

Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\
 Data File : BF090085.D
 Acq On : 15 Sep 2016 11:56
 Operator : UM/SJ
 Sample : PB93355BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

Quant Time: Sep 15 12:51:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 09:41:41 2016
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.547	152	138329	20.00	ng	0.00	
21) Naphthalene-d8	7.839	136	576051	20.00	ng	0.00	
38) Acenaphthene-d10	9.576	164	267008	20.00	ng	-0.01	
63) Phenanthrene-d10	11.051	188	490259	20.00	ng	0.00	
75) Chrysene-d12	13.668	240	328018	20.00	ng	0.00	
86) Perylene-d12	14.994	264	282738	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.130	112	1106858	128.69	ng	0.01	
7) Phenol-d6	6.204	99	1323080	117.50	ng	0.00	
23) Nitrobenzene-d5	7.119	82	795748	77.67	ng	-0.01	
41) 2,4,6-Tribromophenol	10.365	330	313016	116.71	ng	-0.01	
44) 2-Fluorobiphenyl	8.925	172	1422678	83.68	ng	0.00	
78) Terphenyl-d14	12.628	244	1188182	86.02	ng	-0.01	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.044	88	154391	34.38	ng		98
3) Pyridine	2.650	79	408058	36.15	ng		99
4) n-Nitrosodimethylamine	2.604	42	142225	39.63	ng		91
6) Aniline	6.216	93	333047	23.83	ng	#	38
8) 2-Chlorophenol	6.330	128	410527	41.43	ng		94
9) Benzaldehyde	6.090	77	43175	7.19	ng		95
10) Phenol	6.216	94	550519	43.56	ng	#	75
11) bis(2-Chloroethyl)ether	6.296	93	410791	40.53	ng		97
12) 1,3-Dichlorobenzene	6.490	146	432173	42.40	ng		97
13) 1,4-Dichlorobenzene	6.570	146	440861	41.89	ng		97
14) 1,2-Dichlorobenzene	6.570	146	444450	46.48	ng		97
15) Benzyl Alcohol	6.707	79	300293	47.36	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.845	45	478567	39.84	ng		96
17) 2-Methylphenol	6.833	107	364938	45.03	ng		97
18) Hexachloroethane	7.062	117	153336	40.15	ng		94
19) n-Nitroso-di-n-propyla...	6.982	70	270048	38.59	ng		98
20) 3+4-Methylphenols	6.982	107	440733	46.47	ng	#	87
22) Acetophenone	6.970	105	520523	37.33	ng	#	98
24) Nitrobenzene	7.142	77	449047	41.61	ng		90
25) Isophorone	7.382	82	821183	38.28	ng		97
26) 2-Nitrophenol	7.462	139	230863	44.12	ng	#	89
27) 2,4-Dimethylphenol	7.519	122	384604	41.77	ng		95
28) bis(2-Chloroethoxy)met...	7.610	93	554771	44.09	ng		99
29) 2,4-Dichlorophenol	7.702	162	338640	41.64	ng		91
30) 1,2,4-Trichlorobenzene	7.782	180	325067	40.52	ng		99
31) Naphthalene	7.862	128	1275095	45.03	ng		99
32) Benzoic acid	7.633	122	100771	14.47	ng		97
33) 4-Chloroaniline	7.919	127	151084	12.54	ng		95
34) Hexachlorobutadiene	7.988	225	171322	41.70	ng		99
35) Caprolactam	8.285	113	68494	25.22	ng		94
36) 4-Chloro-3-methylphenol	8.410	107	376759	39.90	ng		98
37) 2-Methylnaphthalene	8.548	142	725382	41.31	ng		98
39) 1,2,4,5-Tetrachloroben...	8.719	216	266390	38.80	ng		100

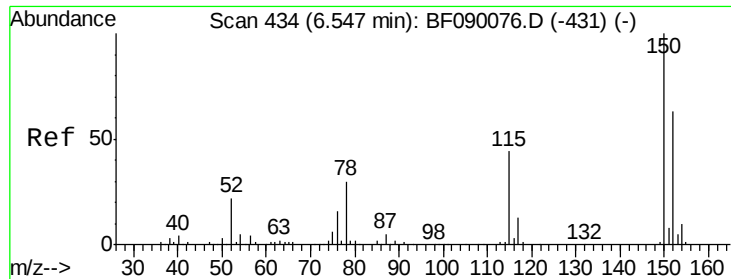
Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\
 Data File : BF090085.D
 Acq On : 15 Sep 2016 11:56
 Operator : UM/SJ
 Sample : PB93355BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

Quant Time: Sep 15 12:51:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 09:41:41 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	8.708	237	293033	82.13	nq	96
42) 2,4,6-Trichlorophenol	8.833	196	226209	45.46	nq	98
43) 2,4,5-Trichlorophenol	8.879	196	231104	43.17	nq	97
45) 1,1'-Biphenyl	9.016	154	834050	38.17	nq	98
46) 2-Chloronaphthalene	9.039	162	720960	44.53	nq	94
47) 2-Nitroaniline	9.142	65	222542	43.06	nq	# 82
48) Acenaphthylene	9.439	152	1111209	40.87	nq	99
49) Dimethylphthalate	9.325	163	795634	40.12	nq	98
50) 2,6-Dinitrotoluene	9.382	165	184809	41.70	nq	92
51) Acenaphthene	9.611	154	657570	43.30	nq	99
52) 3-Nitroaniline	9.542	138	119799	22.22	nq	84
53) 2,4-Dinitrophenol	9.656	184	133802	55.53	nq	# 90
54) Dibenzofuran	9.793	168	989130	47.10	nq	97
55) 4-Nitrophenol	9.725	139	293544	77.36	nq	88
56) 2,4-Dinitrotoluene	9.782	165	233668	43.25	nq	93
57) Fluorene	10.125	166	658032	42.23	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.908	232	185466	45.43	nq	98
59) Diethylphthalate	10.022	149	799815	41.66	nq	100
60) 4-Chlorophenyl-phenyle...	10.125	204	280531	45.32	nq	96
61) 4-Nitroaniline	10.159	138	223513	40.95	nq	88
62) Azobenzene	10.285	77	955053	47.40	nq	97
64) 4,6-Dinitro-2-methylph...	10.182	198	99807	30.60	nq	# 45
65) n-Nitrosodiphenylamine	10.251	169	705977	45.45	nq	100
66) 4-Bromophenyl-phenylether	10.616	248	209687	44.37	nq	# 92
67) Hexachlorobenzene	10.674	284	239563	43.02	nq	# 86
68) Atrazine	10.776	200	200315	43.40	nq	96
69) Pentachlorophenol	10.868	266	244892	75.06	nq	98
70) Phenanthrene	11.074	178	968194	40.87	nq	99
71) Anthracene	11.131	178	1196071	46.24	nq	99
72) Carbazole	11.291	167	1169711	44.08	nq	98
73) Di-n-butylphthalate	11.634	149	1222977	41.10	nq	100
74) Fluoranthene	12.251	202	1088982	43.87	nq	98
76) Benzidine	12.388	184	420401	31.42	nq	96
77) Pyrene	12.468	202	1086464	45.38	nq	98
79) Butylbenzylphthalate	13.108	149	531950	44.62	nq	# 71
80) Benzo(a)anthracene	13.657	228	843544	44.05	nq	99
81) 3,3'-Dichlorobenzidine	13.622	252	131798	16.42	nq	# 97
82) Chrysene	13.691	228	837660	44.93	nq	100
83) Bis(2-ethylhexyl)phtha...	13.680	149	639412	43.36	nq	100
84) Di-n-octyl phthalate	14.285	149	1024827	38.88	nq	99
85) Indeno(1,2,3-cd)pyrene	16.171	276	728823	46.70	nq	99
87) Benzo(b)fluoranthene	14.640	252	1363390	82.25	nq	98
88) Benzo(k)fluoranthene	14.640	252	1363390	91.37	nq	# 96
89) Benzo(a)pyrene	14.937	252	658692	44.31	nq	# 94
90) Dibenzo(a,h)anthracene	16.194	278	619725	53.24	nq	99
91) Benzo(g,h,i)perylene	16.526	276	628409	56.57	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.547 min Scan# 43

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

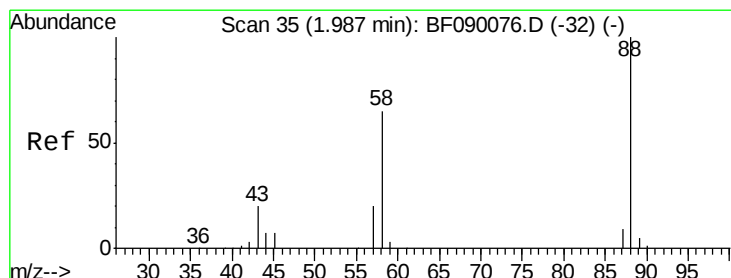
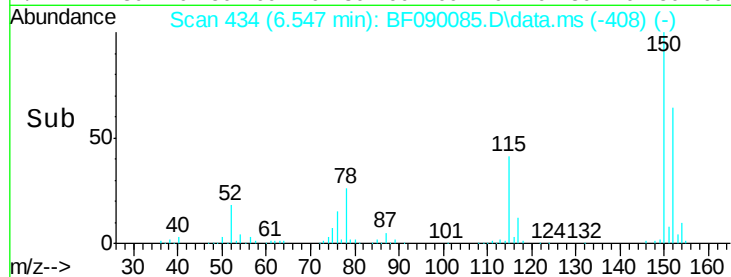
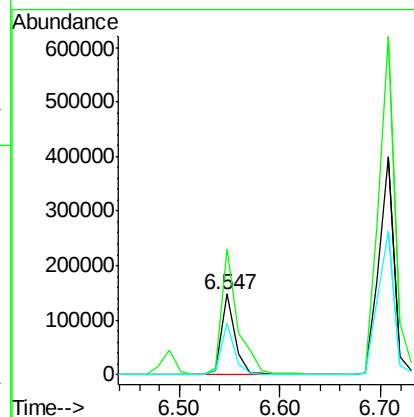
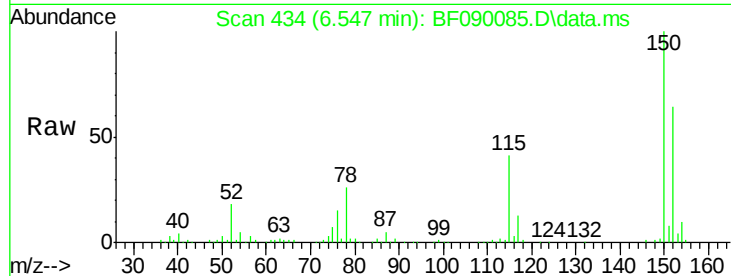
Tot Ion:152 Resp: 138329

Ion Ratio Lower Upper

152 100

150 155.8 128.9 193.3

115 64.1 55.5 83.3



#2

1,4-Dioxane

Concen: 34.38 ng

RT: 2.044 min Scan# 40

Delta R.T. 0.057 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

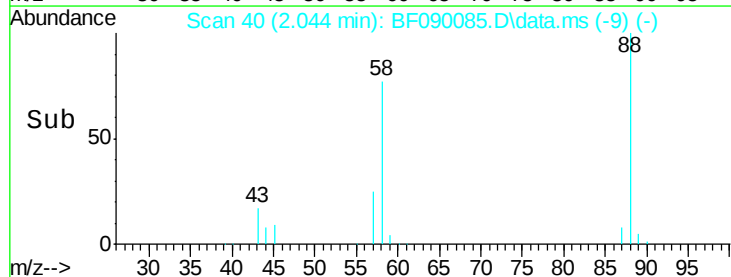
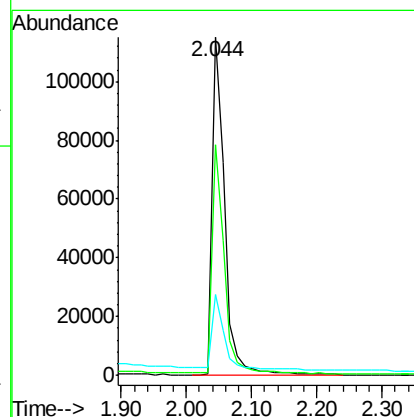
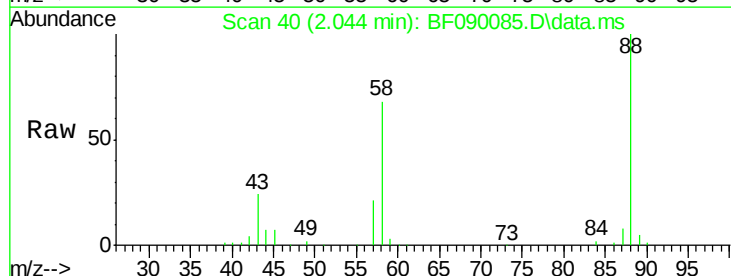
Tgt Ion: 88 Resp: 154391

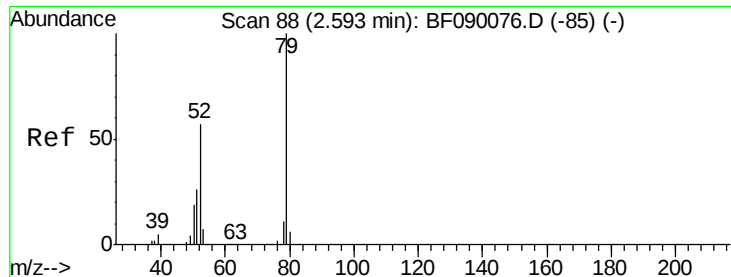
Ion Ratio Lower Upper

88 100

58 64.9 53.4 80.0

43 20.1 16.5 24.7

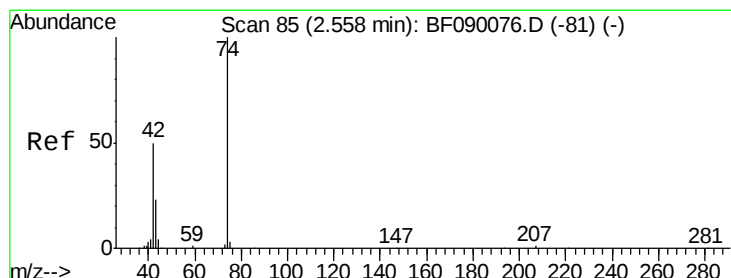
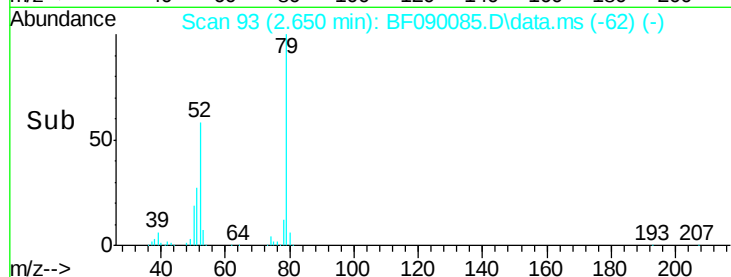
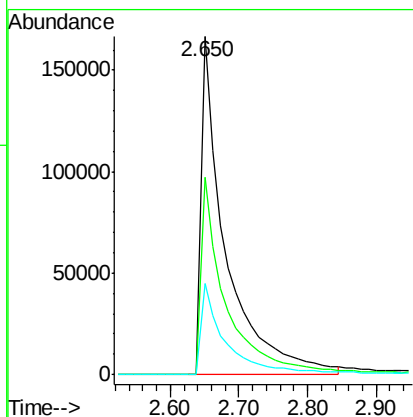
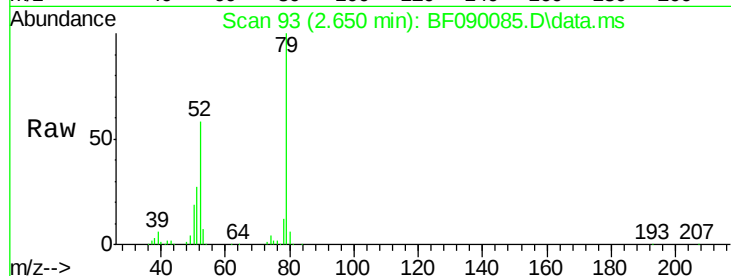




#3
Pvrirdine
Concen: 36.15 ng
RT: 2.650 min Scan# 93
Delta R.T. 0.058 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

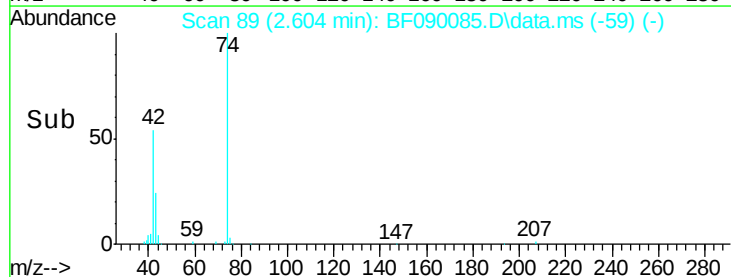
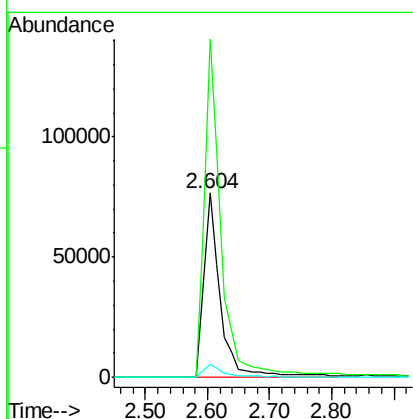
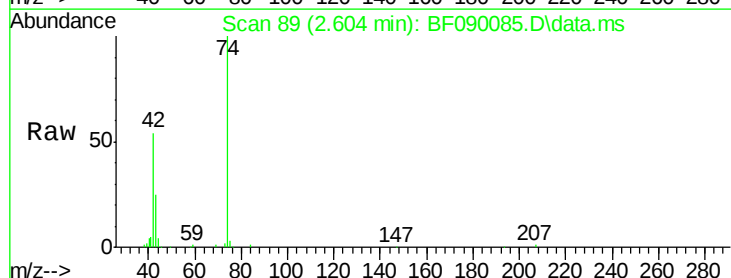
Instrument :
BNA_F
ClientSampleId :
PB93355BS

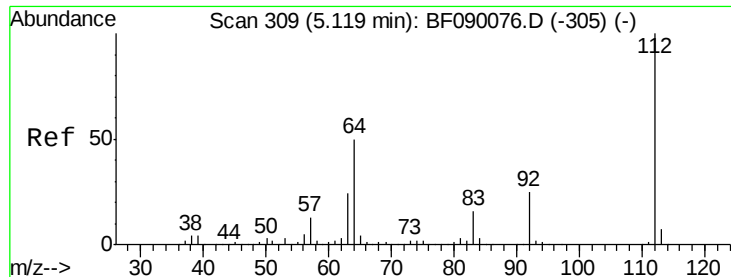
Tot Ion: 79 Resp: 408058
Ion Ratio Lower Upper
79 100
52 58.2 45.9 68.9
51 26.9 21.3 31.9



#4
n-Nitrosodimethylamine
Concen: 39.63 ng
RT: 2.604 min Scan# 89
Delta R.T. 0.046 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion: 42 Resp: 142225
Ion Ratio Lower Upper
42 100
74 183.9 158.7 238.1
44 7.3 6.4 9.6





#5

2-Fluorophenol

Concen: 128.69 ng

RT: 5.130 min Scan# 31

Delta R.T. 0.012 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

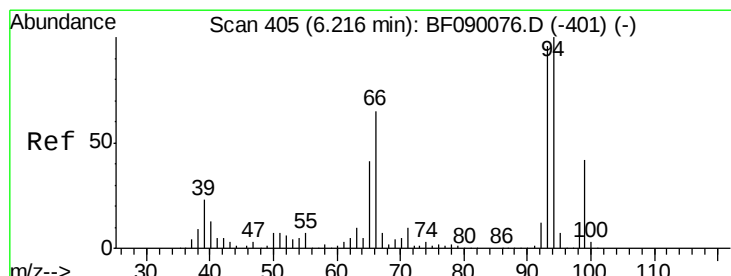
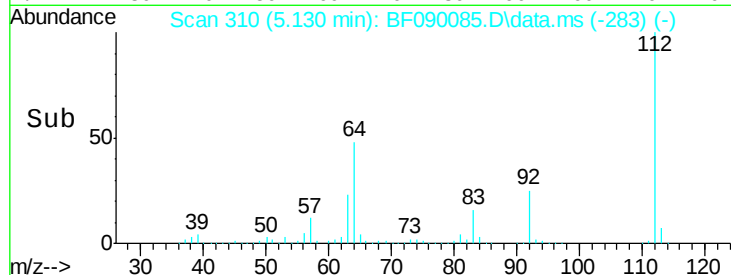
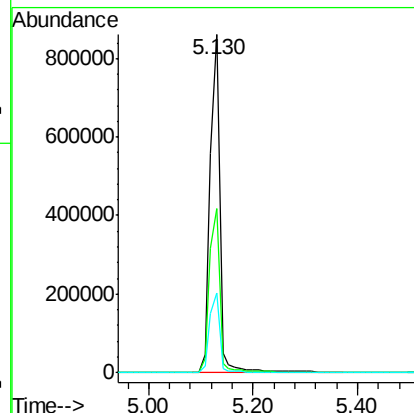
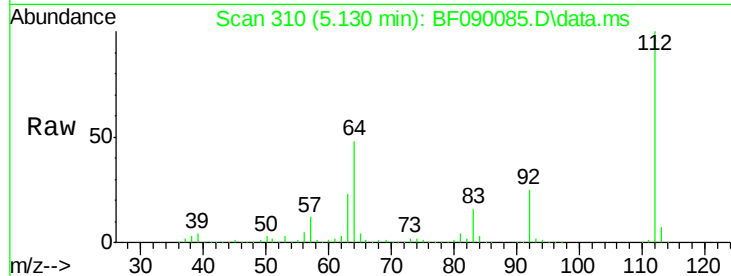
Tot Ion:112 Resp: 1106858

Ion Ratio Lower Upper

112 100

64 48.3 39.8 59.6

63 23.4 18.9 28.3



#6

Aniline

Concen: 23.83 ng

RT: 6.216 min Scan# 405

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

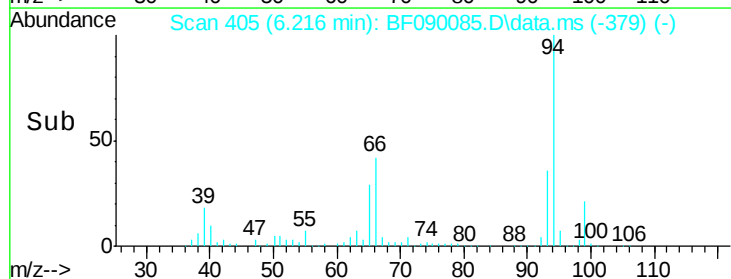
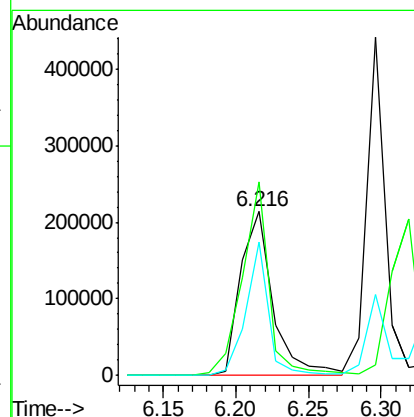
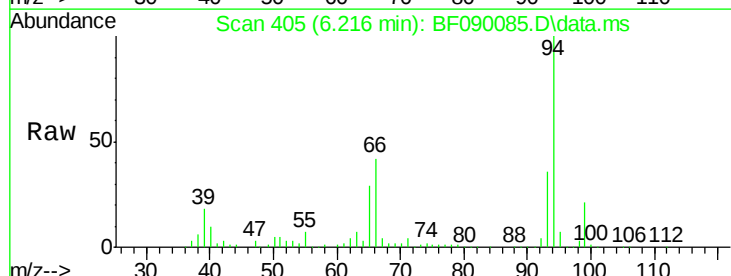
Tgt Ion: 93 Resp: 333047

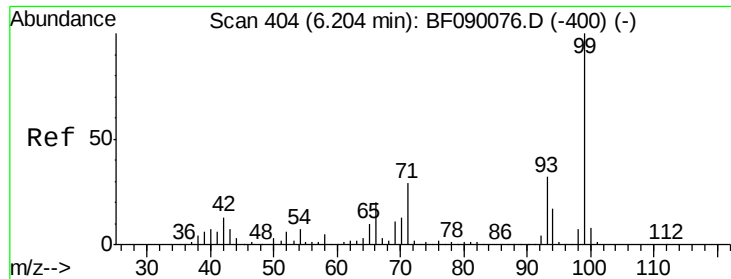
Ion Ratio Lower Upper

93 100

66 117.9 54.2 81.2#

65 81.8 33.8 50.6#





#7

Phenol-d6

Concen: 117.50 ng

RT: 6.204 min Scan# 40

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

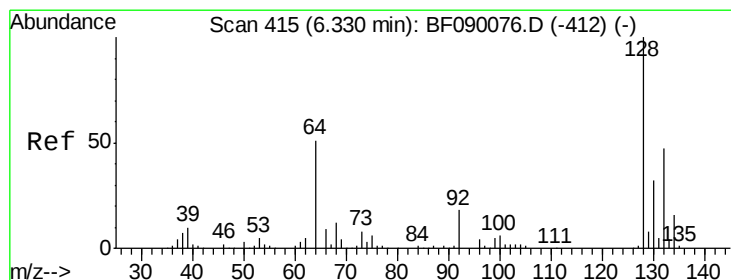
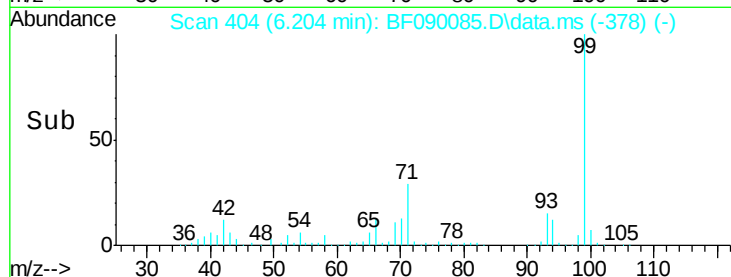
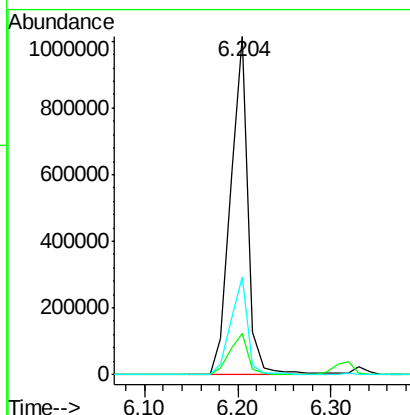
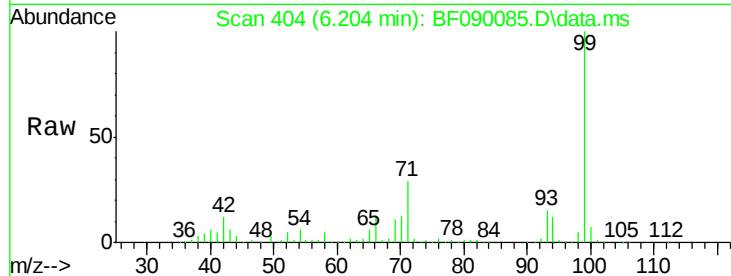
BNA_F

ClientSampleId :

PB93355BS

Tot Ion: 99 Resp: 1323080

Ion	Ratio	Lower	Upper
99	100		
42	12.3	10.6	15.8
71	28.8	23.0	34.6



#8

2-Chlorophenol

Concen: 41.43 ng

RT: 6.330 min Scan# 415

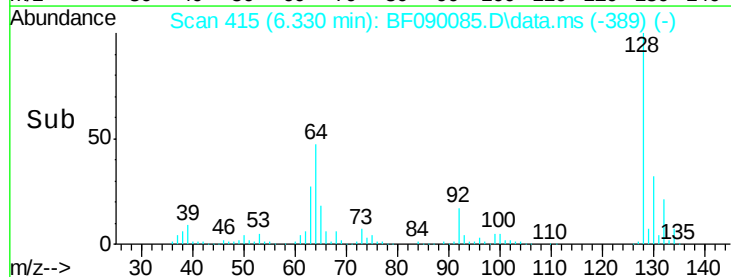
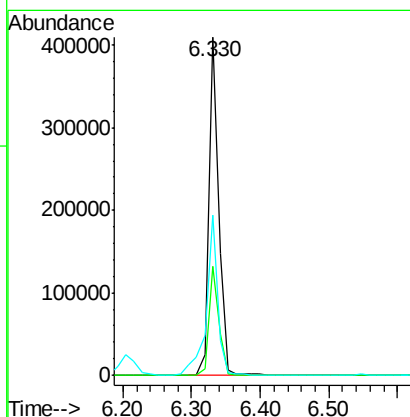
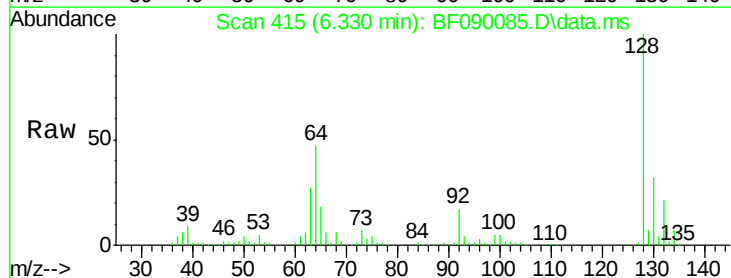
Delta R.T. 0.000 min

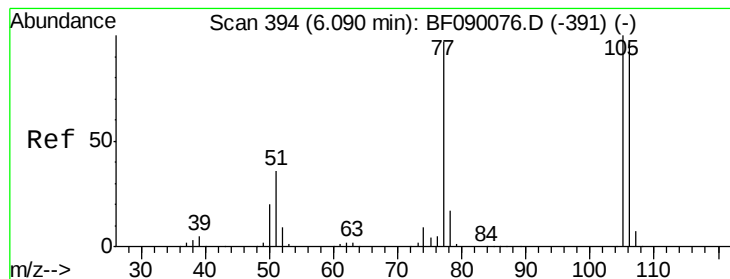
Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion:128 Resp: 410527

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	47.3	33.6	73.6





#9

Benzaldehyde

Concen: 7.19 ng

RT: 6.090 min Scan# 39

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

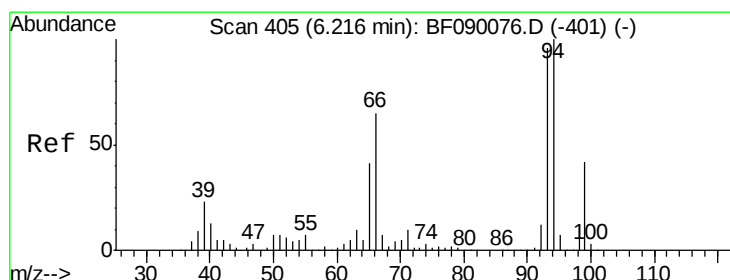
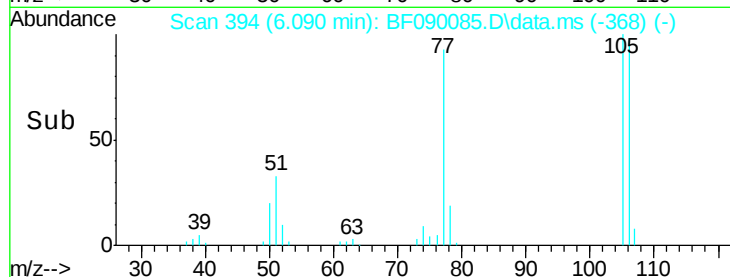
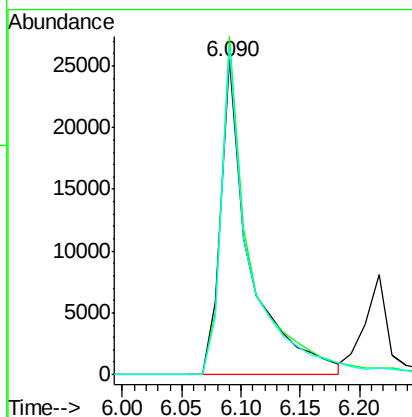
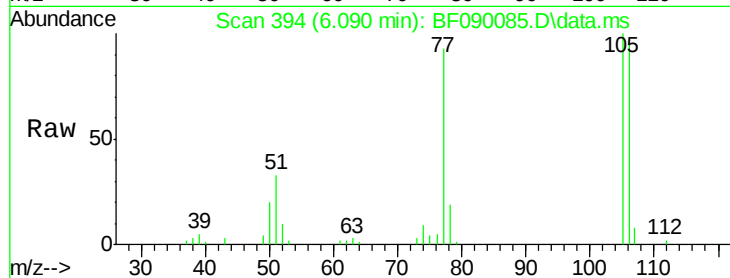
Tot Ion: 77 Resp: 43175

Ion Ratio Lower Upper

77 100

105 107.2 83.0 123.0

106 103.8 78.5 118.5



#10

Phenol

Concen: 43.56 ng

RT: 6.216 min Scan# 405

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

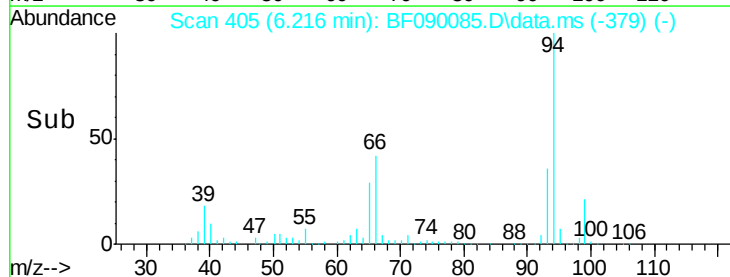
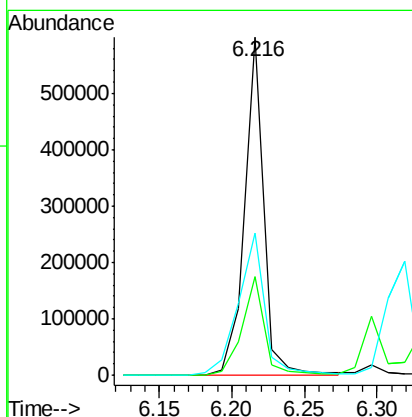
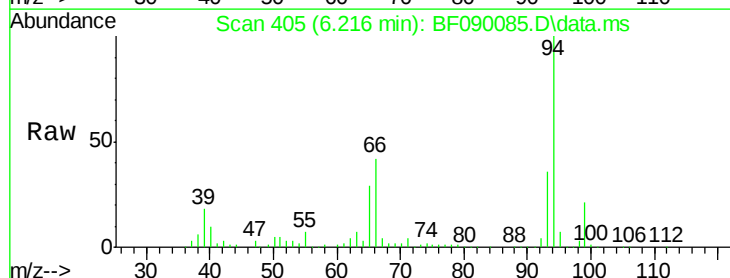
Tgt Ion: 94 Resp: 550519

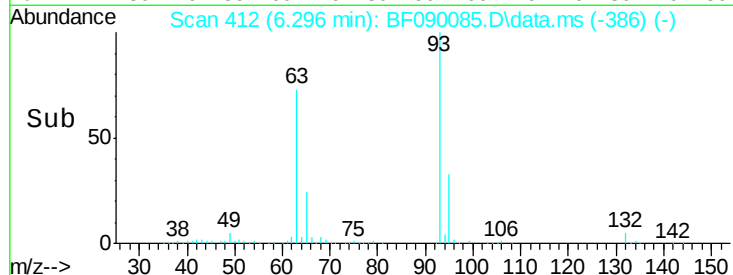
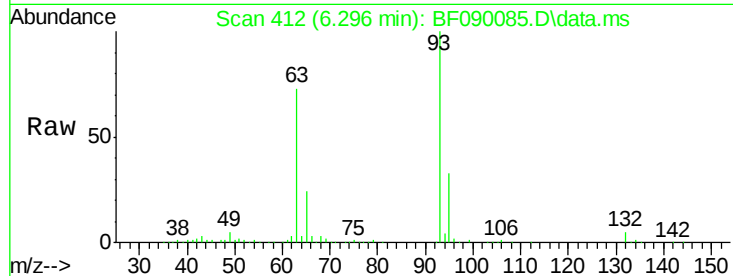
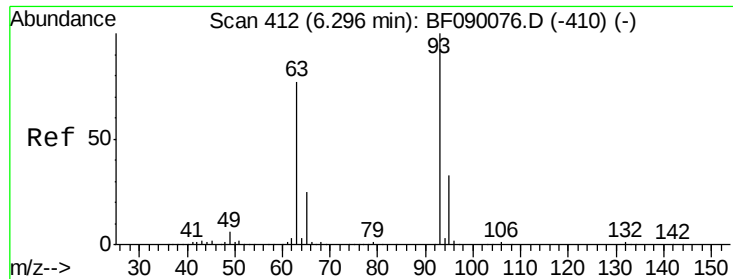
Ion Ratio Lower Upper

94 100

65 29.2 20.6 60.6

66 42.1 45.1 85.1#

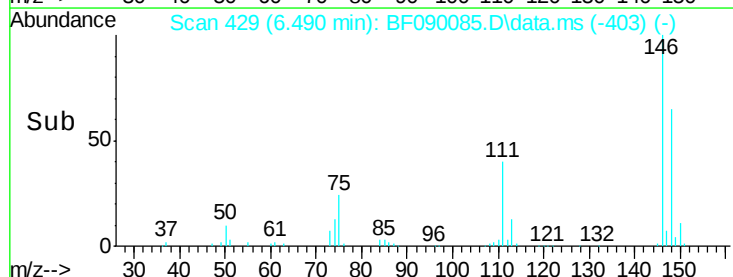
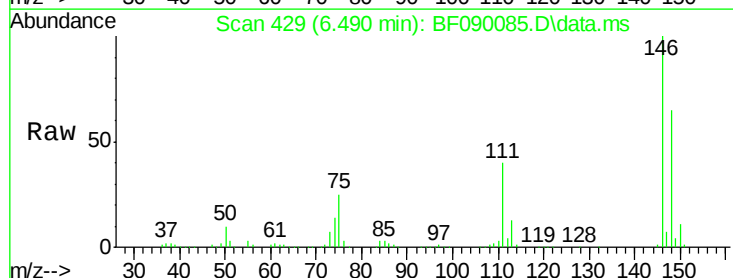
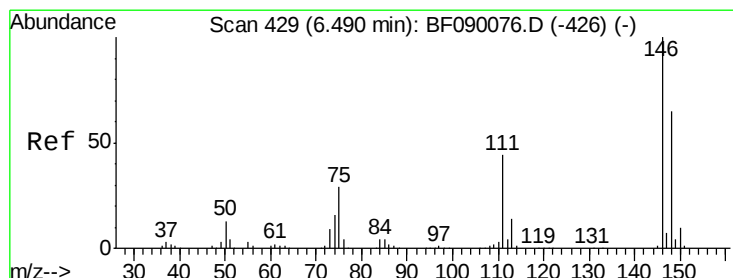
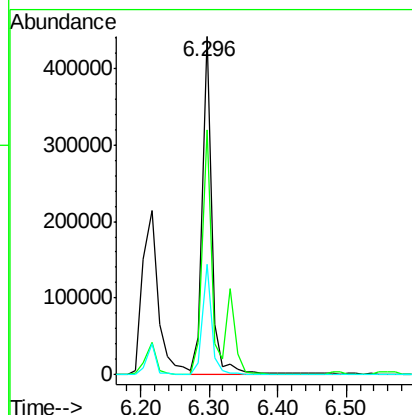




#11
bis(2-Chloroethyl)ether
Concen: 40.53 ng
RT: 6.296 min Scan# 411
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

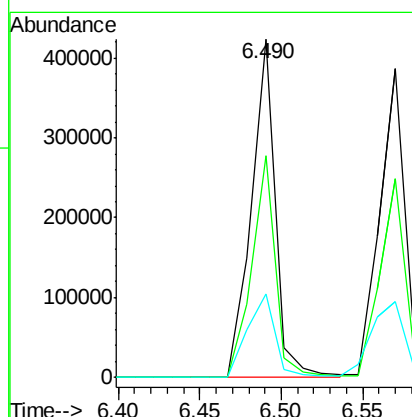
Instrument :
BNA_F
ClientSampleId :
PB93355BS

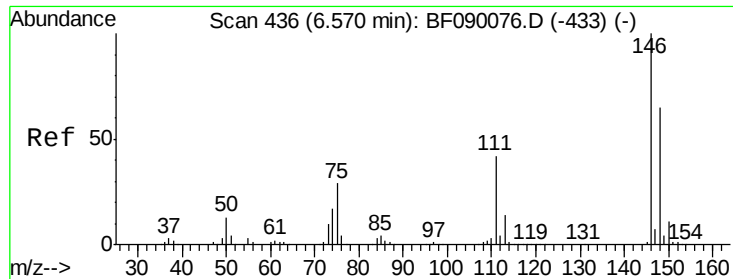
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	55.6	95.6
95	32.7	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 42.40 ng
RT: 6.490 min Scan# 429
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
75	24.5	22.8	34.2

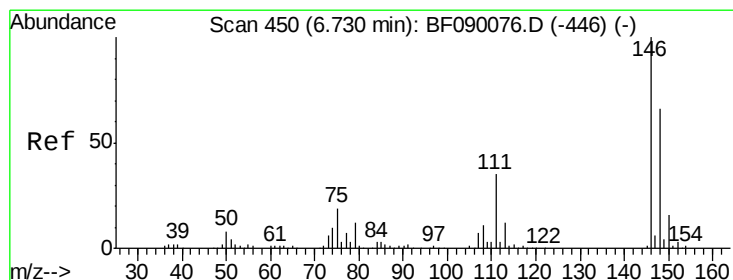
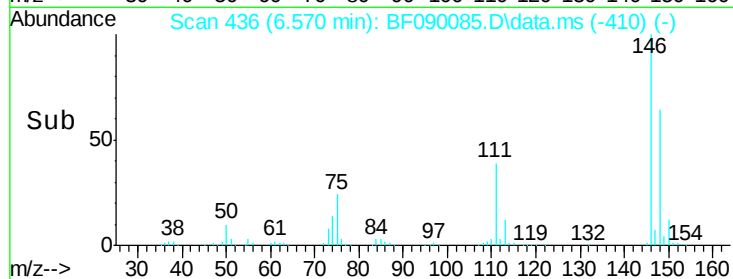
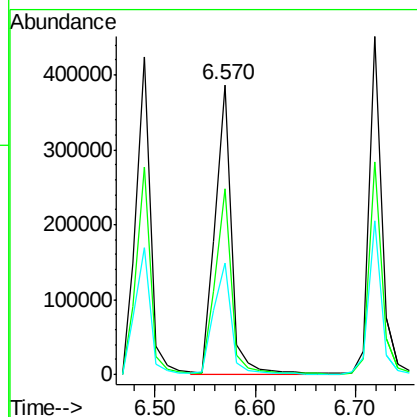
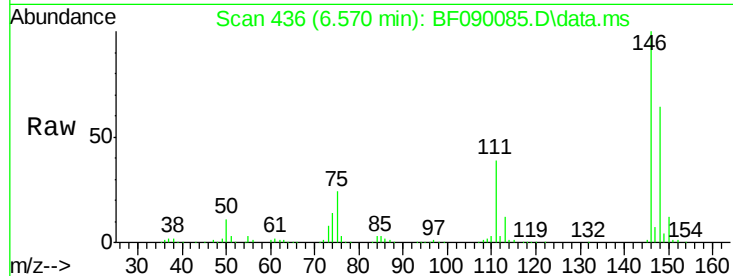




#13
 1,4-Dichlorobenzene
 Concen: 41.89 ng
 RT: 6.570 min Scan# 436
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

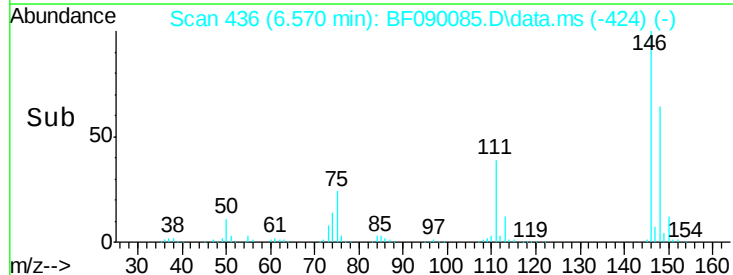
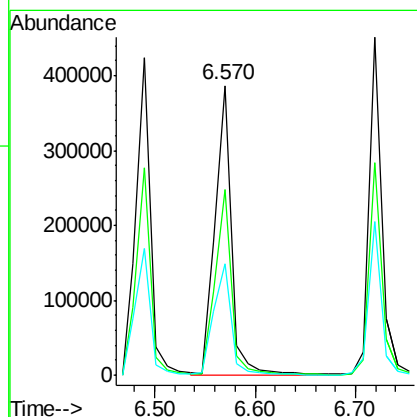
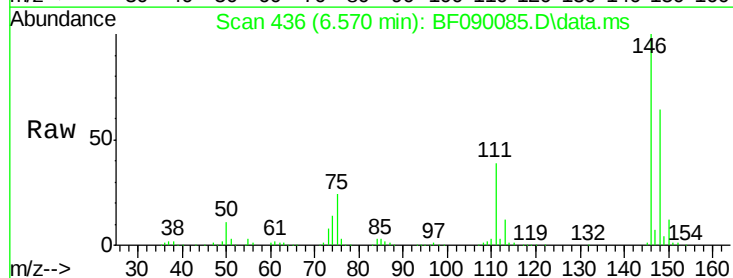
Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

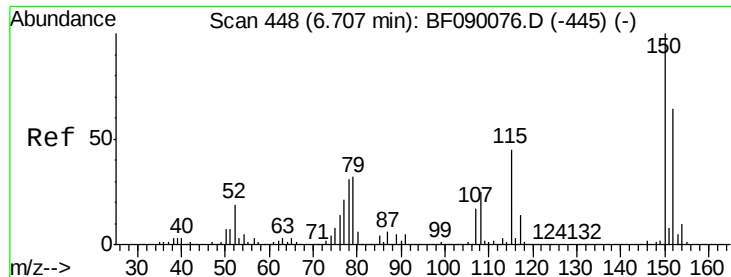
Tot Ion:146 Resp: 440861
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.0 78.0
 111 38.6 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 46.48 ng
 RT: 6.570 min Scan# 436
 Delta R.T. -0.160 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion:146 Resp: 444450
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.6 79.0
 111 38.6 28.2 42.2

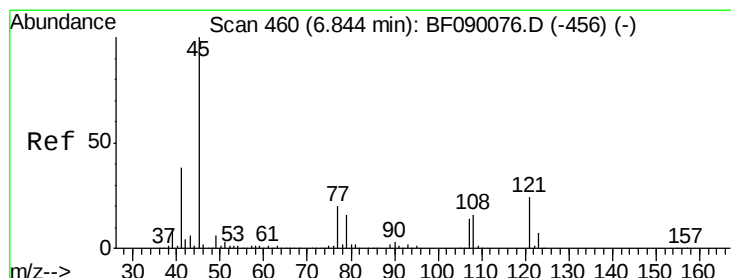
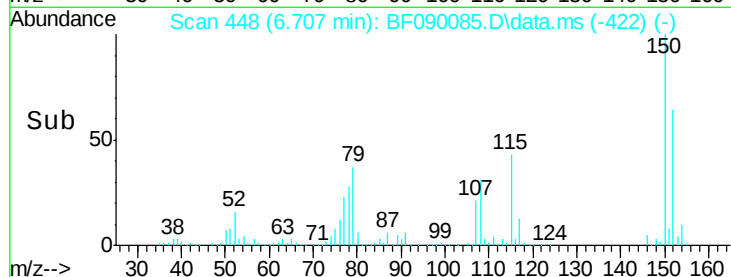
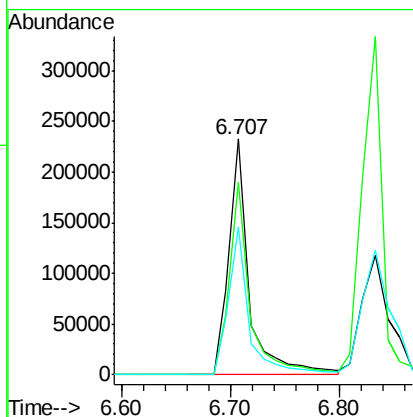
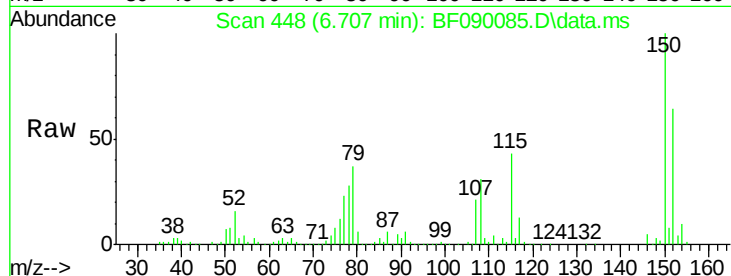




#15
Benzyl Alcohol
Concen: 47.36 ng
RT: 6.707 min Scan# 448
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

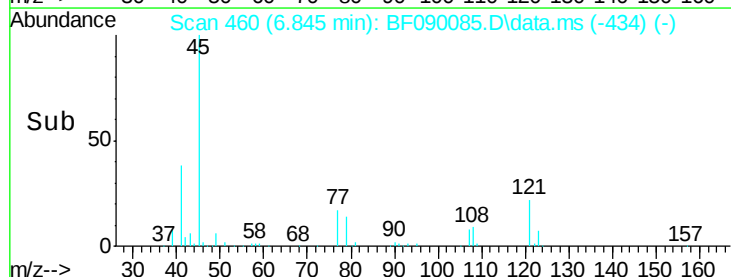
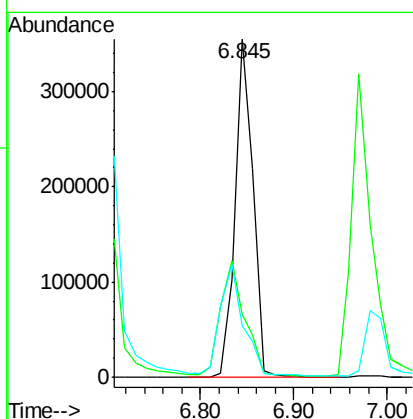
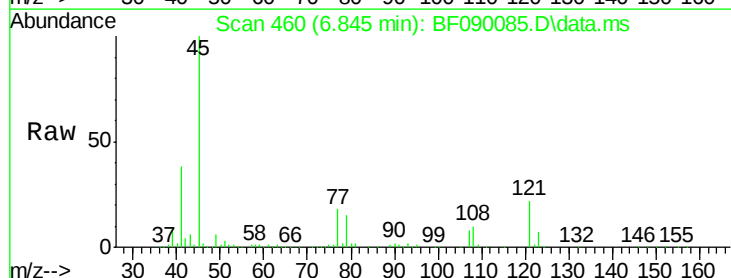
Instrument :
BNA_F
ClientSampleId :
PB93355BS

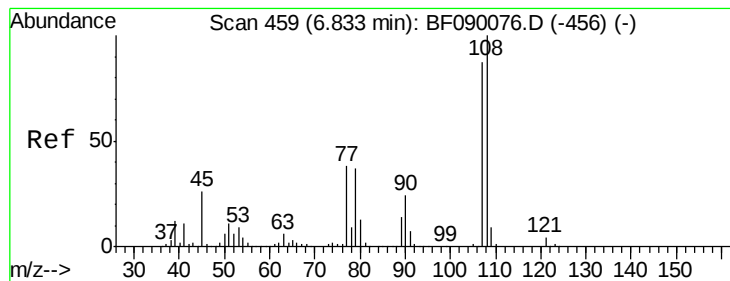
Tot Ion: 79 Resp: 300293
Ion Ratio Lower Upper
79 100
108 81.8 62.2 93.4
77 62.4 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.84 ng
RT: 6.845 min Scan# 460
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion: 45 Resp: 478567
Ion Ratio Lower Upper
45 100
77 18.5 0.5 40.5
79 15.3 0.0 37.0





#17

2-Methylphenol

Concen: 45.03 ng

RT: 6.833 min Scan# 45

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

Tot Ion:107 Resp: 364938

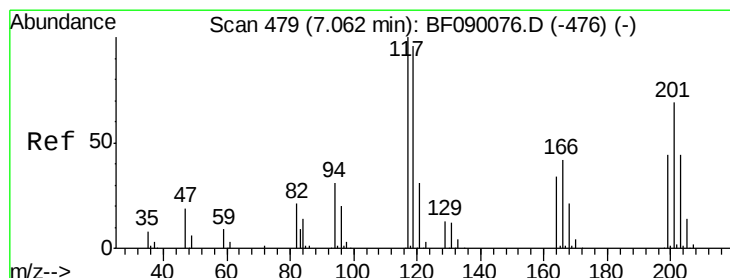
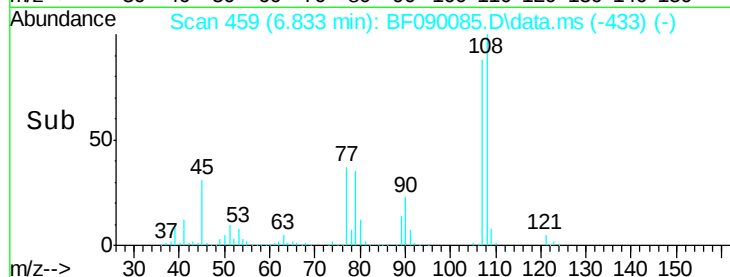
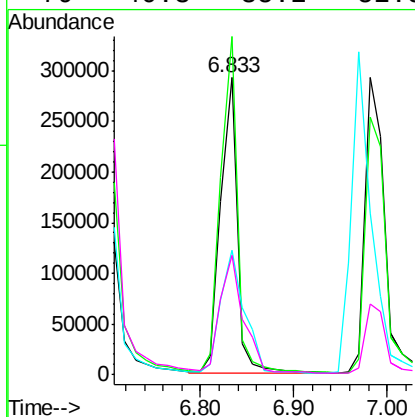
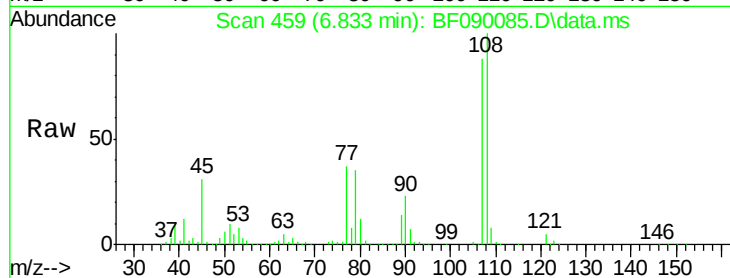
Ion Ratio Lower Upper

107 100

108 113.9 92.0 138.0

77 41.9 35.6 53.4

79 40.3 35.2 52.8



#18

Hexachloroethane

Concen: 40.15 ng

RT: 7.062 min Scan# 479

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

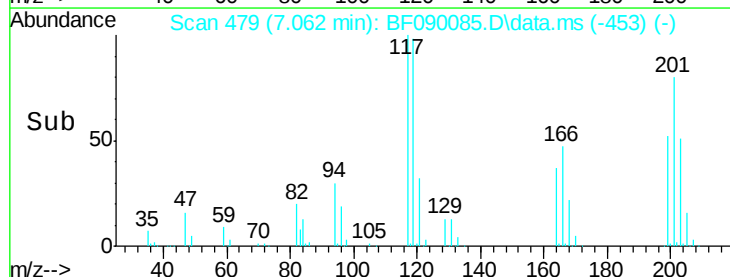
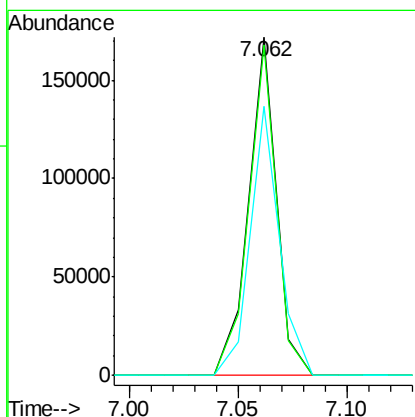
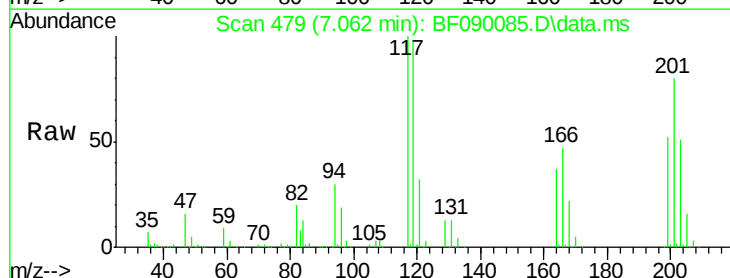
Tgt Ion:117 Resp: 153336

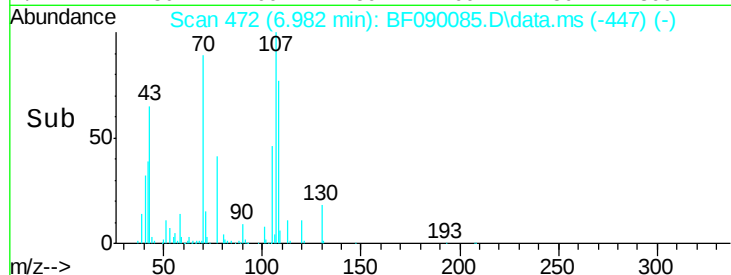
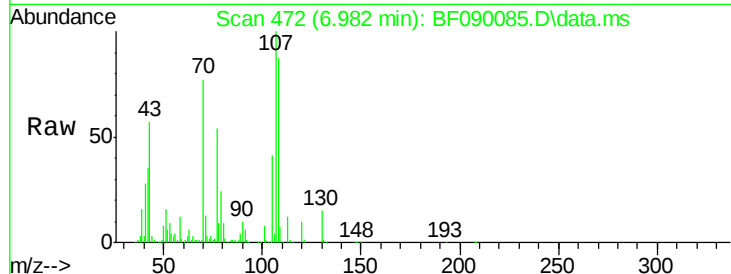
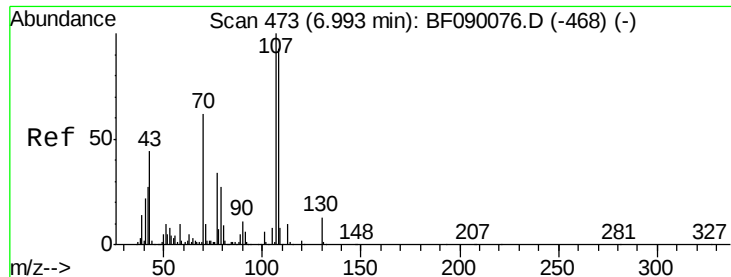
Ion Ratio Lower Upper

117 100

119 97.6 76.6 115.0

201 79.7 55.5 83.3

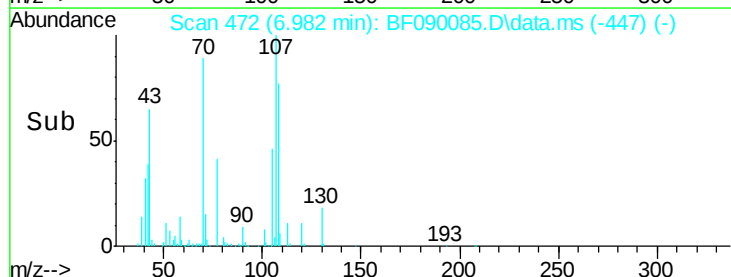
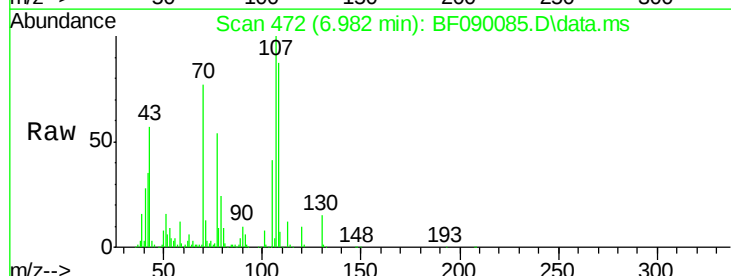
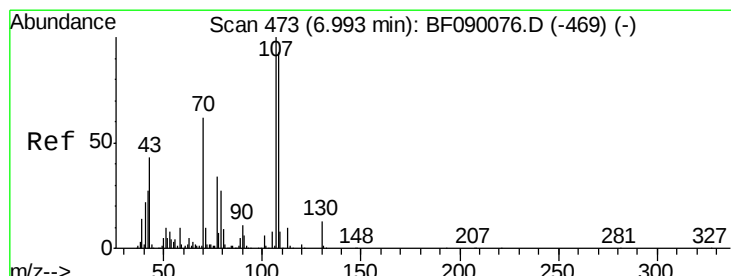
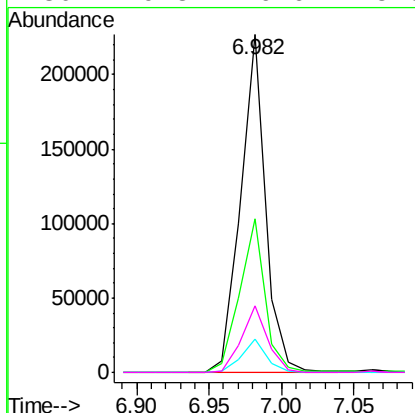




#19
n-Nitroso-di-n-propylamine
Concen: 38.59 ng
RT: 6.982 min Scan# 47
Delta R.T. -0.011 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

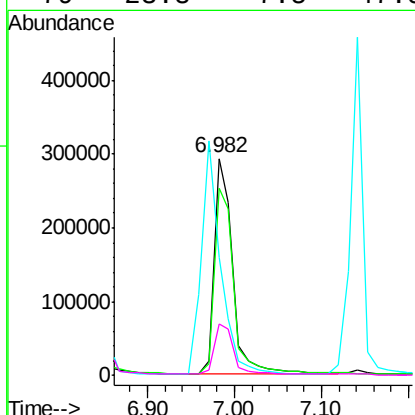
Instrument :
BNA_F
ClientSampleId :
PB93355BS

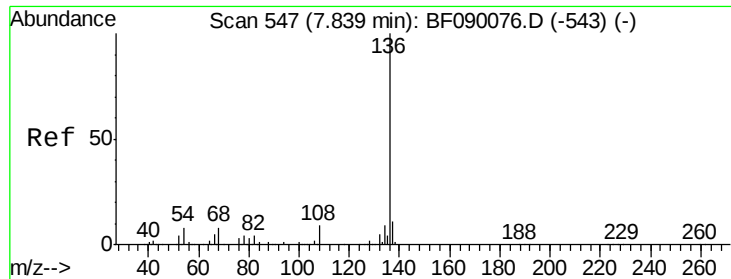
Tot Ion:	70	Resp:	270048
Ion	Ratio	Lower	Upper
70	100		
42	45.5	35.1	52.7
101	9.8	7.5	11.3
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 46.47 ng
RT: 6.982 min Scan# 472
Delta R.T. -0.011 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion:	107	Resp:	440733
Ion	Ratio	Lower	Upper
107	100		
108	86.7	73.3	113.3
77	54.3	14.1	54.1#
79	23.8	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.839 min Scan# 54

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

Tot Ion:136 Resp: 576051

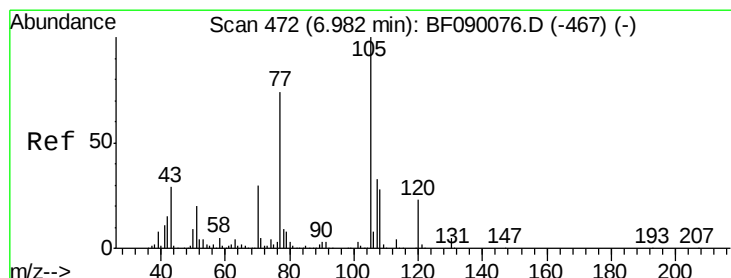
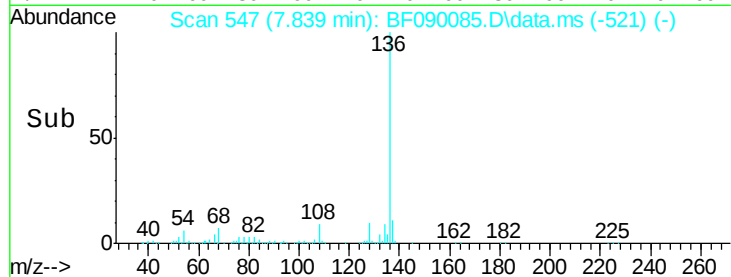
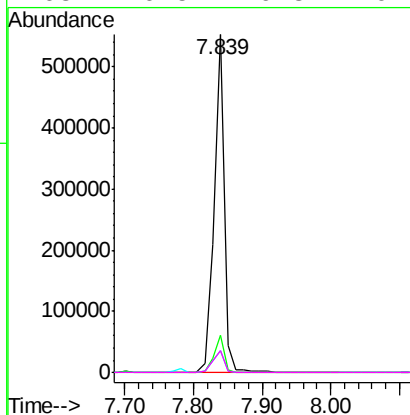
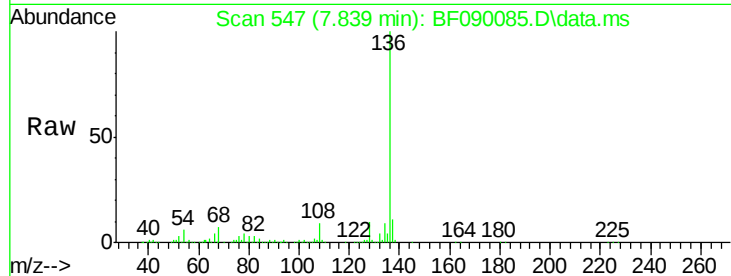
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.4 6.4 9.6#

68 6.5 6.3 9.5



#22

Acetophenone

Concen: 37.33 ng

RT: 6.970 min Scan# 471

Delta R.T. -0.011 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion:105 Resp: 520523

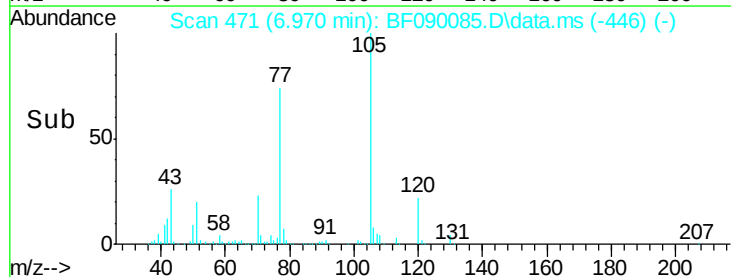
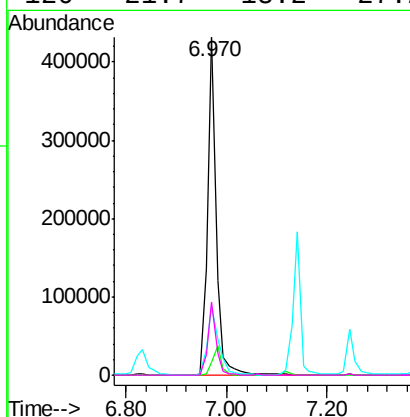
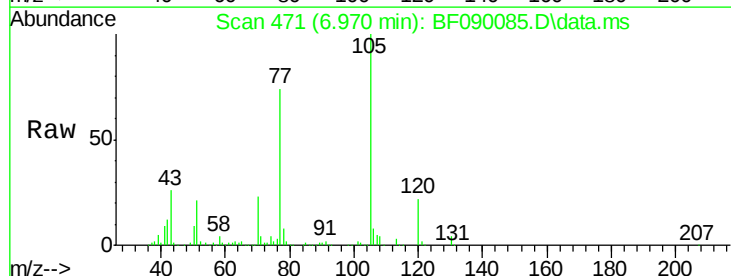
Ion Ratio Lower Upper

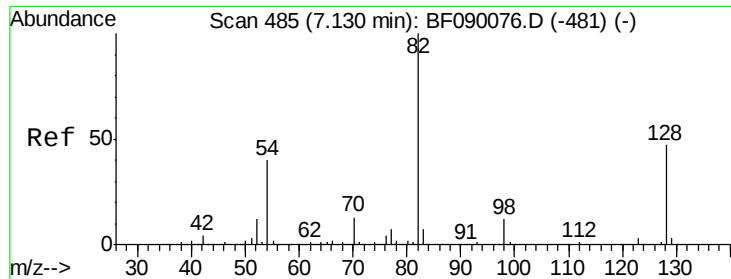
105 100

71 4.0 4.1 6.1#

51 20.6 16.2 24.2

120 21.7 18.2 27.2

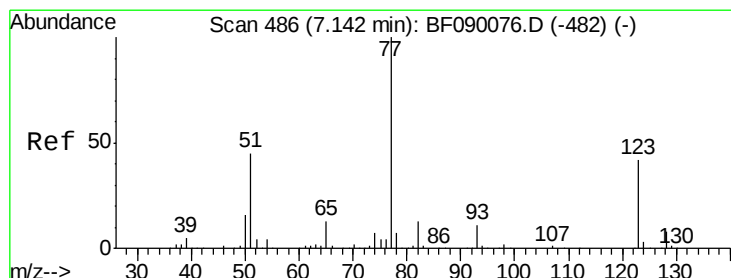
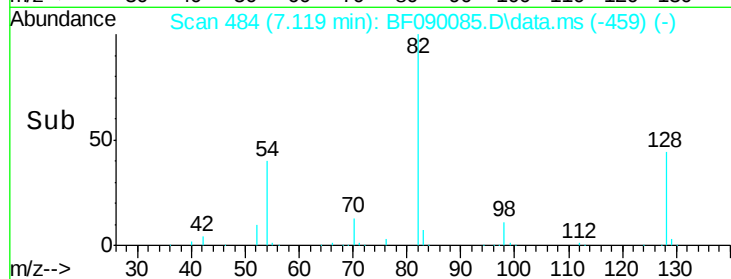
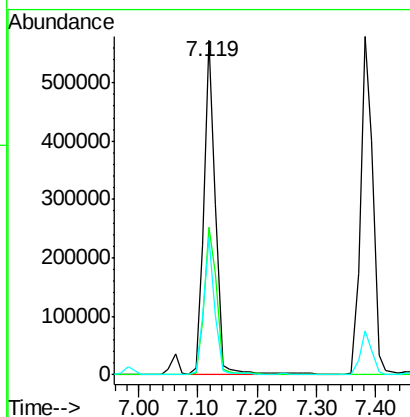
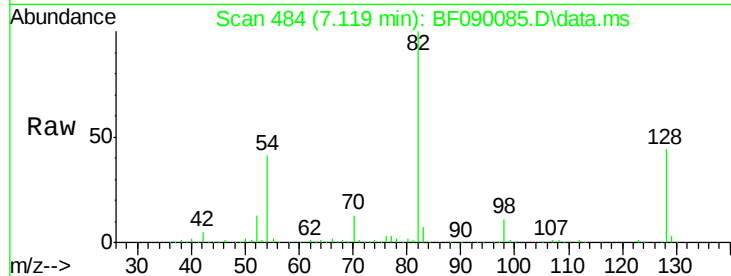




#23
 Nitrobenzene-d5
 Concen: 77.67 ng
 RT: 7.119 min Scan# 48
 Delta R.T. -0.011 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

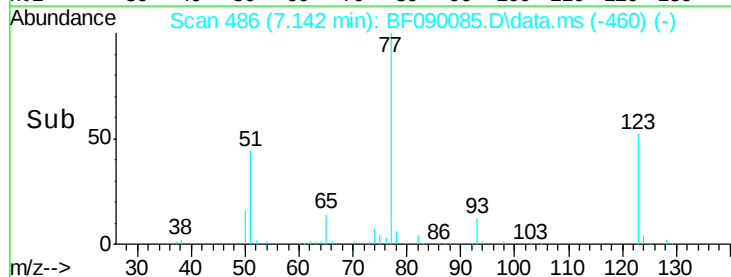
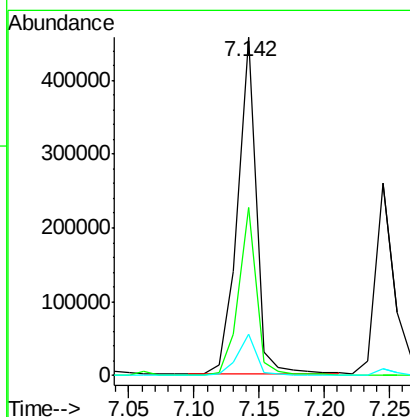
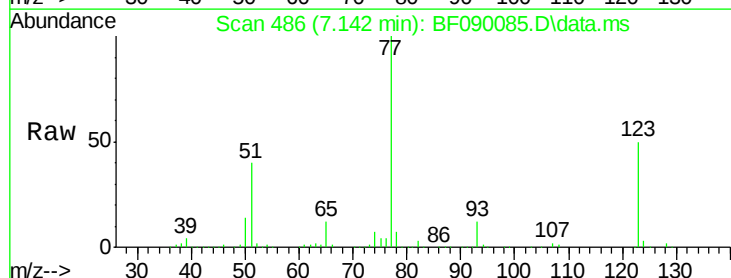
Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

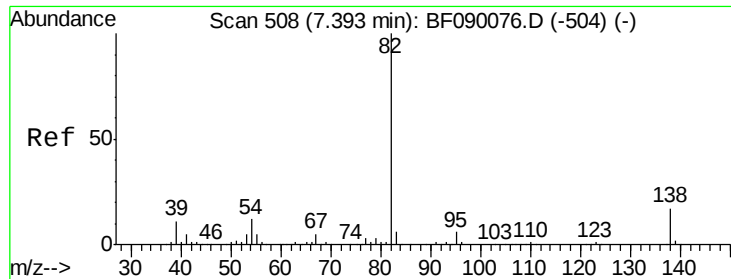
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	37.5	56.3
54	41.2	31.9	47.9



#24
 Nitrobenzene
 Concen: 41.61 ng
 RT: 7.142 min Scan# 486
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	33.4	50.2
65	12.1	10.1	15.1





#25

Isophorone

Concen: 38.28 ng

RT: 7.382 min Scan# 50

Delta R.T. -0.011 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

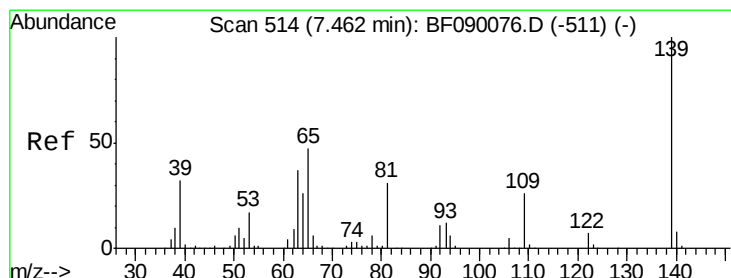
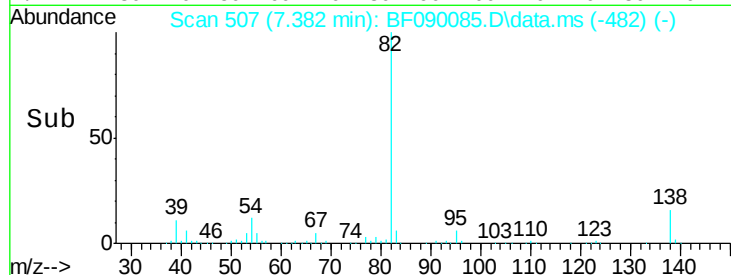
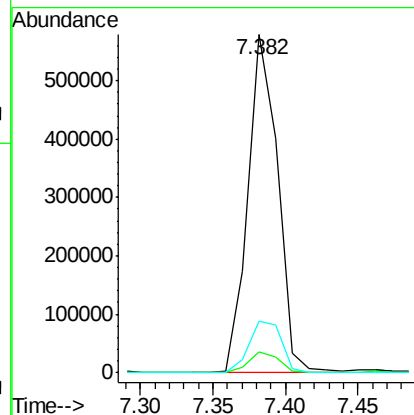
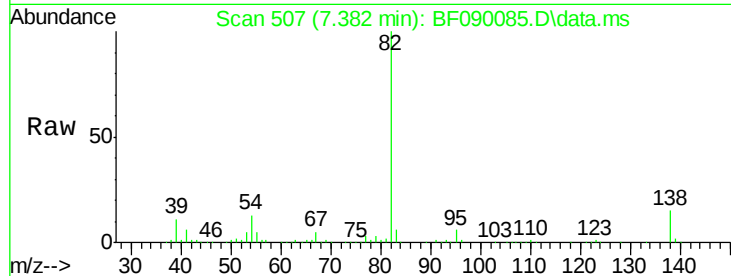
Tot Ion: 82 Resp: 821183

Ion Ratio Lower Upper

82 100

95 6.0 5.1 7.7

138 15.3 13.5 20.3



#26

2-Nitrophenol

Concen: 44.12 ng

RT: 7.462 min Scan# 514

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

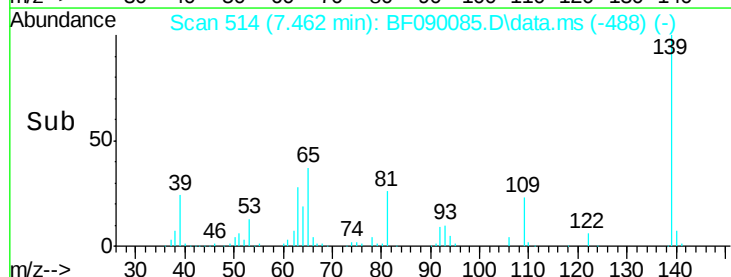
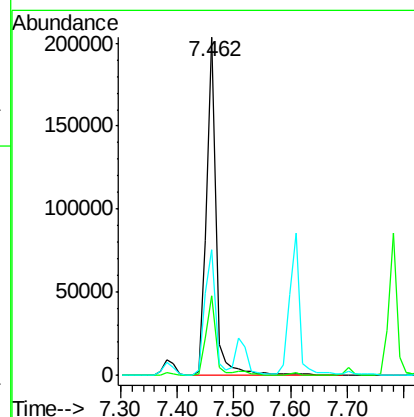
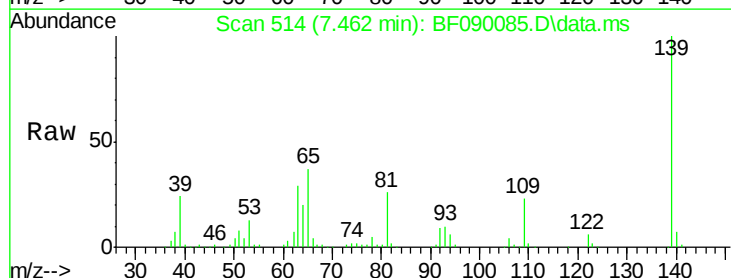
Tgt Ion: 139 Resp: 230863

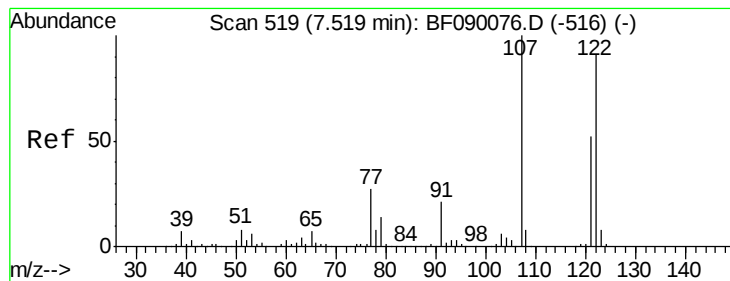
Ion Ratio Lower Upper

139 100

109 23.5 20.5 30.7

65 37.2 37.9 56.9#





#27

2,4-Dimethylphenol

Concen: 41.77 ng

RT: 7.519 min Scan# 519

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

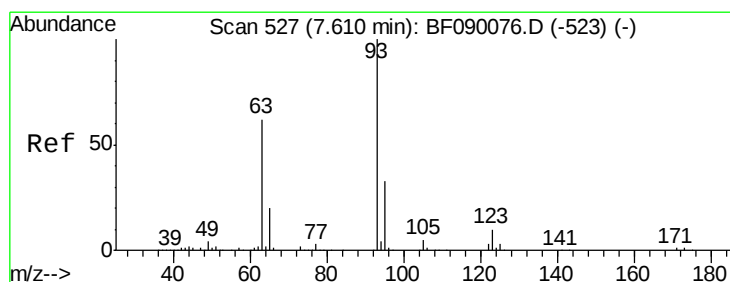
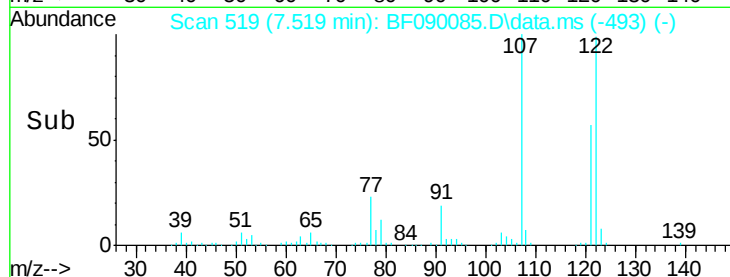
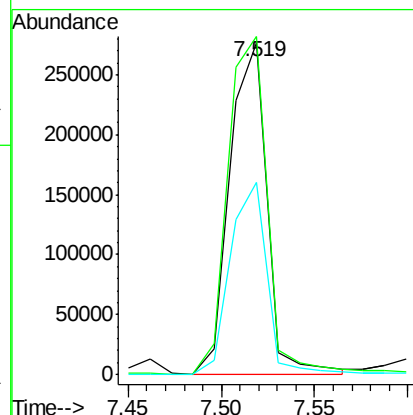
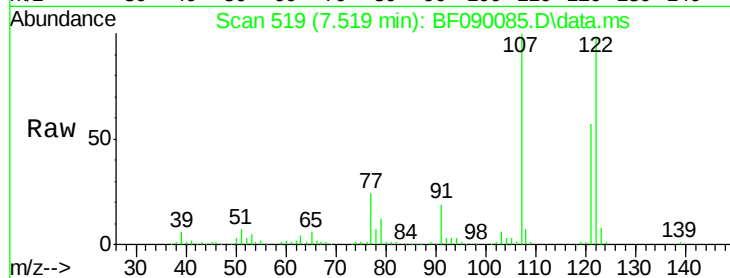
Tot Ion:122 Resp: 384604

Ion Ratio Lower Upper

122 100

107 102.0 87.8 131.6

121 57.9 45.7 68.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.09 ng

RT: 7.610 min Scan# 527

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

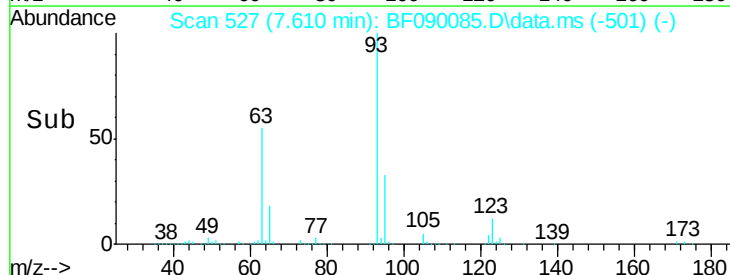
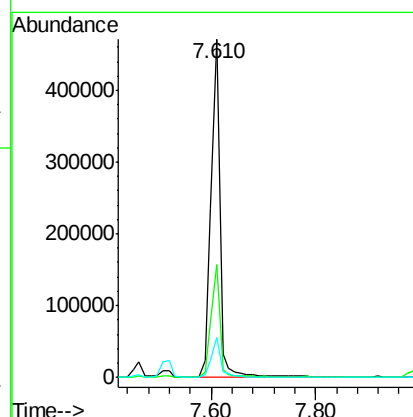
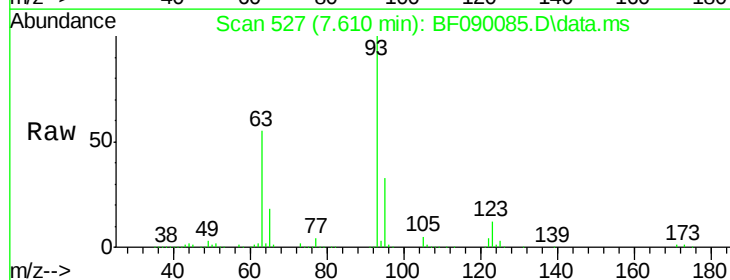
Tgt Ion: 93 Resp: 554771

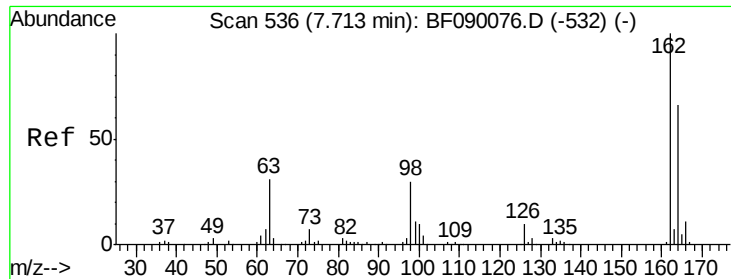
Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

123 11.6 8.5 12.7

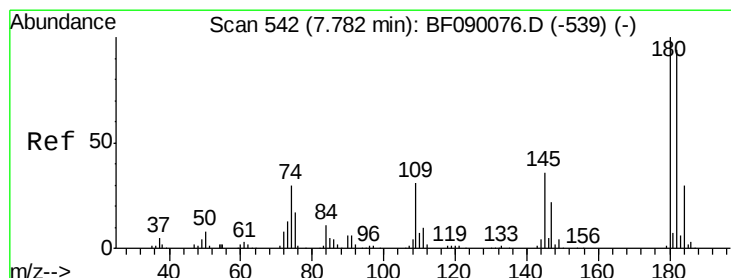
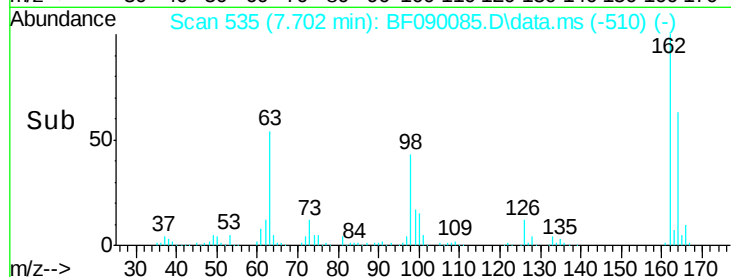
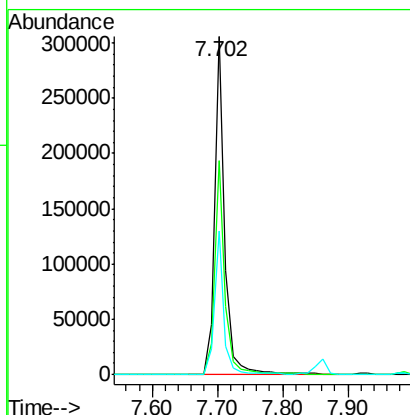
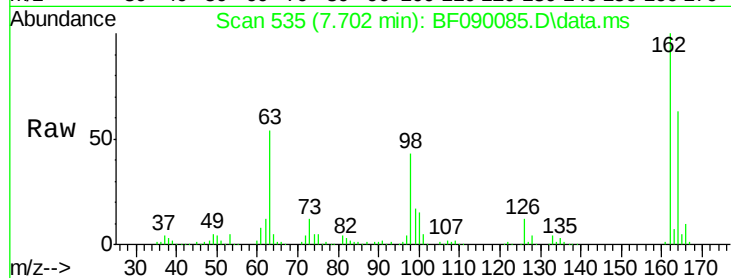




#29
 2,4-Dichlorophenol
 Concen: 41.64 ng
 RT: 7.702 min Scan# 53
 Delta R.T. -0.011 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

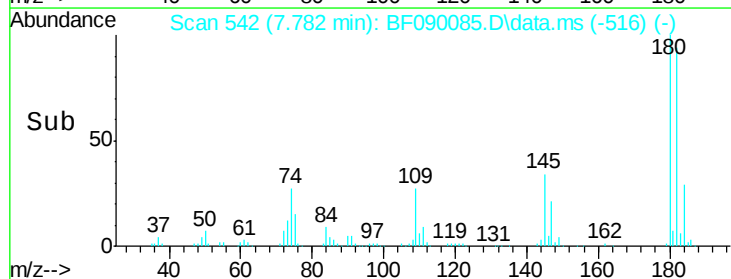
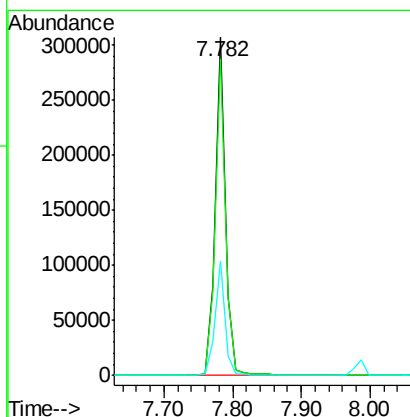
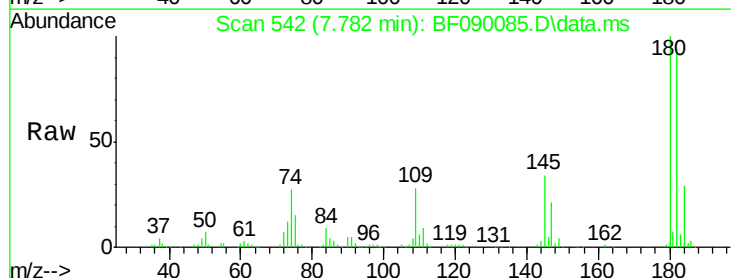
Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

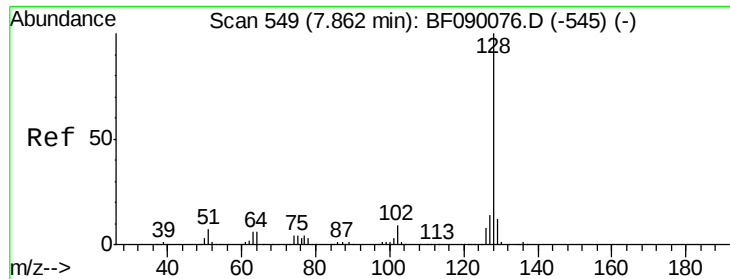
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	46.2	86.2
98	42.6	10.4	50.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.52 ng
 RT: 7.782 min Scan# 542
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.0	112.6
145	33.8	28.6	42.8

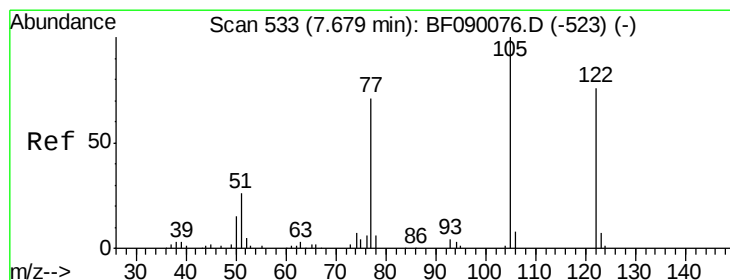
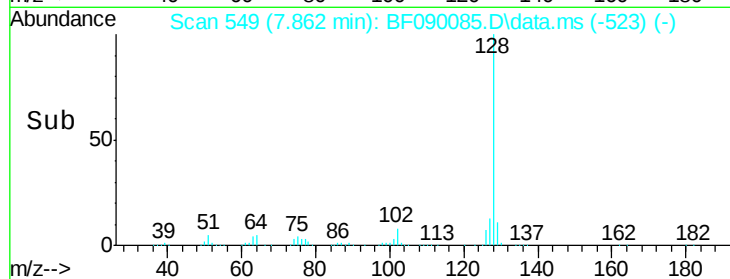
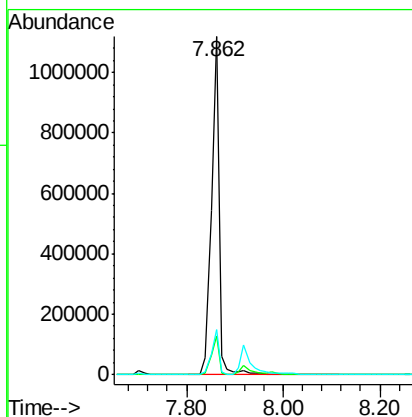
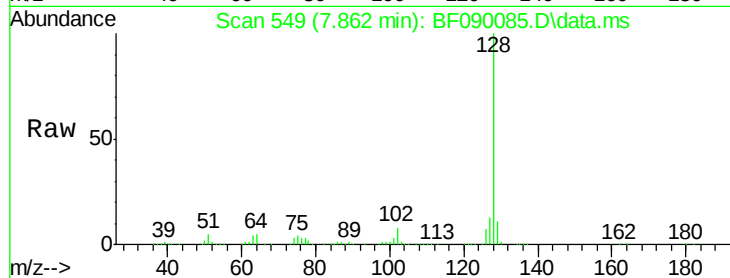




#31
Naphthalene
Concen: 45.03 ng
RT: 7.862 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

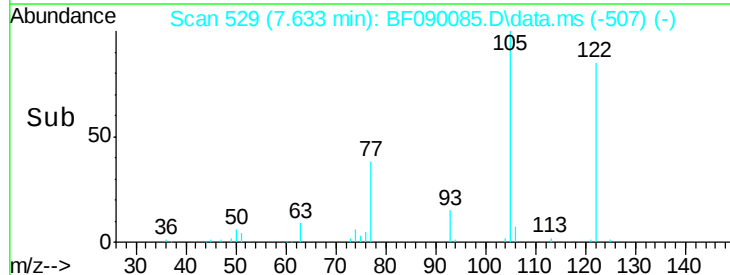
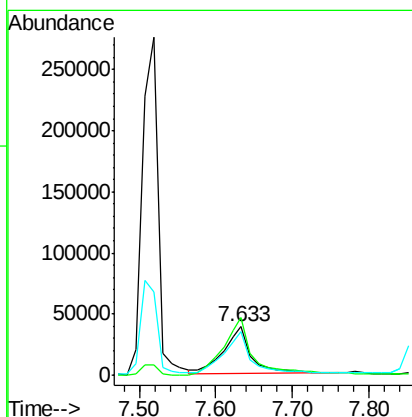
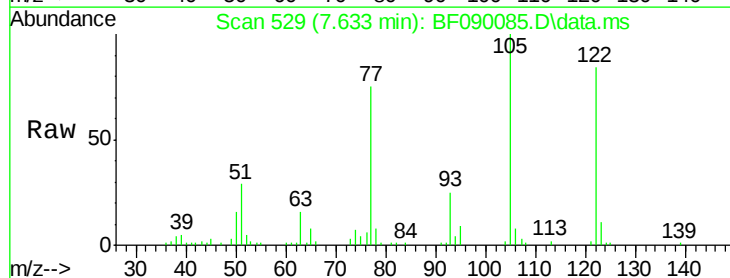
Instrument :
BNA_F
ClientSampleId :
PB93355BS

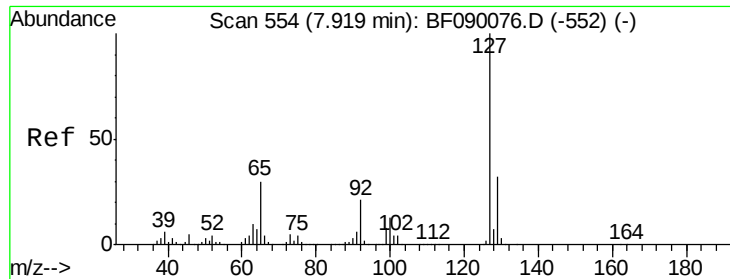
Tot Ion:128 Resp: 1275095
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 14.47 ng
RT: 7.633 min Scan# 529
Delta R.T. -0.045 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion:122 Resp: 100771
Ion Ratio Lower Upper
122 100
105 119.7 105.0 145.0
77 89.5 70.4 110.4





#33

4-Chloroaniline

Concen: 12.54 ng

RT: 7.919 min Scan# 55

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

Tot Ion:127 Resp: 151084

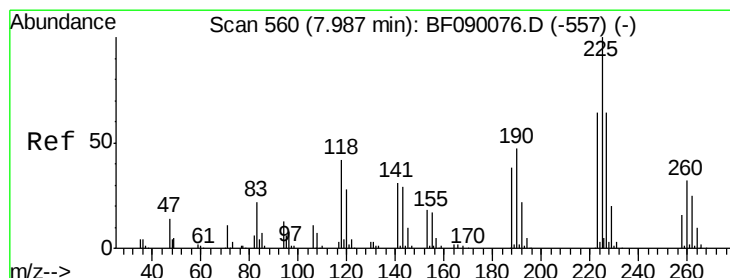
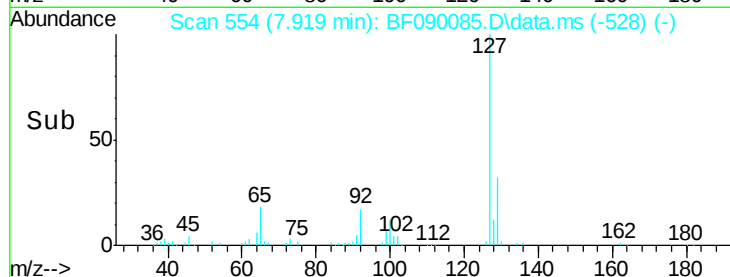
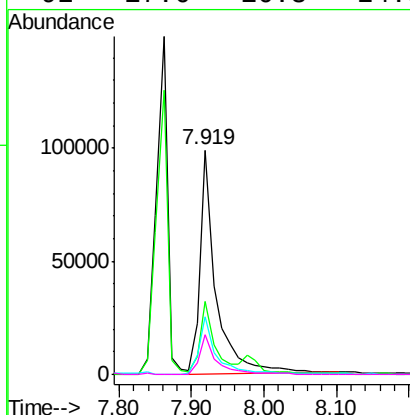
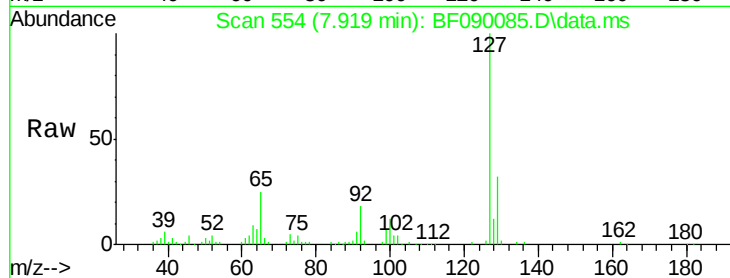
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.6

65 25.4 24.1 36.1

92 17.6 16.3 24.5



#34

Hexachlorobutadiene

Concen: 41.70 ng

RT: 7.988 min Scan# 560

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

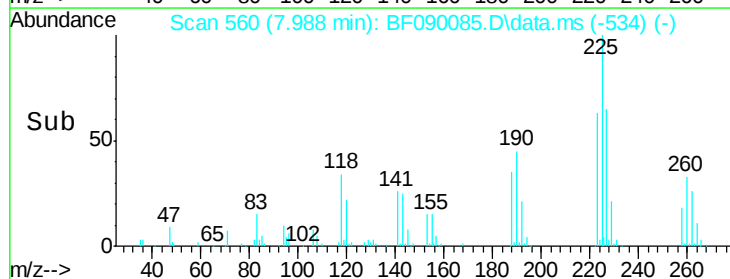
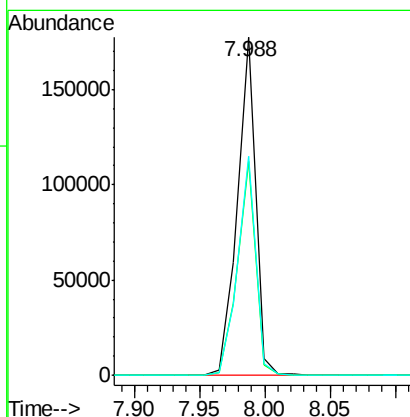
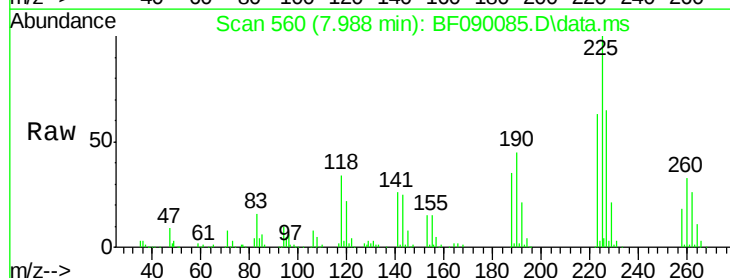
Tgt Ion:225 Resp: 171322

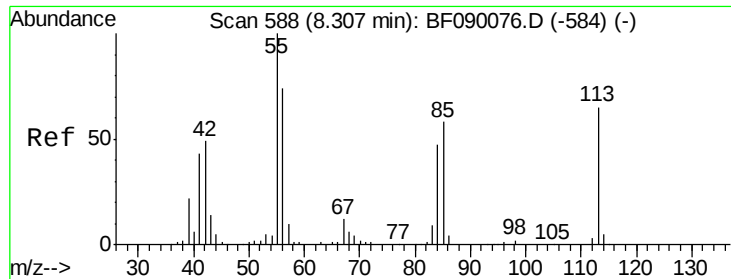
Ion Ratio Lower Upper

225 100

223 63.2 51.3 76.9

227 64.7 51.4 77.0





#35

Caprolactam

Concen: 25.22 ng

RT: 8.285 min Scan# 58

Delta R.T. -0.023 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

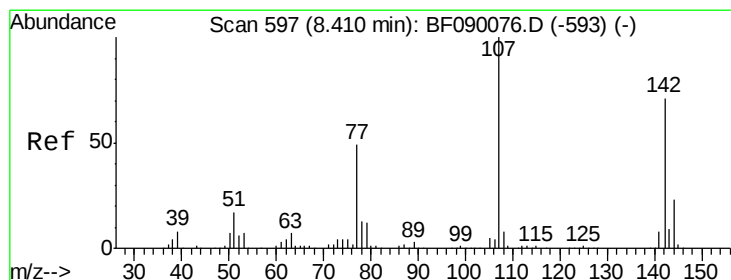
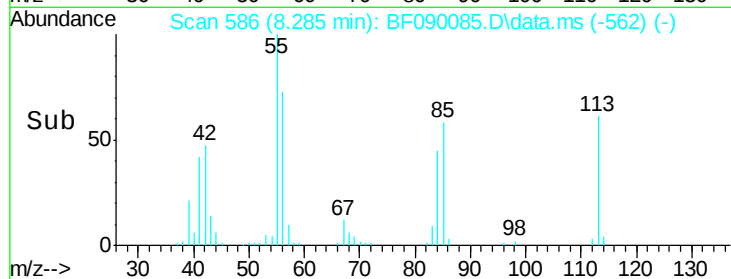
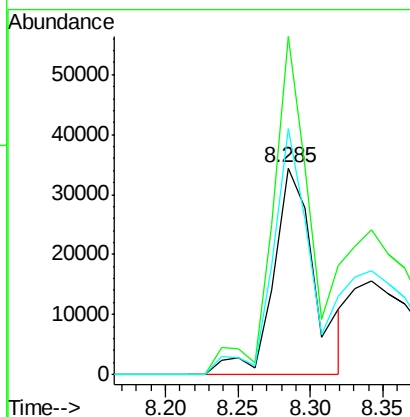
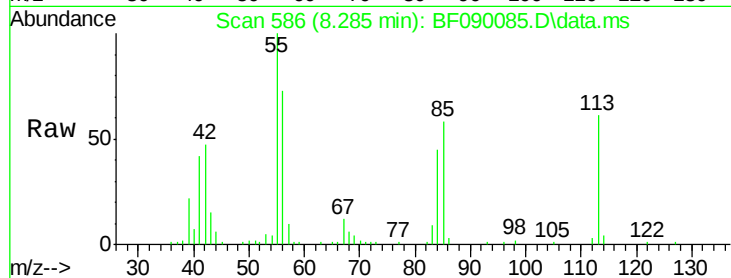
Tot Ion:113 Resp: 68494

Ion Ratio Lower Upper

113 100

55 163.8 134.5 174.5

56 119.2 93.7 133.7



#36

4-Chloro-3-methylphenol

Concen: 39.90 ng

RT: 8.410 min Scan# 597

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

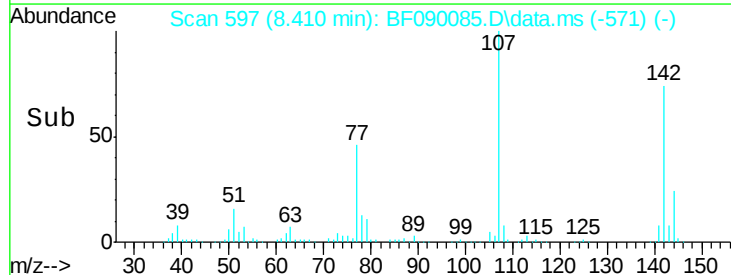
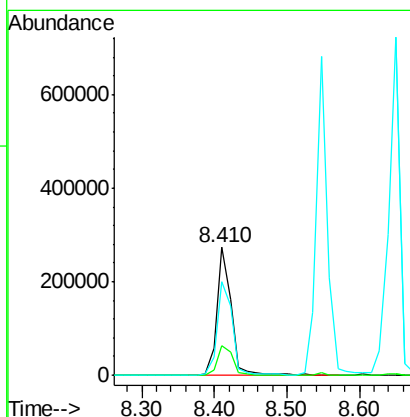
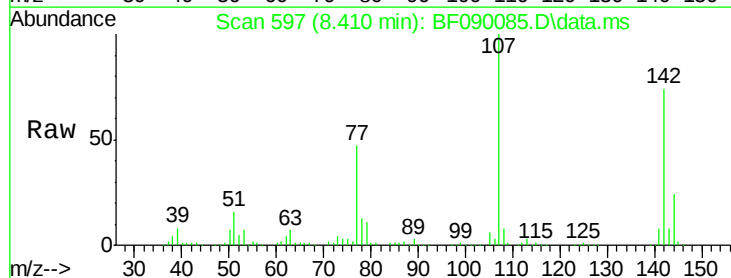
Tgt Ion:107 Resp: 376759

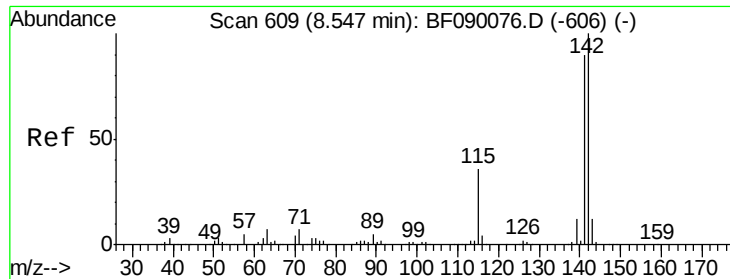
Ion Ratio Lower Upper

107 100

144 23.6 18.6 27.8

142 73.5 57.0 85.6

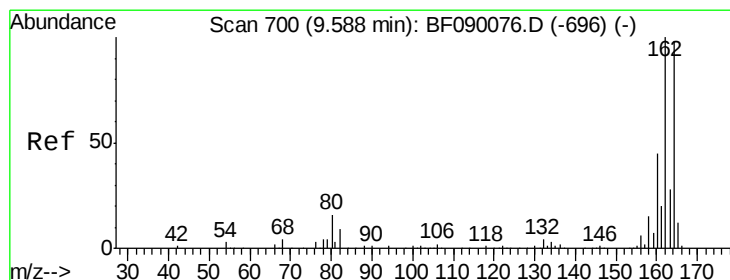
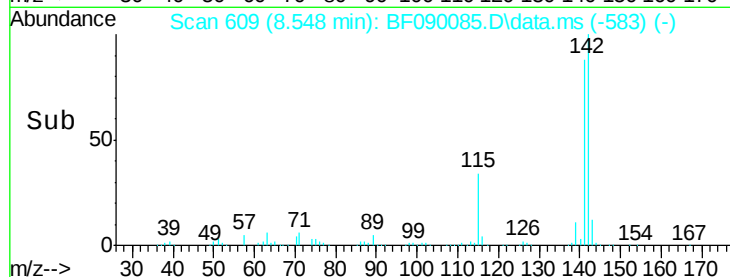
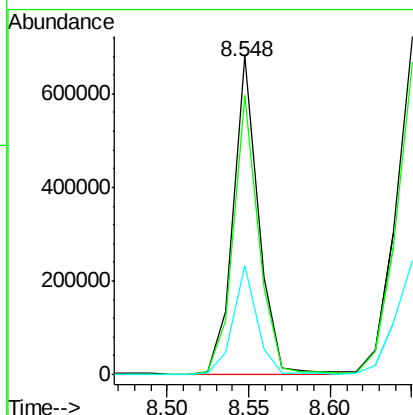
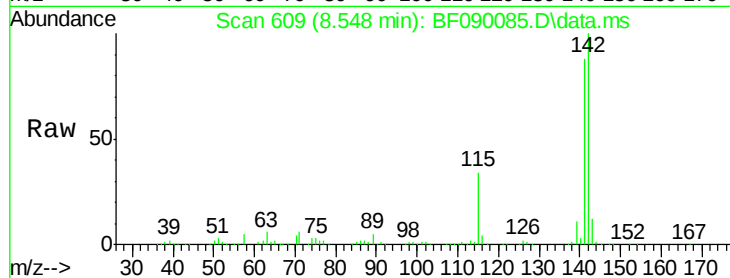




#37
 2-Methylnaphthalene
 Concen: 41.31 ng
 RT: 8.548 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

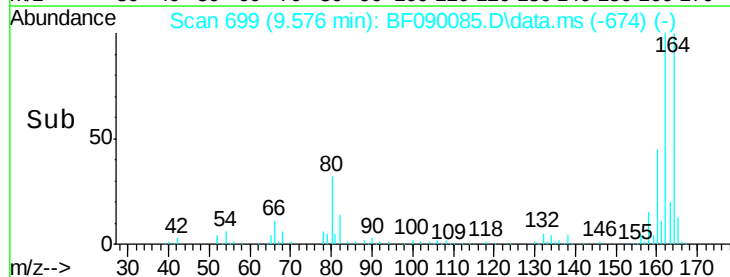
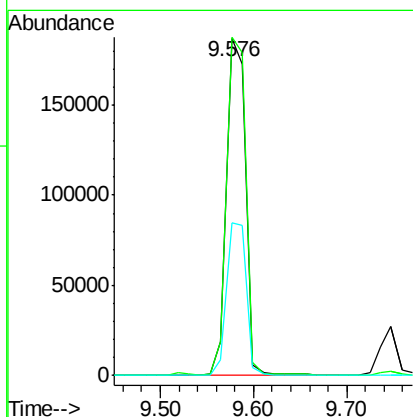
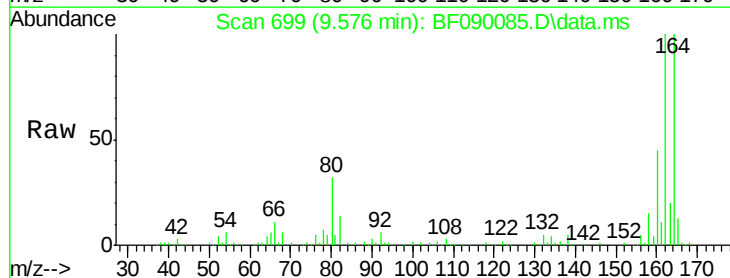
Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

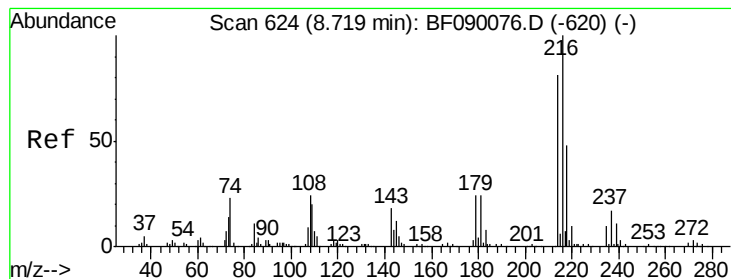
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.2
115	34.3	28.3	42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.576 min Scan# 699
 Delta R.T. -0.011 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.4	122.2
160	45.2	36.6	54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.80 ng

RT: 8.719 min Scan# 62

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

Tot Ion:216 Resp: 266390

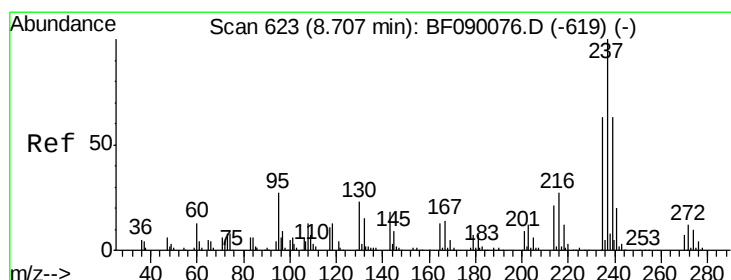
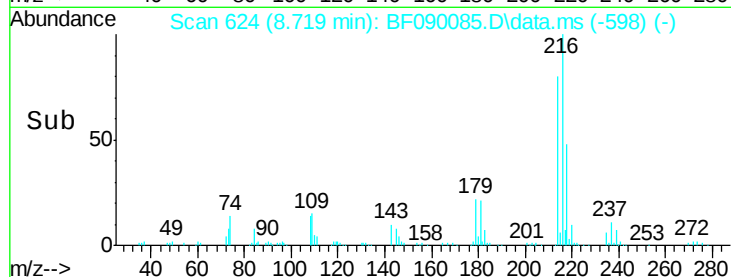
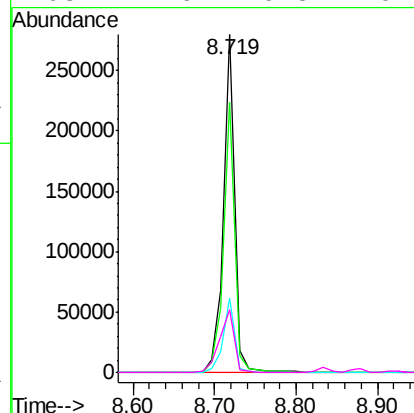
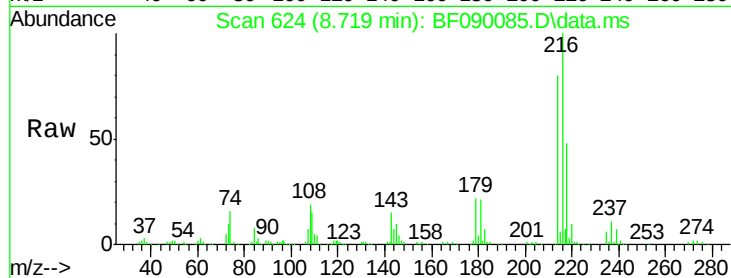
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 22.2 18.5 27.7

108 24.6 19.5 29.3



#40

Hexachlorocyclopentadiene

Concen: 82.13 ng

RT: 8.708 min Scan# 623

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

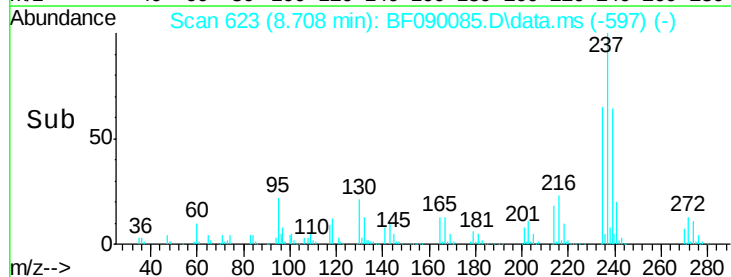
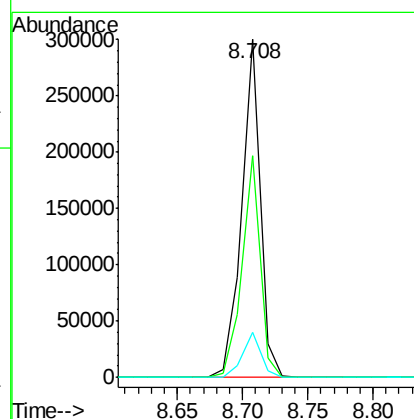
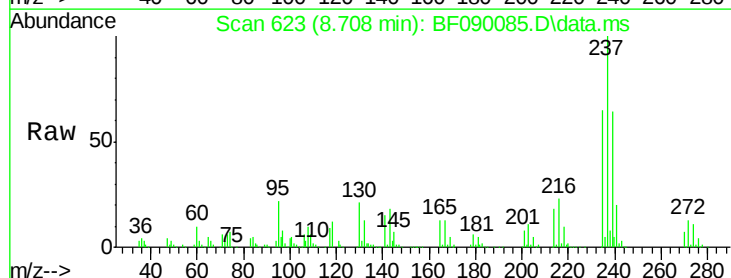
Tgt Ion:237 Resp: 293033

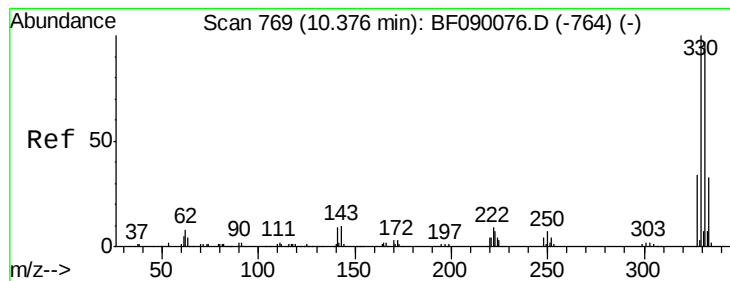
Ion Ratio Lower Upper

237 100

235 65.4 42.5 82.5

272 13.2 0.0 32.0





#41

2,4,6-Tribromophenol

Concen: 116.71 ng

RT: 10.365 min Scan# 769

Delta R.T. -0.011 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

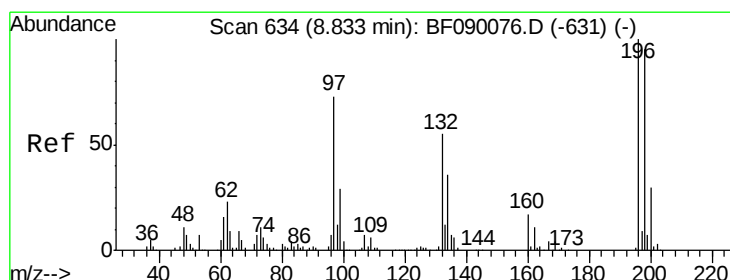
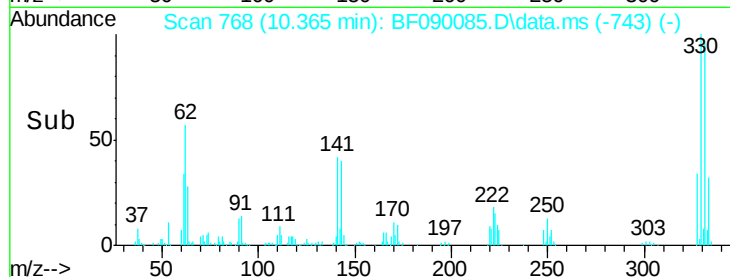
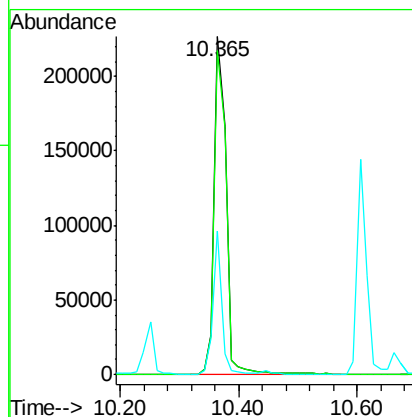
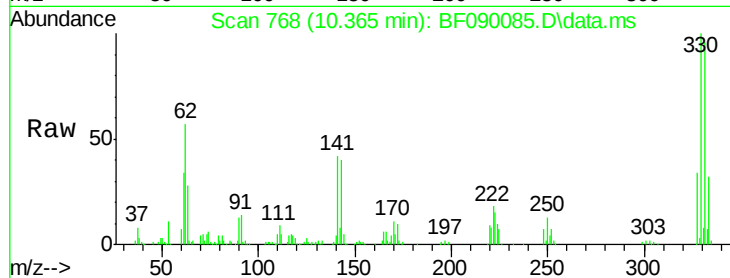
Tot Ion:330 Resp: 313016

Ion Ratio Lower Upper

330 100

332 97.3 78.1 117.1

141 31.5 23.9 35.9



#42

2,4,6-Trichlorophenol

Concen: 45.46 ng

RT: 8.833 min Scan# 634

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

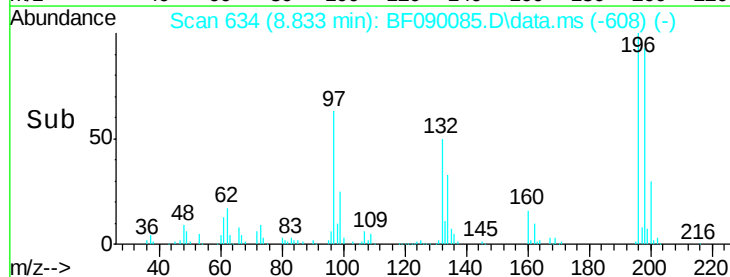
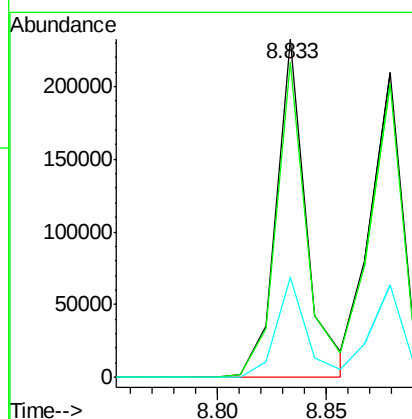
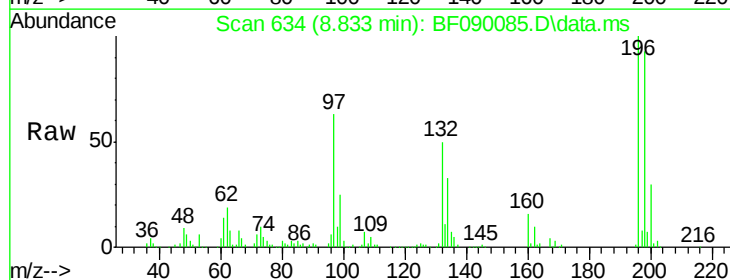
Tgt Ion:196 Resp: 226209

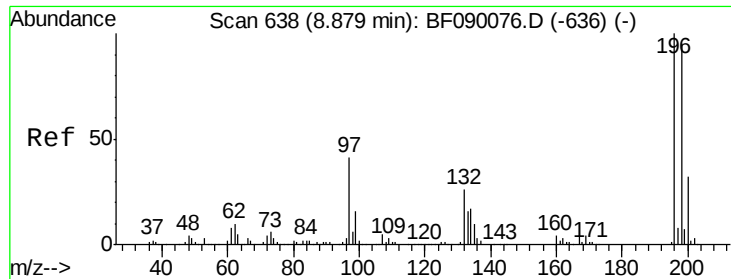
Ion Ratio Lower Upper

196 100

198 93.1 76.3 114.5

200 29.7 24.1 36.1

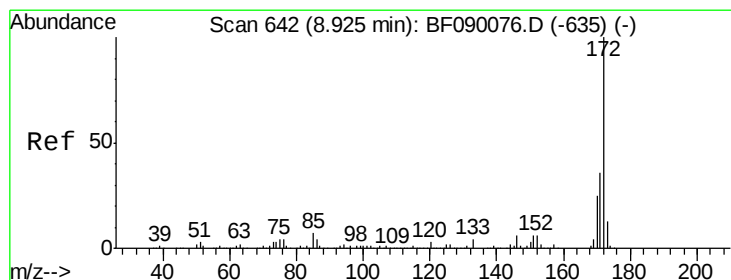
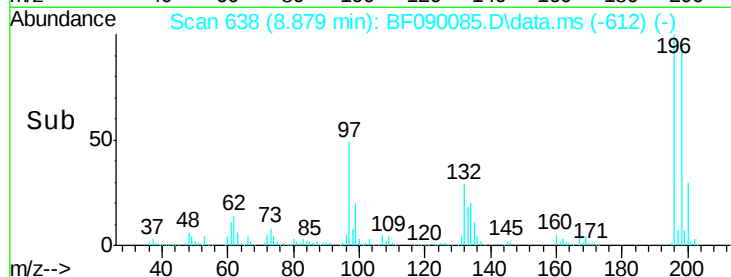
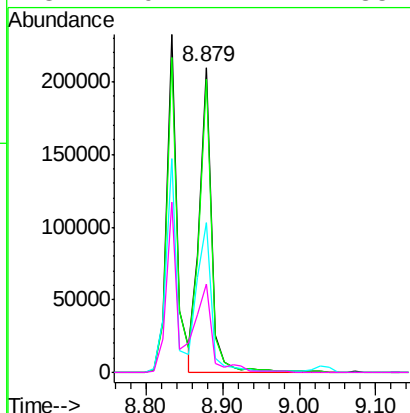
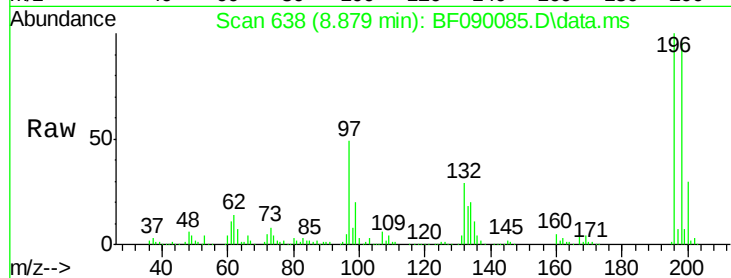




#43
 2,4,5-Trichlorophenol
 Concen: 43.17 ng
 RT: 8.879 min Scan# 638
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

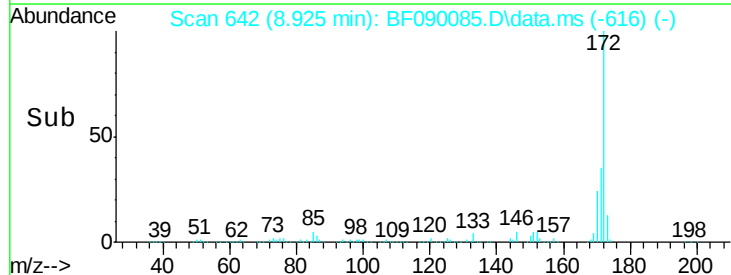
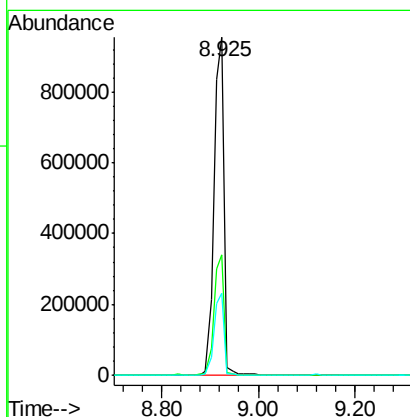
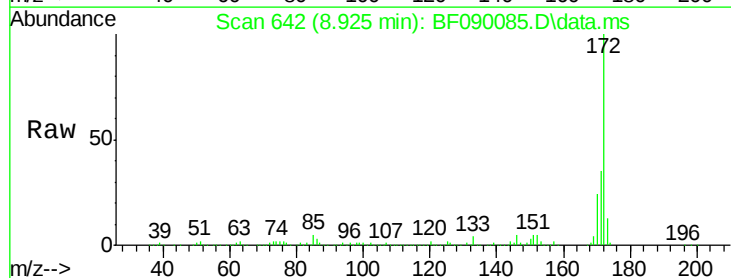
Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

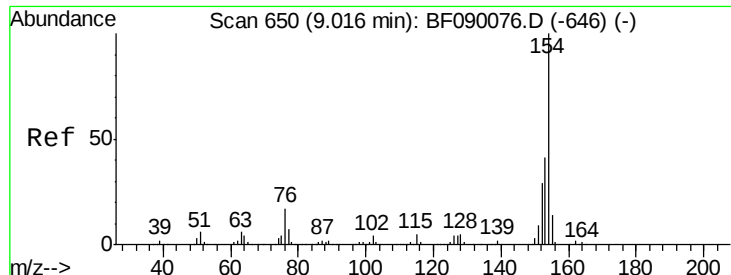
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.6	114.8
97	49.2	34.4	51.6
132	29.1	22.2	33.2



#44
 2-Fluorobiphenyl
 Concen: 83.68 ng
 RT: 8.925 min Scan# 642
 Delta R.T. 0.001 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	24.2	19.8	29.8

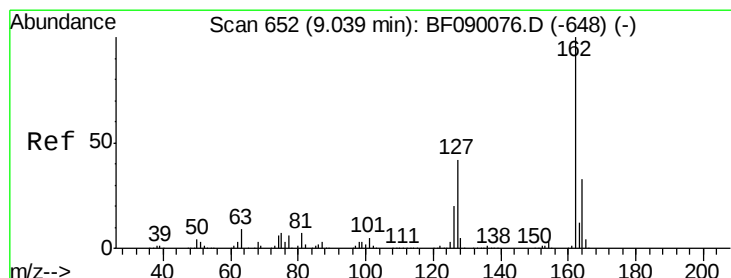
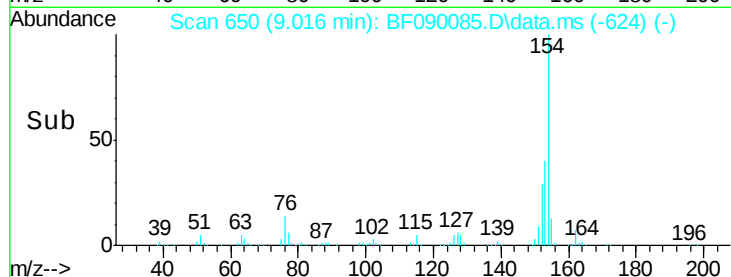
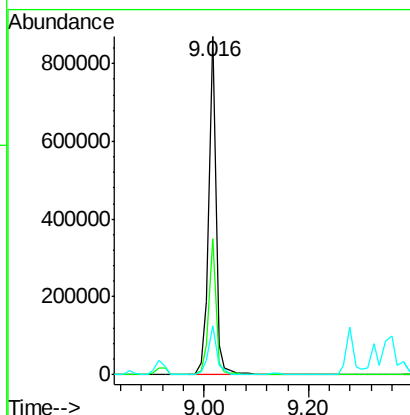
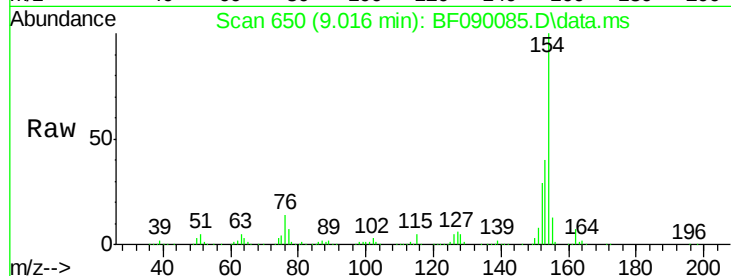




#45
 1,1'-Biphenyl
 Concen: 38.17 ng
 RT: 9.016 min Scan# 650
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

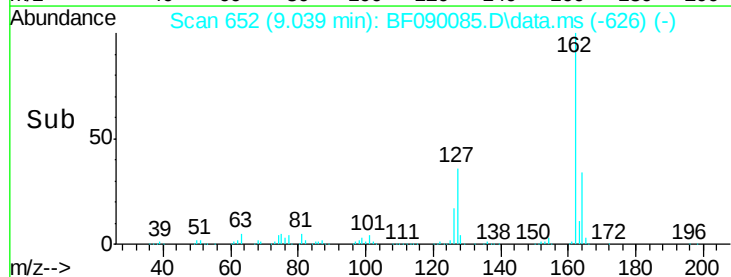
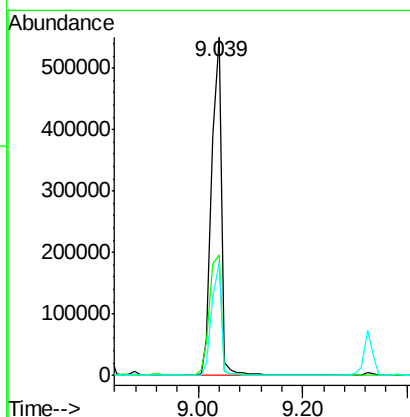
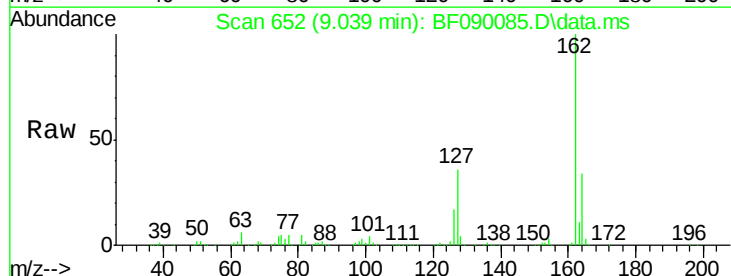
Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

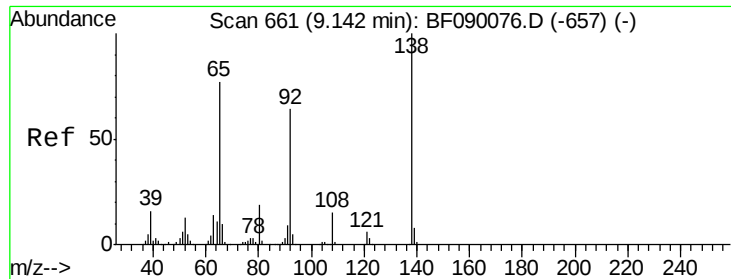
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	14.3	0.0	36.7



#46
 2-Chloronaphthalene
 Concen: 44.53 ng
 RT: 9.039 min Scan# 652
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.7	34.0	51.0
164	33.6	26.8	40.2

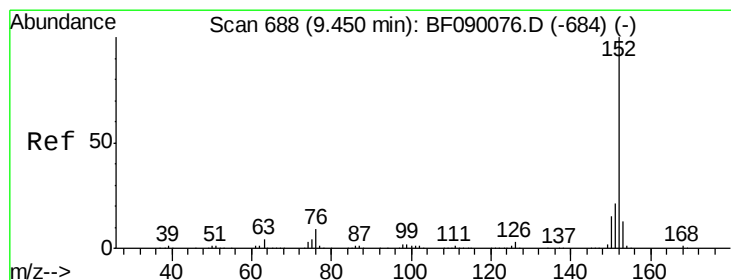
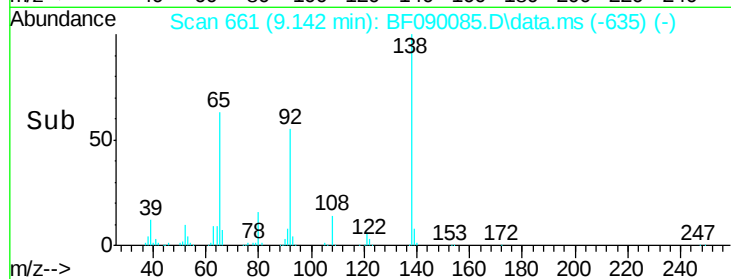
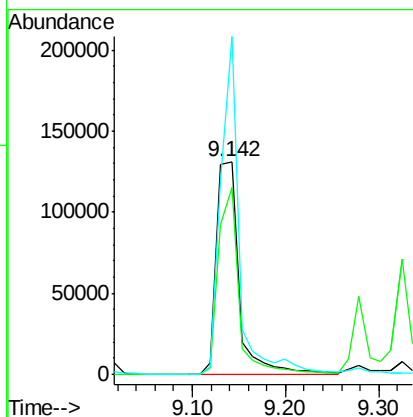
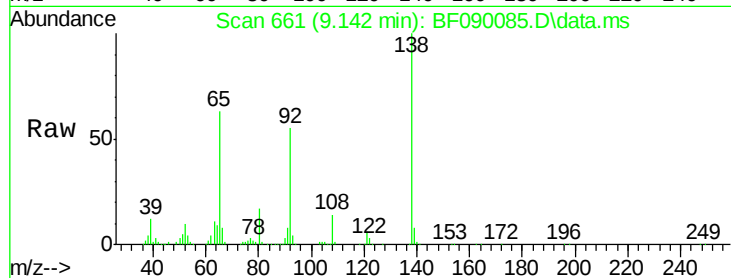




#47
2-Nitroaniline
Concen: 43.06 ng
RT: 9.142 min Scan# 661
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

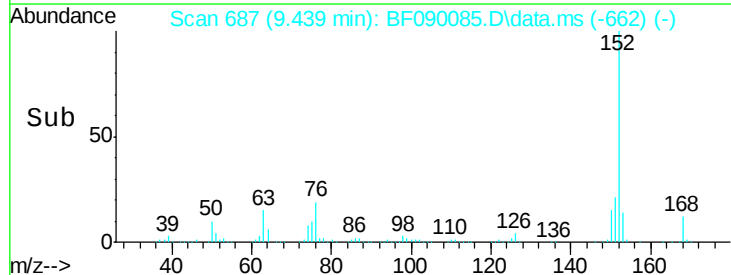
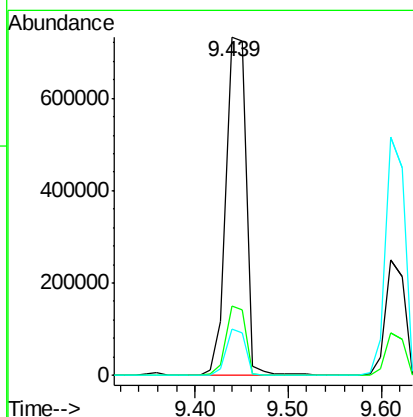
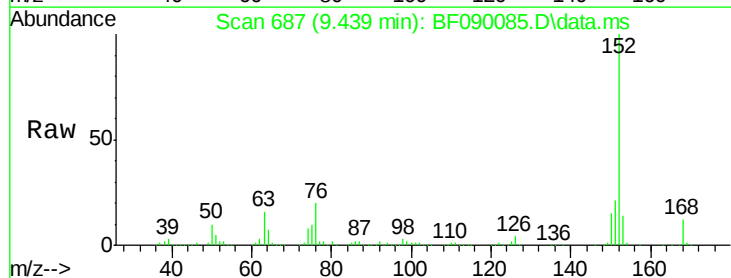
Instrument :
BNA_F
ClientSampleId :
PB93355BS

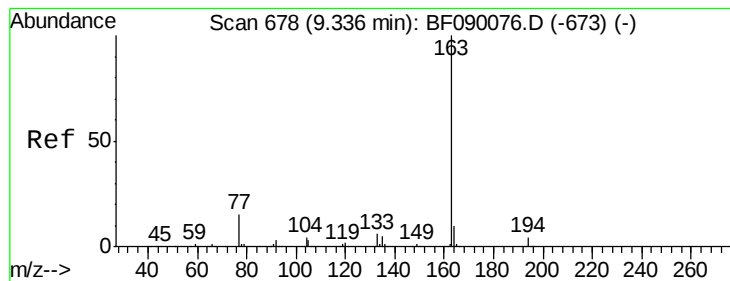
Tot Ion: 65 Resp: 222542
Ion Ratio Lower Upper
65 100
92 88.2 66.1 99.1
138 159.0 104.1 156.1#



#48
Acenaphthylene
Concen: 40.87 ng
RT: 9.439 min Scan# 687
Delta R.T. -0.011 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion: 152 Resp: 1111209
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.7 10.6 15.8





#49

Dimethylphthalate

Concen: 40.12 ng

RT: 9.325 min Scan# 67

Delta R.T. -0.011 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

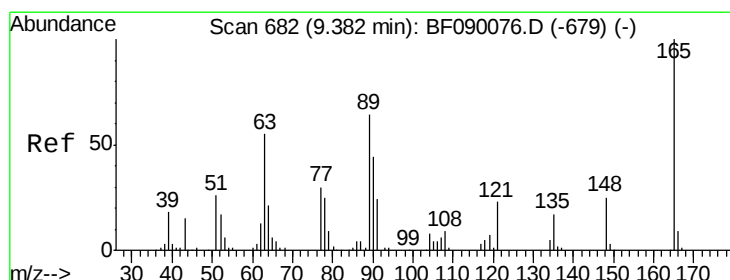
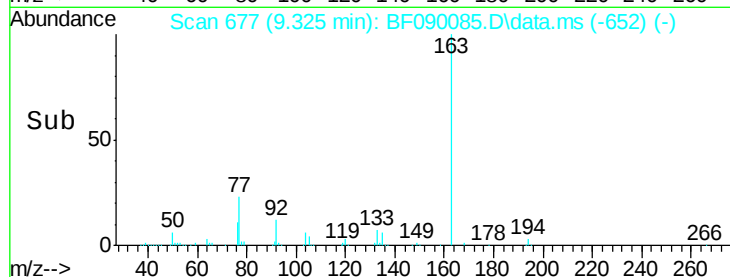
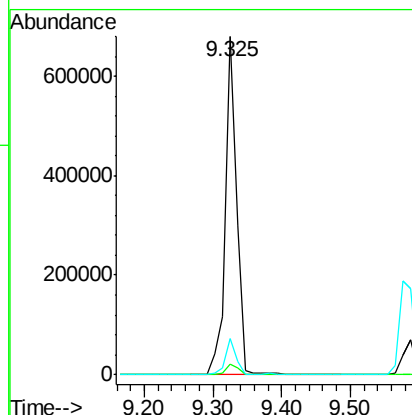
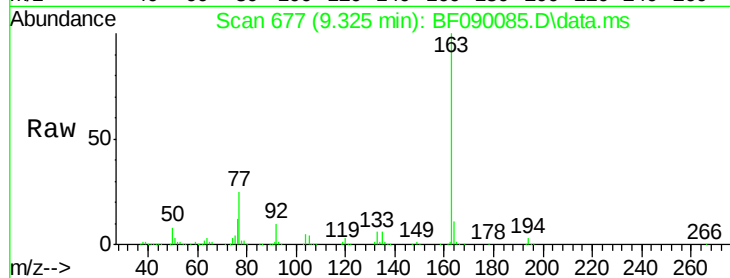
Tot Ion:163 Resp: 795634

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

164 10.6 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 41.70 ng

RT: 9.382 min Scan# 682

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

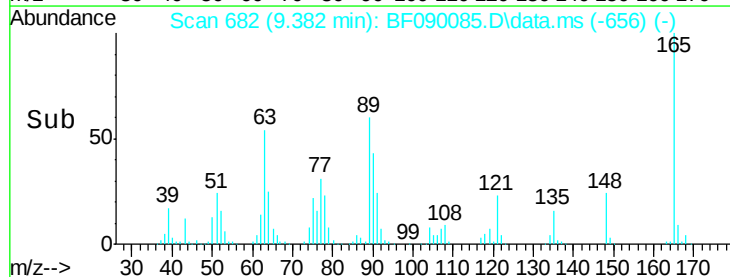
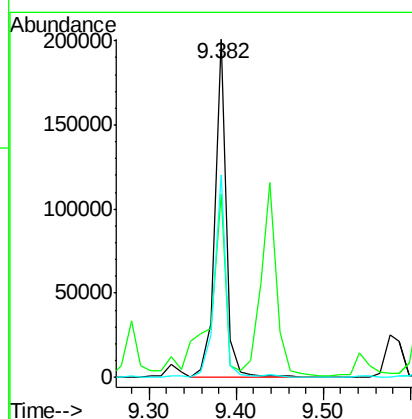
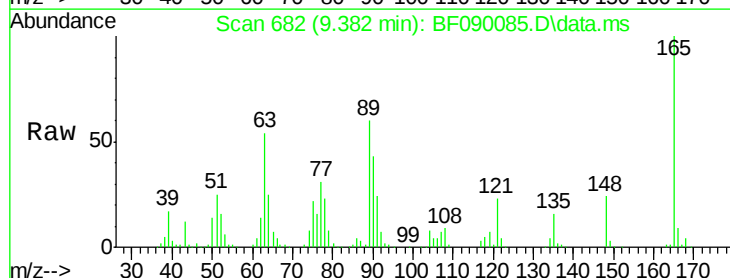
Tgt Ion:165 Resp: 184809

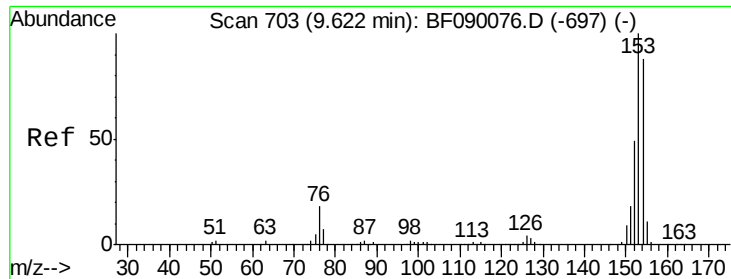
Ion Ratio Lower Upper

165 100

63 54.4 49.9 74.9

89 60.0 51.0 76.4





#51

Acenaphthene

Concen: 43.30 ng

RT: 9.611 min Scan# 70

Delta R.T. -0.010 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

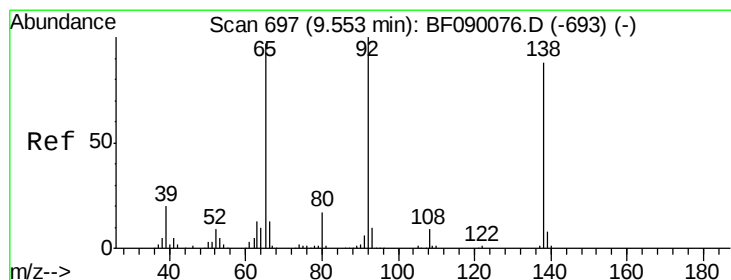
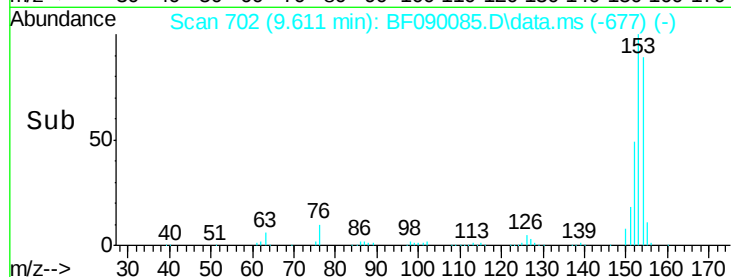
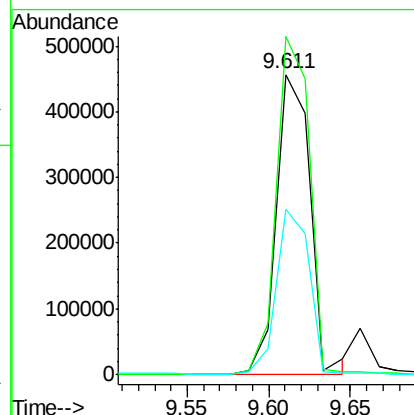
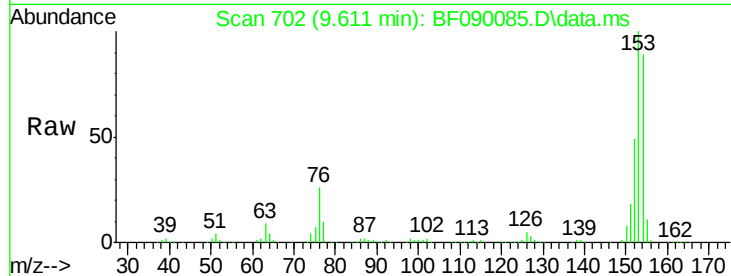
Tot Ion:154 Resp: 657570

Ion Ratio Lower Upper

154 100

153 112.8 90.8 136.2

152 55.0 44.2 66.4



#52

3-Nitroaniline

Concen: 22.22 ng

RT: 9.542 min Scan# 696

Delta R.T. -0.011 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

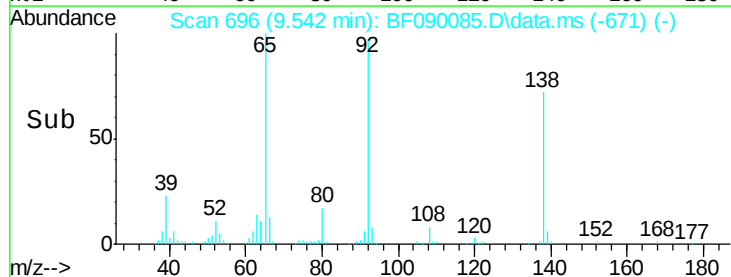
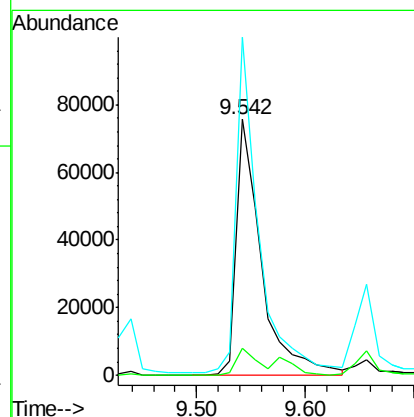
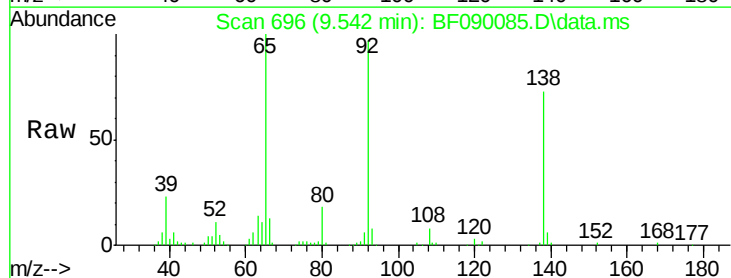
Tgt Ion:138 Resp: 119799

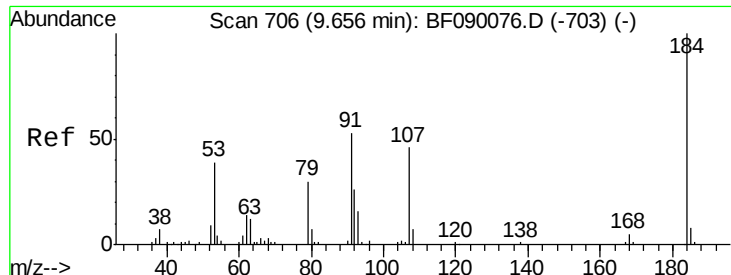
Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

92 132.2 90.7 136.1

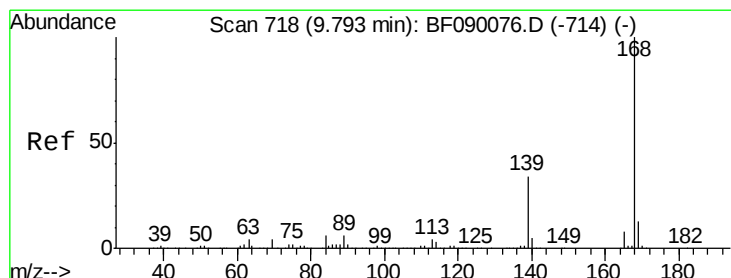
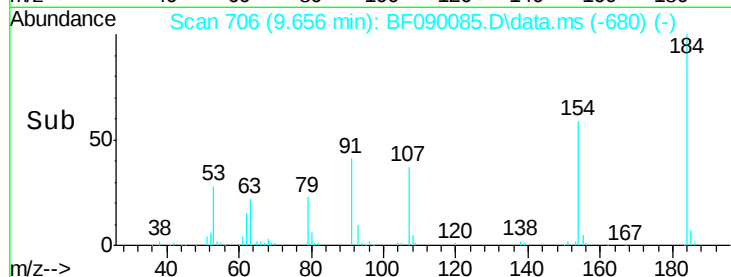
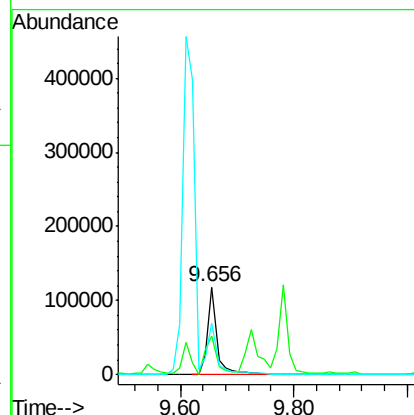
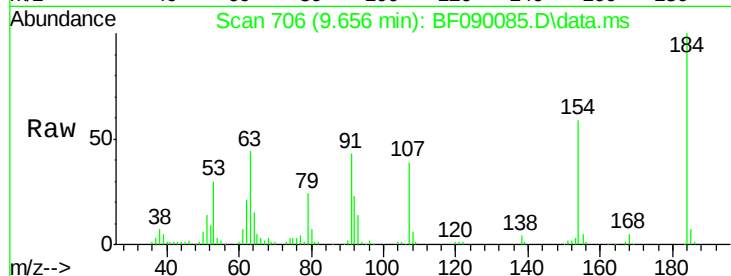




#53
 2,4-Dinitrophenol
 Concen: 55.53 ng
 RT: 9.656 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

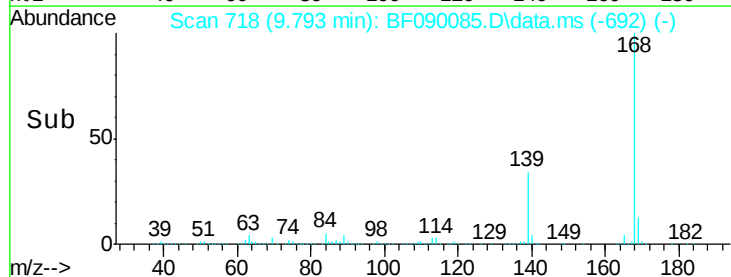
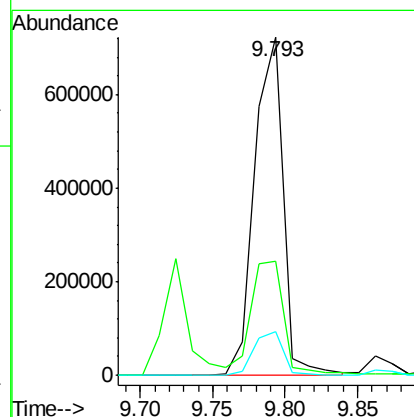
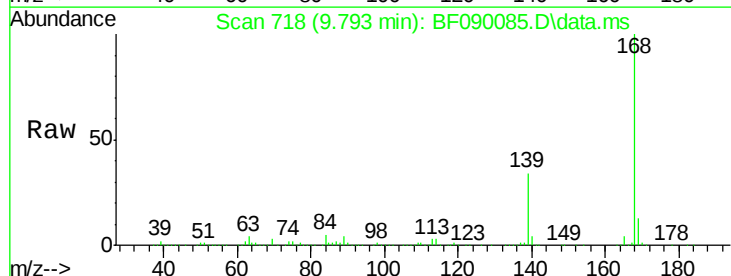
Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

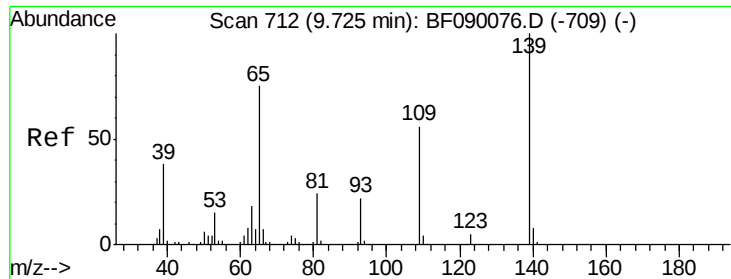
Tot Ion	Ratio	Lower	Upper
184	100		
63	43.9	44.6	67.0#
154	59.0	49.7	74.5



#54
 Dibenzofuran
 Concen: 47.10 ng
 RT: 9.793 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.7	28.8	43.2
169	13.1	10.7	16.1

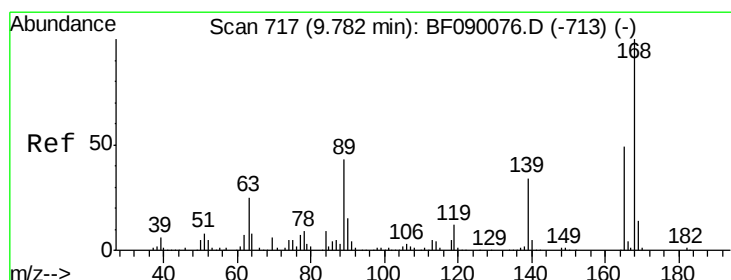
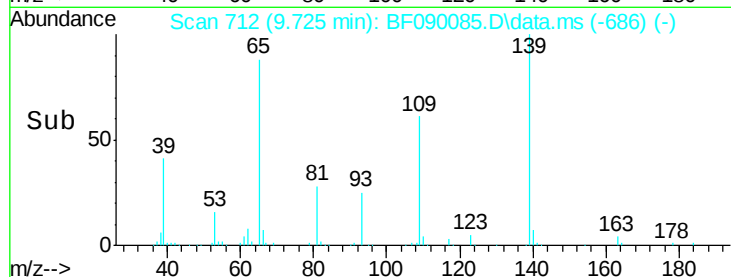
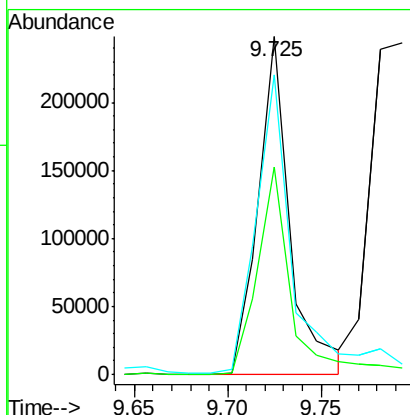
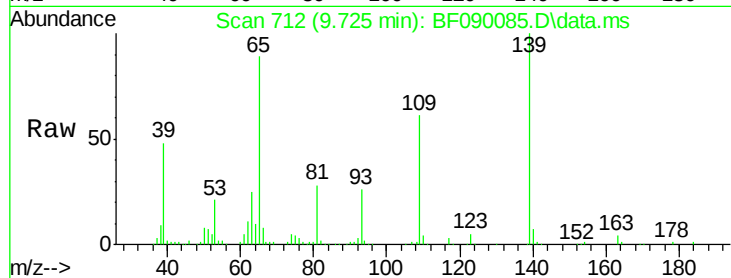




#55
4-Nitrophenol
Concen: 77.36 ng
RT: 9.725 min Scan# 712
Delta R.T. 0.001 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

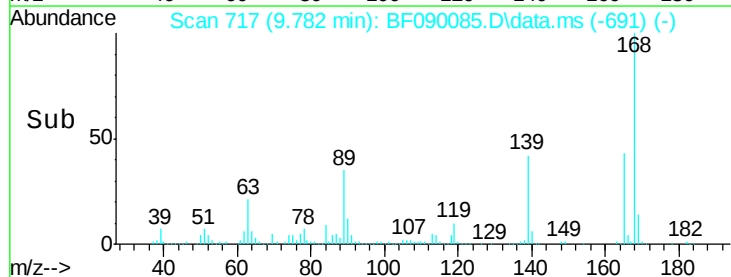
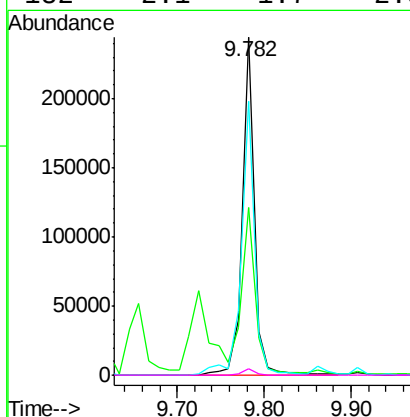
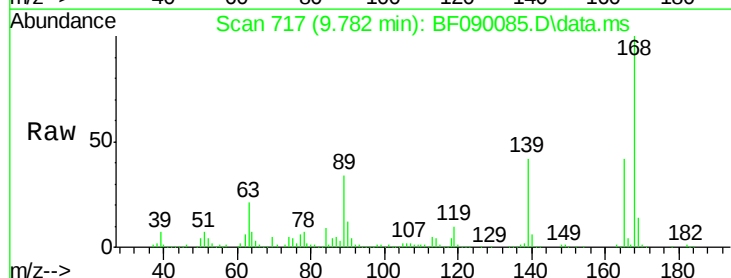
Instrument :
BNA_F
ClientSampleId :
PB93355BS

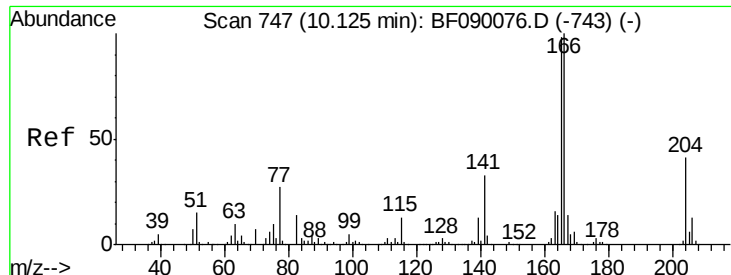
Tot Ion	Ratio	Lower	Upper
139	100		
109	61.2	35.6	75.6
65	88.7	55.5	95.5



#56
2,4-Dinitrotoluene
Concen: 43.25 ng
RT: 9.782 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.6	44.4	66.6
89	81.2	70.1	105.1
182	2.1	1.7	2.5

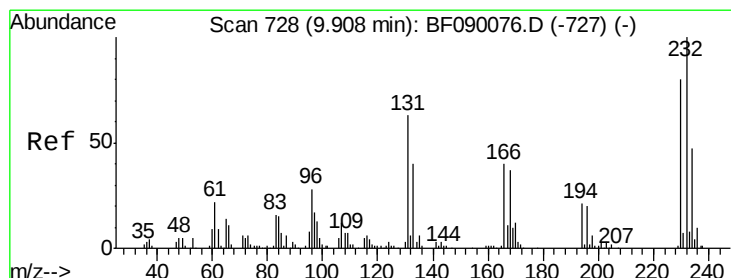
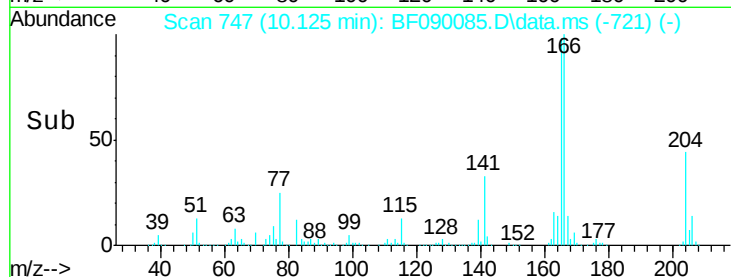
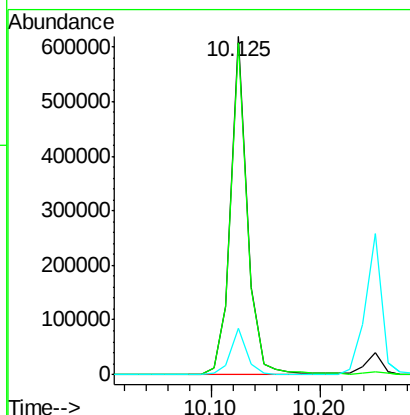
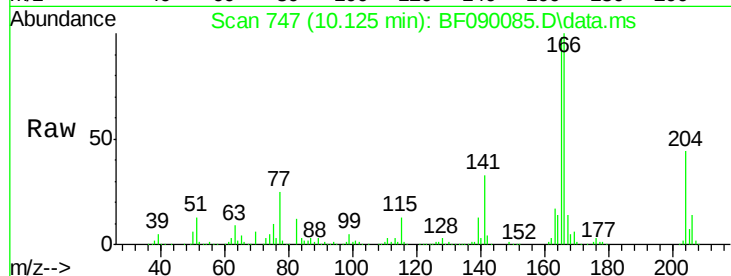




#57
 Fluorene
 Concen: 42.23 ng
 RT: 10.125 min Scan# 747
 Delta R.T. 0.001 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

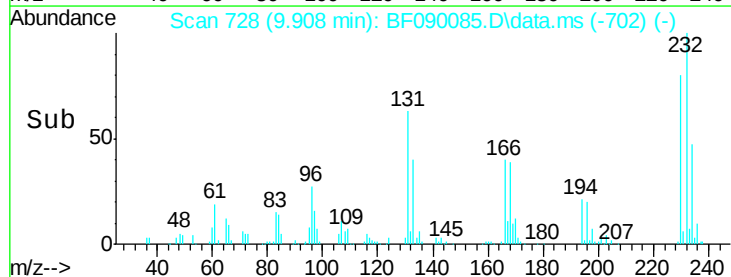
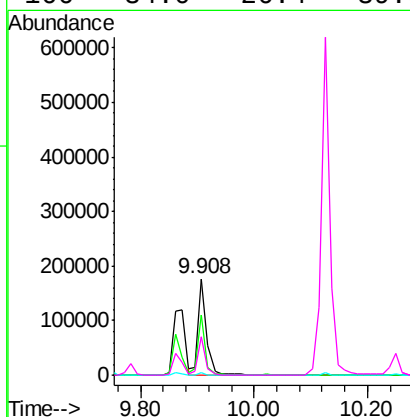
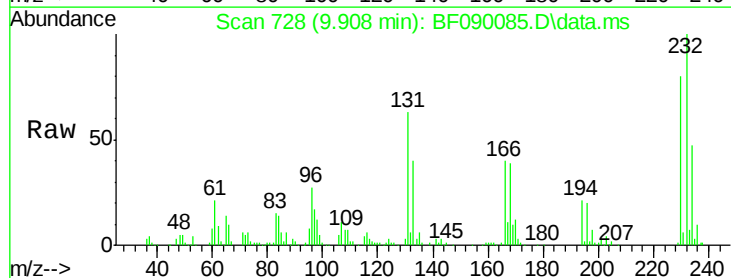
Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

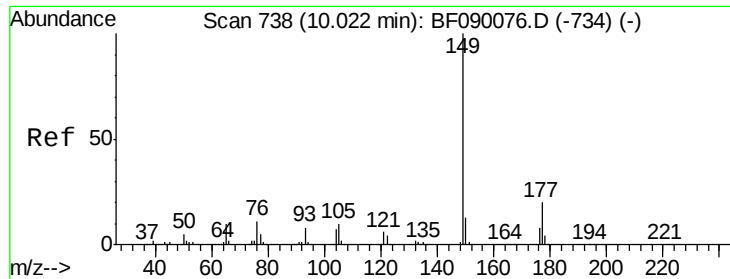
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.5	117.7
167	13.8	11.2	16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.43 ng
 RT: 9.908 min Scan# 728
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.4	42.2	63.4
130	2.4	1.9	2.9
166	34.0	26.4	39.6

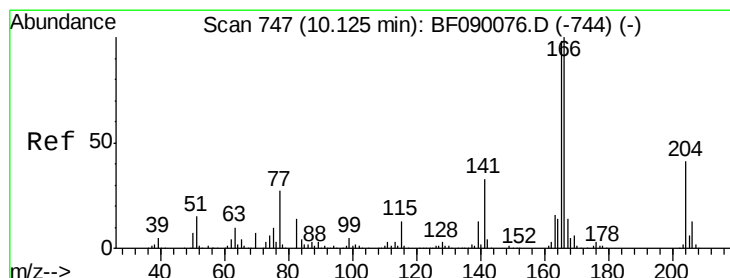
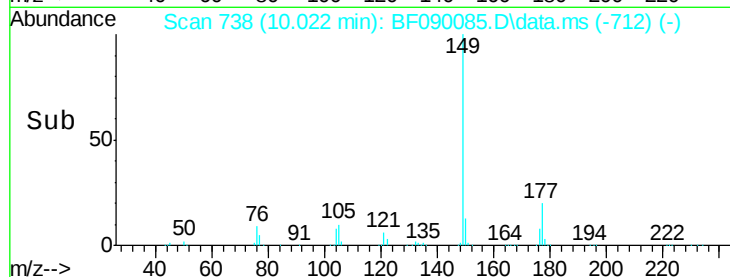
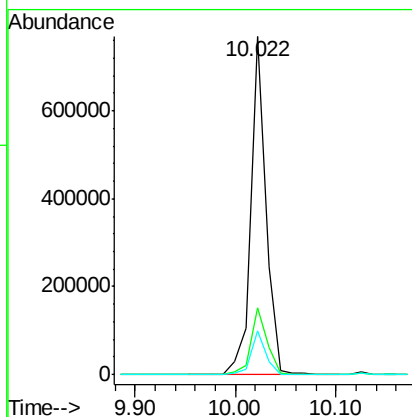
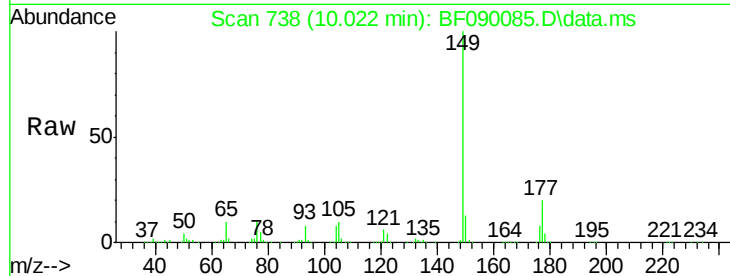




#59
Diethylphthalate
Concen: 41.66 ng
RT: 10.022 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

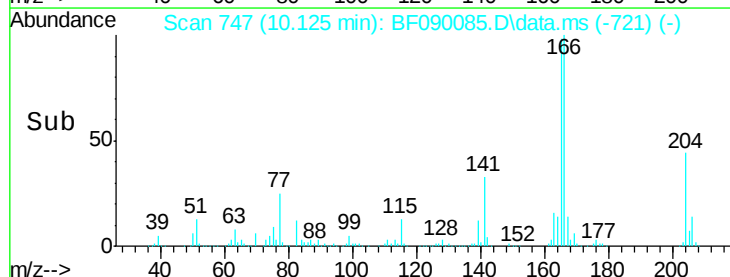
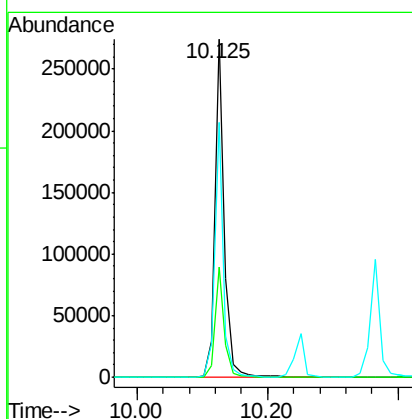
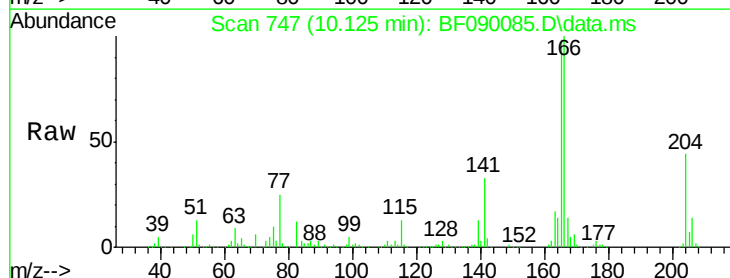
Instrument :
BNA_F
ClientSampleId :
PB93355BS

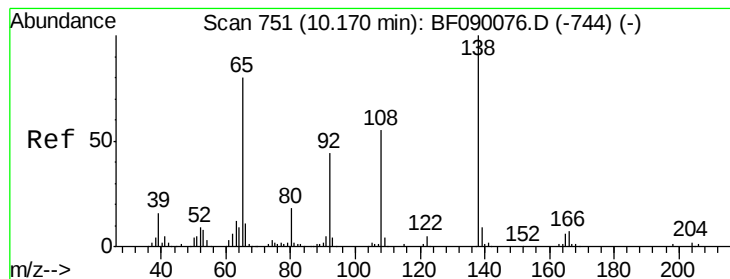
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.7	15.8	23.6
150	12.8	10.4	15.6



#60
4-Chlorophenyl-phenylether
Concen: 45.32 ng
RT: 10.125 min Scan# 747
Delta R.T. 0.001 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.6	38.4
141	75.5	64.4	96.6





#61

4-Nitroaniline

Concen: 40.95 ng

RT: 10.159 min Scan# 751

Delta R.T. -0.011 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

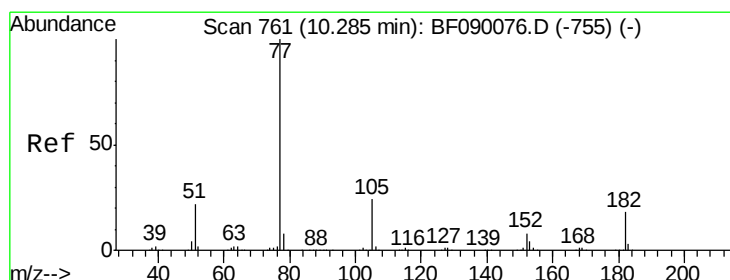
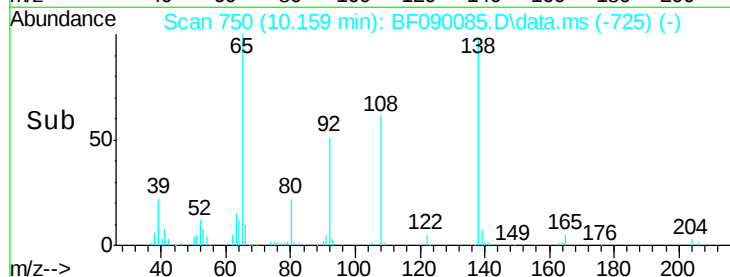
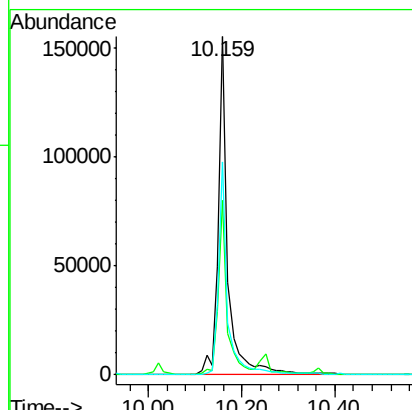
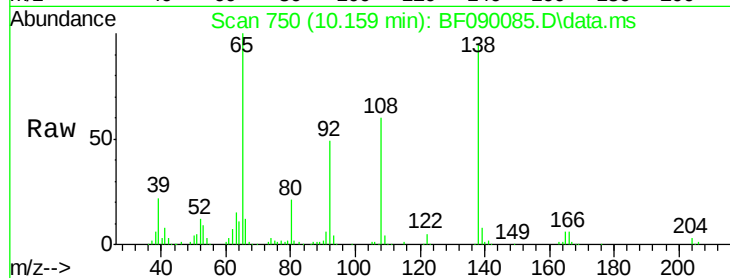
Tot Ion:138 Resp: 223513

Ion Ratio Lower Upper

138 100

92 51.7 23.8 63.8

108 63.0 35.0 75.0



#62

Azobenzene

Concen: 47.40 ng

RT: 10.285 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion: 77 Resp: 955053

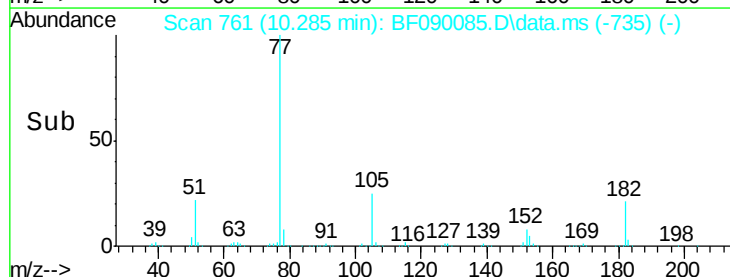
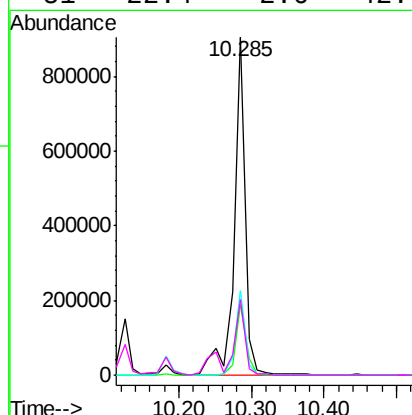
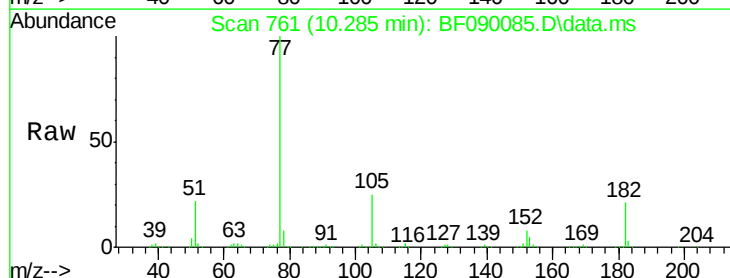
Ion Ratio Lower Upper

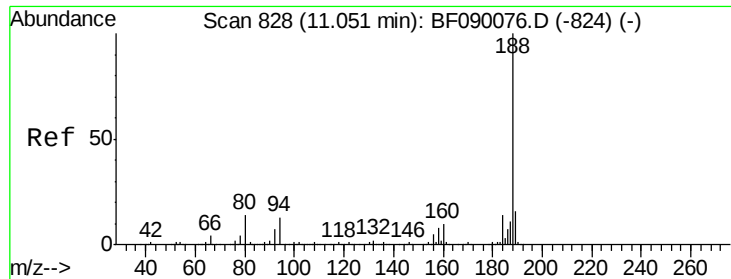
77 100

182 21.0 0.0 38.4

105 24.9 3.8 43.8

51 22.4 2.6 42.6

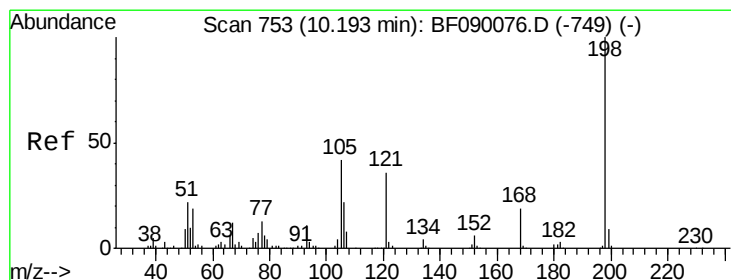
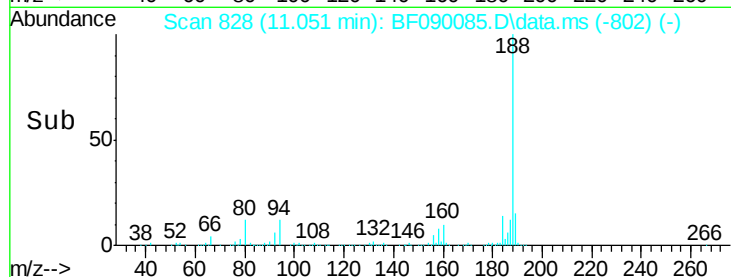
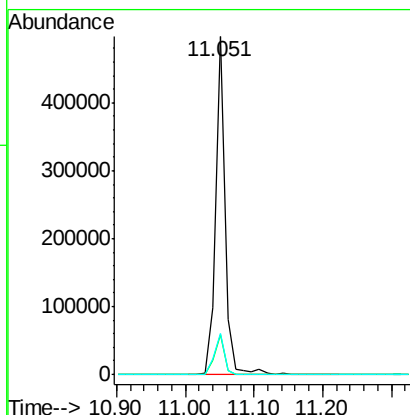
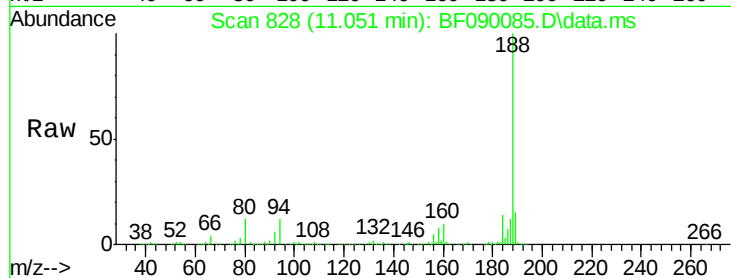




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.051 min Scan# 82
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

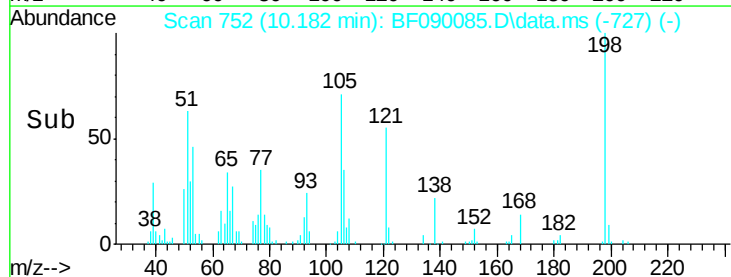
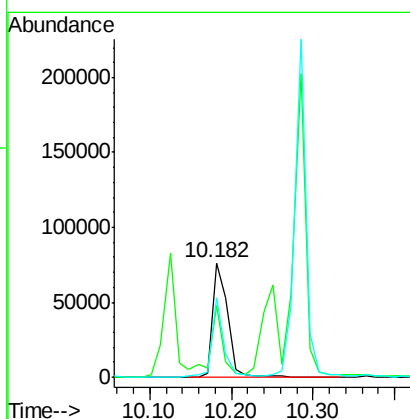
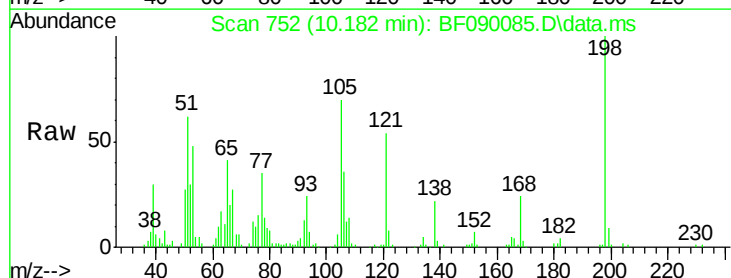
Instrument :
BNA_F
ClientSampleId :
PB93355BS

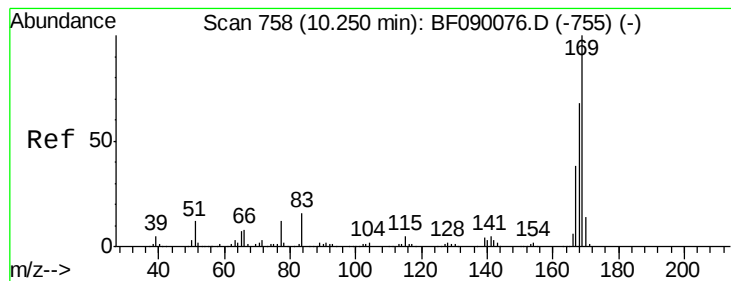
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.9	10.5	15.7
80	12.0	11.2	16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 30.60 ng
RT: 10.182 min Scan# 752
Delta R.T. -0.011 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
198	100		
51	62.4	5.5	45.5#
105	69.7	21.8	61.8#





#65

n-Nitrosodiphenylamine

Concen: 45.45 ng

RT: 10.251 min Scan# 75

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

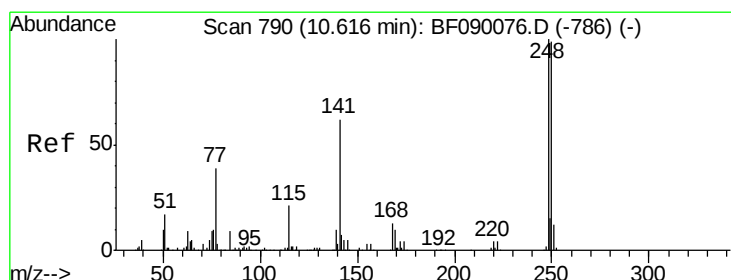
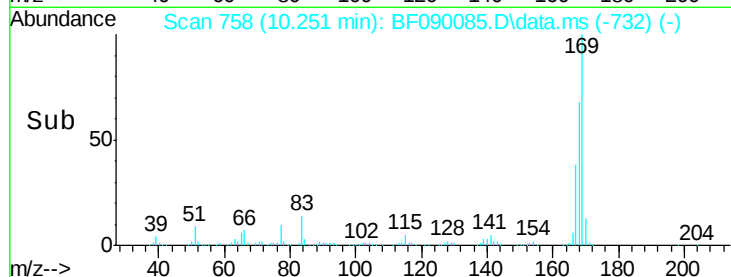
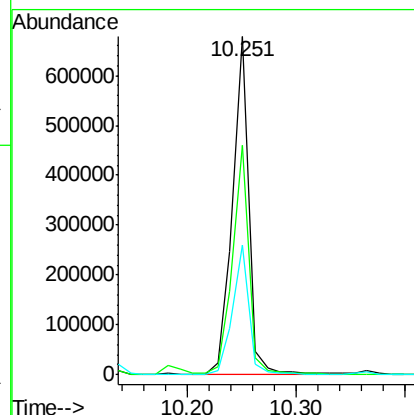
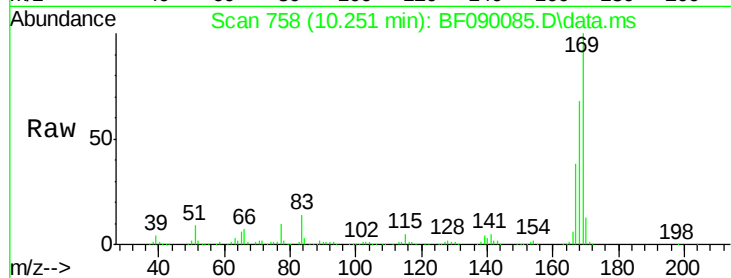
Tot Ion:169 Resp: 705977

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.4

167 38.2 30.3 45.5



#66

4-Bromophenyl-phenylether

Concen: 44.37 ng

RT: 10.616 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

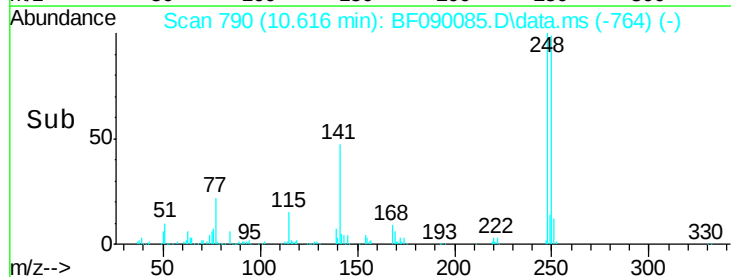
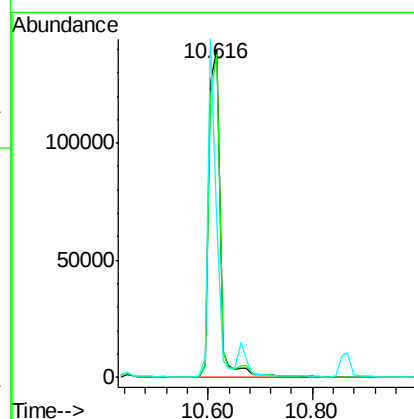
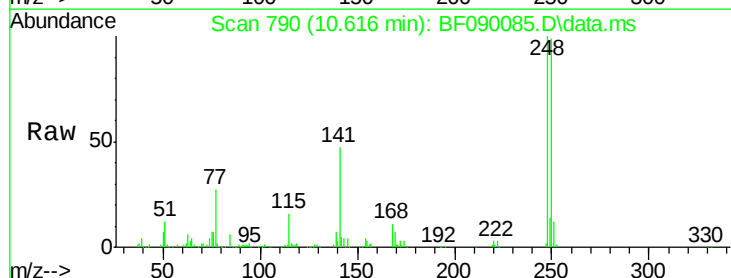
Tgt Ion:248 Resp: 209687

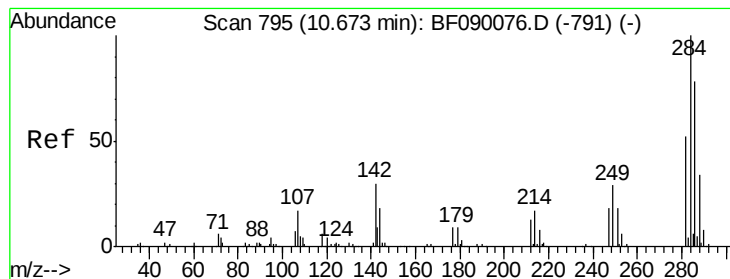
Ion Ratio Lower Upper

248 100

250 98.6 79.4 119.2

141 47.3 49.3 73.9#





#67

Hexachlorobenzene

Concen: 43.02 ng

RT: 10.674 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

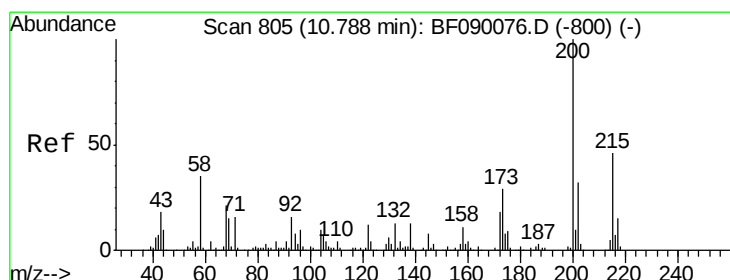
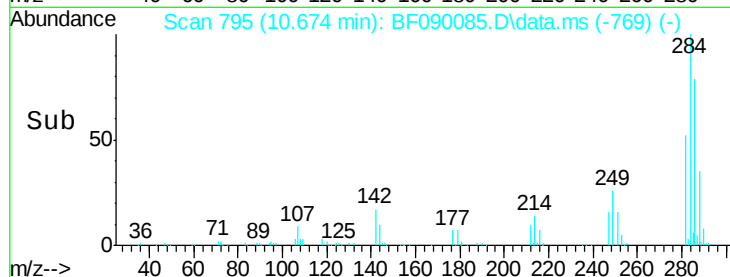
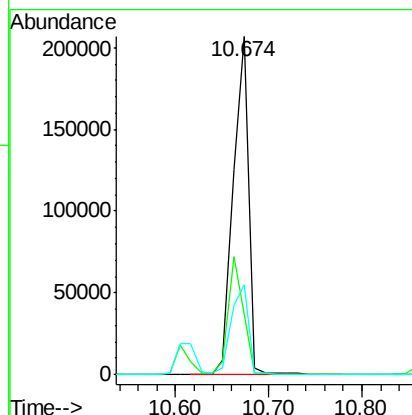
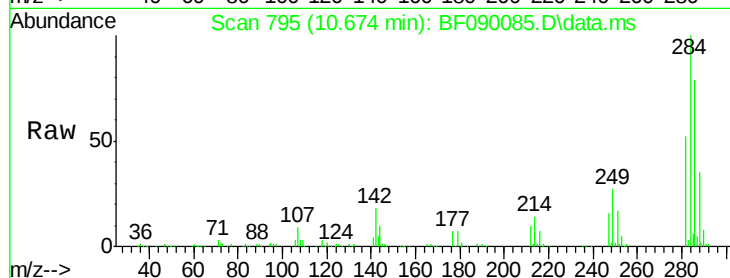
Tot Ion:284 Resp: 239563

Ion Ratio Lower Upper

284 100

142 17.9 24.0 36.0#

249 26.7 23.8 35.6



#68

Atrazine

Concen: 43.40 ng

RT: 10.776 min Scan# 804

Delta R.T. -0.011 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

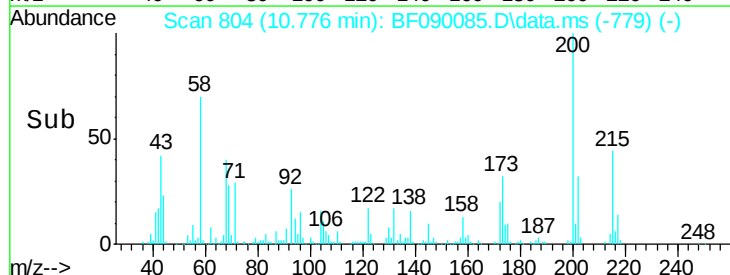
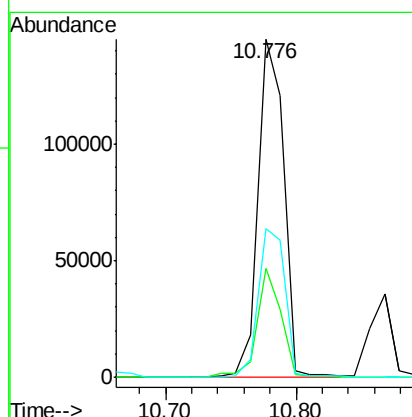
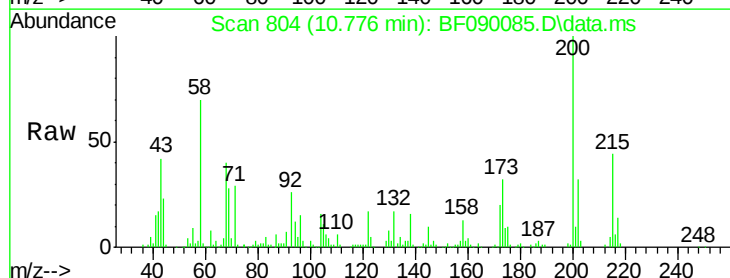
Tgt Ion:200 Resp: 200315

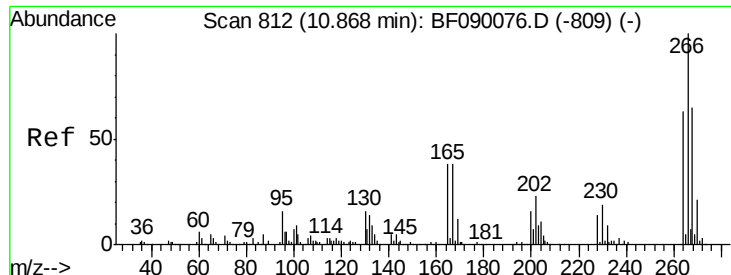
Ion Ratio Lower Upper

200 100

173 32.2 9.3 49.3

215 43.8 26.1 66.1

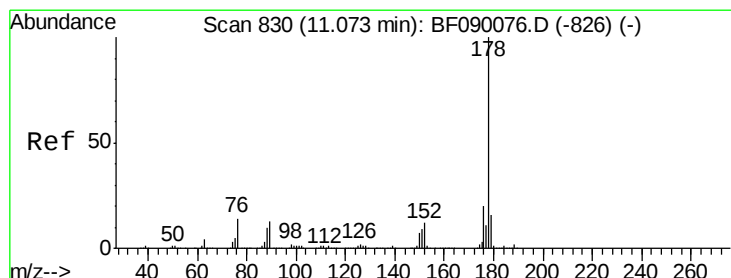
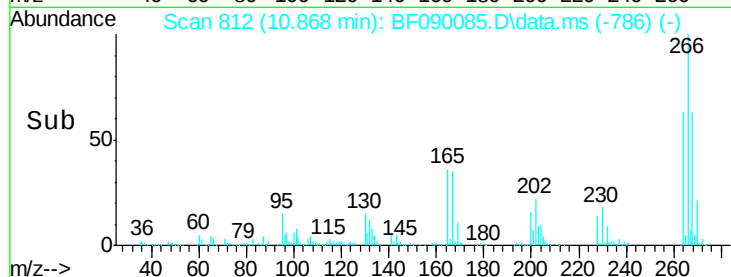
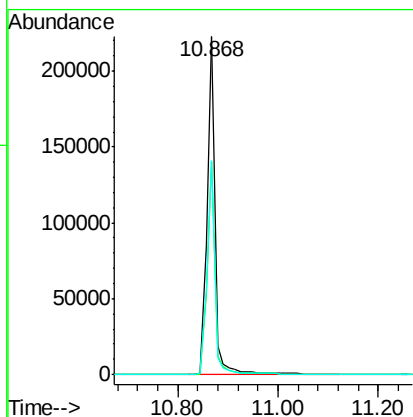
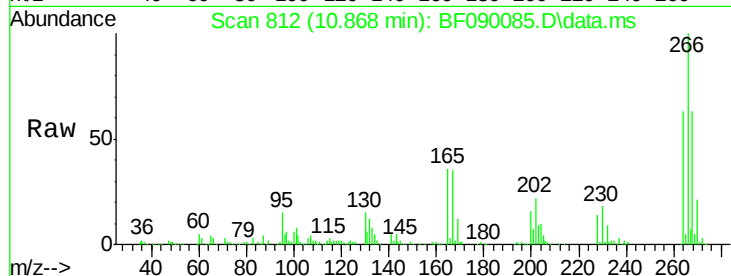




#69
 Pentachlorophenol
 Concen: 75.06 ng
 RT: 10.868 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

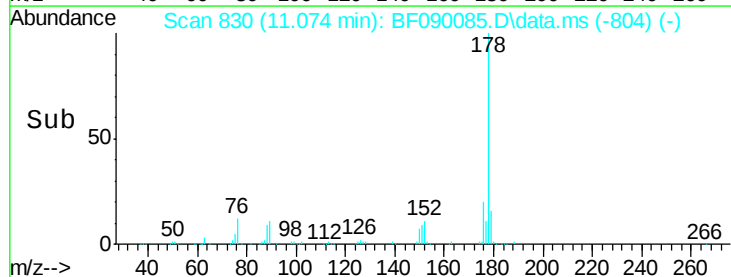
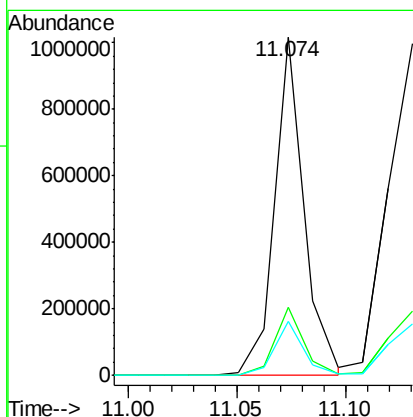
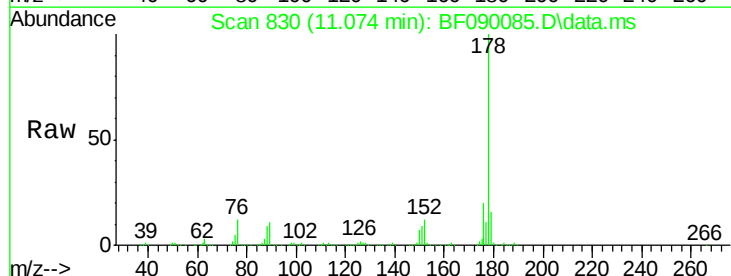
Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

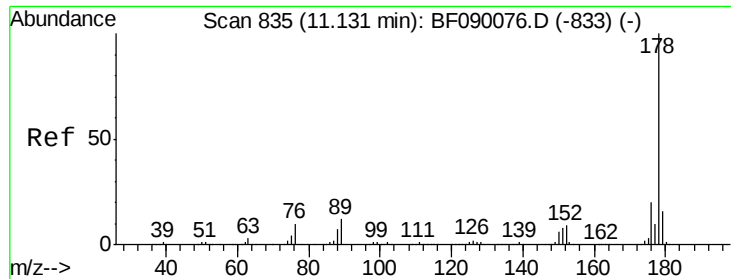
Tot Ion:266 Resp: 244892
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.1 78.1
 264 63.2 50.3 75.5



#70
 Phenanthrene
 Concen: 40.87 ng
 RT: 11.074 min Scan# 830
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion:178 Resp: 968194
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.9 23.9
 179 15.8 12.9 19.3

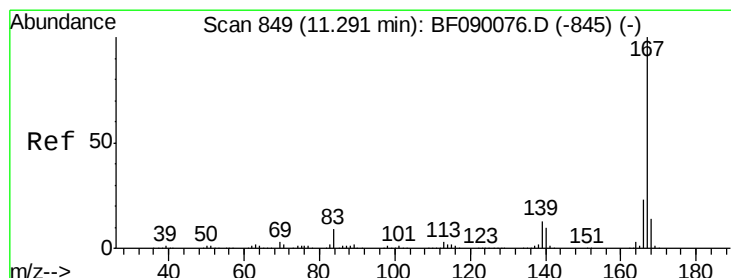
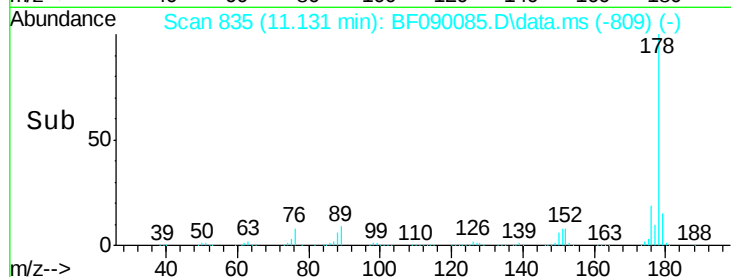
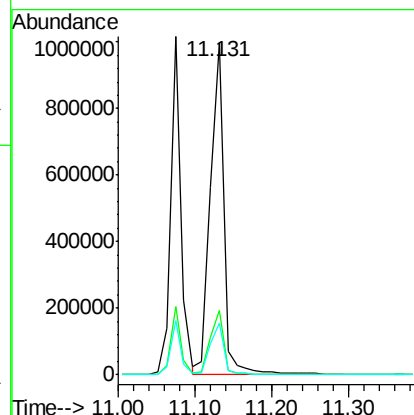
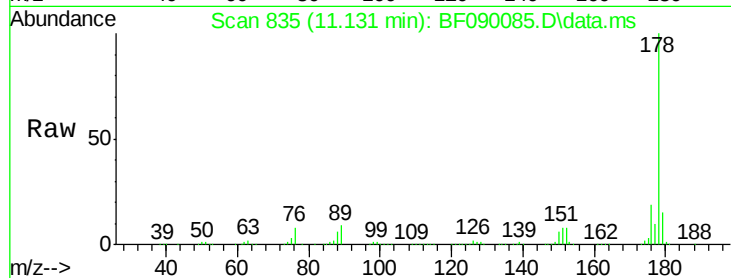




#71
 Anthracene
 Concen: 46.24 ng
 RT: 11.131 min Scan# 83
 Delta R.T. 0.001 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

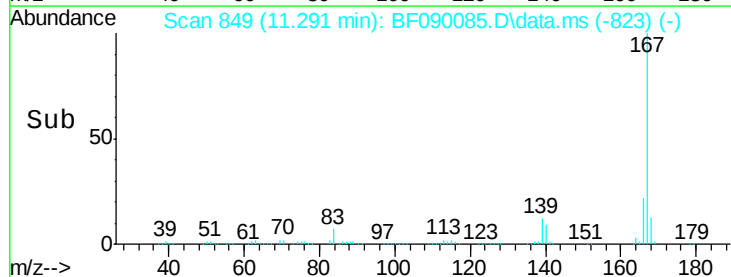
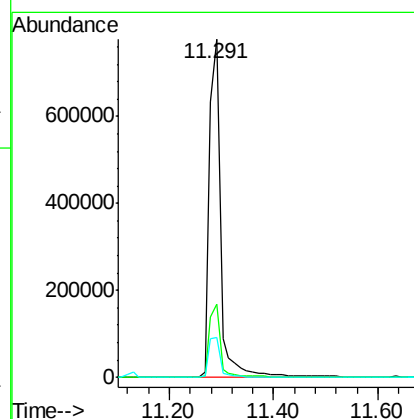
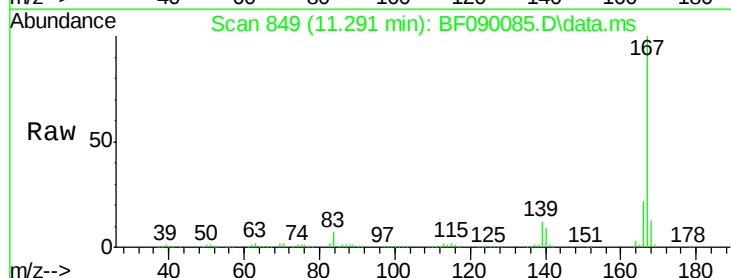
Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

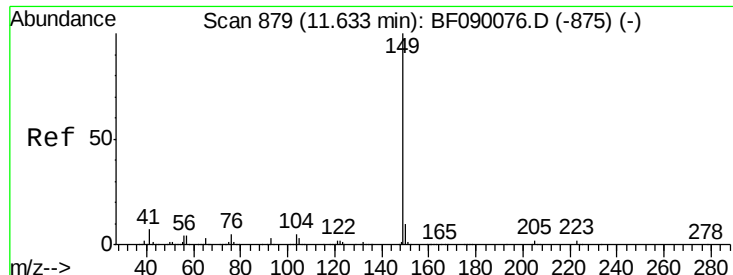
Tot Ion:178 Resp: 1196071
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 44.08 ng
 RT: 11.291 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion:167 Resp: 1169711
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.0 27.0
 139 11.8 10.4 15.6





#73

Di-n-butylphthalate

Concen: 41.10 ng

RT: 11.634 min Scan# 87

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

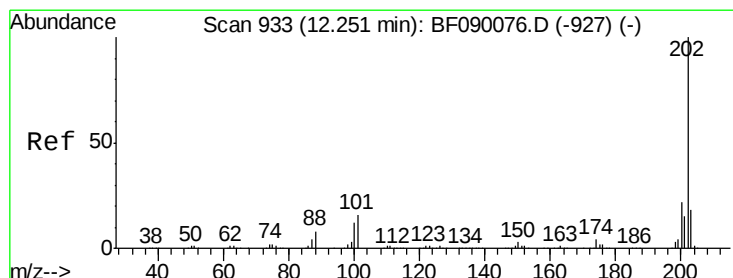
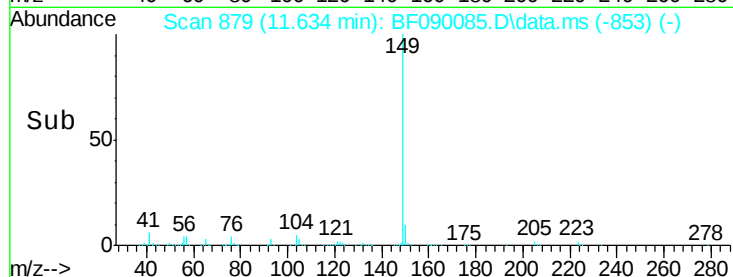
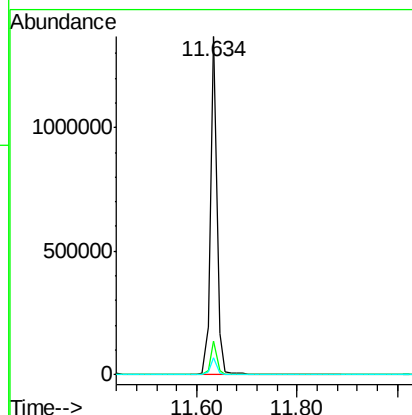
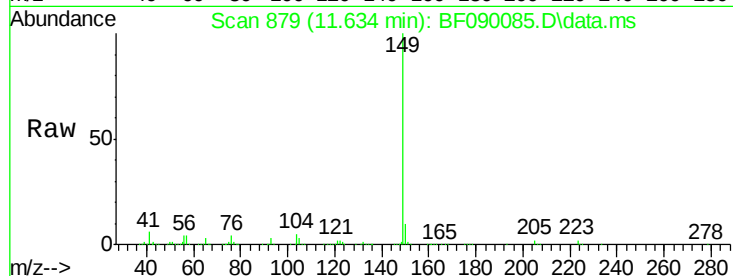
Tot Ion:149 Resp: 1222977

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

104 4.9 3.9 5.9



#74

Fluoranthene

Concen: 43.87 ng

RT: 12.251 min Scan# 933

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

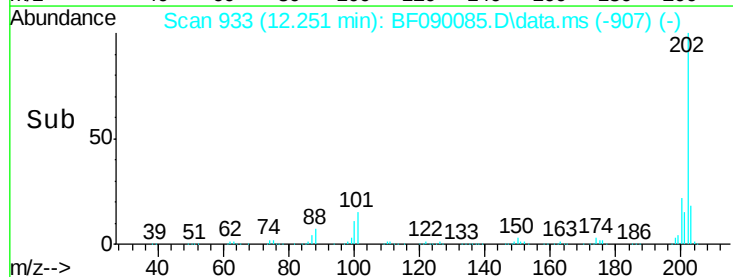
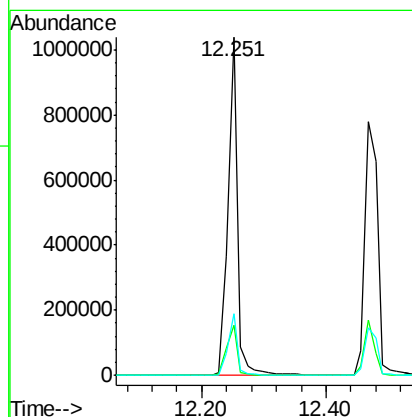
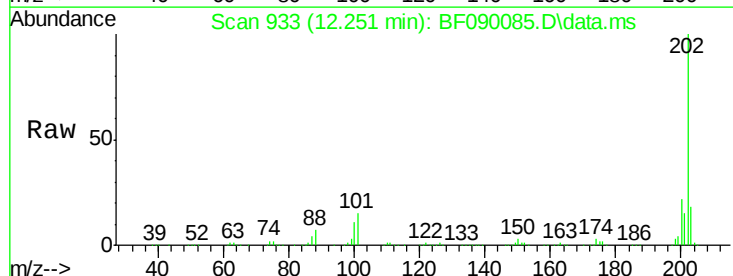
Tgt Ion:202 Resp: 1088982

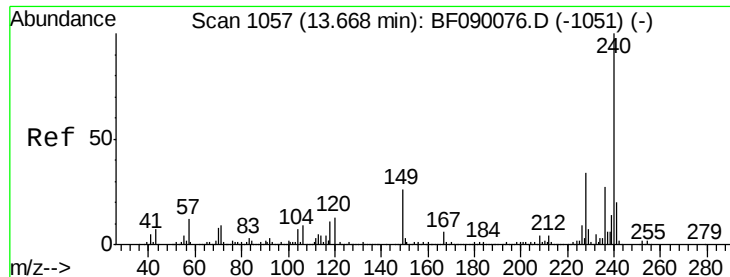
Ion Ratio Lower Upper

202 100

101 14.7 0.0 36.1

203 18.1 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.668 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

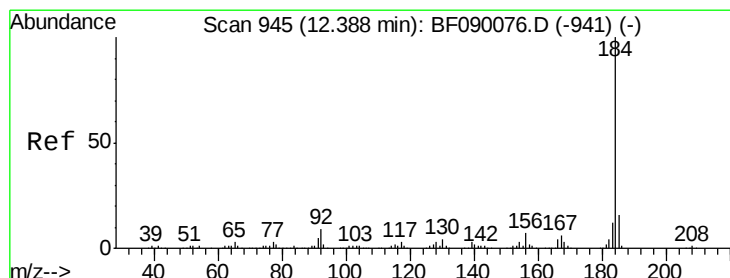
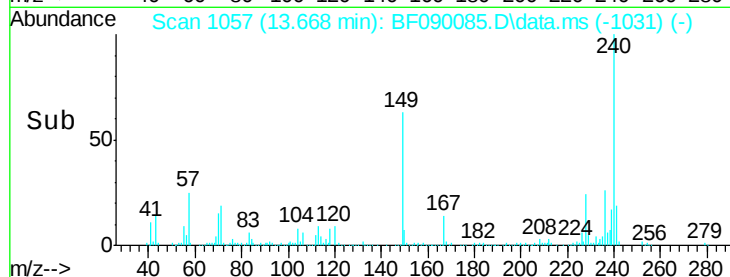
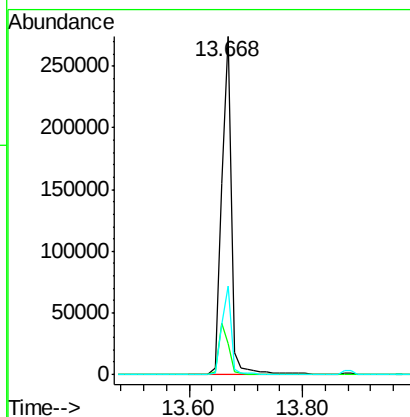
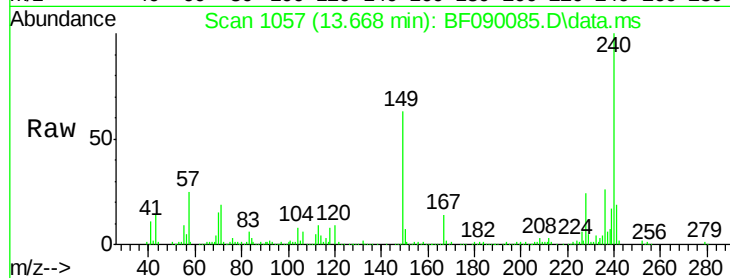
Tot Ion:240 Resp: 328018

Ion Ratio Lower Upper

240 100

120 9.1 10.6 16.0#

236 26.1 21.6 32.4



#76

Benzidine

Concen: 31.42 ng

RT: 12.388 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

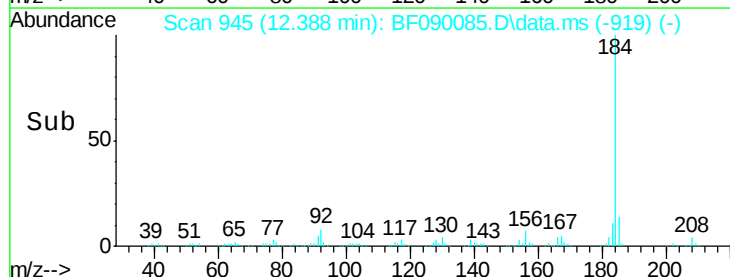
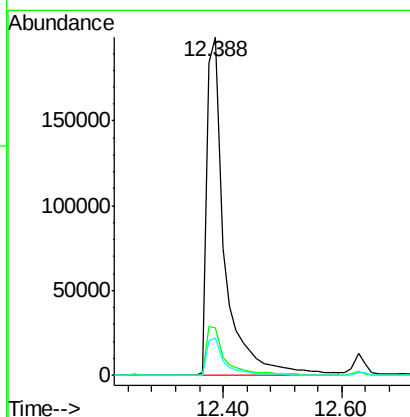
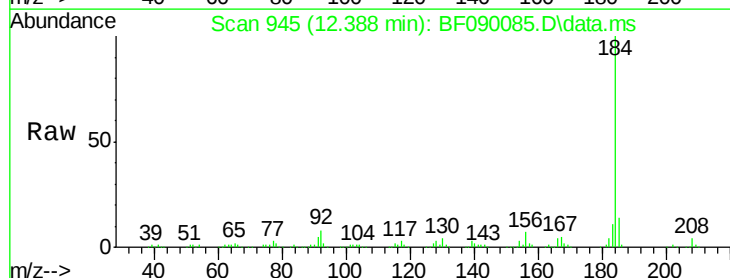
Tgt Ion:184 Resp: 420401

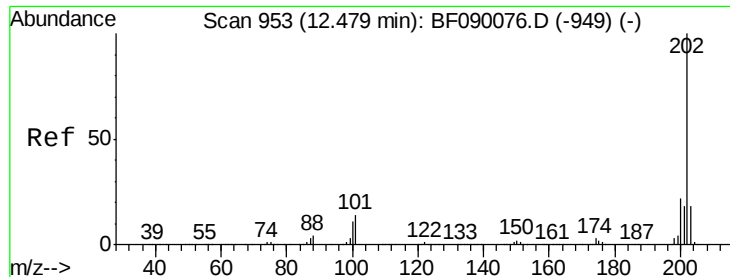
Ion Ratio Lower Upper

184 100

185 14.1 13.2 19.8

183 10.9 9.2 13.8

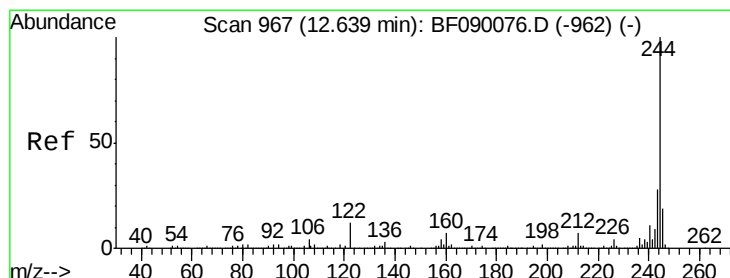
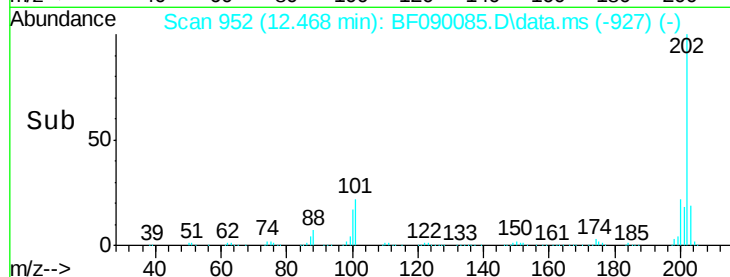
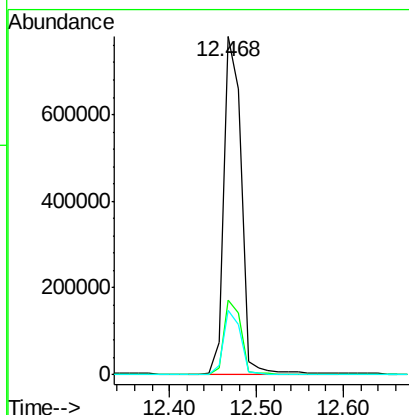
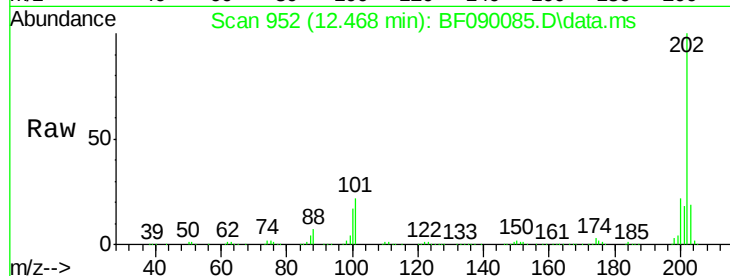




#77
Pvrene
Concen: 45.38 ng
RT: 12.468 min Scan# 95
Delta R.T. -0.011 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

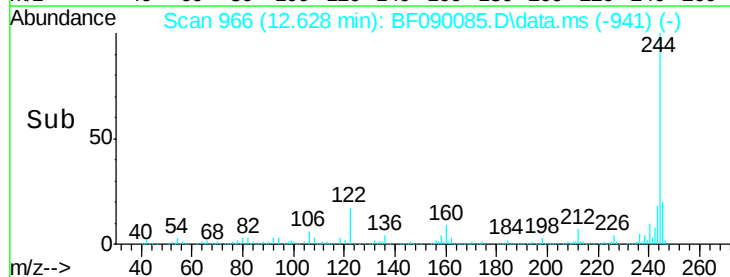
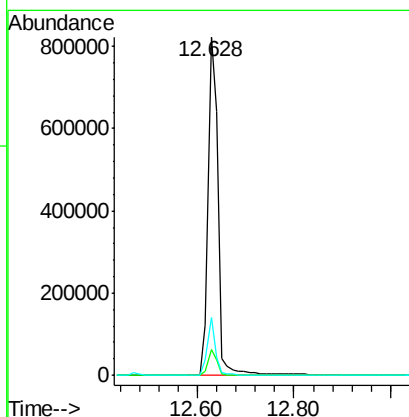
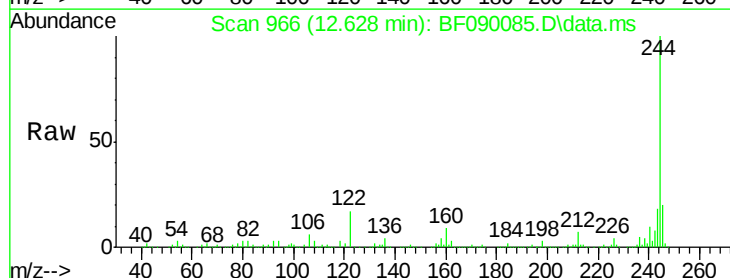
Instrument :
BNA_F
ClientSampleId :
PB93355BS

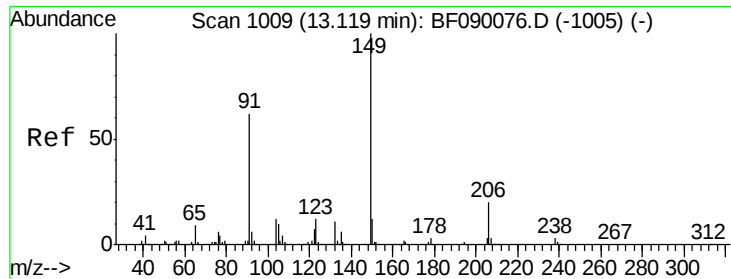
Tot Ion:202 Resp: 1086464
Ion Ratio Lower Upper
202 100
200 21.9 17.9 26.9
203 18.9 14.2 21.4



#78
Terphenyl-d14
Concen: 86.02 ng
RT: 12.628 min Scan# 966
Delta R.T. -0.011 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion:244 Resp: 1188182
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 17.2 9.4 14.0#

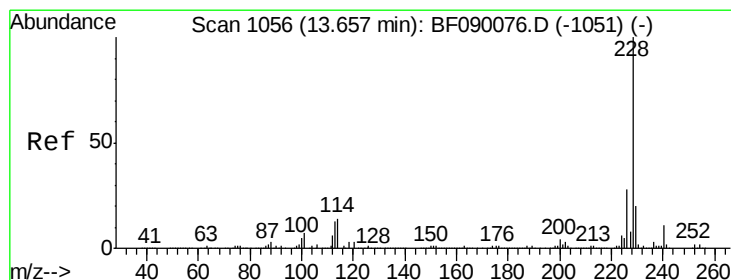
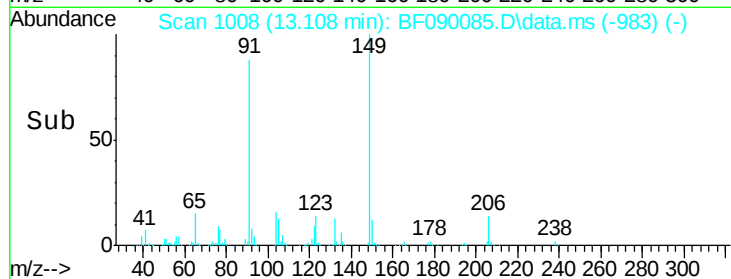
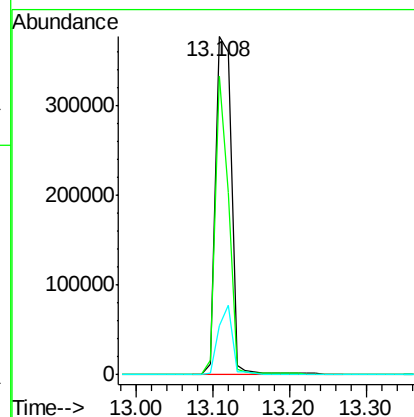
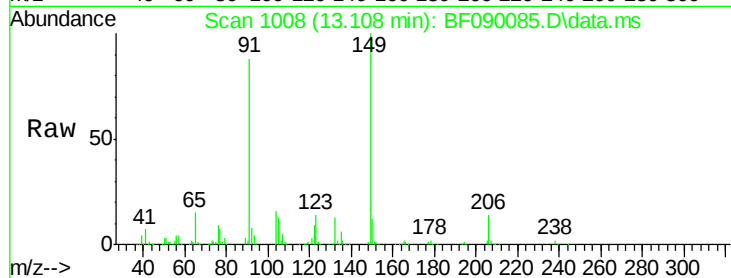




#79
Butylbenzylphthalate
Concen: 44.62 ng
RT: 13.108 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

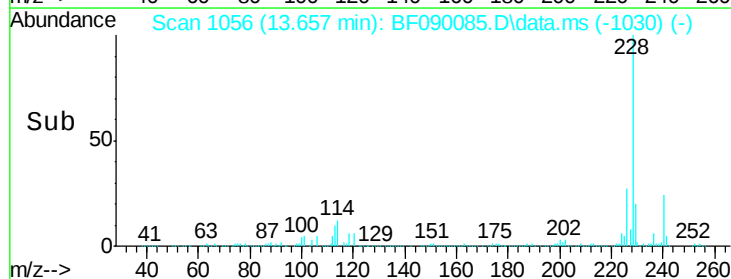
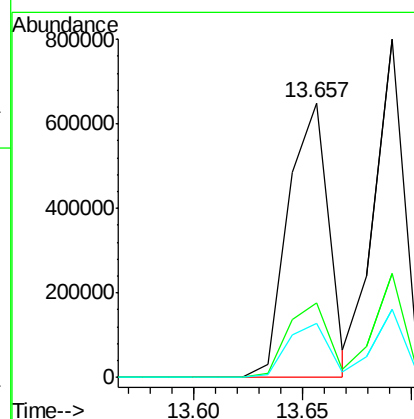
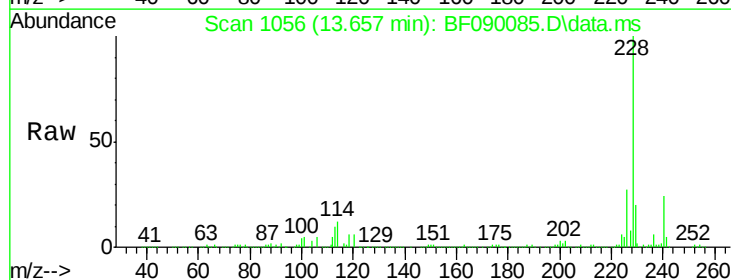
Instrument :
BNA_F
ClientSampleId :
PB93355BS

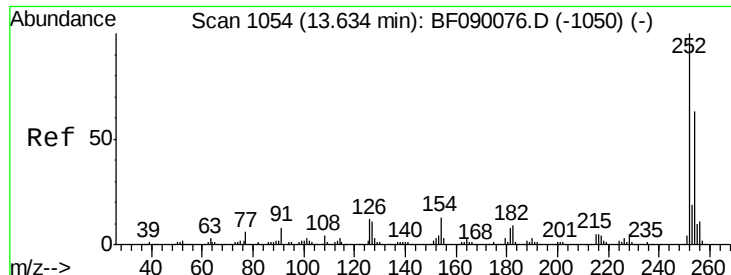
Tot Ion	Ratio	Lower	Upper
149	100		
91	88.1	49.8	74.6#
206	14.3	16.3	24.5#



#80
Benzo(a)anthracene
Concen: 44.05 ng
RT: 13.657 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.0	33.0
229	19.7	16.2	24.2

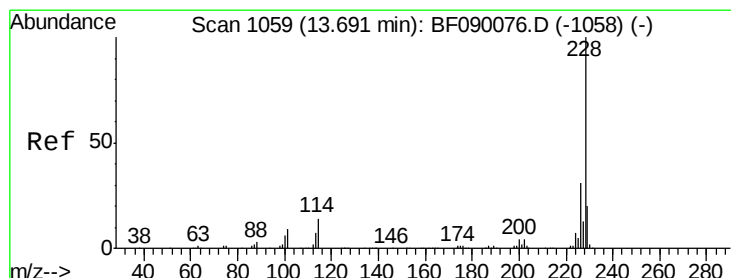
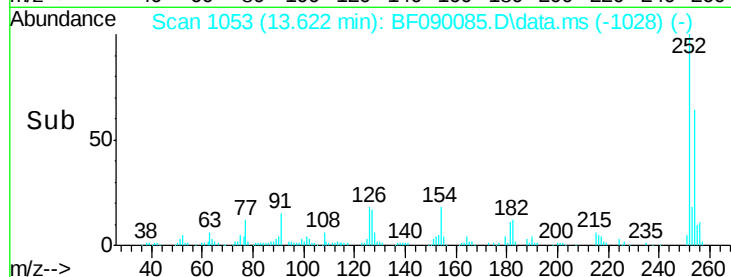
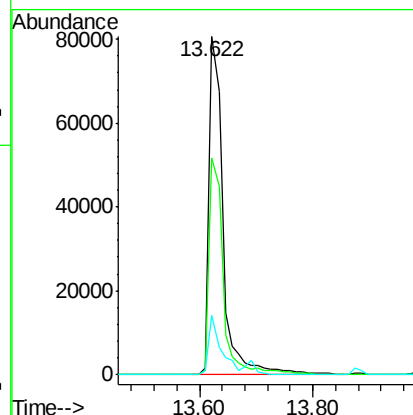
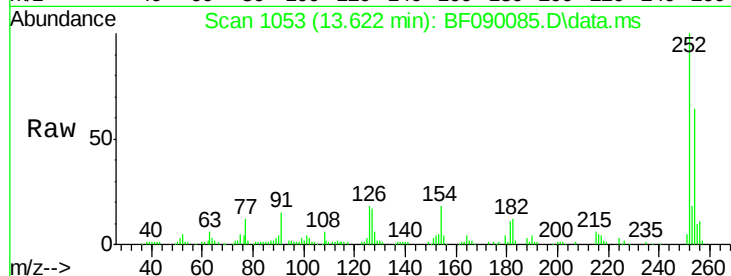




#81
 3,3'-Dichlorobenzidine
 Concen: 16.42 ng
 RT: 13.622 min Scan# 1053
 Delta R.T. -0.011 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

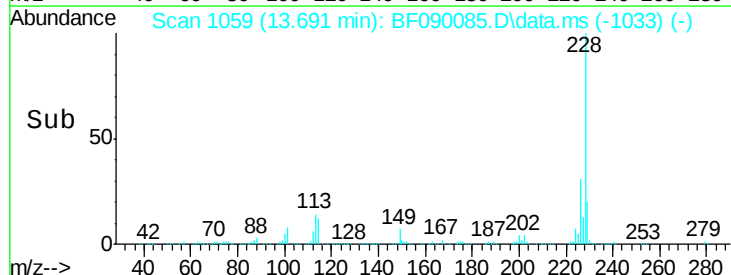
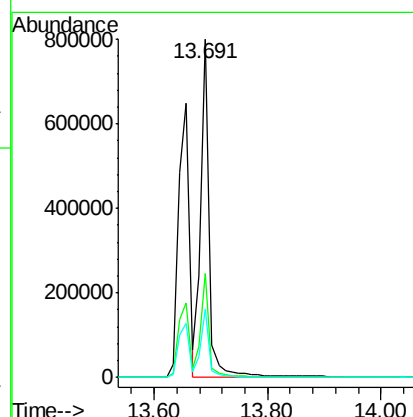
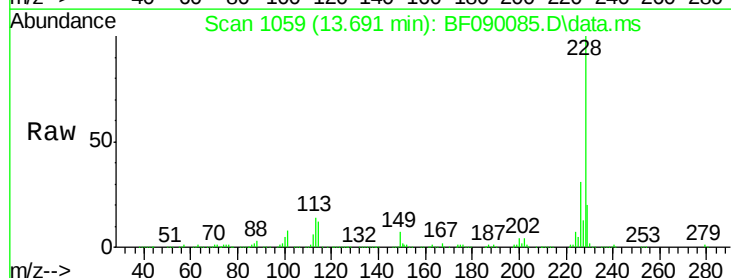
Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

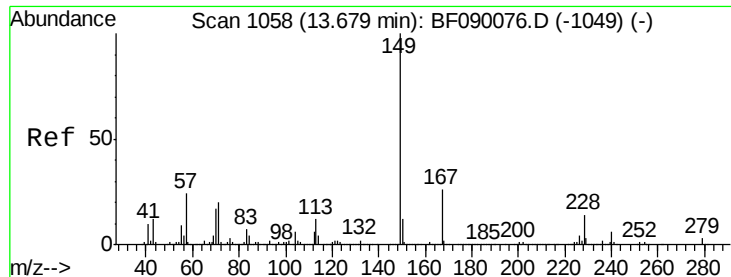
Tot Ion:252 Resp: 131798
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.7 76.1
 126 17.6 9.2 13.8#



#82
 Chrysene
 Concen: 44.93 ng
 RT: 13.691 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion:228 Resp: 837660
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.6 37.0
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.36 ng

RT: 13.680 min Scan# 1058

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

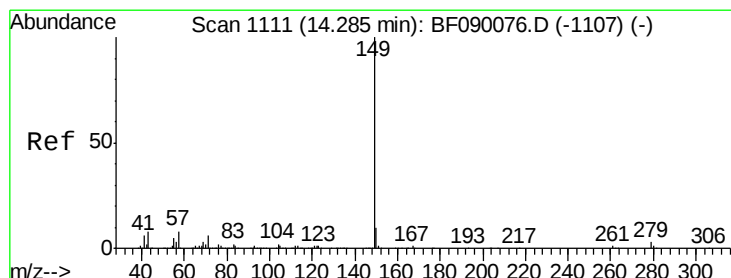
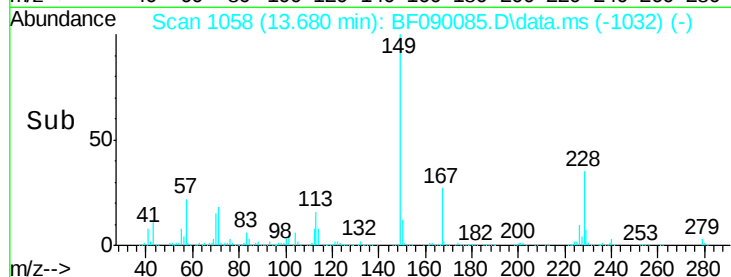
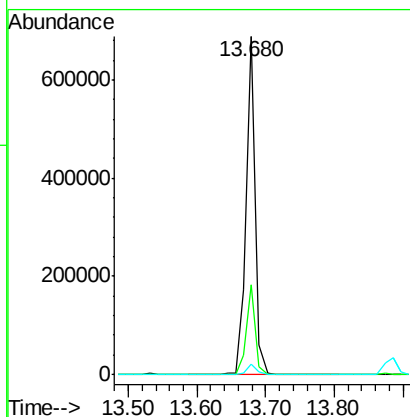
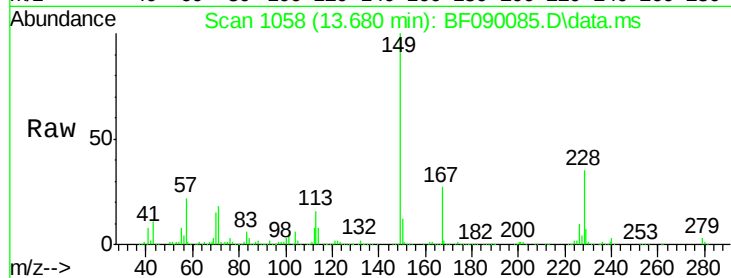
Tot Ion:149 Resp: 639412

Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 2.9 2.2 3.2



#84

Di-n-octyl phthalate

Concen: 38.88 ng

RT: 14.285 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

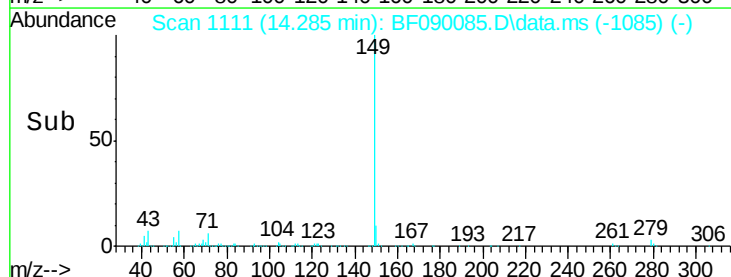
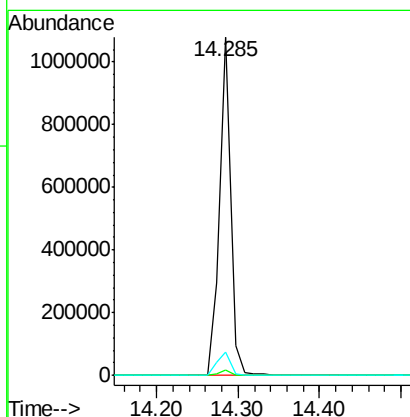
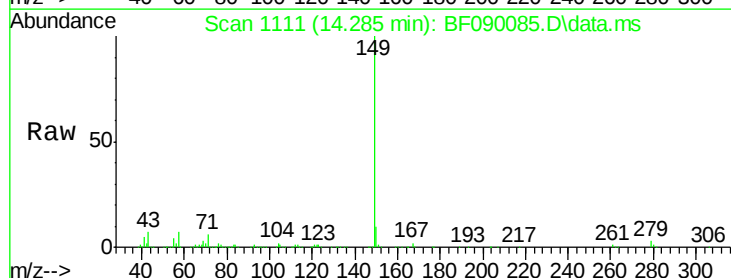
Tgt Ion:149 Resp: 1024827

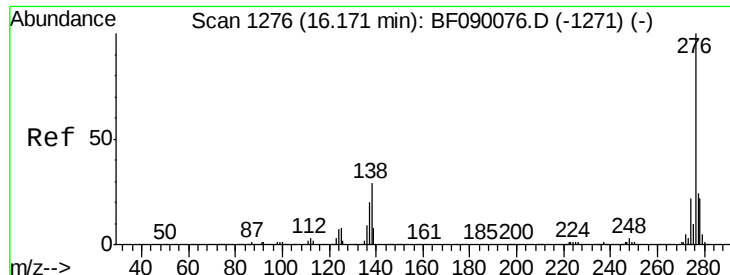
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.0 6.8 10.2

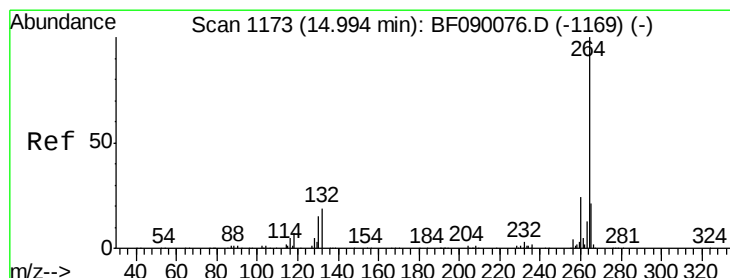
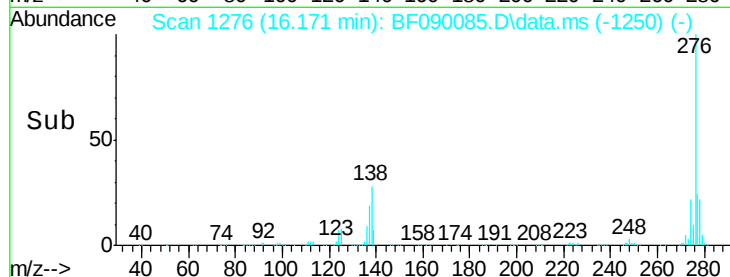
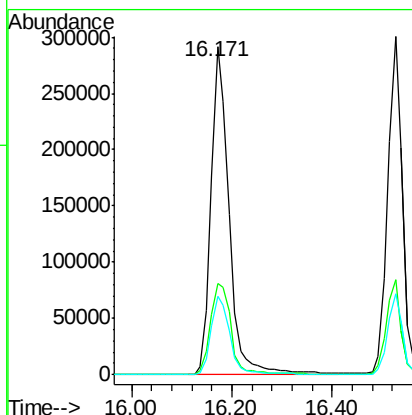
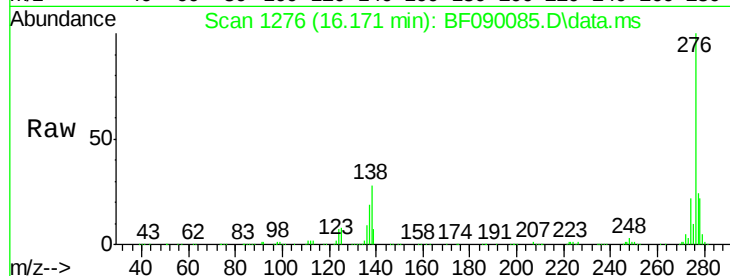




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.70 ng
RT: 16.171 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

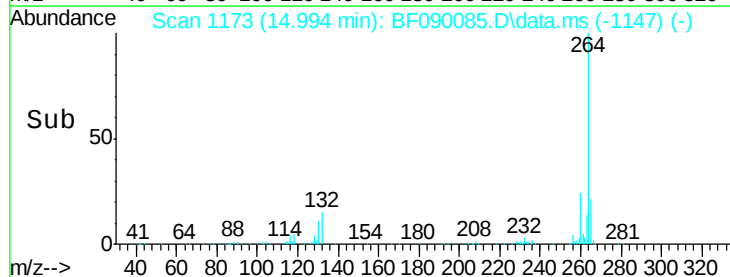
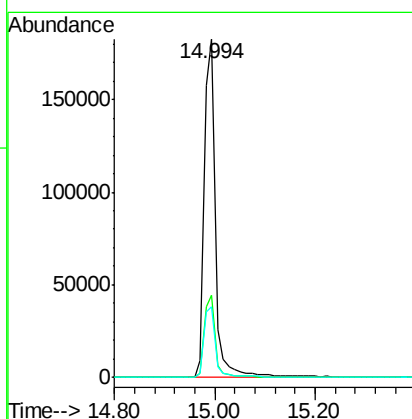
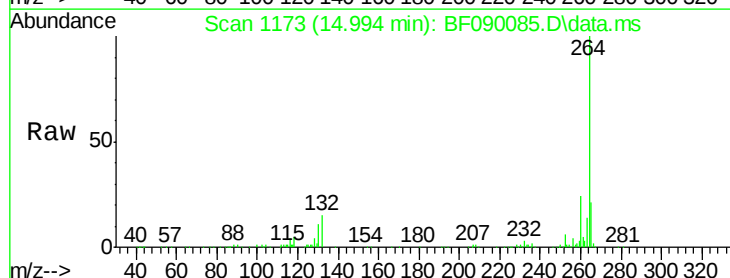
Instrument :
BNA_F
ClientSampleId :
PB93355BS

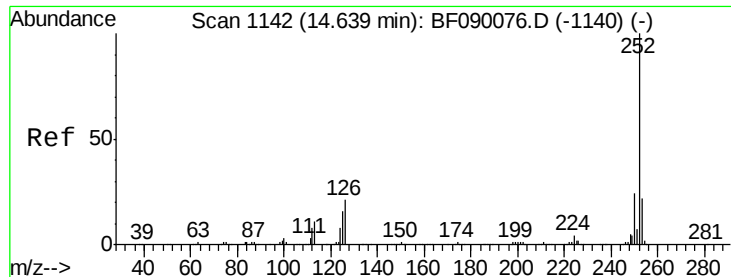
Tot Ion:276 Resp: 728823
Ion Ratio Lower Upper
276 100
138 32.0 25.9 38.9
277 25.2 19.9 29.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.994 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion:264 Resp: 282738
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 20.9 17.0 25.4

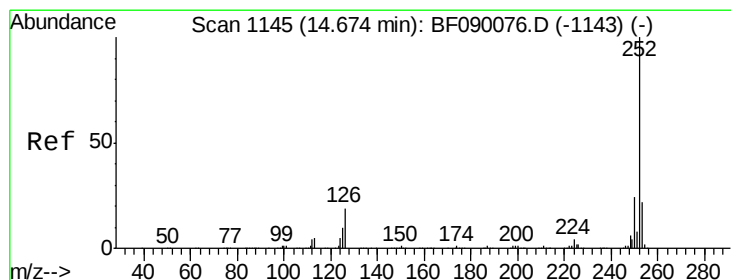
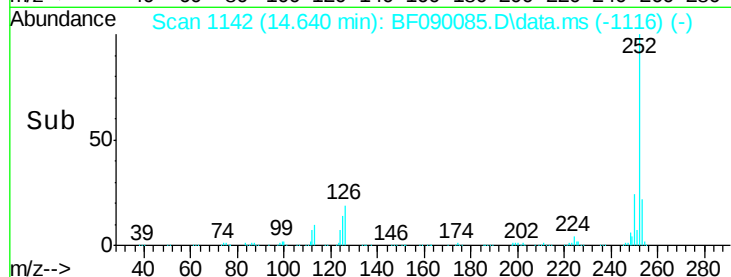
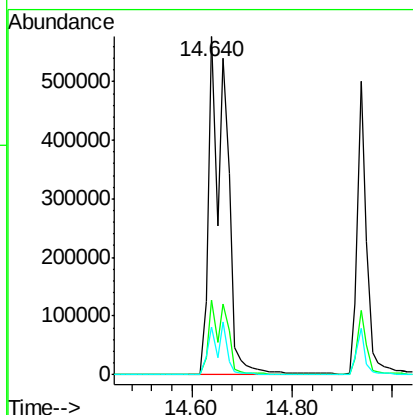
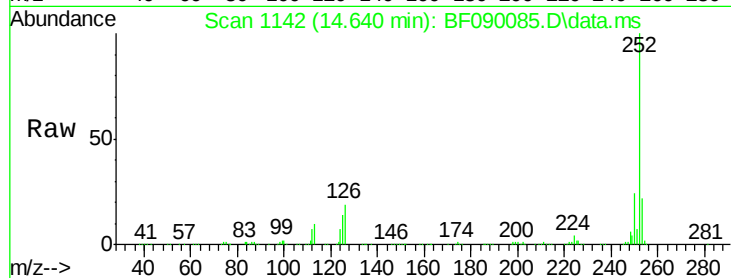




#87
Benzo(b)fluoranthene
Concen: 82.25 ng
RT: 14.640 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

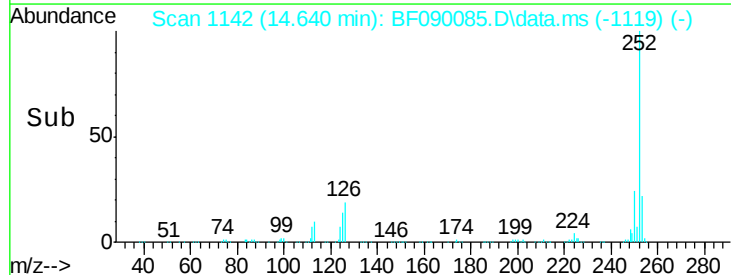
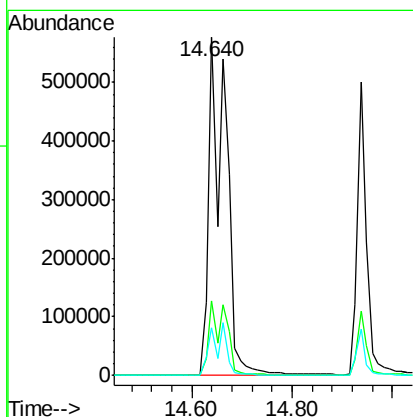
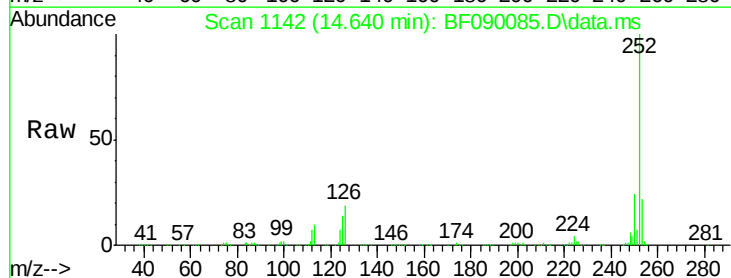
Instrument :
BNA_F
ClientSampleId :
PB93355BS

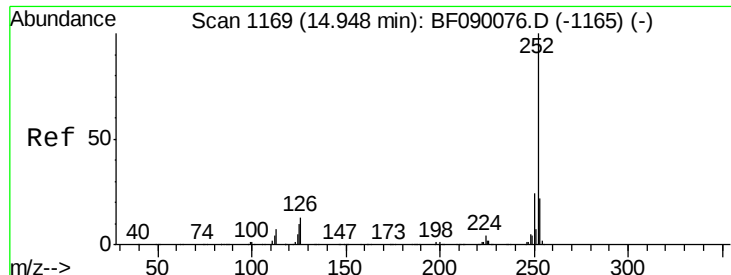
Tot Ion:252 Resp: 1363390
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 14.2 12.7 19.1



#88
Benzo(k)fluoranthene
Concen: 91.37 ng
RT: 14.640 min Scan# 1142
Delta R.T. -0.034 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion:252 Resp: 1363390
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 14.2 7.8 11.6#





#89

Benzo(a)pyrene

Concen: 44.31 ng

RT: 14.937 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

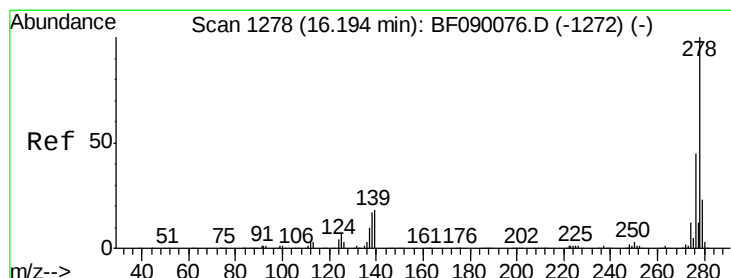
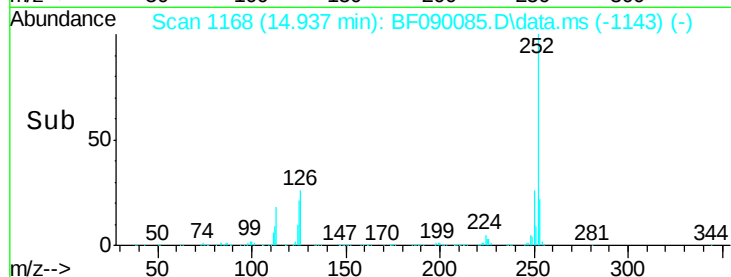
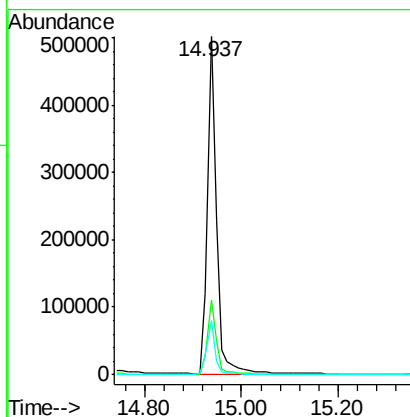
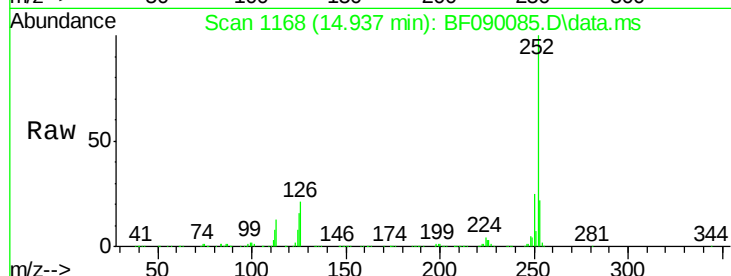
Tot Ion:252 Resp: 658692

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 15.9 7.7 11.5#



#90

Dibenzo(a,h)anthracene

Concen: 53.24 ng

RT: 16.194 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

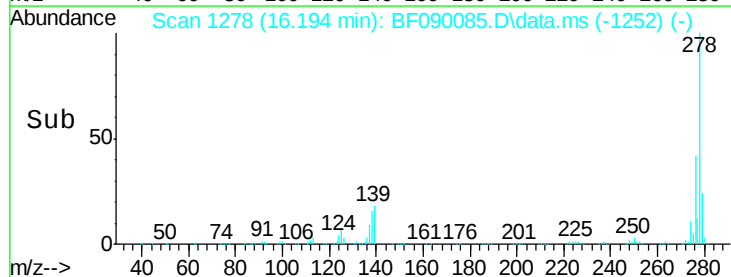
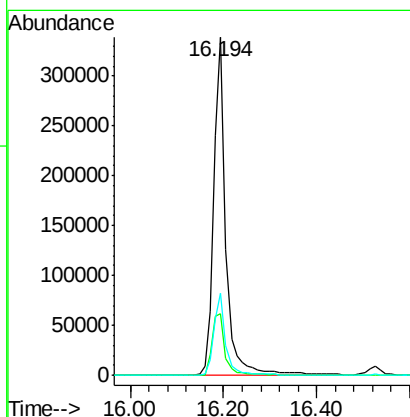
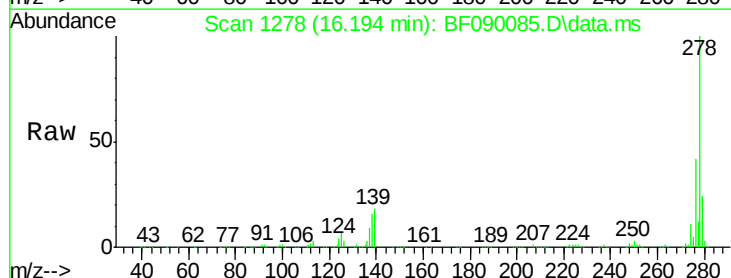
Tgt Ion:278 Resp: 619725

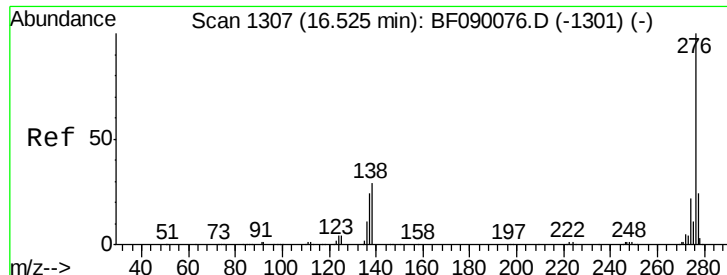
Ion Ratio Lower Upper

278 100

139 18.3 14.6 21.8

279 24.3 18.8 28.2





#91

Benzo(a,h,i)perylene

Concen: 56.57 ng

RT: 16.526 min Scan# 13

Delta R.T. 0.000 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

Tot Ion:276 Resp: 628409

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 28.2 23.3 34.9

