

Data Path : Z:\HPCHEM1\BNA F\Data\BF101716\
 Data File : BF090605.D
 Acq On : 17 Oct 2016 14:10
 Operator : UM/SJ
 Sample : SSTDCCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

Quant Time: Oct 17 15:49:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.909	152	214335	20.00	ng	-0.01
21) Naphthalene-d8	8.200	136	911260	20.00	ng	-0.01
38) Acenaphthene-d10	9.961	164	466868	20.00	ng	-0.01
63) Phenanthrene-d10	11.446	188	758622	20.00	ng	-0.01
75) Chrysene-d12	14.087	240	642374	20.00	ng	-0.01
86) Perylene-d12	15.538	264	354689	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.514	112	1116391	95.49	ng	-0.01
7) Phenol-d6	6.543	99	1445218	83.19	ng	-0.01
23) Nitrobenzene-d5	7.480	82	1368448	83.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.749	330	375052	90.11	ng	-0.01
44) 2-Fluorobiphenyl	9.275	172	2043747	72.13	ng	-0.01
78) Terphenyl-d14	13.035	244	2279085	82.61	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.531	88	275076	41.28	ng	93
3) Pyridine	3.274	79	705802	47.26	ng	91
4) n-Nitrosodimethylamine	3.228	42	202147	39.33	ng	80
6) Aniline	6.577	93	832540	39.66	ng	# 87
8) 2-Chlorophenol	6.692	128	603940	39.84	ng	98
9) Benzaldehyde	6.452	77	388768	35.20	ng	92
10) Phenol	6.566	94	762514	38.38	ng	# 75
11) bis(2-Chloroethyl)ether	6.646	93	667813	40.74	ng	99
12) 1,3-Dichlorobenzene	6.852	146	630932	41.73	ng	98
13) 1,4-Dichlorobenzene	6.932	146	632452	38.46	ng	97
14) 1,2-Dichlorobenzene	7.080	146	630607	41.02	ng	98
15) Benzyl Alcohol	7.057	79	546228	46.16	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.183	45	973603	42.20	ng	95
17) 2-Methylphenol	7.172	107	507777	42.98	ng	96
18) Hexachloroethane	7.423	117	253951	39.08	ng	98
19) n-Nitroso-di-n-propyla...	7.332	70	514016	43.15	ng	# 87
20) 3+4-Methylphenols	7.320	107	587990	41.05	ng	93
22) Acetophenone	7.320	105	796700	39.57	ng	# 96
24) Nitrobenzene	7.492	77	670229	39.81	ng	99
25) Isophorone	7.732	82	1207419	40.44	ng	99
26) 2-Nitrophenol	7.812	139	326334	42.73	ng	98
27) 2,4-Dimethylphenol	7.858	122	545778	43.06	ng	98
28) bis(2-Chloroethoxy)met...	7.949	93	734093	41.64	ng	100
29) 2,4-Dichlorophenol	8.063	162	429634	38.70	ng	96
30) 1,2,4-Trichlorobenzene	8.143	180	528232	40.62	ng	100
31) Naphthalene	8.223	128	1788899	38.54	ng	99
32) Benzoic acid	8.006	122	361473	46.43	ng	98
33) 4-Chloroaniline	8.269	127	641220	36.14	ng	99
34) Hexachlorobutadiene	8.338	225	279830	38.52	ng	99
35) Caprolactam	8.658	113	149504	48.25	ng	# 80
36) 4-Chloro-3-methylphenol	8.749	107	507770	39.64	ng	98
37) 2-Methylnaphthalene	8.909	142	1047830	38.43	ng	100
39) 1,2,4,5-Tetrachloroben...	9.080	216	523467	42.29	ng	98
40) Hexachlorocyclopentadiene	9.069	237	251323	41.56	ng	99

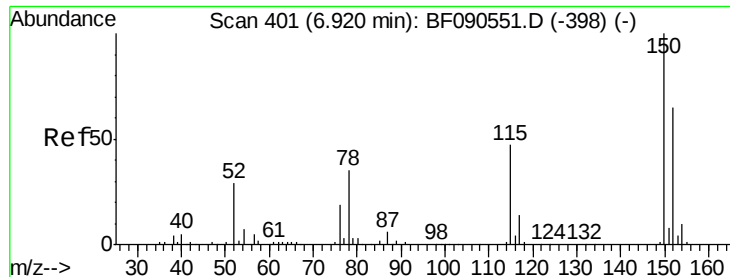
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.195	196	322150	46.14	nq	100
43) 2,4,5-Trichlorophenol	9.229	196	322245	38.69	nq	98
45) 1,1'-Biphenyl	9.378	154	1416480	39.87	nq	99
46) 2-Chloronaphthalene	9.401	162	1036969	39.15	nq	100
47) 2-Nitroaniline	9.503	65	393138	40.94	nq	87
48) Acenaphthylene	9.823	152	1636818	38.80	nq	98
49) Dimethylphthalate	9.675	163	1162750	38.39	nq	100
50) 2,6-Dinitrotoluene	9.743	165	286853	43.28	nq	98
51) Acenaphthene	9.995	154	1155074	41.20	nq	99
52) 3-Nitroaniline	9.915	138	326205	39.22	nq	96
53) 2,4-Dinitrophenol	10.018	184	148044	43.90	nq	# 71
54) Dibenzofuran	10.166	168	1423455	38.60	nq	99
55) 4-Nitrophenol	10.075	139	203228	40.60	nq	96
56) 2,4-Dinitrotoluene	10.143	165	375040	41.66	nq	98
57) Fluorene	10.509	166	1215945	39.97	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.281	232	297588	42.90	nq	98
59) Diethylphthalate	10.383	149	1277986	41.60	nq	94
60) 4-Chlorophenyl-phenyle...	10.498	204	587843	40.99	nq	99
61) 4-Nitroaniline	10.532	138	340242	40.80	nq	99
62) Azobenzene	10.658	77	1469896	41.36	nq	99
64) 4,6-Dinitro-2-methylph...	10.555	198	209095	45.54	nq	96
65) n-Nitrosodiphenylamine	10.624	169	954339	38.08	nq	99
66) 4-Bromophenyl-phenylether	10.989	248	310437	38.14	nq	97
67) Hexachlorobenzene	11.058	284	371743	42.06	nq	# 67
68) Atrazine	11.149	200	288861	41.68	nq	98
69) Pentachlorophenol	11.252	266	195739	44.69	nq	99
70) Phenanthrene	11.469	178	1677453	41.42	nq	99
71) Anthracene	11.515	178	1654189	37.95	nq	100
72) Carbazole	11.675	167	1591655	40.80	nq	99
73) Di-n-butylphthalate	12.007	149	2042169	44.68	nq	# 98
74) Fluoranthene	12.658	202	1718185	42.18	nq	99
76) Benzidine	12.784	184	515391	32.25	nq	97
77) Pyrene	12.887	202	1770380	41.61	nq	99
79) Butylbenzylphthalate	13.504	149	835485	44.32	nq	94
80) Benzo(a)anthracene	14.075	228	1462316	39.99	nq	99
81) 3,3'-Dichlorobenzidine	14.041	252	498493	39.90	nq	100
82) Chrysene	14.110	228	1296819	36.81	nq	100
83) Bis(2-ethylhexyl)phtha...	14.064	149	1316986	51.79	nq	99
84) Di-n-octyl phthalate	14.681	149	1400775	41.08	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.990	276	858356	42.13	nq	98
87) Benzo(b)fluoranthene	15.150	252	1945690	83.83	nq	# 97
88) Benzo(k)fluoranthene	15.150	252	1958333	78.42	nq	99
89) Benzo(a)pyrene	15.481	252	842688	39.66	nq	98
90) Dibenzo(a,h)anthracene	17.013	278	754383	46.55	nq	97
91) Benzo(g,h,i)perylene	17.424	276	720501	46.63	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.909 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

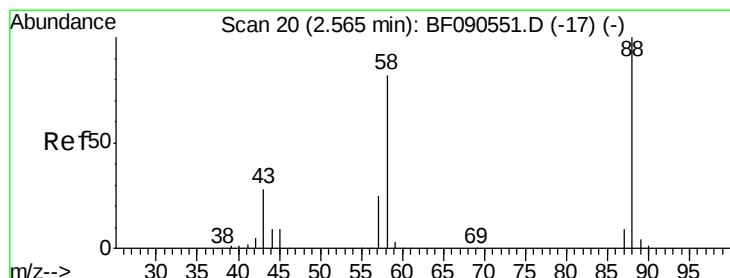
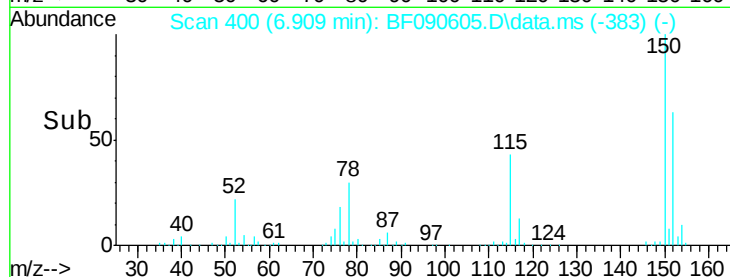
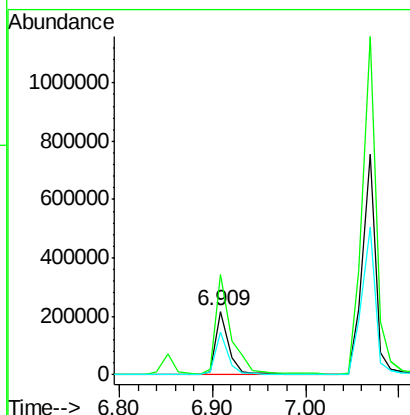
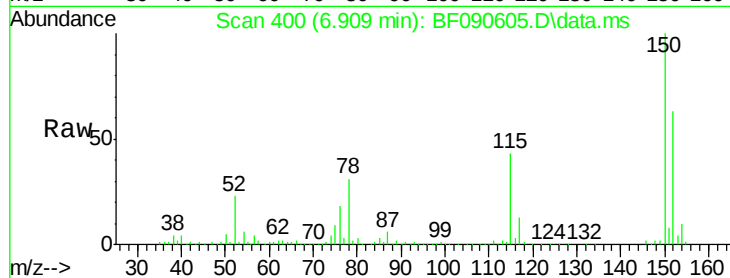
Tot Ion:152 Resp: 214335

Ion Ratio Lower Upper

152 100

150 158.6 127.2 190.8

115 67.7 58.6 88.0



#2

1,4-Dioxane

Concen: 41.28 ng

RT: 2.531 min Scan# 17

Delta R.T. -0.034 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

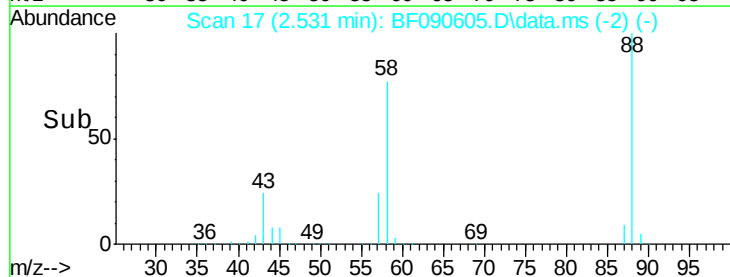
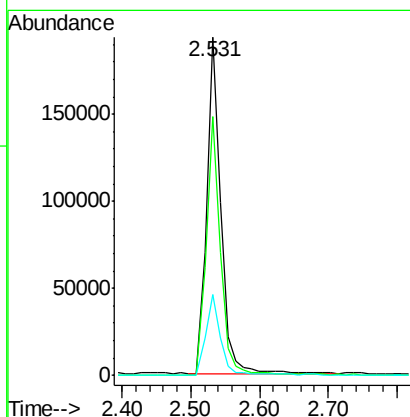
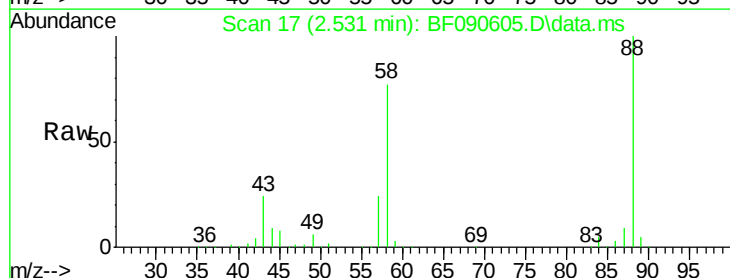
Tgt Ion: 88 Resp: 275076

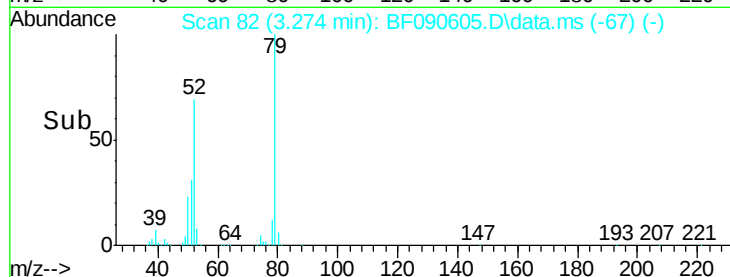
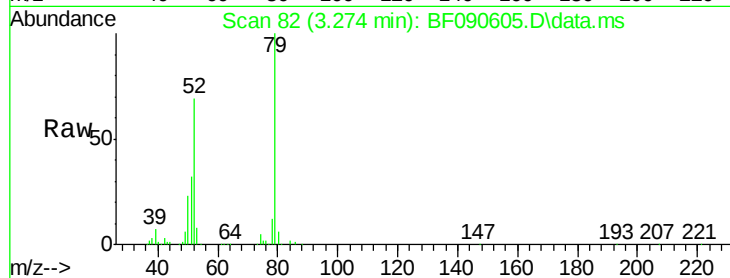
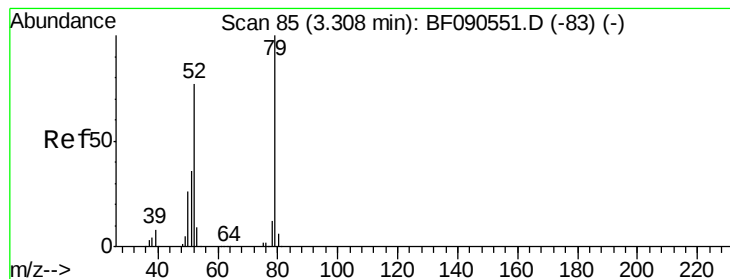
Ion Ratio Lower Upper

88 100

58 78.4 67.2 100.8

43 25.6 24.1 36.1





#3

Pvridine

Concen: 47.26 ng

RT: 3.274 min Scan# 82

Delta R.T. -0.034 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

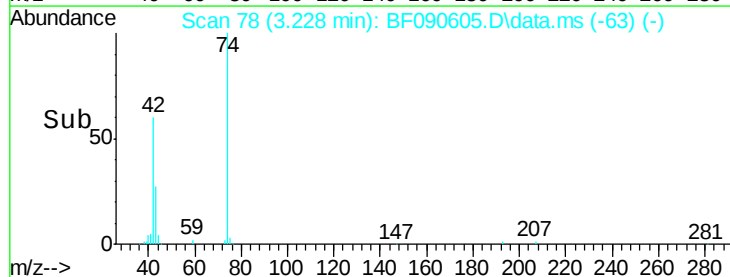
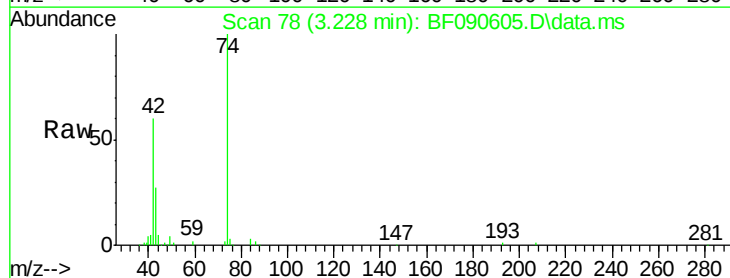
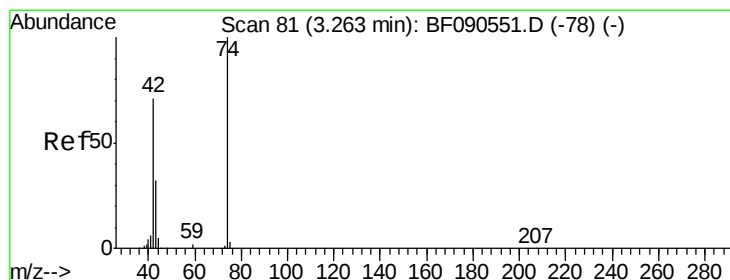
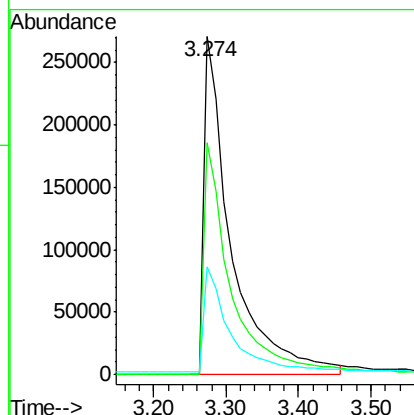
Tot Ion: 79 Resp: 705802

Ion Ratio Lower Upper

79 100

52 68.7 61.8 92.8

51 31.9 29.2 43.8



#4

n-Nitrosodimethylamine

Concen: 39.33 ng

RT: 3.228 min Scan# 78

Delta R.T. -0.034 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

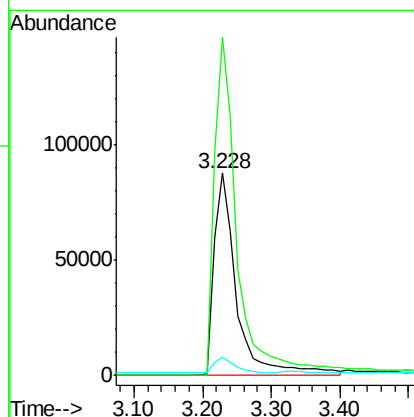
Tgt Ion: 42 Resp: 202147

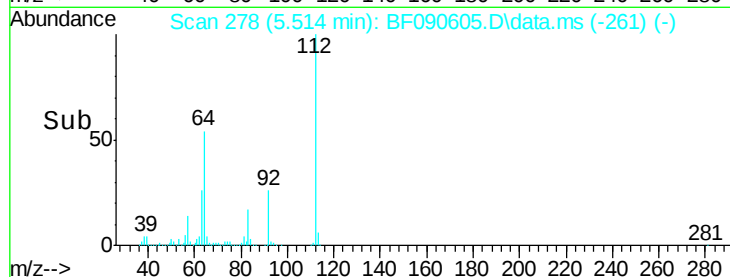
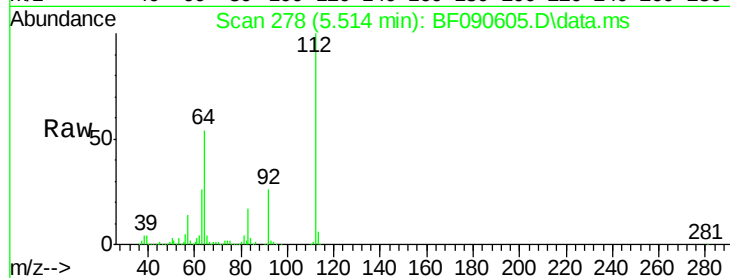
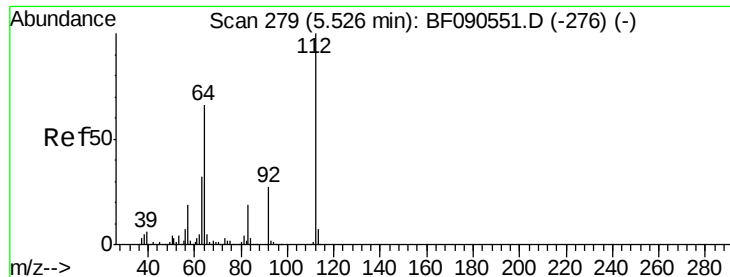
Ion Ratio Lower Upper

42 100

74 167.4 113.3 169.9

44 8.9 6.0 9.0

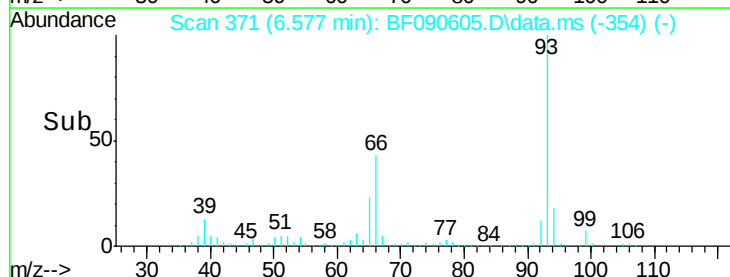
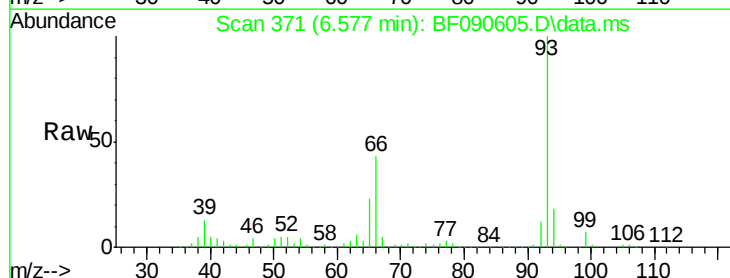
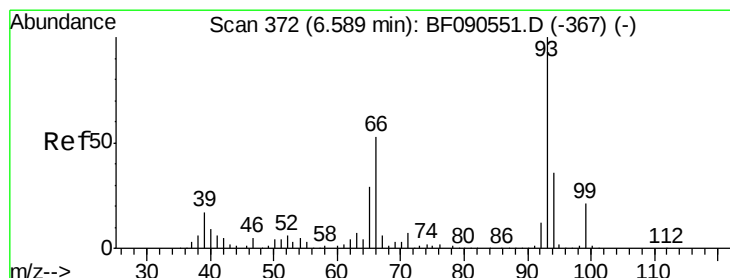
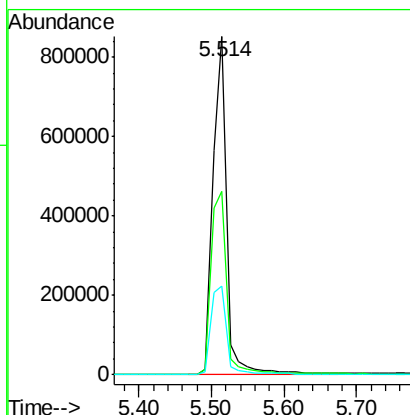




#5
 2-Fluorophenol
 Concen: 95.49 ng
 RT: 5.514 min Scan# 27
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

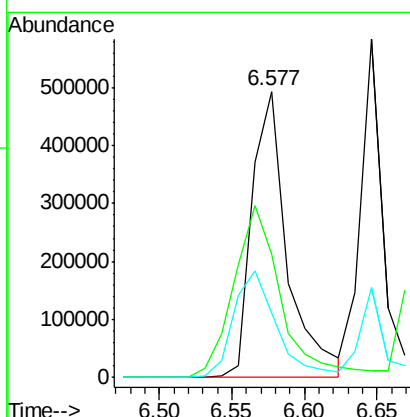
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

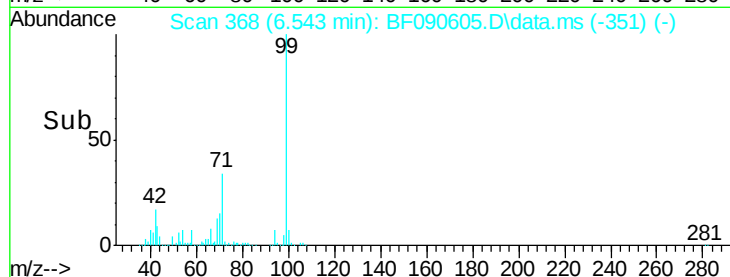
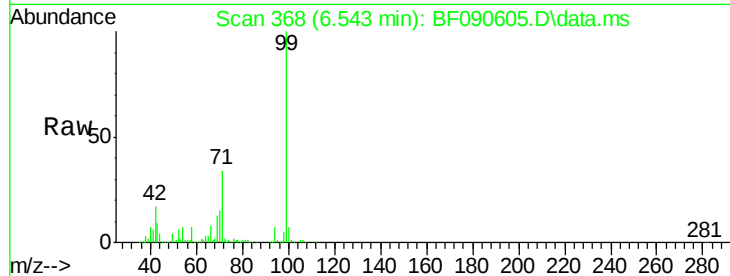
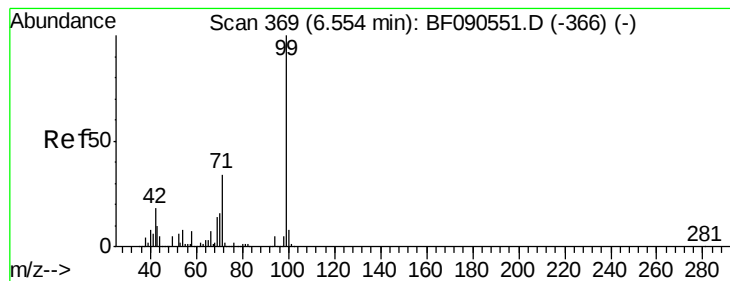
Tot Ion:112 Resp: 1116391
 Ion Ratio Lower Upper
 112 100
 64 54.1 52.6 78.8
 63 26.2 26.0 39.0



#6
 Aniline
 Concen: 39.66 ng
 RT: 6.577 min Scan# 371
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion: 93 Resp: 832540
 Ion Ratio Lower Upper
 93 100
 66 43.3 42.2 63.2
 65 22.5 22.9 34.3#





#7

Phenol-d6

Concen: 83.19 ng

RT: 6.543 min Scan# 368

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

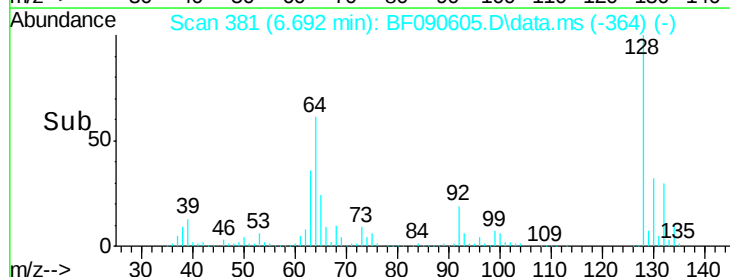
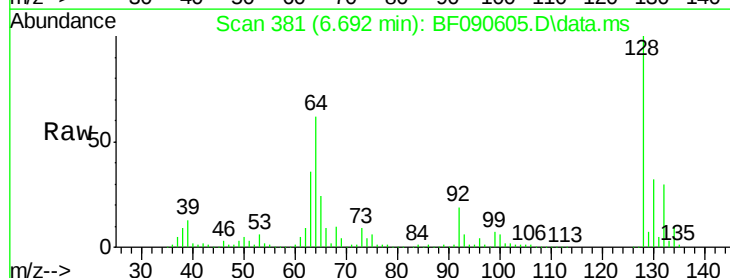
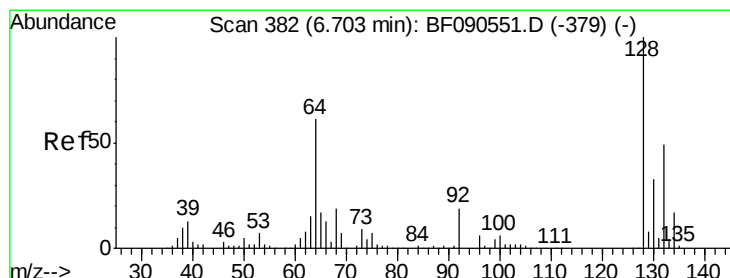
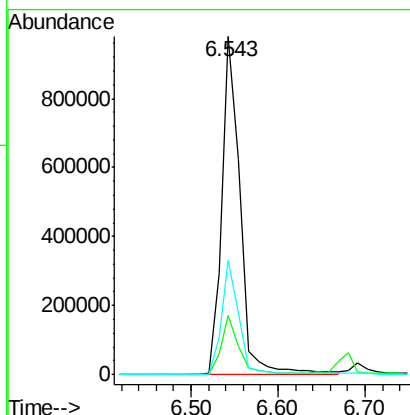
Tot Ion: 99 Resp: 1445218

Ion Ratio Lower Upper

99 100

42 17.4 14.7 22.1

71 33.9 27.6 41.4



#8

2-Chlorophenol

Concen: 39.84 ng

RT: 6.692 min Scan# 381

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

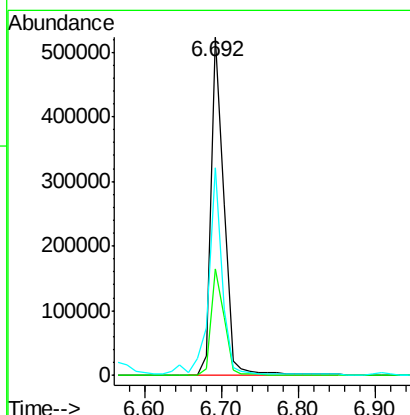
Tgt Ion: 128 Resp: 603940

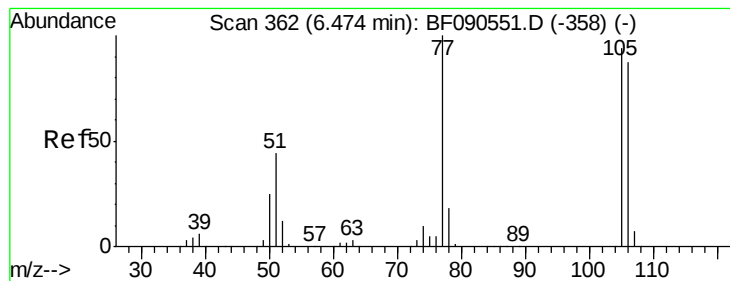
Ion Ratio Lower Upper

128 100

130 31.6 12.6 52.6

64 61.5 42.6 82.6





#9

Benzaldehyde

Concen: 35.20 ng

RT: 6.452 min Scan# 36

Delta R.T. -0.023 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

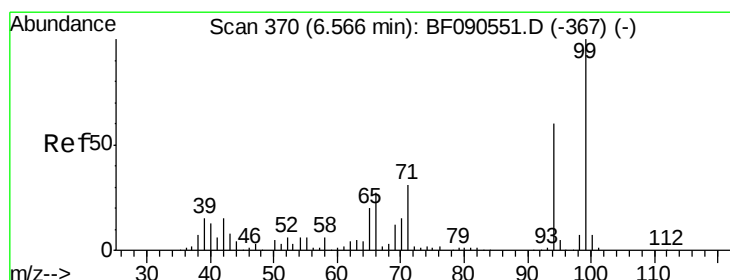
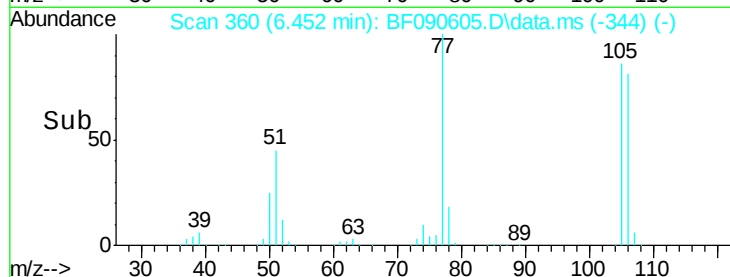
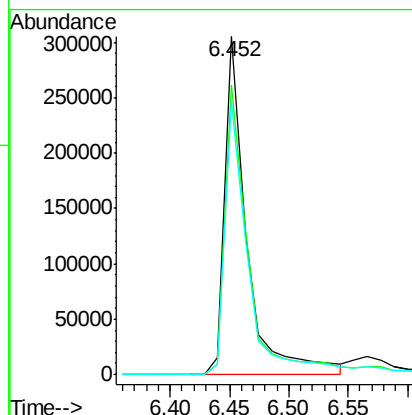
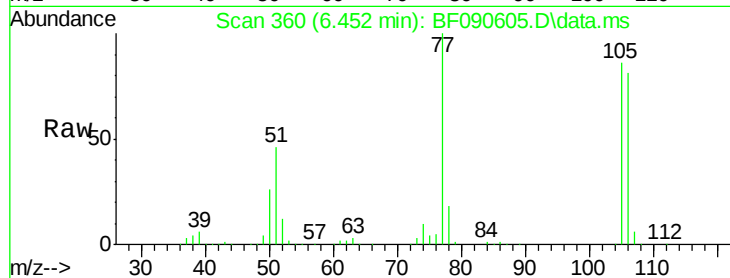
Tot Ion: 77 Resp: 388768

Ion Ratio Lower Upper

77 100

105 85.6 74.3 114.3

106 80.5 67.2 107.2



#10

Phenol

Concen: 38.38 ng

RT: 6.566 min Scan# 370

Delta R.T. 0.000 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

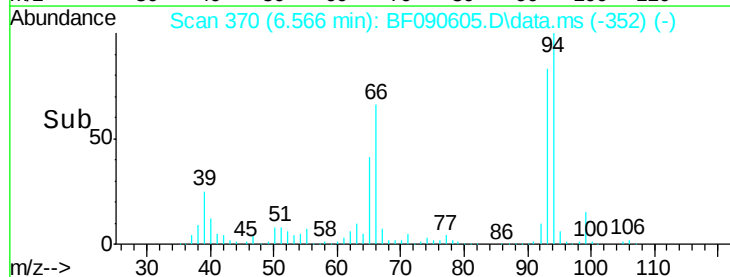
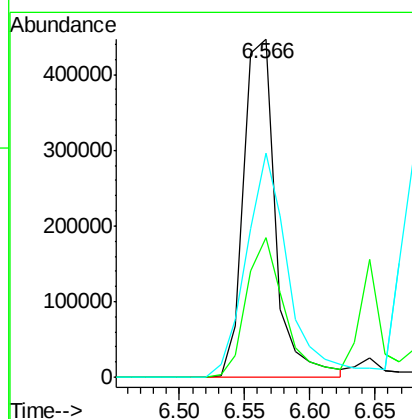
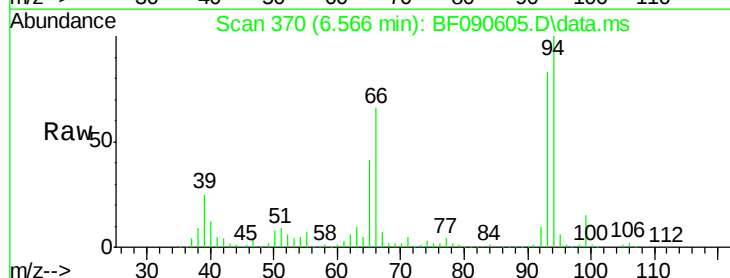
Tgt Ion: 94 Resp: 762514

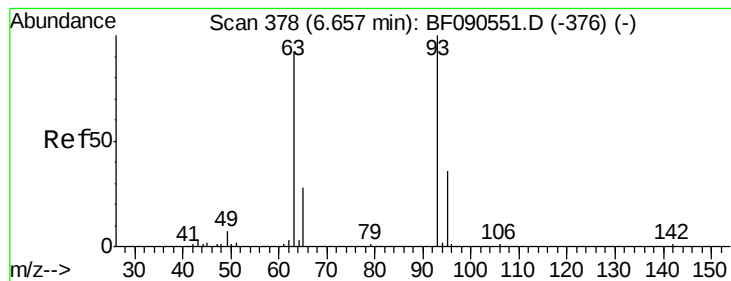
Ion Ratio Lower Upper

94 100

65 41.3 12.5 52.5

66 66.4 25.5 65.5#





#11

bis(2-Chloroethyl)ether

Concen: 40.74 ng

RT: 6.646 min Scan# 37

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

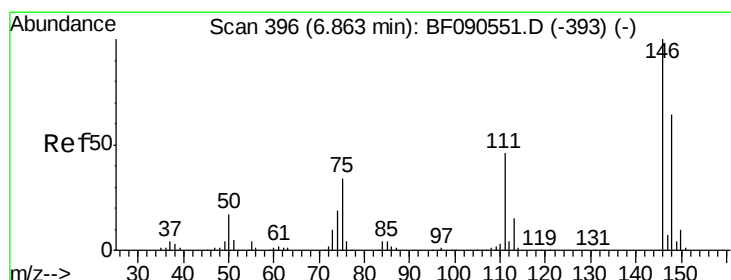
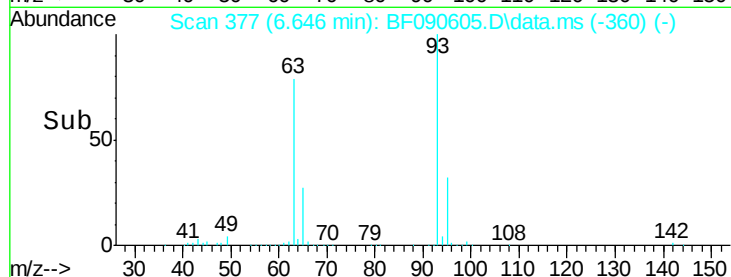
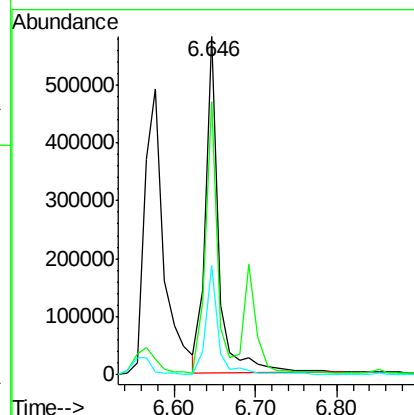
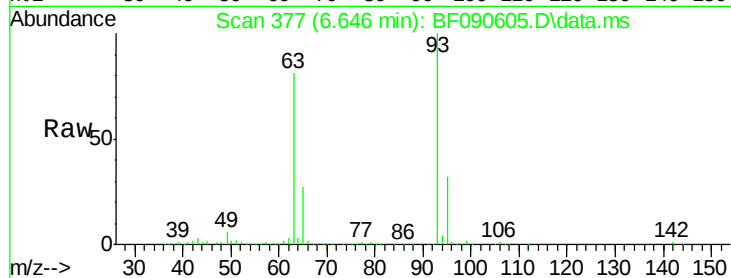
Tot Ion: 93 Resp: 667813

Ion Ratio Lower Upper

93 100

63 80.8 61.6 101.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.73 ng

RT: 6.852 min Scan# 395

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

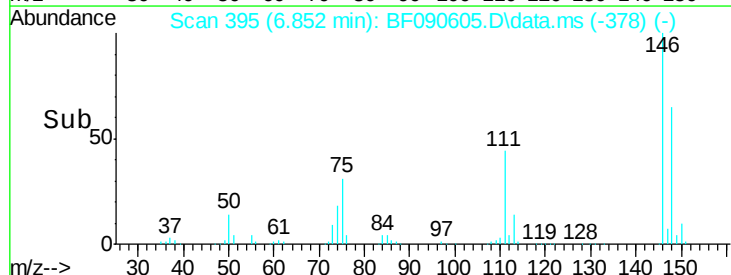
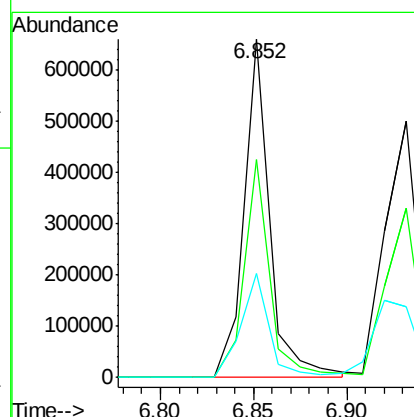
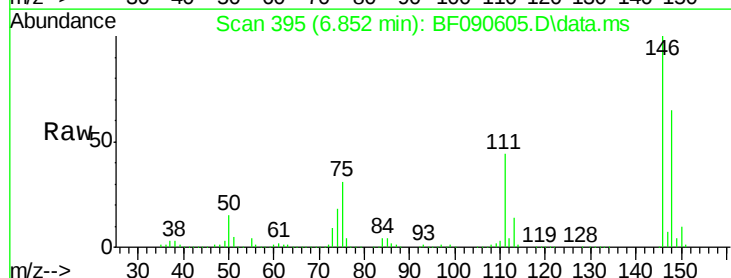
Tgt Ion: 146 Resp: 630932

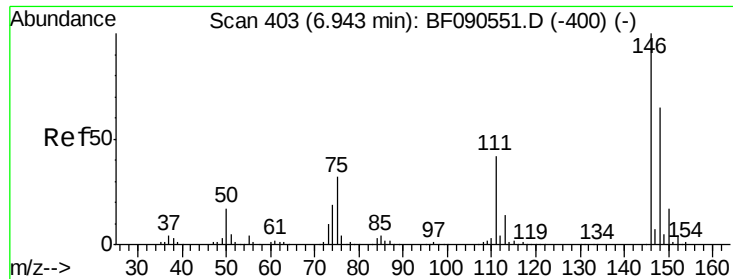
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

75 30.8 27.0 40.6

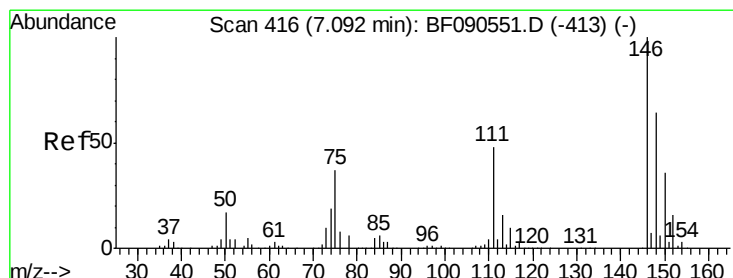
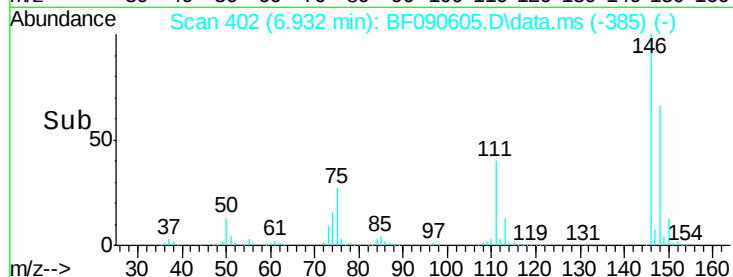
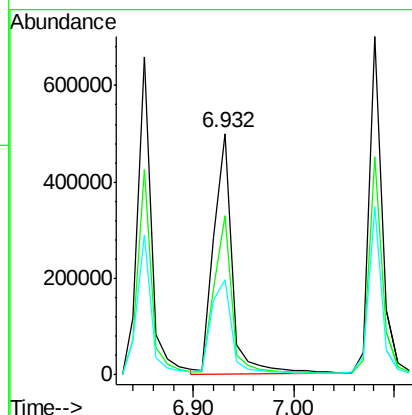
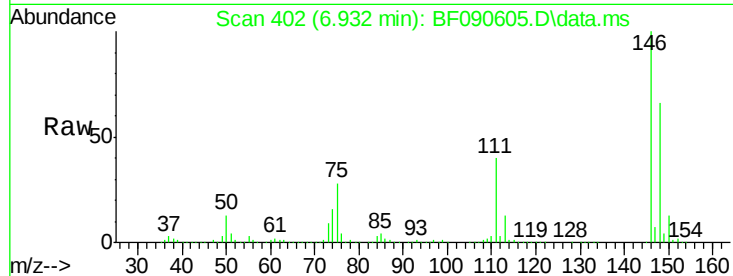




#13
 1,4-Dichlorobenzene
 Concen: 38.46 ng
 RT: 6.932 min Scan# 40
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

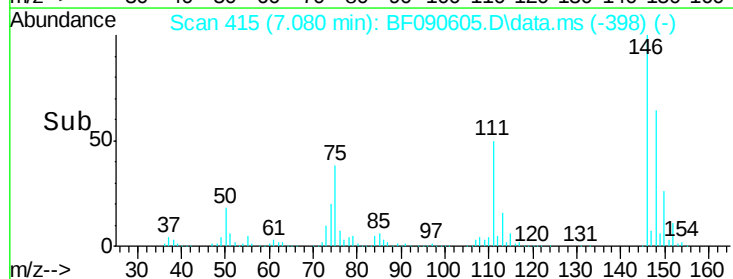
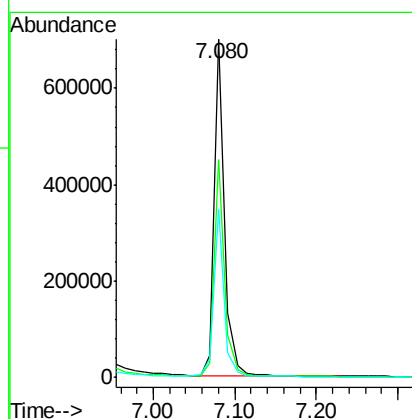
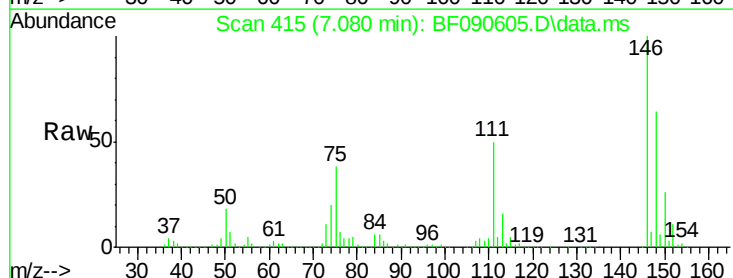
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCCC040

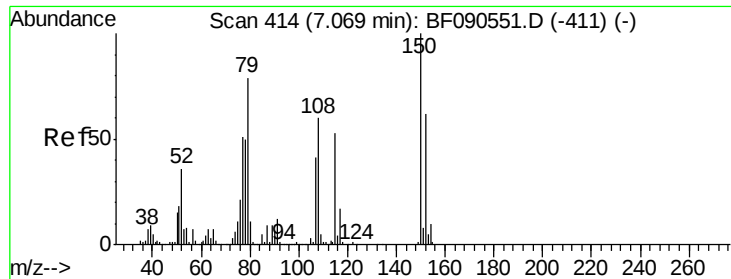
Tot Ion:146 Resp: 632452
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.9 77.9
 111 39.5 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 41.02 ng
 RT: 7.080 min Scan# 415
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion:146 Resp: 630607
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.2 76.8
 111 49.6 38.2 57.2





#15

Benzyl Alcohol

Concen: 46.16 ng

RT: 7.057 min Scan# 41

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

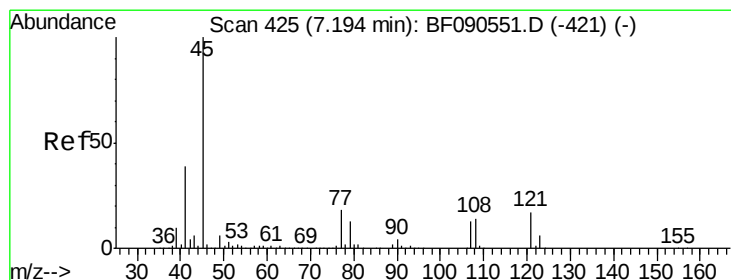
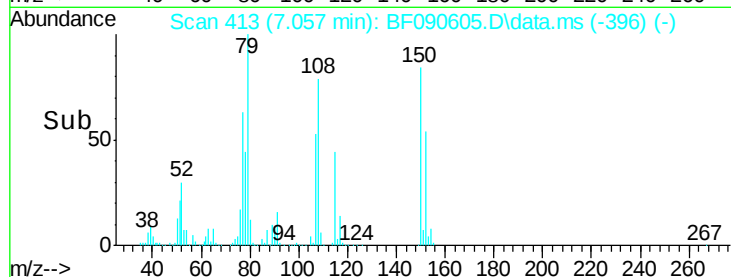
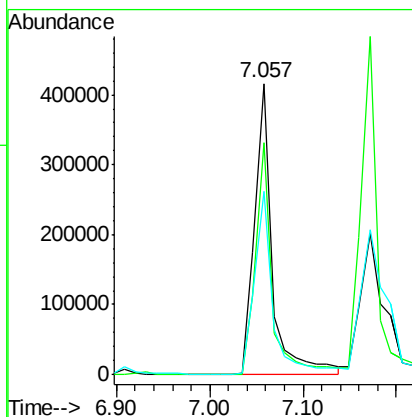
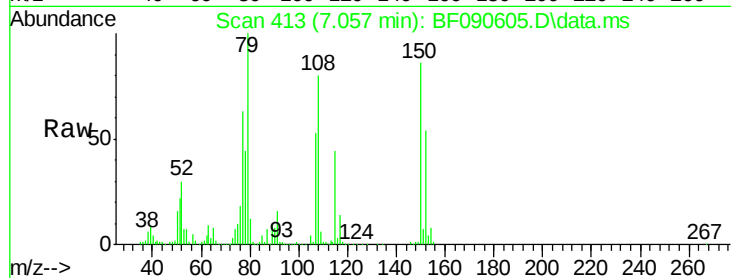
Tot Ion: 79 Resp: 546228

Ion Ratio Lower Upper

79 100

108 79.5 60.2 90.4

77 63.0 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.20 ng

RT: 7.183 min Scan# 424

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

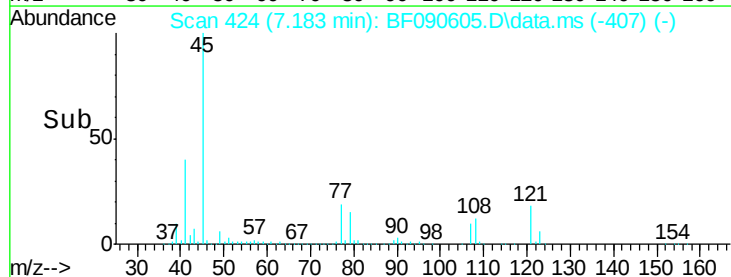
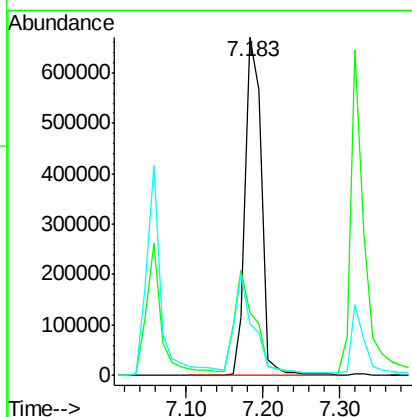
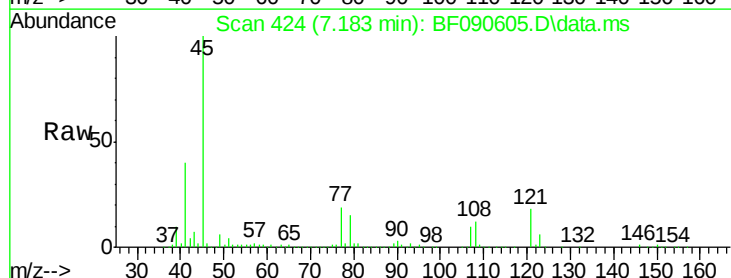
Tgt Ion: 45 Resp: 973603

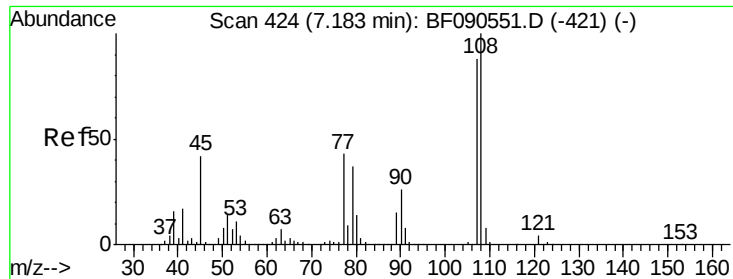
Ion Ratio Lower Upper

45 100

77 18.7 0.9 40.9

79 15.0 0.0 37.3

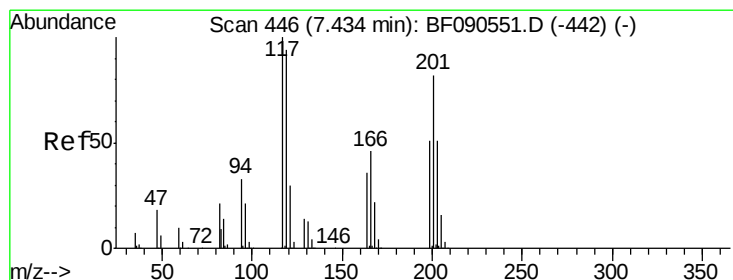
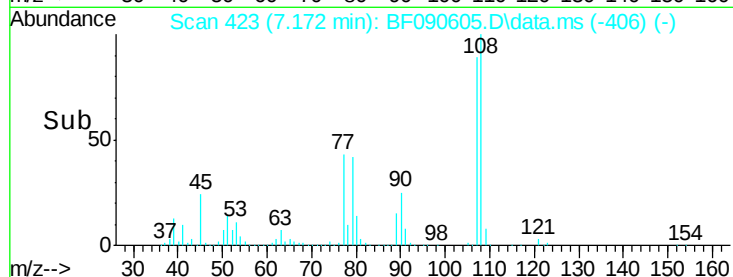
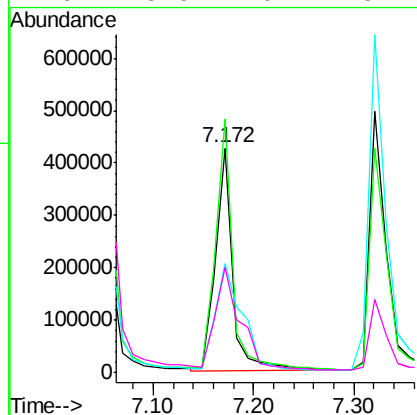
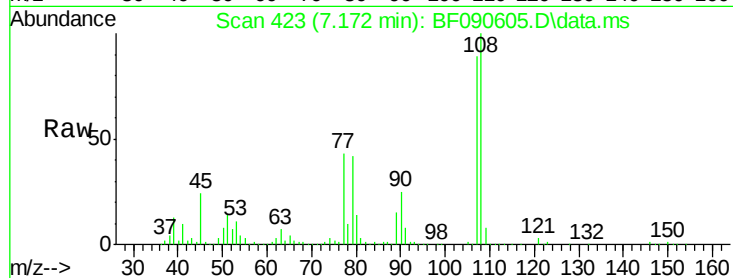




#17
2-Methylphenol
Concen: 42.98 ng
RT: 7.172 min Scan# 42
Delta R.T. -0.011 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

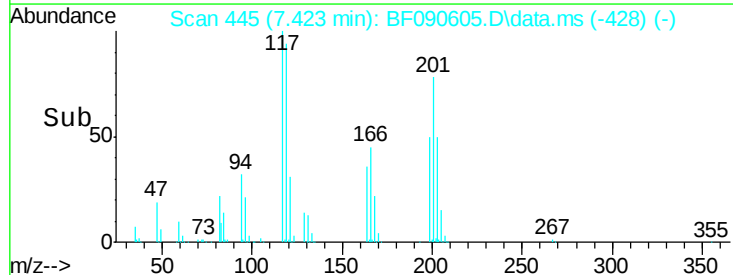
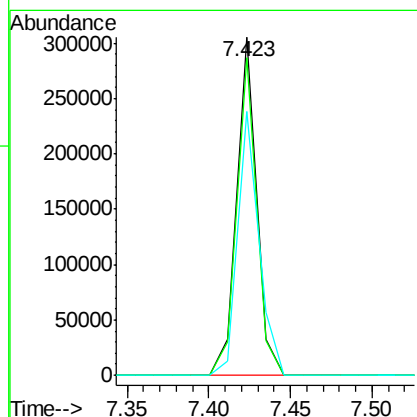
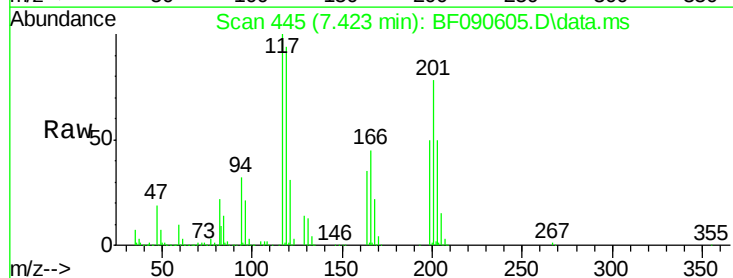
Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

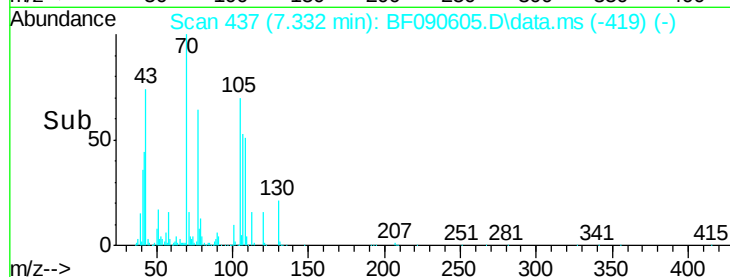
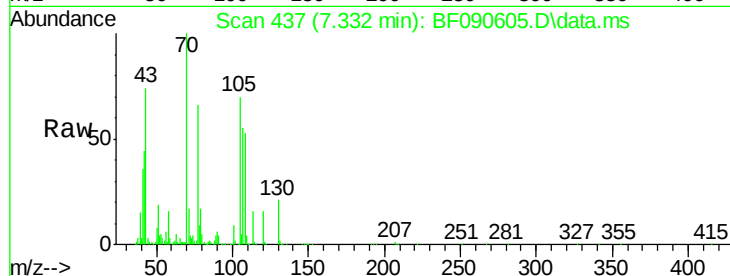
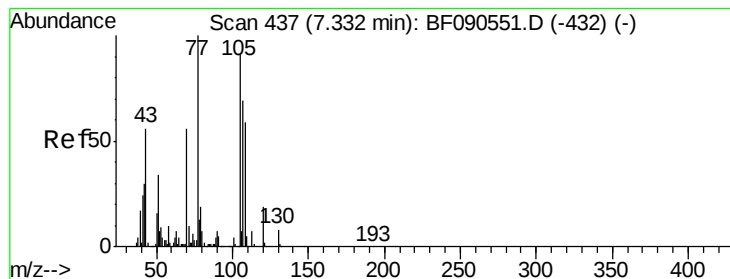
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.6	138.8
77	48.5	42.2	63.2
79	46.9	40.7	61.1



#18
Hexachloroethane
Concen: 39.08 ng
RT: 7.423 min Scan# 445
Delta R.T. -0.011 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.6	113.4
201	78.0	65.4	98.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.15 ng

RT: 7.332 min Scan# 437

Delta R.T. 0.000 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion: 70 Resp: 514016

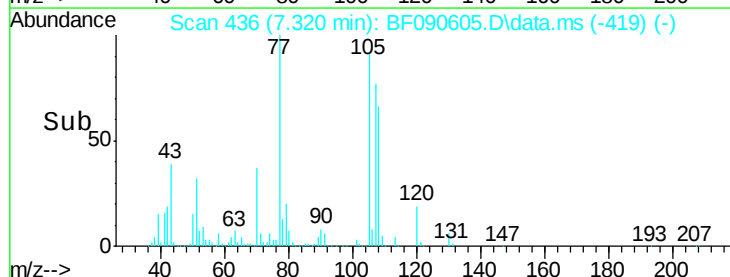
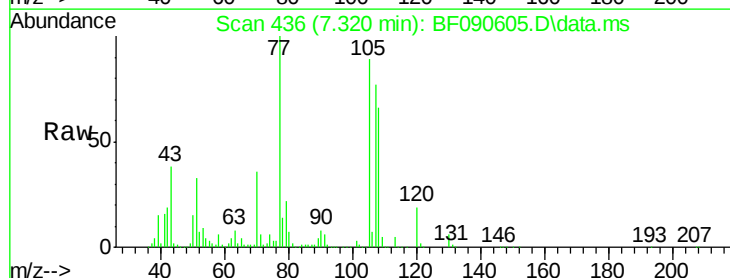
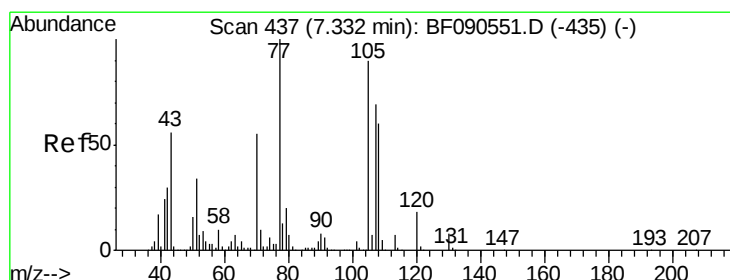
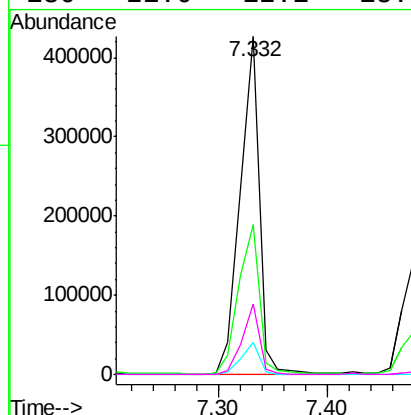
Ion Ratio Lower Upper

70 100

42 44.3 43.4 65.0

101 9.5 6.4 9.6

130 21.0 12.1 18.1#



#20

3+4-Methylphenols

Concen: 41.05 ng

RT: 7.320 min Scan# 436

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion: 107 Resp: 587990

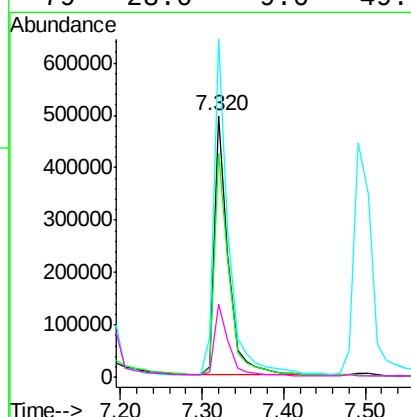
Ion Ratio Lower Upper

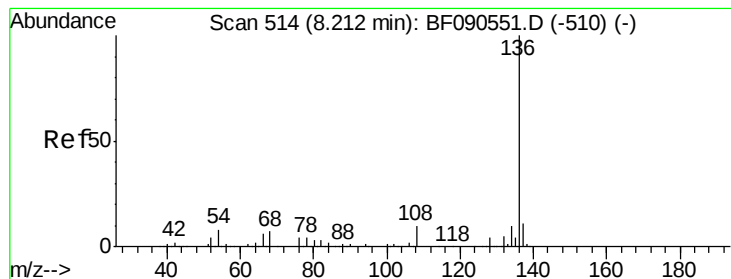
107 100

108 85.8 67.7 107.7

77 129.1 123.1 163.1

79 28.0 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.200 min Scan# 51

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:136 Resp: 911260

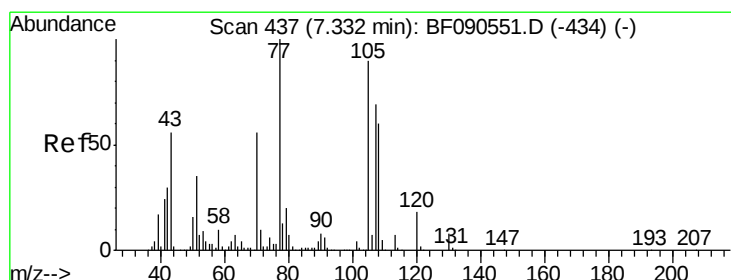
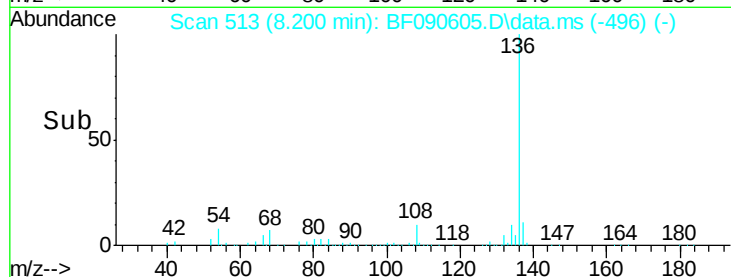
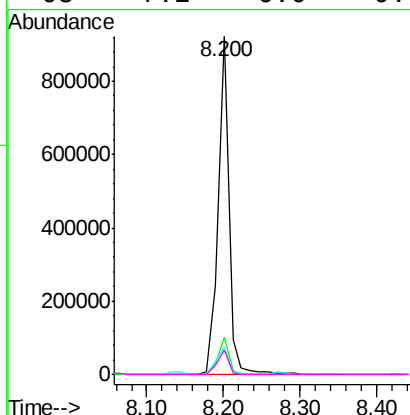
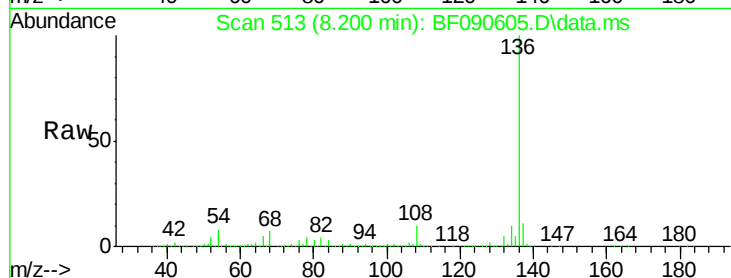
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.0 6.8 10.2

68 7.2 6.0 9.0



#22

Acetophenone

Concen: 39.57 ng

RT: 7.320 min Scan# 436

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion:105 Resp: 796700

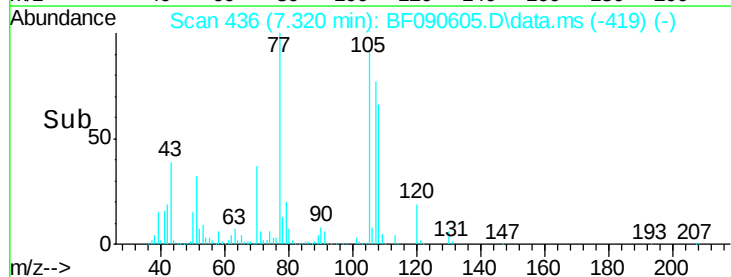
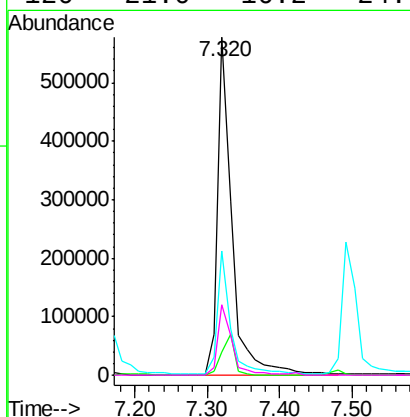
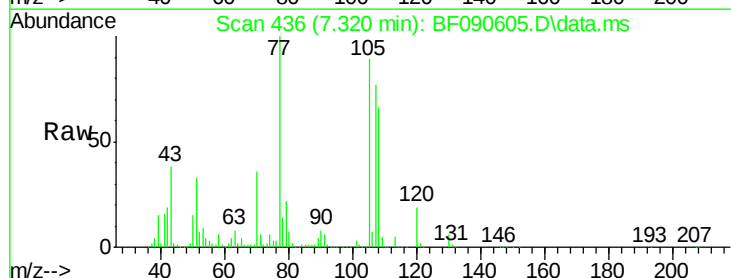
Ion Ratio Lower Upper

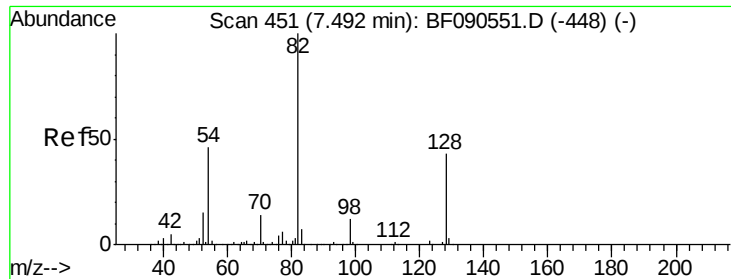
105 100

71 7.0 8.5 12.7#

51 36.6 31.0 46.4

120 21.0 16.2 24.4

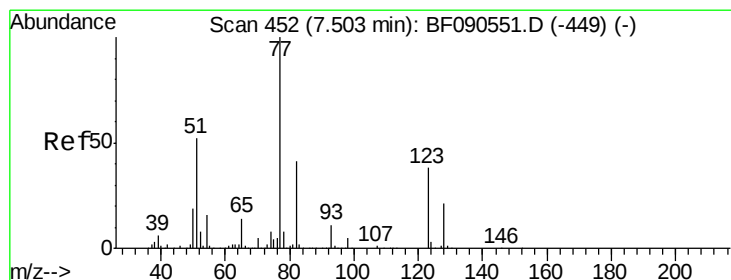
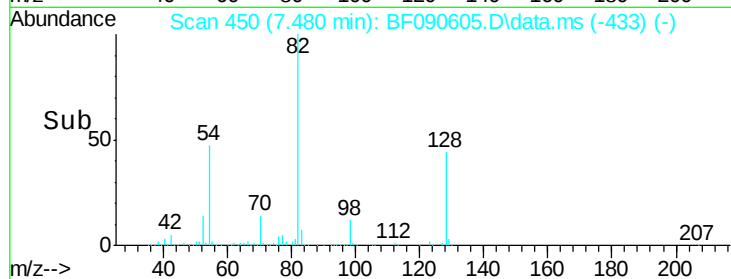
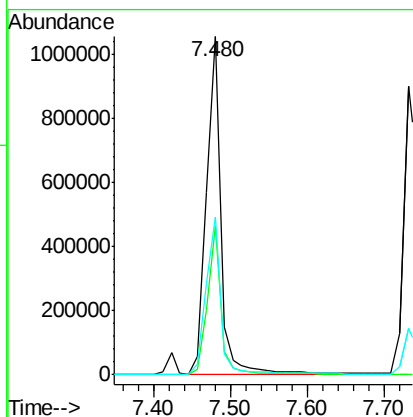
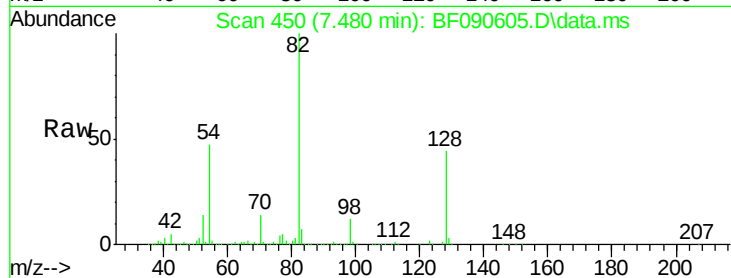




#23
 Nitrobenzene-d5
 Concen: 83.42 ng
 RT: 7.480 min Scan# 451
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

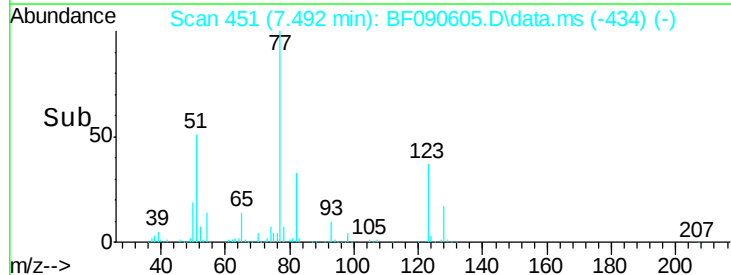
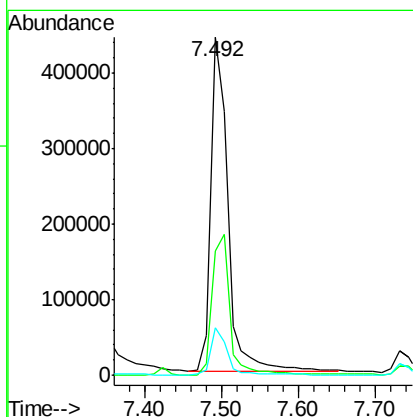
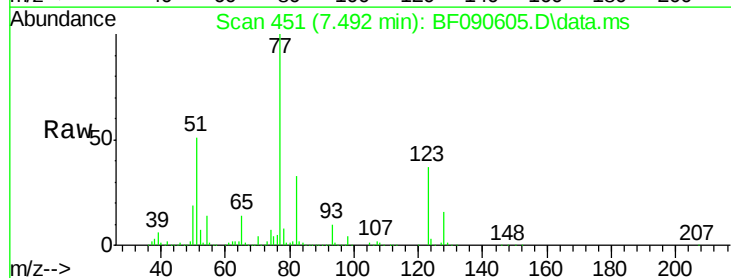
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

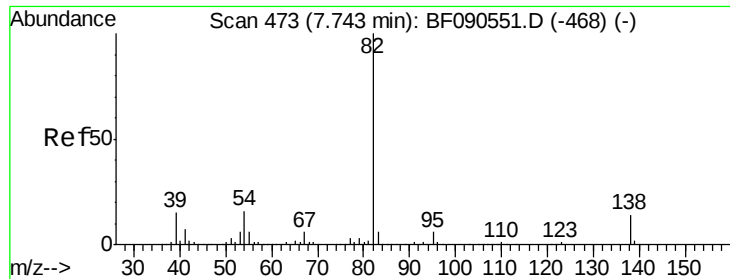
Tot Ion: 82 Resp: 1368448
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.3 51.5
 54 46.7 37.0 55.6



#24
 Nitrobenzene
 Concen: 39.81 ng
 RT: 7.492 min Scan# 451
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion: 77 Resp: 670229
 Ion Ratio Lower Upper
 77 100
 123 36.9 29.8 44.6
 65 13.9 10.9 16.3





#25

Isophorone

Concen: 40.44 ng

RT: 7.732 min Scan# 47

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

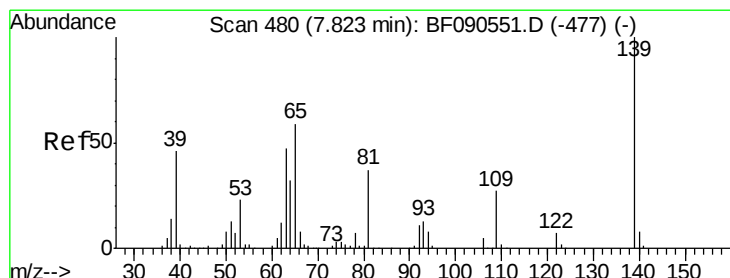
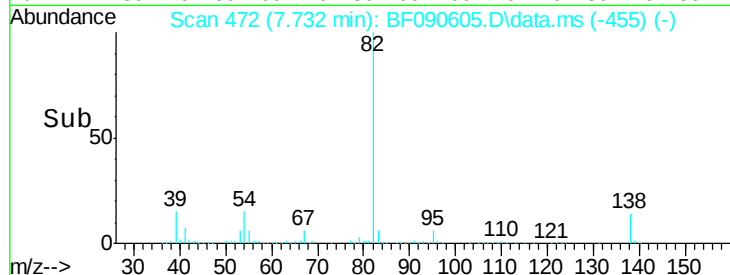
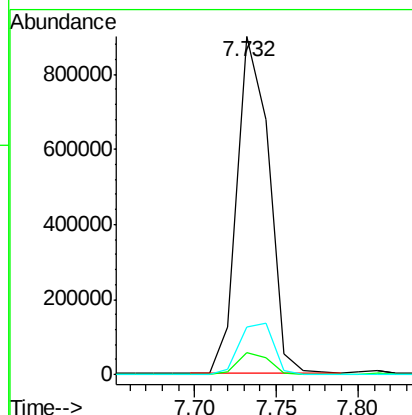
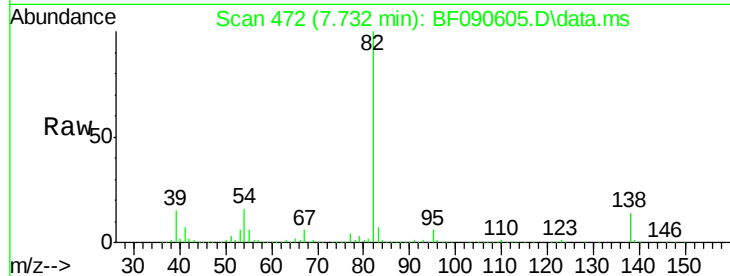
Tot Ion: 82 Resp: 1207419

Ion Ratio Lower Upper

82 100

95 6.3 5.0 7.6

138 14.0 11.5 17.3



#26

2-Nitrophenol

Concen: 42.73 ng

RT: 7.812 min Scan# 479

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

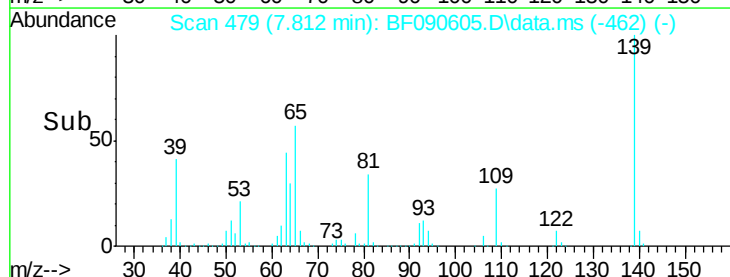
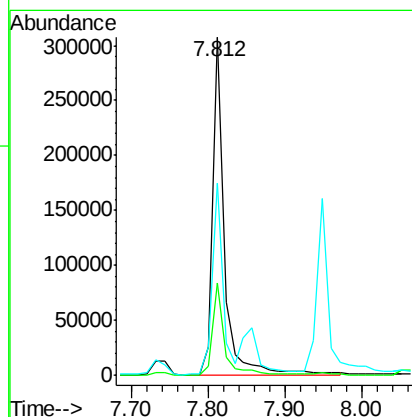
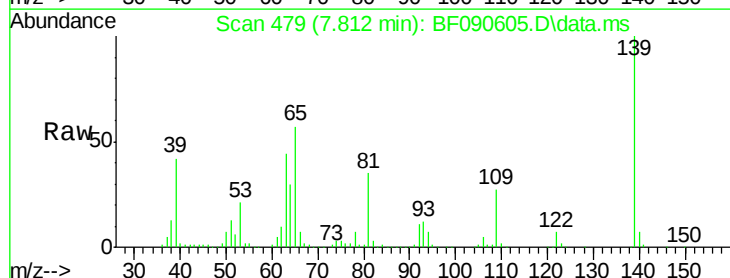
Tgt Ion: 139 Resp: 326334

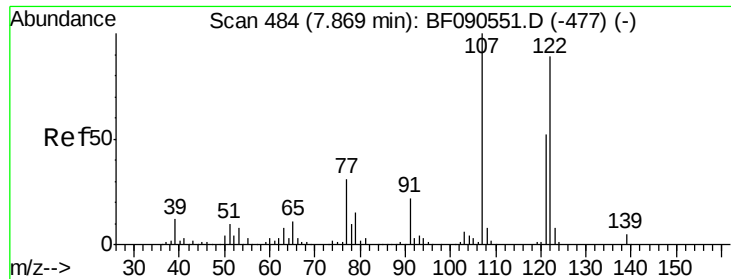
Ion Ratio Lower Upper

139 100

109 27.2 21.8 32.6

65 56.9 47.7 71.5





#27

2,4-Dimethylphenol

Concen: 43.06 ng

RT: 7.858 min Scan# 48

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

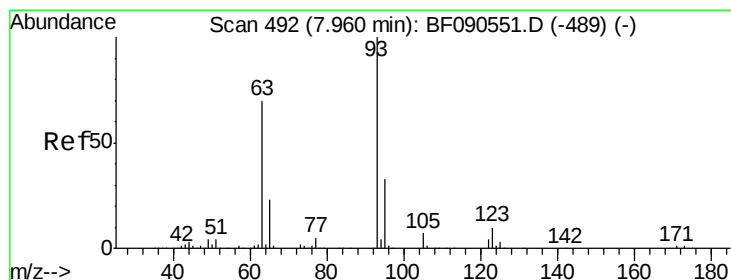
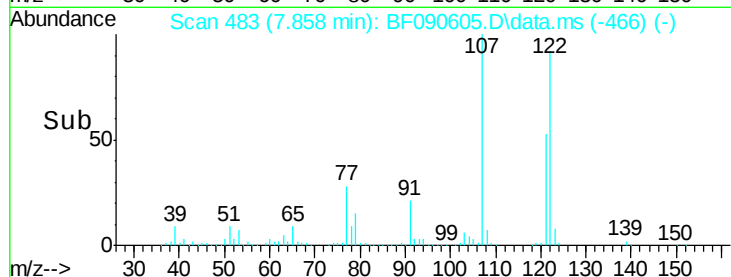
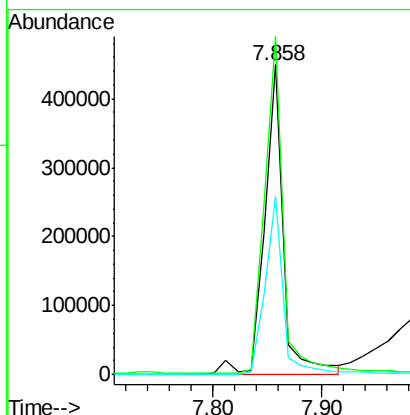
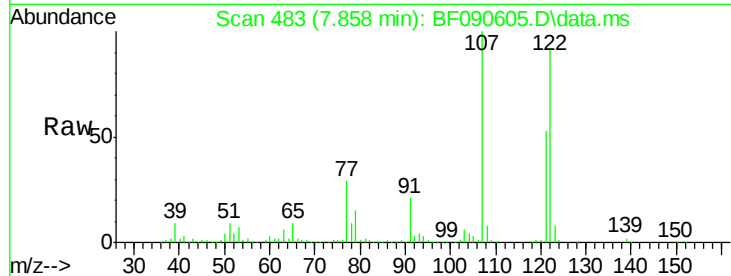
Tot Ion:122 Resp: 545778

Ion Ratio Lower Upper

122 100

107 109.2 89.8 134.6

121 57.4 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.64 ng

RT: 7.949 min Scan# 491

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

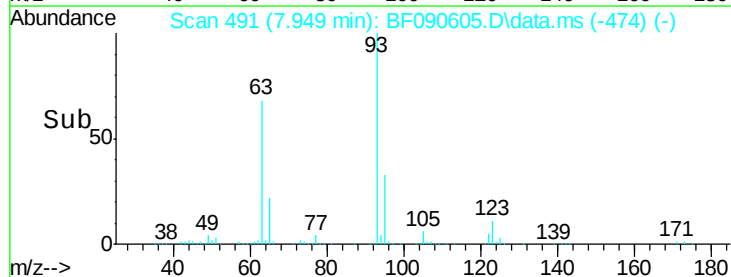
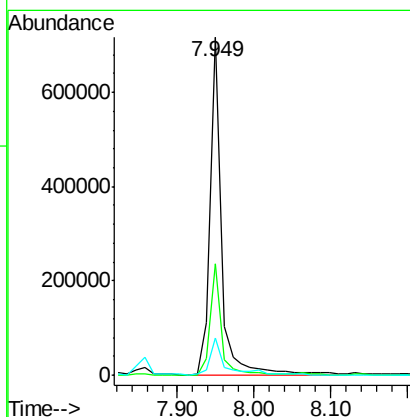
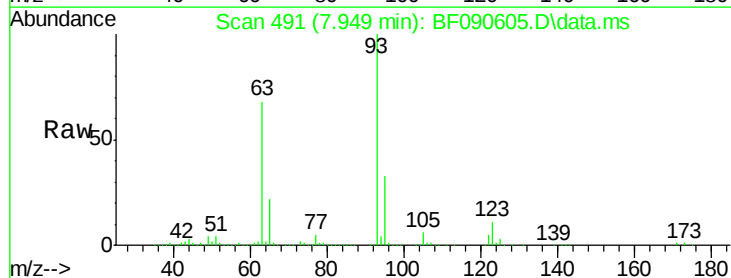
Tgt Ion: 93 Resp: 734093

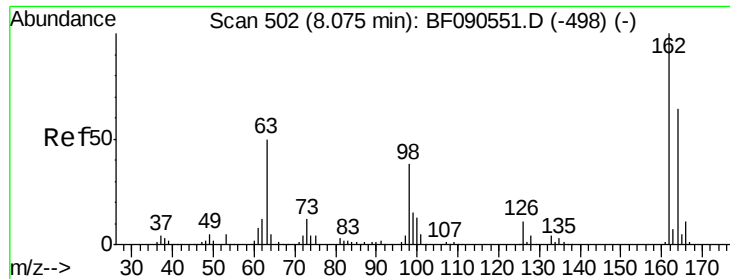
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 10.9 8.6 13.0

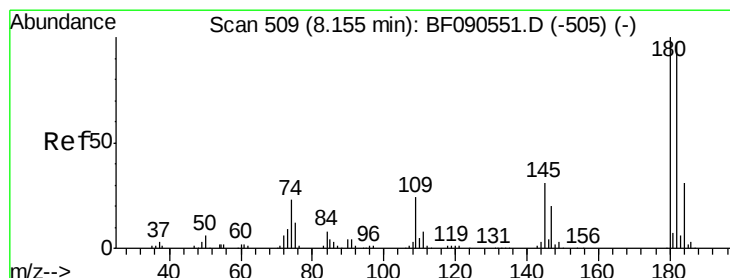
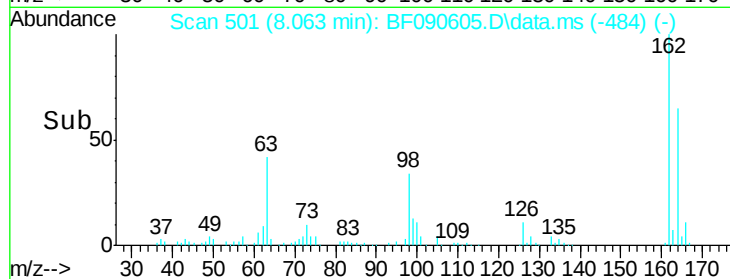
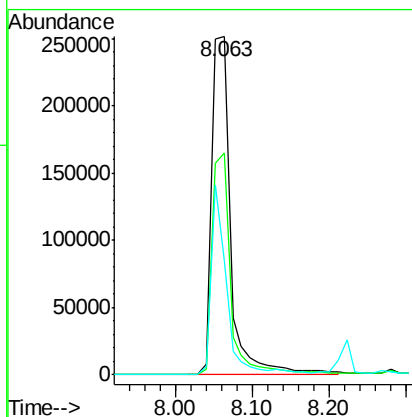
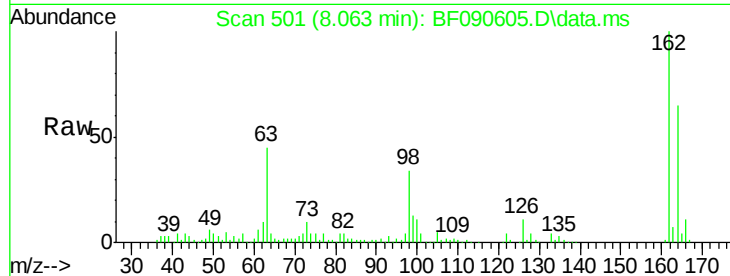




#29
 2,4-Dichlorophenol
 Concen: 38.70 ng
 RT: 8.063 min Scan# 501
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

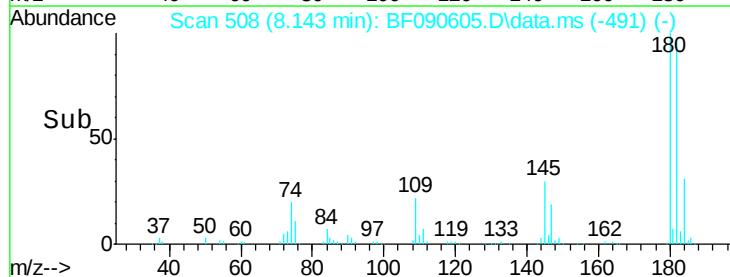
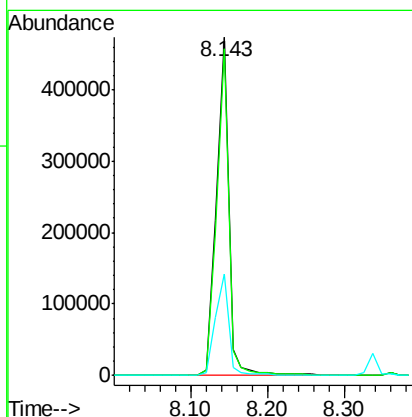
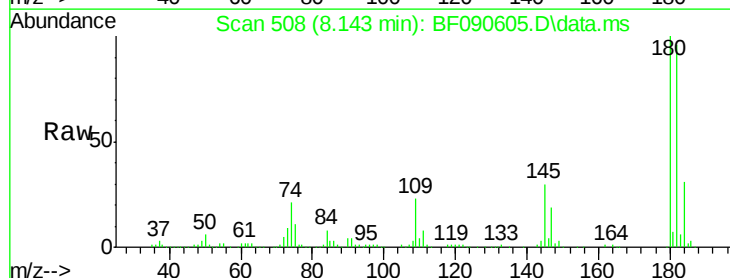
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

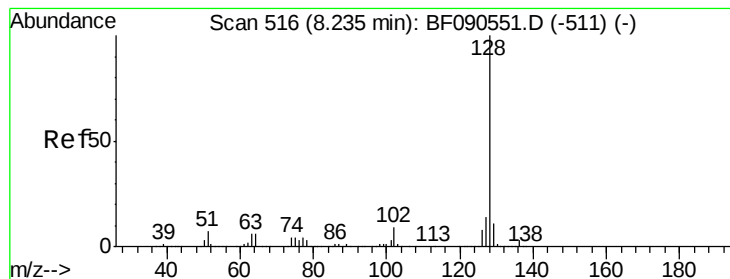
Tot Ion:162 Resp: 429634
 Ion Ratio Lower Upper
 162 100
 164 65.5 44.0 84.0
 98 33.7 18.0 58.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.62 ng
 RT: 8.143 min Scan# 508
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion:180 Resp: 528232
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.2 115.8
 145 29.8 24.4 36.6





#31

Naphthalene

Concen: 38.54 ng

RT: 8.223 min Scan# 51

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

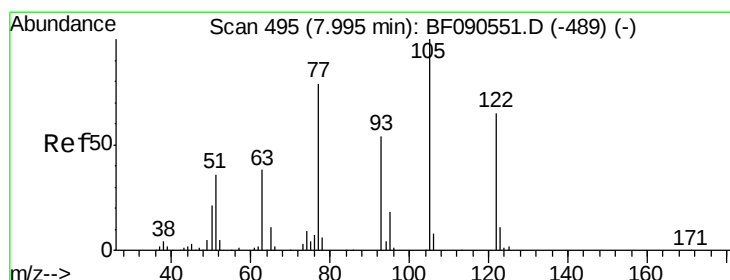
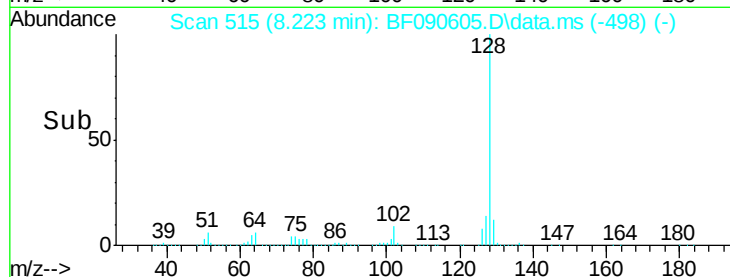
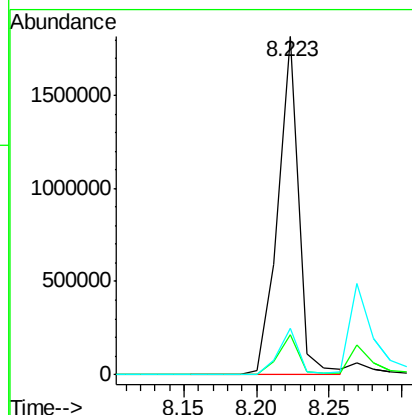
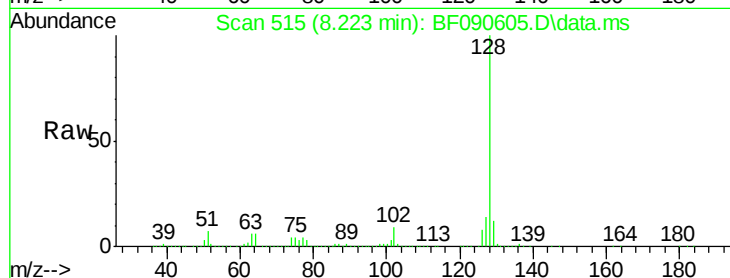
Tot Ion:128 Resp: 1788899

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

127 13.8 10.8 16.2



#32

Benzoic acid

Concen: 46.43 ng

RT: 8.006 min Scan# 496

Delta R.T. 0.012 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

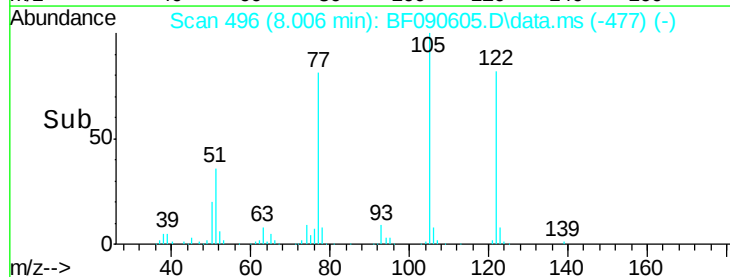
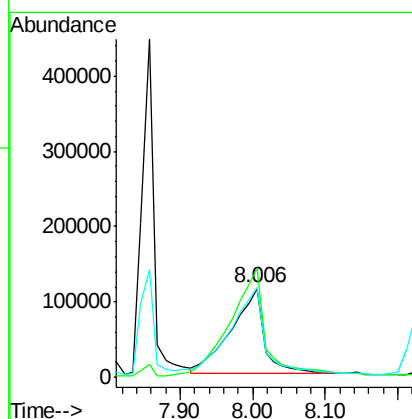
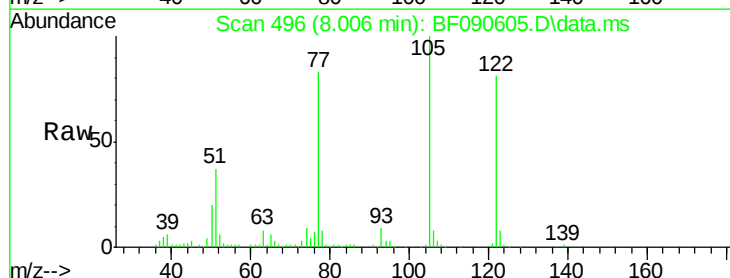
Tgt Ion:122 Resp: 361473

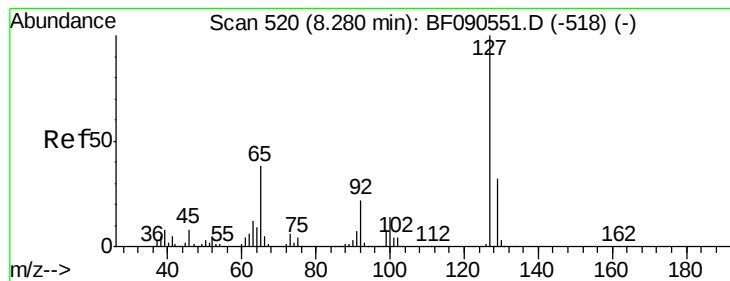
Ion Ratio Lower Upper

122 100

105 123.4 101.1 141.1

77 101.9 84.7 124.7





#33

4-Chloroaniline

Concen: 36.14 ng

RT: 8.269 min Scan# 51

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:127 Resp: 641220

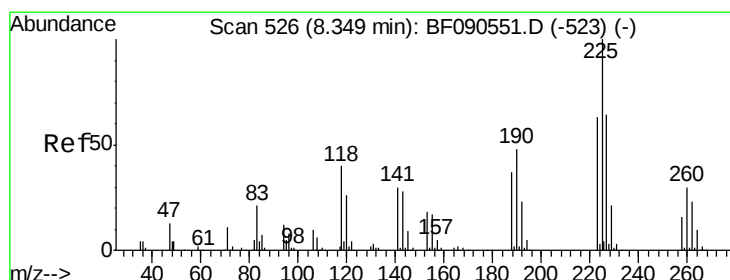
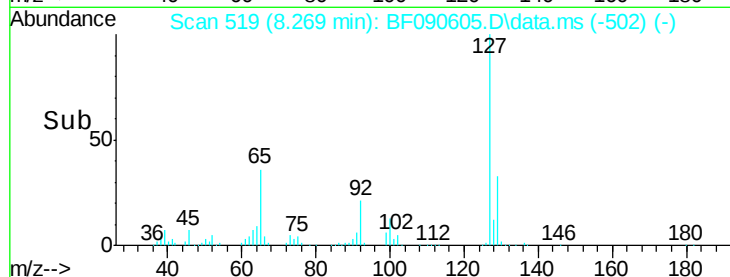
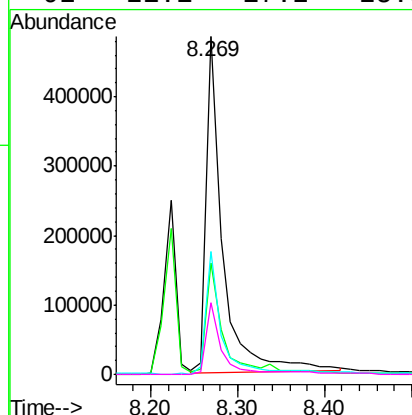
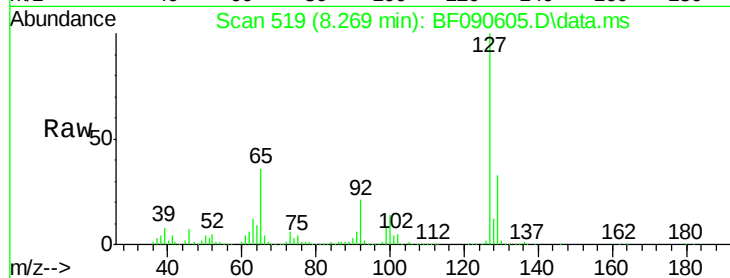
Ion Ratio Lower Upper

127 100

129 33.0 26.2 39.2

65 36.4 30.1 45.1

92 21.1 17.2 25.8



#34

Hexachlorobutadiene

Concen: 38.52 ng

RT: 8.338 min Scan# 525

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

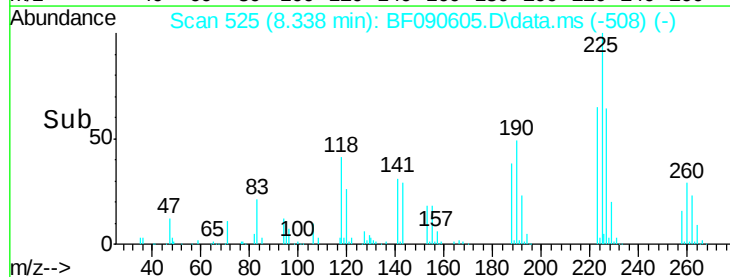
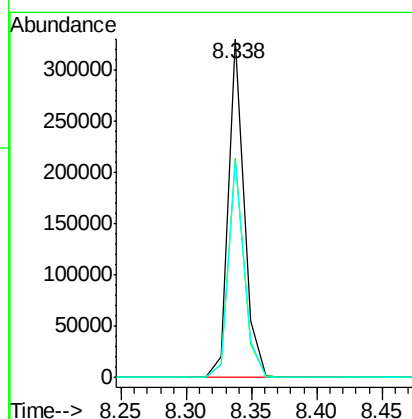
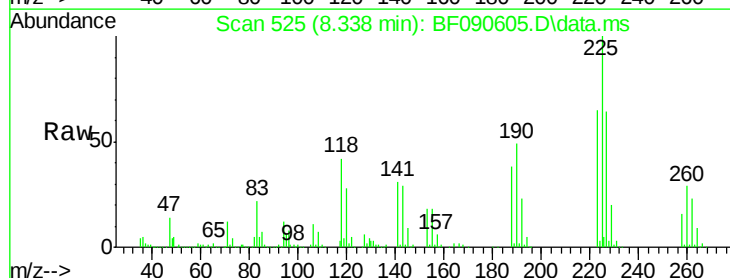
Tgt Ion:225 Resp: 279830

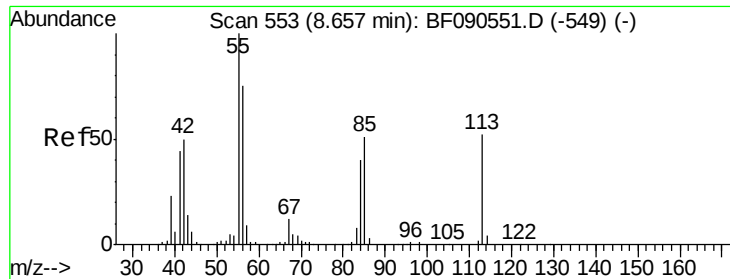
Ion Ratio Lower Upper

225 100

223 64.9 50.6 76.0

227 64.2 51.4 77.2





#35

Caprolactam

Concen: 48.25 ng

RT: 8.658 min Scan# 551

Delta R.T. 0.000 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

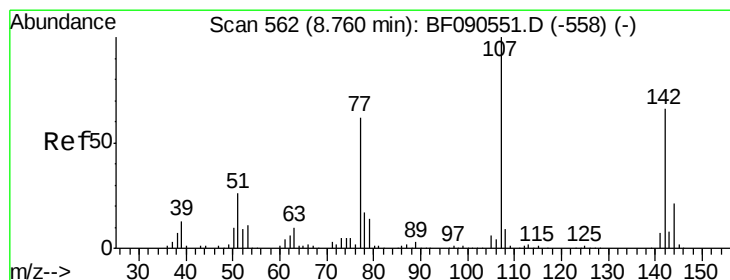
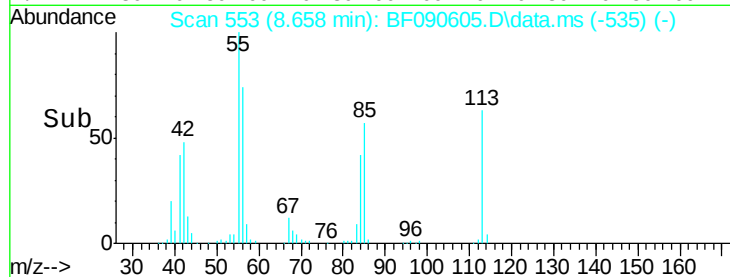
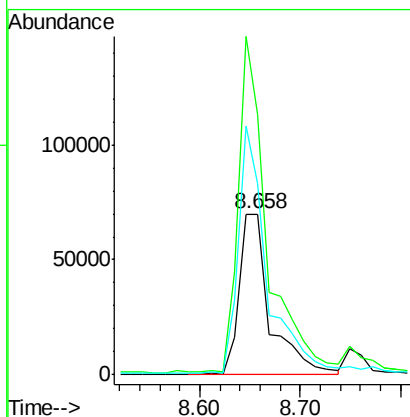
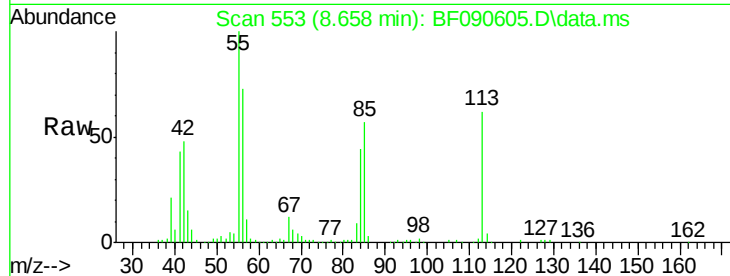
Tot Ion:113 Resp: 149504

Ion Ratio Lower Upper

113 100

55 161.6 170.8 210.8#

56 118.5 122.4 162.4#



#36

4-Chloro-3-methylphenol

Concen: 39.64 ng

RT: 8.749 min Scan# 561

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

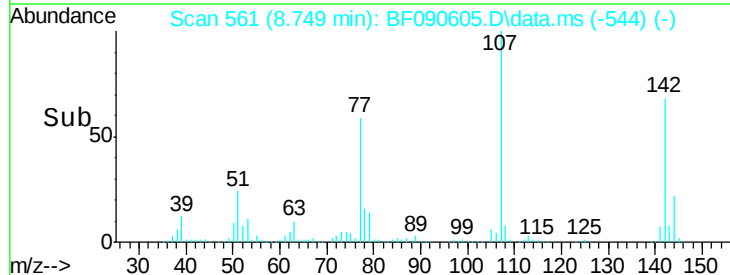
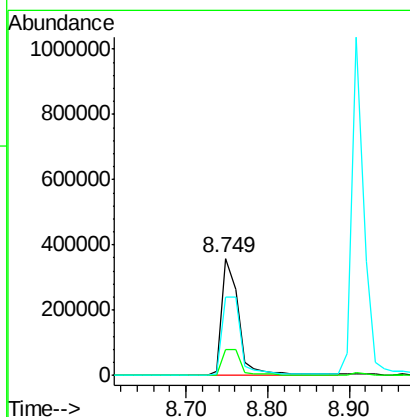
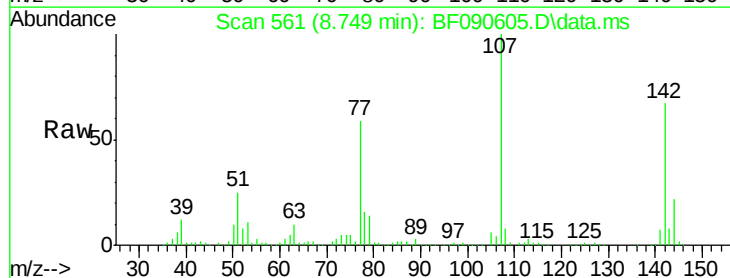
Tgt Ion:107 Resp: 507770

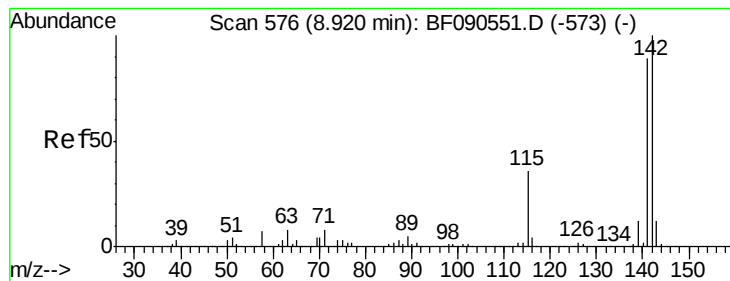
Ion Ratio Lower Upper

107 100

144 21.9 16.9 25.3

142 67.4 52.5 78.7





#37

2-Methylnaphthalene

Concen: 38.43 ng

RT: 8.909 min Scan# 57

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

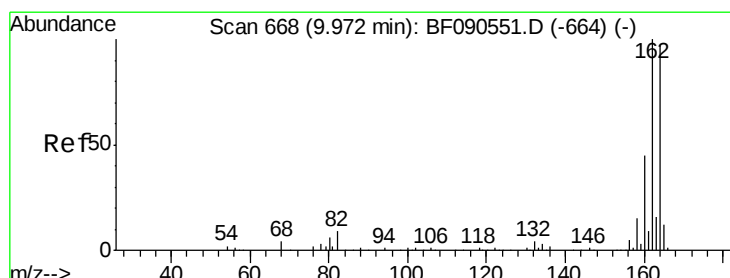
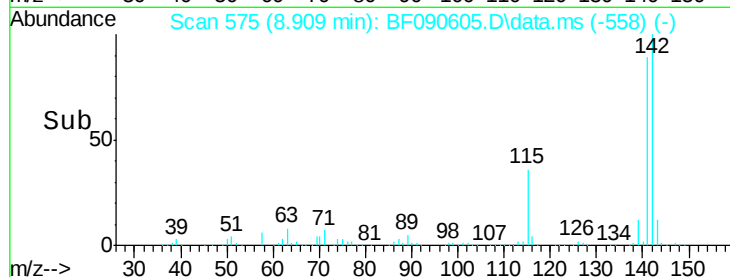
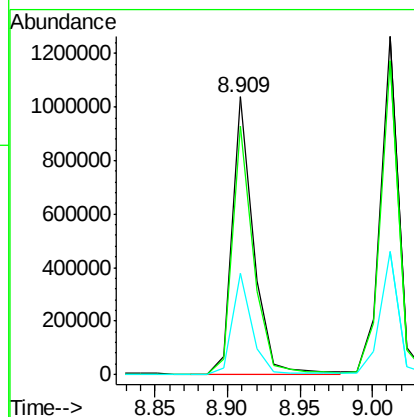
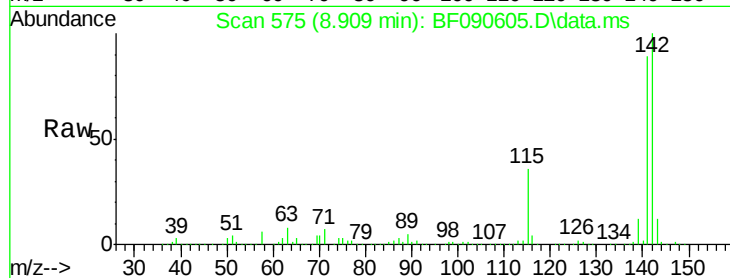
Tot Ion:142 Resp: 1047830

Ion Ratio Lower Upper

142 100

141 89.5 71.3 106.9

115 36.3 28.8 43.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.961 min Scan# 667

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

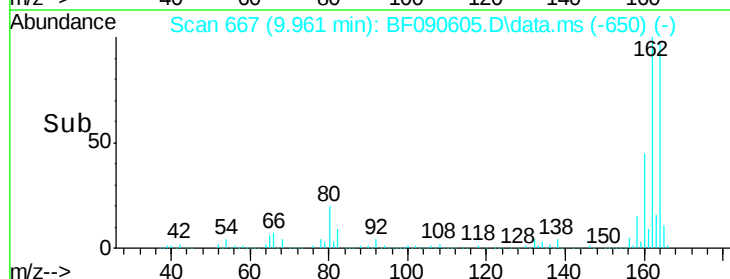
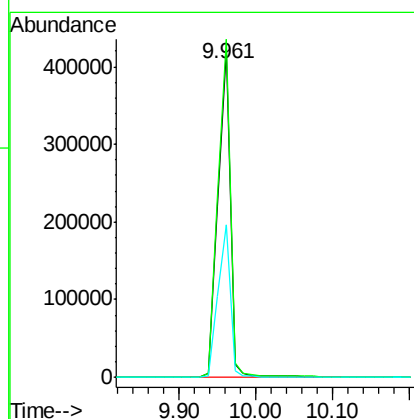
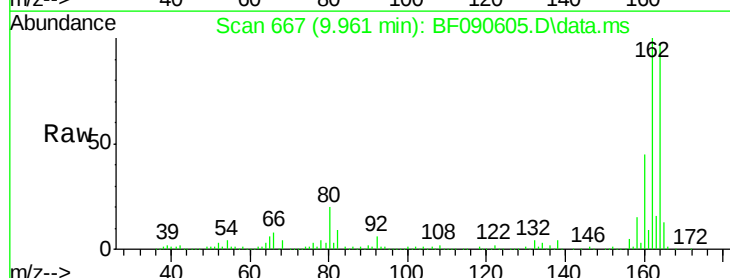
Tgt Ion:164 Resp: 466868

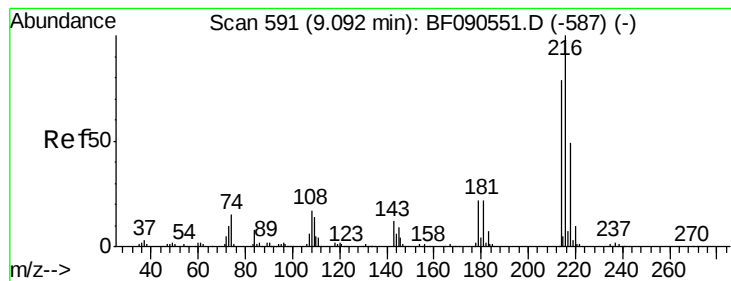
Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.4

160 46.9 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.29 ng

RT: 9.080 min Scan# 591

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:216 Resp: 523467

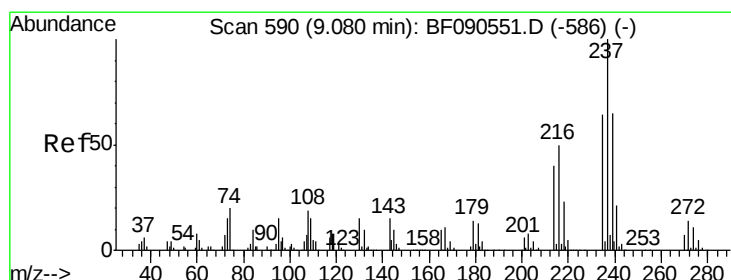
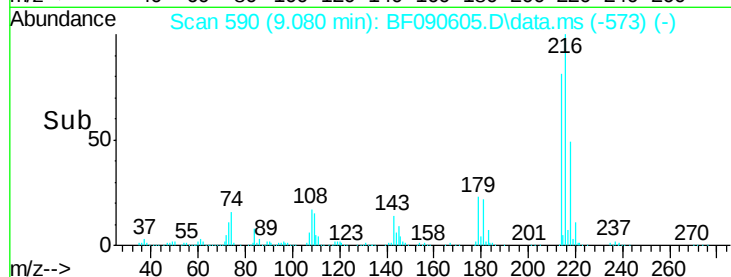
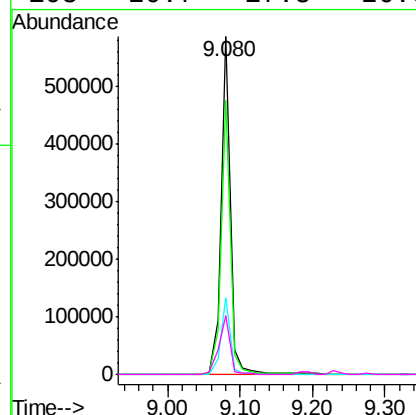
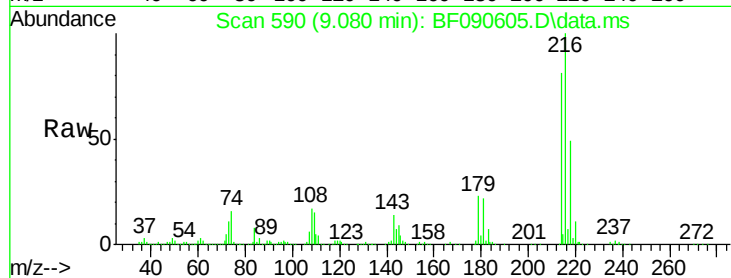
Ion Ratio Lower Upper

216 100

214 80.8 63.5 95.3

179 23.7 18.9 28.3

108 20.7 17.8 26.6



#40

Hexachlorocyclopentadiene

Concen: 41.56 ng

RT: 9.069 min Scan# 589

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

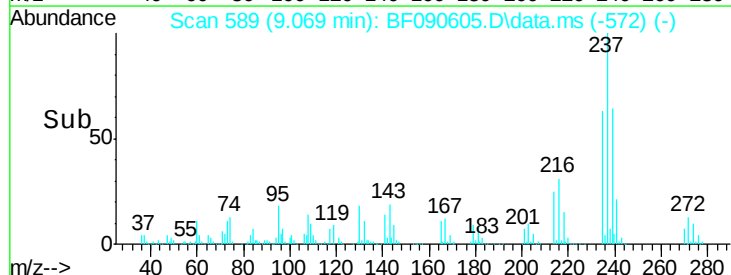
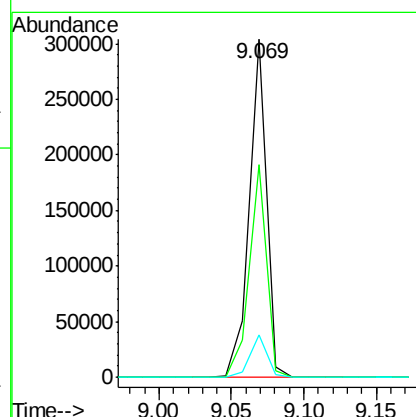
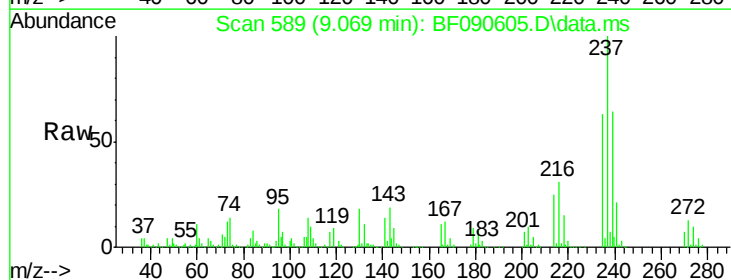
Tgt Ion:237 Resp: 251323

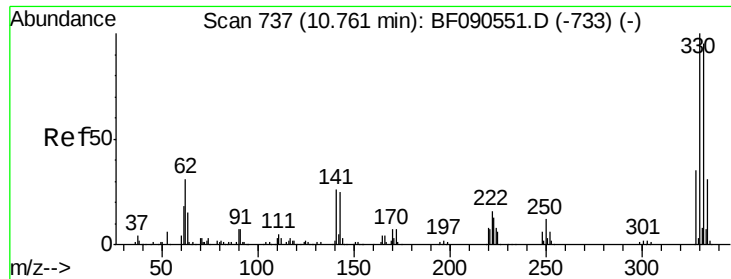
Ion Ratio Lower Upper

237 100

235 62.9 43.8 83.8

272 12.7 0.0 33.7

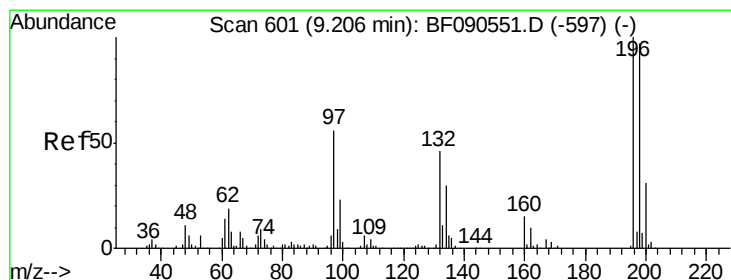
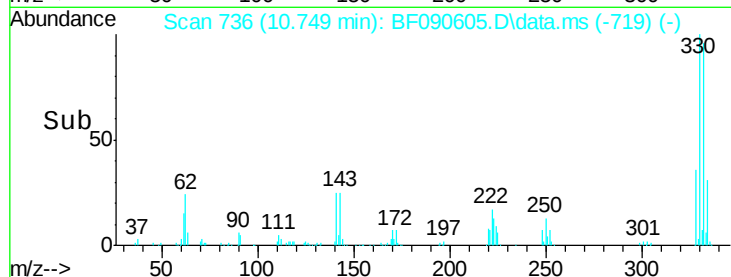
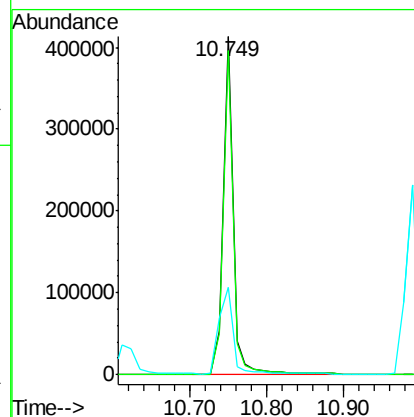
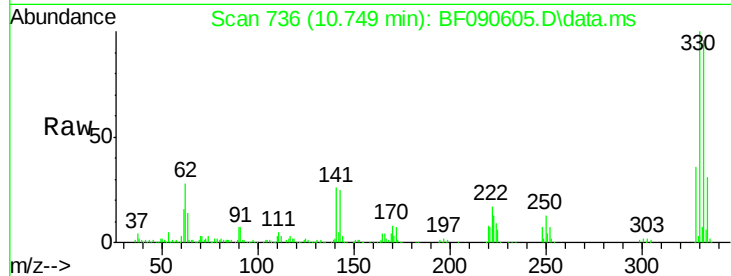




#41
 2,4,6-Tribromophenol
 Concen: 90.11 ng
 RT: 10.749 min Scan# 73
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

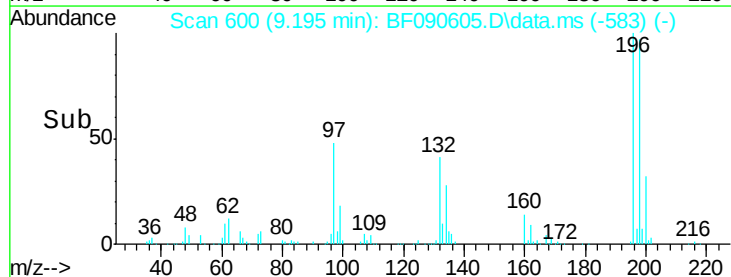
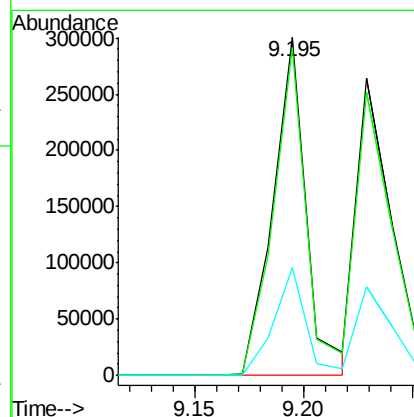
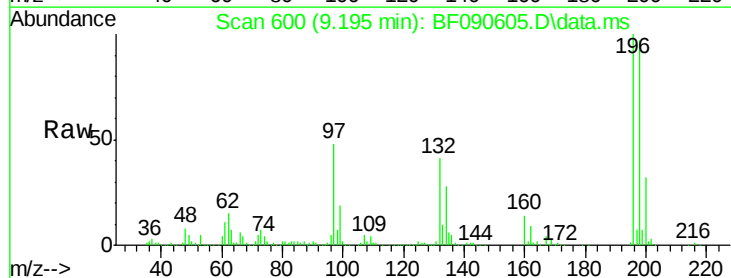
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

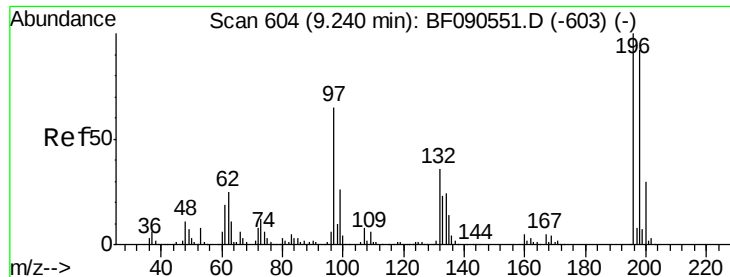
Tot Ion:330 Resp: 375052
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.2
 141 36.2 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 46.14 ng
 RT: 9.195 min Scan# 600
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion:196 Resp: 322150
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.9 116.9
 200 31.7 25.1 37.7

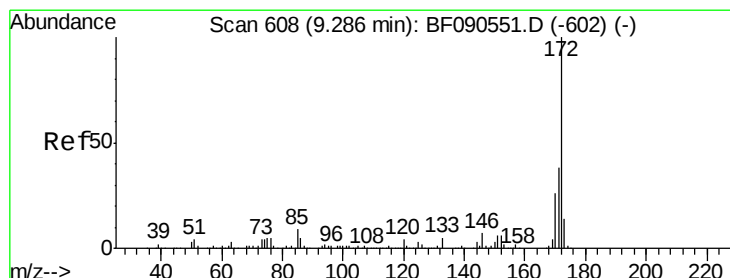
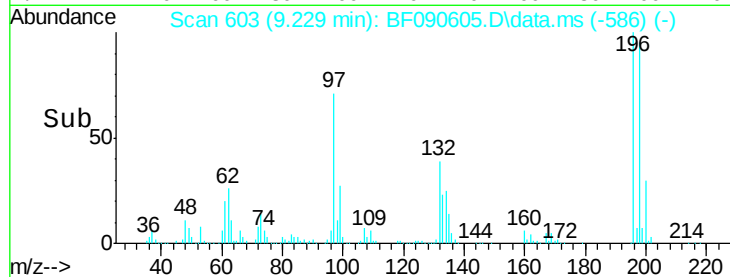
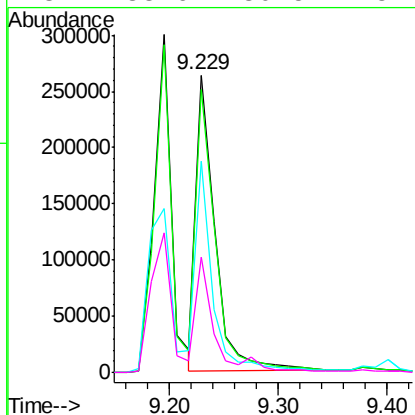
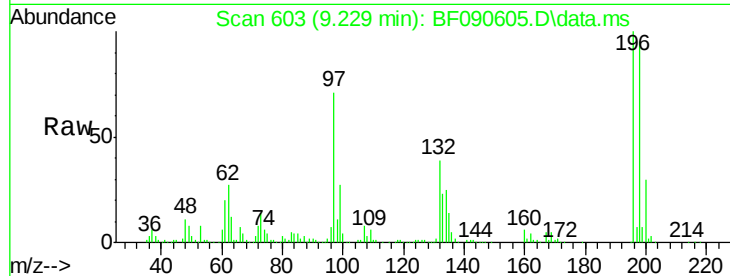




#43
 2,4,5-Trichlorophenol
 Concen: 38.69 ng
 RT: 9.229 min Scan# 60
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

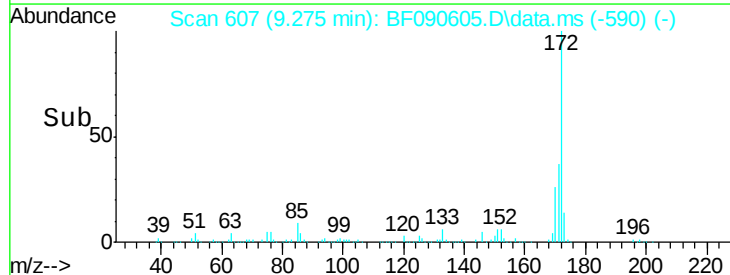
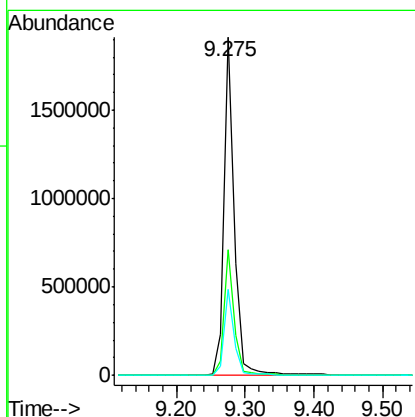
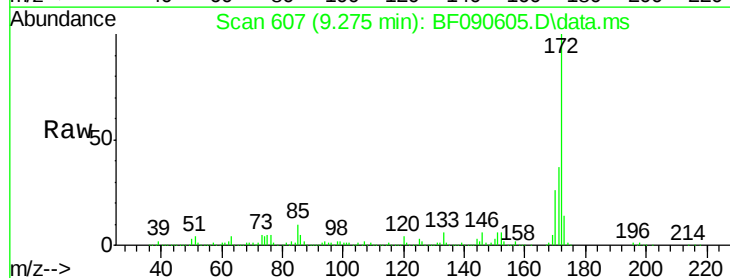
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC00040

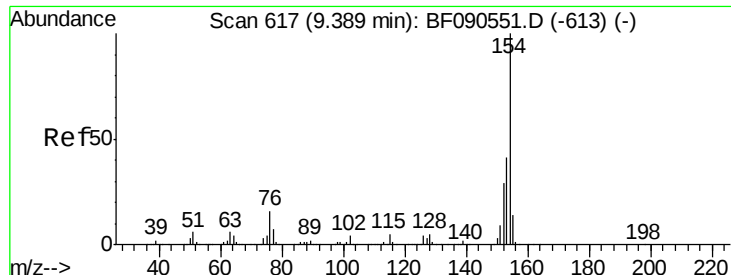
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.0	111.0
97	71.0	54.7	82.1
132	38.6	30.5	45.7



#44
 2-Fluorobiphenyl
 Concen: 72.13 ng
 RT: 9.275 min Scan# 607
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.1	45.1
170	25.5	20.6	30.8

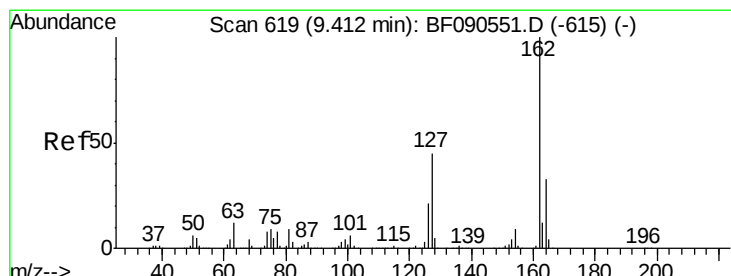
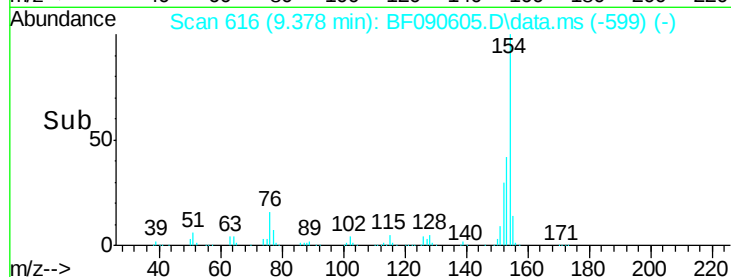
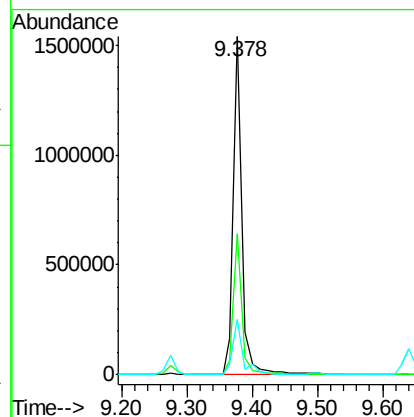
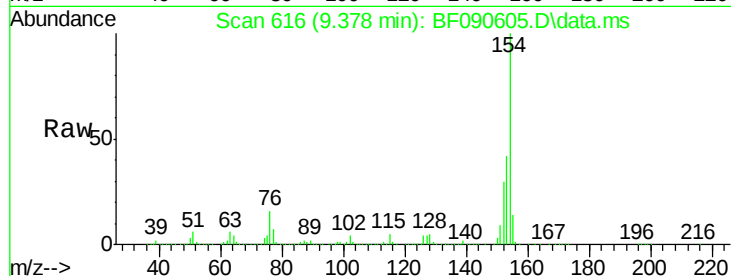




#45
 1,1'-Biphenyl
 Concen: 39.87 ng
 RT: 9.378 min Scan# 61
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

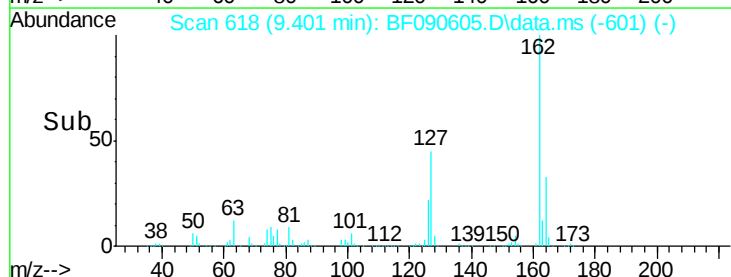
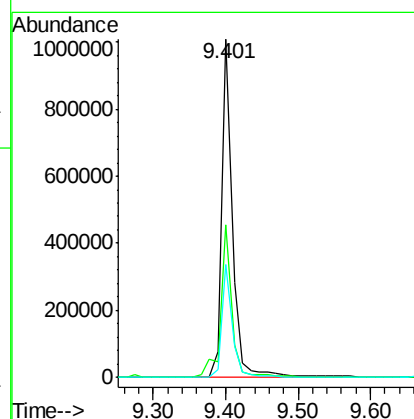
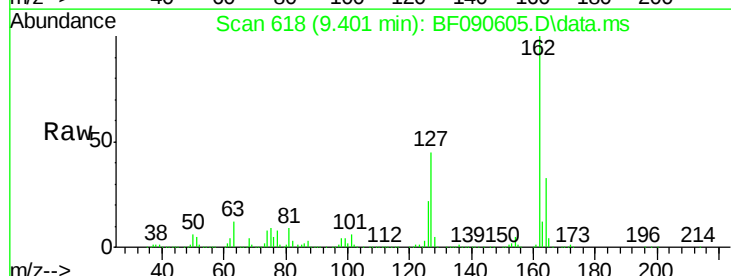
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

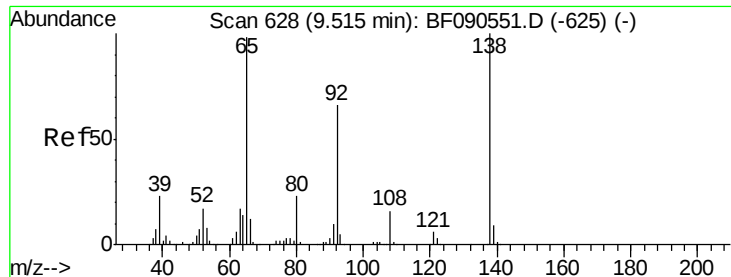
Tot Ion:154 Resp: 1416480
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.5 61.5
 76 16.4 0.0 36.0



#46
 2-Chloronaphthalene
 Concen: 39.15 ng
 RT: 9.401 min Scan# 618
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion:162 Resp: 1036969
 Ion Ratio Lower Upper
 162 100
 127 45.1 35.9 53.9
 164 33.2 26.7 40.1

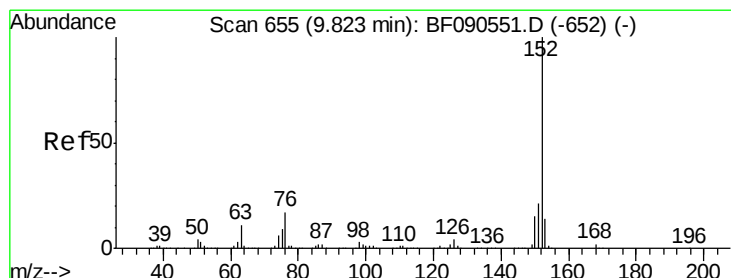
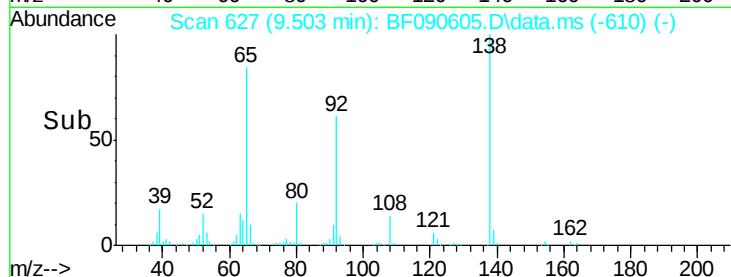
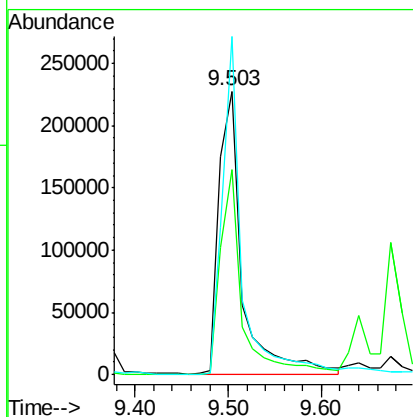
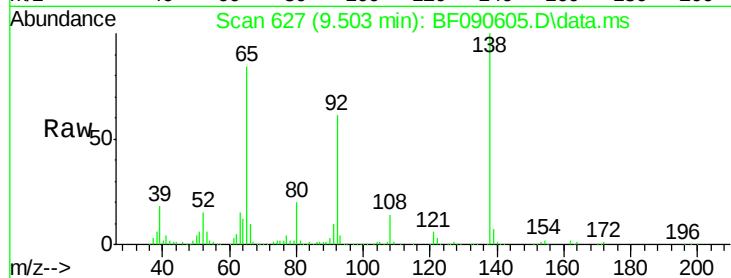




#47
2-Nitroaniline
Concen: 40.94 ng
RT: 9.503 min Scan# 62
Delta R.T. -0.011 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

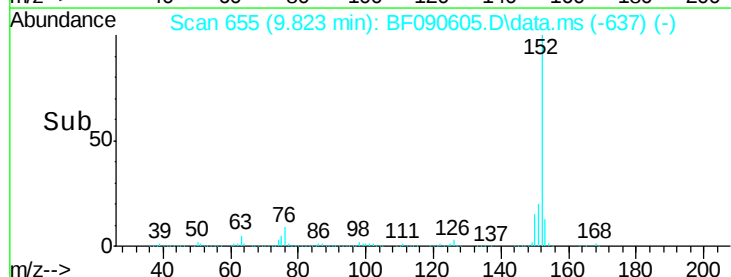
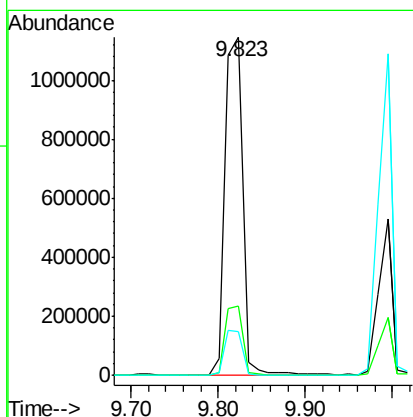
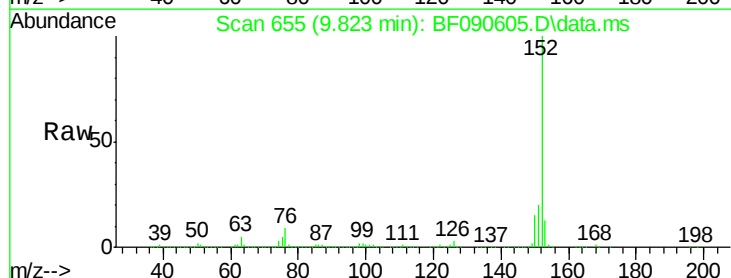
Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

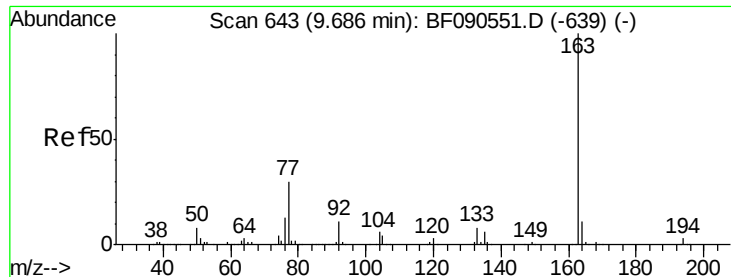
Tot Ion: 65 Resp: 393138
Ion Ratio Lower Upper
65 100
92 72.4 54.3 81.5
138 119.4 81.7 122.5



#48
Acenaphthylene
Concen: 38.80 ng
RT: 9.823 min Scan# 655
Delta R.T. 0.000 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion: 152 Resp: 1636818
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 13.1 11.3 16.9





#49

Dimethylphthalate

Concen: 38.39 ng

RT: 9.675 min Scan# 64

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

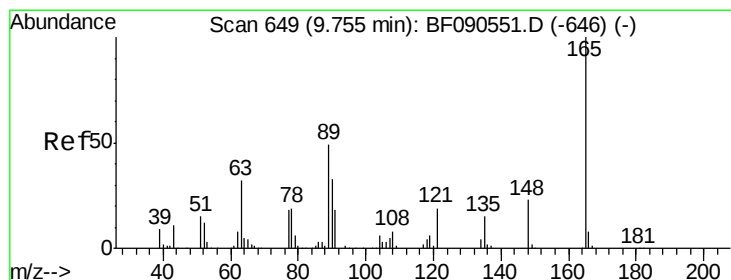
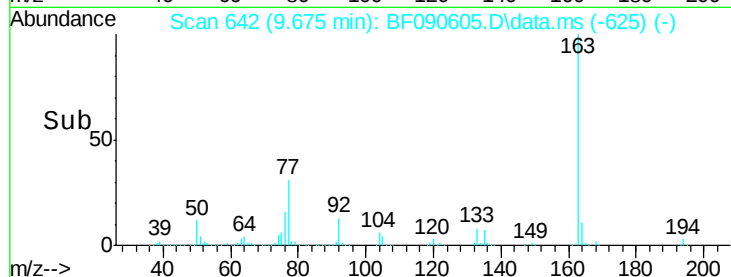
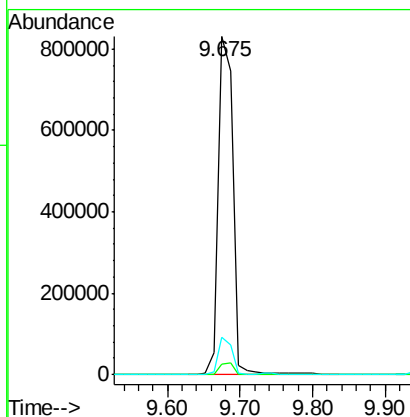
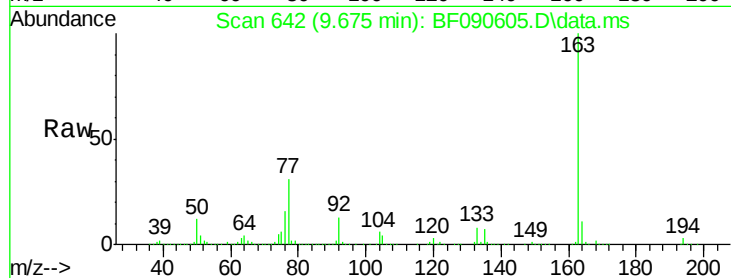
Tot Ion:163 Resp: 1162750

Ion Ratio Lower Upper

163 100

194 3.0 2.3 3.5

164 11.0 8.6 13.0



#50

2,6-Dinitrotoluene

Concen: 43.28 ng

RT: 9.743 min Scan# 648

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

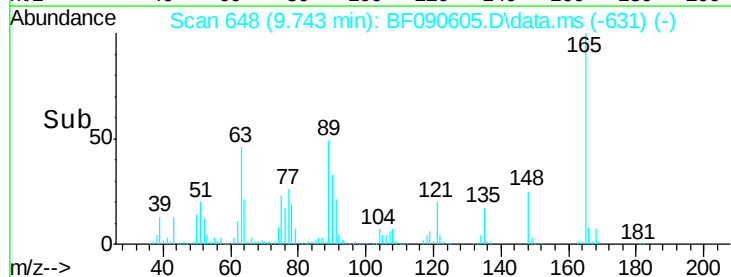
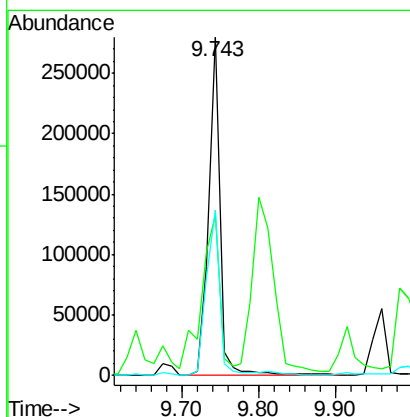
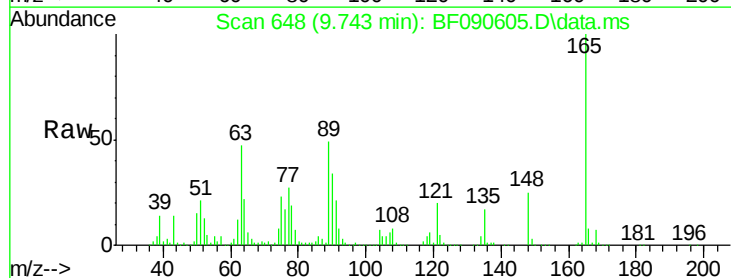
Tgt Ion:165 Resp: 286853

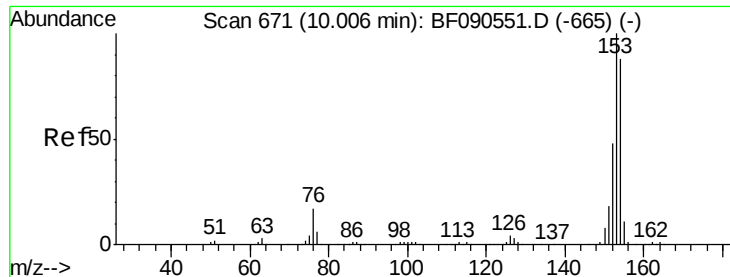
Ion Ratio Lower Upper

165 100

63 47.2 40.1 60.1

89 49.1 39.5 59.3





#51

Acenaphthene

Concen: 41.20 ng

RT: 9.995 min Scan# 671

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

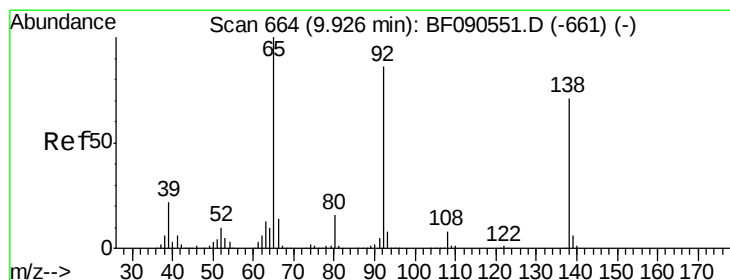
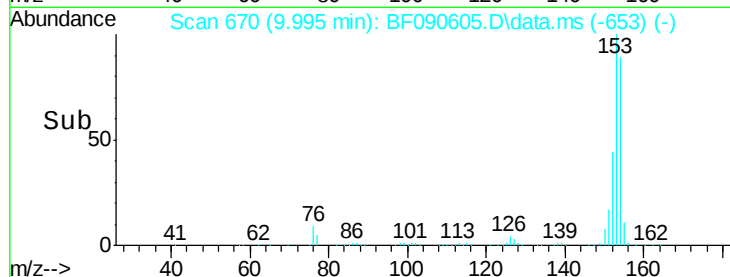
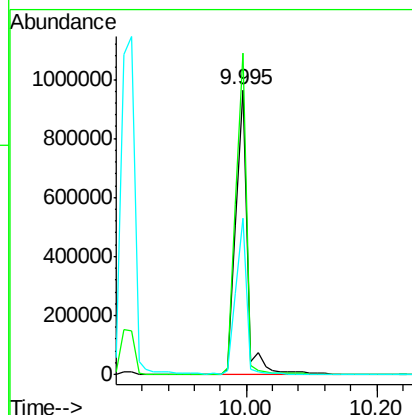
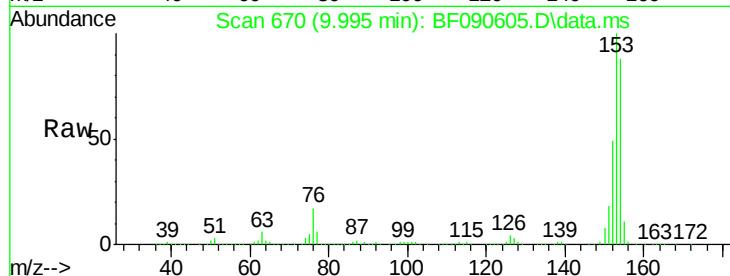
Tot Ion:154 Resp: 1155074

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

152 55.0 44.0 66.0



#52

3-Nitroaniline

Concen: 39.22 ng

RT: 9.915 min Scan# 663

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

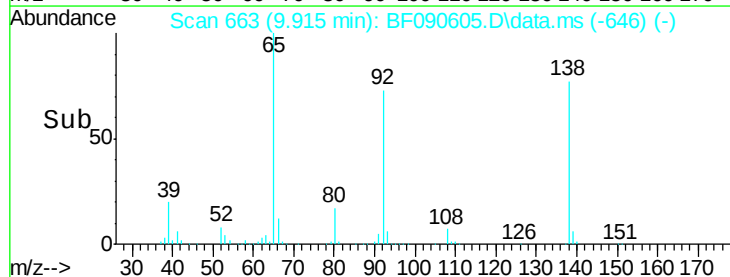
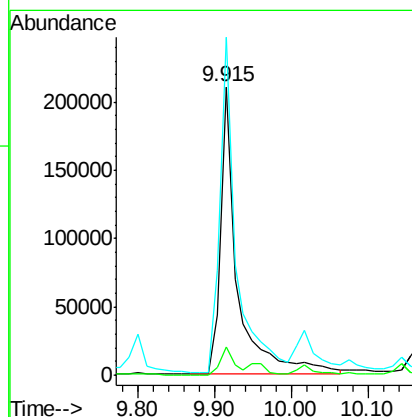
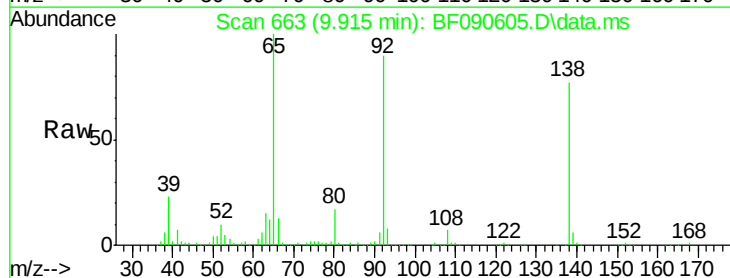
Tgt Ion:138 Resp: 326205

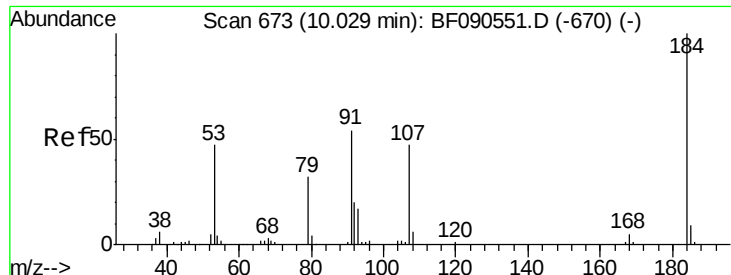
Ion Ratio Lower Upper

138 100

108 9.6 8.6 12.8

92 117.1 97.8 146.8

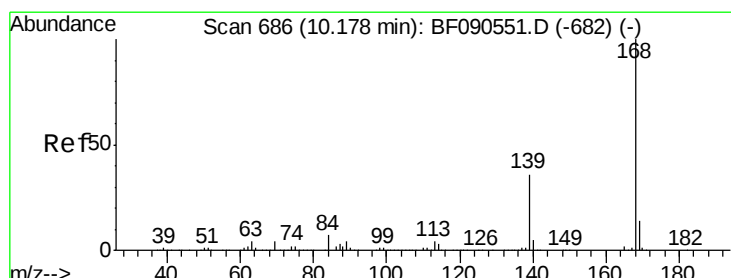
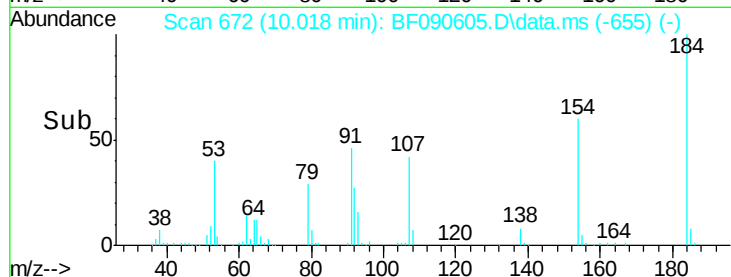
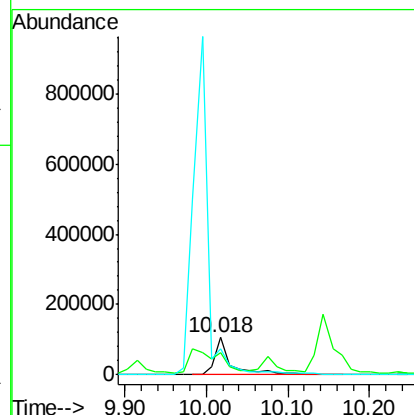
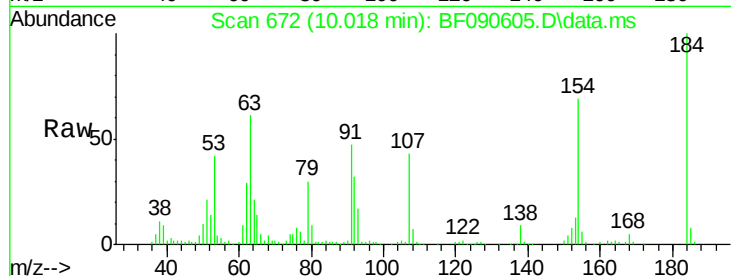




#53
2,4-Dinitrophenol
Concen: 43.90 ng
RT: 10.018 min Scan# 67
Delta R.T. -0.011 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

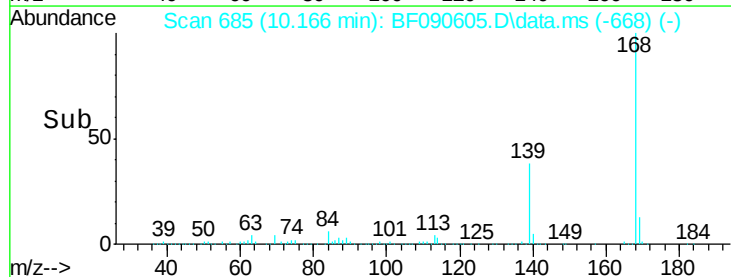
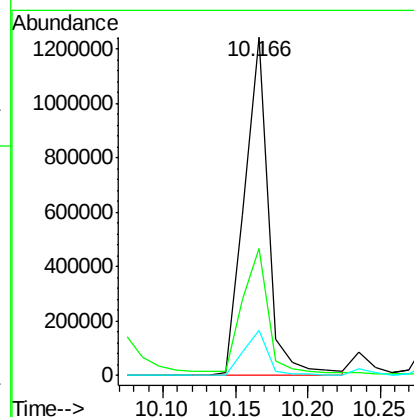
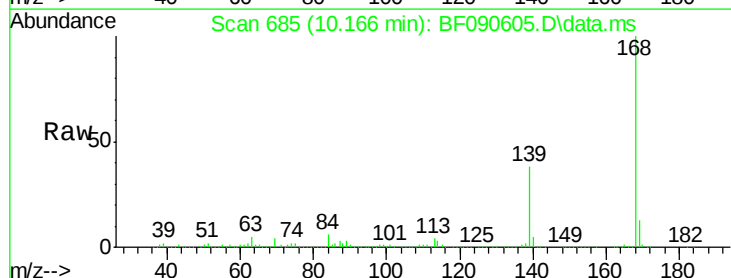
Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

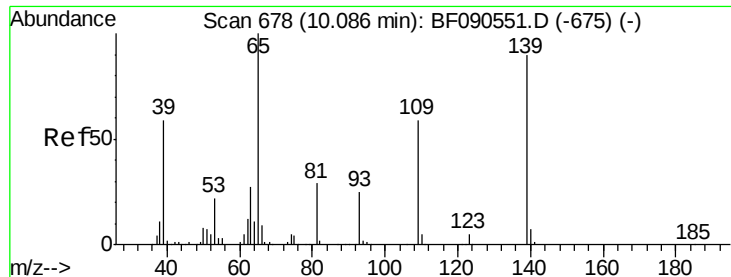
Tot Ion:184 Resp: 148044
Ion Ratio Lower Upper
184 100
63 60.8 60.2 90.2
154 69.1 86.1 129.1#



#54
Dibenzofuran
Concen: 38.60 ng
RT: 10.166 min Scan# 685
Delta R.T. -0.011 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion:168 Resp: 1423455
Ion Ratio Lower Upper
168 100
139 37.7 30.5 45.7
169 13.4 10.9 16.3

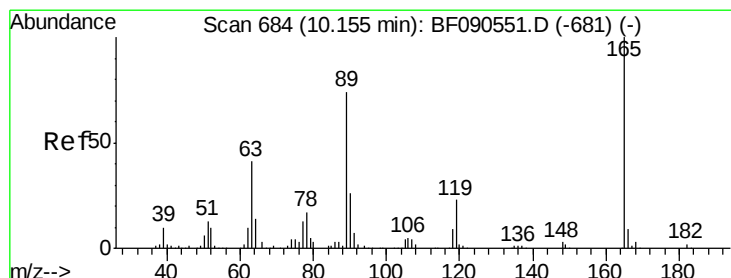
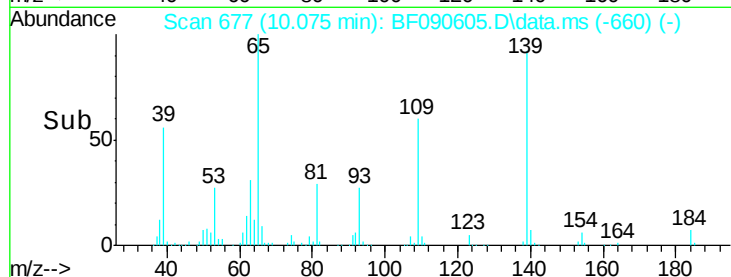
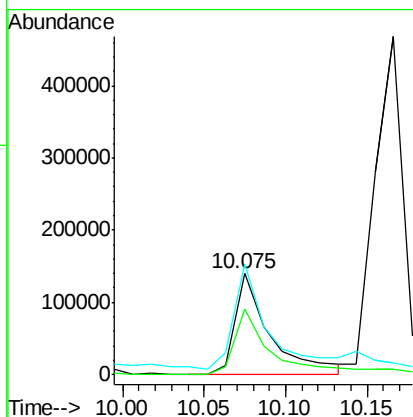
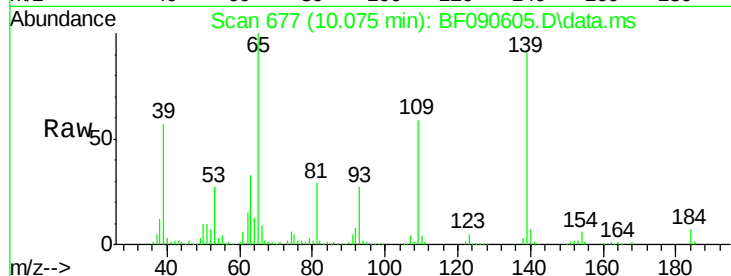




#55
4-Nitrophenol
Concen: 40.60 ng
RT: 10.075 min Scan# 67
Delta R.T. -0.011 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

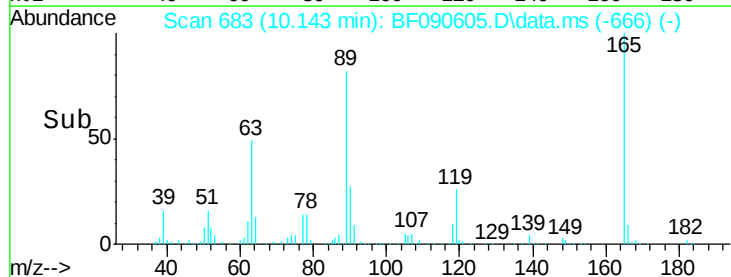
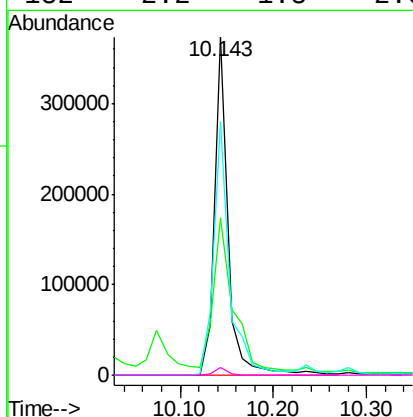
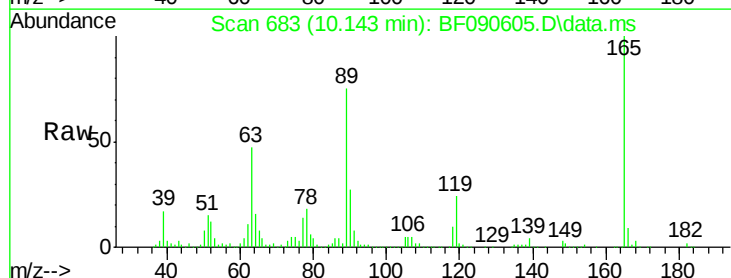
Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

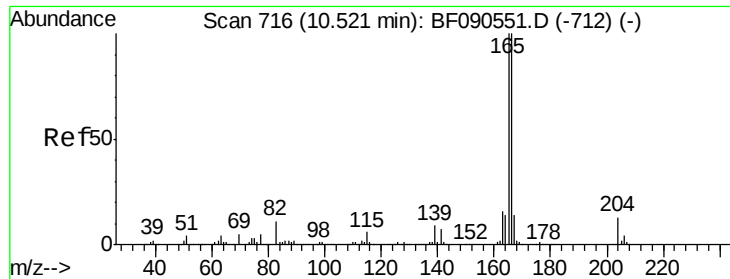
Tot Ion:139 Resp: 203228
Ion Ratio Lower Upper
139 100
109 65.2 45.9 85.9
65 109.7 95.8 135.8



#56
2,4-Dinitrotoluene
Concen: 41.66 ng
RT: 10.143 min Scan# 683
Delta R.T. -0.011 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion:165 Resp: 375040
Ion Ratio Lower Upper
165 100
63 46.5 35.4 53.0
89 75.1 59.0 88.4
182 2.2 1.8 2.6

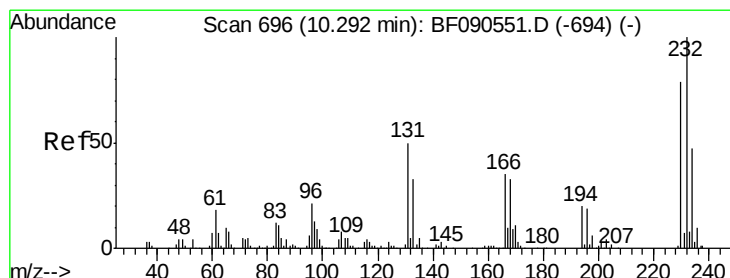
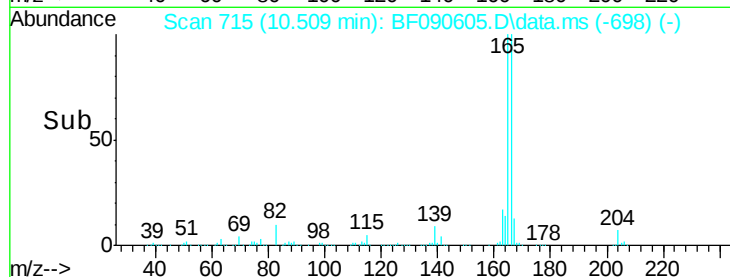
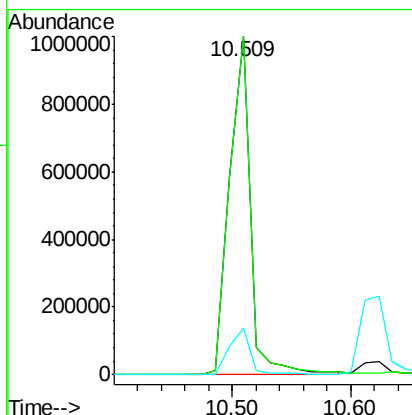
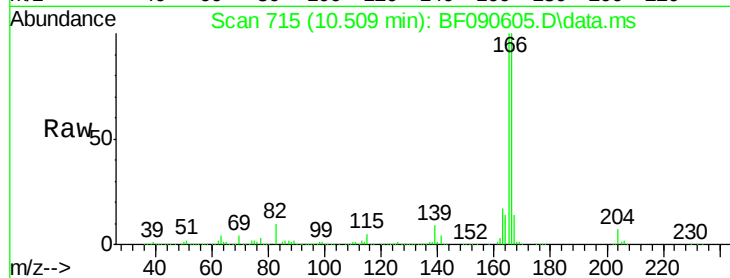




#57
 Fluorene
 Concen: 39.97 ng
 RT: 10.509 min Scan# 716
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

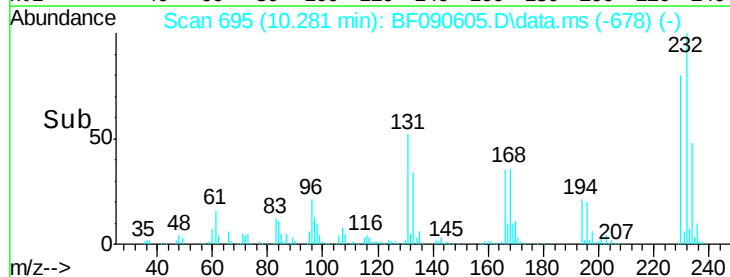
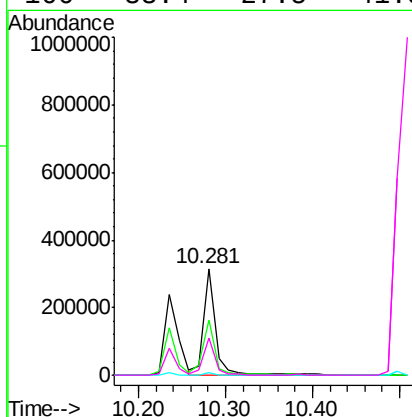
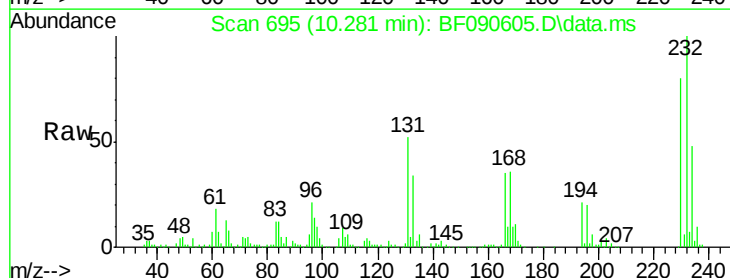
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

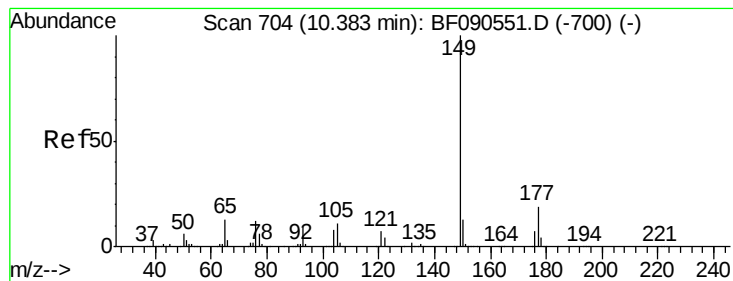
Tot Ion:166 Resp: 1215945
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.9 119.9
 167 13.5 10.9 16.3



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.90 ng
 RT: 10.281 min Scan# 695
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion:232 Resp: 297588
 Ion Ratio Lower Upper
 232 100
 131 51.6 42.6 64.0
 130 2.3 1.8 2.8
 166 33.4 27.5 41.3





#59

Diethylphthalate

Concen: 41.60 ng

RT: 10.383 min Scan# 704

Delta R.T. 0.000 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

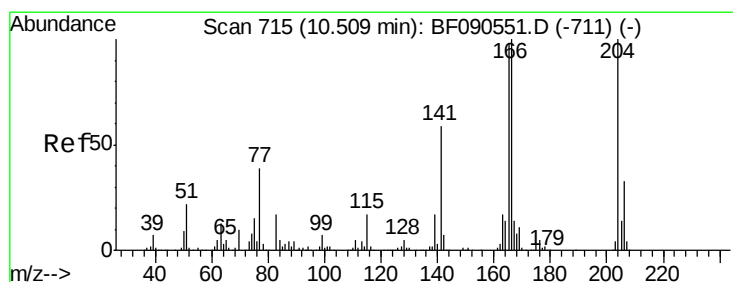
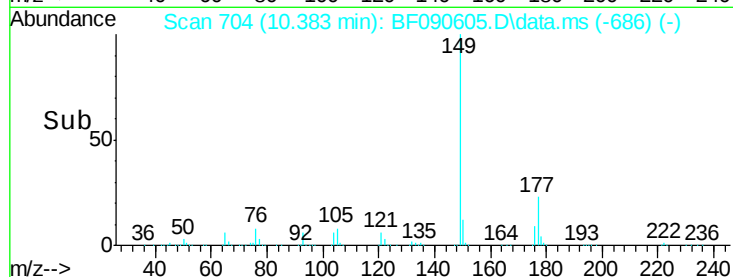
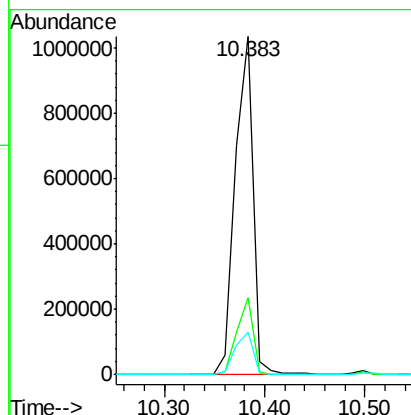
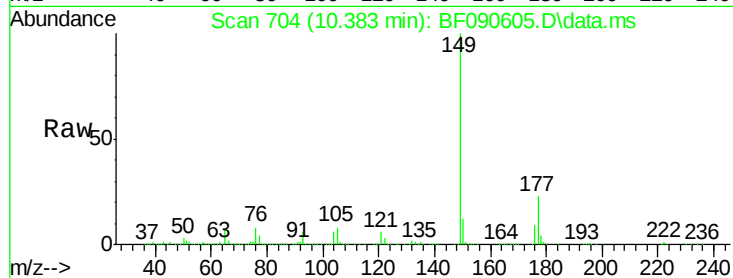
Tot Ion:149 Resp: 1277986

Ion Ratio Lower Upper

149 100

177 22.9 15.3 22.9

150 12.4 10.3 15.5



#60

4-Chlorophenyl-phenylether

Concen: 40.99 ng

RT: 10.498 min Scan# 714

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

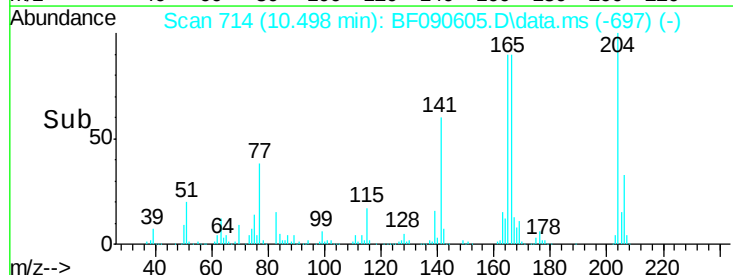
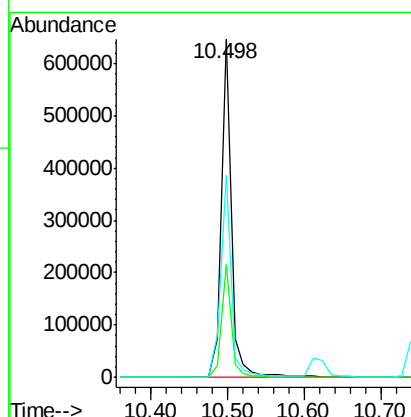
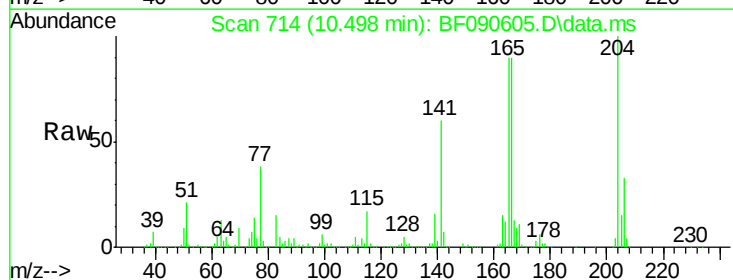
Tgt Ion:204 Resp: 587843

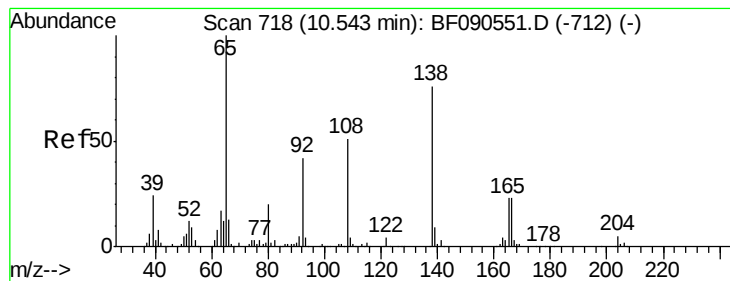
Ion Ratio Lower Upper

204 100

206 33.2 26.5 39.7

141 60.0 47.2 70.8





#61

4-Nitroaniline

Concen: 40.80 ng

RT: 10.532 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

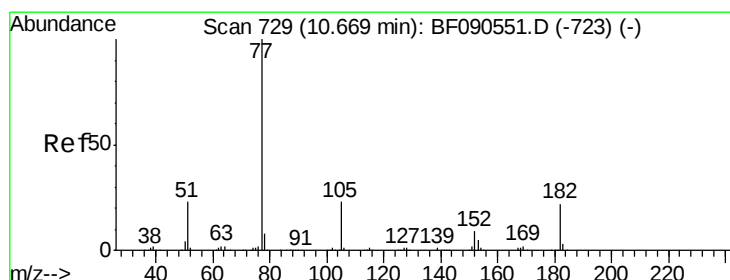
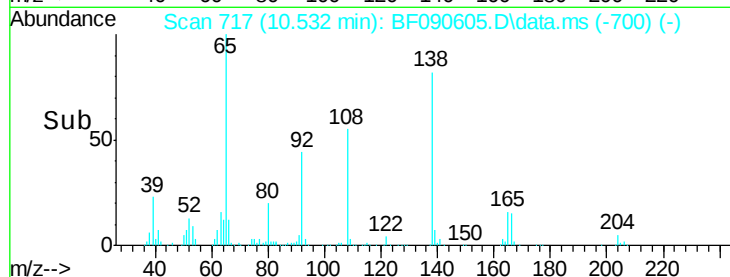
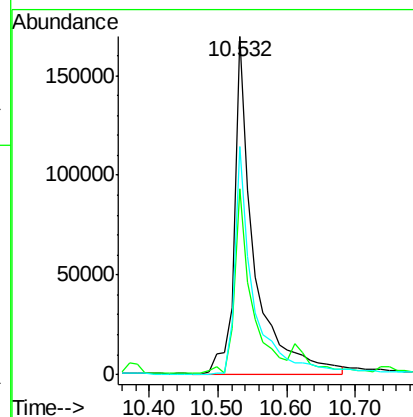
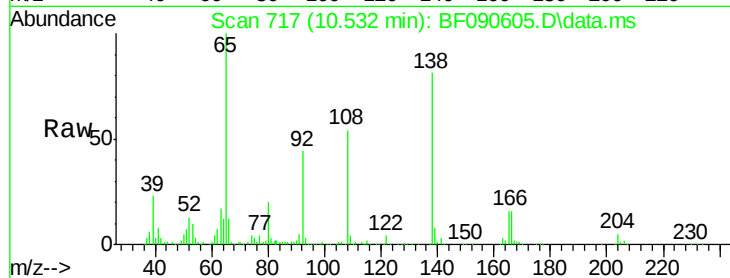
Tot Ion:138 Resp: 340242

Ion Ratio Lower Upper

138 100

92 54.8 35.7 75.7

108 67.4 46.9 86.9



#62

Azobenzene

Concen: 41.36 ng

RT: 10.658 min Scan# 728

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion: 77 Resp: 1469896

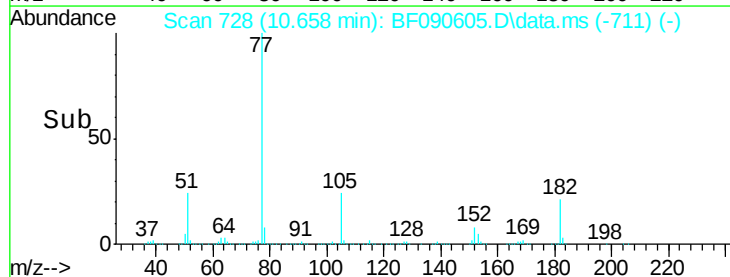
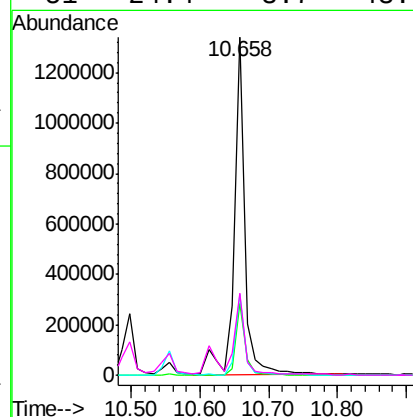
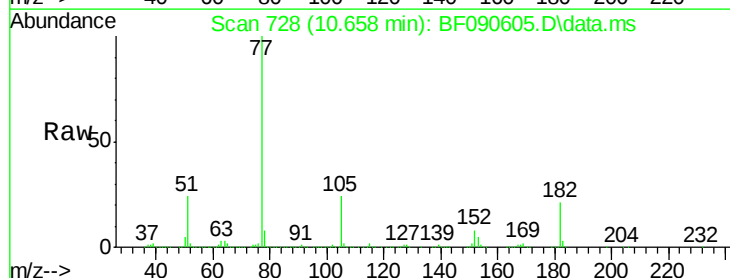
Ion Ratio Lower Upper

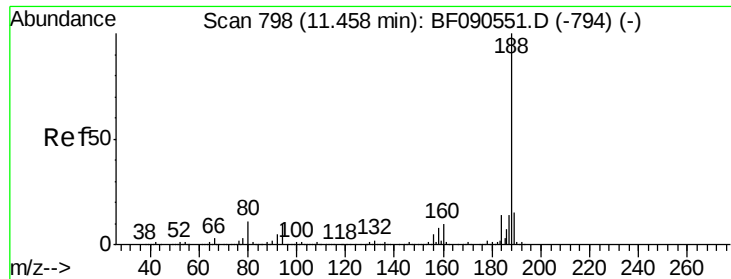
77 100

182 21.2 2.2 42.2

105 23.7 3.5 43.5

51 24.4 3.7 43.7

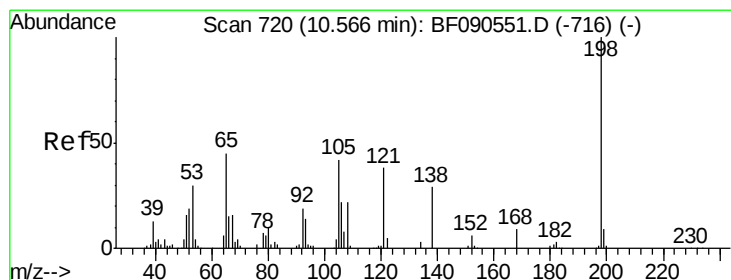
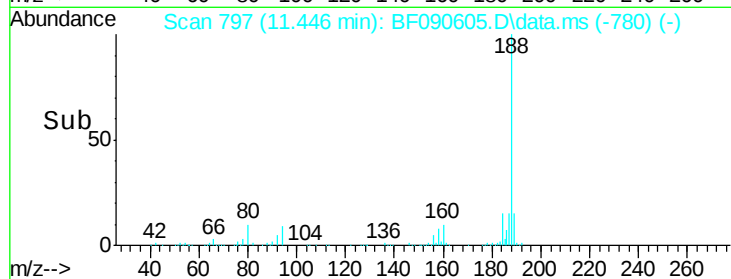
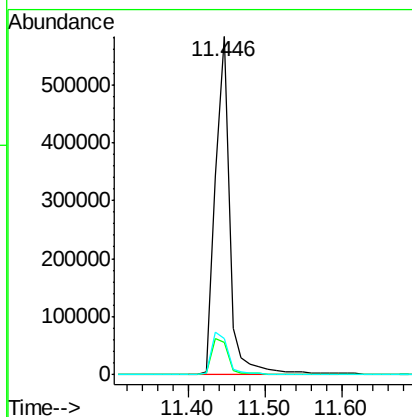
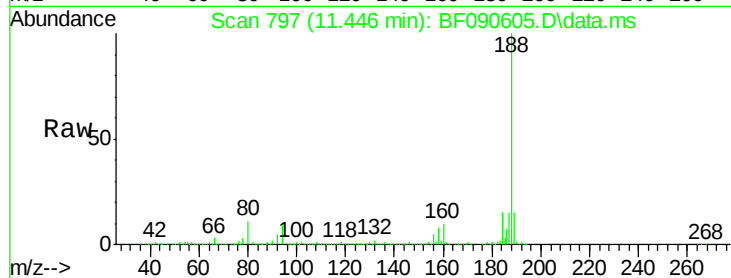




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.446 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

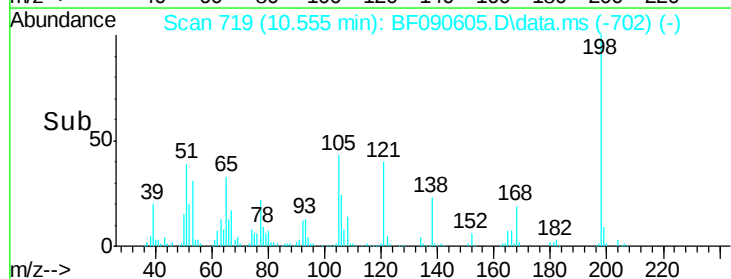
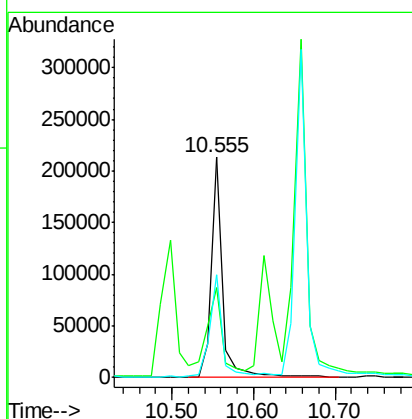
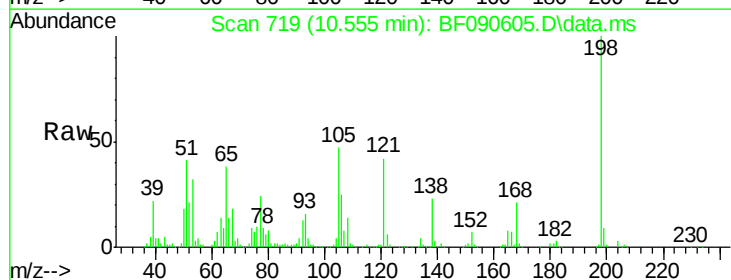
Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

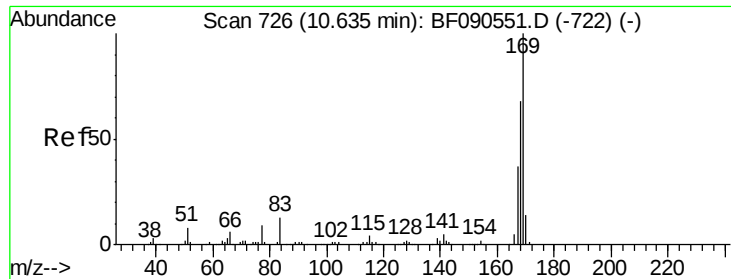
Tot Ion:188 Resp: 758622
Ion Ratio Lower Upper
188 100
94 9.5 7.7 11.5
80 10.5 8.6 12.8



#64
4,6-Dinitro-2-methylphenol
Concen: 45.54 ng
RT: 10.555 min Scan# 719
Delta R.T. -0.011 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion:198 Resp: 209095
Ion Ratio Lower Upper
198 100
51 40.6 19.7 59.7
105 46.6 22.6 62.6

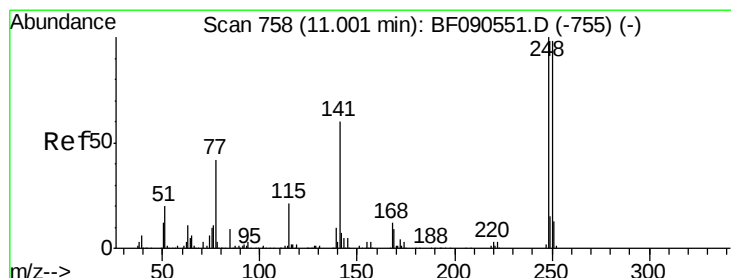
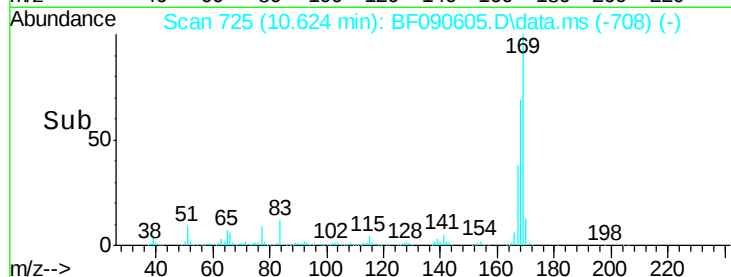
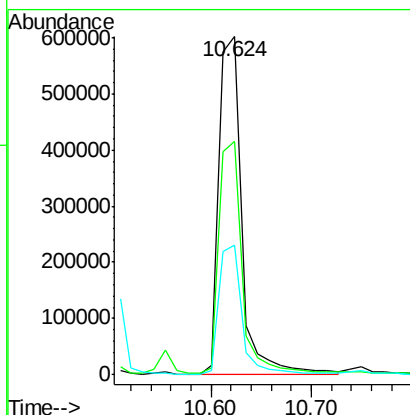
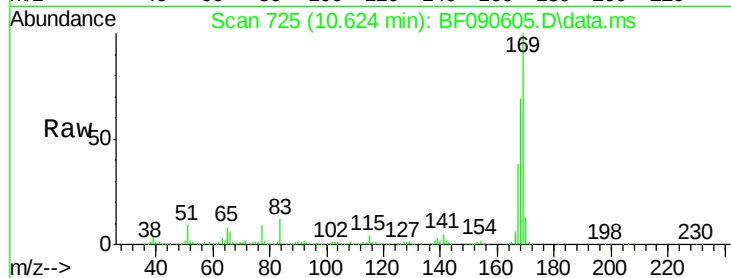




#65
n-Nitrosodiphenylamine
Concen: 38.08 ng
RT: 10.624 min Scan# 72
Delta R.T. -0.011 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

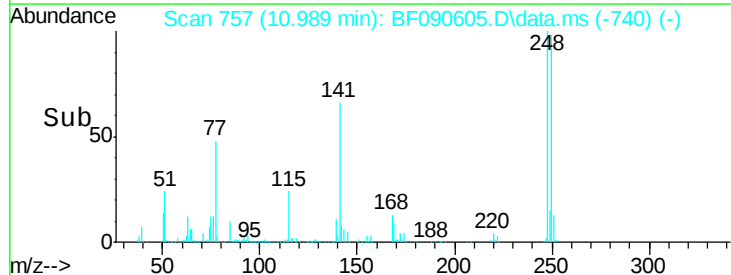
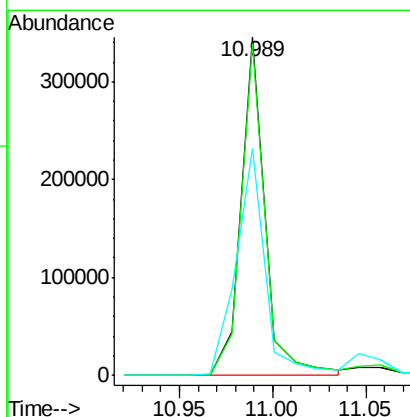
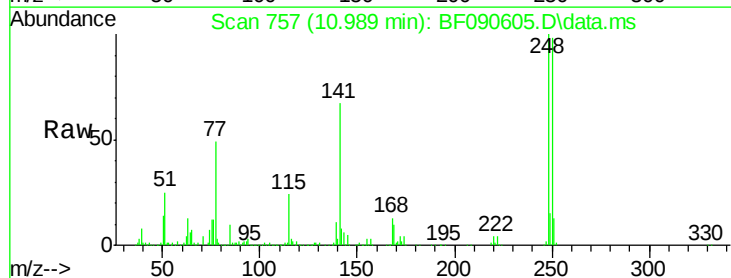
Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

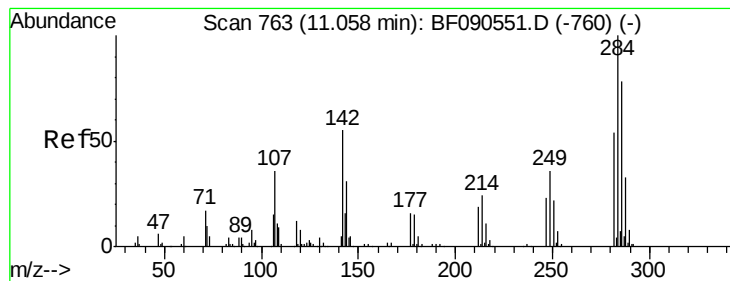
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	54.6	81.8
167	38.2	29.8	44.8



#66
4-Bromophenyl-phenylether
Concen: 38.14 ng
RT: 10.989 min Scan# 757
Delta R.T. -0.011 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.4	117.6
141	67.0	48.4	72.6





#67

Hexachlorobenzene

Concen: 42.06 ng

RT: 11.058 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

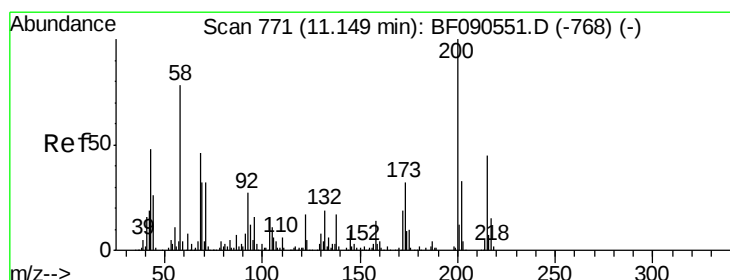
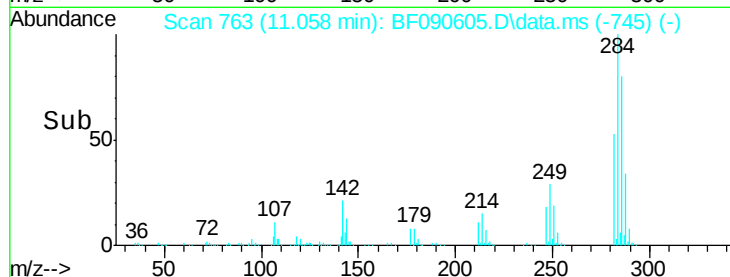
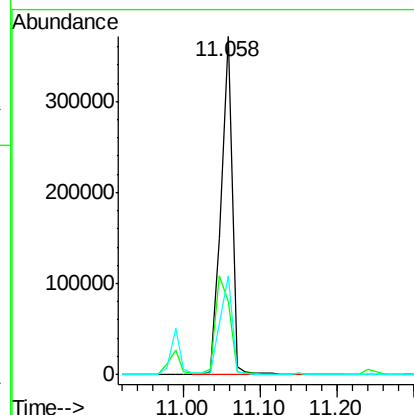
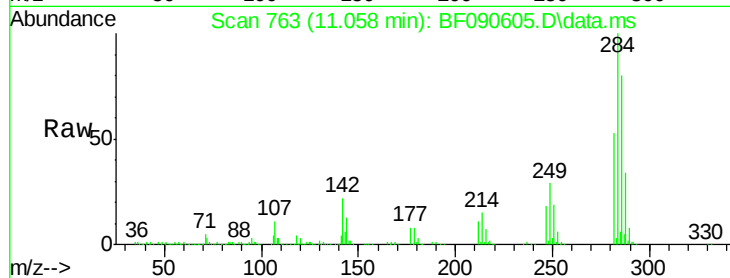
Tot Ion:284 Resp: 371743

Ion Ratio Lower Upper

284 100

142 21.5 44.5 66.7#

249 29.2 29.6 44.4#



#68

Atrazine

Concen: 41.68 ng

RT: 11.149 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

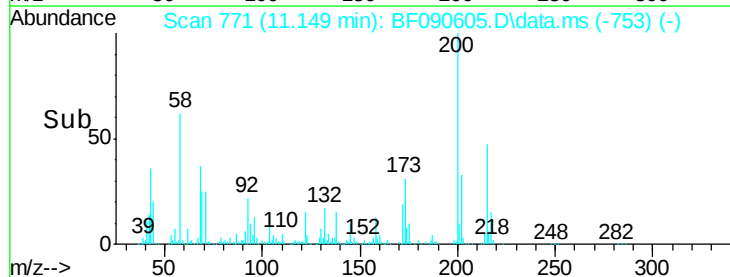
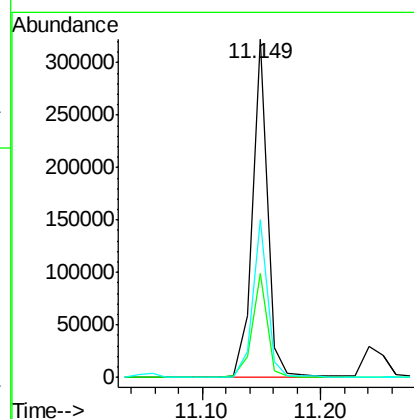
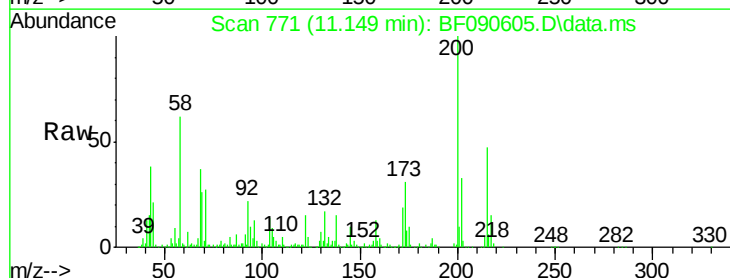
Tgt Ion:200 Resp: 288861

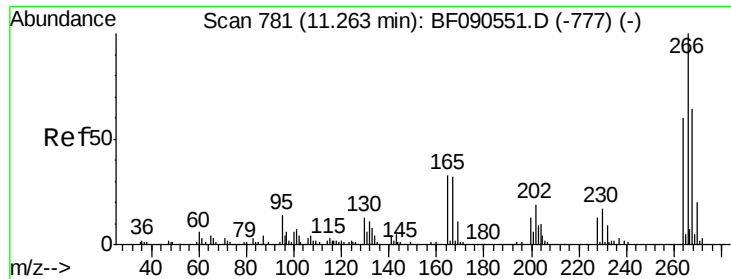
Ion Ratio Lower Upper

200 100

173 30.6 12.0 52.0

215 46.6 25.2 65.2

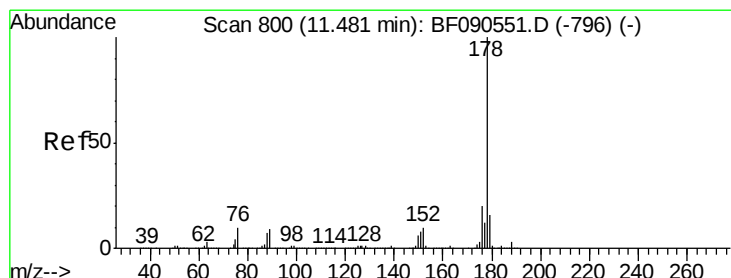
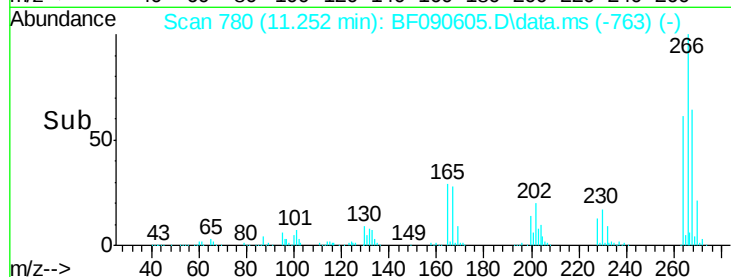
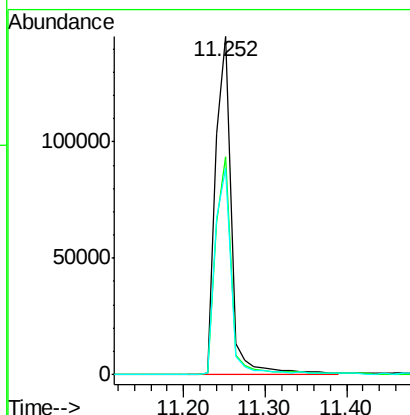
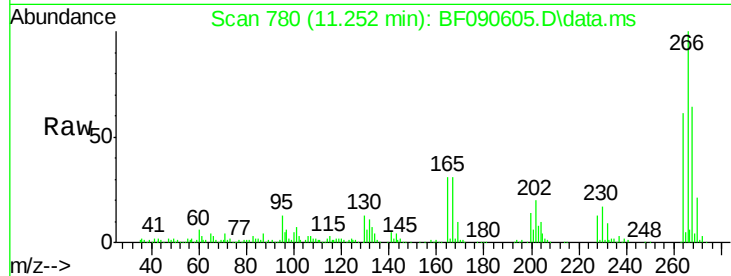




#69
 Pentachlorophenol
 Concen: 44.69 ng
 RT: 11.252 min Scan# 781
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

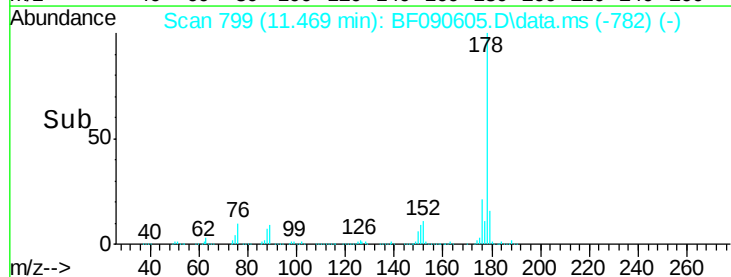
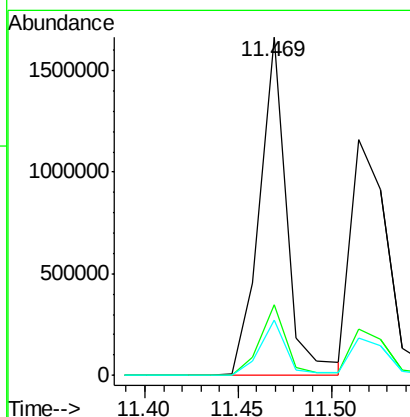
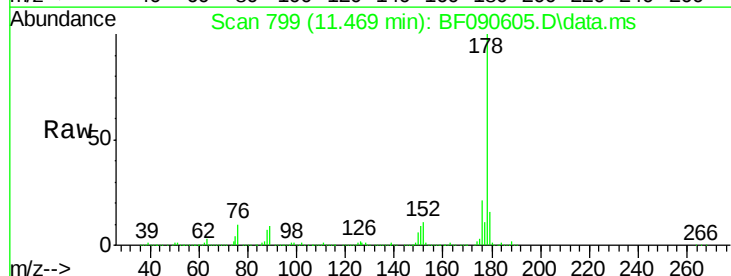
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

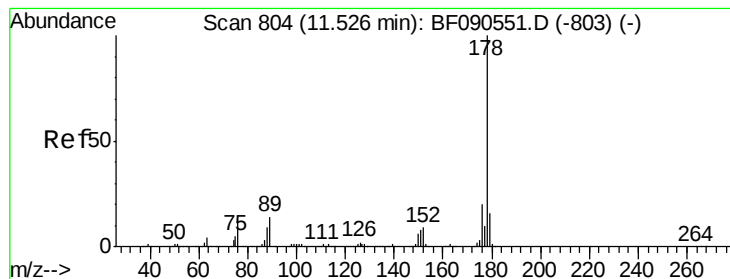
Tot Ion:266 Resp: 195739
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.5 77.3
 264 61.1 47.9 71.9



#70
 Phenanthrene
 Concen: 41.42 ng
 RT: 11.469 min Scan# 799
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion:178 Resp: 1677453
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.1 24.1
 179 16.3 12.6 19.0





#71

Anthracene

Concen: 37.95 ng

RT: 11.515 min Scan# 80

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

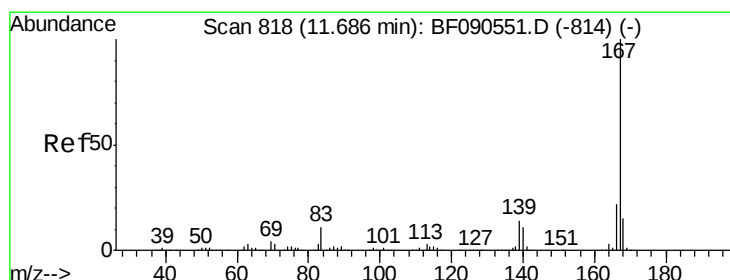
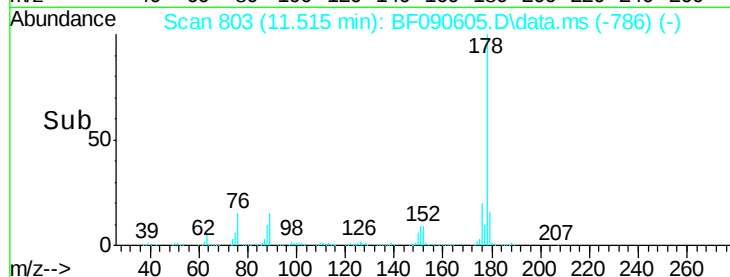
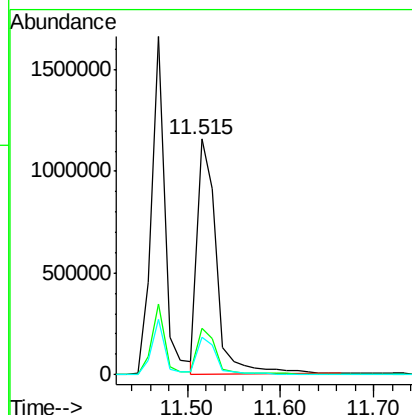
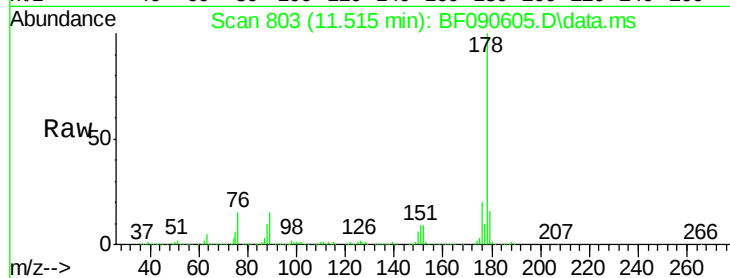
BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:178 Resp: 1654189

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.9	13.0	19.4



#72

Carbazole

Concen: 40.80 ng

RT: 11.675 min Scan# 817

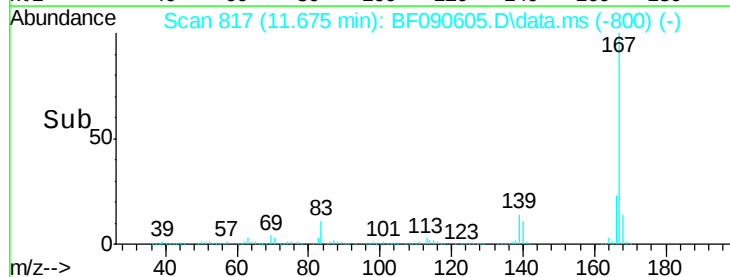
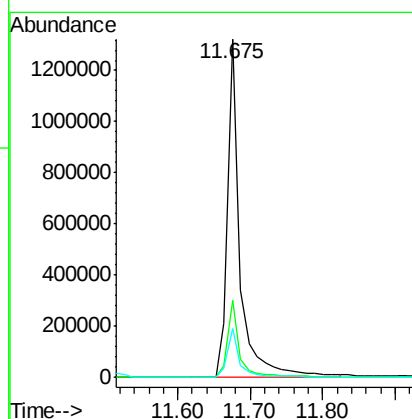
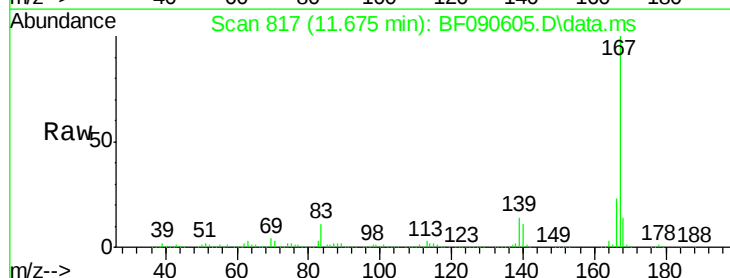
Delta R.T. -0.011 min

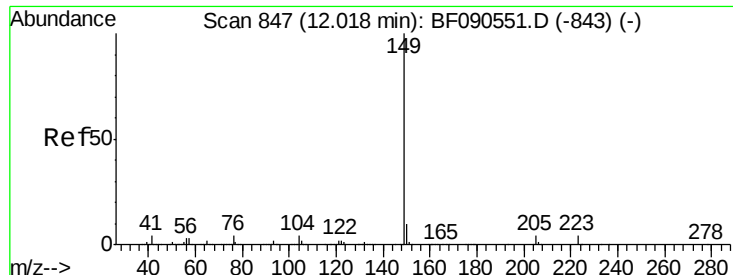
Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion:167 Resp: 1591655

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.8
139	14.3	11.3	16.9





#73

Di-n-butylphthalate

Concen: 44.68 ng

RT: 12.007 min Scan# 84

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

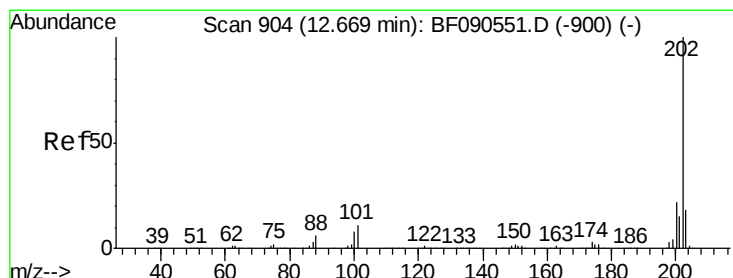
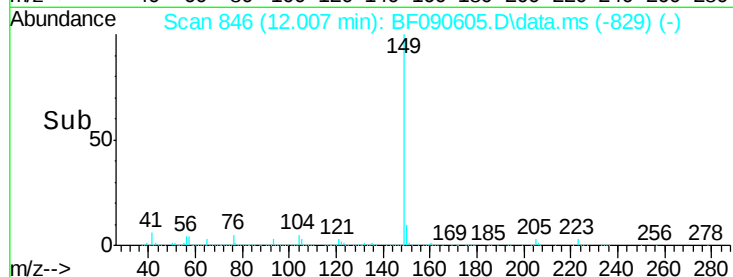
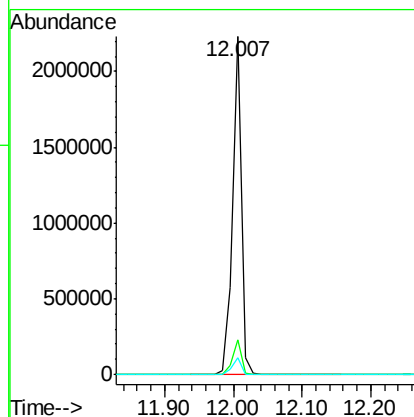
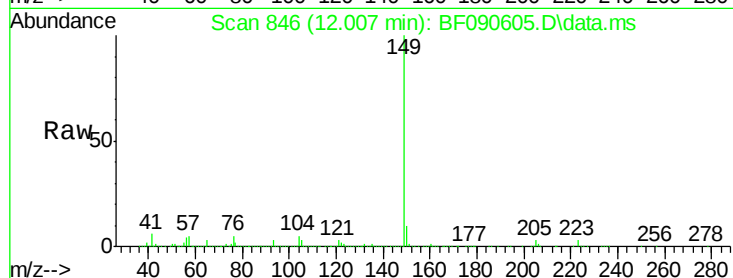
Tot Ion:149 Resp: 2042169

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

104 5.1 3.3 4.9#



#74

Fluoranthene

Concen: 42.18 ng

RT: 12.658 min Scan# 903

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

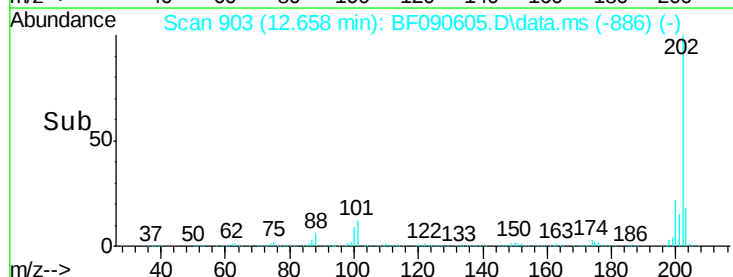
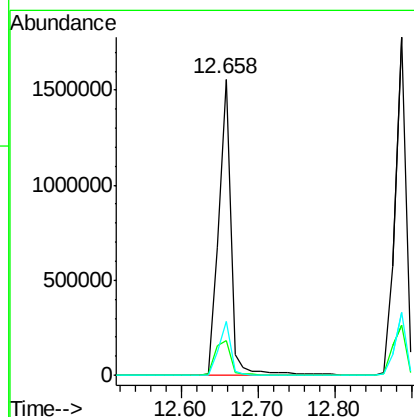
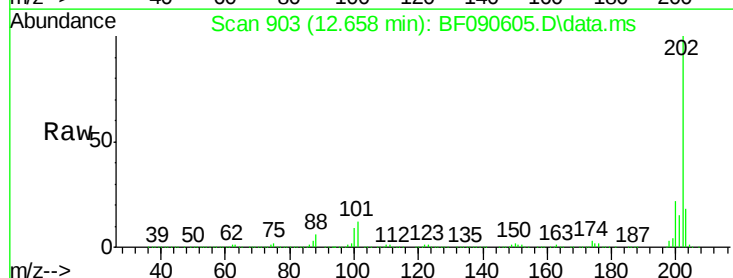
Tgt Ion:202 Resp: 1718185

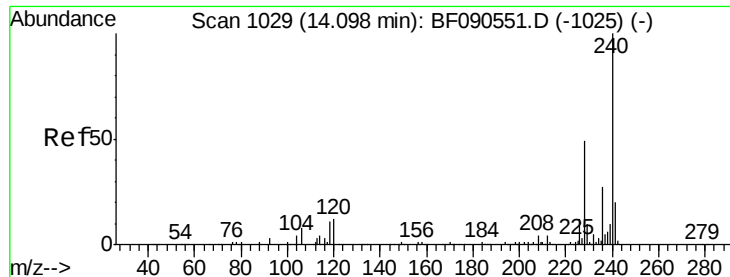
Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.1

203 18.1 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.087 min Scan# 10

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

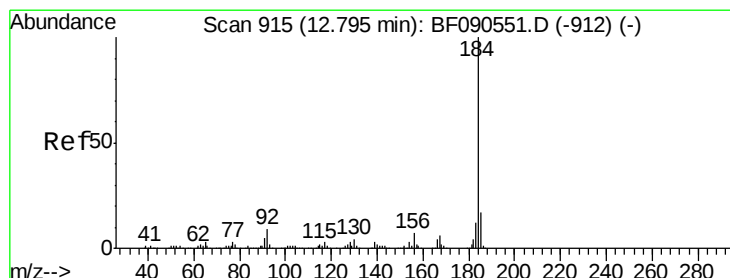
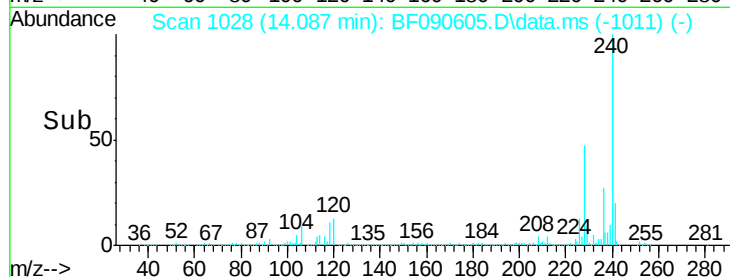
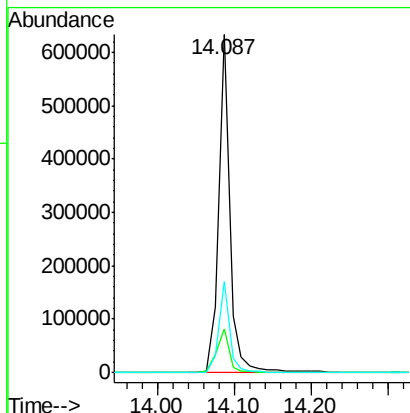
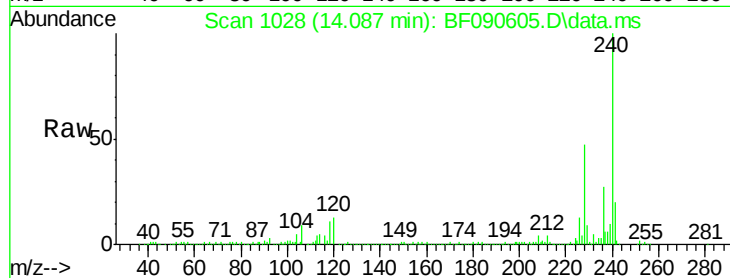
Tot Ion:240 Resp: 642374

Ion Ratio Lower Upper

240 100

120 12.8 9.8 14.8

236 27.0 21.7 32.5



#76

Benzidine

Concen: 32.25 ng

RT: 12.784 min Scan# 914

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

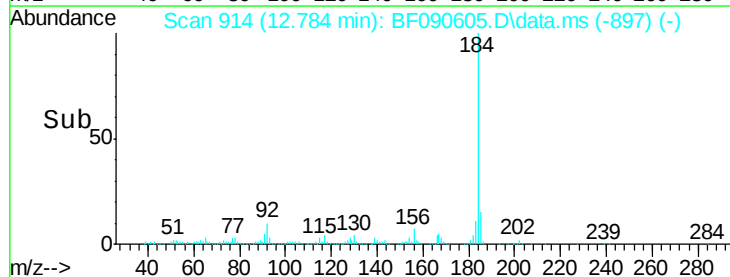
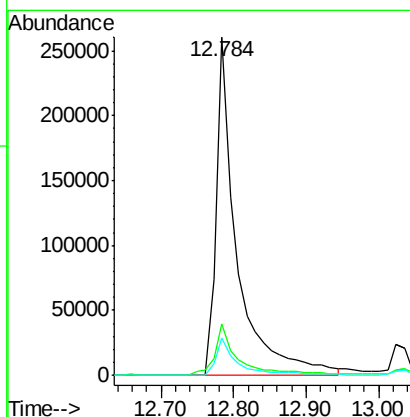
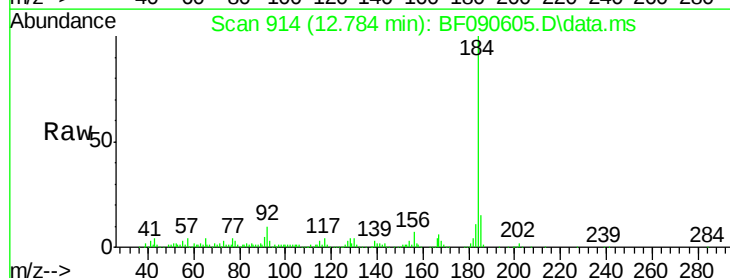
Tgt Ion:184 Resp: 515391

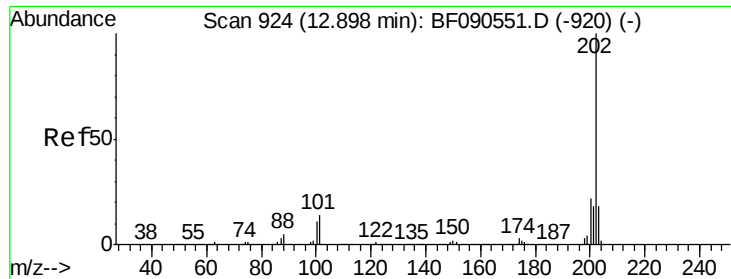
Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

183 10.9 9.4 14.0





#77

Pvrene

Concen: 41.61 ng

RT: 12.887 min Scan# 92

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

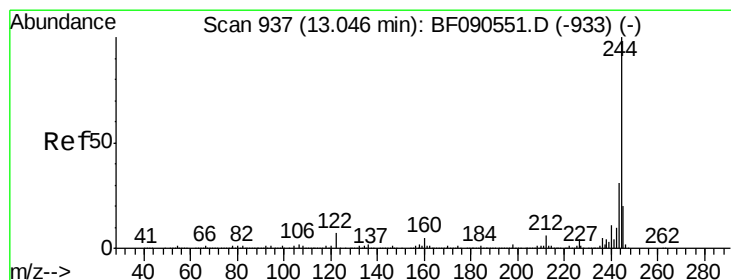
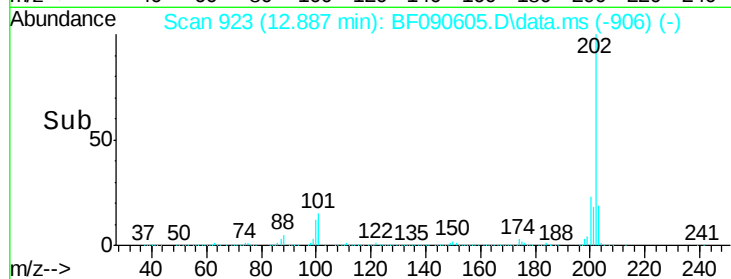
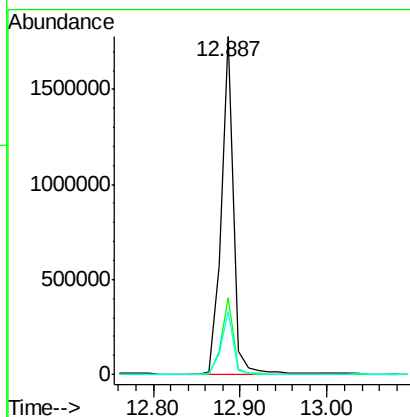
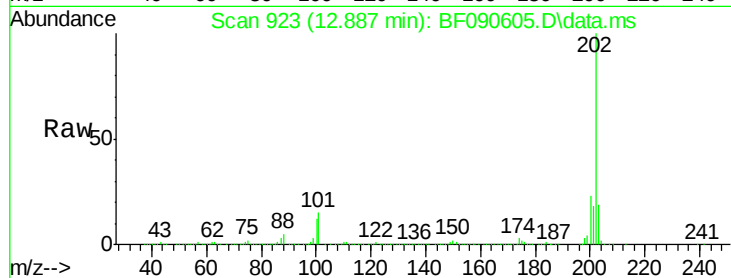
BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:202 Resp: 1770380

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.6
203	18.6	14.6	21.8



#78

Terphenyl-d14

Concen: 82.61 ng

RT: 13.035 min Scan# 936

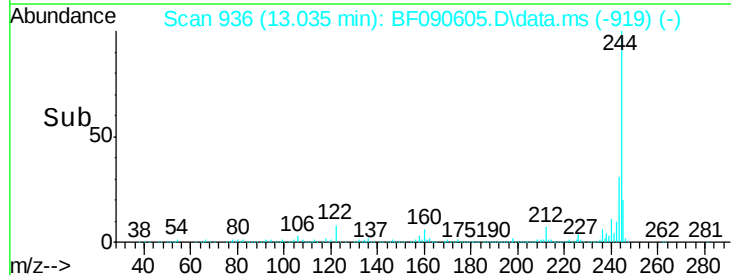
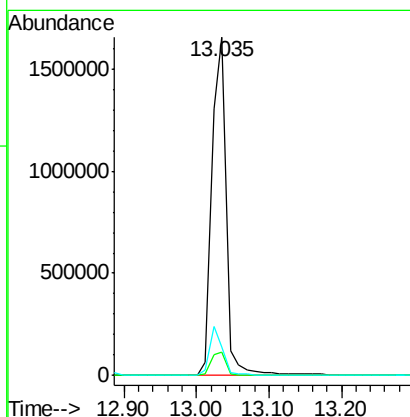
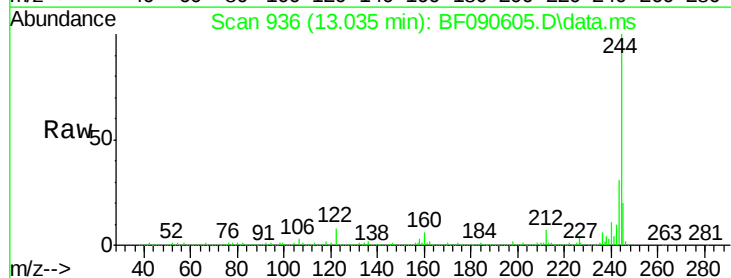
Delta R.T. -0.011 min

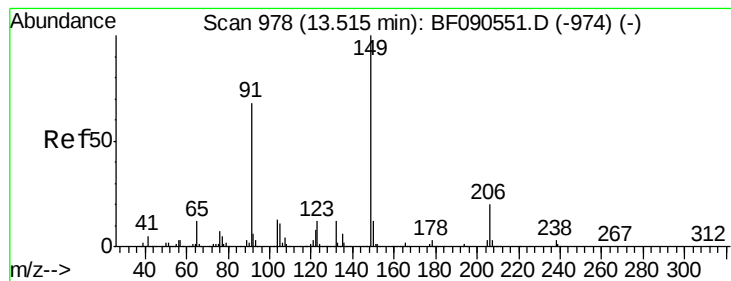
Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion:244 Resp: 2279085

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	8.4	5.6	8.4





#79

Butylbenzylphthalate

Concen: 44.32 ng

RT: 13.504 min Scan# 97

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

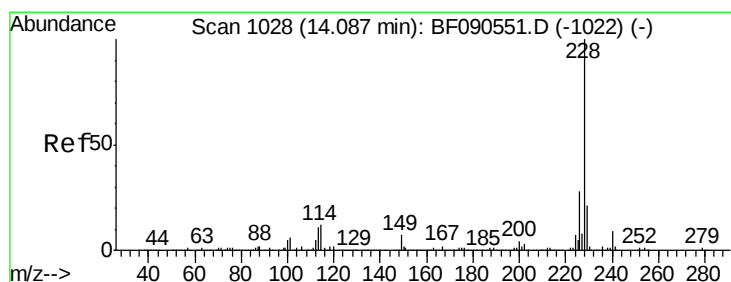
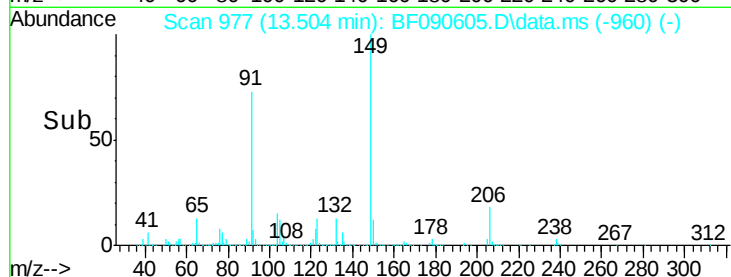
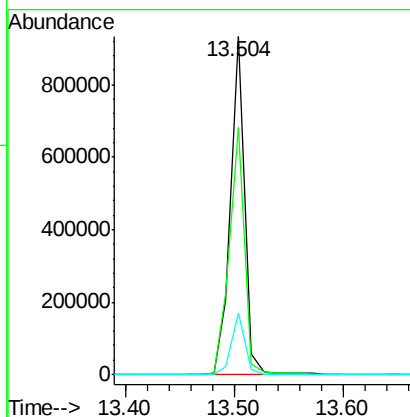
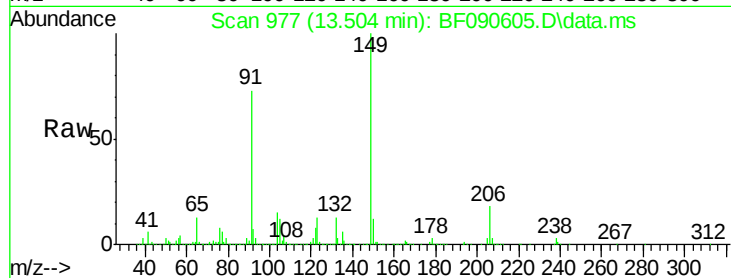
Tot Ion:149 Resp: 835485

Ion Ratio Lower Upper

149 100

91 73.3 54.3 81.5

206 18.4 15.8 23.6



#80

Benzo(a)anthracene

Concen: 39.99 ng

RT: 14.075 min Scan# 1027

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

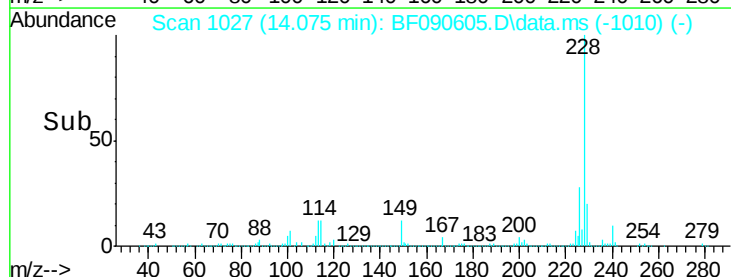
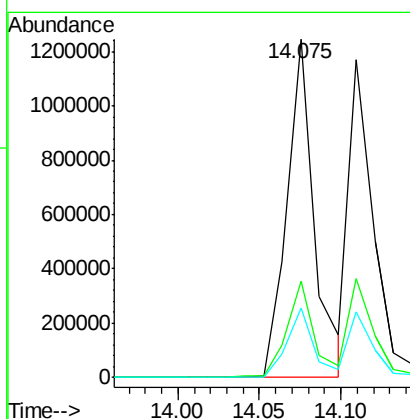
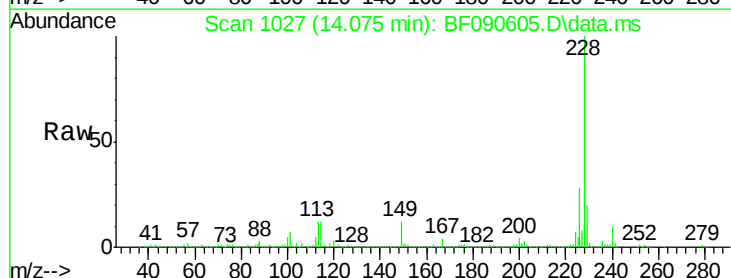
Tgt Ion:228 Resp: 1462316

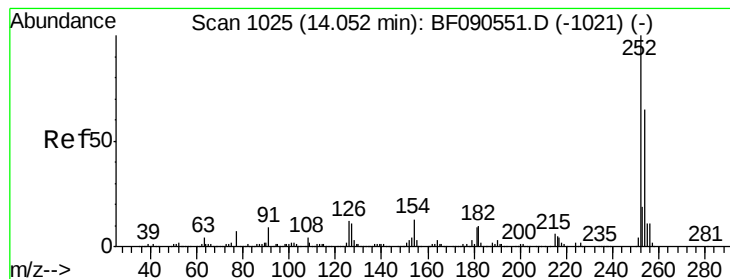
Ion Ratio Lower Upper

228 100

226 28.3 22.8 34.2

229 20.3 16.6 25.0

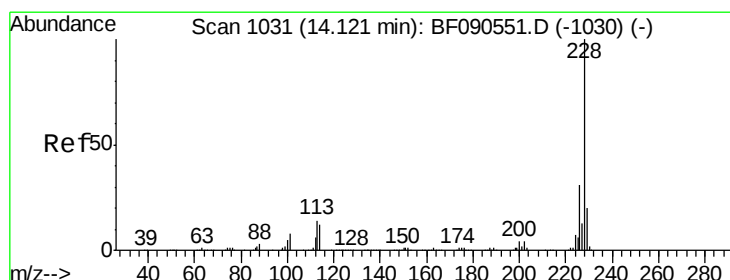
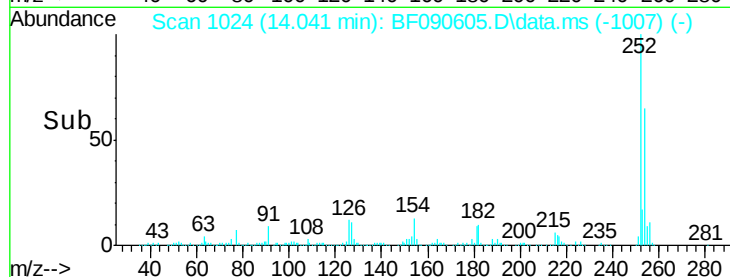
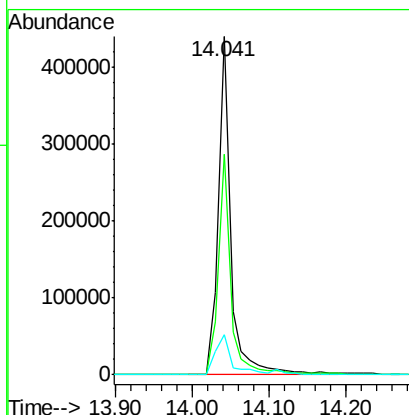
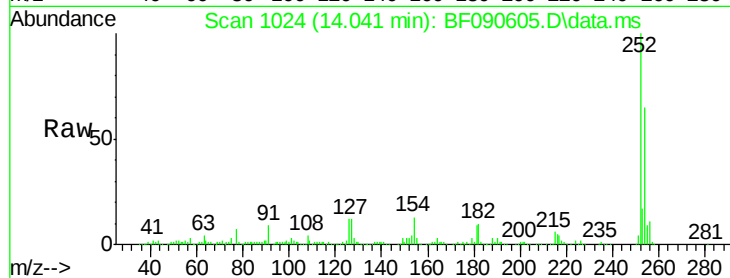




#81
 3,3'-Dichlorobenzidine
 Concen: 39.90 ng
 RT: 14.041 min Scan# 1025
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

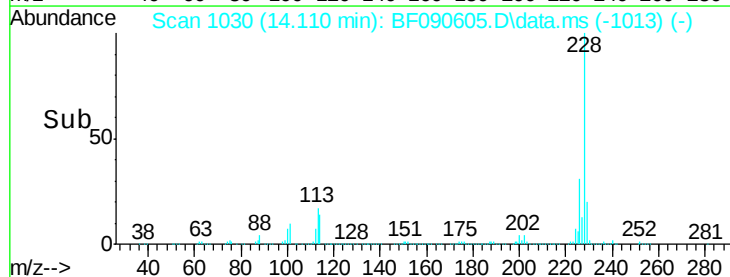
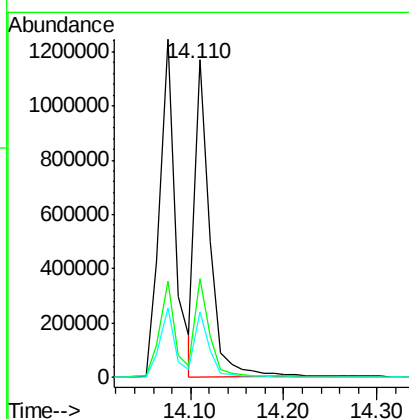
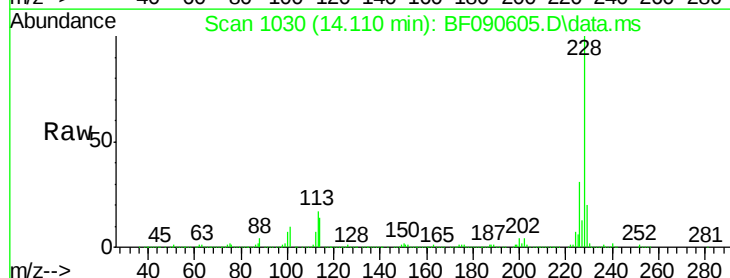
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

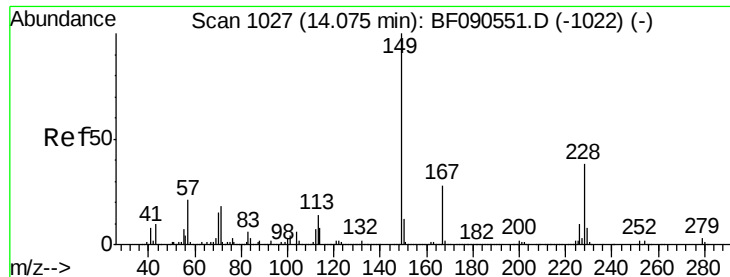
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	11.8	9.3	13.9



#82
 Chrysene
 Concen: 36.81 ng
 RT: 14.110 min Scan# 1030
 Delta R.T. -0.011 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	20.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.79 ng

RT: 14.064 min Scan# 1026

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

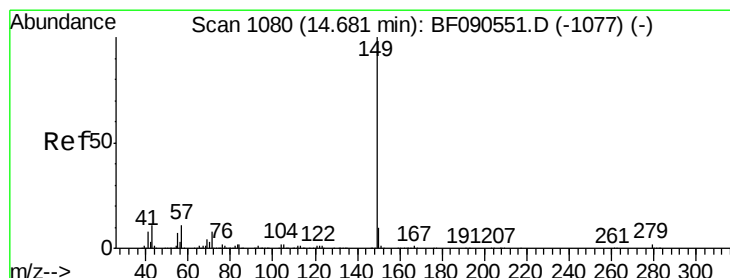
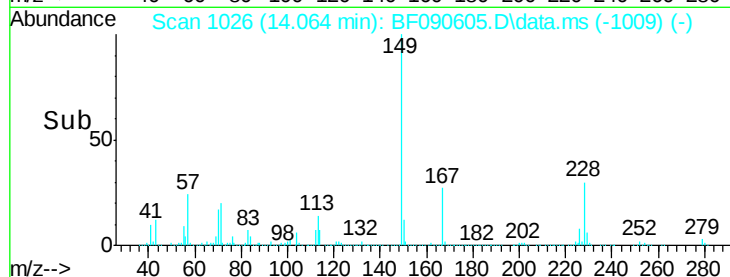
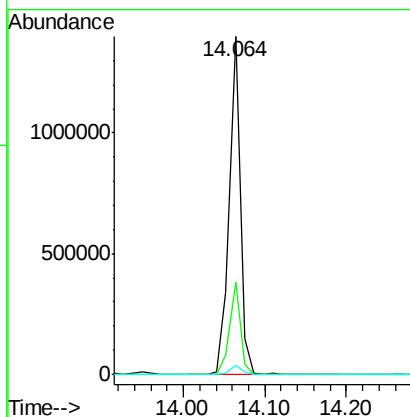
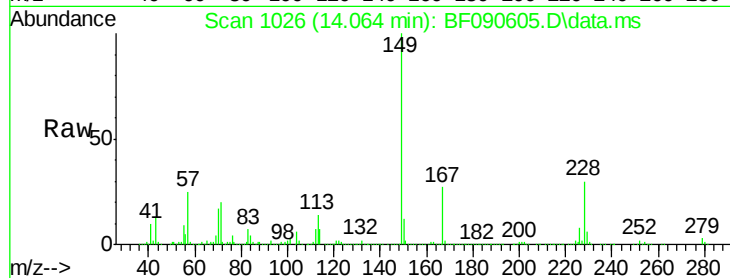
Tot Ion:149 Resp: 1316986

Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 2.8 2.6 4.0



#84

Di-n-octyl phthalate

Concen: 41.08 ng

RT: 14.681 min Scan# 1080

Delta R.T. 0.000 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

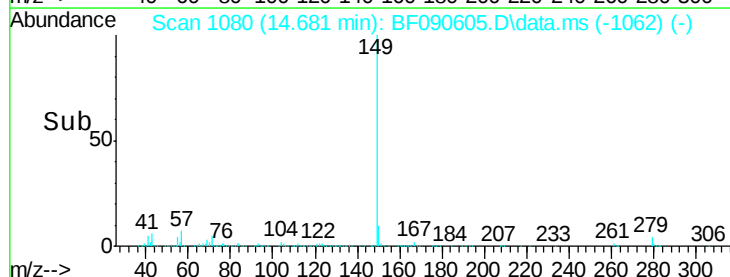
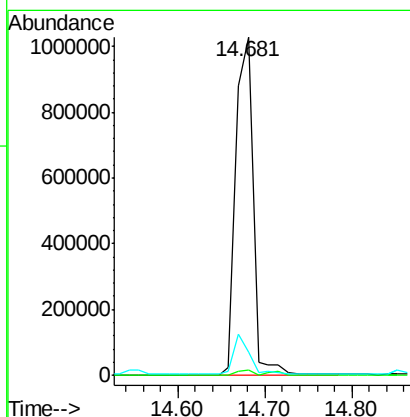
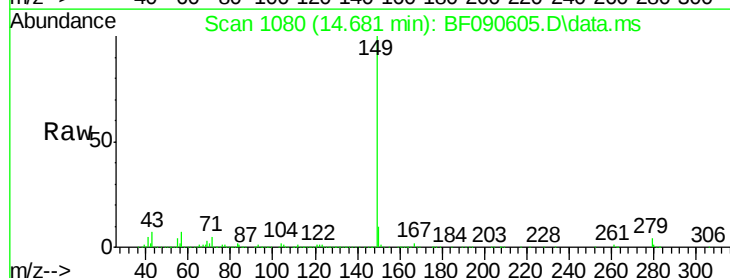
Tgt Ion:149 Resp: 1400775

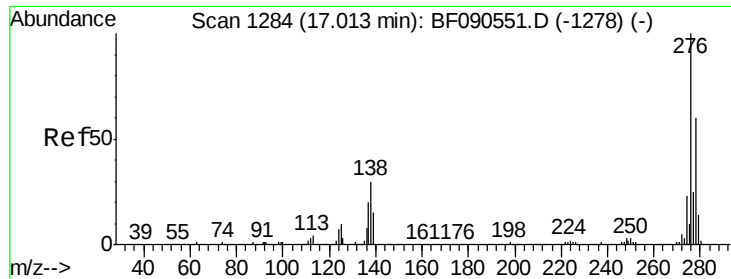
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.4 6.7 10.1#

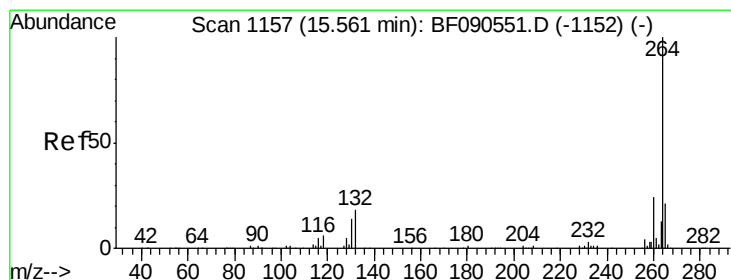
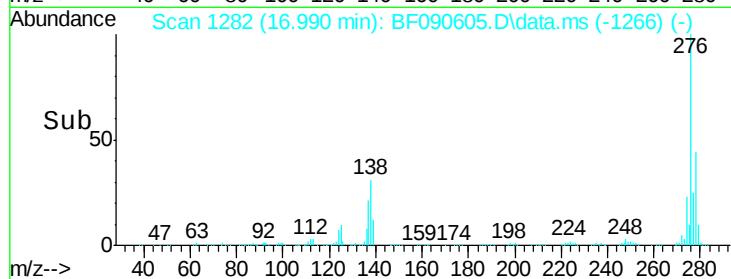
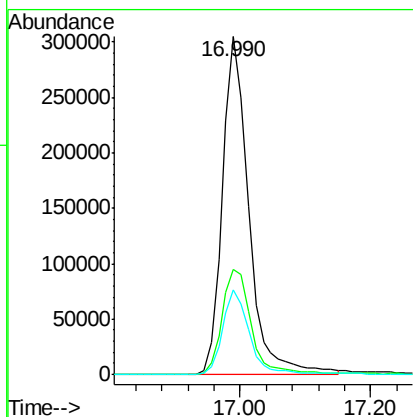
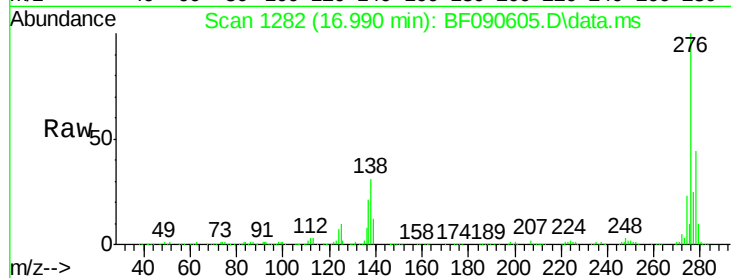




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.13 ng
RT: 16.990 min Scan# 127
Delta R.T. -0.023 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

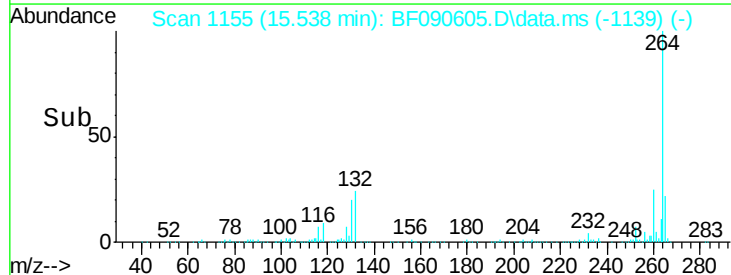
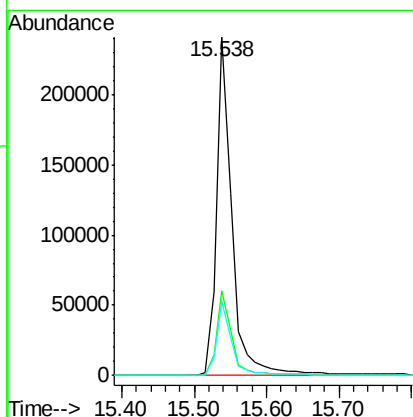
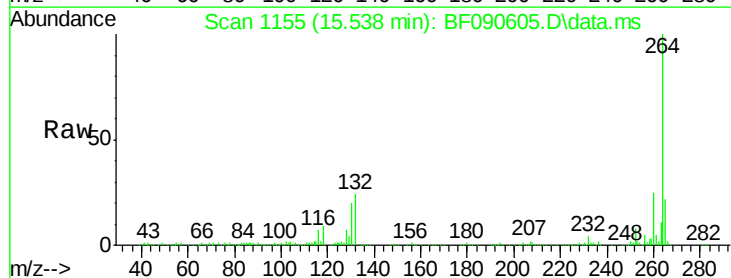
Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

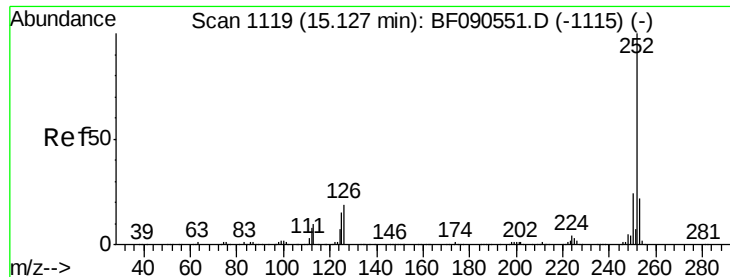
Tot Ion:276 Resp: 858356
Ion Ratio Lower Upper
276 100
138 34.3 25.8 38.6
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.538 min Scan# 1155
Delta R.T. -0.023 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion:264 Resp: 354689
Ion Ratio Lower Upper
264 100
260 25.0 19.3 28.9
265 21.9 16.7 25.1





#87

Benzo(b)fluoranthene

Concen: 83.83 ng

RT: 15.150 min Scan# 111

Delta R.T. 0.023 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

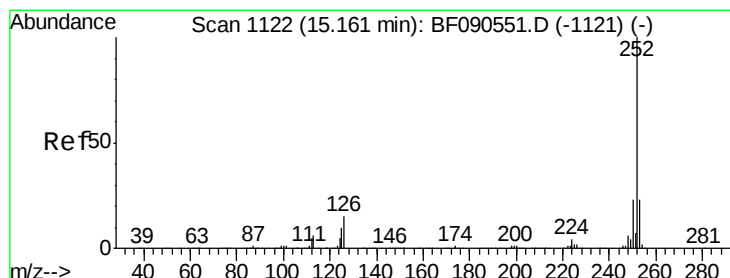
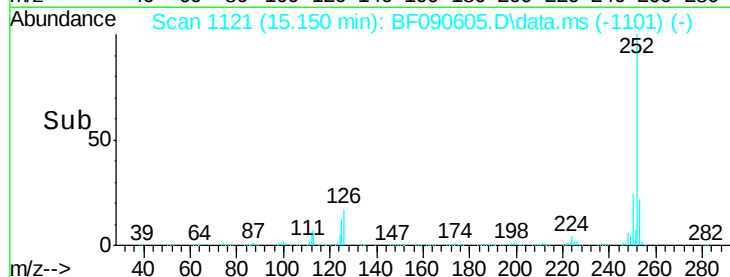
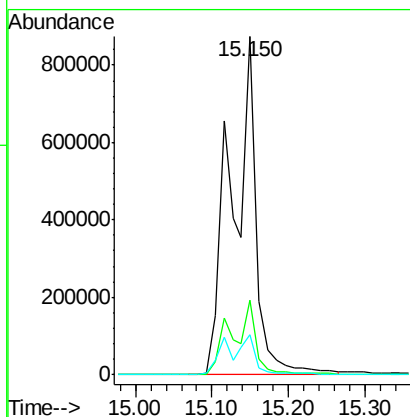
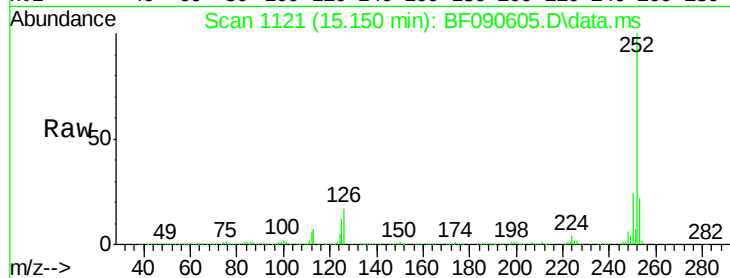
Tot Ion:252 Resp: 1945690

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.6 12.0 18.0#



#88

Benzo(k)fluoranthene

Concen: 78.42 ng

RT: 15.150 min Scan# 1121

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

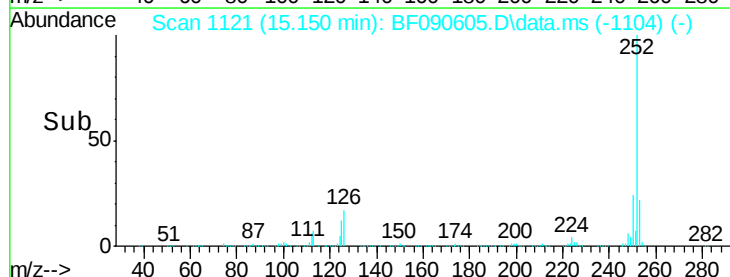
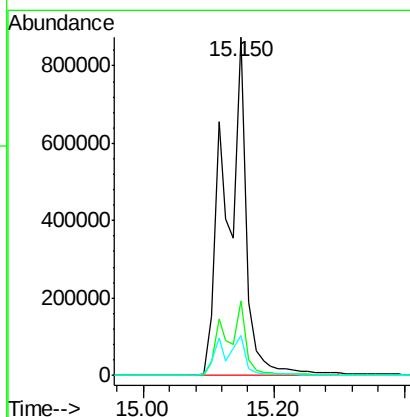
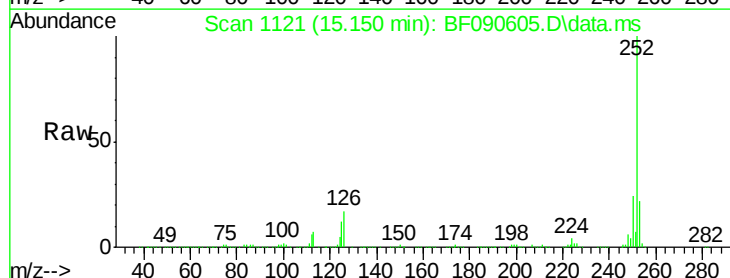
Tgt Ion:252 Resp: 1958333

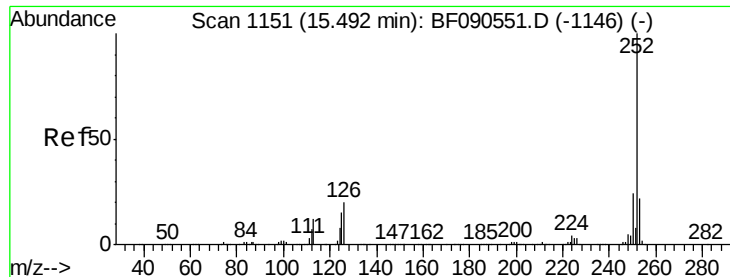
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 11.6 10.0 15.0





#89

Benzo(a)pyrene

Concen: 39.66 ng

RT: 15.481 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

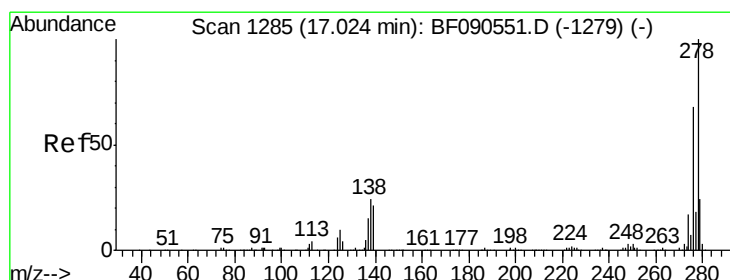
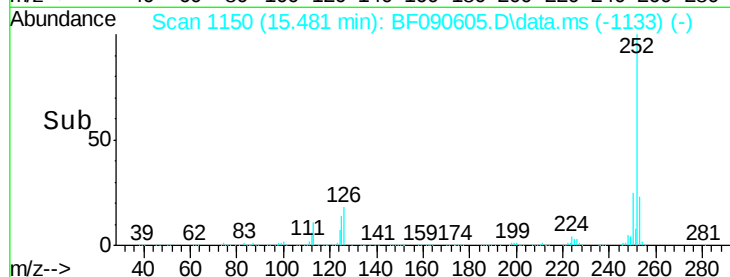
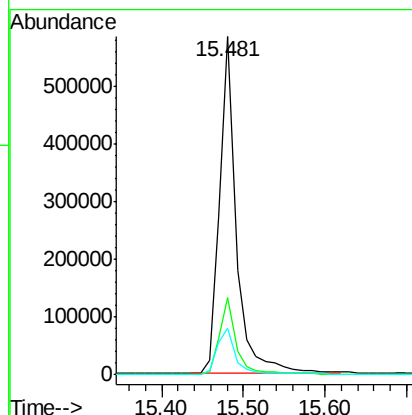
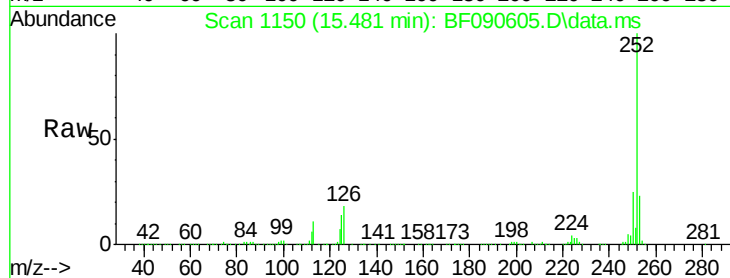
Tot Ion:252 Resp: 842688

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 13.8 12.3 18.5



#90

Dibenzo(a,h)anthracene

Concen: 46.55 ng

RT: 17.013 min Scan# 1284

Delta R.T. -0.011 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

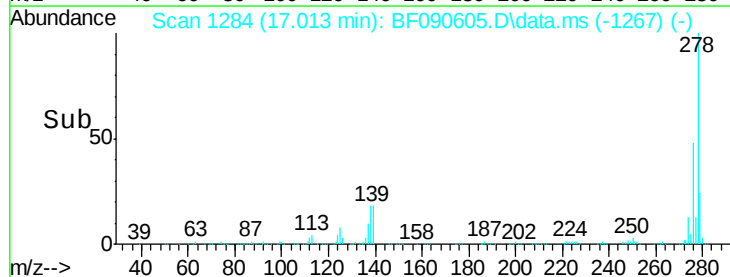
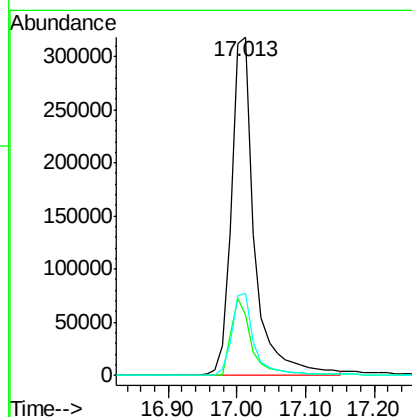
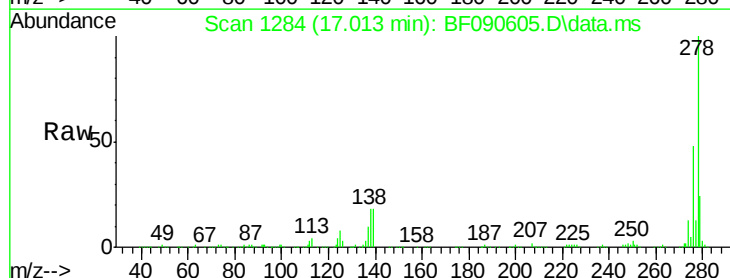
Tgt Ion:278 Resp: 754383

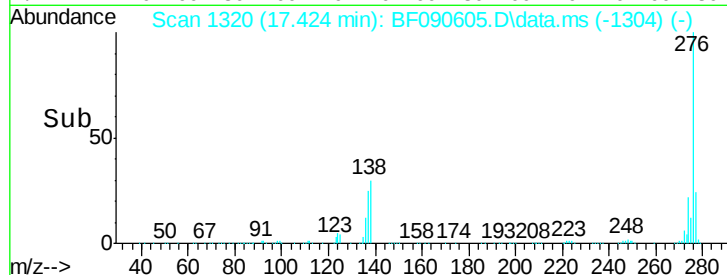
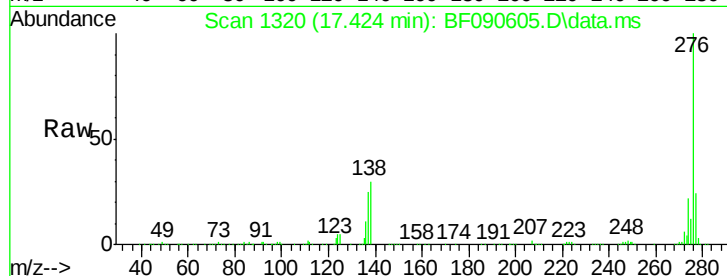
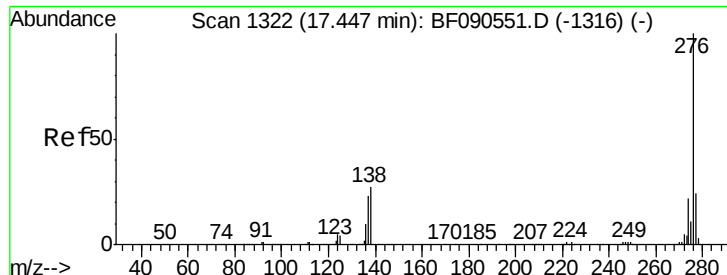
Ion Ratio Lower Upper

278 100

139 17.7 16.6 25.0

279 24.2 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 46.63 ng

RT: 17.424 min Scan# 13

Delta R.T. -0.023 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:276 Resp: 720501

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 29.8 21.8 32.8

