

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102516\
 Data File : BF090815.D
 Acq On : 25 Oct 2016 18:51
 Operator : UM/SJ
 Sample : PB94297BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BS

Quant Time: Oct 25 19:17:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	196278	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	841607	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	477025	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	736318	20.00	ng	0.01
75) Chrysene-d12	13.97	240	493253	20.00	ng	0.01
86) Perylene-d12	15.38	264	397929	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1711065	140.59	ng	0.02
7) Phenol-d6	6.45	99	2175145	131.95	ng	0.01
23) Nitrobenzene-d5	7.37	82	1482016	96.58	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	675761	178.98	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2607436	84.85	ng	0.00
78) Terphenyl-d14	12.92	244	2606468	121.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	250320	35.55	ng	# 76
3) Pyridine	3.14	79	584504	35.42	ng	# 70
4) n-Nitrosodimethylamine	3.09	42	211338	37.43	ng	# 58
6) Aniline	6.48	93	457770	24.49	ng	# 84
8) 2-Chlorophenol	6.59	128	696646	47.68	ng	95
9) Benzaldehyde	6.34	77	112196	12.45	ng	# 67
10) Phenol	6.46	94	880141	47.50	ng	# 64
11) bis(2-Chloroethyl)ether	6.54	93	708241	45.49	ng	90
12) 1,3-Dichlorobenzene	6.74	146	681197	46.42	ng	# 92
13) 1,4-Dichlorobenzene	6.82	146	738283	47.43	ng	# 93
14) 1,2-Dichlorobenzene	6.82	146	743855	48.81	ng	96
15) Benzyl Alcohol	6.96	79	495160	44.22	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	7.08	45	712846	30.57	ng	52
17) 2-Methylphenol	7.07	107	539853	49.04	ng	# 83
18) Hexachloroethane	7.31	117	267258	42.29	ng	89
19) n-Nitroso-di-n-propylamine	7.23	70	457637	37.28	ng	# 70
20) 3+4-Methylphenols	7.23	107	641465	49.16	ng	# 85
22) Acetophenone	7.22	105	868913	46.33	ng	# 86
24) Nitrobenzene	7.39	77	705795	42.43	ng	# 71
25) Isophorone	7.63	82	1254685	43.19	ng	# 91
26) 2-Nitrophenol	7.71	139	393339	57.88	ng	# 83
27) 2,4-Dimethylphenol	7.76	122	622419	51.65	ng	# 84
28) bis(2-Chloroethoxy)methane	7.85	93	816761	51.40	ng	# 95
29) 2,4-Dichlorophenol	7.95	162	544813	55.09	ng	93
30) 1,2,4-Trichlorobenzene	8.03	180	601998	51.73	ng	97
31) Naphthalene	8.11	128	1856686	45.10	ng	96
32) Benzoic acid	7.90	122	344863	41.76	ng	# 68
33) 4-Chloroaniline	8.17	127	171134	11.21	ng	# 95
34) Hexachlorobutadiene	8.24	225	340264	52.00	ng	100
35) Caprolactam	8.54	113	120878	42.80	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	575407	50.03	ng	87
37) 2-Methylnaphthalene	8.81	142	1279376	53.17	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	578991	44.95	ng	99
40) Hexachlorocyclopentadiene	8.96	237	621104	102.71	ng	96

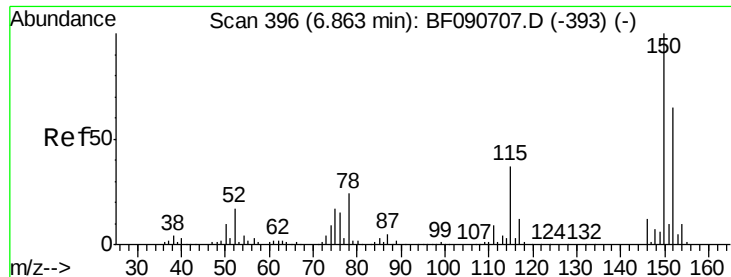
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102516\
 Data File : BF090815.D
 Acq On : 25 Oct 2016 18:51
 Operator : UM/SJ
 Sample : PB94297BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BS

Quant Time: Oct 25 19:17:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	395035	49.45	ng	96
43) 2,4,5-Trichlorophenol	9.14	196	458465	56.56	ng	95
45) 1,1'-Biphenyl	9.28	154	1584523	42.30	ng	94
46) 2-Chloronaphthalene	9.30	162	1313950	47.19	ng	97
47) 2-Nitroaniline	9.39	65	395996	42.85	ng	# 70
48) Acenaphthylene	9.71	152	1941562	45.70	ng	94
49) Dimethylphthalate	9.58	163	1502657	50.13	ng	# 98
50) 2,6-Dinitrotoluene	9.64	165	364260	56.51	ng	92
51) Acenaphthene	9.88	154	1198591	42.50	ng	88
52) 3-Nitroaniline	9.80	138	156125	21.07	ng	# 52
53) 2,4-Dinitrophenol	9.92	184	329824	85.99	ng	# 81
54) Dibenzofuran	10.05	168	1674665	49.02	ng	# 84
55) 4-Nitrophenol	9.98	139	496893	106.99	ng	# 63
56) 2,4-Dinitrotoluene	10.04	165	415844	52.78	ng	# 75
57) Fluorene	10.40	166	1372398	48.47	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.18	232	365938	57.52	ng	98
59) Diethylphthalate	10.28	149	1580005	50.82	ng	97
60) 4-Chlorophenyl-phenylether	10.38	204	607206	46.93	ng	# 83
61) 4-Nitroaniline	10.43	138	337495	44.97	ng	# 59
62) Azobenzene	10.54	77	1566642	43.03	ng	85
64) 4,6-Dinitro-2-methylphenol	10.45	198	226007	48.08	ng	# 80
65) n-Nitrosodiphenylamine	10.51	169	1158035	49.09	ng	89
66) 4-Bromophenyl-phenylether	10.88	248	396423	55.54	ng	96
67) Hexachlorobenzene	10.94	284	503125	59.73	ng	# 83
68) Atrazine	11.05	200	418925	64.34	ng	86
69) Pentachlorophenol	11.14	266	473438	86.38	ng	99
70) Phenanthrene	11.40	178	2006761	53.47	ng	96
71) Anthracene	11.40	178	2018200	48.49	ng	96
72) Carbazole	11.56	167	1694472	48.69	ng	# 93
73) Di-n-butylphthalate	11.89	149	2236922	49.56	ng	# 97
74) Fluoranthene	12.54	202	1933275	53.25	ng	89
76) Benzidine	12.67	184	335491	30.63	ng	99
77) Pyrene	12.77	202	1876579	54.47	ng	95
79) Butylbenzylphthalate	13.39	149	877216	55.40	ng	# 78
80) Benzo(a)anthracene	13.96	228	1353468	50.14	ng	96
81) 3,3'-Dichlorobenzidine	13.93	252	267465	28.59	ng	# 91
82) Chrysene	13.96	228	1353468	51.37	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	1267013	55.92	ng	98
84) Di-n-octyl phthalate	14.57	149	1844875	53.65	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.76	276	1220257	53.09	ng	# 92
87) Benzo(b)fluoranthene	15.01	252	2517407	102.88	ng	# 87
88) Benzo(k)fluoranthene	15.01	252	2521632	102.55	ng	# 87
89) Benzo(a)pyrene	15.33	252	1162356	50.63	ng	# 84
90) Dibenzo(a,h)anthracene	16.77	278	1040229	47.19	ng	# 84
91) Benzo(g,h,i)perylene	17.17	276	992967	46.44	ng	# 79

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

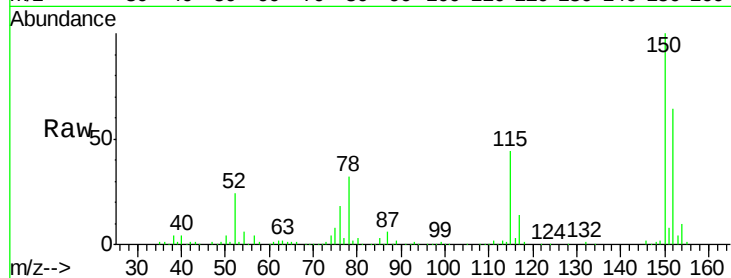
Tgt Ion:152 Resp: 196278

Ion Ratio Lower Upper

152 100

150 157.0 124.7 187.1

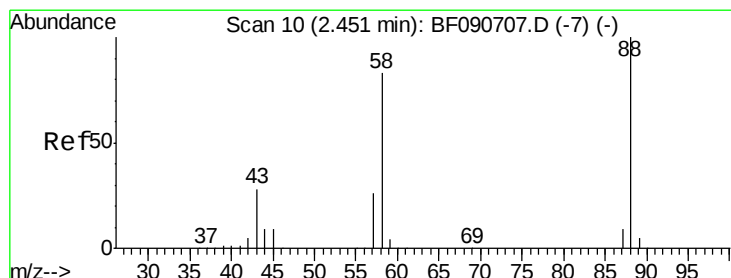
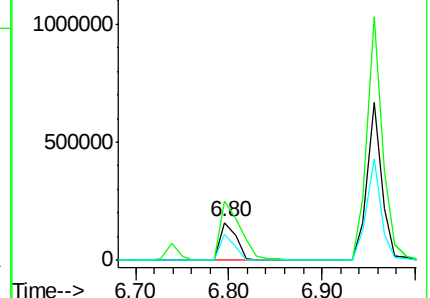
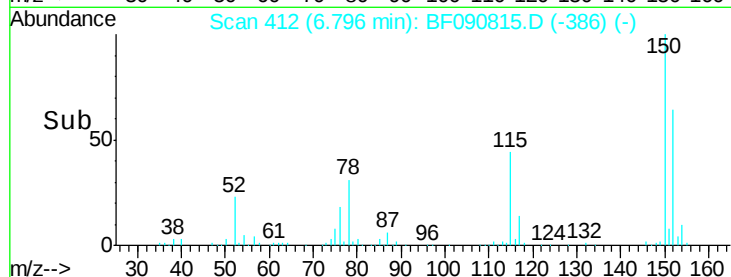
115 69.3 39.0 58.4#



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: 35.55 ng

RT: 2.44 min Scan# 31

Delta R.T. 0.09 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

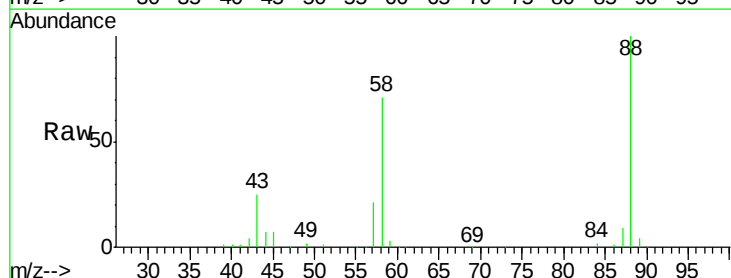
Tgt Ion: 88 Resp: 250320

Ion Ratio Lower Upper

88 100

58 72.0 77.7 116.5#

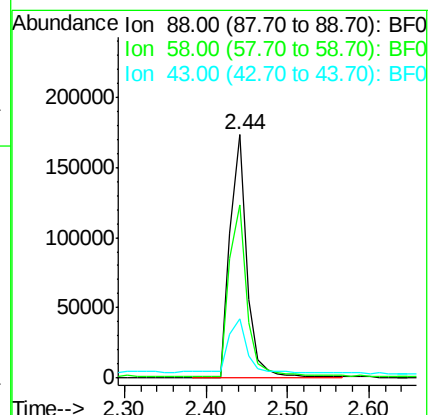
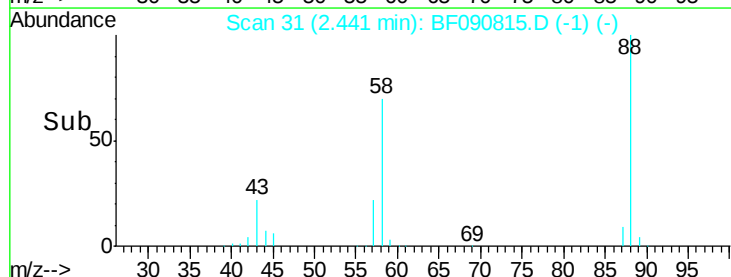
43 23.3 26.6 40.0#

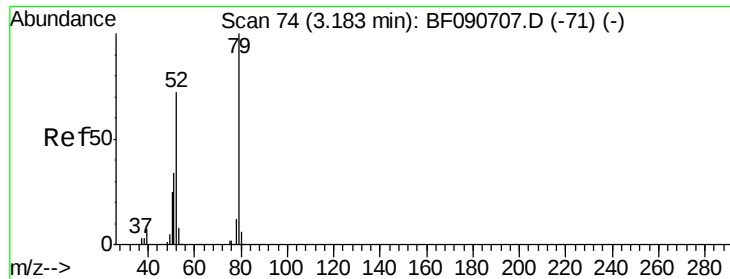


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.42 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

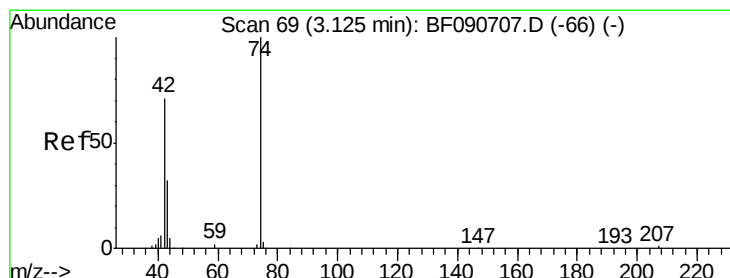
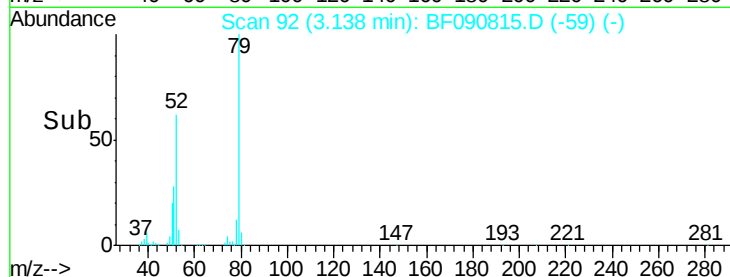
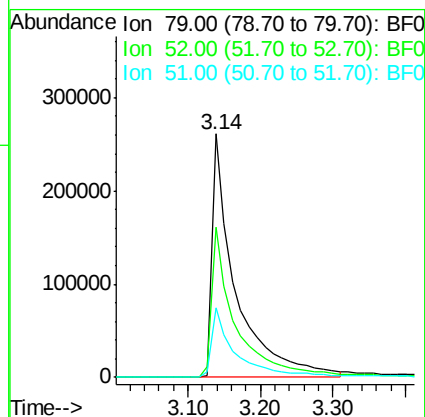
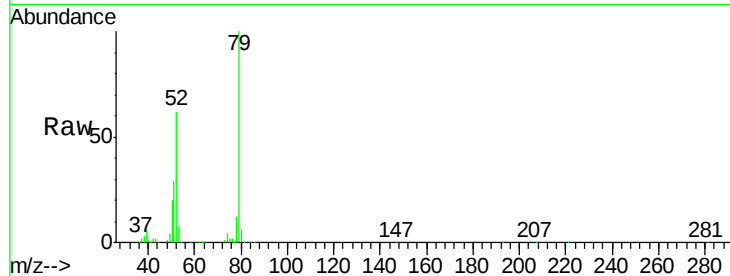
Tgt Ion: 79 Resp: 584504

Ion Ratio Lower Upper

79 100

52 61.9 76.8 115.2#

51 28.6 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 37.43 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.08 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

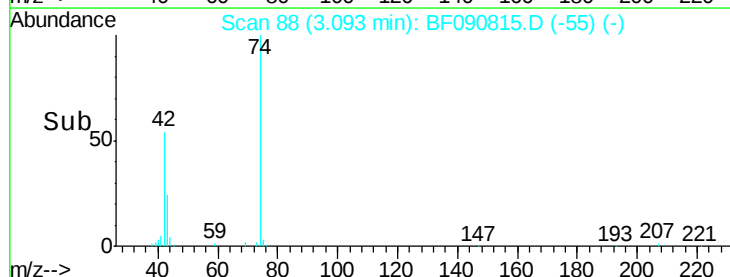
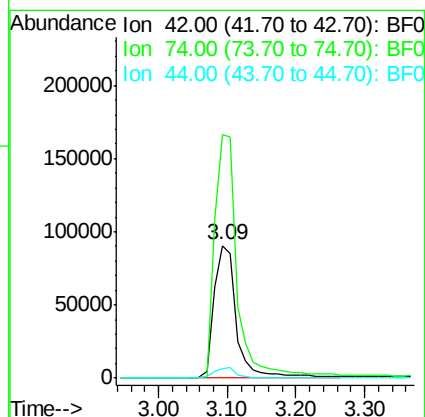
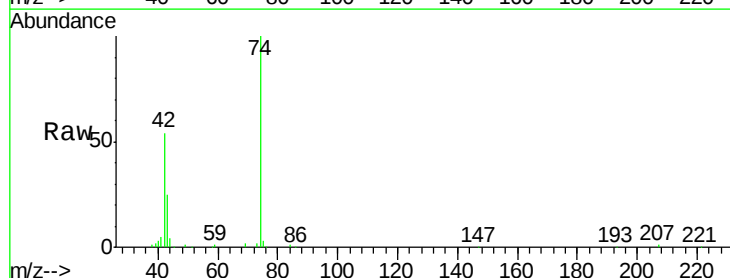
Tgt Ion: 42 Resp: 211338

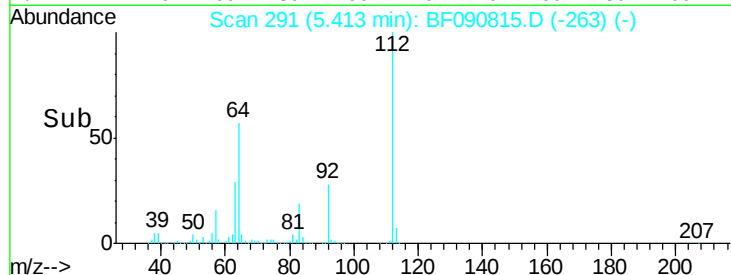
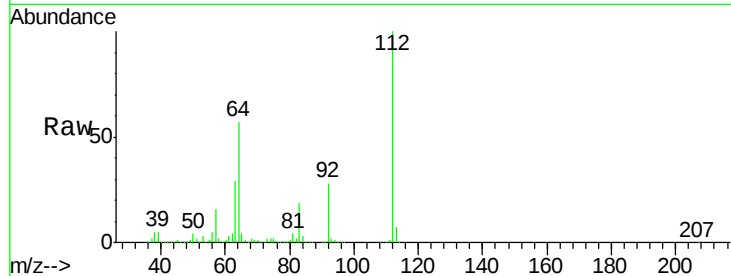
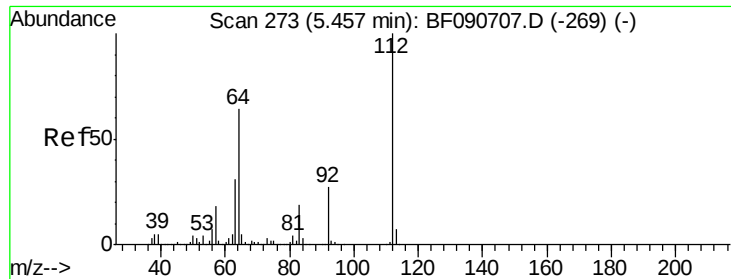
Ion Ratio Lower Upper

42 100

74 183.6 105.0 157.6#

44 7.5 6.6 10.0





#5

2-Fluorophenol

Concen: 140.59 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

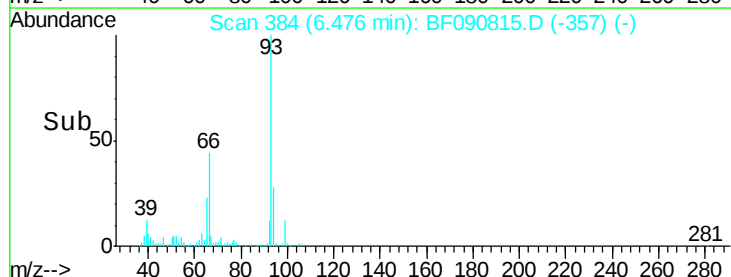
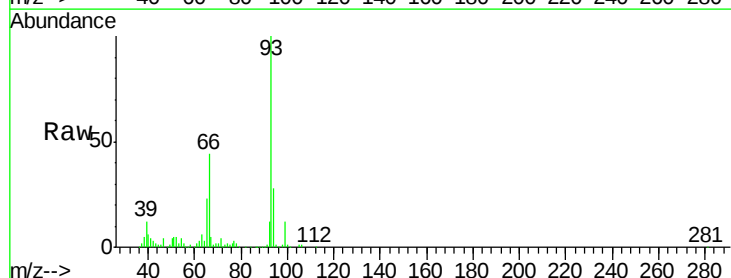
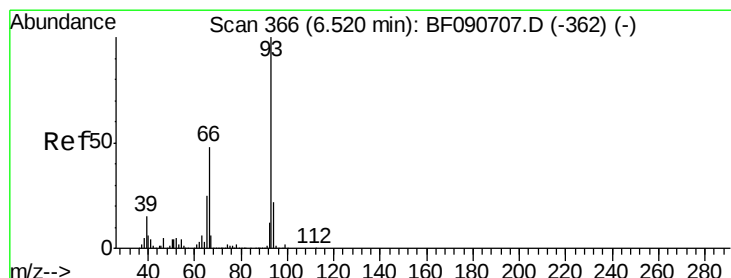
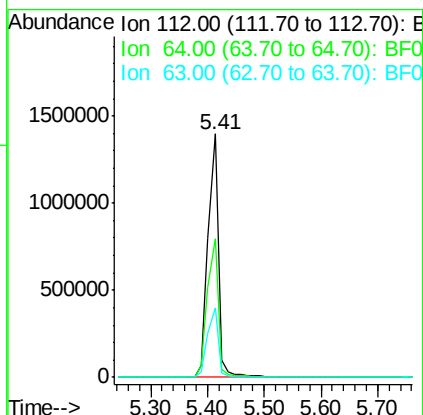
Tgt Ion:112 Resp: 1711065

Ion Ratio Lower Upper

112 100

64 57.0 39.7 59.5

63 28.5 17.4 26.0#



#6

Aniline

Concen: 24.49 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

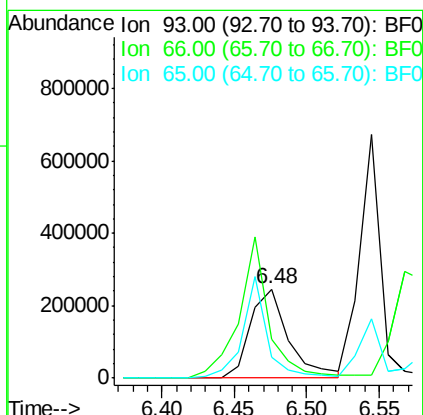
Tgt Ion: 93 Resp: 457770

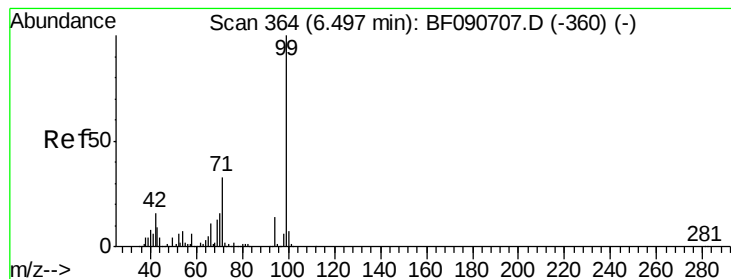
Ion Ratio Lower Upper

93 100

66 44.3 27.2 40.8#

65 23.3 14.7 22.1#





#7

Phenol-d6

Concen: 131.95 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

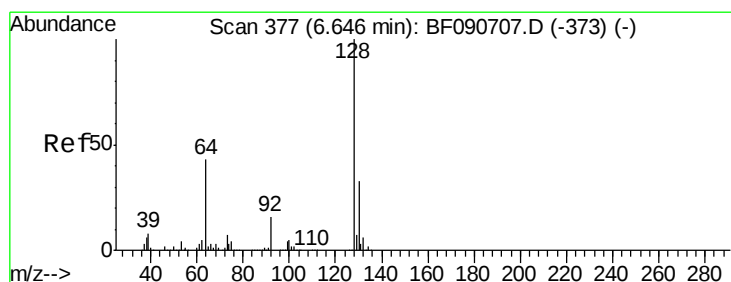
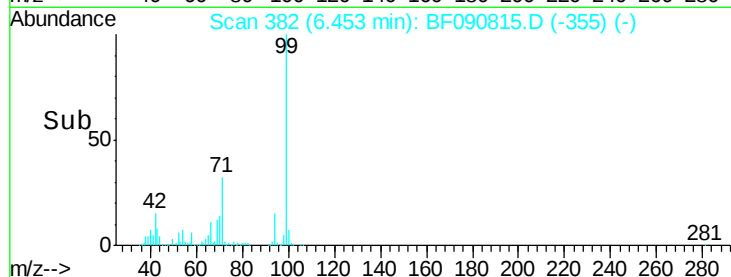
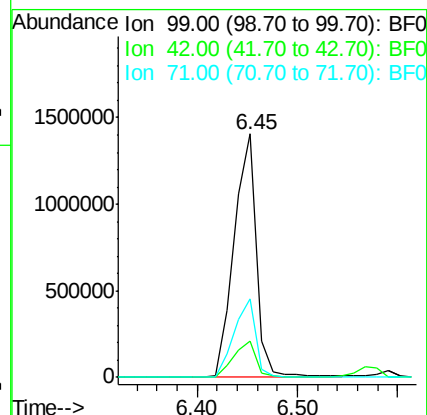
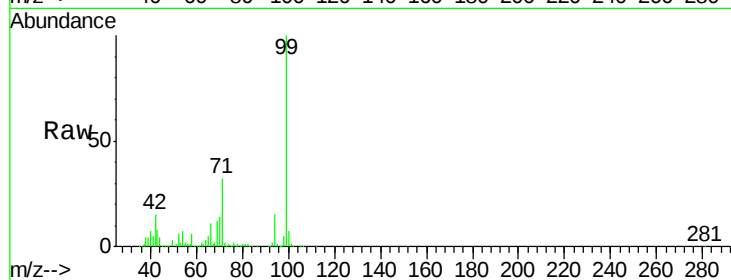
Tgt Ion: 99 Resp: 2175145

Ion Ratio Lower Upper

99 100

42 14.8 13.7 20.5

71 32.1 14.2 21.2#



#8

2-Chlorophenol

Concen: 47.68 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

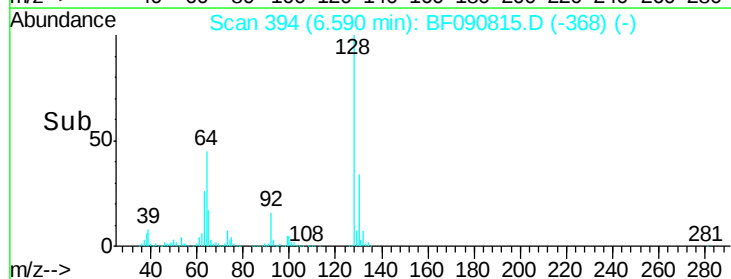
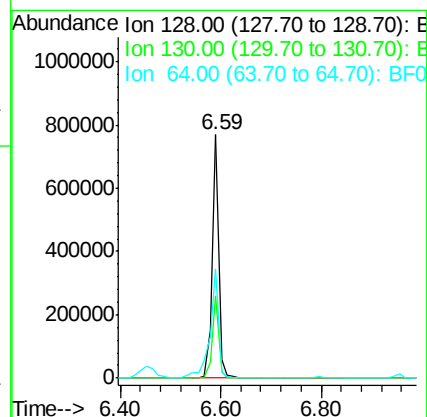
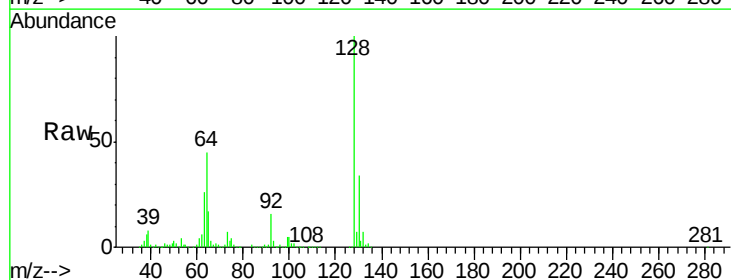
Tgt Ion: 128 Resp: 696646

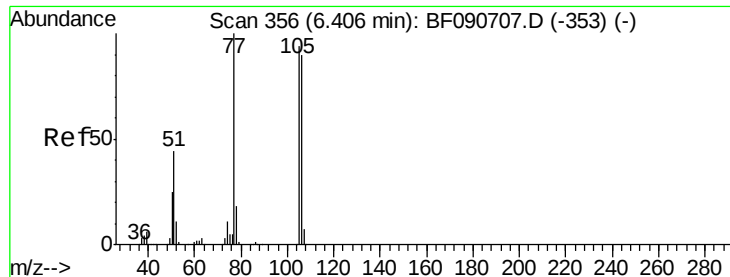
Ion Ratio Lower Upper

128 100

130 33.6 12.2 52.2

64 44.7 20.5 60.5





#9

Benzaldehyde

Concen: 12.45 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

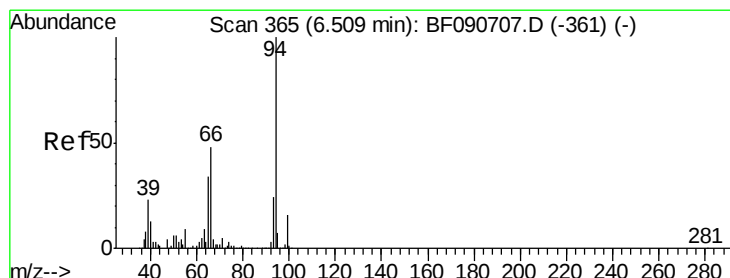
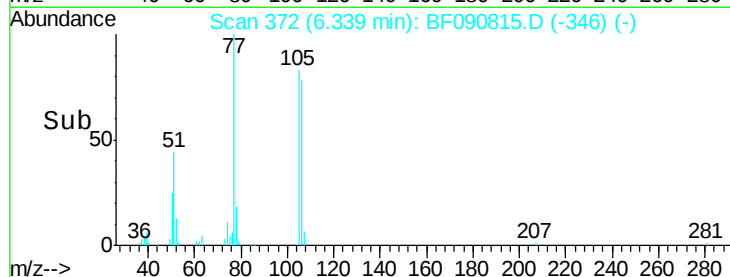
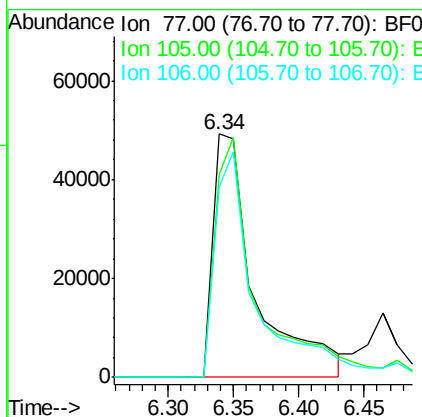
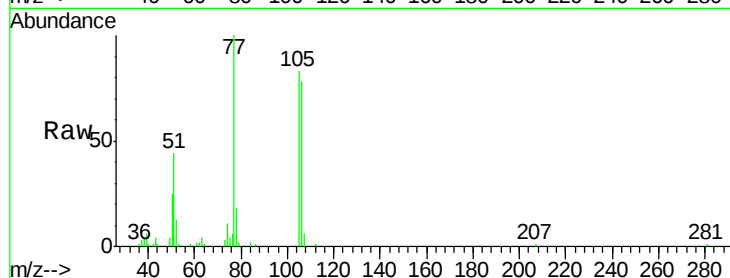
Tgt Ion: 77 Resp: 112196

Ion Ratio Lower Upper

77 100

105 83.2 91.6 131.6#

106 78.2 102.6 142.6#



#10

Phenol

Concen: 47.50 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

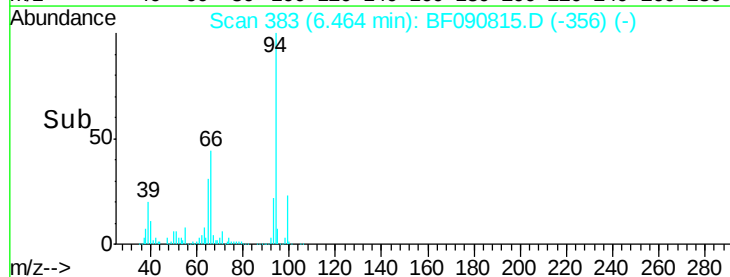
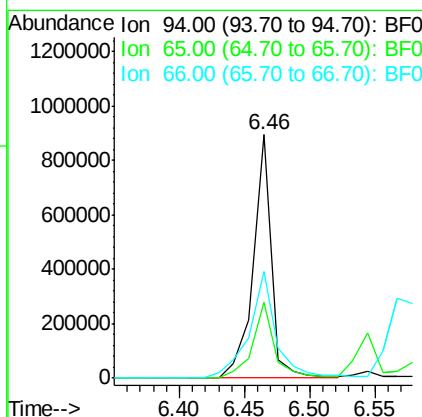
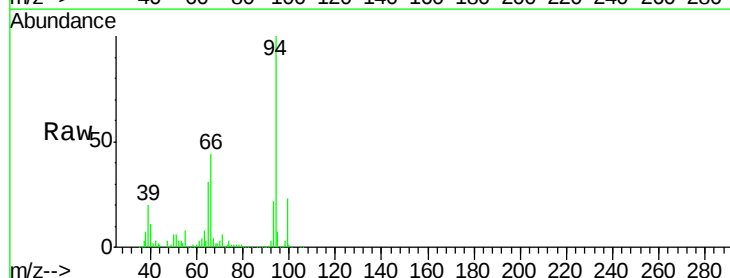
Tgt Ion: 94 Resp: 880141

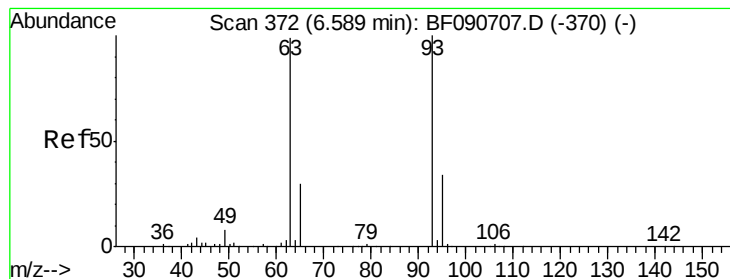
Ion Ratio Lower Upper

94 100

65 31.4 0.7 40.7

66 43.6 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 45.49 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

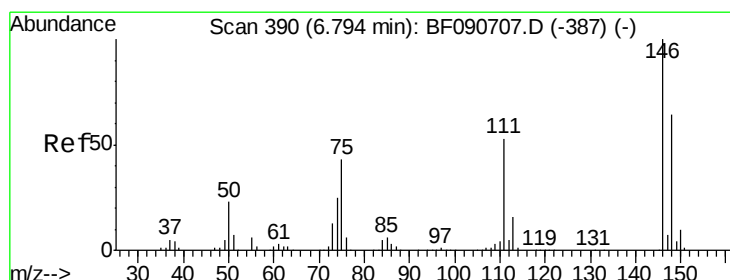
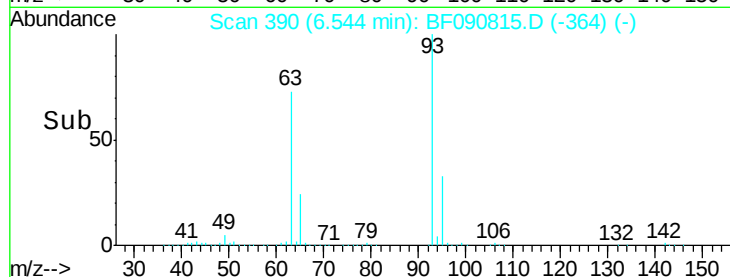
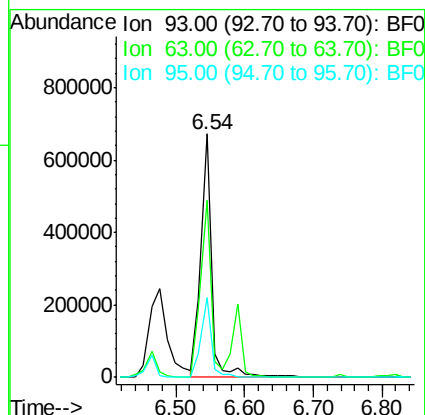
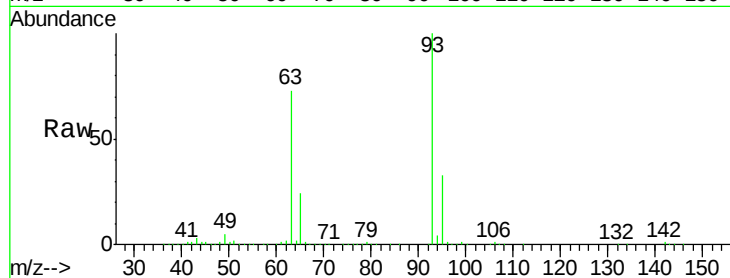
Tgt Ion: 93 Resp: 708241

Ion Ratio Lower Upper

93 100

63 72.9 65.6 105.6

95 33.0 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 46.42 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

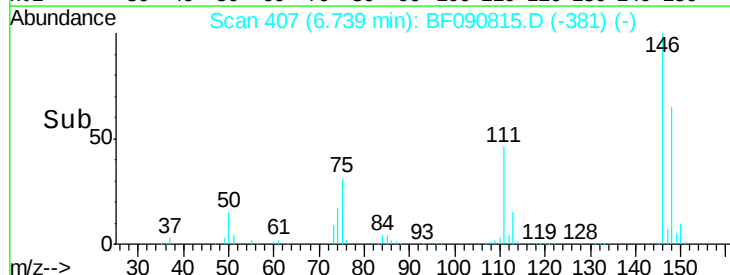
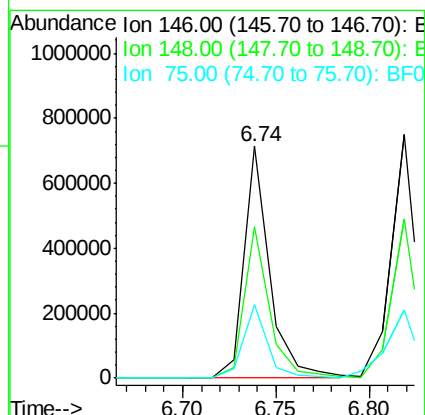
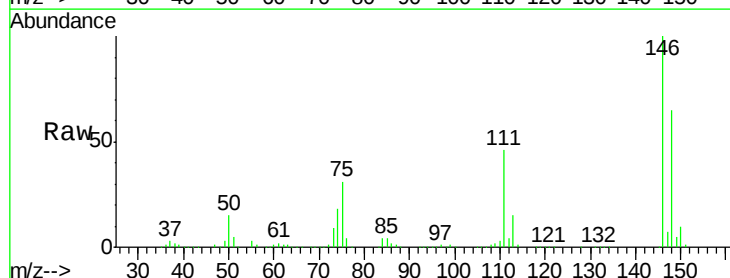
Tgt Ion: 146 Resp: 681197

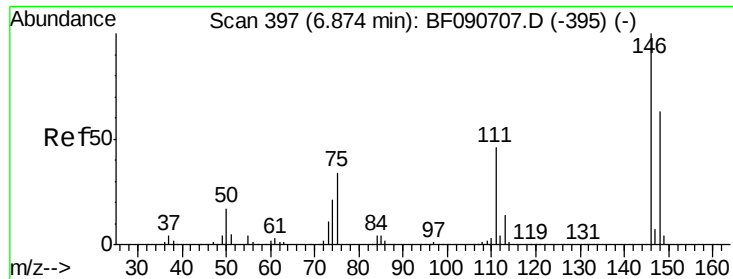
Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.4

75 31.4 15.0 22.6#

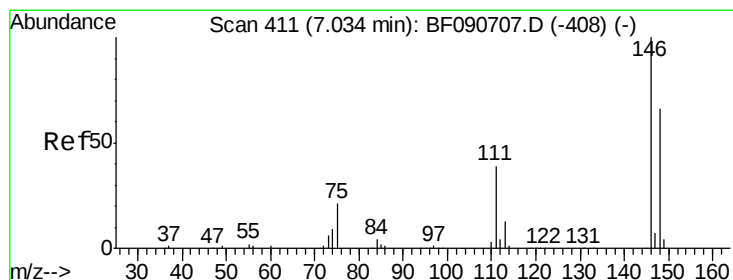
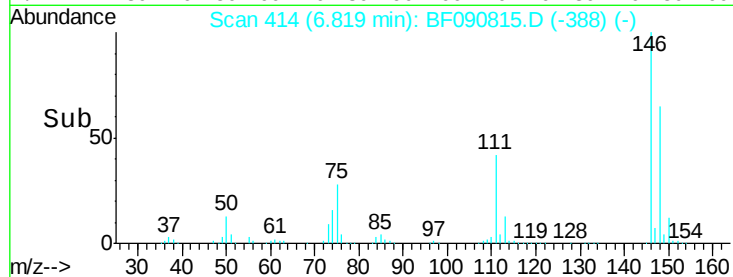
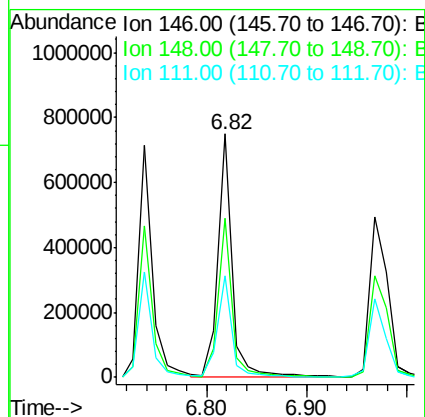
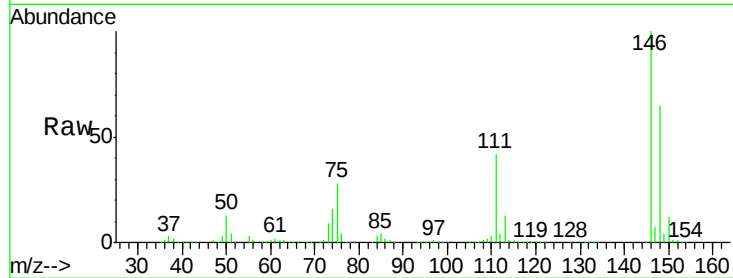




#13
 1,4-Dichlorobenzene
 Concen: 47.43 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

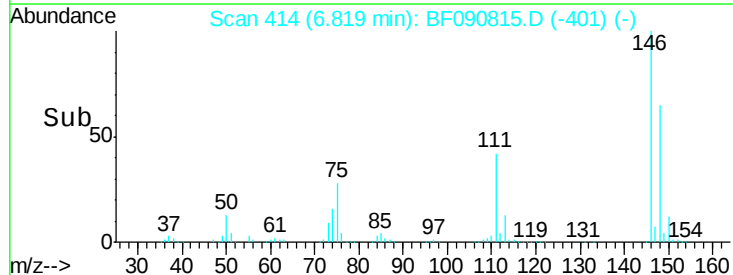
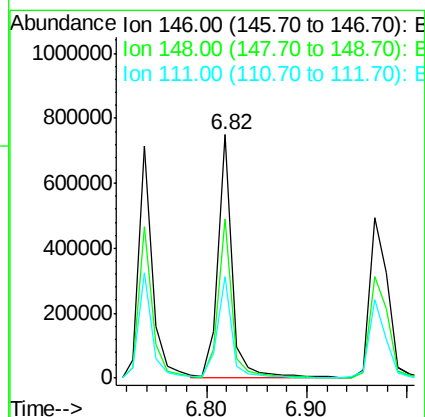
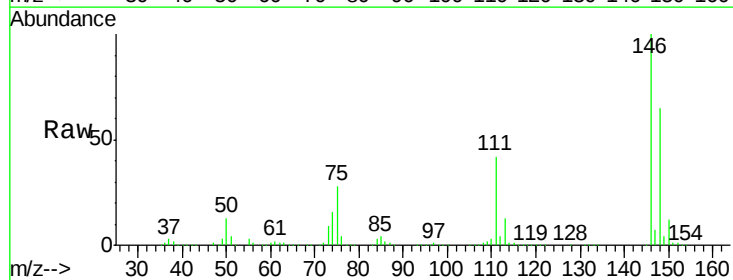
Instrument :
 BNA_F
 ClientSampleId :
 PB94297BS

Tgt Ion:146 Resp: 738283
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.6
 111 41.7 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 48.81 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.15 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Tgt Ion:146 Resp: 743855
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.7 79.1
 111 41.7 28.8 43.2





#15

Benzyl Alcohol

Concen: 44.22 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

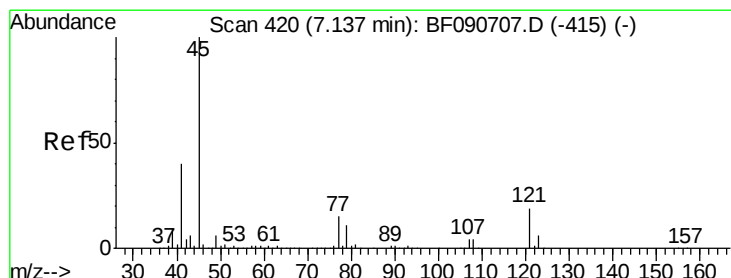
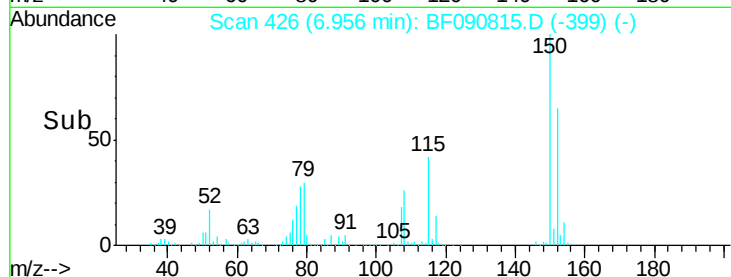
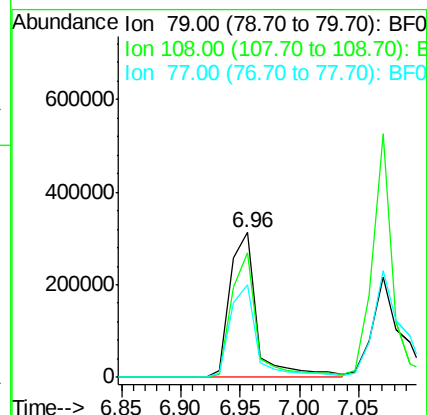
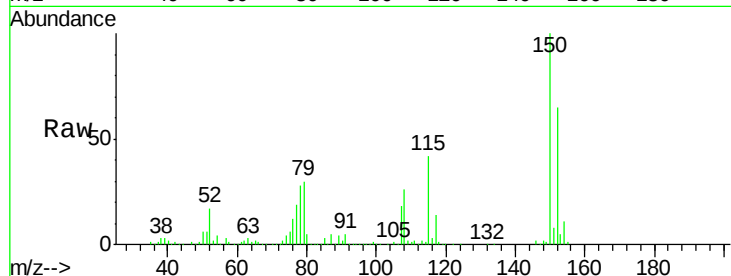
Tgt Ion: 79 Resp: 495160

Ion Ratio Lower Upper

79 100

108 86.1 88.6 132.8#

77 64.1 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.57 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

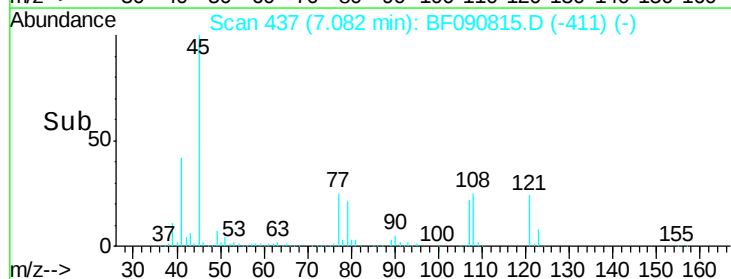
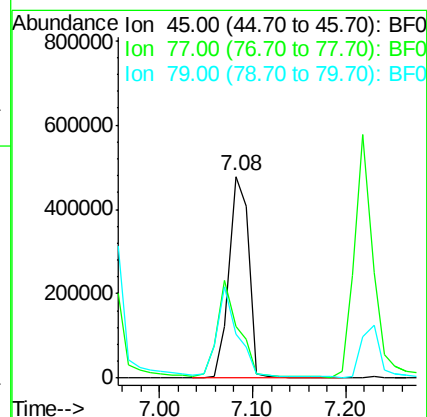
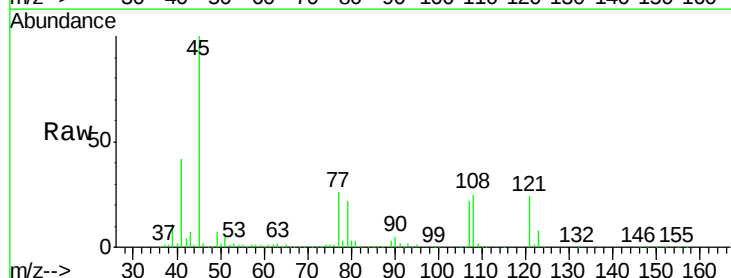
Tgt Ion: 45 Resp: 712846

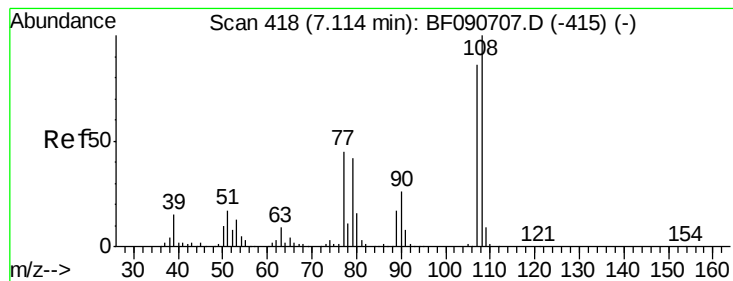
Ion Ratio Lower Upper

45 100

77 25.6 0.0 28.1

79 21.5 0.0 26.0





#17

2-Methylphenol

Concen: 49.04 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

Tgt Ion:107 Resp: 539853

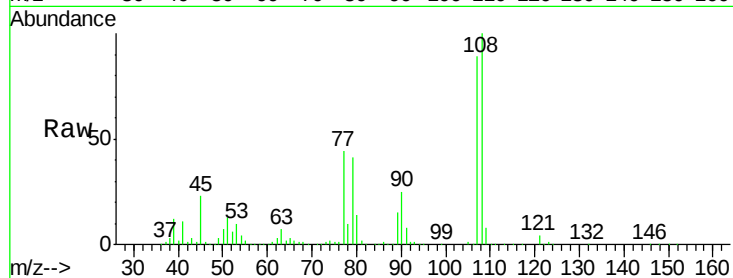
Ion Ratio Lower Upper

107 100

108 112.6 96.6 145.0

77 49.3 23.3 34.9#

79 46.3 22.0 33.0#

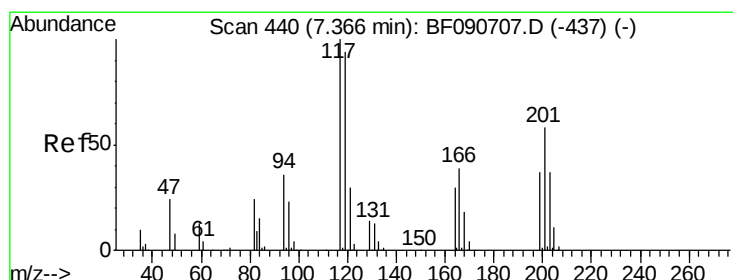
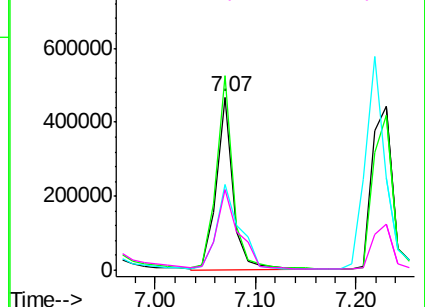
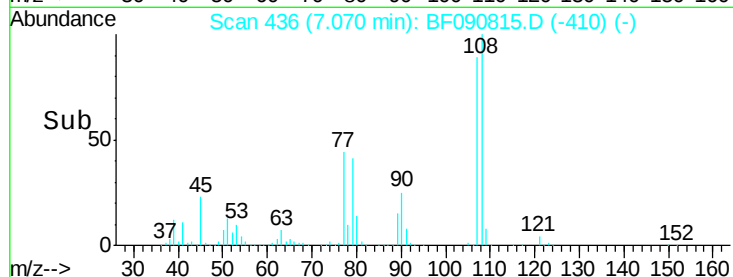


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.29 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

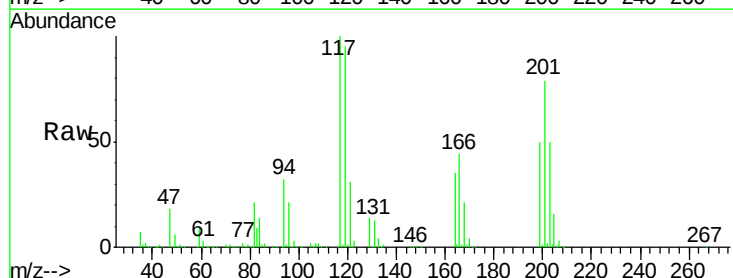
Tgt Ion:117 Resp: 267258

Ion Ratio Lower Upper

117 100

119 95.5 83.8 125.6

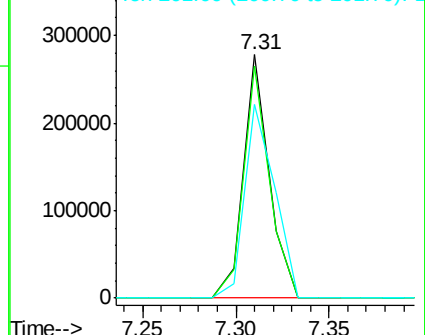
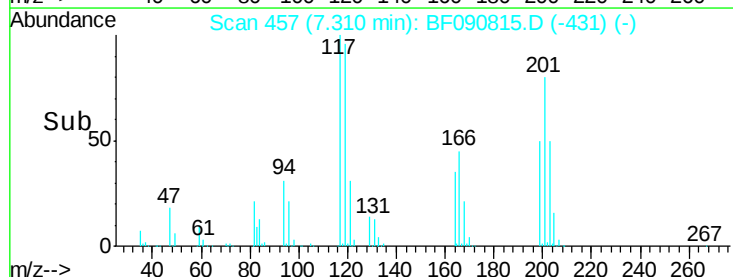
201 79.5 55.1 82.7

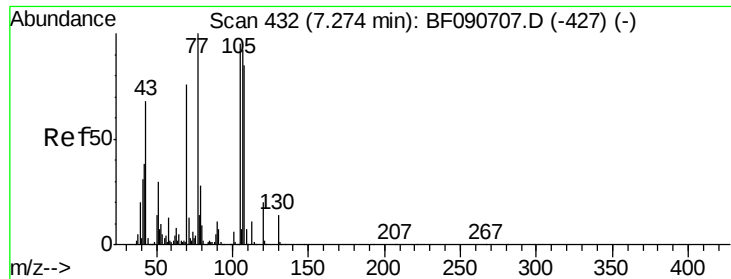


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

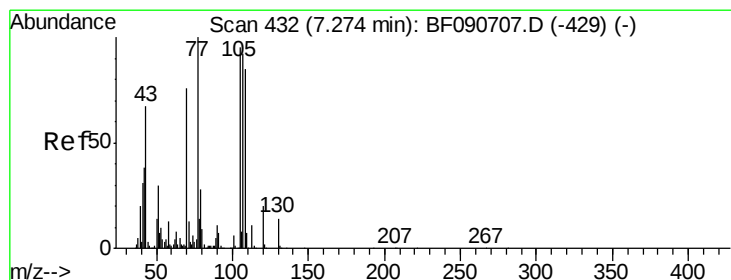
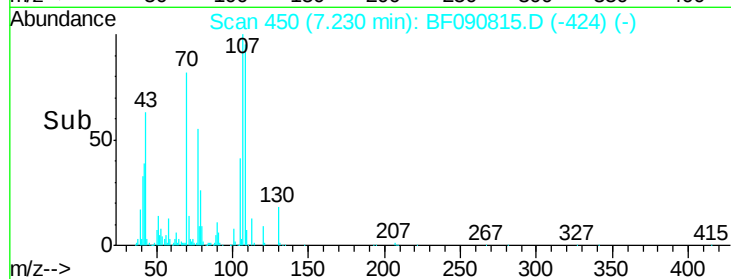
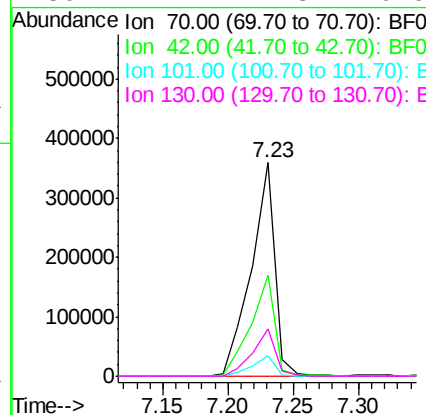
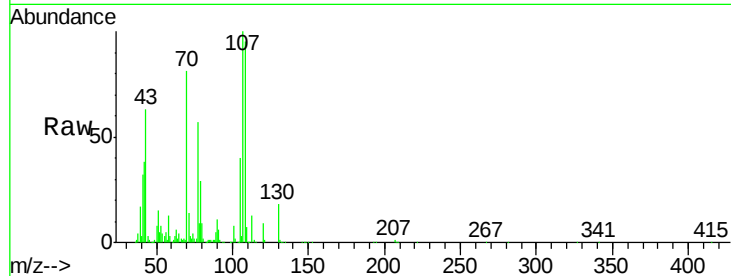




#19
n-Nitroso-di-n-propylamine
Concen: 37.28 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

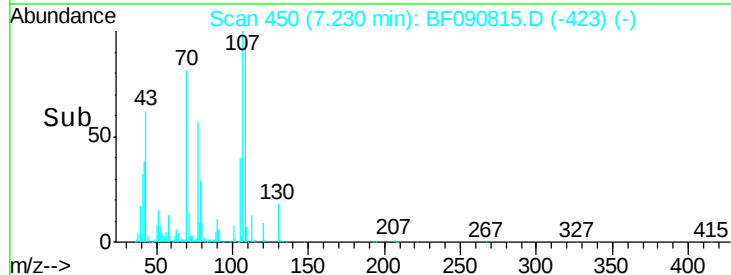
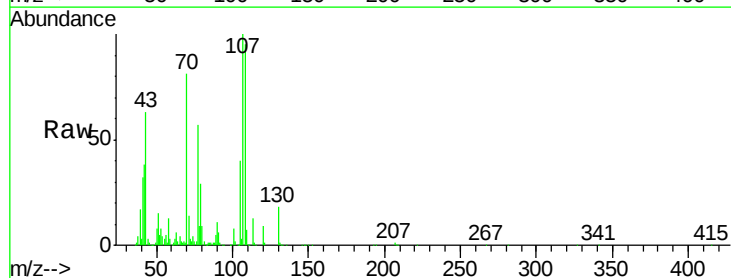
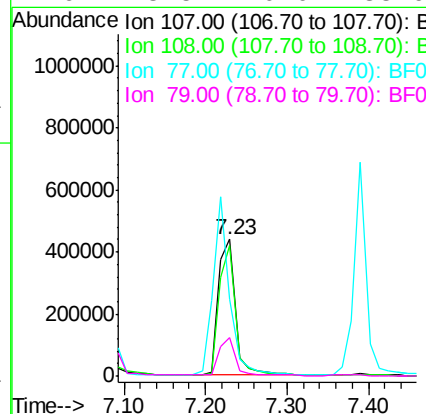
Instrument :
BNA_F
ClientSampleId :
PB94297BS

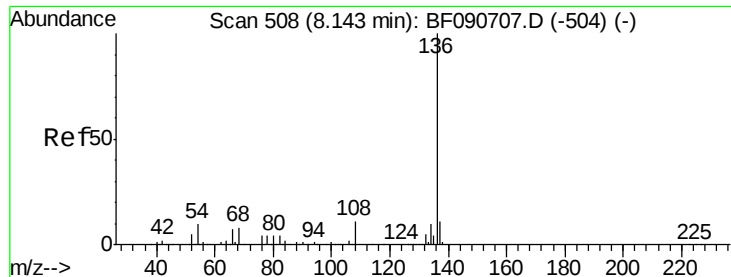
Tgt Ion: 70 Resp: 457637
Ion Ratio Lower Upper
70 100
42 47.3 63.8 95.6#
101 9.3 9.2 13.8
130 22.2 27.3 40.9#



#20
3+4-Methylphenols
Concen: 49.16 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

Tgt Ion: 107 Resp: 641465
Ion Ratio Lower Upper
107 100
108 95.0 74.6 114.6
77 56.5 0.7 40.7#
79 28.5 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

Tgt Ion:136 Resp: 841607

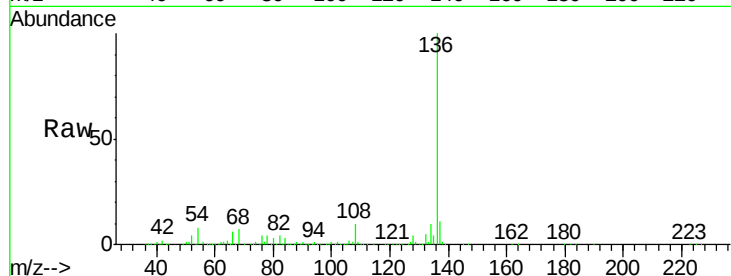
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.0 8.2 12.2#

68 7.2 5.8 8.6

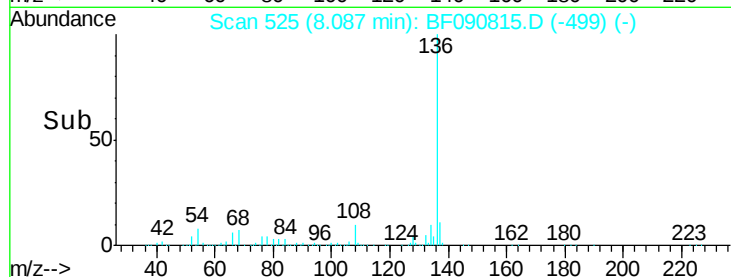


Abundance Ion 136.00 (135.70 to 136.70): E

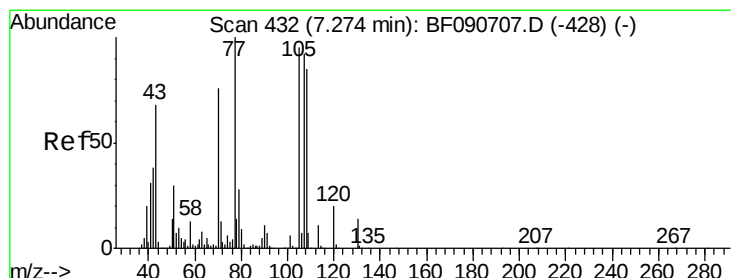
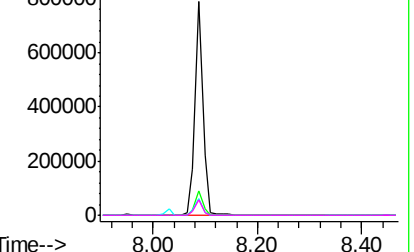
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 46.33 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Tgt Ion:105 Resp: 868913

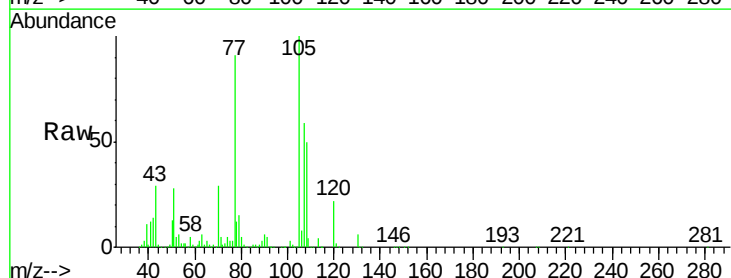
Ion Ratio Lower Upper

105 100

71 4.8 4.7 7.1

51 27.7 22.0 33.0

120 21.9 30.1 45.1#

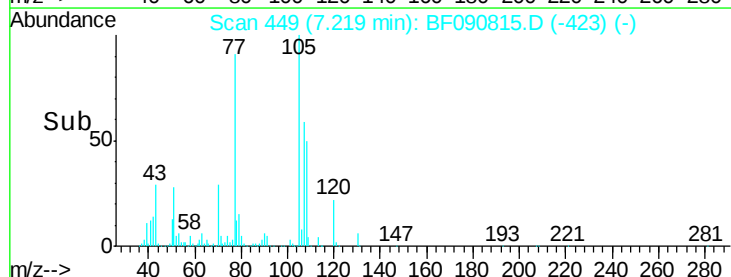


Abundance Ion 105.00 (104.70 to 105.70): E

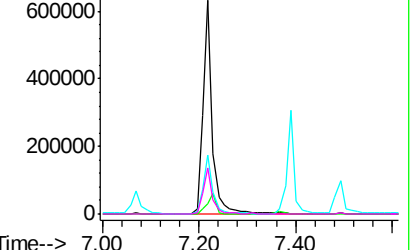
Ion 71.00 (70.70 to 71.70): BF0

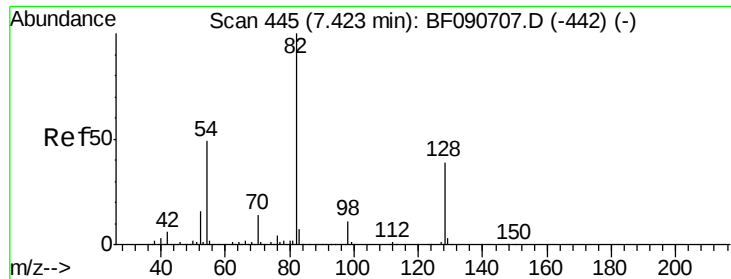
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

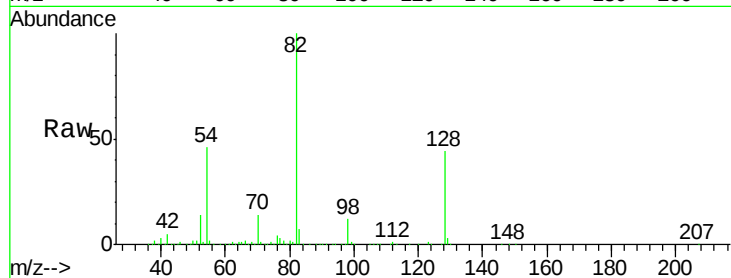




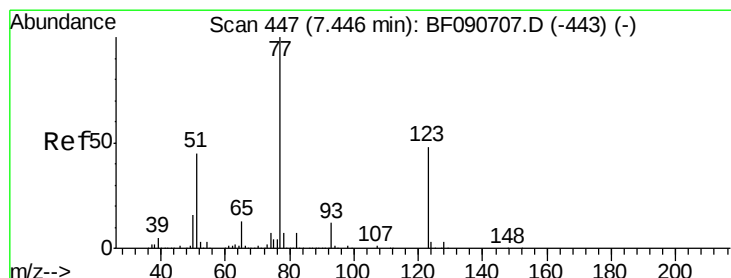
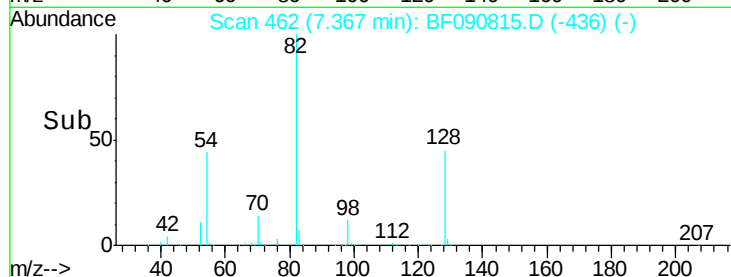
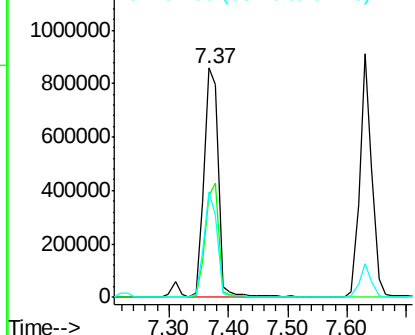
#23
 Nitrobenzene-d5
 Concen: 96.58 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BS

Tgt Ion: 82 Resp: 1482016
 Ion Ratio Lower Upper
 82 100
 128 44.4 51.0 76.6#
 54 46.0 47.5 71.3#

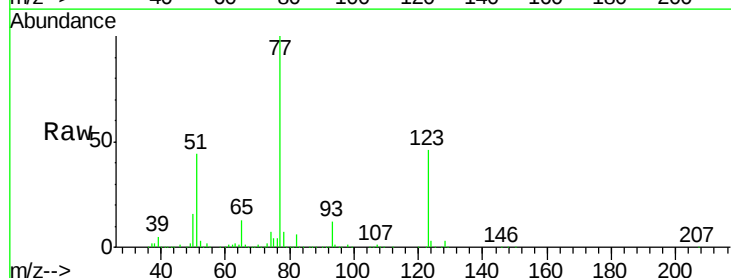


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

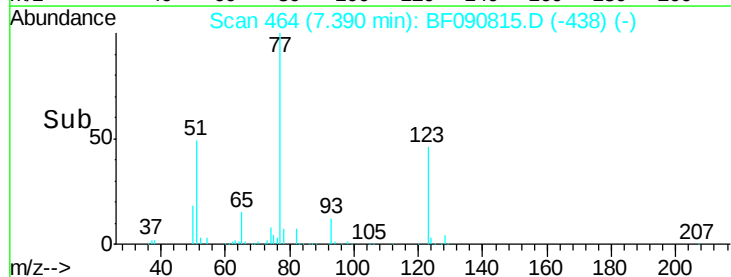
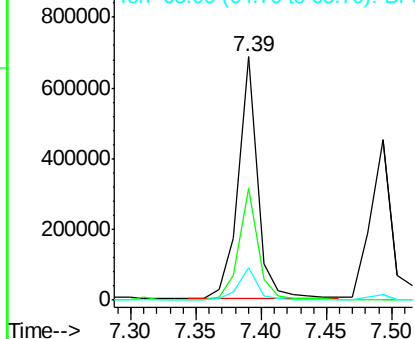


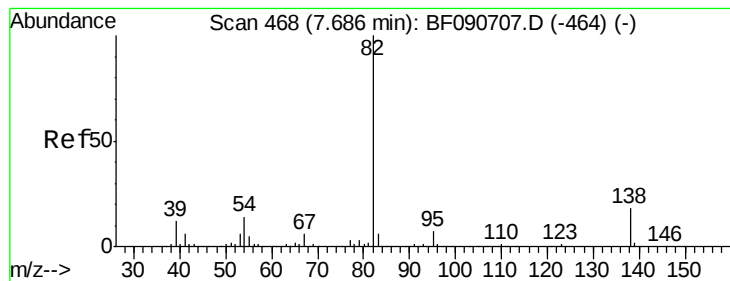
#24
 Nitrobenzene
 Concen: 42.43 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Tgt Ion: 77 Resp: 705795
 Ion Ratio Lower Upper
 77 100
 123 45.9 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): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.19 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

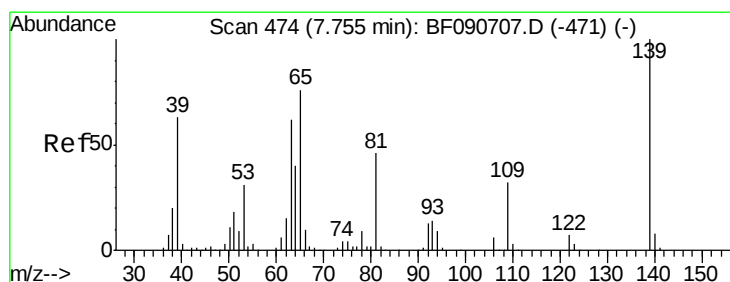
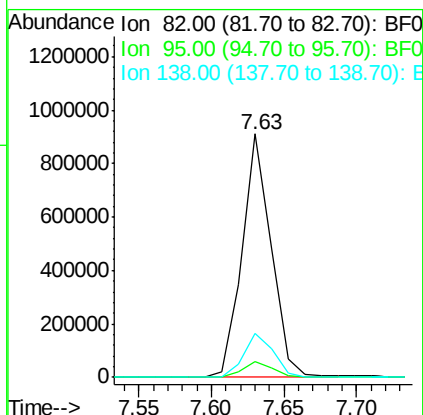
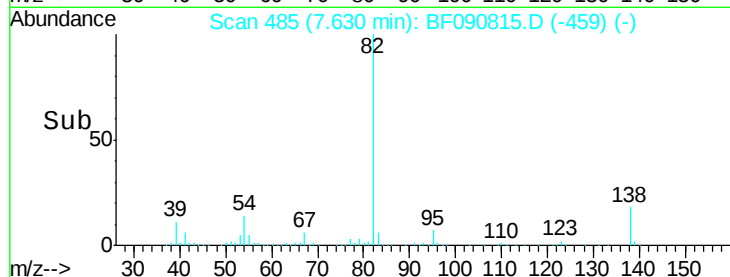
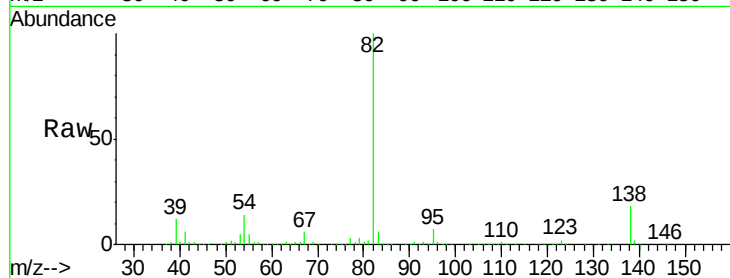
Tgt Ion: 82 Resp: 1254685

Ion Ratio Lower Upper

82 100

95 6.7 4.0 6.0#

138 17.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 57.88 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

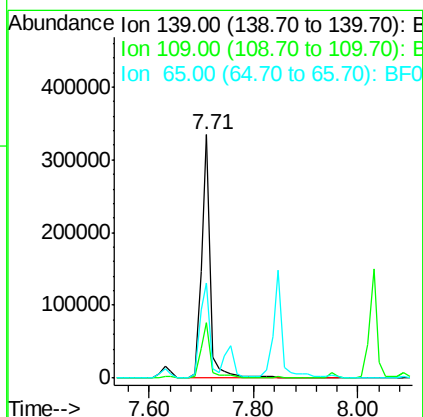
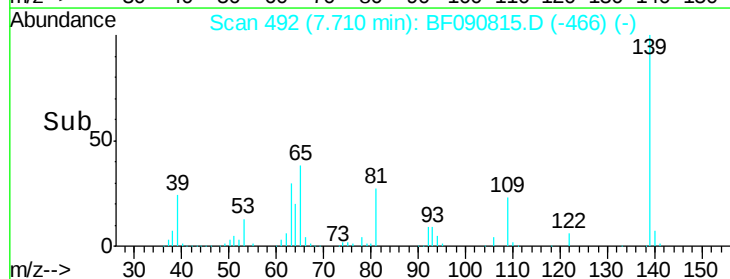
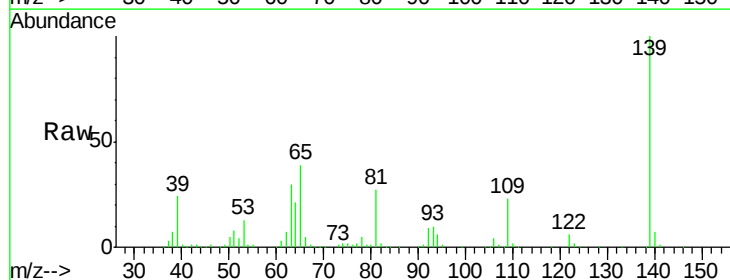
Tgt Ion: 139 Resp: 393339

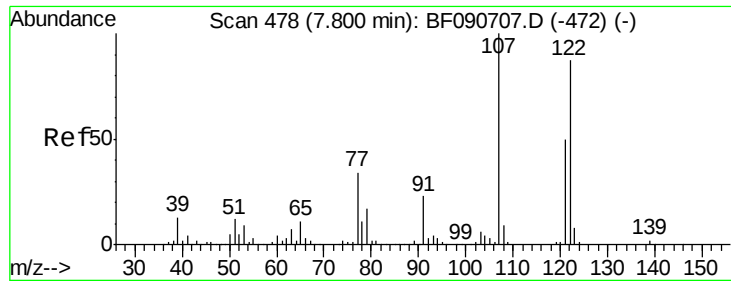
Ion Ratio Lower Upper

139 100

109 22.6 11.0 16.4#

65 38.8 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 51.65 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

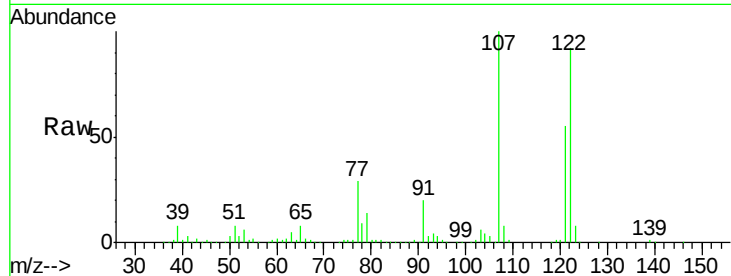
Tgt Ion:122 Resp: 622419

Ion Ratio Lower Upper

122 100

107 108.3 71.8 107.6#

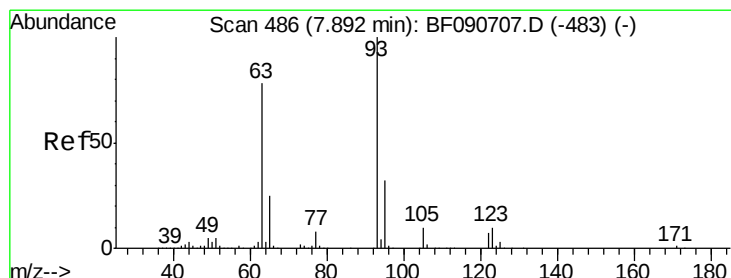
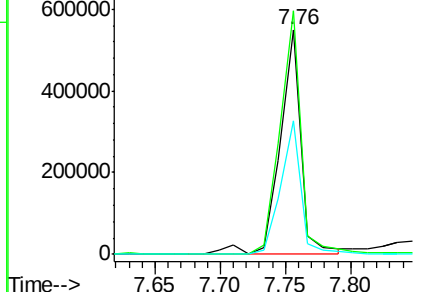
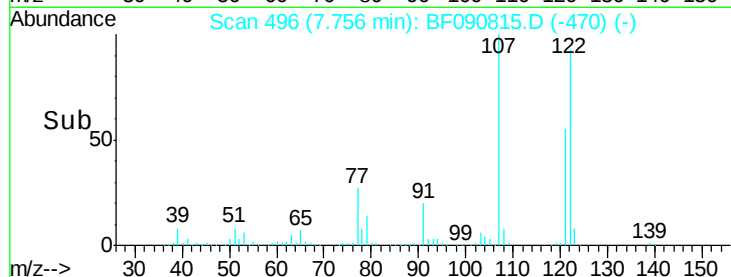
121 59.6 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.40 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

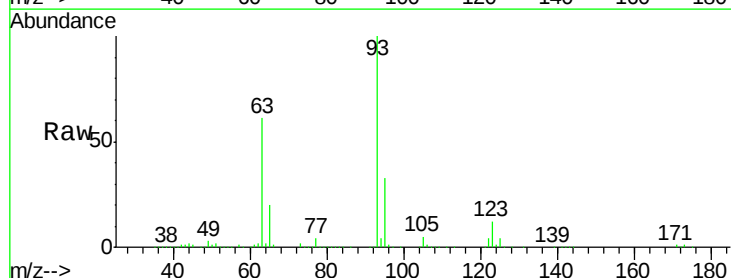
Tgt Ion: 93 Resp: 816761

Ion Ratio Lower Upper

93 100

95 33.2 27.5 41.3

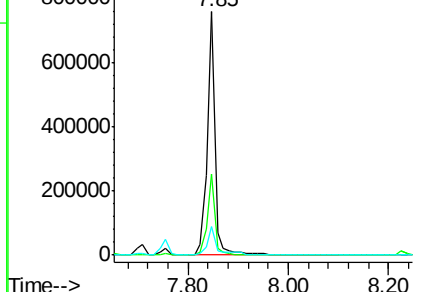
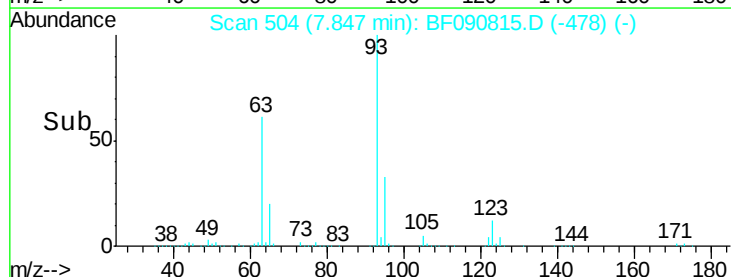
123 11.7 13.7 20.5#

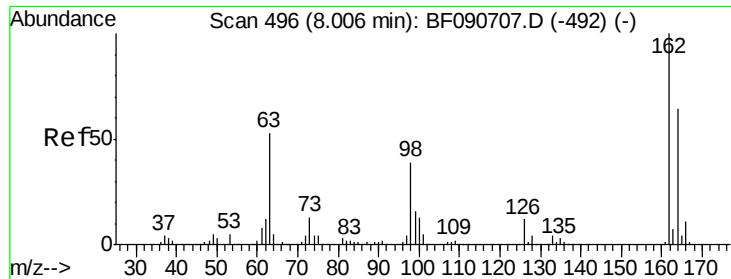


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

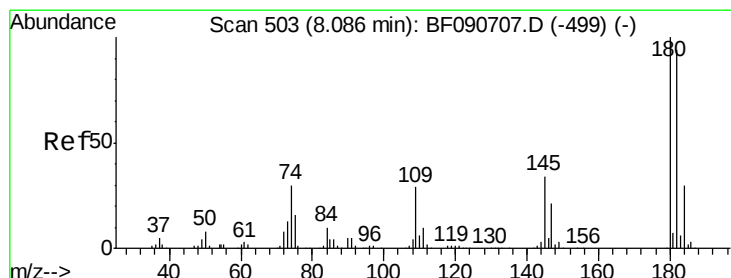
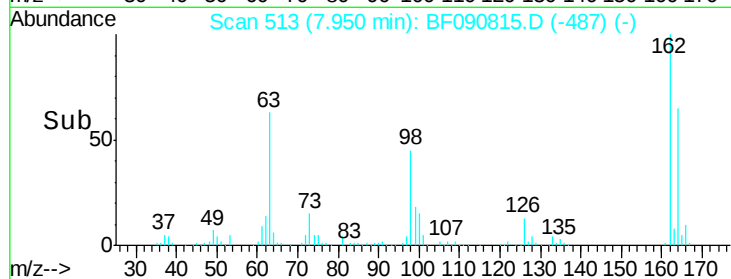
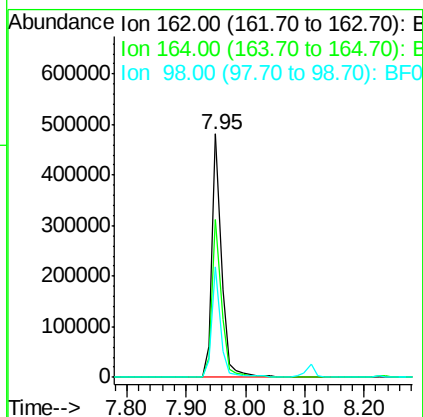
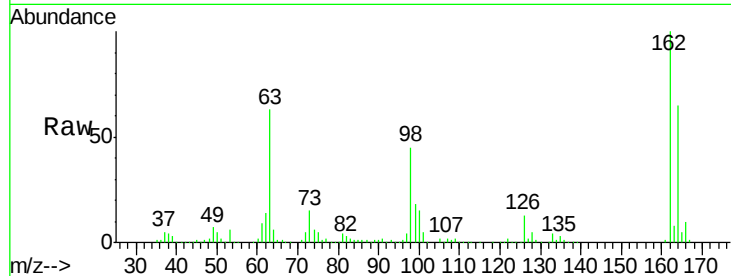




#29
 2,4-Dichlorophenol
 Concen: 55.09 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

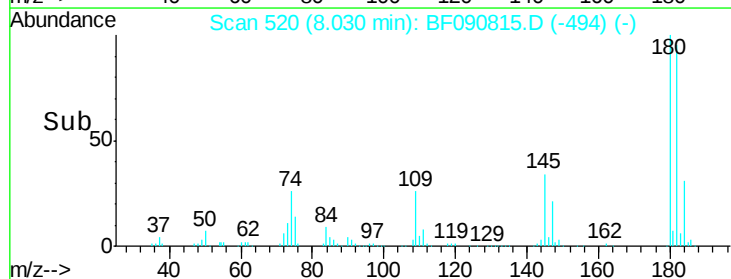
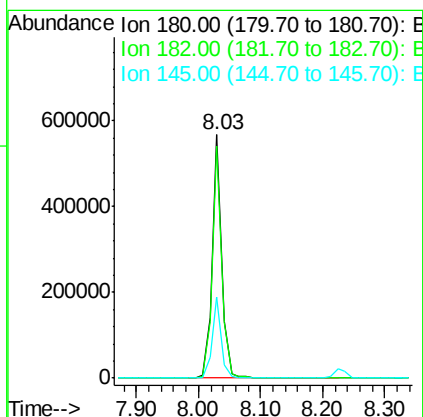
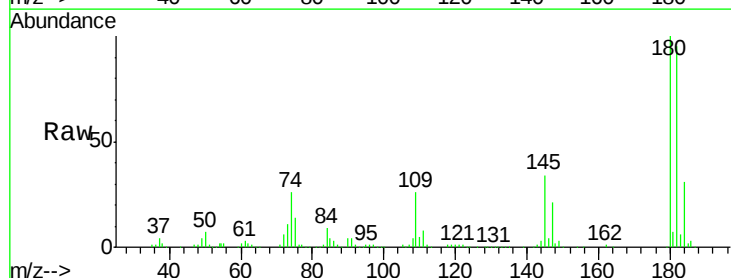
Instrument :
 BNA_F
 ClientSampleId :
 PB94297BS

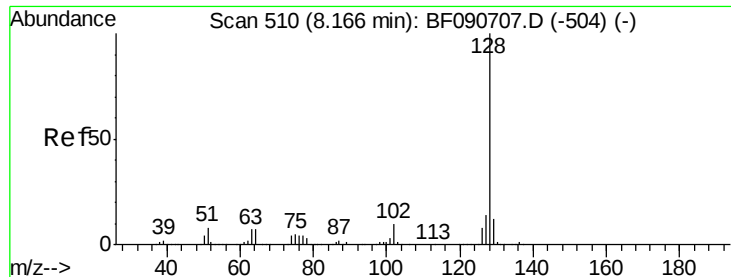
Tgt Ion:162 Resp: 544813
 Ion Ratio Lower Upper
 162 100
 164 64.8 44.9 84.9
 98 45.2 13.0 53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 51.73 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Tgt Ion:180 Resp: 601998
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.1 115.7
 145 33.5 23.3 34.9

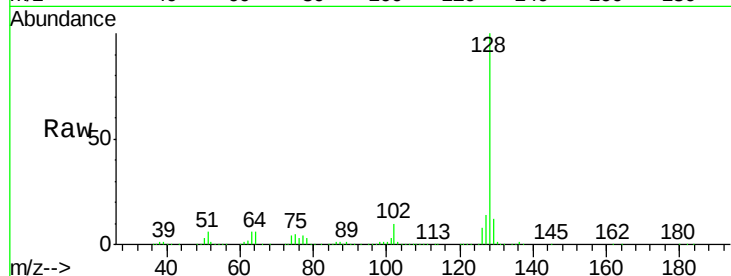




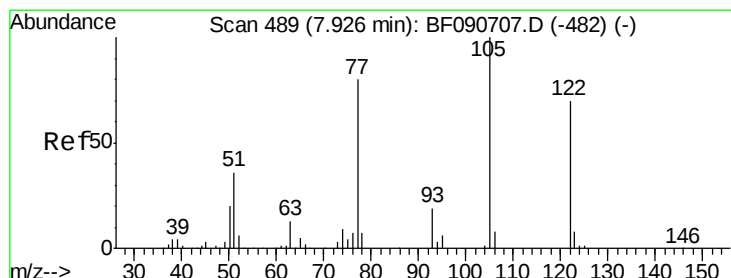
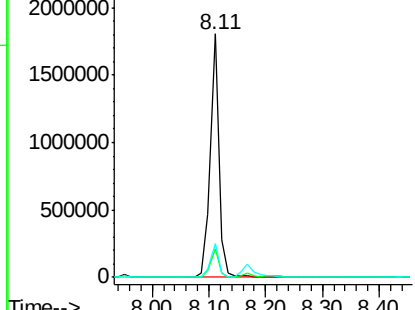
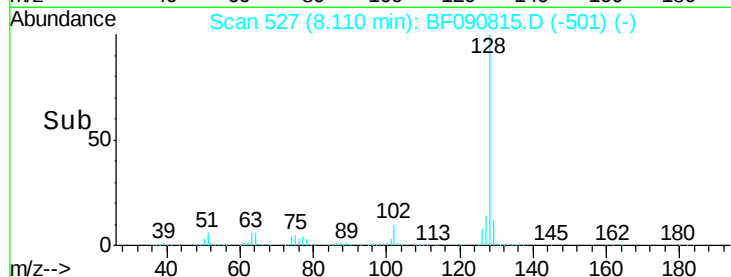
#31
Naphthalene
Concen: 45.10 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

Instrument :
BNA_F
ClientSampleId :
PB94297BS

Tgt Ion:128 Resp: 1856686
Ion Ratio Lower Upper
128 100
129 11.9 8.4 12.6
127 13.8 9.9 14.9

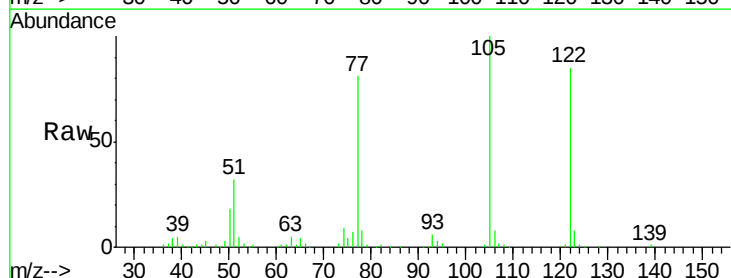


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

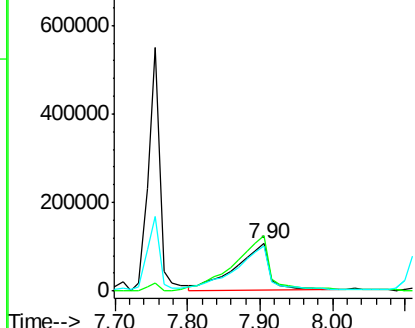
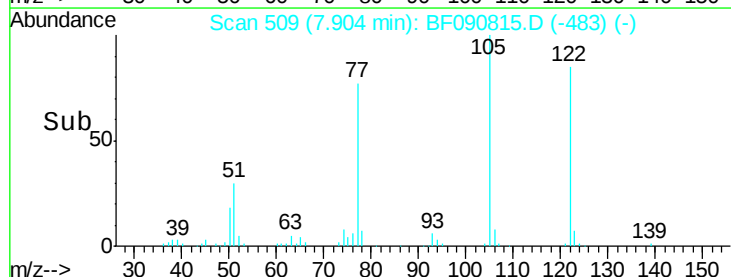


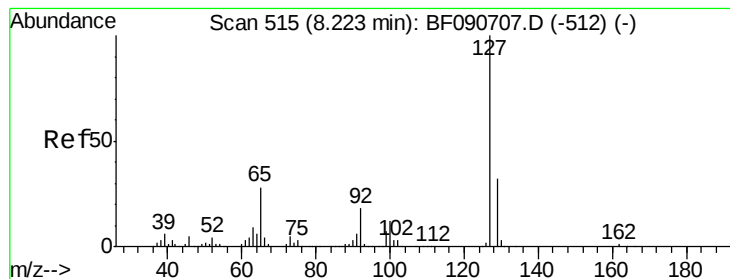
#32
Benzoic acid
Concen: 41.76 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

Tgt Ion:122 Resp: 344863
Ion Ratio Lower Upper
122 100
105 118.2 76.1 116.1#
77 95.4 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: 11.21 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

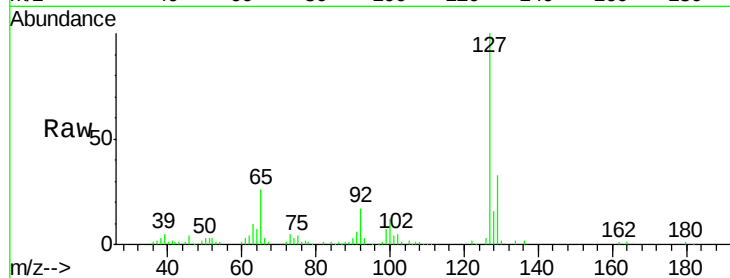
Instrument :

BNA_F

ClientSampleId :

PB94297BS

Tgt Ion:	127	Resp:	171134
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	26.0	17.9	26.9
92	17.2	10.5	15.7#

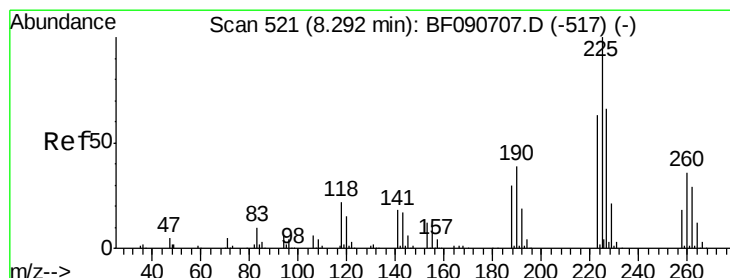
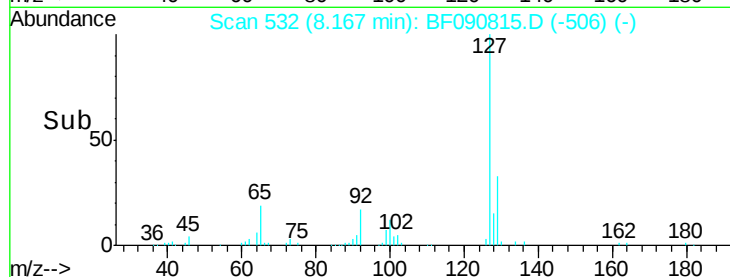
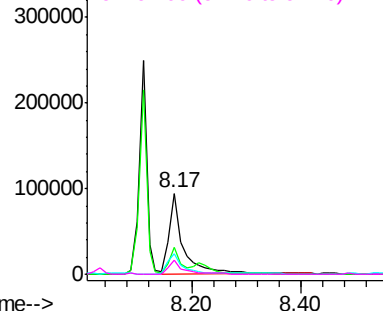


Abundance Ion 127.00 (126.70 to 127.70): E

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: 52.00 ng

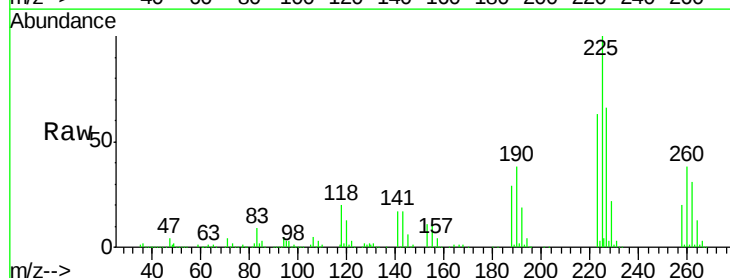
RT: 8.24 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

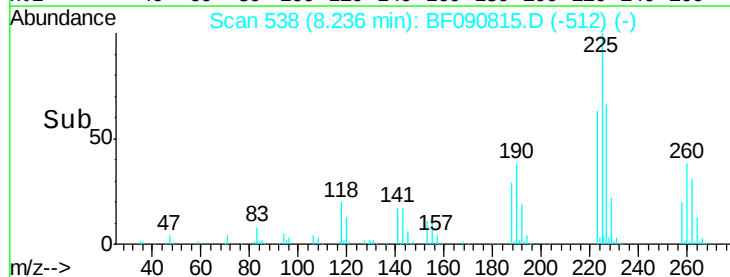
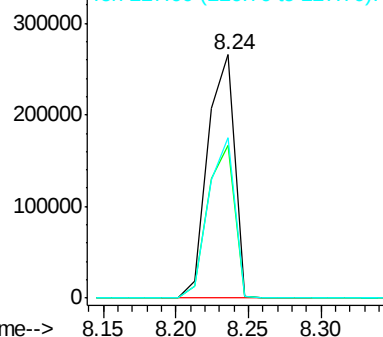
Tgt Ion:	225	Resp:	340264
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	65.7	52.2	78.2

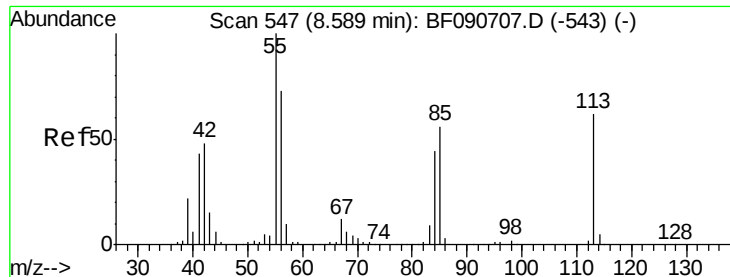


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

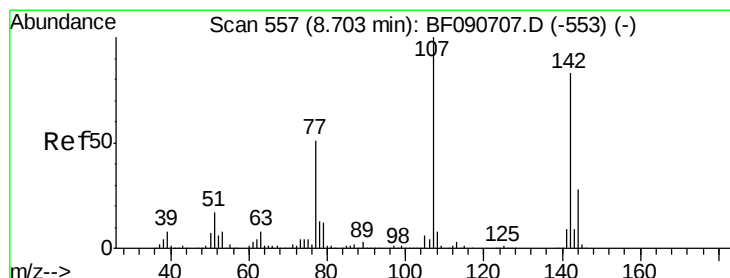
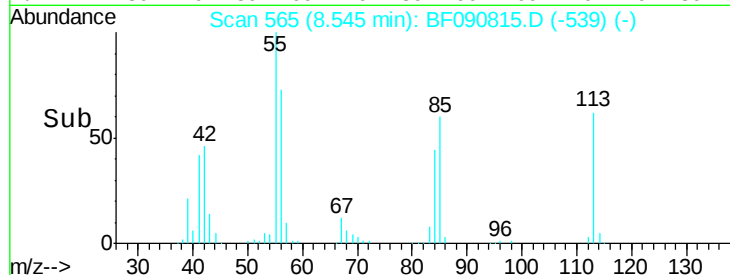
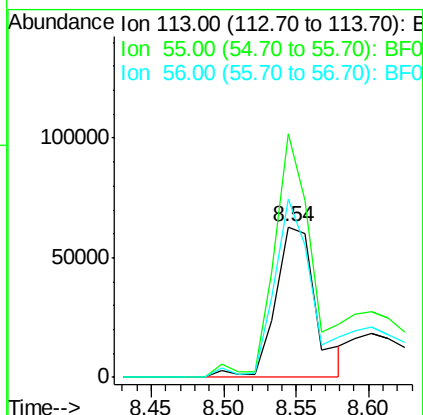
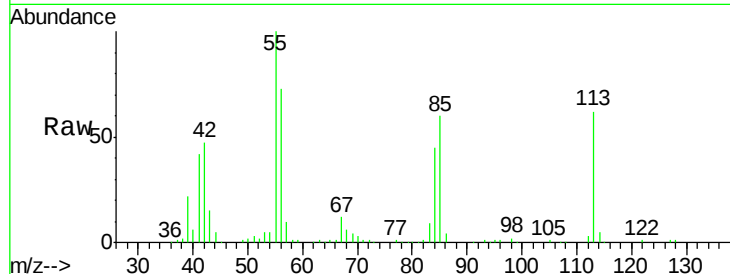




#35
 Caprolactam
 Concen: 42.80 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

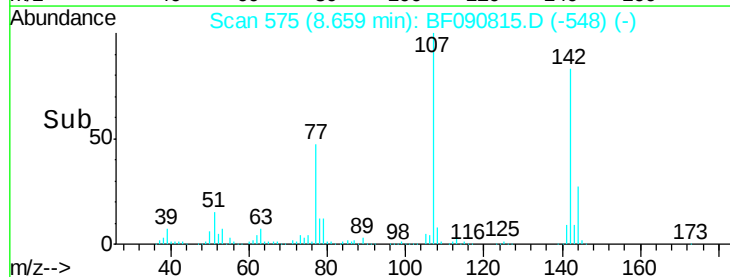
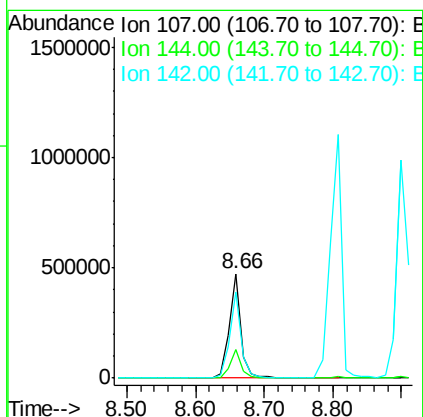
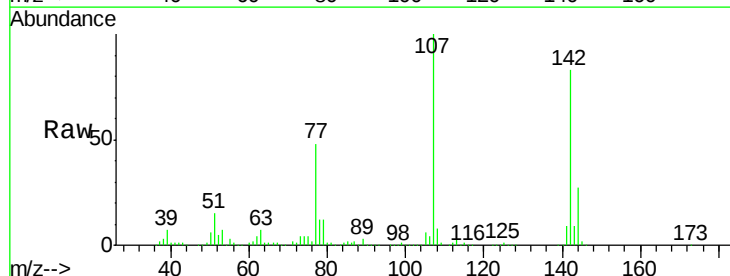
Instrument :
 BNA_F
 ClientSampleId :
 PB94297BS

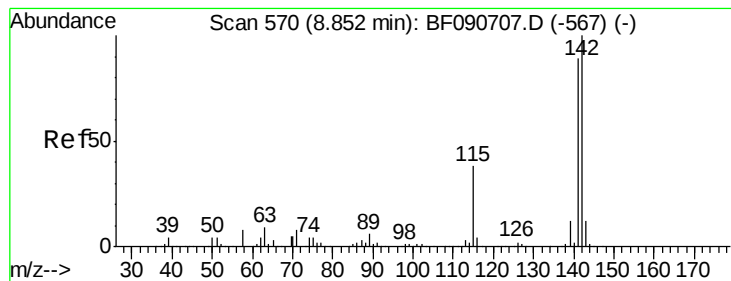
Tgt Ion:113 Resp: 120878
 Ion Ratio Lower Upper
 113 100
 55 161.9 152.4 192.4
 56 119.0 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 50.03 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Tgt Ion:107 Resp: 575407
 Ion Ratio Lower Upper
 107 100
 144 27.1 25.4 38.0
 142 82.7 77.3 115.9

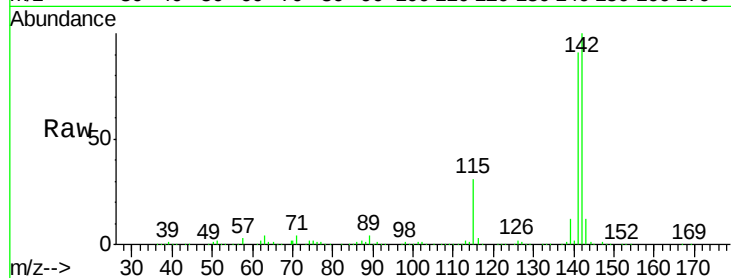




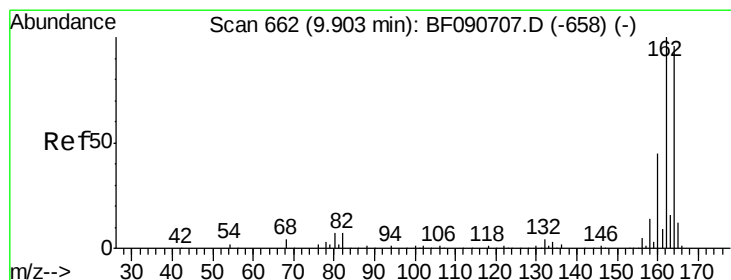
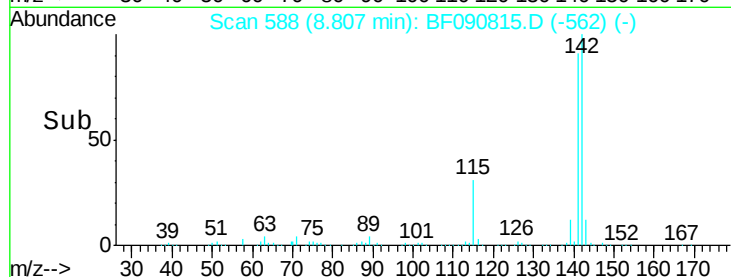
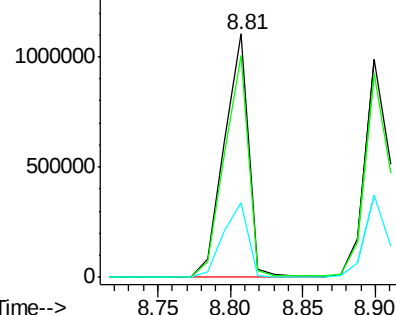
#37
 2-Methylnaphthalene
 Concen: 53.17 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BS

Tgt Ion:142 Resp: 1279376
 Ion Ratio Lower Upper
 142 100
 141 91.1 67.5 101.3
 115 30.8 18.2 27.2#

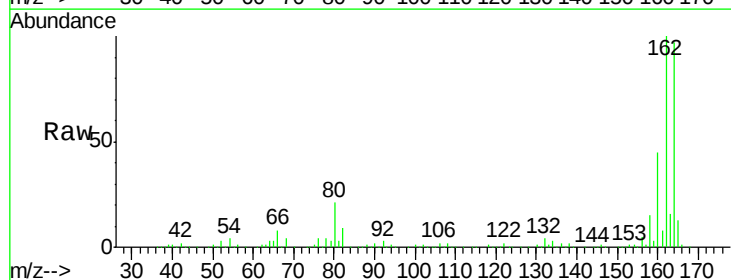


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

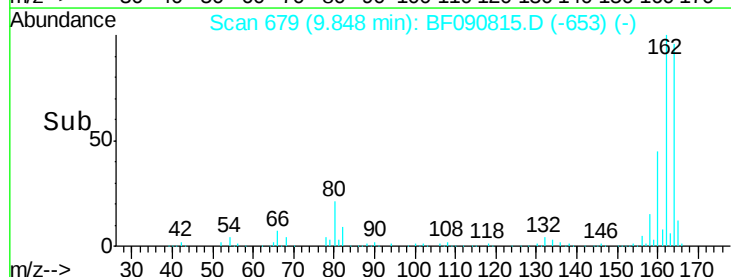
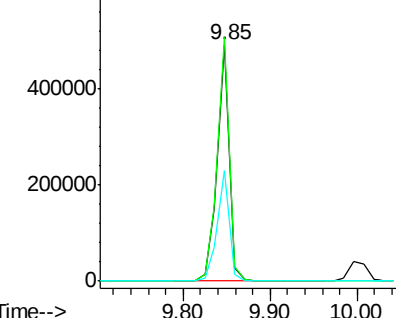


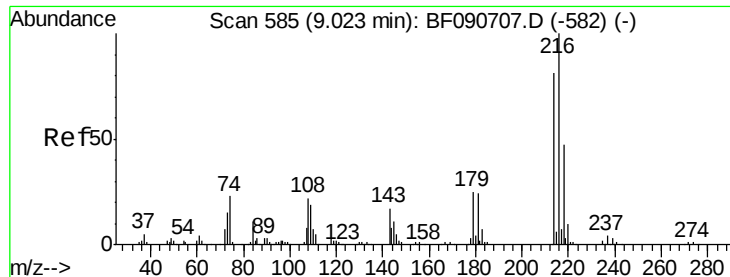
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Tgt Ion:164 Resp: 477025
 Ion Ratio Lower Upper
 164 100
 162 103.0 75.2 112.8
 160 46.6 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: 44.95 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

Tgt Ion:216 Resp: 578991

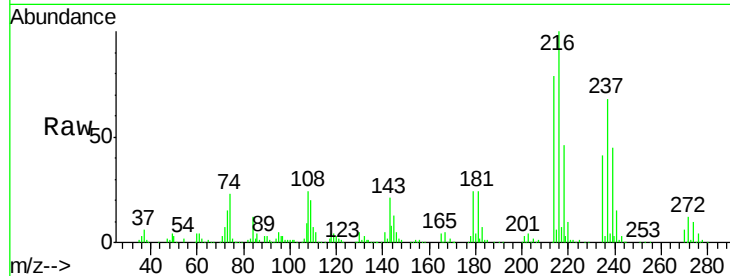
Ion Ratio Lower Upper

216 100

214 78.3 63.5 95.3

179 21.5 16.6 24.8

108 20.2 16.3 24.5

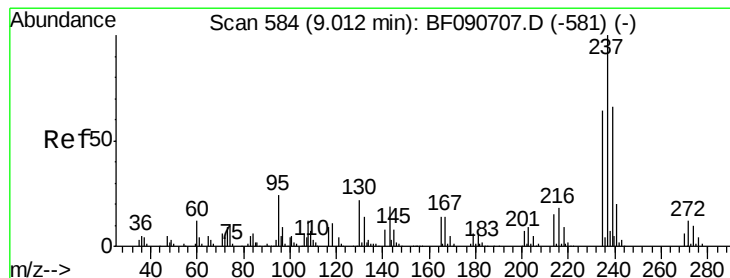
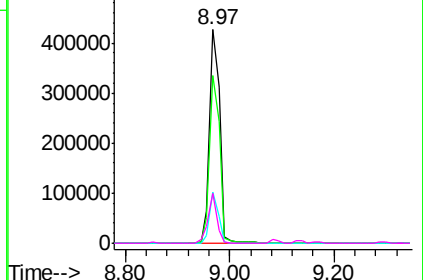
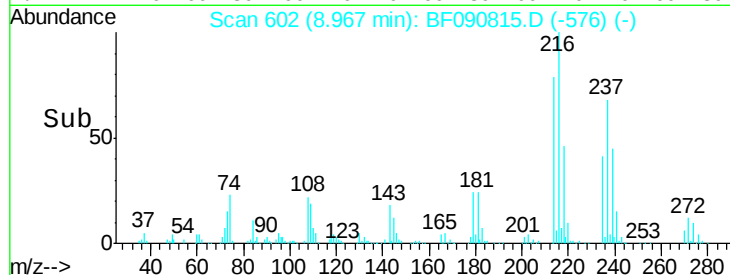


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 102.71 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

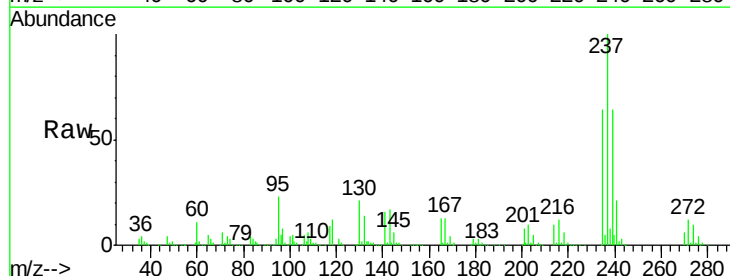
Tgt Ion:237 Resp: 621104

Ion Ratio Lower Upper

237 100

235 64.1 42.0 82.0

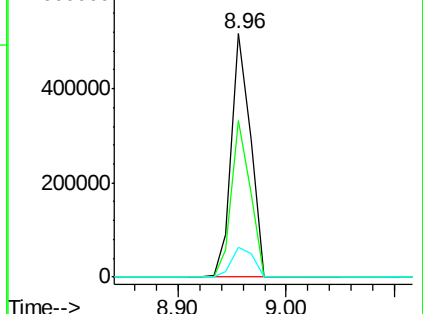
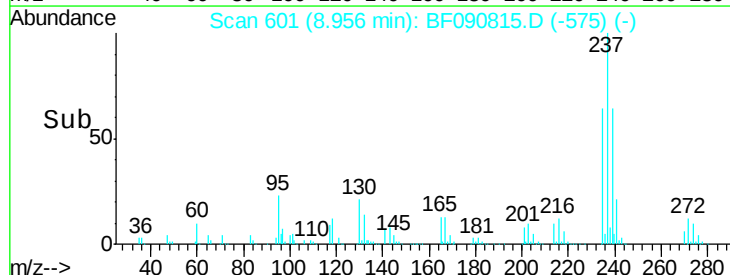
272 12.4 0.0 36.1

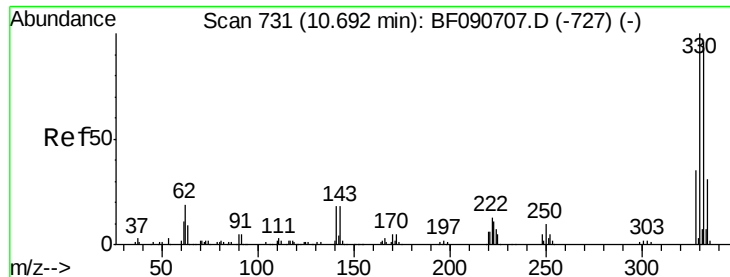


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

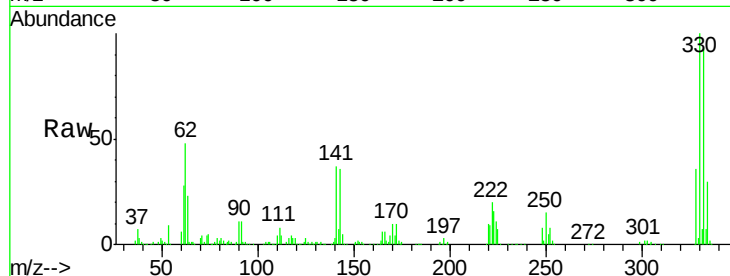




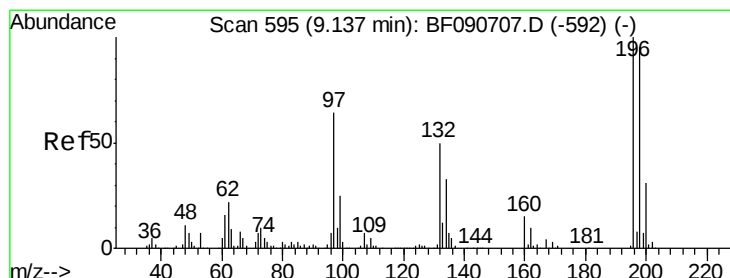
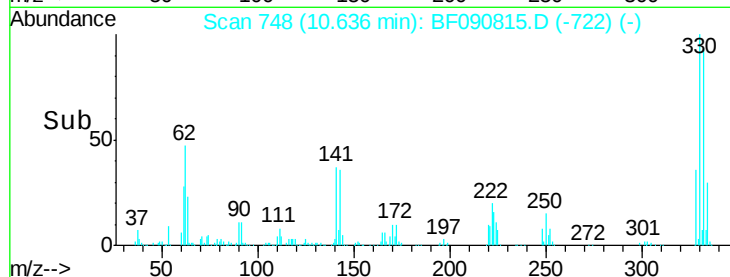
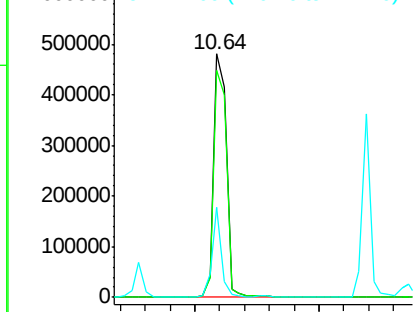
#41
 2,4,6-Tribromophenol
 Concen: 178.98 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BS

Tgt Ion:330 Resp: 675761
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 27.1 29.7 44.5#

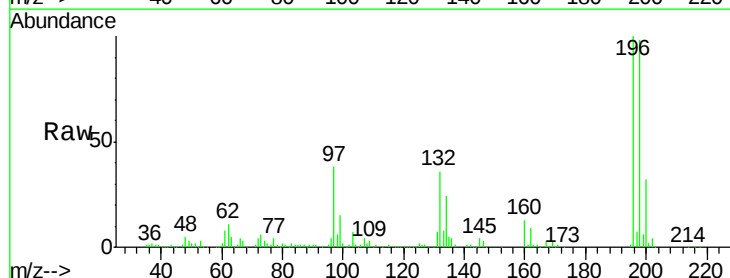


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

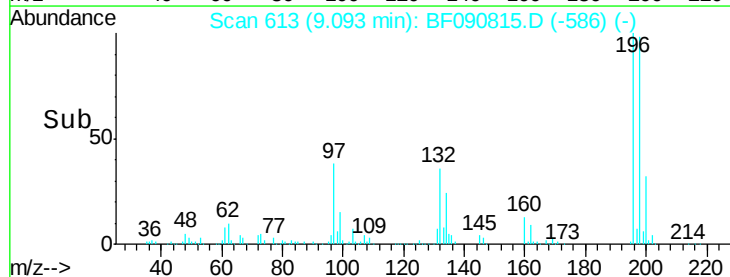
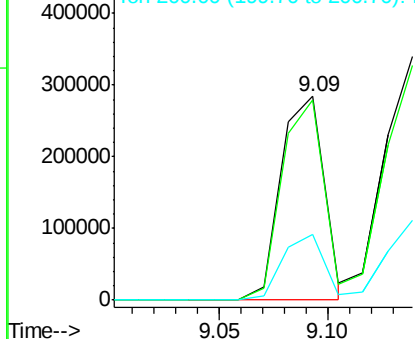


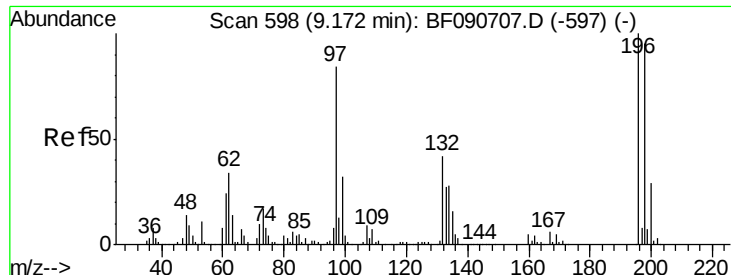
#42
 2,4,6-Trichlorophenol
 Concen: 49.45 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Tgt Ion:196 Resp: 395035
 Ion Ratio Lower Upper
 196 100
 198 98.5 75.7 113.5
 200 32.5 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

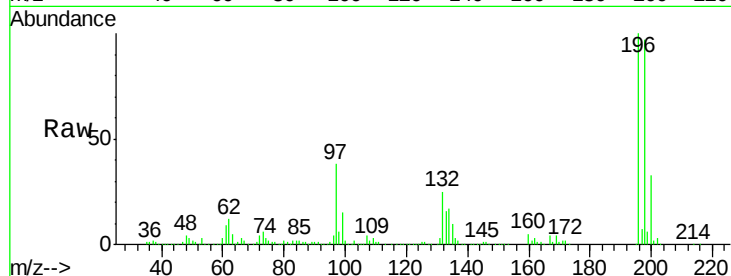




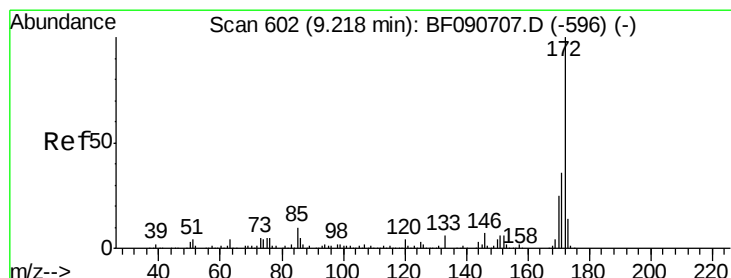
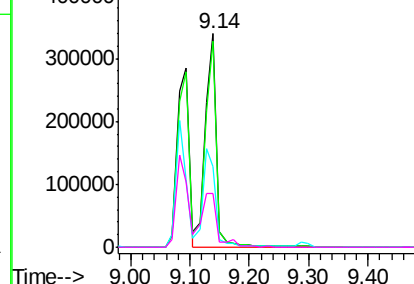
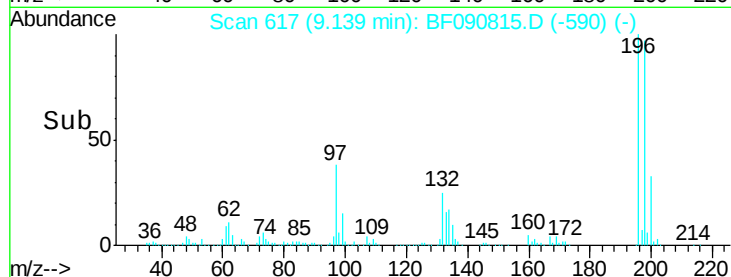
#43
2,4,5-Trichlorophenol
Concen: 56.56 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.01 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

Instrument :
BNA_F
ClientSampleId :
PB94297BS

Tgt Ion:196 Resp: 458465
Ion Ratio Lower Upper
196 100
198 96.5 75.4 113.0
97 37.8 33.3 49.9
132 25.3 24.6 37.0

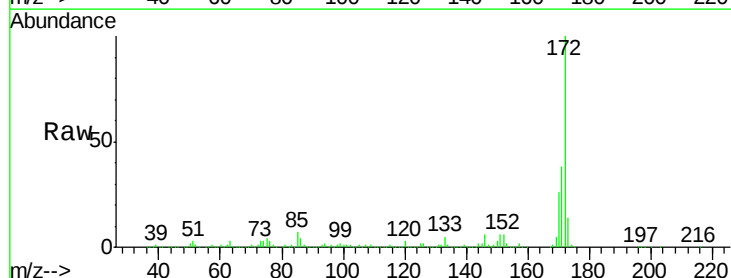


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

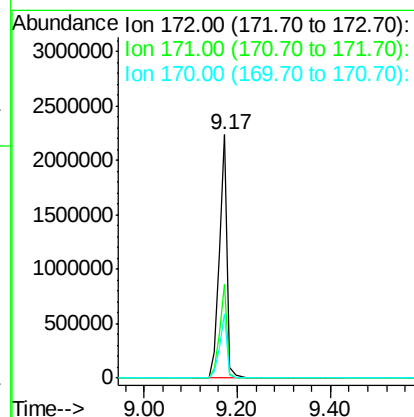
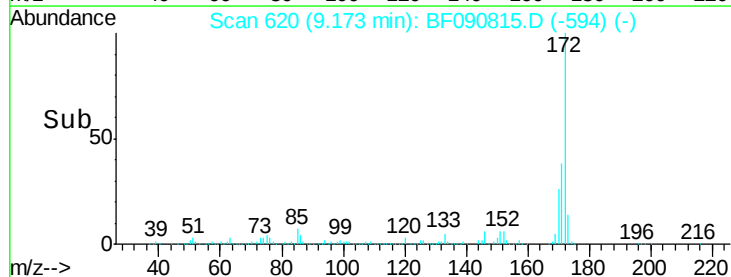


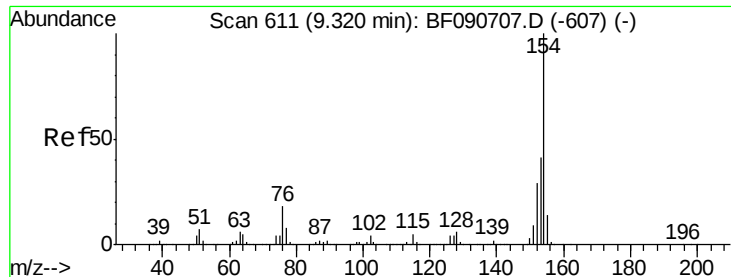
#44
2-Fluorobiphenyl
Concen: 84.85 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

Tgt Ion:172 Resp: 2607436
Ion Ratio Lower Upper
172 100
171 38.3 26.1 39.1
170 26.3 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

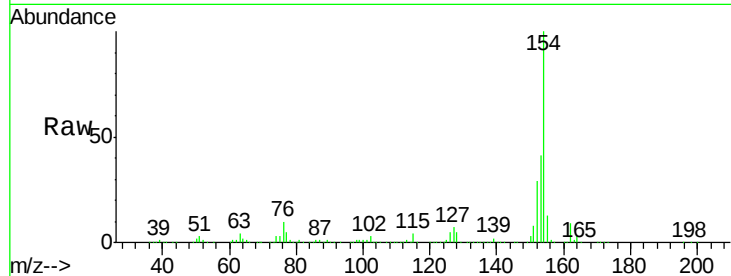




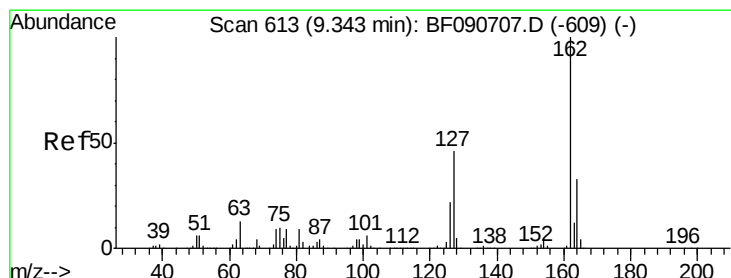
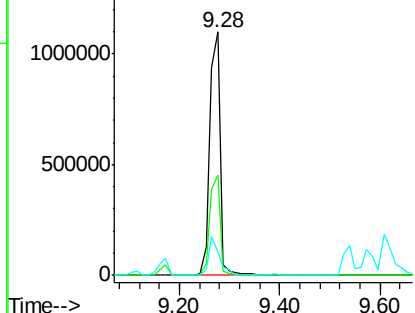
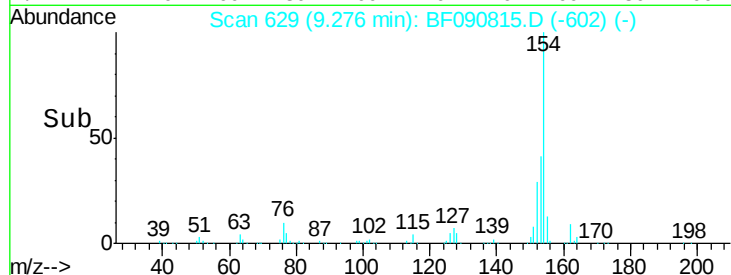
#45
 1,1'-Biphenyl
 Concen: 42.30 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Instrument :
 BNA_F
 ClientSampled :
 PB94297BS

Tgt Ion:154 Resp: 1584523
 Ion Ratio Lower Upper
 154 100
 153 41.2 17.1 57.1
 76 9.7 0.0 31.6

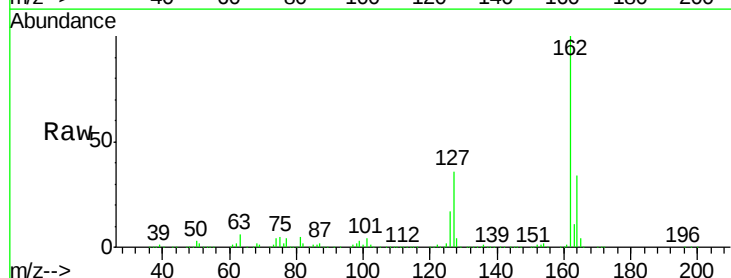


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

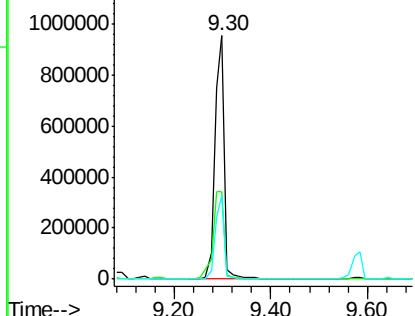
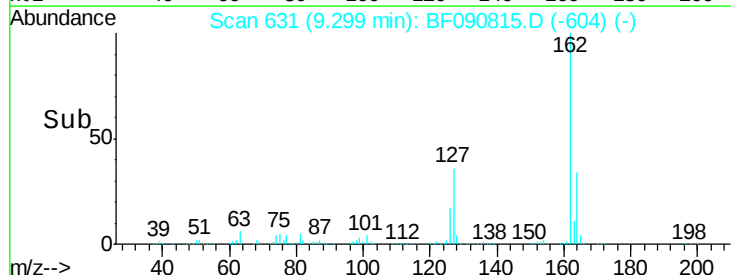


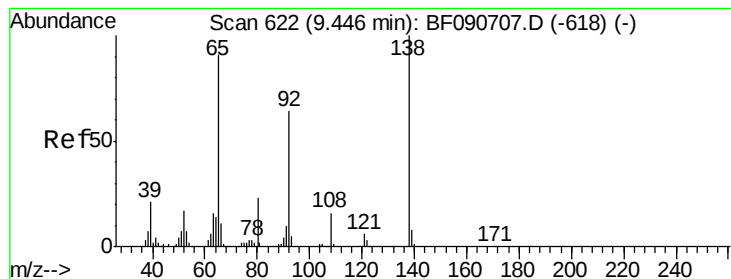
#46
 2-Chloronaphthalene
 Concen: 47.19 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Tgt Ion:162 Resp: 1313950
 Ion Ratio Lower Upper
 162 100
 127 35.7 27.6 41.4
 164 34.4 25.4 38.2



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





#47

2-Nitroaniline

Concen: 42.85 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

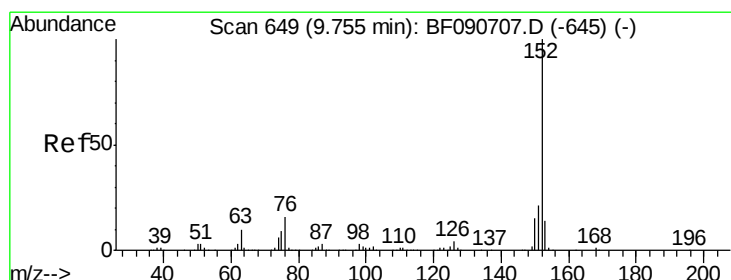
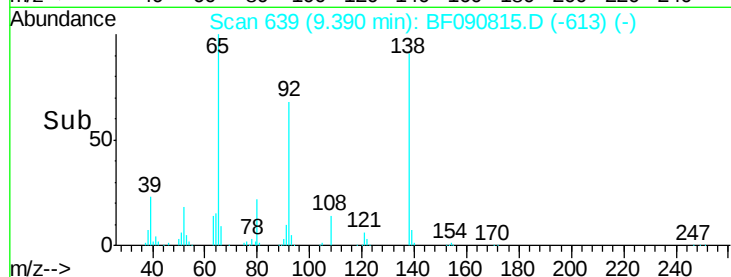
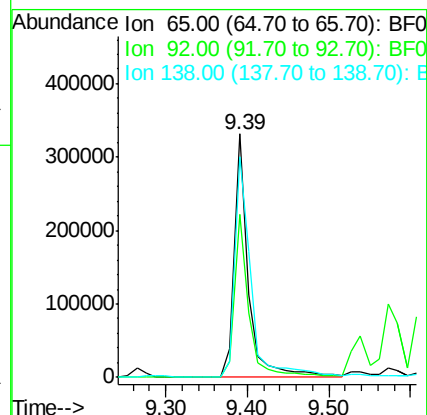
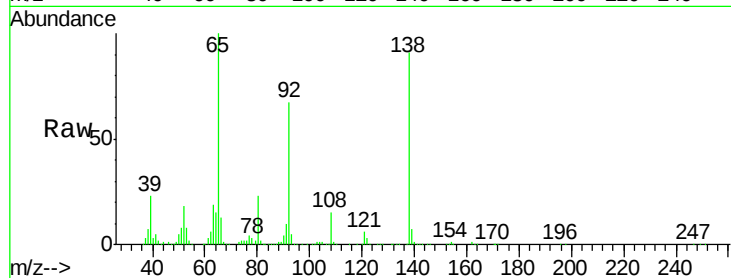
Tgt Ion: 65 Resp: 395996

Ion Ratio Lower Upper

65 100

92 67.1 55.4 83.0

138 90.5 115.5 173.3#



#48

Acenaphthylene

Concen: 45.70 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

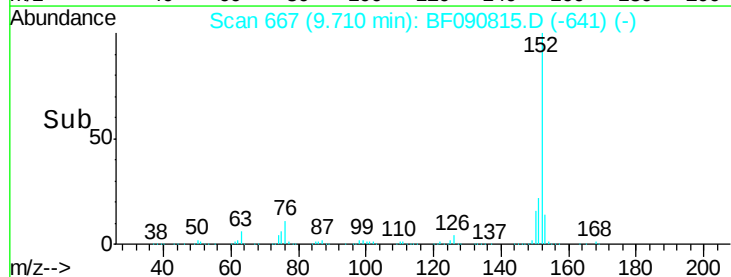
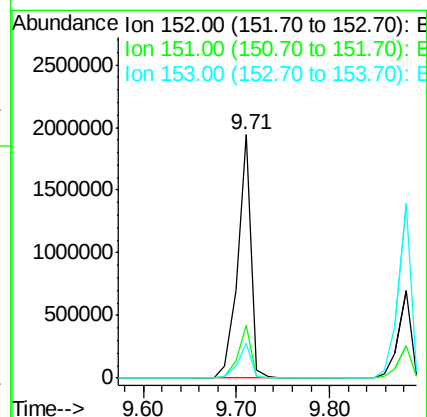
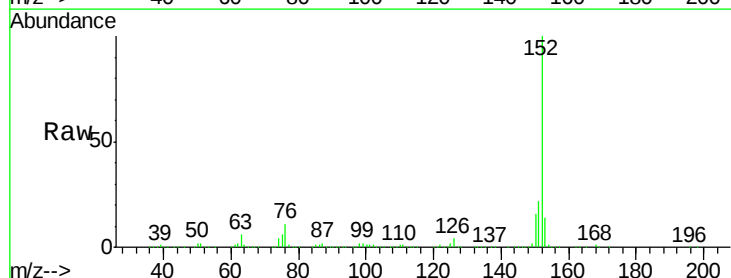
Tgt Ion: 152 Resp: 1941562

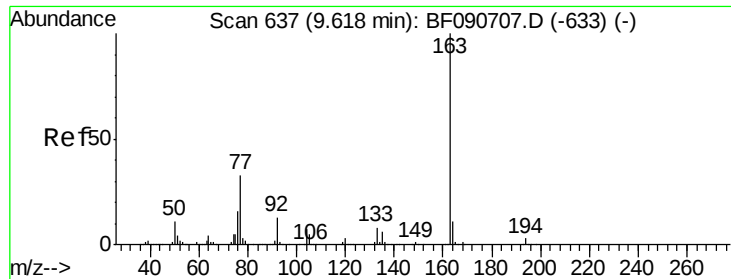
Ion Ratio Lower Upper

152 100

151 21.5 14.6 22.0

153 14.2 10.3 15.5

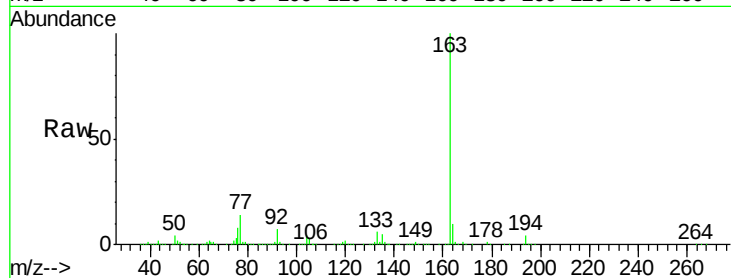




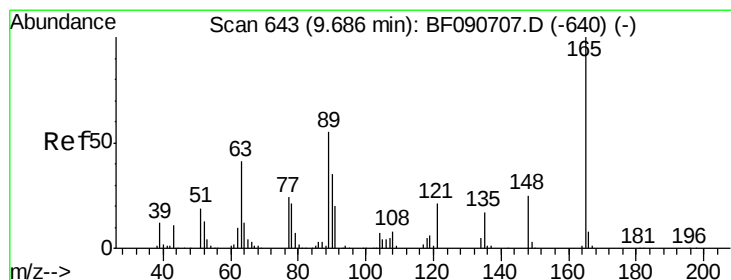
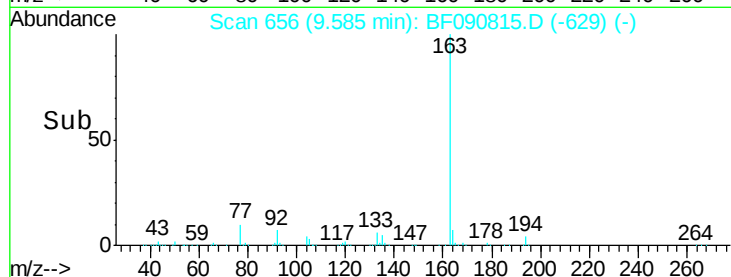
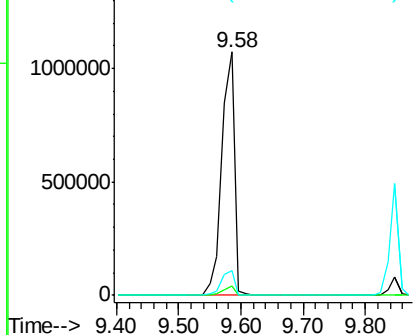
#49
Dimethylphthalate
Concen: 50.13 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

Instrument :
BNA_F
ClientSampleId :
PB94297BS

Tgt Ion:163 Resp: 1502657
Ion Ratio Lower Upper
163 100
194 4.0 4.4 6.6#
164 10.0 8.3 12.5

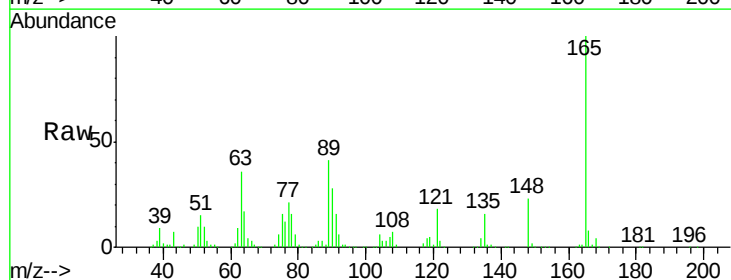


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

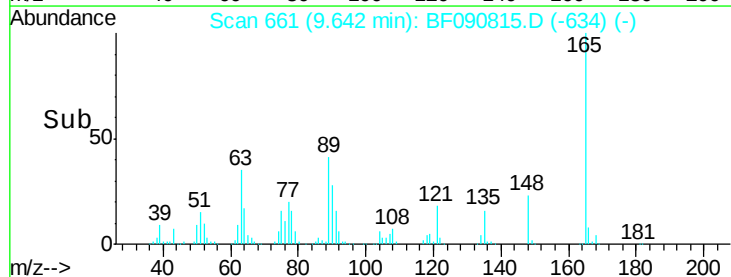
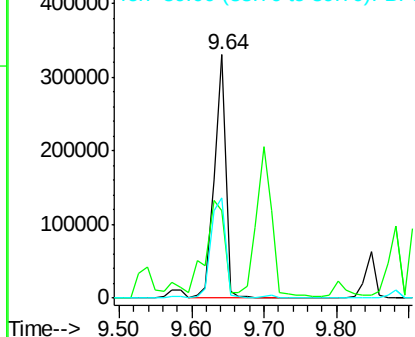


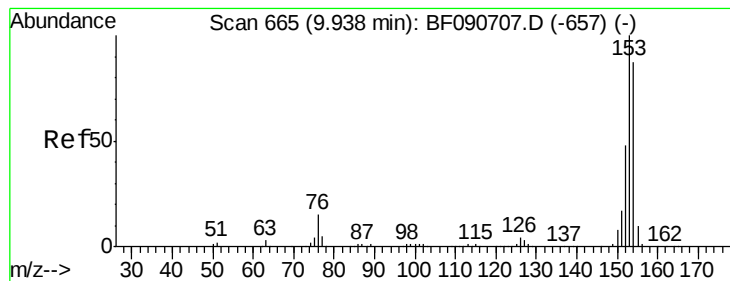
#50
2,6-Dinitrotoluene
Concen: 56.51 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

Tgt Ion:165 Resp: 364260
Ion Ratio Lower Upper
165 100
63 35.9 32.3 48.5
89 41.0 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: 42.50 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

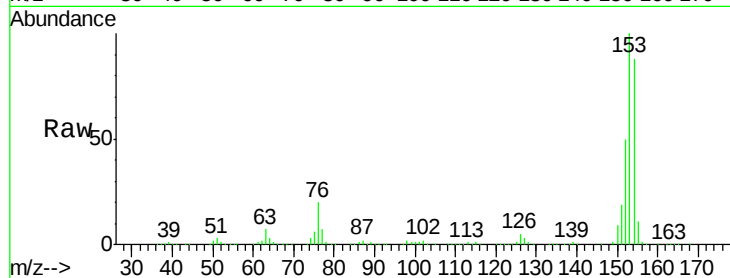
Tgt Ion:154 Resp: 1198591

Ion Ratio Lower Upper

154 100

153 113.7 82.1 123.1

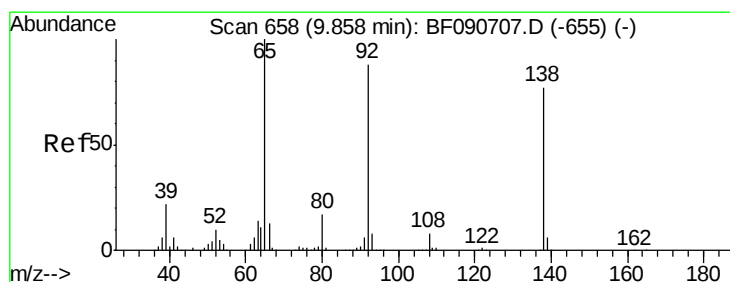
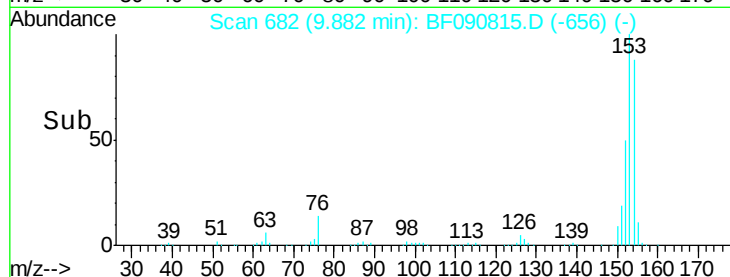
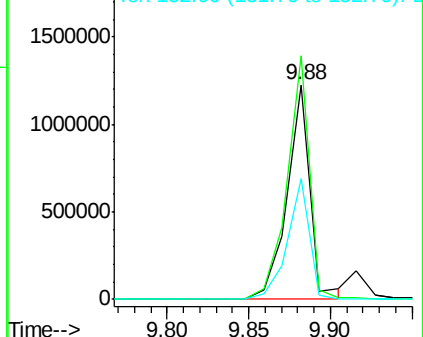
152 56.6 37.9 56.9



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: 21.07 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

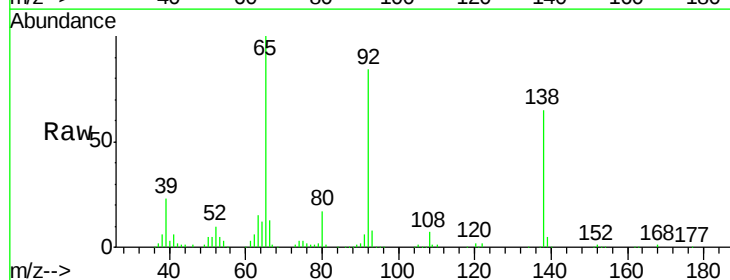
Tgt Ion:138 Resp: 156125

Ion Ratio Lower Upper

138 100

108 10.3 5.7 8.5#

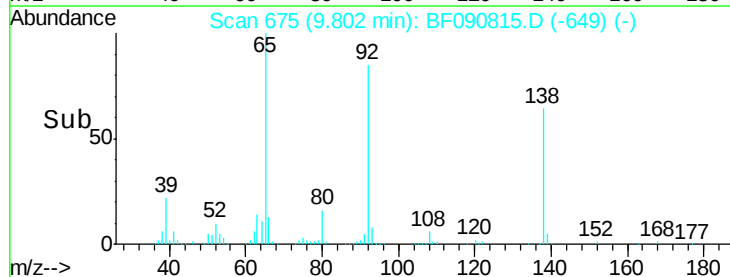
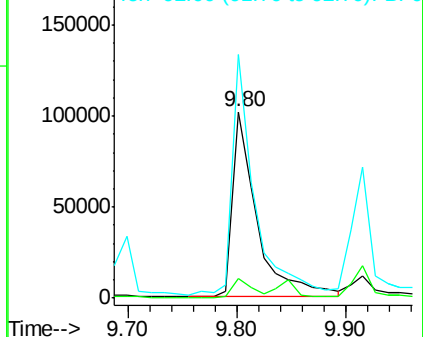
92 130.9 67.7 101.5#

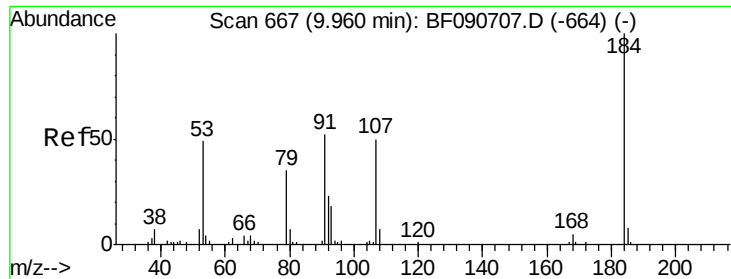


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

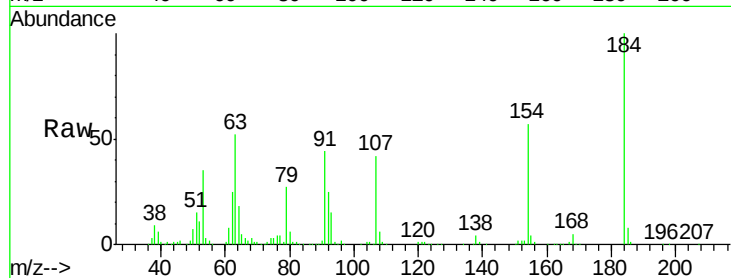




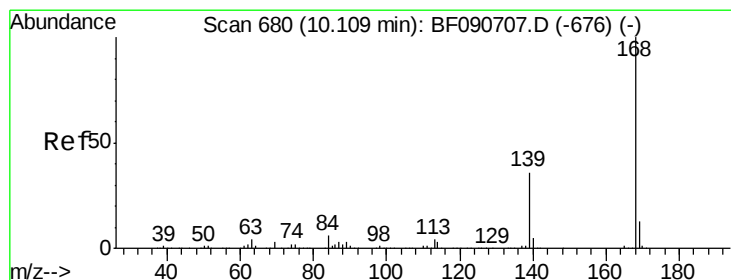
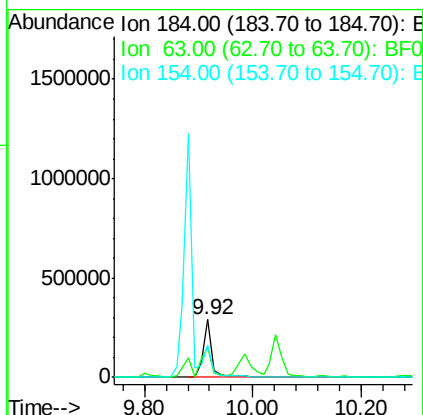
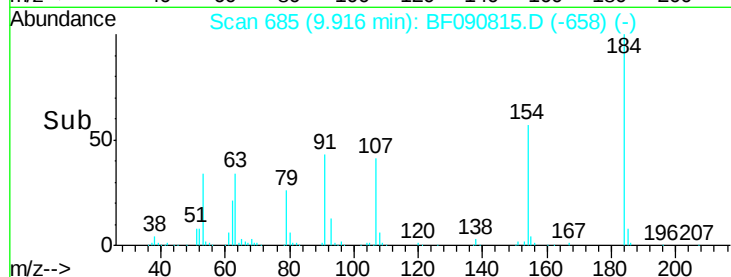
#53
 2,4-Dinitrophenol
 Concen: 85.99 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BS

Tgt Ion:184 Resp: 329824
 Ion Ratio Lower Upper
 184 100
 63 51.9 35.4 53.2
 154 57.4 32.2 48.4#

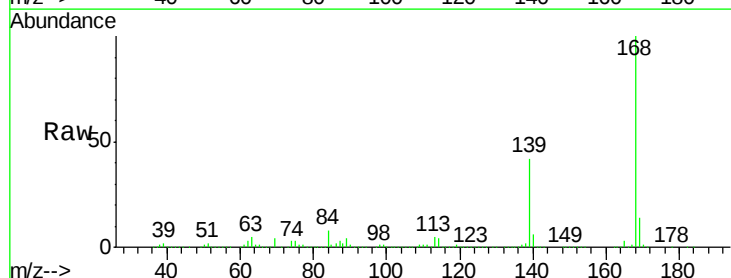


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

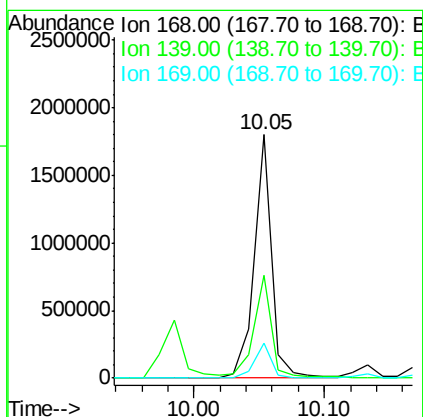
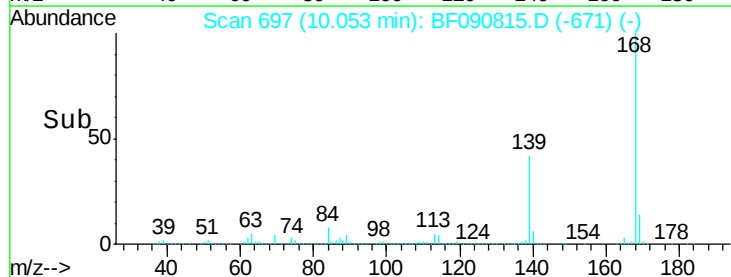


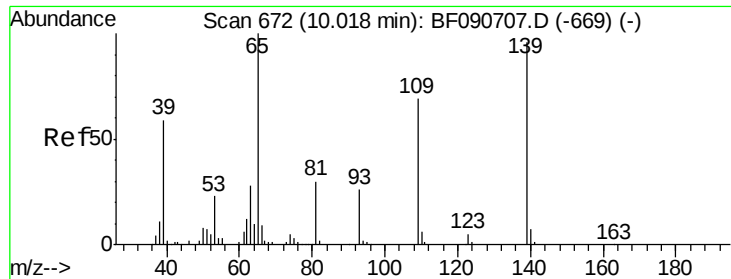
#54
 Dibenzofuran
 Concen: 49.02 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Tgt Ion:168 Resp: 1674665
 Ion Ratio Lower Upper
 168 100
 139 42.0 24.2 36.2#
 169 14.2 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

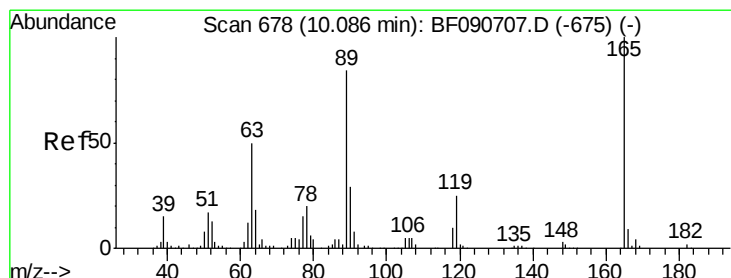
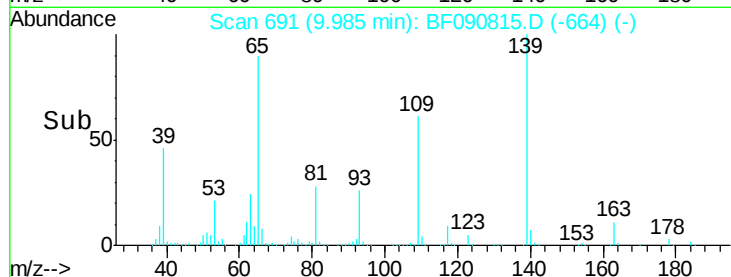
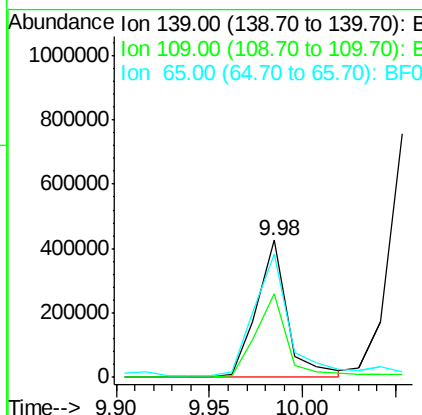
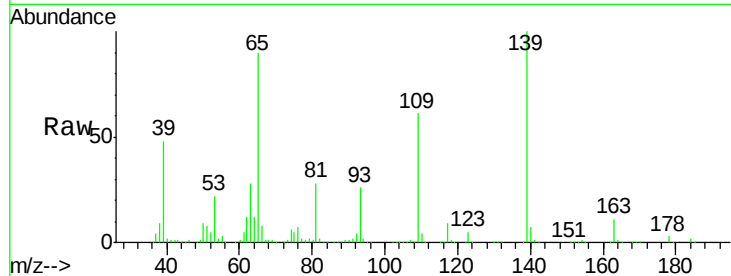




#55
4-Nitrophenol
Concen: 106.99 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

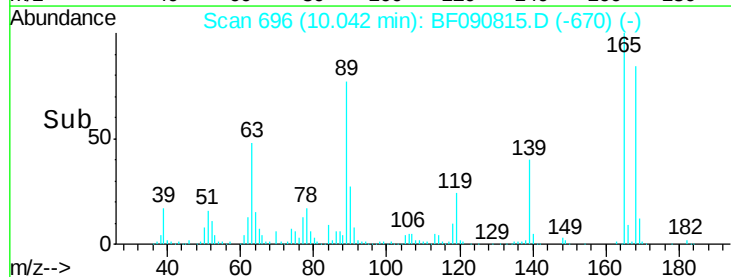
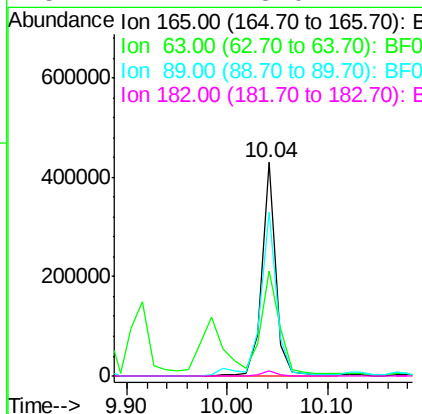
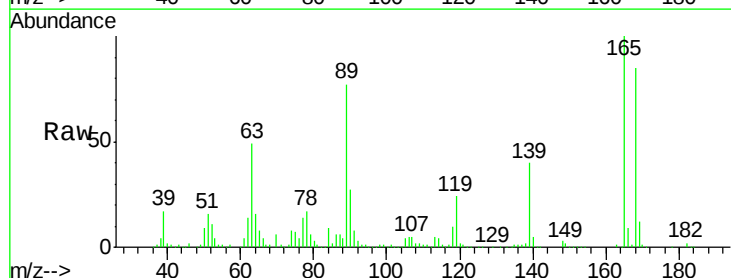
Instrument :
BNA_F
ClientSampleId :
PB94297BS

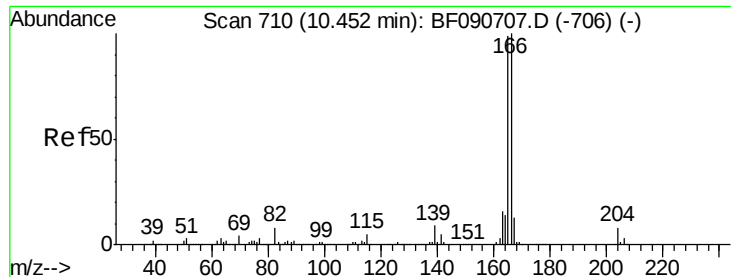
Tgt Ion:139 Resp: 496893
Ion Ratio Lower Upper
139 100
109 61.2 12.7 52.7#
65 90.3 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 52.78 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

Tgt Ion:165 Resp: 415844
Ion Ratio Lower Upper
165 100
63 49.3 29.8 44.6#
89 76.8 44.5 66.7#
182 2.2 3.0 4.4#

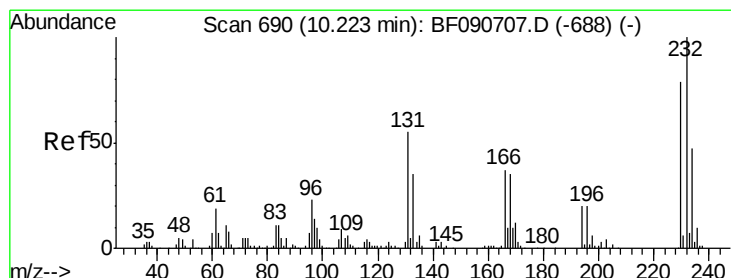
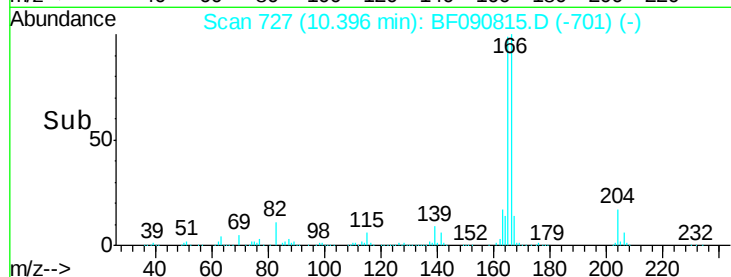
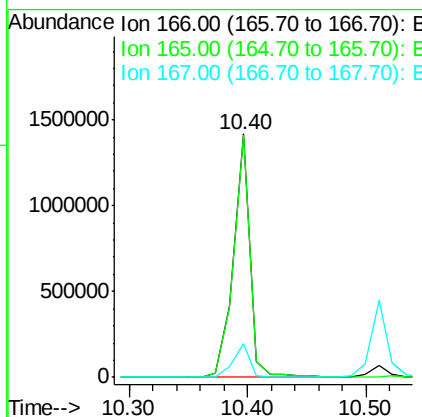
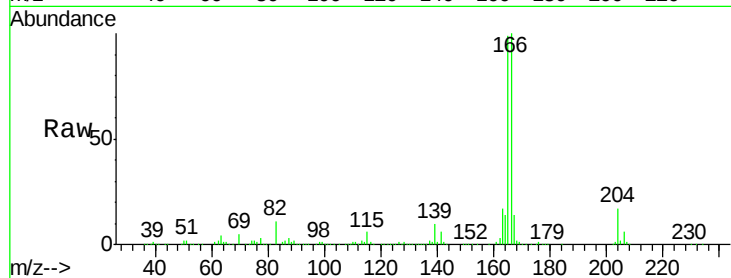




#57
 Fluorene
 Concen: 48.47 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

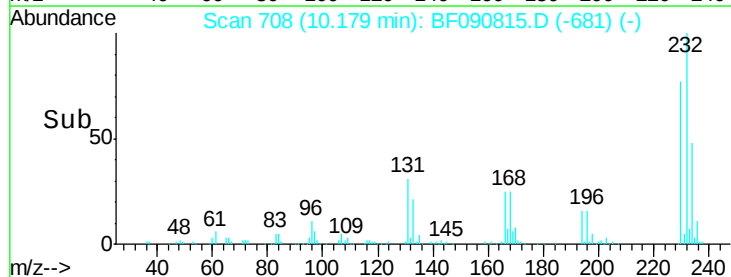
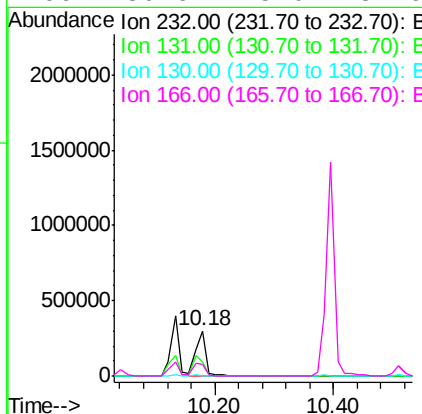
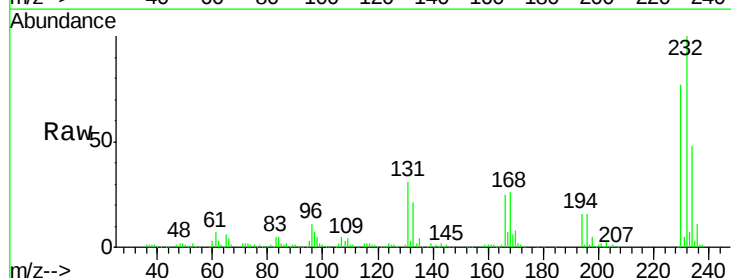
Instrument :
 BNA_F
 ClientSampleId :
 PB94297BS

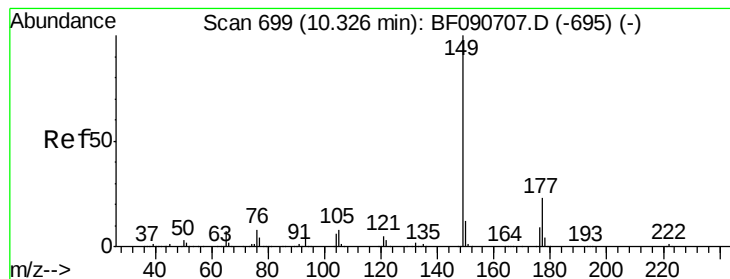
Tgt Ion:166 Resp: 1372398
 Ion Ratio Lower Upper
 166 100
 165 99.3 72.6 109.0
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.52 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Tgt Ion:232 Resp: 365938
 Ion Ratio Lower Upper
 232 100
 131 46.1 38.5 57.7
 130 2.0 1.8 2.6
 166 30.6 25.0 37.6





#59

Diethylphthalate

Concen: 50.82 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

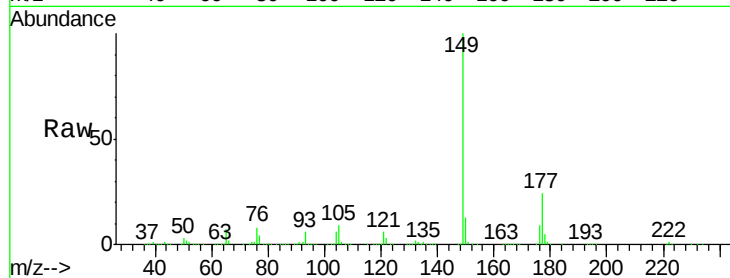
Tgt Ion:149 Resp: 1580005

Ion Ratio Lower Upper

149 100

177 23.7 17.5 26.3

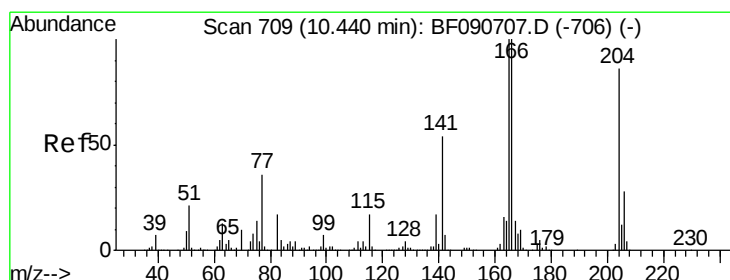
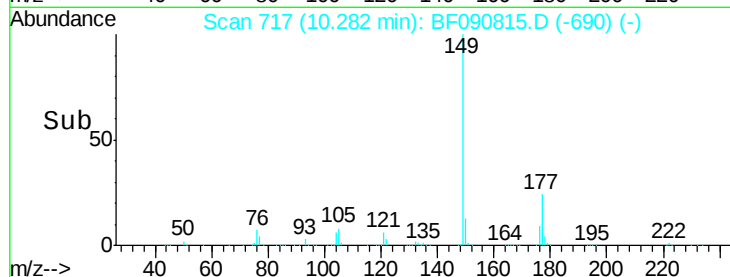
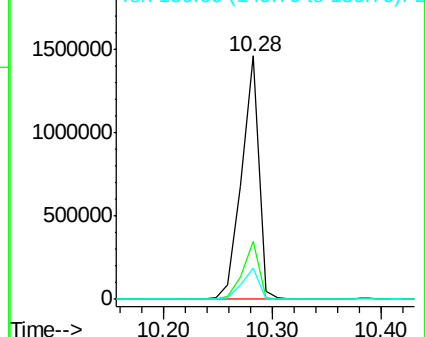
150 12.8 9.4 14.2



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: 46.93 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

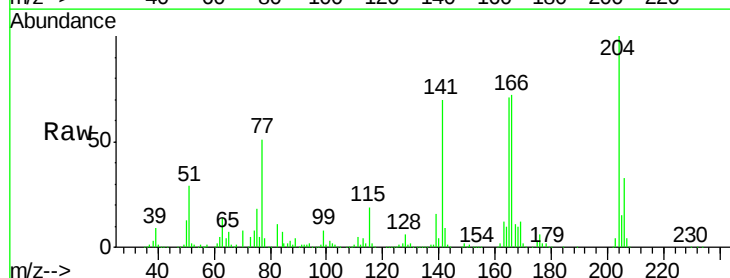
Tgt Ion:204 Resp: 607206

Ion Ratio Lower Upper

204 100

206 32.6 24.8 37.2

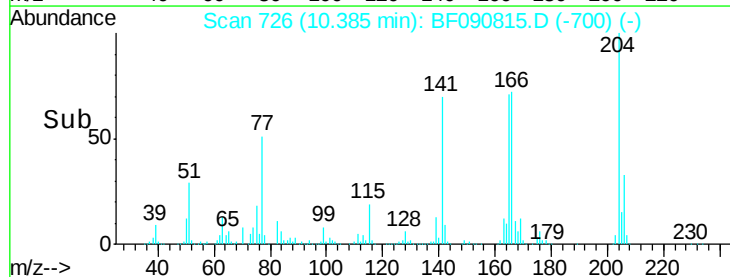
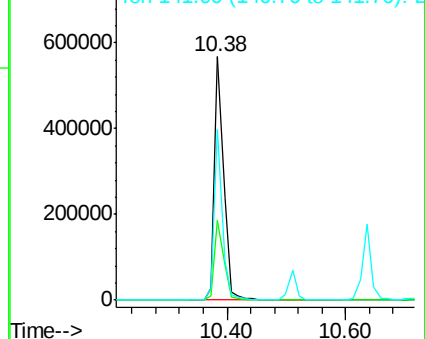
141 70.2 42.2 63.4#

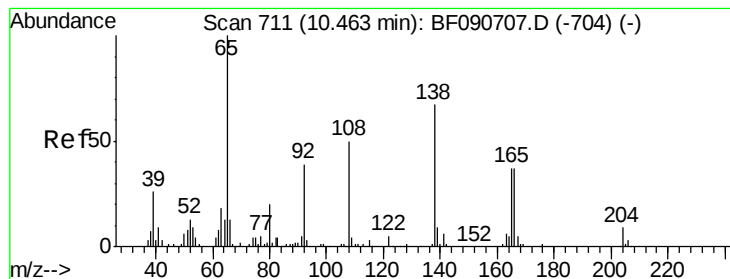


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.97 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

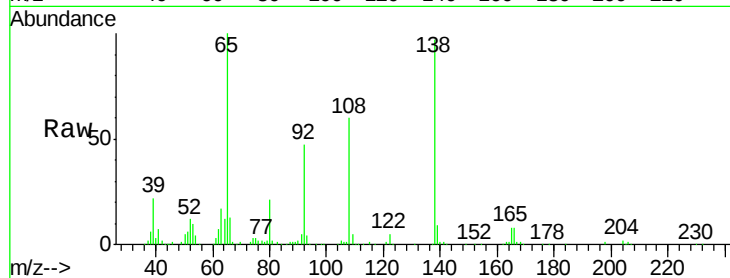
Tgt Ion:138 Resp: 337495

Ion Ratio Lower Upper

138 100

92 48.3 12.6 52.6

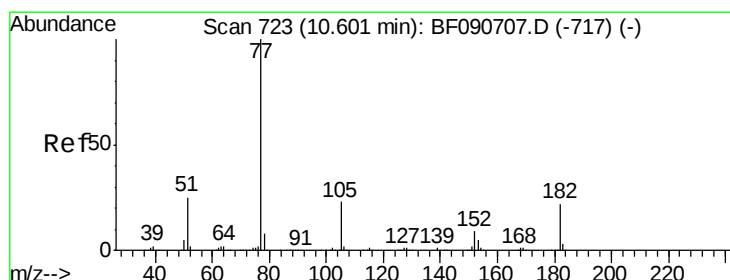
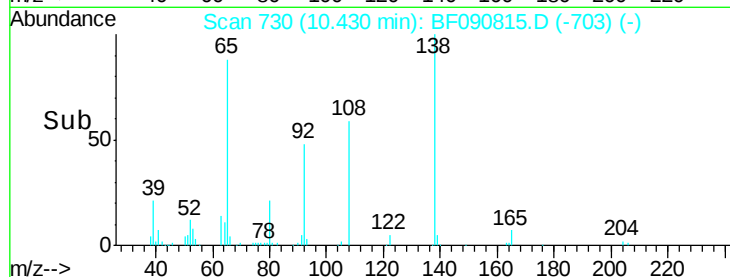
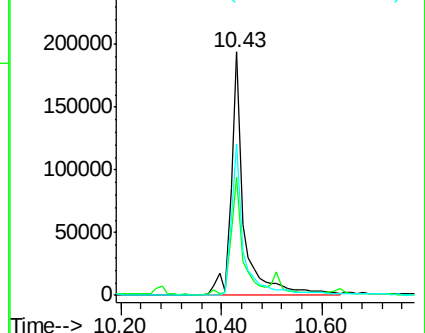
108 62.2 12.4 52.4#



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: 43.03 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Tgt Ion: 77 Resp: 1566642

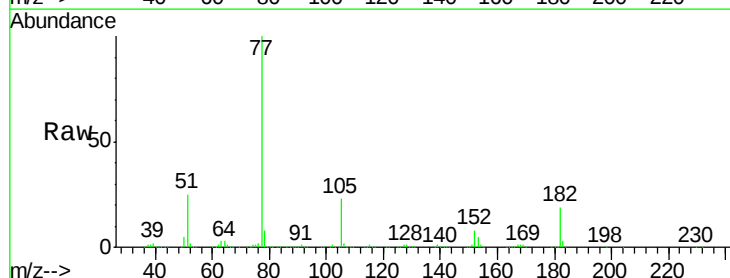
Ion Ratio Lower Upper

77 100

182 18.8 15.1 55.1

105 23.5 3.4 43.4

51 25.3 12.0 52.0

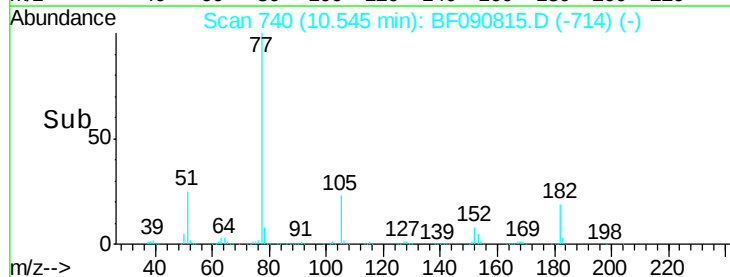
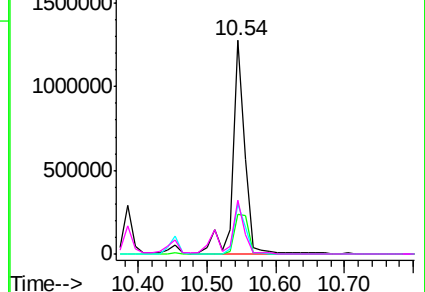


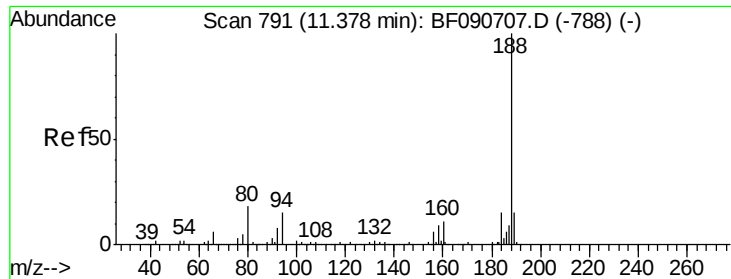
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

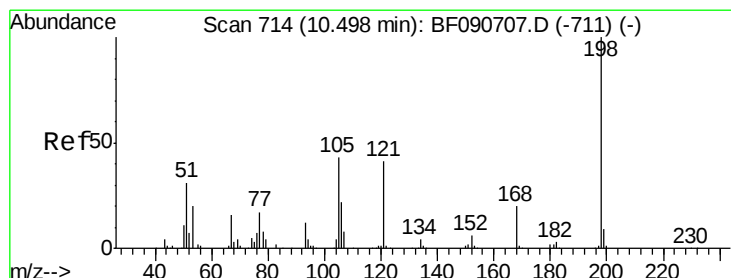
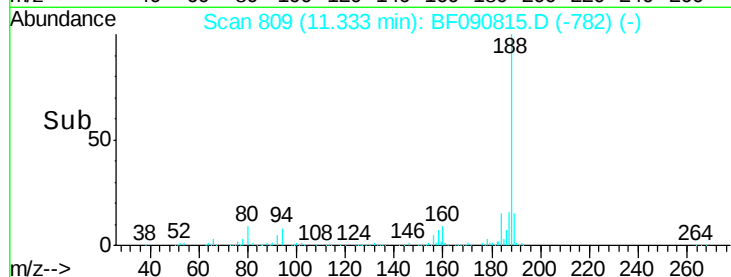
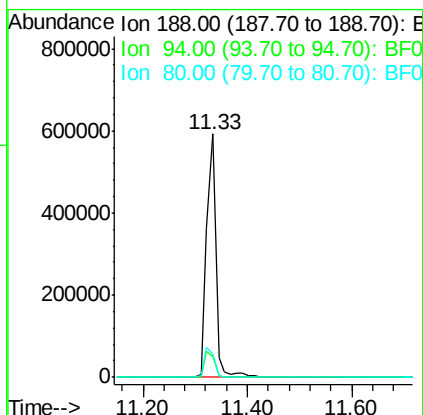
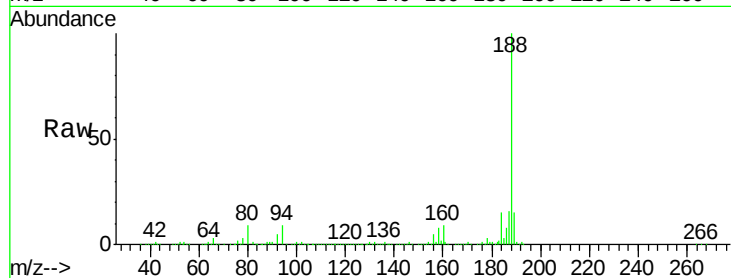




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

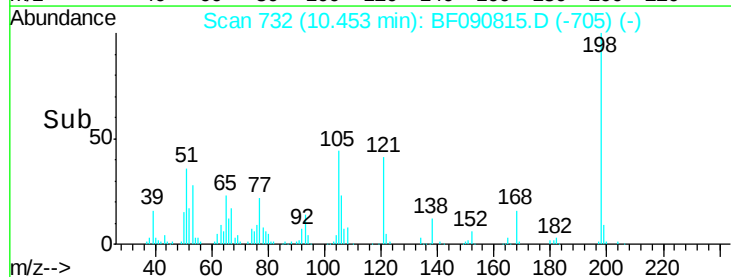
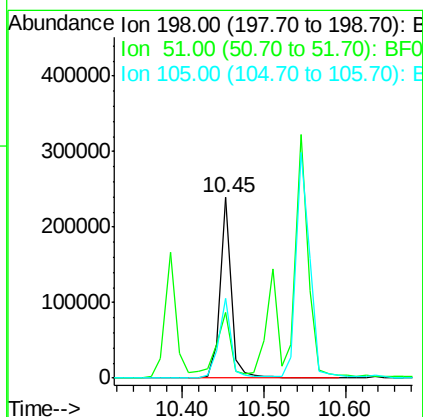
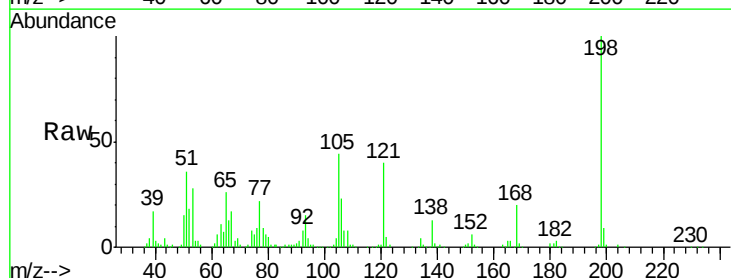
Instrument :
BNA_F
ClientSampleId :
PB94297BS

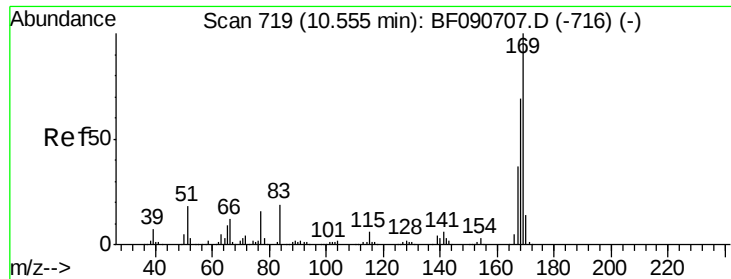
Tgt Ion:188 Resp: 736318
Ion Ratio Lower Upper
188 100
94 8.6 11.1 16.7#
80 9.4 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 48.08 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

Tgt Ion:198 Resp: 226007
Ion Ratio Lower Upper
198 100
51 36.4 39.6 79.6#
105 44.3 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 49.09 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

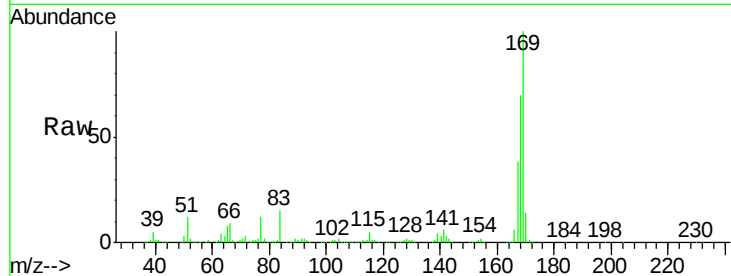
Tgt Ion:169 Resp: 1158035

Ion Ratio Lower Upper

169 100

168 69.6 48.9 73.3

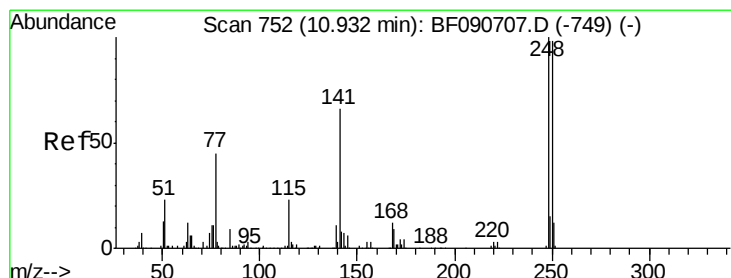
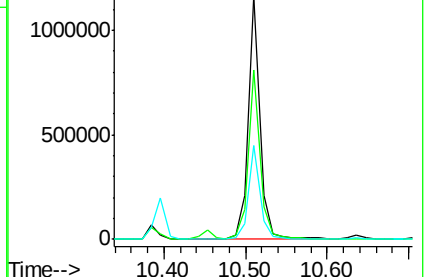
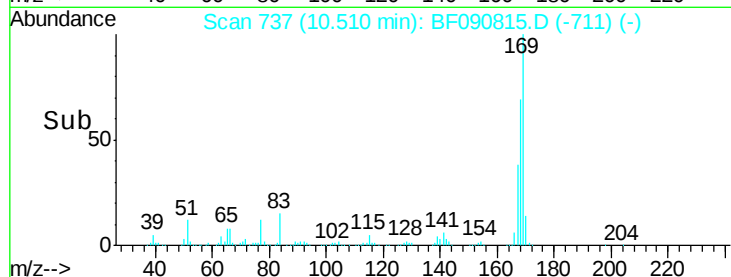
167 38.4 26.2 39.4



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: 55.54 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

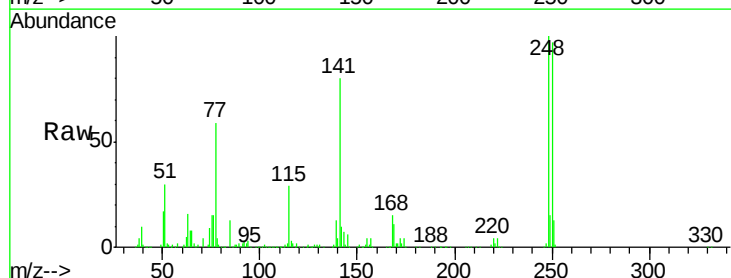
Tgt Ion:248 Resp: 396423

Ion Ratio Lower Upper

248 100

250 97.2 78.5 117.7

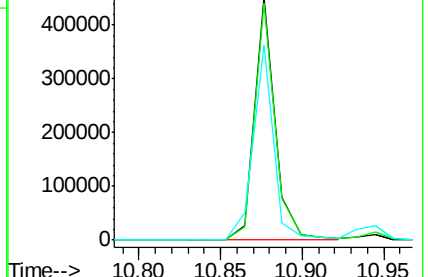
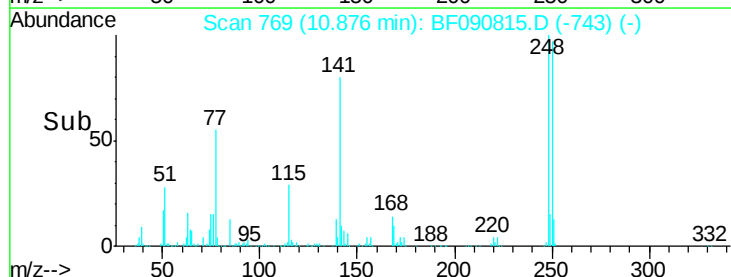
141 80.0 59.0 88.6

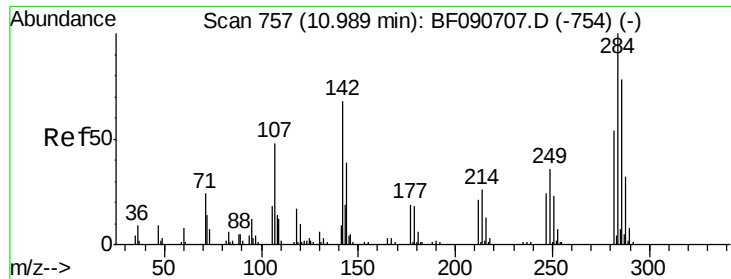


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 59.73 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

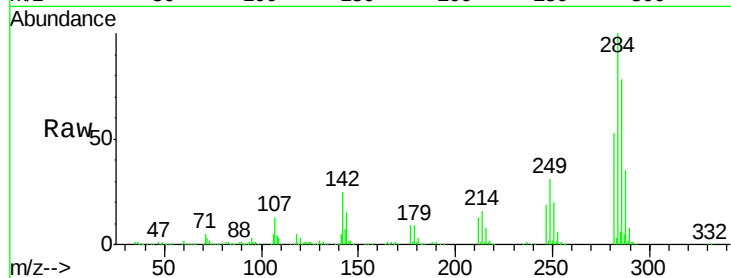
Tgt Ion:284 Resp: 503125

Ion Ratio Lower Upper

284 100

142 25.1 29.5 44.3#

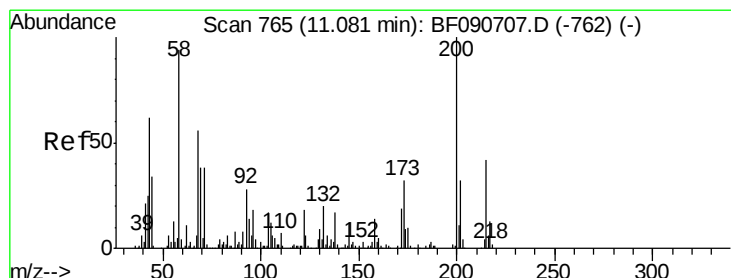
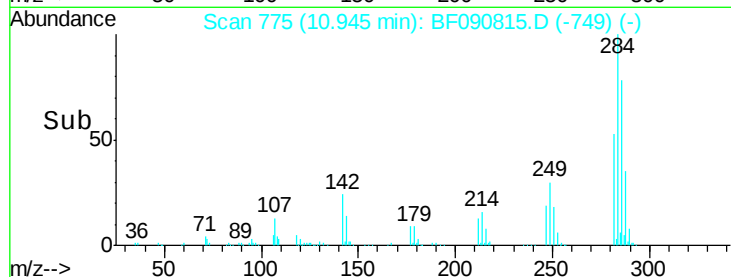
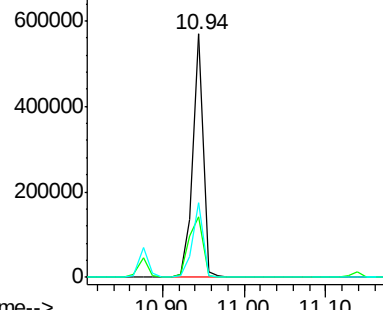
249 30.8 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 64.34 ng

RT: 11.05 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

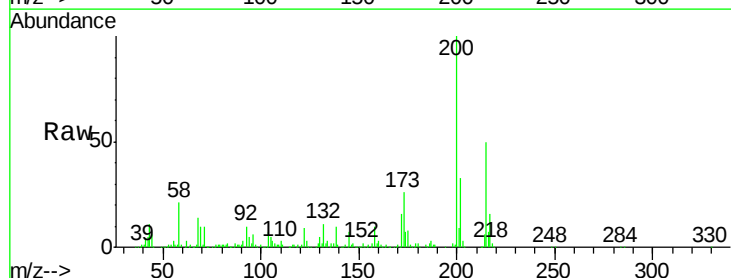
Tgt Ion:200 Resp: 418925

Ion Ratio Lower Upper

200 100

173 26.0 13.2 53.2

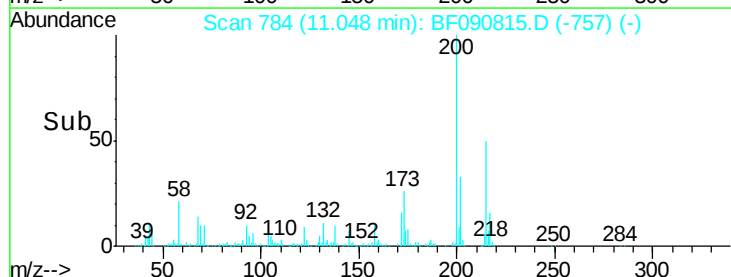
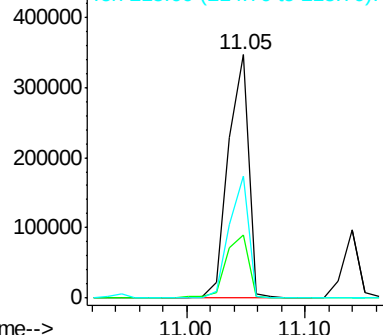
215 50.3 41.8 81.8

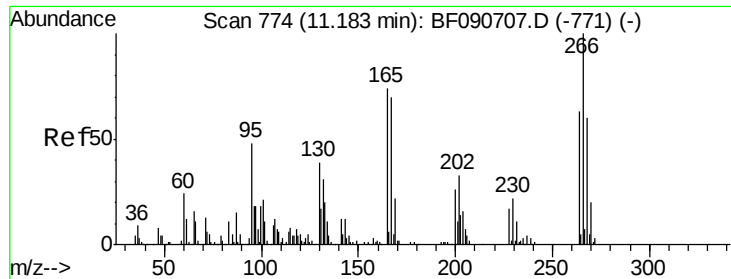


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

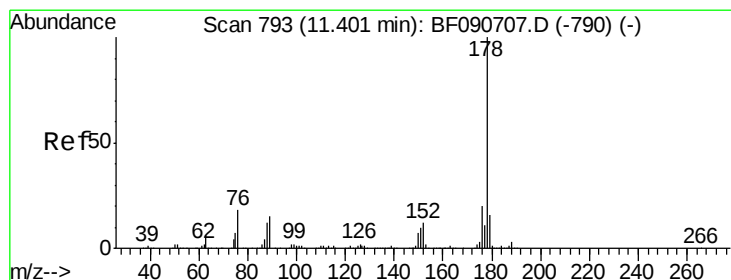
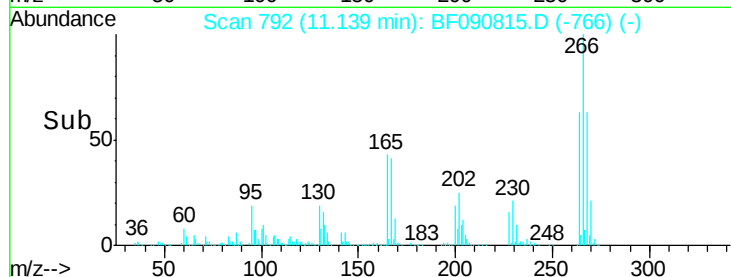
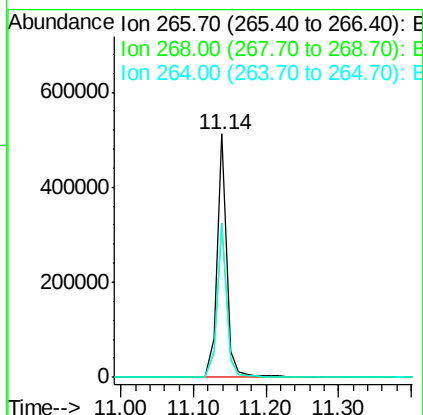
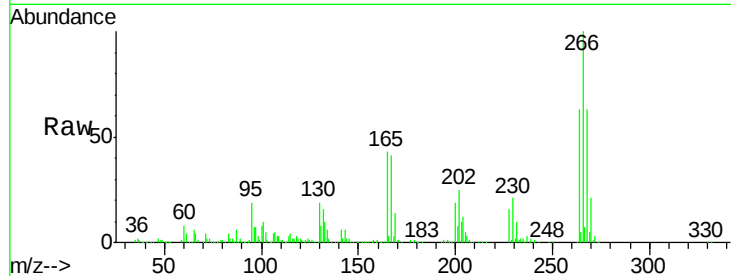




#69
 Pentachlorophenol
 Concen: 86.38 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

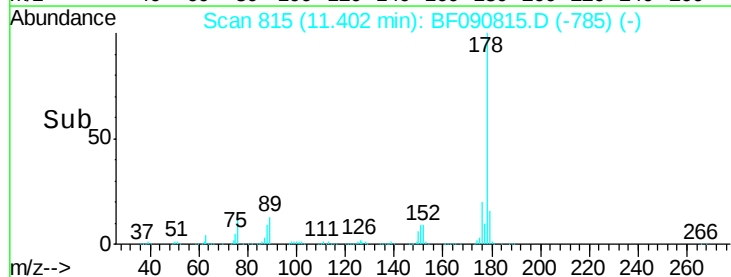
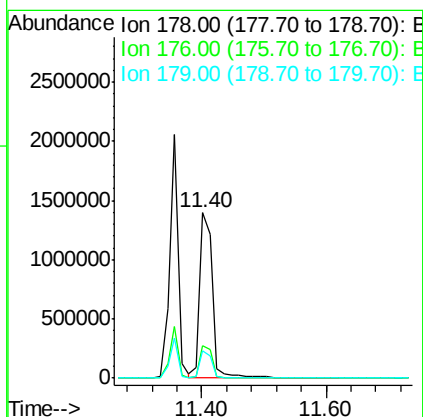
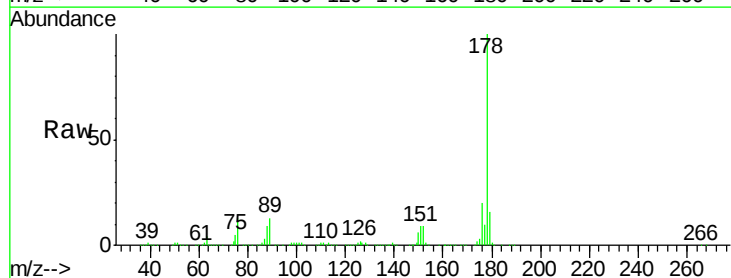
Instrument :
 BNA_F
 ClientSampleId :
 PB94297BS

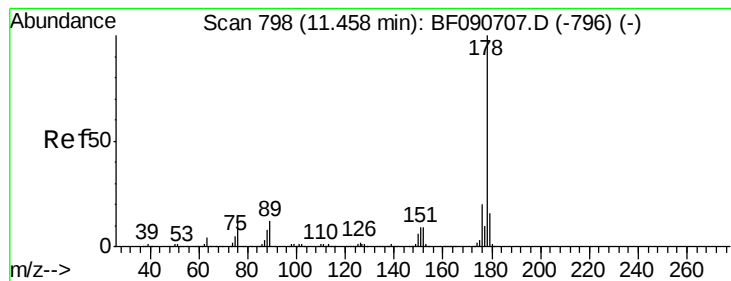
Tgt Ion:266 Resp: 473438
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.8 74.6
 264 63.4 50.2 75.2



#70
 Phenanthrene
 Concen: 53.47 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.05 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Tgt Ion:178 Resp: 2006761
 Ion Ratio Lower Upper
 178 100
 176 19.8 13.8 20.8
 179 16.4 12.2 18.2





#71

Anthracene

Concen: 48.49 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

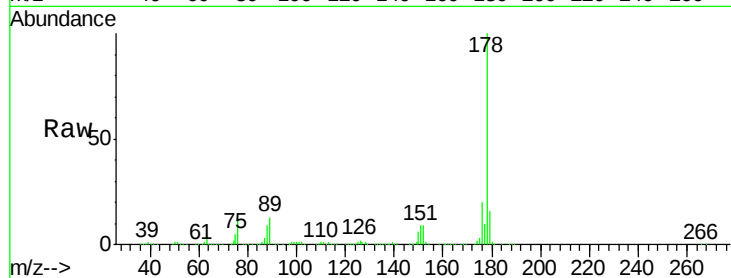
Tgt Ion:178 Resp: 2018200

Ion Ratio Lower Upper

178 100

176 19.8 14.1 21.1

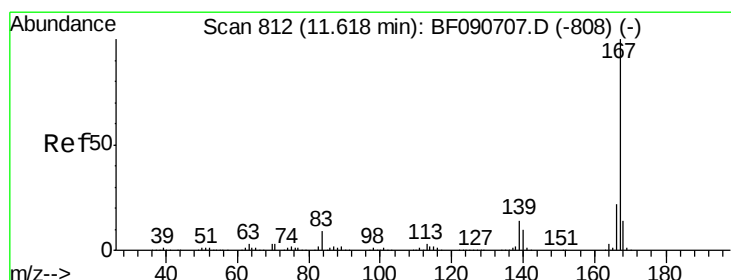
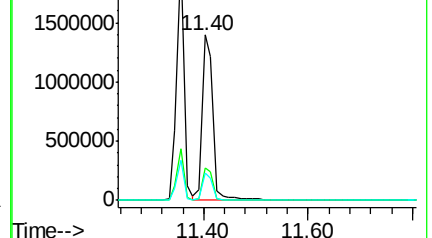
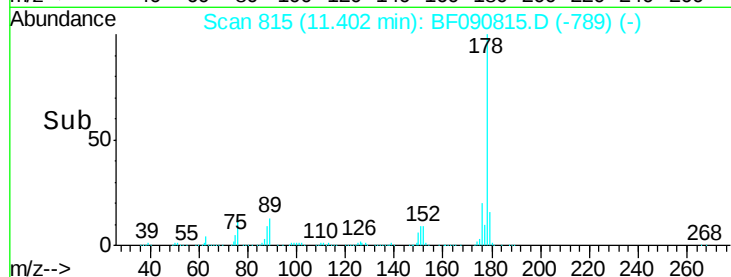
179 16.4 12.2 18.2



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: 48.69 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

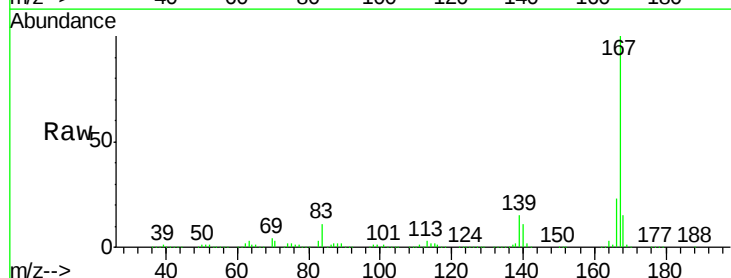
Tgt Ion:167 Resp: 1694472

Ion Ratio Lower Upper

167 100

166 22.7 15.7 23.5

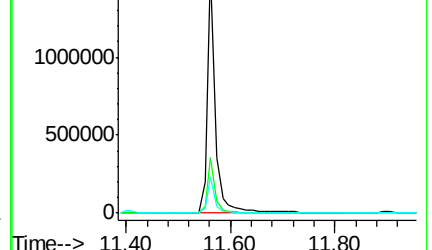
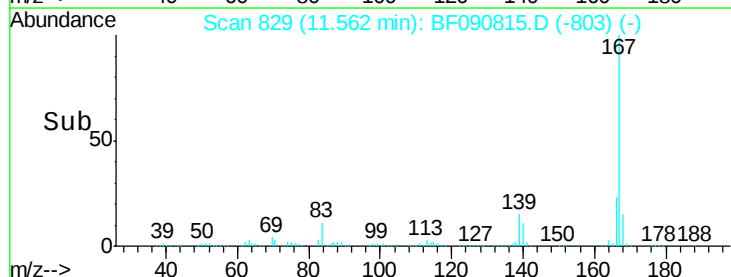
139 15.1 9.5 14.3#

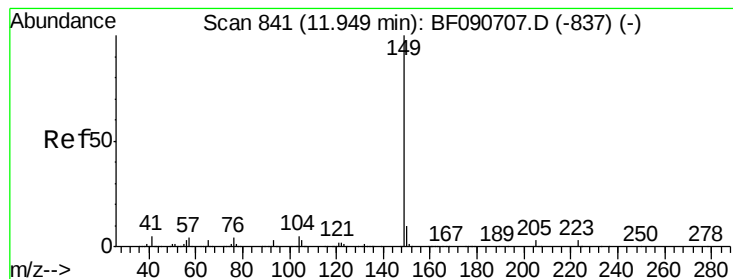


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.56 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

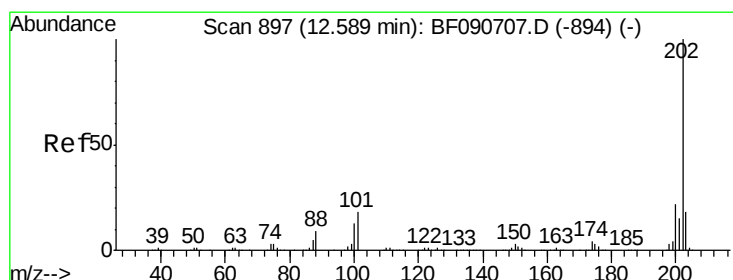
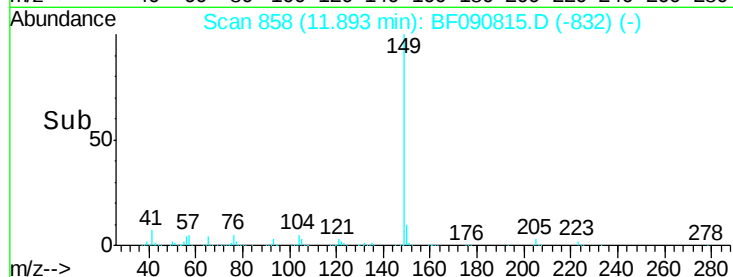
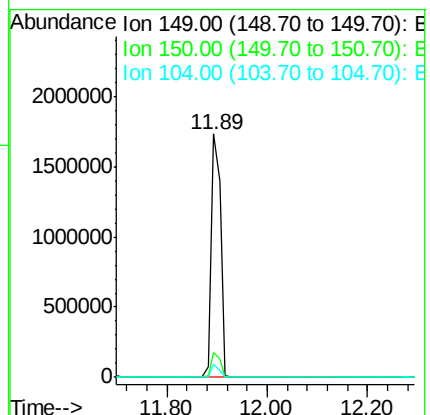
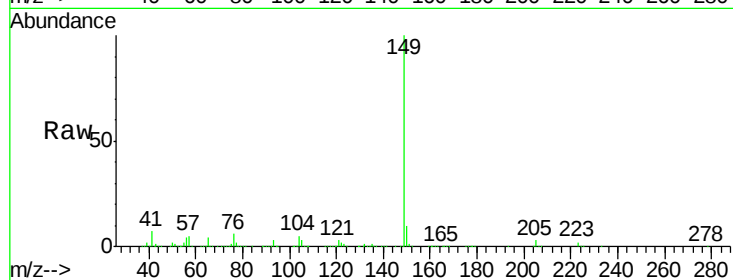
Tgt Ion:149 Resp: 2236922

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.2

104 5.4 2.4 3.6#



#74

Fluoranthene

Concen: 53.25 ng

RT: 12.54 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

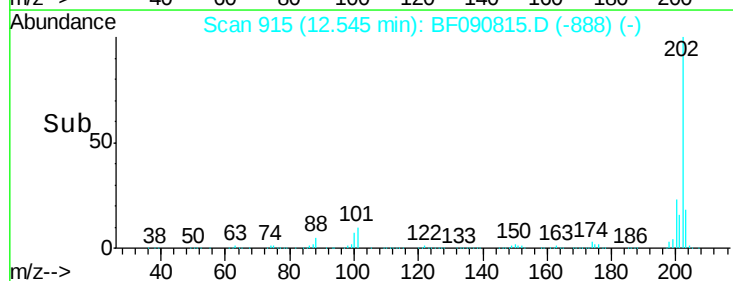
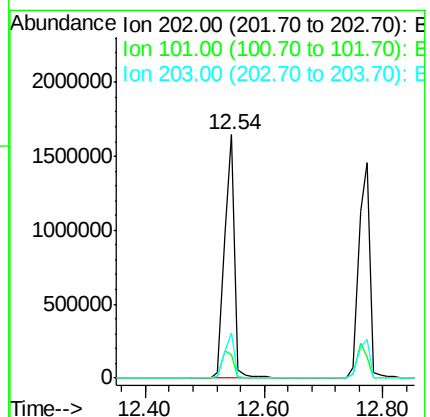
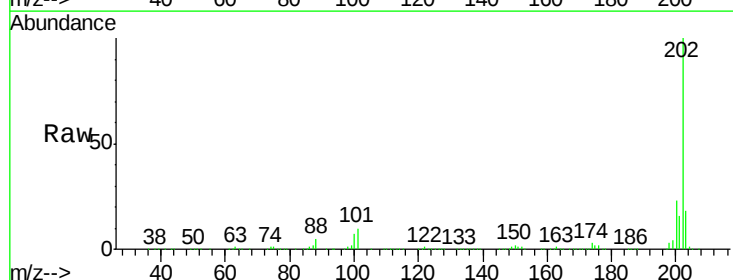
Tgt Ion:202 Resp: 1933275

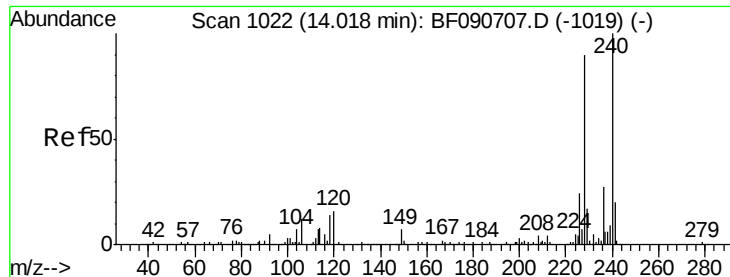
Ion Ratio Lower Upper

202 100

101 9.6 0.0 38.3

203 18.5 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

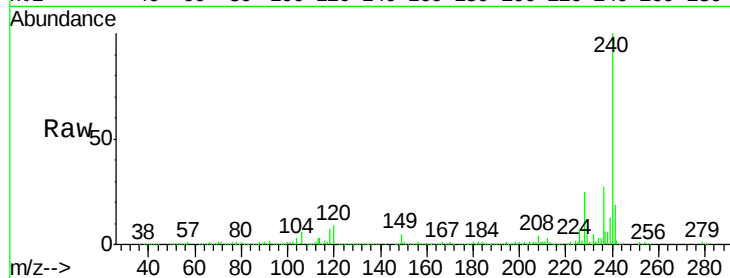
Tgt Ion:240 Resp: 493253

Ion Ratio Lower Upper

240 100

120 8.6 16.2 24.2#

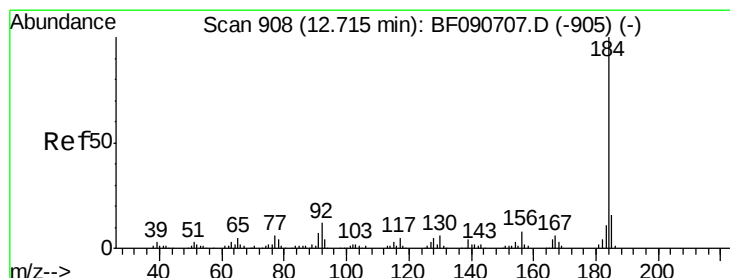
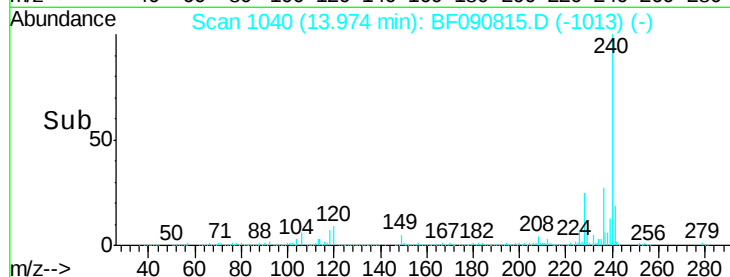
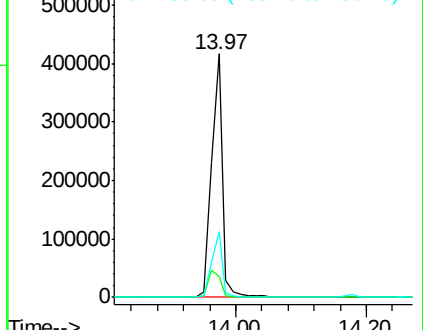
236 26.9 18.4 27.6



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: 30.63 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

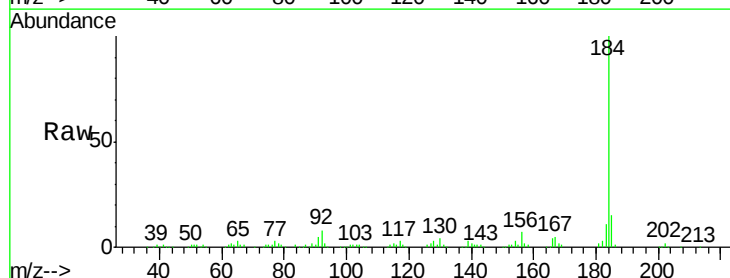
Tgt Ion:184 Resp: 335491

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

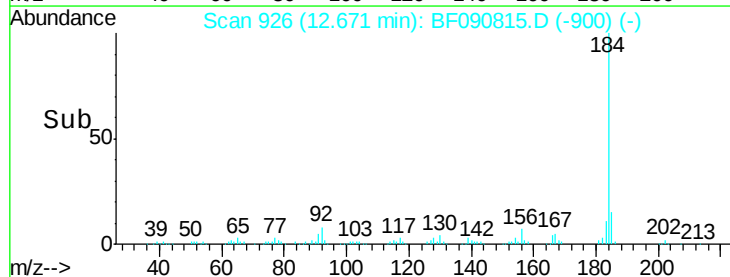
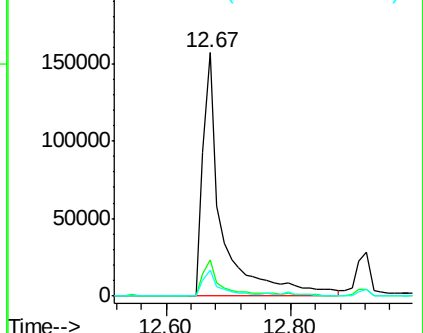
183 10.8 7.6 11.4

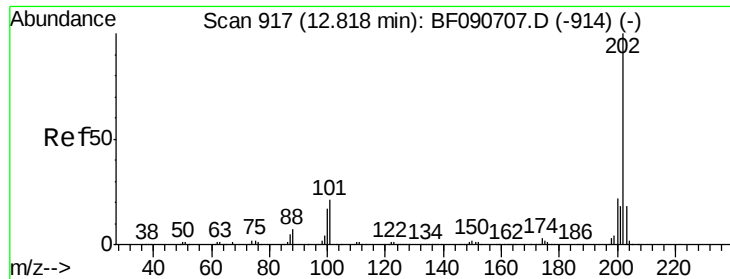


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 54.47 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

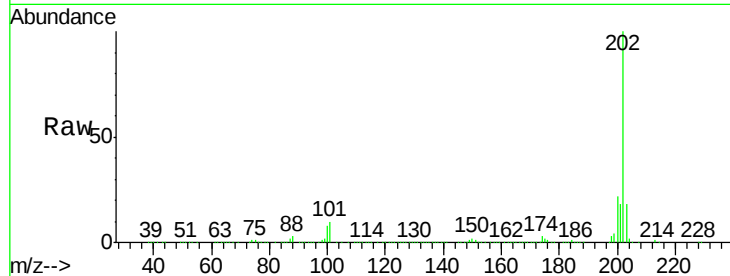
Tgt Ion:202 Resp: 1876579

Ion Ratio Lower Upper

202 100

200 22.3 15.0 22.4

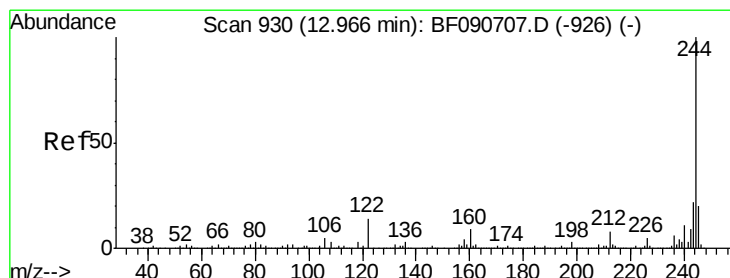
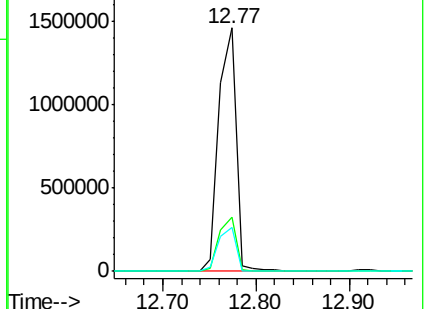
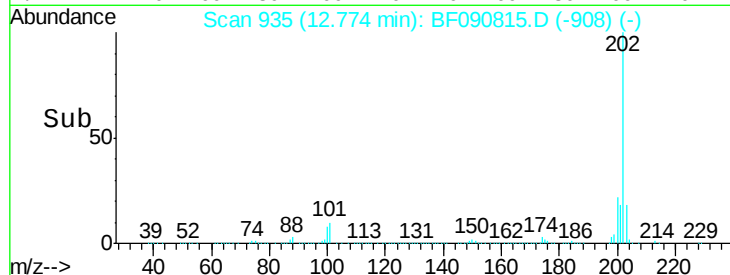
203 18.0 14.1 21.1



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: 121.11 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

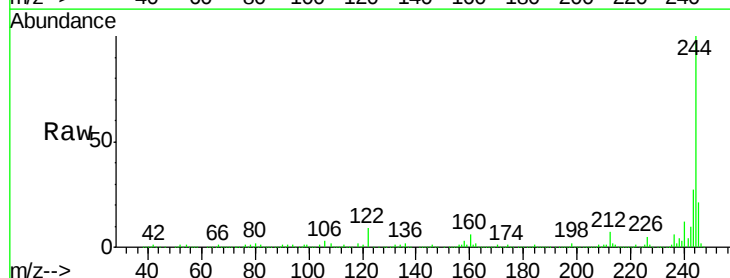
Tgt Ion:244 Resp: 2606468

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

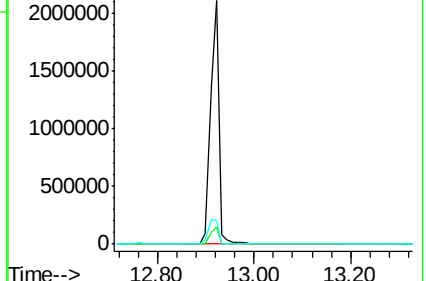
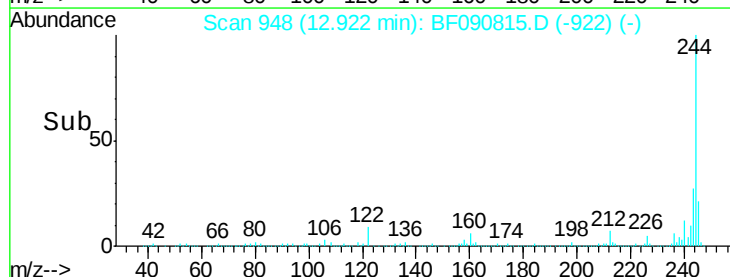
122 9.4 17.4 26.2#

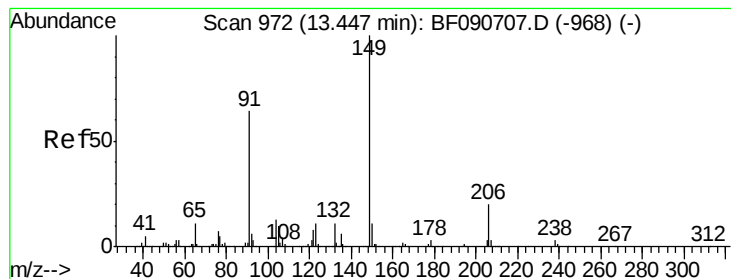


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 55.40 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

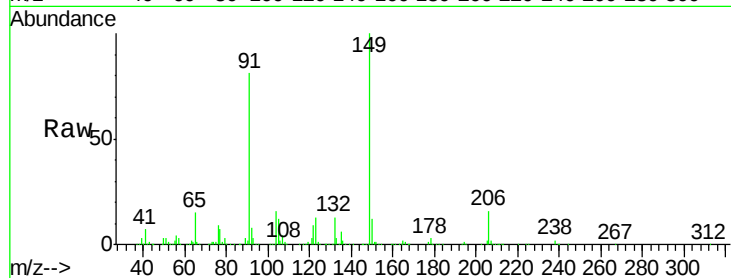
Tgt Ion:149 Resp: 877216

Ion Ratio Lower Upper

149 100

91 81.1 48.6 72.8#

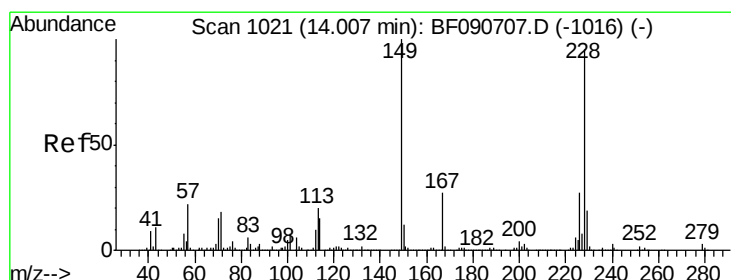
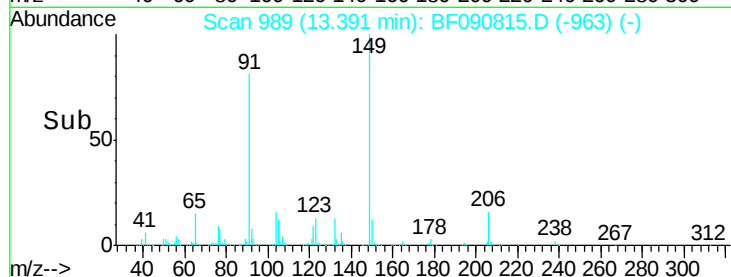
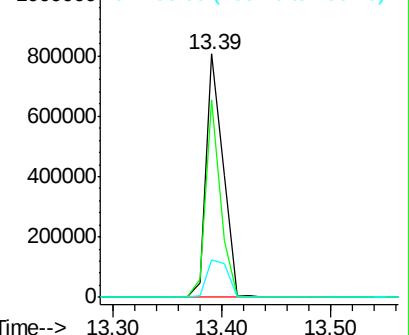
206 15.5 14.9 22.3



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: 50.14 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

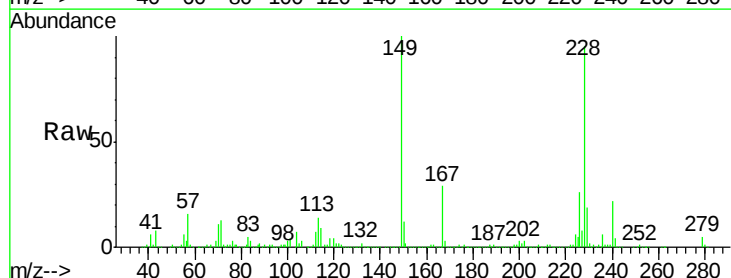
Tgt Ion:228 Resp: 1353468

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

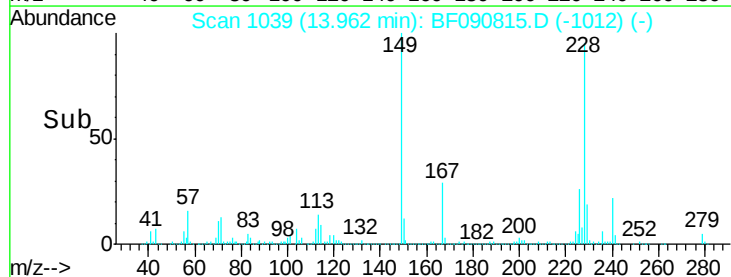
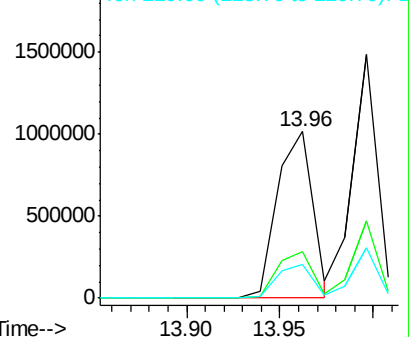
229 20.1 15.4 23.2



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

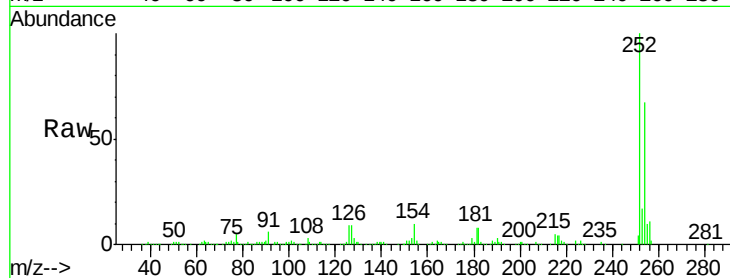




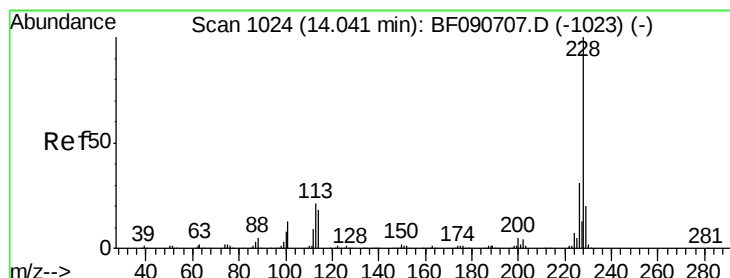
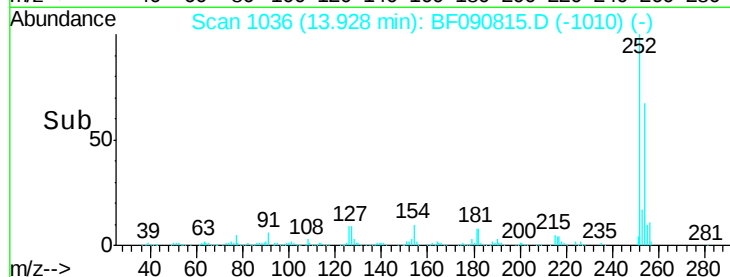
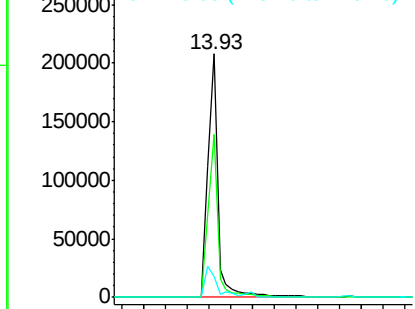
#81
 3,3'-Dichlorobenzidine
 Concen: 28.59 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Instrument :
 BNA_F
 ClientSampled :
 PB94297BS

Tgt Ion: 252 Resp: 267465
 Ion Ratio Lower Upper
 252 100
 254 67.1 51.4 77.2
 126 8.6 16.4 24.6#

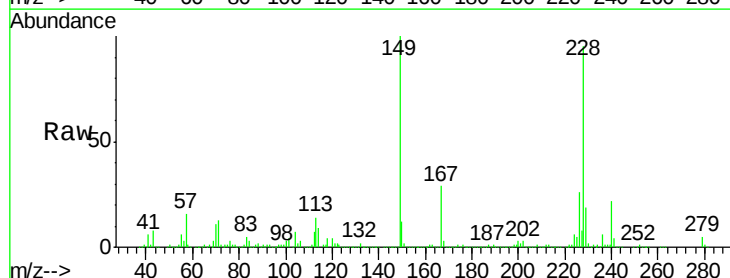


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

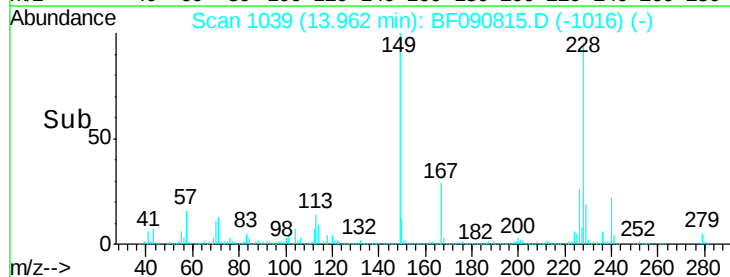
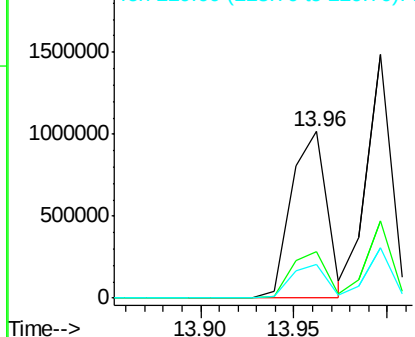


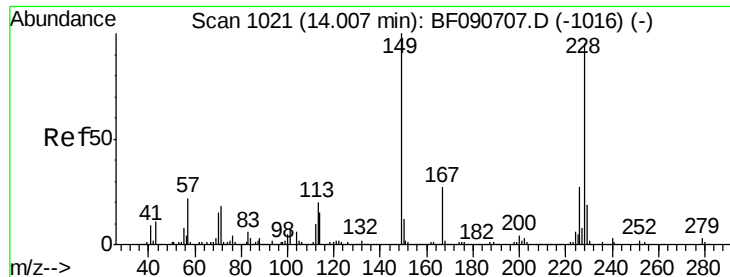
#82
 Chrysene
 Concen: 51.37 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Tgt Ion: 228 Resp: 1353468
 Ion Ratio Lower Upper
 228 100
 226 27.7 21.0 31.4
 229 20.1 15.6 23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.92 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

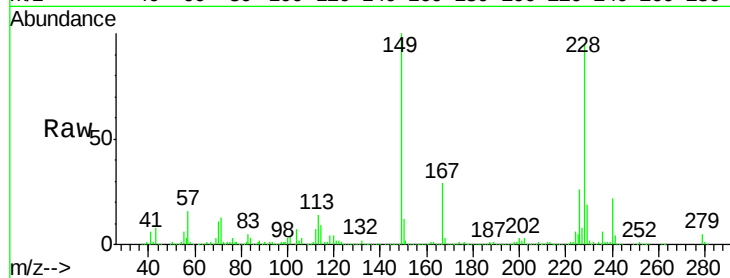
Tgt Ion:149 Resp: 1267013

Ion Ratio Lower Upper

149 100

167 29.0 24.2 36.2

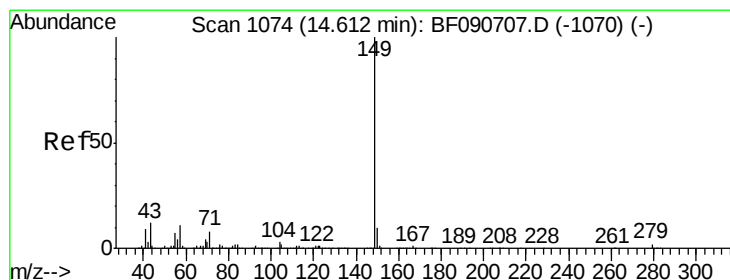
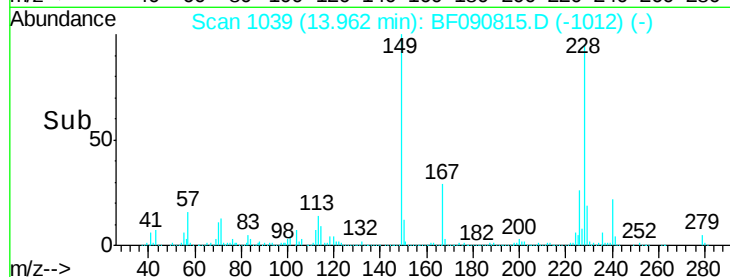
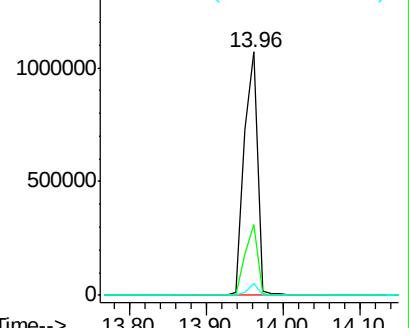
279 5.0 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.65 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

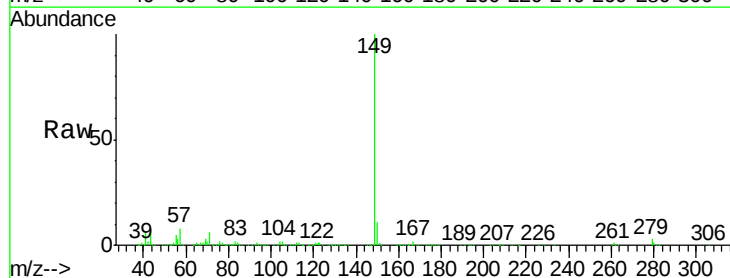
Tgt Ion:149 Resp: 1844875

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

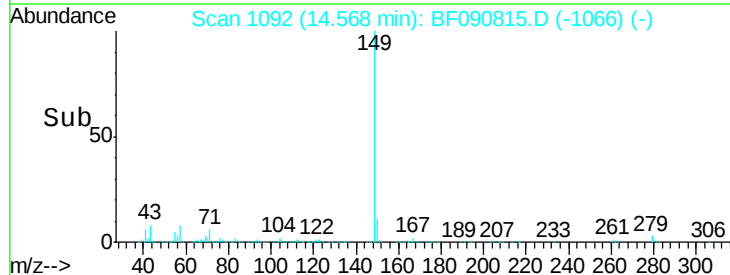
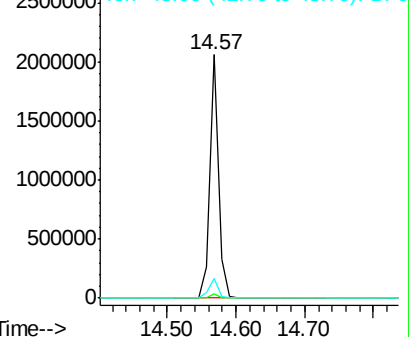
43 8.5 10.2 15.2#

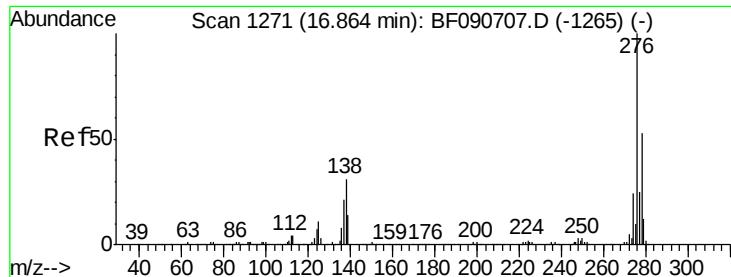


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

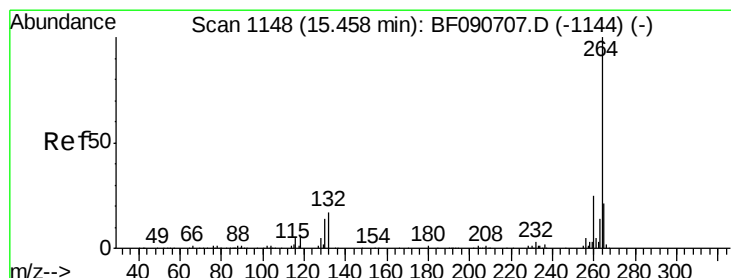
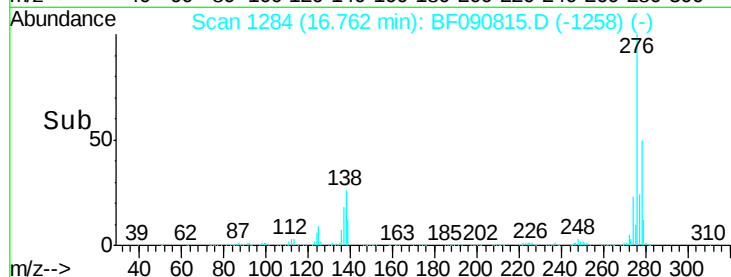
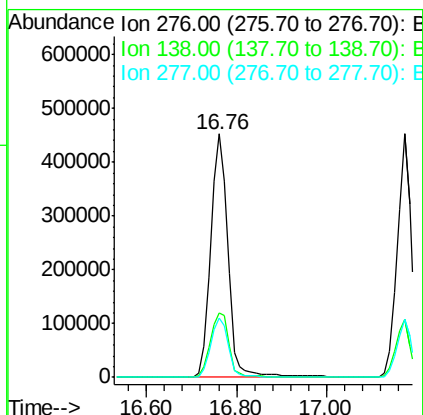
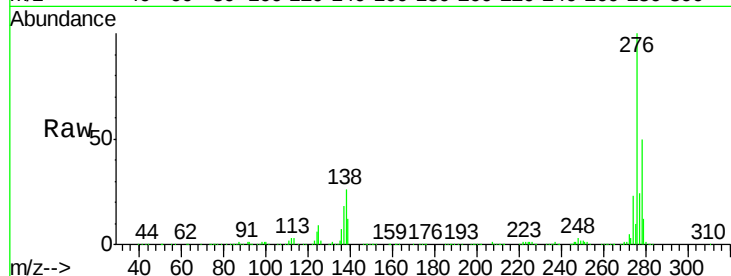




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.09 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

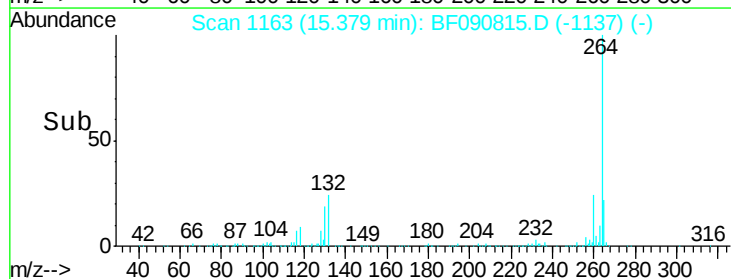
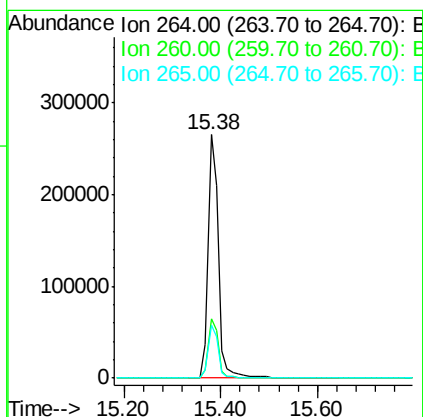
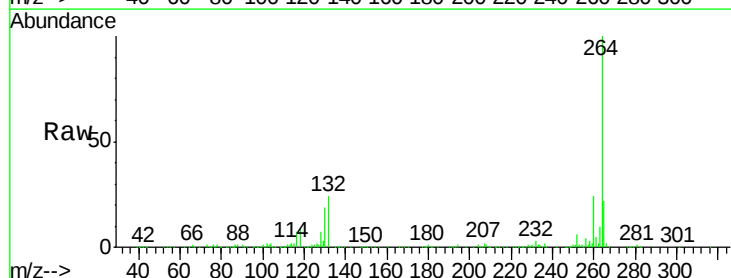
Instrument :
 BNA_F
 ClientSampleId :
 PB94297BS

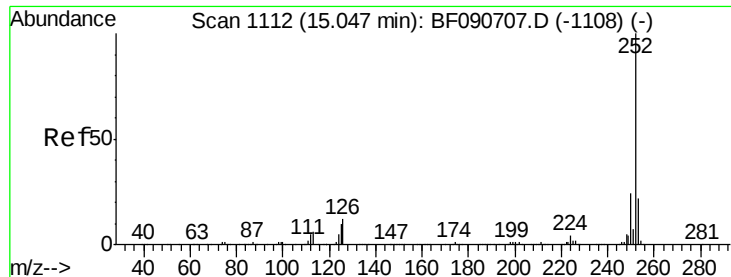
Tgt Ion: 276 Resp: 1220257
 Ion Ratio Lower Upper
 276 100
 138 29.0 25.7 38.5
 277 25.2 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF090815.D
 Acq: 25 Oct 2016 18:51

Tgt Ion: 264 Resp: 397929
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 21.7 17.2 25.8

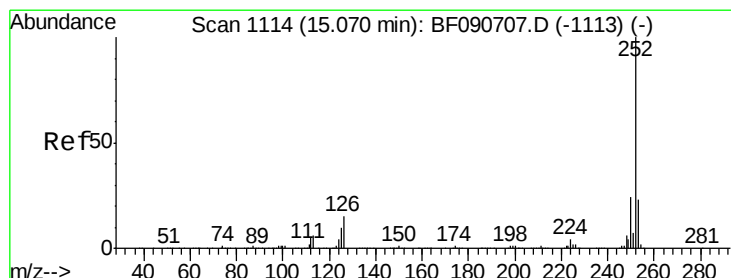
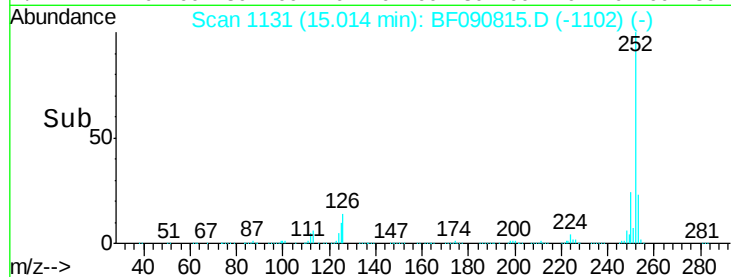
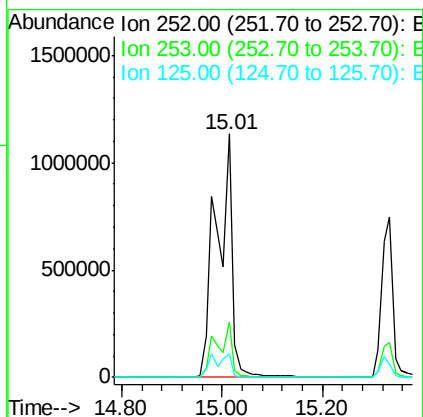
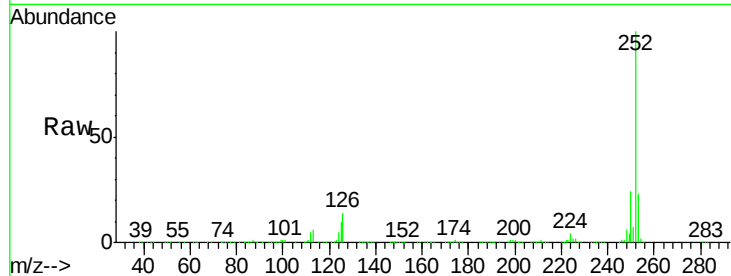




#87
Benzo(b)fluoranthene
Concen: 102.88 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.03 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

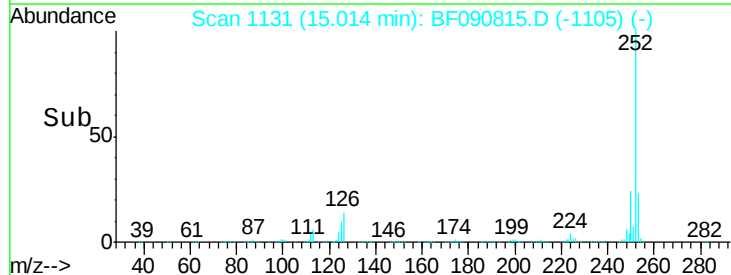
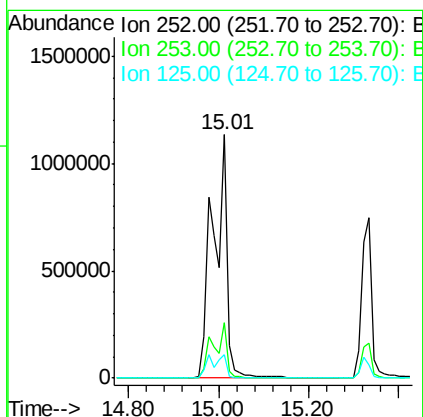
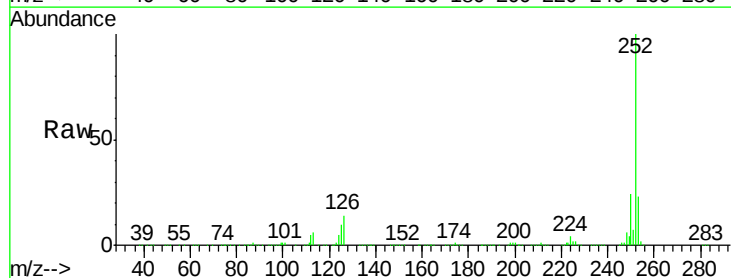
Instrument :
BNA_F
ClientSampleId :
PB94297BS

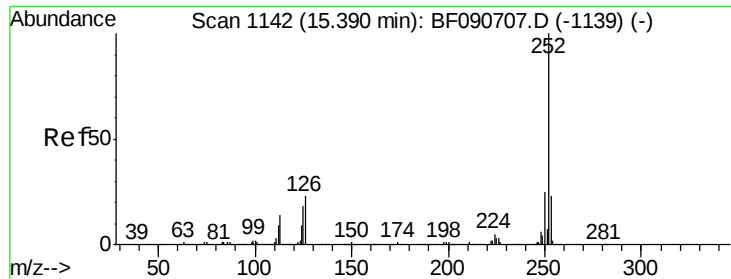
Tgt Ion:252 Resp: 2517407
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 9.9 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 102.55 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF090815.D
Acq: 25 Oct 2016 18:51

Tgt Ion:252 Resp: 2521632
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.4
125 9.9 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 50.63 ng

RT: 15.33 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS

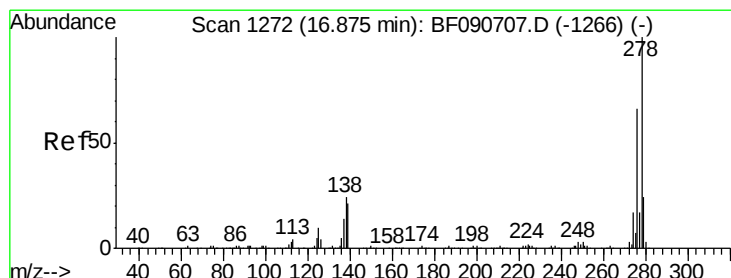
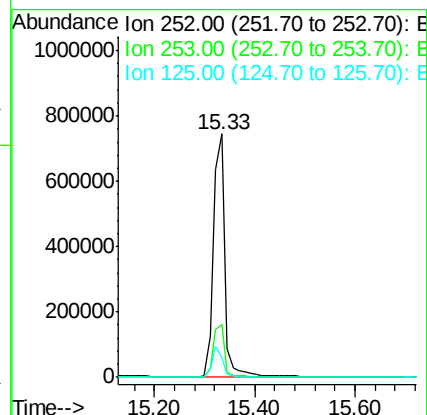
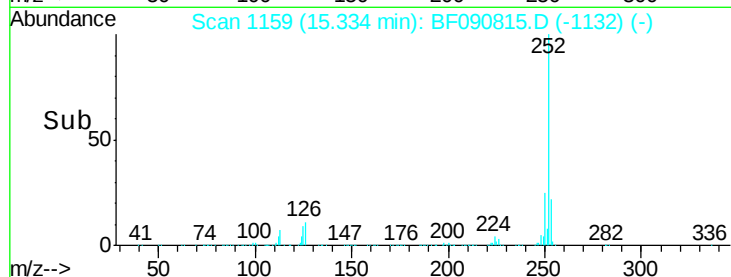
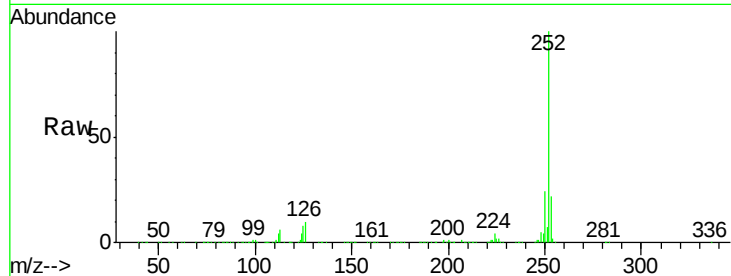
Tgt Ion:252 Resp: 1162356

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.3 18.0 27.0#



#90

Dibenzo(a,h)anthracene

Concen: 47.19 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF090815.D

Acq: 25 Oct 2016 18:51

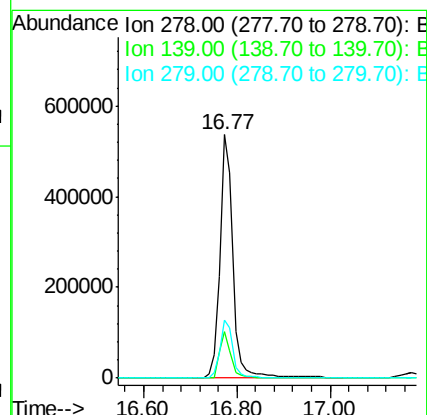
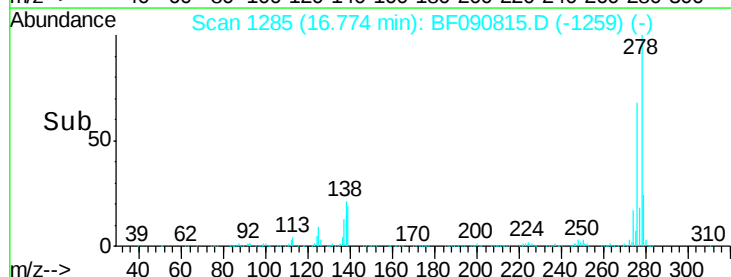
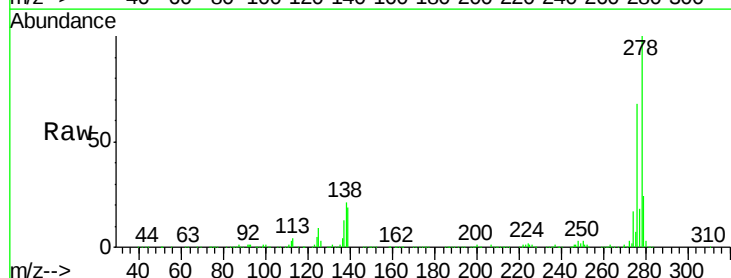
Tgt Ion:278 Resp: 1040229

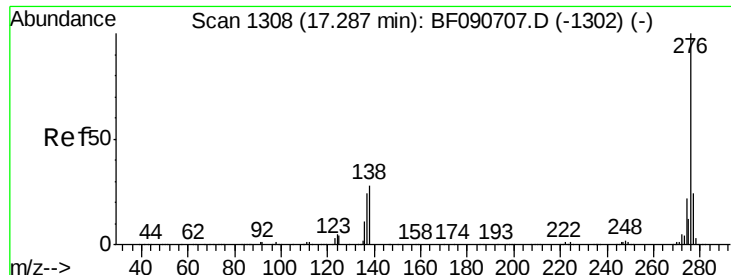
Ion Ratio Lower Upper

278 100

139 19.1 26.3 39.5#

279 24.1 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 46.44 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF090815.D

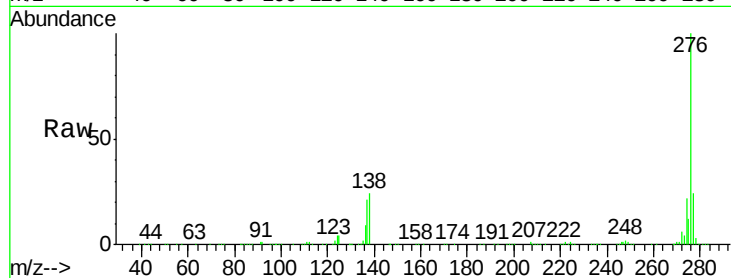
Acq: 25 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB94297BS



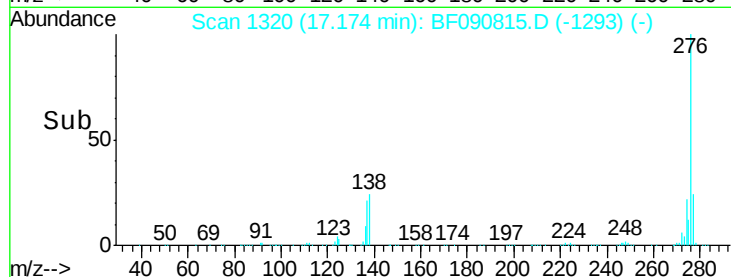
Tgt Ion: 276 Resp: 992967

Ion Ratio Lower Upper

276 100

277 23.9 17.8 26.6

138 23.8 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

