

Data Path : Z:\HPCHEM1\BNA F\Data\BF101216\
 Data File : BF090531.D
 Acq On : 12 Oct 2016 13:18
 Operator : UM/SJ
 Sample : PB93973BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

Quant Time: Oct 12 15:48:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.954	152	223935	20.00	ng	0.00	
21) Naphthalene-d8	8.235	136	948879	20.00	ng	-0.01	
38) Acenaphthene-d10	9.995	164	506670	20.00	ng	-0.01	
63) Phenanthrene-d10	11.481	188	836824	20.00	ng	0.00	
75) Chrysene-d12	14.132	240	764485	20.00	ng	0.00	
86) Perylene-d12	15.607	264	534242	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.583	112	1646324	114.37	ng	0.02	
7) Phenol-d6	6.600	99	2158260	118.82	ng	0.01	
23) Nitrobenzene-d5	7.514	82	1271960	72.71	ng	0.00	
41) 2,4,6-Tribromophenol	10.795	330	661013	131.61	ng	0.00	
44) 2-Fluorobiphenyl	9.320	172	2491751	82.64	ng	0.00	
78) Terphenyl-d14	13.069	244	2267112	72.47	ng	-0.01	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.714	88	197022	27.90	ng	#	82
3) Pyridine	3.480	79	416449	21.34	ng	#	74
4) n-Nitrosodimethylamine	3.423	42	172899	27.03	ng	#	42
6) Aniline	6.623	93	440874	19.13	ng	#	68
8) 2-Chlorophenol	6.737	128	610299	39.86	ng		99
9) Benzaldehyde	6.497	77	162541	14.20	ng		98
10) Phenol	6.611	94	802060	39.14	ng		94
11) bis(2-Chloroethyl)ether	6.691	93	626759	40.87	ng		90
12) 1,3-Dichlorobenzene	6.966	146	649696	39.33	ng		96
13) 1,4-Dichlorobenzene	6.966	146	661380	39.24	ng		98
14) 1,2-Dichlorobenzene	7.126	146	598187	39.05	ng		95
15) Benzyl Alcohol	7.092	79	505806	36.27	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.229	45	727438	33.10	ng		67
17) 2-Methylphenol	7.217	107	511352	41.06	ng		97
18) Hexachloroethane	7.457	117	233078	37.47	ng		95
19) n-Nitroso-di-n-propyla...	7.366	70	475066	41.01	ng	#	78
20) 3+4-Methylphenols	7.366	107	658266	41.75	ng	#	84
22) Acetophenone	7.366	105	841379	40.28	ng	#	92
24) Nitrobenzene	7.537	77	672339	35.83	ng	#	88
25) Isophorone	7.777	82	1225102	38.48	ng		97
26) 2-Nitrophenol	7.846	139	324280	37.88	ng	#	80
27) 2,4-Dimethylphenol	7.892	122	570261	39.19	ng		97
28) bis(2-Chloroethoxy)met...	7.983	93	757782	38.54	ng	#	97
29) 2,4-Dichlorophenol	8.097	162	499684	41.05	ng		92
30) 1,2,4-Trichlorobenzene	8.177	180	531485	38.01	ng		98
31) Naphthalene	8.257	128	1730765	36.61	ng		99
32) Benzoic acid	8.029	122	332832	28.98	ng		94
33) 4-Chloroaniline	8.315	127	233983	11.69	ng	#	89
34) Hexachlorobutadiene	8.372	225	276200	35.33	ng		99
35) Caprolactam	8.680	113	100869	25.56	ng	#	70
36) 4-Chloro-3-methylphenol	8.806	107	571464	40.21	ng		91
37) 2-Methylnaphthalene	8.955	142	1208929	38.10	ng		97
39) 1,2,4,5-Tetrachloroben...	9.115	216	500256	35.27	ng		97

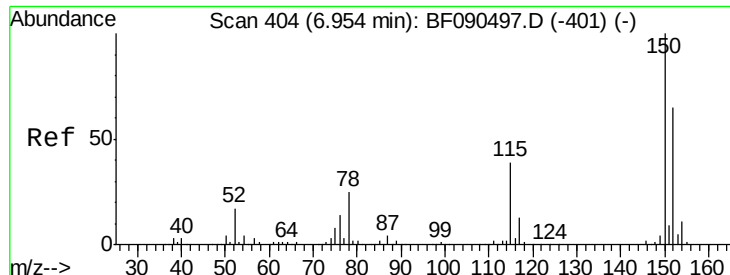
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	9.103	237	605939	86.06	ng	98
42) 2,4,6-Trichlorophenol	9.229	196	353755	36.99	ng	97
43) 2,4,5-Trichlorophenol	9.275	196	367345	38.81	ng	97
45) 1,1'-Biphenyl	9.412	154	1378557	35.62	ng	96
46) 2-Chloronaphthalene	9.446	162	1140925	39.63	ng	93
47) 2-Nitroaniline	9.537	65	351575	34.23	ng	97
48) Acenaphthylene	9.858	152	1666113	35.87	ng	99
49) Dimethylphthalate	9.720	163	1339768	39.32	ng	99
50) 2,6-Dinitrotoluene	9.777	165	283199	37.64	ng	89
51) Acenaphthene	10.029	154	1142190	36.69	ng	98
52) 3-Nitroaniline	9.949	138	147986	15.85	ng	97
53) 2,4-Dinitrophenol	10.052	184	191332	45.83	ng	# 82
54) Dibenzofuran	10.200	168	1469770	35.48	ng	95
55) 4-Nitrophenol	10.132	139	513654	70.81	ng	86
56) 2,4-Dinitrotoluene	10.189	165	430897	43.30	ng	# 82
57) Fluorene	10.543	166	1177301	34.81	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.326	232	315066	39.91	ng	95
59) Diethylphthalate	10.418	149	1289280	37.20	ng	93
60) 4-Chlorophenyl-phenyle...	10.532	204	568417	36.43	ng	91
61) 4-Nitroaniline	10.578	138	302767	31.79	ng	85
62) Azobenzene	10.692	77	1418454	37.48	ng	89
64) 4,6-Dinitro-2-methylph...	10.589	198	148247	26.52	ng	# 84
65) n-Nitrosodiphenylamine	10.658	169	1080212	39.70	ng	99
66) 4-Bromophenyl-phenylether	11.023	248	346787	37.40	ng	# 87
67) Hexachlorobenzene	11.092	284	380489	37.15	ng	# 88
68) Atrazine	11.183	200	310025	36.81	ng	97
69) Pentachlorophenol	11.298	266	427916	70.21	ng	98
70) Phenanthrene	11.515	178	1820067	39.46	ng	96
71) Anthracene	11.561	178	1809865	38.74	ng	99
72) Carbazole	11.721	167	1786621	40.49	ng	97
73) Di-n-butylphthalate	12.041	149	1903372	35.82	ng	98
74) Fluoranthene	12.704	202	1864791	39.61	ng	89
76) Benzidine	12.818	184	463383	19.29	ng	99
77) Pyrene	12.932	202	1944573	40.64	ng	99
79) Butylbenzylphthalate	13.549	149	909404	40.60	ng	93
80) Benzo(a)anthracene	14.121	228	1697287	37.25	ng	98
81) 3,3'-Dichlorobenzidine	14.086	252	284023	17.32	ng	99
82) Chrysene	14.155	228	1526146	35.99	ng	100
83) Bis(2-ethylhexyl)phtha...	14.109	149	1233743	37.74	ng	# 96
84) Di-n-octyl phthalate	14.715	149	1944275	38.40	ng	# 85
85) Indeno(1,2,3-cd)pyrene	17.081	276	1155770	32.73	ng	98
87) Benzo(b)fluoranthene	15.172	252	1390264	39.44	ng	# 97
88) Benzo(k)fluoranthene	15.172	252	1390264	44.28	ng	98
89) Benzo(a)pyrene	15.538	252	1269964	41.03	ng	# 97
90) Dibenzo(a,h)anthracene	17.093	278	984114	37.43	ng	# 94
91) Benzo(g,h,i)perylene	17.527	276	891422	36.66	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.954 min Scan# 40

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

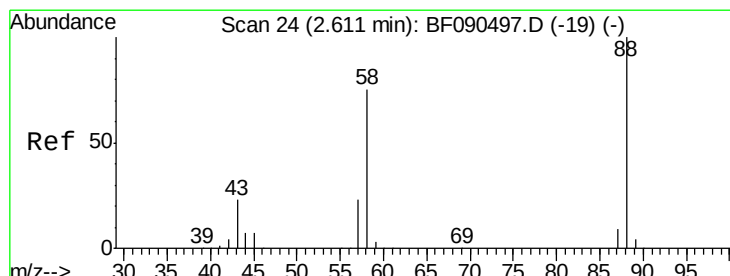
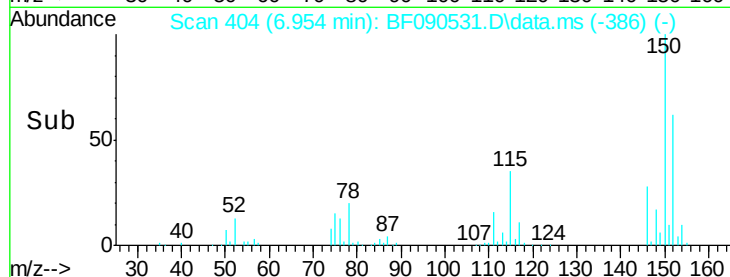
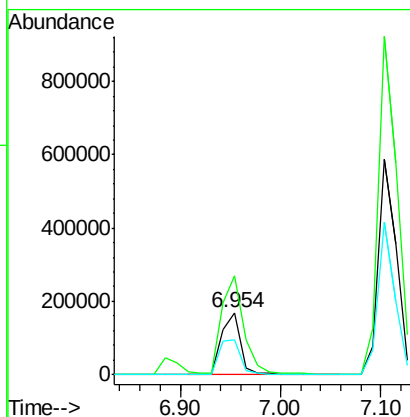
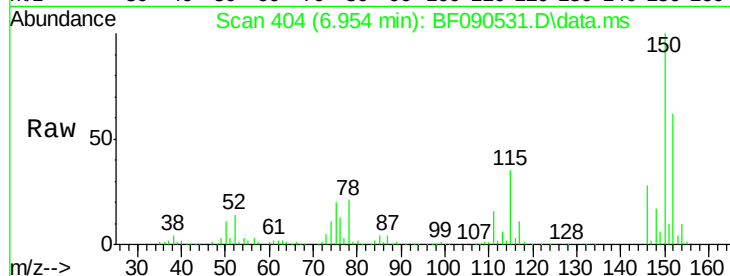
Tot Ion:152 Resp: 223935

Ion Ratio Lower Upper

152 100

150 160.7 124.6 186.8

115 56.7 46.2 69.4



#2

1,4-Dioxane

Concen: 27.90 ng

RT: 2.714 min Scan# 33

Delta R.T. 0.103 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

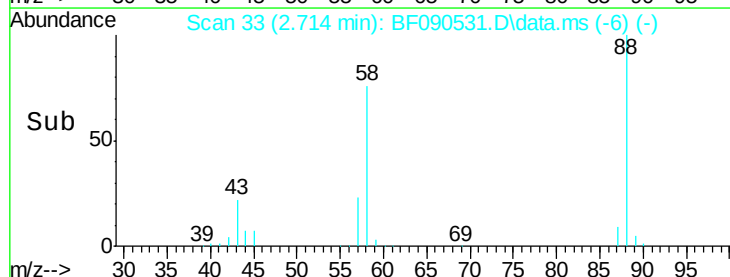
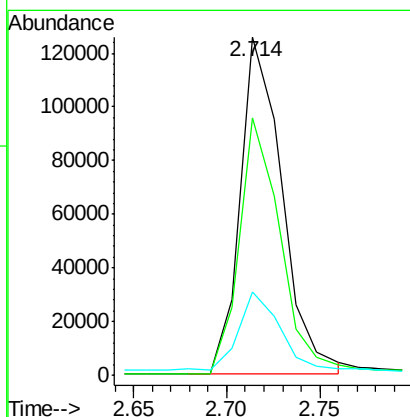
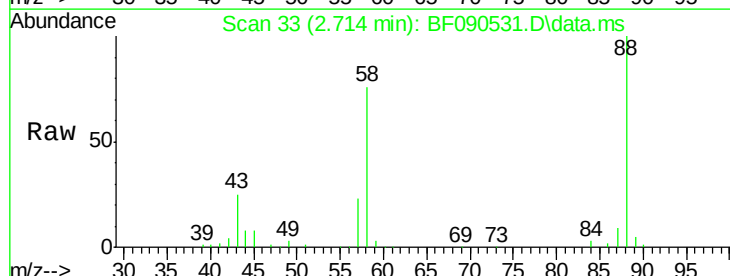
Tgt Ion: 88 Resp: 197022

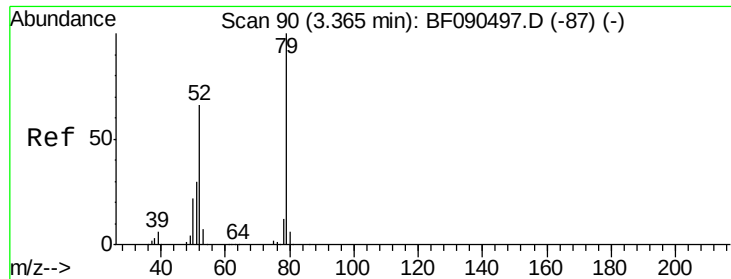
Ion Ratio Lower Upper

88 100

58 74.3 71.2 106.8

43 23.1 29.8 44.6#





#3

Pvridine

Concen: 21.34 ng

RT: 3.480 min Scan# 10

Delta R.T. 0.114 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

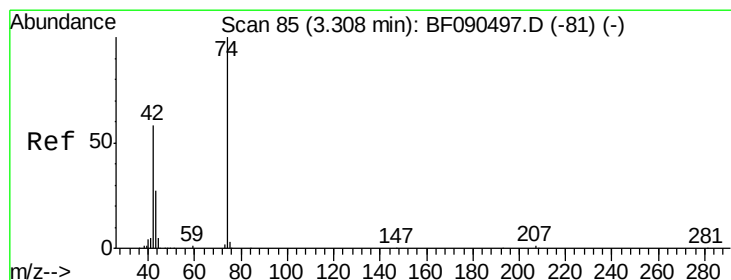
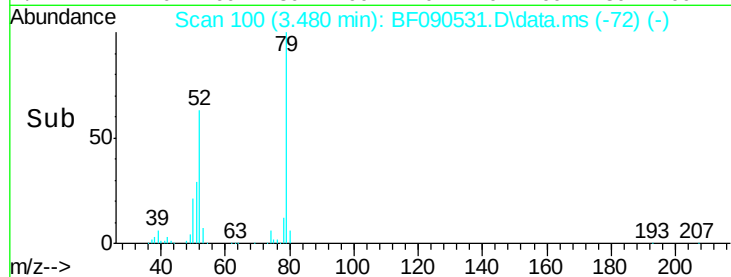
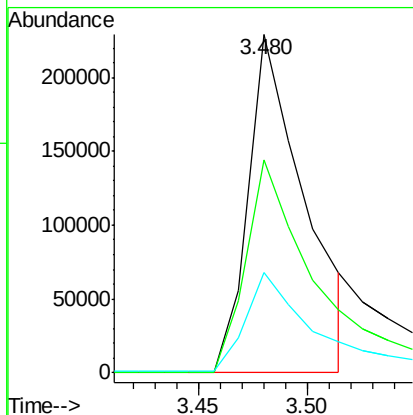
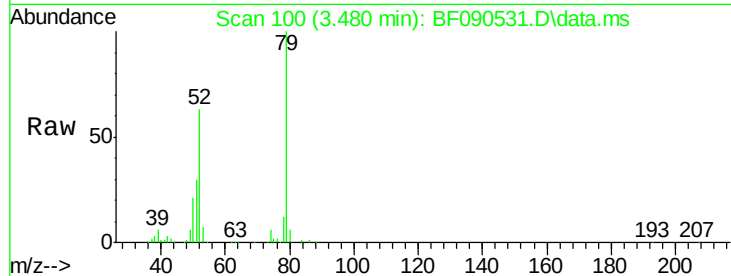
Tot Ion: 79 Resp: 416449

Ion Ratio Lower Upper

79 100

52 62.9 71.3 106.9#

51 29.5 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 27.03 ng

RT: 3.423 min Scan# 95

Delta R.T. 0.114 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

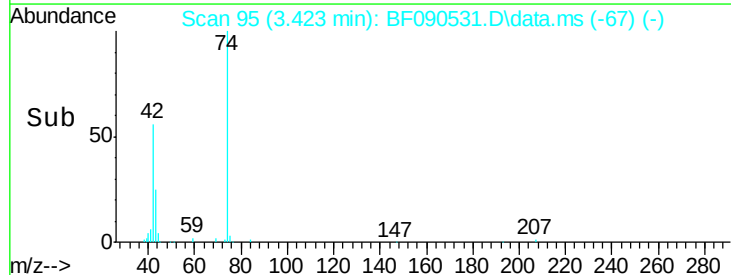
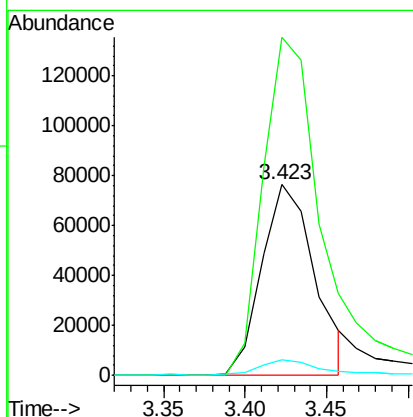
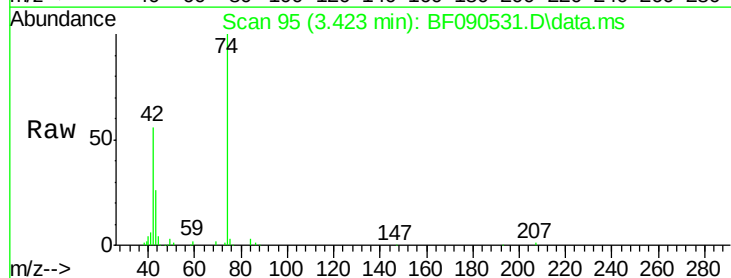
Tgt Ion: 42 Resp: 172899

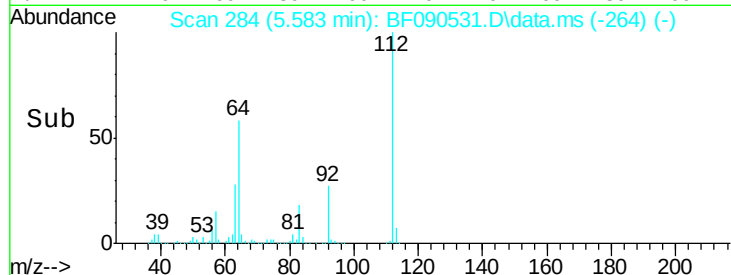
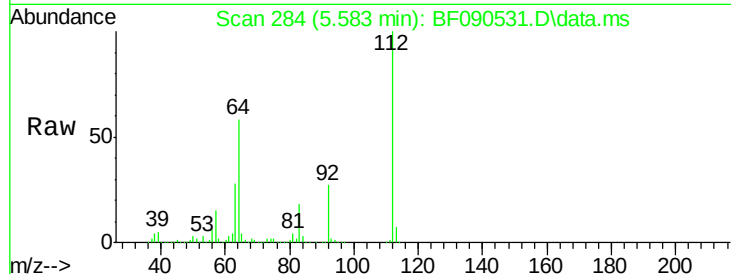
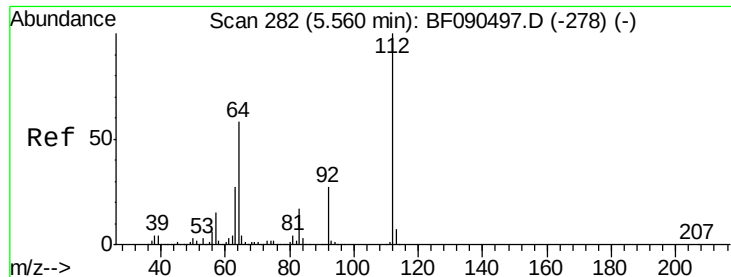
Ion Ratio Lower Upper

42 100

74 177.5 88.9 133.3#

44 7.9 6.5 9.7





#5

2-Fluorophenol

Concen: 114.37 ng

RT: 5.583 min Scan# 28

Delta R.T. 0.024 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

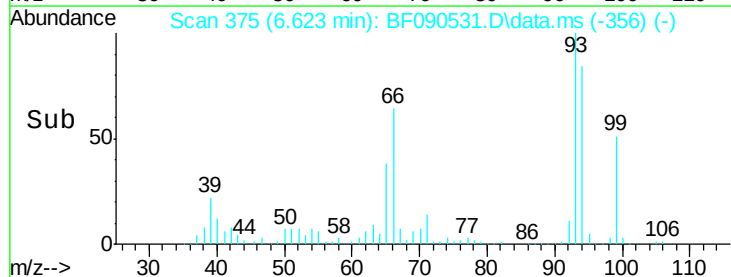
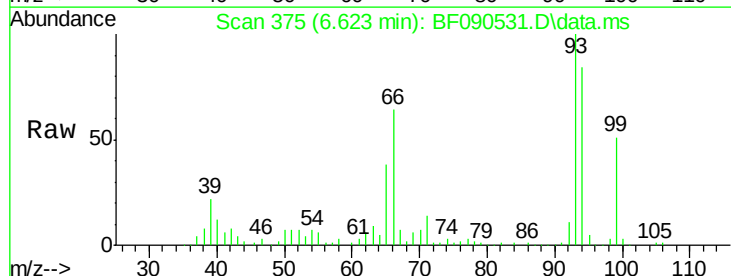
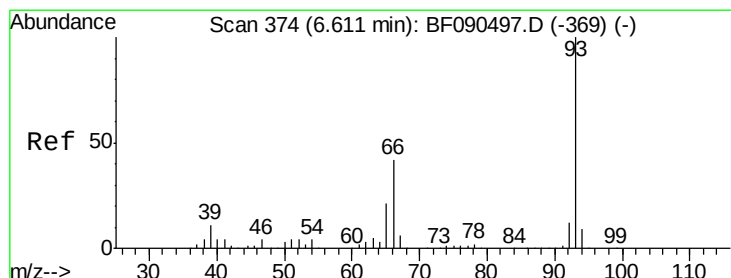
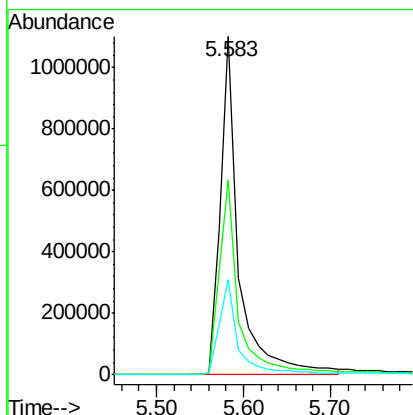
Tot Ion:112 Resp: 1646324

Ion Ratio Lower Upper

112 100

64 57.5 57.9 86.9#

63 27.9 29.6 44.4#



#6

Aniline

Concen: 19.13 ng

RT: 6.623 min Scan# 375

Delta R.T. 0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

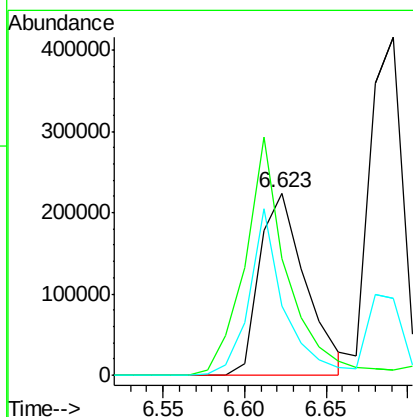
Tgt Ion: 93 Resp: 440874

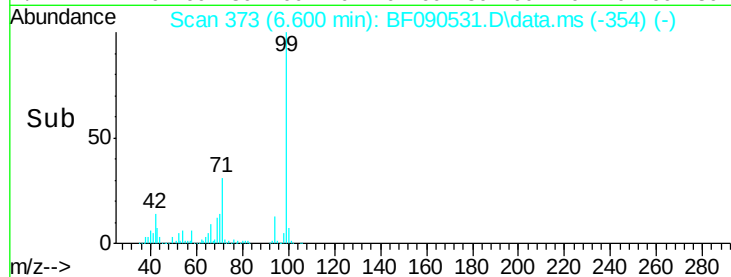
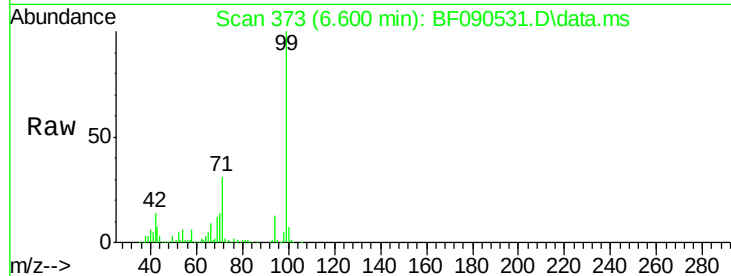
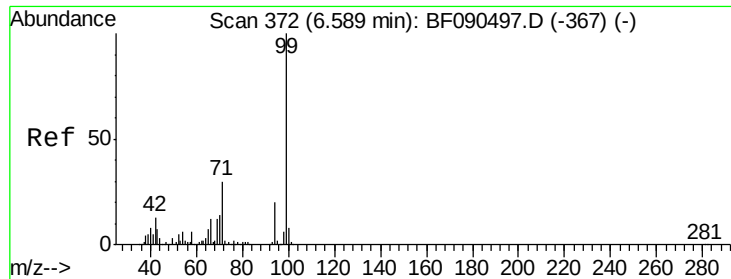
Ion Ratio Lower Upper

93 100

66 63.8 34.5 51.7#

65 37.8 18.2 27.2#





#7

Phenol-d6

Concen: 118.82 ng

RT: 6.600 min Scan# 37

Delta R.T. 0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

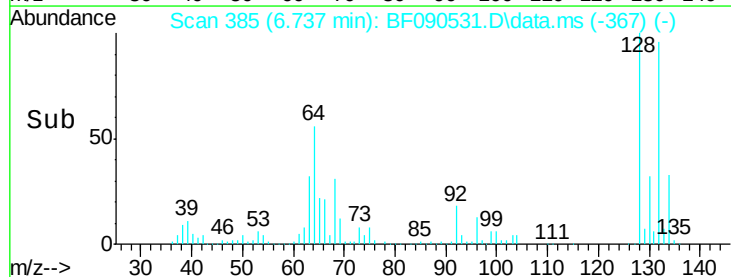
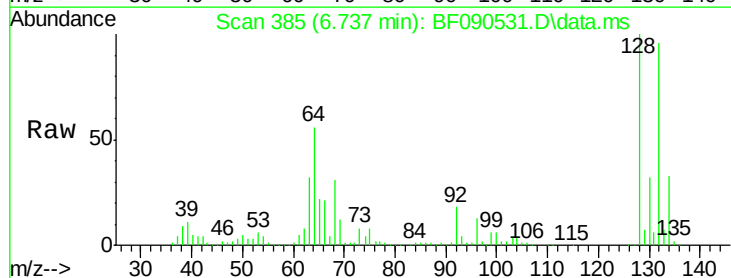
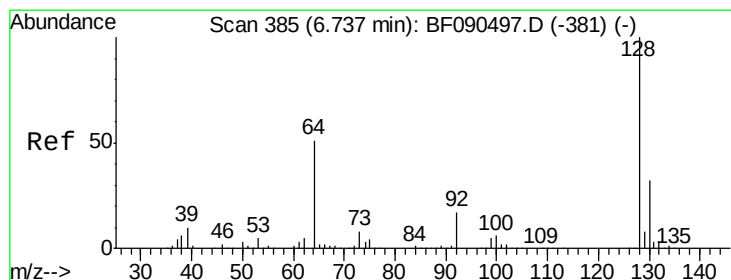
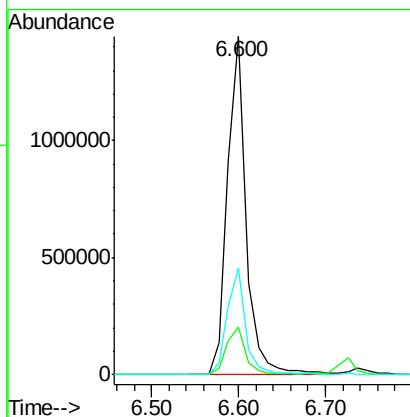
BNA_F

ClientSampleId :

PB93973BS

Tot Ion: 99 Resp: 2158260

Ion	Ratio	Lower	Upper
99	100		
42	14.0	20.0	30.0#
71	31.4	27.9	41.9



#8

2-Chlorophenol

Concen: 39.86 ng

RT: 6.737 min Scan# 385

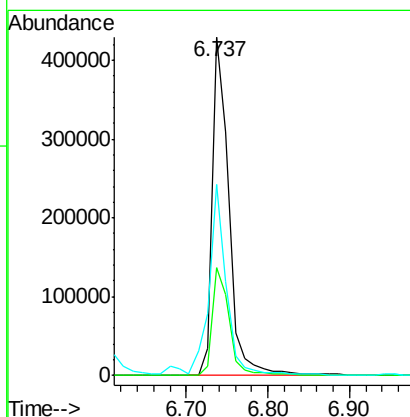
Delta R.T. 0.000 min

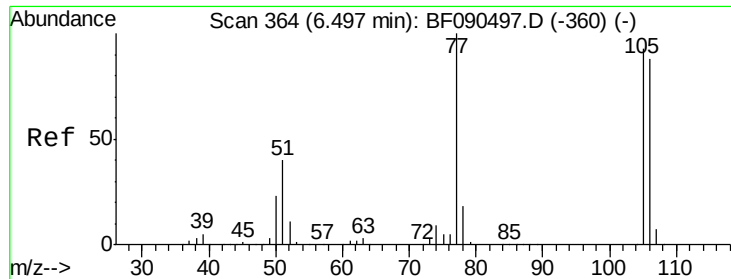
Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion: 128 Resp: 610299

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.3	53.3
64	56.4	36.0	76.0





#9

Benzaldehyde

Concen: 14.20 ng

RT: 6.497 min Scan# 364

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

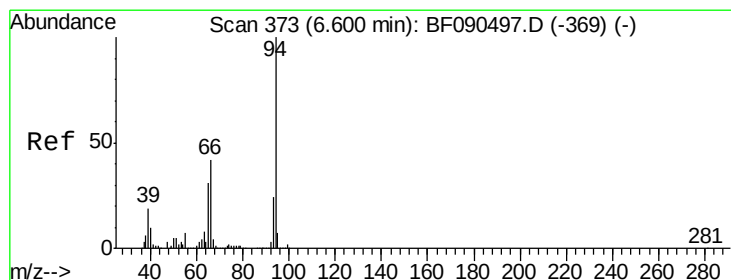
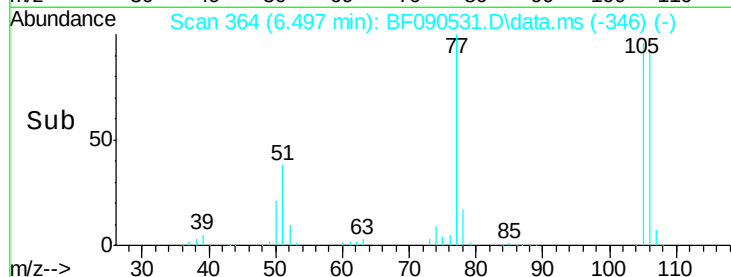
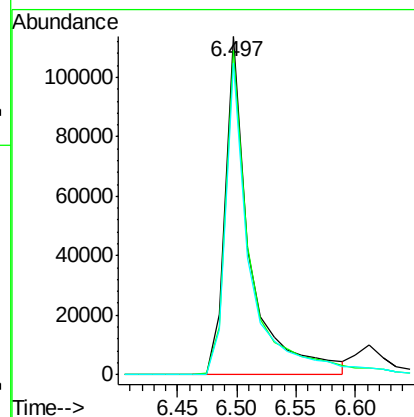
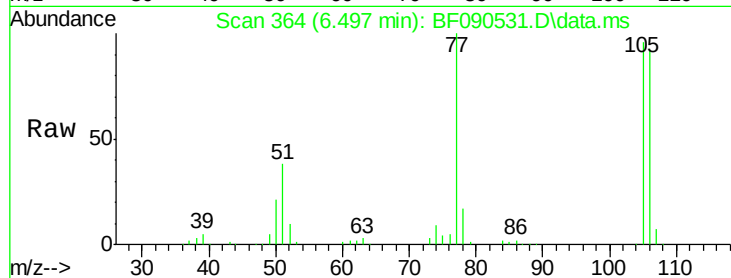
Tot Ion: 77 Resp: 162541

Ion Ratio Lower Upper

77 100

105 95.8 73.1 113.1

106 92.0 70.2 110.2



#10

Phenol

Concen: 39.14 ng

RT: 6.611 min Scan# 374

Delta R.T. 0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

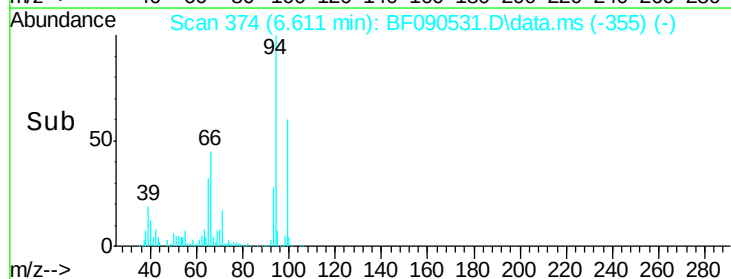
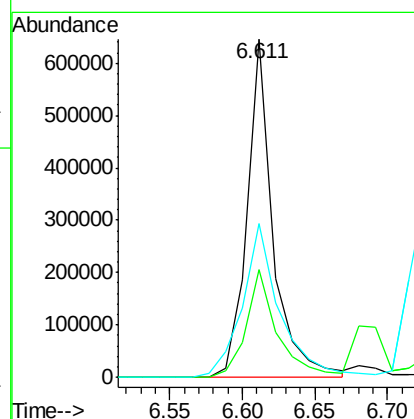
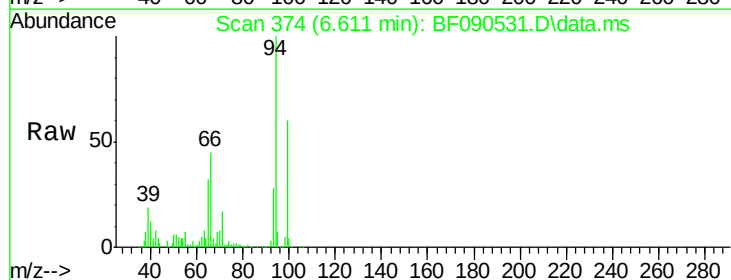
Tgt Ion: 94 Resp: 802060

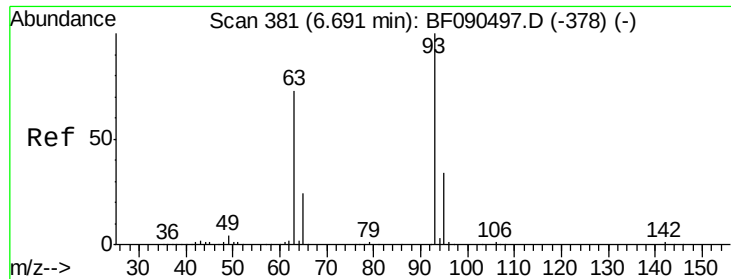
Ion Ratio Lower Upper

94 100

65 31.7 13.3 53.3

66 45.4 20.4 60.4

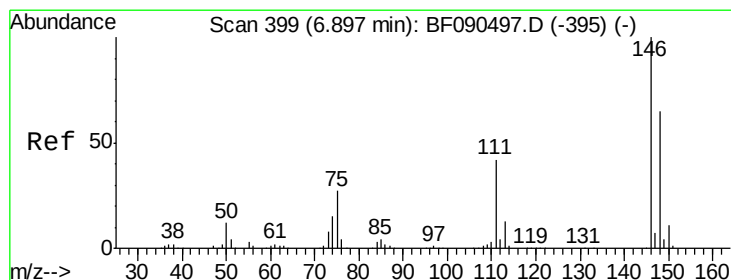
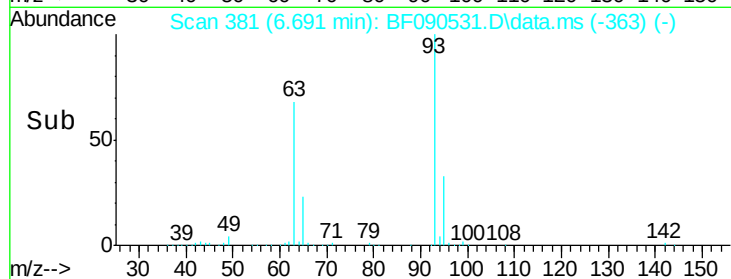
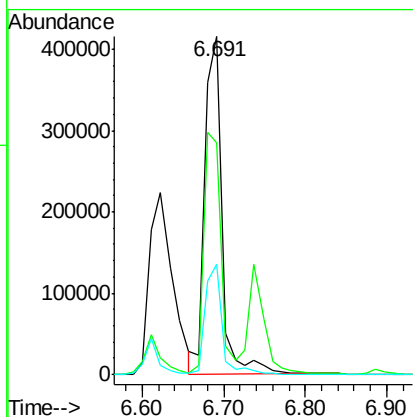
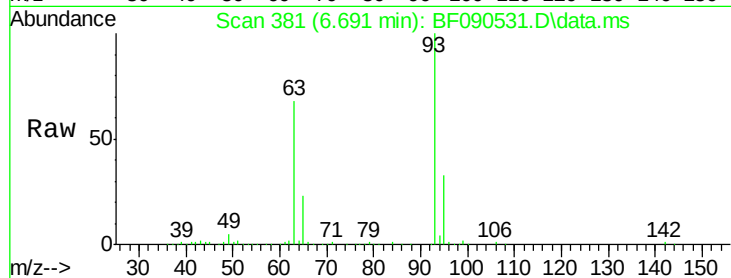




#11
bis(2-Chloroethyl)ether
Concen: 40.87 ng
RT: 6.691 min Scan# 381
Delta R.T. 0.000 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

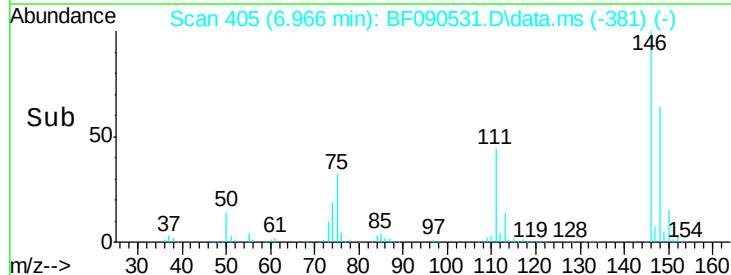
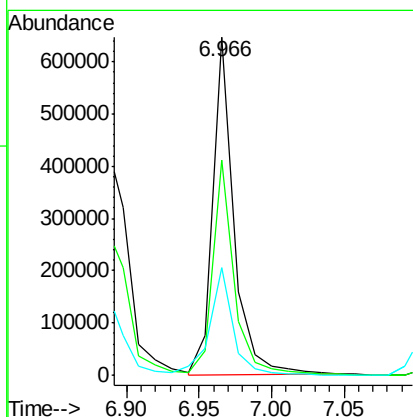
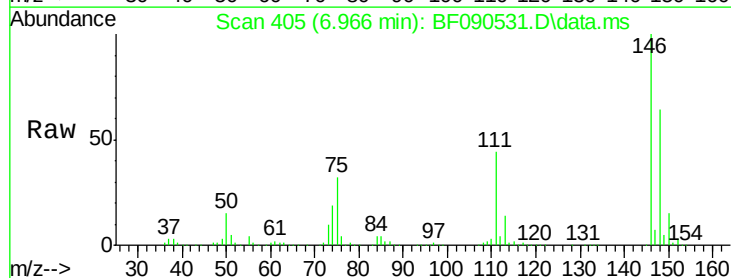
Instrument :
BNA_F
ClientSampleId :
PB93973BS

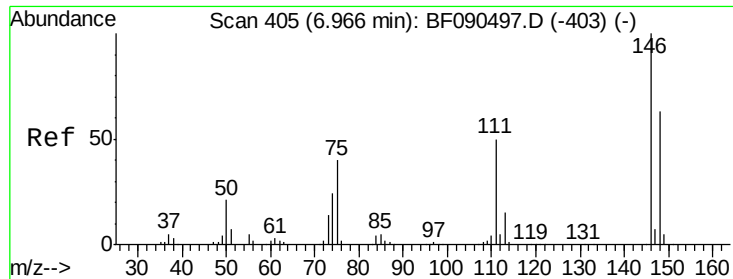
Tot Ion: 93 Resp: 626759
Ion Ratio Lower Upper
93 100
63 68.5 59.7 99.7
95 32.5 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 39.33 ng
RT: 6.966 min Scan# 405
Delta R.T. 0.069 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion: 146 Resp: 649696
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
75 31.9 21.4 32.2

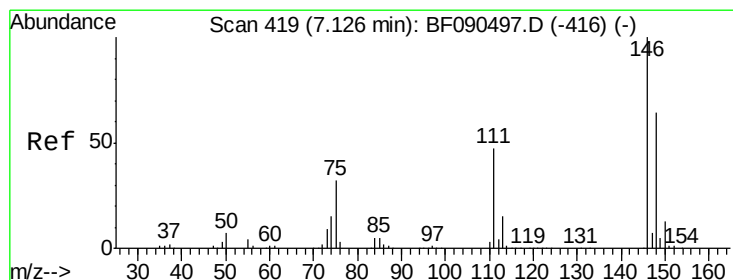
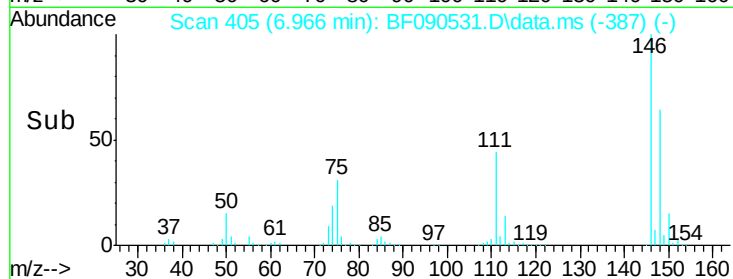
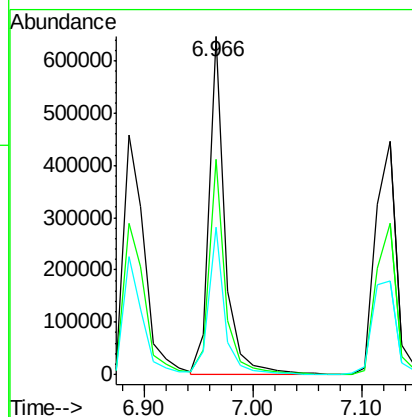
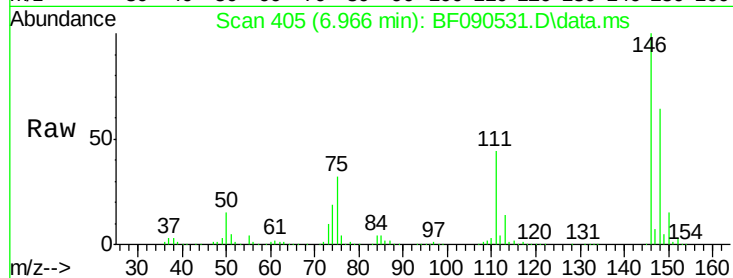




#13
 1,4-Dichlorobenzene
 Concen: 39.24 ng
 RT: 6.966 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

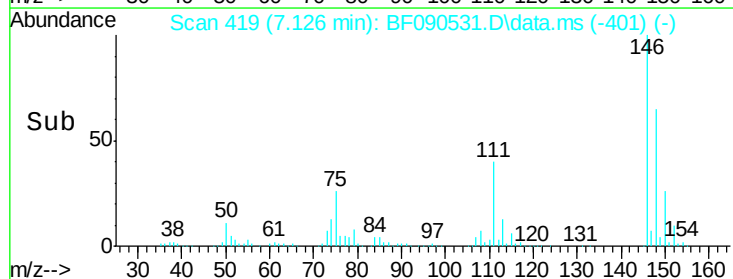
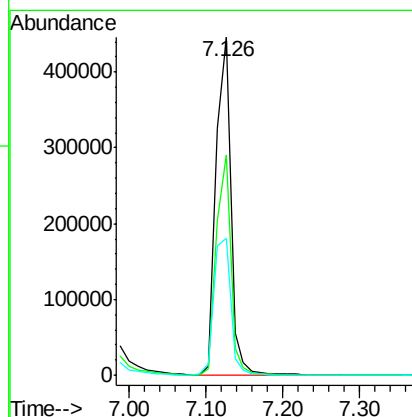
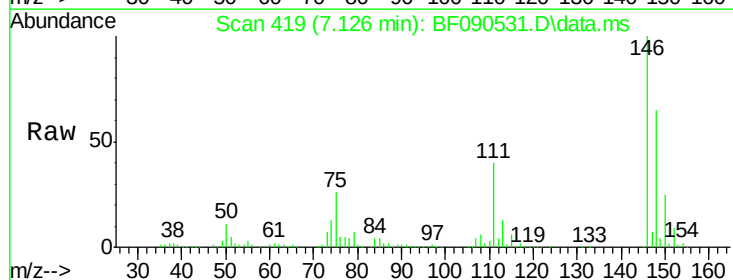
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

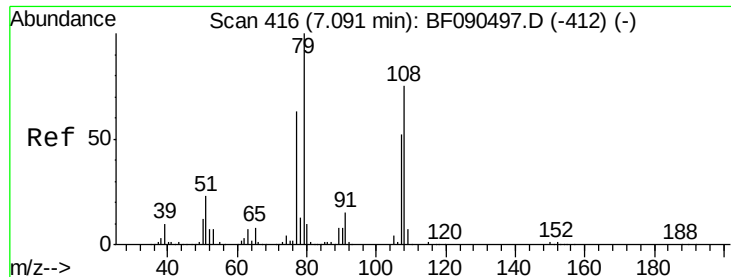
Tot Ion:146 Resp: 661380
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 43.5 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 39.05 ng
 RT: 7.126 min Scan# 419
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion:146 Resp: 598187
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.3 78.5
 111 40.4 38.2 57.4





#15

Benzyl Alcohol

Concen: 36.27 ng

RT: 7.092 min Scan# 41

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

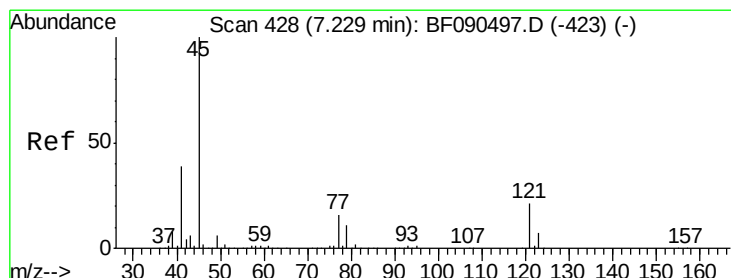
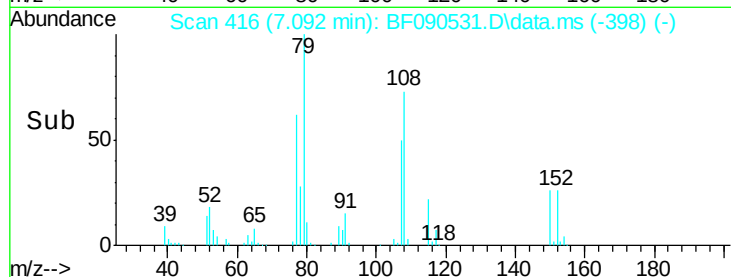
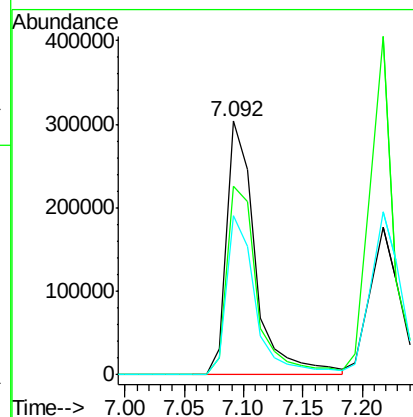
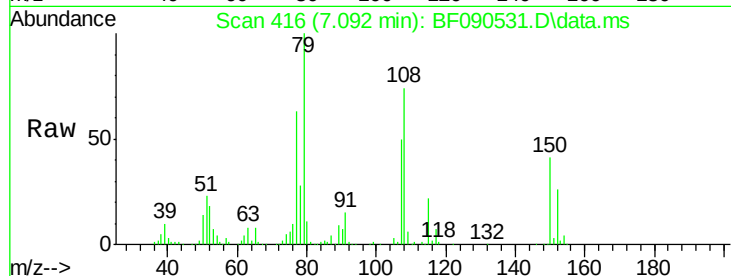
Tot Ion: 79 Resp: 505806

Ion Ratio Lower Upper

79 100

108 74.1 60.9 91.3

77 62.6 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.10 ng

RT: 7.229 min Scan# 428

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

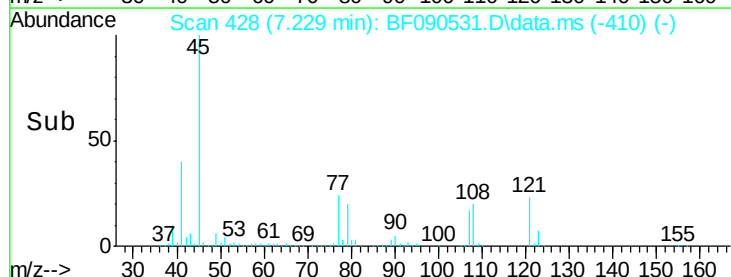
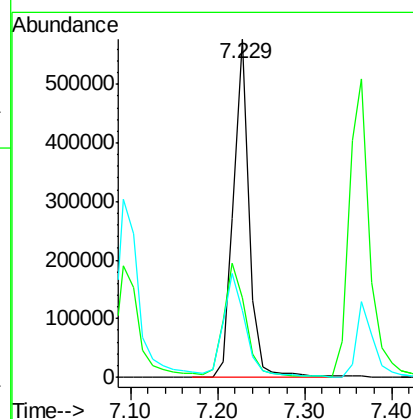
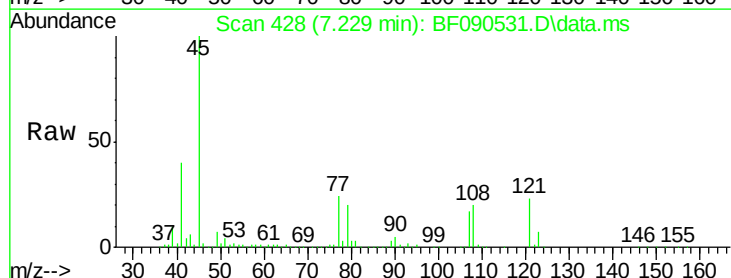
Tgt Ion: 45 Resp: 727438

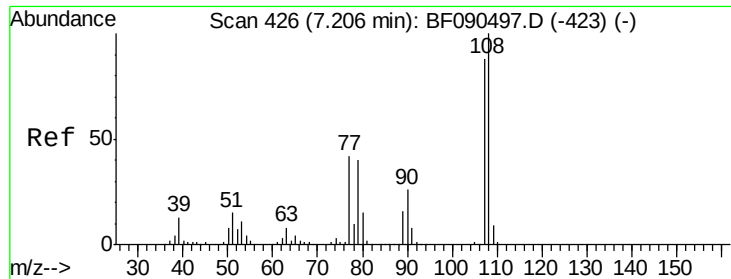
Ion Ratio Lower Upper

45 100

77 23.6 0.0 30.8

79 19.7 0.0 28.2

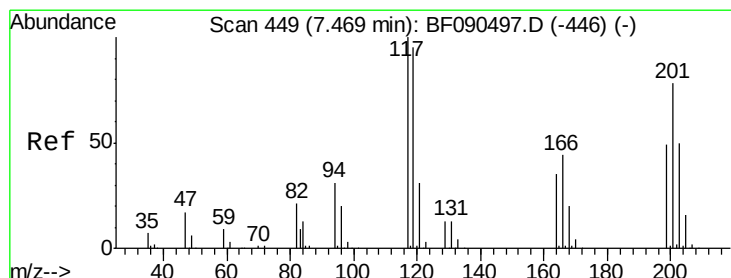
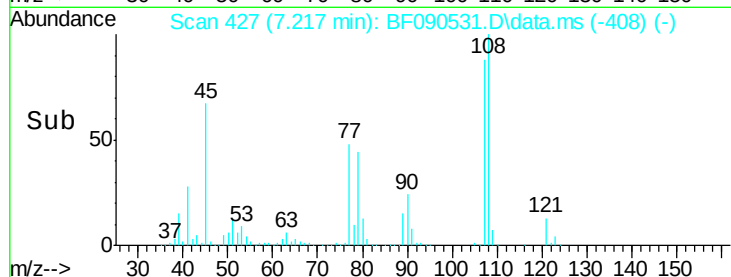
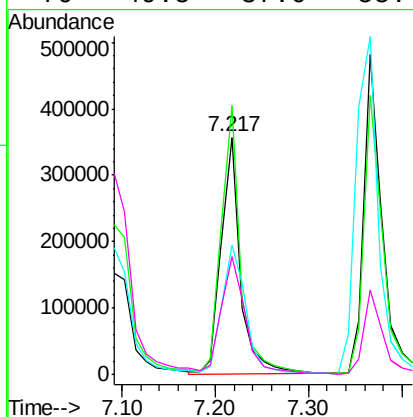
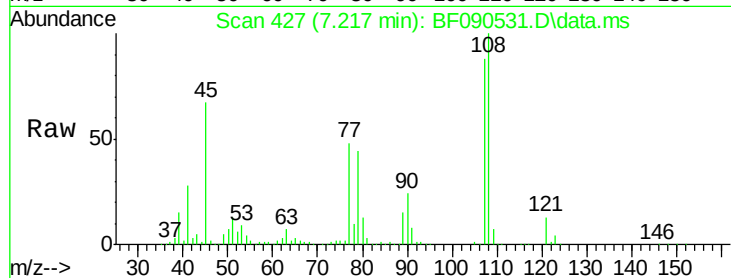




#17
2-Methylphenol
Concen: 41.06 ng
RT: 7.217 min Scan# 42
Delta R.T. 0.011 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

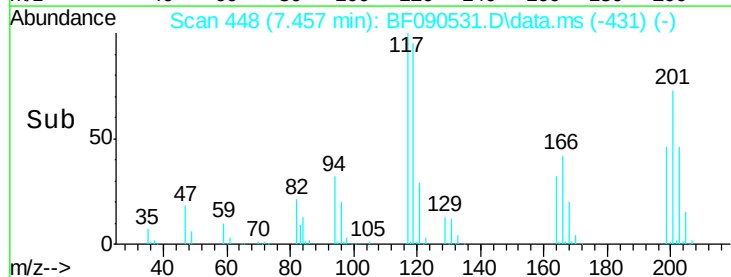
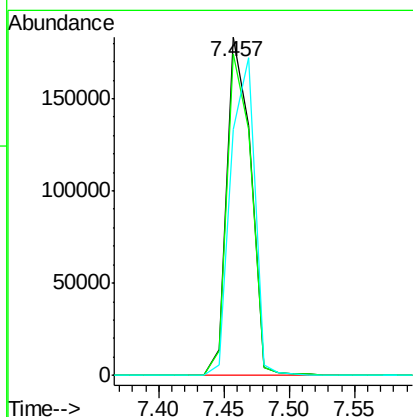
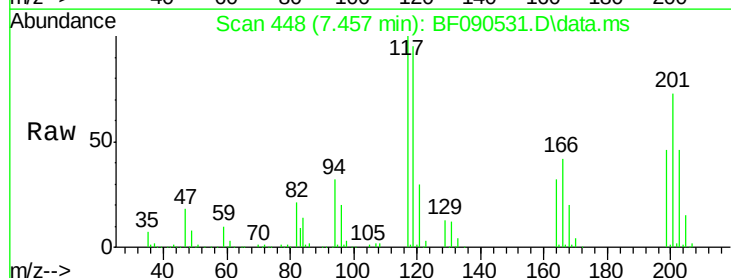
Instrument :
BNA_F
ClientSampleId :
PB93973BS

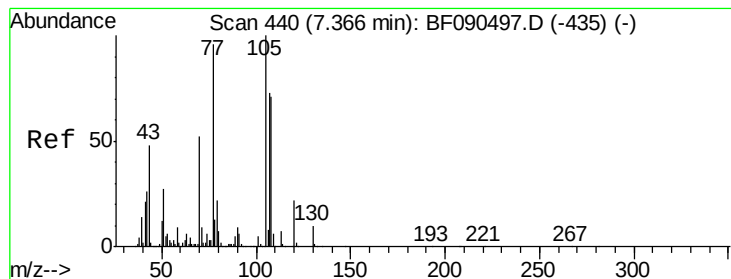
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.9	136.3
77	54.4	38.2	57.4
79	49.5	37.0	55.4



#18
Hexachloroethane
Concen: 37.47 ng
RT: 7.457 min Scan# 448
Delta R.T. -0.011 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.9	113.9
201	72.8	66.5	99.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.01 ng

RT: 7.366 min Scan# 440

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

Tot Ion: 70 Resp: 475066

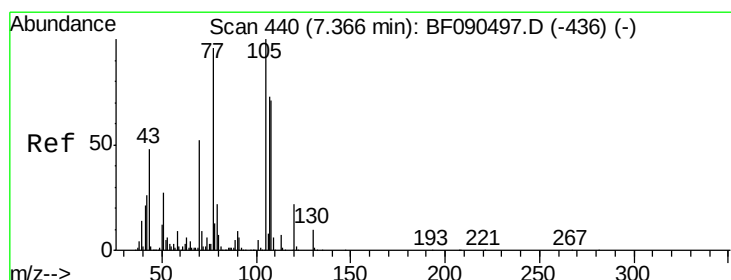
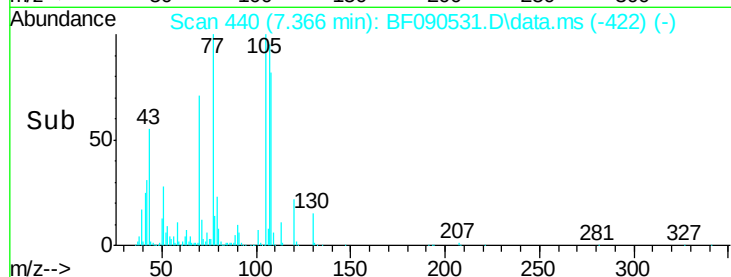
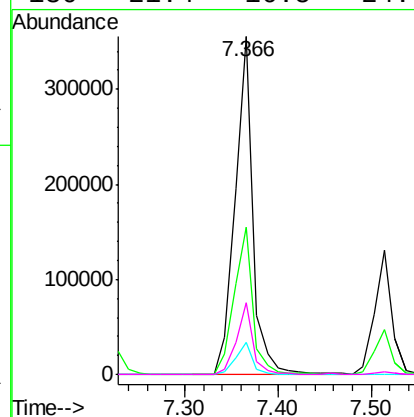
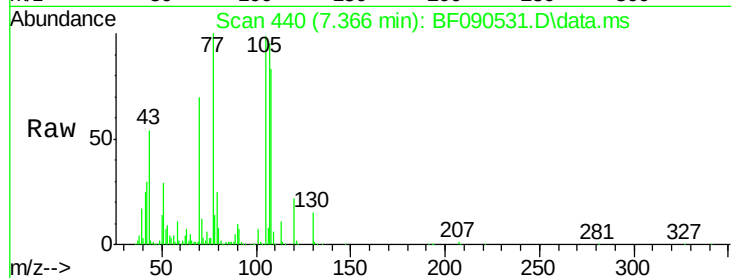
Ion Ratio Lower Upper

70 100

42 43.5 55.4 83.2#

101 9.7 7.6 11.4

130 21.4 16.5 24.7



#20

3+4-Methylphenols

Concen: 41.75 ng

RT: 7.366 min Scan# 440

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion:107 Resp: 658266

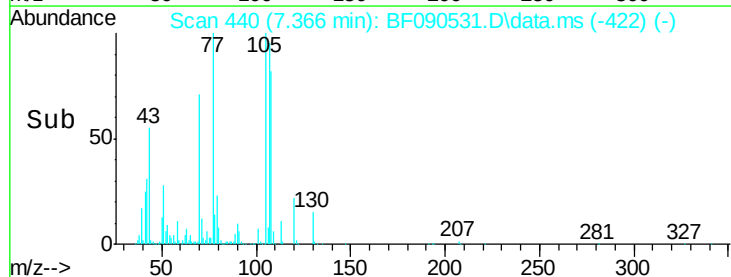
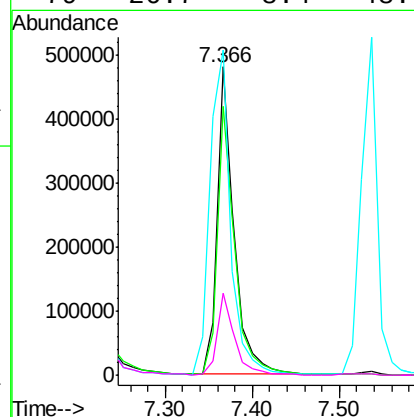
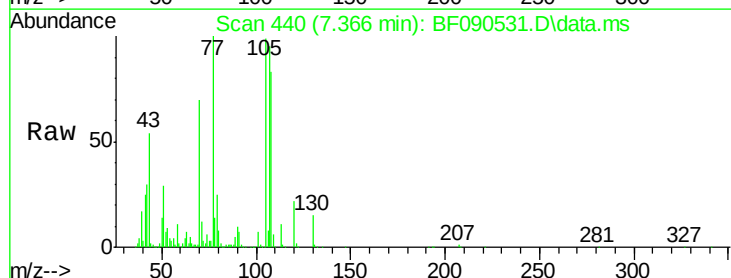
Ion Ratio Lower Upper

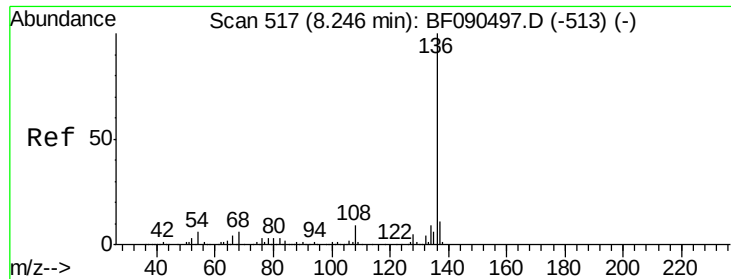
107 100

108 87.2 66.7 106.7

77 105.7 53.7 93.7#

79 26.7 8.4 48.4

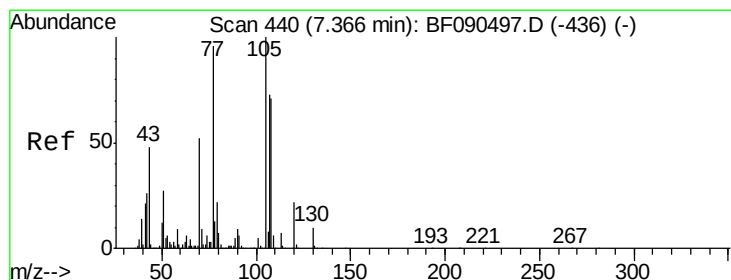
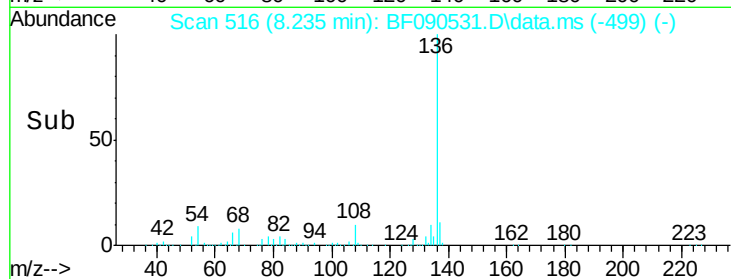
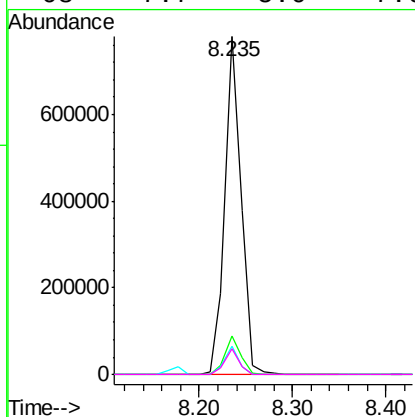
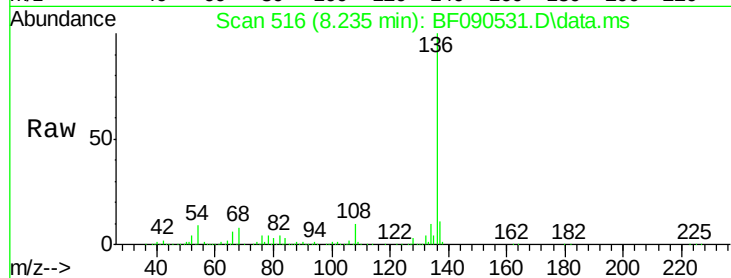




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.235 min Scan# 51
Delta R.T. -0.011 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

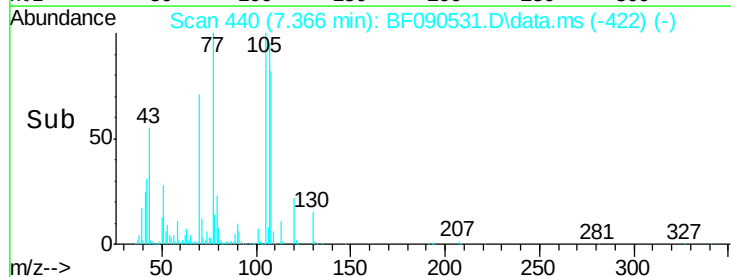
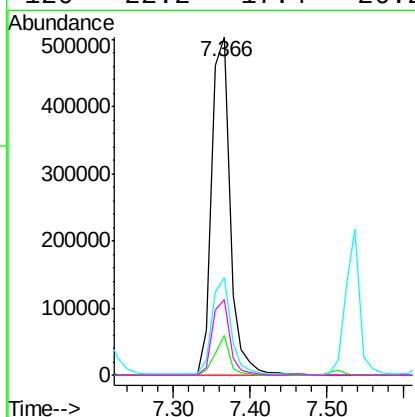
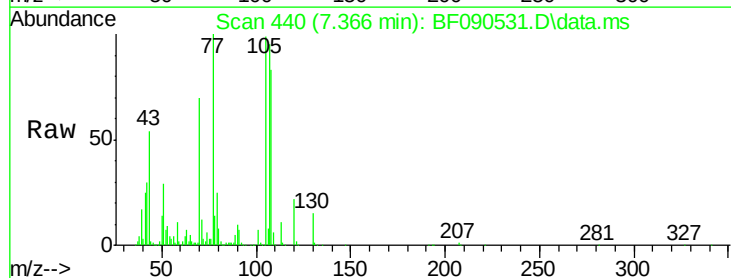
Instrument :
BNA_F
ClientSampleId :
PB93973BS

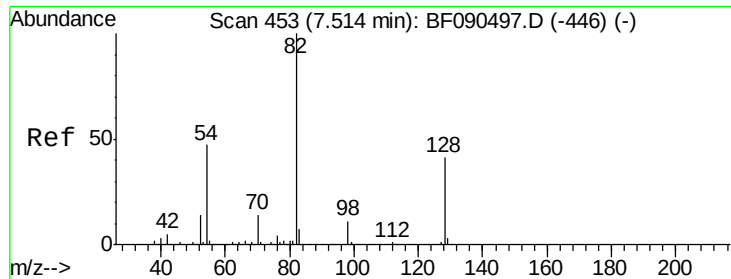
Tot Ion:136	Resp:	948879
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	8.5	6.6 10.0
68	7.7	5.0 7.6#



#22
Acetophenone
Concen: 40.28 ng
RT: 7.366 min Scan# 440
Delta R.T. 0.001 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion:105	Resp:	841379
Ion Ratio	Lower	Upper
105	100	
71	11.8	3.8 5.6#
51	28.9	28.2 42.4
120	22.2	17.4 26.2

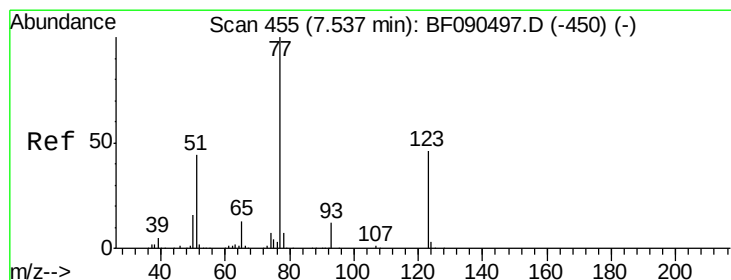
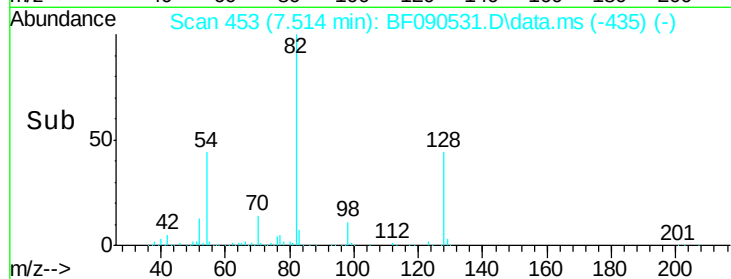
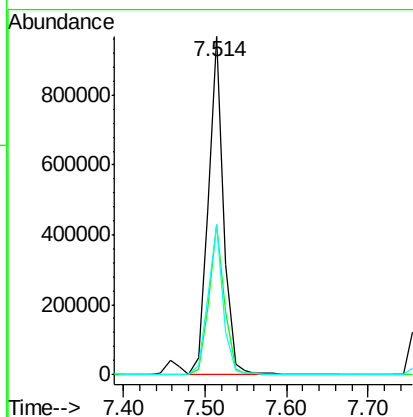
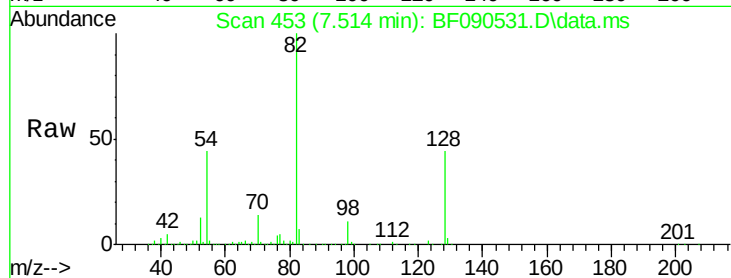




#23
 Nitrobenzene-d5
 Concen: 72.71 ng
 RT: 7.514 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

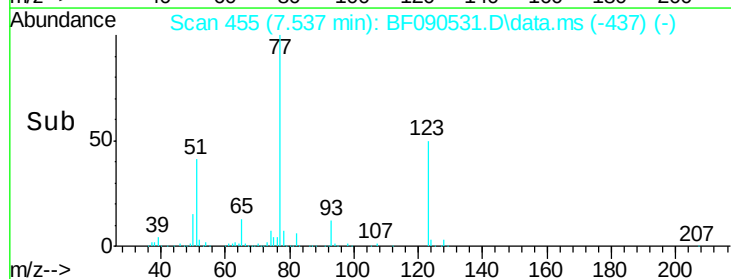
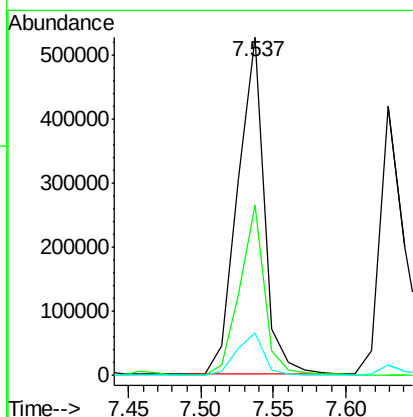
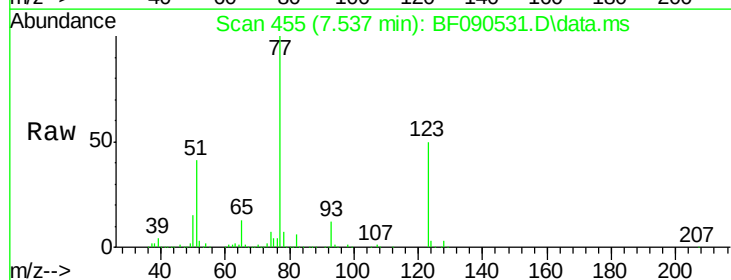
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

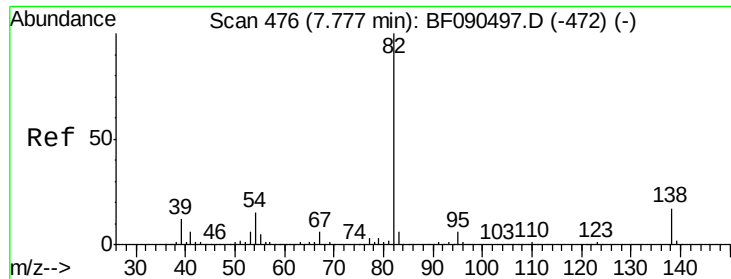
Tot Ion: 82 Resp: 1271960
 Ion Ratio Lower Upper
 82 100
 128 44.5 40.0 60.0
 54 44.4 42.6 64.0



#24
 Nitrobenzene
 Concen: 35.83 ng
 RT: 7.537 min Scan# 455
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion: 77 Resp: 672339
 Ion Ratio Lower Upper
 77 100
 123 50.2 33.0 49.4#
 65 12.7 12.0 18.0

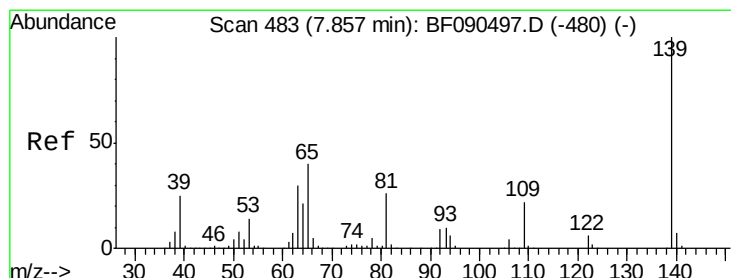
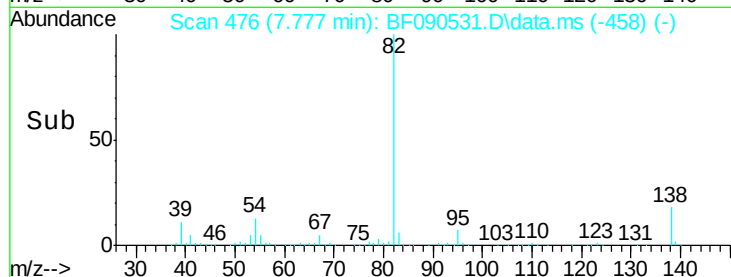
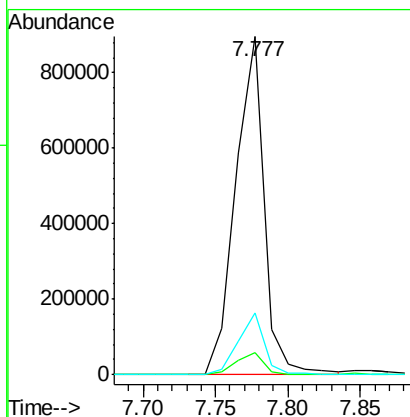
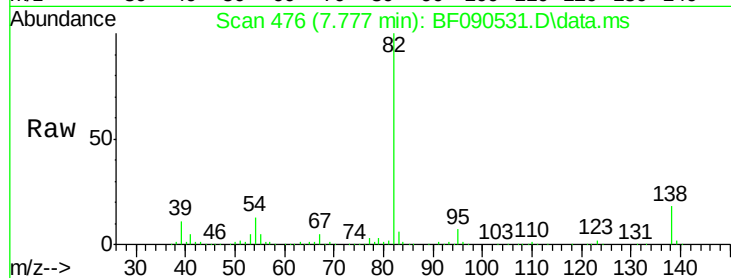




#25
Isophorone
Concen: 38.48 ng
RT: 7.777 min Scan# 47
Delta R.T. 0.000 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

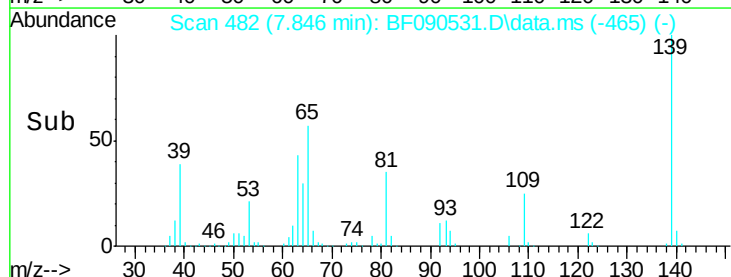
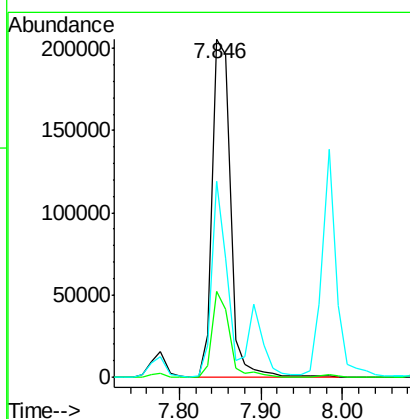
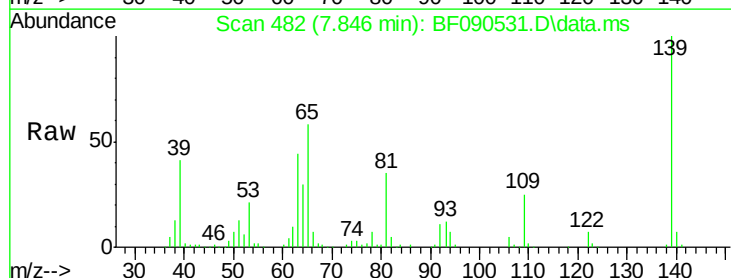
Instrument :
BNA_F
ClientSampleId :
PB93973BS

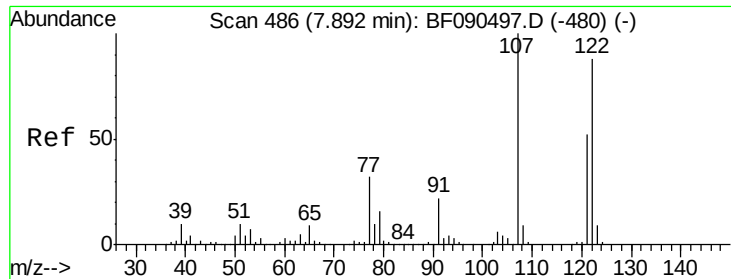
Tot Ion: 82 Resp: 1225102
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 18.2 13.0 19.4



#26
2-Nitrophenol
Concen: 37.88 ng
RT: 7.846 min Scan# 482
Delta R.T. -0.011 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion: 139 Resp: 324280
Ion Ratio Lower Upper
139 100
109 25.4 18.9 28.3
65 57.8 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 39.19 ng

RT: 7.892 min Scan# 486

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

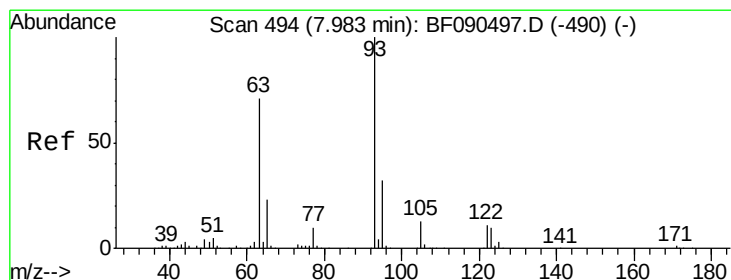
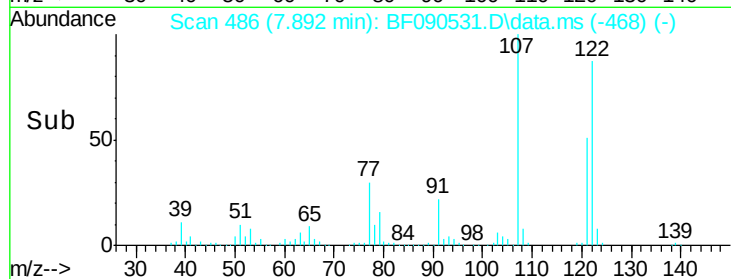
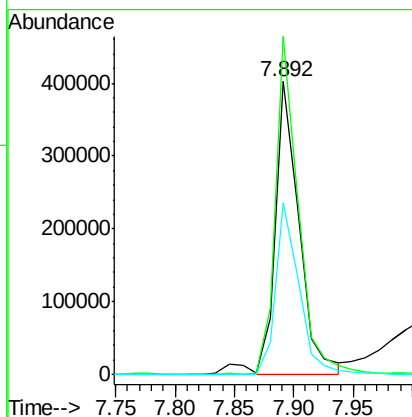
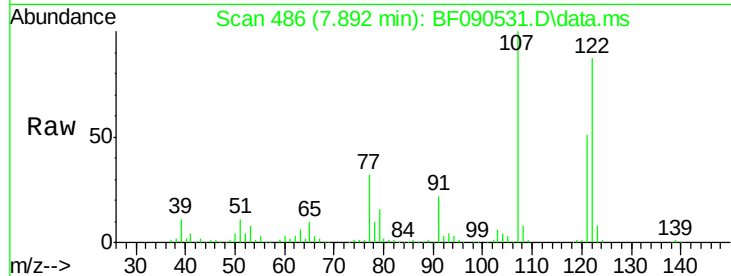
Tot Ion:122 Resp: 570261

Ion Ratio Lower Upper

122 100

107 115.3 88.6 132.8

121 58.7 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.54 ng

RT: 7.983 min Scan# 494

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

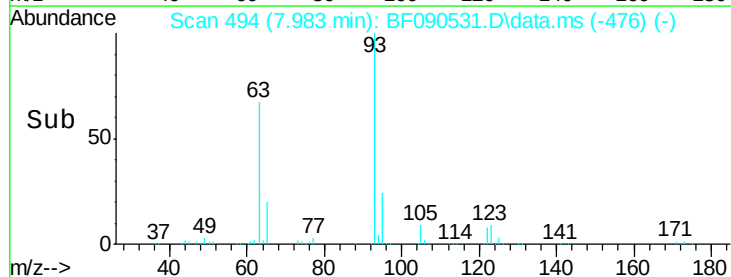
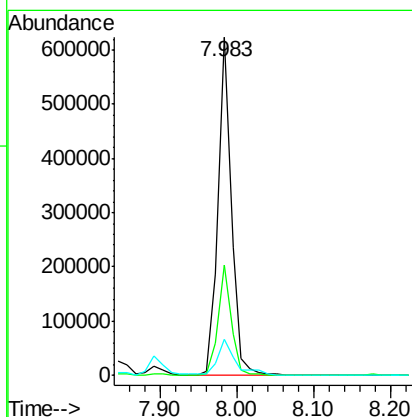
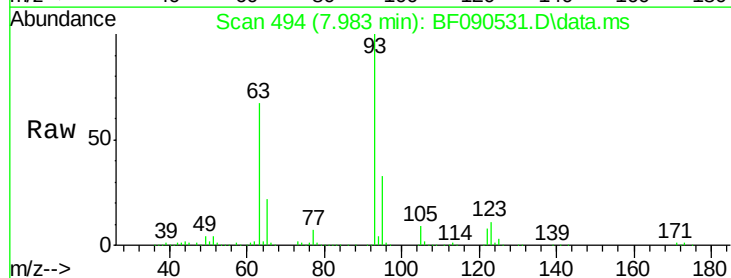
Tgt Ion: 93 Resp: 757782

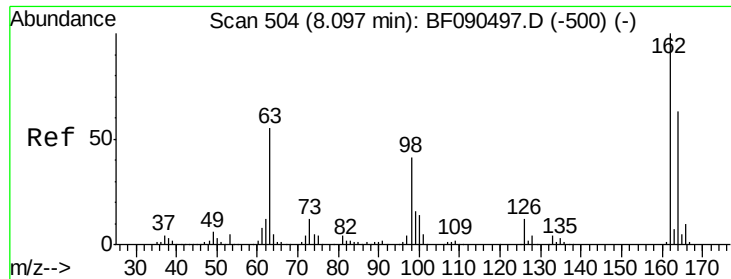
Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.4

123 10.8 11.1 16.7#

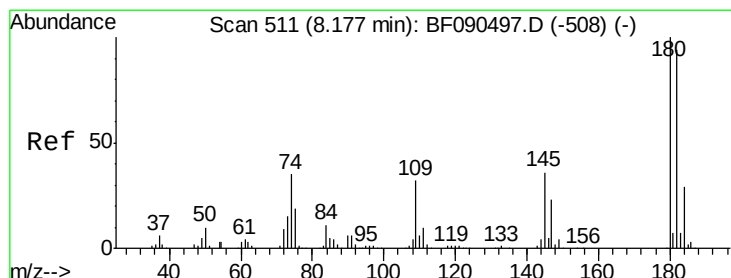
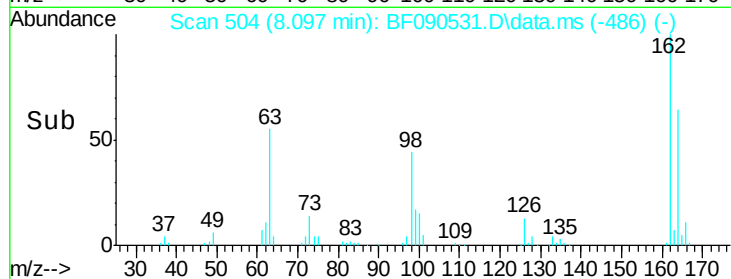
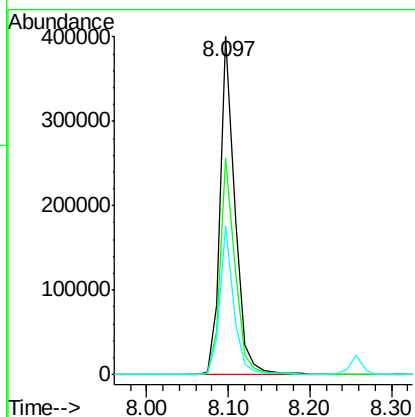
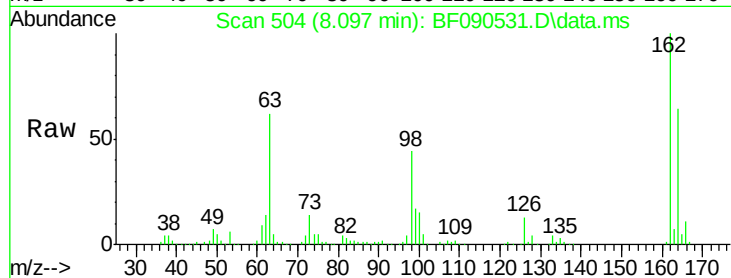




#29
 2,4-Dichlorophenol
 Concen: 41.05 ng
 RT: 8.097 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

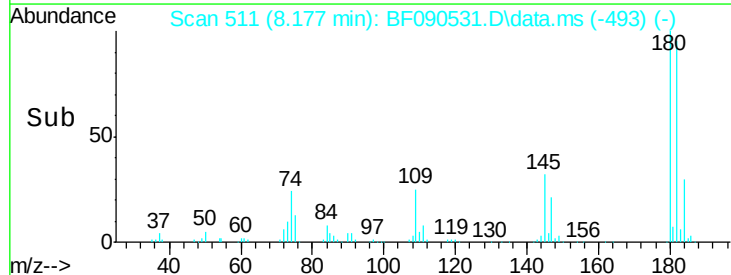
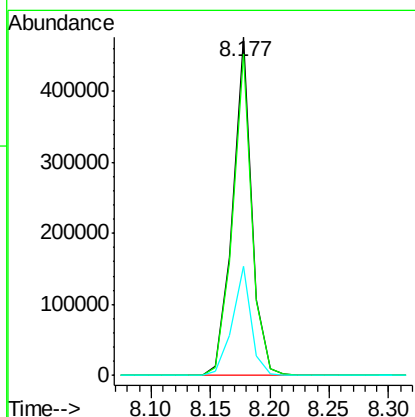
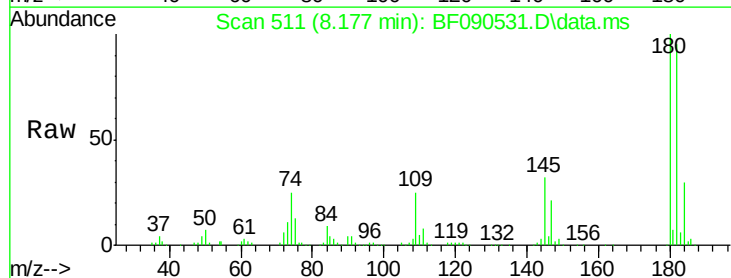
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

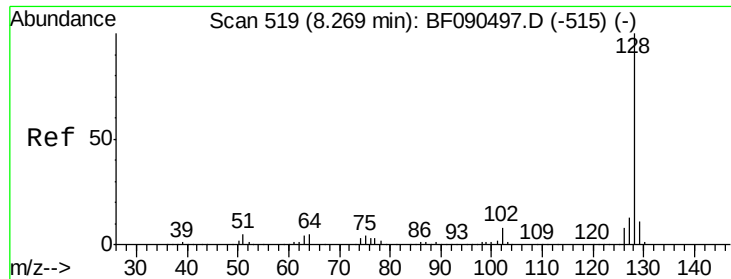
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.7	85.7
98	44.2	13.3	53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 38.01 ng
 RT: 8.177 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.3	112.9
145	32.4	27.7	41.5

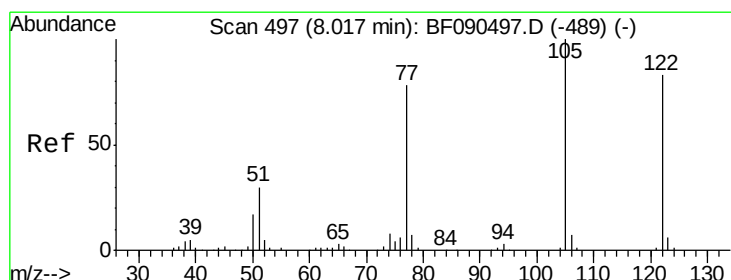
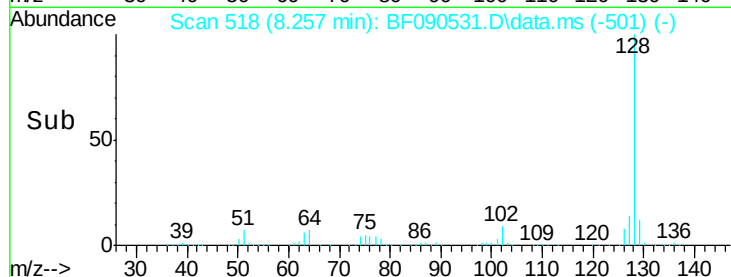
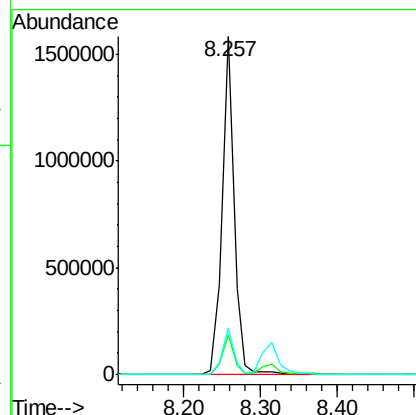
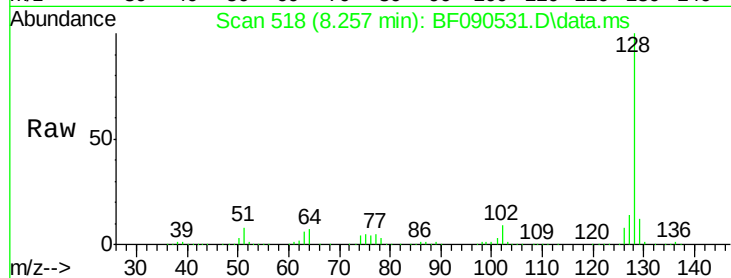




#31
Naphthalene
Concen: 36.61 ng
RT: 8.257 min Scan# 51
Delta R.T. -0.011 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

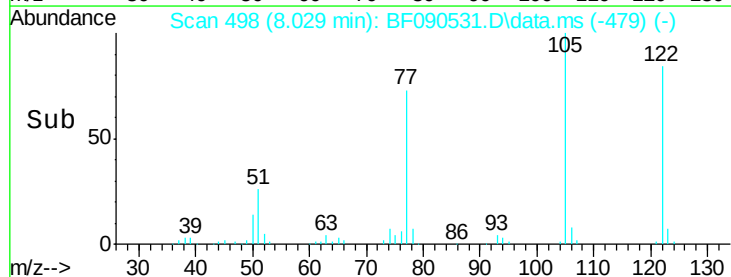
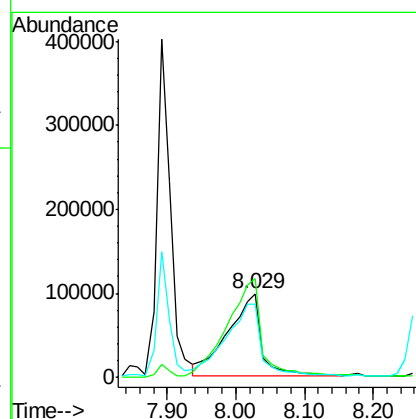
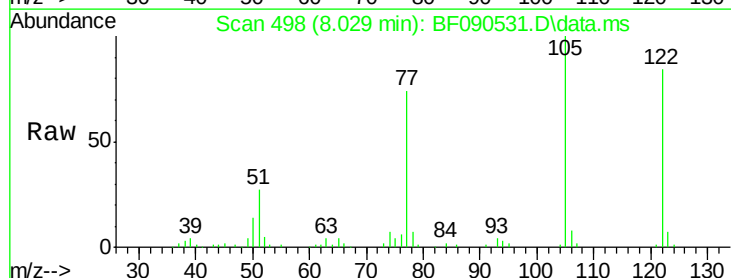
Instrument :
BNA_F
ClientSampleId :
PB93973BS

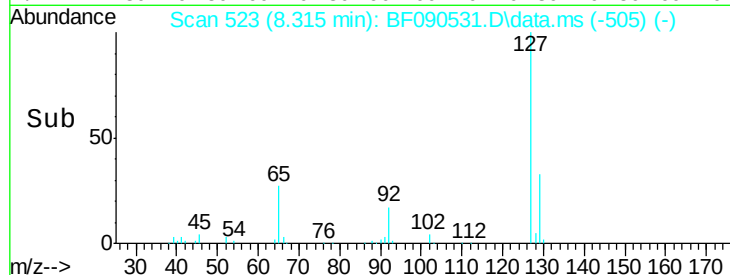
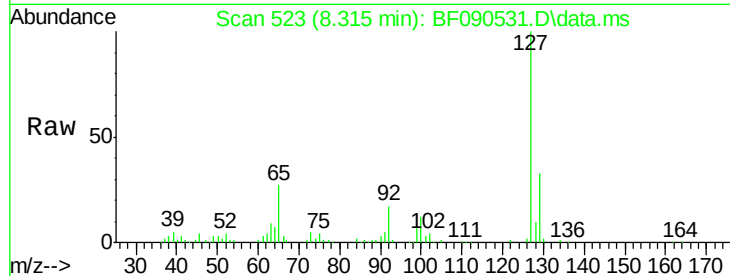
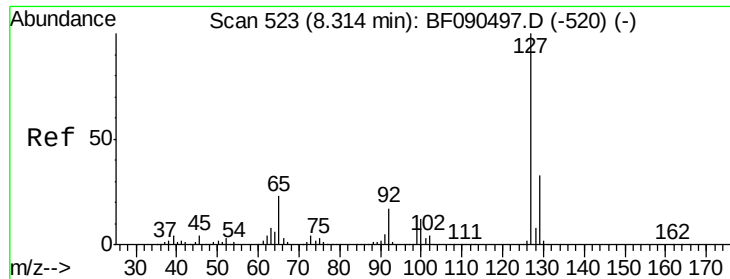
Tot Ion:128 Resp: 1730765
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.7 11.7 17.5



#32
Benzoic acid
Concen: 28.98 ng
RT: 8.029 min Scan# 498
Delta R.T. 0.011 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion:122 Resp: 332832
Ion Ratio Lower Upper
122 100
105 118.5 103.9 143.9
77 87.4 74.6 114.6

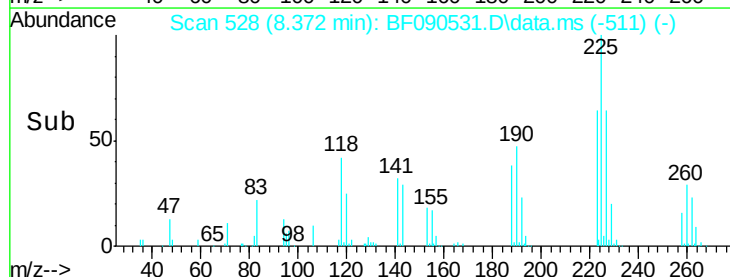
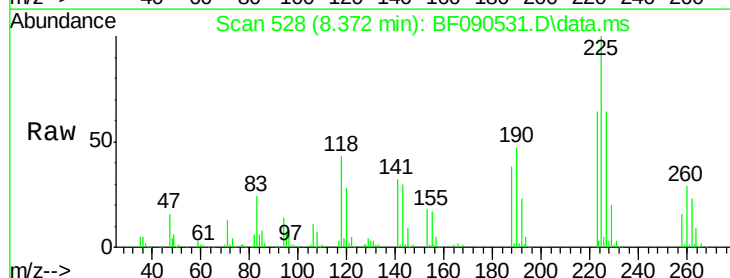
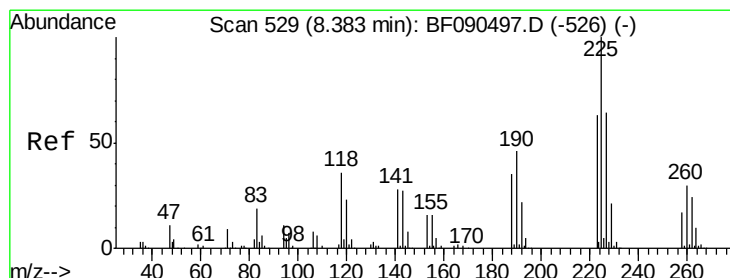
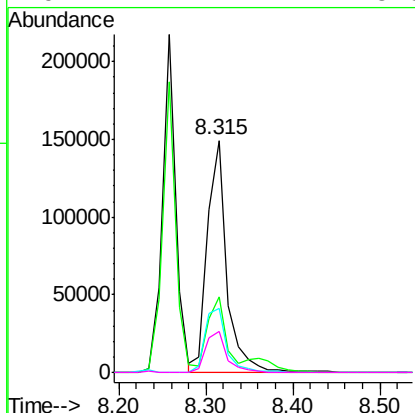




#33
4-Chloroaniline
Concen: 11.69 ng
RT: 8.315 min Scan# 52
Delta R.T. 0.000 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

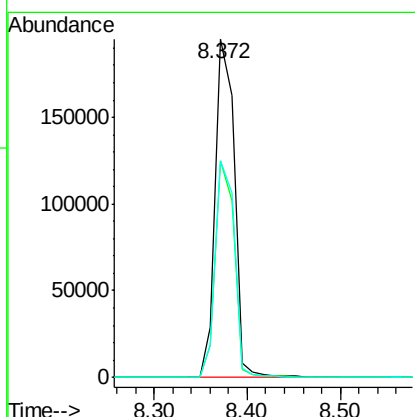
Instrument :
BNA_F
ClientSampleId :
PB93973BS

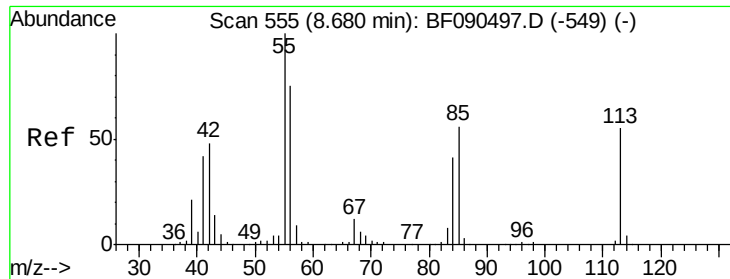
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	27.4	32.5	48.7#
92	17.4	17.2	25.8



#34
Hexachlorobutadiene
Concen: 35.33 ng
RT: 8.372 min Scan# 528
Delta R.T. -0.011 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.4
227	64.1	50.8	76.2





#35

Caprolactam

Concen: 25.56 ng

RT: 8.680 min Scan# 555

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

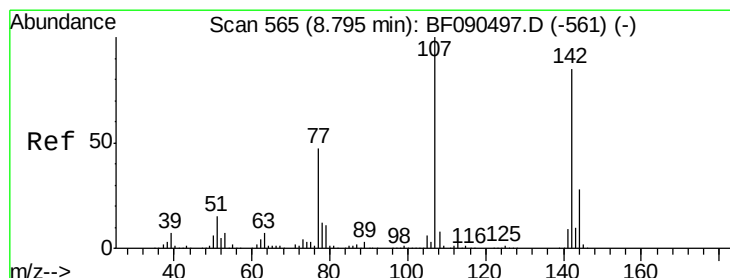
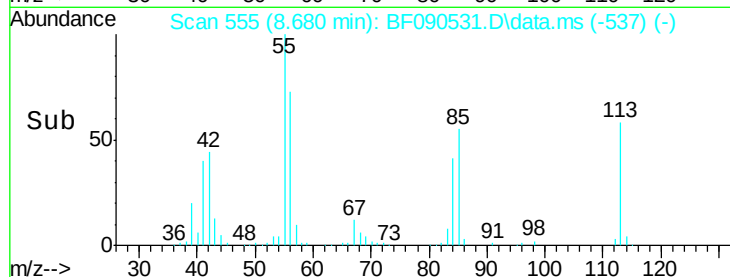
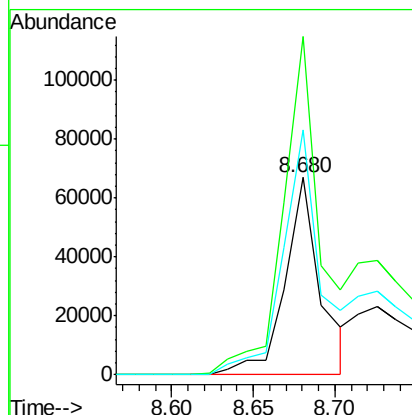
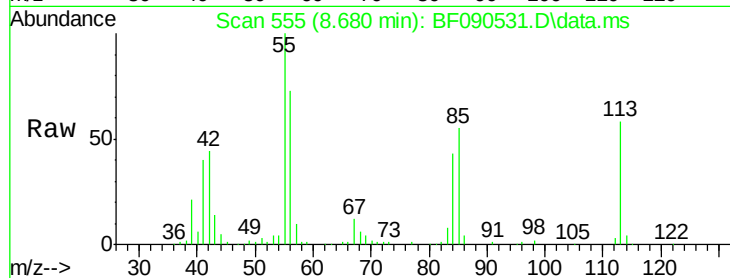
Tot Ion:113 Resp: 100869

Ion Ratio Lower Upper

113 100

55 171.4 203.3 243.3#

56 124.4 140.5 180.5#



#36

4-Chloro-3-methylphenol

Concen: 40.21 ng

RT: 8.806 min Scan# 566

Delta R.T. 0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

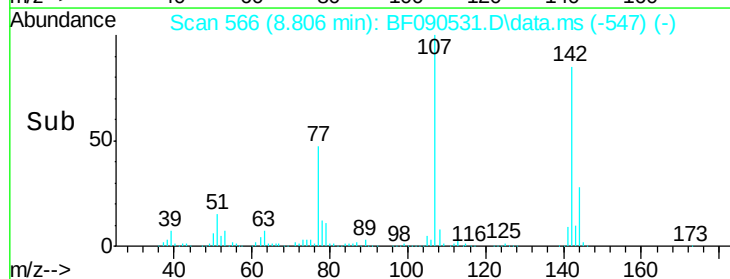
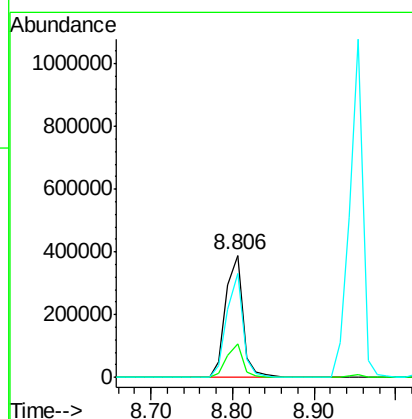
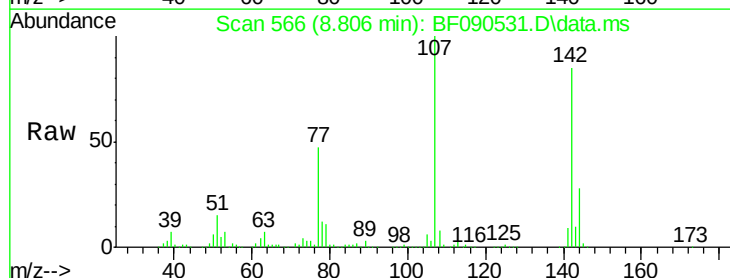
Tgt Ion:107 Resp: 571464

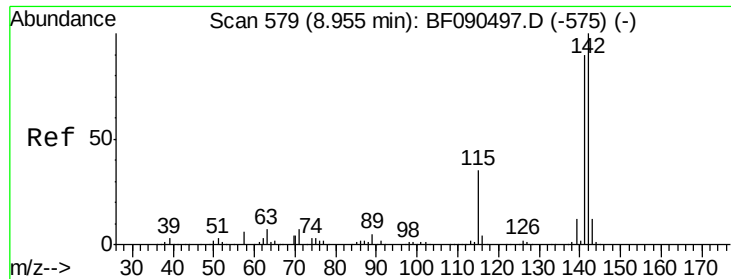
Ion Ratio Lower Upper

107 100

144 27.8 19.8 29.8

142 85.0 60.7 91.1

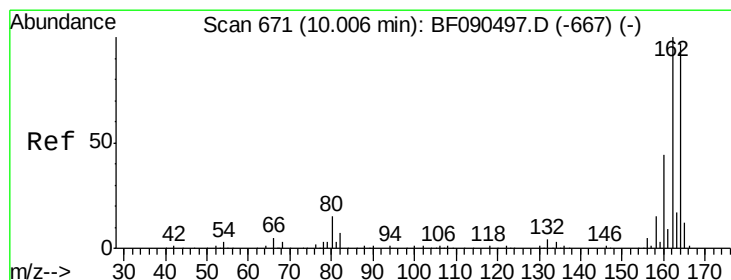
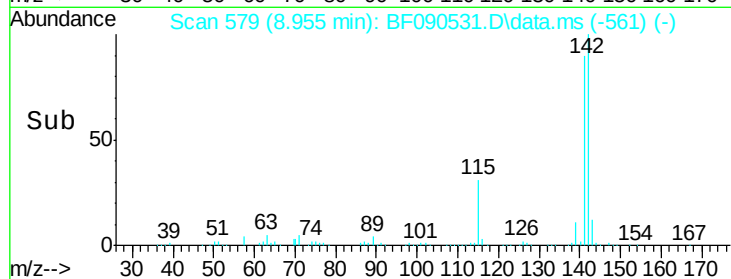
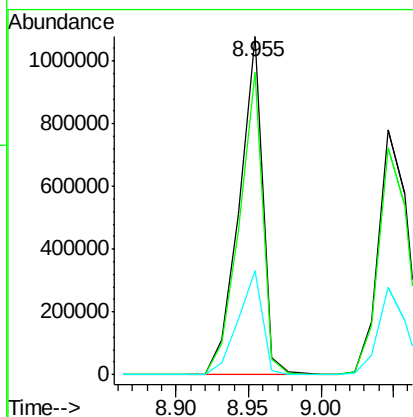
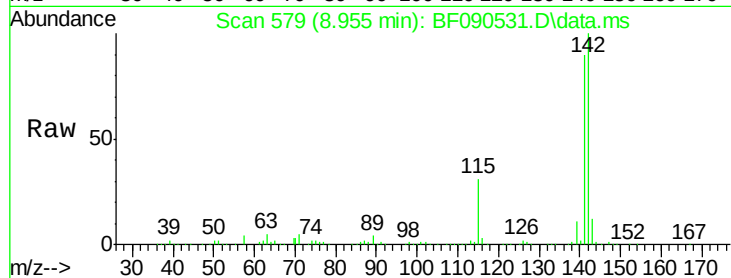




#37
 2-Methylnaphthalene
 Concen: 38.10 ng
 RT: 8.955 min Scan# 57
 Delta R.T. 0.001 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

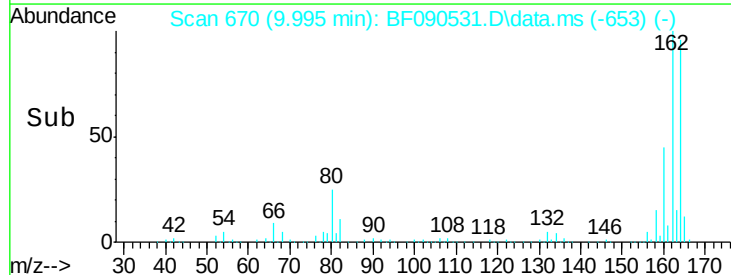
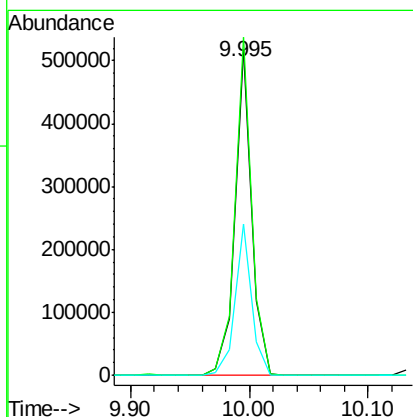
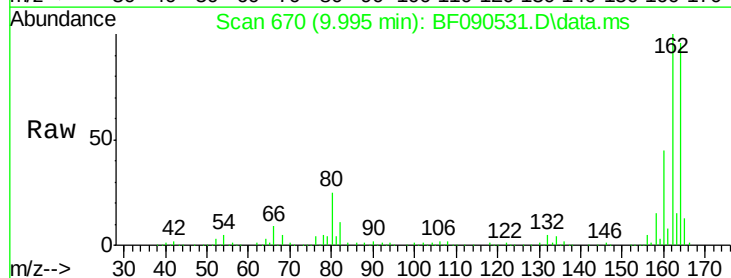
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

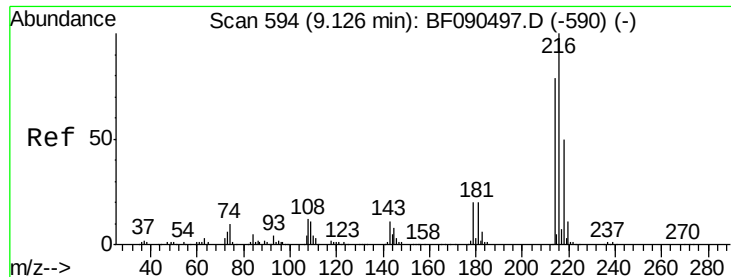
Tot Ion:142 Resp: 1208929
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.8 107.8
 115 30.9 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.995 min Scan# 670
 Delta R.T. -0.011 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion:164 Resp: 506670
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.1 120.1
 160 46.3 36.3 54.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.27 ng

RT: 9.115 min Scan# 591

Delta R.T. -0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

Tot Ion:216 Resp: 500256

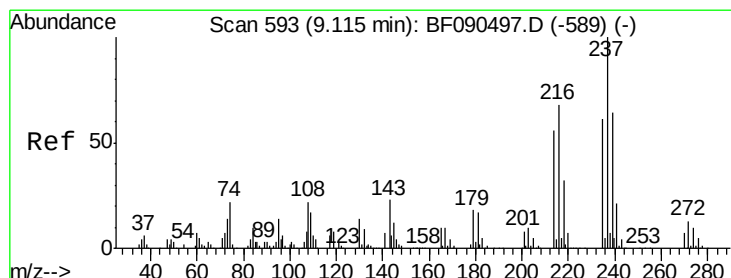
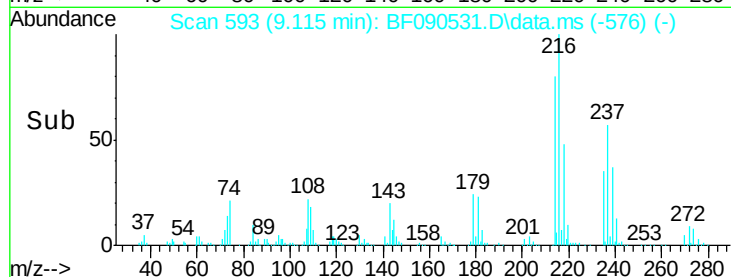
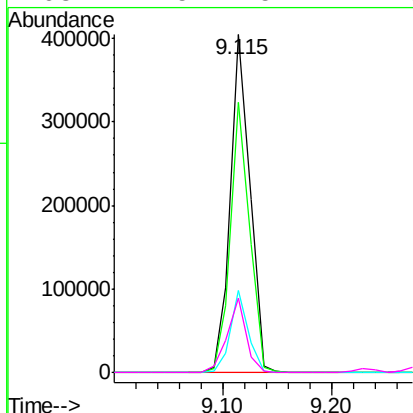
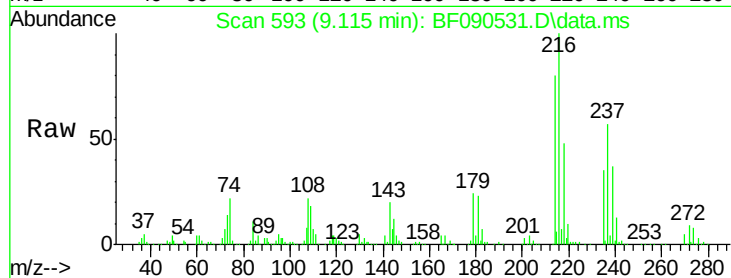
Ion Ratio Lower Upper

216 100

214 78.2 64.2 96.2

179 21.9 18.0 27.0

108 21.5 15.2 22.8



#40

Hexachlorocyclopentadiene

Concen: 86.06 ng

RT: 9.103 min Scan# 592

Delta R.T. -0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

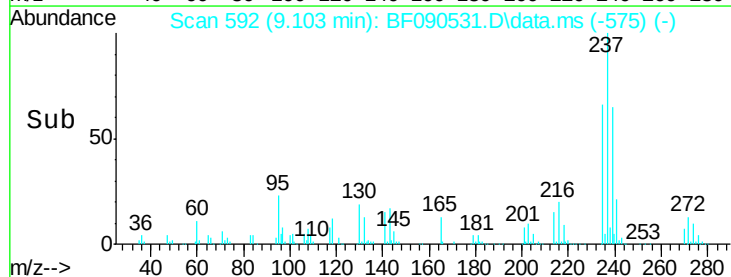
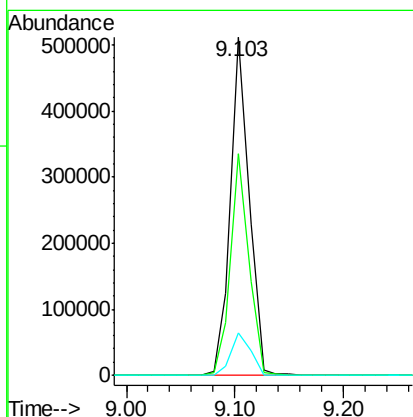
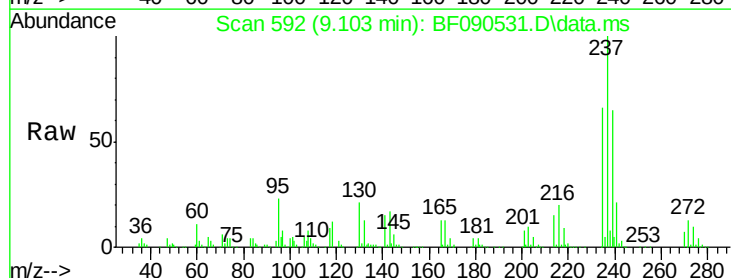
Tgt Ion:237 Resp: 605939

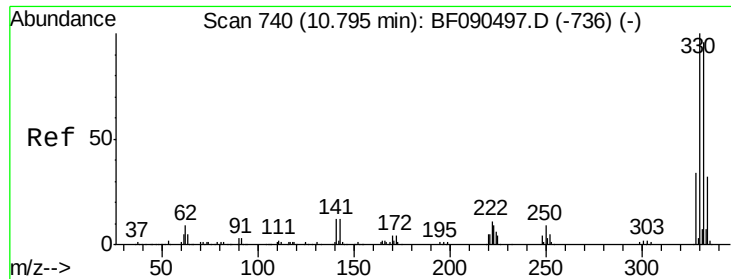
Ion Ratio Lower Upper

237 100

235 65.6 43.6 83.6

272 12.6 0.0 32.7

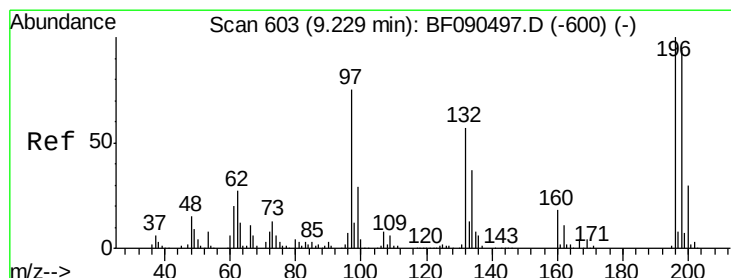
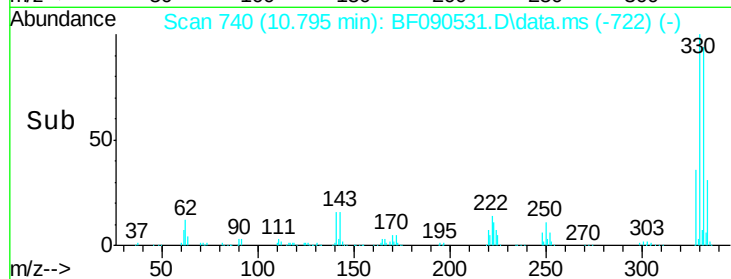
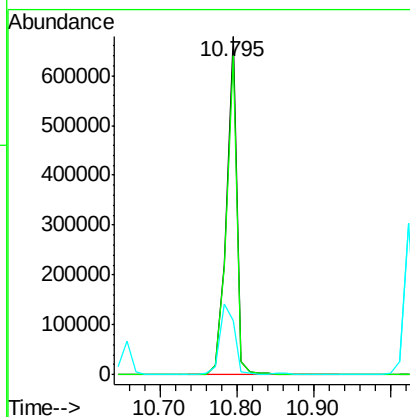
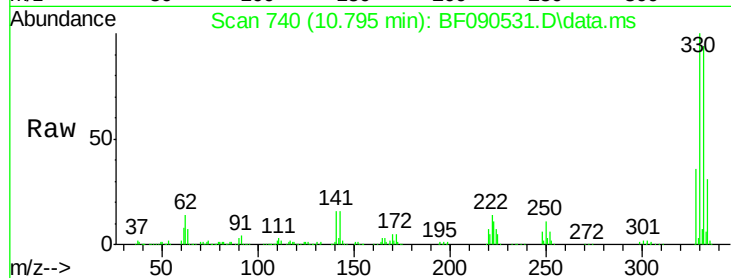




#41
 2,4,6-Tribromophenol
 Concen: 131.61 ng
 RT: 10.795 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

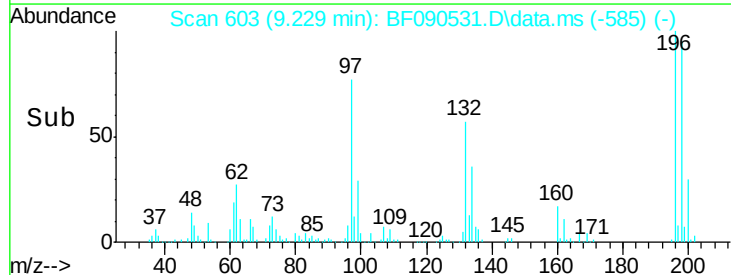
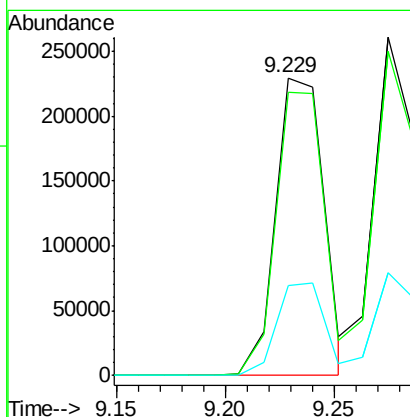
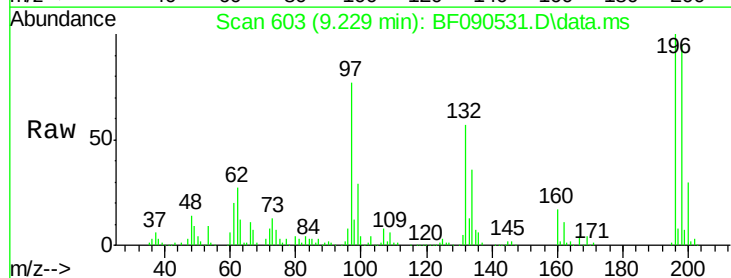
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

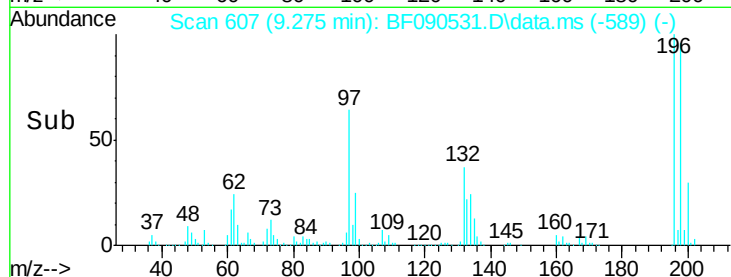
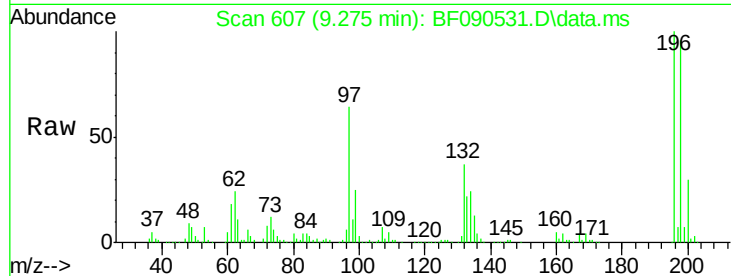
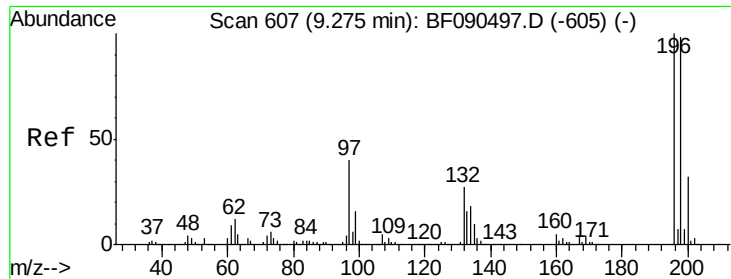
Tot Ion:330 Resp: 661013
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.4 113.0
 141 28.8 26.9 40.3



#42
 2,4,6-Trichlorophenol
 Concen: 36.99 ng
 RT: 9.229 min Scan# 603
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion:196 Resp: 353755
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.9 118.3
 200 30.0 25.4 38.2

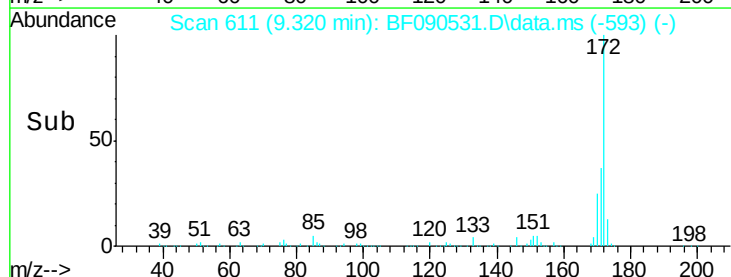
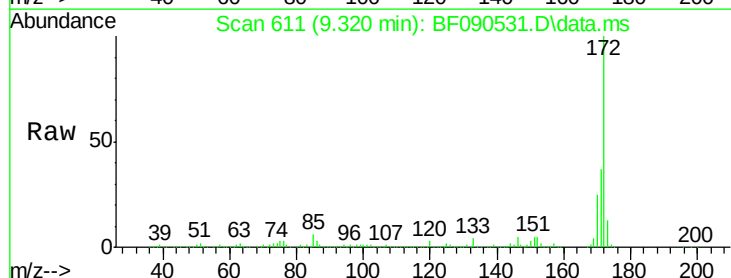
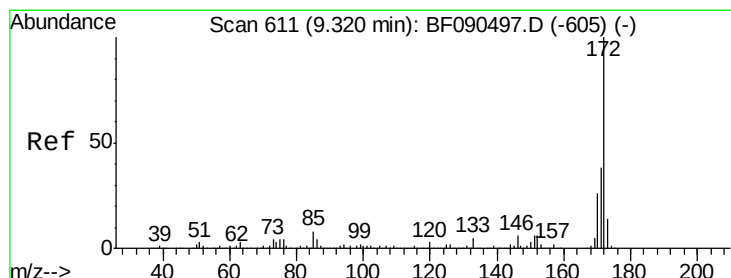
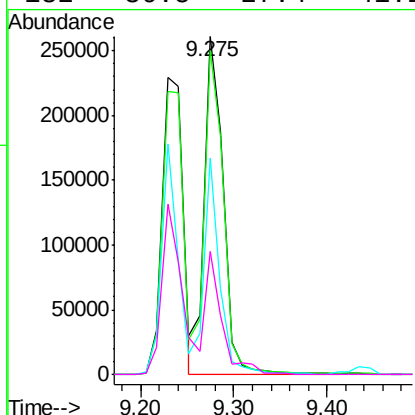




#43
2,4,5-Trichlorophenol
Concen: 38.81 ng
RT: 9.275 min Scan# 607
Delta R.T. 0.000 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

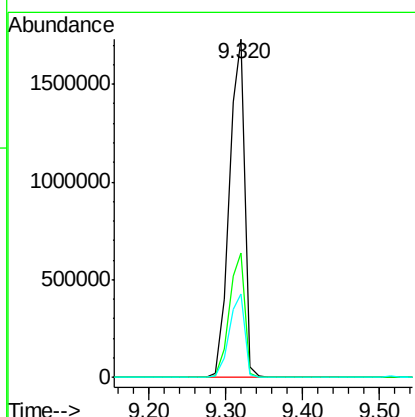
Instrument :
BNA_F
ClientSampleId :
PB93973BS

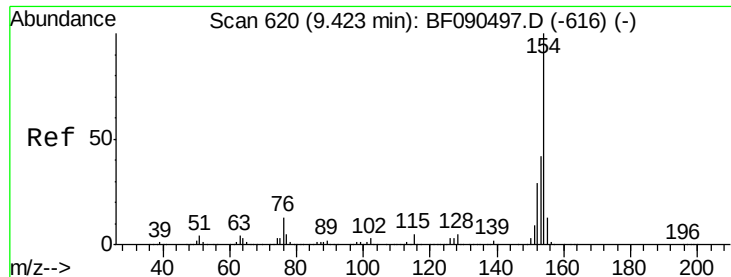
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.1	117.1
97	64.0	48.1	72.1
132	36.5	27.4	41.2



#44
2-Fluorobiphenyl
Concen: 82.64 ng
RT: 9.320 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.8	47.8
170	24.6	21.7	32.5





#45

1,1'-Biphenyl

Concen: 35.62 ng

RT: 9.412 min Scan# 61

Delta R.T. -0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

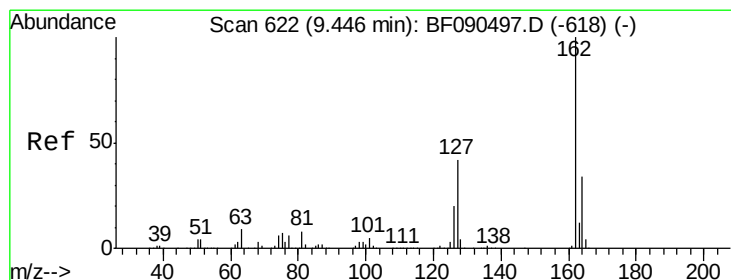
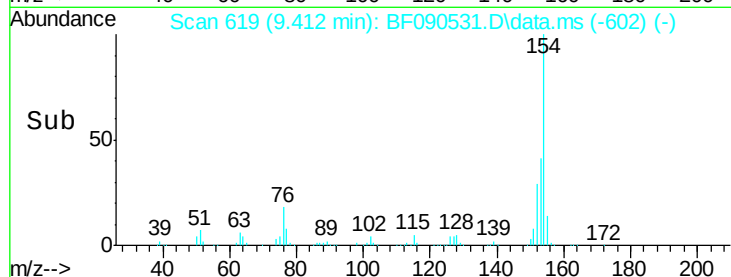
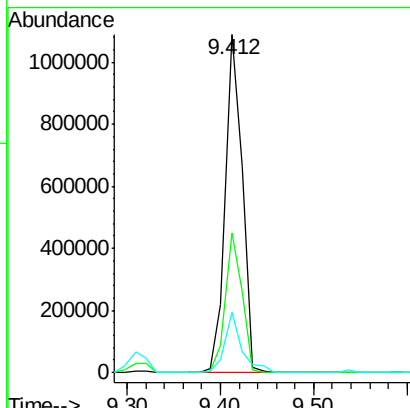
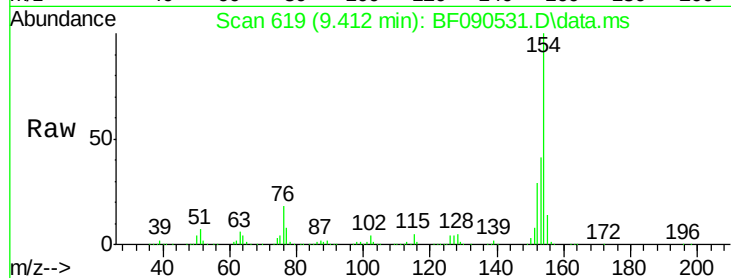
Tot Ion:154 Resp: 1378557

Ion Ratio Lower Upper

154 100

153 41.1 23.8 63.8

76 17.7 0.0 35.8



#46

2-Chloronaphthalene

Concen: 39.63 ng

RT: 9.446 min Scan# 622

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

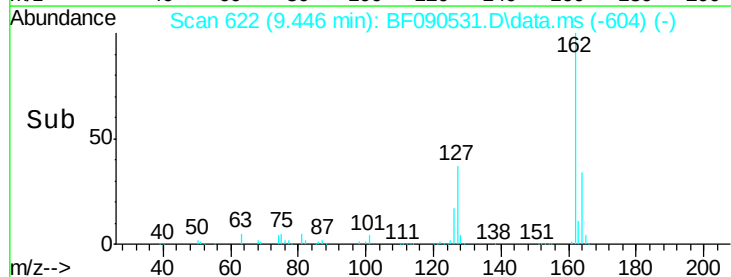
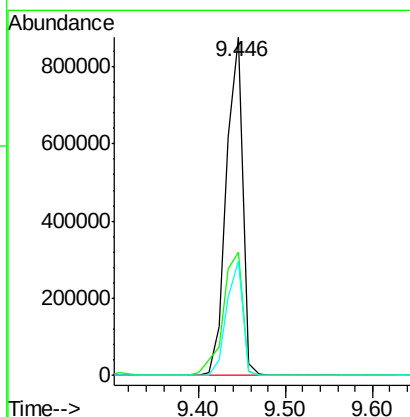
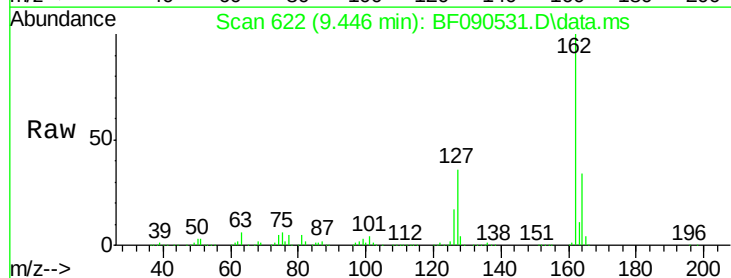
Tgt Ion:162 Resp: 1140925

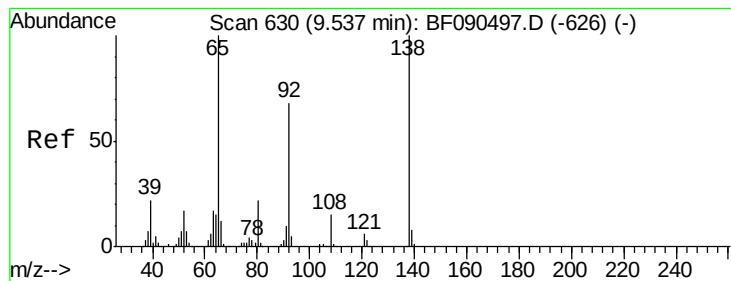
Ion Ratio Lower Upper

162 100

127 36.5 35.6 53.4

164 33.8 27.5 41.3





#47

2-Nitroaniline

Concen: 34.23 ng

RT: 9.537 min Scan# 630

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

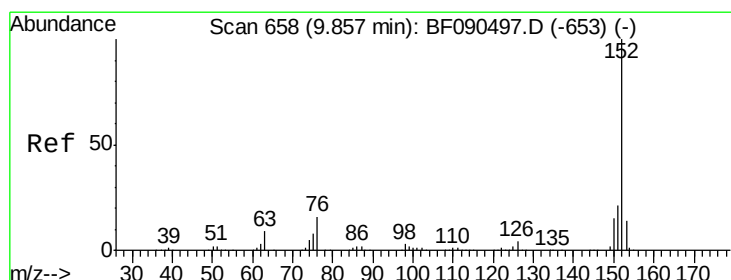
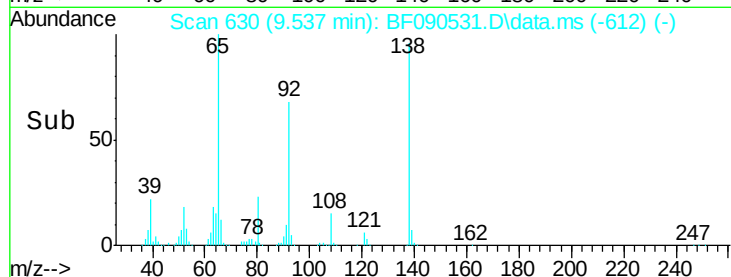
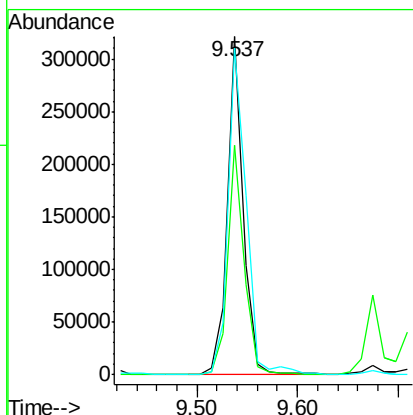
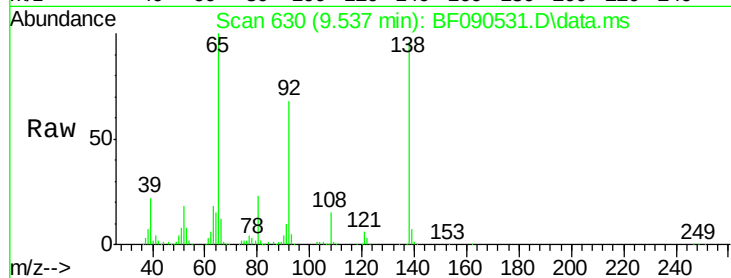
Tot Ion: 65 Resp: 351575

Ion Ratio Lower Upper

65 100

92 67.8 51.7 77.5

138 96.4 79.0 118.4



#48

Acenaphthylene

Concen: 35.87 ng

RT: 9.858 min Scan# 658

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

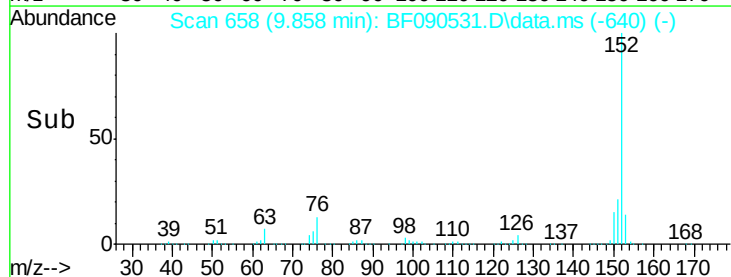
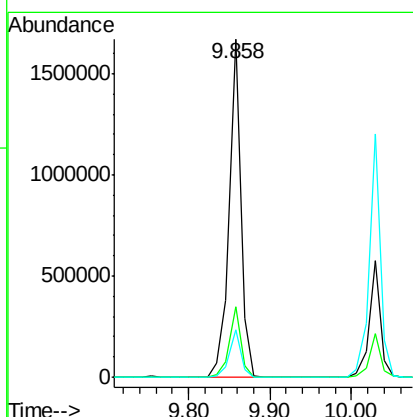
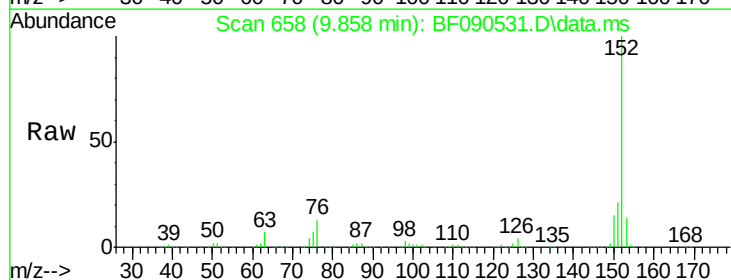
Tgt Ion: 152 Resp: 1666113

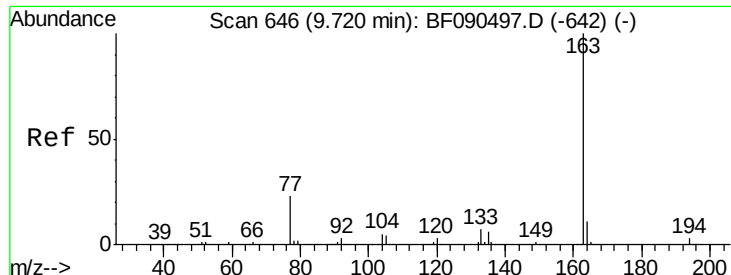
Ion Ratio Lower Upper

152 100

151 20.9 17.4 26.0

153 14.1 11.6 17.4

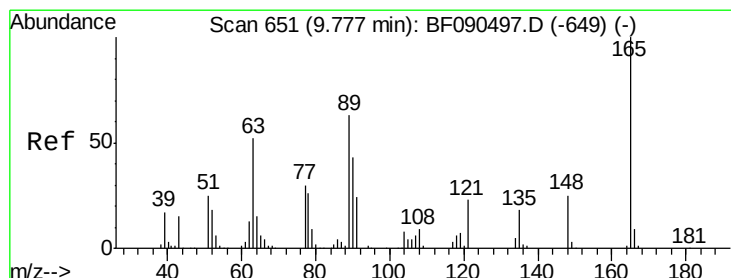
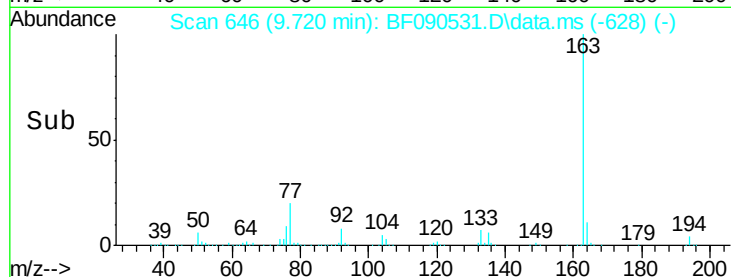
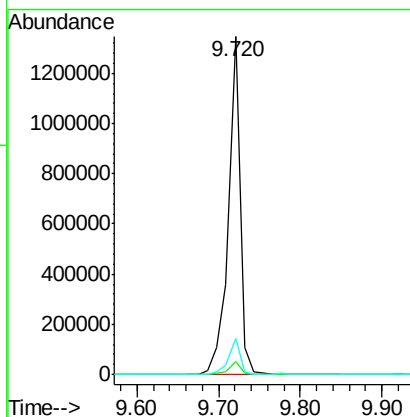
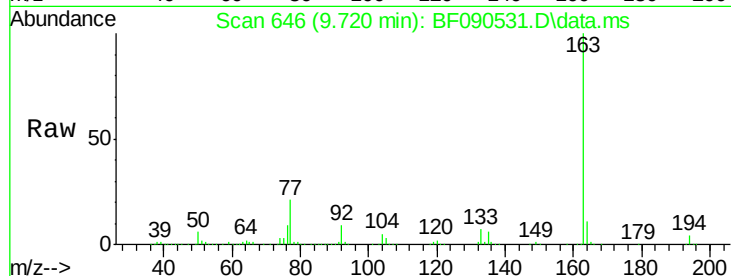




#49
Dimethylphthalate
Concen: 39.32 ng
RT: 9.720 min Scan# 646
Delta R.T. 0.000 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

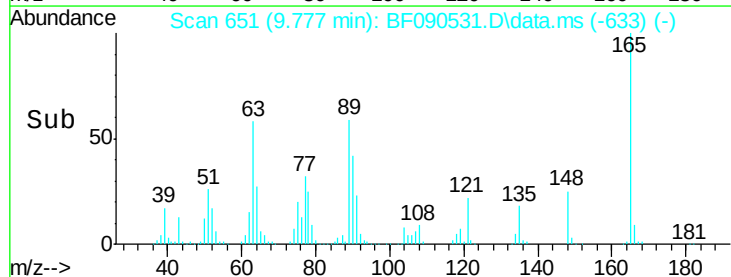
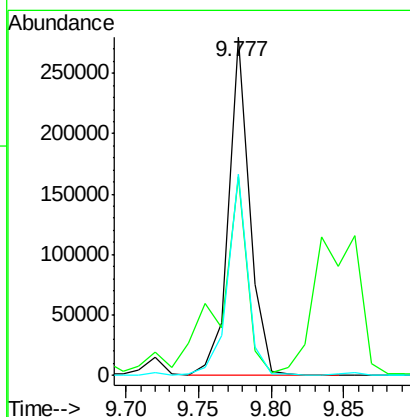
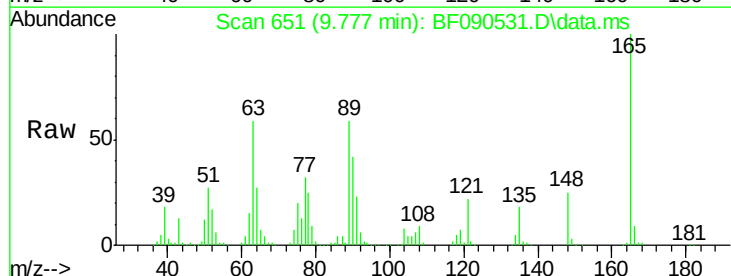
Instrument :
BNA_F
ClientSampleId :
PB93973BS

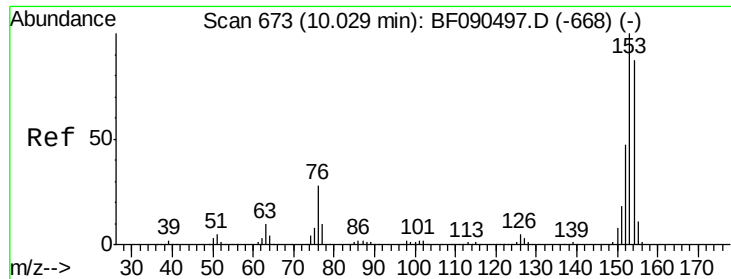
Tot Ion:163 Resp: 1339768
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.6 9.0 13.4



#50
2,6-Dinitrotoluene
Concen: 37.64 ng
RT: 9.777 min Scan# 651
Delta R.T. 0.000 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion:165 Resp: 283199
Ion Ratio Lower Upper
165 100
63 58.7 58.0 87.0
89 59.4 51.2 76.8





#51

Acenaphthene

Concen: 36.69 ng

RT: 10.029 min Scan# 673

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

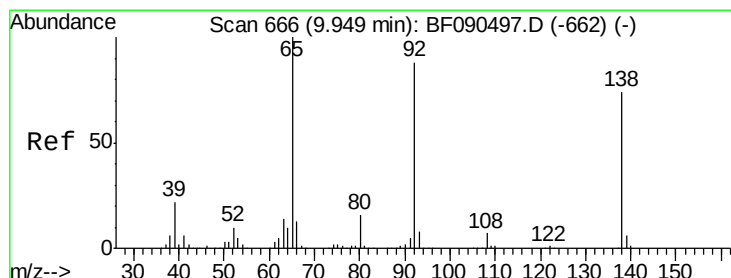
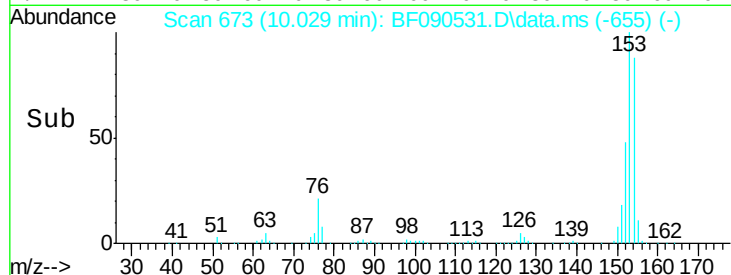
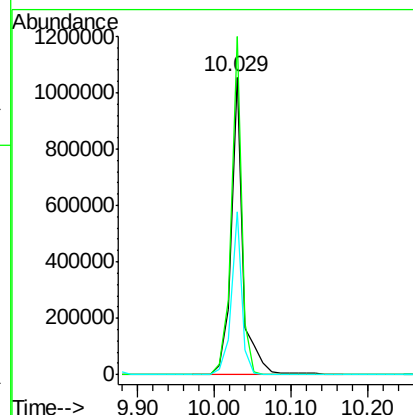
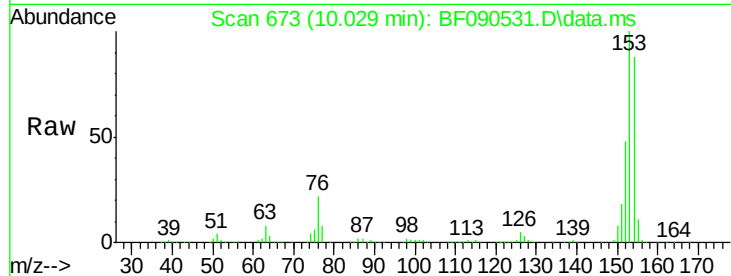
Tot Ion:154 Resp: 1142190

Ion Ratio Lower Upper

154 100

153 113.6 88.6 133.0

152 54.7 42.6 64.0



#52

3-Nitroaniline

Concen: 15.85 ng

RT: 9.949 min Scan# 666

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

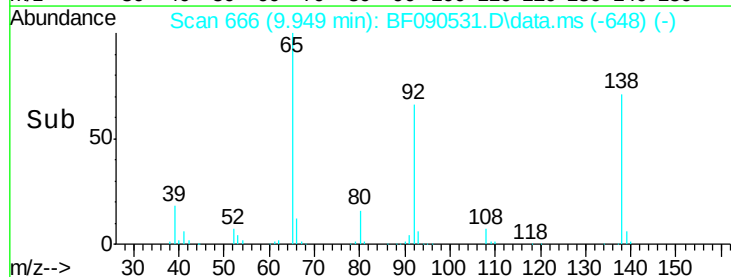
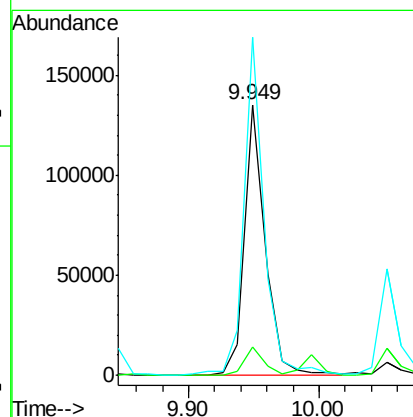
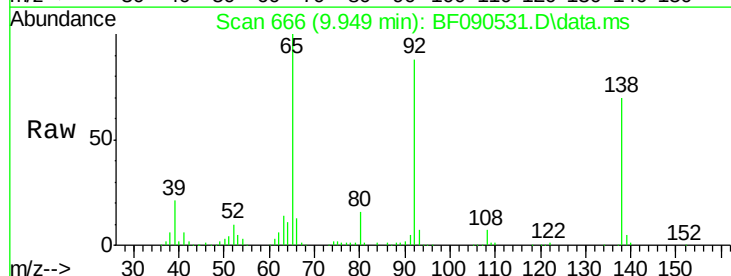
Tgt Ion:138 Resp: 147986

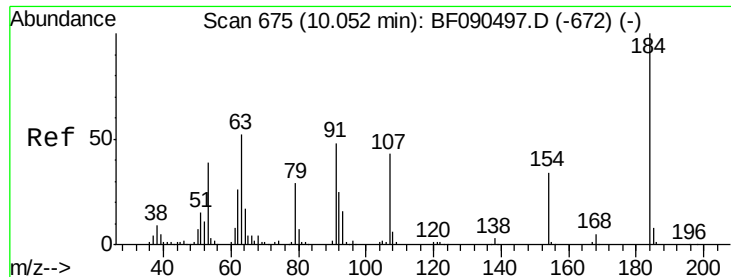
Ion Ratio Lower Upper

138 100

108 10.3 9.7 14.5

92 125.0 97.1 145.7

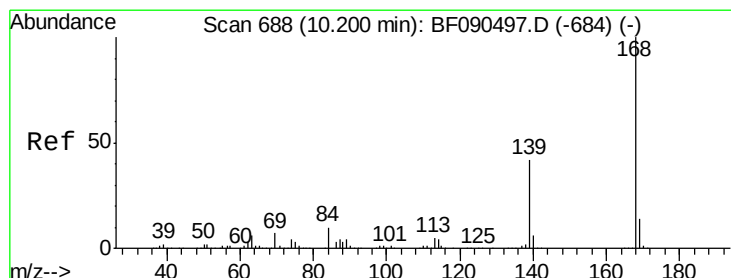
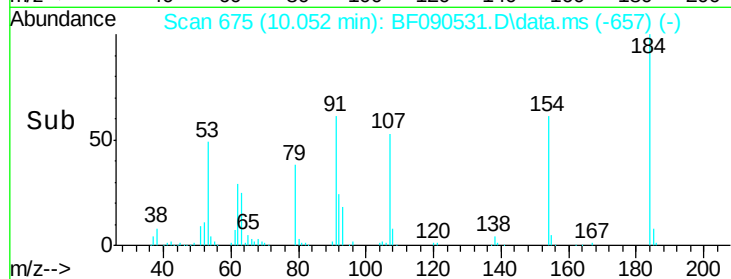
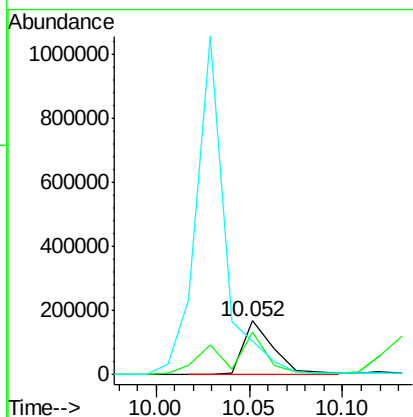
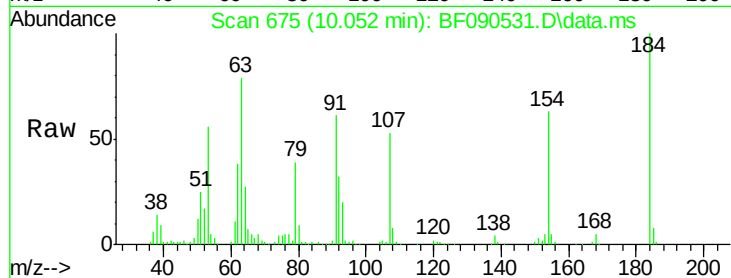




#53
 2,4-Dinitrophenol
 Concen: 45.83 ng
 RT: 10.052 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

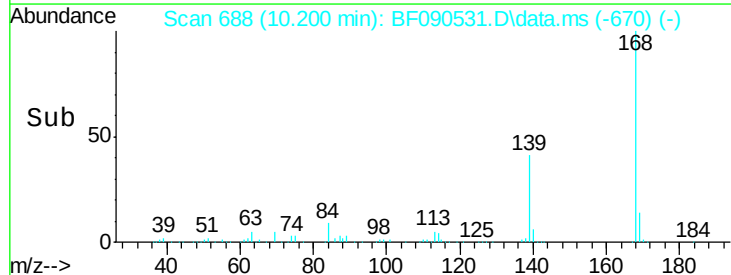
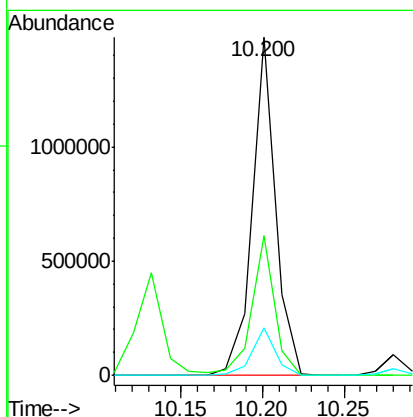
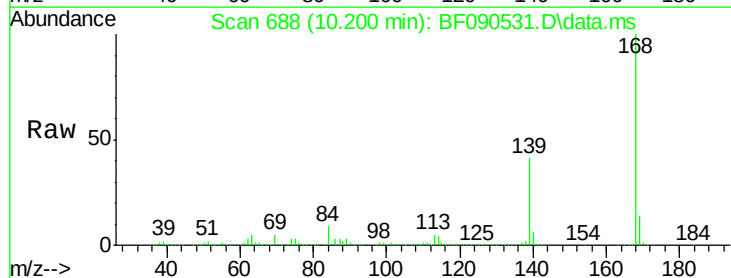
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

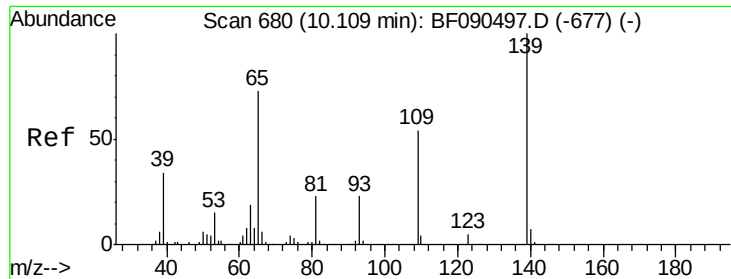
Tot Ion:184 Resp: 191332
 Ion Ratio Lower Upper
 184 100
 63 78.6 41.9 62.9#
 154 62.8 48.9 73.3



#54
 Dibenzofuran
 Concen: 35.48 ng
 RT: 10.200 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion:168 Resp: 1469770
 Ion Ratio Lower Upper
 168 100
 139 41.2 29.6 44.4
 169 14.2 11.3 16.9

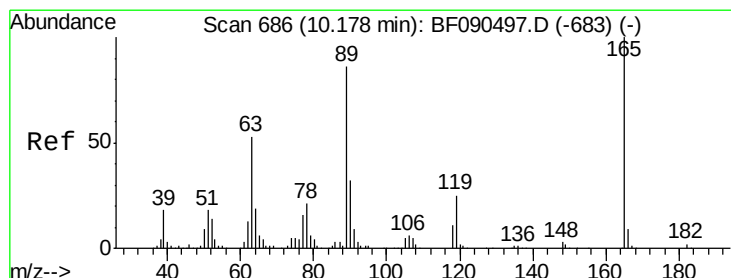
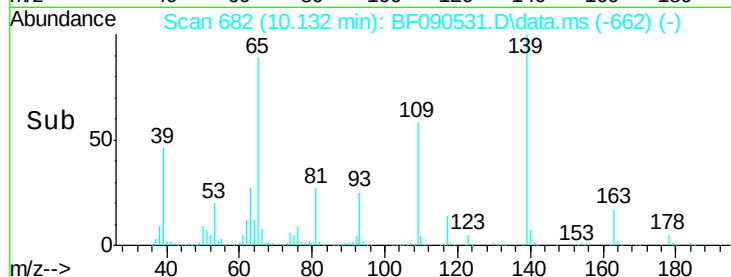
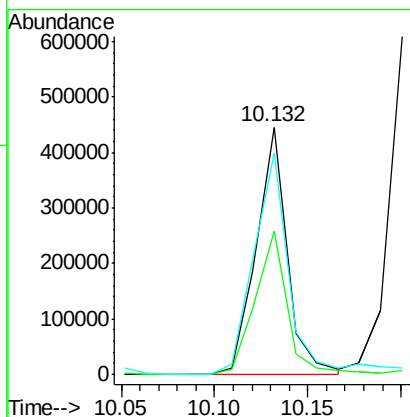
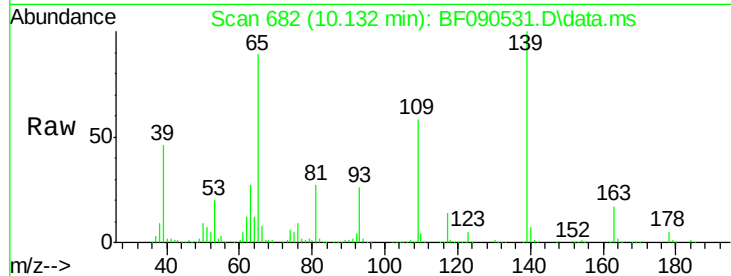




#55
4-Nitrophenol
Concen: 70.81 ng
RT: 10.132 min Scan# 681
Delta R.T. 0.023 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

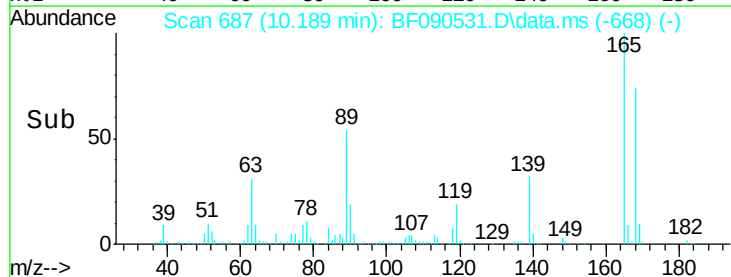
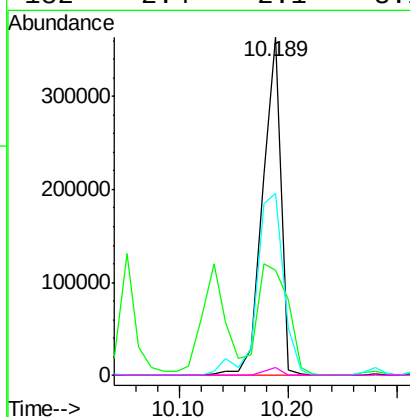
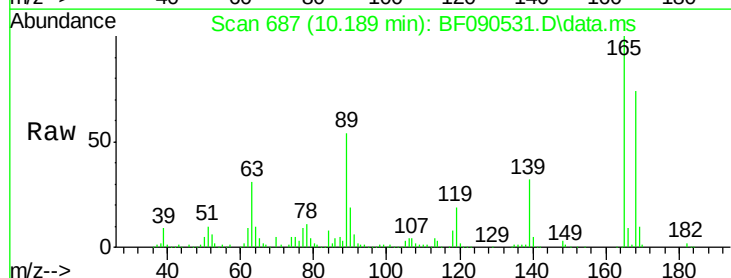
Instrument :
BNA_F
ClientSampleId :
PB93973BS

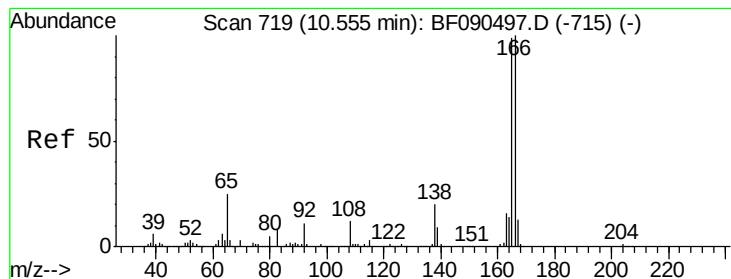
Tot Ion:139 Resp: 513654
Ion Ratio Lower Upper
139 100
109 57.9 43.6 83.6
65 89.2 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 43.30 ng
RT: 10.189 min Scan# 687
Delta R.T. 0.011 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion:165 Resp: 430897
Ion Ratio Lower Upper
165 100
63 31.1 17.8 26.6#
89 53.7 33.2 49.8#
182 2.4 2.1 3.1





#57

Fluorene

Concen: 34.81 ng

RT: 10.543 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

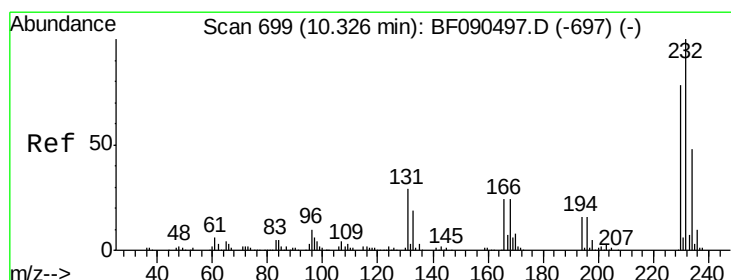
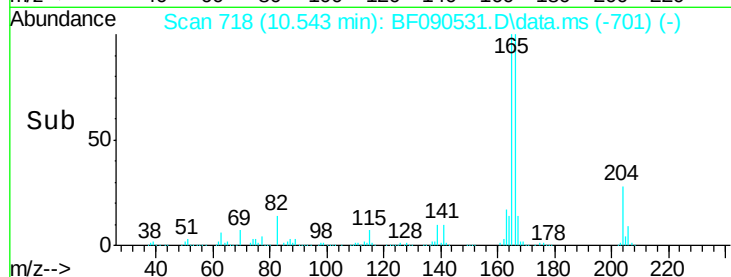
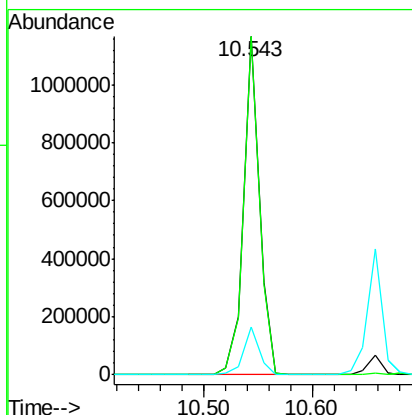
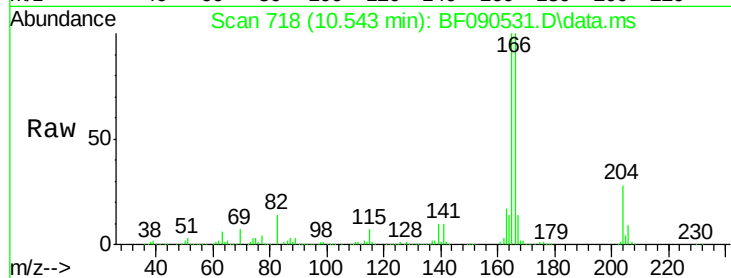
Tot Ion:166 Resp: 1177301

Ion Ratio Lower Upper

166 100

165 100.1 79.2 118.8

167 14.2 11.1 16.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.91 ng

RT: 10.326 min Scan# 699

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion:232 Resp: 315066

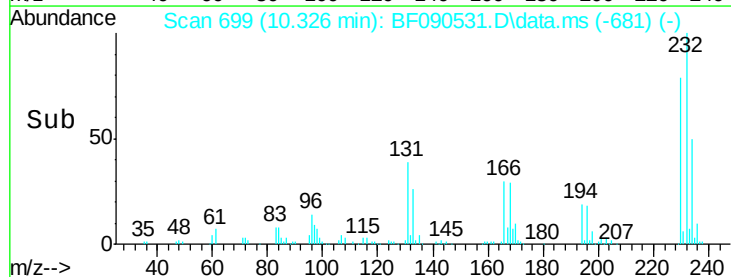
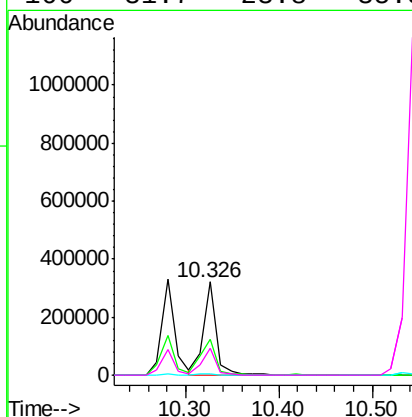
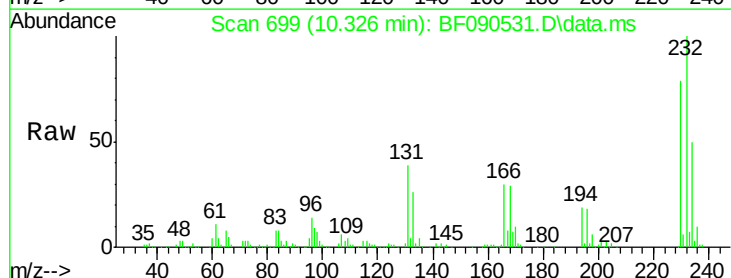
Ion Ratio Lower Upper

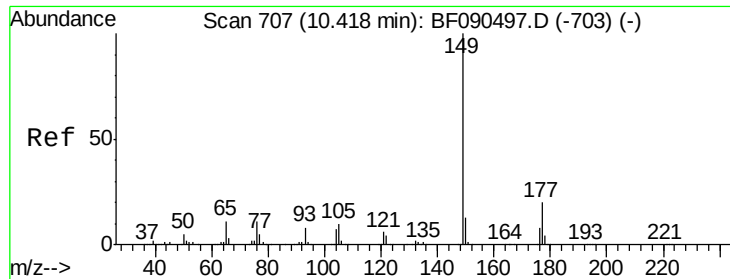
232 100

131 47.0 34.5 51.7

130 2.1 1.6 2.4

166 31.7 23.8 35.8





#59

Diethylphthalate

Concen: 37.20 ng

RT: 10.418 min Scan# 707

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

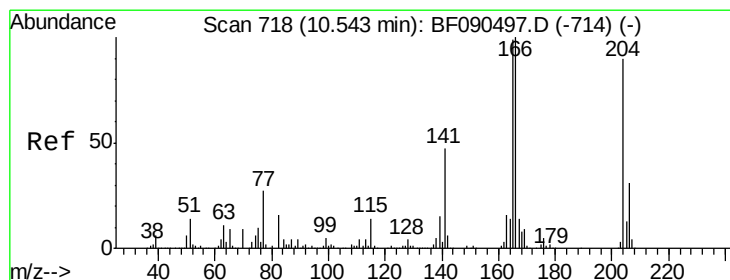
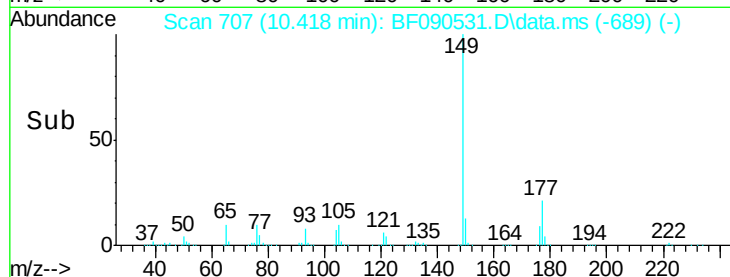
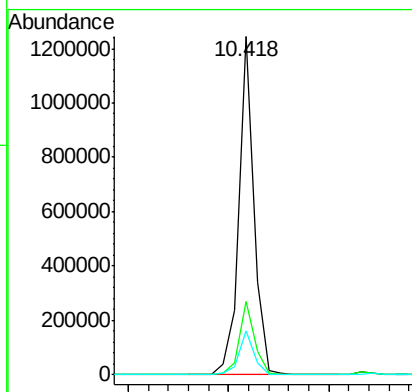
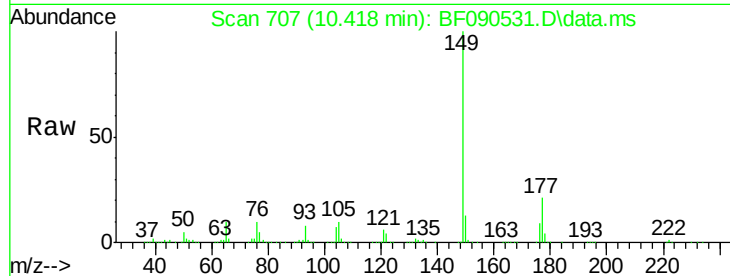
Tot Ion:149 Resp: 1289280

Ion Ratio Lower Upper

149 100

177 21.5 21.1 31.7

150 13.0 10.2 15.2



#60

4-Chlorophenyl-phenylether

Concen: 36.43 ng

RT: 10.532 min Scan# 717

Delta R.T. -0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

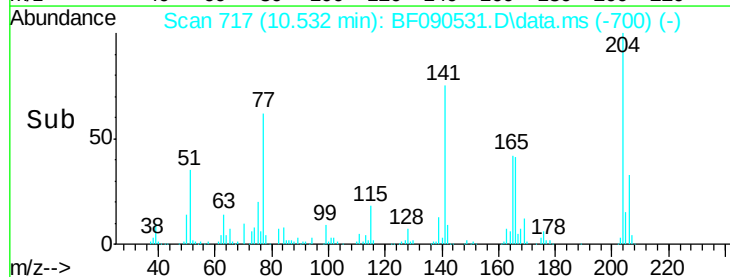
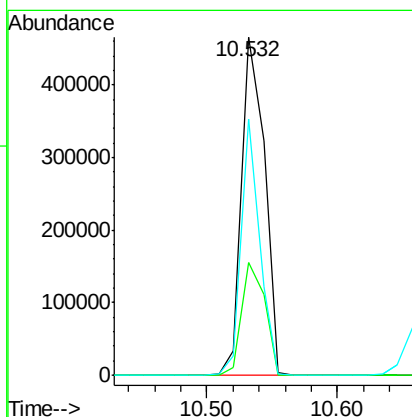
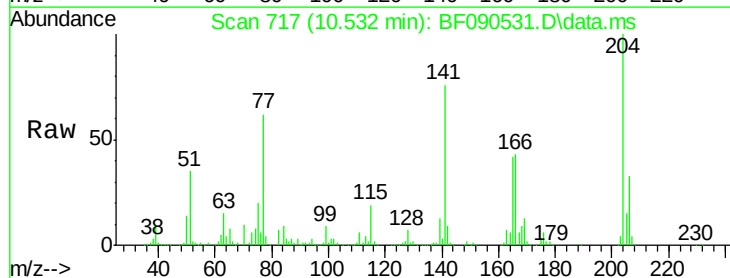
Tgt Ion:204 Resp: 568417

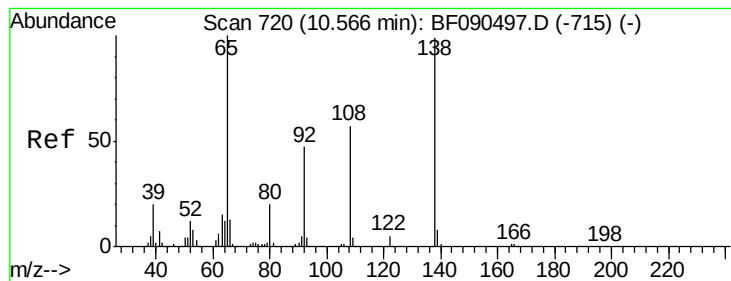
Ion Ratio Lower Upper

204 100

206 33.2 26.7 40.1

141 75.6 51.7 77.5





#61

4-Nitroaniline

Concen: 31.79 ng

RT: 10.578 min Scan# 720

Delta R.T. 0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

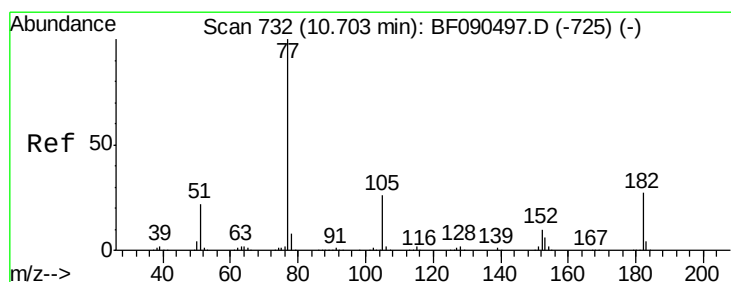
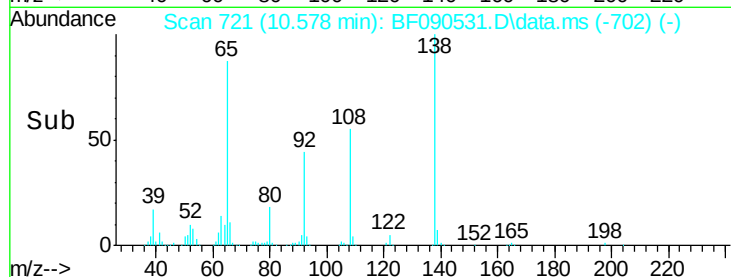
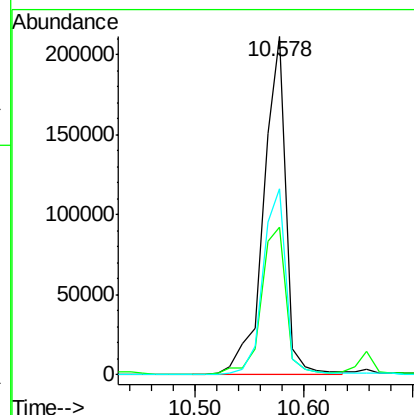
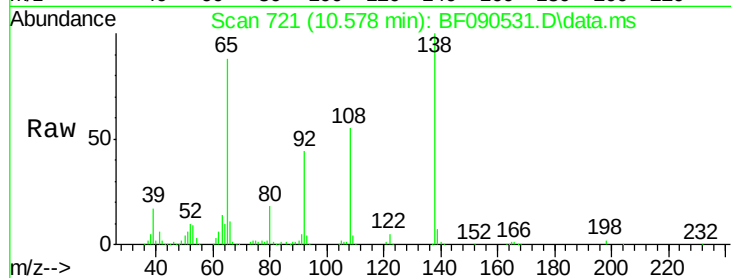
Tot Ion:138 Resp: 302767

Ion Ratio Lower Upper

138 100

92 43.5 33.2 73.2

108 54.9 48.5 88.5



#62

Azobenzene

Concen: 37.48 ng

RT: 10.692 min Scan# 731

Delta R.T. -0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Tgt Ion: 77 Resp: 1418454

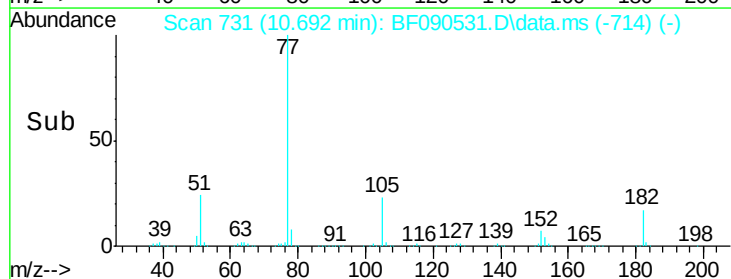
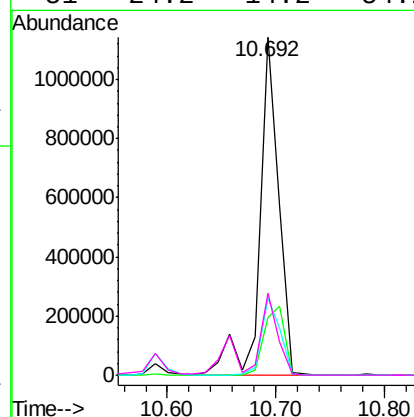
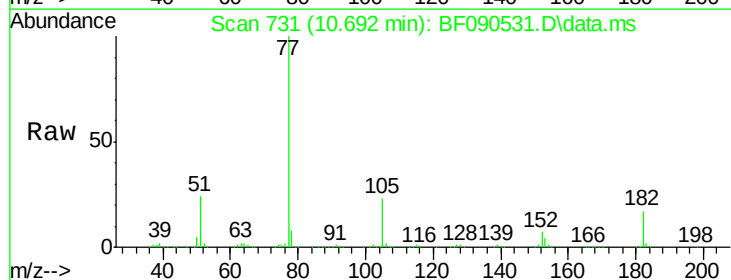
Ion Ratio Lower Upper

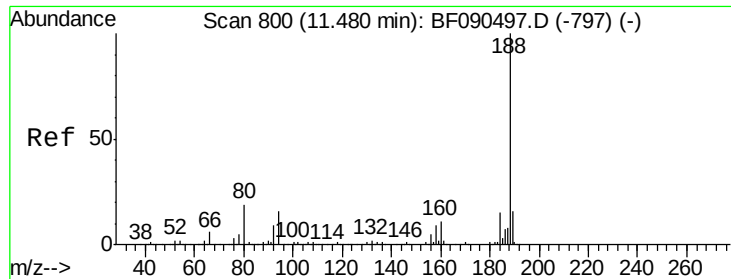
77 100

182 17.0 3.2 43.2

105 22.8 2.9 42.9

51 24.2 14.2 54.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.481 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

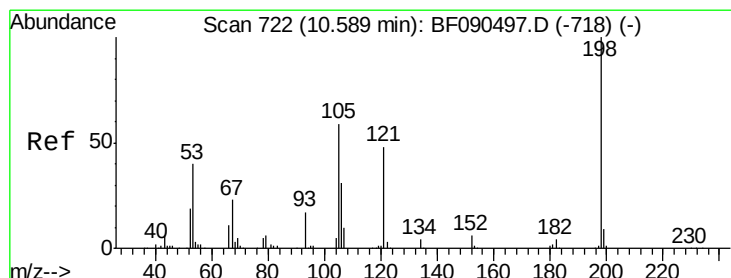
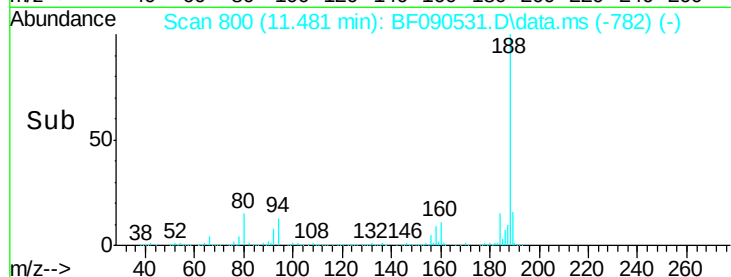
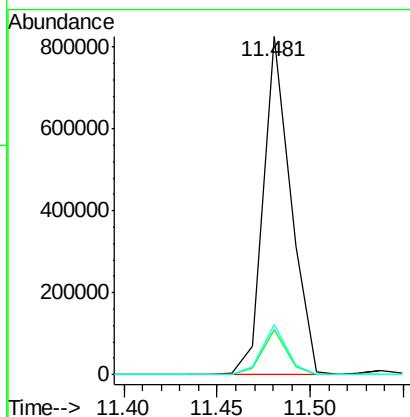
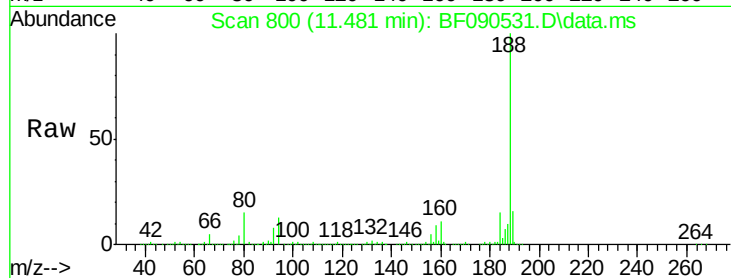
Tot Ion:188 Resp: 836824

Ion Ratio Lower Upper

188 100

94 13.1 8.2 12.2#

80 14.8 8.8 13.2#



#64

4,6-Dinitro-2-methylphenol

Concen: 26.52 ng

RT: 10.589 min Scan# 722

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

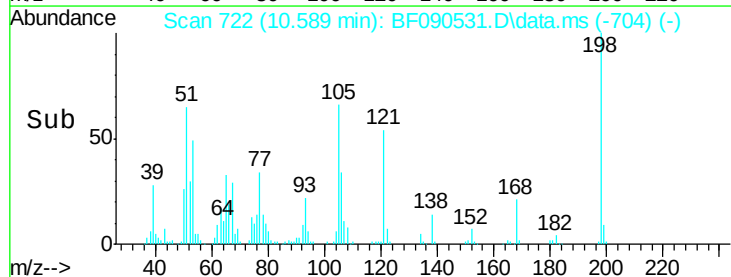
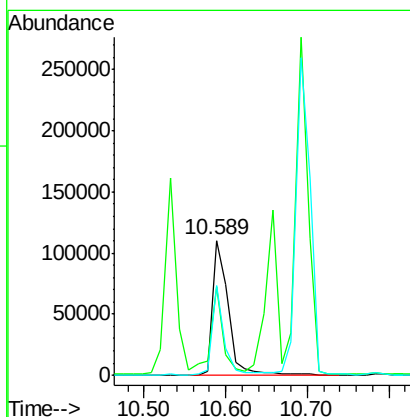
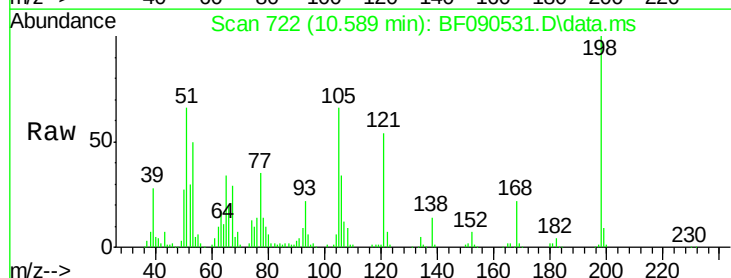
Tgt Ion:198 Resp: 148247

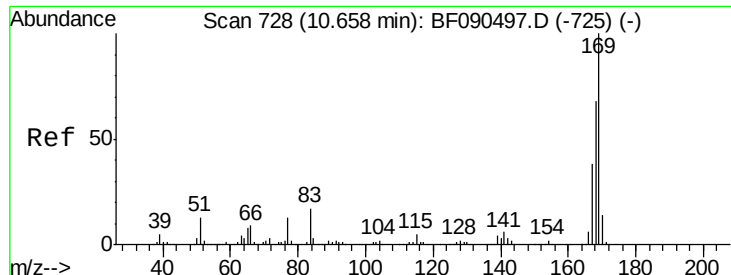
Ion Ratio Lower Upper

198 100

51 65.8 67.3 107.3#

105 66.3 42.6 82.6

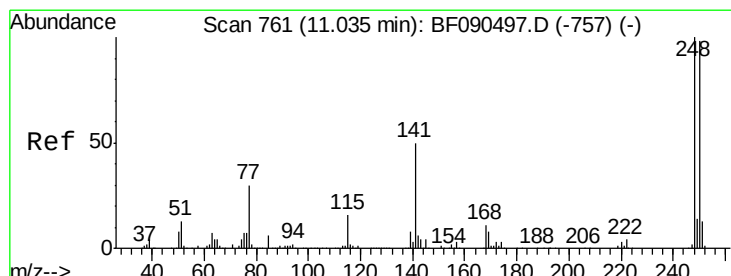
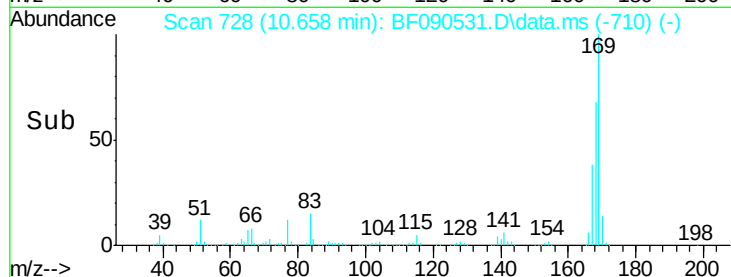
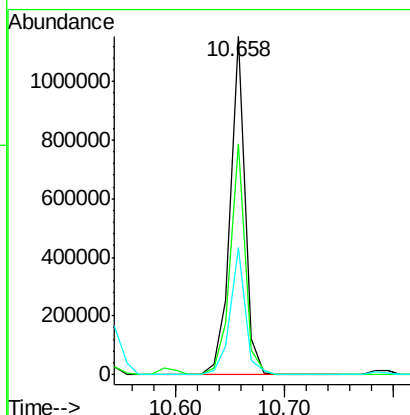
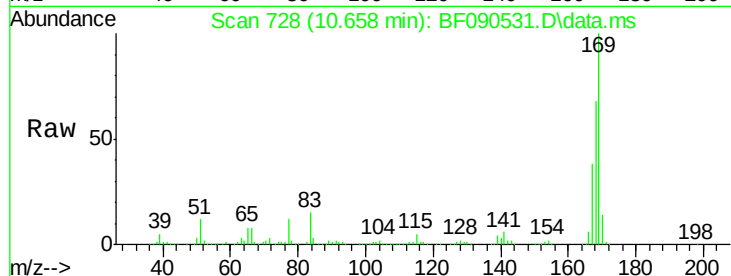




#65
 n-Nitrosodiphenylamine
 Concen: 39.70 ng
 RT: 10.658 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

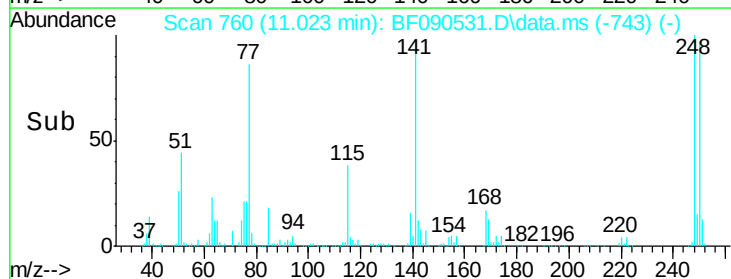
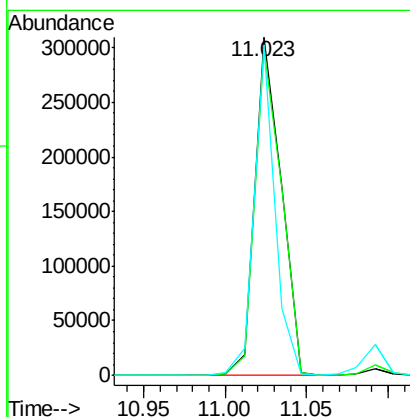
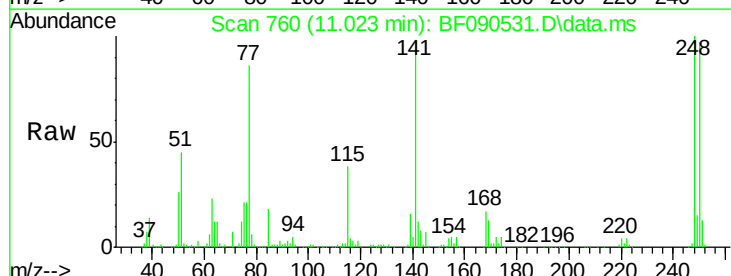
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

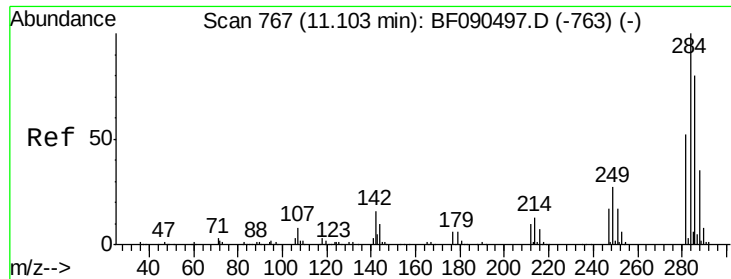
Tot Ion:169 Resp: 1080212
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.8 80.6
 167 37.6 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 37.40 ng
 RT: 11.023 min Scan# 760
 Delta R.T. -0.011 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion:248 Resp: 346787
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.5 114.7
 141 97.6 59.8 89.6#

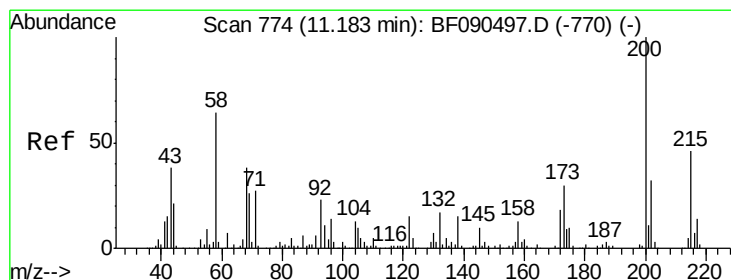
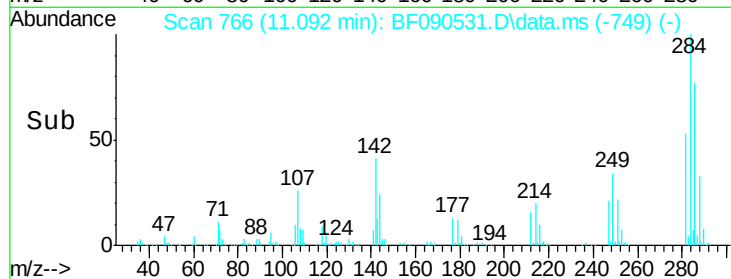
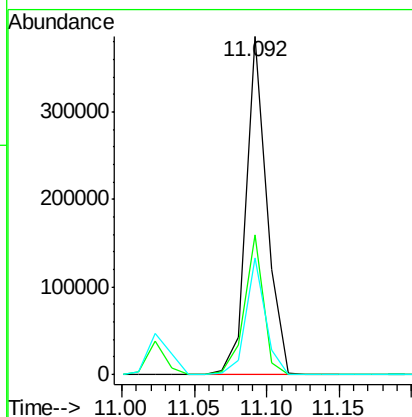
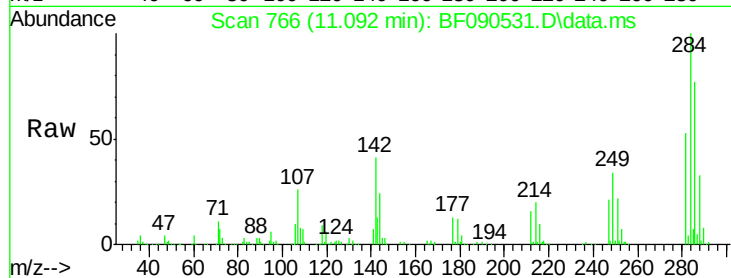




#67
Hexachlorobenzene
Concen: 37.15 ng
RT: 11.092 min Scan# 767
Delta R.T. -0.011 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

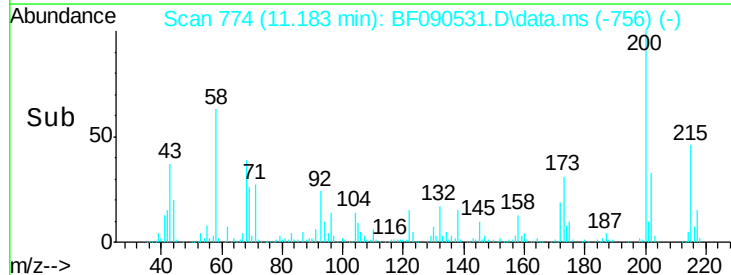
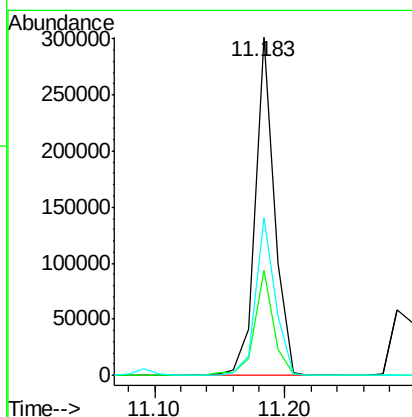
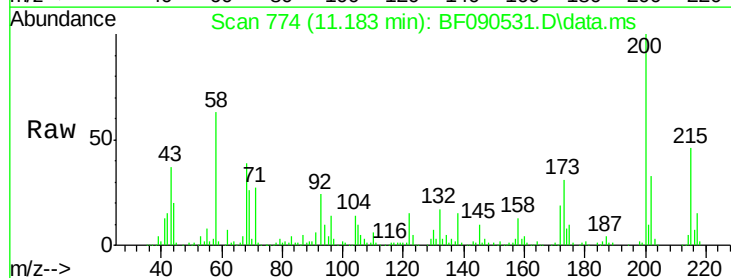
Instrument :
BNA_F
ClientSampleId :
PB93973BS

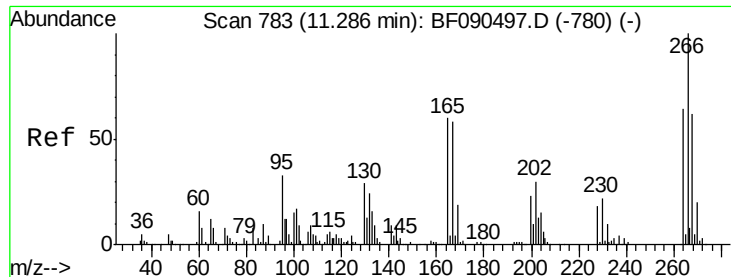
Tot Ion	Ratio	Lower	Upper
284	100		
142	41.2	23.1	34.7#
249	34.4	26.3	39.5



#68
Atrazine
Concen: 36.81 ng
RT: 11.183 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.0	9.0	49.0
215	46.5	24.8	64.8

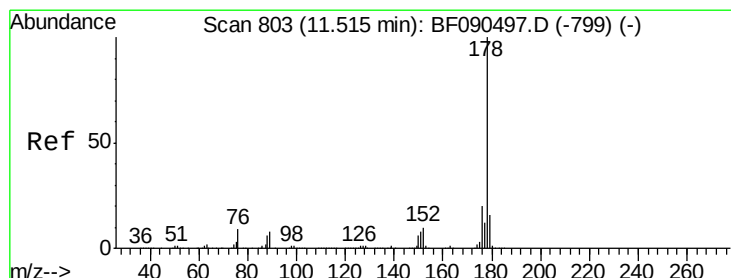
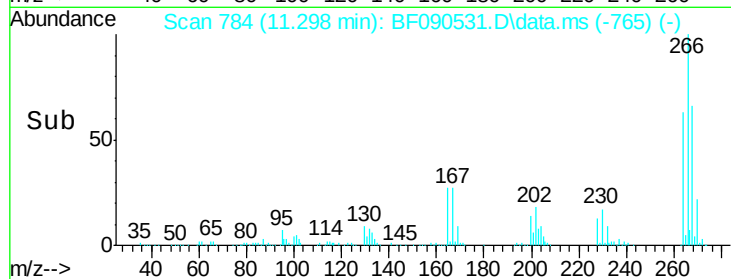
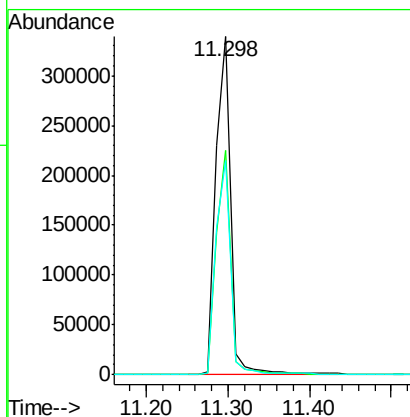
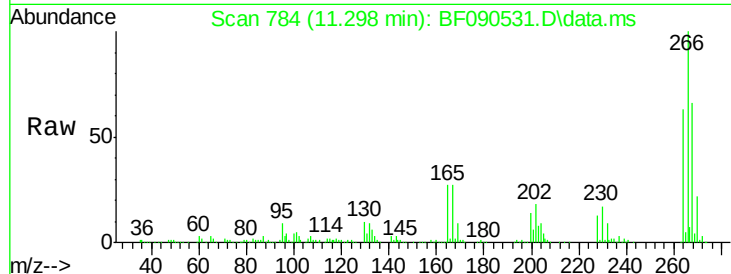




#69
 Pentachlorophenol
 Concen: 70.21 ng
 RT: 11.298 min Scan# 78
 Delta R.T. 0.011 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

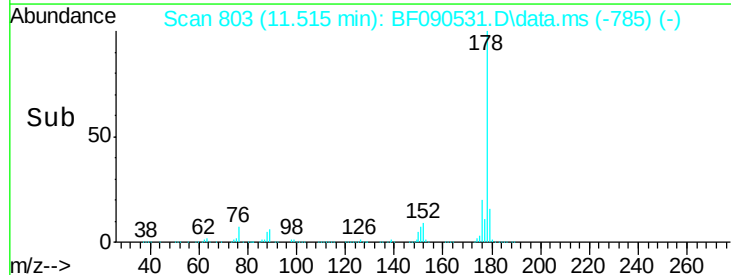
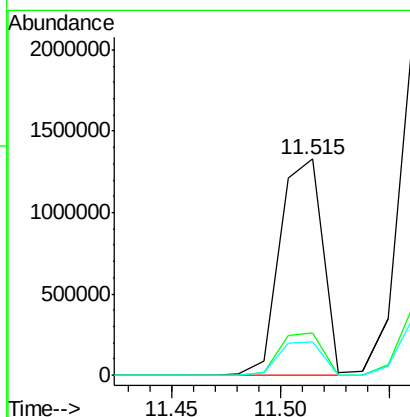
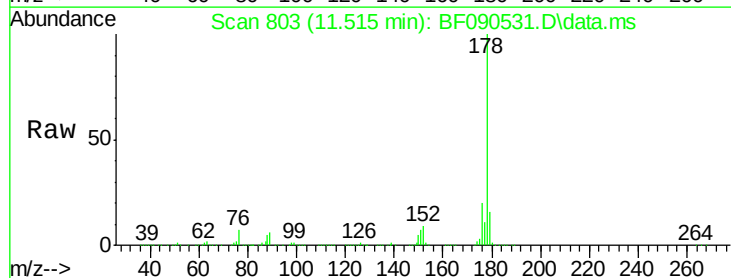
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

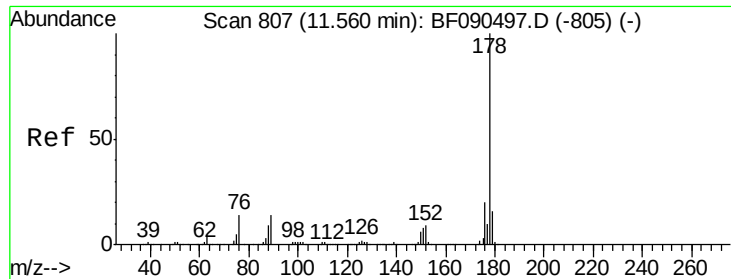
Tot Ion:266 Resp: 427916
 Ion Ratio Lower Upper
 266 100
 268 66.4 50.9 76.3
 264 63.3 51.5 77.3



#70
 Phenanthrene
 Concen: 39.46 ng
 RT: 11.515 min Scan# 803
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion:178 Resp: 1820067
 Ion Ratio Lower Upper
 178 100
 176 19.7 17.3 25.9
 179 15.6 13.8 20.6





#71

Anthracene

Concen: 38.74 ng

RT: 11.561 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

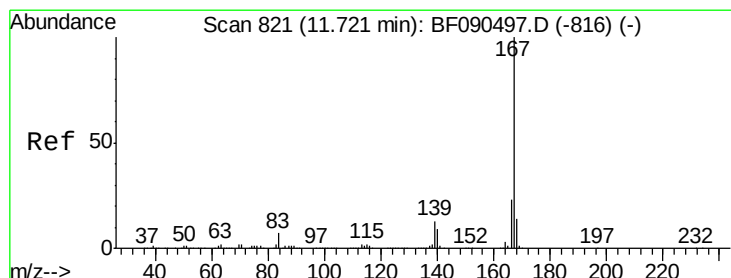
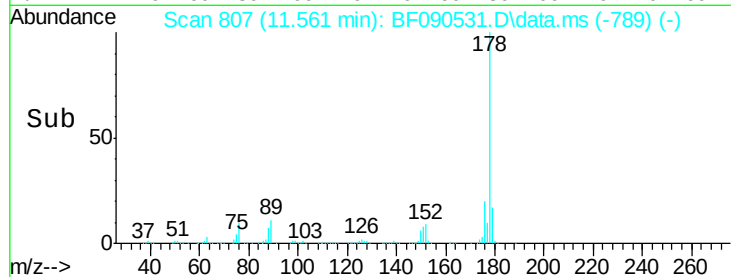
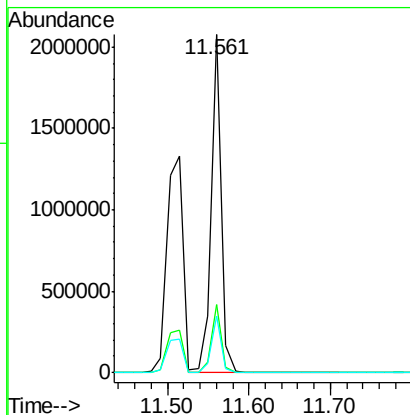
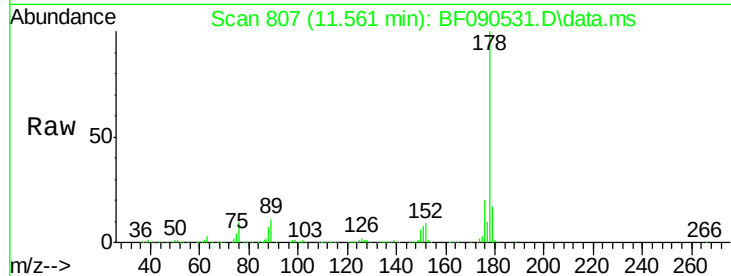
Tot Ion:178 Resp: 1809865

Ion Ratio Lower Upper

178 100

176 20.2 16.8 25.2

179 16.6 13.4 20.2



#72

Carbazole

Concen: 40.49 ng

RT: 11.721 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

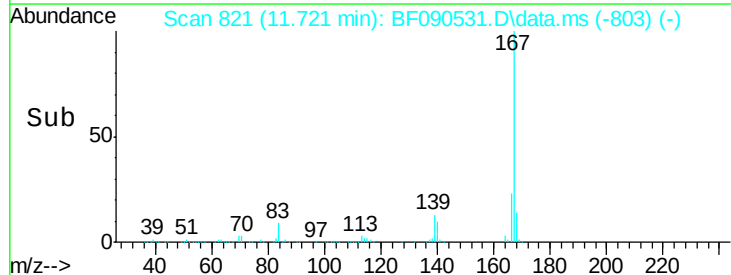
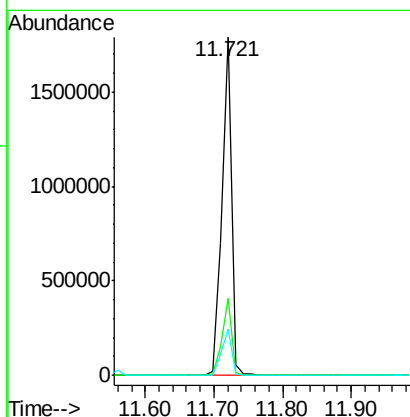
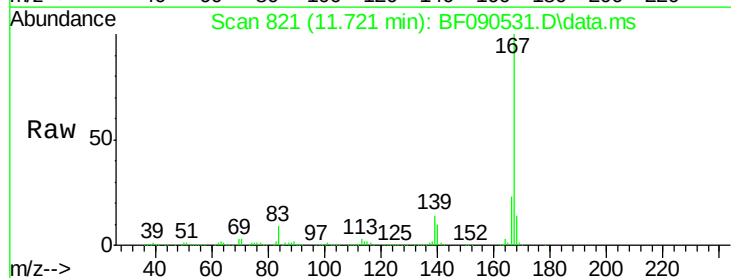
Tgt Ion:167 Resp: 1786621

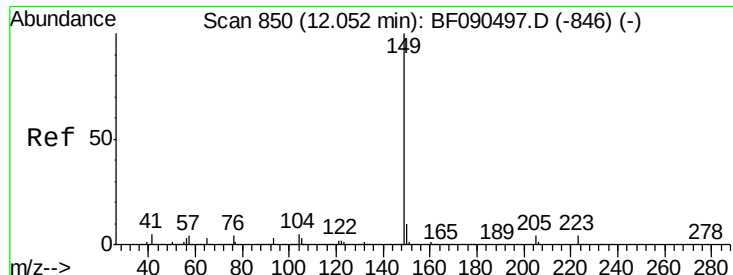
Ion Ratio Lower Upper

167 100

166 22.9 19.1 28.7

139 13.5 12.1 18.1





#73

Di-n-butylphthalate

Concen: 35.82 ng

RT: 12.041 min Scan# 84

Delta R.T. -0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

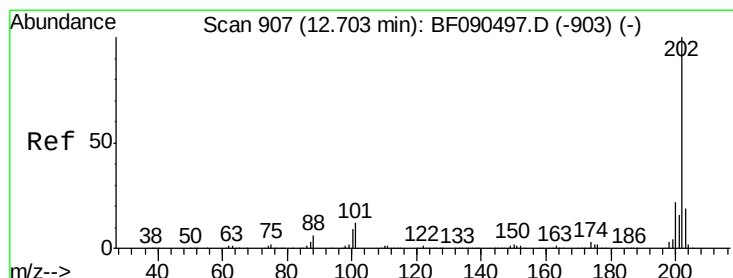
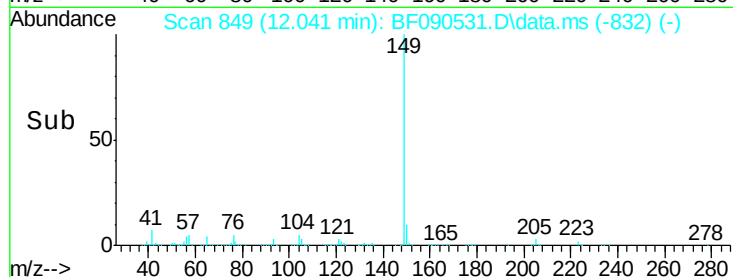
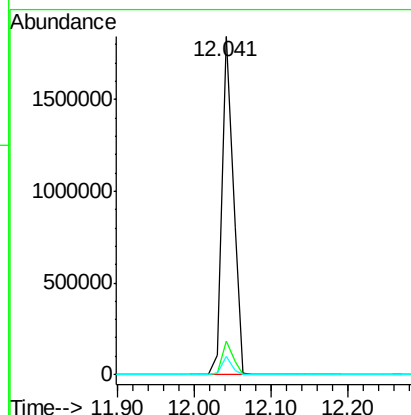
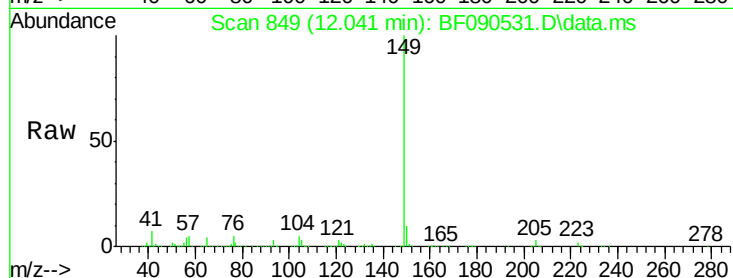
Tot Ion:149 Resp: 1903372

Ion Ratio Lower Upper

149 100

150 10.0 8.6 12.8

104 5.3 4.7 7.1



#74

Fluoranthene

Concen: 39.61 ng

RT: 12.704 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

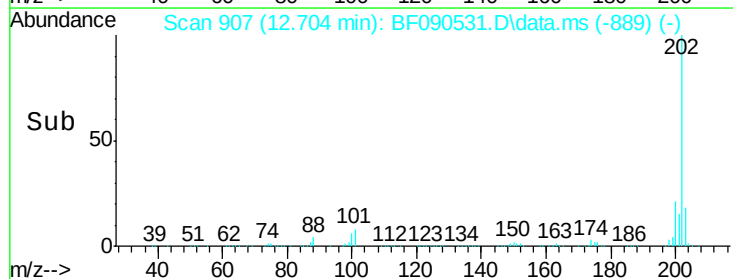
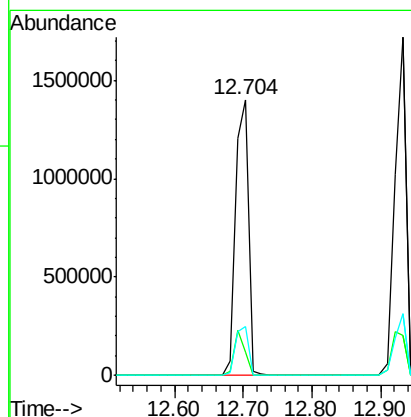
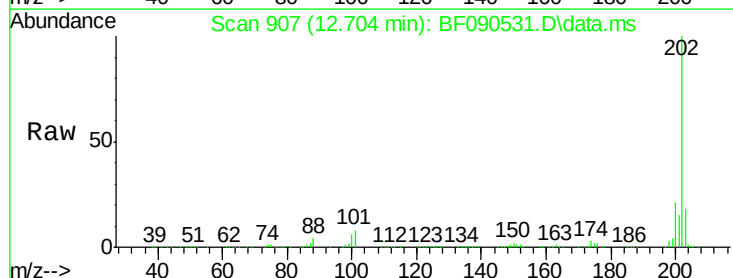
Tgt Ion:202 Resp: 1864791

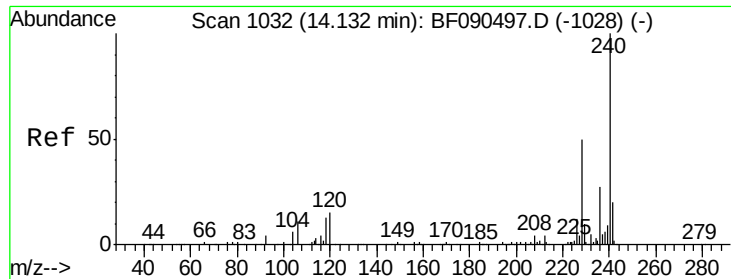
Ion Ratio Lower Upper

202 100

101 8.3 0.0 37.2

203 17.9 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.132 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

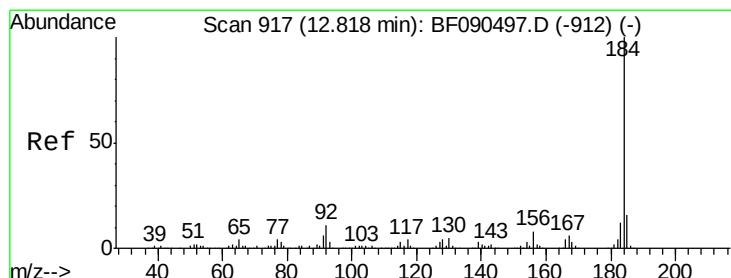
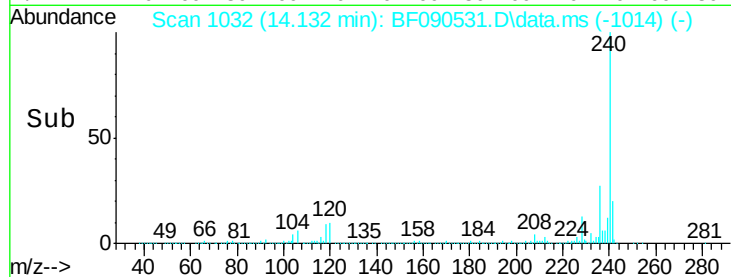
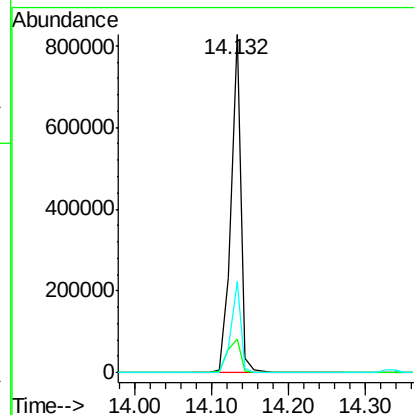
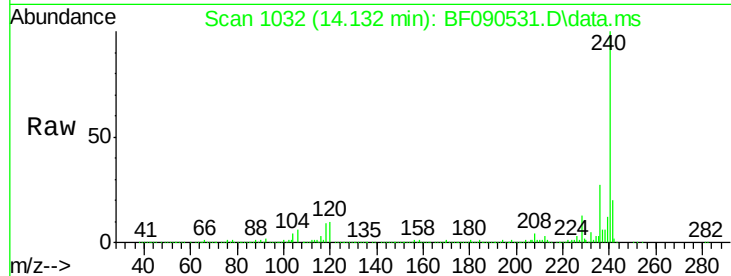
Tot Ion:240 Resp: 764485

Ion Ratio Lower Upper

240 100

120 9.8 8.6 13.0

236 26.8 21.6 32.4



#76

Benzidine

Concen: 19.29 ng

RT: 12.818 min Scan# 917

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

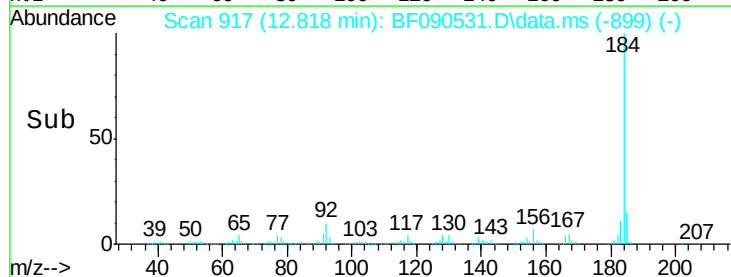
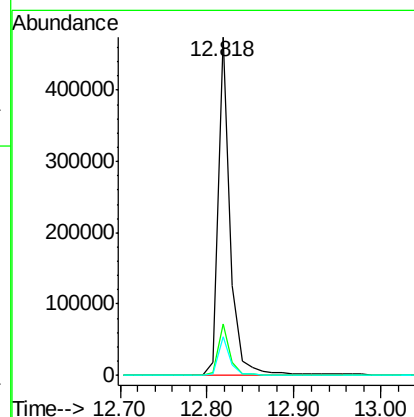
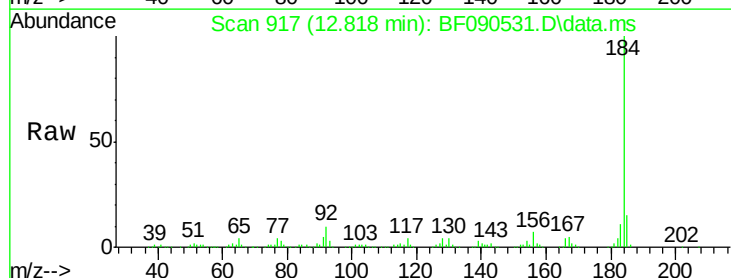
Tgt Ion:184 Resp: 463383

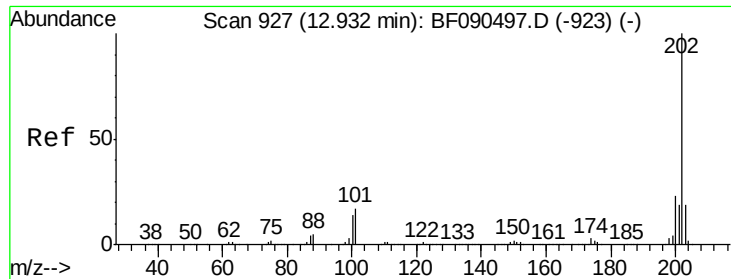
Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.8

183 11.4 9.6 14.4

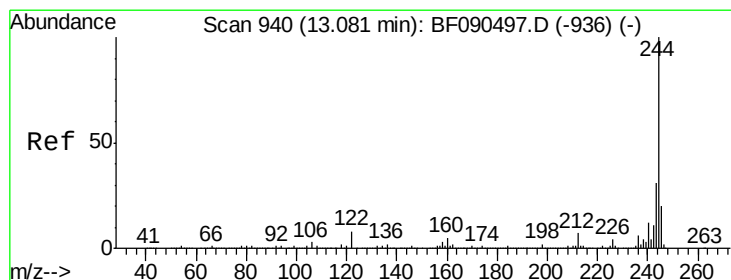
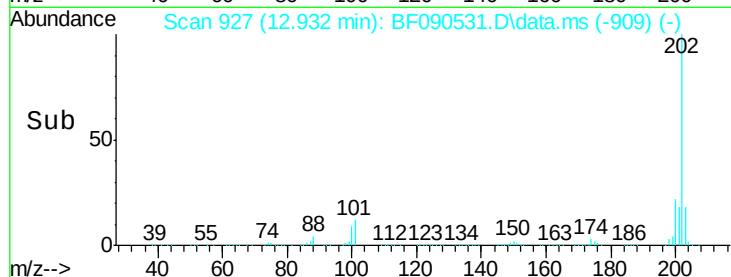
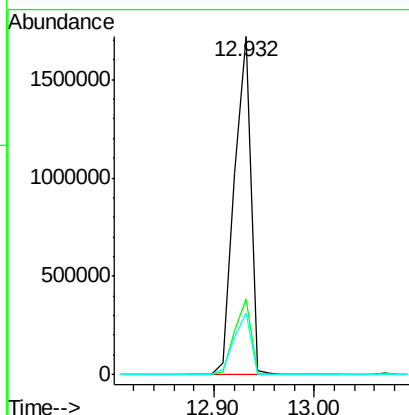
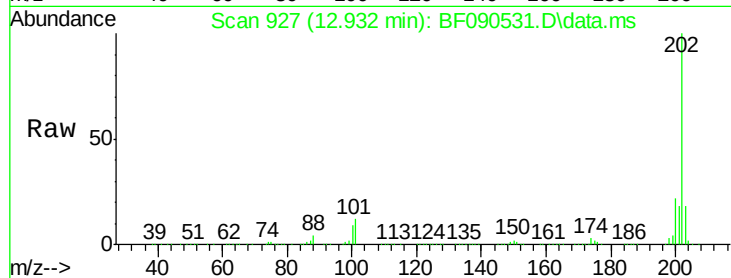




#77
Pvrene
Concen: 40.64 ng
RT: 12.932 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

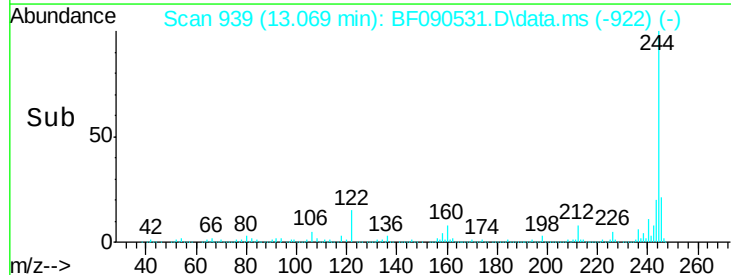
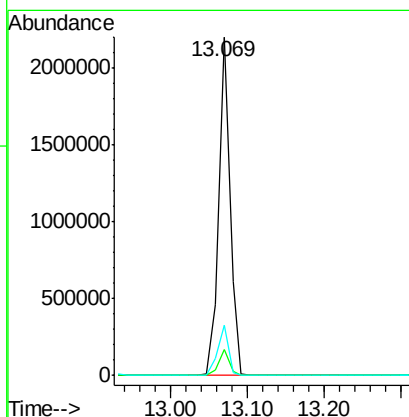
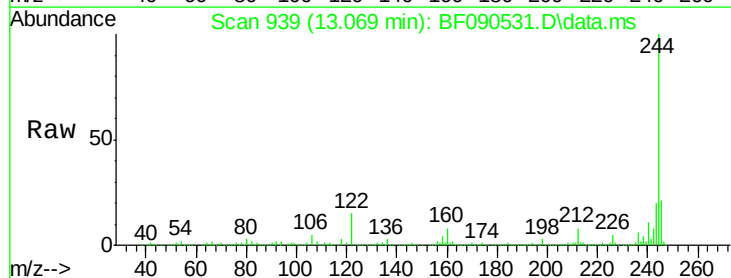
Instrument :
BNA_F
ClientSampleId :
PB93973BS

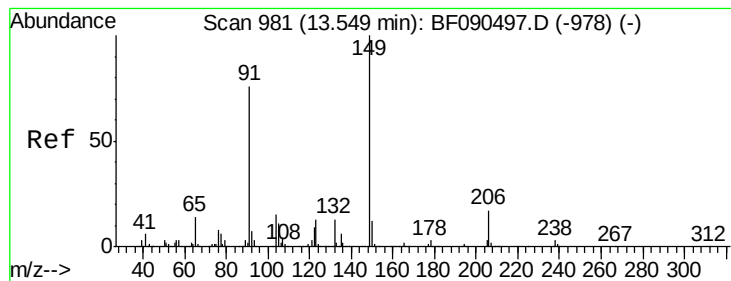
Tot Ion:202 Resp: 1944573
Ion Ratio Lower Upper
202 100
200 22.4 18.5 27.7
203 18.4 15.0 22.6



#78
Terphenyl-d14
Concen: 72.47 ng
RT: 13.069 min Scan# 939
Delta R.T. -0.011 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion:244 Resp: 2267112
Ion Ratio Lower Upper
244 100
212 7.7 6.8 10.2
122 14.7 13.3 19.9





#79

Butylbenzylphthalate

Concen: 40.60 ng

RT: 13.549 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

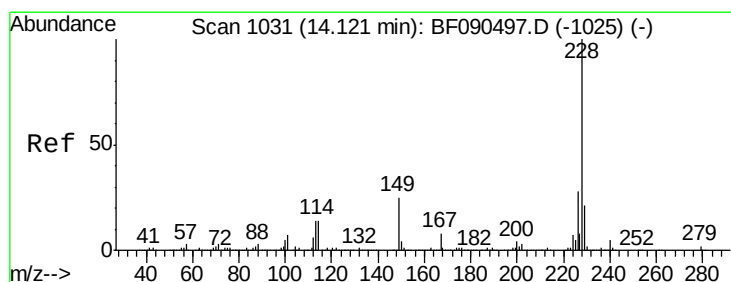
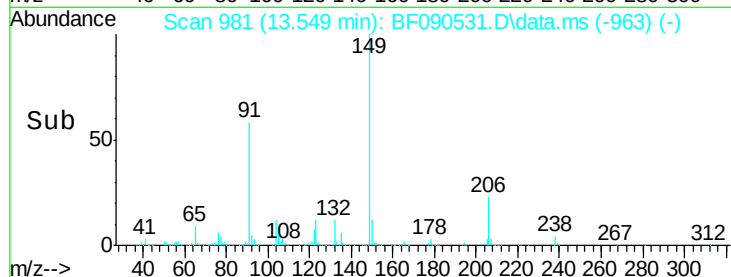
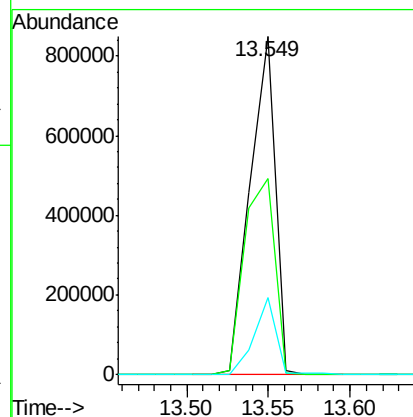
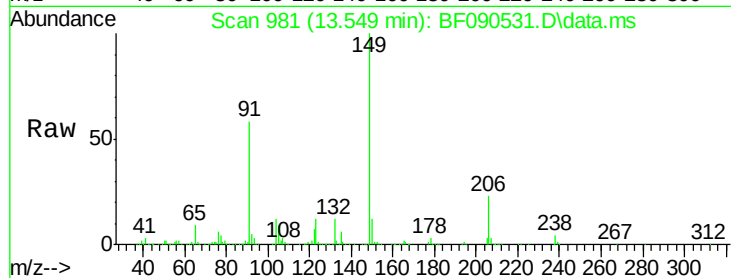
Tot Ion:149 Resp: 909404

Ion Ratio Lower Upper

149 100

91 57.9 51.8 77.8

206 22.7 18.0 27.0



#80

Benzo(a)anthracene

Concen: 37.25 ng

RT: 14.121 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

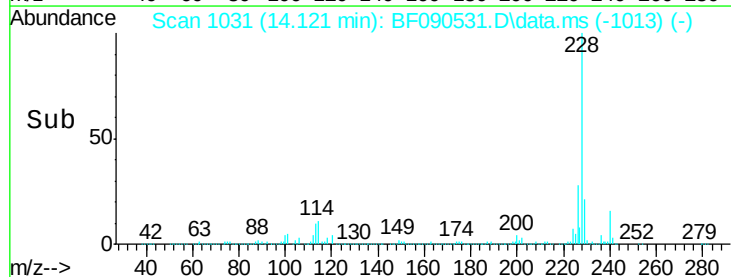
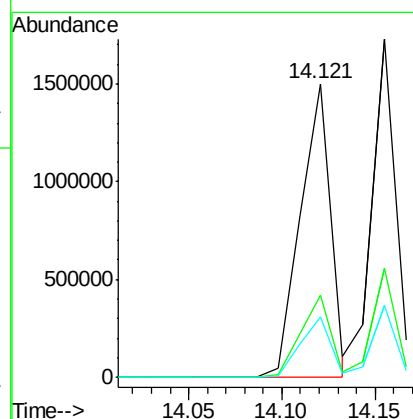
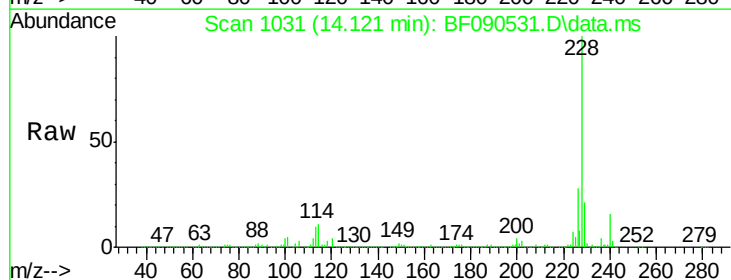
Tgt Ion:228 Resp: 1697287

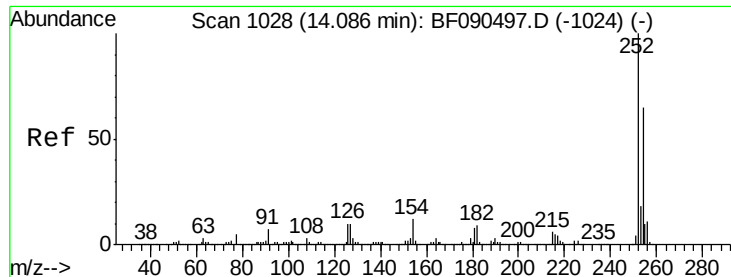
Ion Ratio Lower Upper

228 100

226 27.9 23.6 35.4

229 20.6 16.6 25.0

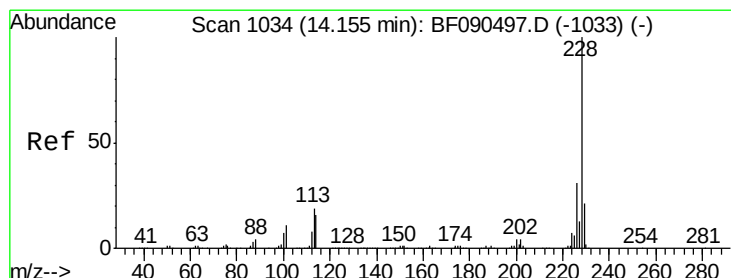
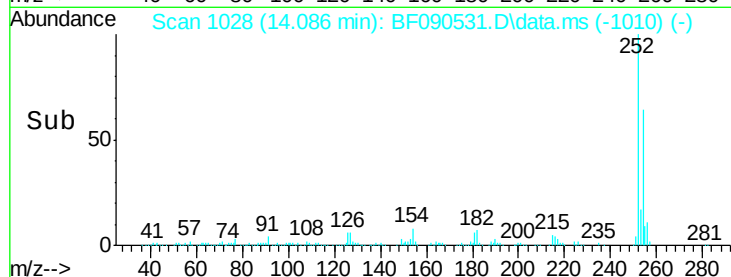
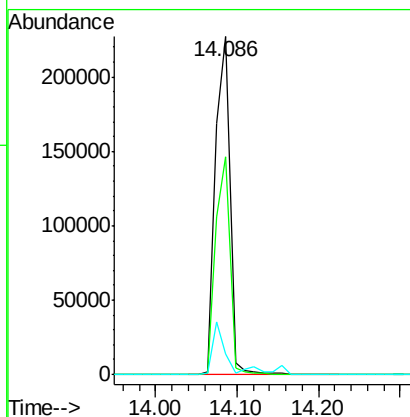
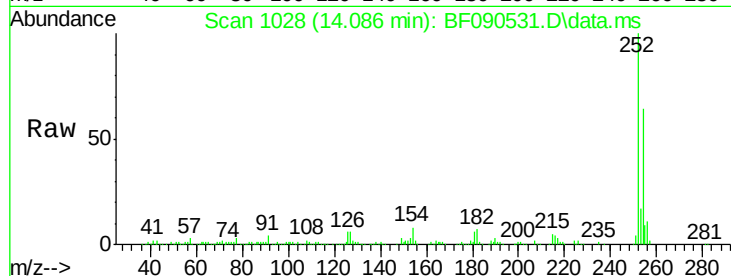




#81
 3,3'-Dichlorobenzidine
 Concen: 17.32 ng
 RT: 14.086 min Scan# 1028
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

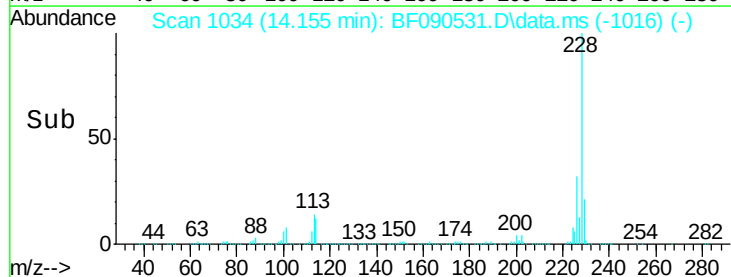
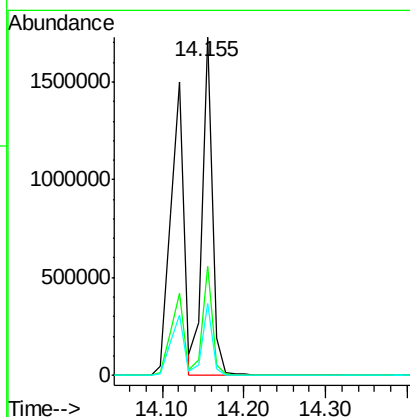
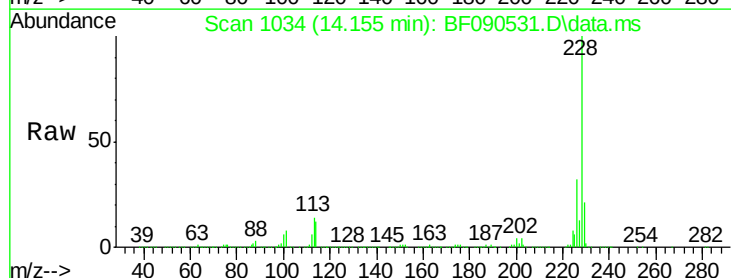
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

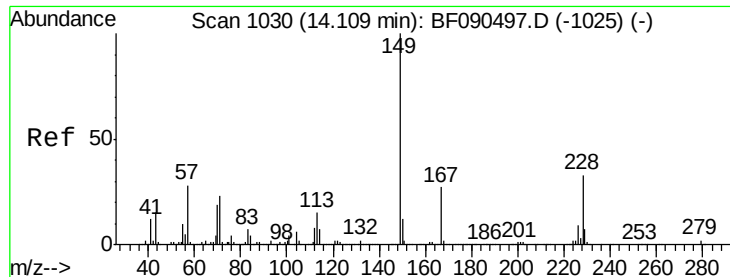
Tot Ion:252 Resp: 284023
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.1 78.1
 126 6.1 4.2 6.4



#82
 Chrysene
 Concen: 35.99 ng
 RT: 14.155 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 13:18

Tgt Ion:228 Resp: 1526146
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.8 38.6
 229 21.1 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.74 ng

RT: 14.109 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

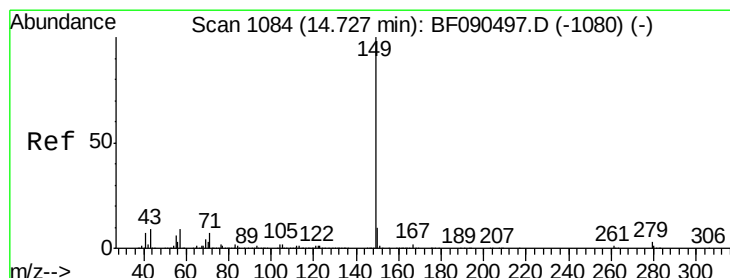
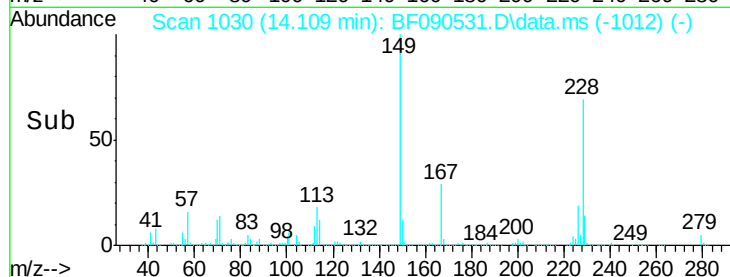
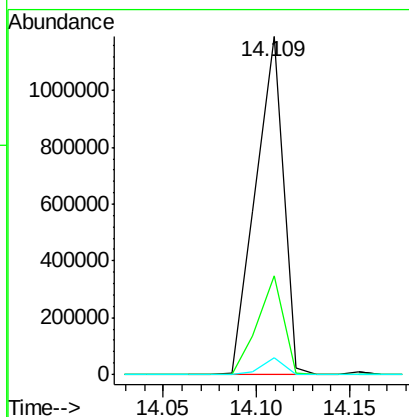
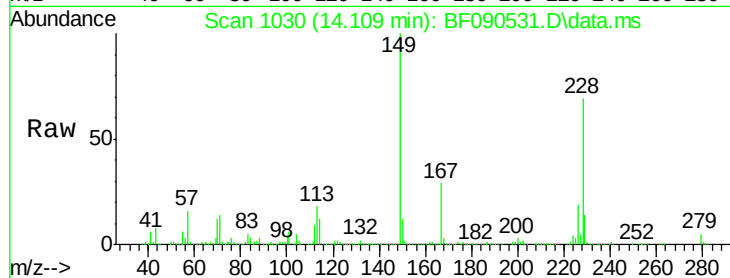
Tot Ion:149 Resp: 1233743

Ion Ratio Lower Upper

149 100

167 29.0 21.5 32.3

279 5.0 2.6 3.8#



#84

Di-n-octyl phthalate

Concen: 38.40 ng

RT: 14.715 min Scan# 1083

Delta R.T. -0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

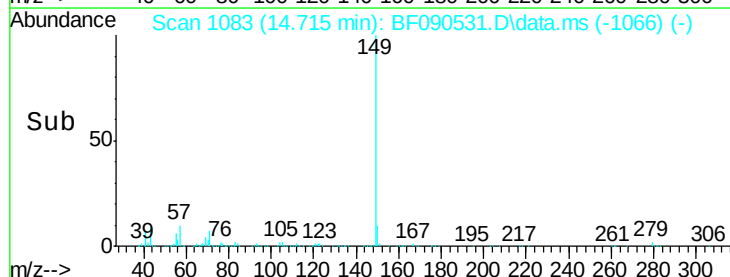
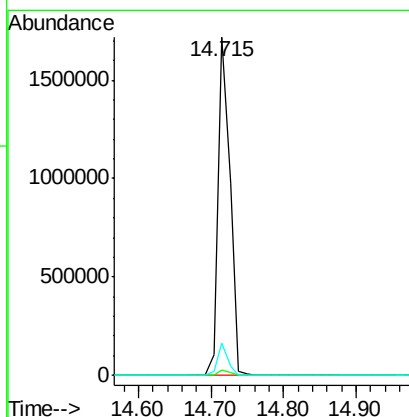
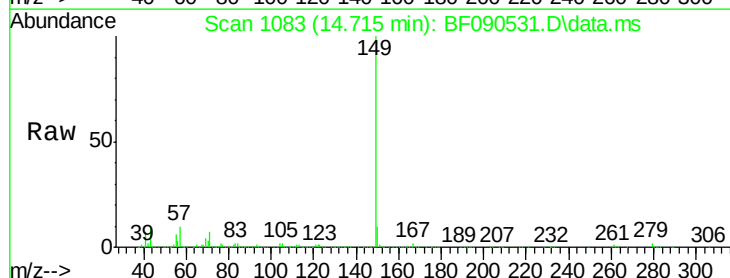
Tgt Ion:149 Resp: 1944275

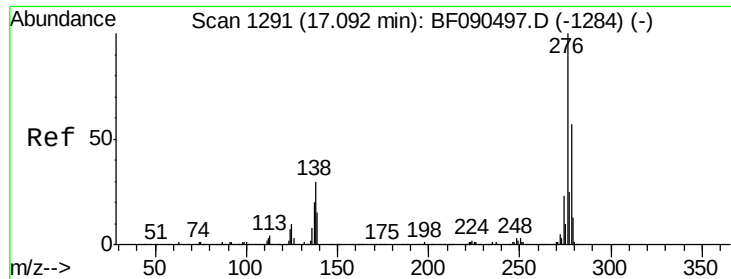
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 11.8 17.8#





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.73 ng

RT: 17.081 min Scan# 12

Delta R.T. -0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

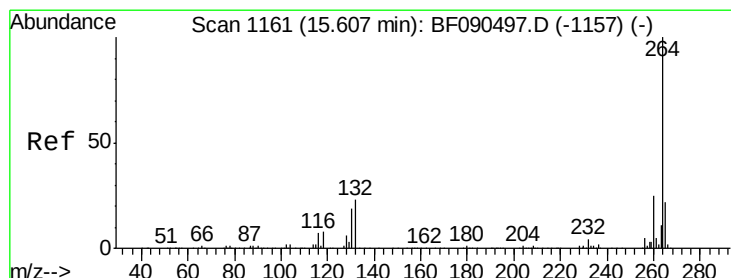
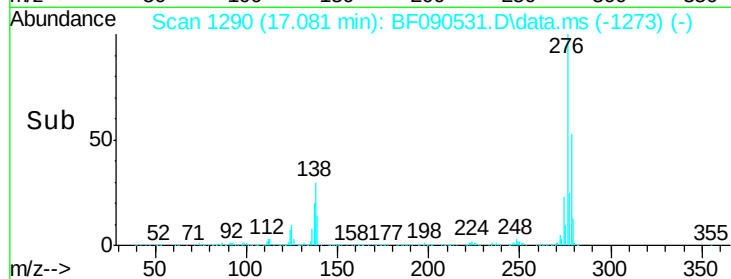
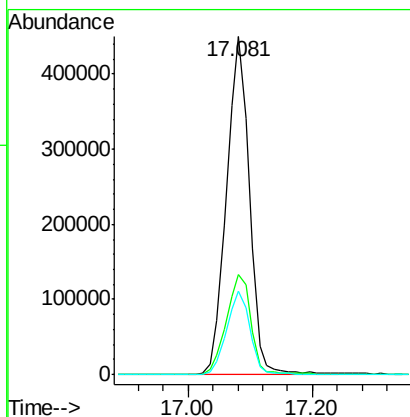
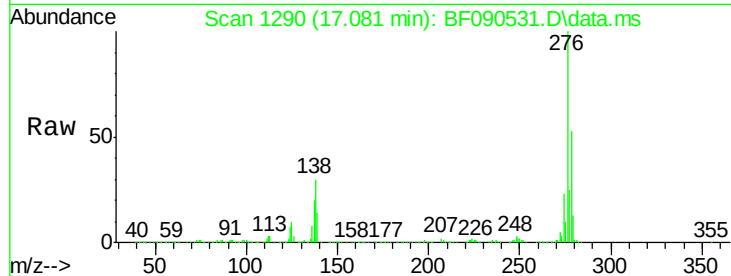
Tot Ion:276 Resp: 1155770

Ion Ratio Lower Upper

276 100

138 31.8 23.8 35.8

277 25.1 20.4 30.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.607 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

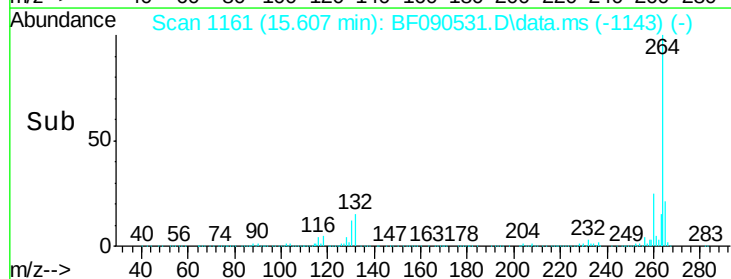
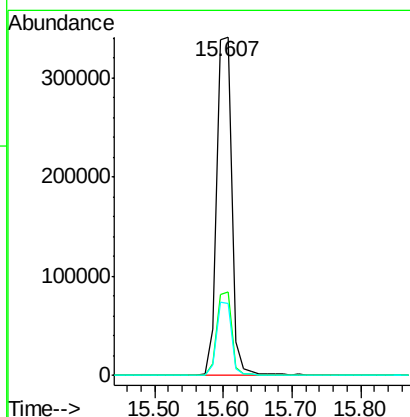
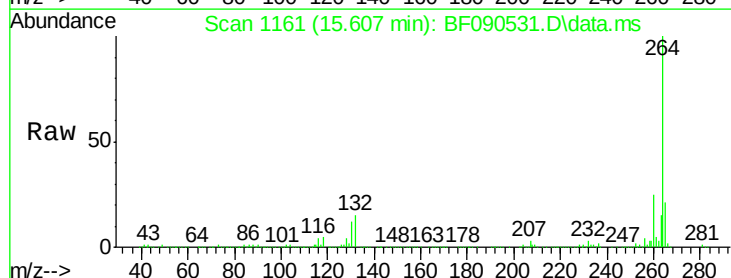
Tgt Ion:264 Resp: 534242

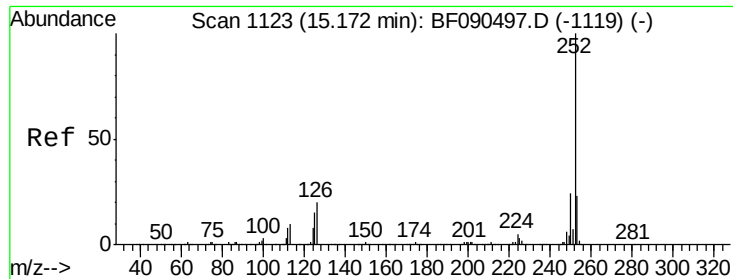
Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 21.1 17.4 26.0

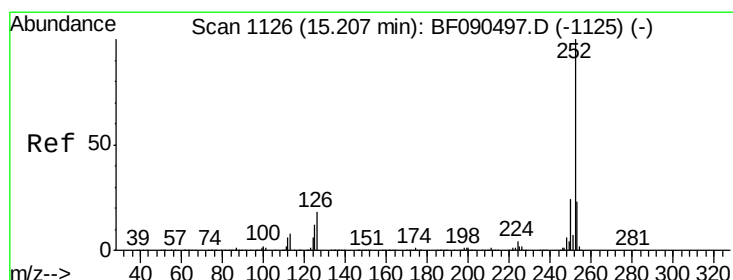
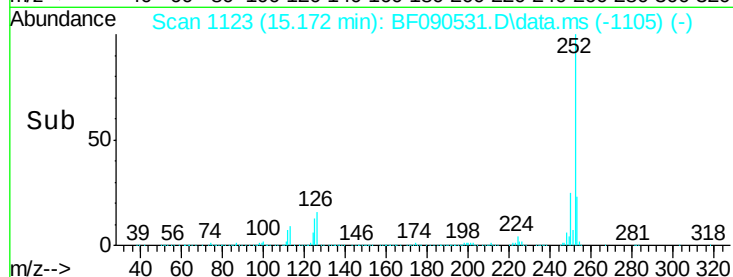
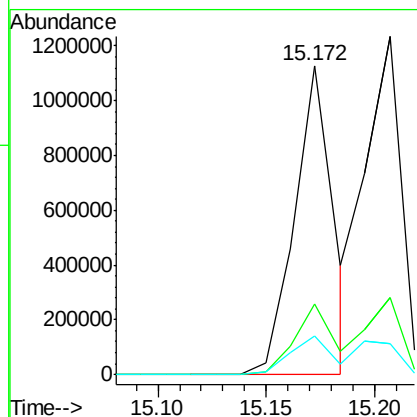
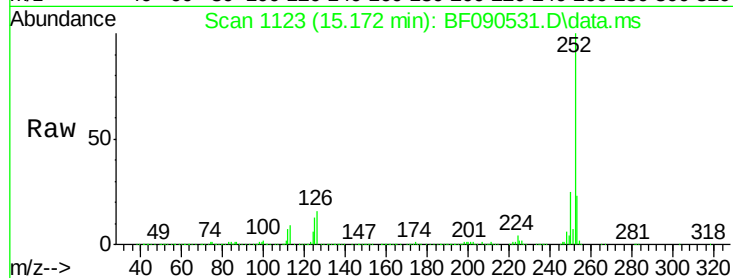




#87
Benzo(b)fluoranthene
Concen: 39.44 ng
RT: 15.172 min Scan# 111
Delta R.T. 0.000 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

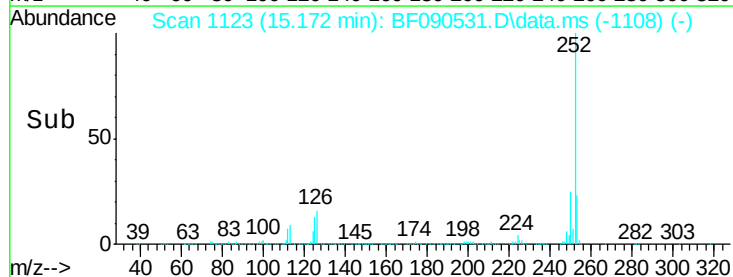
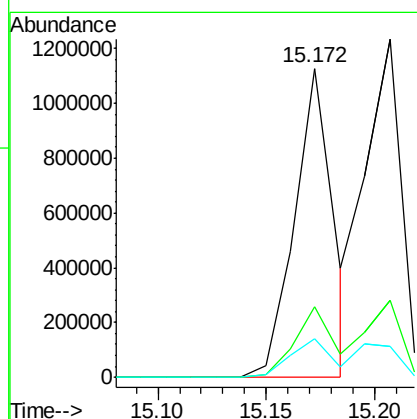
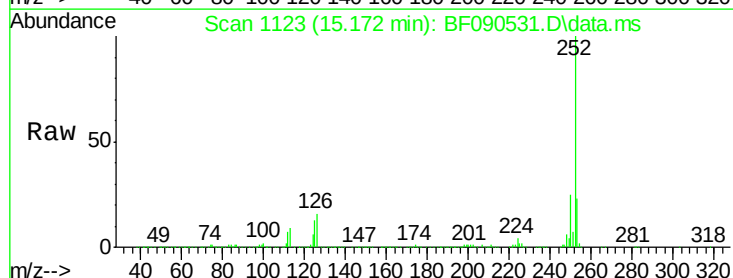
Instrument :
BNA_F
ClientSampleId :
PB93973BS

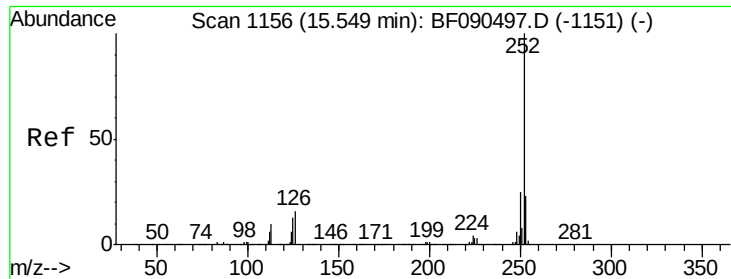
Tot Ion:252 Resp: 1390264
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.7 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 44.28 ng
RT: 15.172 min Scan# 1123
Delta R.T. -0.034 min
Lab File: BF090531.D
Acq: 12 Oct 2016 13:18

Tgt Ion:252 Resp: 1390264
Ion Ratio Lower Upper
252 100
253 22.8 18.6 27.8
125 12.7 11.7 17.5





#89

Benzo(a)pyrene

Concen: 41.03 ng

RT: 15.538 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

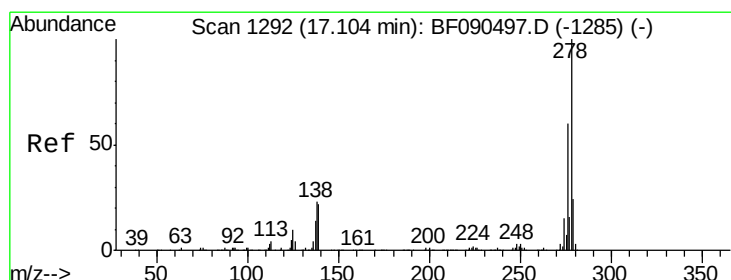
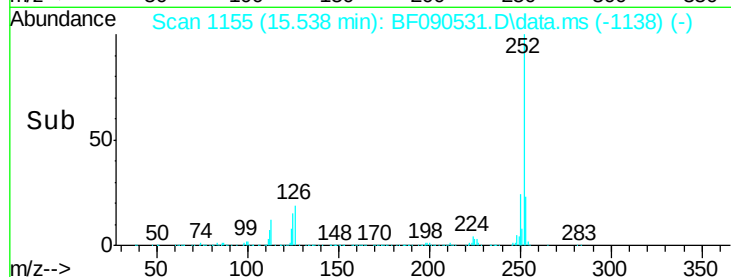
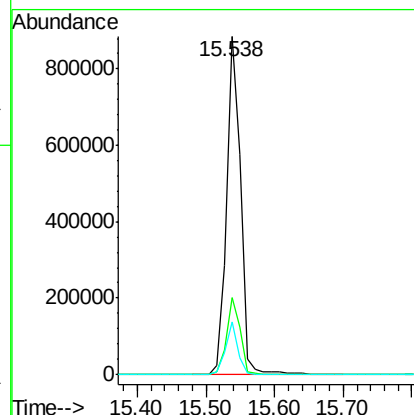
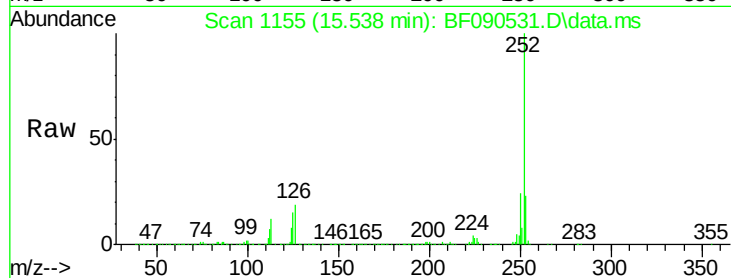
Tot Ion:252 Resp: 1269964

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

125 15.4 9.8 14.8#



#90

Dibenzo(a,h)anthracene

Concen: 37.43 ng

RT: 17.093 min Scan# 1291

Delta R.T. -0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

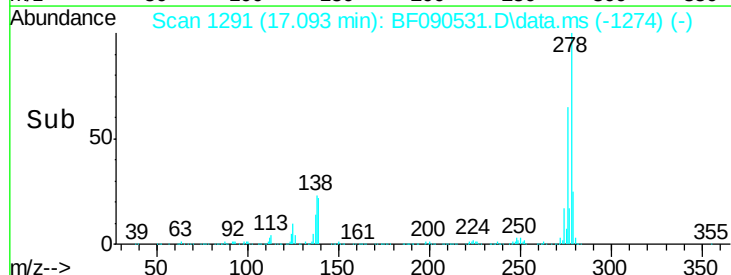
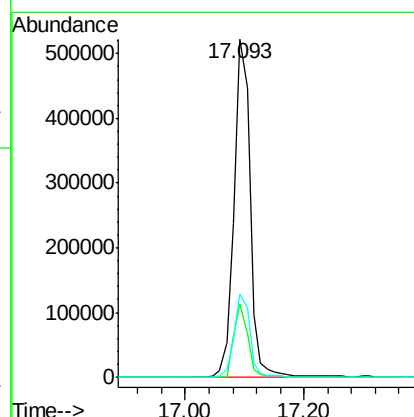
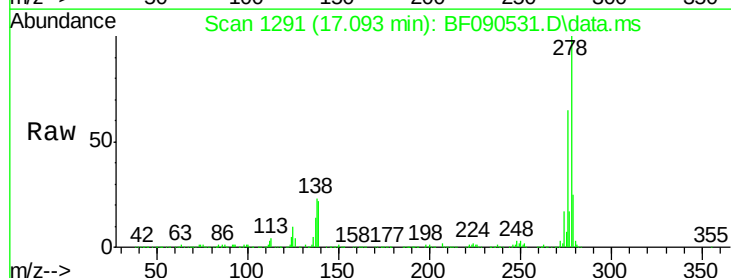
Tgt Ion:278 Resp: 984114

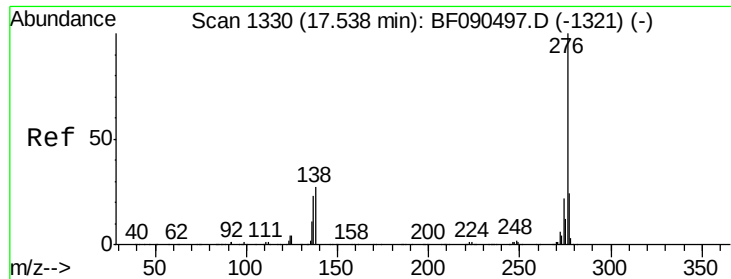
Ion Ratio Lower Upper

278 100

139 21.7 12.8 19.2#

279 24.7 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 36.66 ng

RT: 17.527 min Scan# 13

Delta R.T. -0.011 min

Lab File: BF090531.D

Acq: 12 Oct 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB93973BS

Tot Ion:276 Resp: 891422

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 26.4 20.8 31.2

