

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090671.D
 Acq On : 20 Oct 2016 2:59
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 20 06:34:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	201059	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	877926	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	430714	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	617168	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	446268	20.00	ng	-0.01
86) Perylene-d12	15.50	264	383365	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	992023	90.45	ng	-0.01
7) Phenol-d6	6.52	99	1398798	85.83	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1322100	83.66	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	249034	64.85	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1931027	73.87	ng	-0.01
78) Terphenyl-d14	13.00	244	1577103	82.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	261916	41.90	ng	99
3) Pyridine	3.22	79	633366	45.21	ng	95
4) n-Nitrosodimethylamine	3.17	42	240580	47.98	ng	96
6) Aniline	6.55	93	838433	42.57	ng	88
8) 2-Chlorophenol	6.67	128	581455	40.89	ng	99
9) Benzaldehyde	6.43	77	382218	36.89	ng	89
10) Phenol	6.54	94	757074	40.62	ng	# 75
11) bis(2-Chloroethyl)ether	6.62	93	632052	41.10	ng	97
12) 1,3-Dichlorobenzene	6.83	146	600844	42.37	ng	100
13) 1,4-Dichlorobenzene	6.91	146	600849	38.95	ng	99
14) 1,2-Dichlorobenzene	7.06	146	595127	41.27	ng	98
15) Benzyl Alcohol	7.03	79	529567	47.71	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	996427	46.04	ng	94
17) 2-Methylphenol	7.15	107	486081	43.86	ng	98
18) Hexachloroethane	7.40	117	241224	39.57	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	512785	45.89	ng	# 93
20) 3+4-Methylphenols	7.30	107	563567	41.95	ng	93
22) Acetophenone	7.30	105	758507	39.11	ng	# 97
24) Nitrobenzene	7.47	77	671349	41.39	ng	98
25) Isophorone	7.71	82	1165024	40.50	ng	99
26) 2-Nitrophenol	7.79	139	268209	36.45	ng	97
27) 2,4-Dimethylphenol	7.83	122	512585	41.98	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	699475	41.18	ng	100
29) 2,4-Dichlorophenol	8.04	162	395101	36.94	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	492461	39.31	ng	99
31) Naphthalene	8.20	128	1726983	38.62	ng	100
32) Benzoic acid	7.94	122	158375	21.12	ng	99
33) 4-Chloroaniline	8.25	127	672607	39.35	ng	100
34) Hexachlorobutadiene	8.31	225	260668	37.24	ng	99
35) Caprolactam	8.62	113	131793	44.15	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	464445	37.64	ng	99
37) 2-Methylnaphthalene	8.89	142	989230	37.66	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	479094	41.95	ng	99
40) Hexachlorocyclopentadiene	9.05	237	115538	20.71	ng	98

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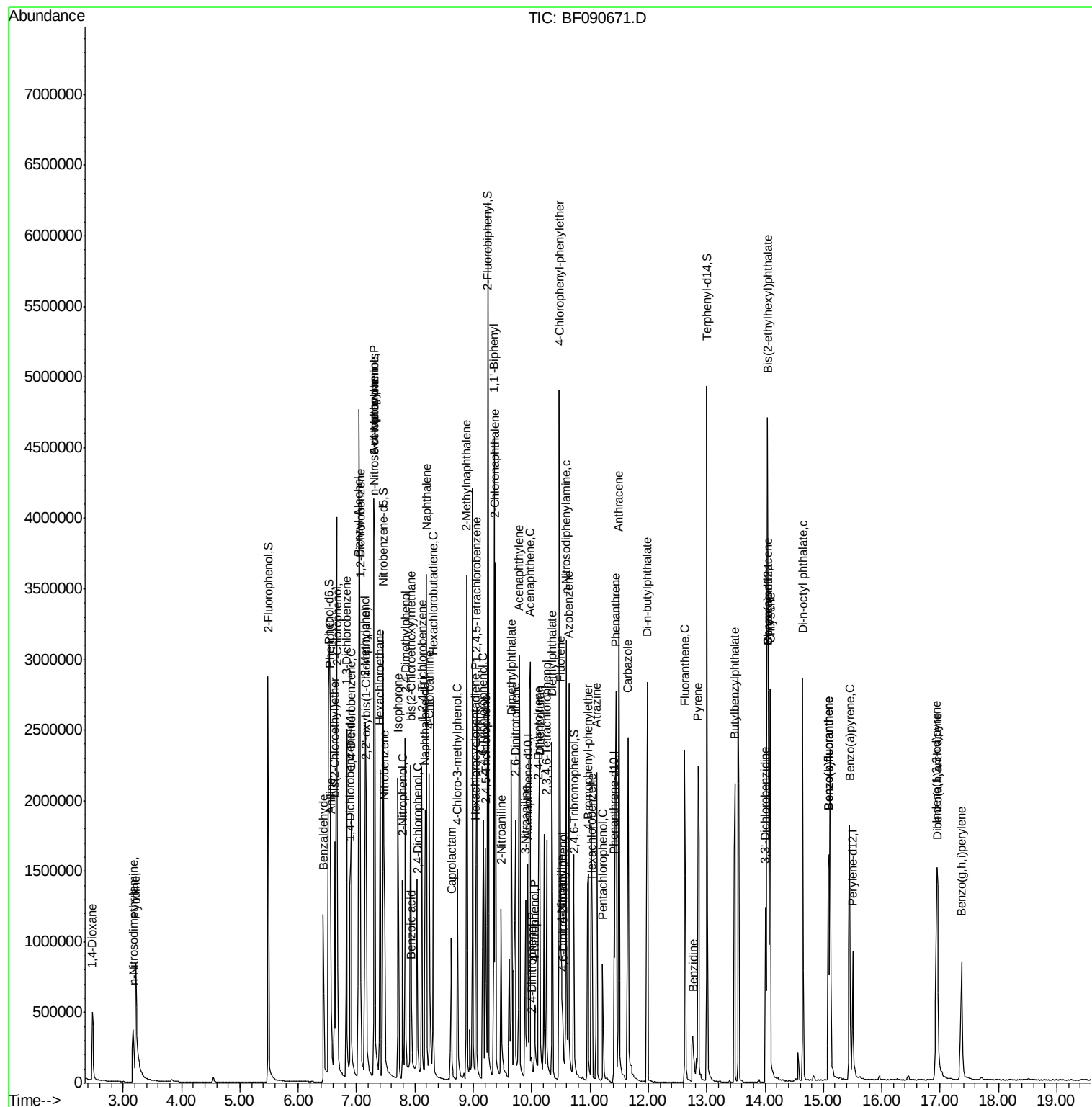
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	285425	44.31	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	263338	34.27	ng	93
45) 1,1'-Biphenyl	9.35	154	1367812	41.73	ng	100
46) 2-Chloronaphthalene	9.38	162	983983	40.26	ng	99
47) 2-Nitroaniline	9.48	65	385964	43.56	ng	91
48) Acenaphthylene	9.79	152	1519269	39.04	ng	100
49) Dimethylphthalate	9.65	163	1089356	38.98	ng	100
50) 2,6-Dinitrotoluene	9.72	165	261923	42.83	ng	94
51) Acenaphthene	9.97	154	979654	37.87	ng	100
52) 3-Nitroaniline	9.89	138	308443	40.20	ng	93
53) 2,4-Dinitrophenol	9.99	184	23640	12.29	ng	# 67
54) Dibenzofuran	10.14	168	1286086	37.80	ng	97
55) 4-Nitrophenol	10.05	139	114575	24.81	ng	96
56) 2,4-Dinitrotoluene	10.12	165	325623	39.20	ng	94
57) Fluorene	10.49	166	1076935	38.37	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	210627	32.91	ng	98
59) Diethylphthalate	10.35	149	1124160	39.66	ng	99
60) 4-Chlorophenyl-phenylether	10.47	204	536723	40.57	ng	100
61) 4-Nitroaniline	10.51	138	284768	37.01	ng	97
62) Azobenzene	10.63	77	1412079	43.07	ng	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	45410	12.16	ng	86
65) n-Nitrosodiphenylamine	10.59	169	843991	41.40	ng	98
66) 4-Bromophenyl-phenylether	10.97	248	259733	39.22	ng	99
67) Hexachlorobenzene	11.03	284	291084	40.49	ng	# 61
68) Atrazine	11.11	200	213508	37.87	ng	99
69) Pentachlorophenol	11.22	266	96096	26.97	ng	96
70) Phenanthrene	11.45	178	1388797	42.15	ng	100
71) Anthracene	11.49	178	1399434	39.47	ng	99
72) Carbazole	11.65	167	1274450	40.15	ng	99
73) Di-n-butylphthalate	11.98	149	1755475	47.21	ng	99
74) Fluoranthene	12.62	202	1191260	35.95	ng	90
76) Benzidine	12.76	184	298474	26.88	ng	98
77) Pyrene	12.85	202	1199402	40.58	ng	100
79) Butylbenzylphthalate	13.48	149	661461	50.51	ng	96
80) Benzo(a)anthracene	14.05	228	1026400	40.40	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	322732	37.18	ng	# 95
82) Chrysene	14.09	228	1109837	45.34	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	949557	53.75	ng	100
84) Di-n-octyl phthalate	14.65	149	1309715	55.29	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.94	276	885338	62.55	ng	98
87) Benzo(b)fluoranthene	15.09	252	1019625	40.64	ng	# 95
88) Benzo(k)fluoranthene	15.09	252	1019625	37.78	ng	# 97
89) Benzo(a)pyrene	15.45	252	901193	39.24	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	785055	44.82	ng	99
91) Benzo(g,h,i)perylene	17.37	276	676173	40.49	ng	95

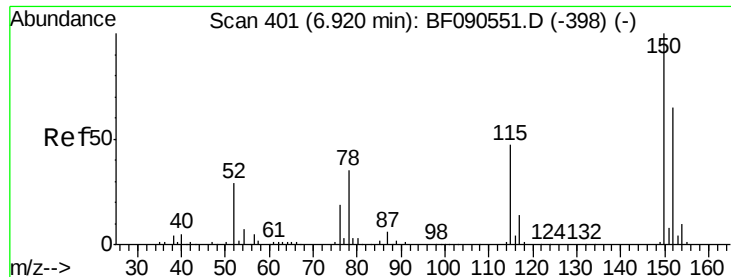
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

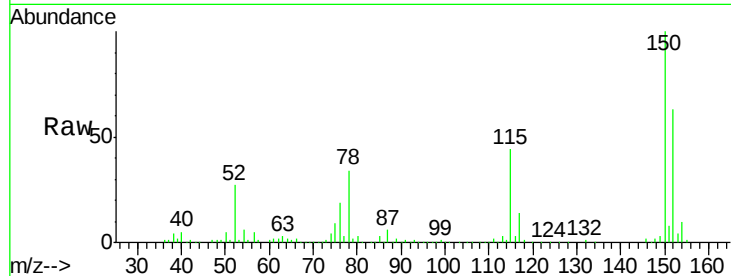
Tgt Ion:152 Resp: 201059

Ion Ratio Lower Upper

152 100

150 158.1 127.2 190.8

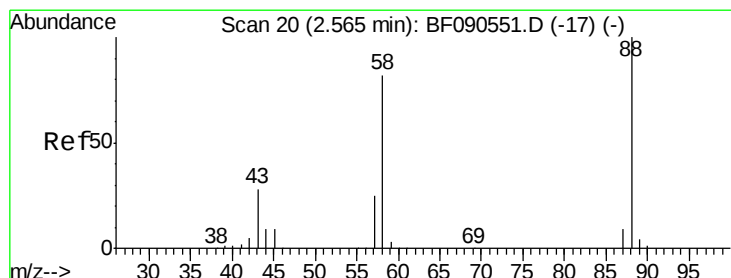
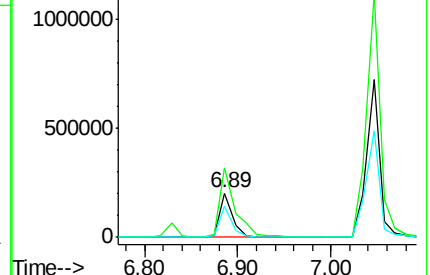
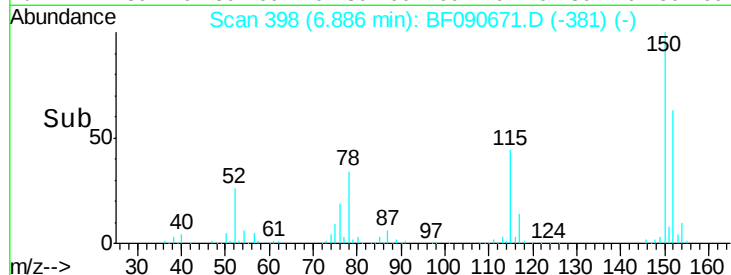
115 69.2 58.6 88.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.90 ng

RT: 2.47 min Scan# 12

Delta R.T. -0.05 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

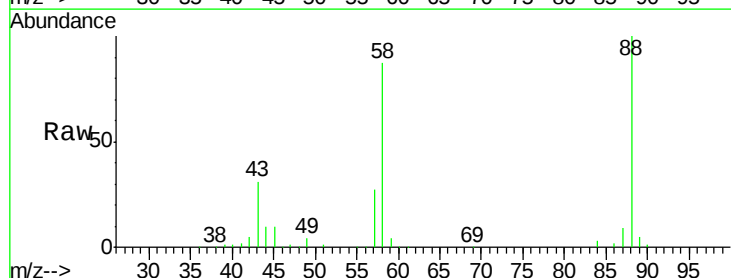
Tgt Ion: 88 Resp: 261916

Ion Ratio Lower Upper

88 100

58 84.5 67.2 100.8

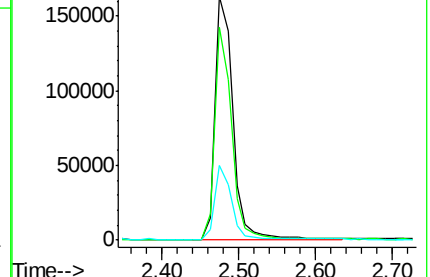
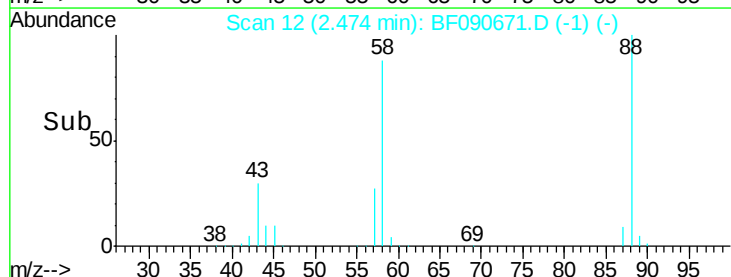
43 28.6 24.1 36.1

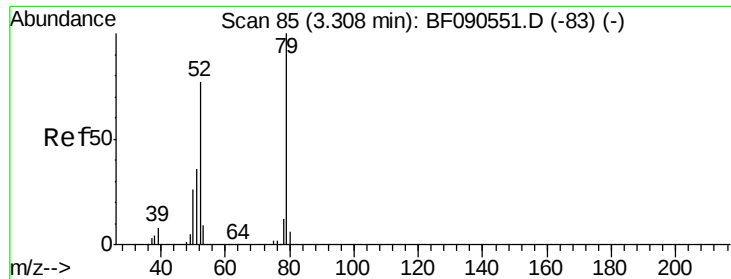


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 45.21 ng

RT: 3.22 min Scan# 77

Delta R.T. -0.03 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

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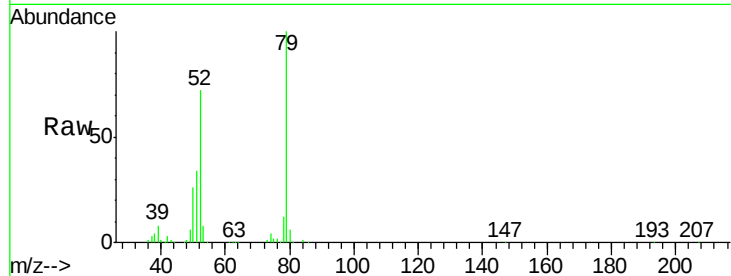
Tgt Ion: 79 Resp: 633366

Ion Ratio Lower Upper

79 100

52 72.4 61.8 92.8

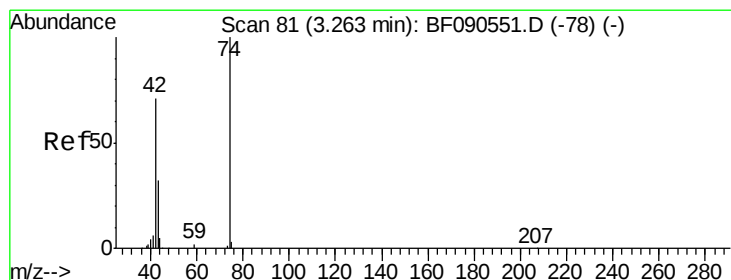
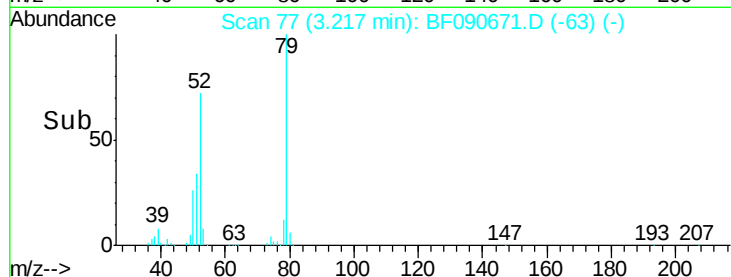
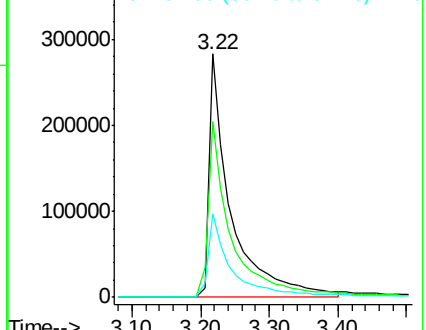
51 34.5 29.2 43.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 47.98 ng

RT: 3.17 min Scan# 73

Delta R.T. -0.05 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

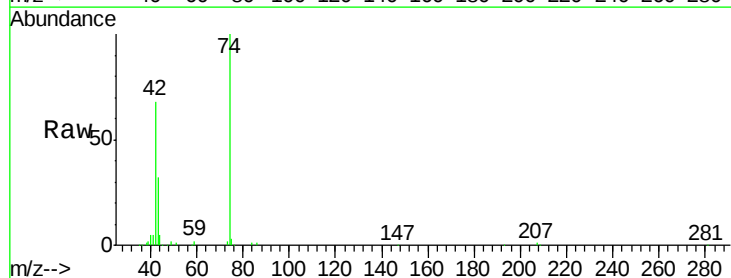
Tgt Ion: 42 Resp: 240580

Ion Ratio Lower Upper

42 100

74 146.6 113.3 169.9

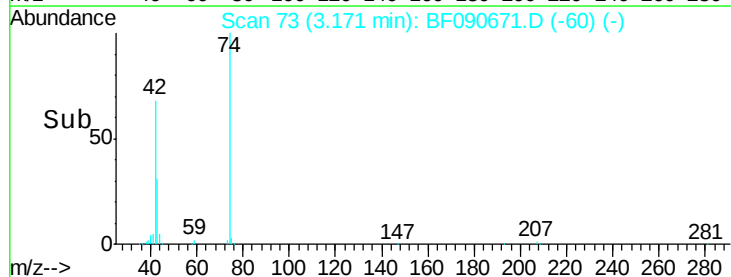
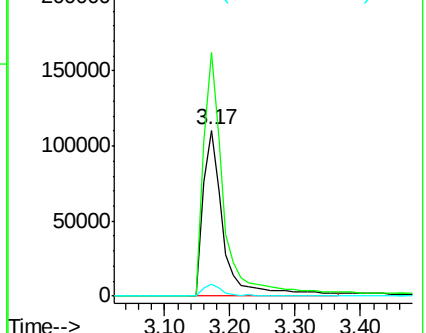
44 7.2 6.0 9.0

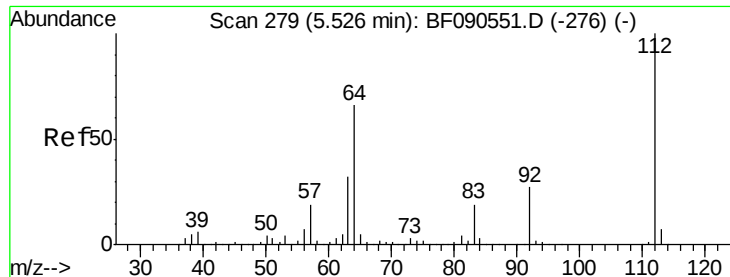


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 90.45 ng

RT: 5.48 min Scan# 275

Delta R.T. -0.01 min

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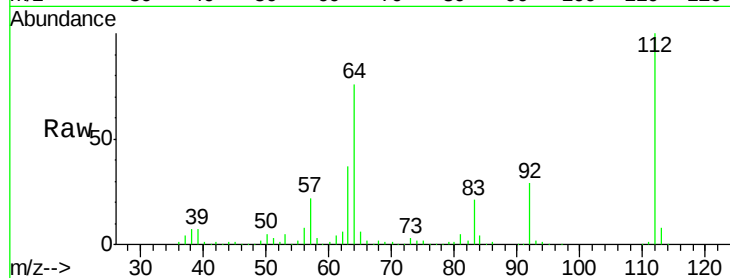
Tgt Ion: 112 Resp: 992023

Ion Ratio Lower Upper

112 100

64 75.5 52.6 78.8

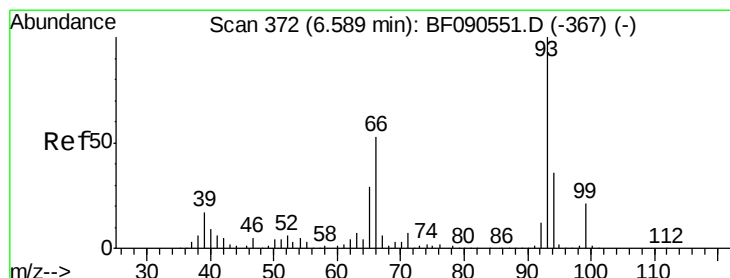
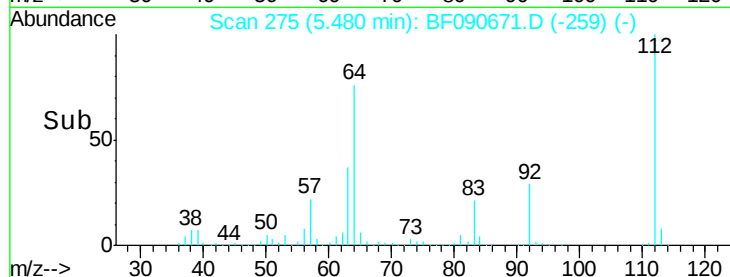
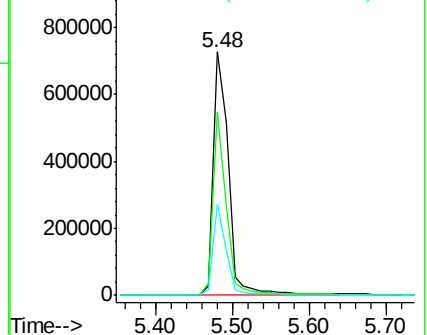
63 37.4 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.57 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF090671.D

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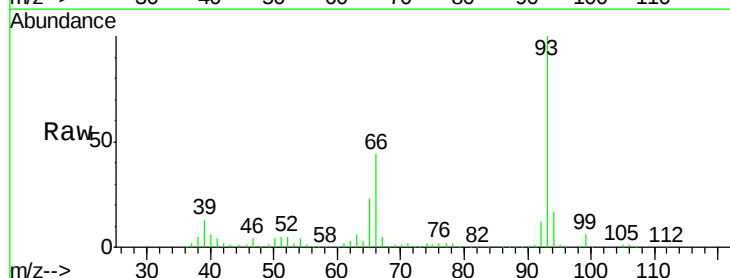
Tgt Ion: 93 Resp: 838433

Ion Ratio Lower Upper

93 100

66 44.0 42.2 63.2

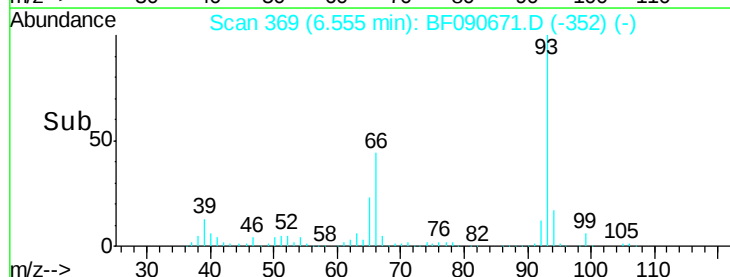
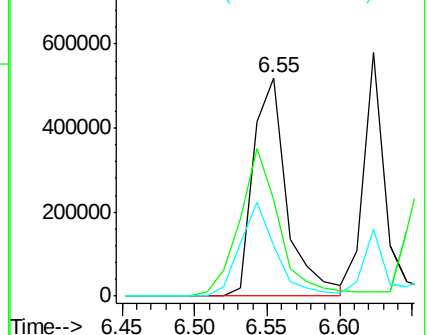
65 23.0 22.9 34.3

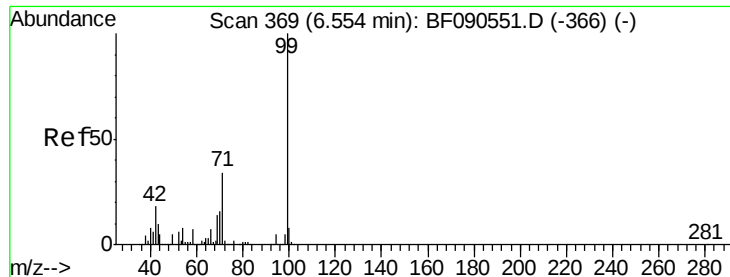


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.83 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

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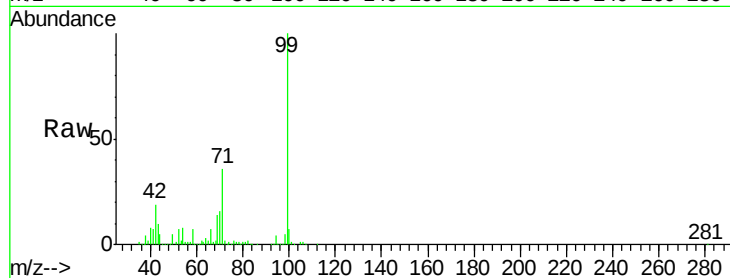
Tgt Ion: 99 Resp: 1398798

Ion Ratio Lower Upper

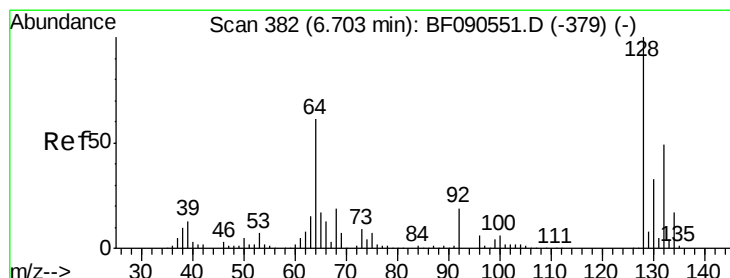
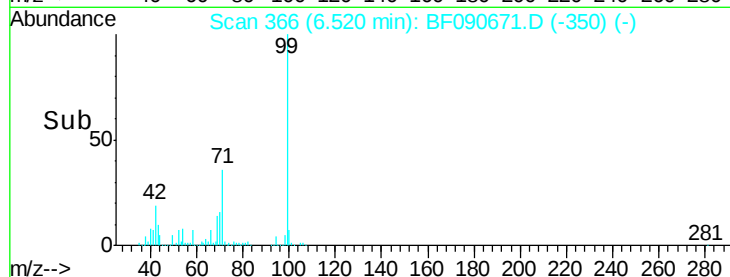
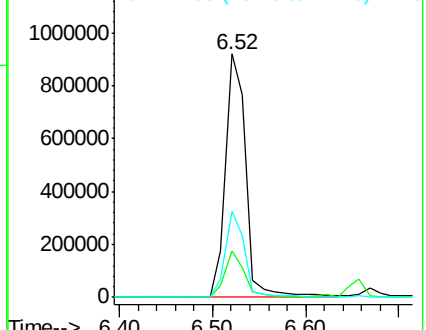
99 100

42 18.9 14.7 22.1

71 35.6 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.89 ng

RT: 6.67 min Scan# 379

Delta R.T. -0.01 min

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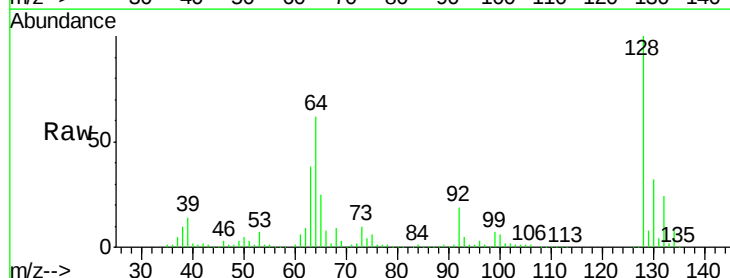
Tgt Ion: 128 Resp: 581455

Ion Ratio Lower Upper

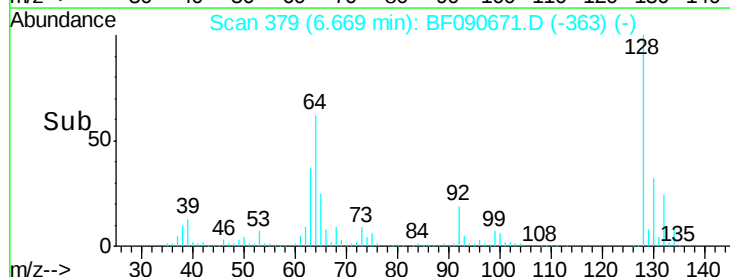
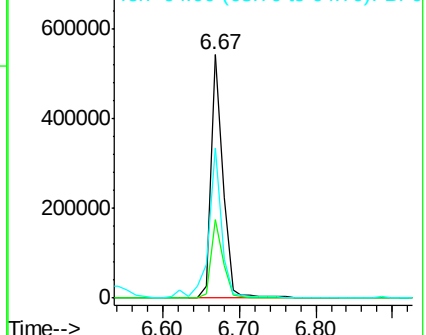
128 100

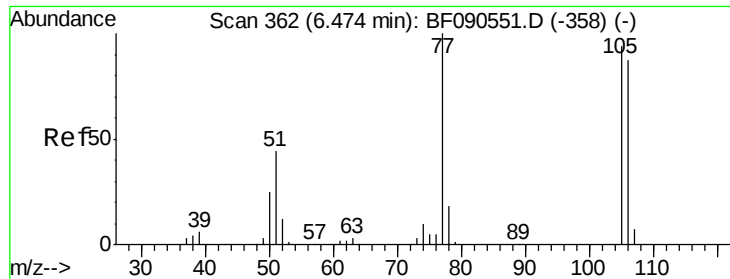
130 32.4 12.6 52.6

64 61.9 42.6 82.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.89 ng

RT: 6.43 min Scan# 358

Delta R.T. -0.01 min

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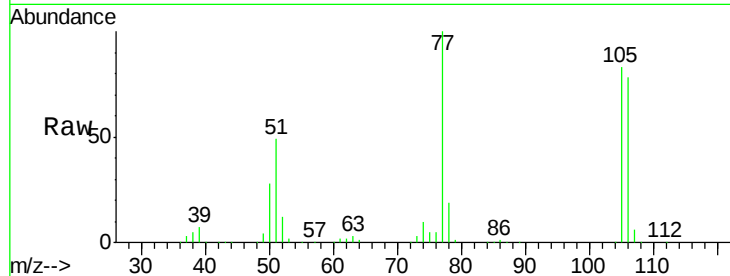
Tgt Ion: 77 Resp: 382218

Ion Ratio Lower Upper

77 100

105 82.5 74.3 114.3

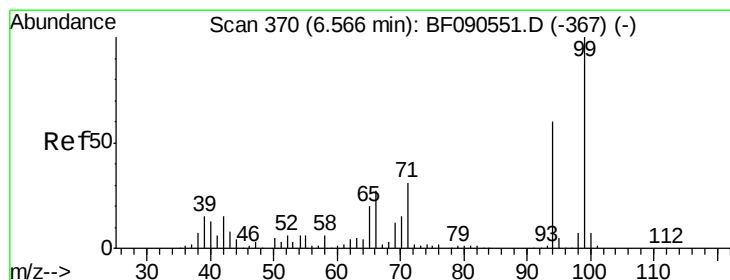
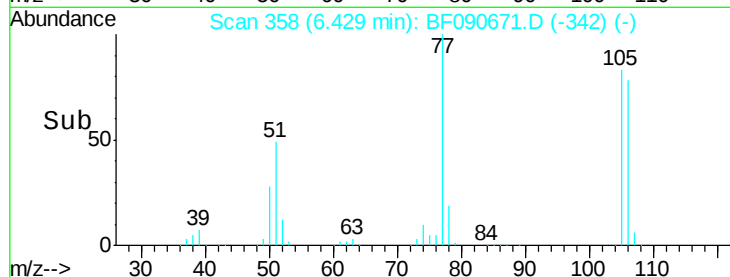
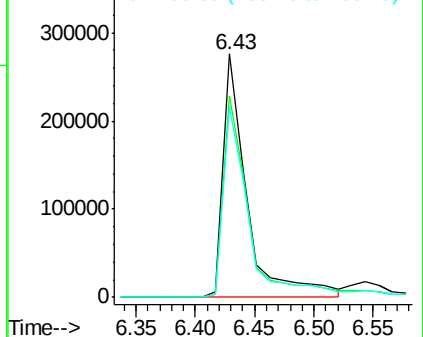
106 77.8 67.2 107.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.62 ng

RT: 6.54 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

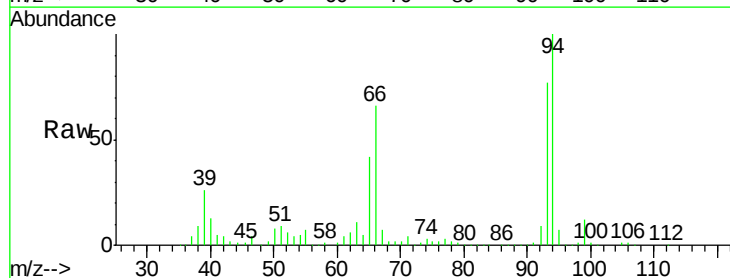
Tgt Ion: 94 Resp: 757074

Ion Ratio Lower Upper

94 100

65 41.7 12.5 52.5

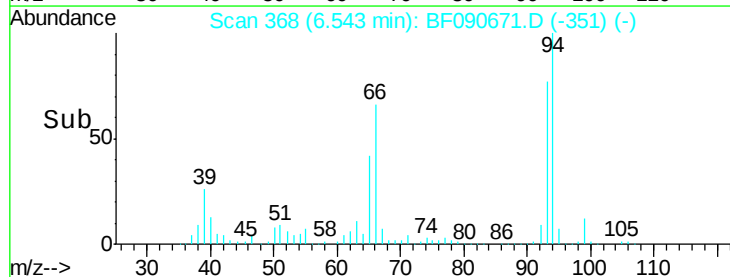
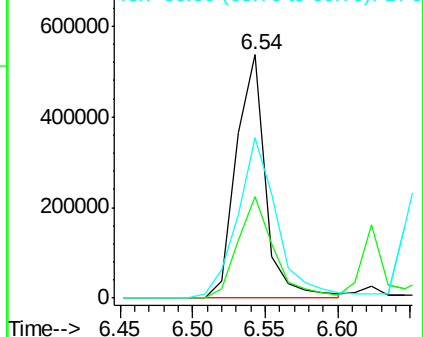
66 65.6 25.5 65.5#

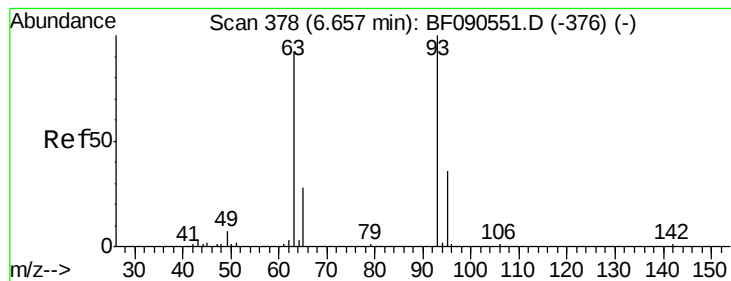


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.10 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

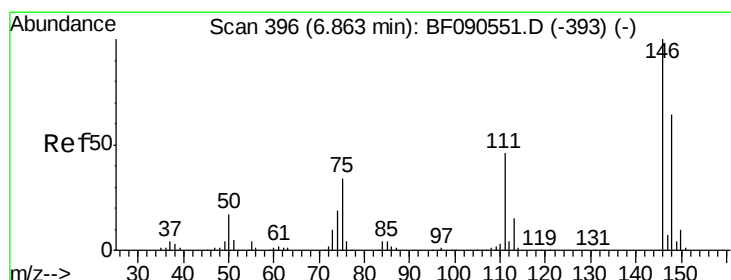
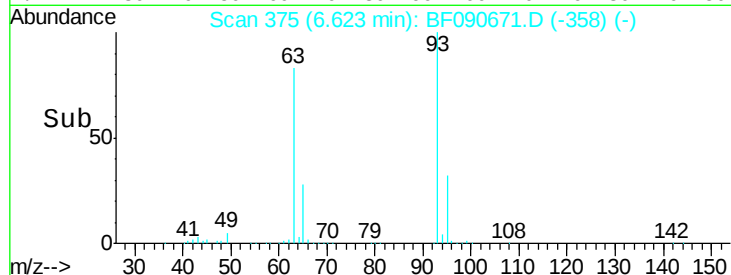
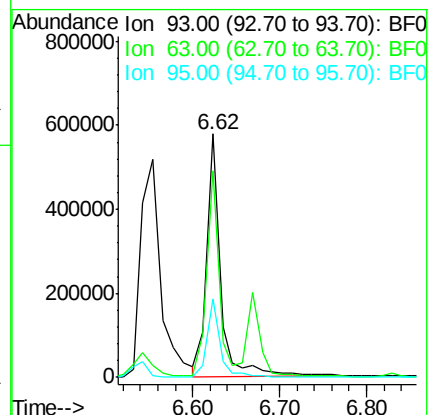
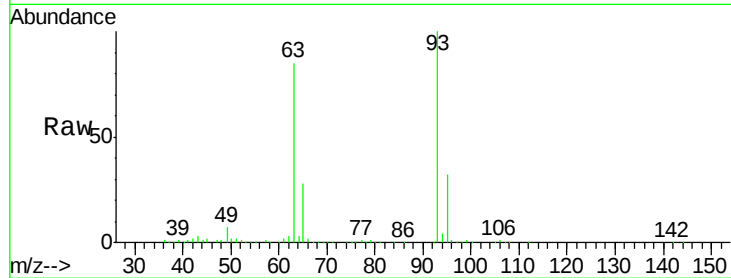
Tgt Ion: 93 Resp: 632052

Ion Ratio Lower Upper

93 100

63 85.0 61.6 101.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 42.37 ng

RT: 6.83 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

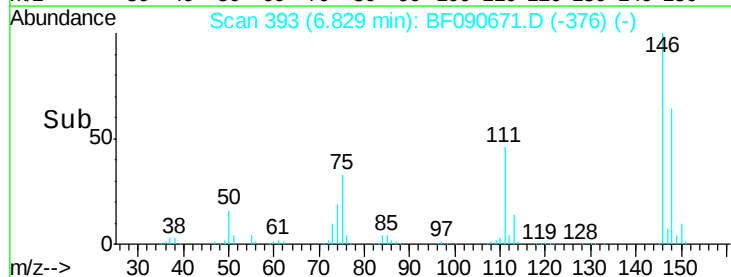
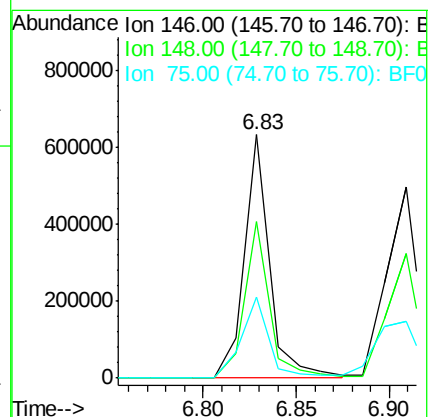
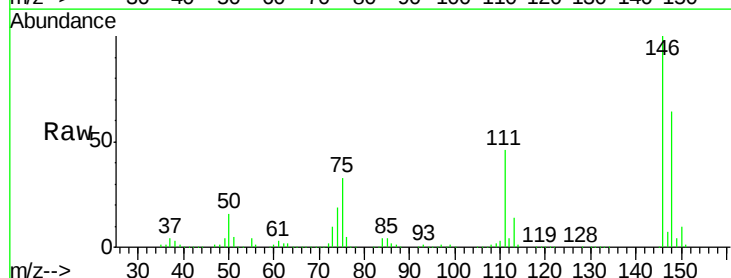
Tgt Ion: 146 Resp: 600844

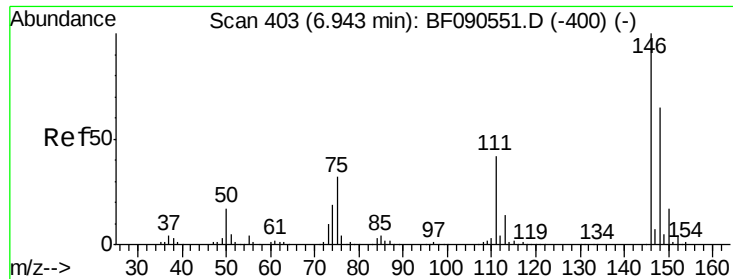
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

75 33.1 27.0 40.6

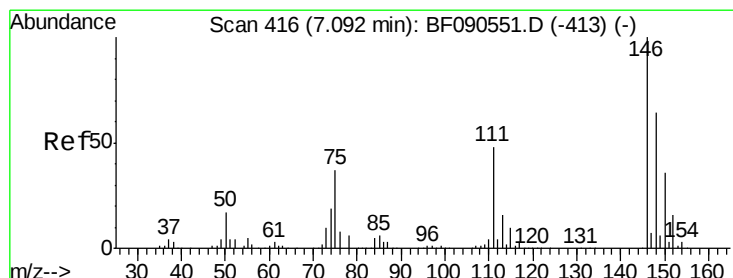
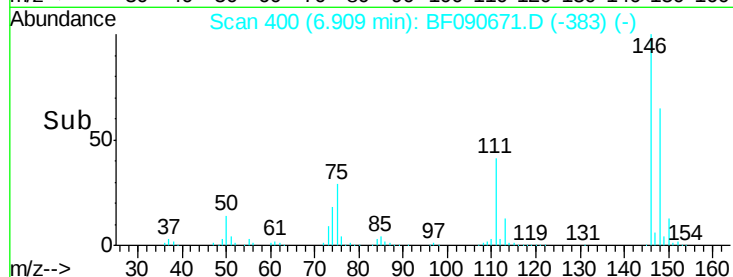
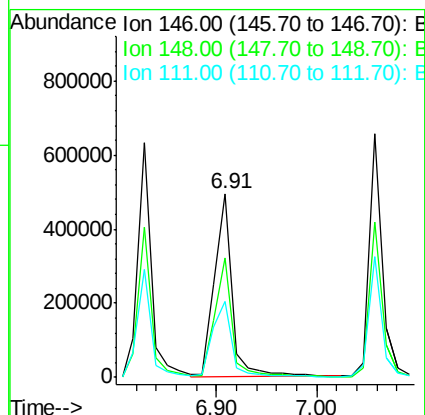
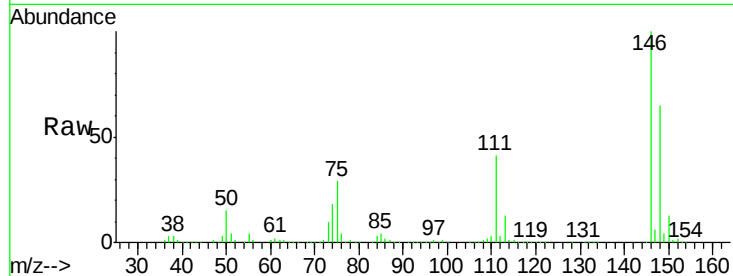




#13
 1,4-Dichlorobenzene
 Concen: 38.95 ng
 RT: 6.91 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

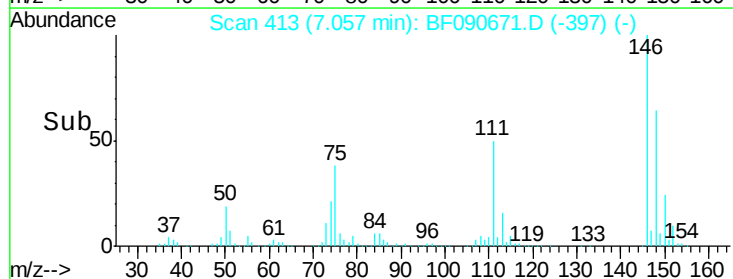
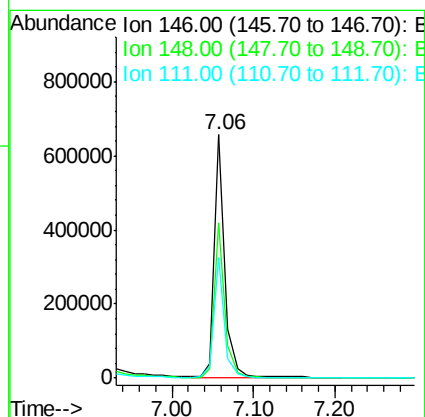
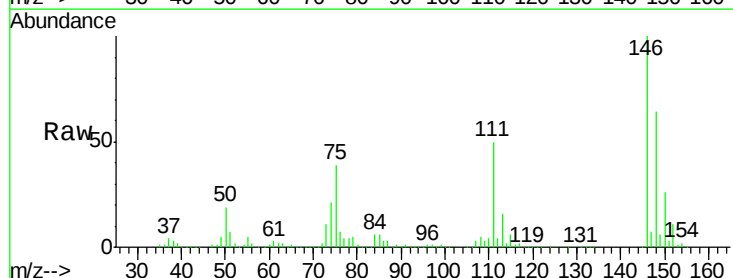
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

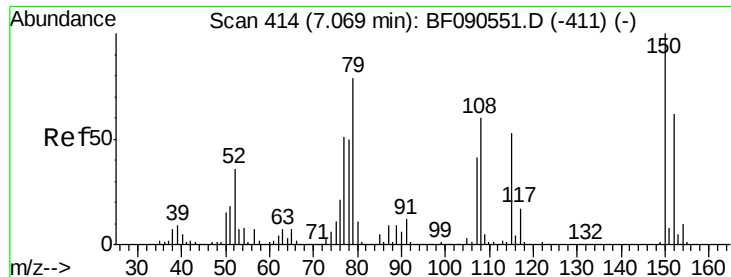
Tgt Ion:146 Resp: 600849
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 41.2 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 41.27 ng
 RT: 7.06 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion:146 Resp: 595127
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.2 76.8
 111 49.7 38.2 57.2





#15

Benzyl Alcohol

Concen: 47.71 ng

RT: 7.03 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

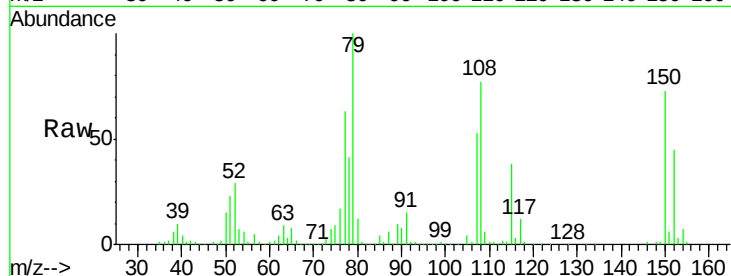
Tgt Ion: 79 Resp: 529567

Ion Ratio Lower Upper

79 100

108 77.4 60.2 90.4

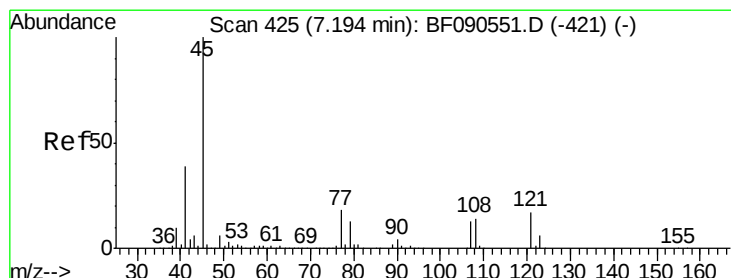
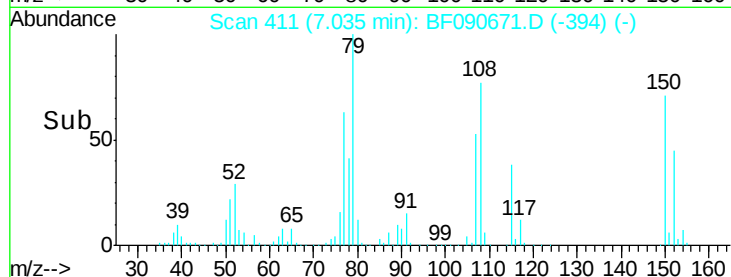
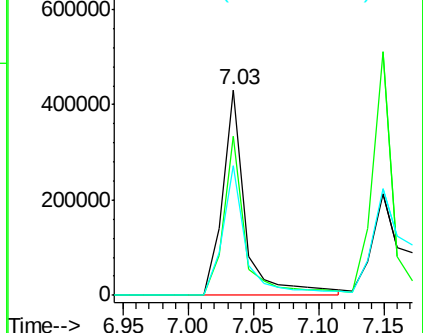
77 63.4 52.0 78.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.04 ng

RT: 7.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

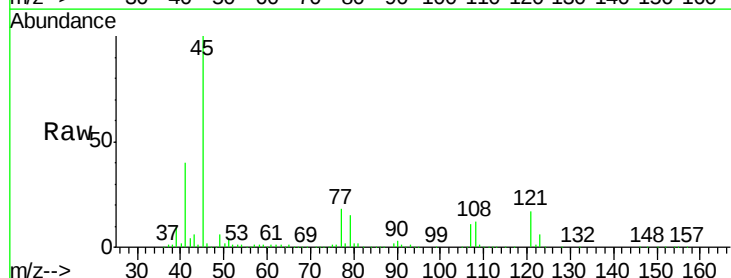
Tgt Ion: 45 Resp: 996427

Ion Ratio Lower Upper

45 100

77 18.4 0.9 40.9

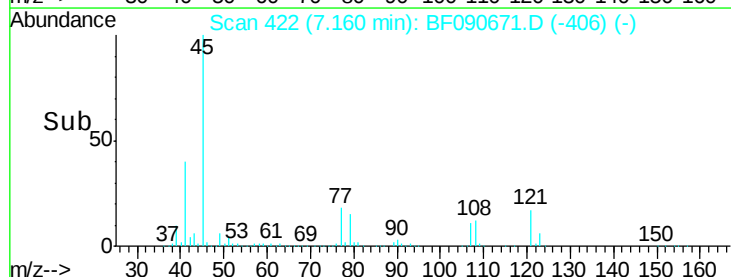
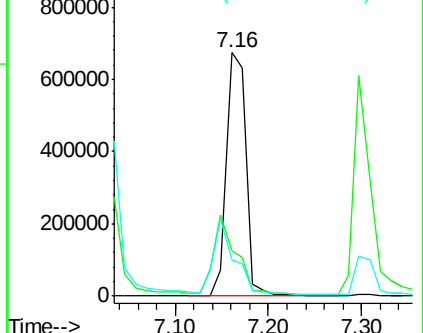
79 14.7 0.0 37.3

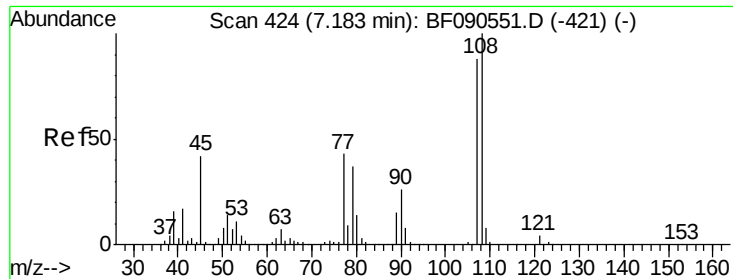


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

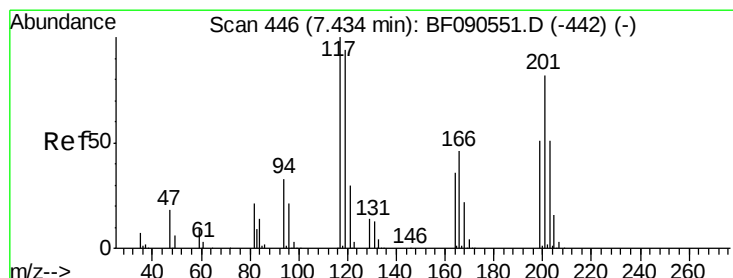
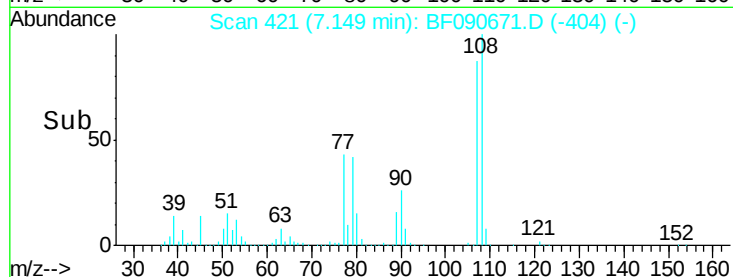
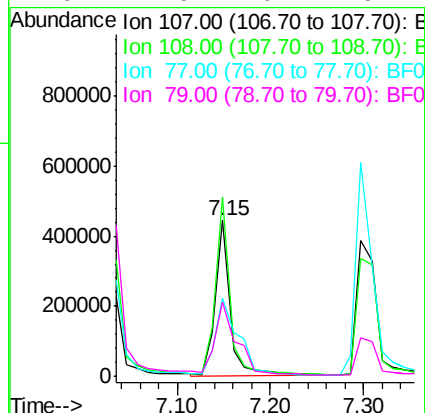
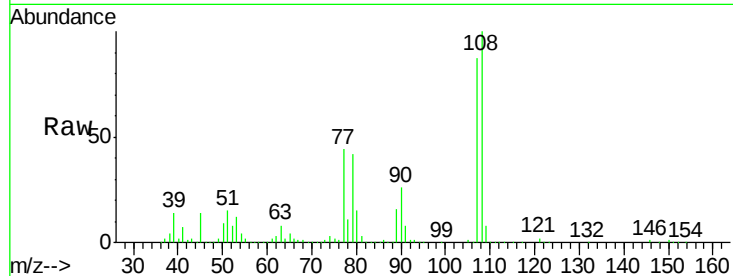




#17
2-Methylphenol
Concen: 43.86 ng
RT: 7.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

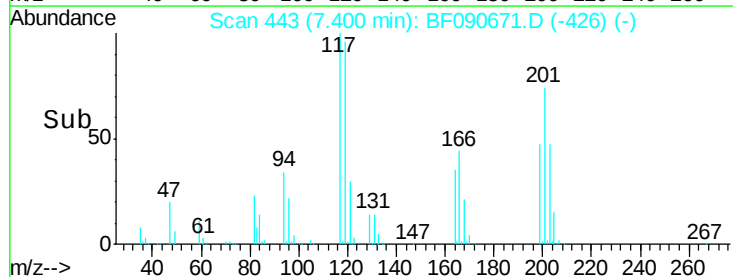
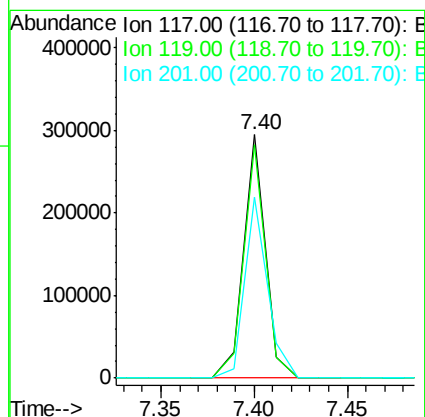
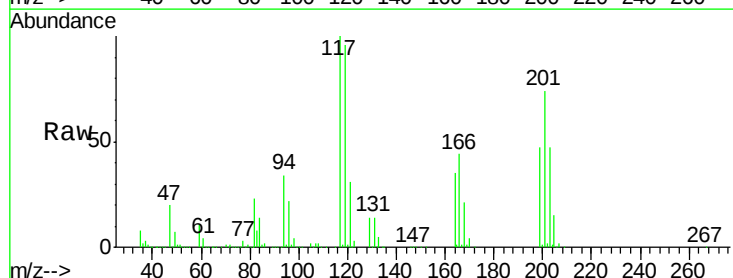
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

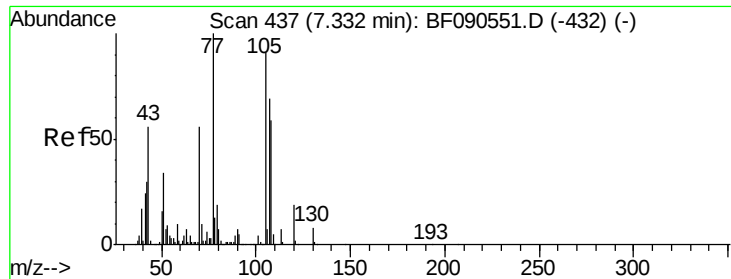
Tgt Ion:107 Resp: 486081
Ion Ratio Lower Upper
107 100
108 114.9 92.6 138.8
77 50.2 42.2 63.2
79 47.9 40.7 61.1



#18
Hexachloroethane
Concen: 39.57 ng
RT: 7.40 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion:117 Resp: 241224
Ion Ratio Lower Upper
117 100
119 95.8 75.6 113.4
201 74.1 65.4 98.0

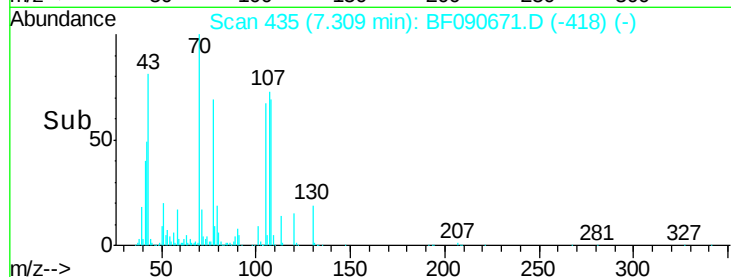
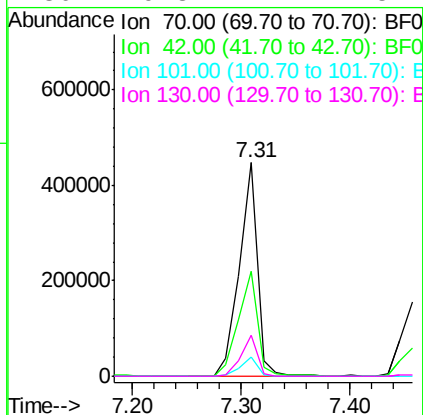
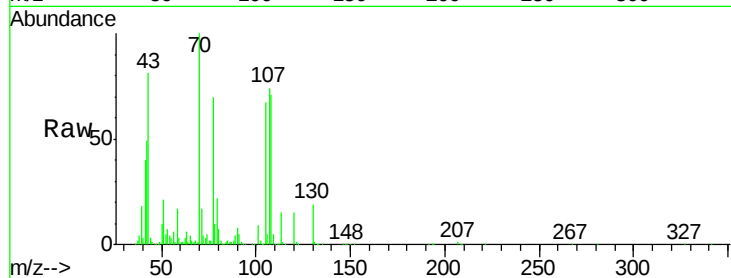




#19
n-Nitroso-di-n-propylamine
Concen: 45.89 ng
RT: 7.31 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

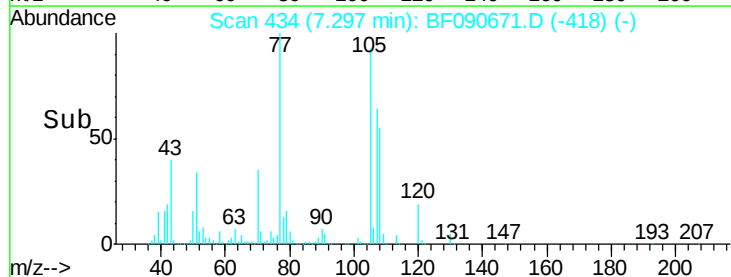
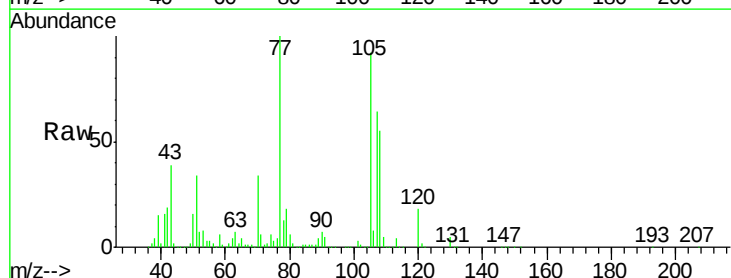
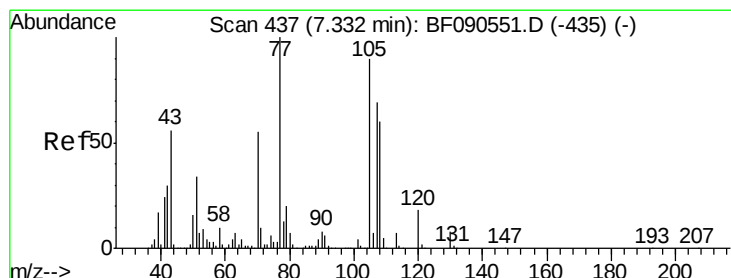
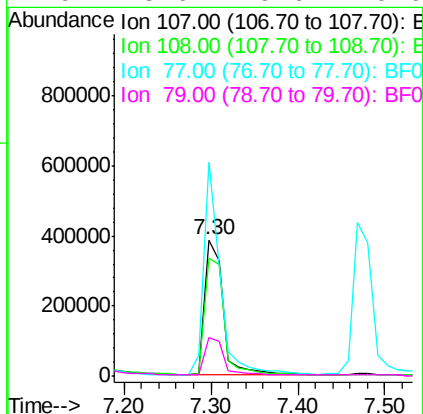
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

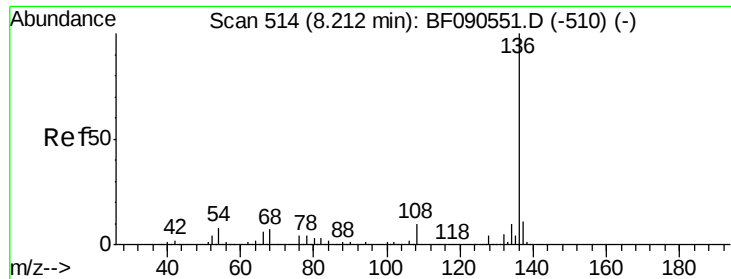
Tgt Ion: 70 Resp: 512785
Ion Ratio Lower Upper
70 100
42 49.3 43.4 65.0
101 8.9 6.4 9.6
130 19.3 12.1 18.1#



#20
3+4-Methylphenols
Concen: 41.95 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion: 107 Resp: 563567
Ion Ratio Lower Upper
107 100
108 87.1 67.7 107.7
77 157.2 123.1 163.1
79 28.6 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 877926

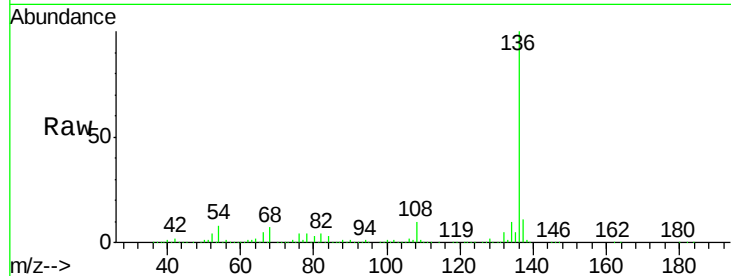
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.2 6.8 10.2

68 7.1 6.0 9.0

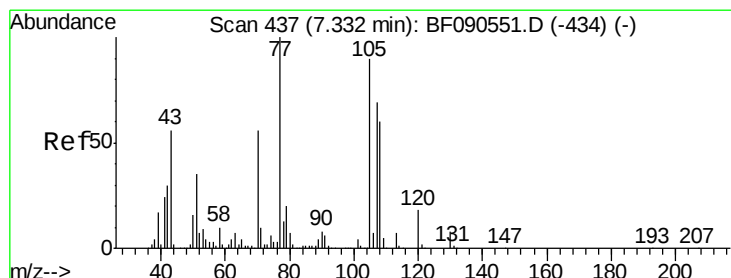
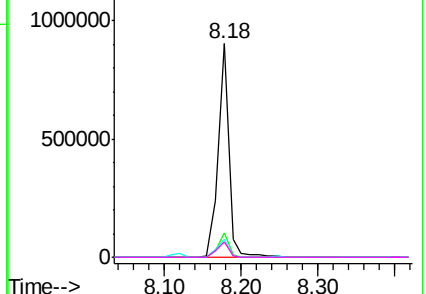
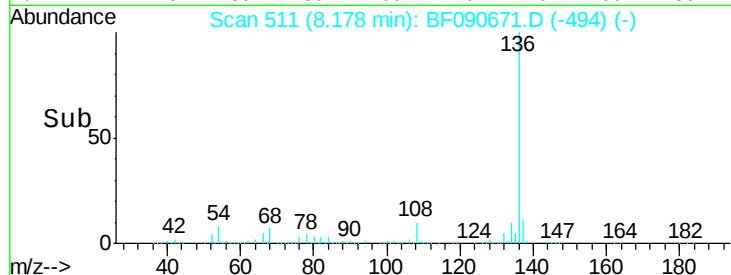


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.11 ng

RT: 7.30 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion:105 Resp: 758507

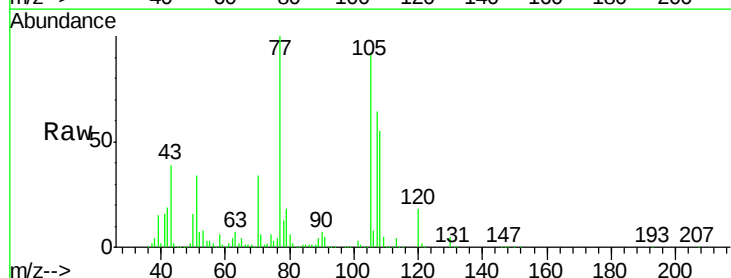
Ion Ratio Lower Upper

105 100

71 6.5 8.5 12.7#

51 37.1 31.0 46.4

120 20.1 16.2 24.4

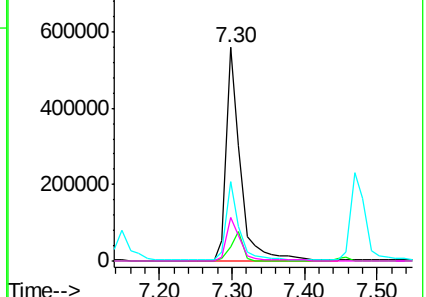
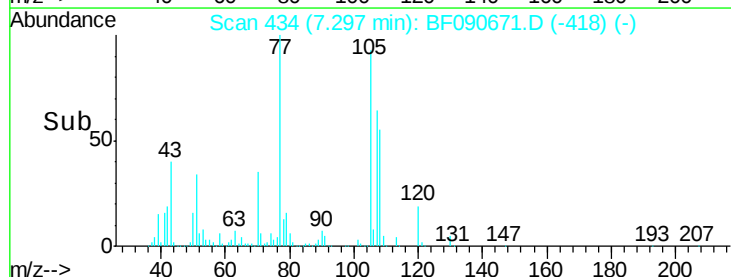


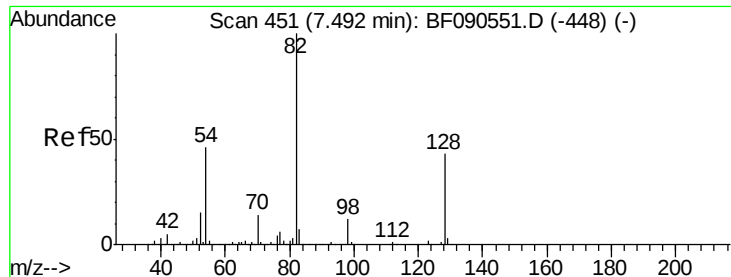
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

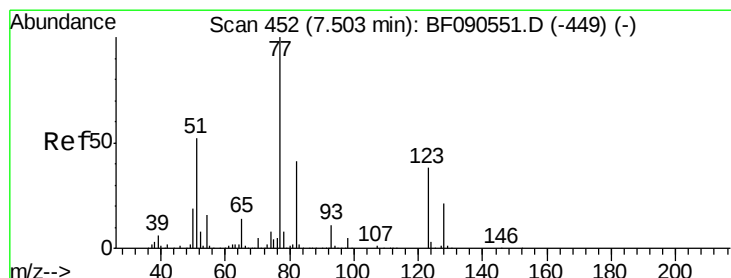
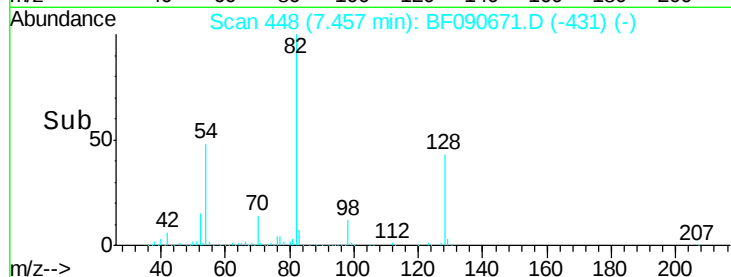
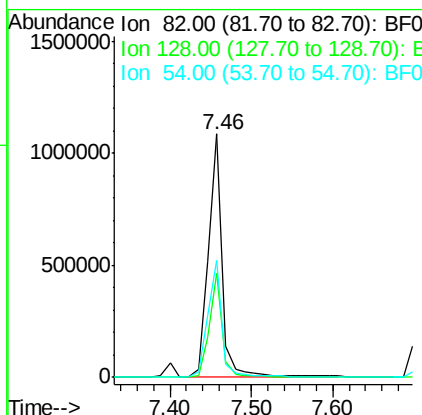
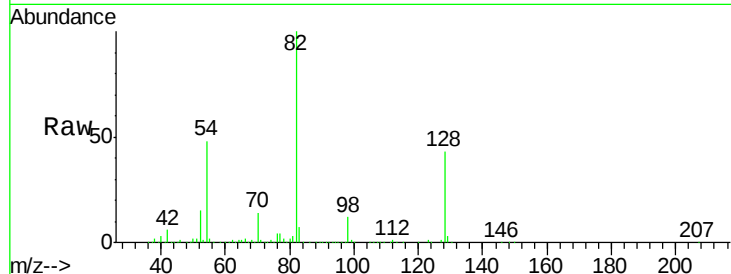




#23
 Nitrobenzene-d5
 Concen: 83.66 ng
 RT: 7.46 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

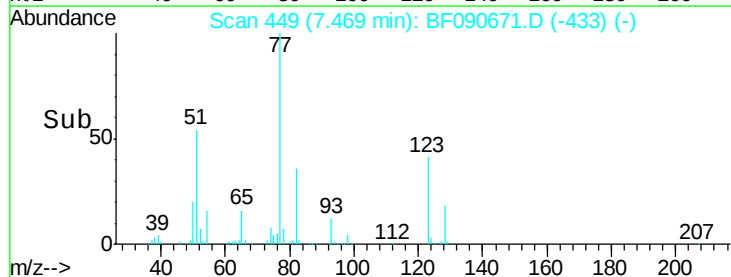
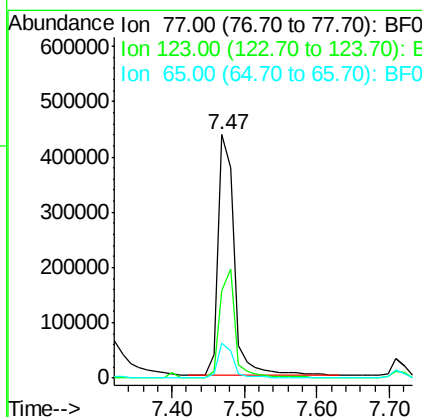
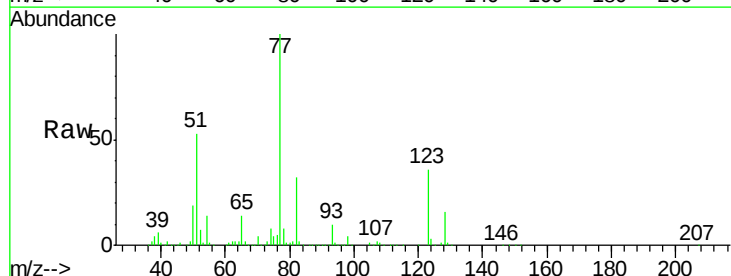
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

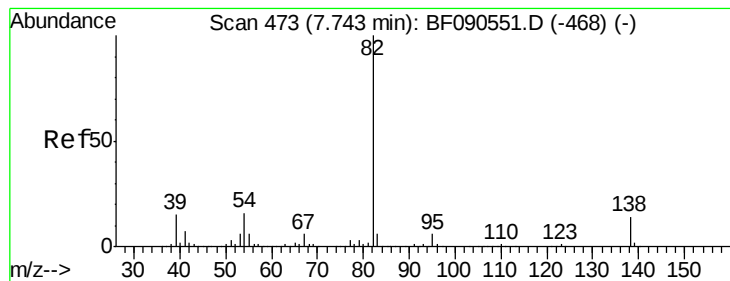
Tgt Ion: 82 Resp: 1322100
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.3 51.5
 54 47.9 37.0 55.6



#24
 Nitrobenzene
 Concen: 41.39 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion: 77 Resp: 671349
 Ion Ratio Lower Upper
 77 100
 123 35.7 29.8 44.6
 65 14.2 10.9 16.3





#25

Isophorone

Concen: 40.50 ng

RT: 7.71 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

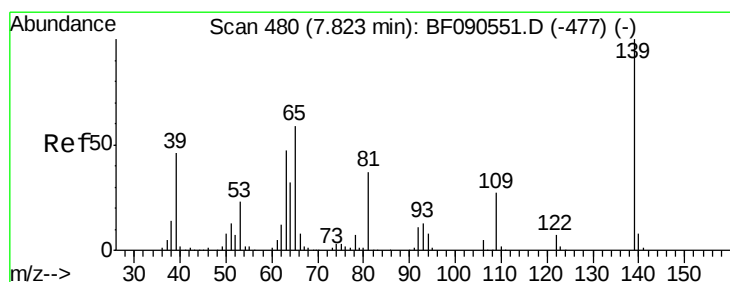
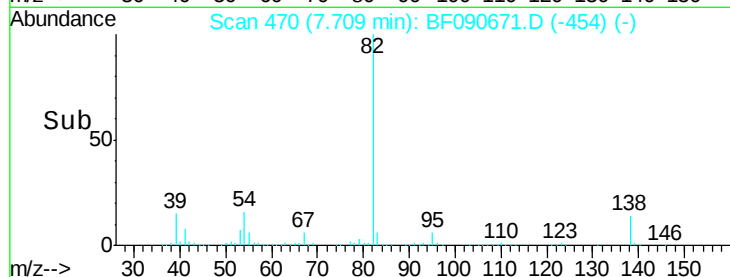
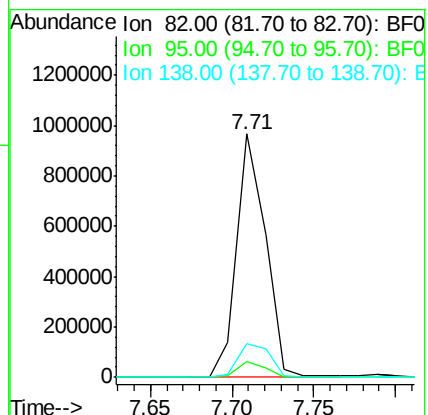
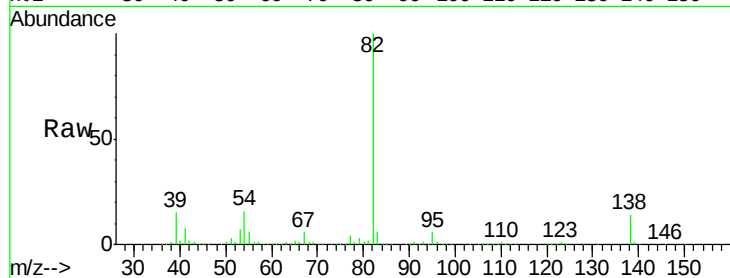
Tgt Ion: 82 Resp: 1165024

Ion Ratio Lower Upper

82 100

95 6.3 5.0 7.6

138 13.7 11.5 17.3



#26

2-Nitrophenol

Concen: 36.45 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

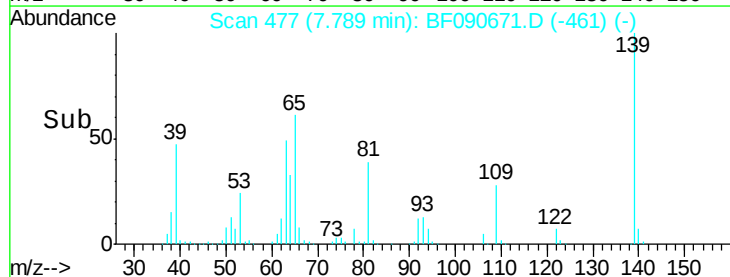
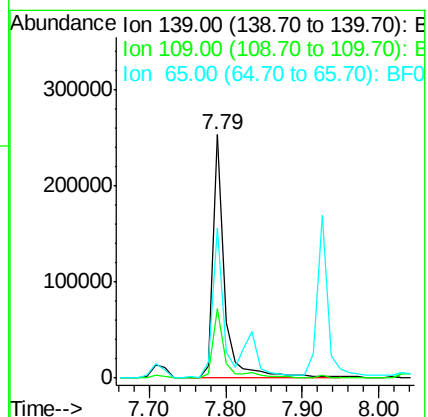
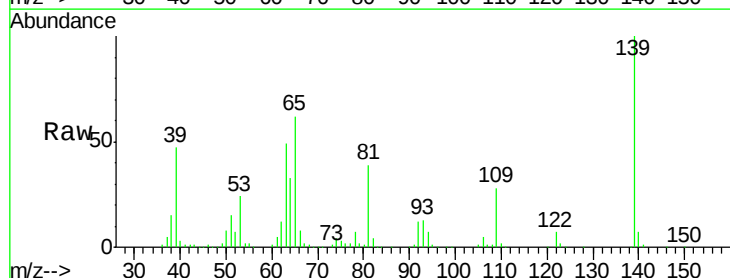
Tgt Ion: 139 Resp: 268209

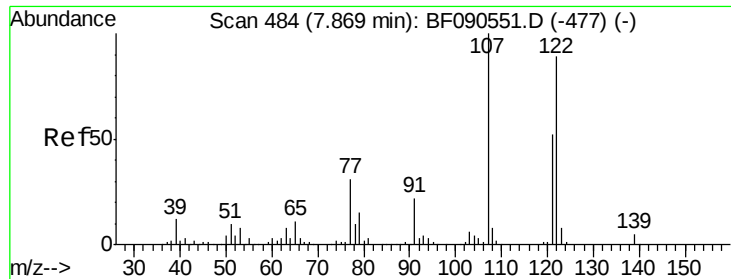
Ion Ratio Lower Upper

139 100

109 28.4 21.8 32.6

65 61.8 47.7 71.5





#27

2,4-Dimethylphenol

Concen: 41.98 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

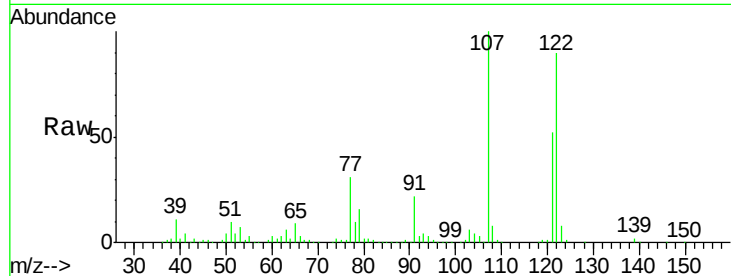
Tgt Ion:122 Resp: 512585

Ion Ratio Lower Upper

122 100

107 110.6 89.8 134.6

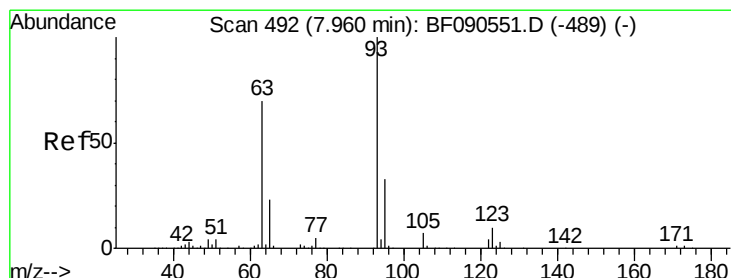
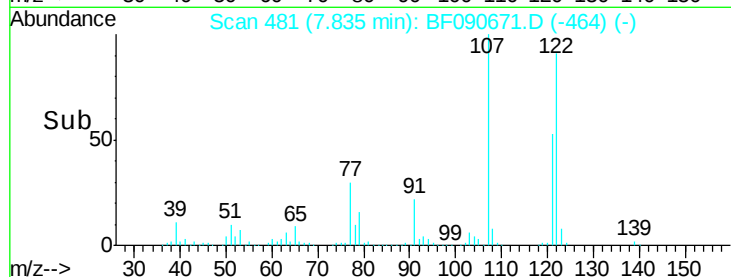
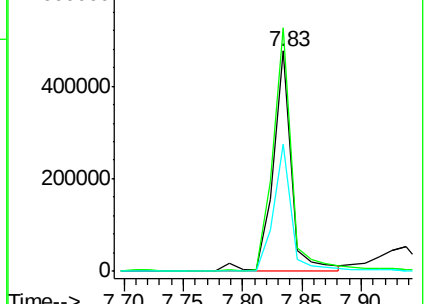
121 57.9 46.1 69.1



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: 41.18 ng

RT: 7.93 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

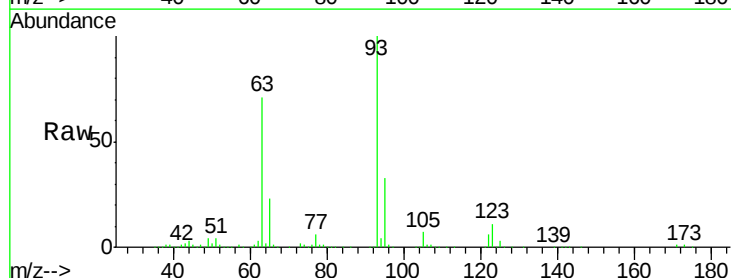
Tgt Ion: 93 Resp: 699475

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

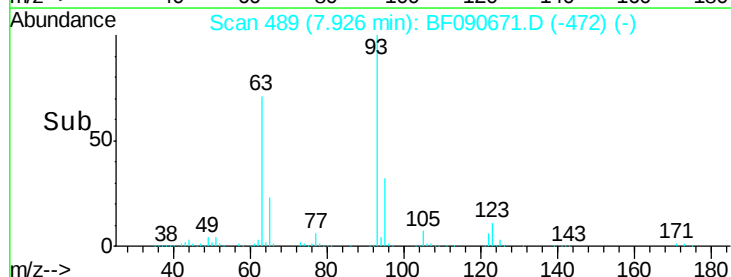
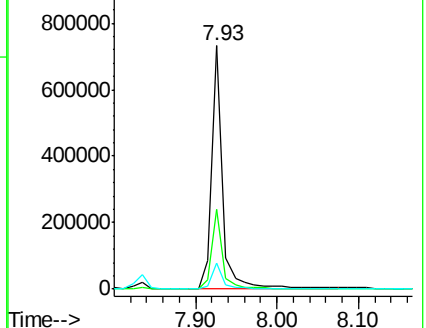
123 10.8 8.6 13.0

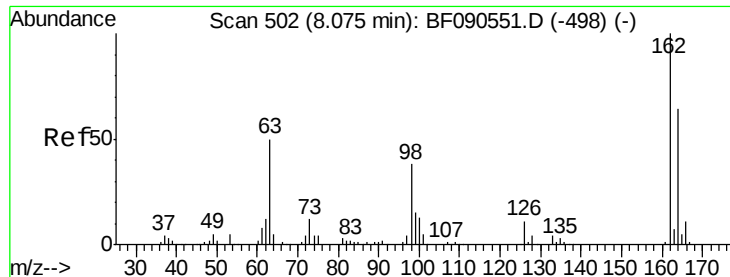


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

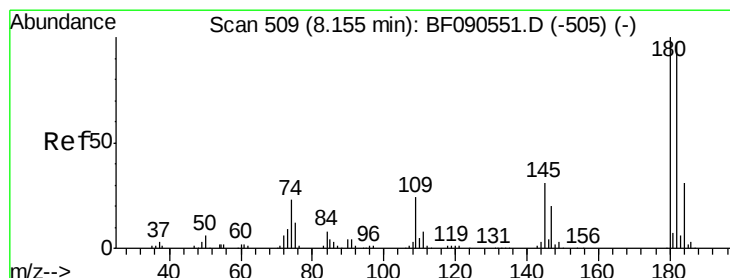
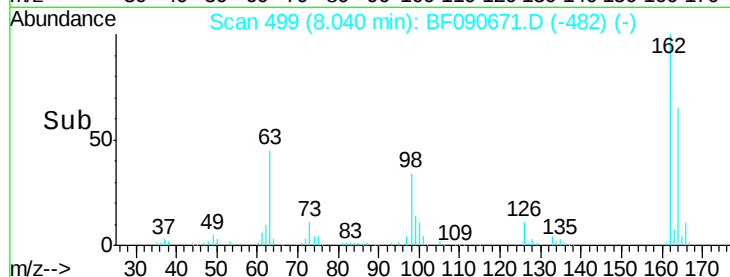
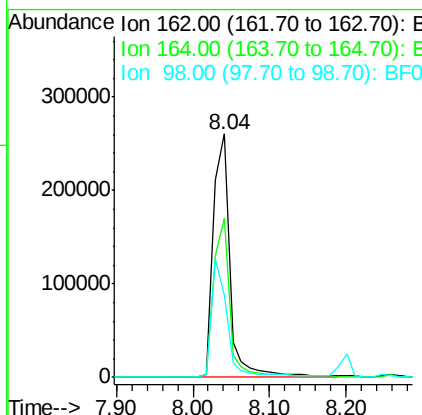
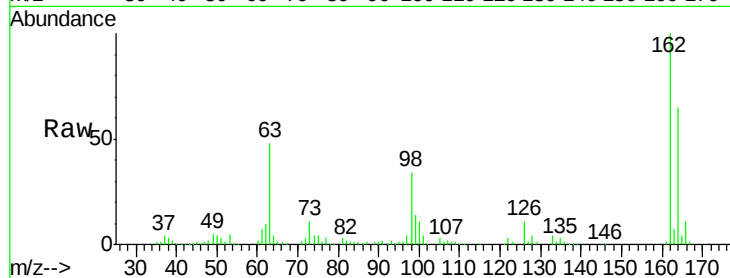




#29
 2,4-Dichlorophenol
 Concen: 36.94 ng
 RT: 8.04 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

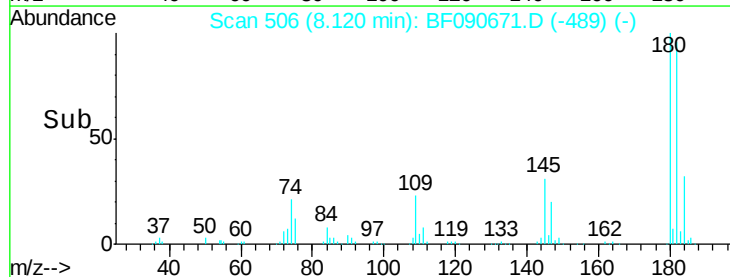
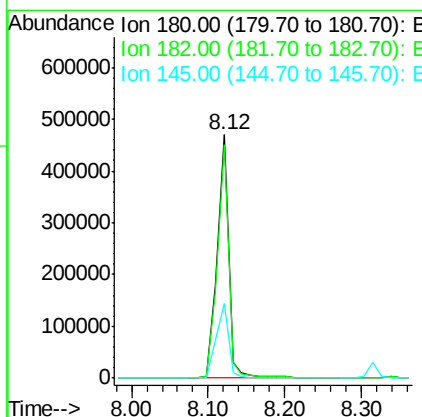
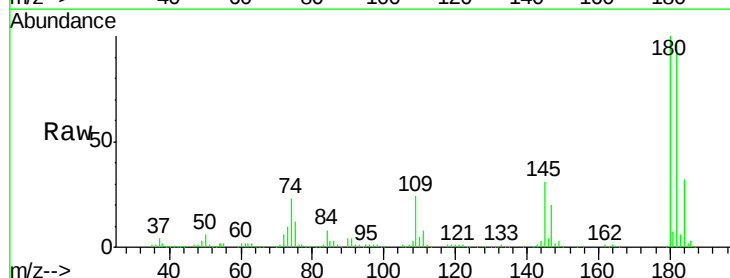
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

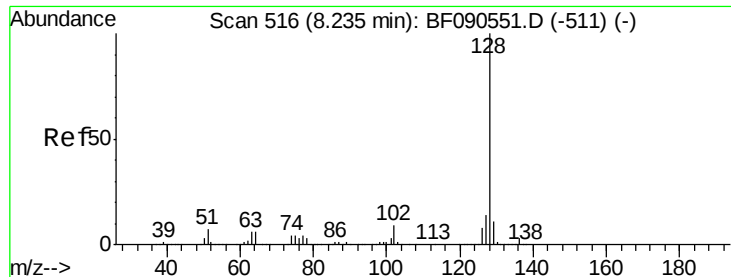
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.0	84.0
98	34.1	18.0	58.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.31 ng
 RT: 8.12 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.2	115.8
145	30.7	24.4	36.6

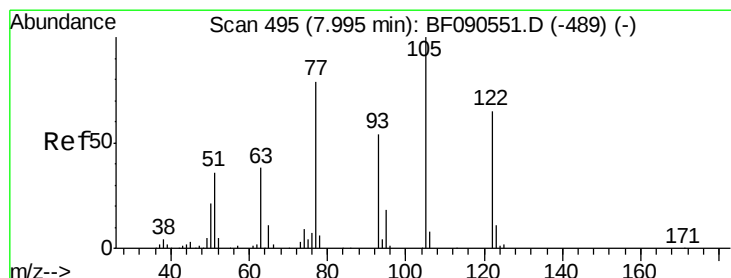
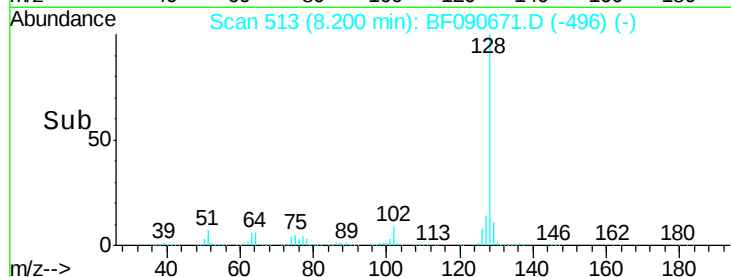
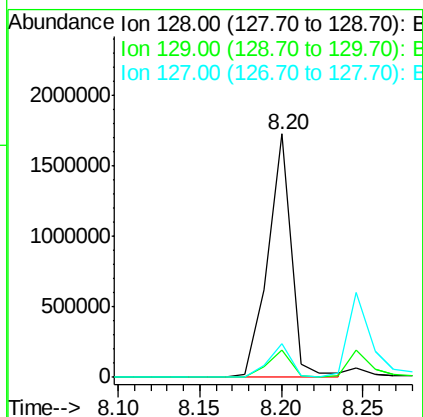
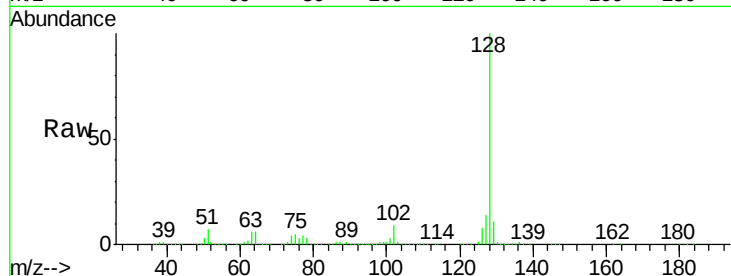




#31
Naphthalene
Concen: 38.62 ng
RT: 8.20 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

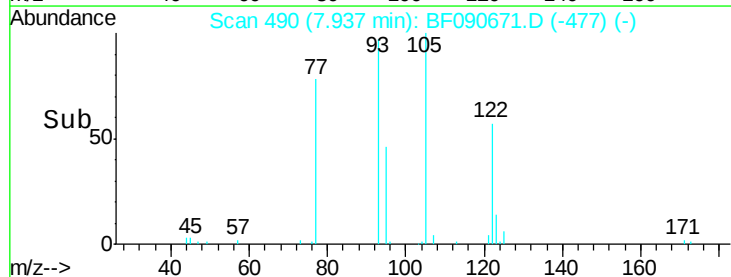
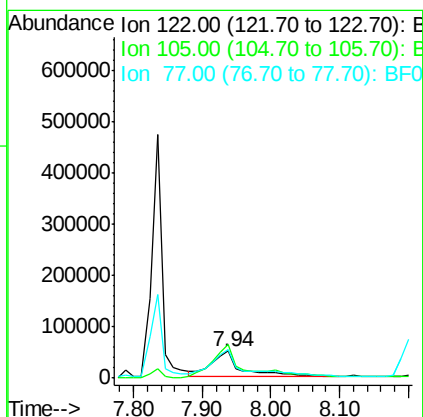
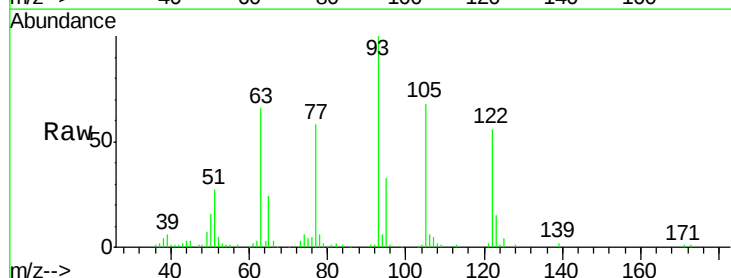
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

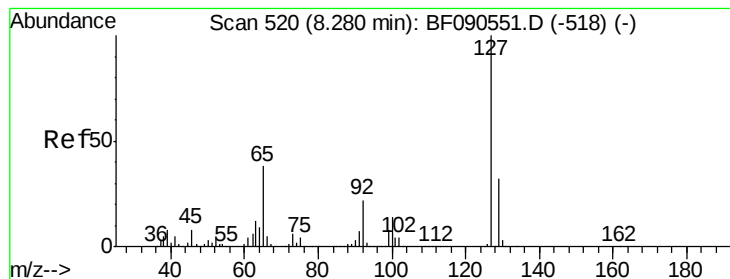
Tgt Ion:128 Resp: 1726983
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 21.12 ng
RT: 7.94 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion:122 Resp: 158375
Ion Ratio Lower Upper
122 100
105 122.4 101.1 141.1
77 104.4 84.7 124.7





#33

4-Chloroaniline

Concen: 39.35 ng

RT: 8.25 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

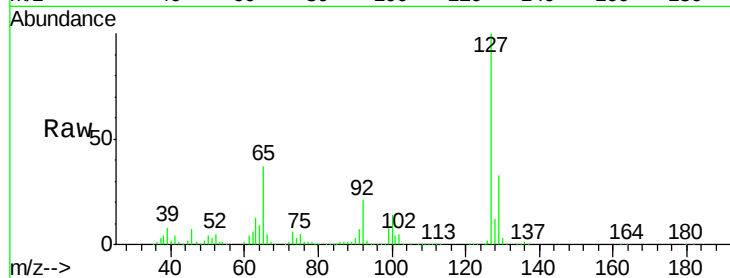
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	127	Resp:	672607
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	37.1	30.1	45.1
92	21.5	17.2	25.8

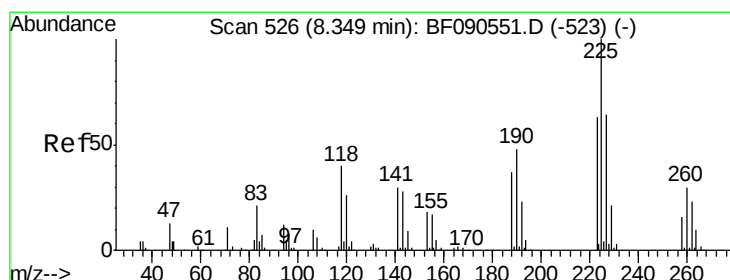
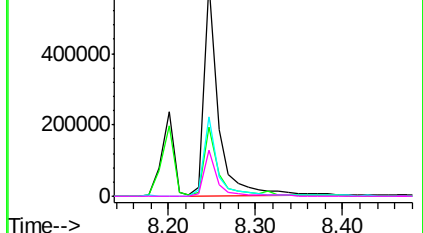
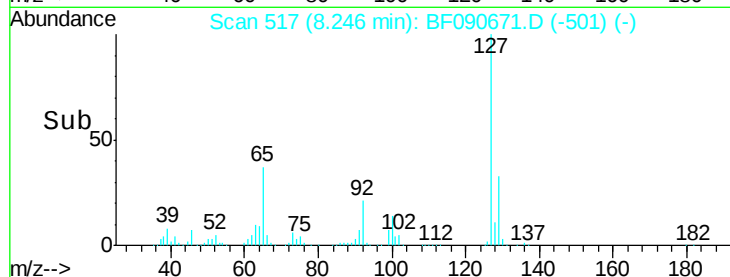


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.24 ng

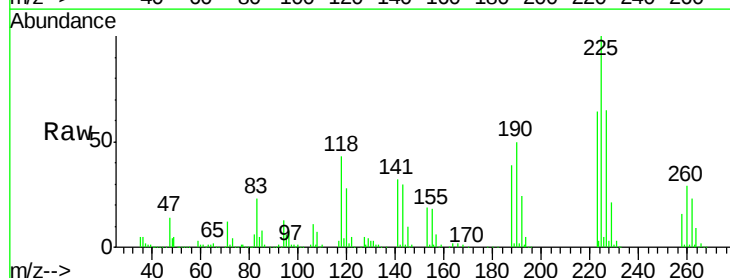
RT: 8.31 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

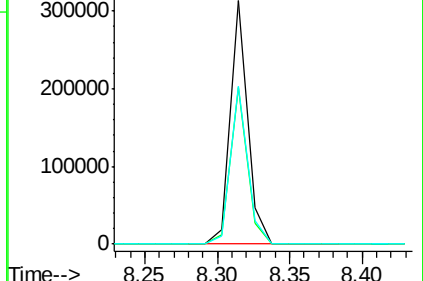
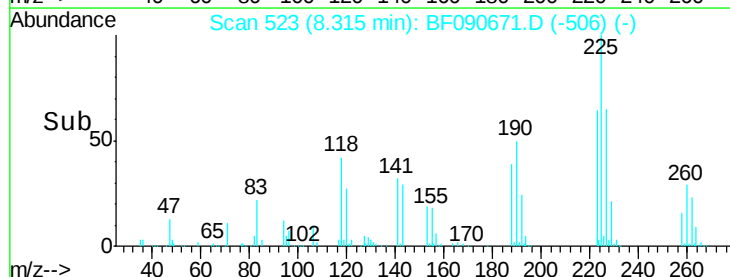
Tgt Ion:	225	Resp:	260668
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	64.6	51.4	77.2

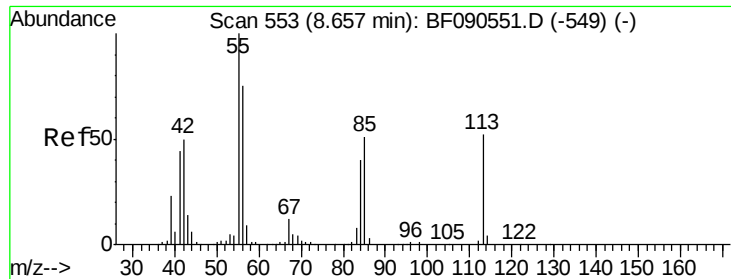


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

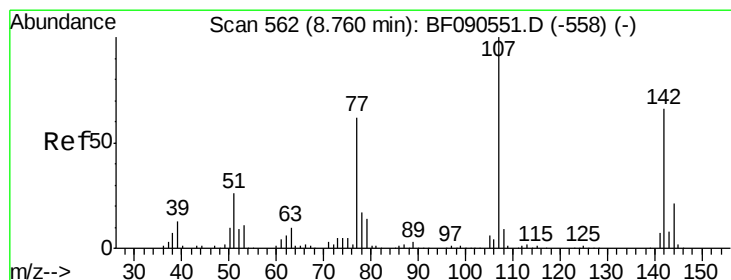
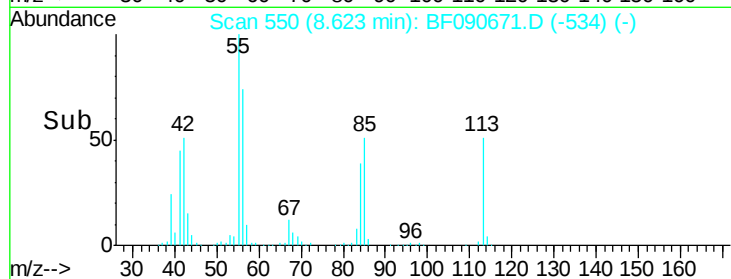
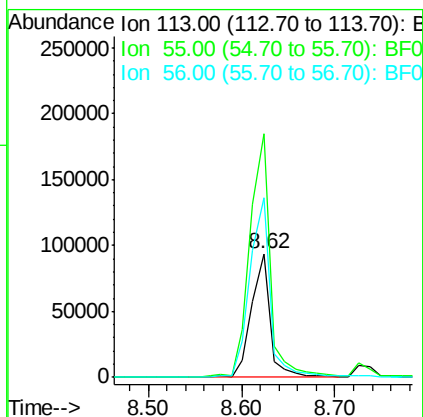
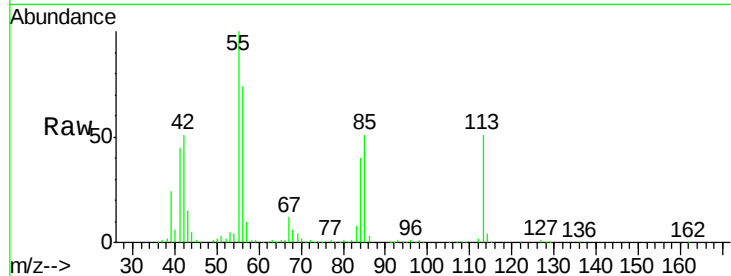




#35
 Caprolactam
 Concen: 44.15 ng
 RT: 8.62 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

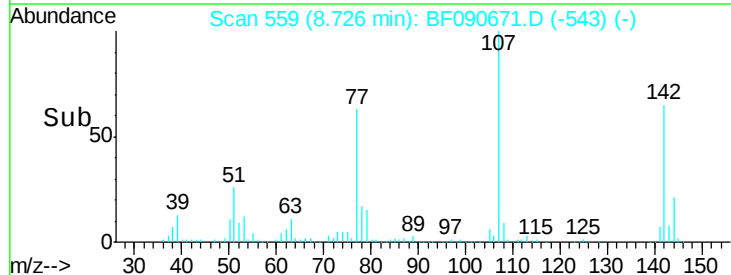
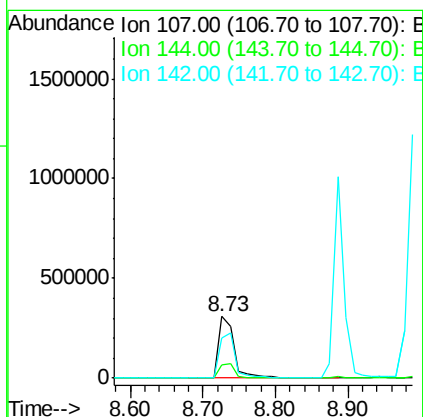
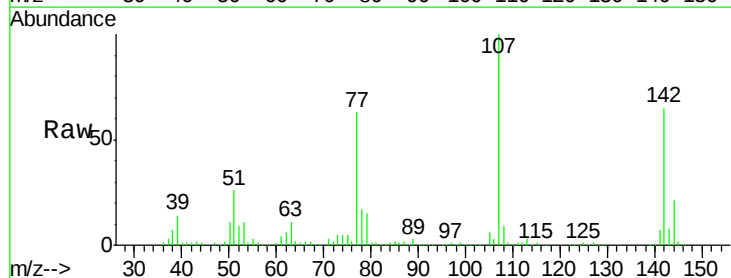
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

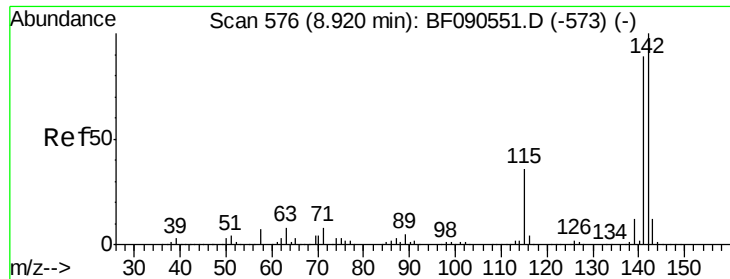
Tgt Ion:113 Resp: 131793
 Ion Ratio Lower Upper
 113 100
 55 196.5 170.8 210.8
 56 144.9 122.4 162.4



#36
 4-Chloro-3-methylphenol
 Concen: 37.64 ng
 RT: 8.73 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion:107 Resp: 464445
 Ion Ratio Lower Upper
 107 100
 144 21.2 16.9 25.3
 142 65.1 52.5 78.7

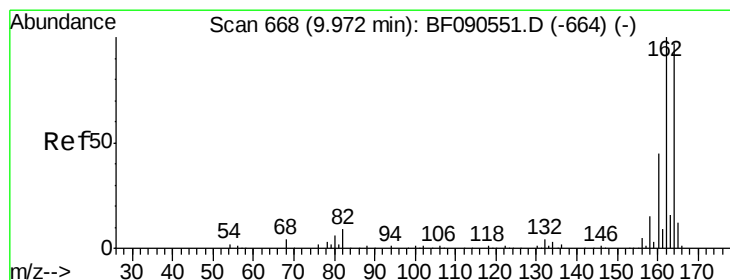
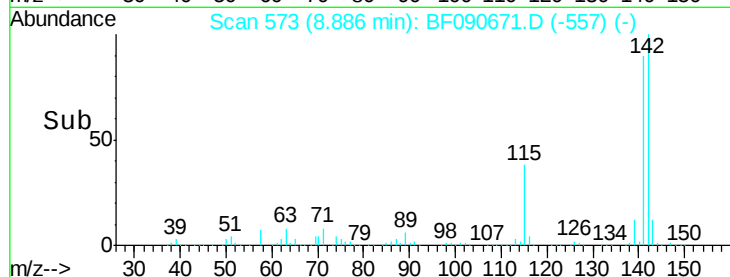
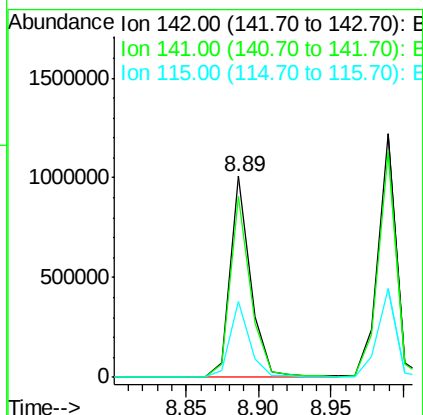
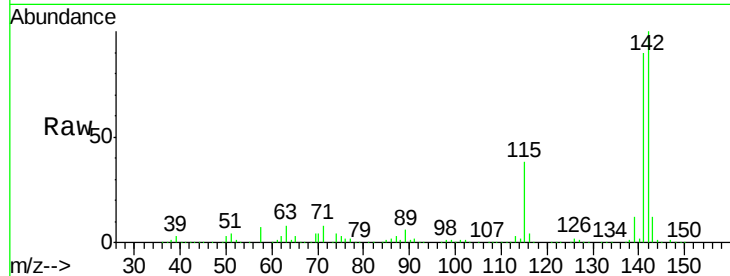




#37
 2-Methylnaphthalene
 Concen: 37.66 ng
 RT: 8.89 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

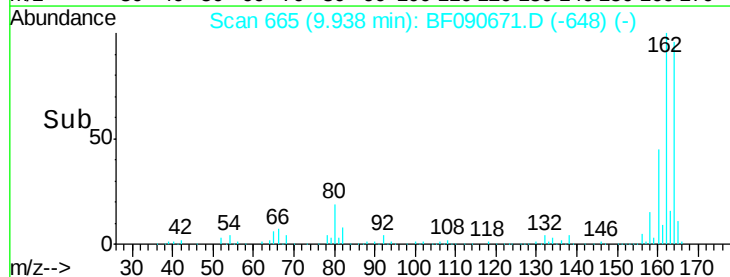
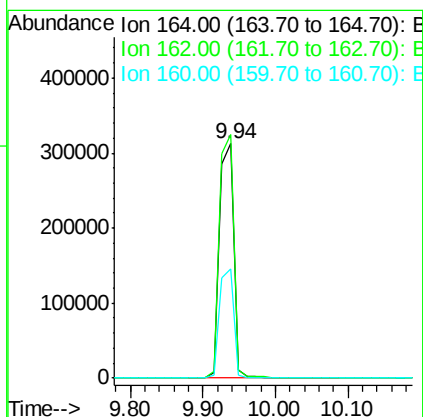
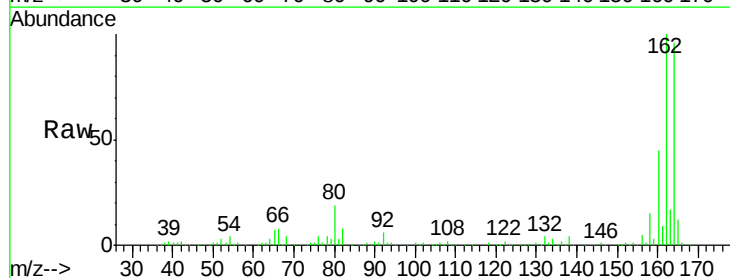
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

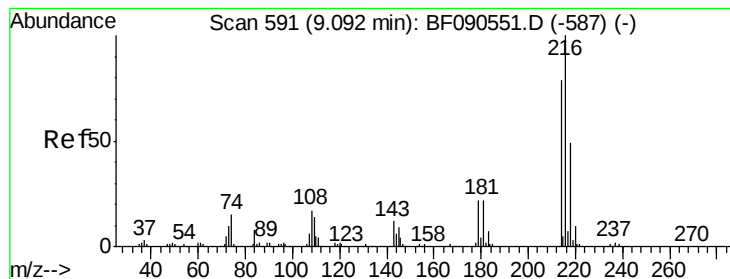
Tgt Ion:142 Resp: 989230
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.3 106.9
 115 37.8 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion:164 Resp: 430714
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.2 123.4
 160 46.8 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.95 ng

RT: 9.06 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 479094

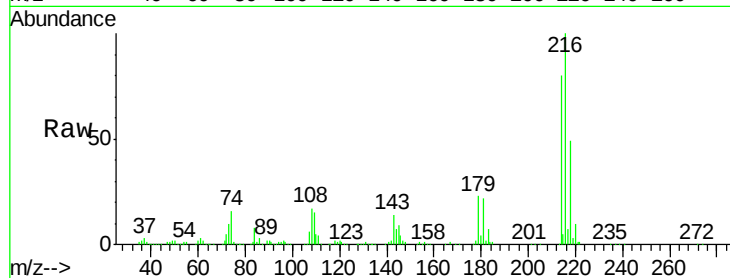
Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

179 23.5 18.9 28.3

108 21.3 17.8 26.6

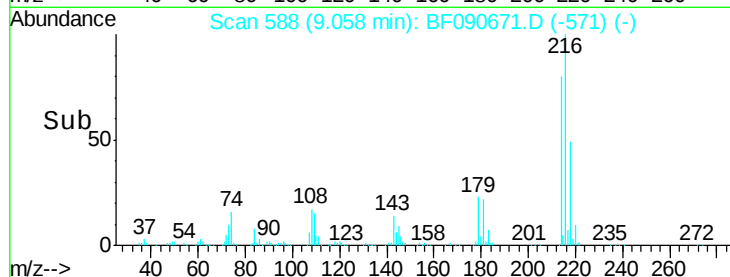


Abundance Ion 216.00 (215.70 to 216.70): E

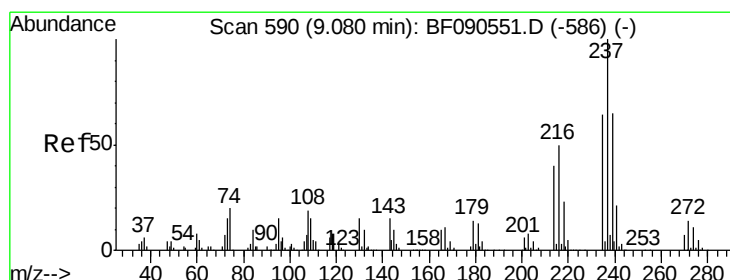
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 20.71 ng

RT: 9.05 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

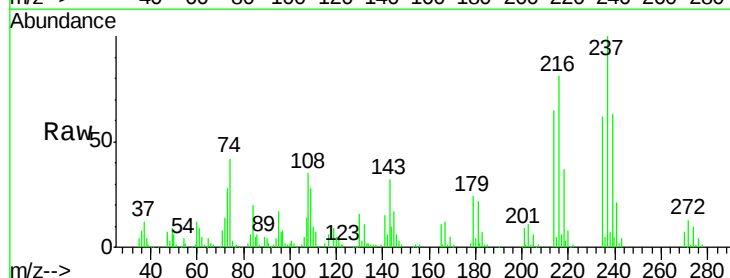
Tgt Ion:237 Resp: 115538

Ion Ratio Lower Upper

237 100

235 61.7 43.8 83.8

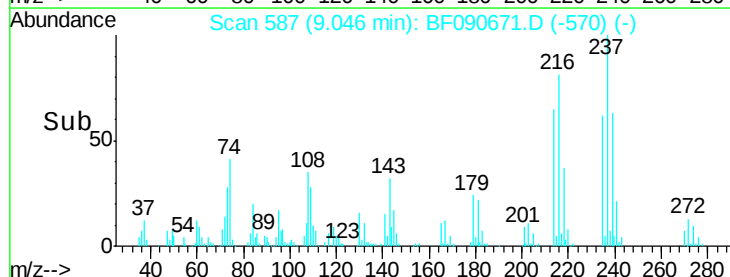
272 13.2 0.0 33.7



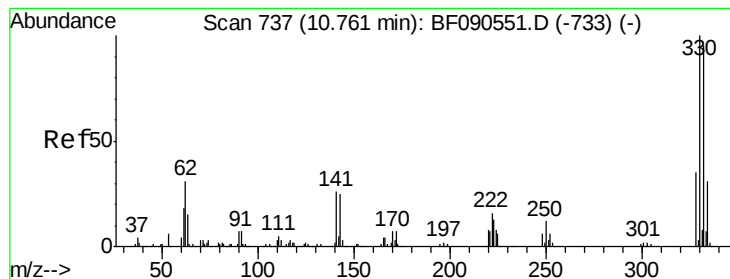
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 64.85 ng

RT: 10.73 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

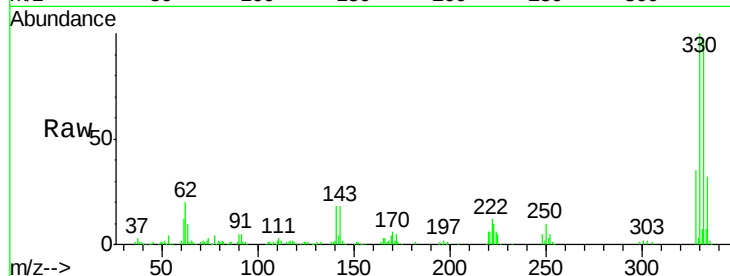
Tgt Ion:330 Resp: 249034

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.2

141 40.5 31.4 47.2



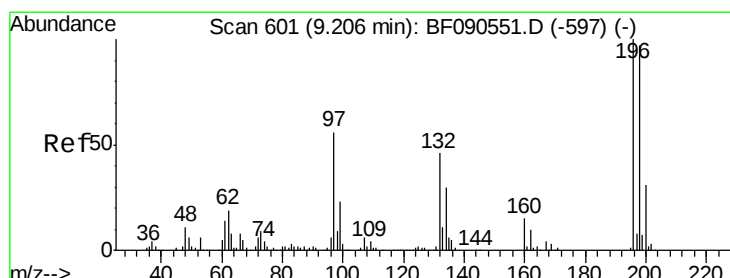
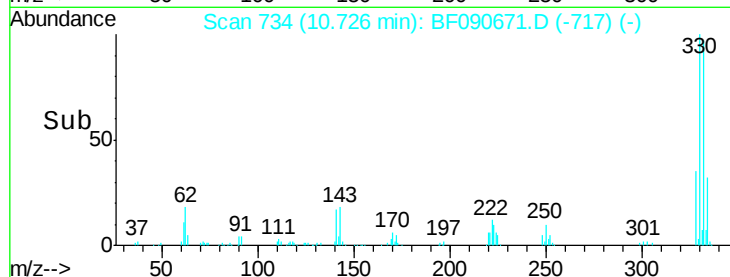
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

10.73

Time-->



#42

2,4,6-Trichlorophenol

Concen: 44.31 ng

RT: 9.17 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

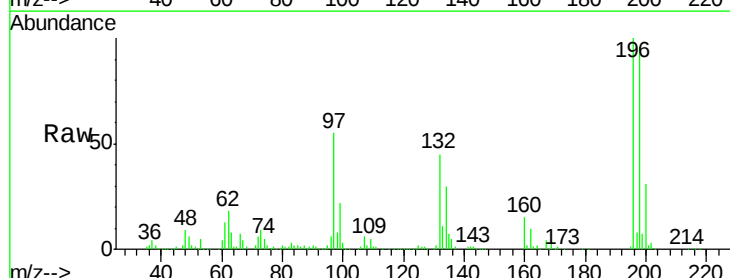
Tgt Ion:196 Resp: 285425

Ion Ratio Lower Upper

196 100

198 96.1 77.9 116.9

200 30.8 25.1 37.7



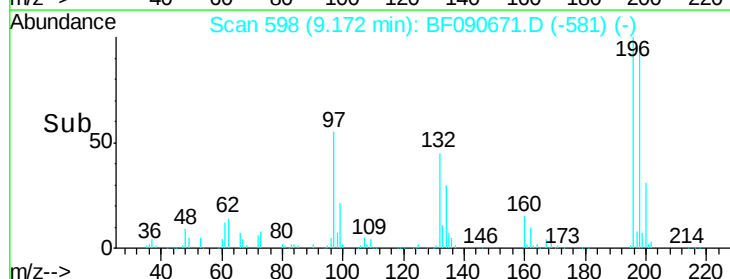
Abundance Ion 196.00 (195.70 to 196.70): E

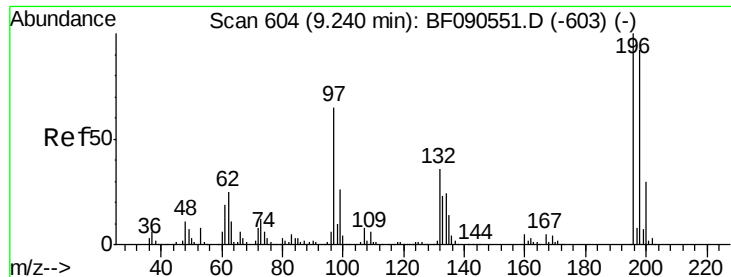
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

9.17

Time-->

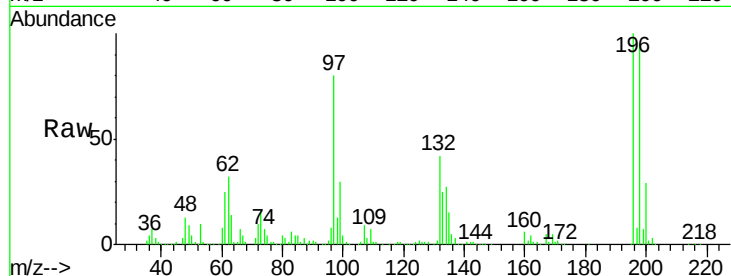




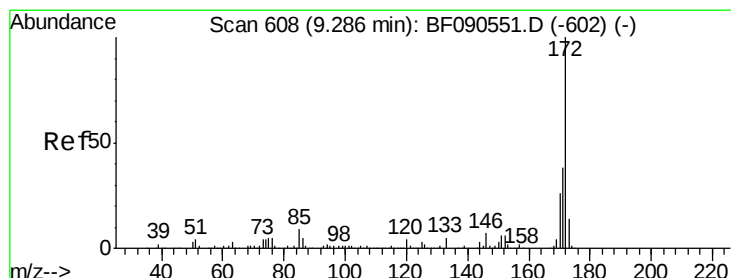
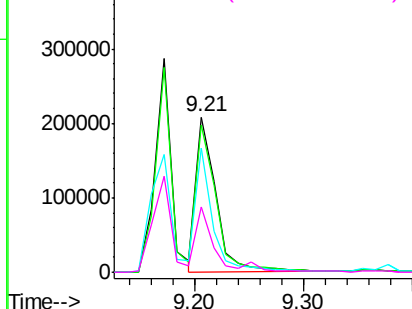
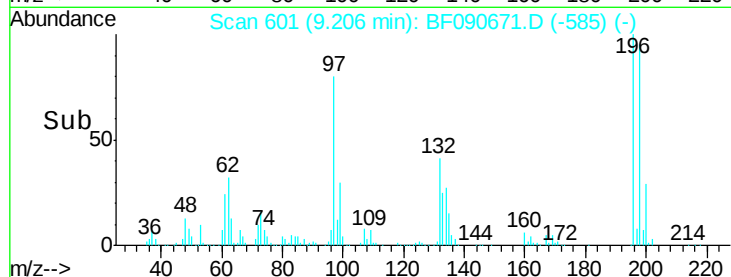
#43
 2,4,5-Trichlorophenol
 Concen: 34.27 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 263338
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.0 111.0
 97 80.0 54.7 82.1
 132 41.7 30.5 45.7

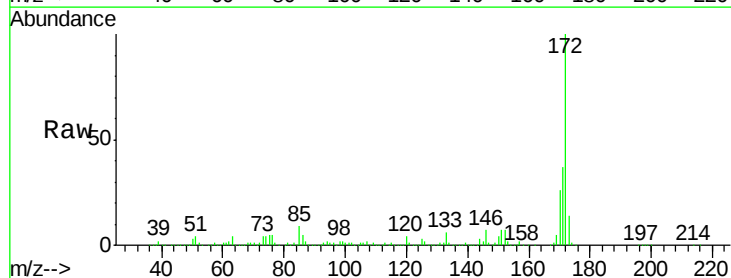


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

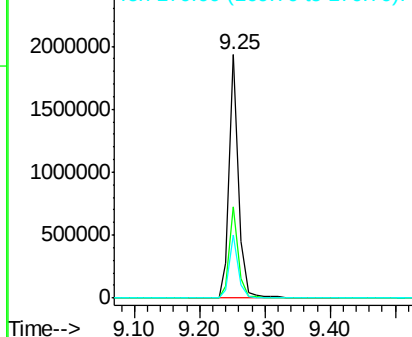
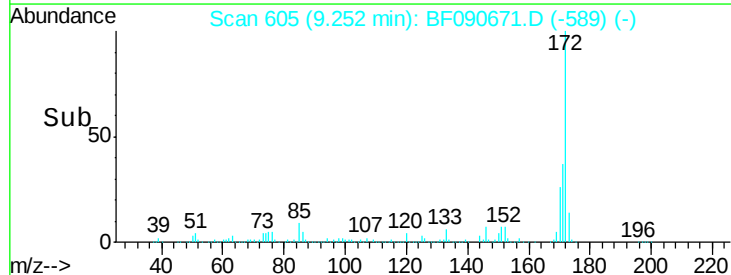


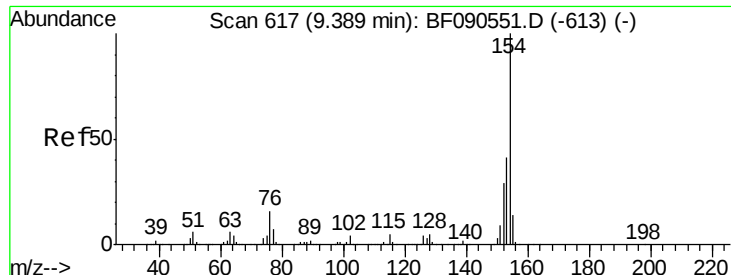
#44
 2-Fluorobiphenyl
 Concen: 73.87 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion:172 Resp: 1931027
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.1 45.1
 170 25.8 20.6 30.8



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

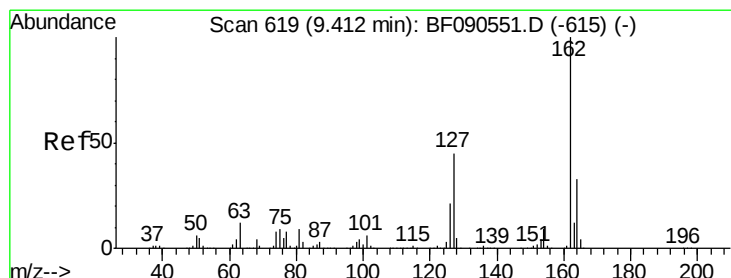
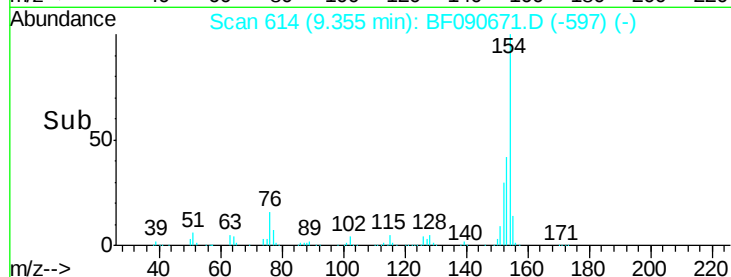
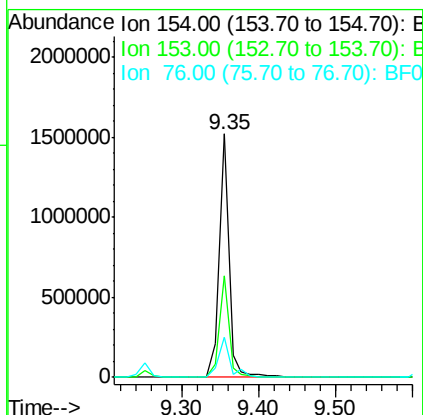
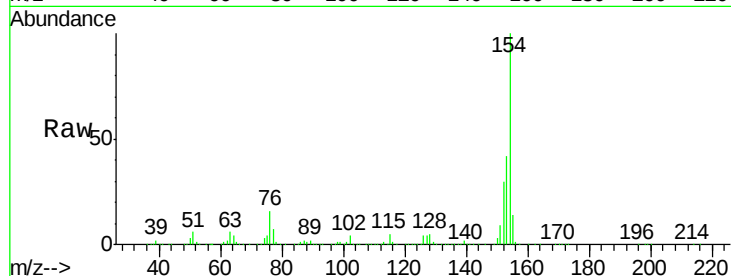




#45
 1,1'-Biphenyl
 Concen: 41.73 ng
 RT: 9.35 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

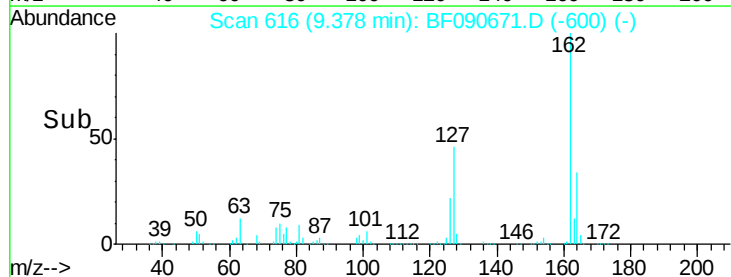
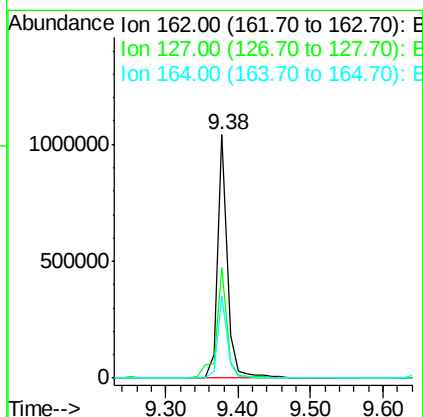
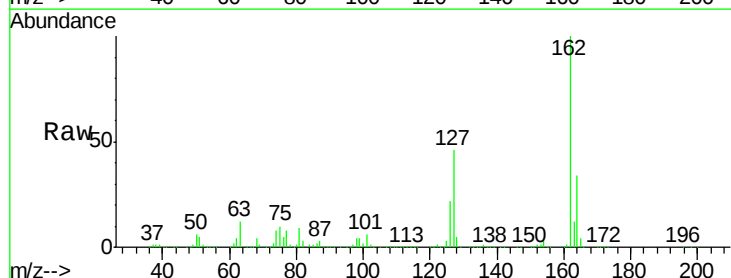
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

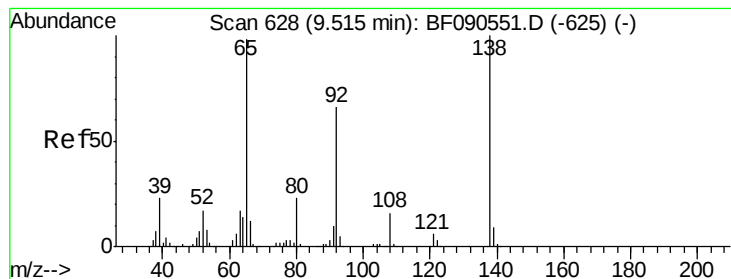
Tgt Ion:154 Resp: 1367812
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.5 61.5
 76 16.2 0.0 36.0



#46
 2-Chloronaphthalene
 Concen: 40.26 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion:162 Resp: 983983
 Ion Ratio Lower Upper
 162 100
 127 45.6 35.9 53.9
 164 33.7 26.7 40.1





#47

2-Nitroaniline

Concen: 43.56 ng

RT: 9.48 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

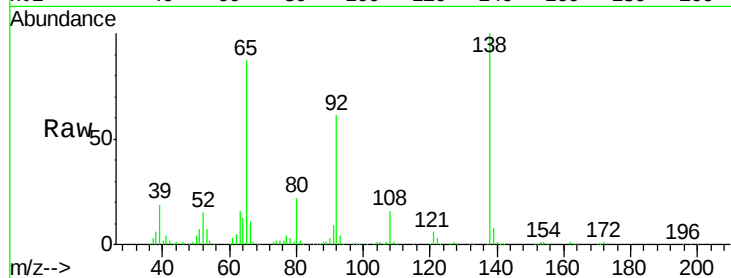
Tgt Ion: 65 Resp: 385964

Ion Ratio Lower Upper

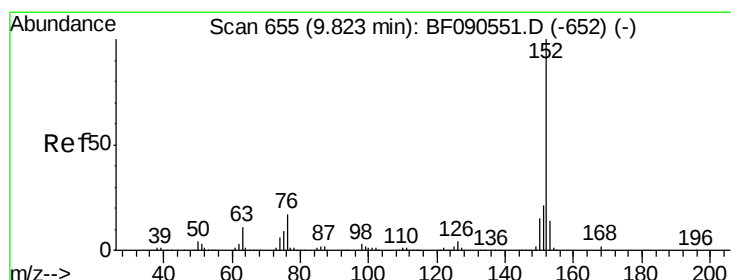
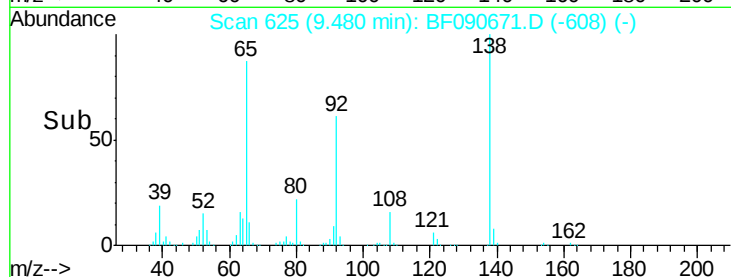
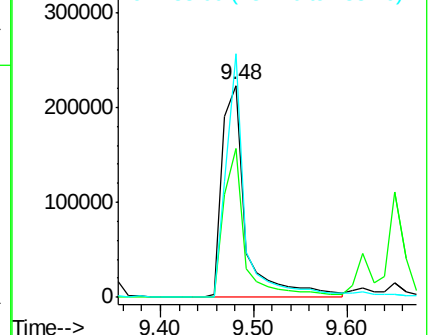
65 100

92 70.0 54.3 81.5

138 115.0 81.7 122.5



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.04 ng

RT: 9.79 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

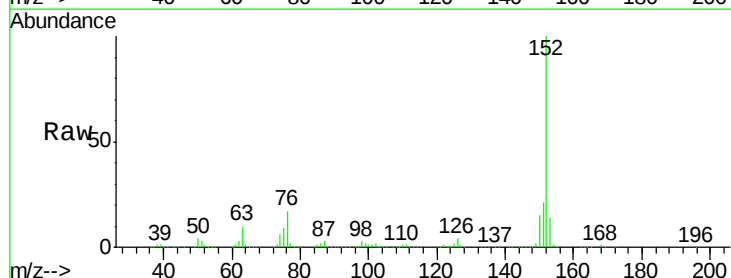
Tgt Ion: 152 Resp: 1519269

Ion Ratio Lower Upper

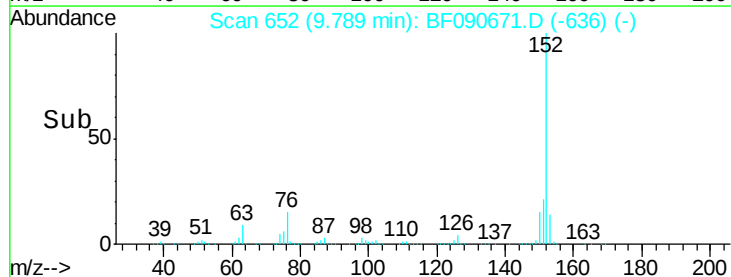
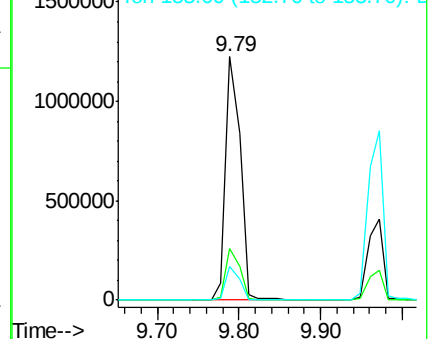
152 100

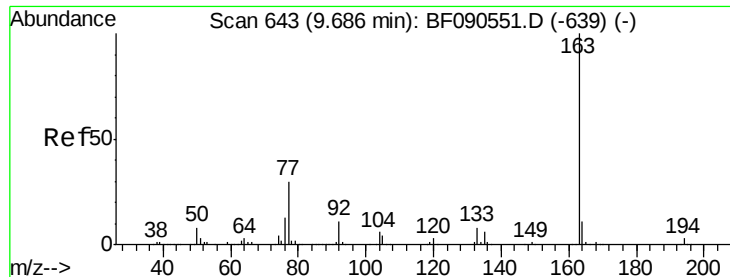
151 21.0 16.6 25.0

153 14.0 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.98 ng

RT: 9.65 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

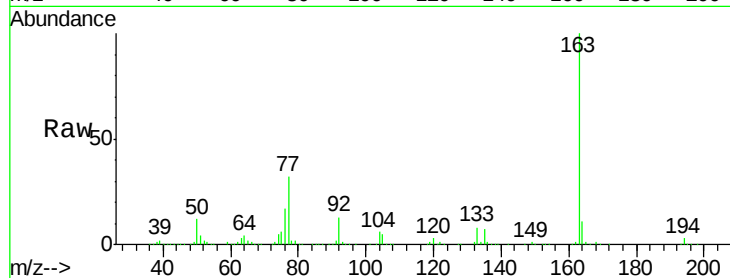
Tgt Ion:163 Resp: 1089356

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

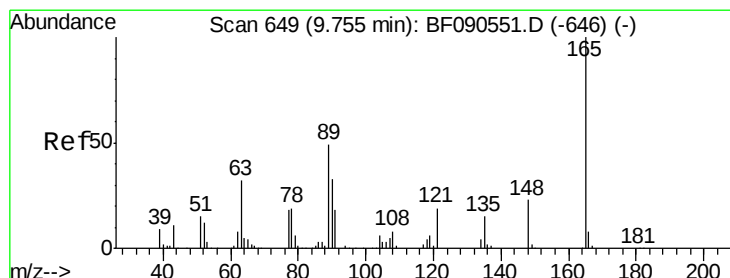
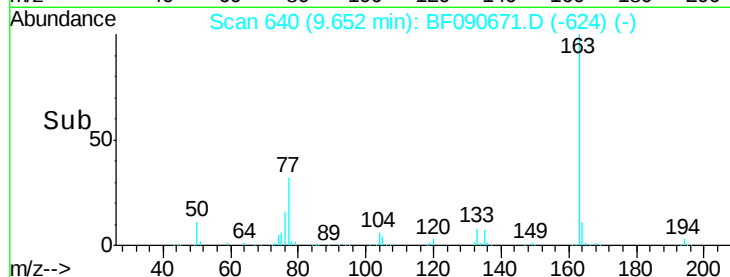
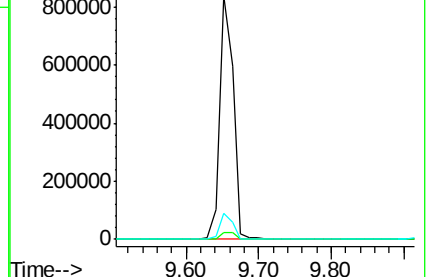
164 10.7 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.83 ng

RT: 9.72 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

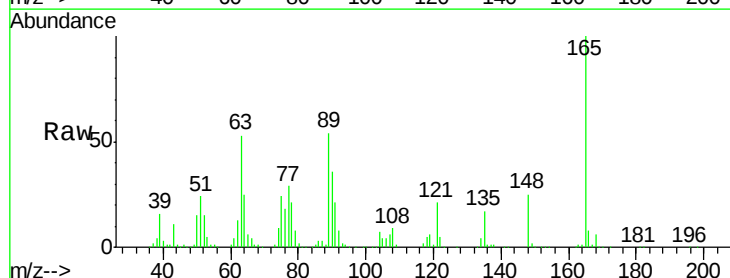
Tgt Ion:165 Resp: 261923

Ion Ratio Lower Upper

165 100

63 53.0 40.1 60.1

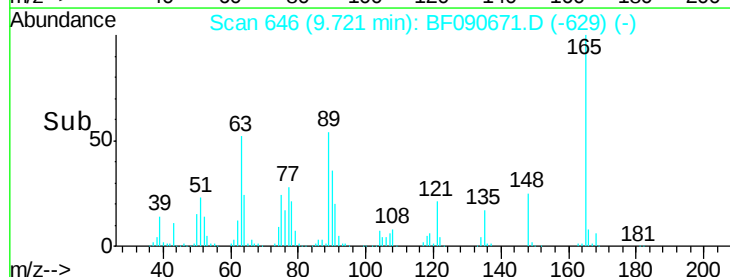
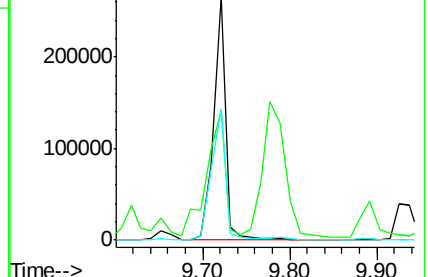
89 54.1 39.5 59.3

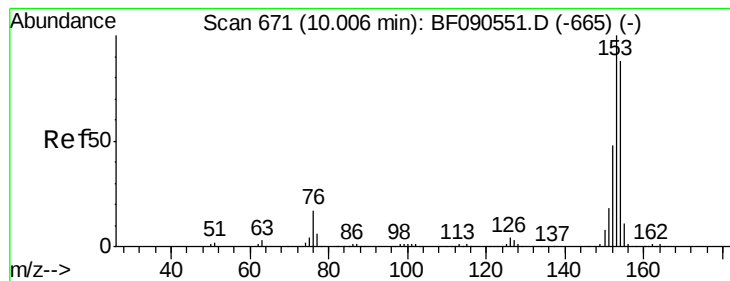


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.87 ng

RT: 9.97 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

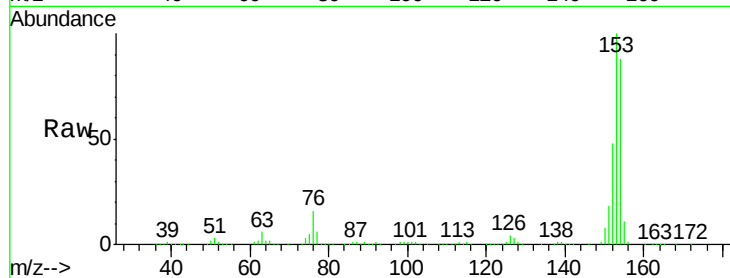
Tgt Ion:154 Resp: 979654

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

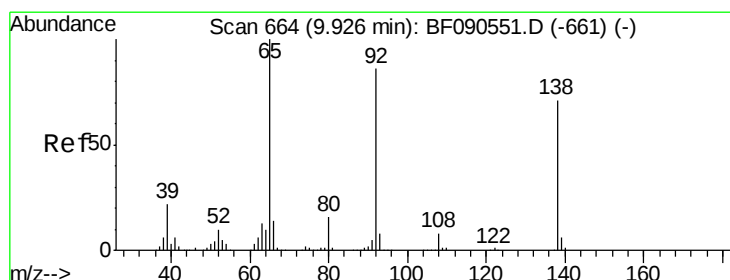
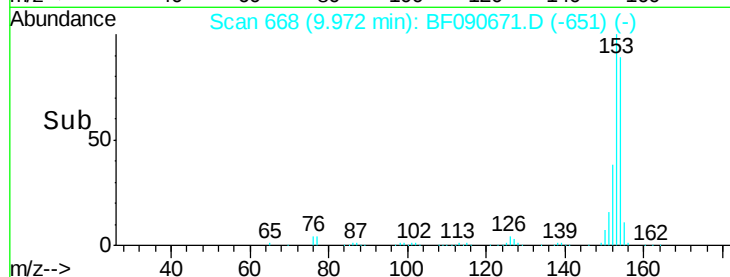
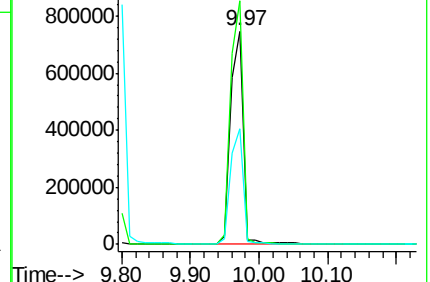
152 54.2 44.0 66.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.20 ng

RT: 9.89 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

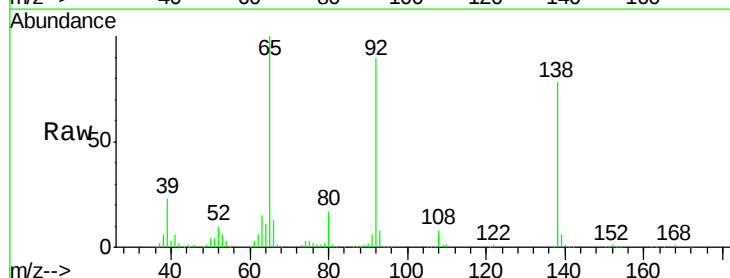
Tgt Ion:138 Resp: 308443

Ion Ratio Lower Upper

138 100

108 9.8 8.6 12.8

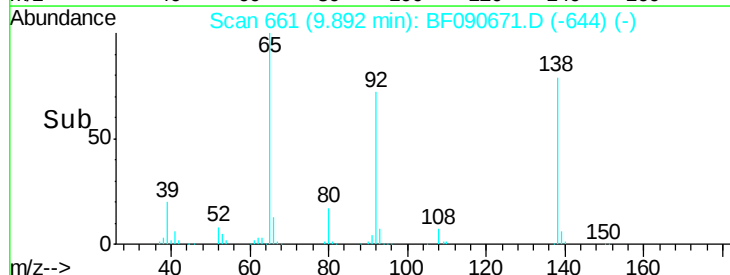
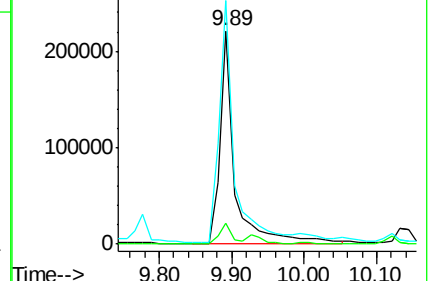
92 114.2 97.8 146.8

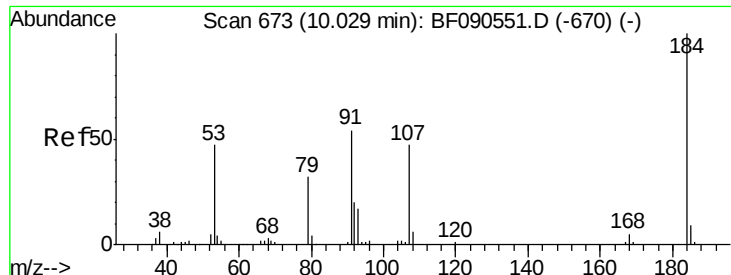


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

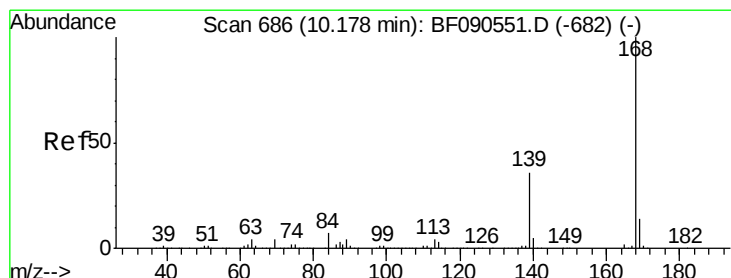
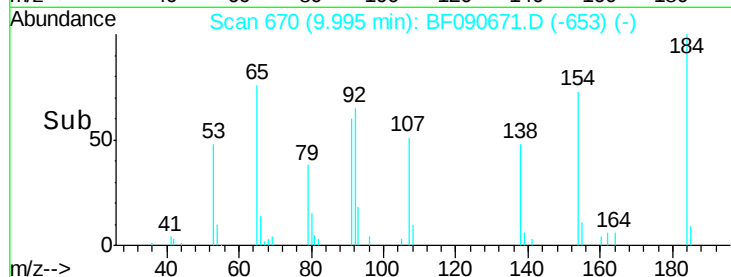
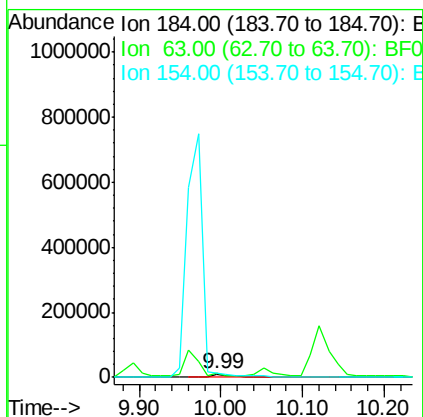
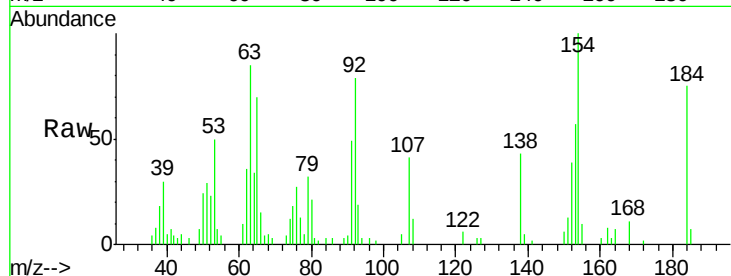




#53
 2,4-Dinitrophenol
 Concen: 12.29 ng
 RT: 9.99 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

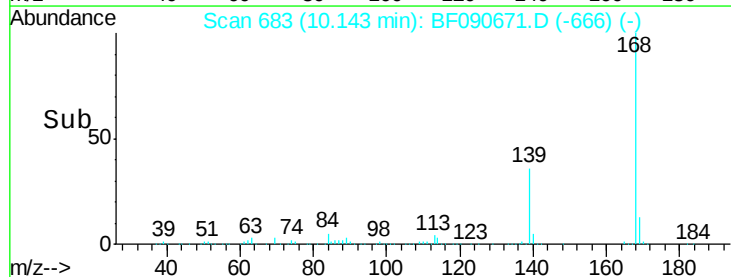
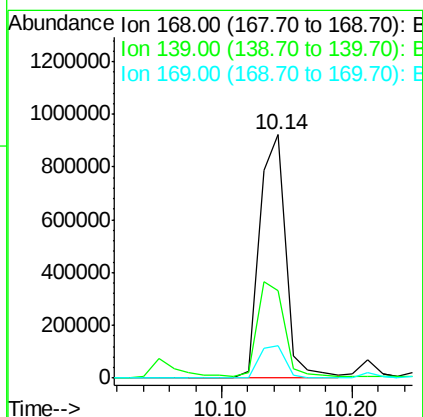
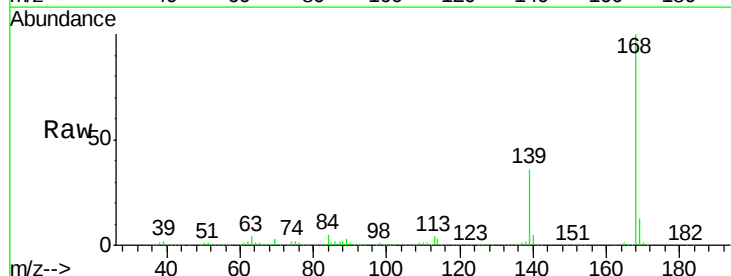
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

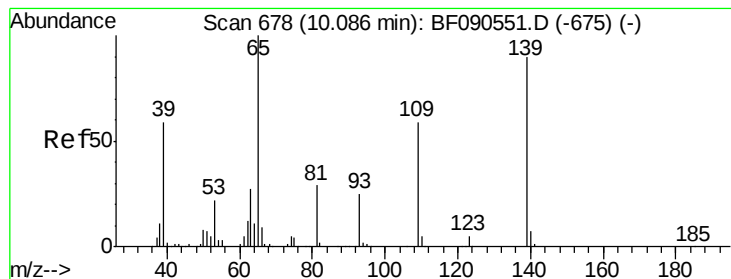
Tgt Ion:184 Resp: 23640
 Ion Ratio Lower Upper
 184 100
 63 113.3 60.2 90.2#
 154 134.0 86.1 129.1#



#54
 Dibenzofuran
 Concen: 37.80 ng
 RT: 10.14 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion:168 Resp: 1286086
 Ion Ratio Lower Upper
 168 100
 139 36.1 30.5 45.7
 169 13.3 10.9 16.3





#55

4-Nitrophenol

Concen: 24.81 ng

RT: 10.05 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

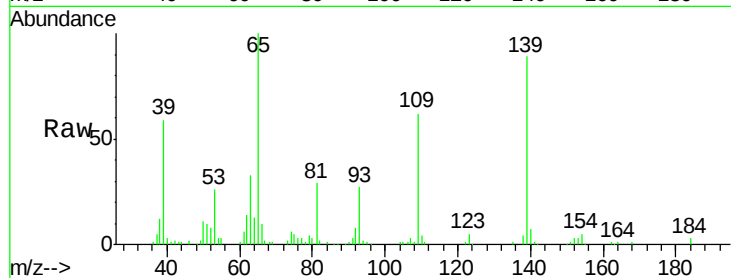
Tgt Ion:139 Resp: 114575

Ion Ratio Lower Upper

139 100

109 69.9 45.9 85.9

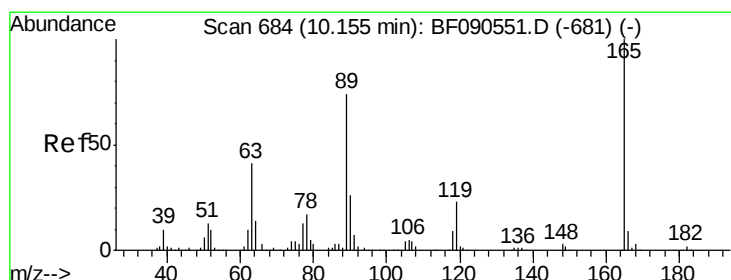
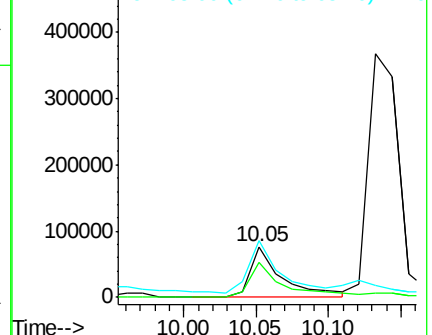
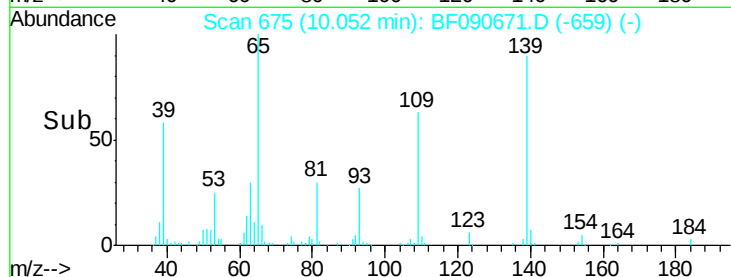
65 112.8 95.8 135.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.20 ng

RT: 10.12 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion:165 Resp: 325623

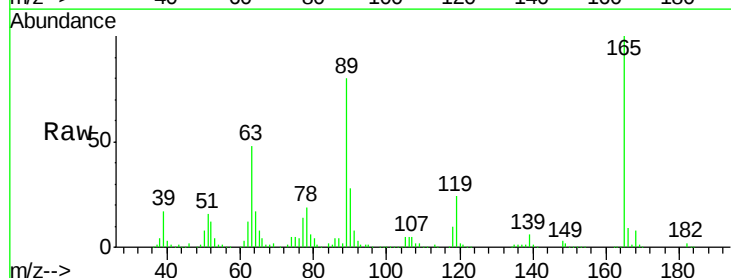
Ion Ratio Lower Upper

165 100

63 48.0 35.4 53.0

89 79.7 59.0 88.4

182 2.0 1.8 2.6

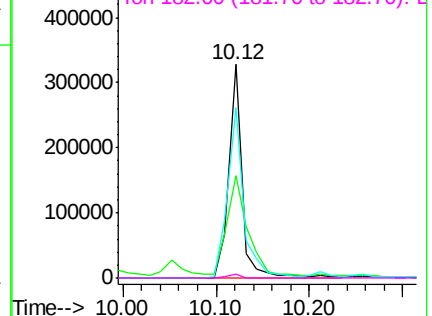
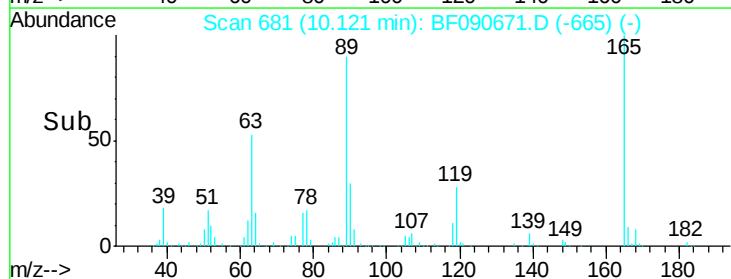


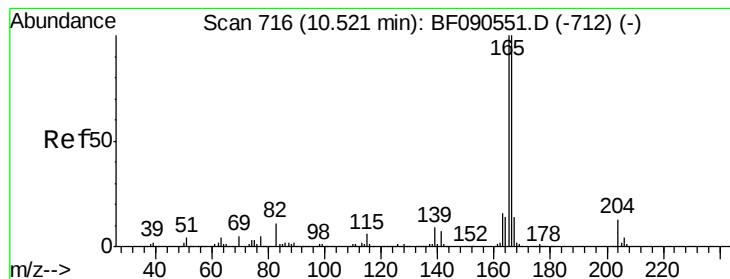
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.37 ng

RT: 10.49 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

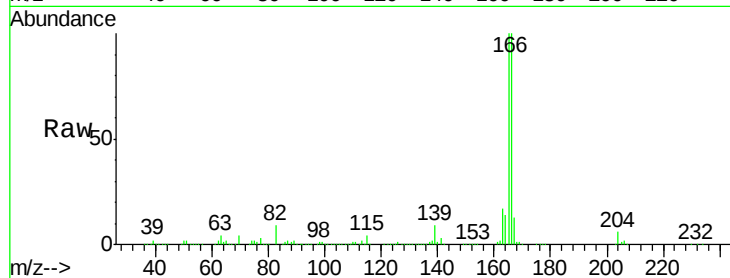
Tgt Ion:166 Resp: 1076935

Ion Ratio Lower Upper

166 100

165 99.6 79.9 119.9

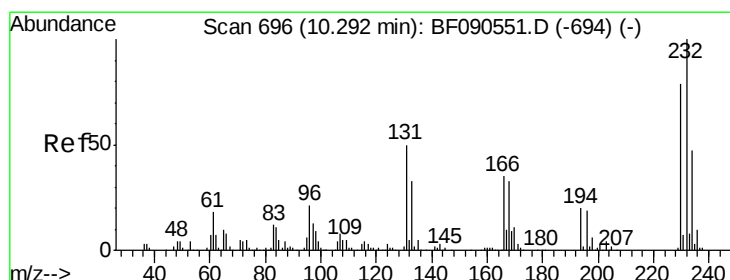
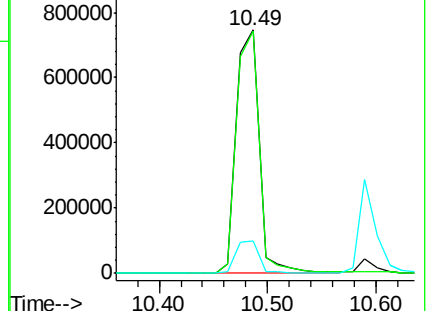
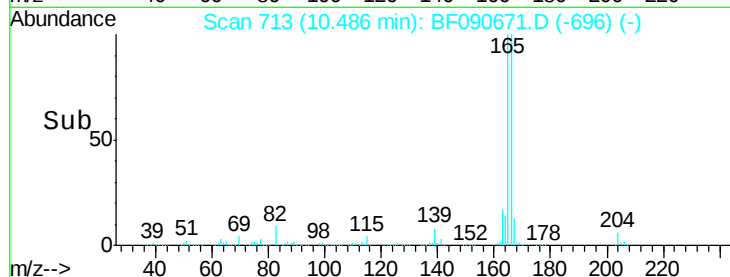
167 13.1 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.91 ng

RT: 10.26 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion:232 Resp: 210627

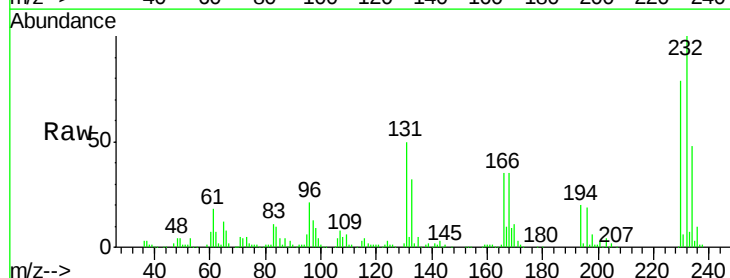
Ion Ratio Lower Upper

232 100

131 55.3 42.6 64.0

130 2.5 1.8 2.8

166 34.2 27.5 41.3

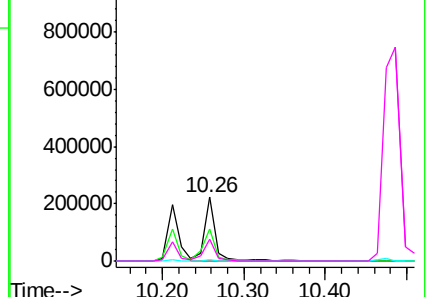
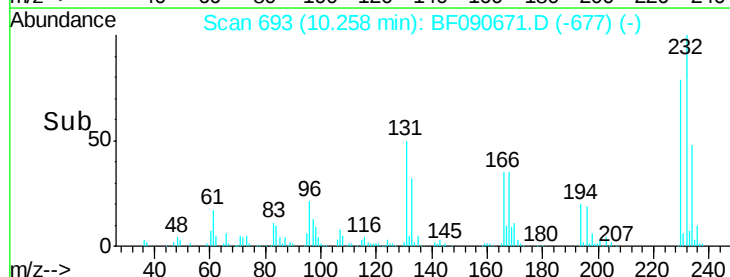


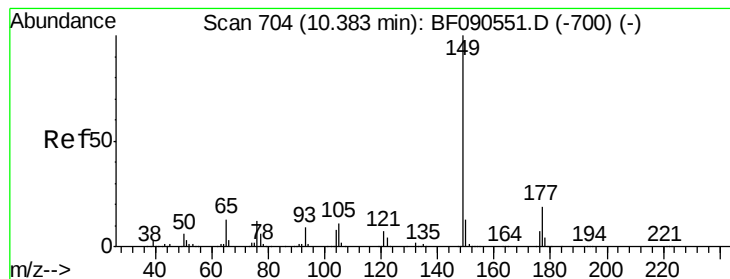
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.66 ng

RT: 10.35 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

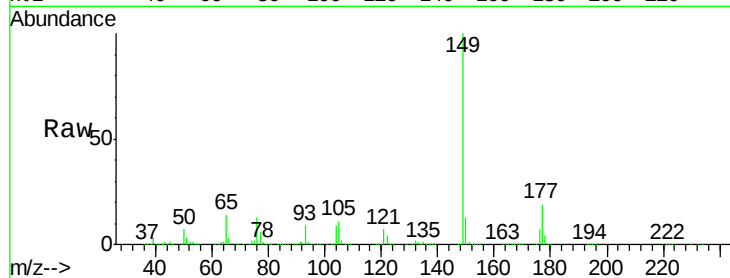
Tgt Ion:149 Resp: 1124160

Ion Ratio Lower Upper

149 100

177 18.8 15.3 22.9

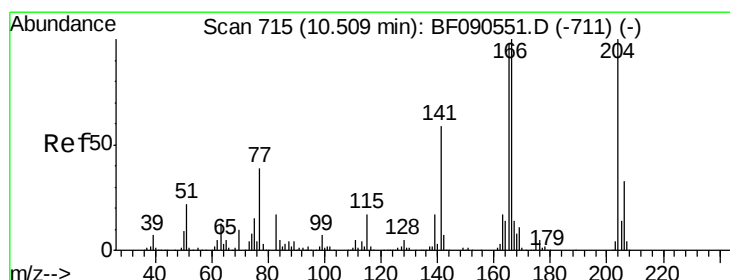
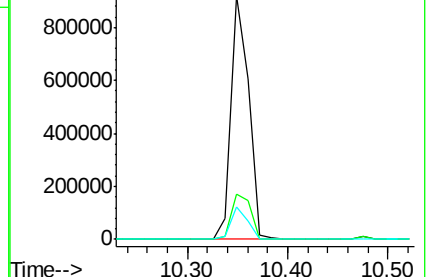
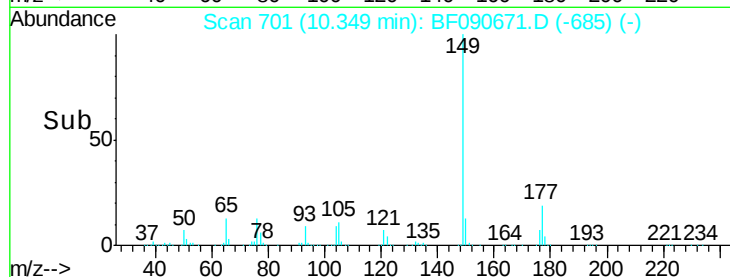
150 13.1 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.57 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

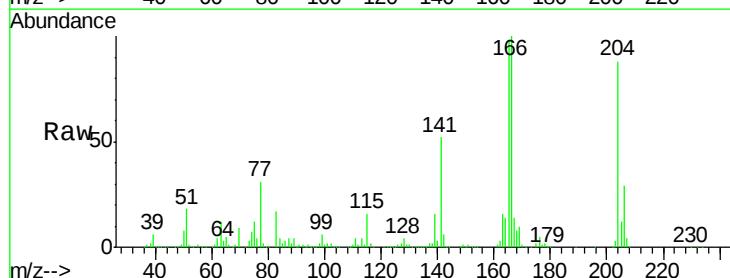
Tgt Ion:204 Resp: 536723

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

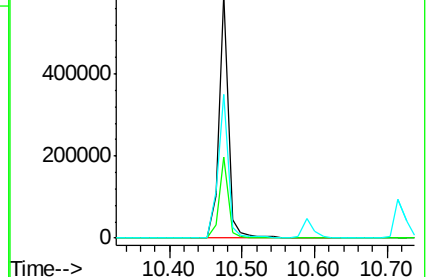
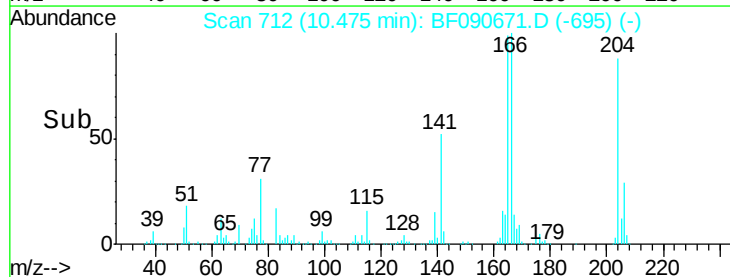
141 59.2 47.2 70.8

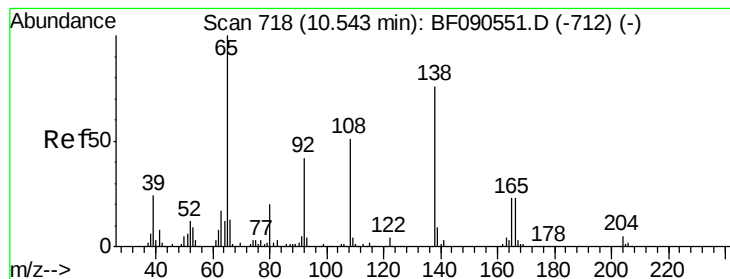


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.01 ng

RT: 10.51 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

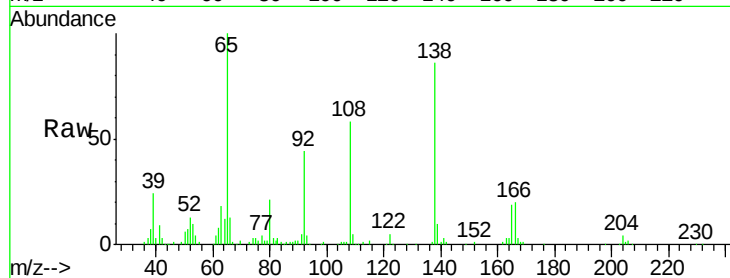
Tgt Ion:138 Resp: 284768

Ion Ratio Lower Upper

138 100

92 51.4 35.7 75.7

108 67.6 46.9 86.9



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

150000

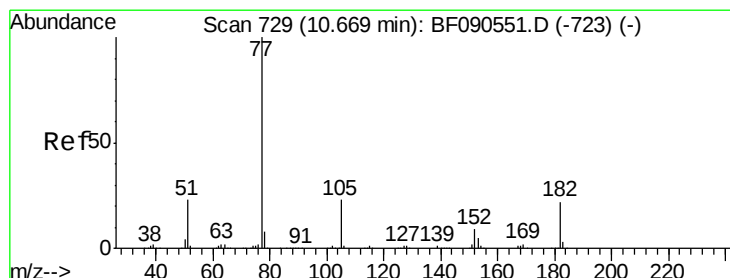
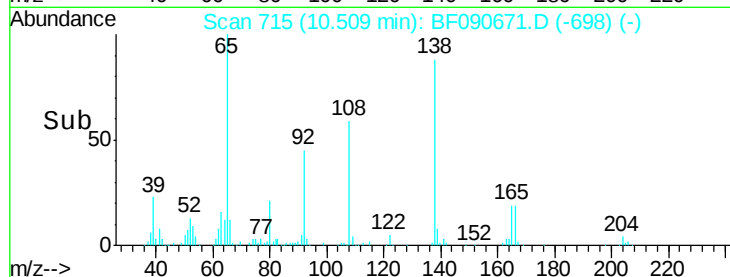
100000

50000

0

10.40 10.51 10.60

Time-->



#62

Azobenzene

Concen: 43.07 ng

RT: 10.63 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion: 77 Resp: 1412079

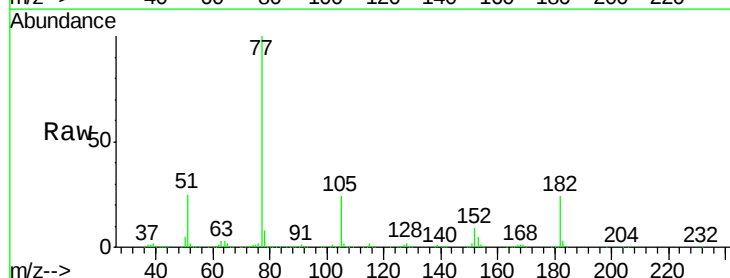
Ion Ratio Lower Upper

77 100

182 23.8 2.2 42.2

105 24.2 3.5 43.5

51 24.6 3.7 43.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

1500000

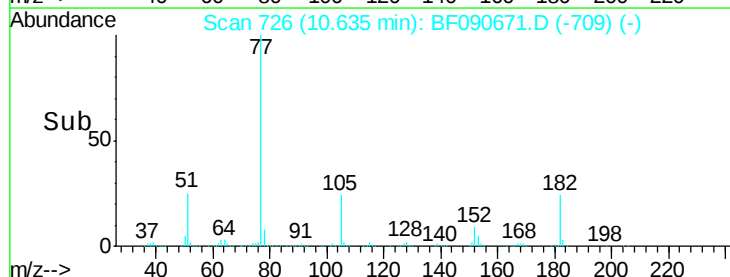
1000000

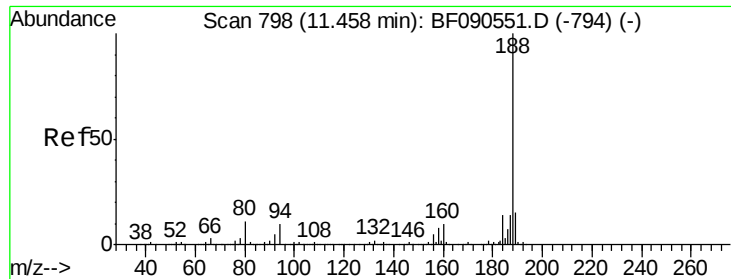
500000

0

10.50 10.63 10.70 10.80

Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 794

Delta R.T. -0.01 min

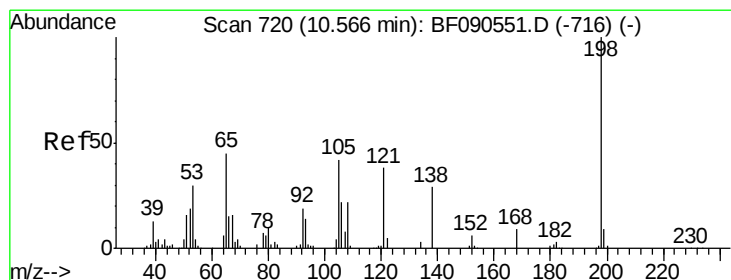
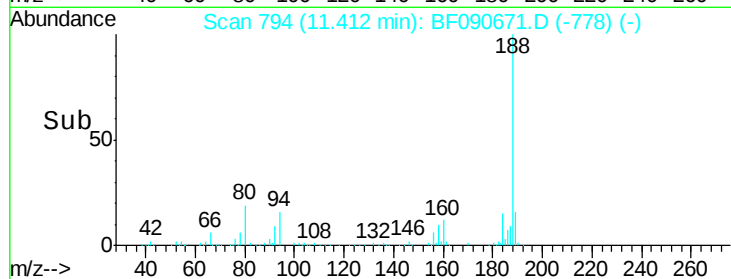
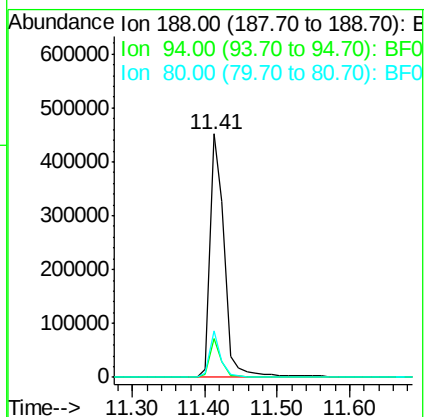
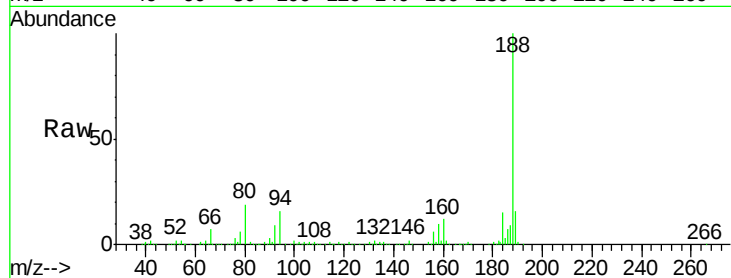
Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 617168

Ion	Ratio	Lower	Upper
188	100		
94	16.0	7.7	11.5#
80	18.9	8.6	12.8#



#64

4,6-Dinitro-2-methylphenol

Concen: 12.16 ng

RT: 10.53 min Scan# 717

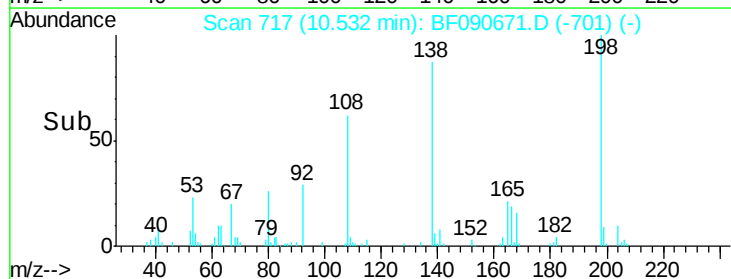
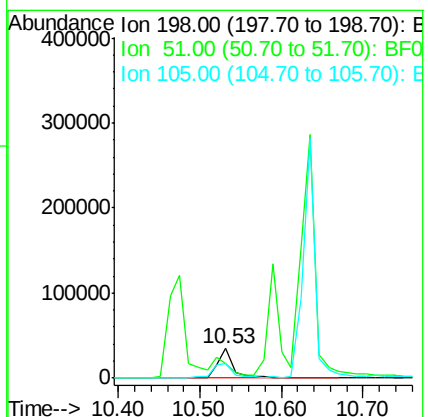
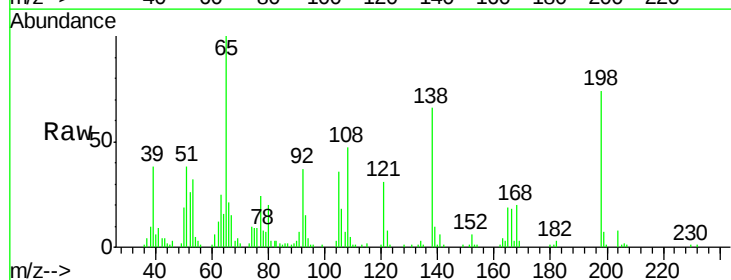
Delta R.T. -0.01 min

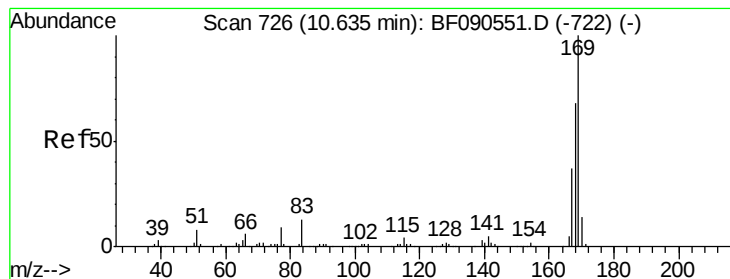
Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion:198 Resp: 45410

Ion	Ratio	Lower	Upper
198	100		
51	51.2	19.7	59.7
105	48.7	22.6	62.6





#65

n-Nitrosodiphenylamine

Concen: 41.40 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

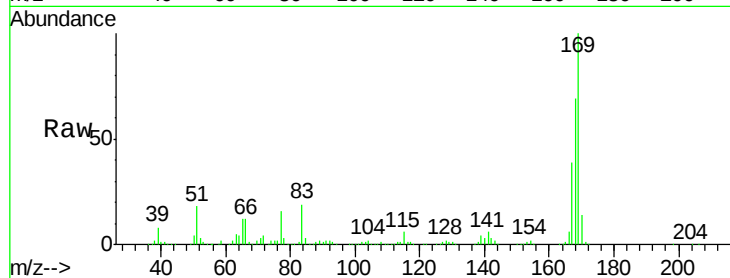
Tgt Ion:169 Resp: 843991

Ion Ratio Lower Upper

169 100

168 69.4 54.6 81.8

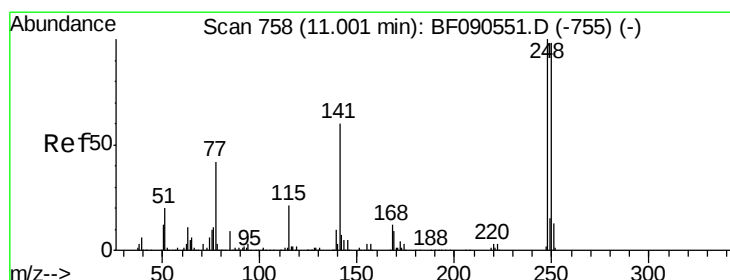
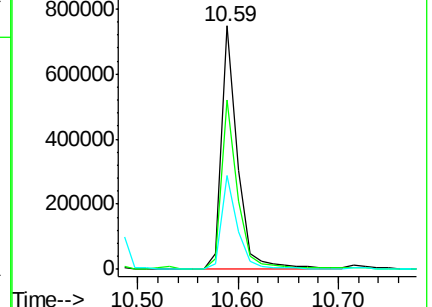
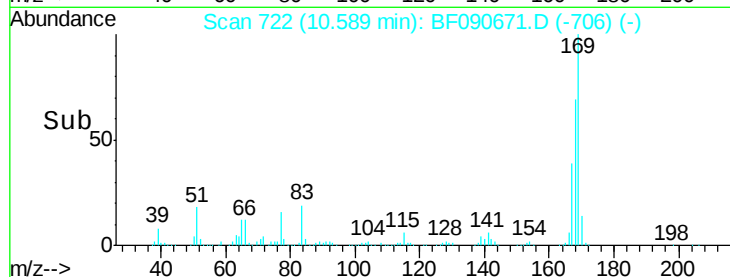
167 38.6 29.8 44.8



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: 39.22 ng

RT: 10.97 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

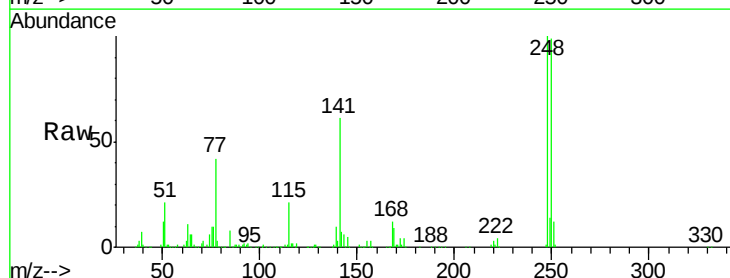
Tgt Ion:248 Resp: 259733

Ion Ratio Lower Upper

248 100

250 99.0 78.4 117.6

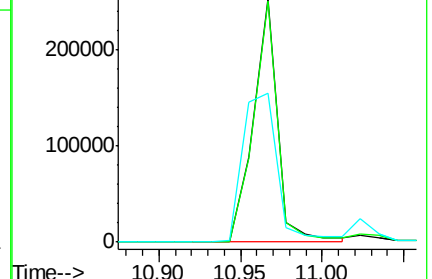
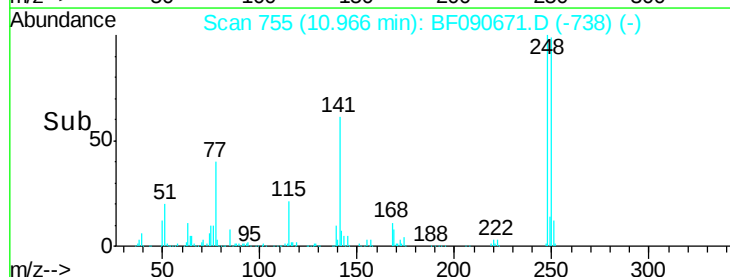
141 61.1 48.4 72.6

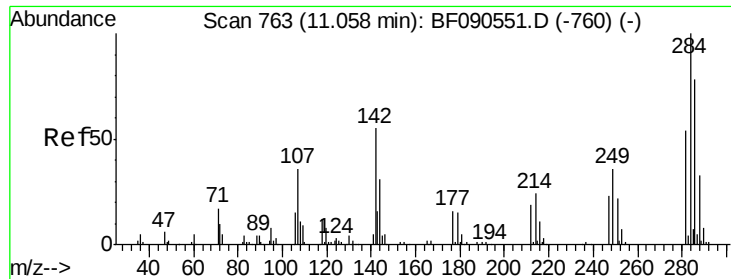


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

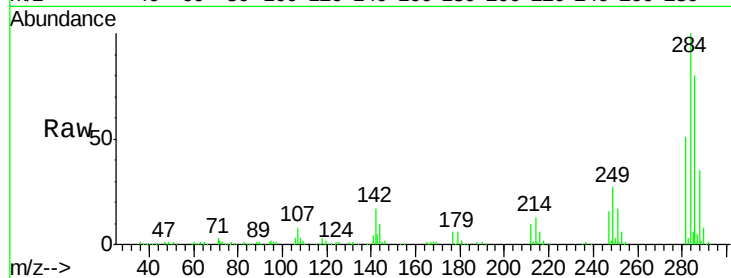




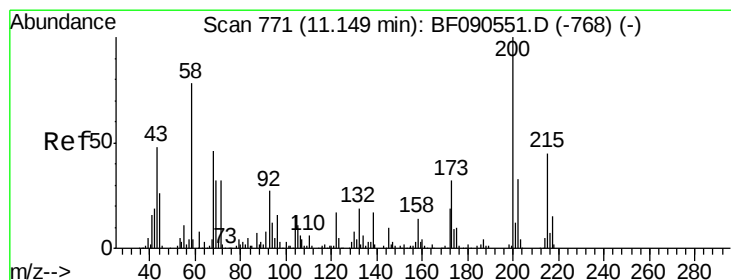
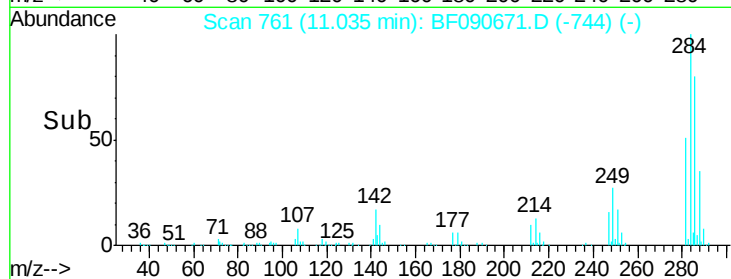
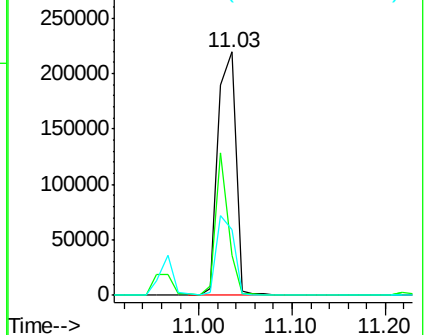
#67
Hexachlorobenzene
Concen: 40.49 ng
RT: 11.03 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 291084
Ion Ratio Lower Upper
284 100
142 16.7 44.5 66.7#
249 26.8 29.6 44.4#

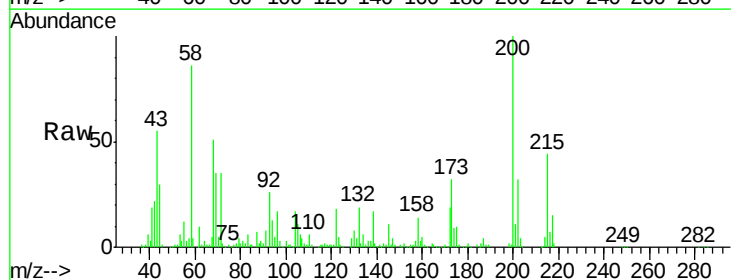


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

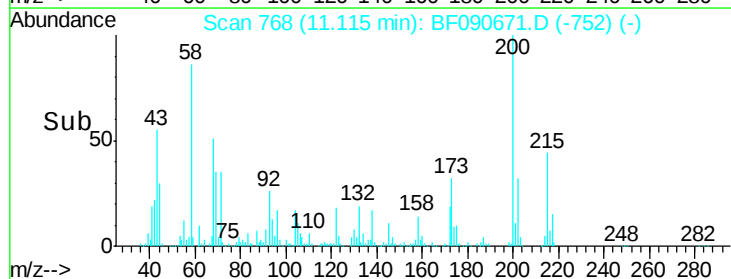
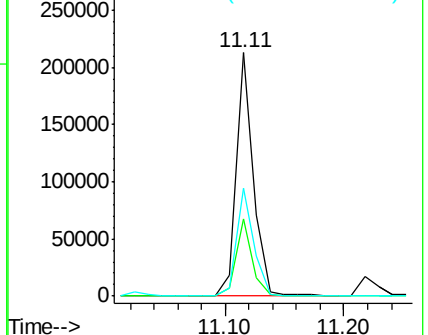


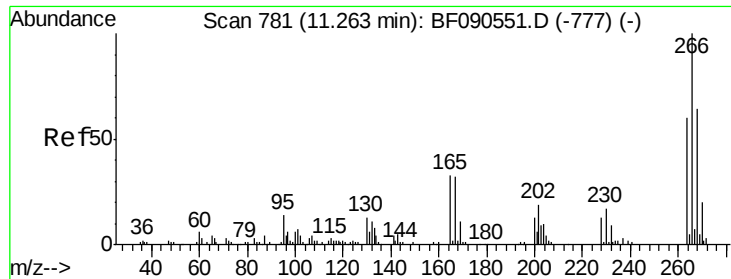
#68
Atrazine
Concen: 37.87 ng
RT: 11.11 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion:200 Resp: 213508
Ion Ratio Lower Upper
200 100
173 31.9 12.0 52.0
215 44.2 25.2 65.2



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

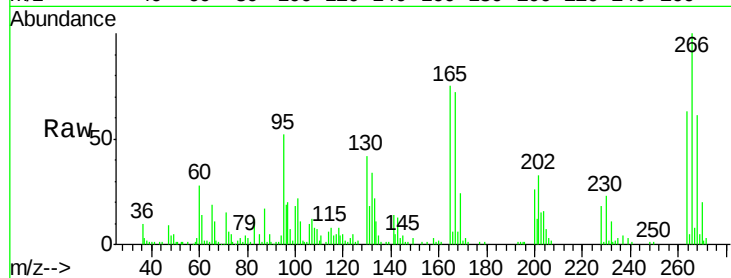




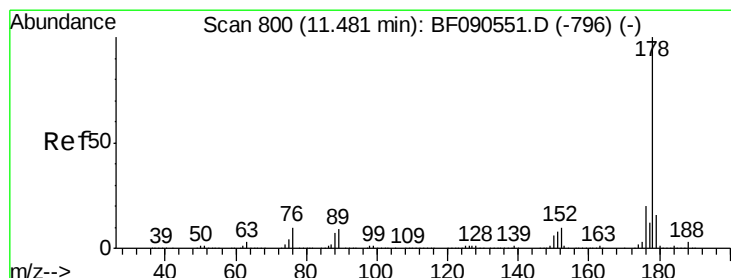
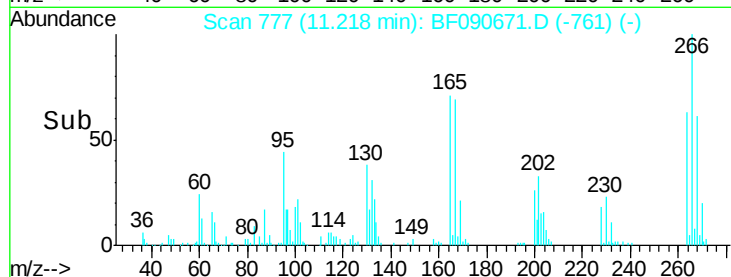
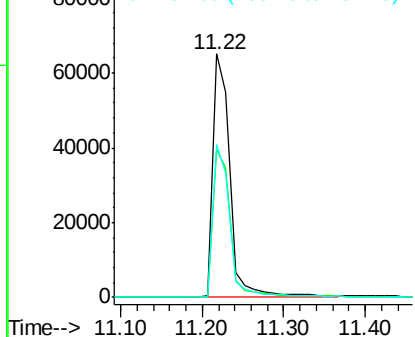
#69
 Pentachlorophenol
 Concen: 26.97 ng
 RT: 11.22 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 96096
 Ion Ratio Lower Upper
 266 100
 268 60.6 51.5 77.3
 264 62.6 47.9 71.9

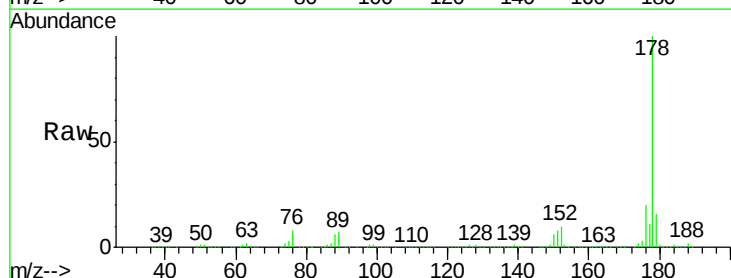


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

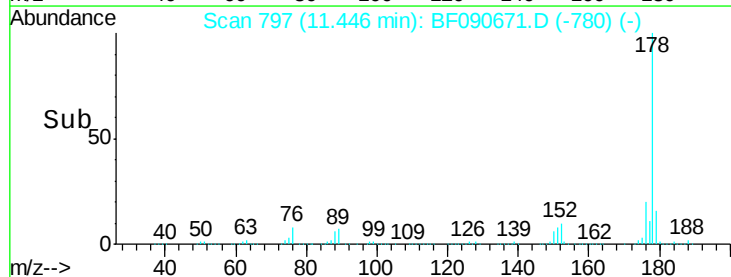
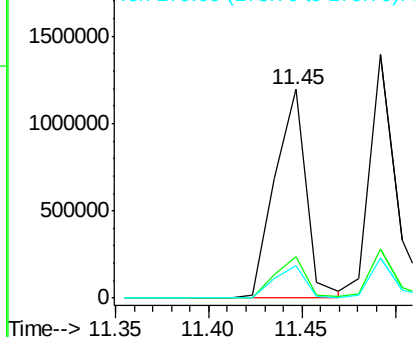


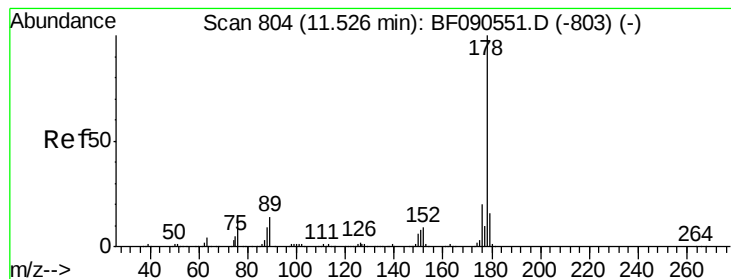
#70
 Phenanthrene
 Concen: 42.15 ng
 RT: 11.45 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion: 178 Resp: 1388797
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.1 24.1
 179 15.7 12.6 19.0



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





#71

Anthracene

Concen: 39.47 ng

RT: 11.49 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

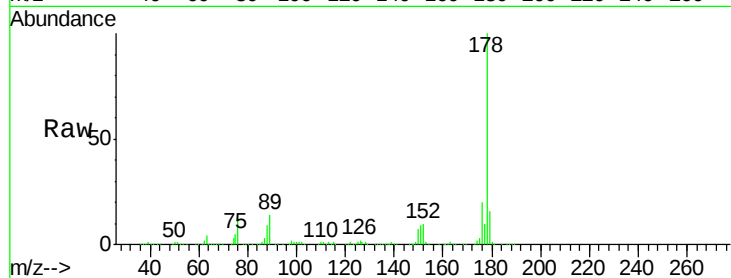
Tgt Ion:178 Resp: 1399434

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

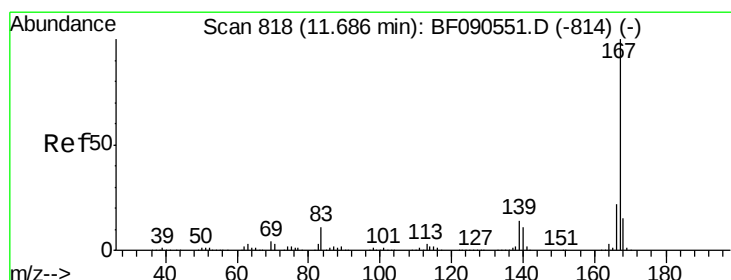
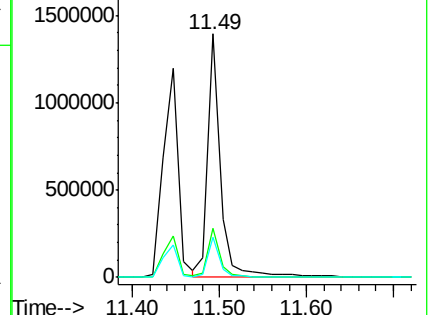
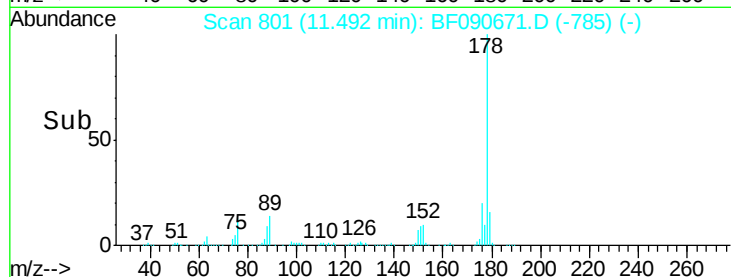
179 16.3 13.0 19.4



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: 40.15 ng

RT: 11.65 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

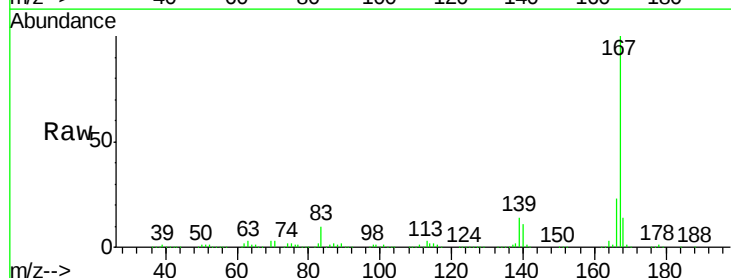
Tgt Ion:167 Resp: 1274450

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.8

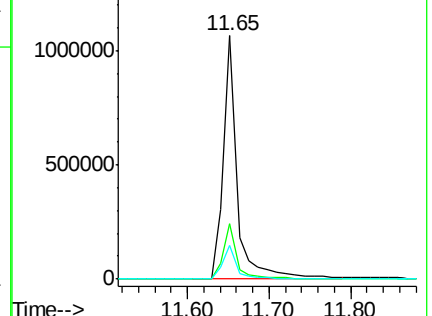
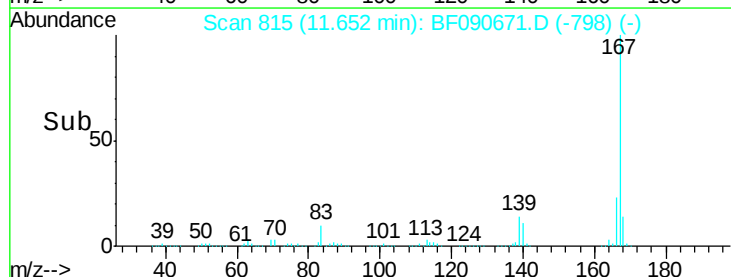
139 14.0 11.3 16.9

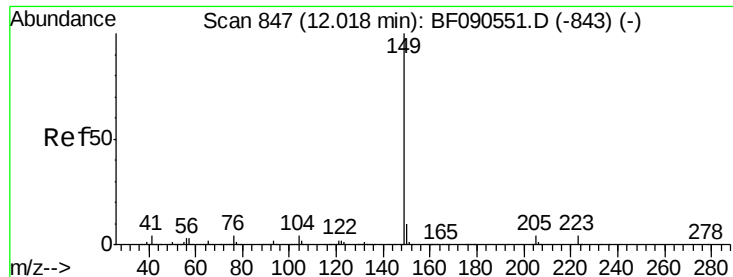


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

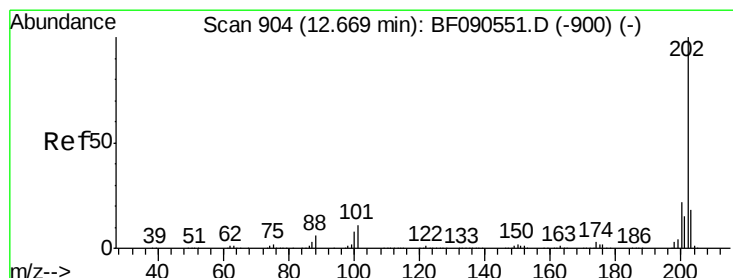
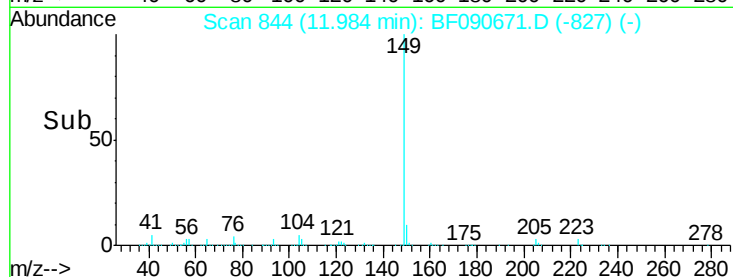
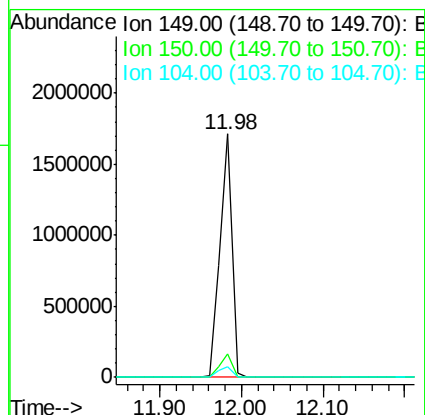
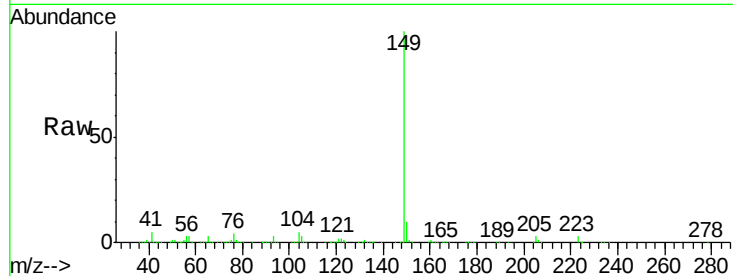




#73
Di-n-butylphthalate
Concen: 47.21 ng
RT: 11.98 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

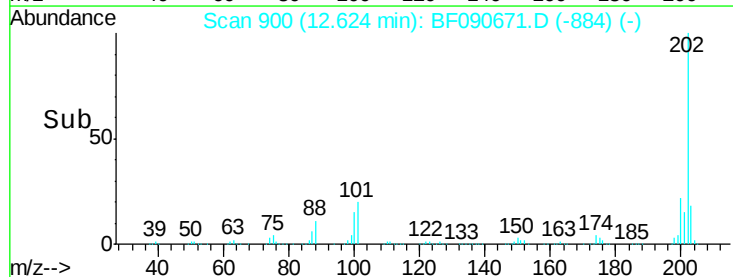
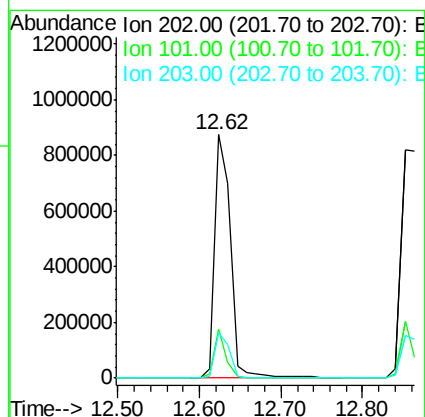
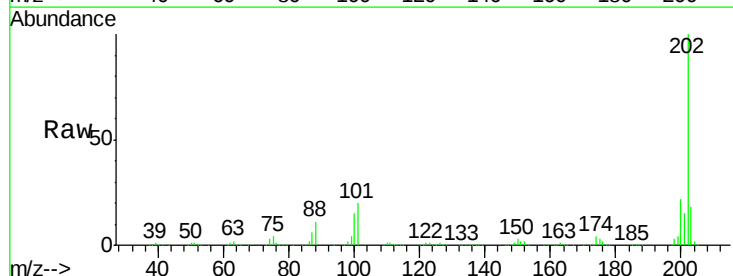
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

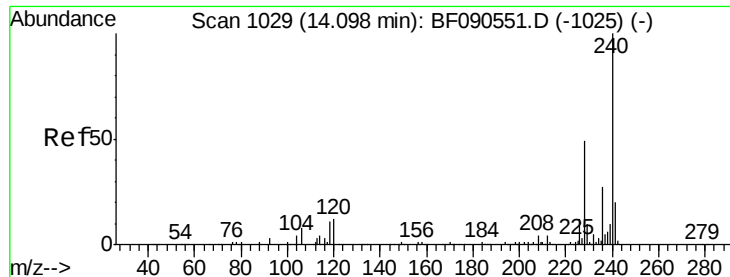
Tgt Ion:149 Resp: 1755475
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.6 3.3 4.9



#74
Fluoranthene
Concen: 35.95 ng
RT: 12.62 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion:202 Resp: 1191260
Ion Ratio Lower Upper
202 100
101 20.3 0.0 31.1
203 18.4 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

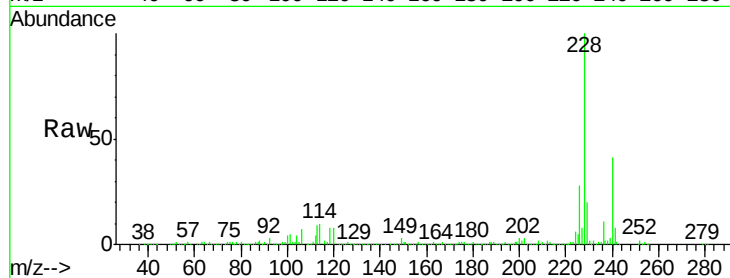
Tgt Ion:240 Resp: 446268

Ion Ratio Lower Upper

240 100

120 20.6 9.8 14.8#

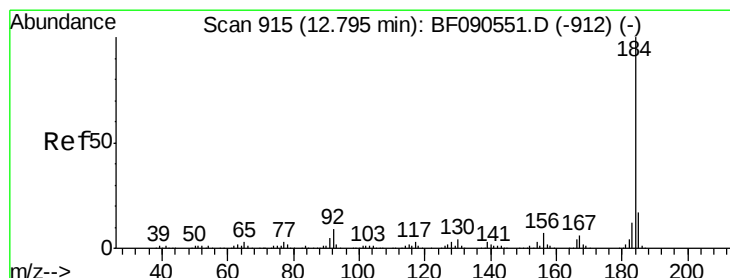
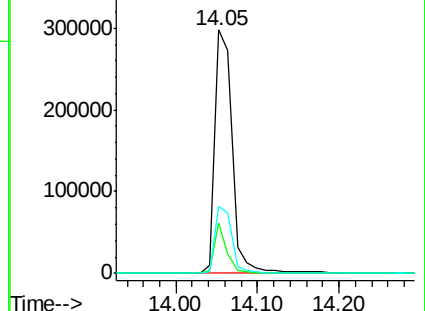
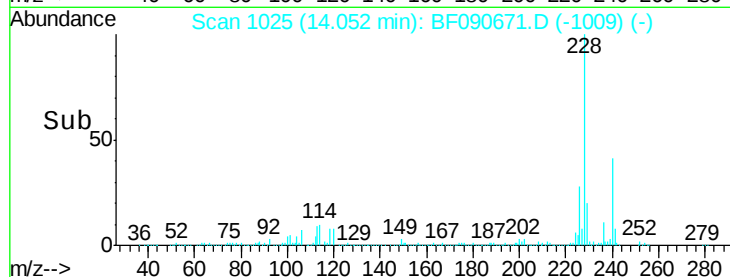
236 27.6 21.7 32.5



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: 26.88 ng

RT: 12.76 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

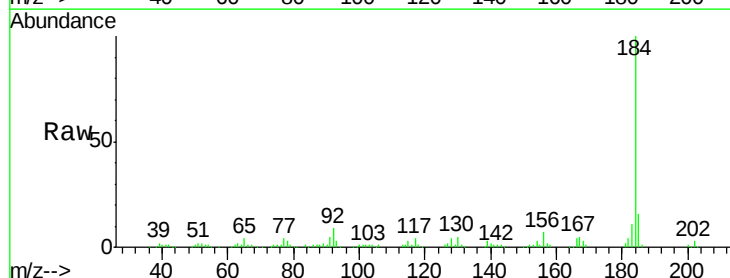
Tgt Ion:184 Resp: 298474

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.0

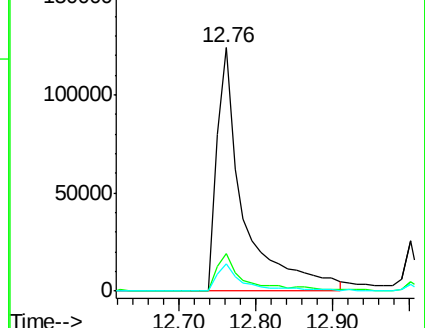
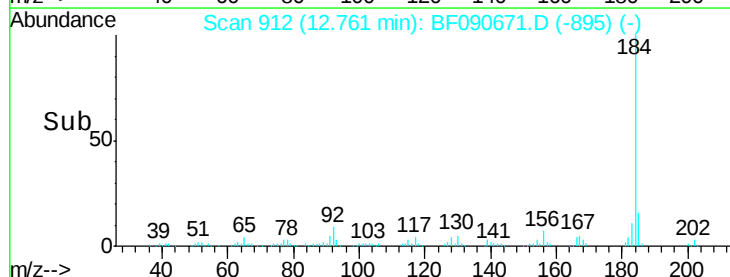
183 11.2 9.4 14.0

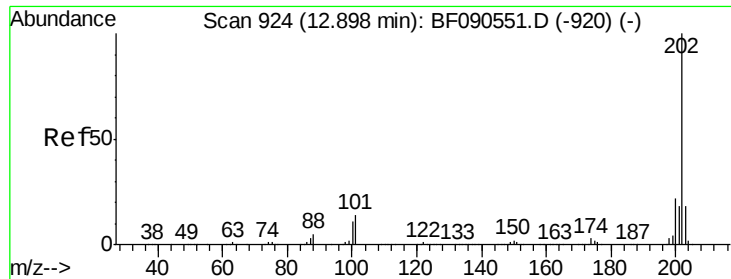


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.58 ng

RT: 12.85 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

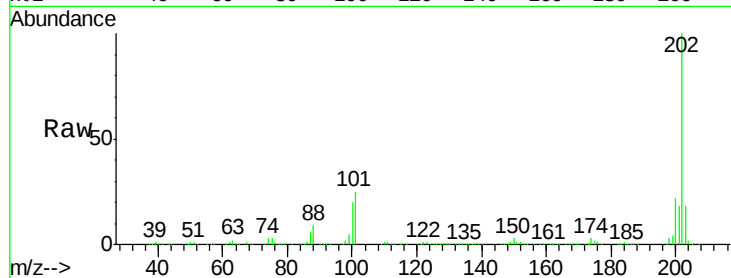
Tgt Ion:202 Resp: 1199402

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

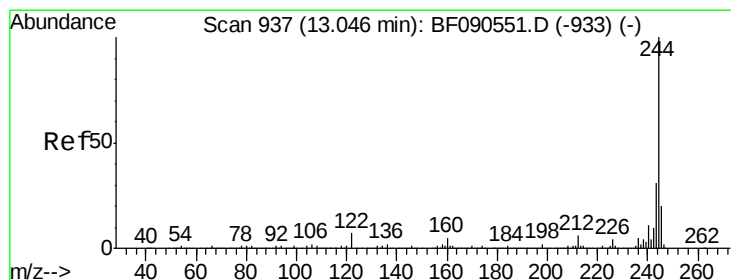
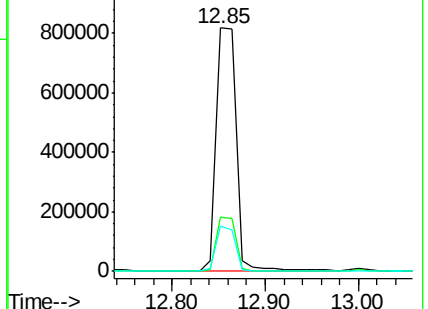
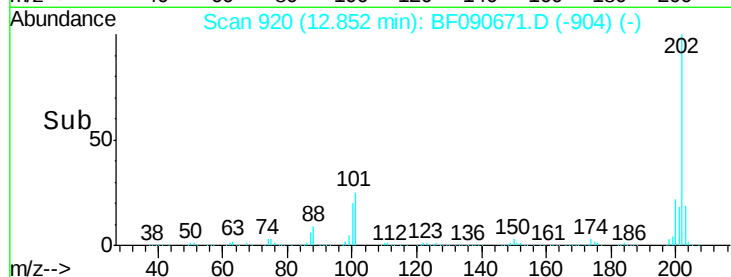
203 18.5 14.6 21.8



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: 82.28 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

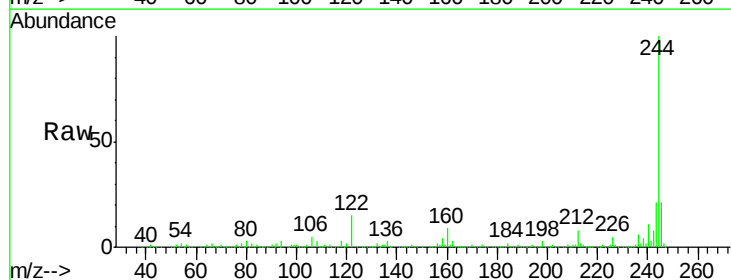
Tgt Ion:244 Resp: 1577103

Ion Ratio Lower Upper

244 100

212 7.8 5.0 7.4#

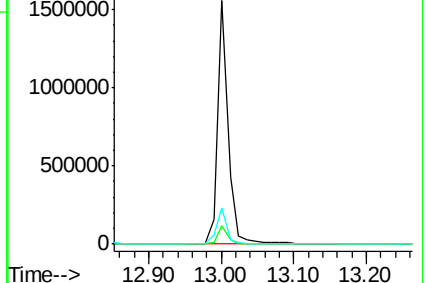
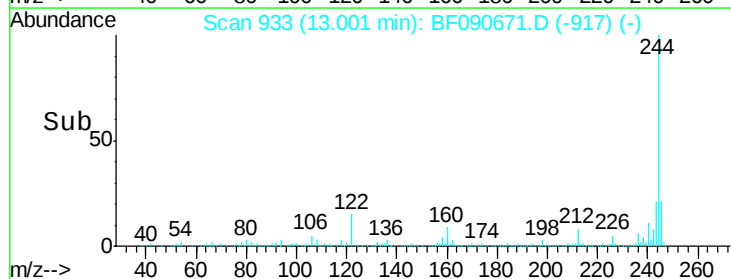
122 15.0 5.6 8.4#

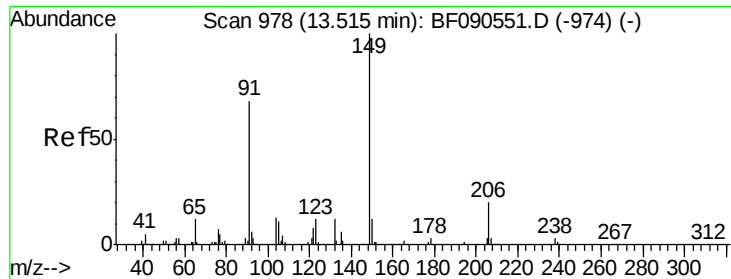


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

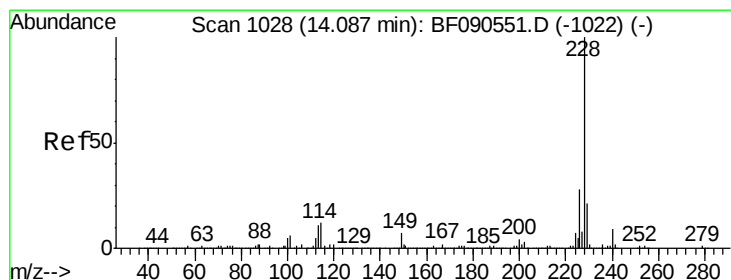
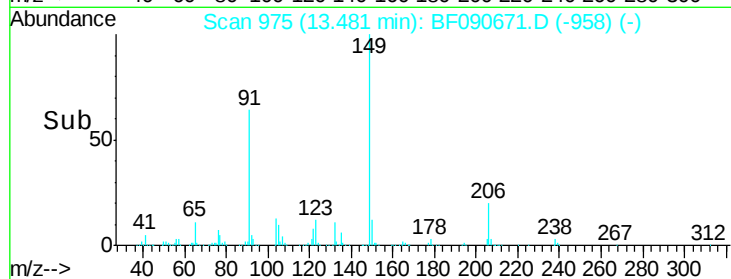
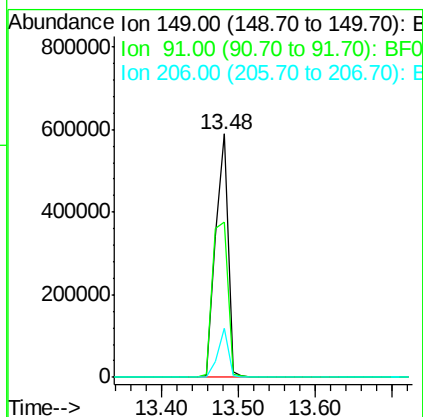
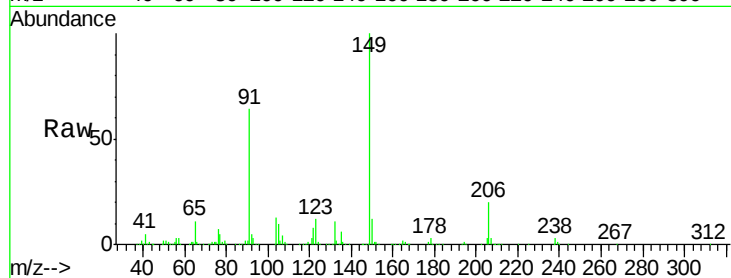




#79
Butylbenzylphthalate
Concen: 50.51 ng
RT: 13.48 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

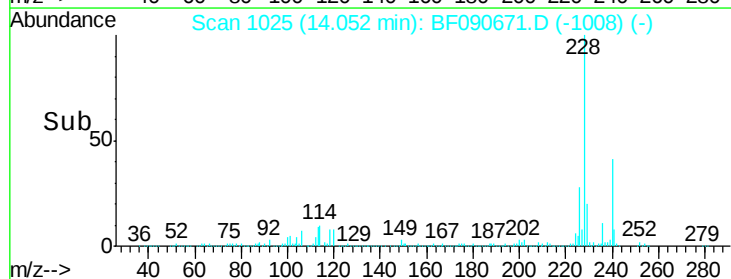
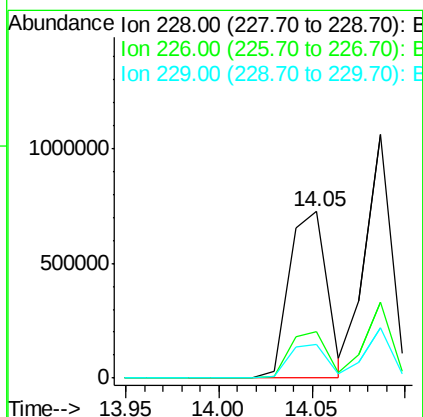
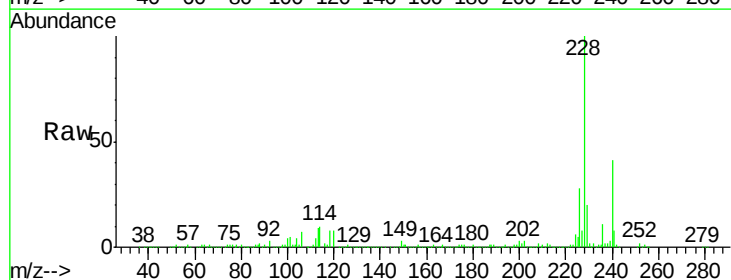
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.6	54.3	81.5
206	20.0	15.8	23.6



#80
Benzo(a)anthracene
Concen: 40.40 ng
RT: 14.05 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.8	34.2
229	20.0	16.6	25.0

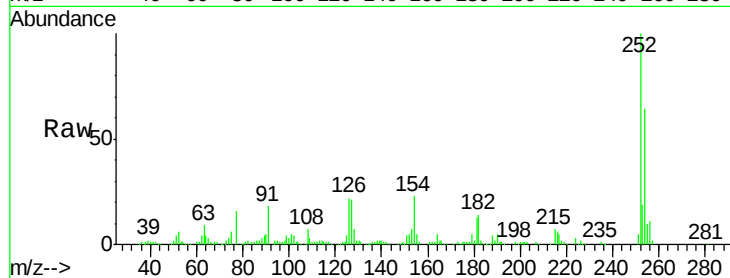




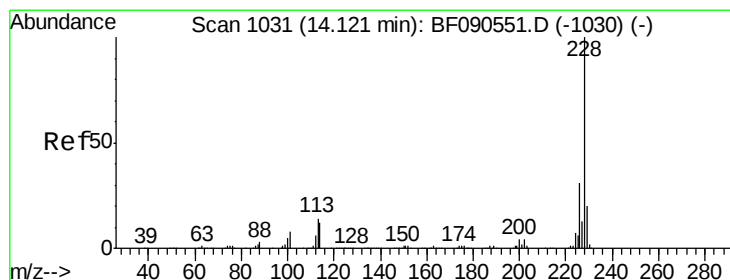
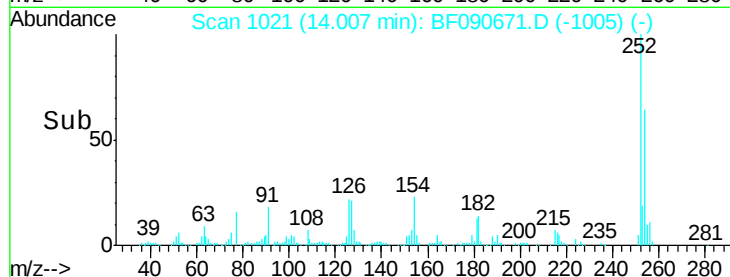
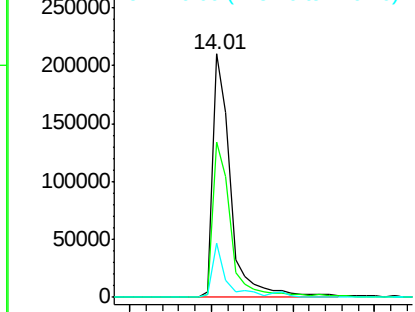
#81
 3,3'-Dichlorobenzidine
 Concen: 37.18 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 322732
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.1 78.1
 126 22.0 9.3 13.9#

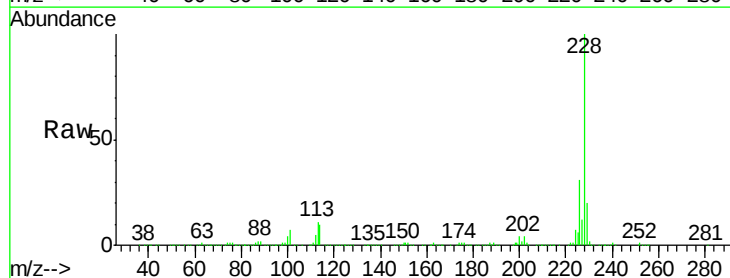


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

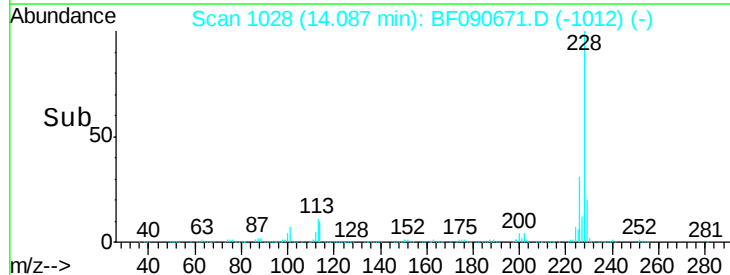
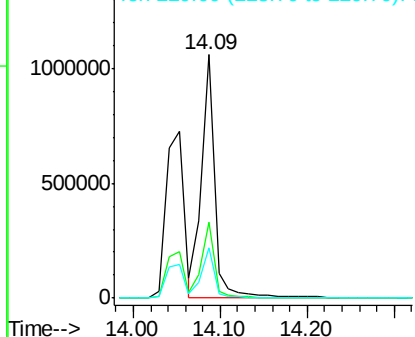


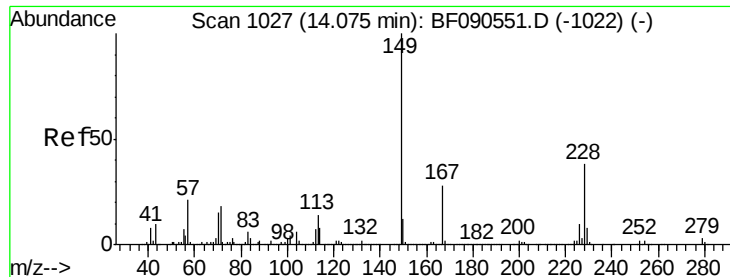
#82
 Chrysene
 Concen: 45.34 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion:228 Resp: 1109837
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.8 37.2
 229 20.4 16.2 24.4



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

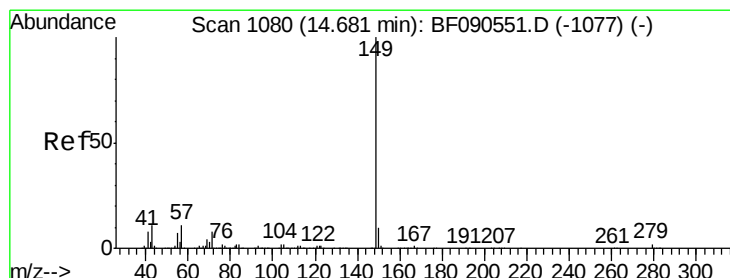
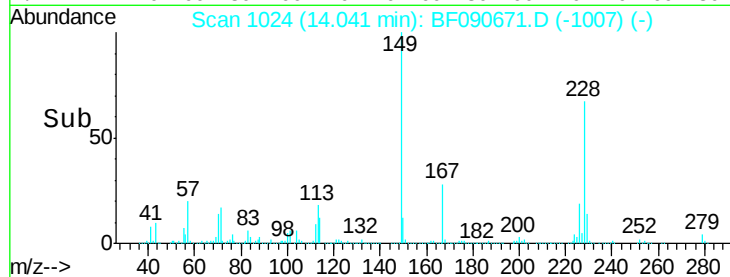
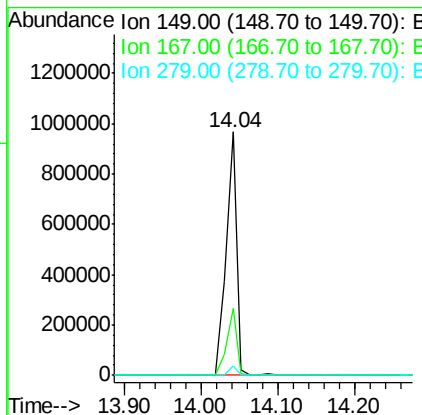
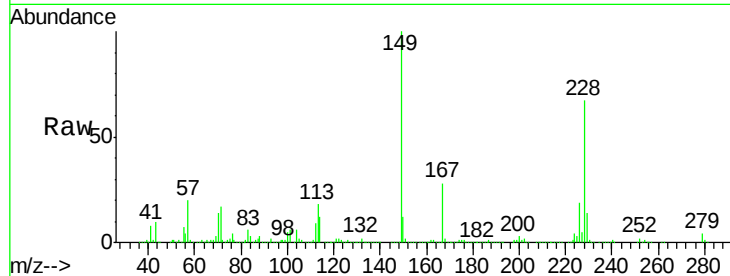




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.75 ng
 RT: 14.04 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

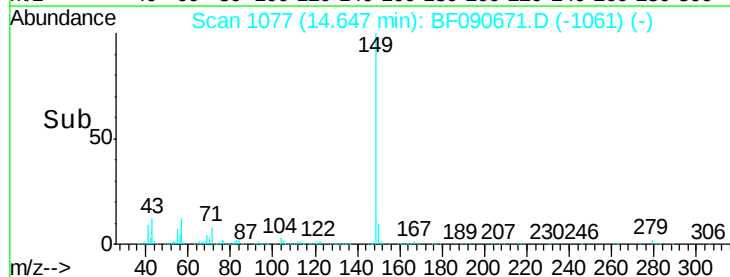
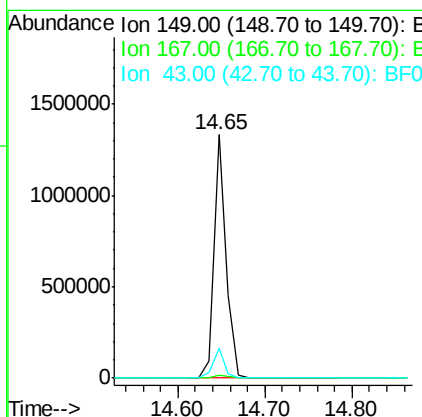
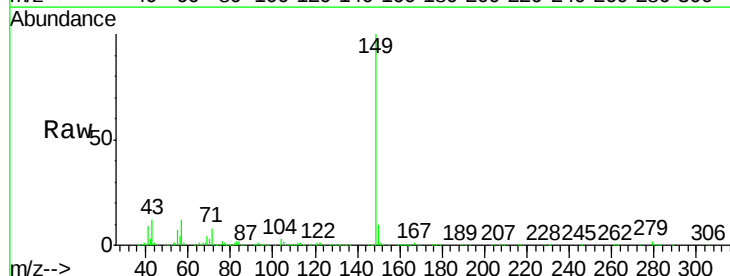
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

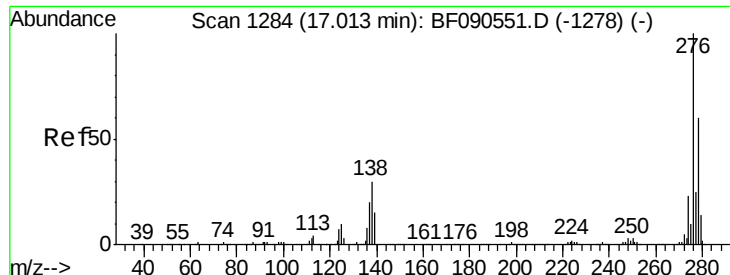
Tgt Ion:149 Resp: 949557
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.1 33.1
 279 3.6 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 55.29 ng
 RT: 14.65 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion:149 Resp: 1309715
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.6 6.7 10.1#

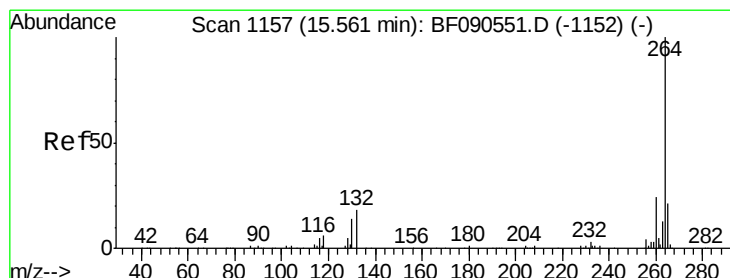
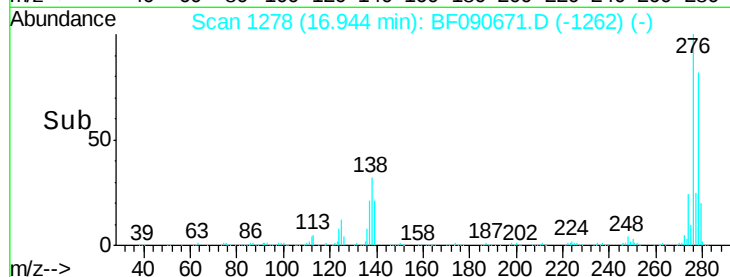
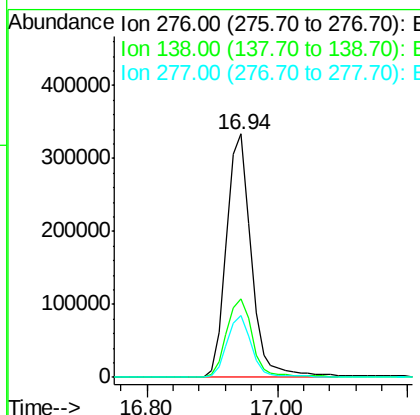
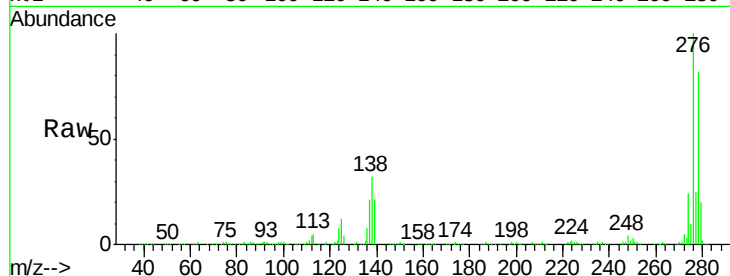




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.55 ng
 RT: 16.94 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

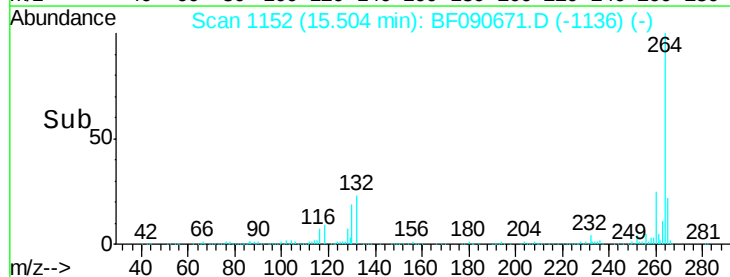
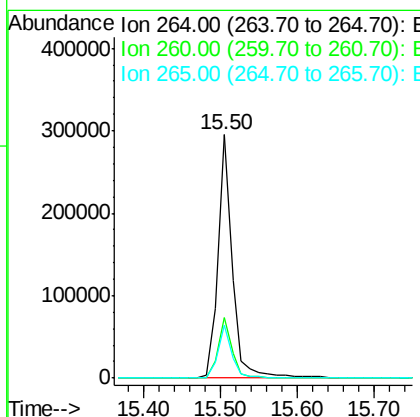
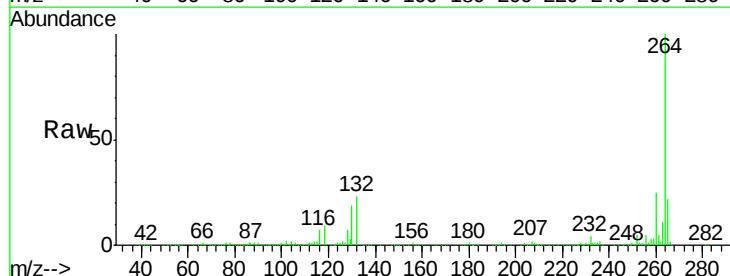
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

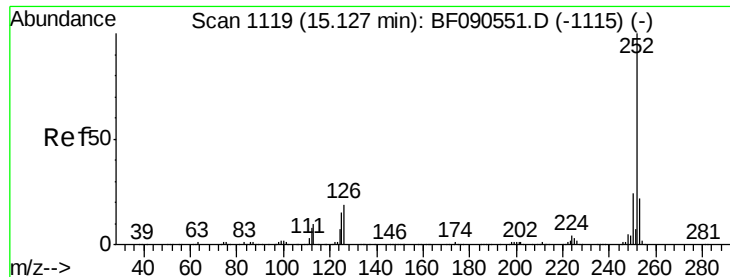
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.1	25.8	38.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	22.0	16.7	25.1

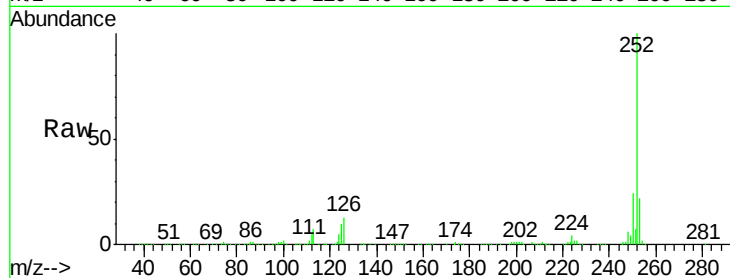




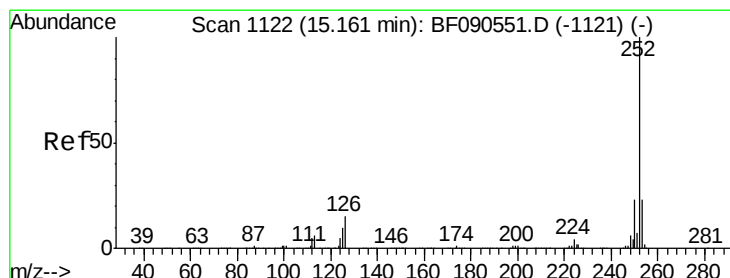
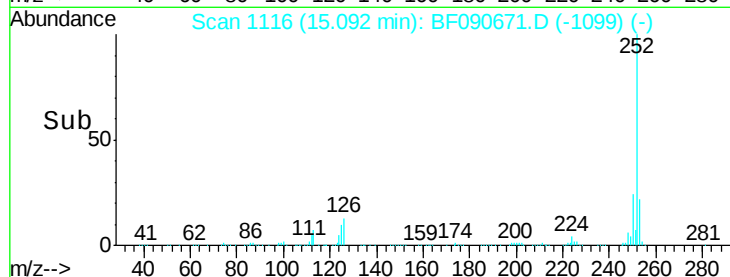
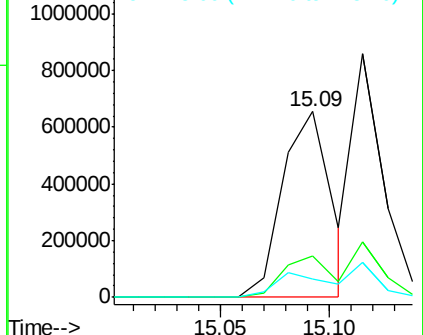
#87
Benzo(b)fluoranthene
Concen: 40.64 ng
RT: 15.09 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1019625
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.9 12.0 18.0#

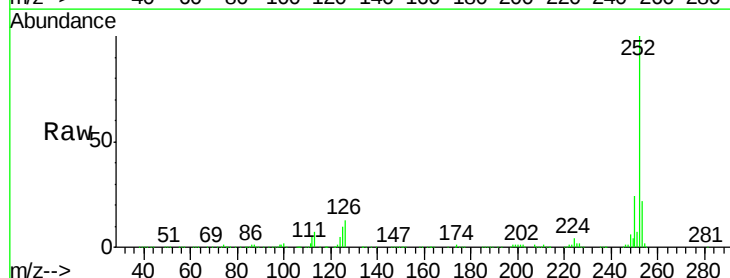


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

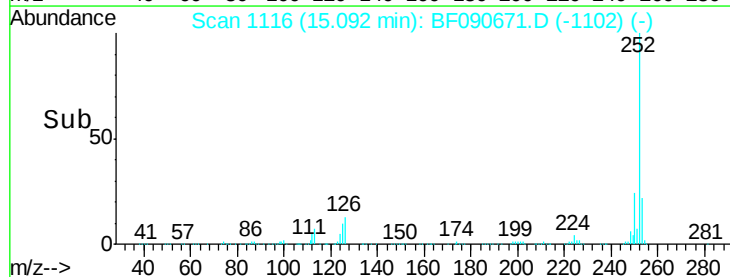
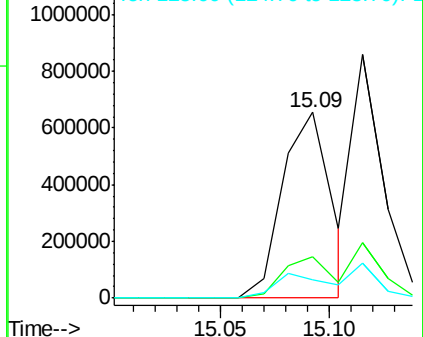


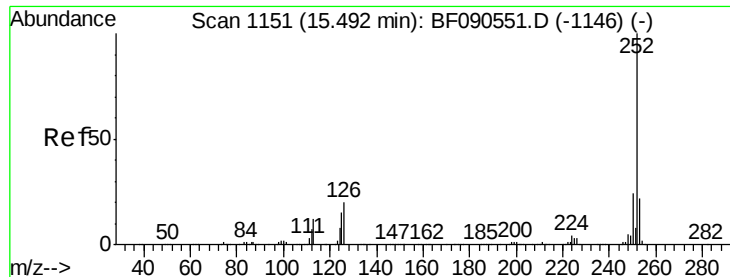
#88
Benzo(k)fluoranthene
Concen: 37.78 ng
RT: 15.09 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion:252 Resp: 1019625
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.9 10.0 15.0#



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

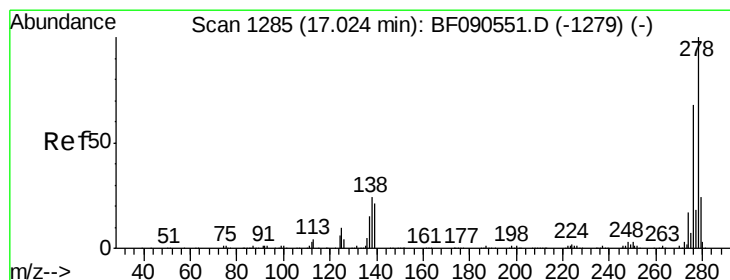
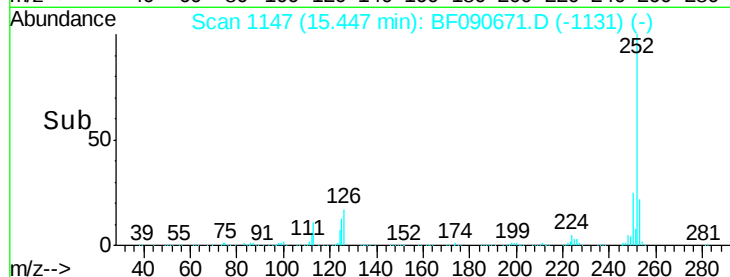
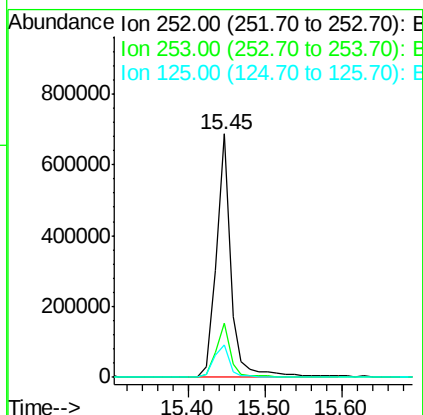
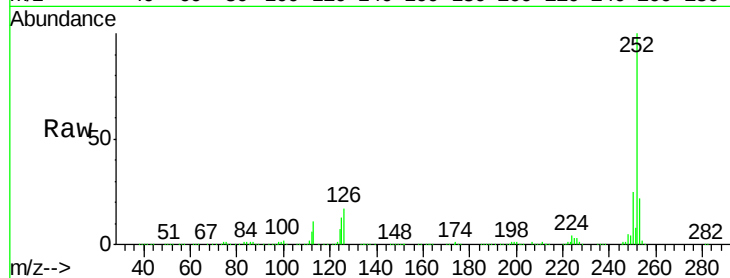




#89
Benzo(a)pyrene
Concen: 39.24 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

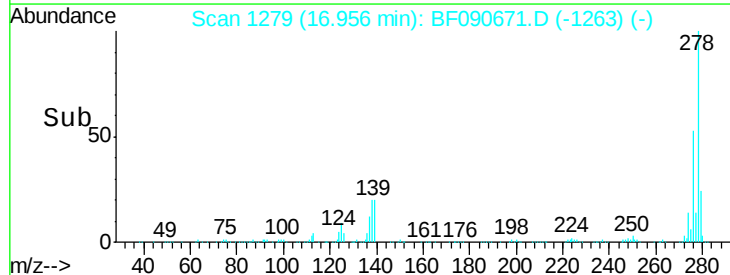
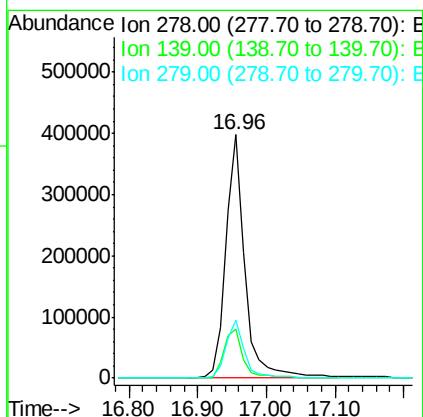
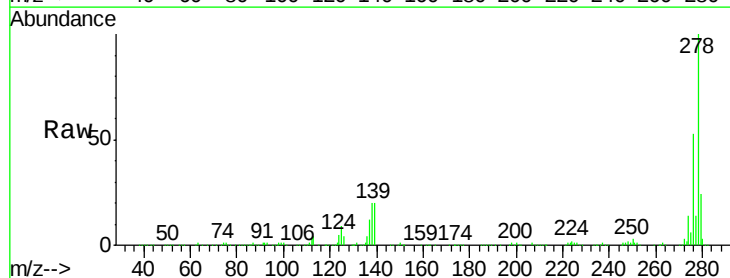
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

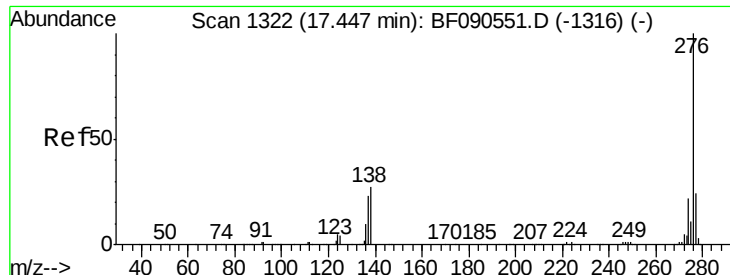
Tgt Ion: 252 Resp: 901193
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 13.5 12.3 18.5



#90
Dibenzo(a,h)anthracene
Concen: 44.82 ng
RT: 16.96 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion: 278 Resp: 785055
Ion Ratio Lower Upper
278 100
139 20.3 16.6 25.0
279 24.1 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 40.49 ng

RT: 17.37 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF090671.D

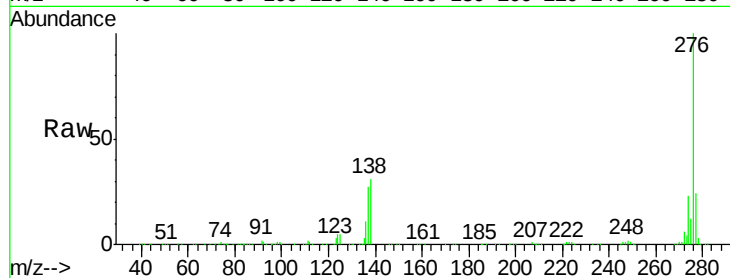
Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



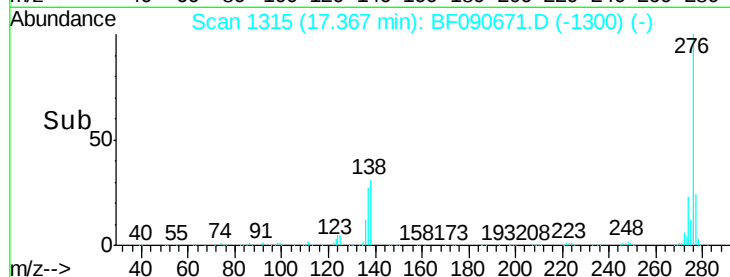
Tgt Ion: 276 Resp: 676173

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 30.9 21.8 32.8



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

