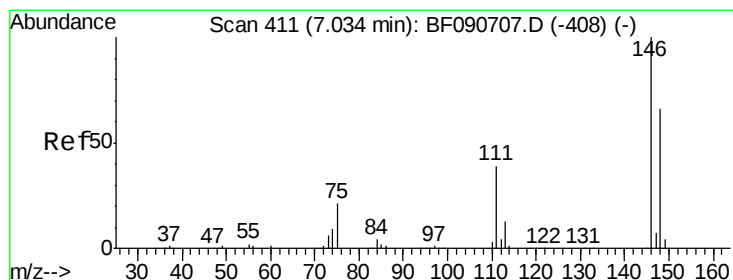
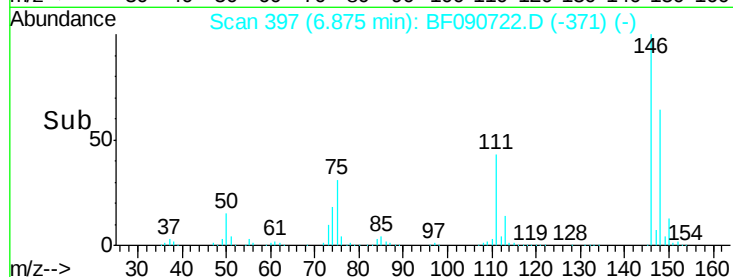
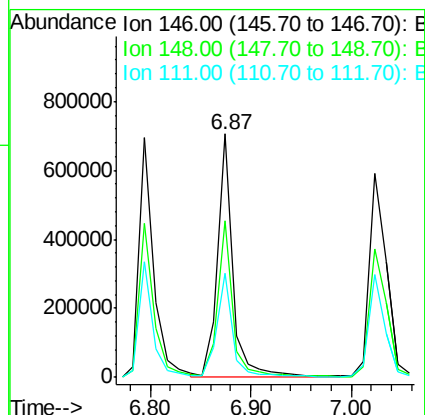
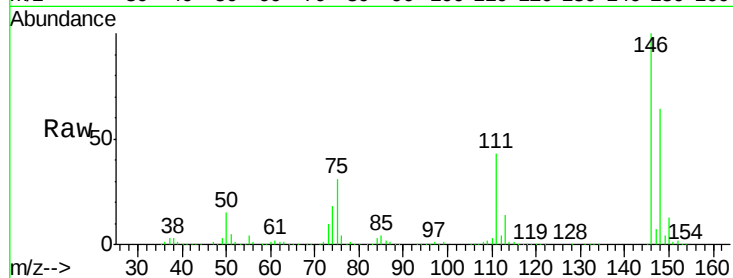




#13
1,4-Dichlorobenzene
Concen: 33.72 ng
RT: 6.87 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

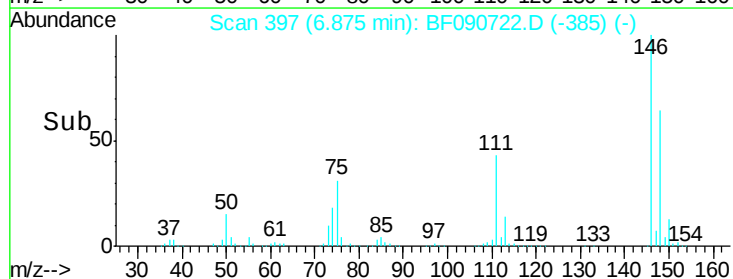
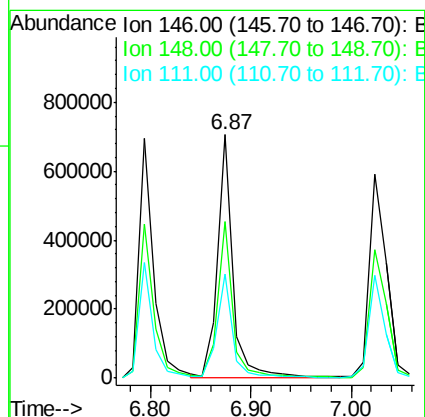
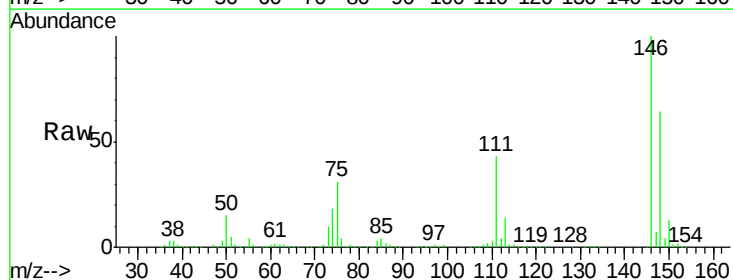
Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tgt Ion:146 Resp: 746840
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 43.0 24.9 37.3#



#14
1,2-Dichlorobenzene
Concen: 34.90 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.16 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion:146 Resp: 756726
Ion Ratio Lower Upper
146 100
148 64.3 52.7 79.1
111 43.0 28.8 43.2





#15

Benzyl Alcohol

Concen: 36.26 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

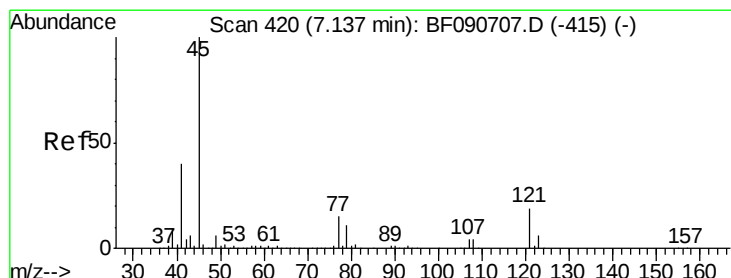
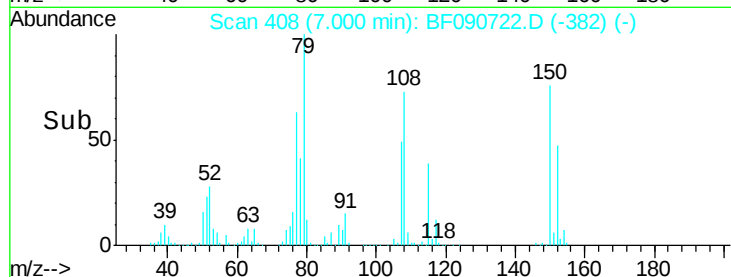
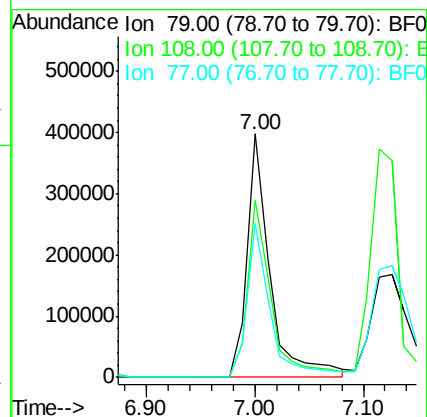
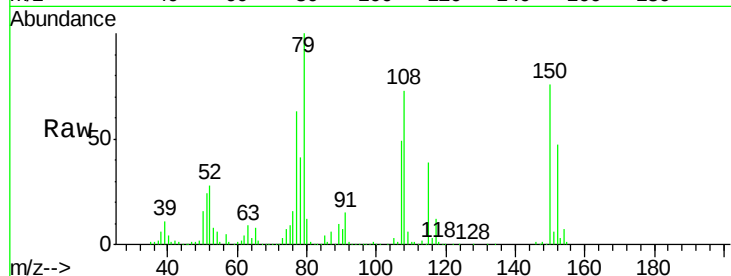
Tgt Ion: 79 Resp: 577650

Ion Ratio Lower Upper

79 100

108 72.9 88.6 132.8#

77 63.3 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.36 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

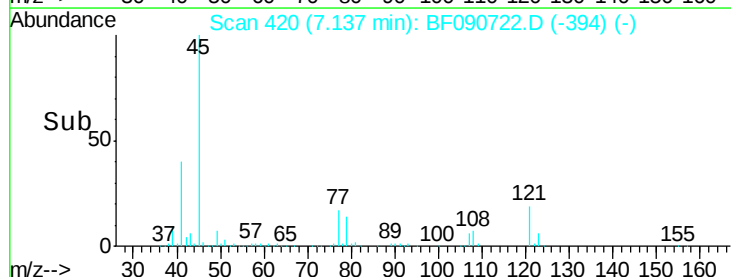
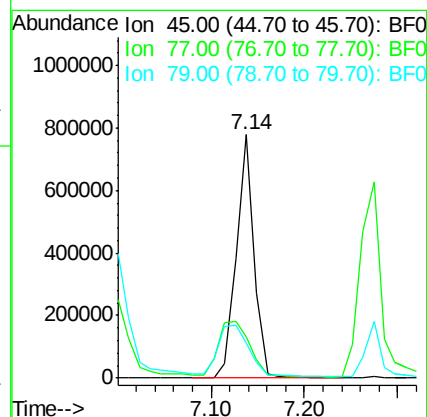
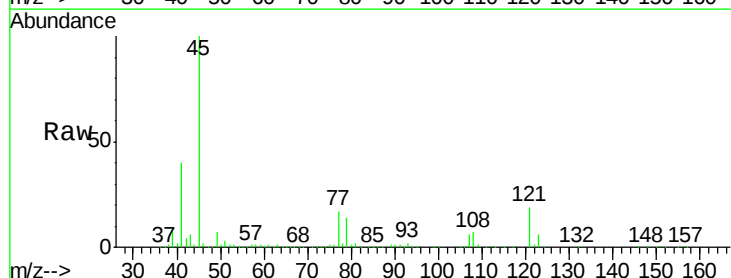
Tgt Ion: 45 Resp: 1040606

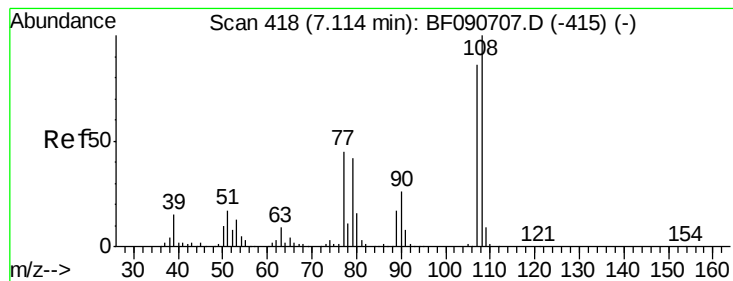
Ion Ratio Lower Upper

45 100

77 17.2 0.0 28.1

79 14.1 0.0 26.0





#17

2-Methylphenol

Concen: 36.79 ng

RT: 7.11 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tgt Ion:107 Resp: 576294

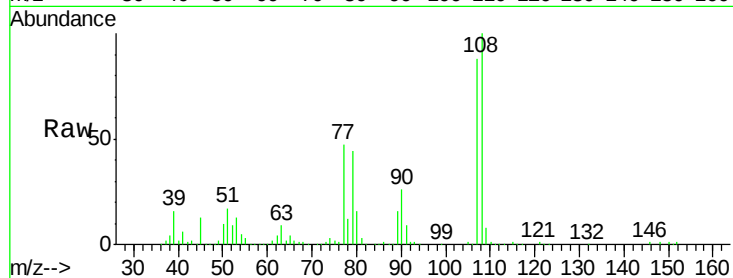
Ion Ratio Lower Upper

107 100

108 113.2 96.6 145.0

77 53.6 23.3 34.9#

79 50.0 22.0 33.0#

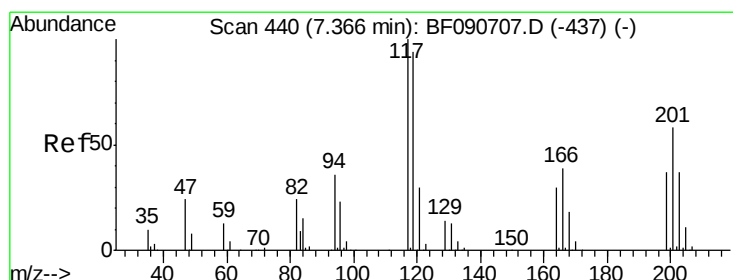
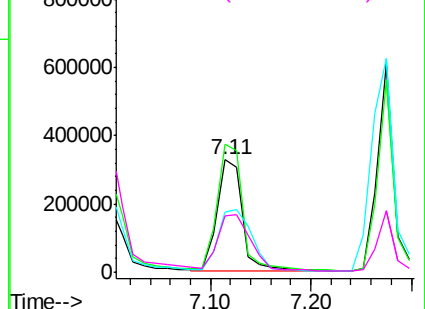
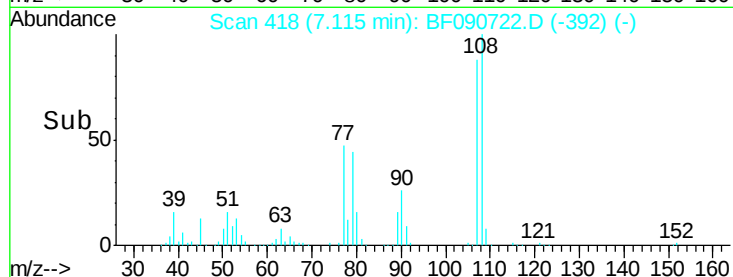


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.14 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

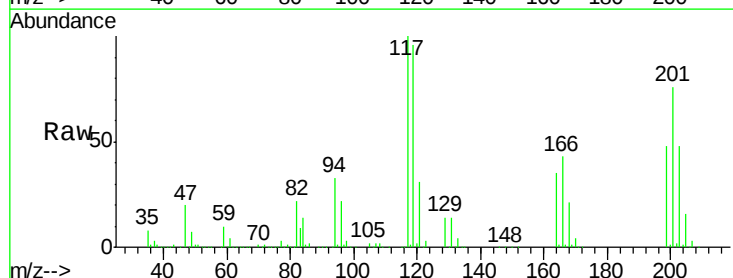
Tgt Ion:117 Resp: 297928

Ion Ratio Lower Upper

117 100

119 95.7 83.8 125.6

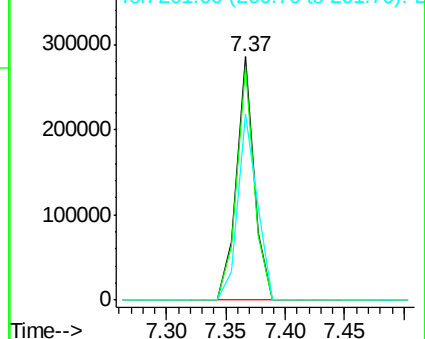
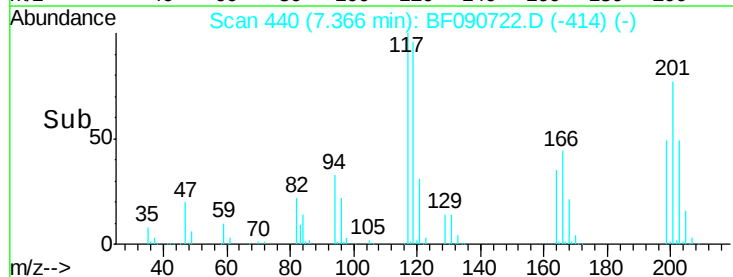
201 76.4 55.1 82.7

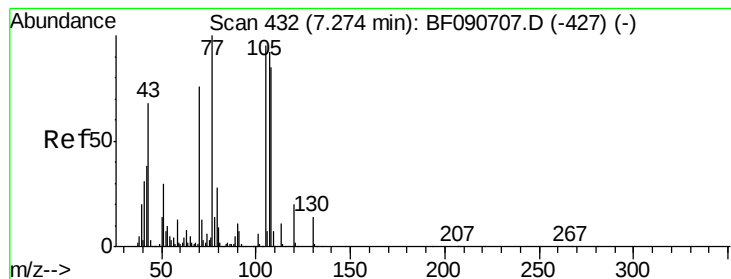


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

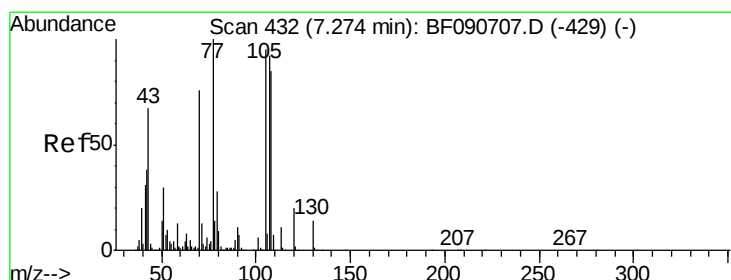
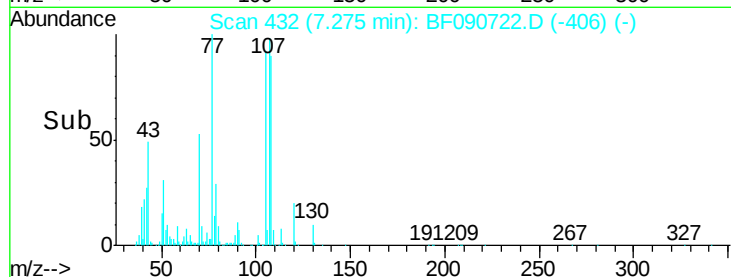
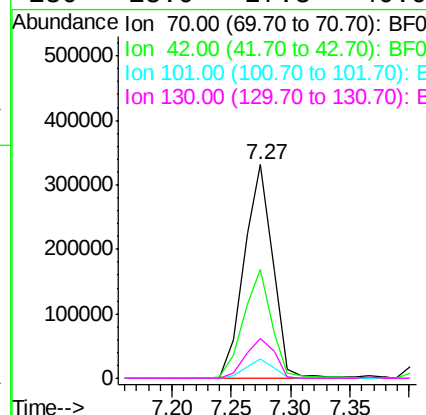
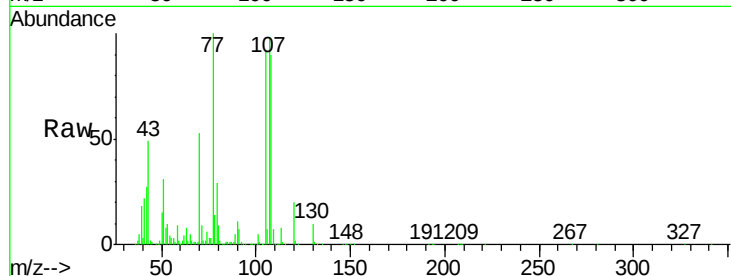




#19
n-Nitroso-di-n-propylamine
Concen: 31.76 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

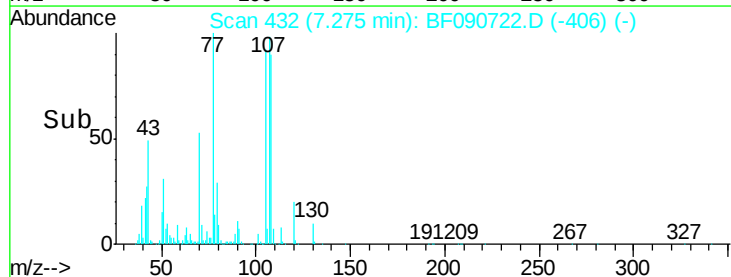
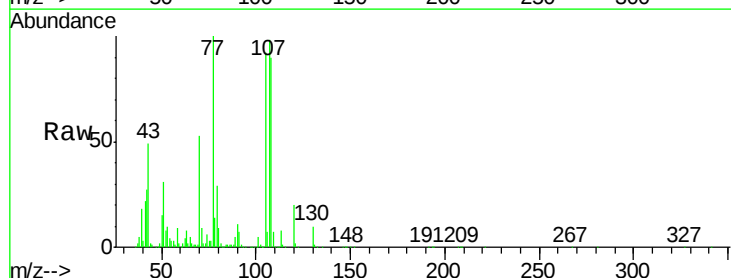
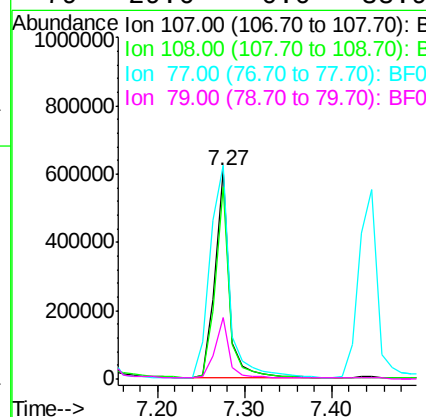
Instrument :
BNA_F
ClientSampleId :
PB94239BS

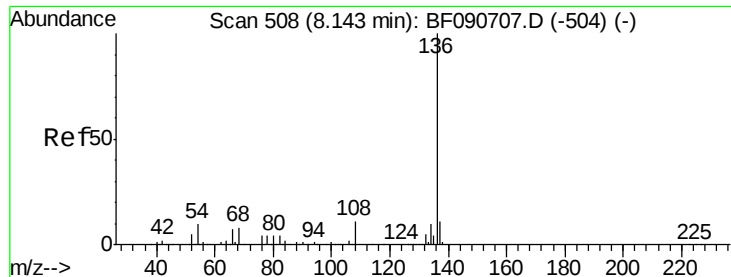
Tgt Ion: 70 Resp: 554874
Ion Ratio Lower Upper
70 100
42 50.8 63.8 95.6#
101 8.9 9.2 13.8#
130 18.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 37.99 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion: 107 Resp: 705299
Ion Ratio Lower Upper
107 100
108 91.9 74.6 114.6
77 102.4 0.7 40.7#
79 29.6 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tgt Ion:136 Resp: 1219577

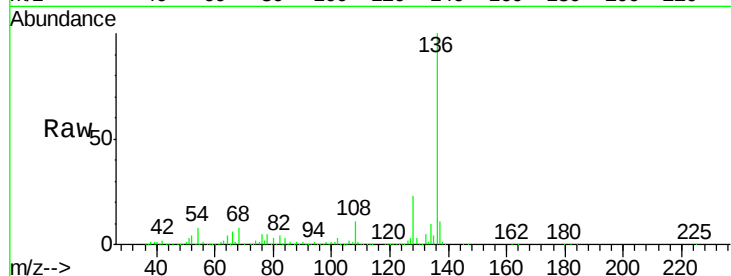
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.5 8.2 12.2

68 7.5 5.8 8.6

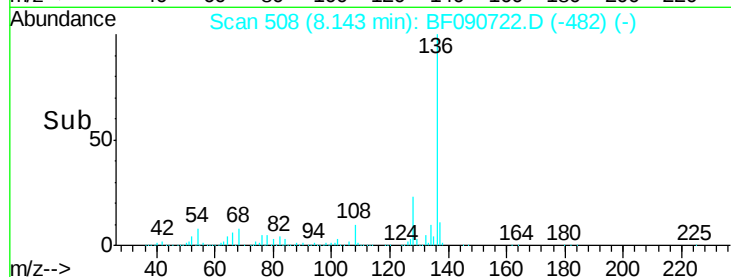


Abundance Ion 136.00 (135.70 to 136.70): E

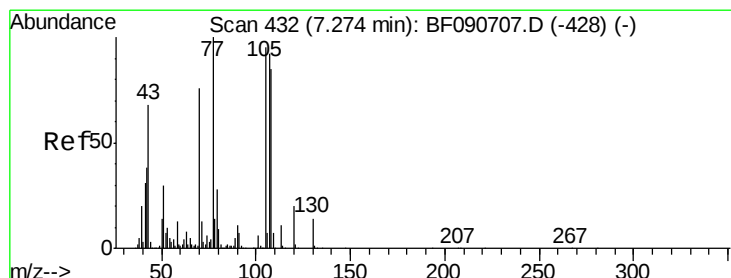
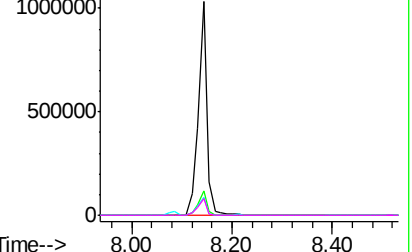
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.20 ng

RT: 7.27 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Tgt Ion:105 Resp: 983786

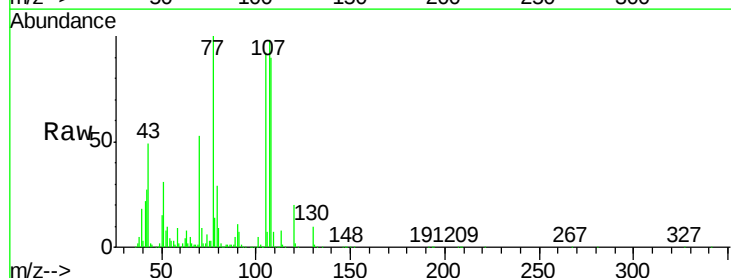
Ion Ratio Lower Upper

105 100

71 9.6 4.7 7.1#

51 33.9 22.0 33.0#

120 21.6 30.1 45.1#

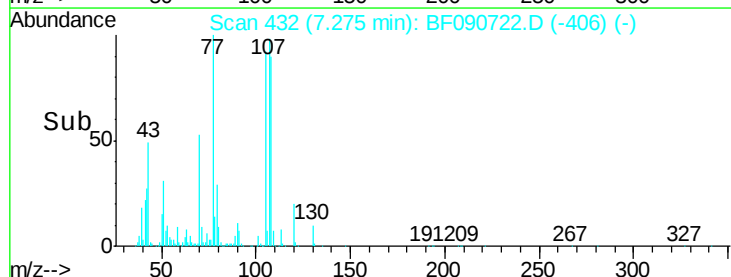


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

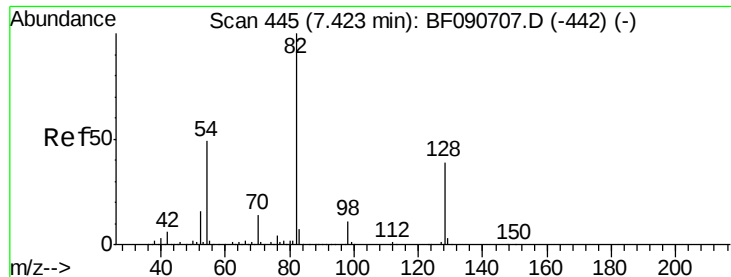
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 67.35 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

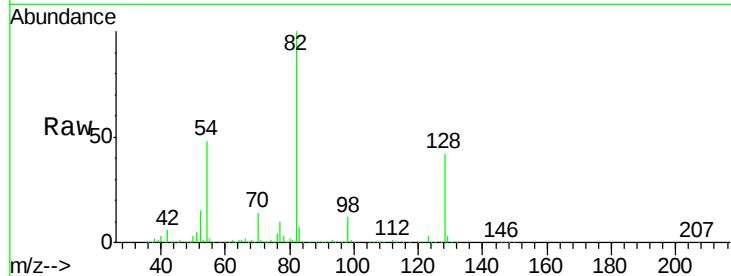
Tgt Ion: 82 Resp: 1497544

Ion Ratio Lower Upper

82 100

128 42.2 51.0 76.6#

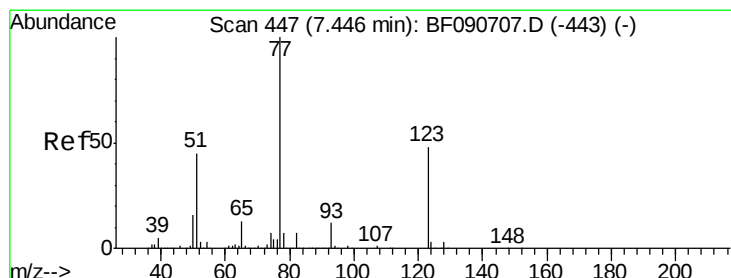
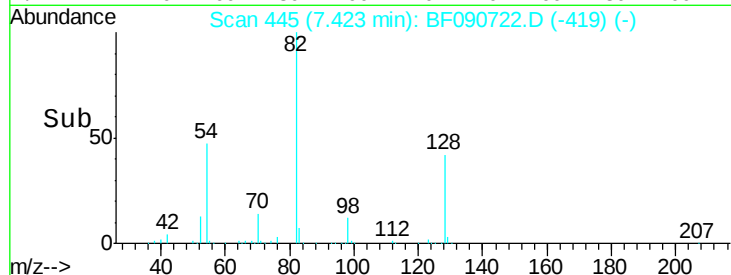
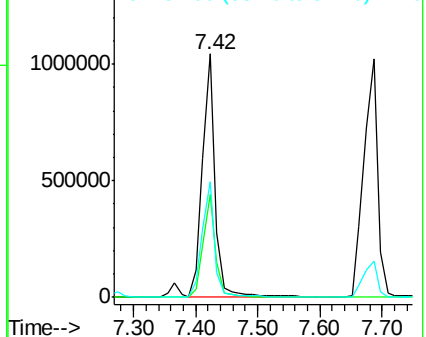
54 47.6 47.5 71.3



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: 33.90 ng

RT: 7.45 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

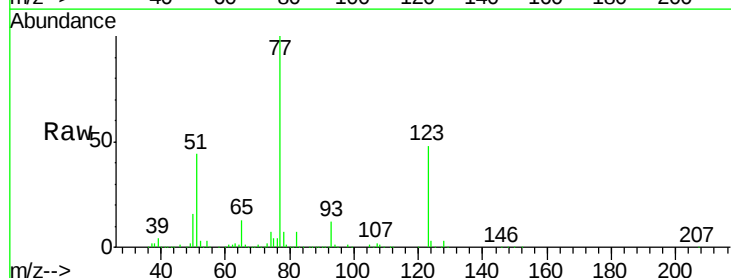
Tgt Ion: 77 Resp: 817179

Ion Ratio Lower Upper

77 100

123 48.5 59.8 89.8#

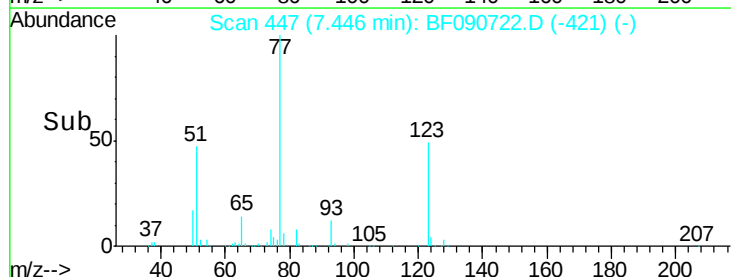
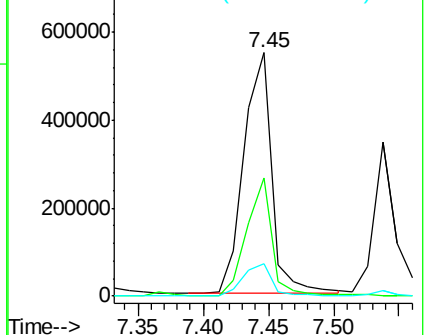
65 13.2 10.2 15.4

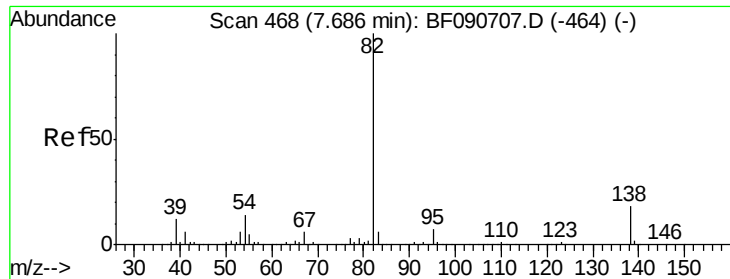


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.82 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

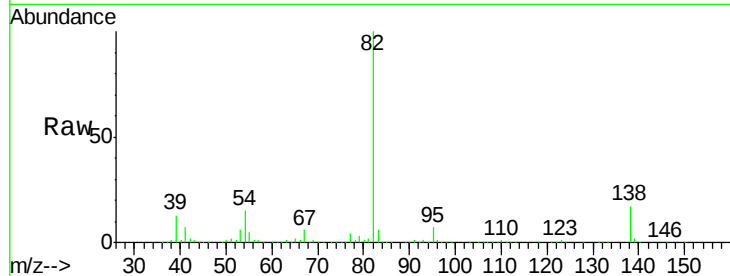
Tgt Ion: 82 Resp: 1549655

Ion Ratio Lower Upper

82 100

95 6.8 4.0 6.0#

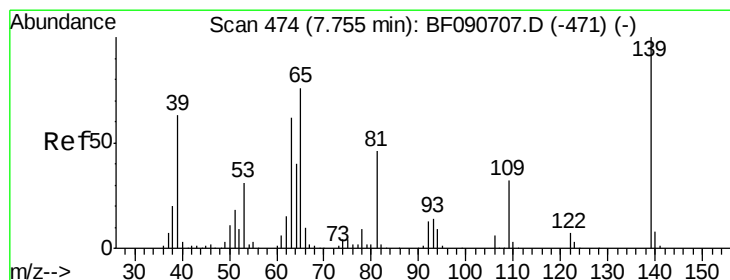
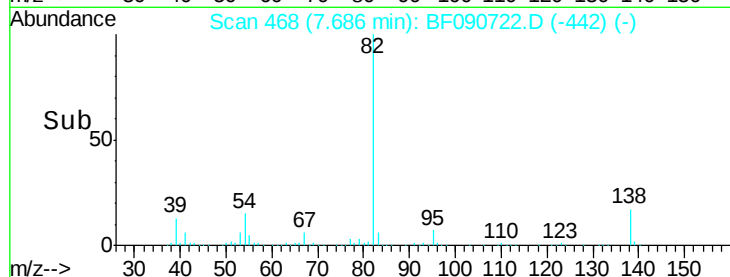
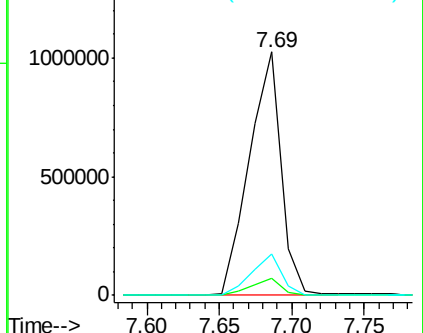
138 17.2 18.3 27.5#



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: 36.78 ng

RT: 7.75 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

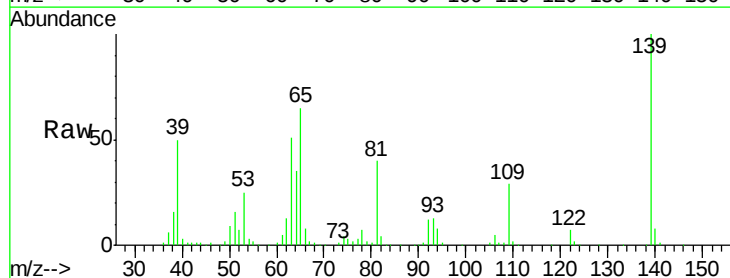
Tgt Ion: 139 Resp: 362222

Ion Ratio Lower Upper

139 100

109 28.9 11.0 16.4#

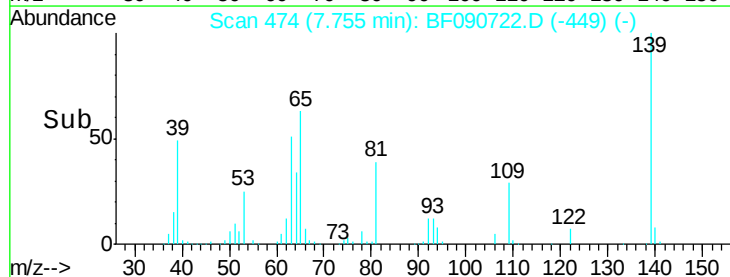
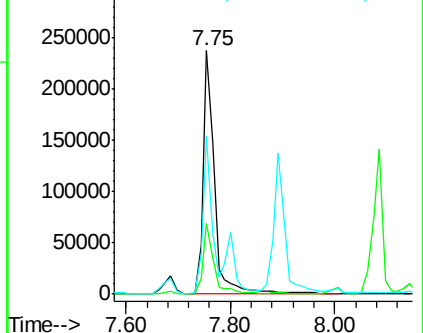
65 64.7 24.7 37.1#

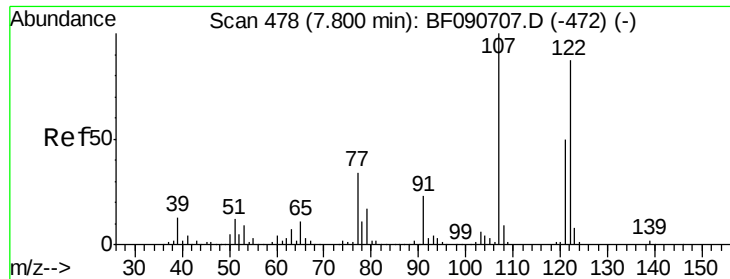


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

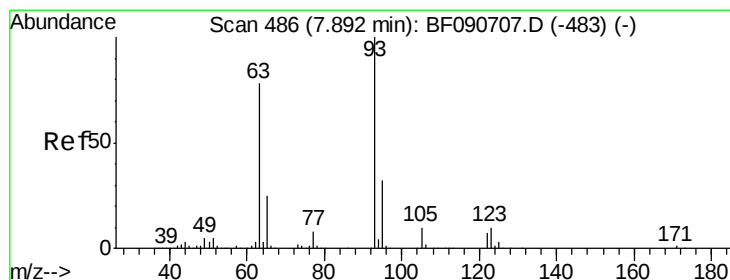
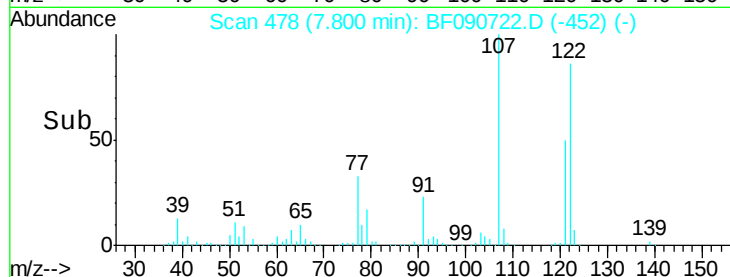
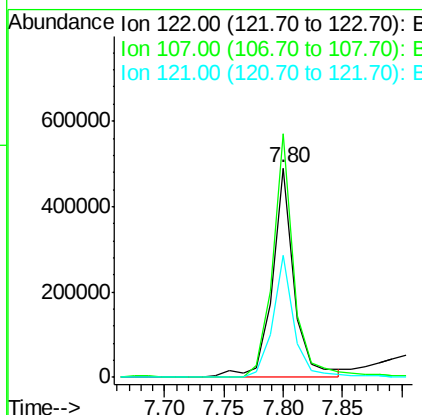
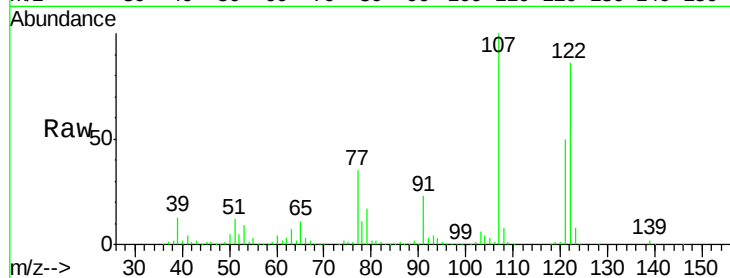




#27
 2,4-Dimethylphenol
 Concen: 35.96 ng
 RT: 7.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

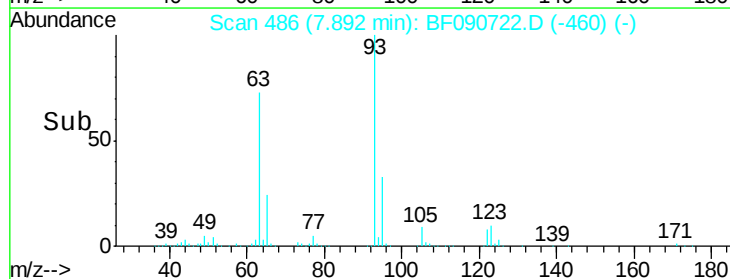
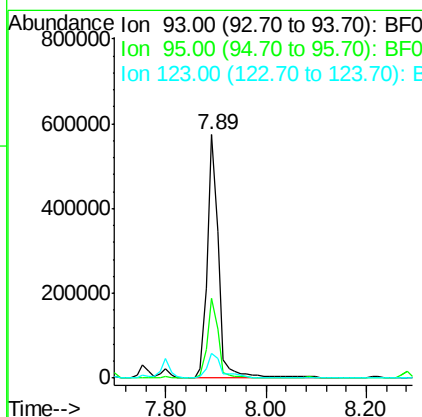
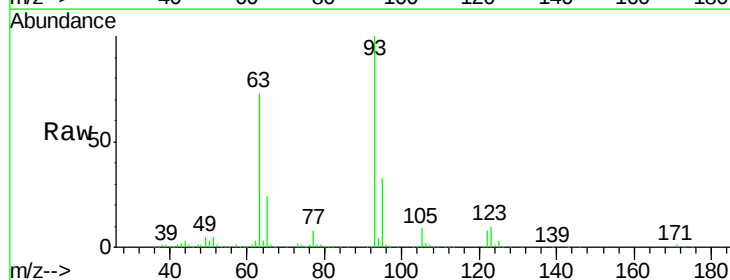
Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

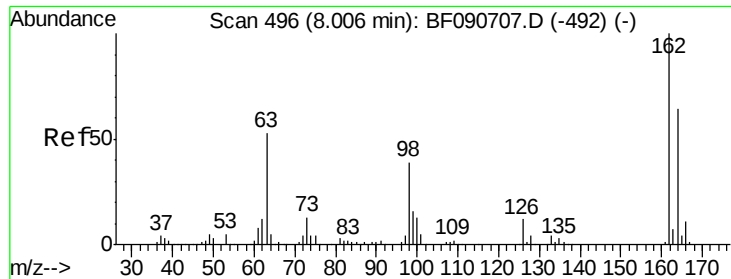
Tgt Ion:122 Resp: 627957
 Ion Ratio Lower Upper
 122 100
 107 116.2 71.8 107.6#
 121 58.3 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.21 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion: 93 Resp: 879980
 Ion Ratio Lower Upper
 93 100
 95 32.5 27.5 41.3
 123 10.3 13.7 20.5#

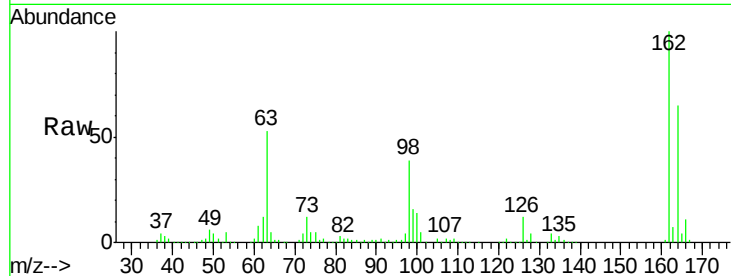




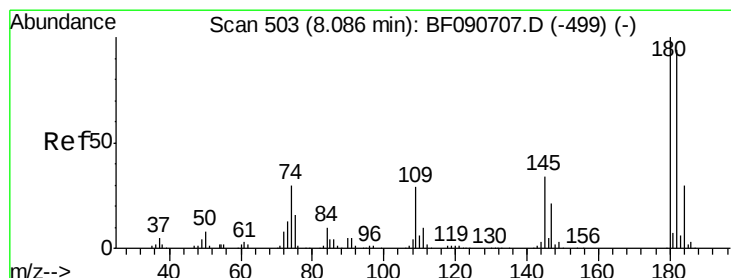
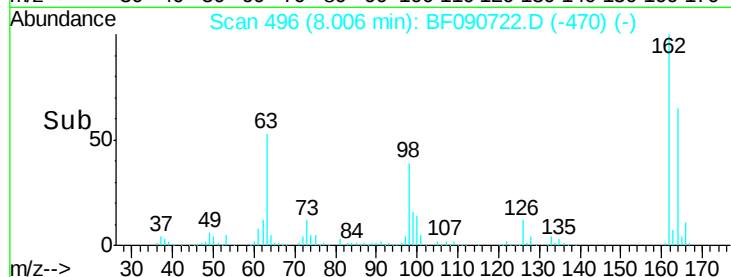
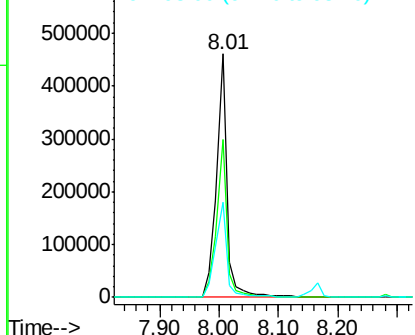
#29
 2,4-Dichlorophenol
 Concen: 39.59 ng
 RT: 8.01 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tgt Ion:162 Resp: 567353
 Ion Ratio Lower Upper
 162 100
 164 64.9 44.9 84.9
 98 39.1 13.0 53.0

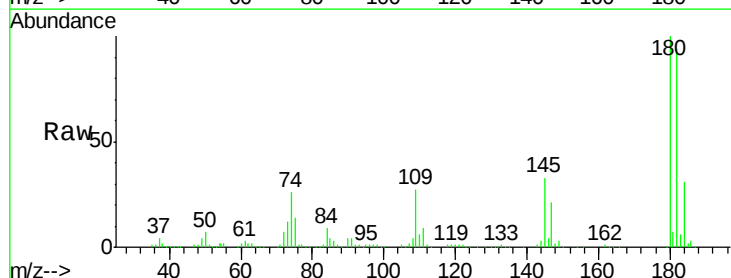


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

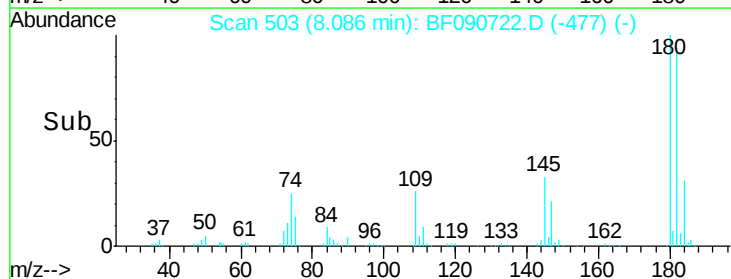
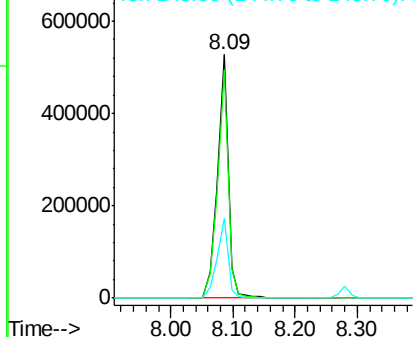


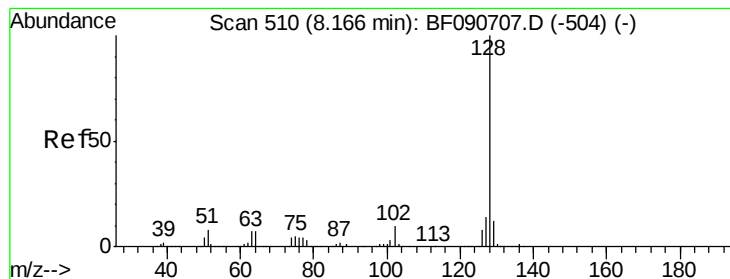
#30
 1,2,4-Trichlorobenzene
 Concen: 37.18 ng
 RT: 8.09 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion:180 Resp: 626982
 Ion Ratio Lower Upper
 180 100
 182 93.8 77.1 115.7
 145 32.9 23.3 34.9



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: 36.20 ng

RT: 8.17 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

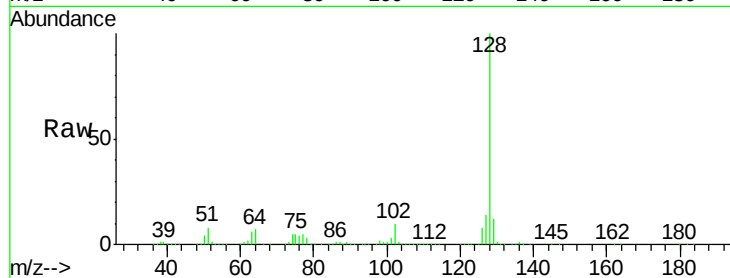
Tgt Ion:128 Resp: 2159589

Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

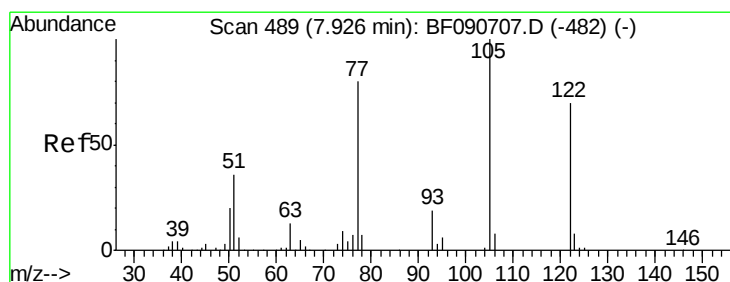
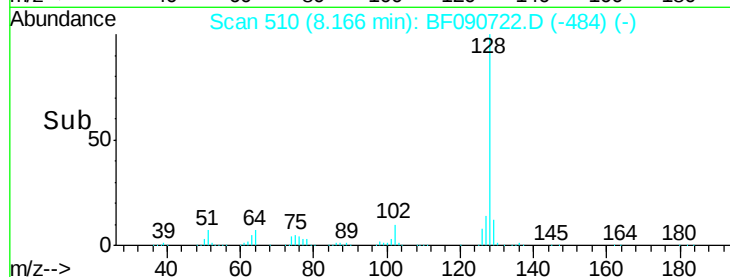
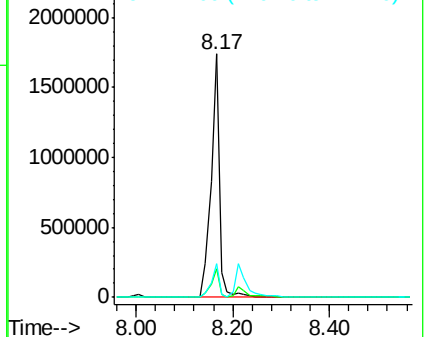
127 13.8 9.9 14.9



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: 30.87 ng

RT: 7.94 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

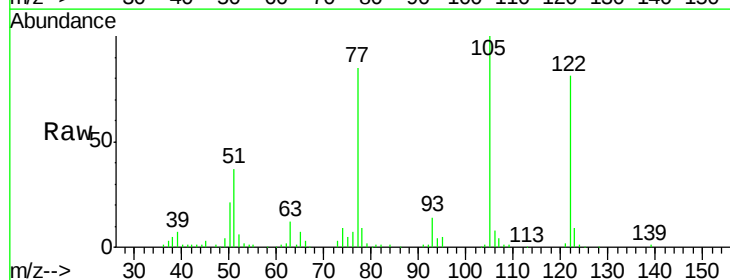
Tgt Ion:122 Resp: 340637

Ion Ratio Lower Upper

122 100

105 124.0 76.1 116.1#

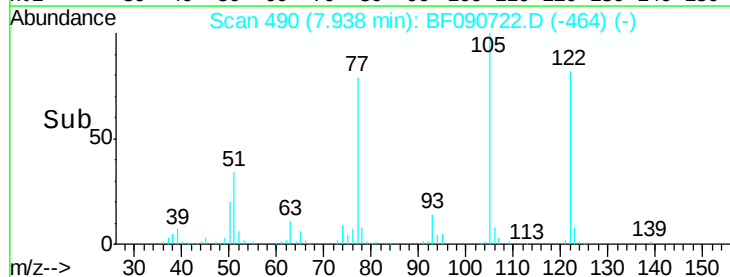
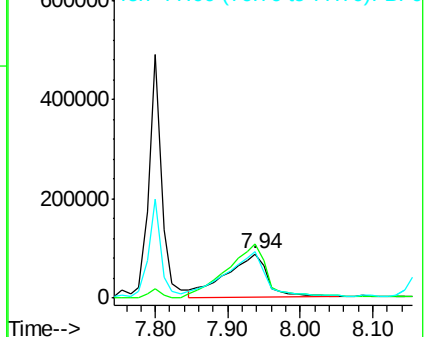
77 104.8 40.5 80.5#

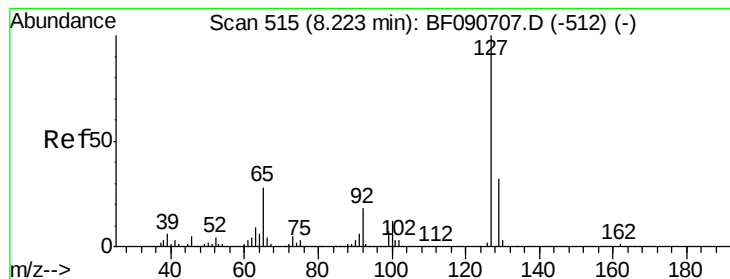


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 18.31 ng

RT: 8.21 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tgt Ion:127 Resp: 405090

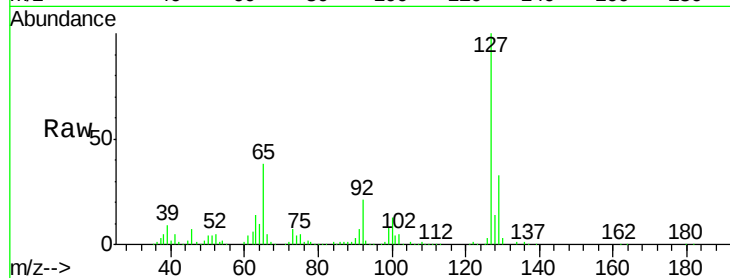
Ion Ratio Lower Upper

127 100

129 32.7 25.8 38.6

65 38.0 17.9 26.9#

92 21.3 10.5 15.7#

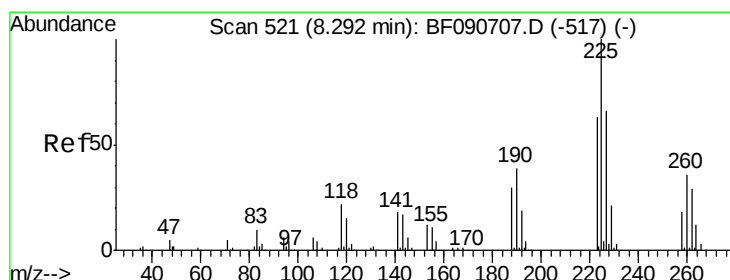
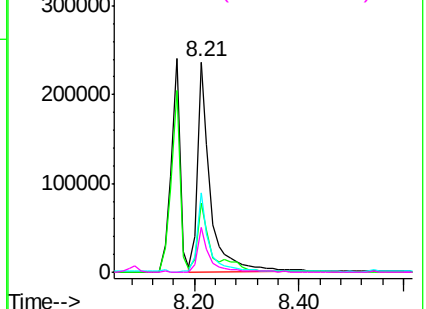
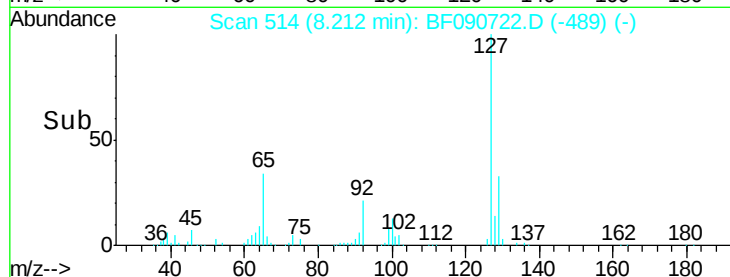


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 34.51 ng

RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

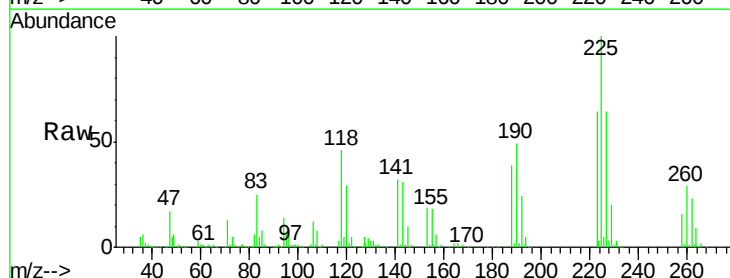
Tgt Ion:225 Resp: 327284

Ion Ratio Lower Upper

225 100

223 63.9 50.2 75.2

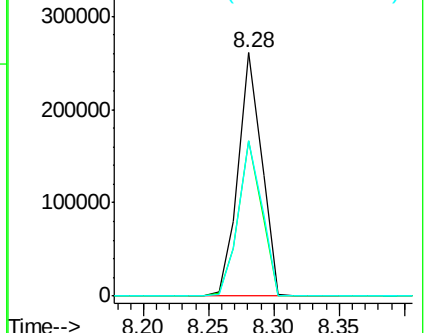
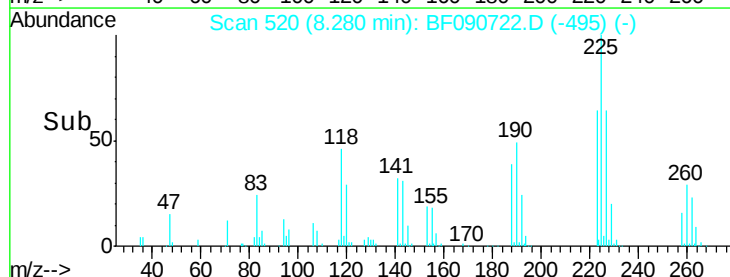
227 63.6 52.2 78.2

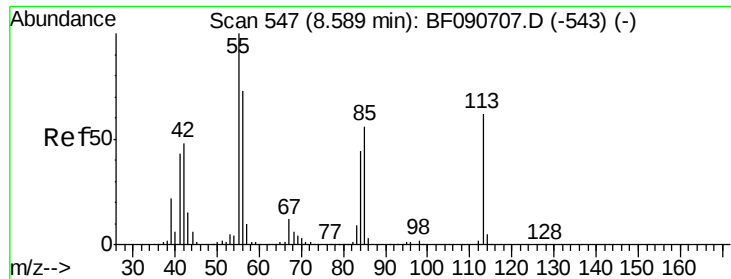


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

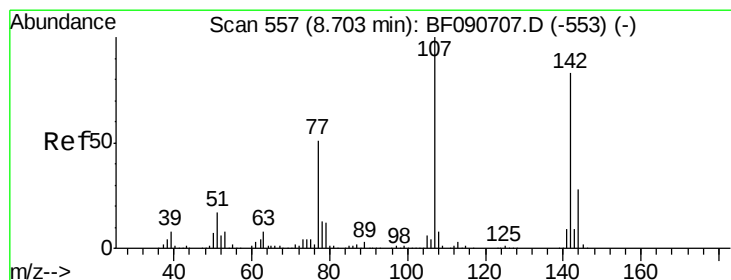
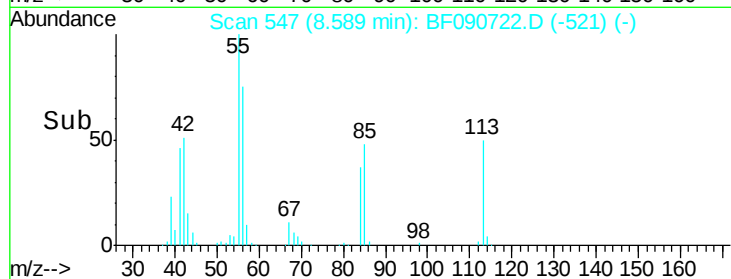
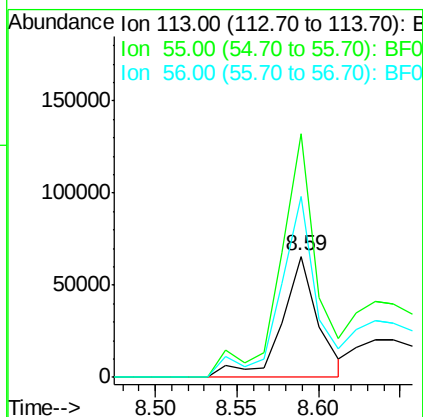
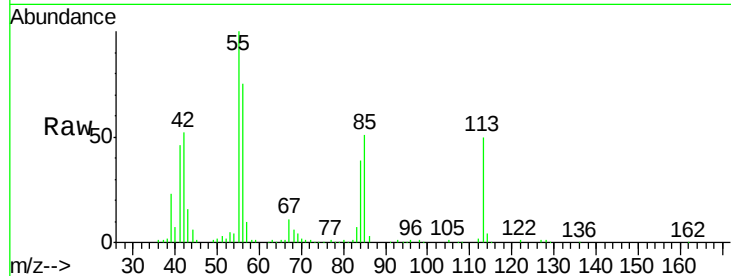




#35
 Caprolactam
 Concen: 24.93 ng
 RT: 8.59 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

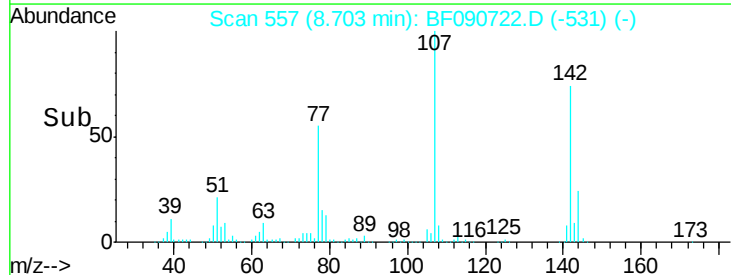
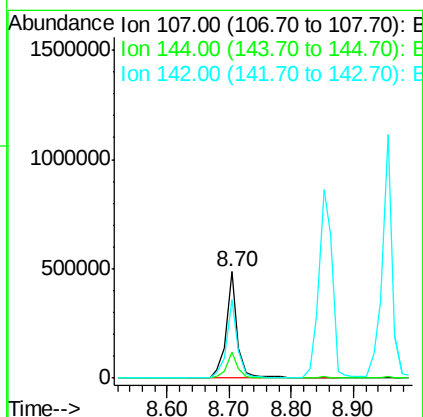
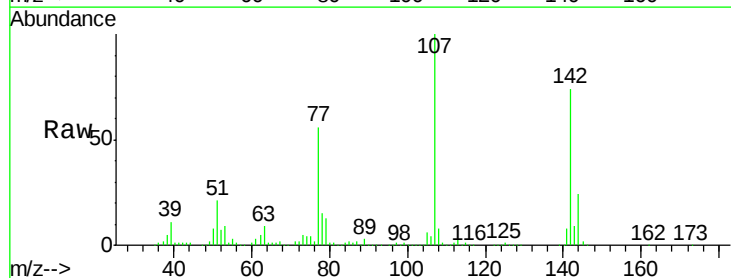
Instrument :
 BNA_F
 ClientSampleID :
 PB94239BS

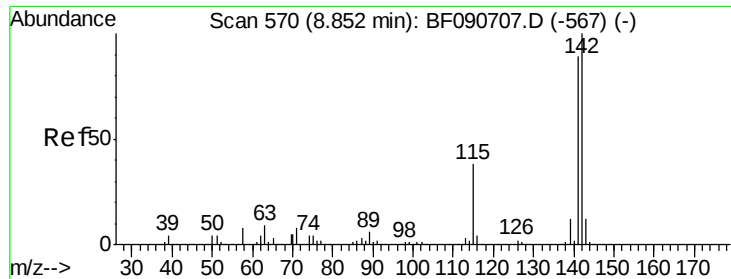
Tgt Ion:113 Resp: 102053
 Ion Ratio Lower Upper
 113 100
 55 200.8 152.4 192.4#
 56 149.6 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 36.25 ng
 RT: 8.70 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion:107 Resp: 604153
 Ion Ratio Lower Upper
 107 100
 144 24.1 25.4 38.0#
 142 74.2 77.3 115.9#

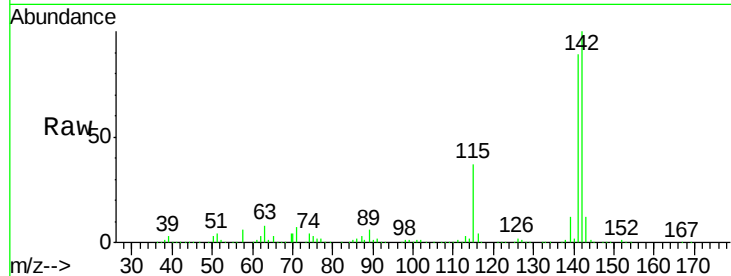




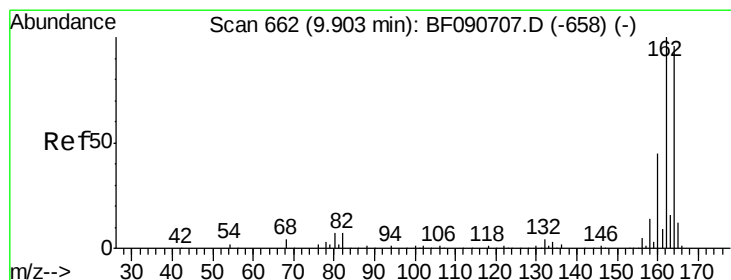
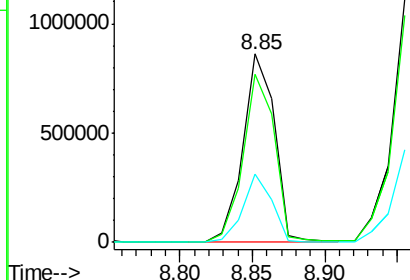
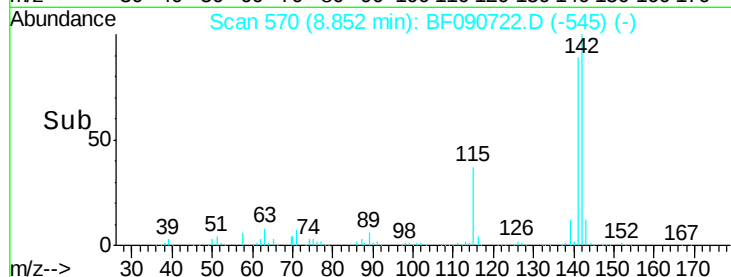
#37
2-Methylnaphthalene
Concen: 37.19 ng
RT: 8.85 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampled :
PB94239BS

Tgt Ion:142 Resp: 1296668
Ion Ratio Lower Upper
142 100
141 89.3 67.5 101.3
115 36.6 18.2 27.2#

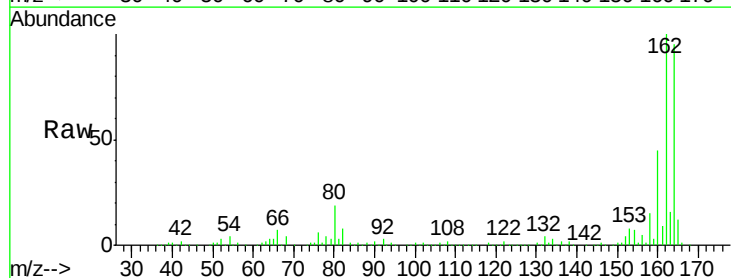


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

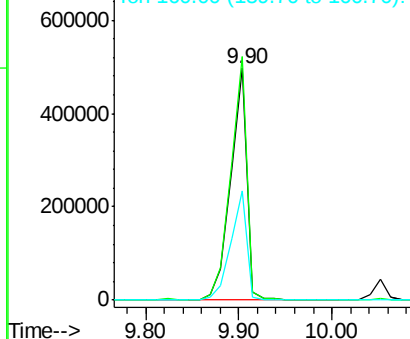
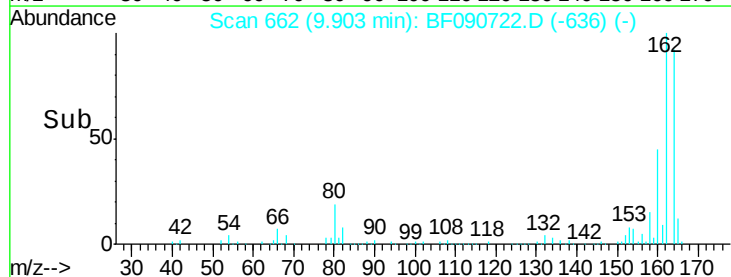


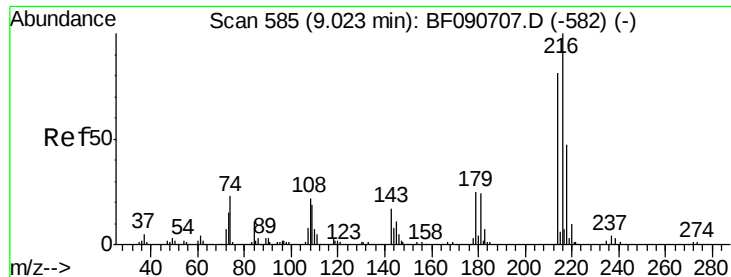
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion:164 Resp: 611412
Ion Ratio Lower Upper
164 100
162 105.0 75.2 112.8
160 47.0 31.5 47.3



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: 35.70 ng

RT: 9.02 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tgt Ion:216 Resp: 589445

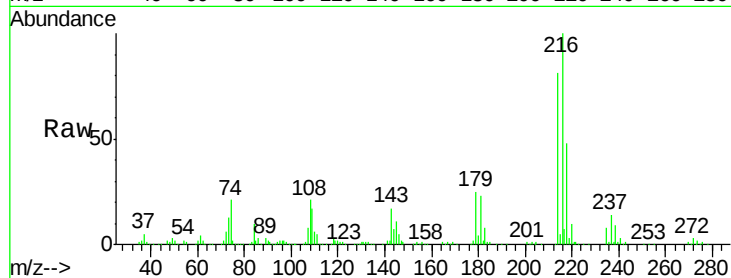
Ion Ratio Lower Upper

216 100

214 79.9 63.5 95.3

179 23.6 16.6 24.8

108 23.8 16.3 24.5

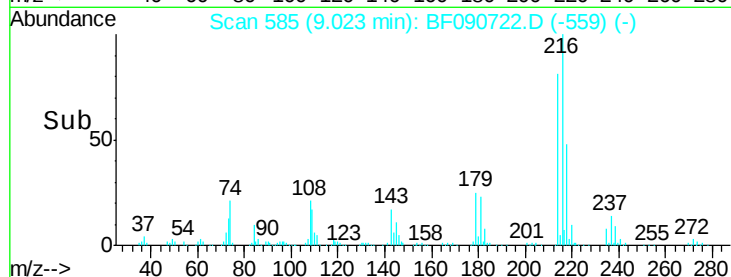


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

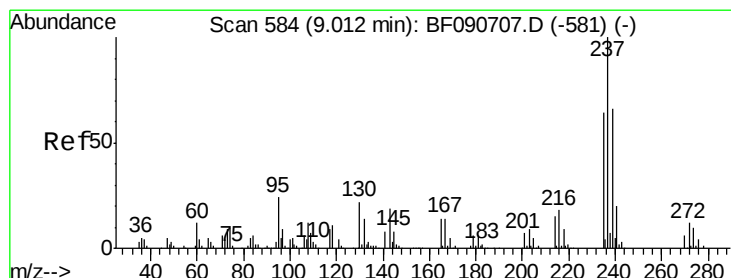
Ion 108.00 (107.70 to 108.70): E



Abundance

9.02

Time-->



#40

Hexachlorocyclopentadiene

Concen: 90.99 ng

RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

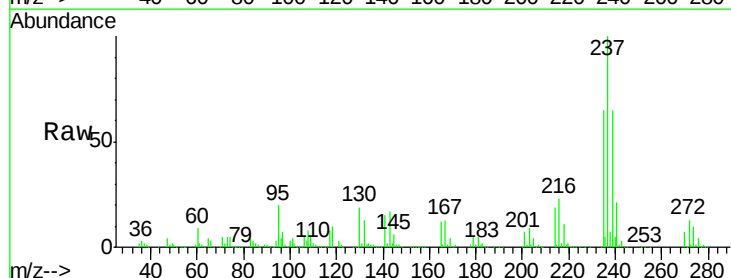
Tgt Ion:237 Resp: 705241

Ion Ratio Lower Upper

237 100

235 65.3 42.0 82.0

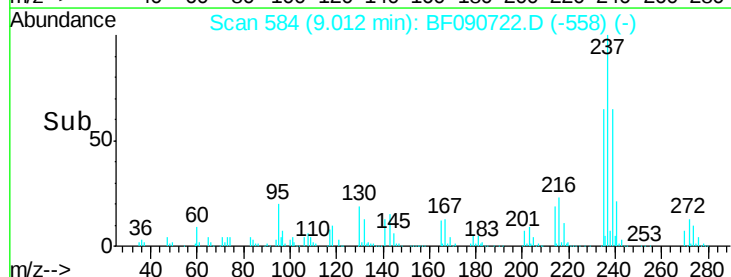
272 13.2 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

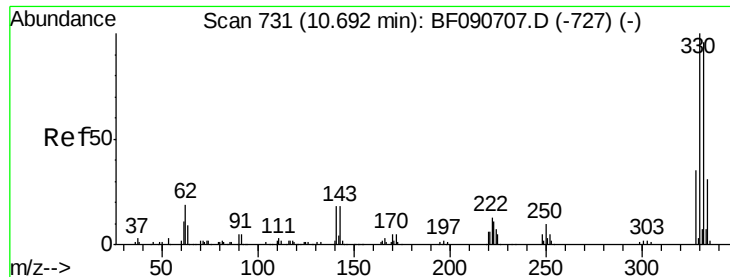
Ion 271.75 (271.45 to 272.45): E



Abundance

9.01

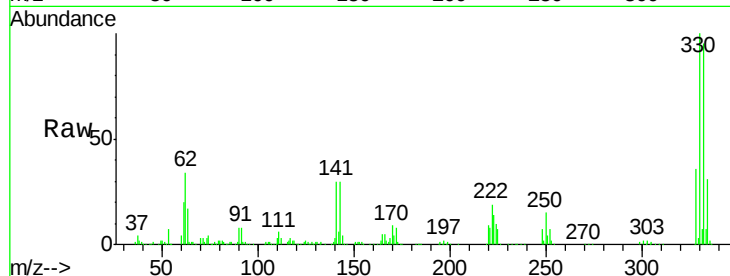
Time-->



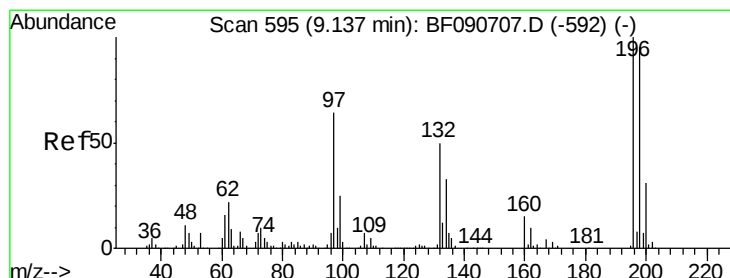
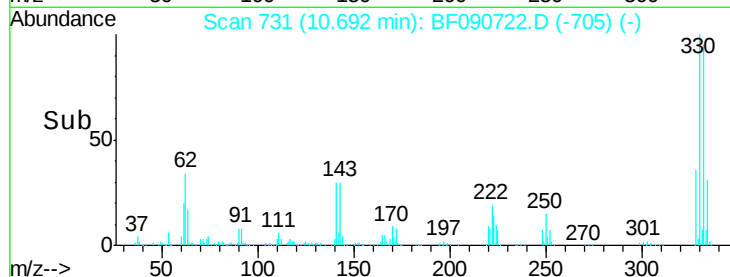
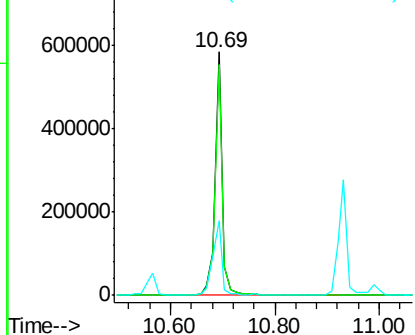
#41
 2,4,6-Tribromophenol
 Concen: 118.00 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	37.2	29.7	44.5

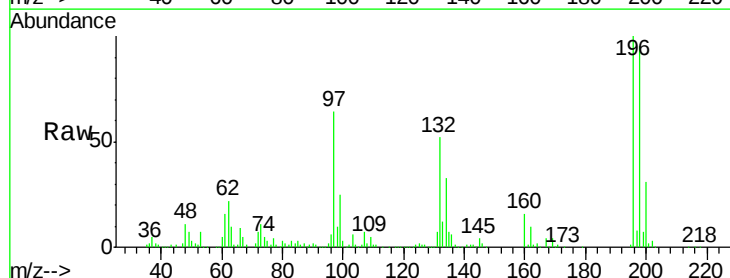


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

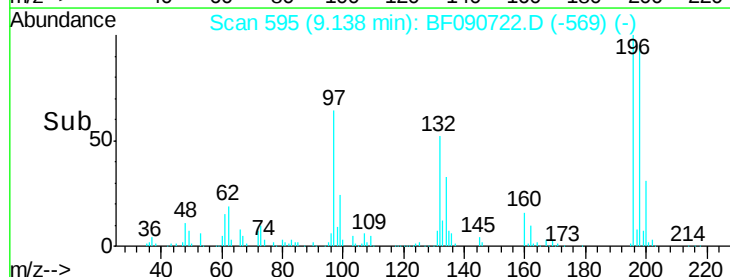
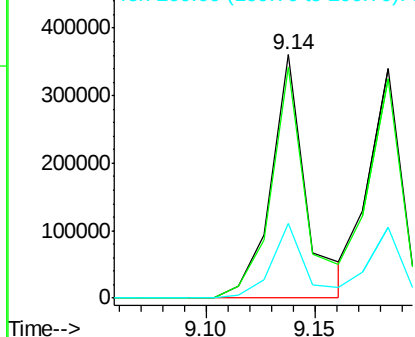


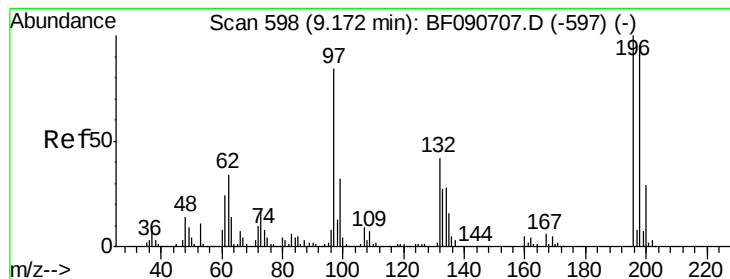
#42
 2,4,6-Trichlorophenol
 Concen: 39.69 ng
 RT: 9.14 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	30.5	23.9	35.9



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: 37.82 ng

RT: 9.18 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tgt Ion:196 Resp: 392959

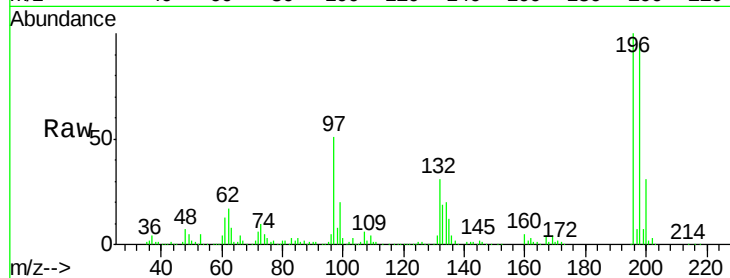
Ion Ratio Lower Upper

196 100

198 95.2 75.4 113.0

97 51.3 33.3 49.9#

132 31.1 24.6 37.0

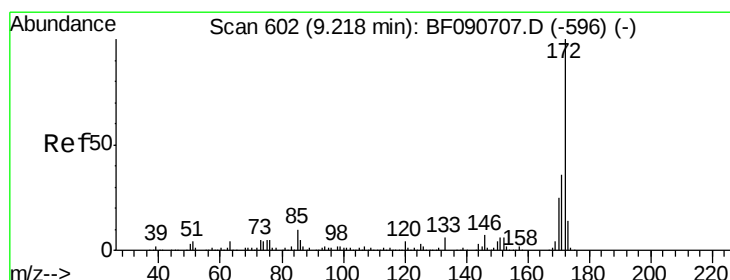
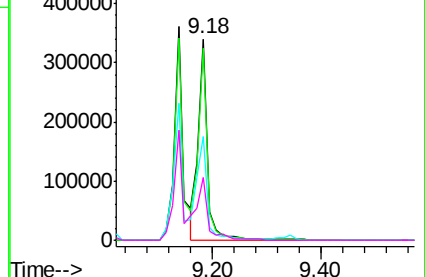
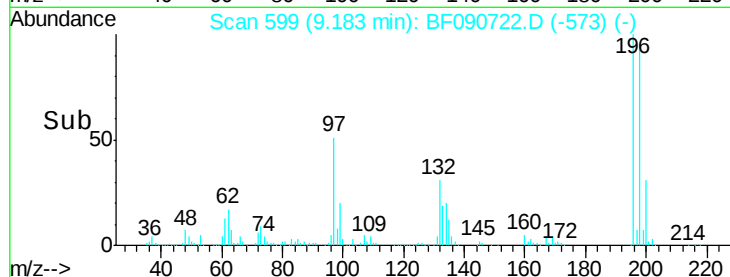


Abundance Ion 196.00 (195.70 to 196.70): E

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: 66.05 ng

RT: 9.22 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

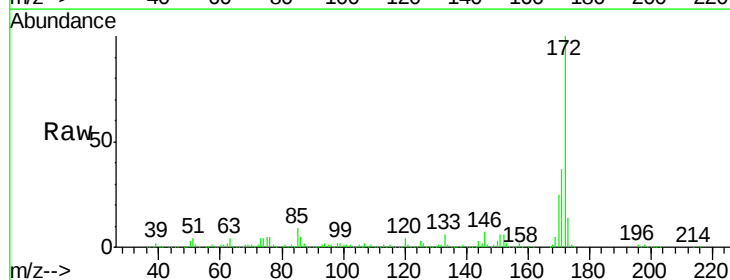
Tgt Ion:172 Resp: 2601326

Ion Ratio Lower Upper

172 100

171 37.1 26.1 39.1

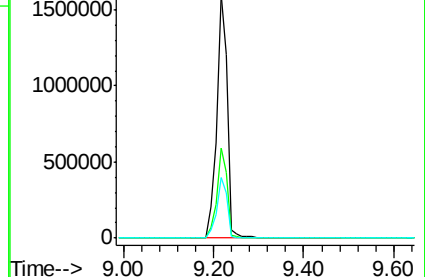
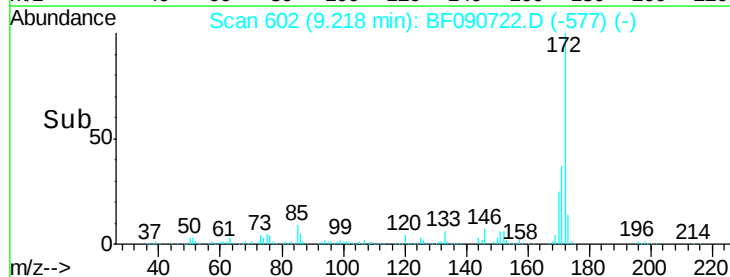
170 25.1 17.4 26.2

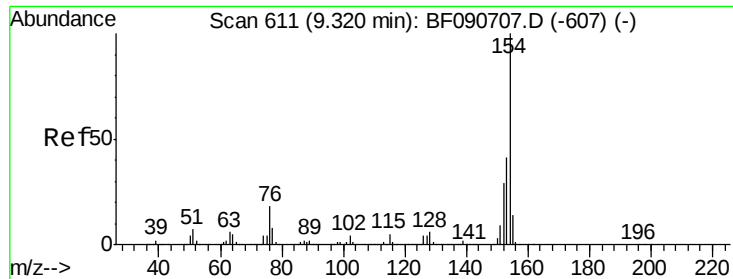


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

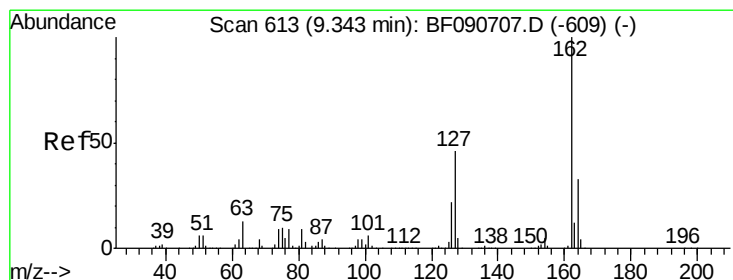
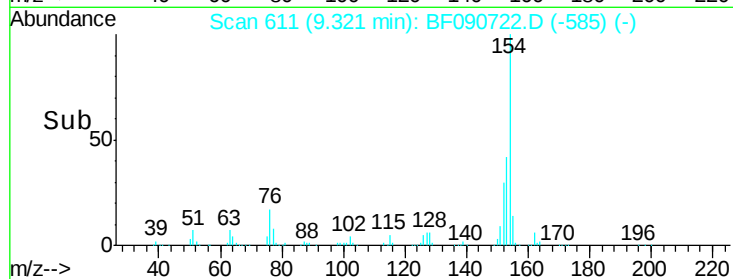
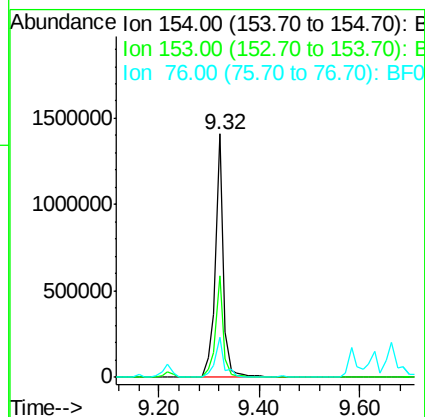
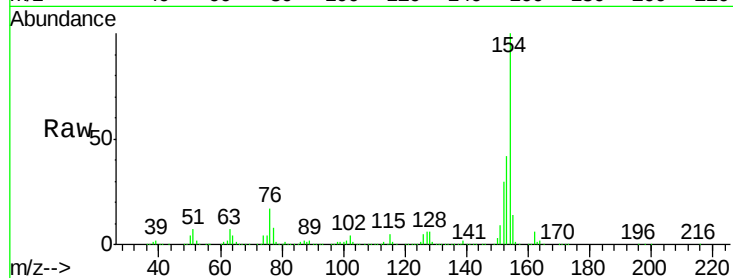




#45
 1,1'-Biphenyl
 Concen: 32.73 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

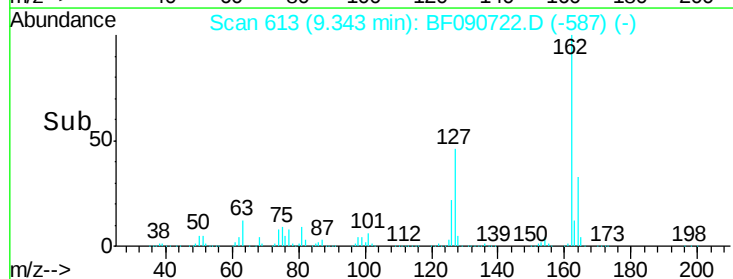
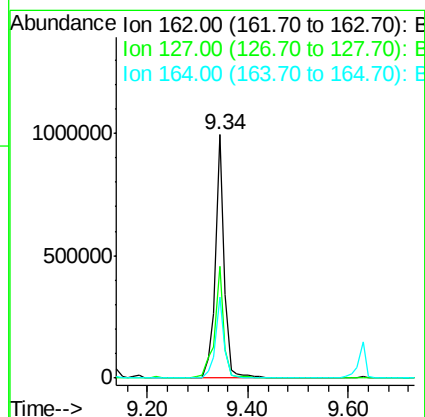
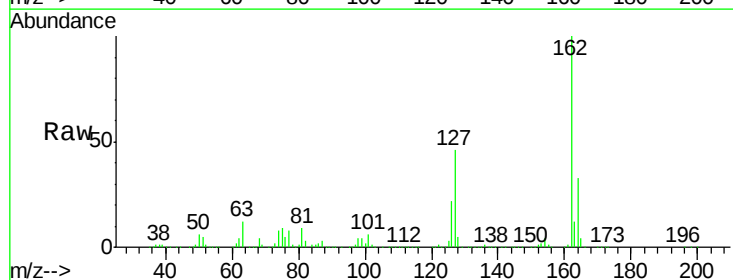
Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

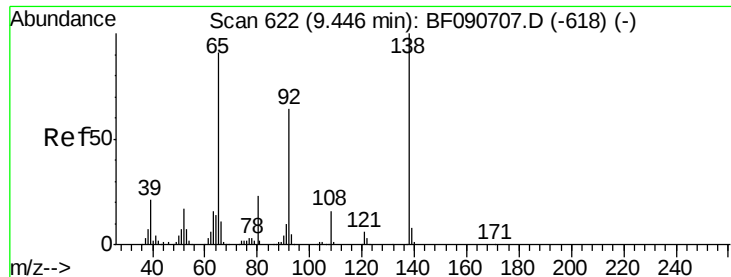
Tgt Ion:154 Resp: 1571629
 Ion Ratio Lower Upper
 154 100
 153 41.9 17.1 57.1
 76 16.6 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 34.50 ng
 RT: 9.34 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion:162 Resp: 1231233
 Ion Ratio Lower Upper
 162 100
 127 45.9 27.6 41.4#
 164 33.3 25.4 38.2

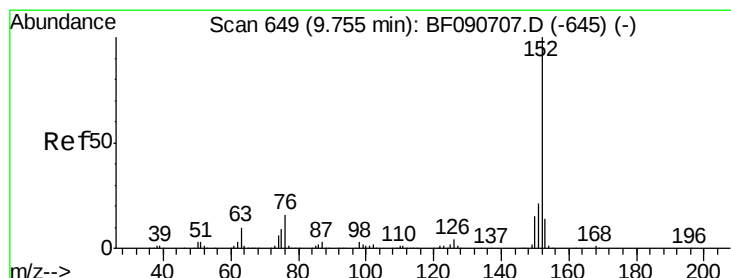
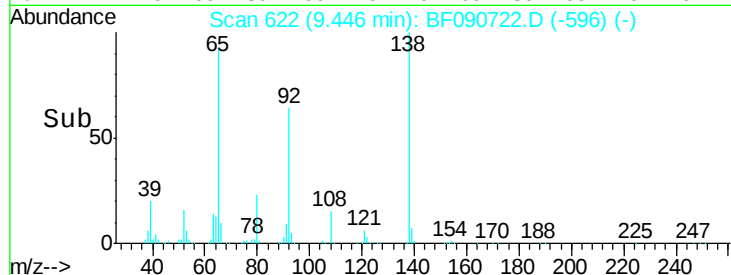
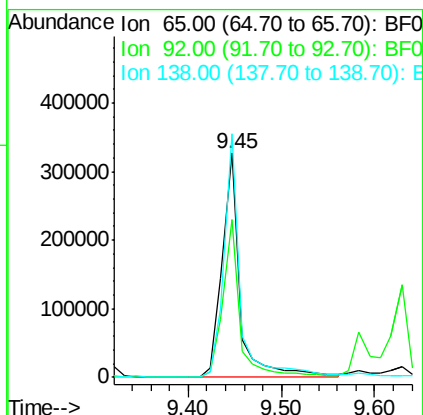
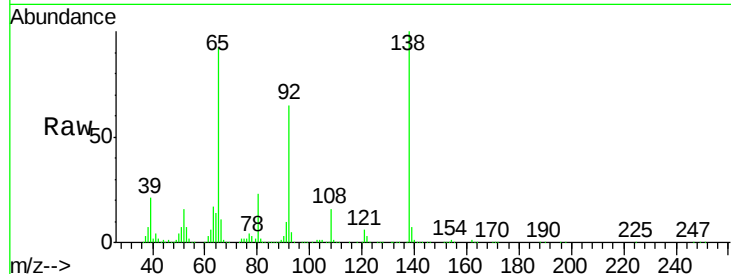




#47
2-Nitroaniline
Concen: 36.95 ng
RT: 9.45 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

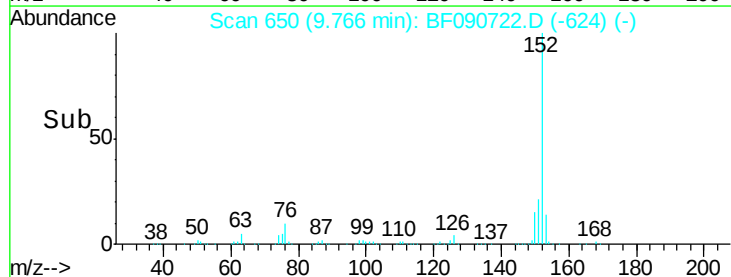
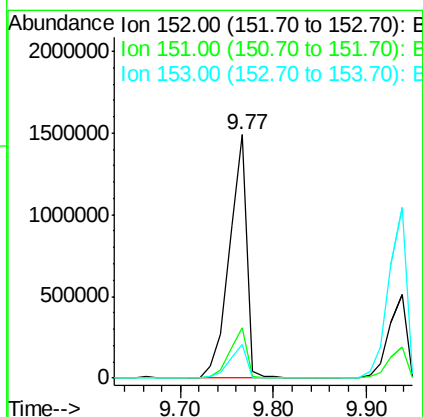
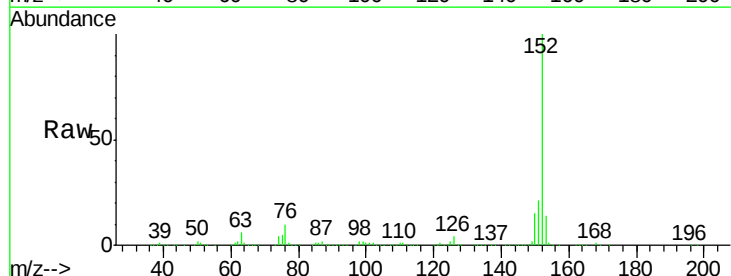
Instrument :
BNA_F
ClientSampleId :
PB94239BS

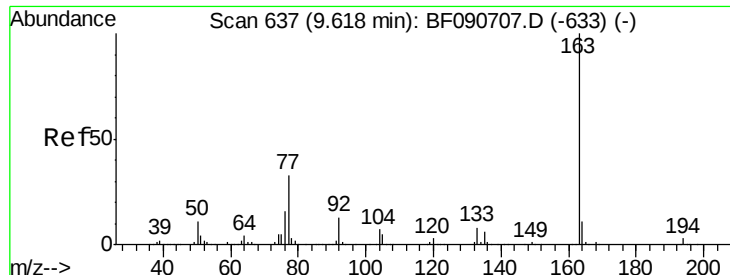
Tgt Ion: 65 Resp: 437710
Ion Ratio Lower Upper
65 100
92 70.1 55.4 83.0
138 108.5 115.5 173.3#



#48
Acenaphthylene
Concen: 35.74 ng
RT: 9.77 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion: 152 Resp: 1946005
Ion Ratio Lower Upper
152 100
151 20.9 14.6 22.0
153 13.6 10.3 15.5





#49

Dimethylphthalate

Concen: 38.64 ng

RT: 9.63 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

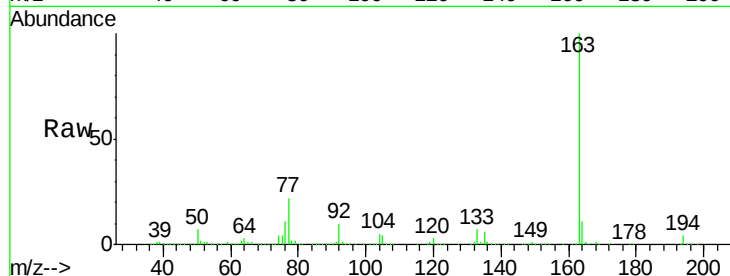
Tgt Ion:163 Resp: 1484446

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

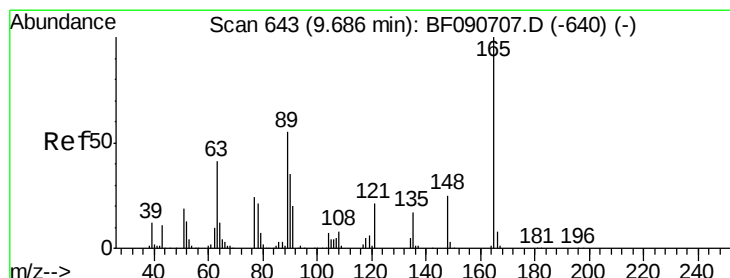
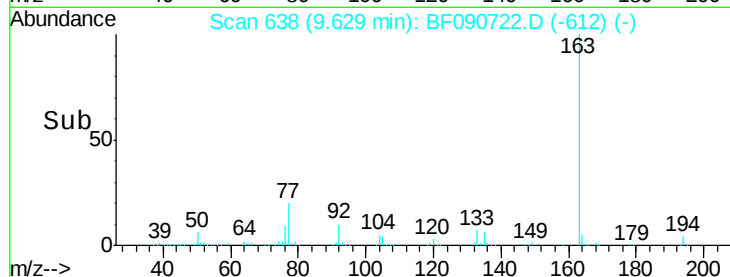
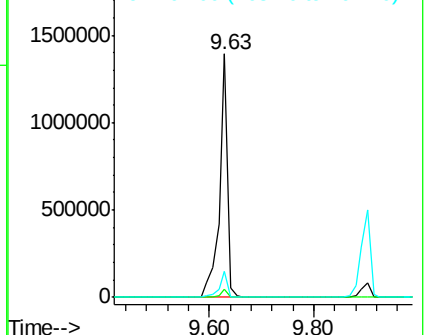
164 10.6 8.3 12.5



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: 37.04 ng

RT: 9.69 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

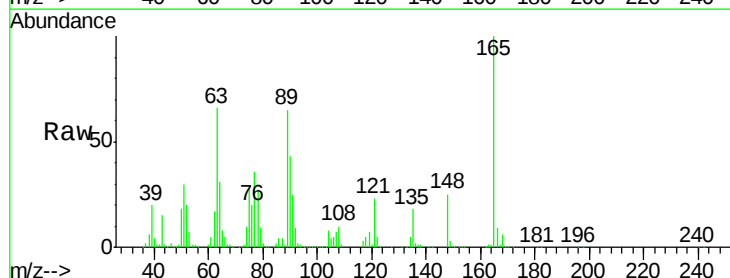
Tgt Ion:165 Resp: 306003

Ion Ratio Lower Upper

165 100

63 66.4 32.3 48.5#

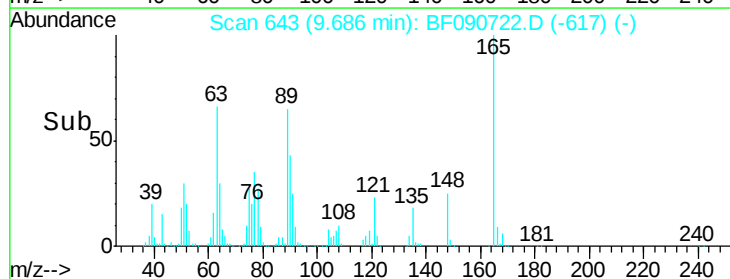
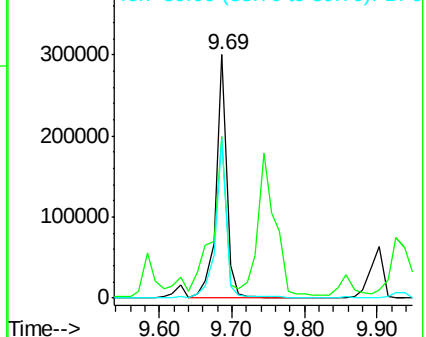
89 65.4 28.6 43.0#

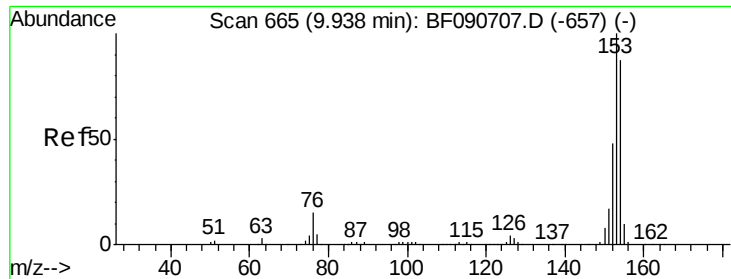


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.16 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

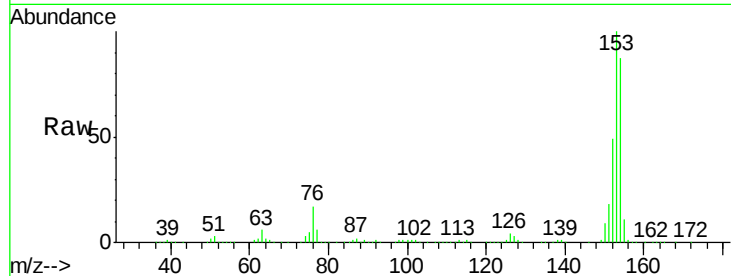
Tgt Ion:154 Resp: 1415711

Ion Ratio Lower Upper

154 100

153 115.0 82.1 123.1

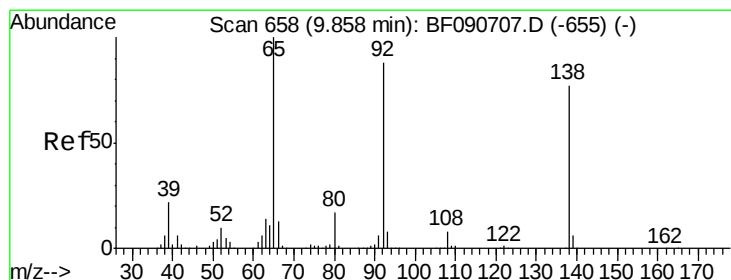
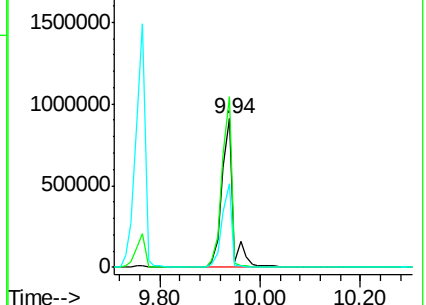
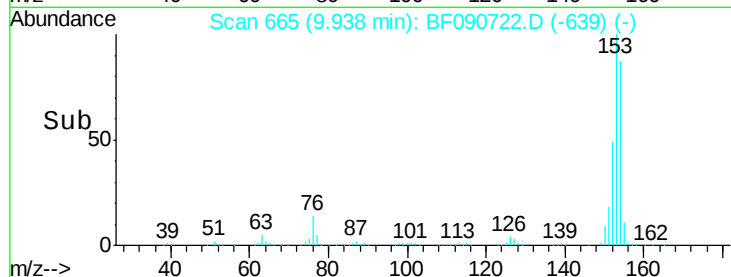
152 56.1 37.9 56.9



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: 20.84 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

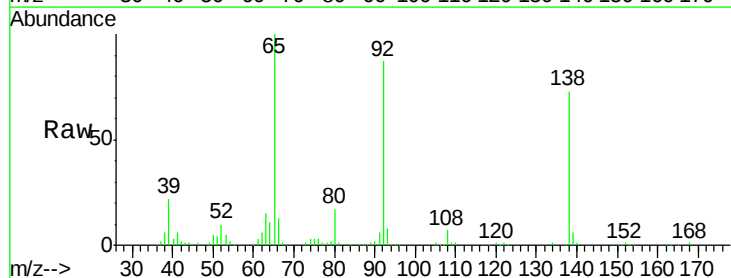
Tgt Ion:138 Resp: 197891

Ion Ratio Lower Upper

138 100

108 10.1 5.7 8.5#

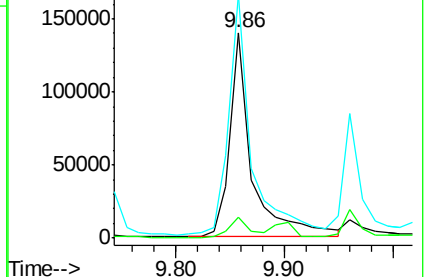
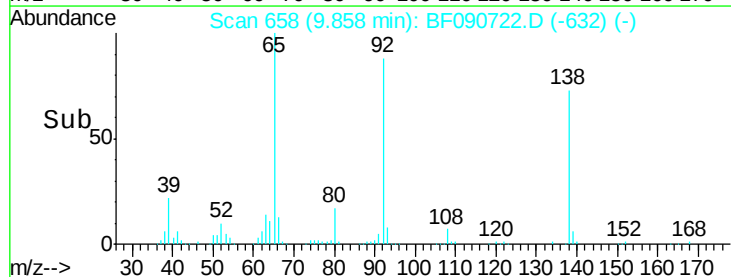
92 118.5 67.7 101.5#

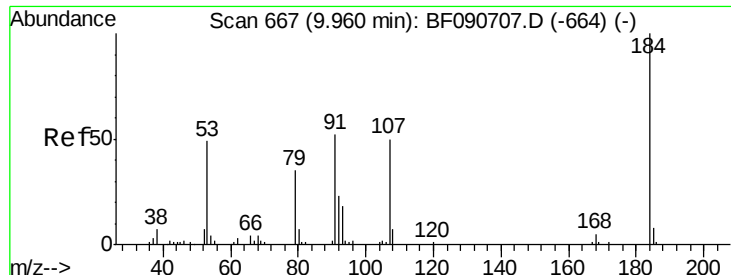


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

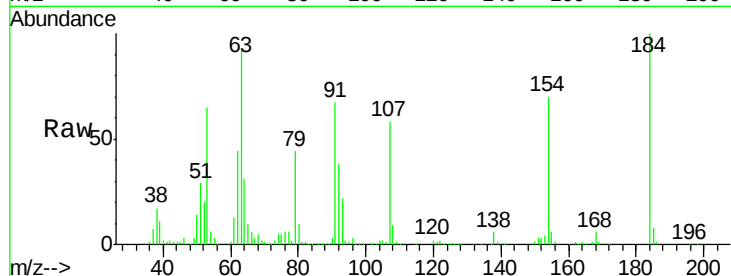




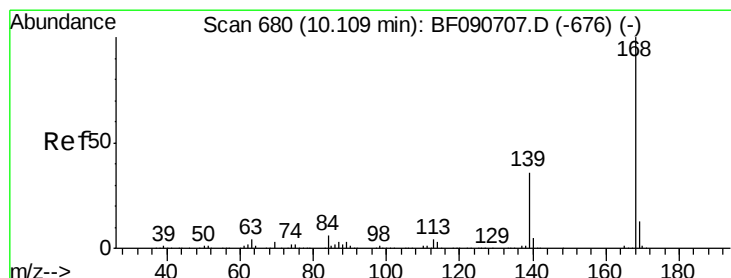
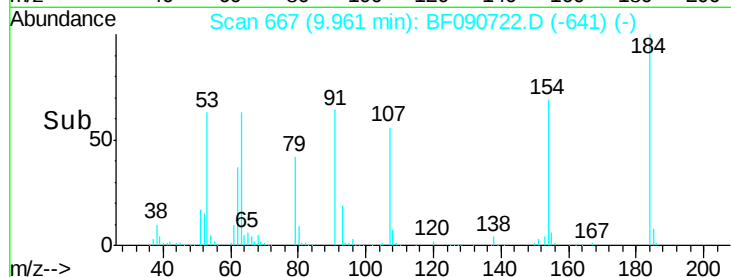
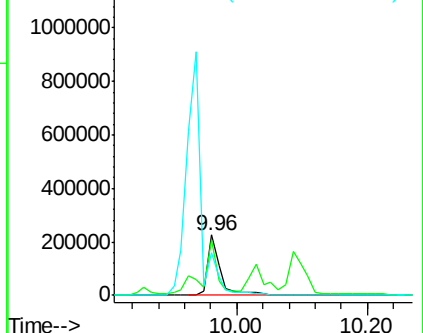
#53
2,4-Dinitrophenol
Concen: 69.97 ng
RT: 9.96 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tgt Ion:184 Resp: 310025
Ion Ratio Lower Upper
184 100
63 91.8 35.4 53.2#
154 69.7 32.2 48.4#

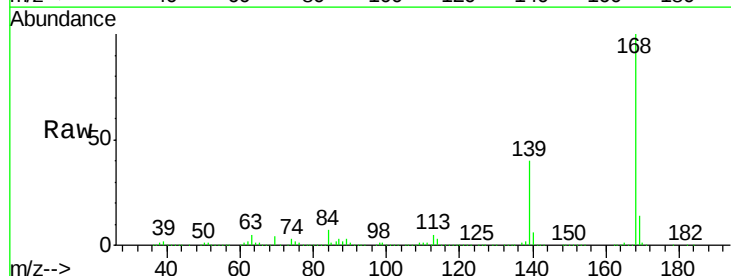


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

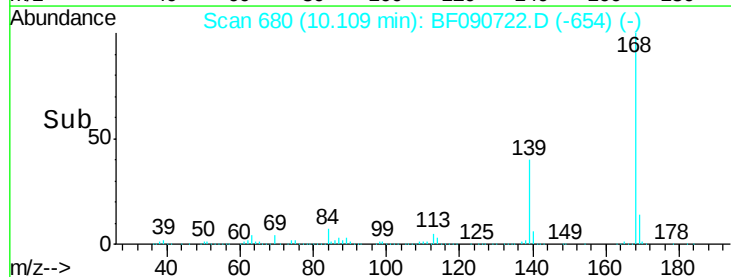
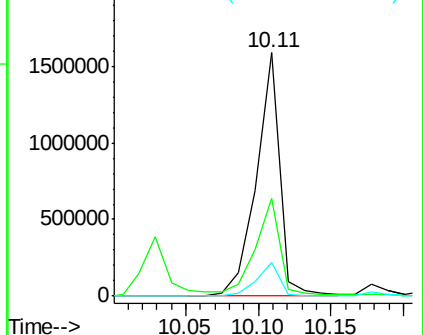


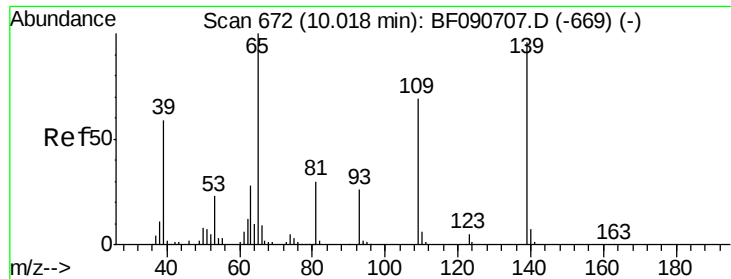
#54
Dibenzofuran
Concen: 40.71 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion:168 Resp: 1782778
Ion Ratio Lower Upper
168 100
139 40.2 24.2 36.2#
169 14.0 10.6 15.8



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

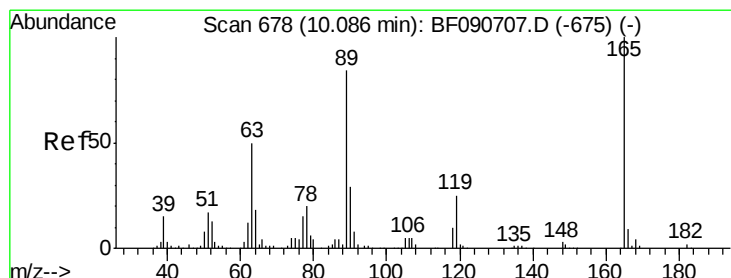
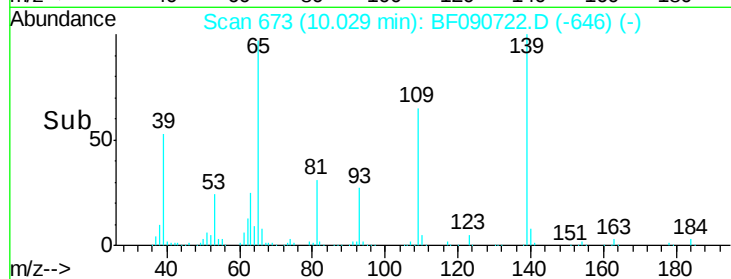
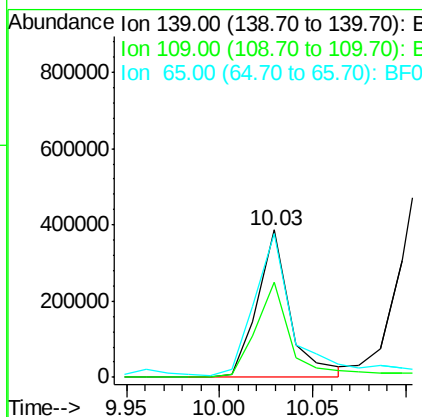
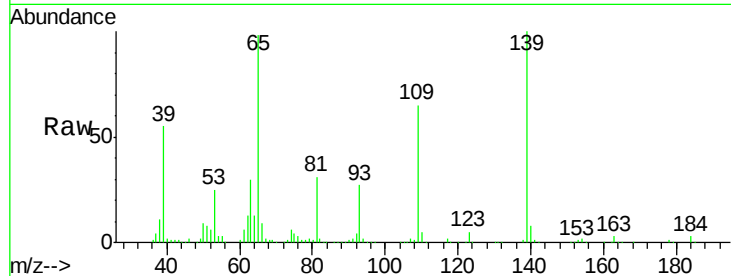




#55
4-Nitrophenol
Concen: 80.78 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

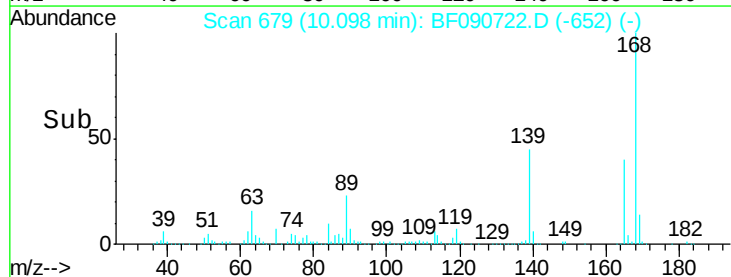
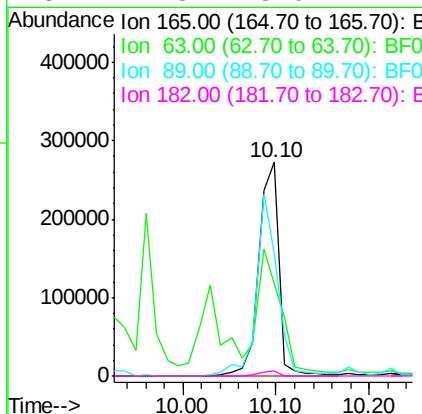
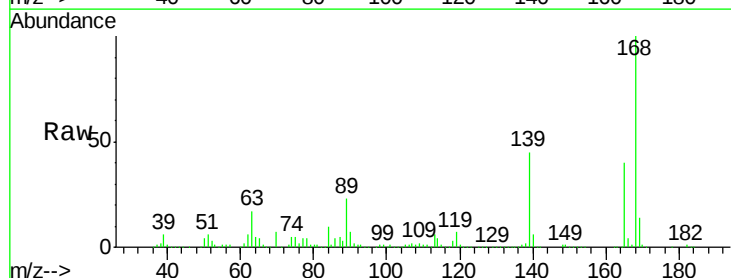
Instrument :
BNA_F
ClientSampleId :
PB94239BS

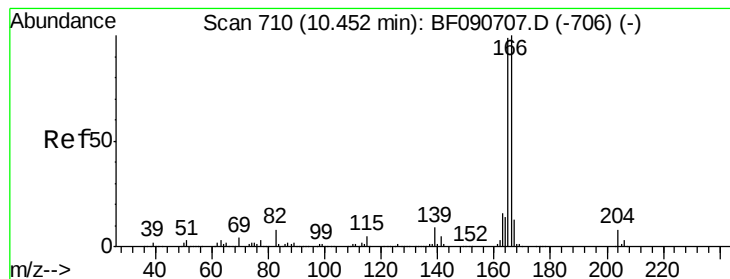
Tgt Ion:139 Resp: 471694
Ion Ratio Lower Upper
139 100
109 64.8 12.7 52.7#
65 98.1 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 40.88 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion:165 Resp: 412825
Ion Ratio Lower Upper
165 100
63 43.0 29.8 44.6
89 57.8 44.5 66.7
182 2.3 3.0 4.4#





#57

Fluorene

Concen: 38.63 ng

RT: 10.45 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

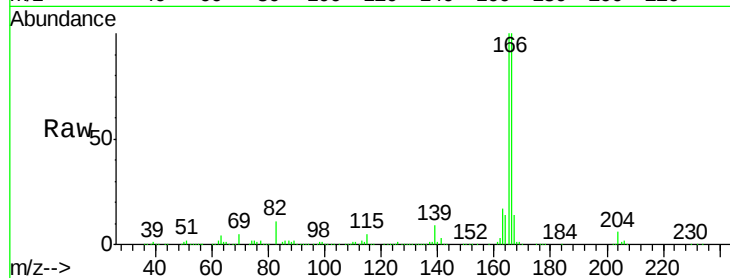
Tgt Ion:166 Resp: 1402090

Ion Ratio Lower Upper

166 100

165 99.8 72.6 109.0

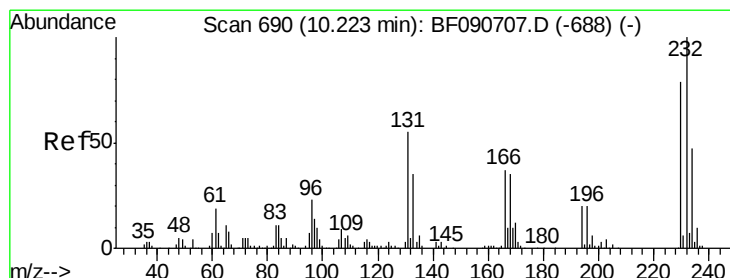
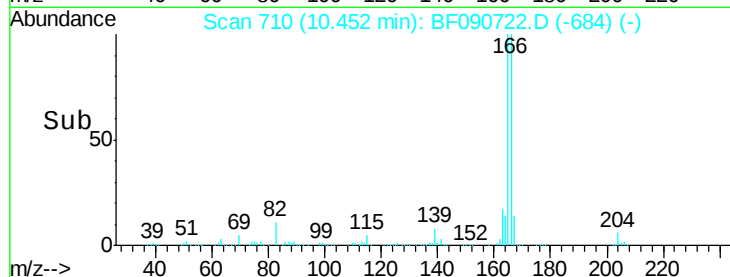
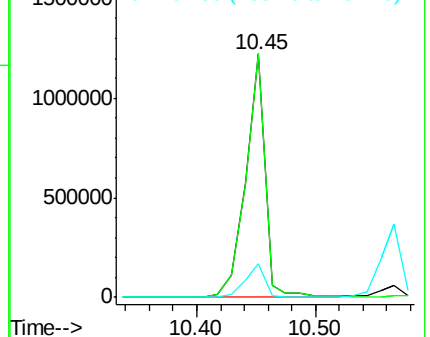
167 13.7 10.6 16.0



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: 40.28 ng

RT: 10.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Tgt Ion:232 Resp: 328432

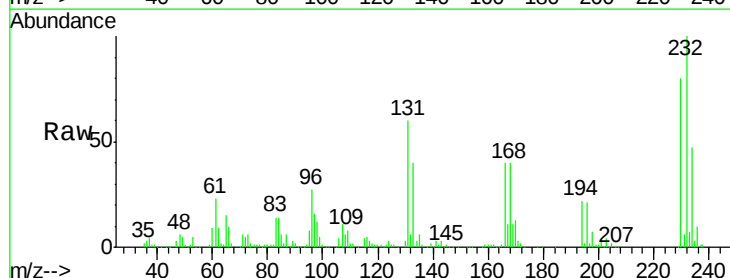
Ion Ratio Lower Upper

232 100

131 54.4 38.5 57.7

130 2.5 1.8 2.6

166 33.9 25.0 37.6

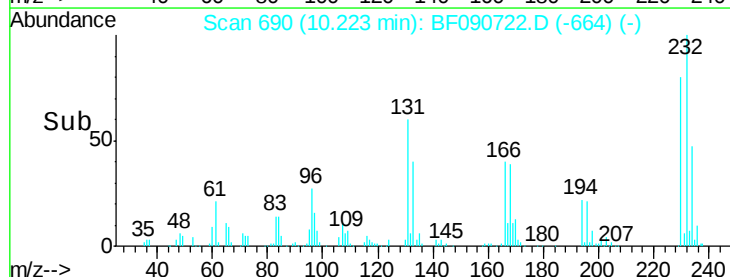
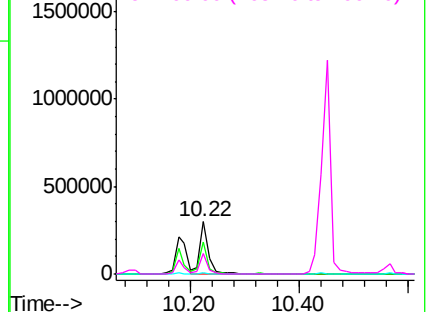


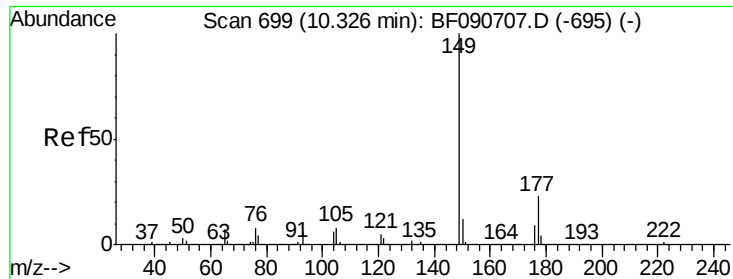
Abundance Ion 232.00 (231.70 to 232.70): E

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

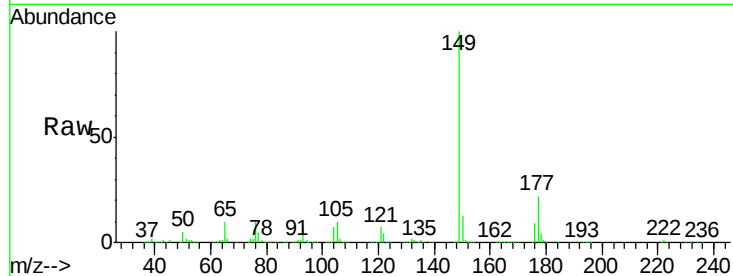




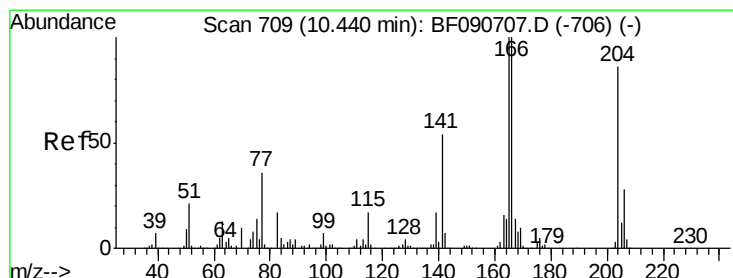
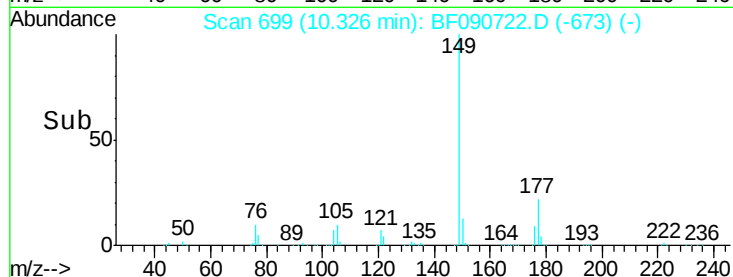
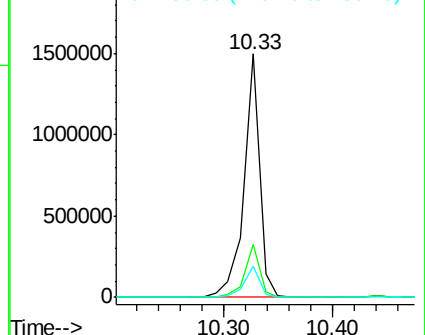
#59
Diethylphthalate
Concen: 36.99 ng
RT: 10.33 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tgt Ion:149 Resp: 1473982
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 13.0 9.4 14.2

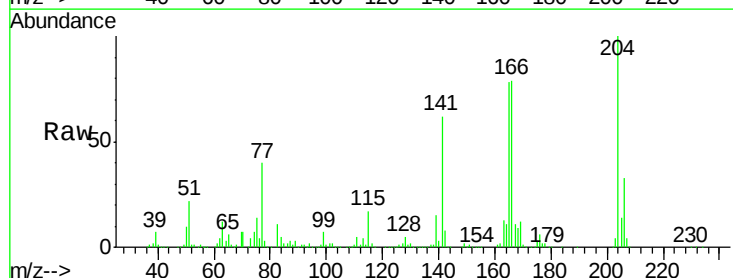


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

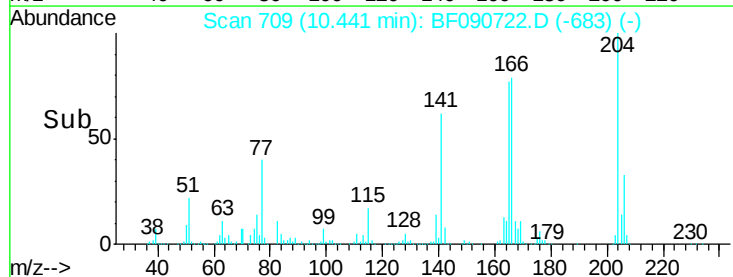
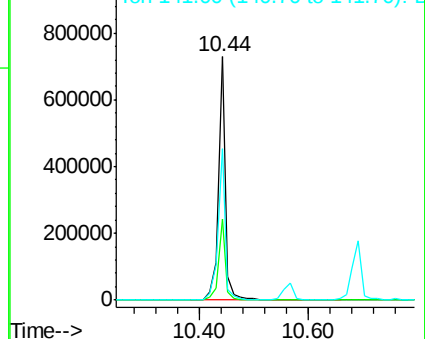


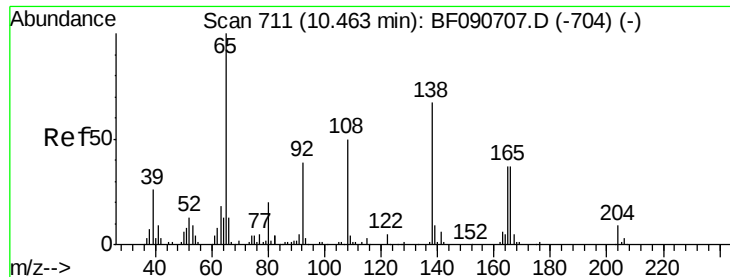
#60
4-Chlorophenyl-phenylether
Concen: 40.66 ng
RT: 10.44 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion:204 Resp: 674378
Ion Ratio Lower Upper
204 100
206 33.3 24.8 37.2
141 62.1 42.2 63.4



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

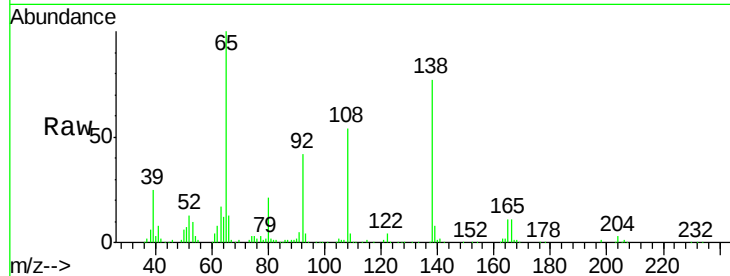




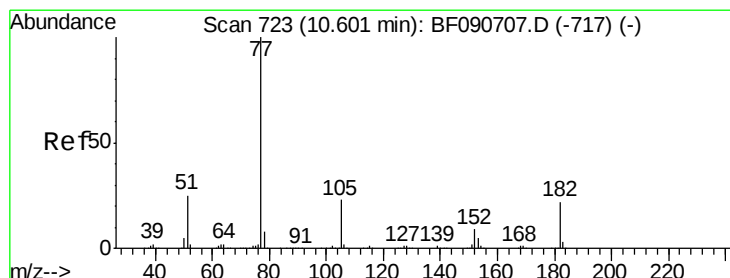
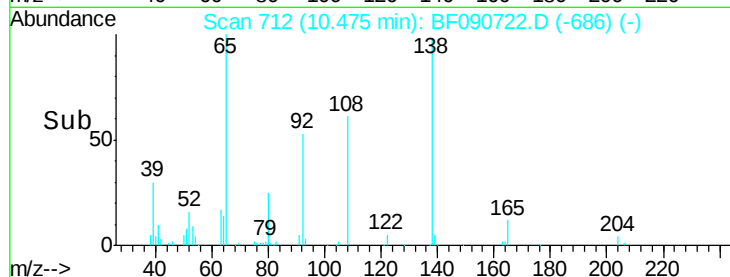
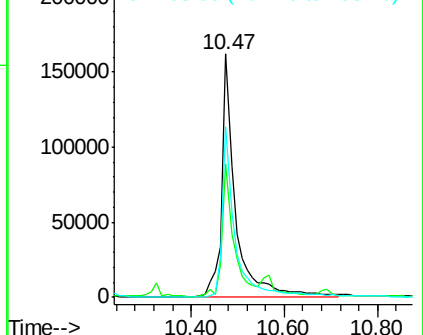
#61
4-Nitroaniline
Concen: 33.91 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tgt Ion: 138 Resp: 326154
Ion Ratio Lower Upper
138 100
92 55.1 12.6 52.6#
108 70.2 12.4 52.4#



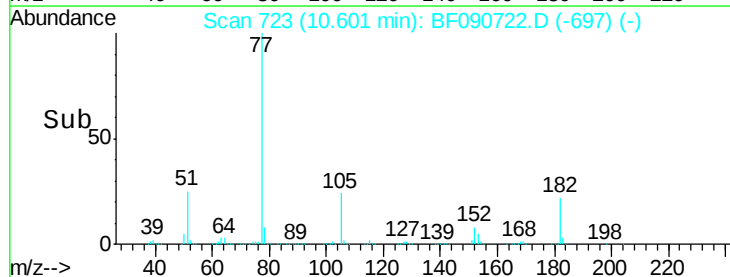
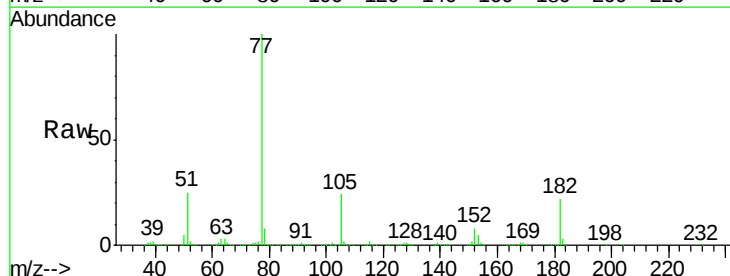
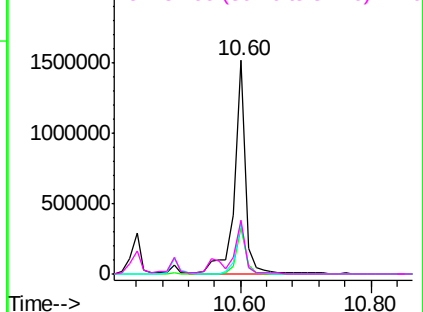
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

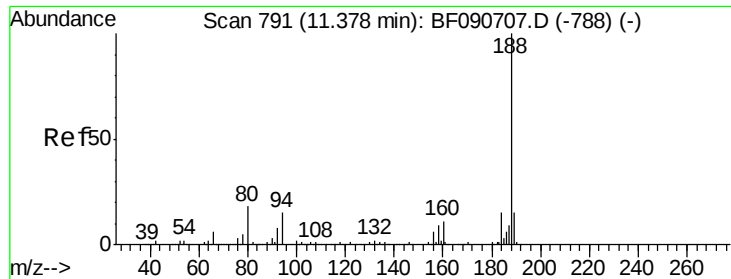


#62
Azobenzene
Concen: 37.16 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion: 77 Resp: 1733709
Ion Ratio Lower Upper
77 100
182 21.5 15.1 55.1
105 24.2 3.4 43.4
51 25.4 12.0 52.0

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

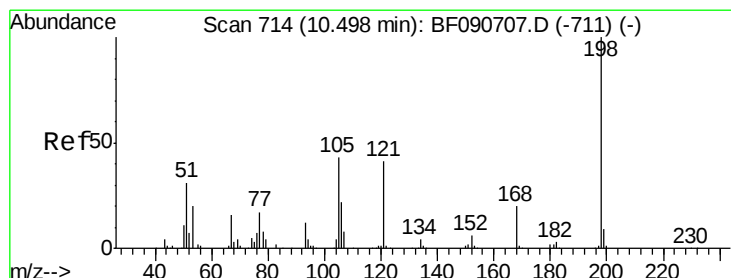
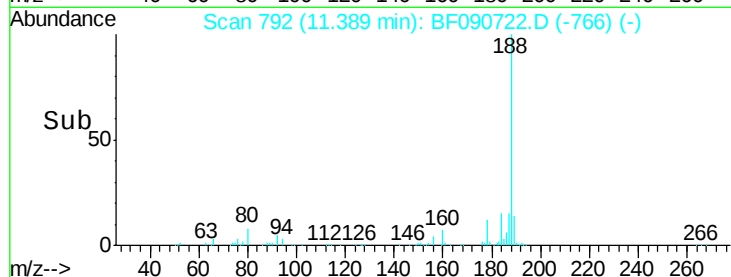
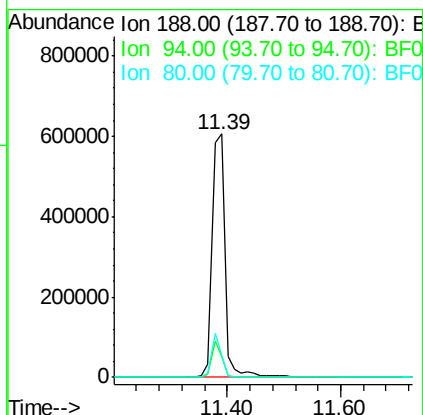
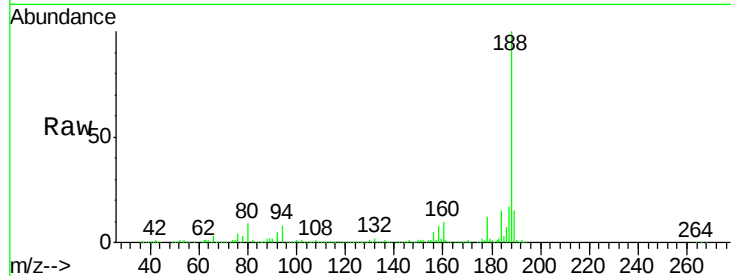




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

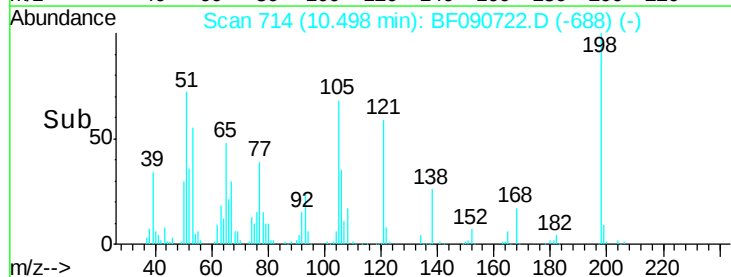
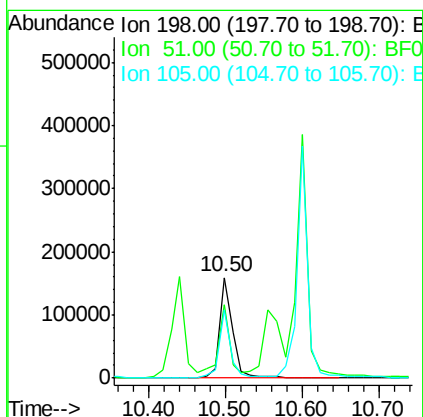
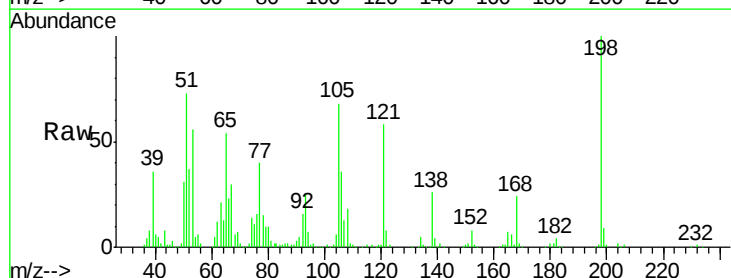
Instrument :
BNA_F
ClientSampleId :
PB94239BS

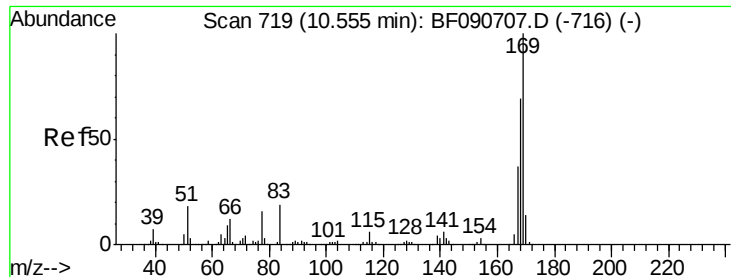
Tgt Ion:188 Resp: 937556
Ion Ratio Lower Upper
188 100
94 8.5 11.1 16.7#
80 8.9 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 33.32 ng
RT: 10.50 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion:198 Resp: 191005
Ion Ratio Lower Upper
198 100
51 72.8 39.6 79.6
105 67.8 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 39.74 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

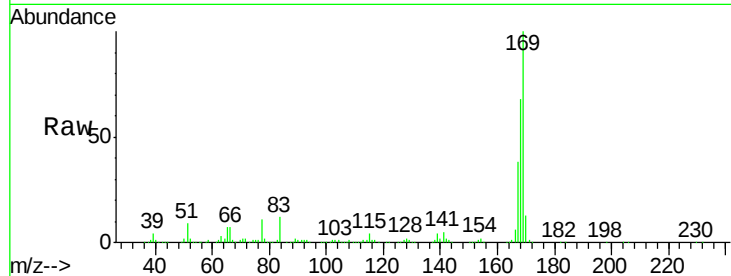
Tgt Ion:169 Resp: 1193649

Ion Ratio Lower Upper

169 100

168 68.4 48.9 73.3

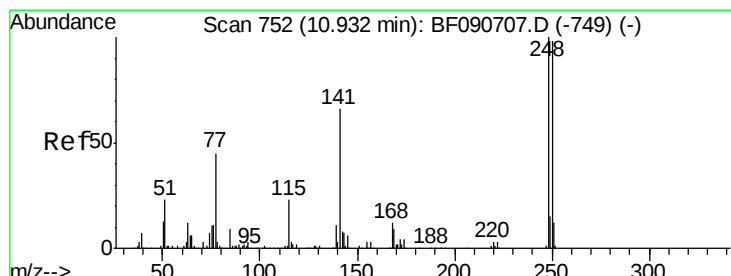
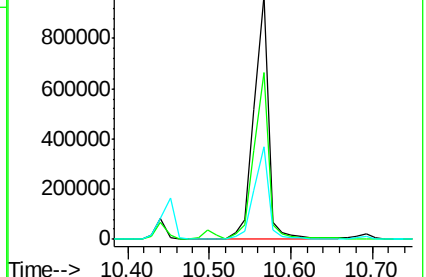
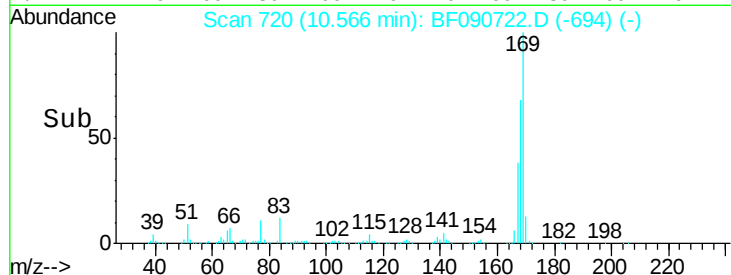
167 38.1 26.2 39.4



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: 43.32 ng

RT: 10.93 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

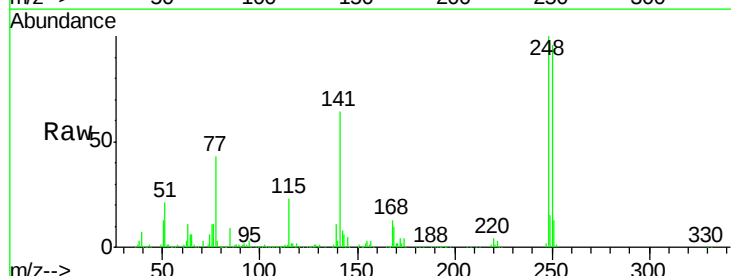
Tgt Ion:248 Resp: 393697

Ion Ratio Lower Upper

248 100

250 96.4 78.5 117.7

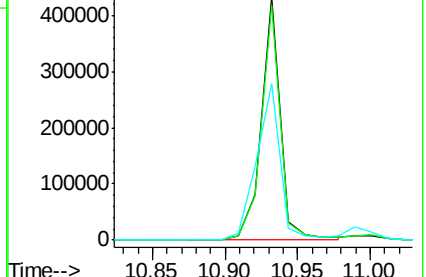
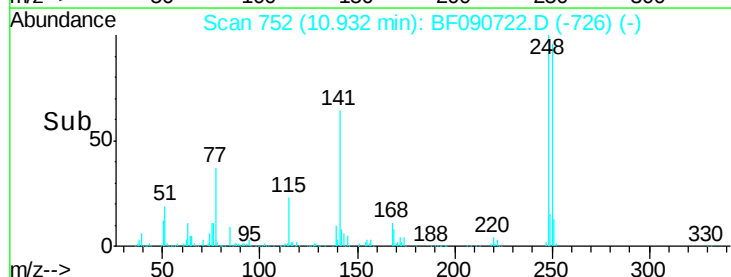
141 64.2 59.0 88.6

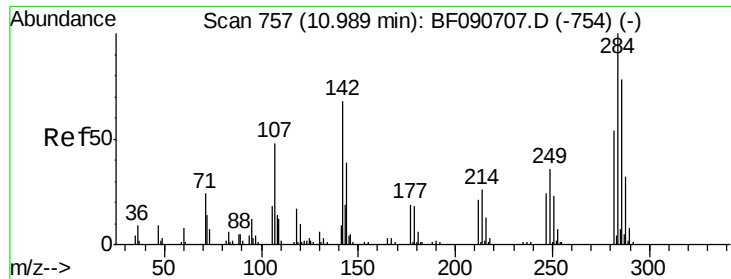


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

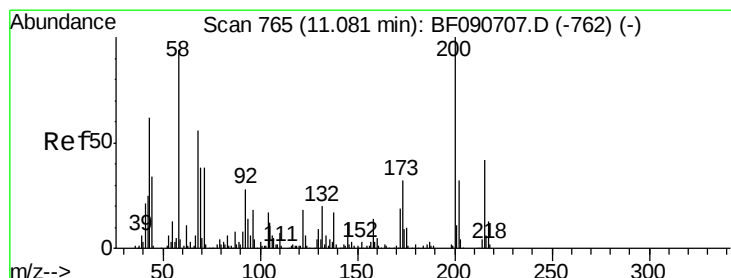
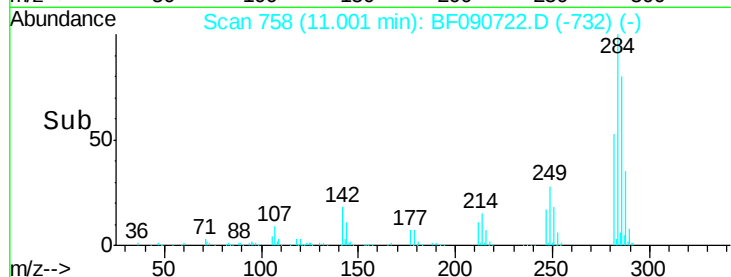
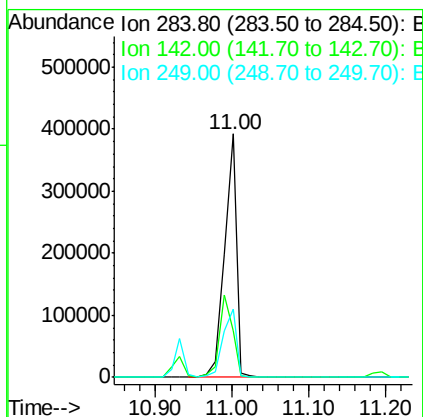
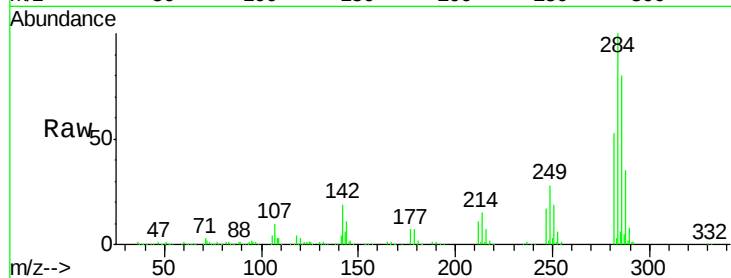




#67
Hexachlorobenzene
Concen: 40.52 ng
RT: 11.00 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

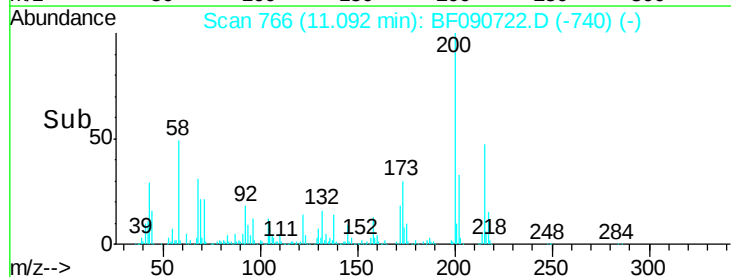
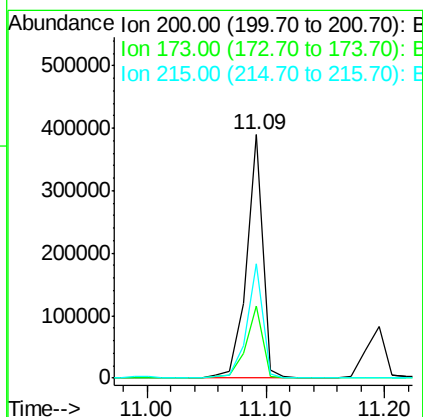
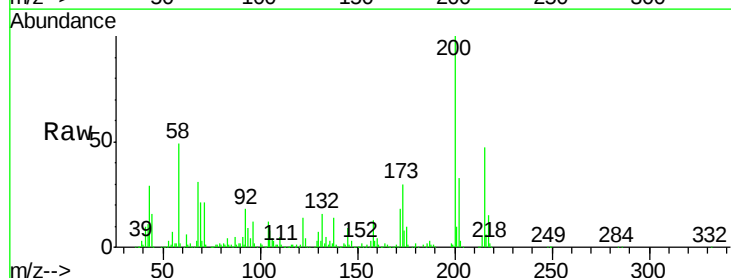
Instrument :
BNA_F
ClientSampleId :
PB94239BS

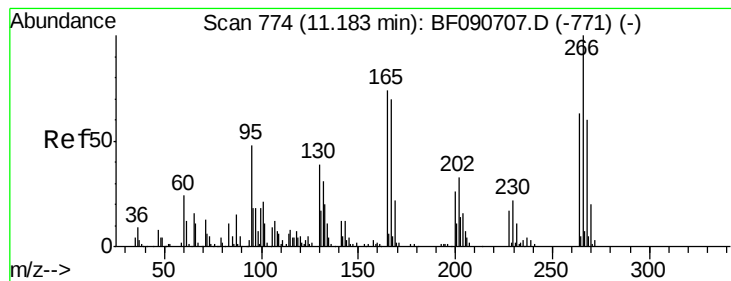
Tgt Ion:284 Resp: 434609
Ion Ratio Lower Upper
284 100
142 19.2 29.5 44.3#
249 28.1 19.5 29.3



#68
Atrazine
Concen: 45.16 ng
RT: 11.09 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion:200 Resp: 374426
Ion Ratio Lower Upper
200 100
173 29.8 13.2 53.2
215 47.1 41.8 81.8





#69

Pentachlorophenol

Concen: 74.76 ng

RT: 11.20 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

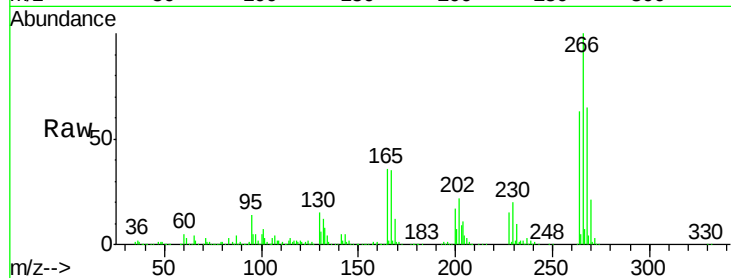
Tgt Ion:266 Resp: 493334

Ion Ratio Lower Upper

266 100

268 65.1 49.8 74.6

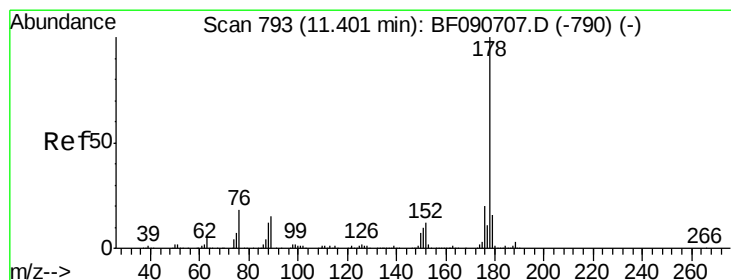
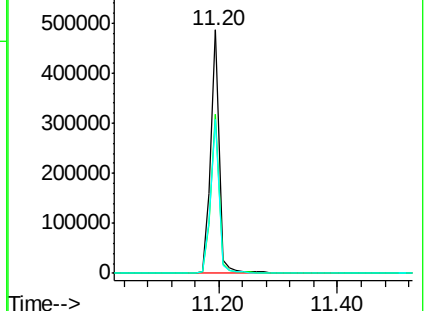
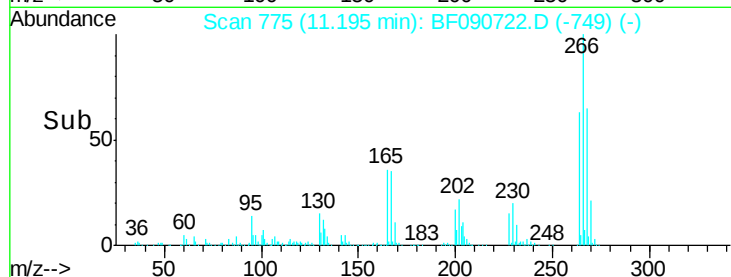
264 63.3 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.66 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.05 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

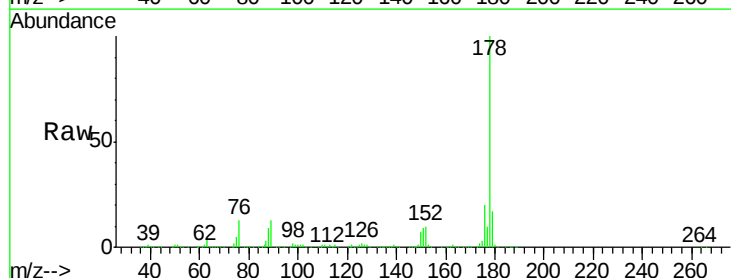
Tgt Ion:178 Resp: 1799947

Ion Ratio Lower Upper

178 100

176 20.3 13.8 20.8

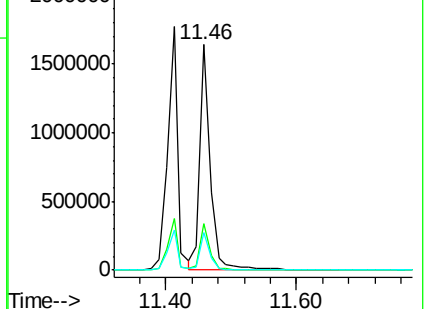
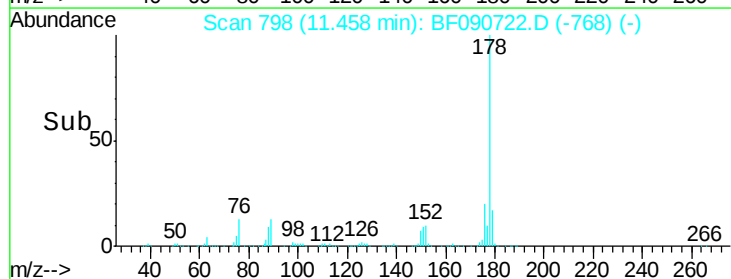
179 16.7 12.2 18.2

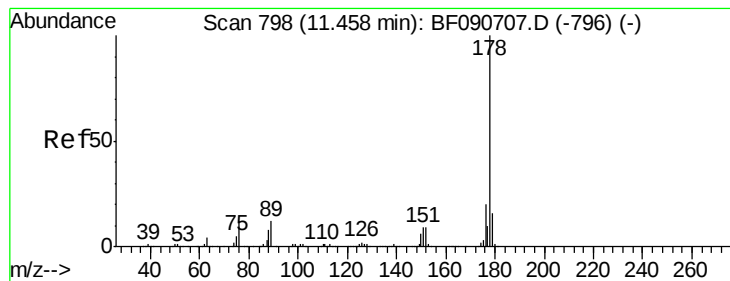


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 34.25 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

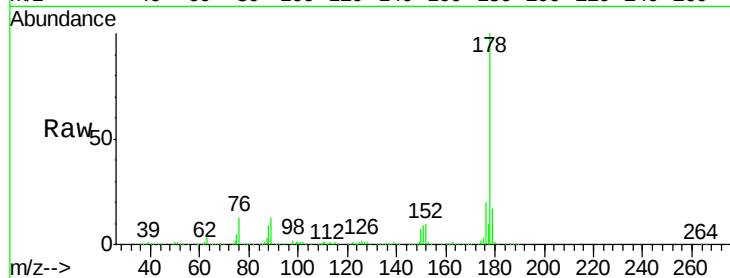
Tgt Ion:178 Resp: 1815306

Ion Ratio Lower Upper

178 100

176 20.3 14.1 21.1

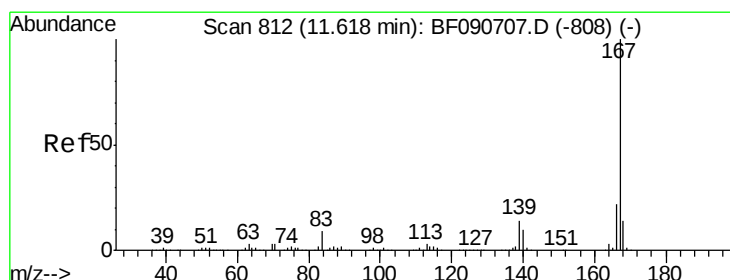
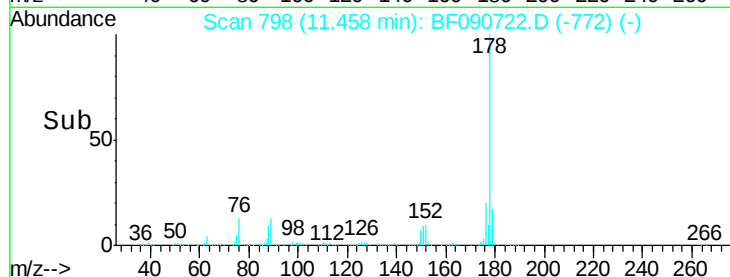
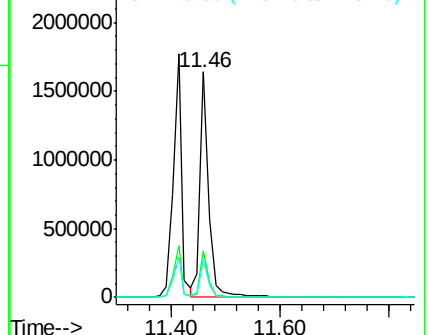
179 16.7 12.2 18.2



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



#72

Carbazole

Concen: 39.24 ng

RT: 11.62 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

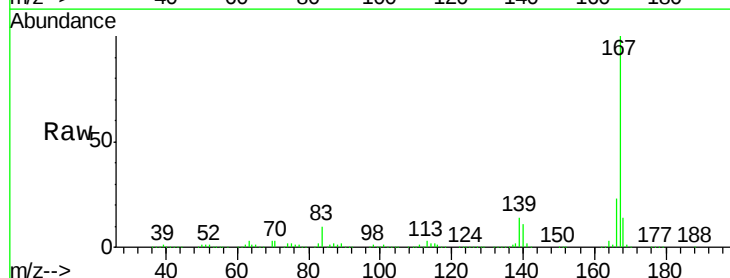
Tgt Ion:167 Resp: 1738887

Ion Ratio Lower Upper

167 100

166 22.8 15.7 23.5

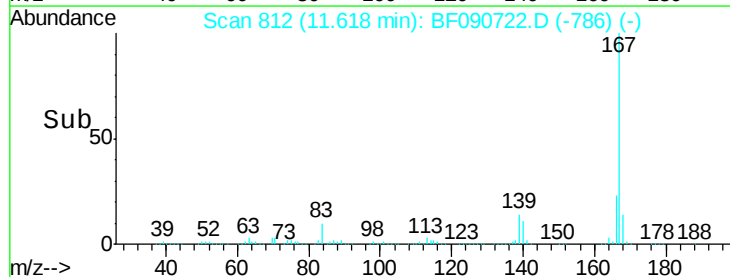
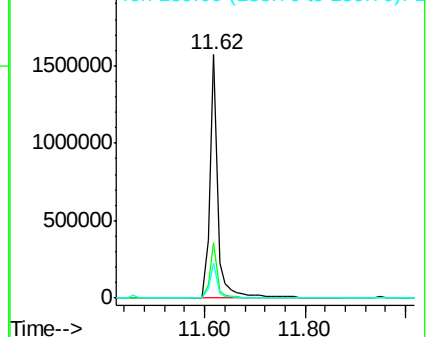
139 14.4 9.5 14.3#

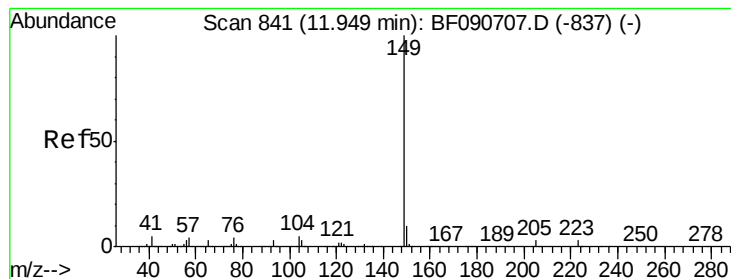


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.91 ng

RT: 11.95 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

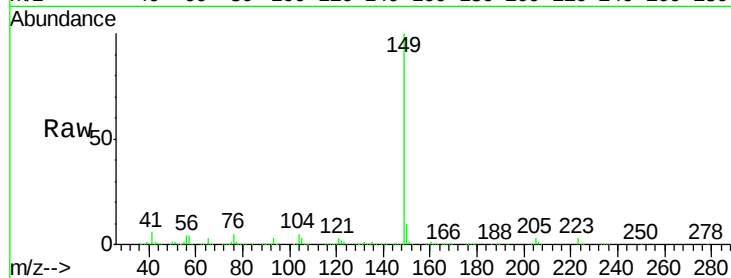
Tgt Ion:149 Resp: 2236265

Ion Ratio Lower Upper

149 100

150 10.3 7.4 11.2

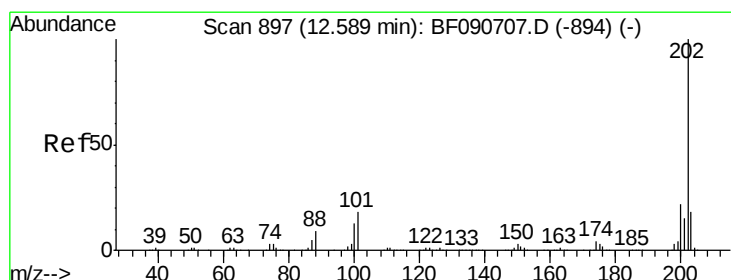
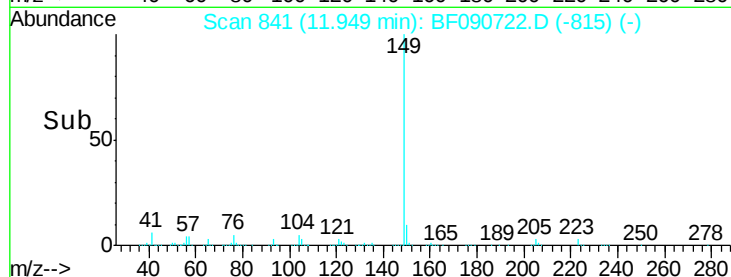
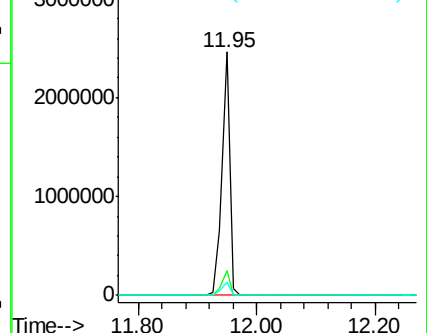
104 5.2 2.4 3.6#



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: 36.24 ng

RT: 12.59 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

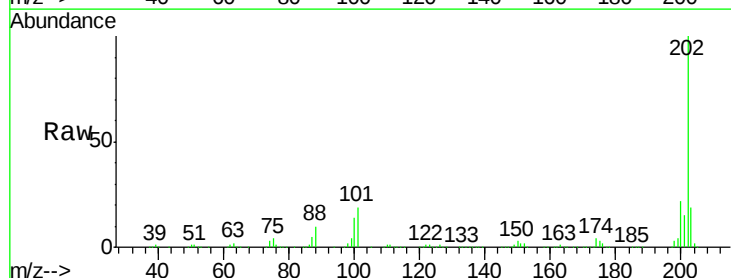
Tgt Ion:202 Resp: 1675515

Ion Ratio Lower Upper

202 100

101 19.4 0.0 38.3

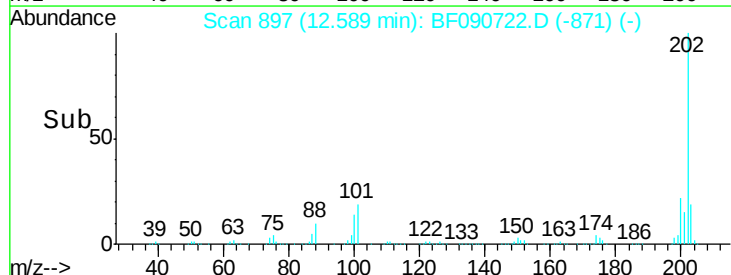
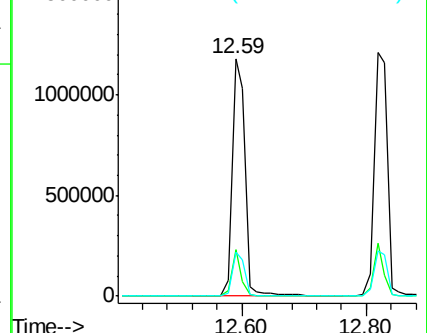
203 18.7 0.0 37.3

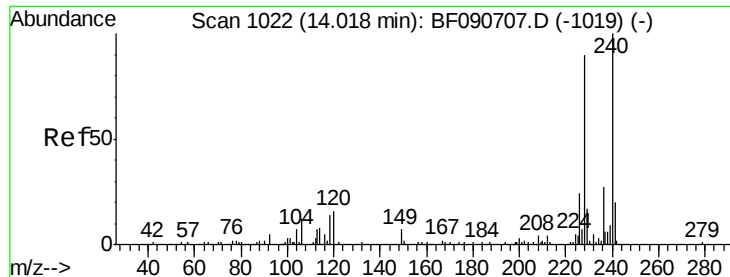


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

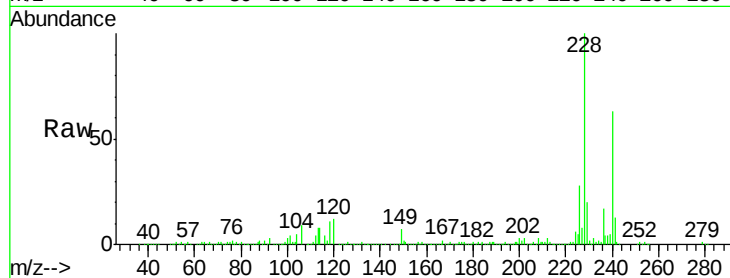
Tgt Ion:240 Resp: 682267

Ion Ratio Lower Upper

240 100

120 19.0 16.2 24.2

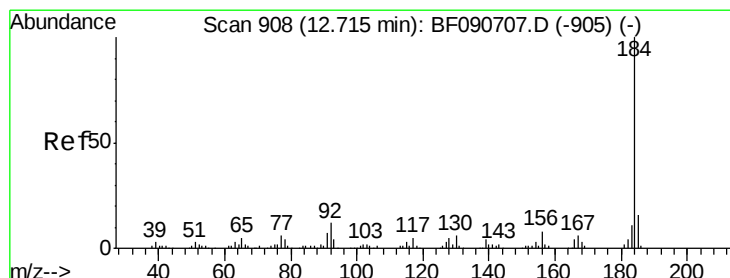
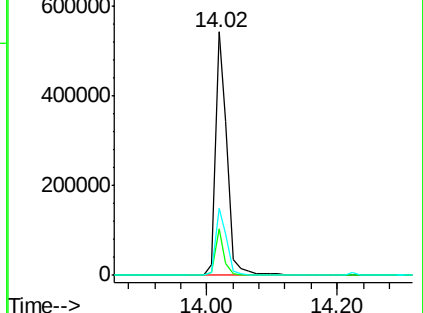
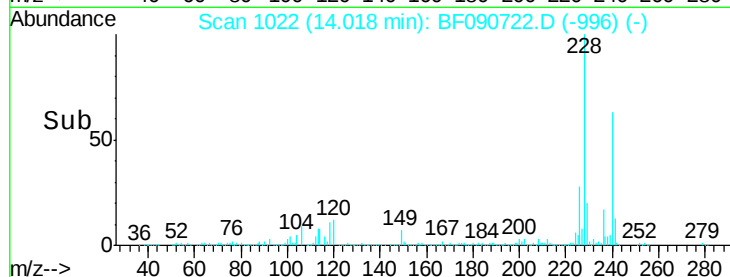
236 27.3 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.25 ng

RT: 12.72 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

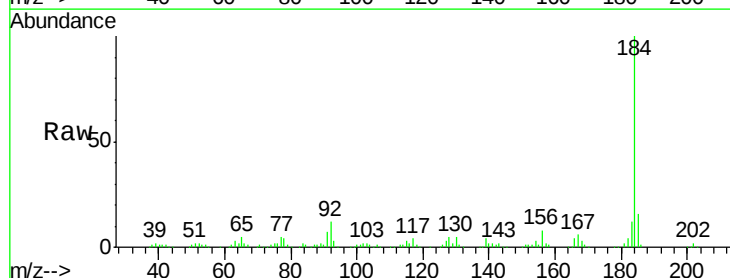
Tgt Ion:184 Resp: 518884

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.6

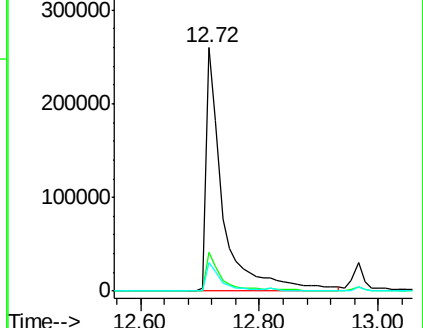
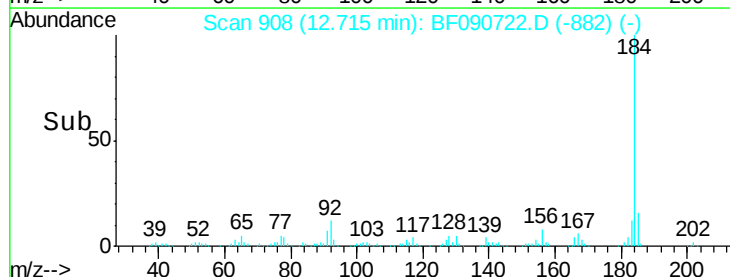
183 11.8 7.6 11.4#

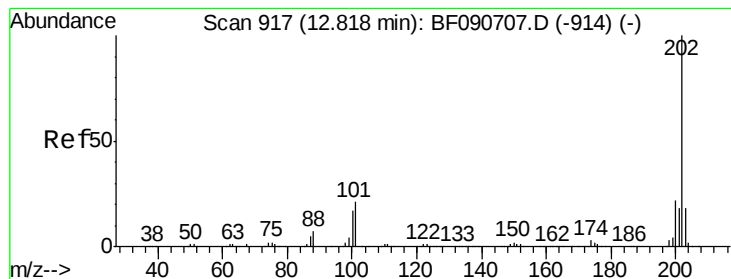


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.85 ng

RT: 12.82 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

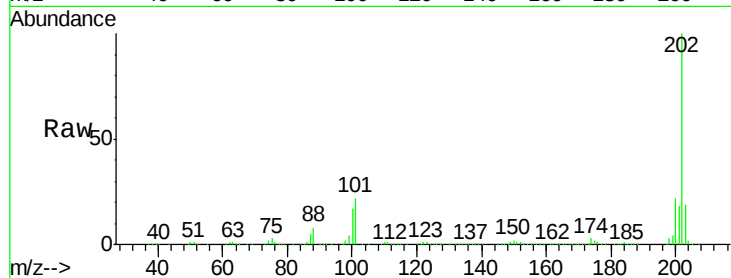
Tgt Ion:202 Resp: 1755836

Ion Ratio Lower Upper

202 100

200 22.4 15.0 22.4

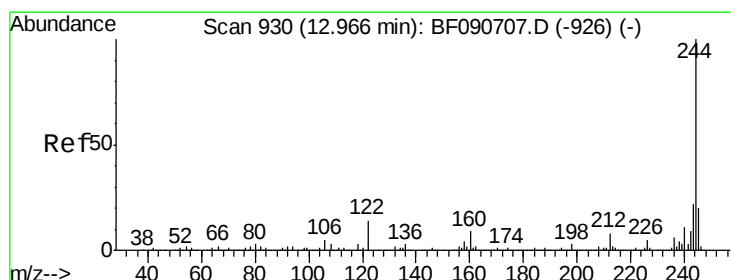
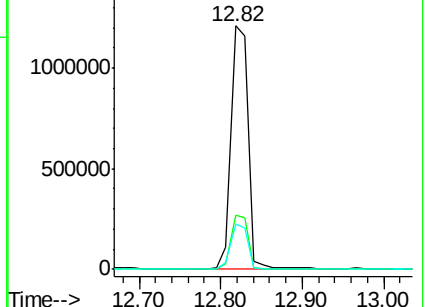
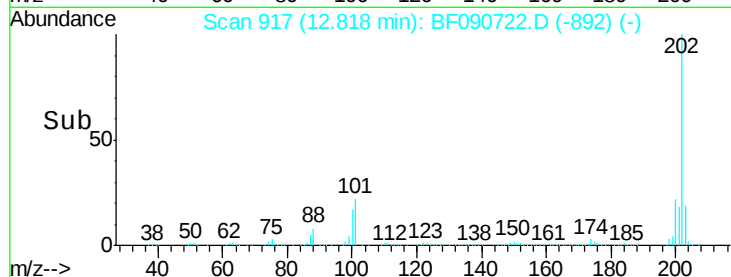
203 18.8 14.1 21.1



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: 72.67 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

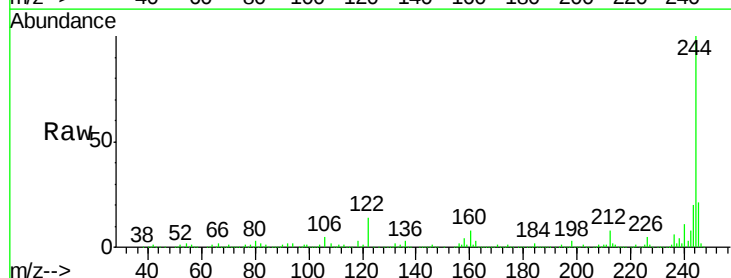
Tgt Ion:244 Resp: 2163426

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

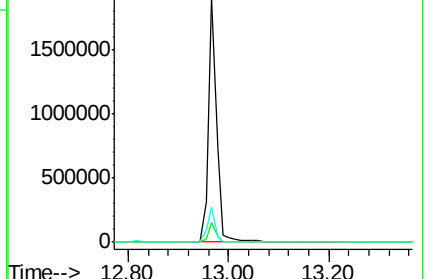
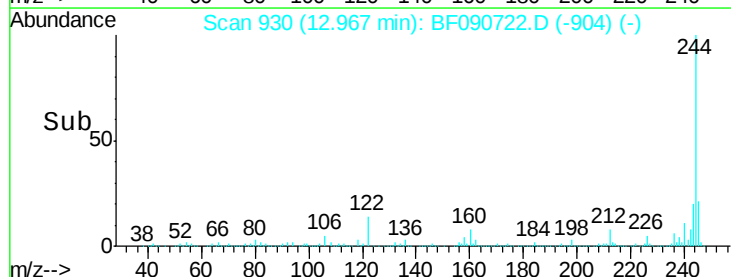
122 14.3 17.4 26.2#

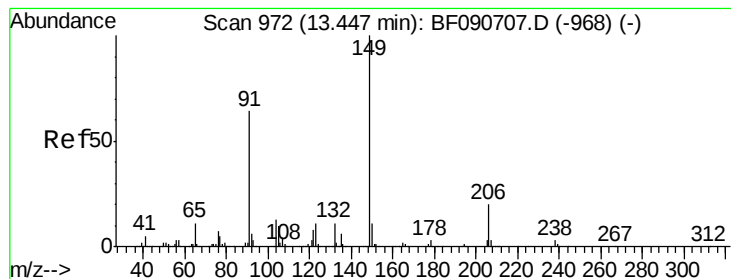


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.13 ng

RT: 13.45 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

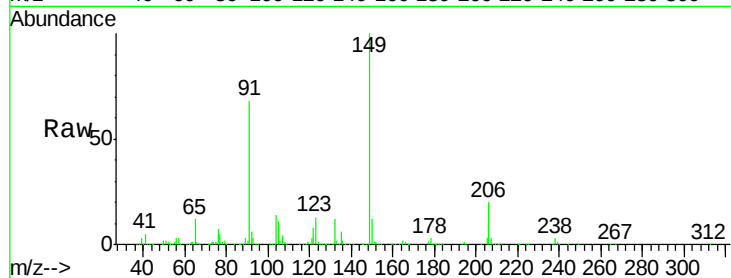
Tgt Ion:149 Resp: 944747

Ion Ratio Lower Upper

149 100

91 67.6 48.6 72.8

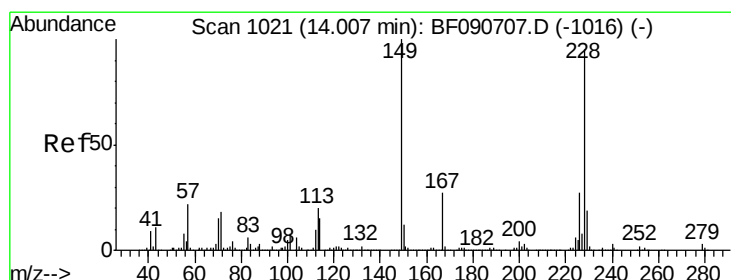
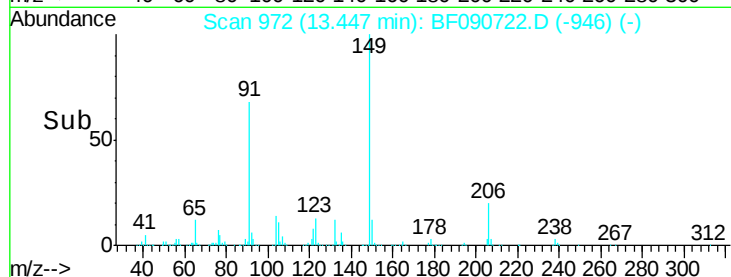
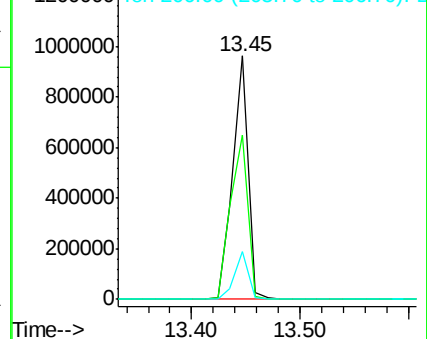
206 19.7 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.87 ng

RT: 14.01 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

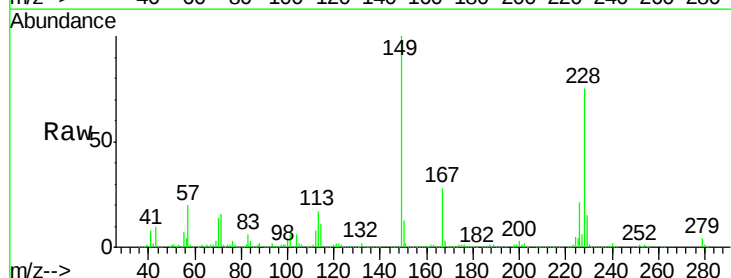
Tgt Ion:228 Resp: 1413956

Ion Ratio Lower Upper

228 100

226 28.1 20.0 30.0

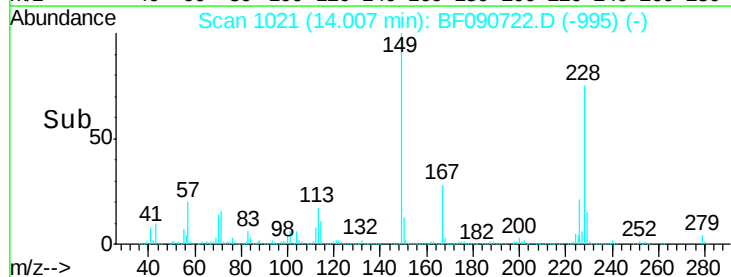
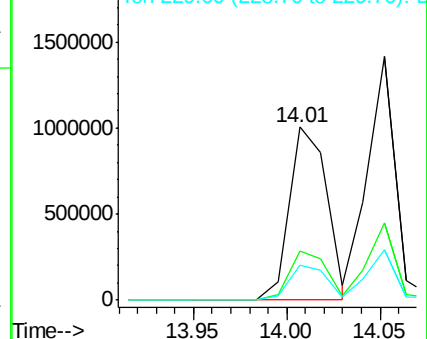
229 20.6 15.4 23.2



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

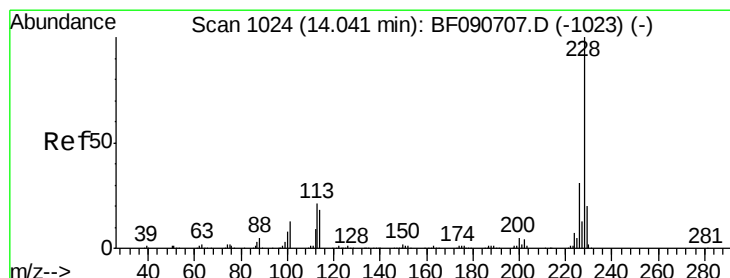
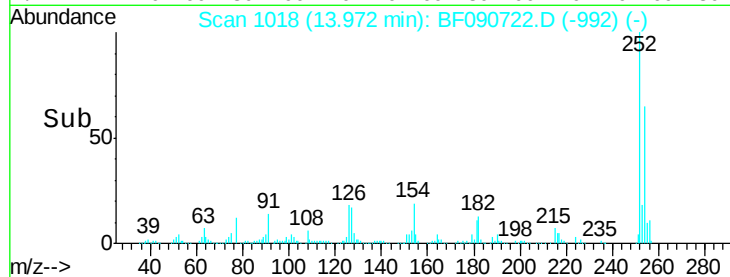
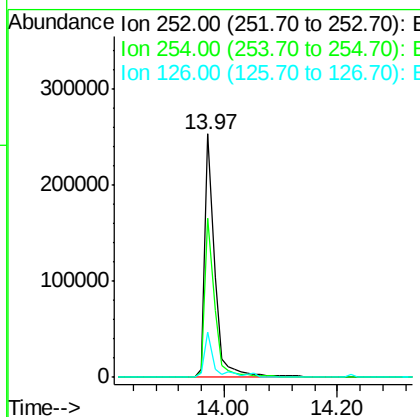
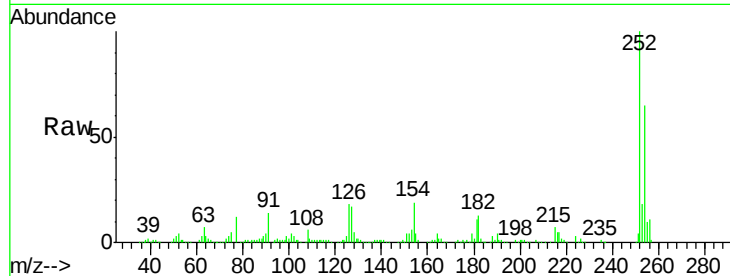




#81
 3,3'-Dichlorobenzidine
 Concen: 23.06 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

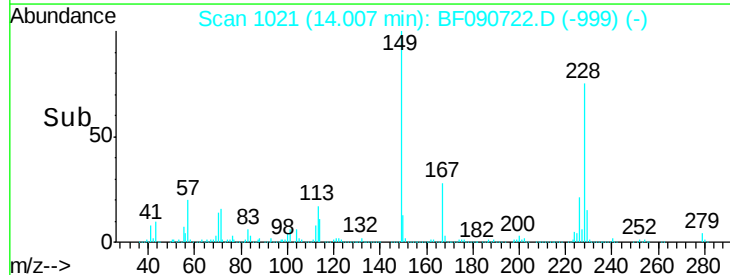
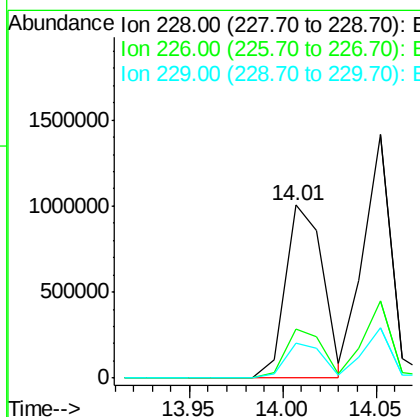
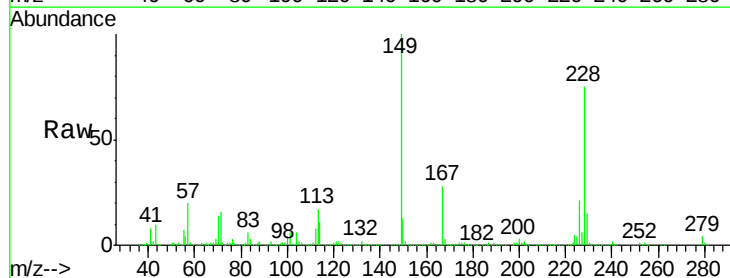
Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

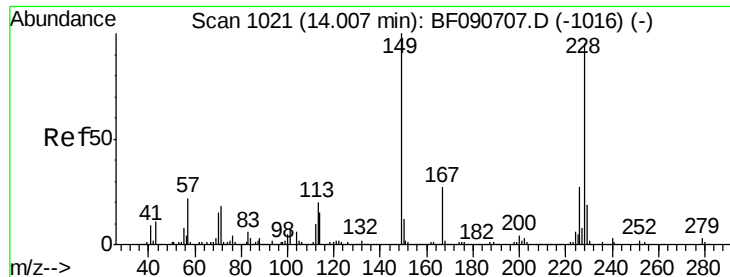
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.4	77.2
126	18.3	16.4	24.6



#82
 Chrysene
 Concen: 38.80 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.05 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.0	31.4
229	20.6	15.6	23.4

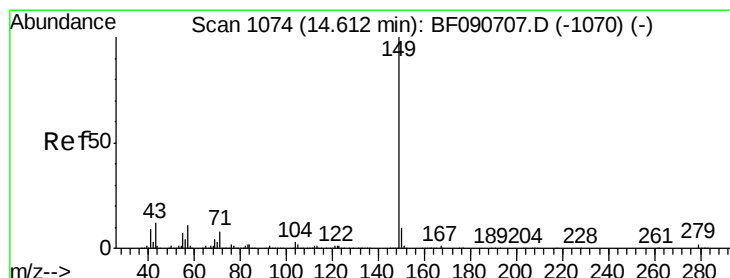
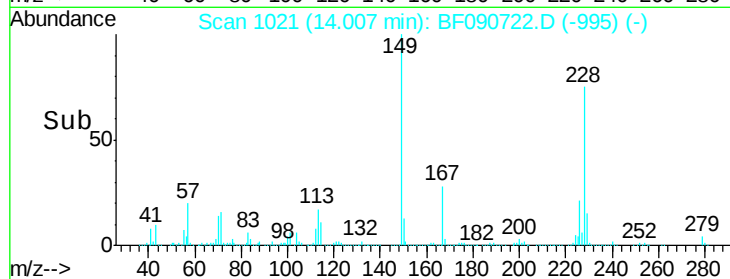
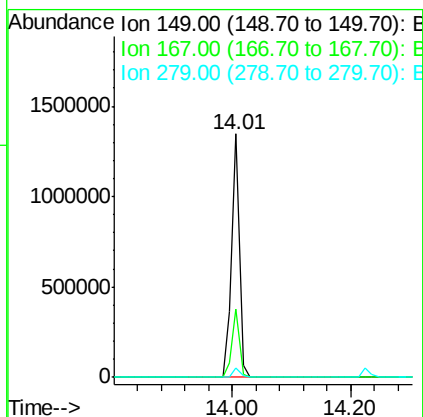
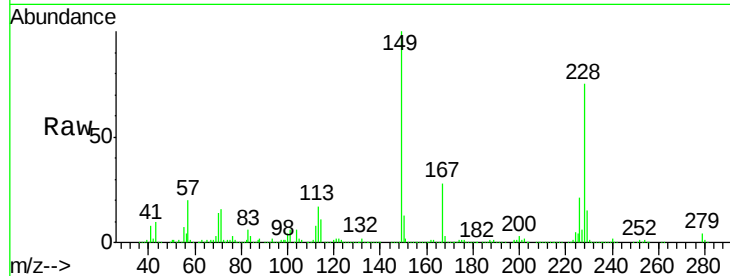




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.42 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

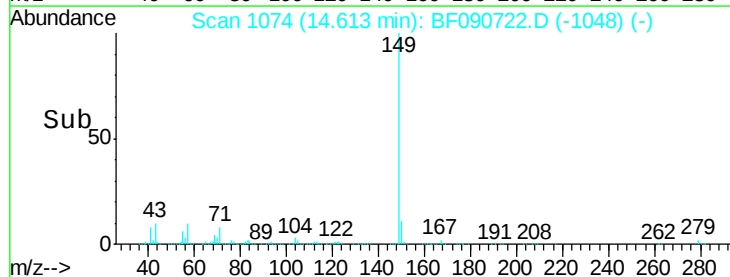
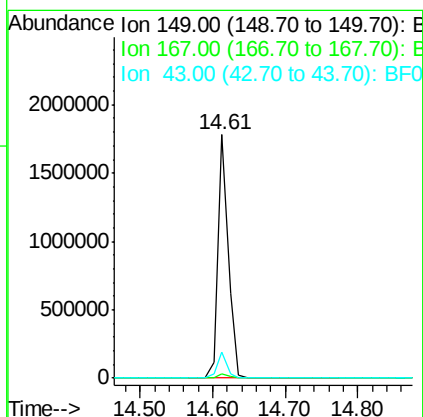
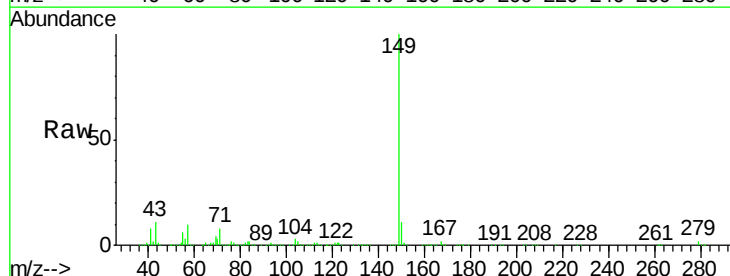
Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

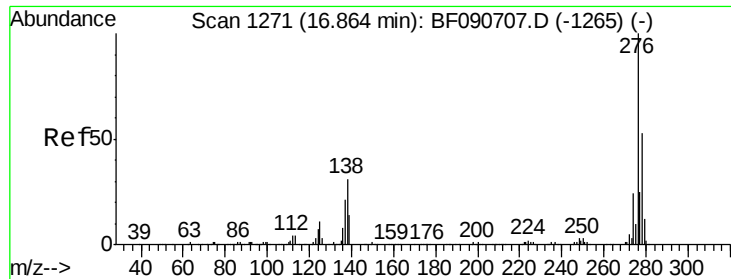
Tgt Ion:149 Resp: 1235391
 Ion Ratio Lower Upper
 149 100
 167 28.2 24.2 36.2
 279 3.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 37.04 ng
 RT: 14.61 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion:149 Resp: 1761876
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 9.8 10.2 15.2#

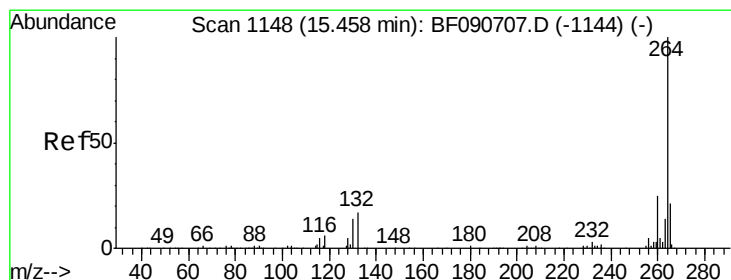
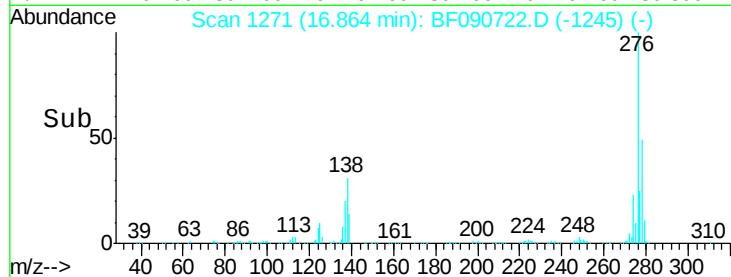
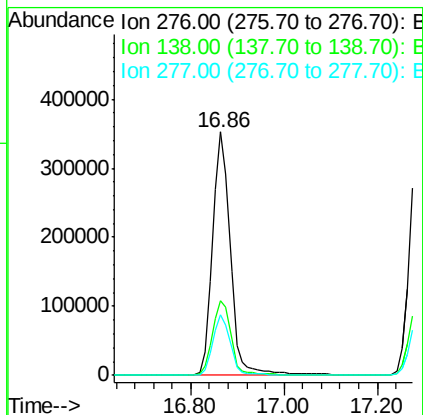
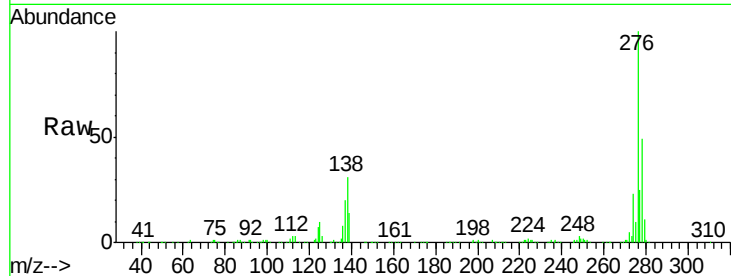




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.67 ng
 RT: 16.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

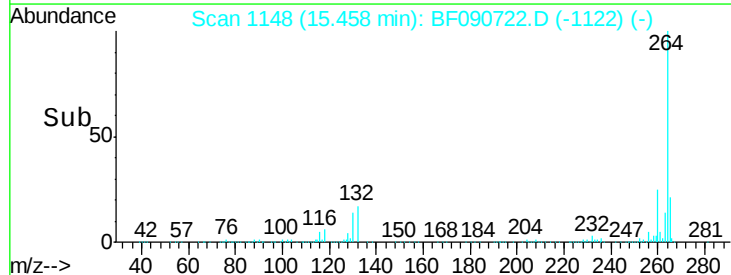
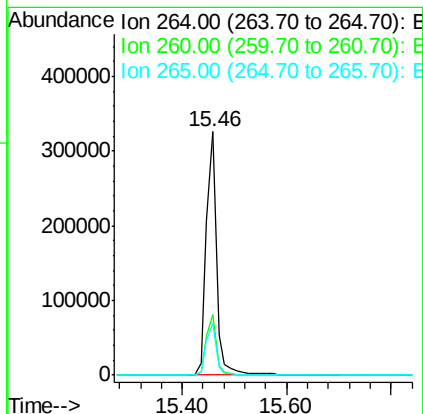
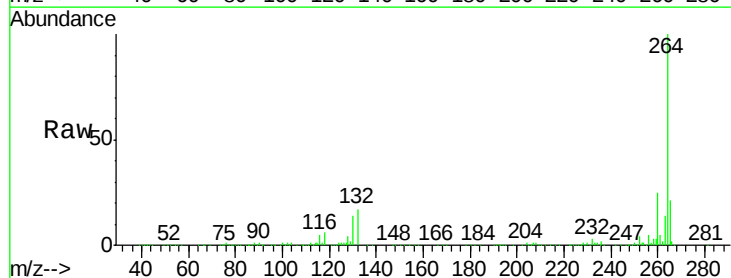
Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

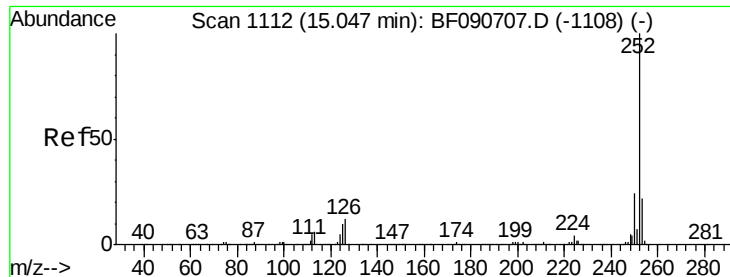
Tgt Ion:276 Resp: 943377
 Ion Ratio Lower Upper
 276 100
 138 32.8 25.7 38.5
 277 24.9 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF090722.D
 Acq: 21 Oct 2016 20:52

Tgt Ion:264 Resp: 448676
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.7 25.1
 265 21.4 17.2 25.8

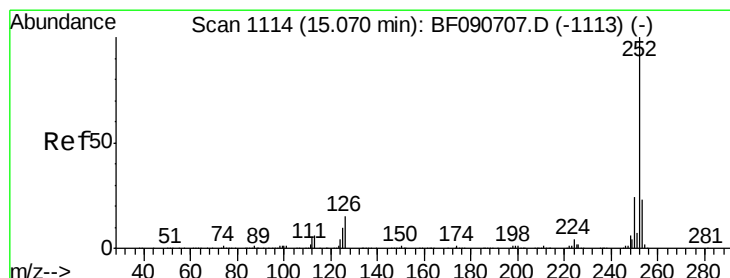
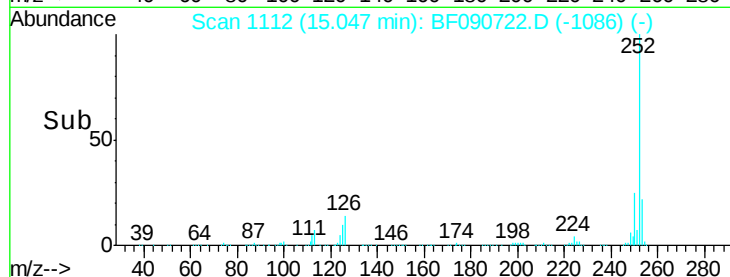
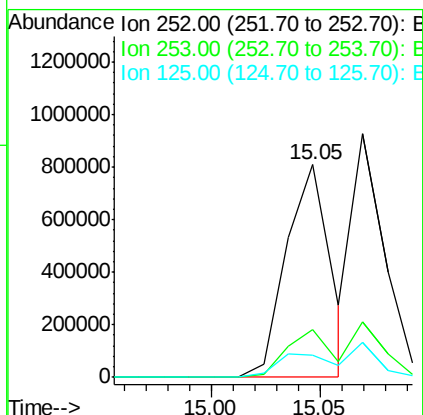
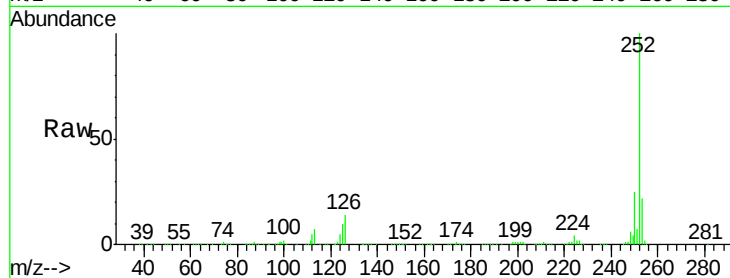




#87
Benzo(b)fluoranthene
Concen: 41.41 ng
RT: 15.05 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

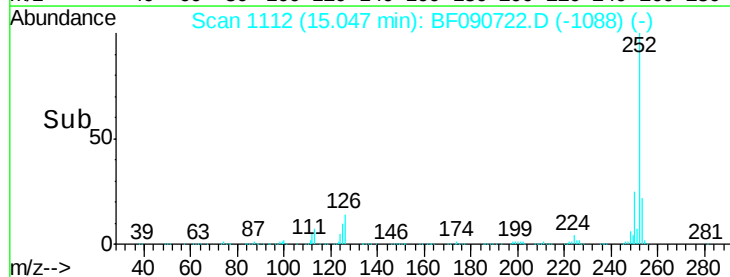
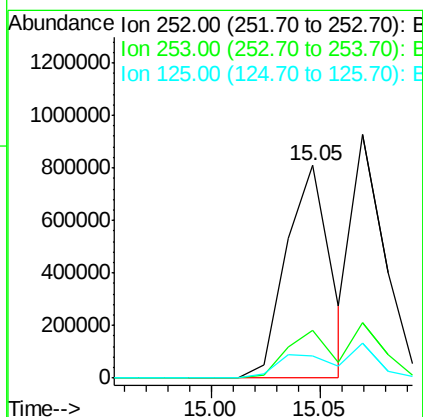
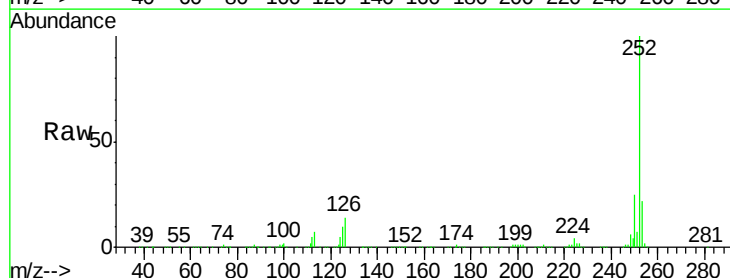
Instrument :
BNA_F
ClientSampleId :
PB94239BS

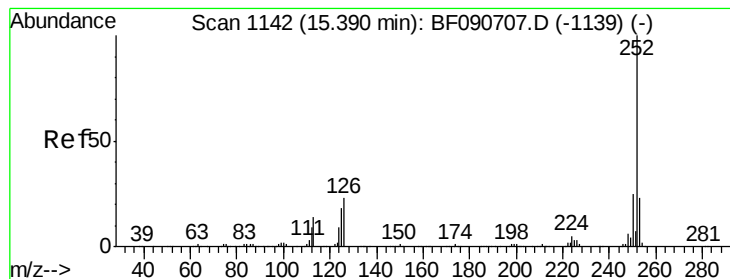
Tgt Ion:252 Resp: 1142373
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 41.20 ng
RT: 15.05 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF090722.D
Acq: 21 Oct 2016 20:52

Tgt Ion:252 Resp: 1142373
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 10.5 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 37.10 ng

RT: 15.40 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

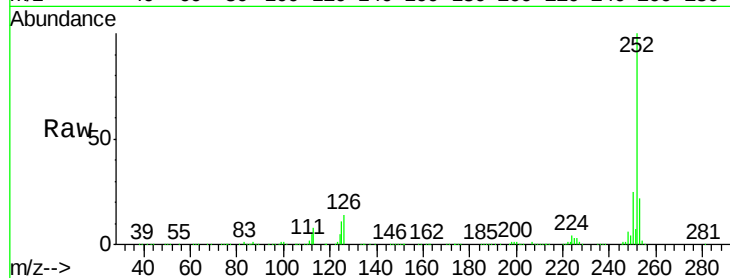
Tgt Ion:252 Resp: 960266

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

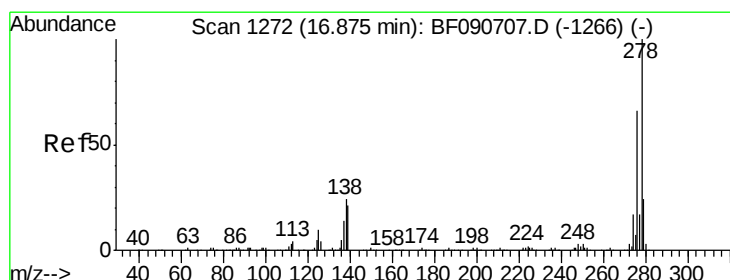
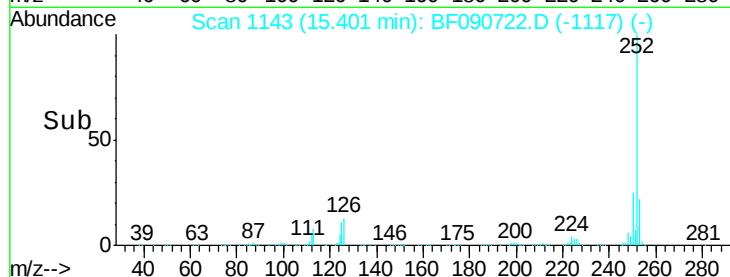
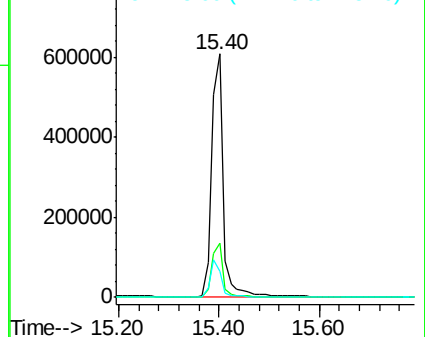
125 10.7 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.54 ng

RT: 16.88 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

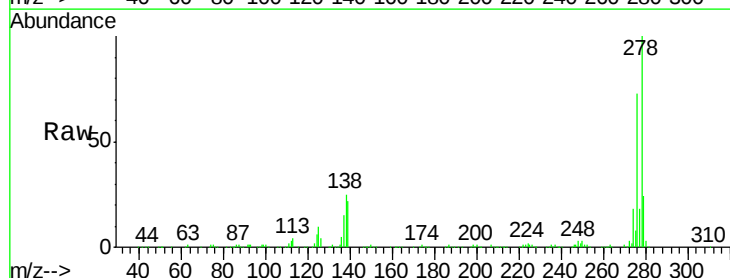
Tgt Ion:278 Resp: 808808

Ion Ratio Lower Upper

278 100

139 21.7 26.3 39.5#

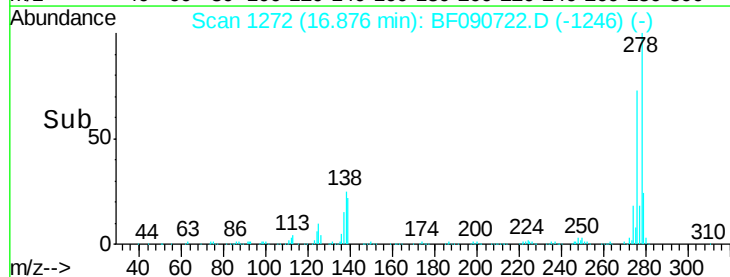
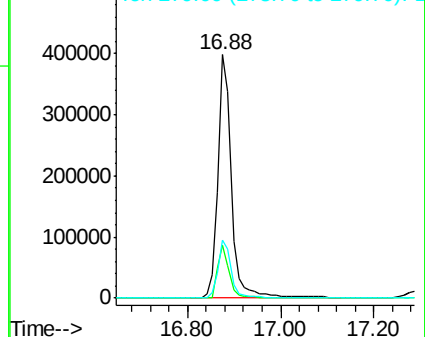
279 24.0 18.2 27.4

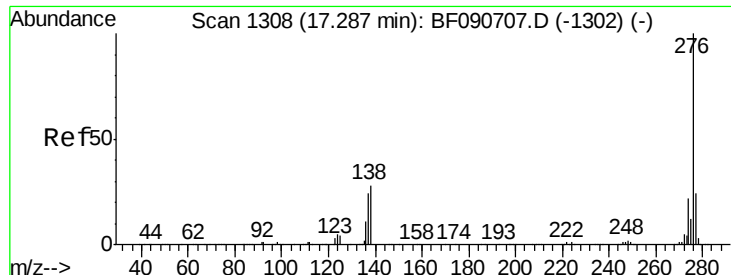


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 32.75 ng

RT: 17.29 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF090722.D

Acq: 21 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

PB94239BS

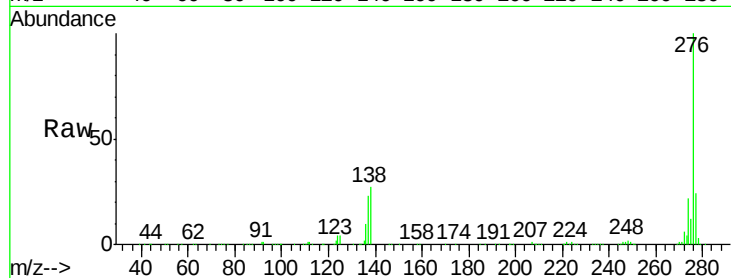
Tgt Ion: 276 Resp: 789469

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 27.1 34.6 51.8#



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

