

Data Path : Z:\HPCHEM1\BNA F\Data\BF101716\
 Data File : BF090603.D
 Acq On : 17 Oct 2016 12:33
 Operator : UM/SJ
 Sample : PB94073BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Quant Time: Oct 17 15:48:53 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	210995	20.00	ng	-0.01
21) Naphthalene-d8	8.200	136	913402	20.00	ng	-0.01
38) Acenaphthene-d10	9.949	164	472017	20.00	ng	-0.02
63) Phenanthrene-d10	11.446	188	808541	20.00	ng	-0.01
75) Chrysene-d12	14.087	240	790811	20.00	ng	-0.01
86) Perylene-d12	15.538	264	590145	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	1478948	128.50	ng	0.00
7) Phenol-d6	6.543	99	1809690	105.82	ng	-0.01
23) Nitrobenzene-d5	7.469	82	1235271	75.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.749	330	519137	123.36	ng	-0.01
44) 2-Fluorobiphenyl	9.275	172	1995838	69.67	ng	-0.01
78) Terphenyl-d14	13.024	244	2226223	65.55	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.611	88	196803	30.00	ng	95
3) Pyridine	3.354	79	481335	32.74	ng	95
4) n-Nitrosodimethylamine	3.308	42	172738	35.09	ng	85
6) Aniline	6.566	93	419496	20.30	ng	# 66
8) 2-Chlorophenol	6.692	128	543352	36.41	ng	95
9) Benzaldehyde	6.452	77	54410	5.00	ng	93
10) Phenol	6.554	94	646208	33.04	ng	97
11) bis(2-Chloroethyl)ether	6.646	93	579210	35.89	ng	96
12) 1,3-Dichlorobenzene	6.852	146	514627	34.58	ng	96
13) 1,4-Dichlorobenzene	6.920	146	535653	33.09	ng	93
14) 1,2-Dichlorobenzene	7.080	146	562994	37.20	ng	98
15) Benzyl Alcohol	7.046	79	441189	37.87	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.183	45	807111	35.54	ng	94
17) 2-Methylphenol	7.172	107	436054	37.49	ng	96
18) Hexachloroethane	7.423	117	227465	35.56	ng	93
19) n-Nitroso-di-n-propyla...	7.320	70	417688	35.62	ng	95
20) 3+4-Methylphenols	7.320	107	543469	38.54	ng	# 86
22) Acetophenone	7.320	105	733749	36.36	ng	94
24) Nitrobenzene	7.492	77	606078	35.92	ng	92
25) Isophorone	7.732	82	1147201	38.33	ng	97
26) 2-Nitrophenol	7.812	139	284793	37.20	ng	# 88
27) 2,4-Dimethylphenol	7.846	122	444391	34.98	ng	95
28) bis(2-Chloroethoxy)met...	7.949	93	670813	37.96	ng	98
29) 2,4-Dichlorophenol	8.052	162	406741	36.55	ng	93
30) 1,2,4-Trichlorobenzene	8.132	180	432694	33.20	ng	95
31) Naphthalene	8.212	128	1555593	33.43	ng	99
32) Benzoic acid	7.972	122	211135	27.06	ng	97
33) 4-Chloroaniline	8.269	127	196406	11.04	ng	97
34) Hexachlorobutadiene	8.338	225	255837	35.13	ng	99
35) Caprolactam	8.680	113	53881	17.35	ng	99
36) 4-Chloro-3-methylphenol	8.749	107	465396	36.25	ng	94
37) 2-Methylnaphthalene	8.909	142	968968	35.46	ng	99
39) 1,2,4,5-Tetrachloroben...	9.080	216	455785	36.42	ng	99
40) Hexachlorocyclopentadiene	9.069	237	501673	82.06	ng	100

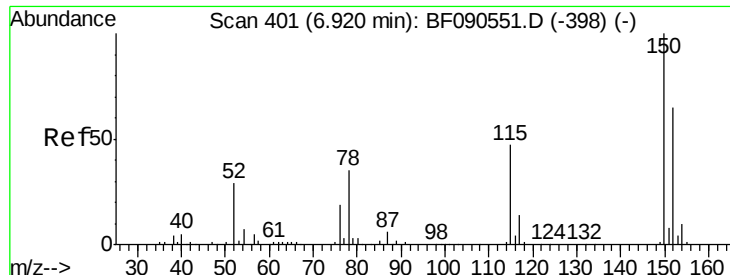
Data Path : Z:\HPCHEM1\BNA F\Data\BF101716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.195	196	268367	38.02	nq	99
43) 2,4,5-Trichlorophenol	9.229	196	301903	35.85	nq	95
45) 1,1'-Biphenyl	9.378	154	1264605	35.21	nq	98
46) 2-Chloronaphthalene	9.400	162	980017	36.59	nq	97
47) 2-Nitroaniline	9.492	65	332767	34.27	nq	# 81
48) Acenaphthylene	9.812	152	1409408	33.05	nq	100
49) Dimethylphthalate	9.675	163	1043547	34.07	nq	100
50) 2,6-Dinitrotoluene	9.743	165	240793	35.93	nq	# 85
51) Acenaphthene	9.983	154	1001021	35.31	nq	100
52) 3-Nitroaniline	9.915	138	134980	16.05	nq	92
53) 2,4-Dinitrophenol	10.018	184	215464	60.70	nq	# 65
54) Dibenzofuran	10.166	168	1326994	35.59	nq	98
55) 4-Nitrophenol	10.075	139	388951	76.86	nq	98
56) 2,4-Dinitrotoluene	10.143	165	356934	39.21	nq	98
57) Fluorene	10.509	166	1078196	35.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.281	232	266407	37.98	nq	95
59) Diethylphthalate	10.383	149	1170601	37.69	nq	# 94
60) 4-Chlorophenyl-phenyle...	10.498	204	536075	36.97	nq	96
61) 4-Nitroaniline	10.532	138	273702	32.46	nq	95
62) Azobenzene	10.658	77	1392205	38.75	nq	98
64) 4,6-Dinitro-2-methylph...	10.555	198	156727	32.03	nq	91
65) n-Nitrosodiphenylamine	10.612	169	911570	34.13	nq	100
66) 4-Bromophenyl-phenylether	10.989	248	299203	34.49	nq	98
67) Hexachlorobenzene	11.058	284	320110	33.98	nq	# 60
68) Atrazine	11.138	200	267377	36.20	nq	100
69) Pentachlorophenol	11.252	266	368490	78.93	nq	96
70) Phenanthrene	11.469	178	1554523	36.02	nq	99
71) Anthracene	11.515	178	1624715	34.98	nq	100
72) Carbazole	11.675	167	1509762	36.31	nq	100
73) Di-n-butylphthalate	12.006	149	1883075	38.66	nq	100
74) Fluoranthene	12.658	202	1678444	38.66	nq	99
76) Benzidine	12.784	184	450198	22.88	nq	96
77) Pyrene	12.887	202	1715843	32.76	nq	100
79) Butylbenzylphthalate	13.504	149	840003	36.20	nq	99
80) Benzo(a)anthracene	14.075	228	1515041	33.65	nq	99
81) 3,3'-Dichlorobenzidine	14.041	252	296434	19.27	nq	# 98
82) Chrysene	14.110	228	1364351	31.45	nq	100
83) Bis(2-ethylhexyl)phtha...	14.064	149	990892	31.65	nq	98
84) Di-n-octyl phthalate	14.681	149	1643659	39.16	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.990	276	1115124	44.46	nq	95
87) Benzo(b)fluoranthene	15.115	252	1480912	38.35	nq	97
88) Benzo(k)fluoranthene	15.115	252	1480912	35.64	nq	100
89) Benzo(a)pyrene	15.481	252	1250018	35.36	nq	# 96
90) Dibenzo(a,h)anthracene	17.013	278	957855	35.53	nq	# 94
91) Benzo(g,h,i)perylene	17.424	276	884139	34.39	nq	96

(#) = 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: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

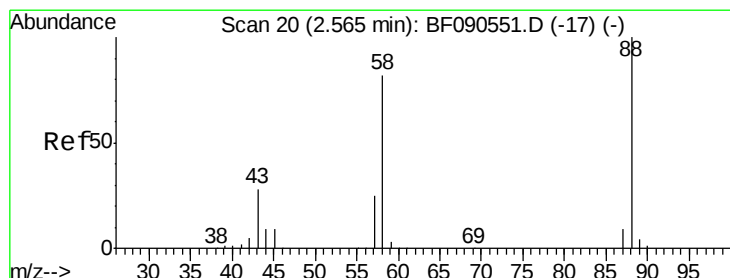
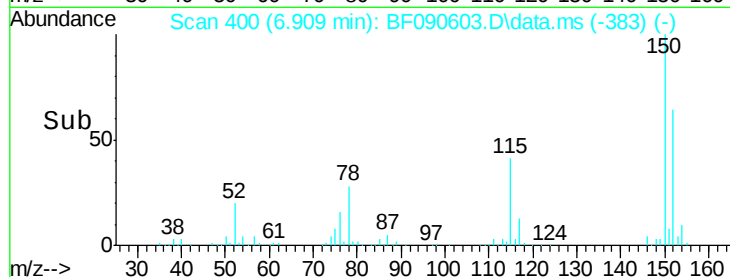
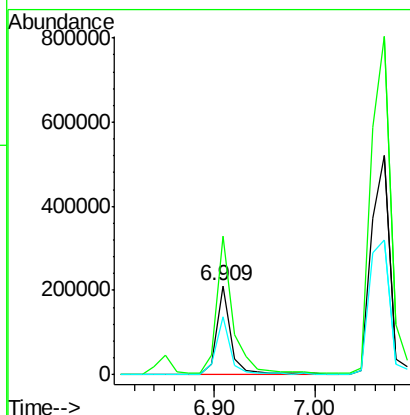
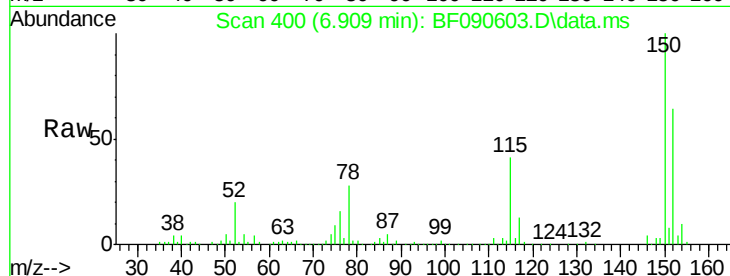
Tot Ion:152 Resp: 210995

Ion Ratio Lower Upper

152 100

150 156.3 127.2 190.8

115 64.7 58.6 88.0



#2

1,4-Dioxane

Concen: 30.00 ng

RT: 2.611 min Scan# 24

Delta R.T. 0.046 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

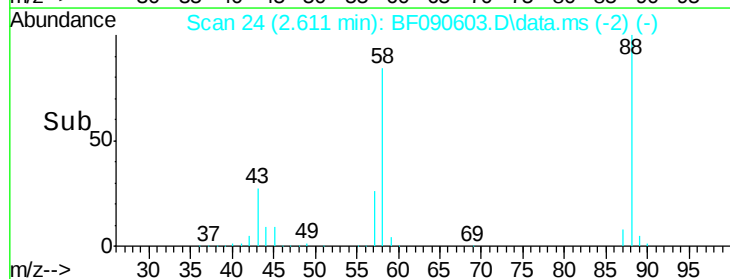
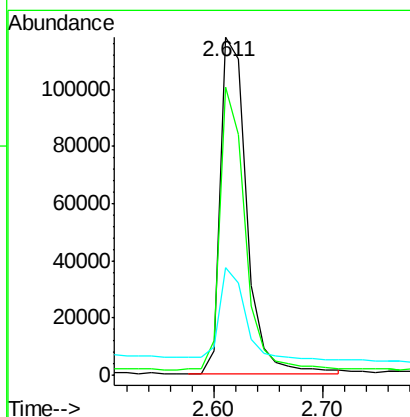
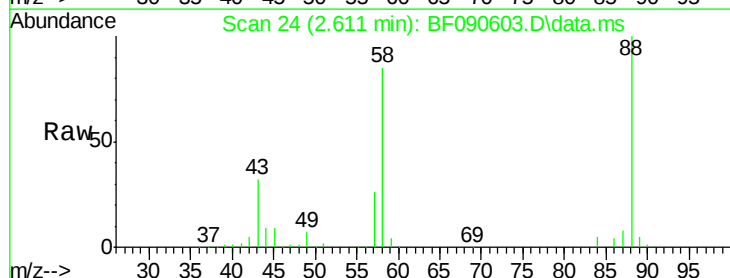
Tgt Ion: 88 Resp: 196803

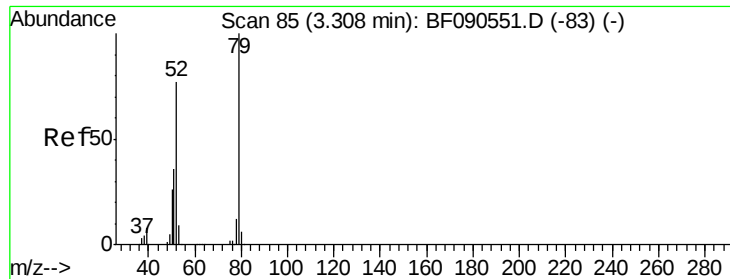
Ion Ratio Lower Upper

88 100

58 79.6 67.2 100.8

43 26.5 24.1 36.1





#3

Pvrirdine

Concen: 32.74 ng

RT: 3.354 min Scan# 89

Delta R.T. 0.046 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

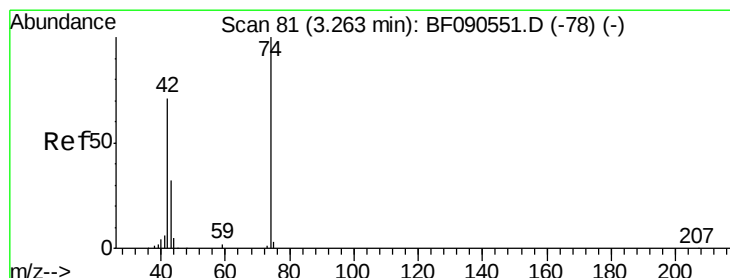
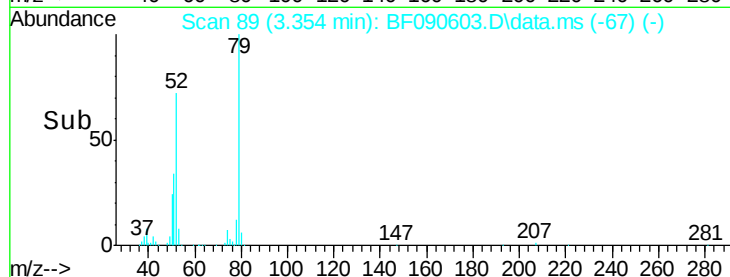
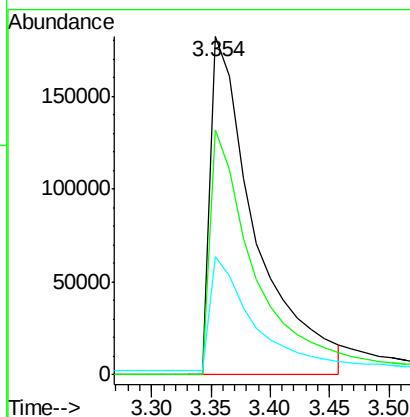
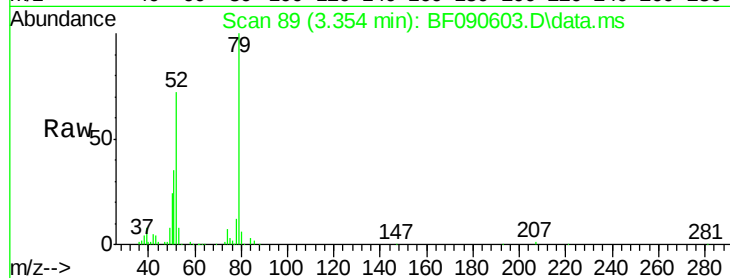
Tot Ion: 79 Resp: 481335

Ion Ratio Lower Upper

79 100

52 72.3 61.8 92.8

51 34.8 29.2 43.8



#4

n-Nitrosodimethylamine

Concen: 35.09 ng

RT: 3.308 min Scan# 85

Delta R.T. 0.046 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

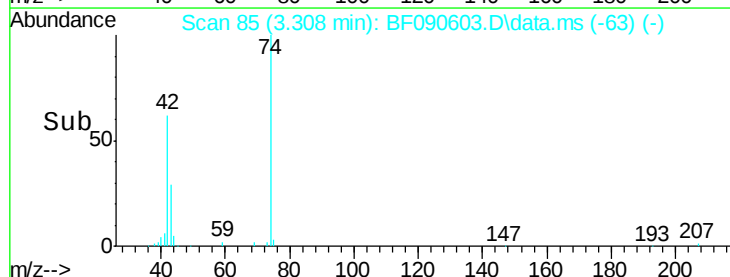
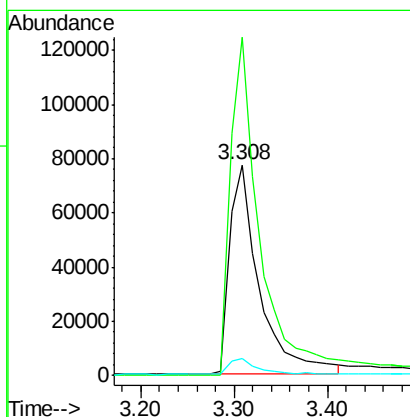
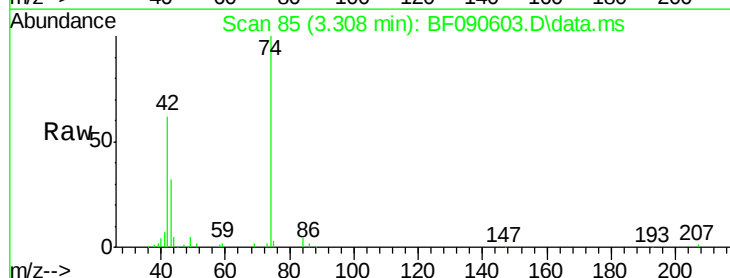
Tgt Ion: 42 Resp: 172738

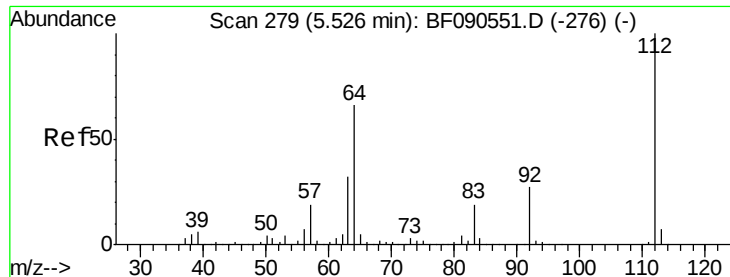
Ion Ratio Lower Upper

42 100

74 160.7 113.3 169.9

44 8.0 6.0 9.0





#5

2-Fluorophenol

Concen: 128.50 ng

RT: 5.526 min Scan# 27

Delta R.T. 0.001 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

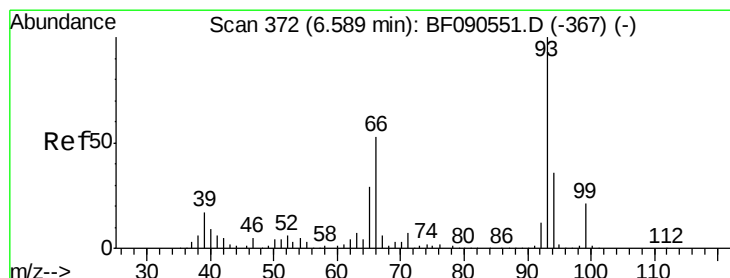
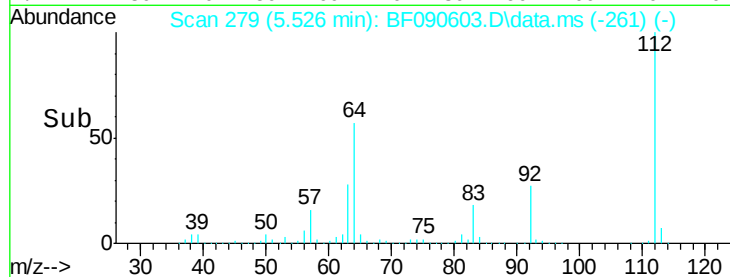
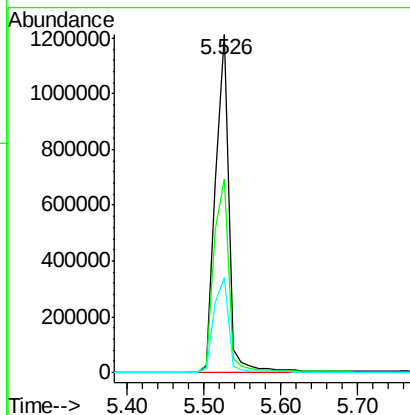
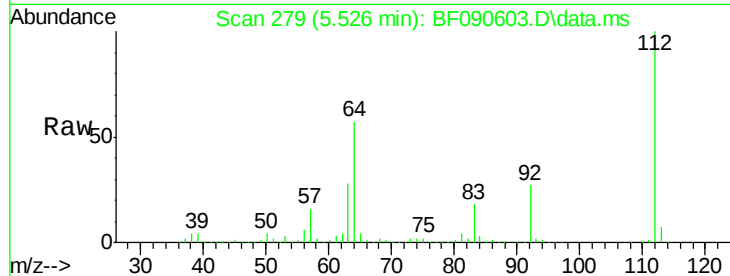
Tot Ion:112 Resp: 1478948

Ion Ratio Lower Upper

112 100

64 57.2 52.6 78.8

63 27.9 26.0 39.0



#6

Aniline

Concen: 20.30 ng

RT: 6.566 min Scan# 370

Delta R.T. -0.022 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

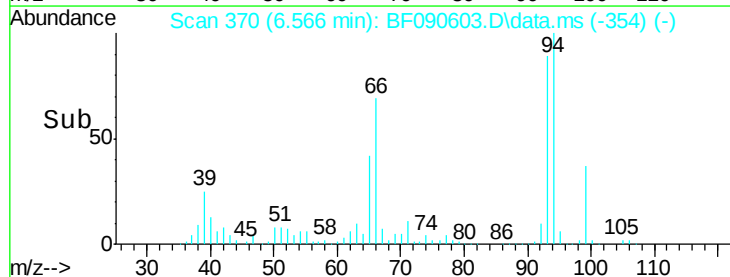
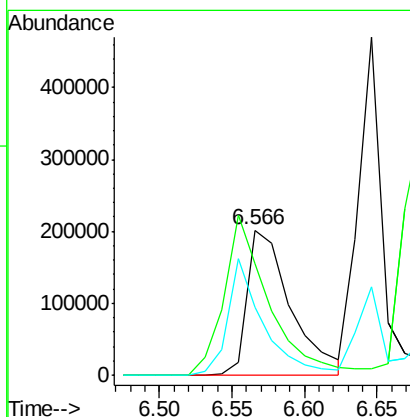
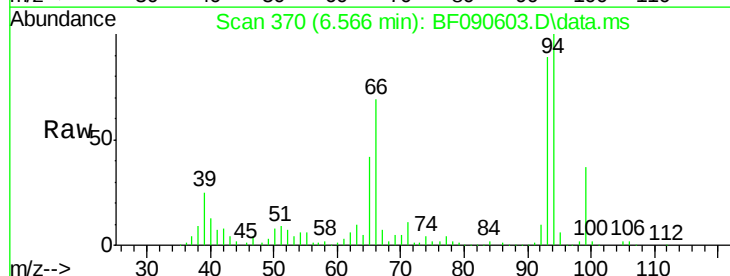
Tgt Ion: 93 Resp: 419496

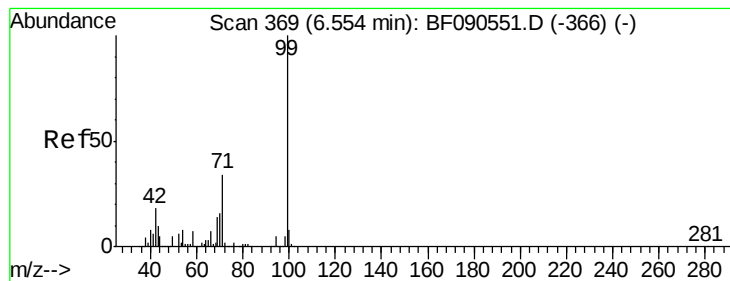
Ion Ratio Lower Upper

93 100

66 77.2 42.2 63.2#

65 46.6 22.9 34.3#





#7

Phenol-d6

Concen: 105.82 ng

RT: 6.543 min Scan# 369

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

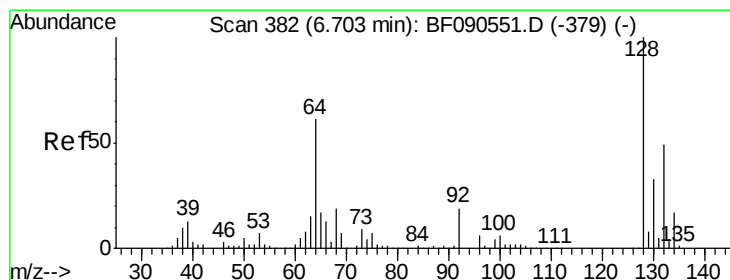
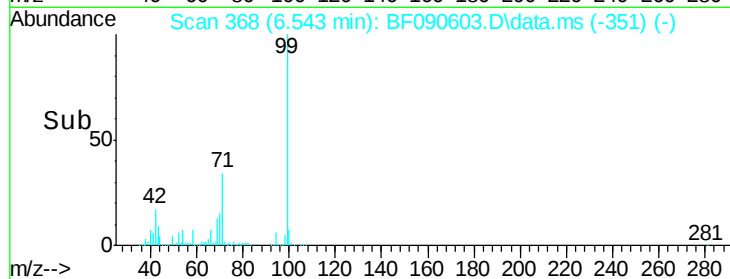
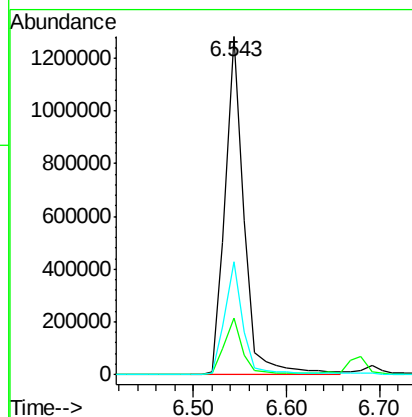
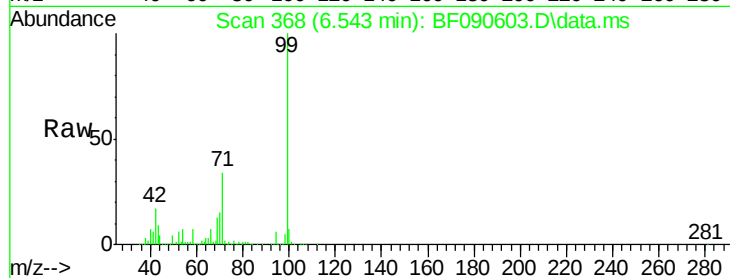
Tot Ion: 99 Resp: 1809690

Ion Ratio Lower Upper

99 100

42 16.7 14.7 22.1

71 33.5 27.6 41.4



#8

2-Chlorophenol

Concen: 36.41 ng

RT: 6.692 min Scan# 381

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

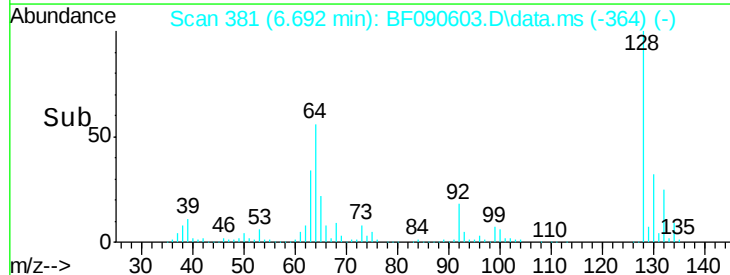
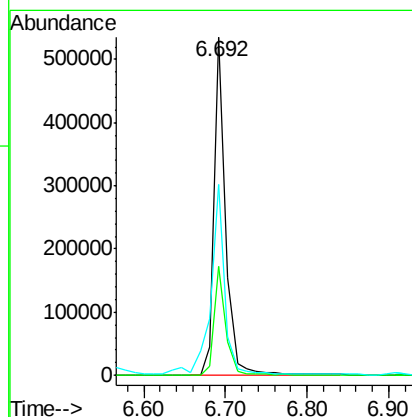
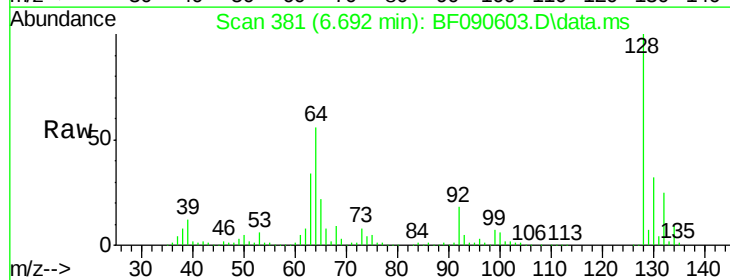
Tgt Ion: 128 Resp: 543352

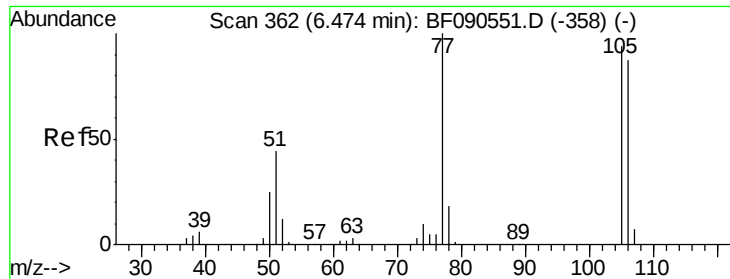
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 56.4 42.6 82.6





#9

Benzaldehyde

Concen: 5.00 ng

RT: 6.452 min Scan# 36

Delta R.T. -0.023 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

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ClientSampleId :

PB94073BS

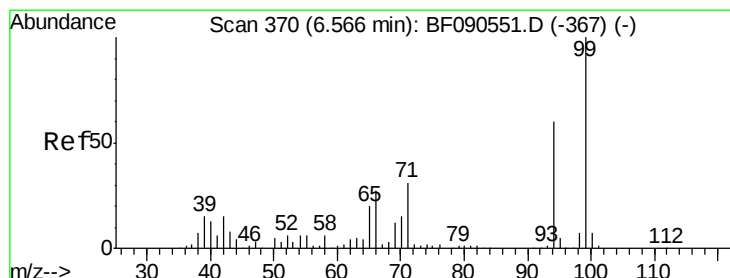
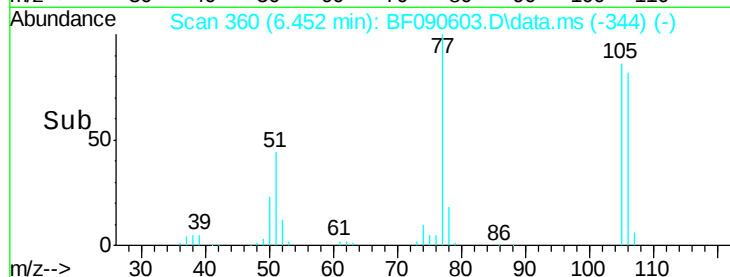
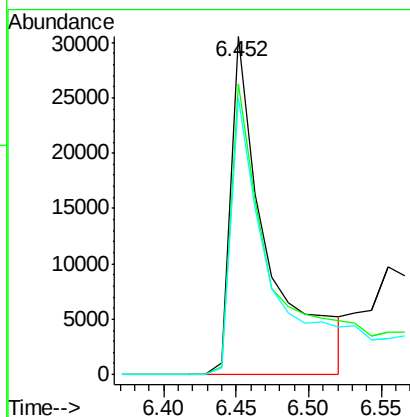
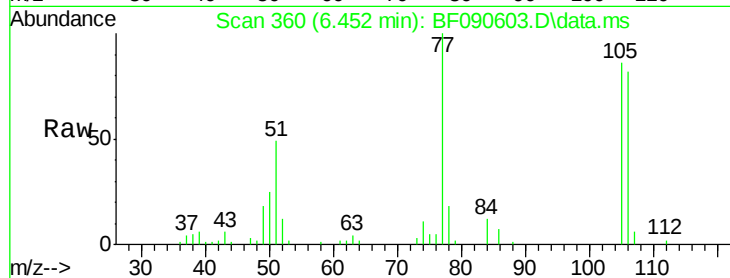
Tot Ion: 77 Resp: 54410

Ion Ratio Lower Upper

77 100

105 86.1 74.3 114.3

106 81.9 67.2 107.2



#10

Phenol

Concen: 33.04 ng

RT: 6.554 min Scan# 369

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

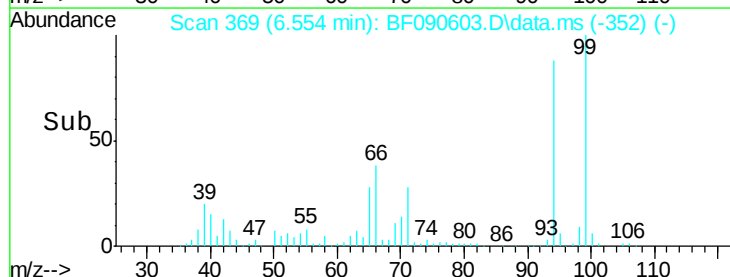
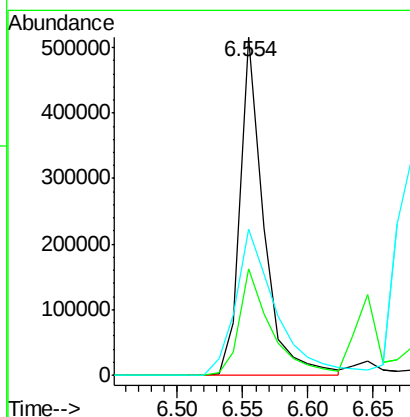
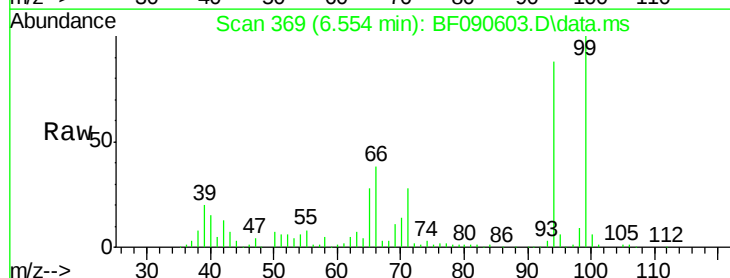
Tgt Ion: 94 Resp: 646208

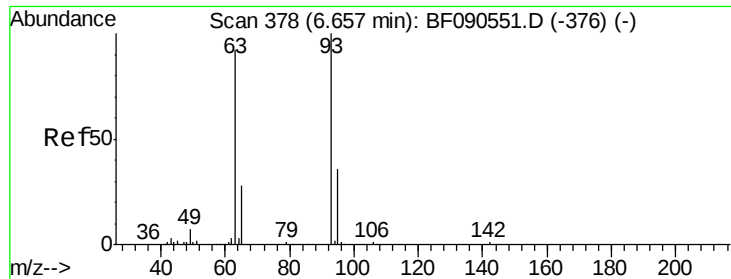
Ion Ratio Lower Upper

94 100

65 31.5 12.5 52.5

66 43.3 25.5 65.5

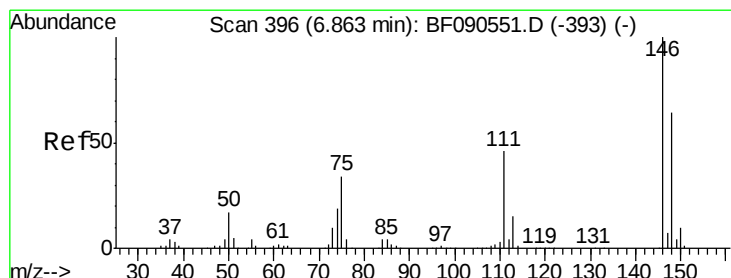
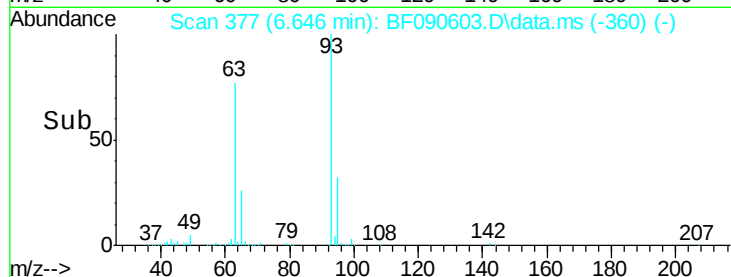
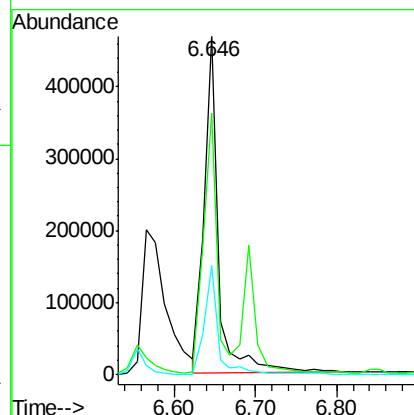
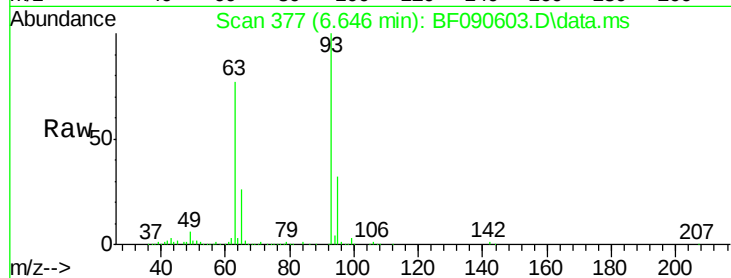




#11
 bis(2-Chloroethyl)ether
 Concen: 35.89 ng
 RT: 6.646 min Scan# 37
 Delta R.T. -0.011 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

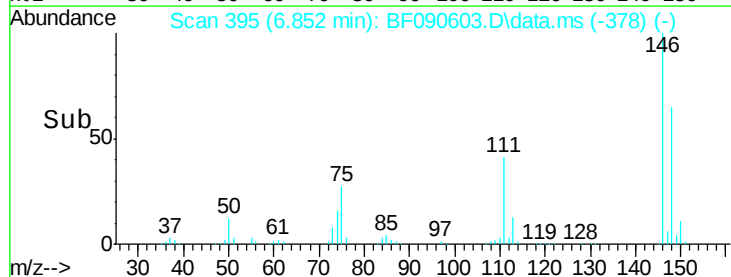
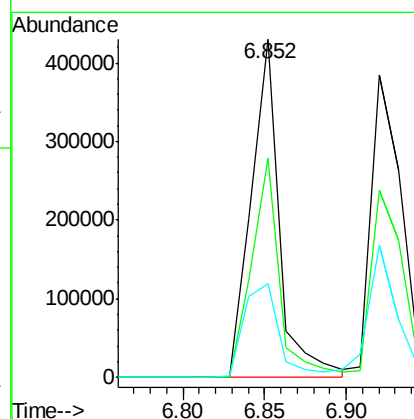
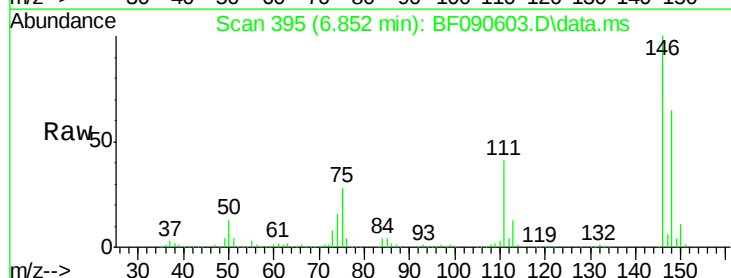
Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

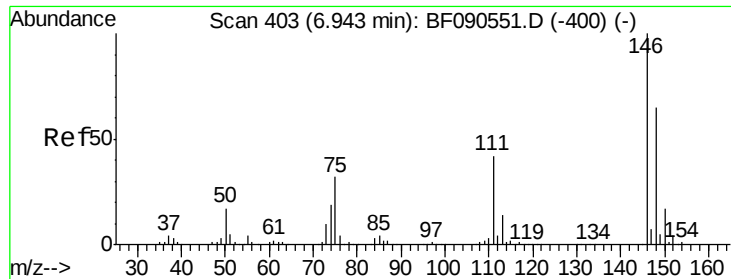
Tot Ion: 93 Resp: 579210
 Ion Ratio Lower Upper
 93 100
 63 77.2 61.6 101.6
 95 32.3 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 34.58 ng
 RT: 6.852 min Scan# 395
 Delta R.T. -0.011 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion: 146 Resp: 514627
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.2
 75 27.8 27.0 40.6

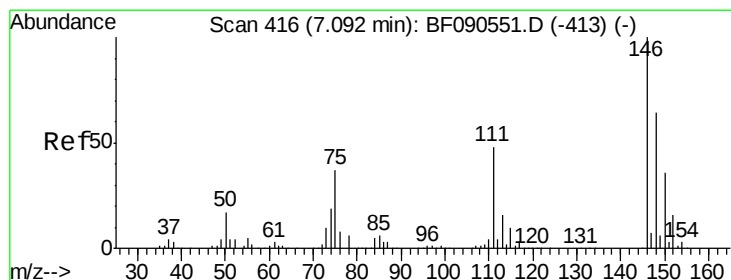
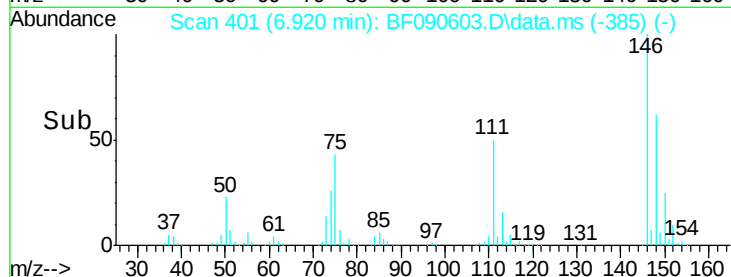
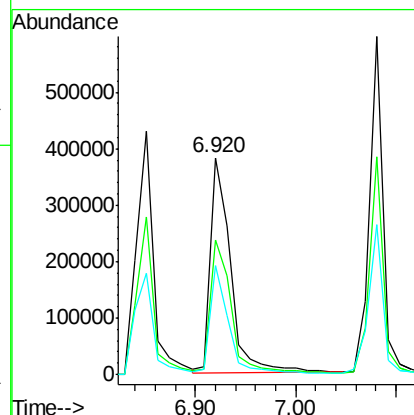
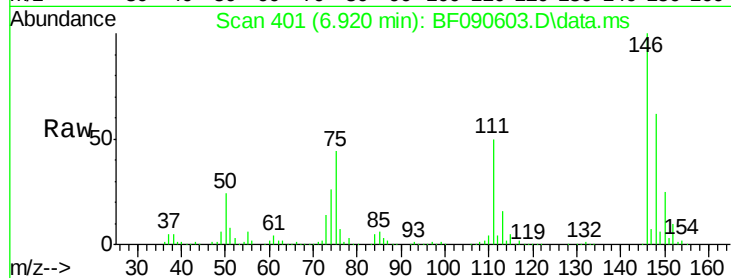




#13
 1,4-Dichlorobenzene
 Concen: 33.09 ng
 RT: 6.920 min Scan# 40
 Delta R.T. -0.023 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

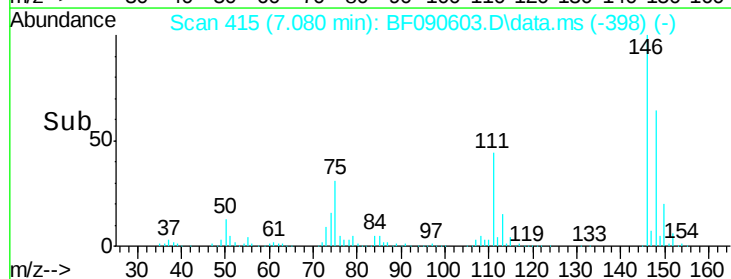
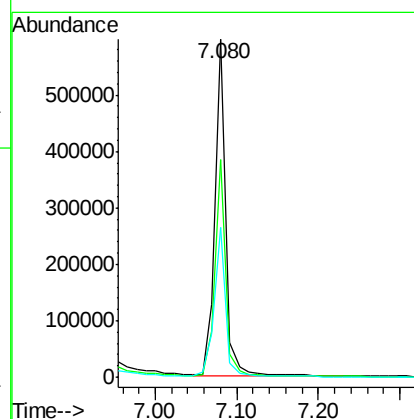
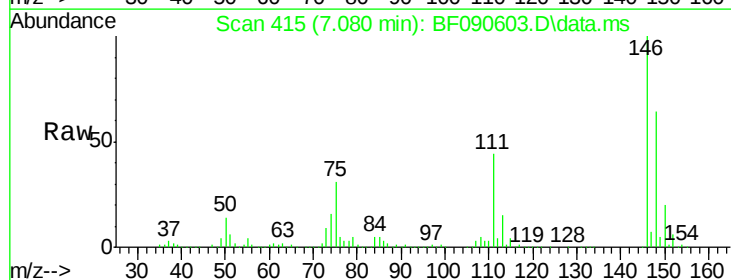
Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

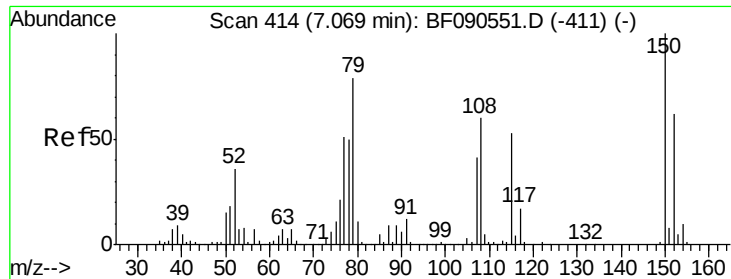
Tot Ion:146 Resp: 535653
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.9 77.9
 111 50.3 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 37.20 ng
 RT: 7.080 min Scan# 415
 Delta R.T. -0.011 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion:146 Resp: 562994
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.2 76.8
 111 44.5 38.2 57.2

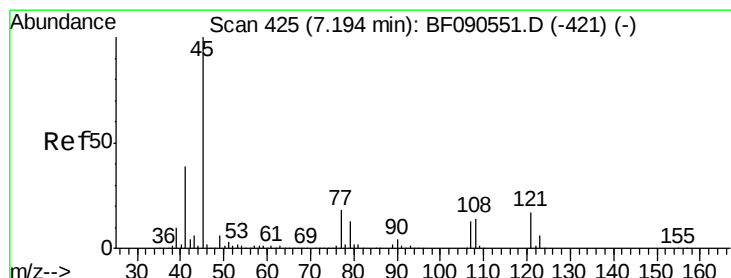
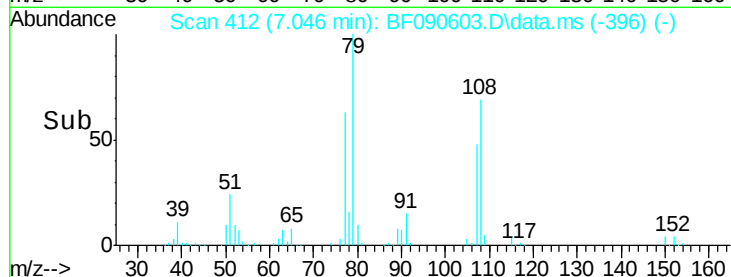
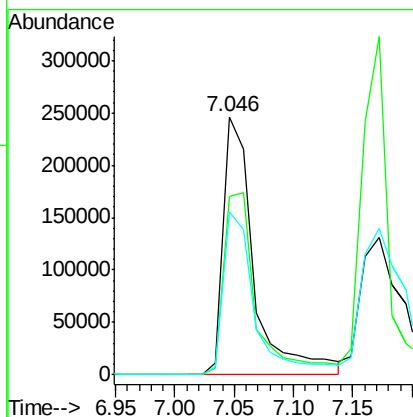
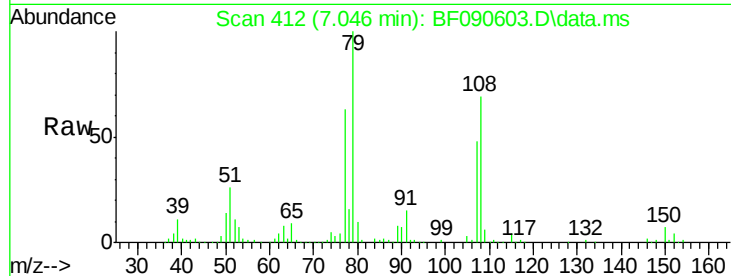




#15
Benzyl Alcohol
Concen: 37.87 ng
RT: 7.046 min Scan# 41
Delta R.T. -0.022 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

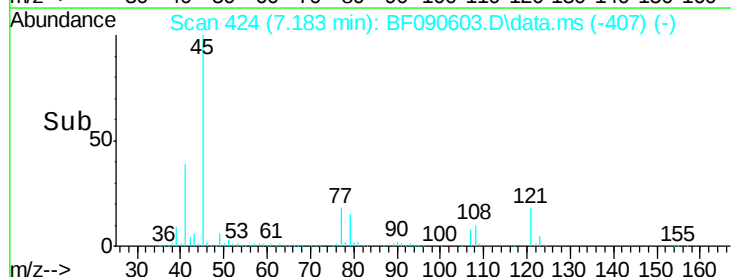
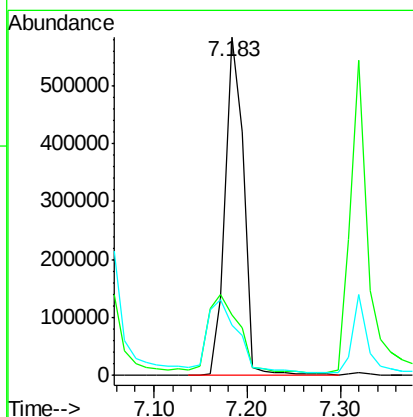
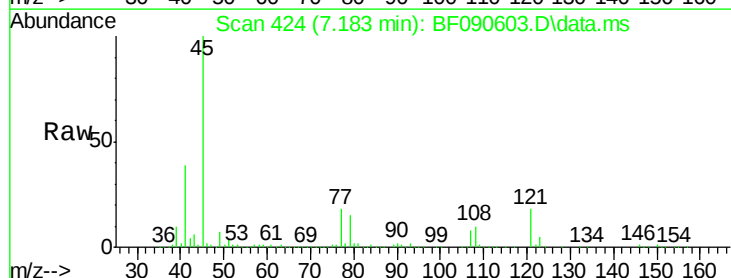
Instrument :
BNA_F
ClientSampleId :
PB94073BS

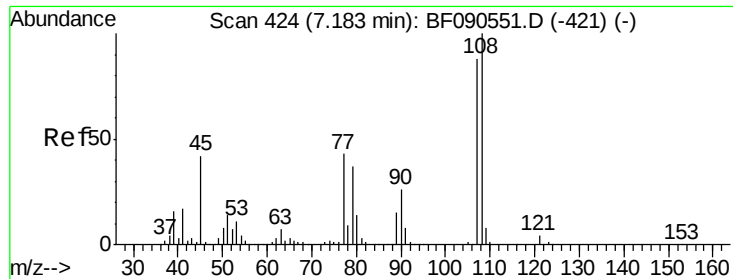
Tot Ion: 79 Resp: 441189
Ion Ratio Lower Upper
79 100
108 69.1 60.2 90.4
77 63.2 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.54 ng
RT: 7.183 min Scan# 424
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion: 45 Resp: 807111
Ion Ratio Lower Upper
45 100
77 17.8 0.9 40.9
79 14.8 0.0 37.3

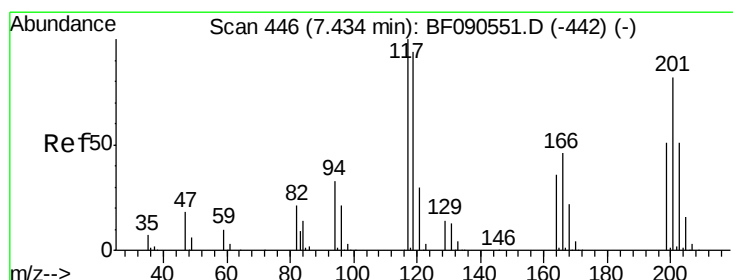
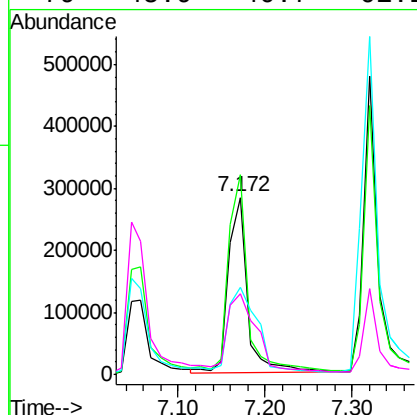
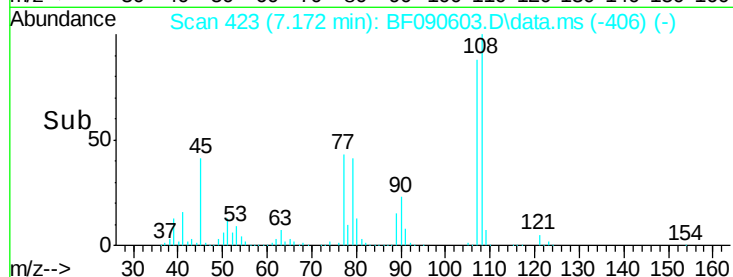
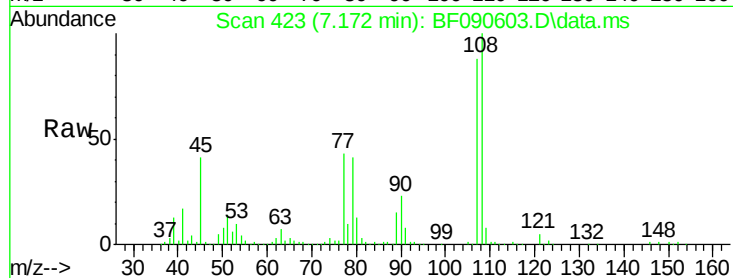




#17
2-Methylphenol
Concen: 37.49 ng
RT: 7.172 min Scan# 42
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

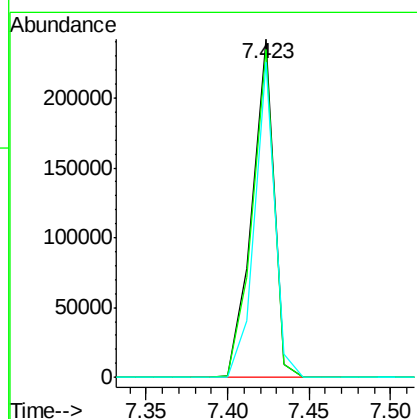
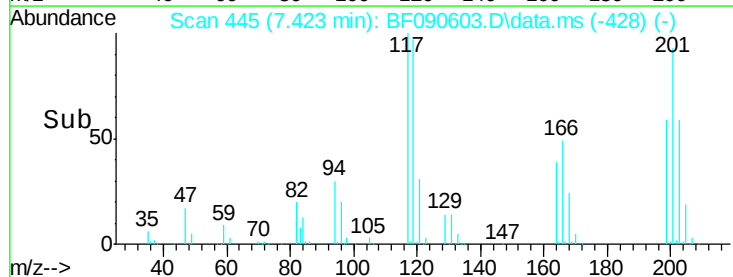
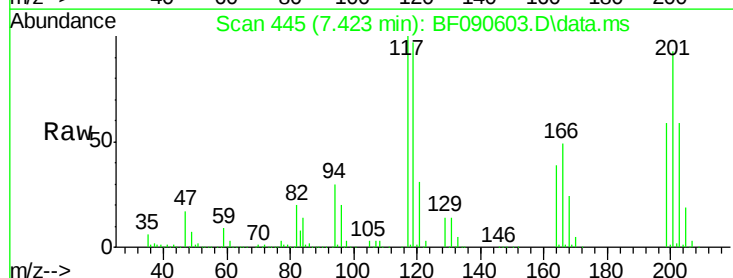
Instrument :
BNA_F
ClientSampleId :
PB94073BS

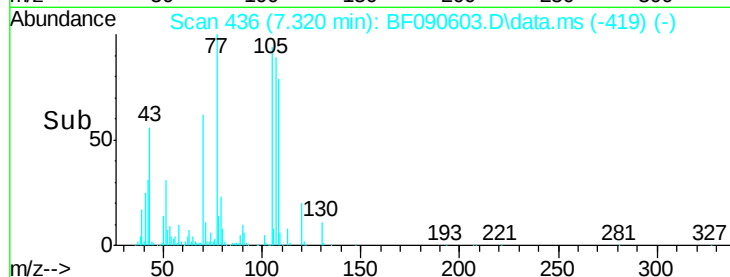
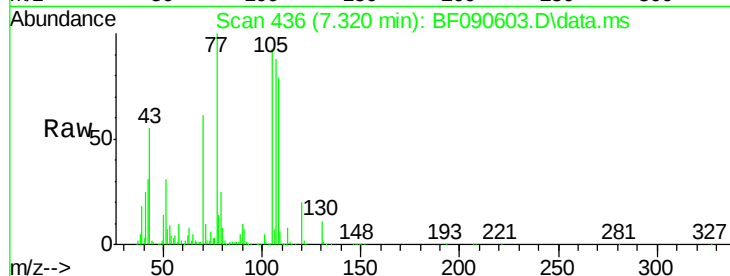
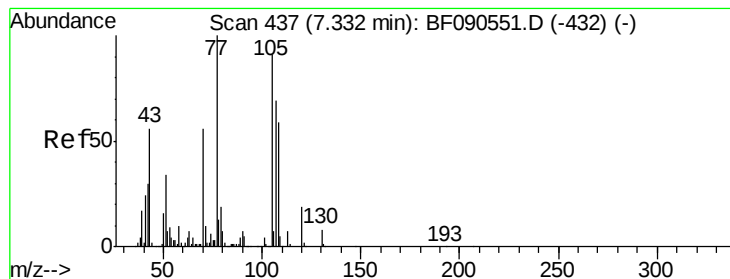
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.6	138.8
77	49.1	42.2	63.2
79	45.9	40.7	61.1



#18
Hexachloroethane
Concen: 35.56 ng
RT: 7.423 min Scan# 445
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.6	113.4
201	93.1	65.4	98.0





#19

n-Nitroso-di-n-propylamine

Concen: 35.62 ng

RT: 7.320 min Scan# 43

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion: 70 Resp: 417688

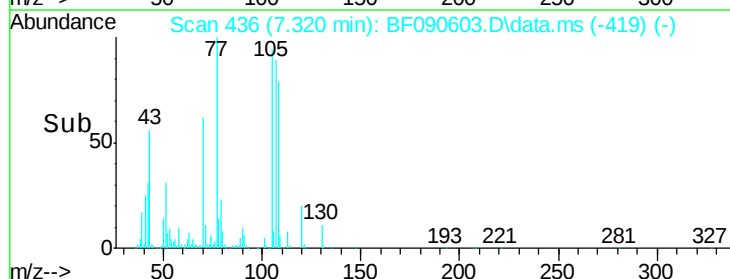
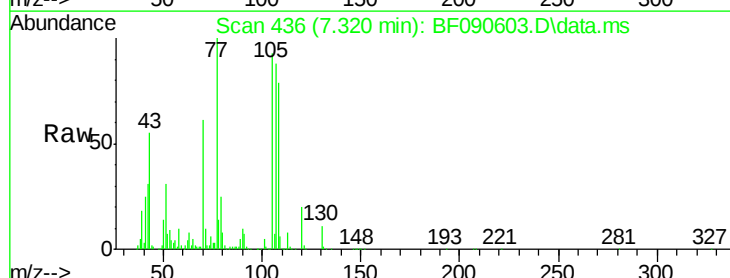
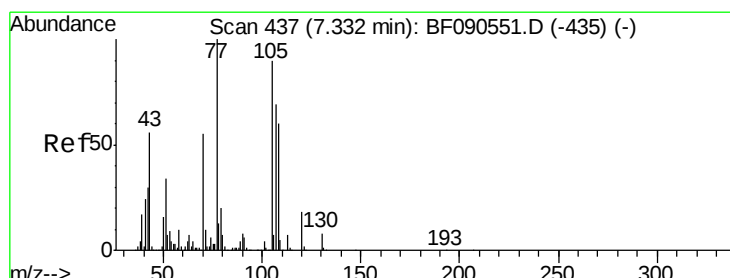
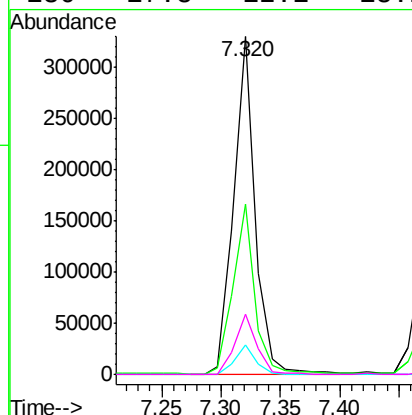
Ion Ratio Lower Upper

70 100

42 50.5 43.4 65.0

101 8.6 6.4 9.6

130 17.8 12.1 18.1



#20

3+4-Methylphenols

Concen: 38.54 ng

RT: 7.320 min Scan# 436

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Tgt Ion:107 Resp: 543469

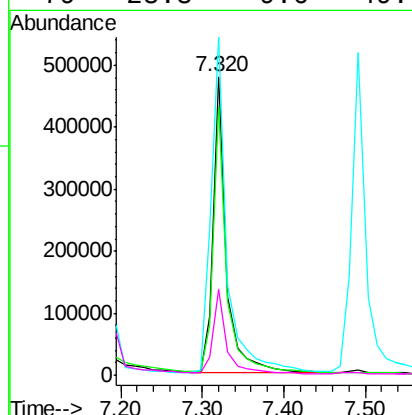
Ion Ratio Lower Upper

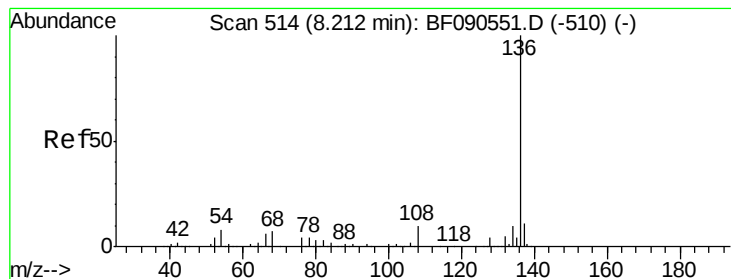
107 100

108 89.9 67.7 107.7

77 113.1 123.1 163.1#

79 28.8 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: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion:136 Resp: 913402

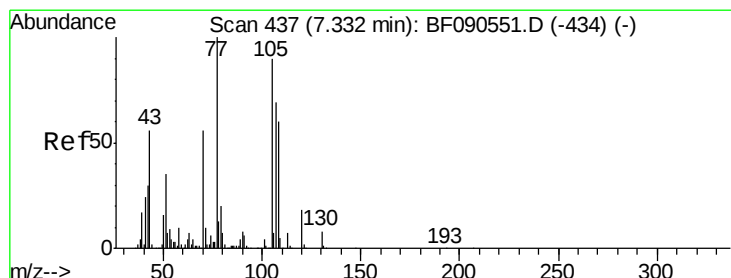
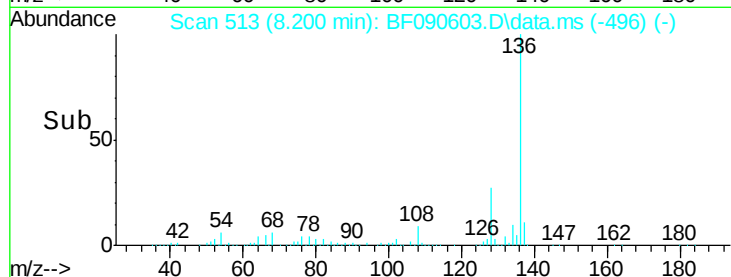
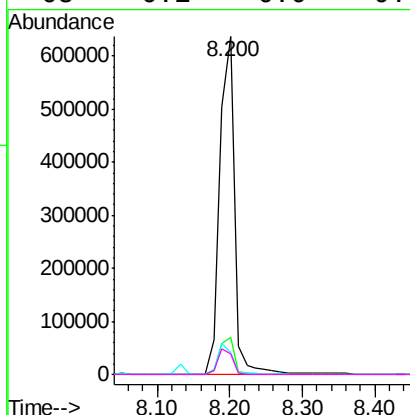
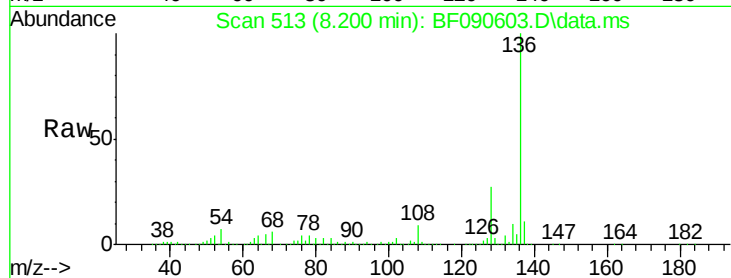
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.6 6.8 10.2#

68 6.1 6.0 9.0



#22

Acetophenone

Concen: 36.36 ng

RT: 7.320 min Scan# 436

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Tgt Ion:105 Resp: 733749

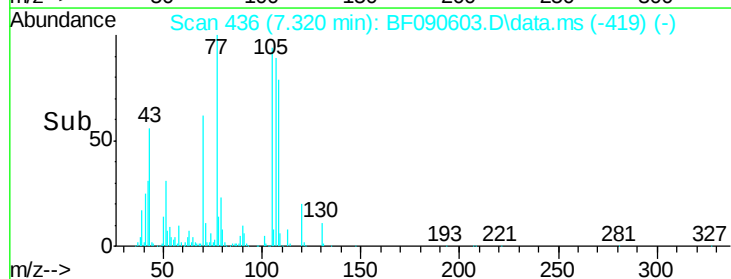
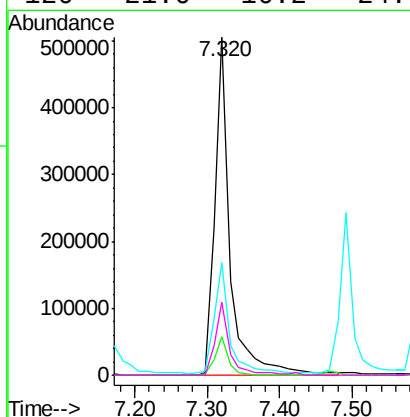
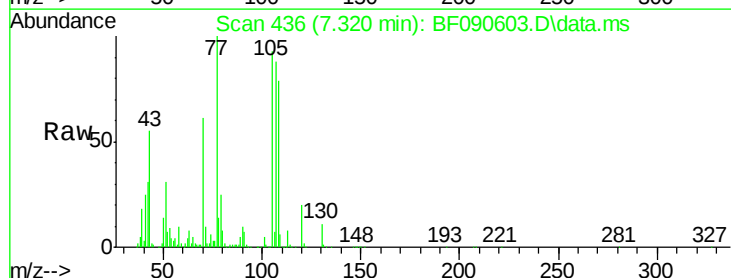
Ion Ratio Lower Upper

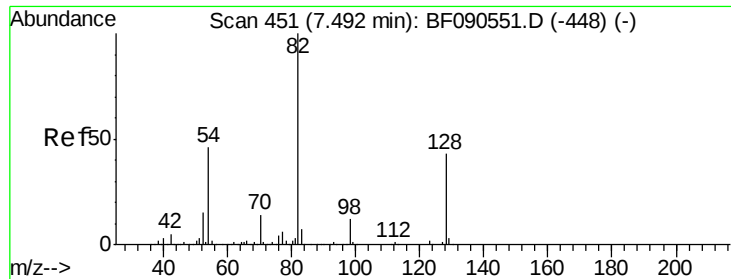
105 100

71 11.3 8.5 12.7

51 33.5 31.0 46.4

120 21.6 16.2 24.4

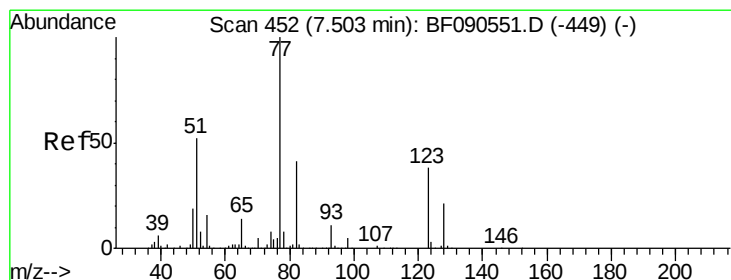
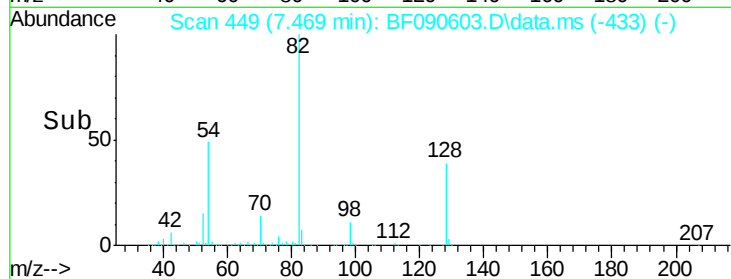
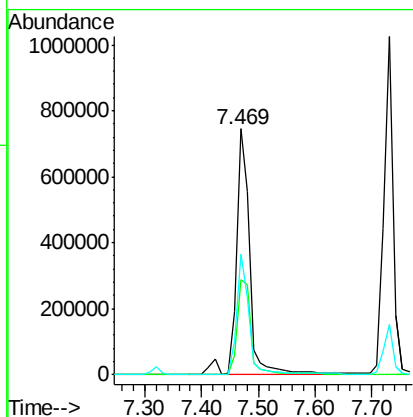
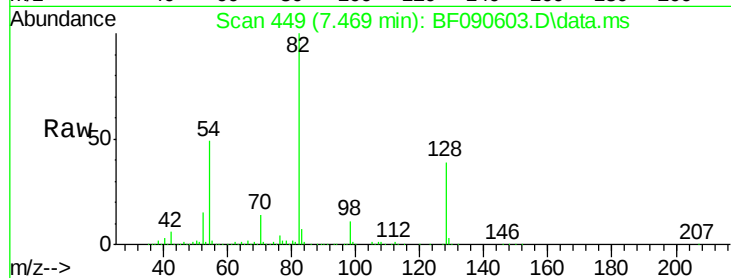




#23
 Nitrobenzene-d5
 Concen: 75.13 ng
 RT: 7.469 min Scan# 449
 Delta R.T. -0.023 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

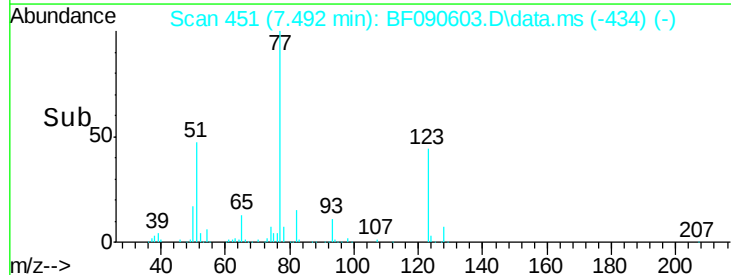
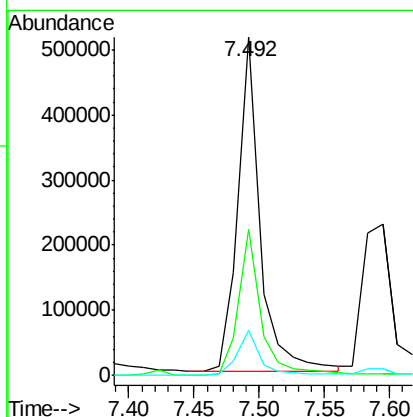
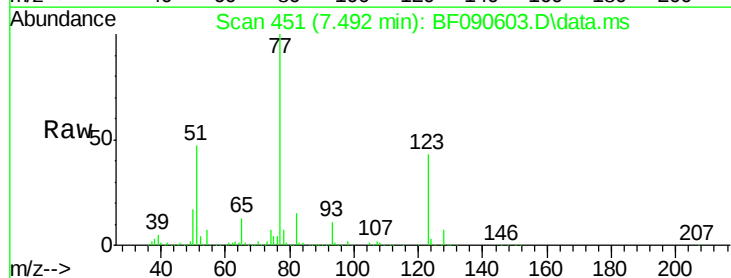
Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

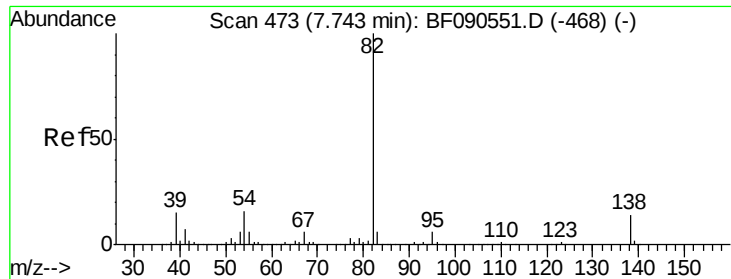
Tot Ion: 82 Resp: 1235271
 Ion Ratio Lower Upper
 82 100
 128 38.6 34.3 51.5
 54 49.1 37.0 55.6



#24
 Nitrobenzene
 Concen: 35.92 ng
 RT: 7.492 min Scan# 451
 Delta R.T. -0.011 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion: 77 Resp: 606078
 Ion Ratio Lower Upper
 77 100
 123 43.2 29.8 44.6
 65 13.4 10.9 16.3





#25

Isophorone

Concen: 38.33 ng

RT: 7.732 min Scan# 47

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

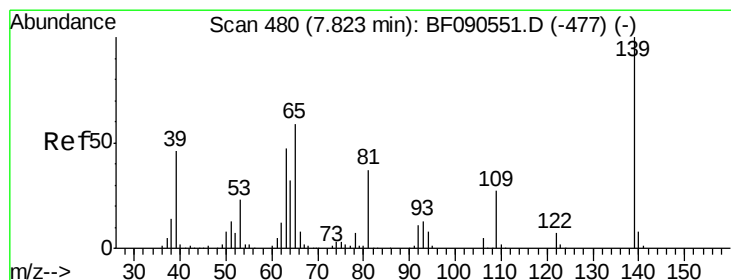
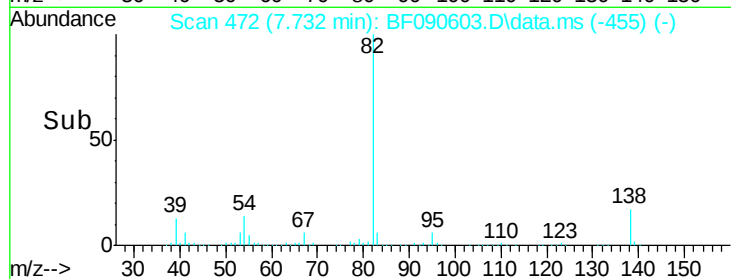
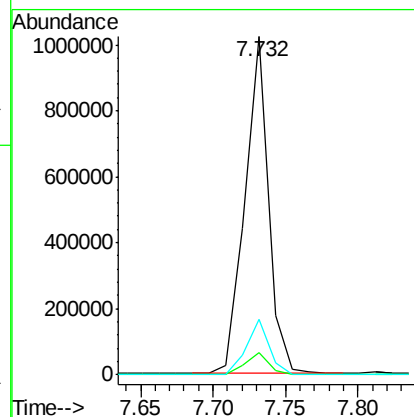
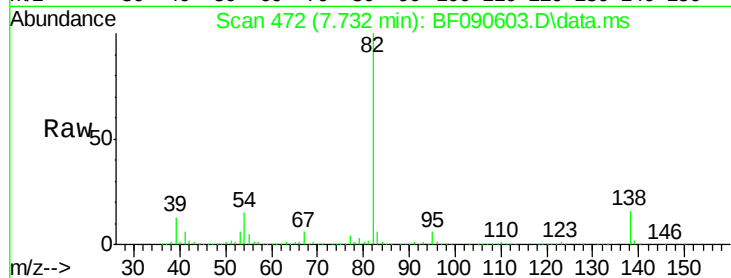
Tot Ion: 82 Resp: 1147201

Ion Ratio Lower Upper

82 100

95 6.3 5.0 7.6

138 16.3 11.5 17.3



#26

2-Nitrophenol

Concen: 37.20 ng

RT: 7.812 min Scan# 479

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

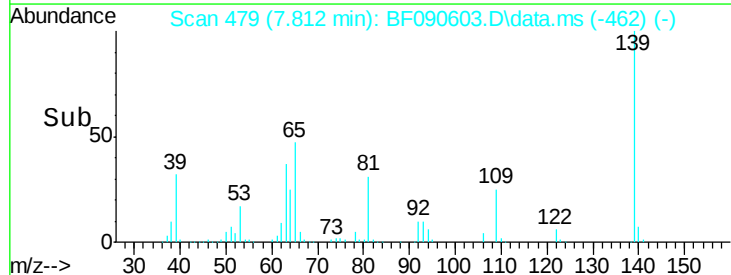
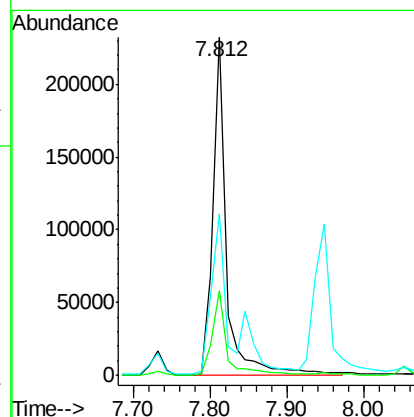
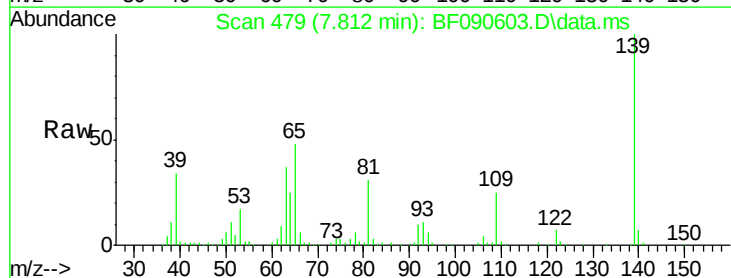
Tgt Ion: 139 Resp: 284793

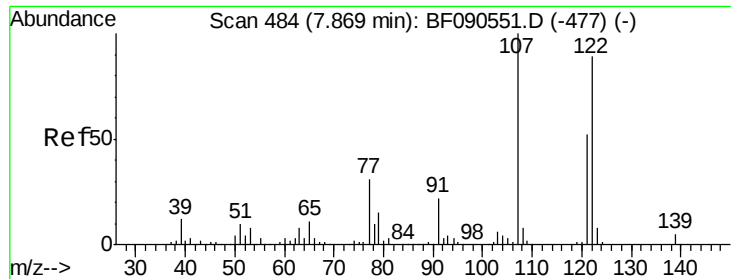
Ion Ratio Lower Upper

139 100

109 25.0 21.8 32.6

65 47.6 47.7 71.5#





#27

2,4-Dimethylphenol

Concen: 34.98 ng

RT: 7.846 min Scan# 48

Delta R.T. -0.023 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

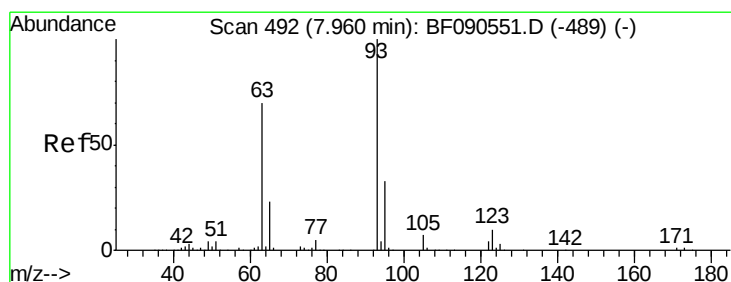
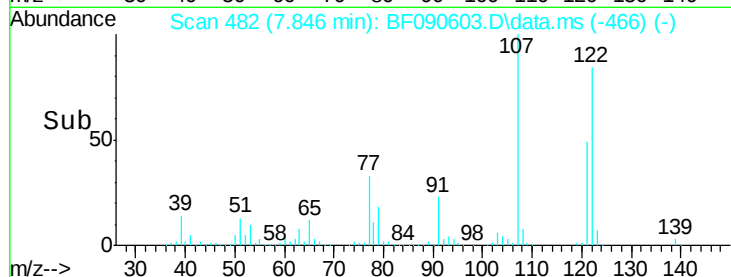
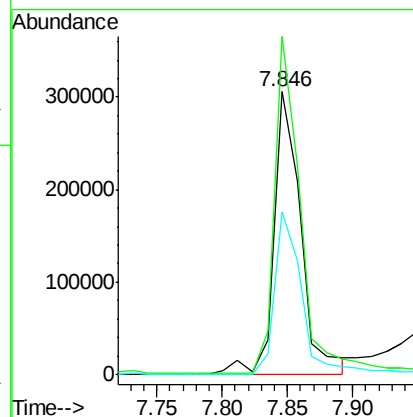
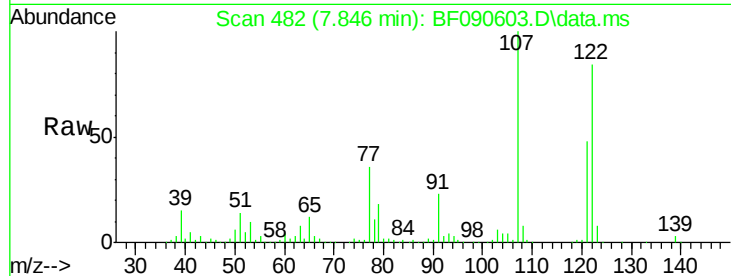
Tot Ion:122 Resp: 444391

Ion Ratio Lower Upper

122 100

107 119.5 89.8 134.6

121 57.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.96 ng

RT: 7.949 min Scan# 491

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

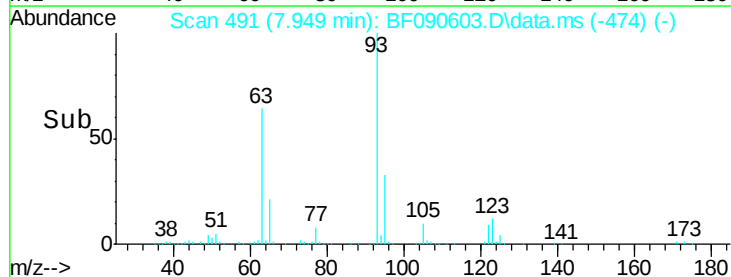
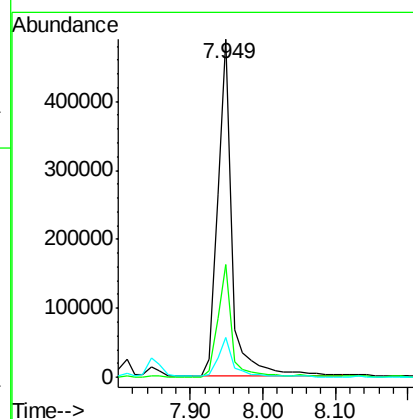
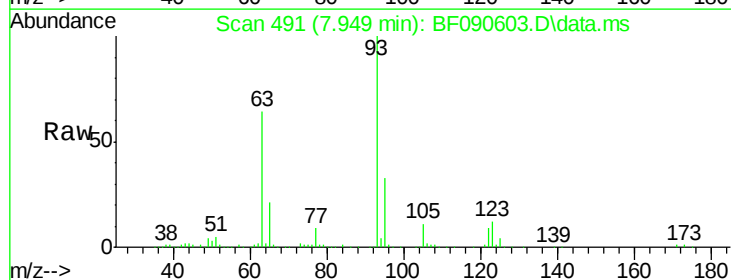
Tgt Ion: 93 Resp: 670813

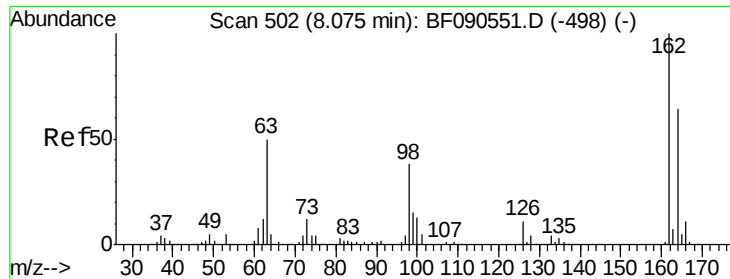
Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

123 11.7 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 36.55 ng

RT: 8.052 min Scan# 50

Delta R.T. -0.023 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

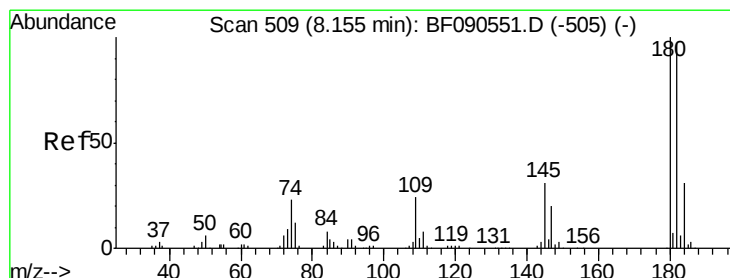
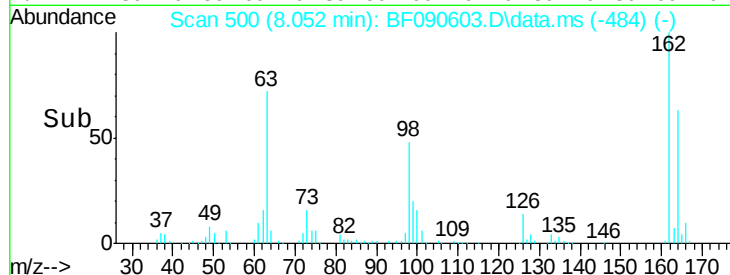
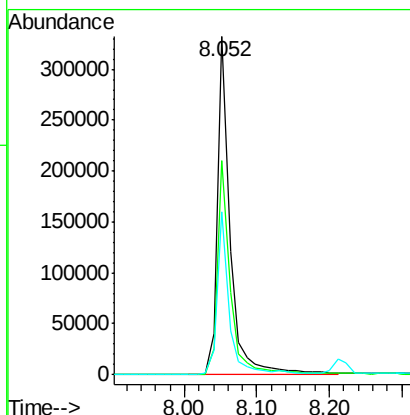
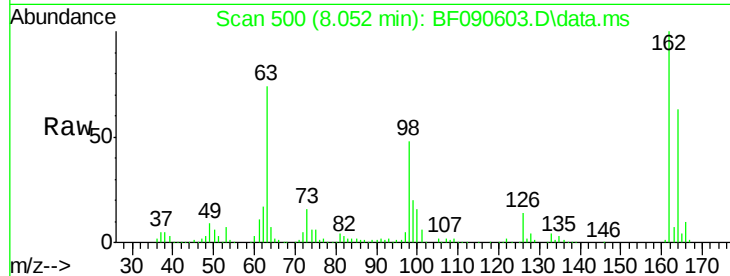
Tot Ion:162 Resp: 406741

Ion Ratio Lower Upper

162 100

164 63.2 44.0 84.0

98 48.1 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 33.20 ng

RT: 8.132 min Scan# 507

Delta R.T. -0.023 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

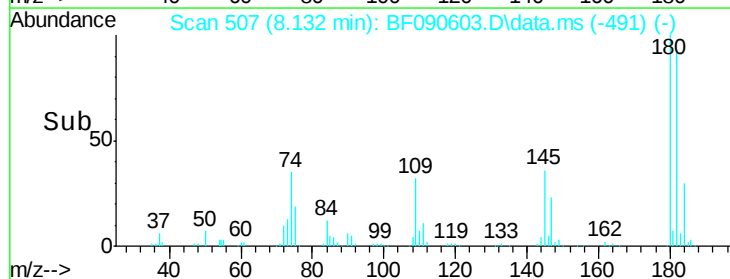
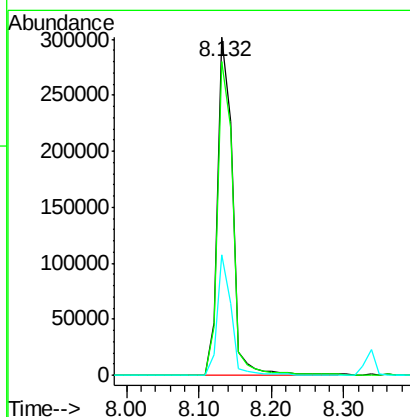
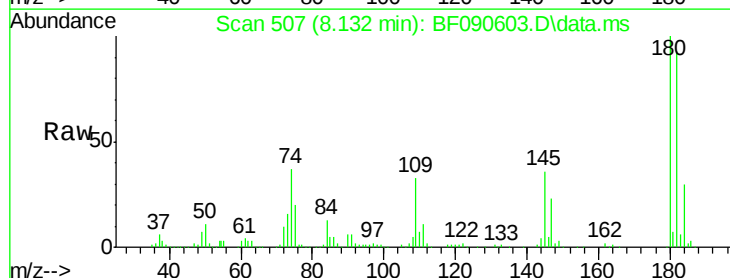
Tgt Ion:180 Resp: 432694

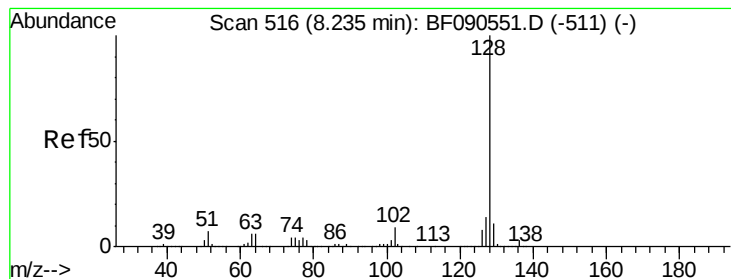
Ion Ratio Lower Upper

180 100

182 92.8 77.2 115.8

145 35.5 24.4 36.6





#31

Naphthalene

Concen: 33.43 ng

RT: 8.212 min Scan# 51

Delta R.T. -0.023 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

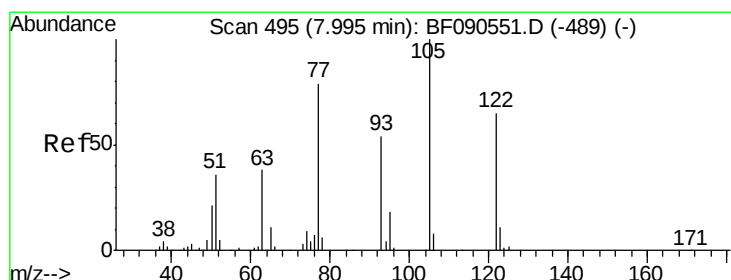
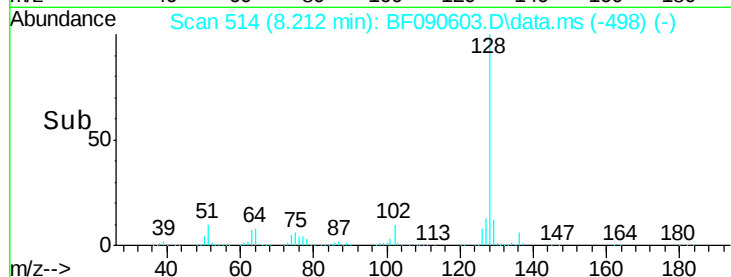
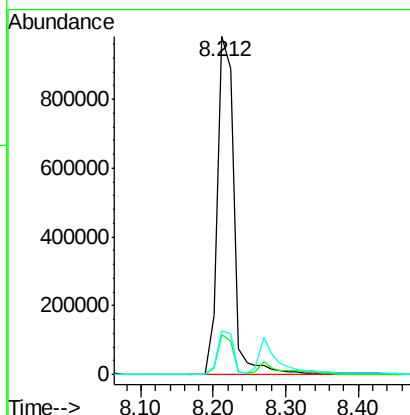
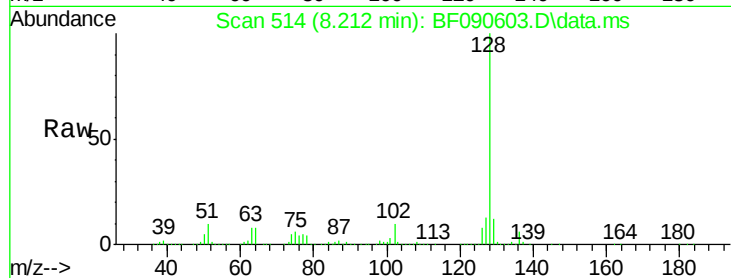
Tot Ion:128 Resp: 155593

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

127 13.0 10.8 16.2



#32

Benzoic acid

Concen: 27.06 ng

RT: 7.972 min Scan# 493

Delta R.T. -0.022 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

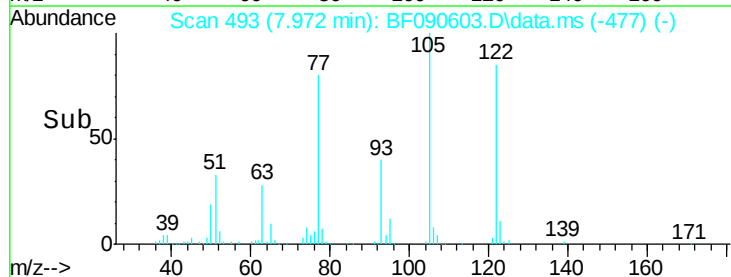
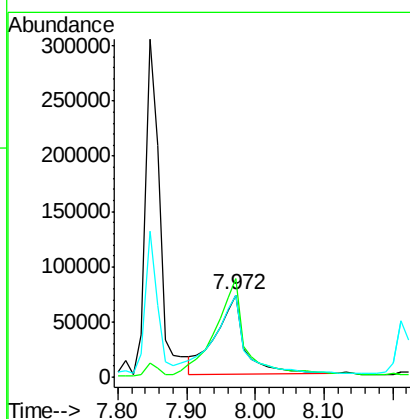
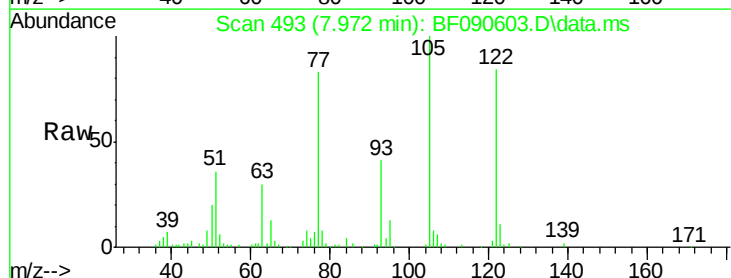
Tgt Ion:122 Resp: 211135

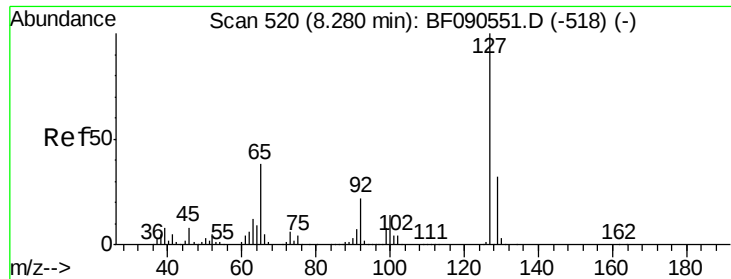
Ion Ratio Lower Upper

122 100

105 119.2 101.1 141.1

77 99.4 84.7 124.7

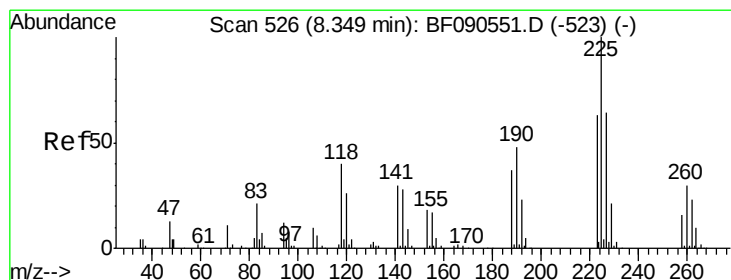
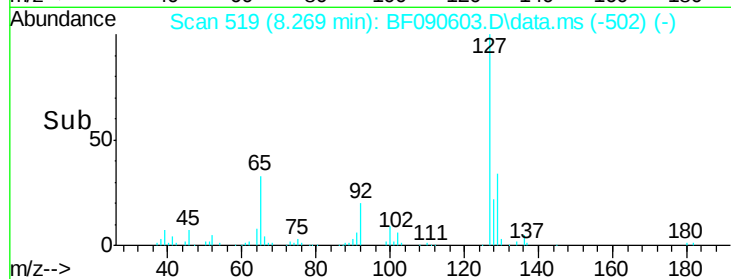
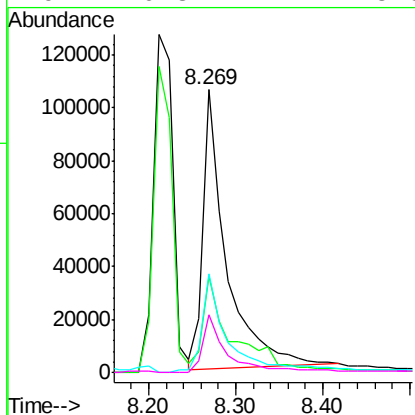
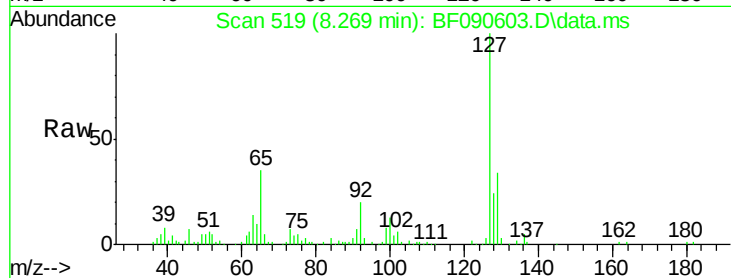




#33
4-Chloroaniline
Concen: 11.04 ng
RT: 8.269 min Scan# 51
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

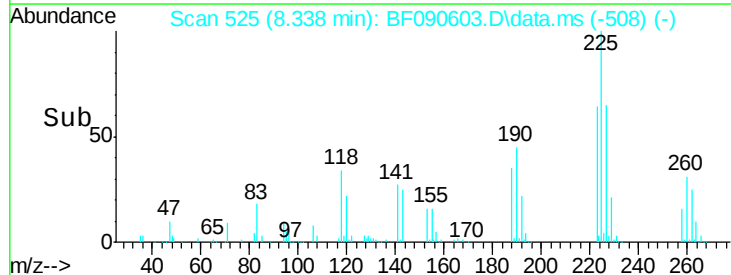
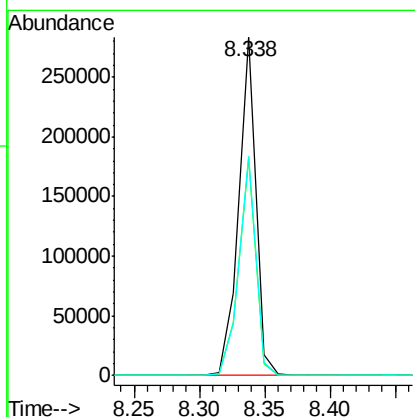
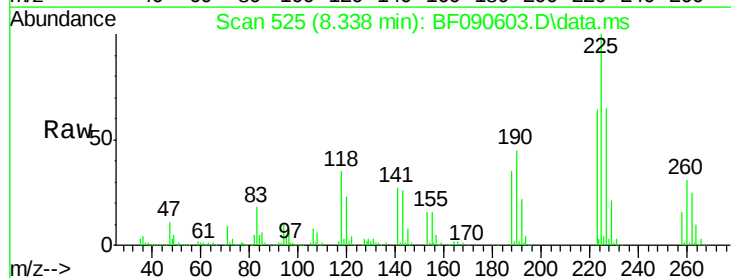
Instrument :
BNA_F
ClientSampleId :
PB94073BS

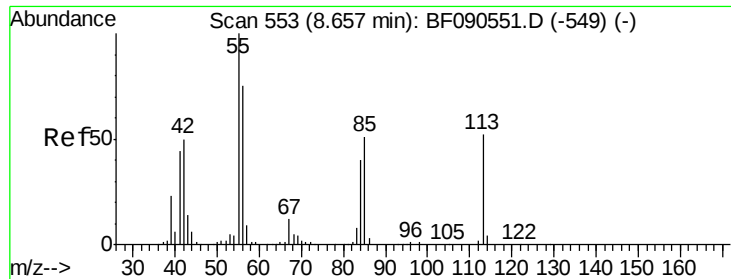
Tot Ion:	127	Resp:	196406
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.2	39.2
65	34.7	30.1	45.1
92	20.3	17.2	25.8



#34
Hexachlorobutadiene
Concen: 35.13 ng
RT: 8.338 min Scan# 525
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion:	225	Resp:	255837
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	64.8	51.4	77.2





#35

Caprolactam

Concen: 17.35 ng

RT: 8.680 min Scan# 55

Delta R.T. 0.023 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

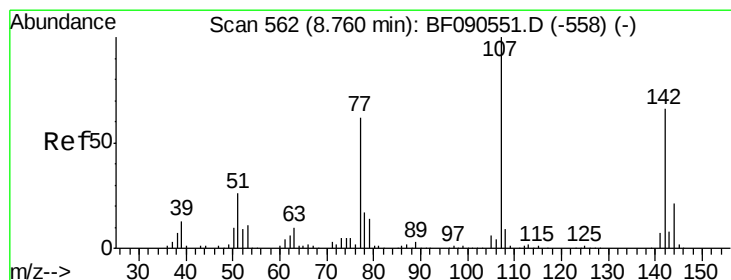
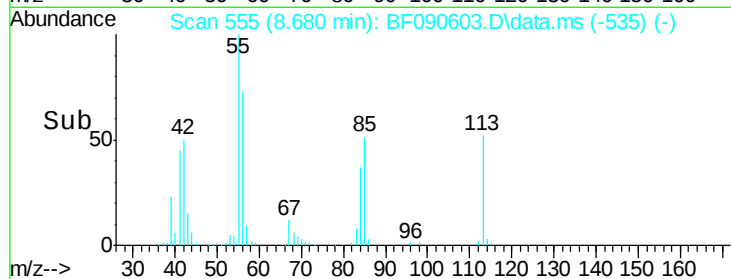
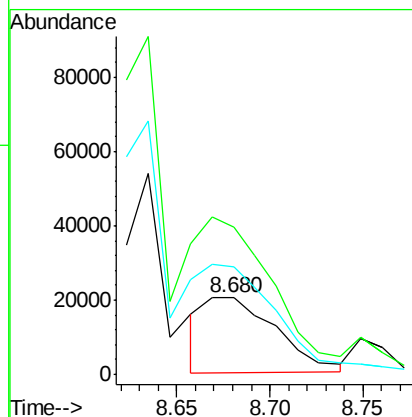
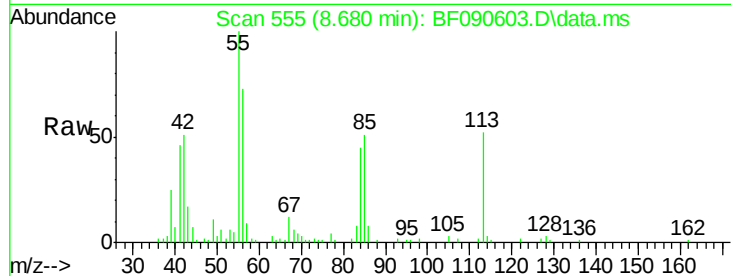
Tot Ion:113 Resp: 53881

Ion Ratio Lower Upper

113 100

55 191.5 170.8 210.8

56 140.2 122.4 162.4



#36

4-Chloro-3-methylphenol

Concen: 36.25 ng

RT: 8.749 min Scan# 561

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

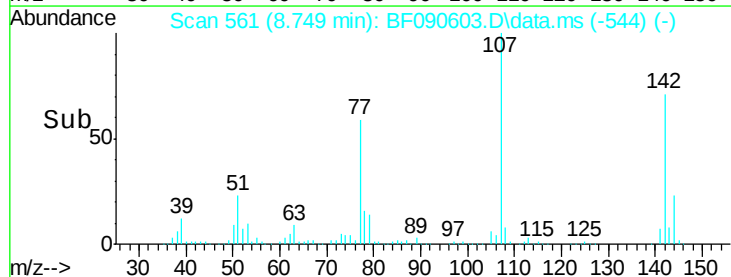
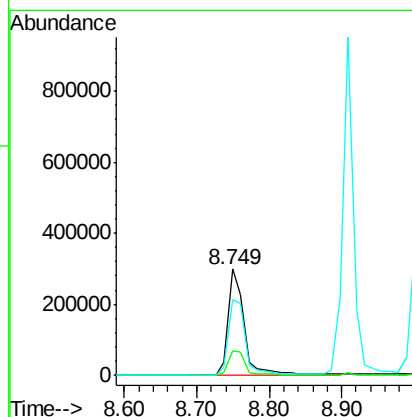
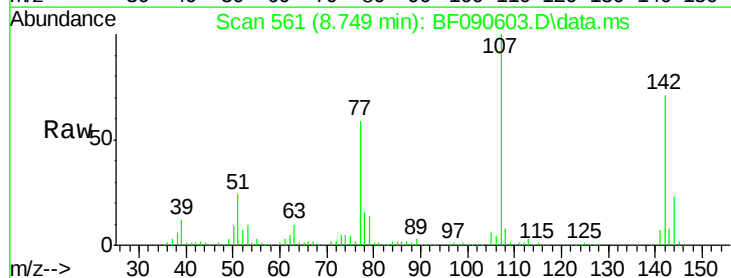
Tgt Ion:107 Resp: 465396

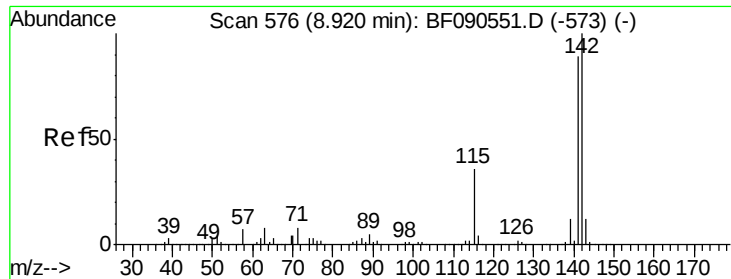
Ion Ratio Lower Upper

107 100

144 22.6 16.9 25.3

142 71.1 52.5 78.7

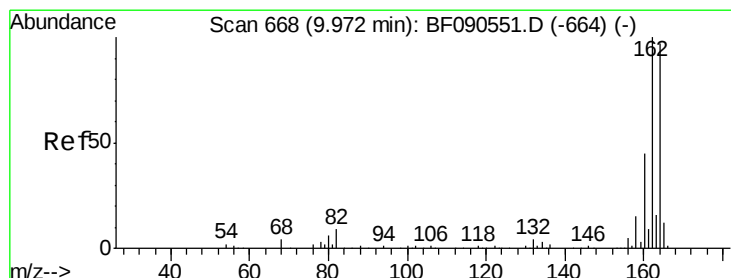
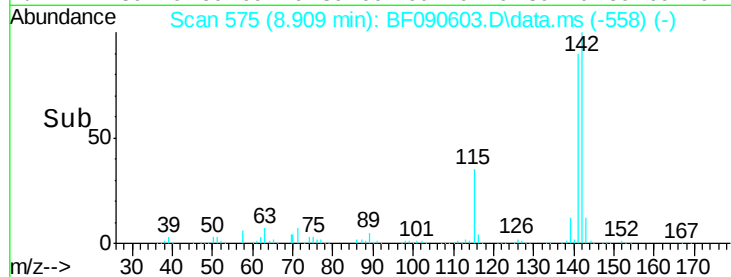
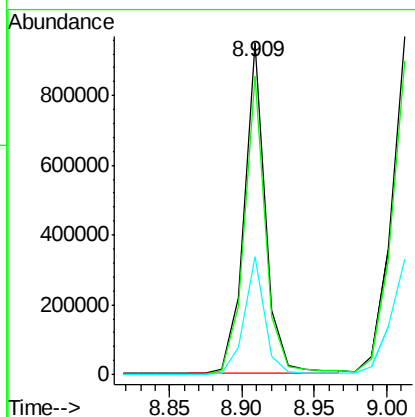
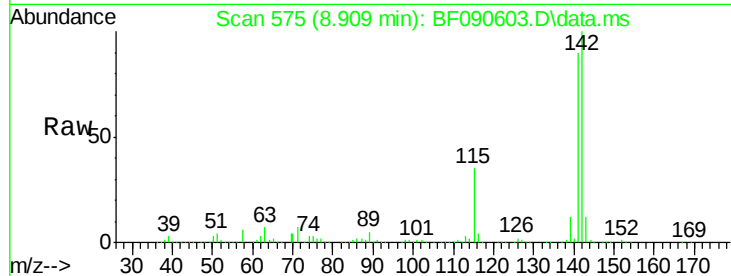




#37
2-Methylnaphthalene
Concen: 35.46 ng
RT: 8.909 min Scan# 57
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

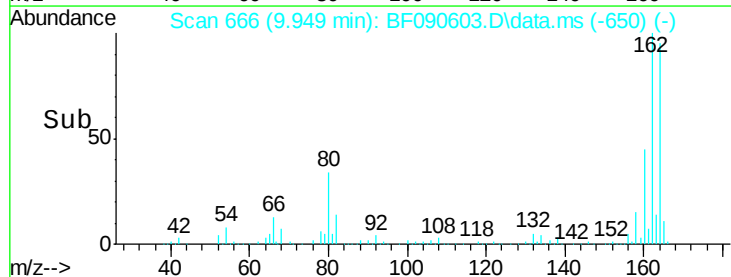
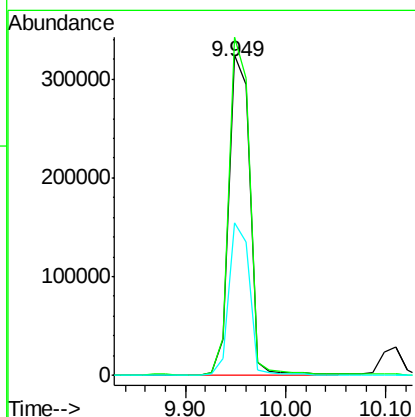
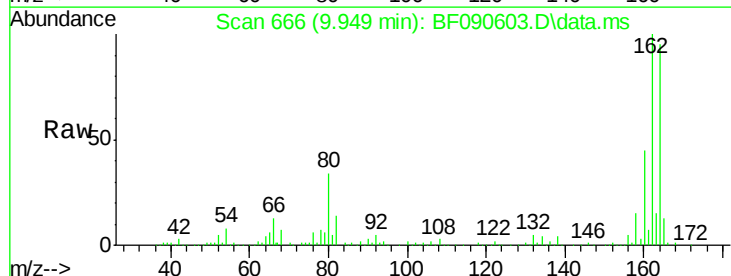
Instrument :
BNA_F
ClientSampleId :
PB94073BS

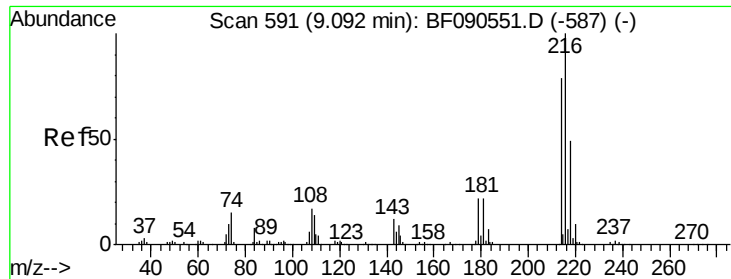
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	35.5	28.8	43.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.949 min Scan# 666
Delta R.T. -0.023 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.2	123.4
160	47.5	36.6	55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.42 ng

RT: 9.080 min Scan# 59

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

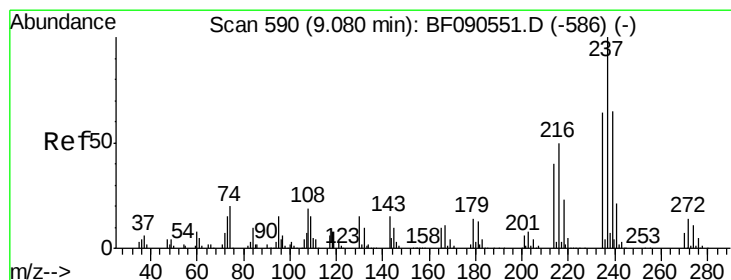
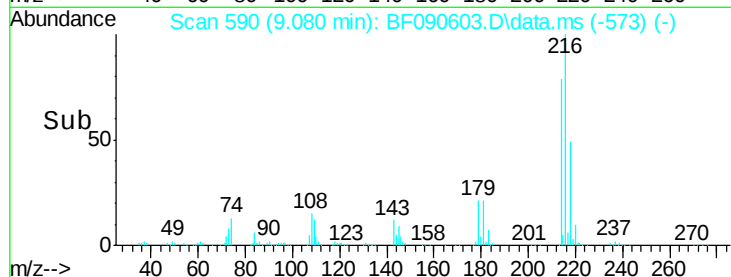
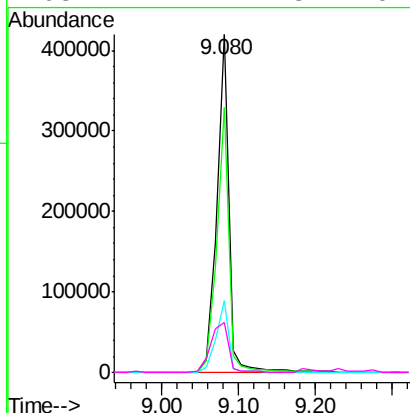
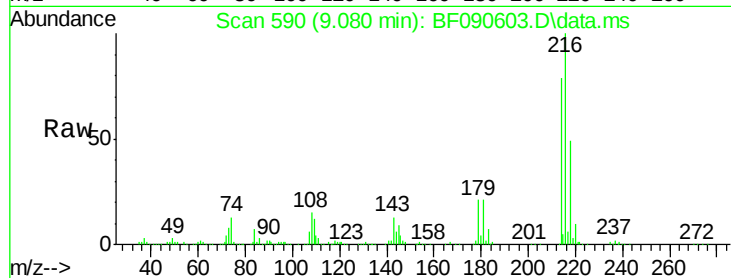
BNA_F

ClientSampleId :

PB94073BS

Tot Ion:216 Resp: 455785

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.5	95.3
179	22.4	18.9	28.3
108	21.4	17.8	26.6



#40

Hexachlorocyclopentadiene

Concen: 82.06 ng

RT: 9.069 min Scan# 589

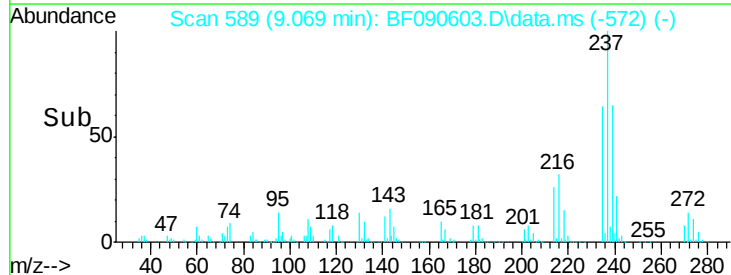
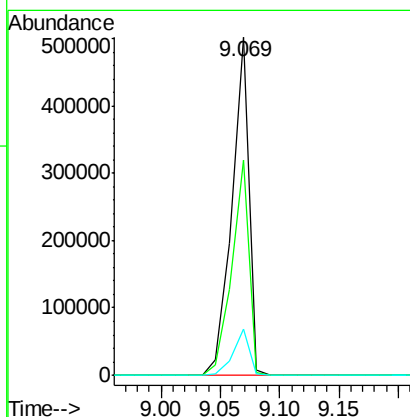
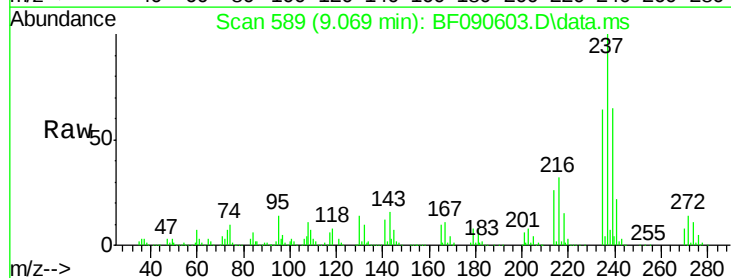
Delta R.T. -0.011 min

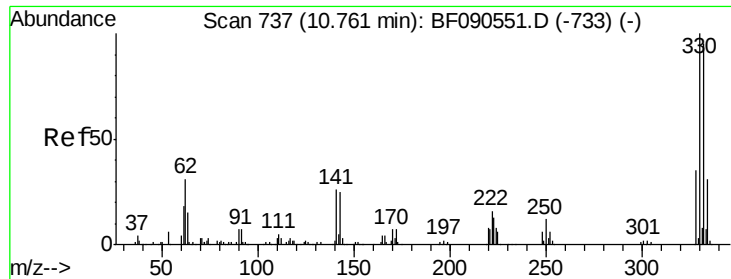
Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Tgt Ion:237 Resp: 501673

Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.8	83.8
272	13.7	0.0	33.7

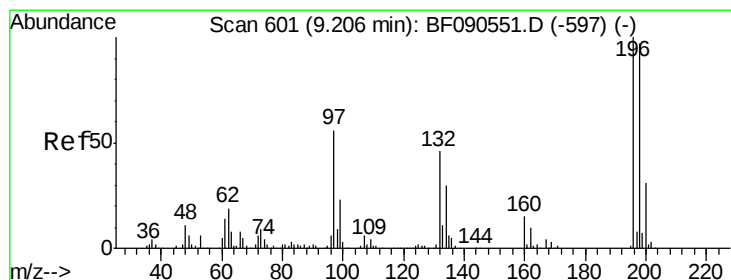
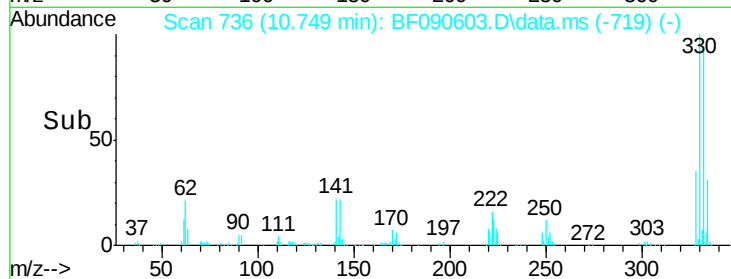
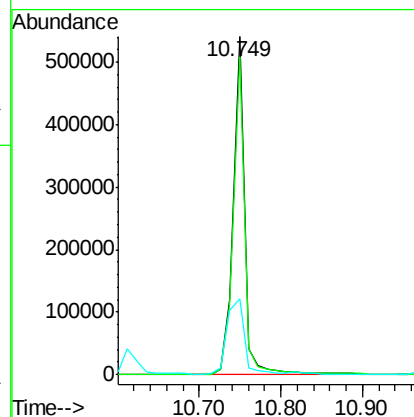
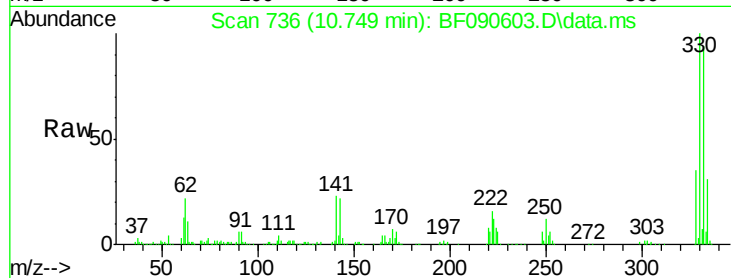




#41
 2,4,6-Tribromophenol
 Concen: 123.36 ng
 RT: 10.749 min Scan# 737
 Delta R.T. -0.011 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

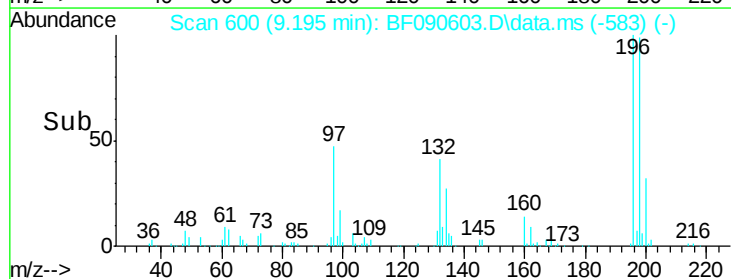
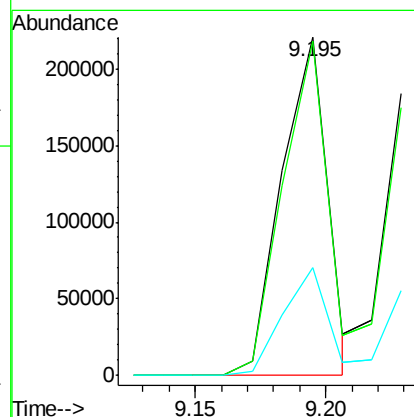
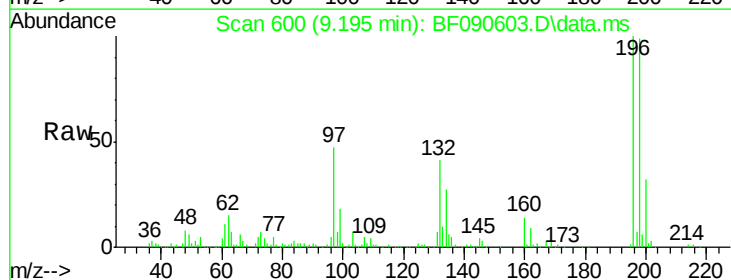
Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

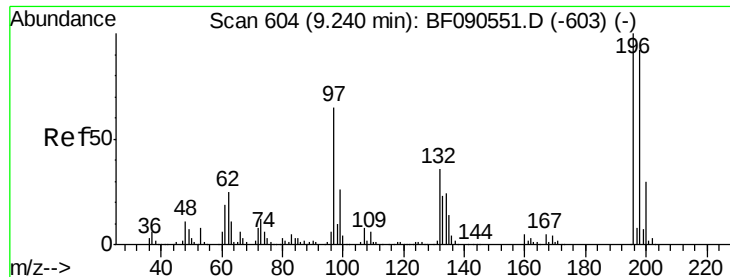
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.2	114.2
141	33.5	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 38.02 ng
 RT: 9.195 min Scan# 600
 Delta R.T. -0.011 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	77.9	116.9
200	31.8	25.1	37.7

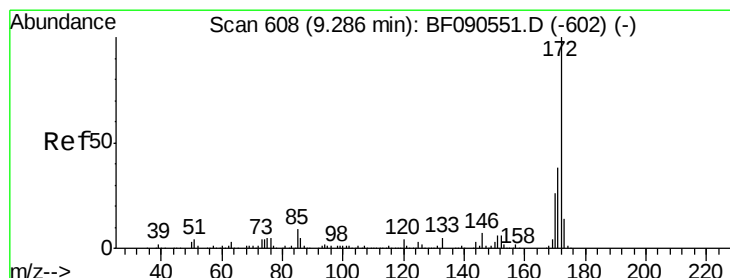
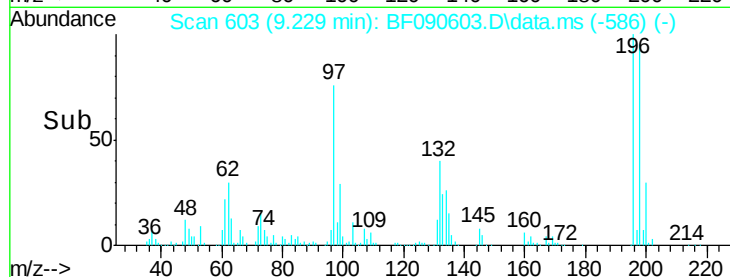
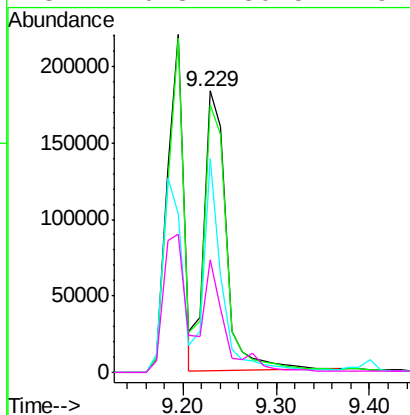
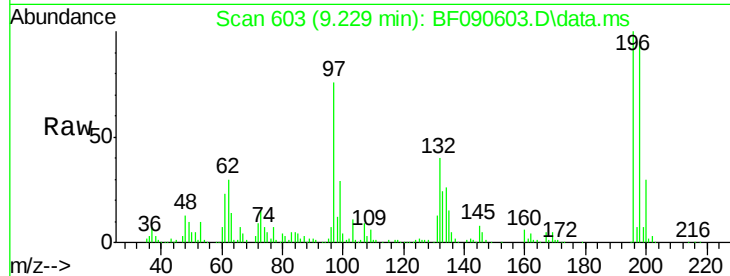




#43
2,4,5-Trichlorophenol
Concen: 35.85 ng
RT: 9.229 min Scan# 607
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

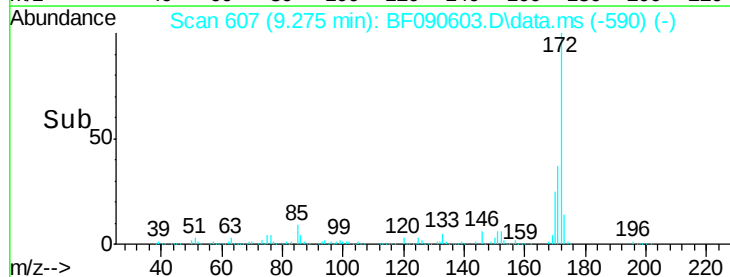
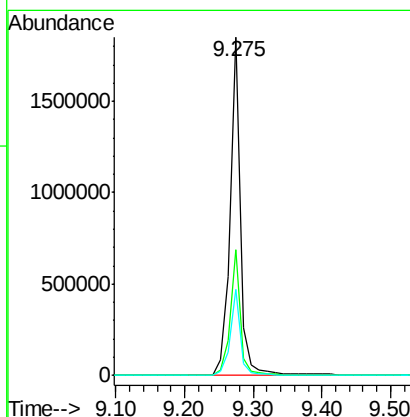
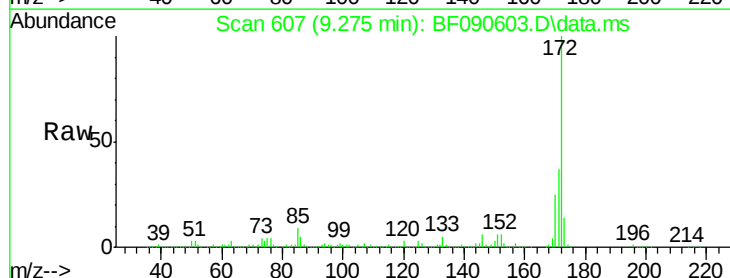
Instrument :
BNA_F
ClientSampleId :
PB94073BS

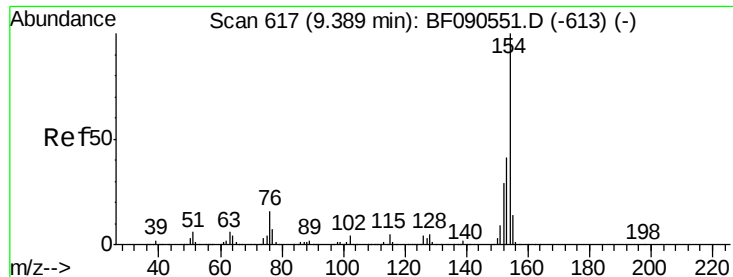
Tot Ion:196 Resp: 301903
Ion Ratio Lower Upper
196 100
198 95.0 74.0 111.0
97 76.1 54.7 82.1
132 40.3 30.5 45.7



#44
2-Fluorobiphenyl
Concen: 69.67 ng
RT: 9.275 min Scan# 607
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion:172 Resp: 1995838
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: 35.21 ng

RT: 9.378 min Scan# 61

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

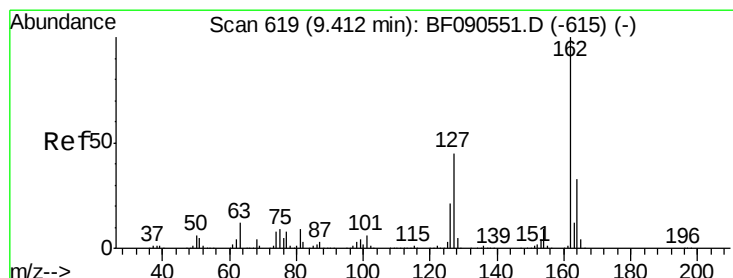
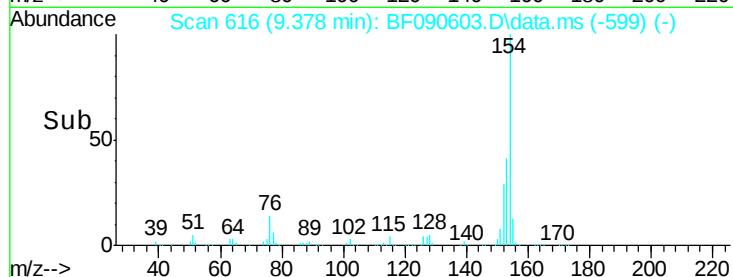
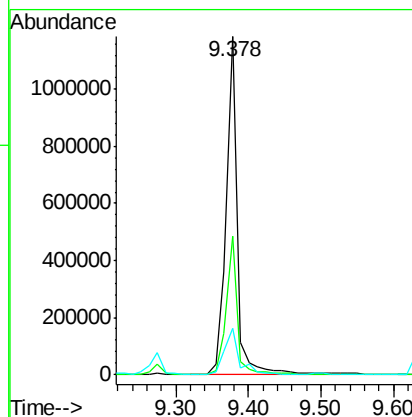
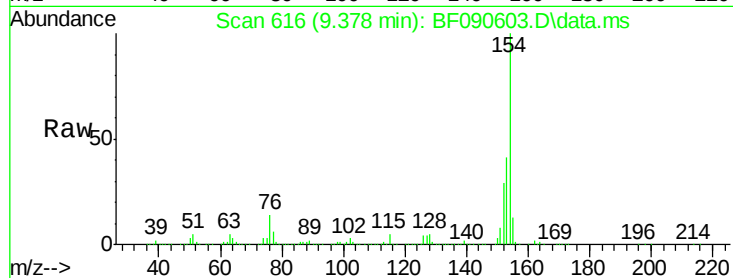
Tot Ion:154 Resp: 1264605

Ion Ratio Lower Upper

154 100

153 40.8 21.5 61.5

76 13.7 0.0 36.0



#46

2-Chloronaphthalene

Concen: 36.59 ng

RT: 9.400 min Scan# 618

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

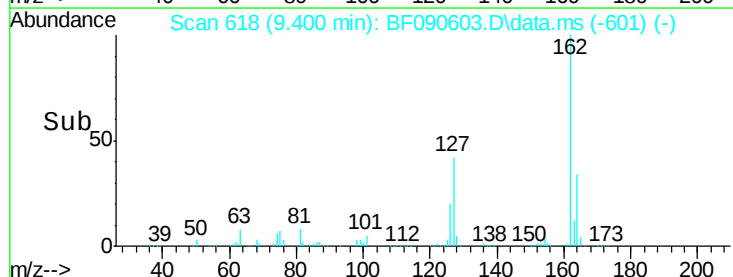
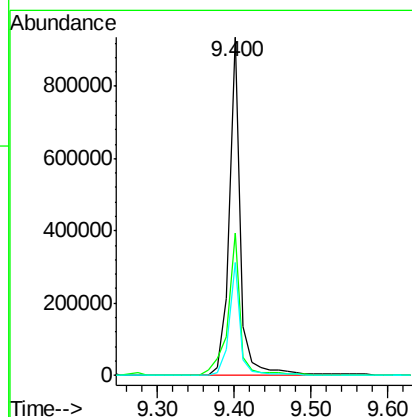
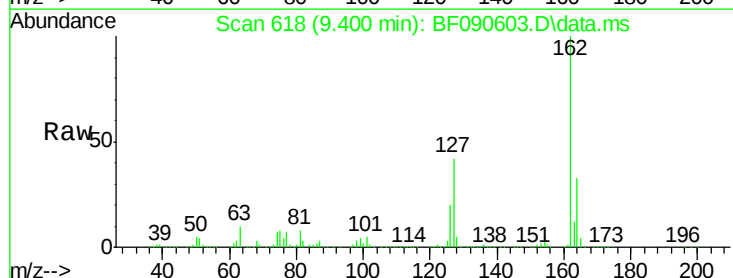
Tgt Ion:162 Resp: 980017

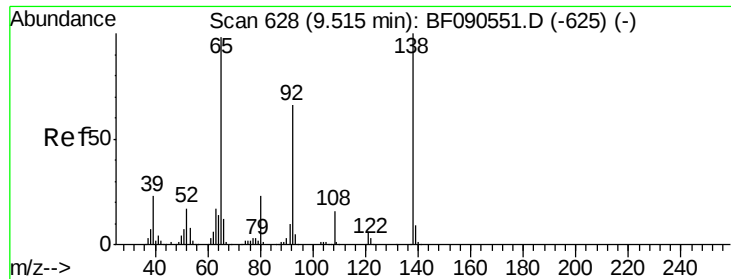
Ion Ratio Lower Upper

162 100

127 42.1 35.9 53.9

164 33.5 26.7 40.1

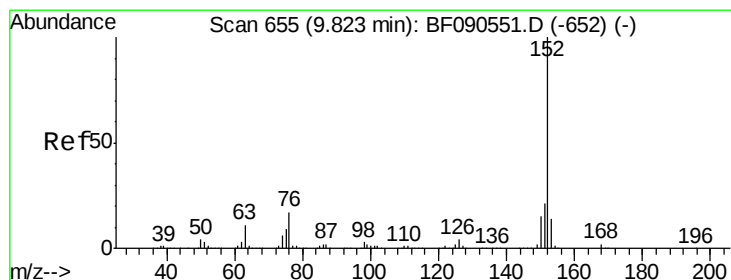
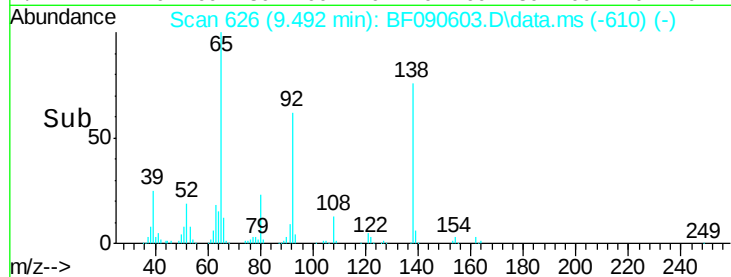
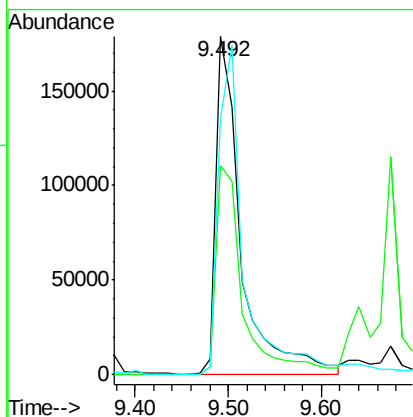
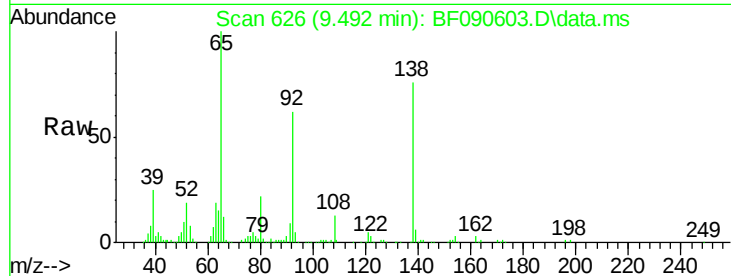




#47
2-Nitroaniline
Concen: 34.27 ng
RT: 9.492 min Scan# 62
Delta R.T. -0.022 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

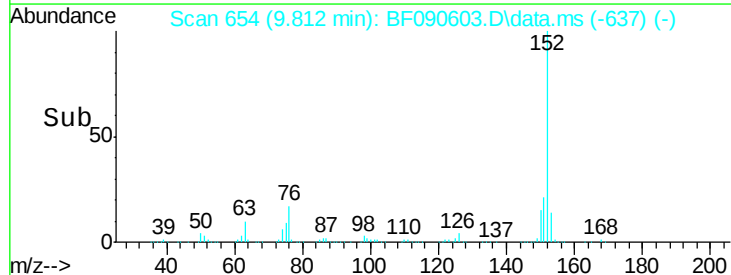
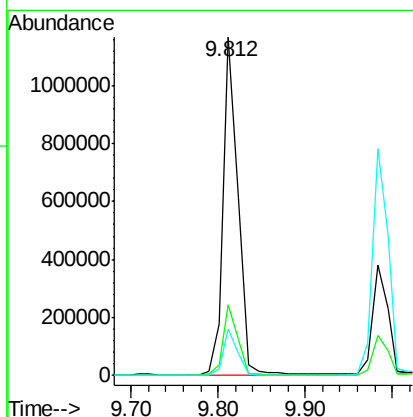
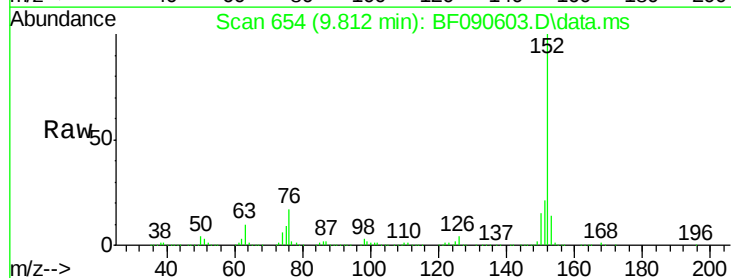
Instrument :
BNA_F
ClientSampleId :
PB94073BS

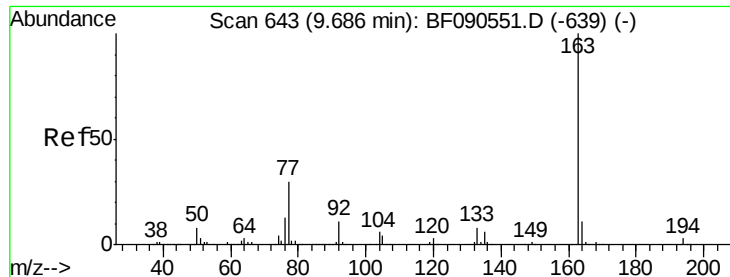
Tot Ion: 65 Resp: 332767
Ion Ratio Lower Upper
65 100
92 62.0 54.3 81.5
138 75.6 81.7 122.5#



#48
Acenaphthylene
Concen: 33.05 ng
RT: 9.812 min Scan# 654
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion: 152 Resp: 1409408
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 34.07 ng

RT: 9.675 min Scan# 64

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

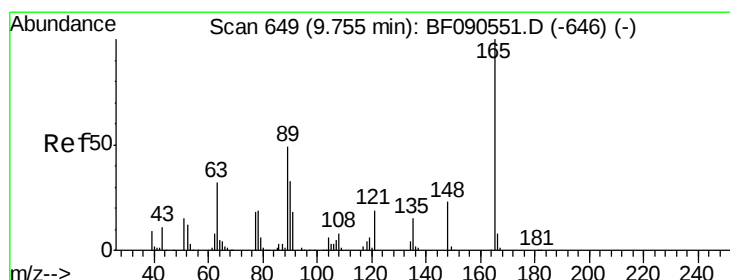
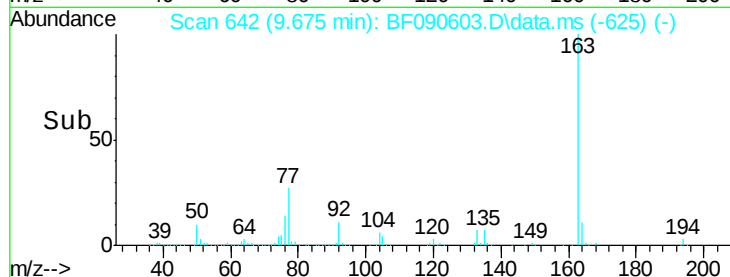
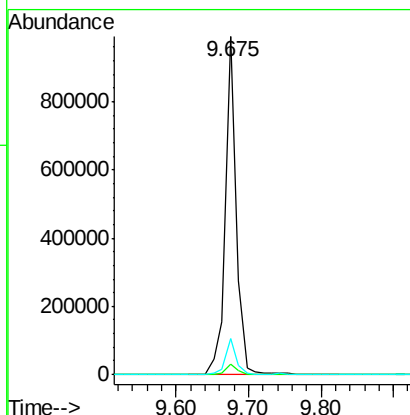
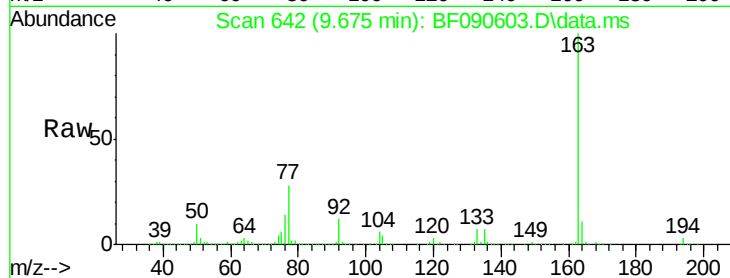
Tot Ion:163 Resp: 1043547

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

164 10.7 8.6 13.0



#50

2,6-Dinitrotoluene

Concen: 35.93 ng

RT: 9.743 min Scan# 648

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

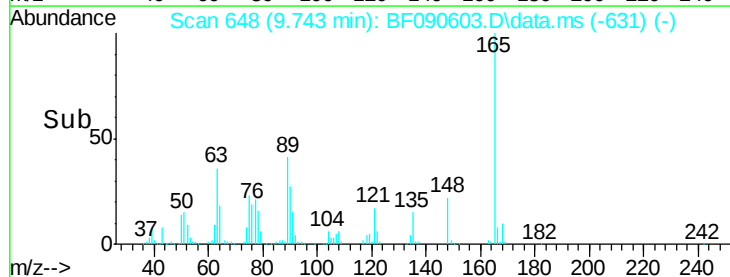
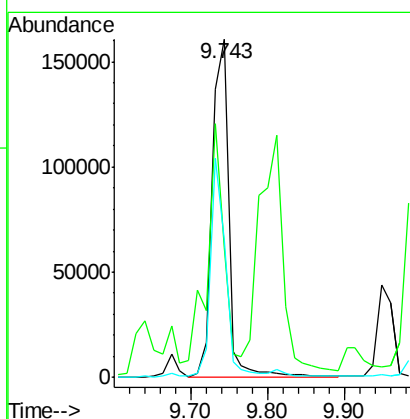
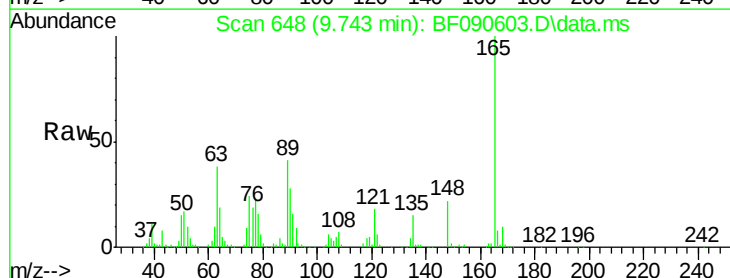
Tgt Ion:165 Resp: 240793

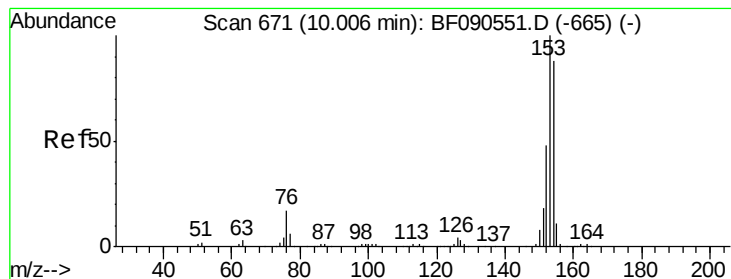
Ion Ratio Lower Upper

165 100

63 38.3 40.1 60.1#

89 40.7 39.5 59.3





#51

Acenaphthene

Concen: 35.31 ng

RT: 9.983 min Scan# 66

Delta R.T. -0.023 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

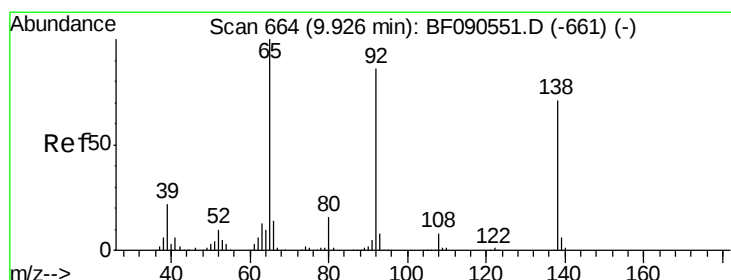
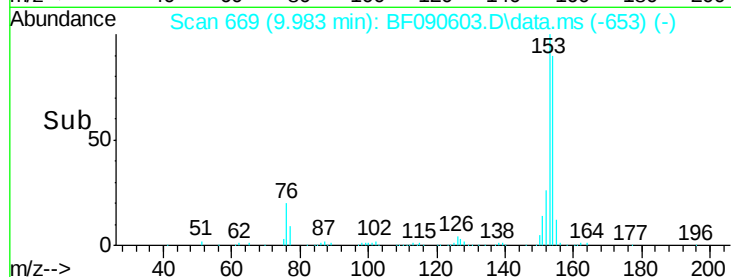
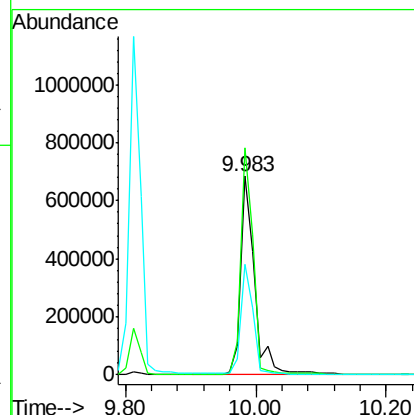
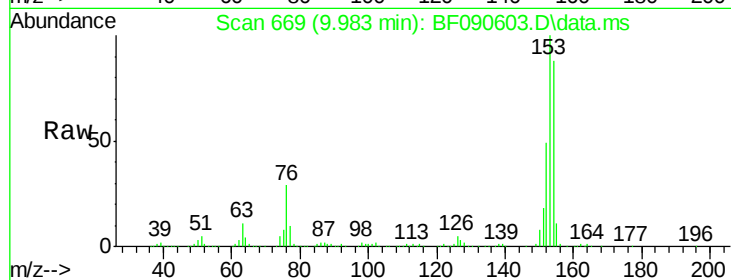
Tot Ion:154 Resp: 1001021

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

152 55.4 44.0 66.0



#52

3-Nitroaniline

Concen: 16.05 ng

RT: 9.915 min Scan# 663

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

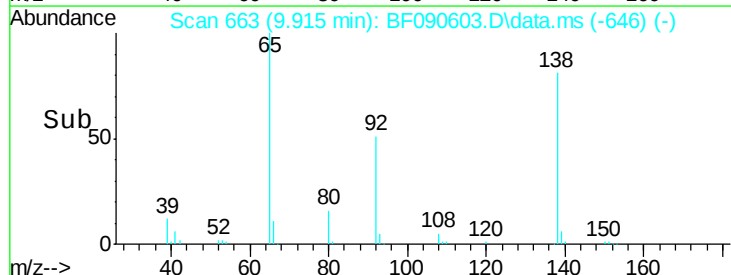
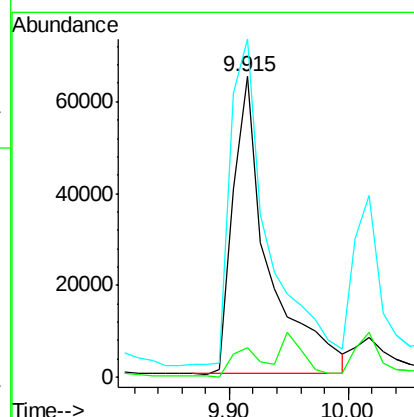
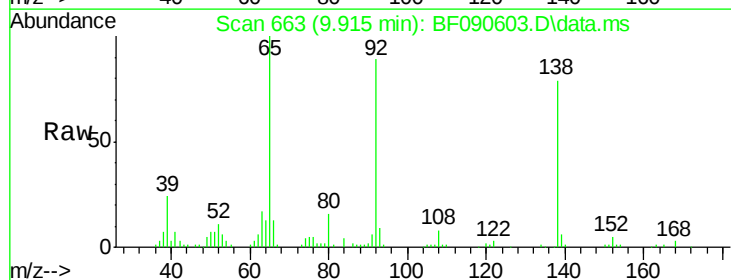
Tgt Ion:138 Resp: 134980

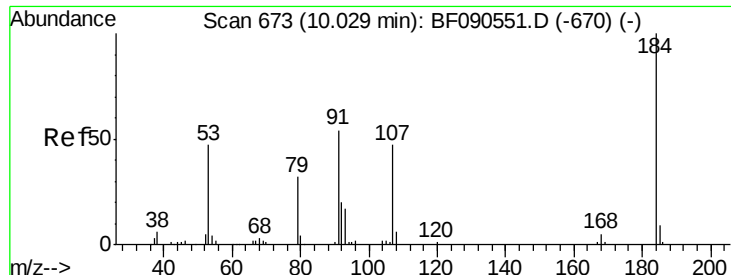
Ion Ratio Lower Upper

138 100

108 10.0 8.6 12.8

92 112.5 97.8 146.8

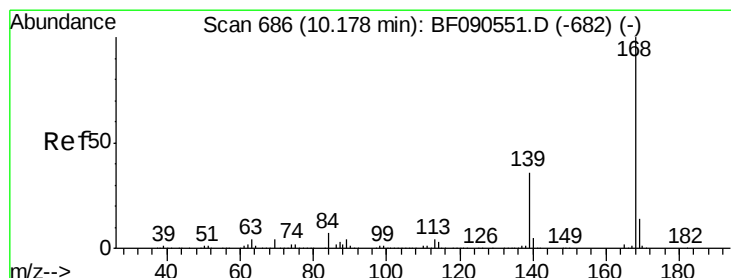
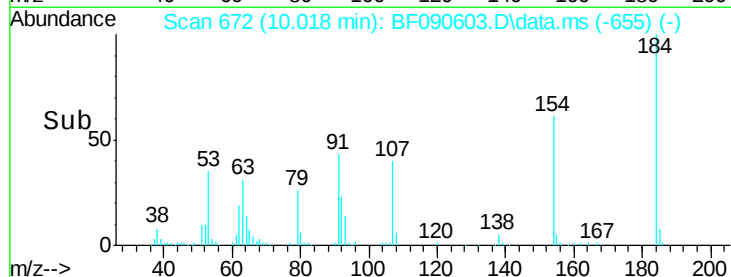
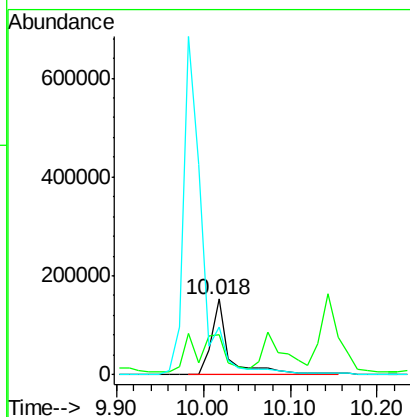
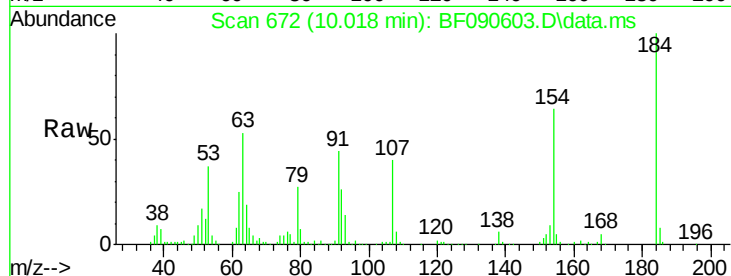




#53
2,4-Dinitrophenol
Concen: 60.70 ng
RT: 10.018 min Scan# 67
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

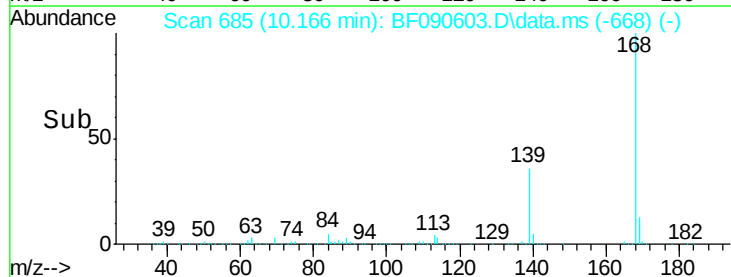
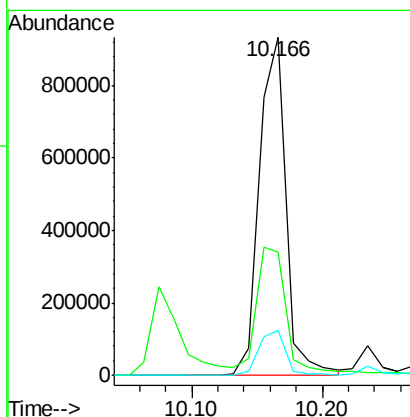
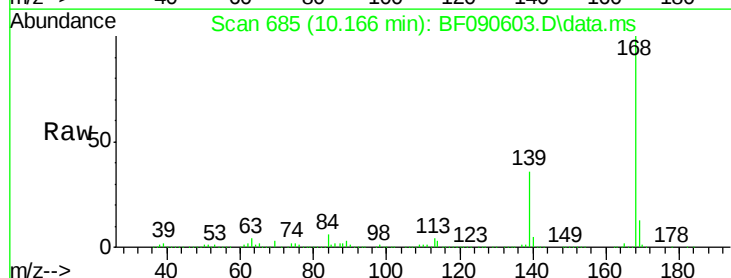
Instrument :
BNA_F
ClientSampleId :
PB94073BS

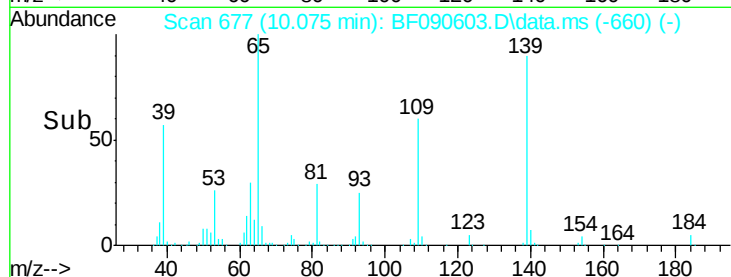
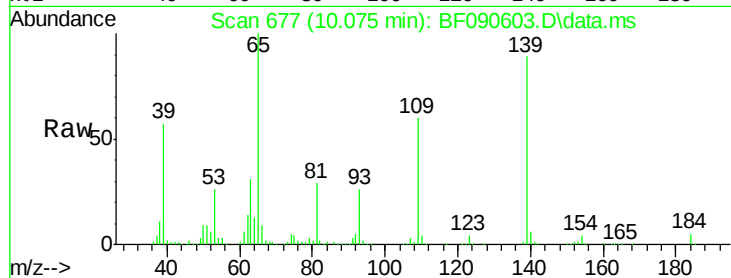
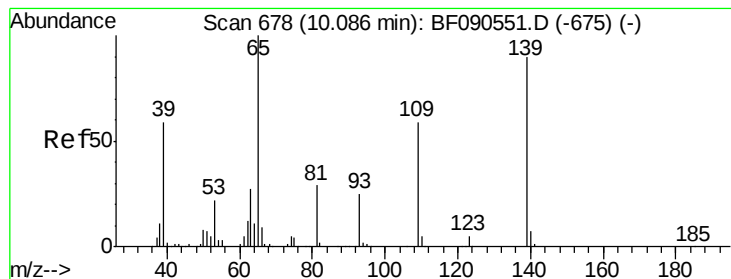
Tot Ion:184 Resp: 215464
Ion Ratio Lower Upper
184 100
63 53.3 60.2 90.2#
154 63.9 86.1 129.1#



#54
Dibenzofuran
Concen: 35.59 ng
RT: 10.166 min Scan# 685
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion:168 Resp: 1326994
Ion Ratio Lower Upper
168 100
139 36.3 30.5 45.7
169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 76.86 ng

RT: 10.075 min Scan# 67

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

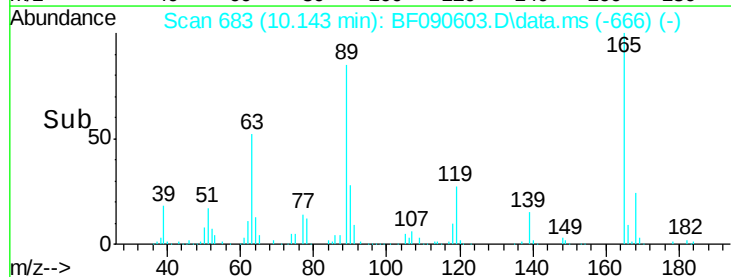
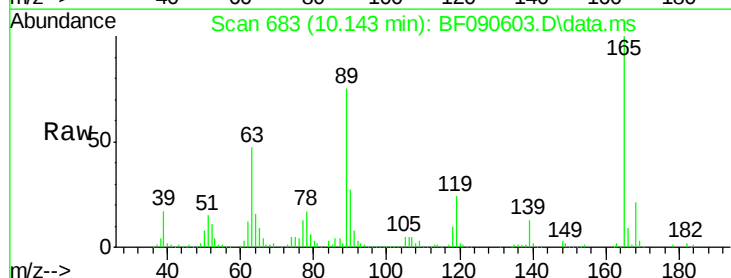
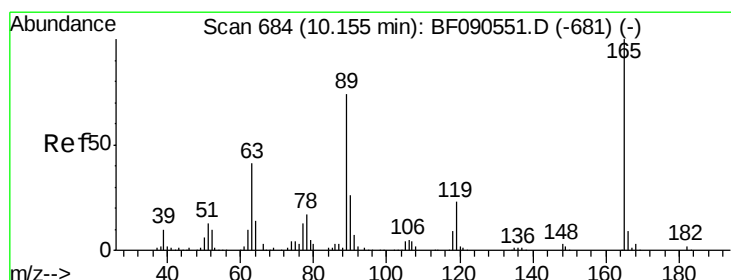
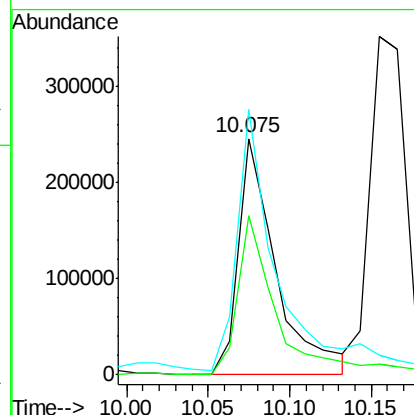
Tot Ion:139 Resp: 388951

Ion Ratio Lower Upper

139 100

109 67.0 45.9 85.9

65 112.4 95.8 135.8



#56

2,4-Dinitrotoluene

Concen: 39.21 ng

RT: 10.143 min Scan# 683

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Tgt Ion:165 Resp: 356934

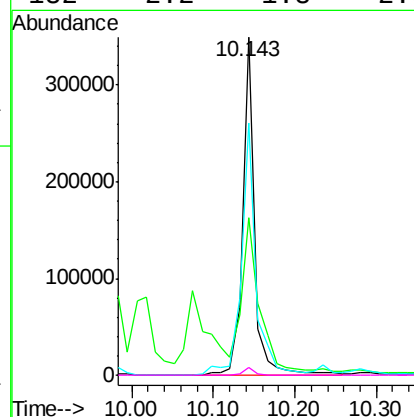
Ion Ratio Lower Upper

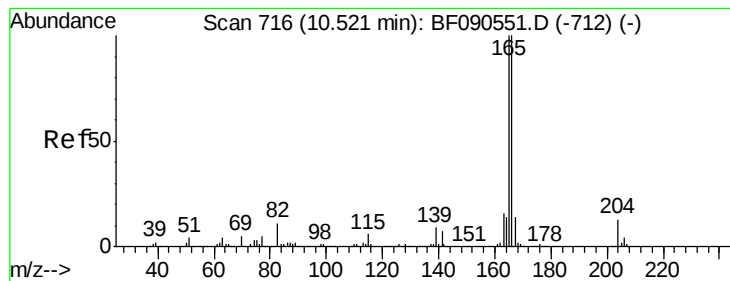
165 100

63 46.6 35.4 53.0

89 74.5 59.0 88.4

182 2.2 1.8 2.6





#57

Fluorene

Concen: 35.06 ng

RT: 10.509 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

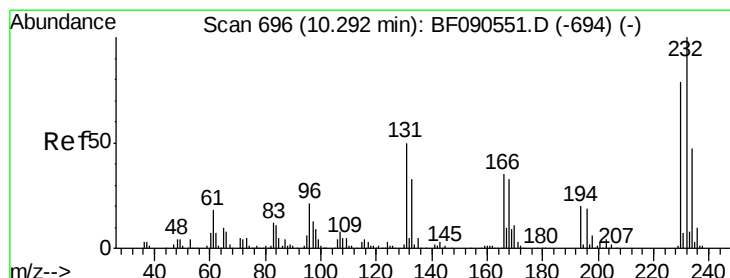
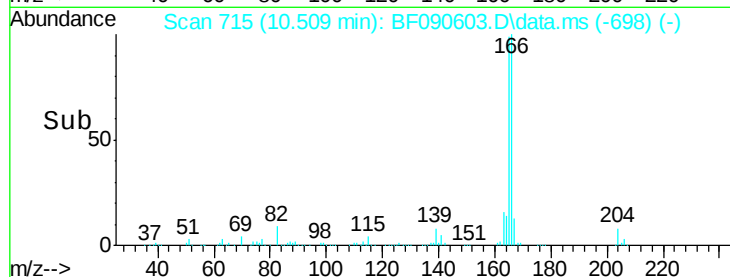
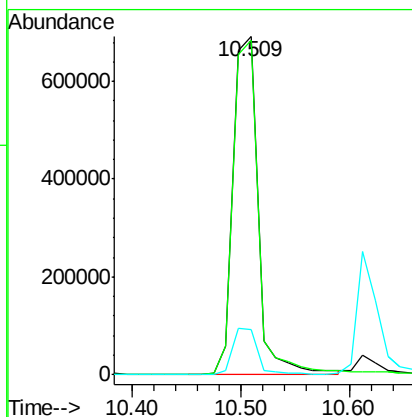
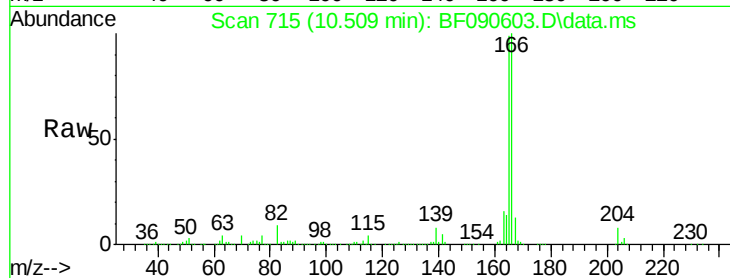
Tot Ion:166 Resp: 1078196

Ion Ratio Lower Upper

166 100

165 98.7 79.9 119.9

167 13.3 10.9 16.3



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.98 ng

RT: 10.281 min Scan# 695

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Tgt Ion:232 Resp: 266407

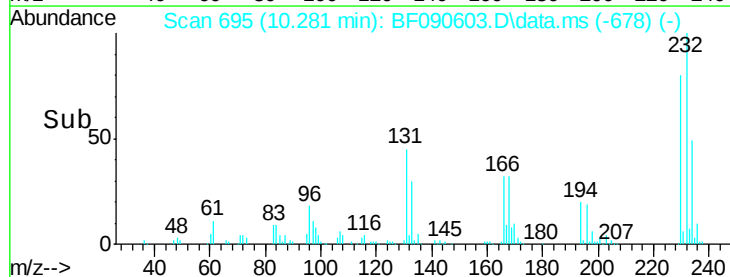
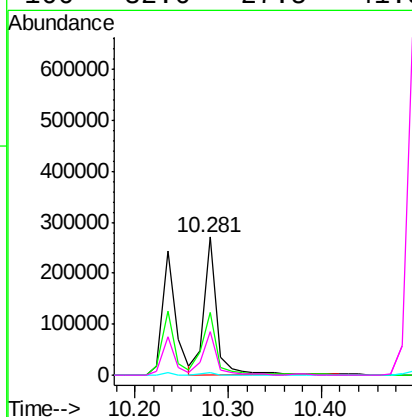
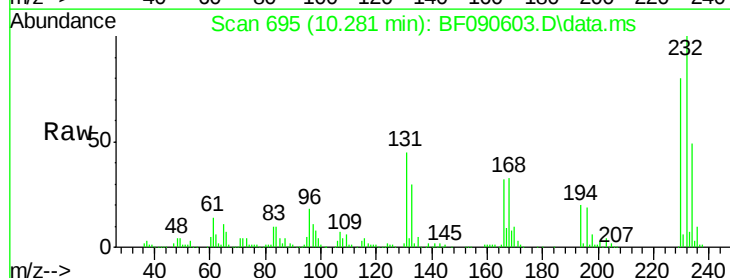
Ion Ratio Lower Upper

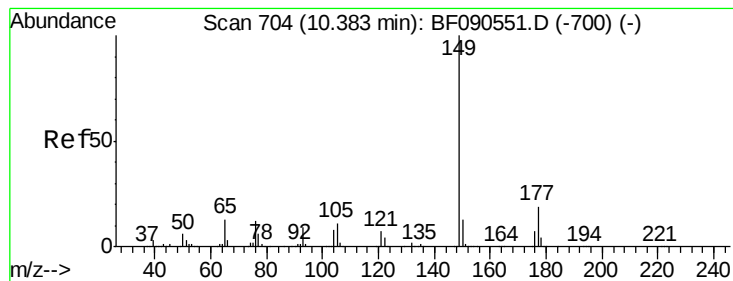
232 100

131 48.7 42.6 64.0

130 2.3 1.8 2.8

166 32.6 27.5 41.3





#59

Diethylphthalate

Concen: 37.69 ng

RT: 10.383 min Scan# 704

Delta R.T. 0.000 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

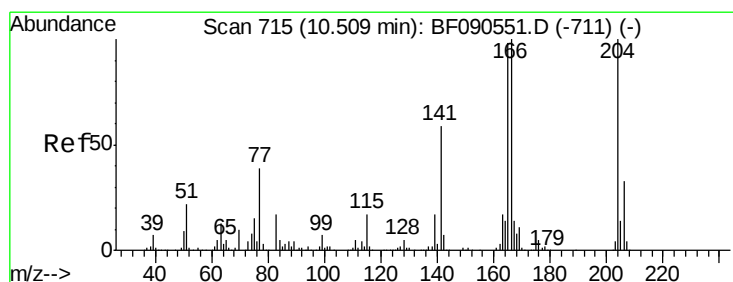
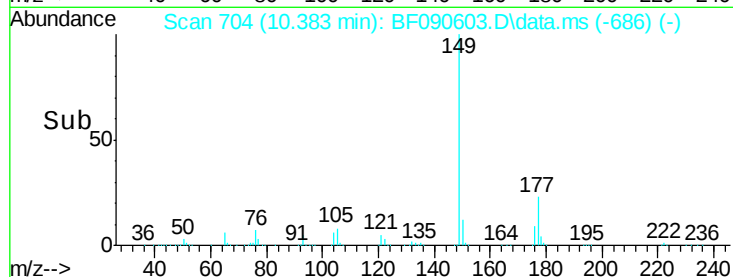
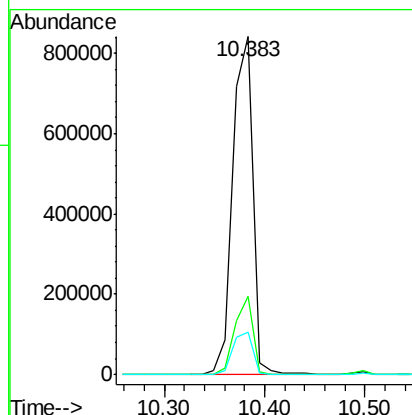
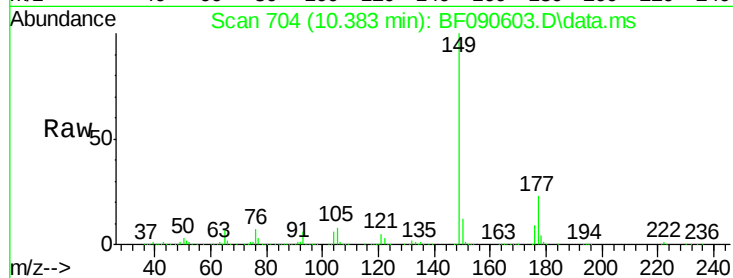
Tot Ion:149 Resp: 1170601

Ion Ratio Lower Upper

149 100

177 23.3 15.3 22.9#

150 12.4 10.3 15.5



#60

4-Chlorophenyl-phenylether

Concen: 36.97 ng

RT: 10.498 min Scan# 714

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

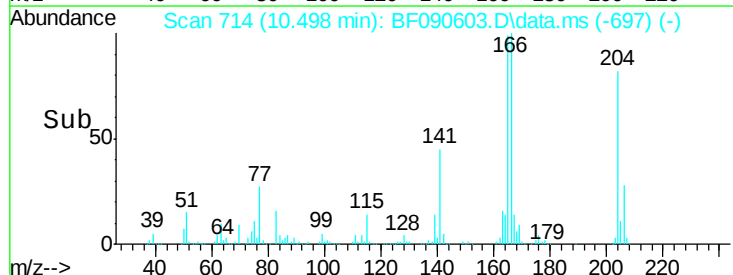
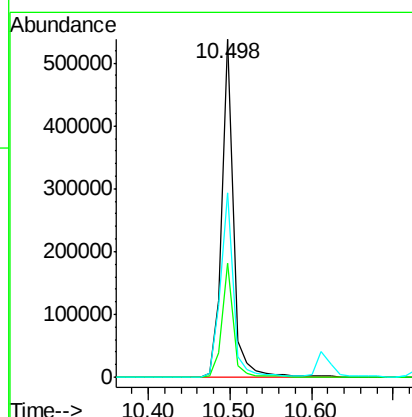
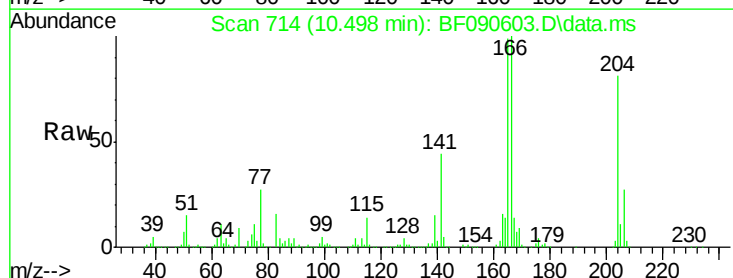
Tgt Ion:204 Resp: 536075

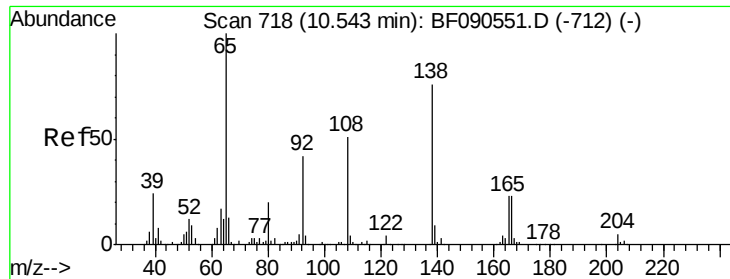
Ion Ratio Lower Upper

204 100

206 33.7 26.5 39.7

141 54.6 47.2 70.8

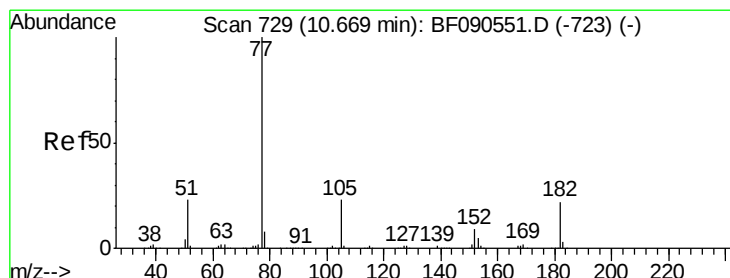
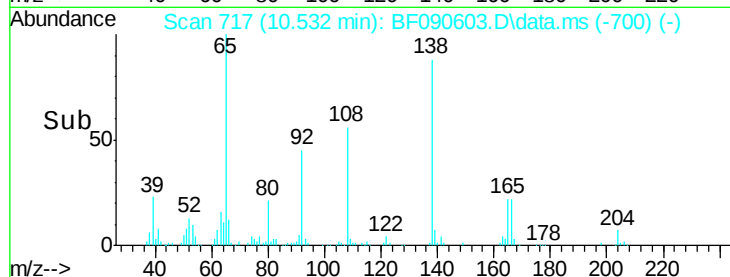
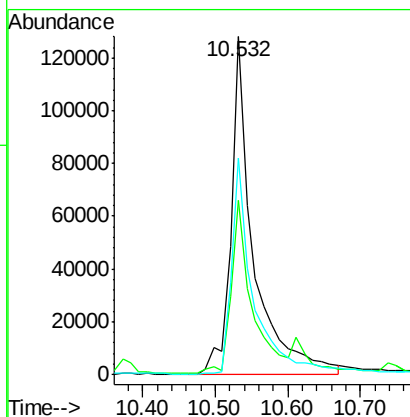
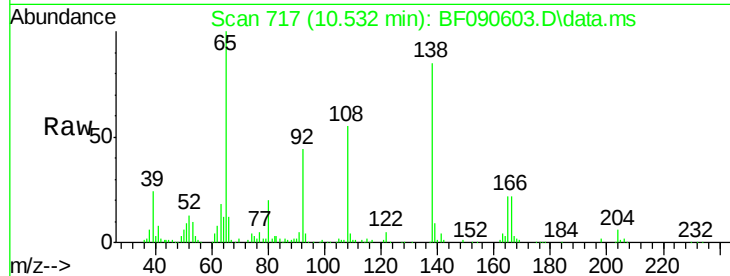




#61
4-Nitroaniline
Concen: 32.46 ng
RT: 10.532 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

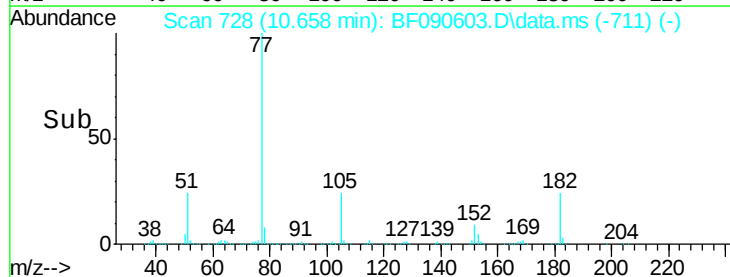
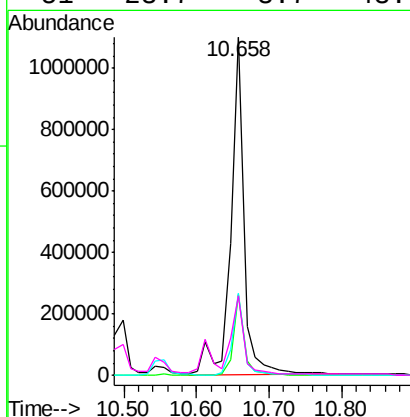
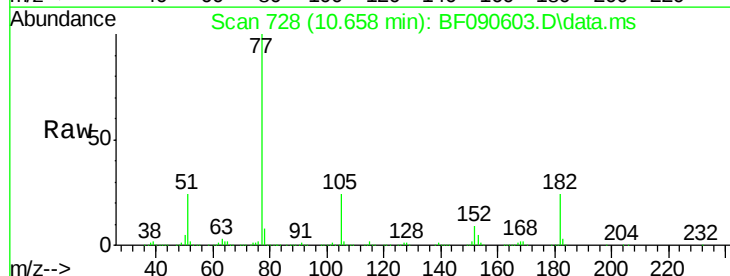
Instrument :
BNA_F
ClientSampleId :
PB94073BS

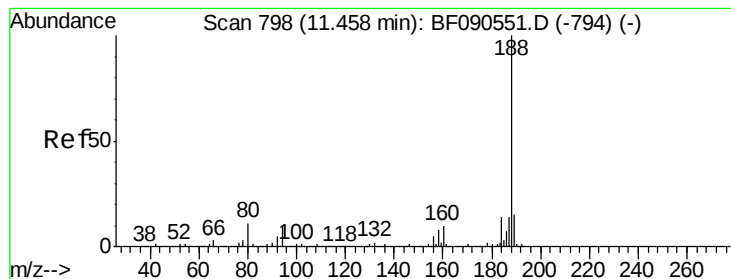
Tot Ion:138 Resp: 273702
Ion Ratio Lower Upper
138 100
92 51.6 35.7 75.7
108 63.9 46.9 86.9



#62
Azobenzene
Concen: 38.75 ng
RT: 10.658 min Scan# 728
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion: 77 Resp: 1392205
Ion Ratio Lower Upper
77 100
182 23.9 2.2 42.2
105 24.2 3.5 43.5
51 23.7 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: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

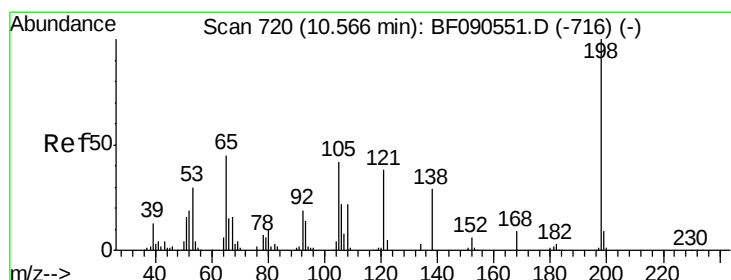
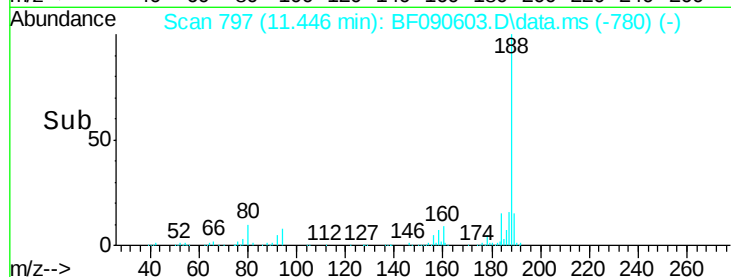
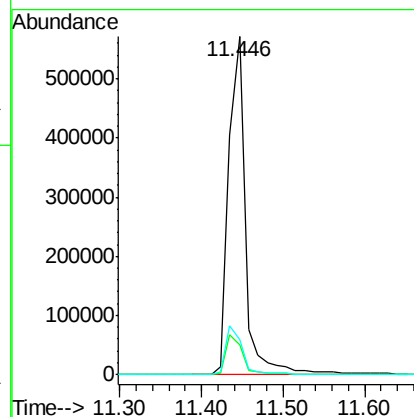
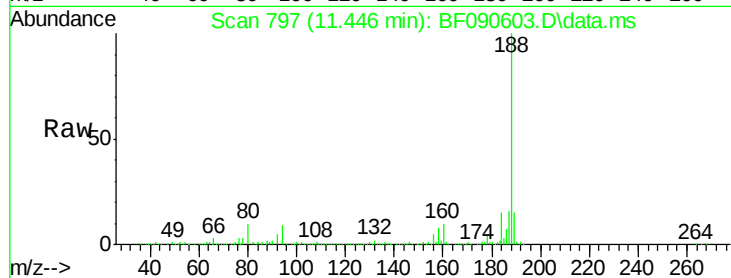
Tot Ion:188 Resp: 808541

Ion Ratio Lower Upper

188 100

94 8.9 7.7 11.5

80 10.2 8.6 12.8



#64

4,6-Dinitro-2-methylphenol

Concen: 32.03 ng

RT: 10.555 min Scan# 719

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

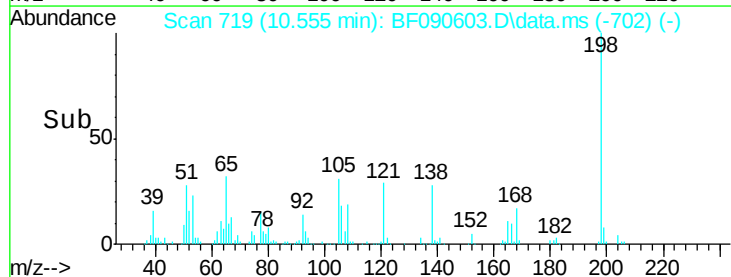
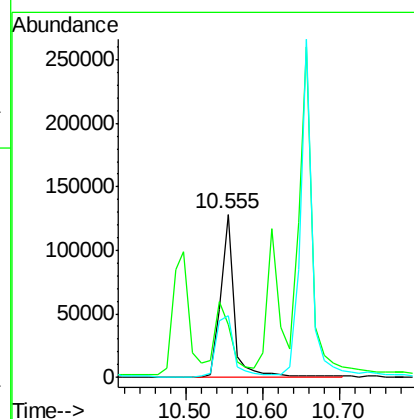
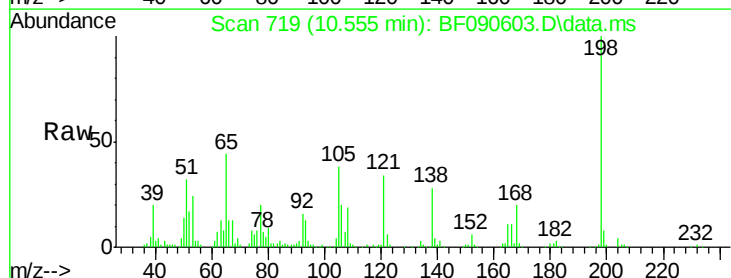
Tgt Ion:198 Resp: 156727

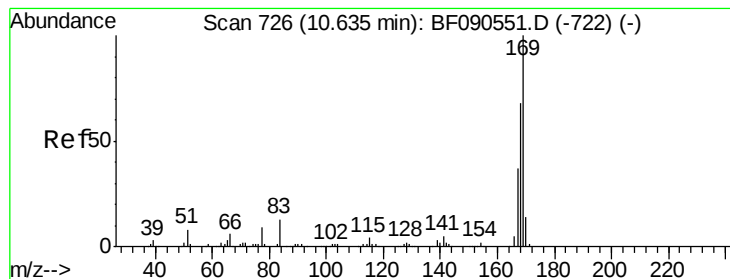
Ion Ratio Lower Upper

198 100

51 32.3 19.7 59.7

105 38.1 22.6 62.6





#65

n-Nitrosodiphenylamine

Concen: 34.13 ng

RT: 10.612 min Scan# 72

Delta R.T. -0.023 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

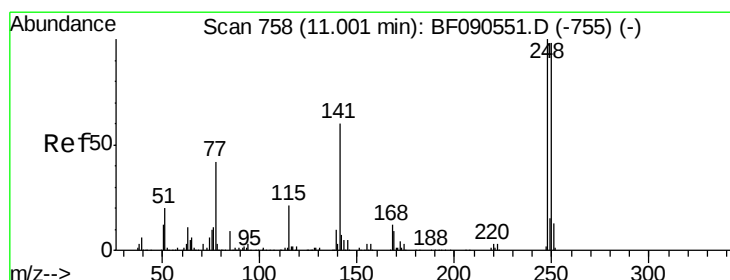
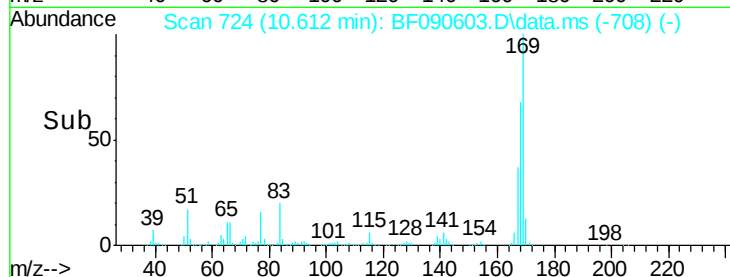
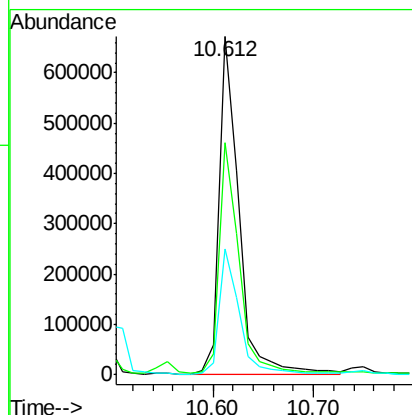
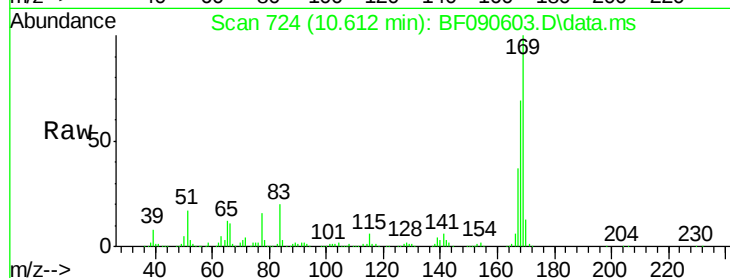
Tot Ion:169 Resp: 911570

Ion Ratio Lower Upper

169 100

168 68.7 54.6 81.8

167 37.3 29.8 44.8



#66

4-Bromophenyl-phenylether

Concen: 34.49 ng

RT: 10.989 min Scan# 757

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

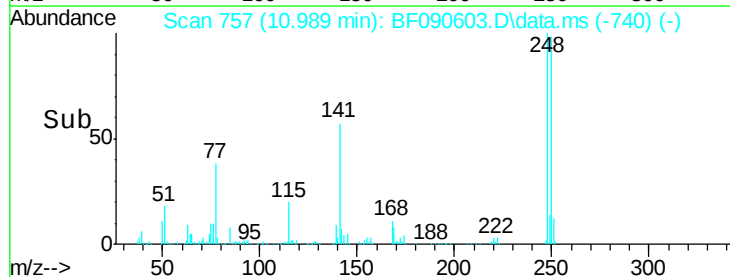
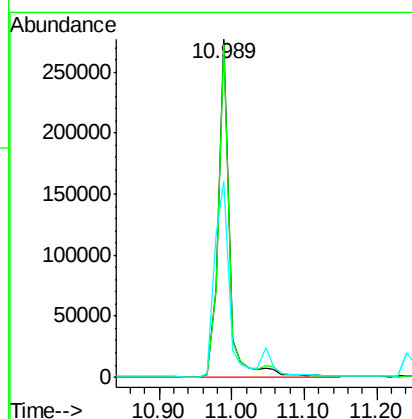
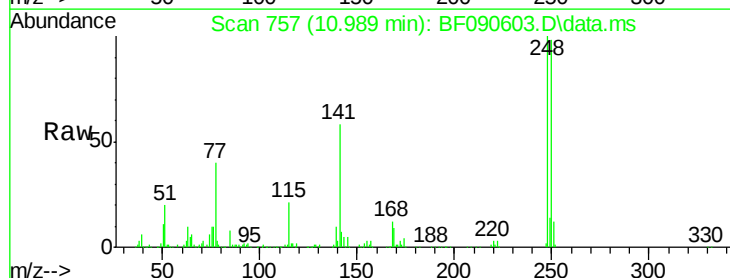
Tgt Ion:248 Resp: 299203

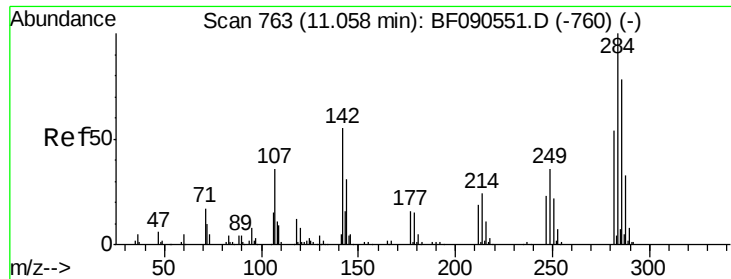
Ion Ratio Lower Upper

248 100

250 98.5 78.4 117.6

141 58.0 48.4 72.6

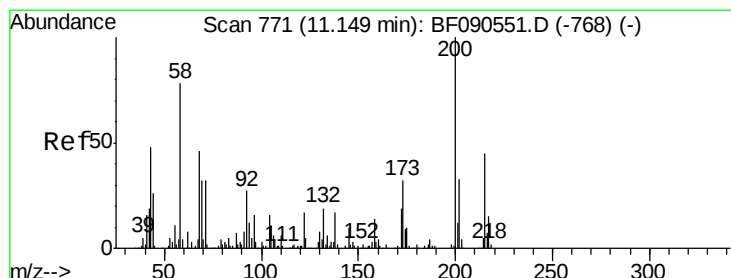
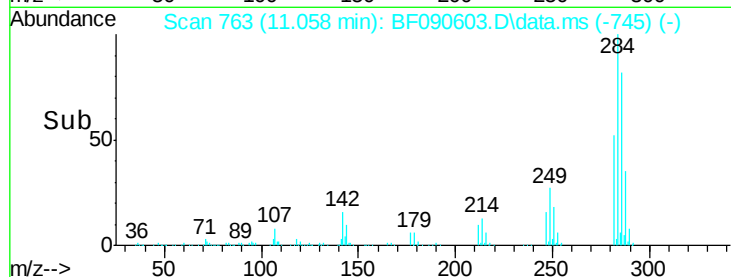
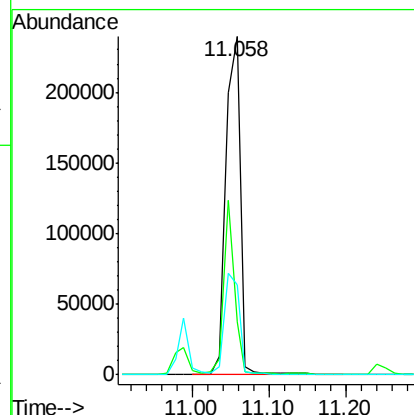
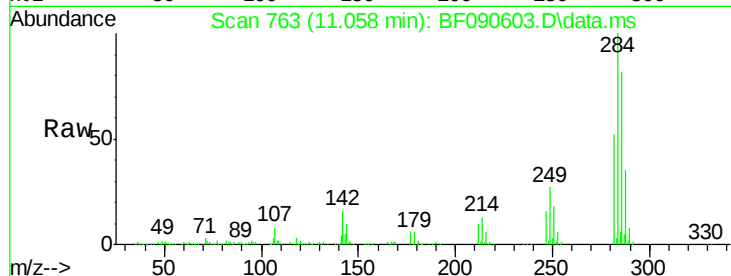




#67
Hexachlorobenzene
Concen: 33.98 ng
RT: 11.058 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

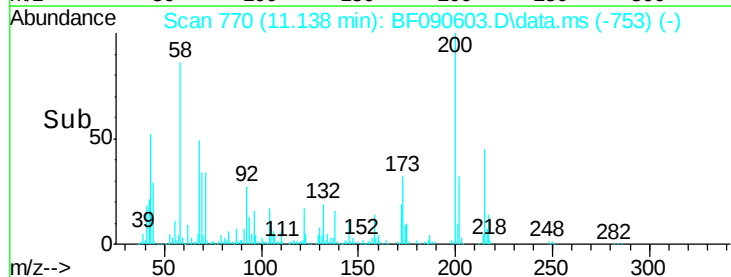
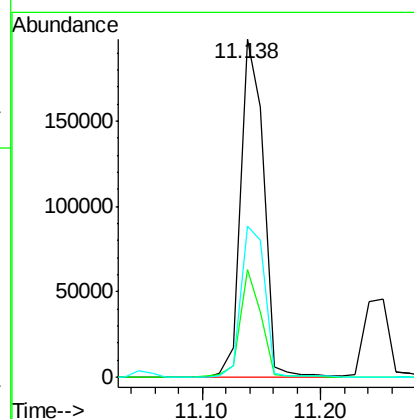
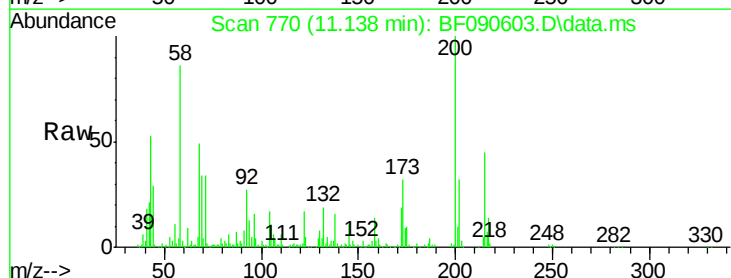
Instrument :
BNA_F
ClientSampleId :
PB94073BS

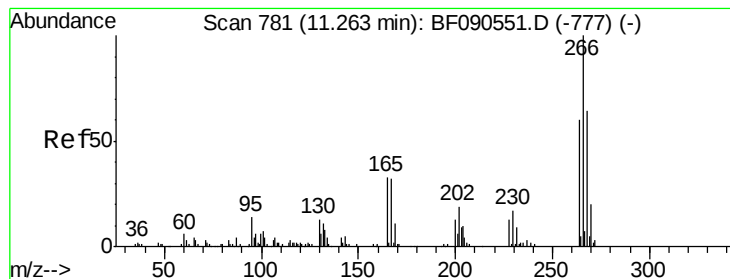
Tot Ion	Ratio	Lower	Upper
284	100		
142	15.7	44.5	66.7#
249	26.6	29.6	44.4#



#68
Atrazine
Concen: 36.20 ng
RT: 11.138 min Scan# 770
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
200	100		
173	32.0	12.0	52.0
215	44.7	25.2	65.2





#69

Pentachlorophenol

Concen: 78.93 ng

RT: 11.252 min Scan# 781

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

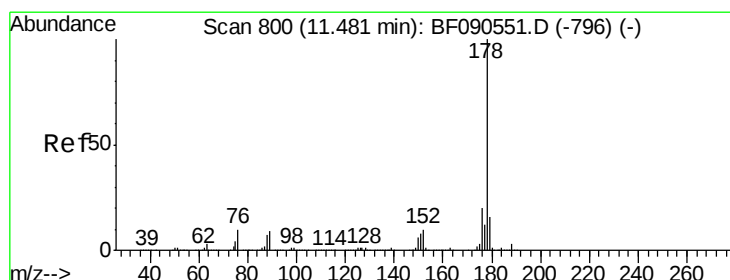
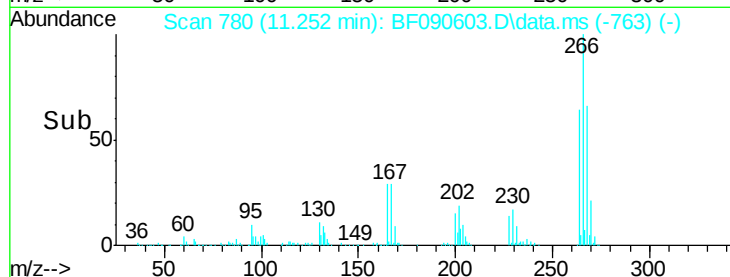
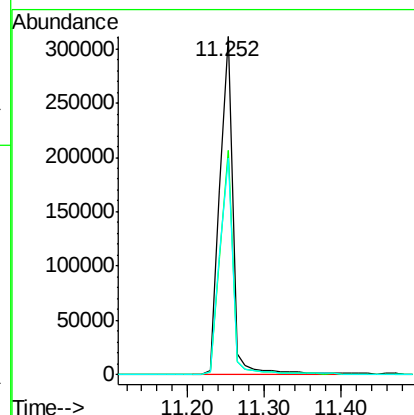
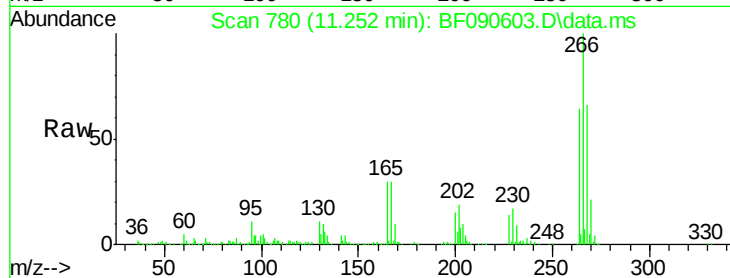
Tot Ion:266 Resp: 368490

Ion Ratio Lower Upper

266 100

268 66.2 51.5 77.3

264 64.2 47.9 71.9



#70

Phenanthrene

Concen: 36.02 ng

RT: 11.469 min Scan# 799

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

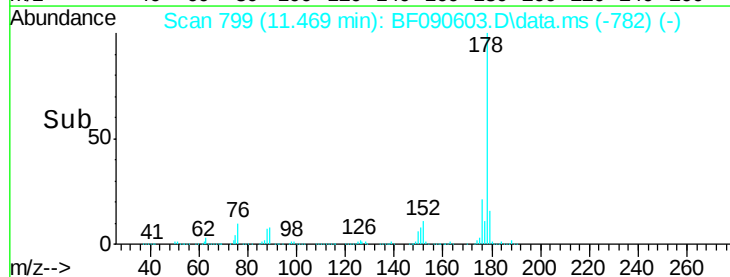
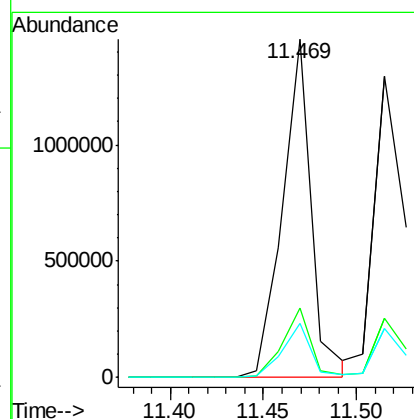
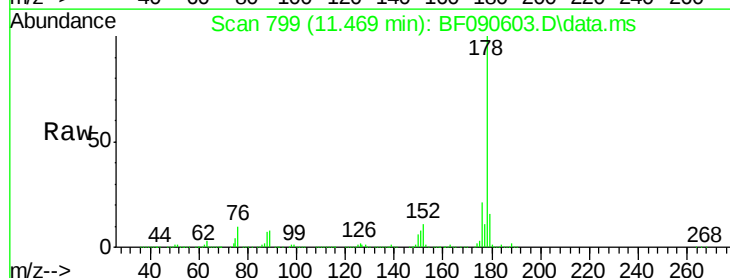
Tgt Ion:178 Resp: 1554523

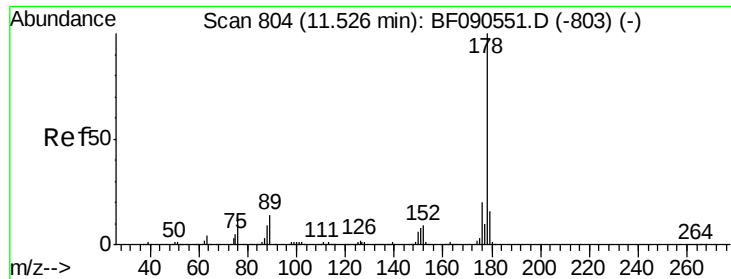
Ion Ratio Lower Upper

178 100

176 20.6 16.1 24.1

179 16.1 12.6 19.0

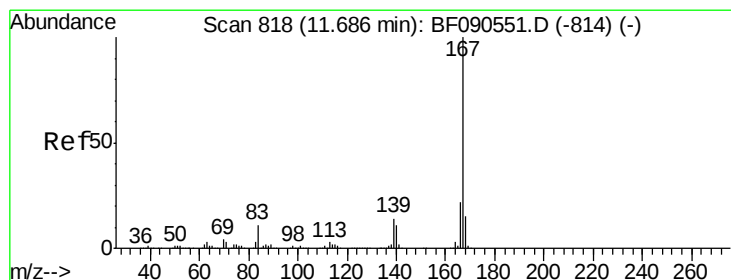
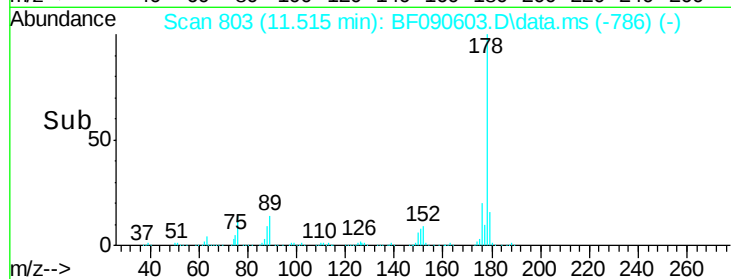
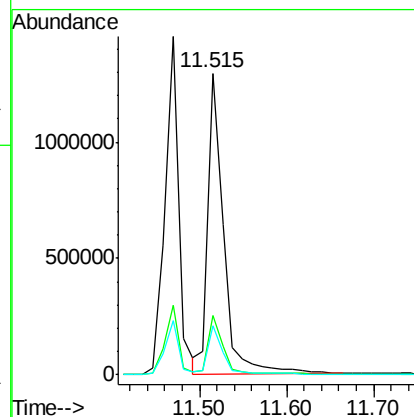
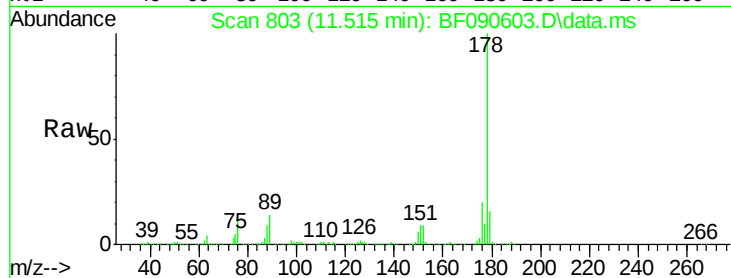




#71
 Anthracene
 Concen: 34.98 ng
 RT: 11.515 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

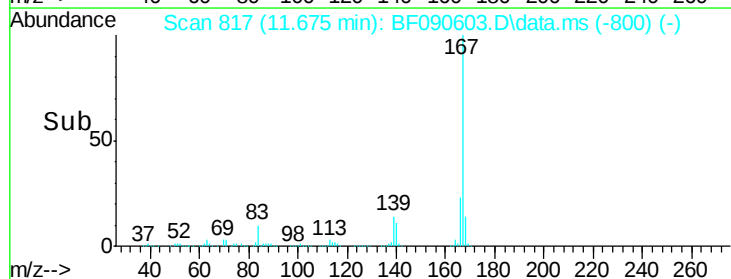
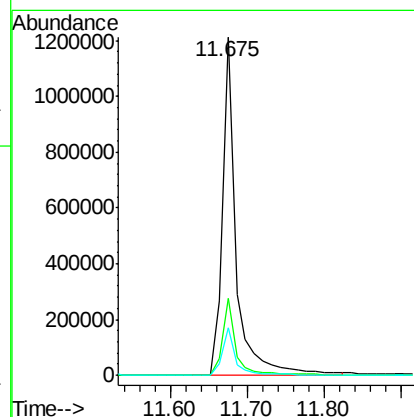
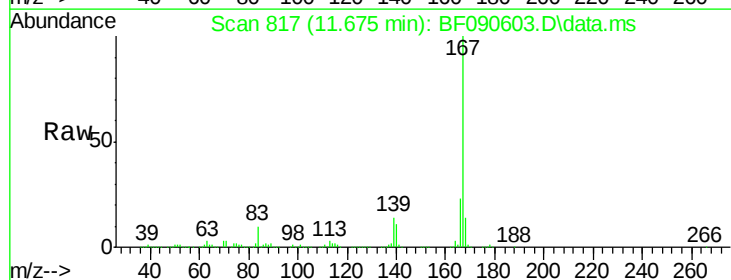
Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

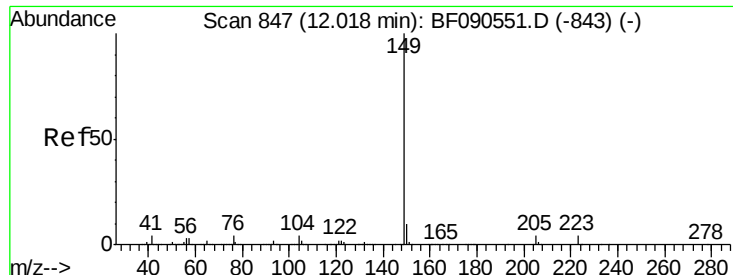
Tot Ion:178 Resp: 1624715
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 16.3 13.0 19.4



#72
 Carbazole
 Concen: 36.31 ng
 RT: 11.675 min Scan# 817
 Delta R.T. -0.011 min
 Lab File: BF090603.D
 Acq: 17 Oct 2016 12:33

Tgt Ion:167 Resp: 1509762
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.8
 139 14.1 11.3 16.9





#73

Di-n-butylphthalate

Concen: 38.66 ng

RT: 12.006 min Scan# 84

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

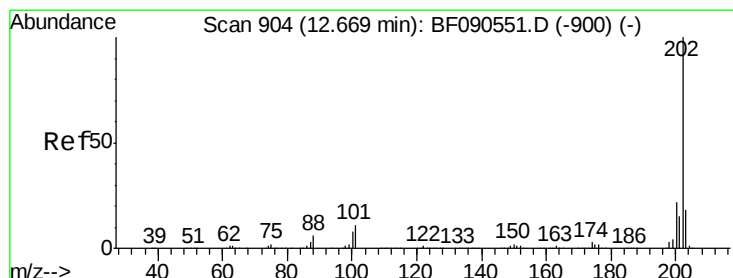
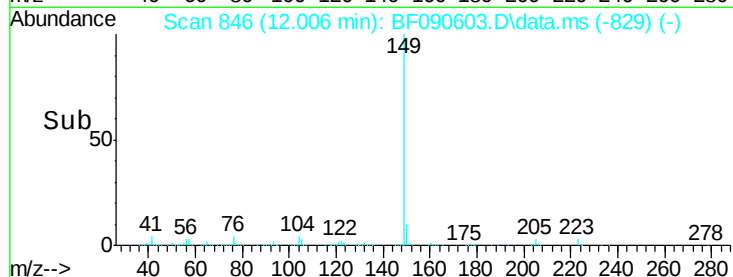
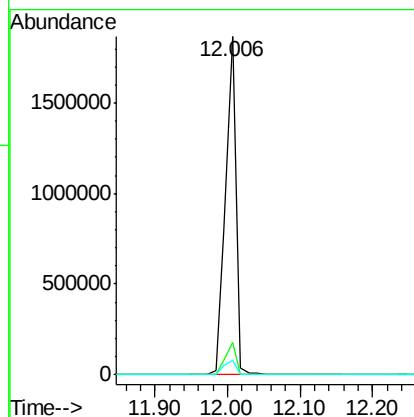
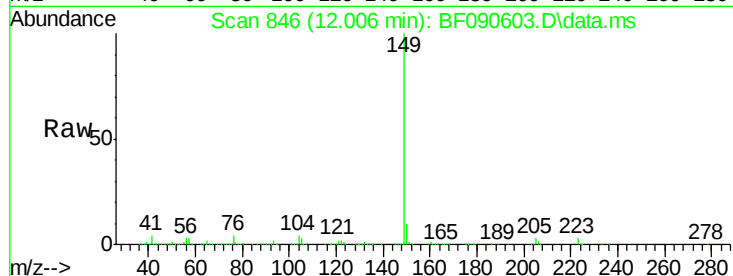
Tot Ion:149 Resp: 1883075

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

104 4.4 3.3 4.9



#74

Fluoranthene

Concen: 38.66 ng

RT: 12.658 min Scan# 903

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

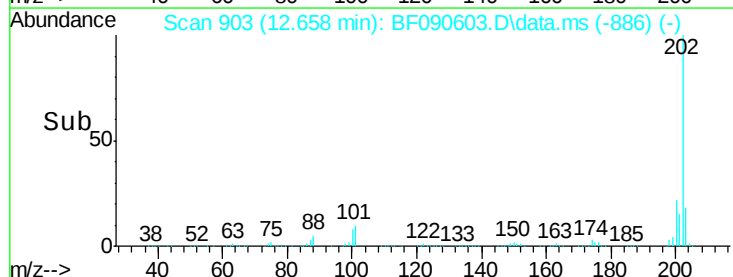
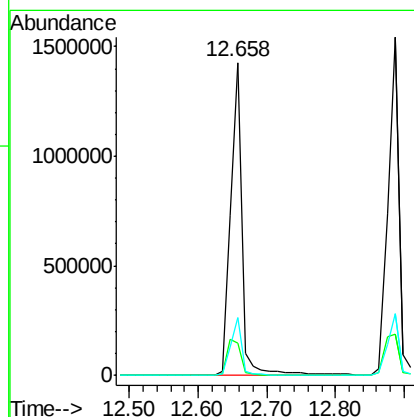
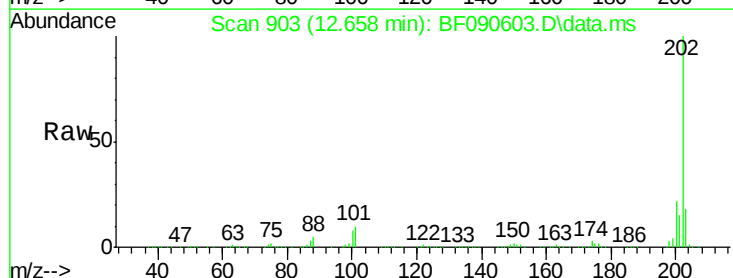
Tgt Ion:202 Resp: 1678444

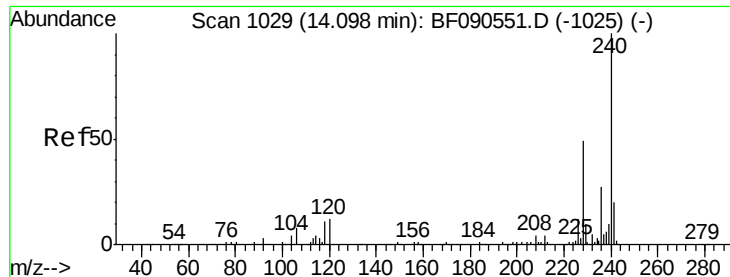
Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.1

203 18.3 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: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

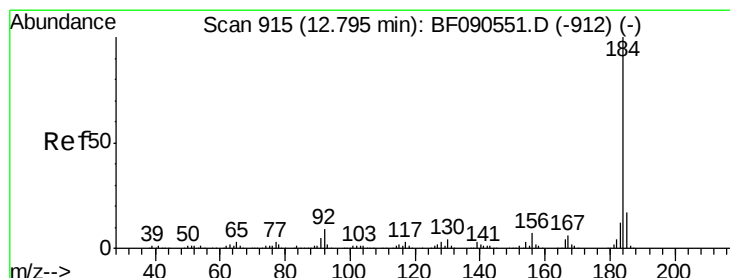
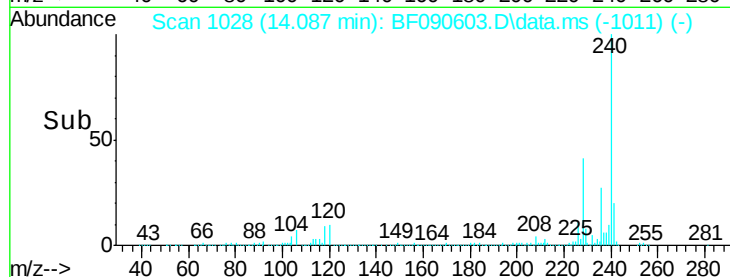
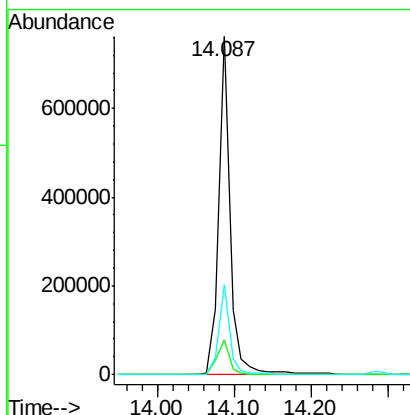
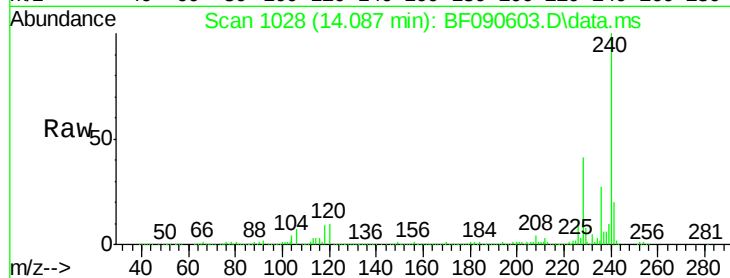
Tot Ion:240 Resp: 790811

Ion Ratio Lower Upper

240 100

120 10.1 9.8 14.8

236 26.6 21.7 32.5



#76

Benzidine

Concen: 22.88 ng

RT: 12.784 min Scan# 914

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

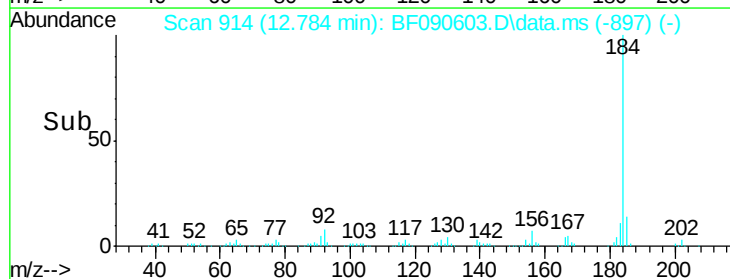
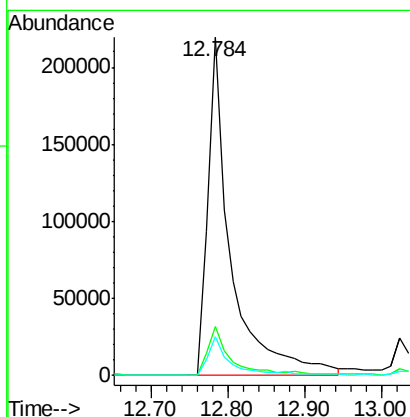
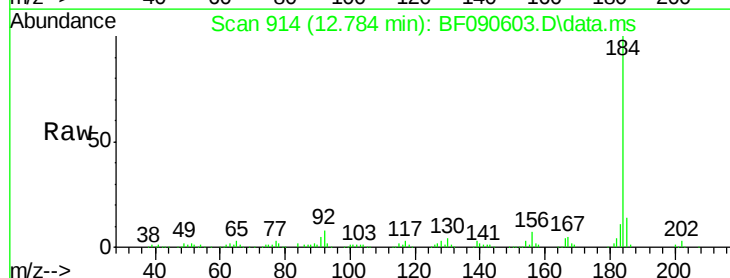
Tgt Ion:184 Resp: 450198

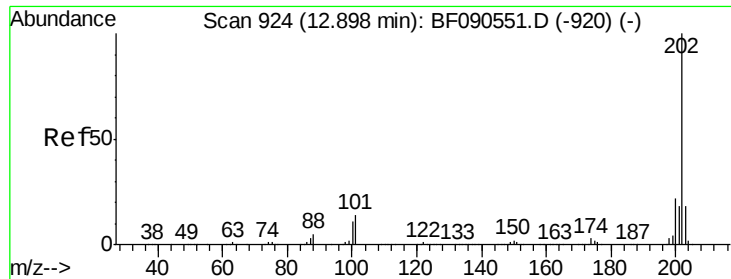
Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

183 11.4 9.4 14.0

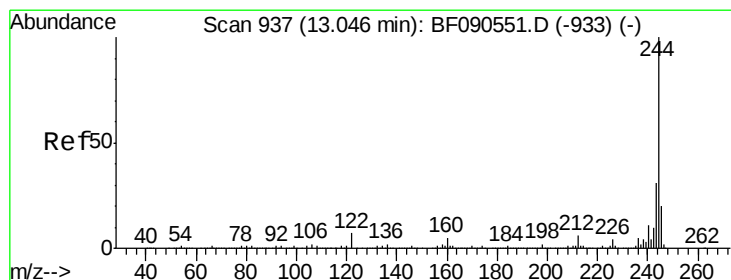
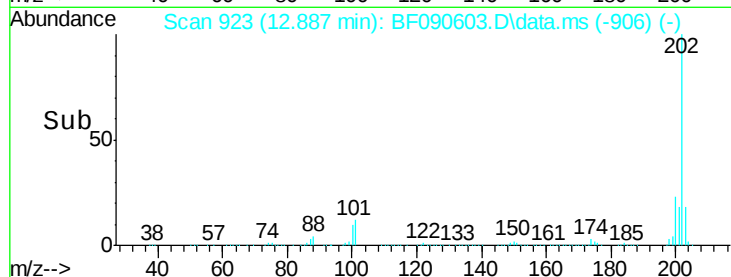
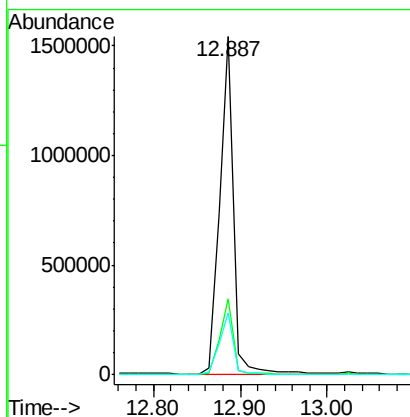
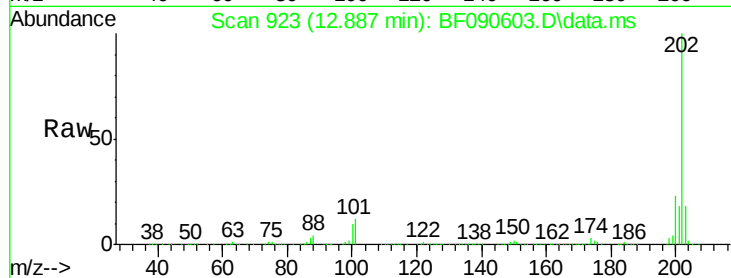




#77
Pvrene
Concen: 32.76 ng
RT: 12.887 min Scan# 92
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

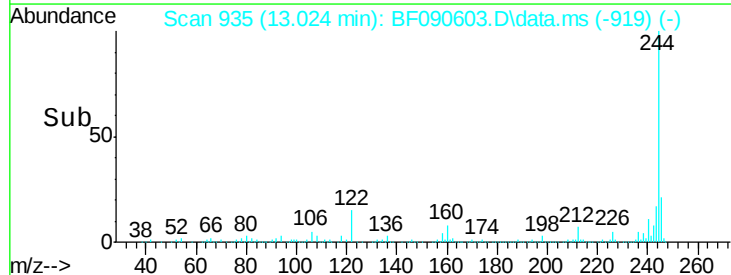
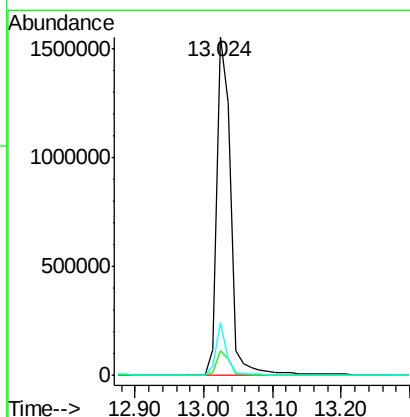
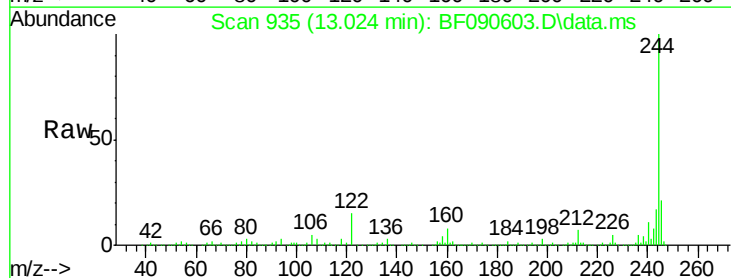
Instrument :
BNA_F
ClientSampleId :
PB94073BS

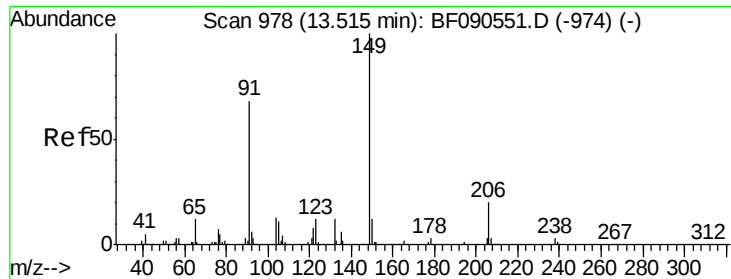
Tot Ion:202 Resp: 1715843
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 18.2 14.6 21.8



#78
Terphenyl-d14
Concen: 65.55 ng
RT: 13.024 min Scan# 935
Delta R.T. -0.023 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion:244 Resp: 2226223
Ion Ratio Lower Upper
244 100
212 7.4 5.0 7.4
122 15.5 5.6 8.4#

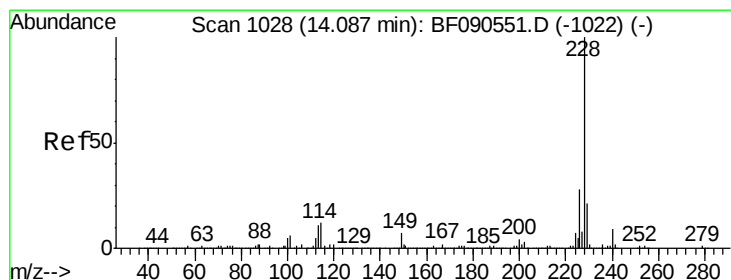
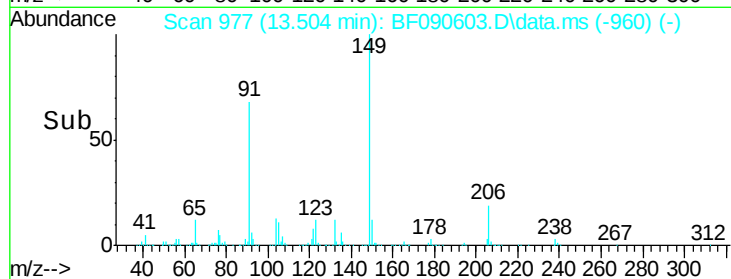
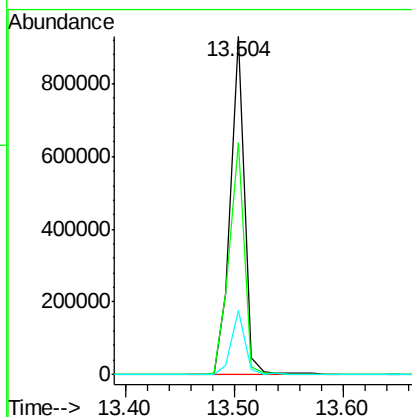
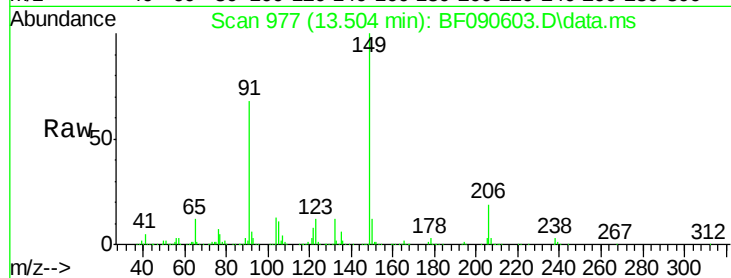




#79
Butylbenzylphthalate
Concen: 36.20 ng
RT: 13.504 min Scan# 97
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

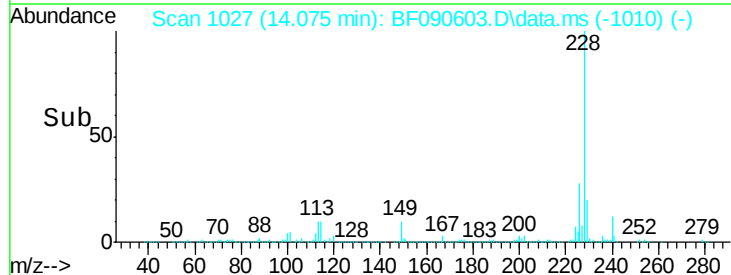
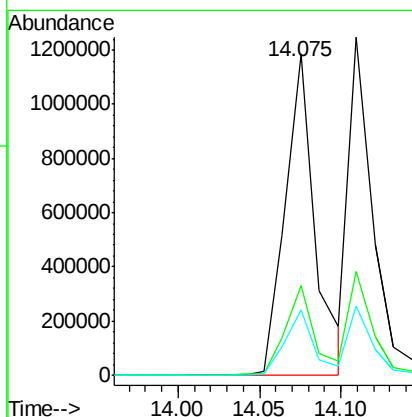
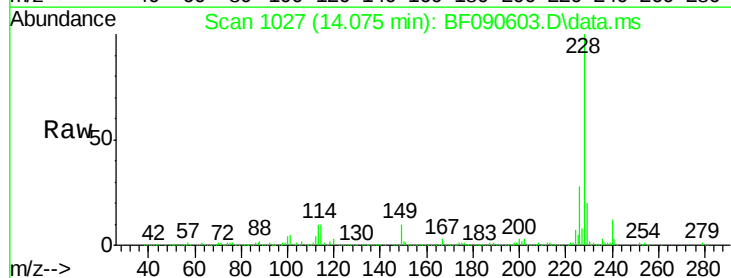
Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.4	54.3	81.5
206	19.1	15.8	23.6



#80
Benzo(a)anthracene
Concen: 33.65 ng
RT: 14.075 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.8	34.2
229	20.4	16.6	25.0





#81

3,3'-Dichlorobenzidine

Concen: 19.27 ng

RT: 14.041 min Scan# 1025

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

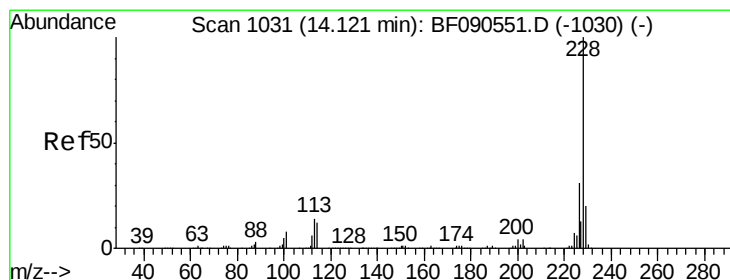
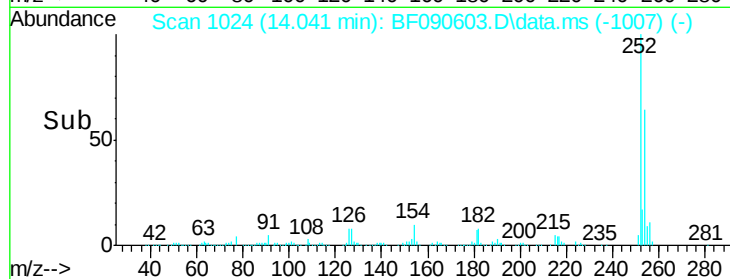
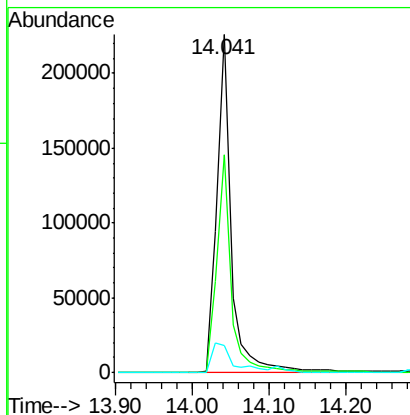
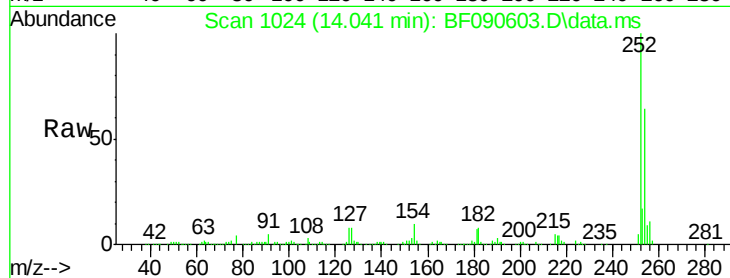
Tot Ion:252 Resp: 296434

Ion Ratio Lower Upper

252 100

254 64.4 52.1 78.1

126 8.1 9.3 13.9#



#82

Chrysene

Concen: 31.45 ng

RT: 14.110 min Scan# 1030

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

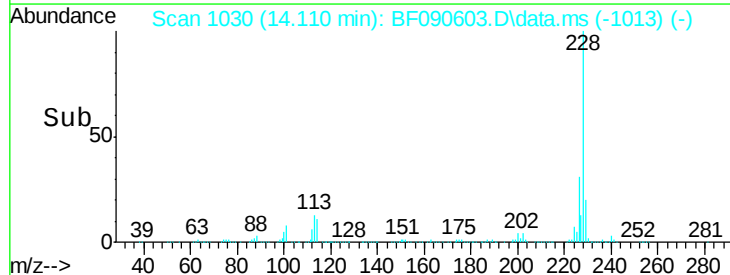
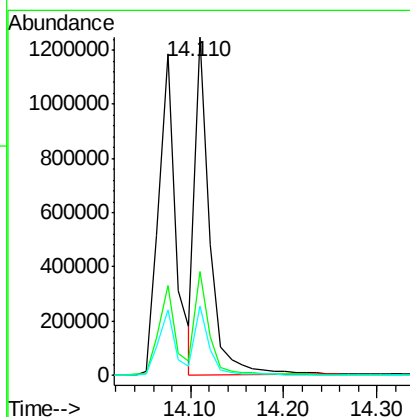
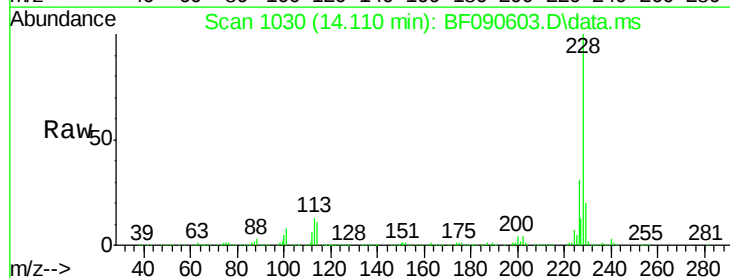
Tgt Ion:228 Resp: 1364351

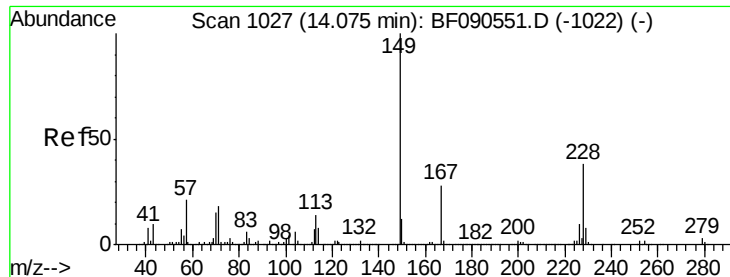
Ion Ratio Lower Upper

228 100

226 30.7 24.8 37.2

229 20.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.65 ng

RT: 14.064 min Scan# 1026

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

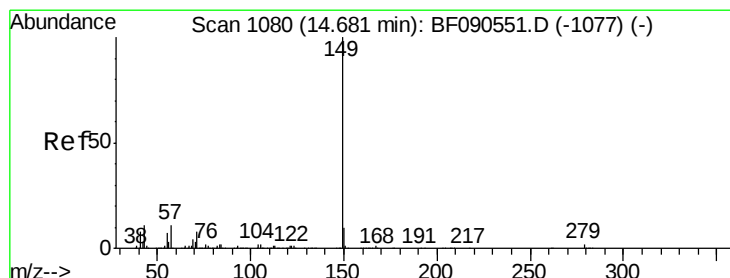
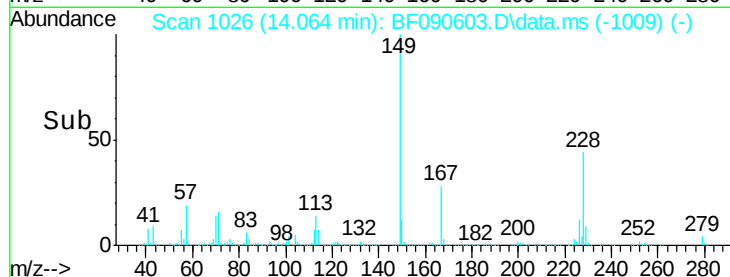
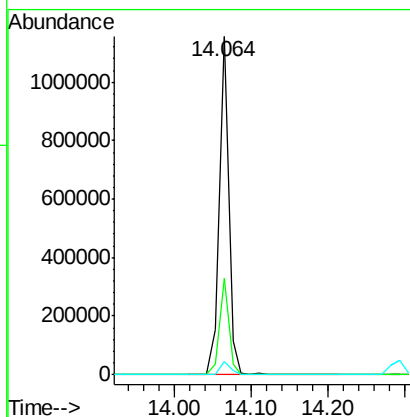
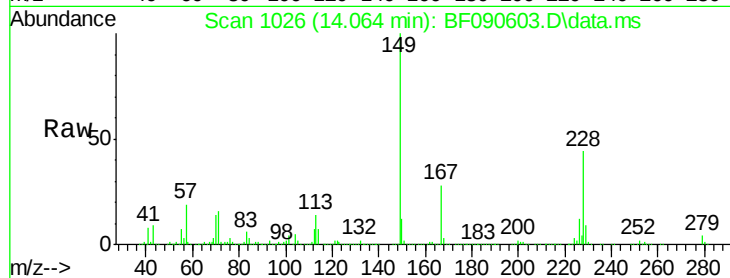
Tot Ion:149 Resp: 990892

Ion Ratio Lower Upper

149 100

167 28.4 22.1 33.1

279 3.7 2.6 4.0



#84

Di-n-octyl phthalate

Concen: 39.16 ng

RT: 14.681 min Scan# 1080

Delta R.T. 0.000 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

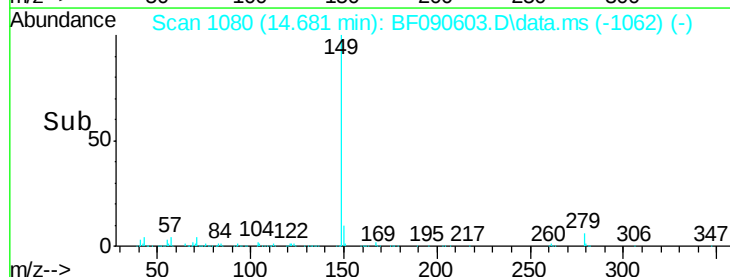
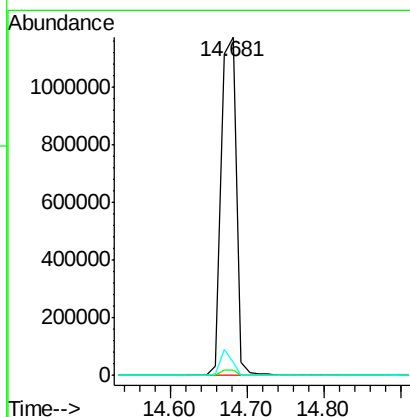
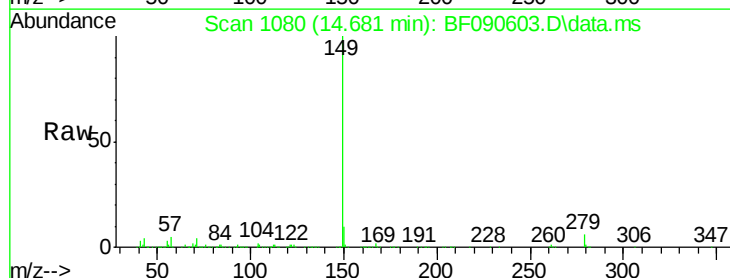
Tgt Ion:149 Resp: 1643659

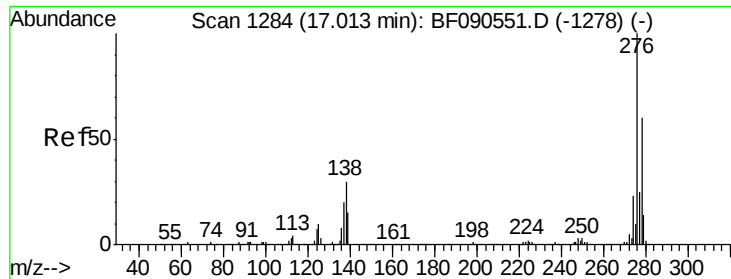
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 6.0 6.7 10.1#

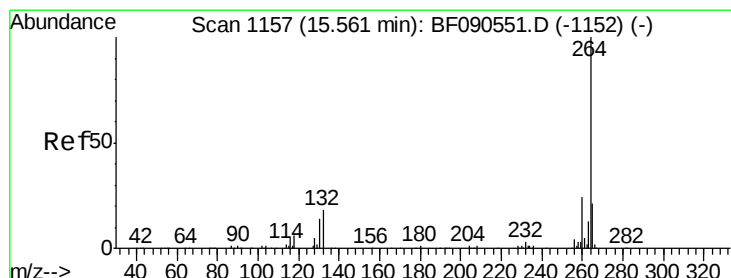
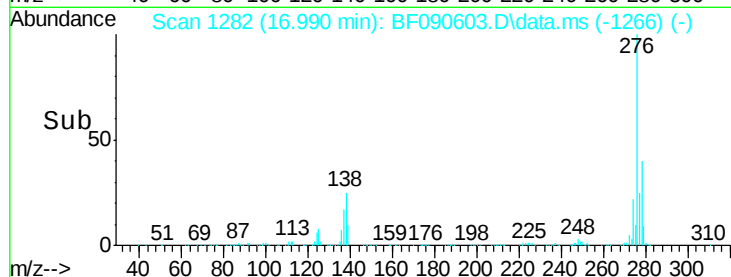
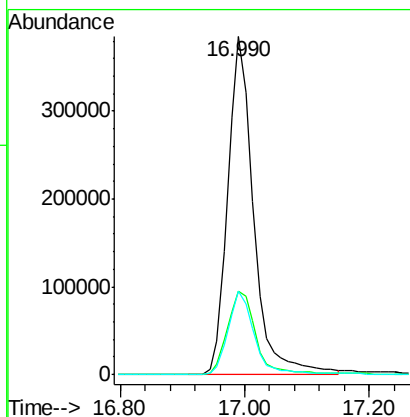
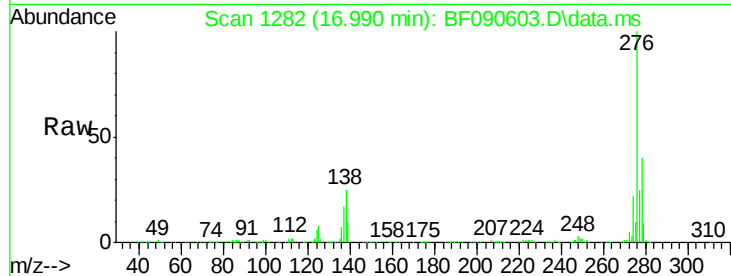




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.46 ng
RT: 16.990 min Scan# 12
Delta R.T. -0.023 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

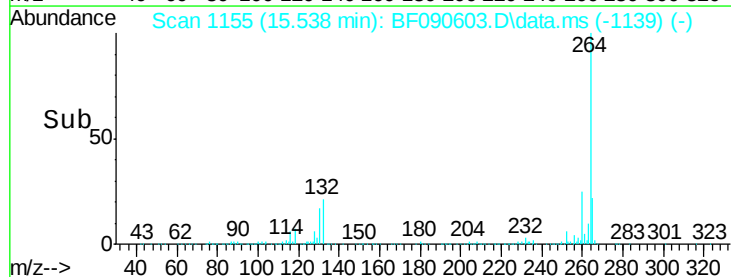
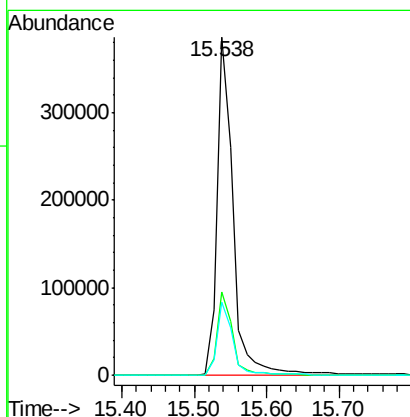
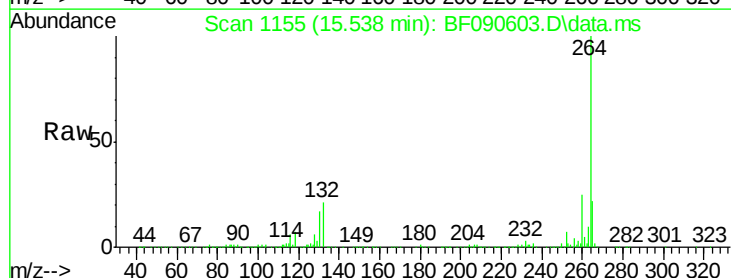
Instrument :
BNA_F
ClientSampleId :
PB94073BS

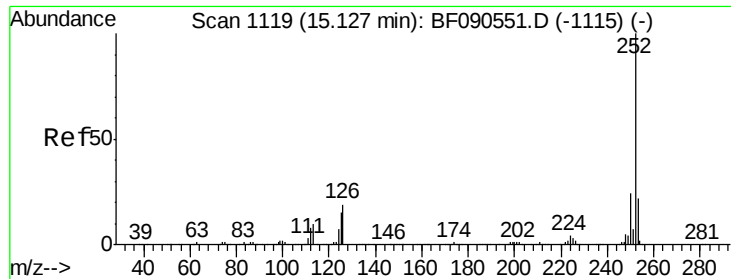
Tot Ion:276 Resp: 1115124
Ion Ratio Lower Upper
276 100
138 27.4 25.8 38.6
277 24.9 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.538 min Scan# 1155
Delta R.T. -0.023 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion:264 Resp: 590145
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 21.6 16.7 25.1

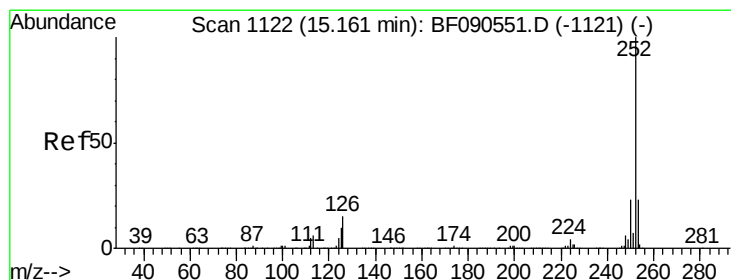
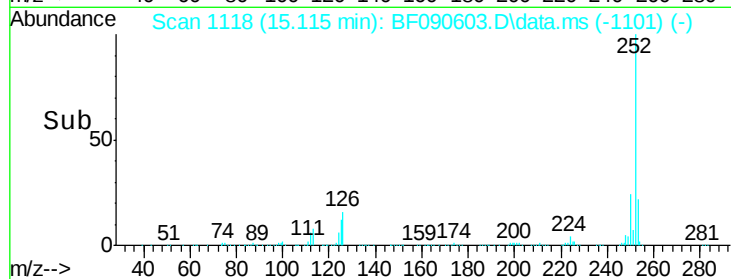
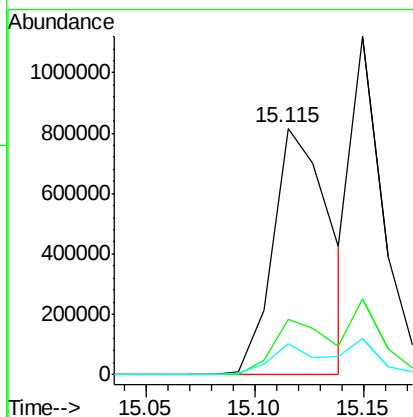
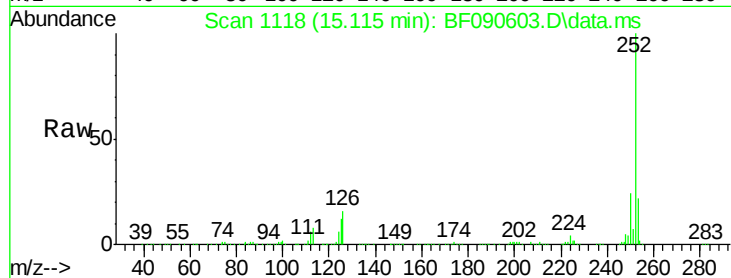




#87
Benzo(b)fluoranthene
Concen: 38.35 ng
RT: 15.115 min Scan# 1118
Delta R.T. -0.011 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

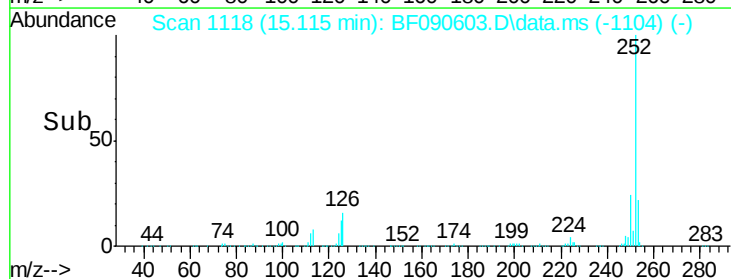
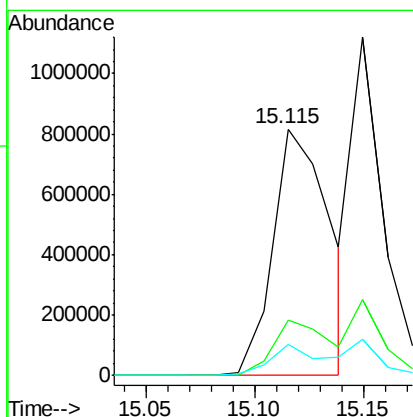
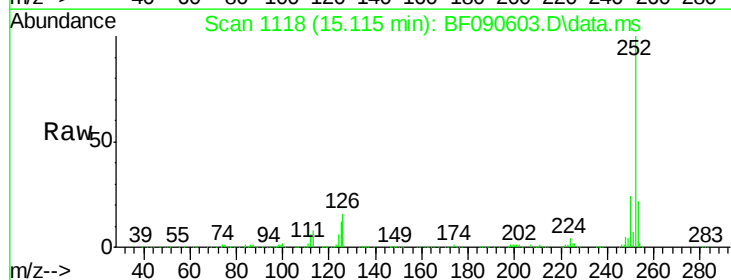
Instrument :
BNA_F
ClientSampleId :
PB94073BS

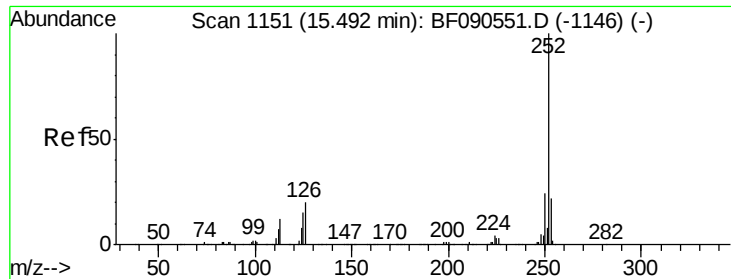
Tot Ion:252 Resp: 1480912
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 12.3 12.0 18.0



#88
Benzo(k)fluoranthene
Concen: 35.64 ng
RT: 15.115 min Scan# 1118
Delta R.T. -0.046 min
Lab File: BF090603.D
Acq: 17 Oct 2016 12:33

Tgt Ion:252 Resp: 1480912
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 12.3 10.0 15.0





#89

Benzo(a)pyrene

Concen: 35.36 ng

RT: 15.481 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

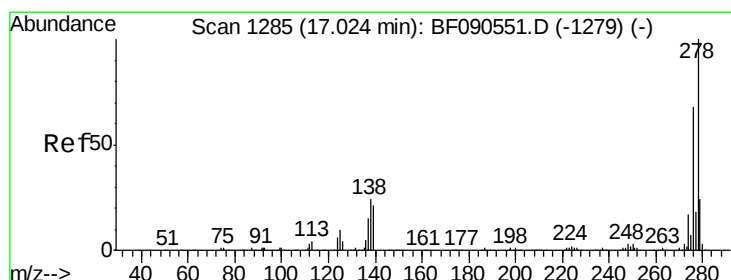
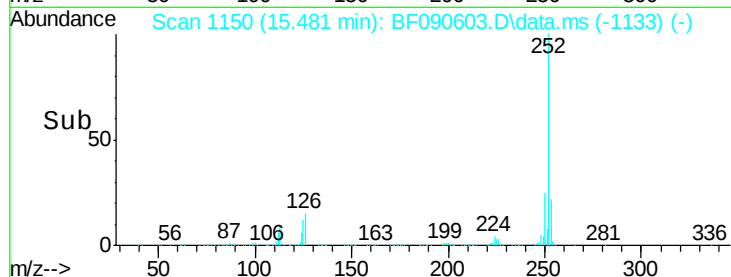
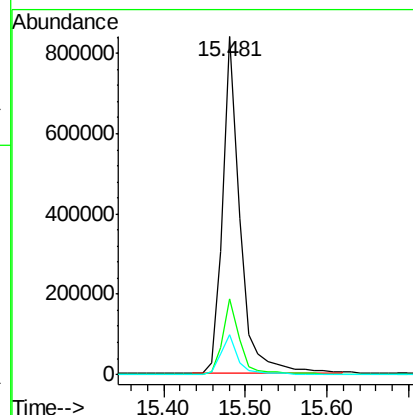
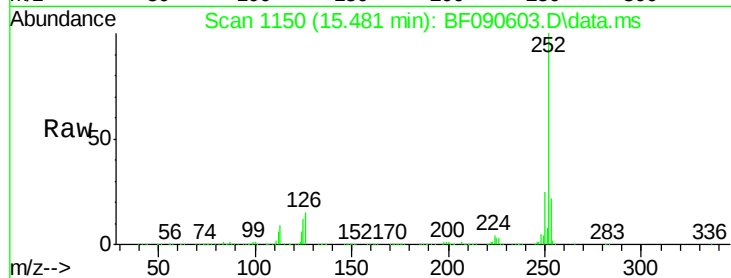
Tot Ion:252 Resp: 1250018

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 11.8 12.3 18.5#



#90

Dibenzo(a,h)anthracene

Concen: 35.53 ng

RT: 17.013 min Scan# 1284

Delta R.T. -0.011 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

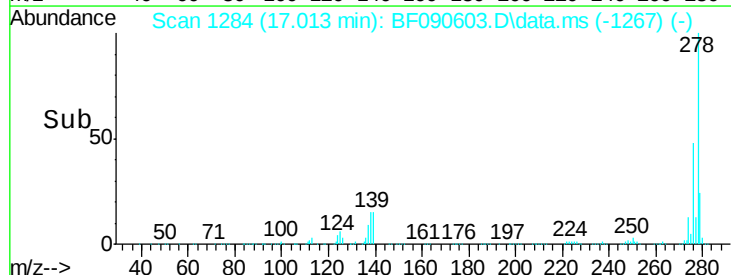
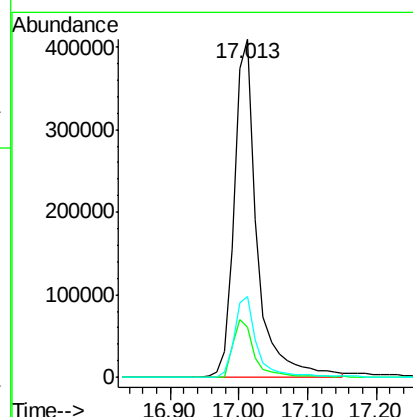
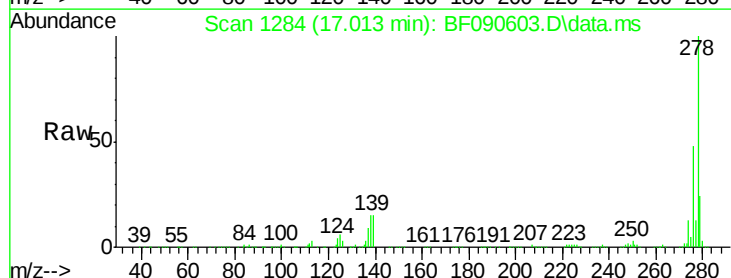
Tgt Ion:278 Resp: 957855

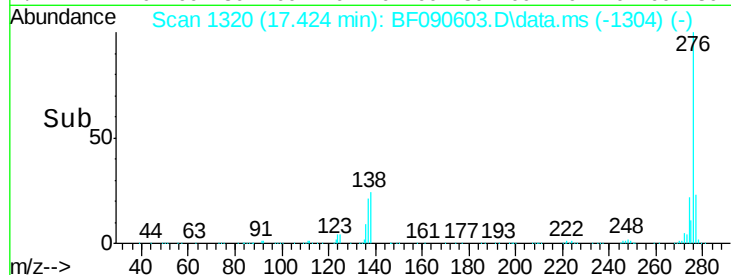
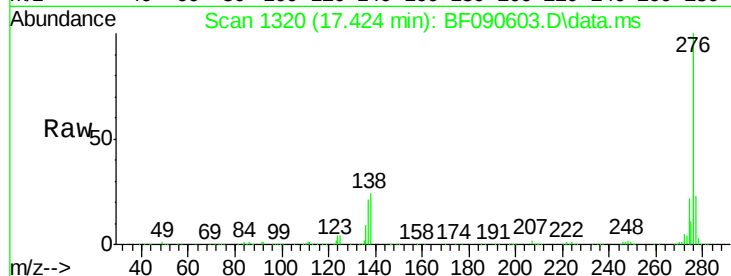
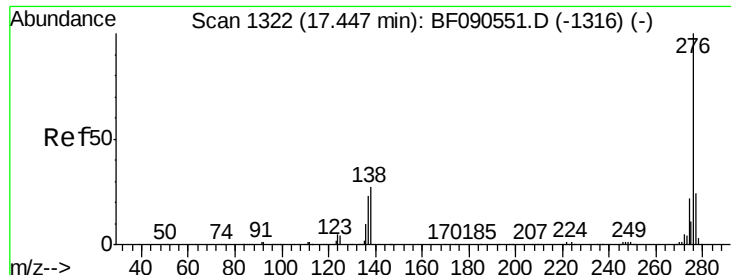
Ion Ratio Lower Upper

278 100

139 14.7 16.6 25.0#

279 23.8 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 34.39 ng

RT: 17.424 min Scan# 13

Delta R.T. -0.023 min

Lab File: BF090603.D

Acq: 17 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion:276 Resp: 884139

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 23.9 21.8 32.8

