

Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\
 Data File : BF090086.D
 Acq On : 15 Sep 2016 12:25
 Operator : UM/SJ
 Sample : PB93338BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

Quant Time: Sep 15 12:54:49 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	142239	20.00	ng	0.00	
21) Naphthalene-d8	7.839	136	583740	20.00	ng	0.00	
38) Acenaphthene-d10	9.588	164	306273	20.00	ng	0.00	
63) Phenanthrene-d10	11.051	188	485002	20.00	ng	0.00	
75) Chrysene-d12	13.668	240	311819	20.00	ng	0.00	
86) Perylene-d12	14.994	264	260029	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.130	112	1118619	126.48	ng	0.01	
7) Phenol-d6	6.204	99	1324407	114.38	ng	0.00	
23) Nitrobenzene-d5	7.119	82	805070	77.54	ng	-0.01	
41) 2,4,6-Tribromophenol	10.365	330	298513	97.03	ng	-0.01	
44) 2-Fluorobiphenyl	8.925	172	1433840	73.52	ng	0.00	
78) Terphenyl-d14	12.628	244	1099677	83.75	ng	-0.01	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.055	88	162575	35.21	ng		99
3) Pyridine	2.650	79	454458	38.93	ng		98
4) n-Nitrosodimethylamine	2.615	42	138838	37.78	ng		98
6) Aniline	6.216	93	301183	20.96	ng	#	26
8) 2-Chlorophenol	6.330	128	400428	39.30	ng		95
9) Benzaldehyde	6.090	77	41932	6.79	ng		97
10) Phenol	6.216	94	550916	42.39	ng	#	74
11) bis(2-Chloroethyl)ether	6.296	93	416586	39.97	ng		97
12) 1,3-Dichlorobenzene	6.490	146	439616	41.94	ng		97
13) 1,4-Dichlorobenzene	6.570	146	443978	41.03	ng		97
14) 1,2-Dichlorobenzene	6.570	146	447691	45.53	ng		98
15) Benzyl Alcohol	6.707	79	305343	46.83	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.844	45	476128	38.55	ng		97
17) 2-Methylphenol	6.833	107	360988	43.31	ng		97
18) Hexachloroethane	7.062	117	159266	40.56	ng		94
19) n-Nitroso-di-n-propyla...	6.982	70	276407	38.42	ng		98
20) 3+4-Methylphenols	6.982	107	438067	44.91	ng	#	86
22) Acetophenone	6.970	105	517786	36.64	ng	#	98
24) Nitrobenzene	7.142	77	449217	41.08	ng		90
25) Isophorone	7.382	82	824877	37.94	ng		98
26) 2-Nitrophenol	7.462	139	231283	43.62	ng	#	89
27) 2,4-Dimethylphenol	7.519	122	379250	40.65	ng		94
28) bis(2-Chloroethoxy)met...	7.610	93	548172	42.99	ng		99
29) 2,4-Dichlorophenol	7.702	162	336172	40.79	ng		92
30) 1,2,4-Trichlorobenzene	7.782	180	322421	39.66	ng		98
31) Naphthalene	7.862	128	1265066	44.09	ng		99
32) Benzoic acid	7.633	122	119974	16.78	ng		97
33) 4-Chloroaniline	7.919	127	134444	11.01	ng		96
34) Hexachlorobutadiene	7.987	225	172053	41.33	ng		99
35) Caprolactam	8.285	113	69048	25.09	ng		95
36) 4-Chloro-3-methylphenol	8.410	107	370272	38.70	ng		98
37) 2-Methylnaphthalene	8.547	142	707105	39.73	ng		100
39) 1,2,4,5-Tetrachloroben...	8.719	216	267267	33.94	ng		99

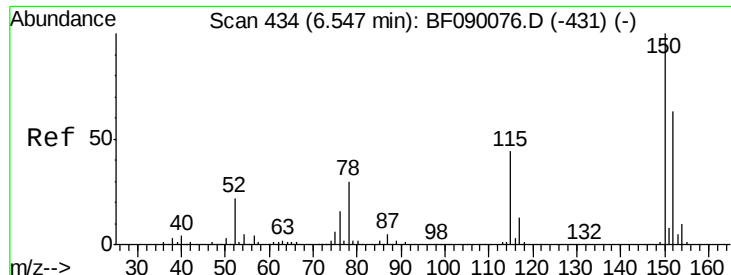
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	8.707	237	290589	71.00	ng	97
42) 2,4,6-Trichlorophenol	8.833	196	220179	38.57	ng	99
43) 2,4,5-Trichlorophenol	8.879	196	230805	37.59	ng #	95
45) 1,1'-Biphenyl	9.016	154	836697	33.39	ng	98
46) 2-Chloronaphthalene	9.039	162	720178	38.78	ng	95
47) 2-Nitroaniline	9.130	65	223641	37.72	ng #	75
48) Acenaphthylene	9.439	152	1091840	35.01	ng	99
49) Dimethylphthalate	9.325	163	798737	35.11	ng	98
50) 2,6-Dinitrotoluene	9.382	165	182530	35.91	ng	92
51) Acenaphthene	9.610	154	637796	36.62	ng	100
52) 3-Nitroaniline	9.542	138	107646	17.40	ng	87
53) 2,4-Dinitrophenol	9.656	184	141020	51.02	ng	91
54) Dibenzofuran	9.793	168	985136	40.89	ng	97
55) 4-Nitrophenol	9.725	139	291353	66.94	ng	87
56) 2,4-Dinitrotoluene	9.782	165	233562	37.69	ng	92
57) Fluorene	10.125	166	661978	35.17	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.908	232	186273	39.78	ng	100
59) Diethylphthalate	10.022	149	774316	35.16	ng	100
60) 4-Chlorophenyl-phenyle...	10.125	204	281942	37.94	ng	96
61) 4-Nitroaniline	10.159	138	215909	34.49	ng	88
62) Azobenzene	10.285	77	941720	40.75	ng	97
64) 4,6-Dinitro-2-methylph...	10.182	198	102230	31.62	ng #	43
65) n-Nitrosodiphenylamine	10.250	169	703967	45.81	ng	100
66) 4-Bromophenyl-phenylether	10.616	248	209530	44.82	ng #	93
67) Hexachlorobenzene	10.673	284	237009	43.02	ng #	88
68) Atrazine	10.776	200	196140	42.95	ng	95
69) Pentachlorophenol	10.868	266	242902	75.26	ng	99
70) Phenanthrene	11.073	178	973005	41.51	ng	99
71) Anthracene	11.131	178	1162544	45.43	ng	100
72) Carbazole	11.291	167	1155285	44.01	ng	99
73) Di-n-butylphthalate	11.633	149	1224638	41.60	ng	100
74) Fluoranthene	12.251	202	1067498	43.47	ng	99
76) Benzidine	12.388	184	414859	32.62	ng	96
77) Pyrene	12.468	202	1007236	44.26	ng	99
79) Butylbenzylphthalate	13.108	149	488427	43.10	ng #	72
80) Benzo(a)anthracene	13.657	228	788577	43.32	ng	99
81) 3,3'-Dichlorobenzidine	13.622	252	115214	15.10	ng #	95
82) Chrysene	13.691	228	797673	45.01	ng	99
83) Bis(2-ethylhexyl)phtha...	13.679	149	593705	42.36	ng	99
84) Di-n-octyl phthalate	14.285	149	940908	37.55	ng	98
85) Indeno(1,2,3-cd)pyrene	16.171	276	739792	49.87	ng	99
87) Benzo(b)fluoranthene	14.640	252	1248682	81.91	ng	98
88) Benzo(k)fluoranthene	14.640	252	1248682	90.99	ng #	95
89) Benzo(a)pyrene	14.937	252	600569	43.93	ng #	94
90) Dibenzo(a,h)anthracene	16.194	278	622686	58.16	ng	99
91) Benzo(g,h,i)perylene	16.525	276	639681	62.61	ng	100

(#) = 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: BF090086.D

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PB93381BS

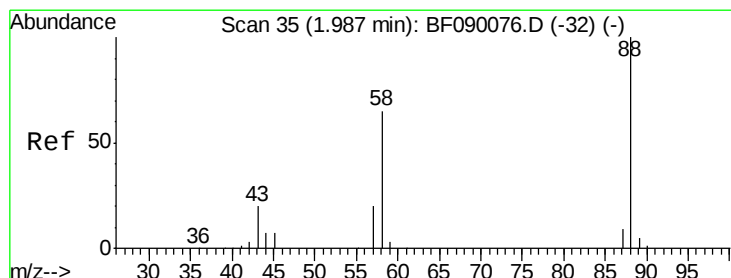
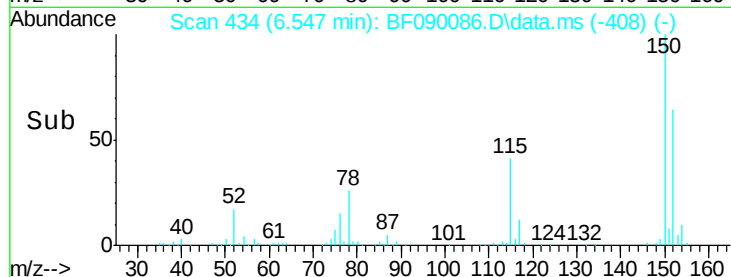
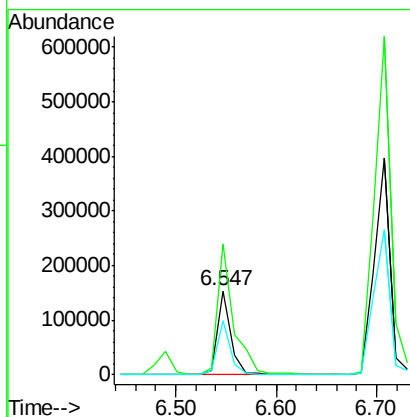
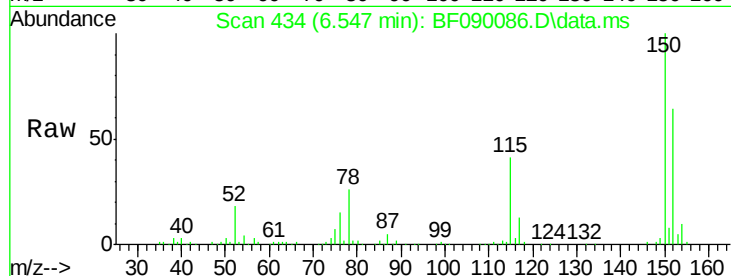
Tot Ion:152 Resp: 142239

Ion Ratio Lower Upper

152 100

150 156.0 128.9 193.3

115 63.8 55.5 83.3



#2

1,4-Dioxane

Concen: 35.21 ng

RT: 2.055 min Scan# 41

Delta R.T. 0.069 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

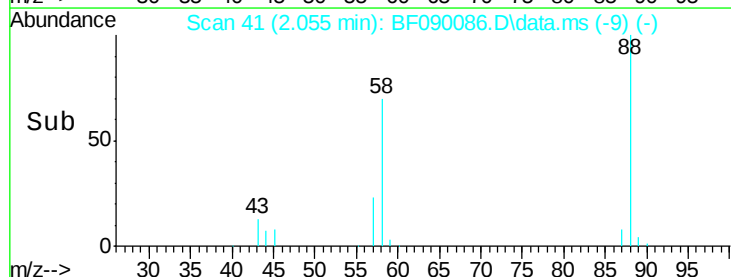
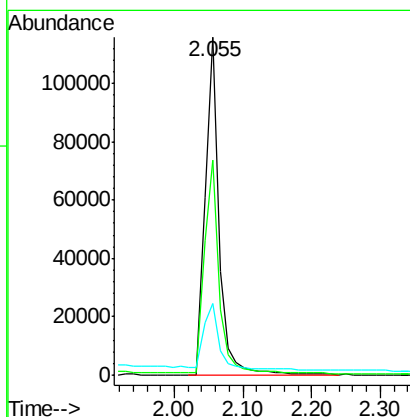
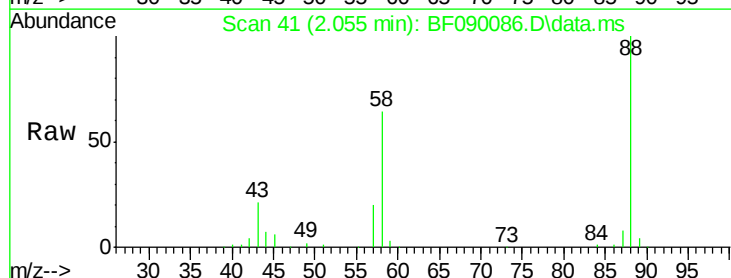
Tgt Ion: 88 Resp: 162575

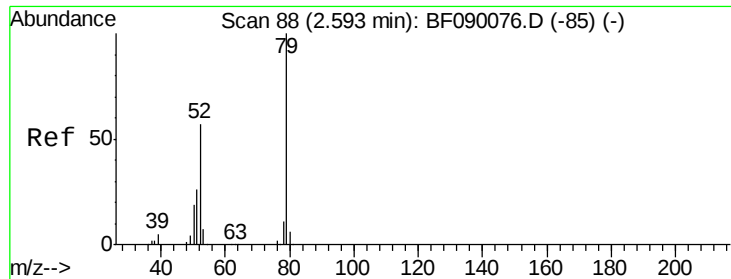
Ion Ratio Lower Upper

88 100

58 66.0 53.4 80.0

43 20.3 16.5 24.7

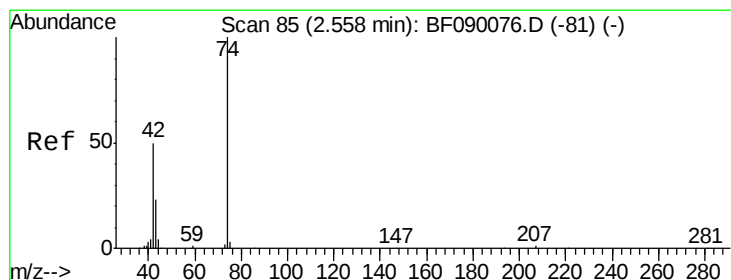
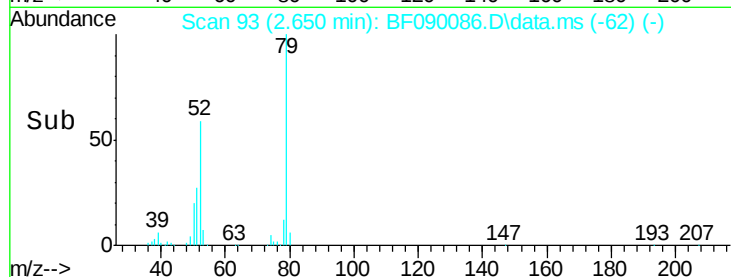
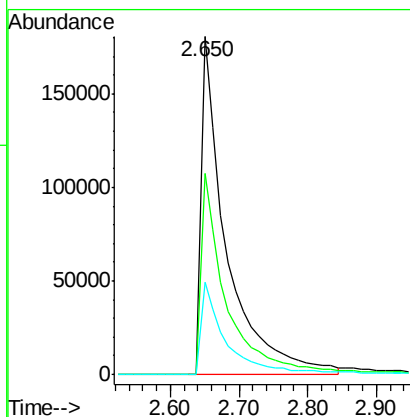
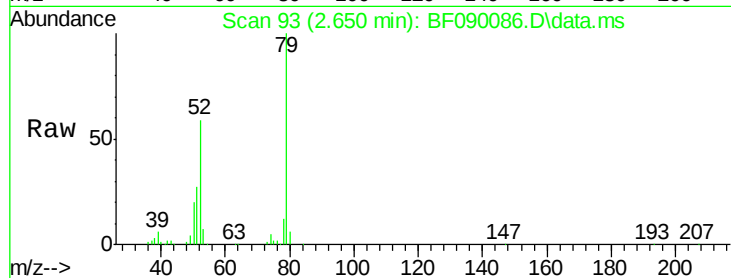




#3
 Pvridine
 Concen: 38.93 ng
 RT: 2.650 min Scan# 93
 Delta R.T. 0.058 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

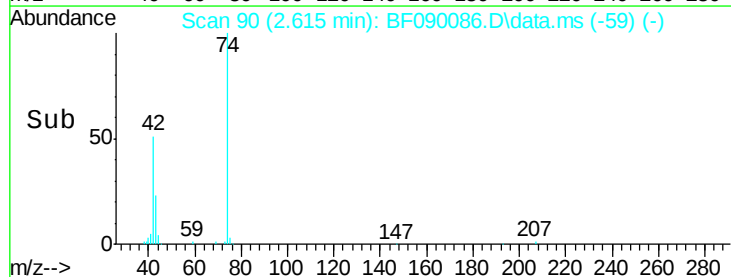
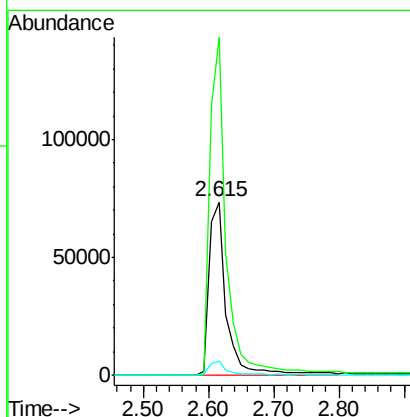
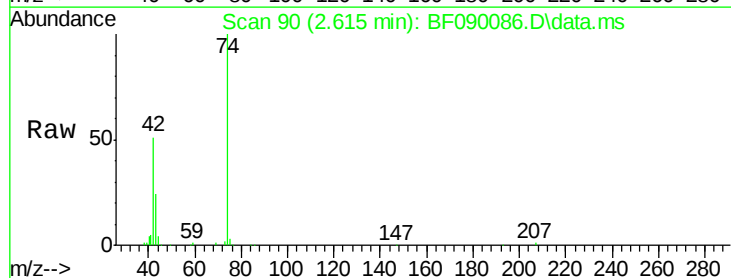
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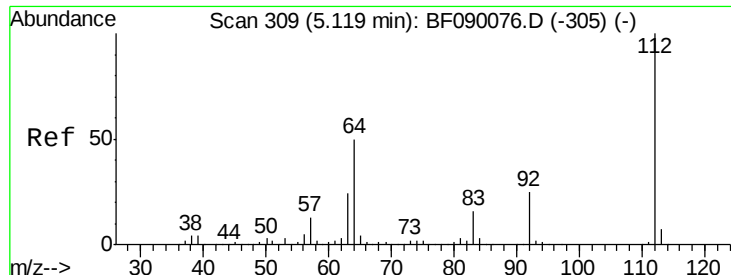
Tot Ion: 79 Resp: 454458
 Ion Ratio Lower Upper
 79 100
 52 59.4 45.9 68.9
 51 27.3 21.3 31.9



#4
 n-Nitrosodimethylamine
 Concen: 37.78 ng
 RT: 2.615 min Scan# 90
 Delta R.T. 0.057 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion: 42 Resp: 138838
 Ion Ratio Lower Upper
 42 100
 74 195.0 158.7 238.1
 44 7.9 6.4 9.6

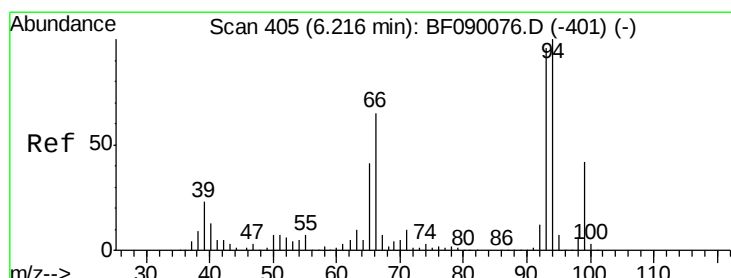
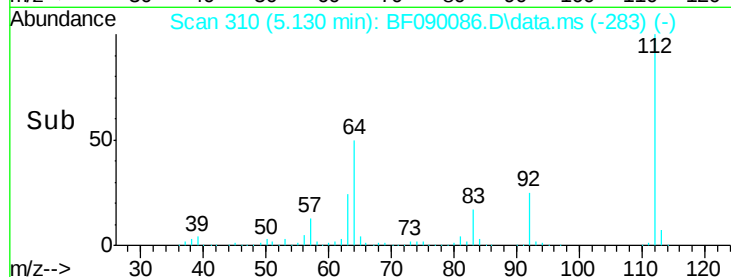
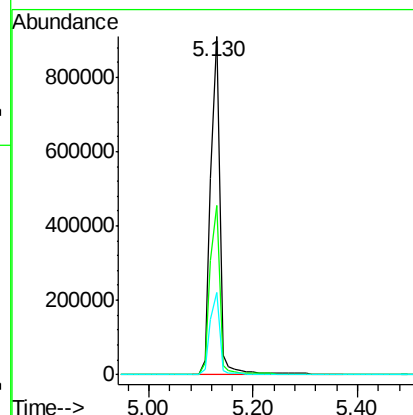
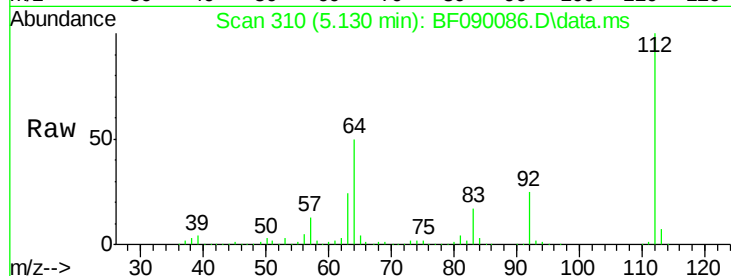




#5
 2-Fluorophenol
 Concen: 126.48 ng
 RT: 5.130 min Scan# 31
 Delta R.T. 0.011 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

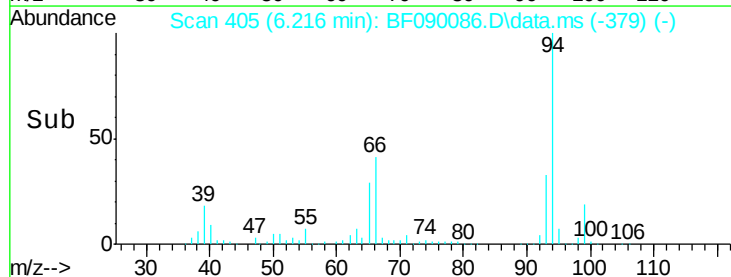
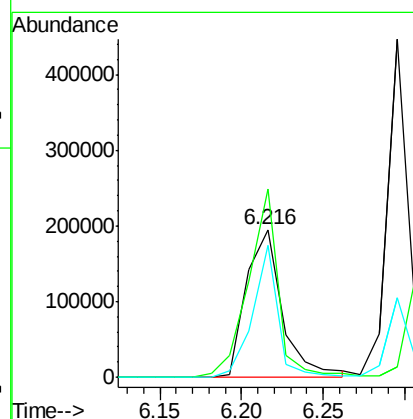
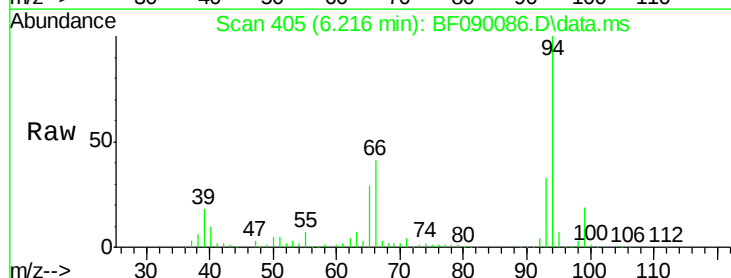
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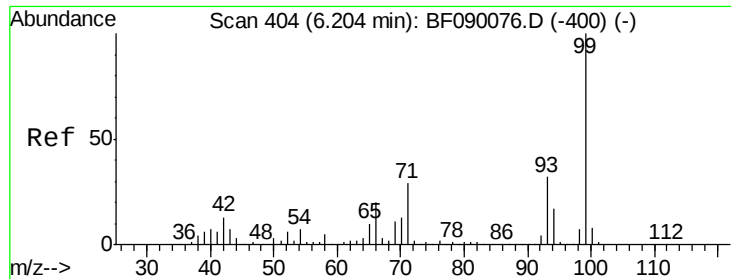
Tot Ion:112 Resp: 1118619
 Ion Ratio Lower Upper
 112 100
 64 49.9 39.8 59.6
 63 24.2 18.9 28.3



#6
 Aniline
 Concen: 20.96 ng
 RT: 6.216 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion: 93 Resp: 301183
 Ion Ratio Lower Upper
 93 100
 66 127.2 54.2 81.2#
 65 89.5 33.8 50.6#





#7

Phenol-d6

Concen: 114.38 ng

RT: 6.204 min Scan# 40

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

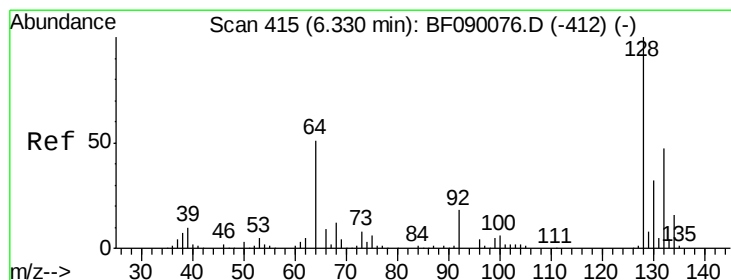
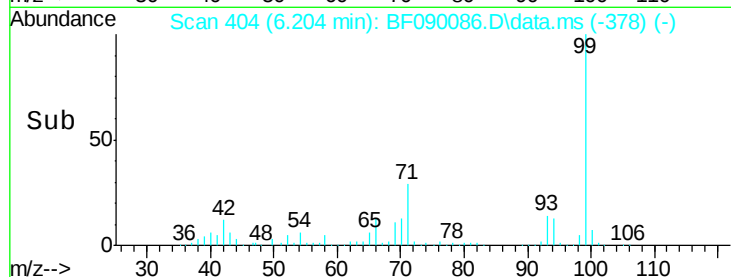
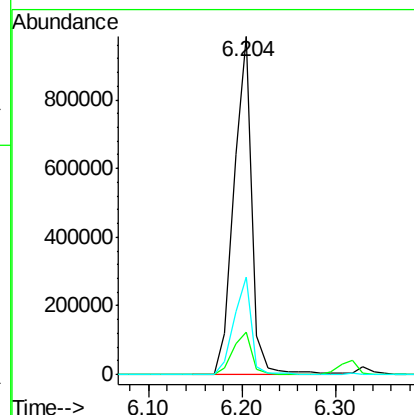
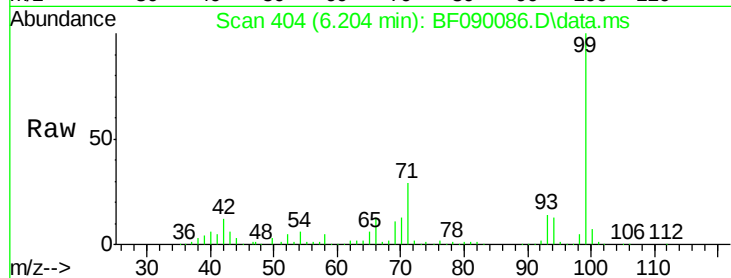
Tot Ion: 99 Resp: 1324407

Ion Ratio Lower Upper

99 100

42 12.5 10.6 15.8

71 28.7 23.0 34.6



#8

2-Chlorophenol

Concen: 39.30 ng

RT: 6.330 min Scan# 415

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

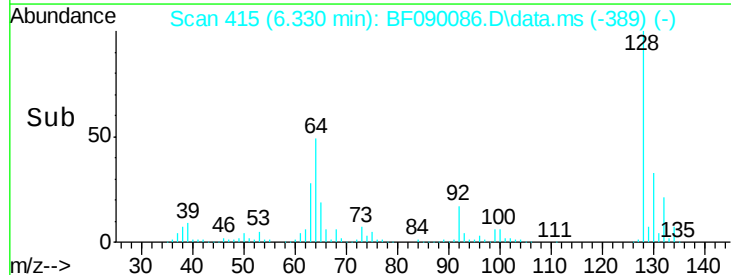
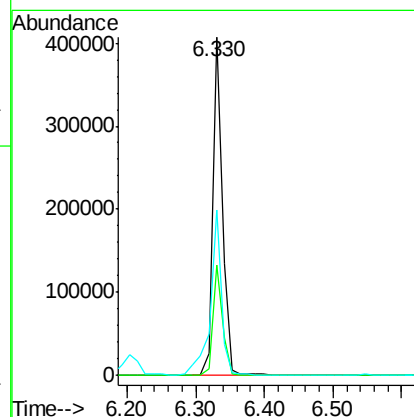
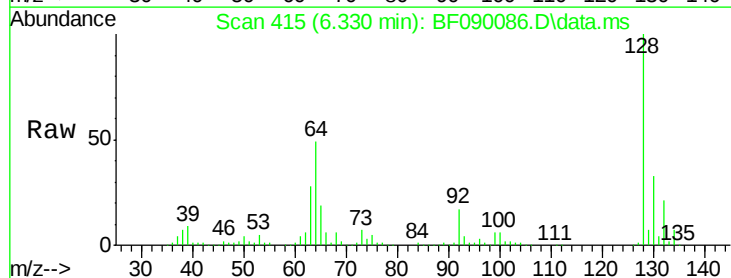
Tgt Ion:128 Resp: 400428

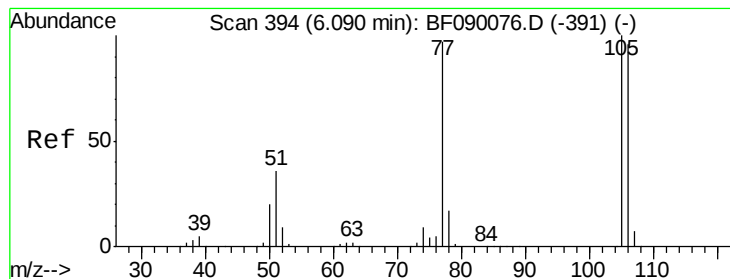
Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 48.9 33.6 73.6





#9

Benzaldehyde

Concen: 6.79 ng

RT: 6.090 min Scan# 39

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

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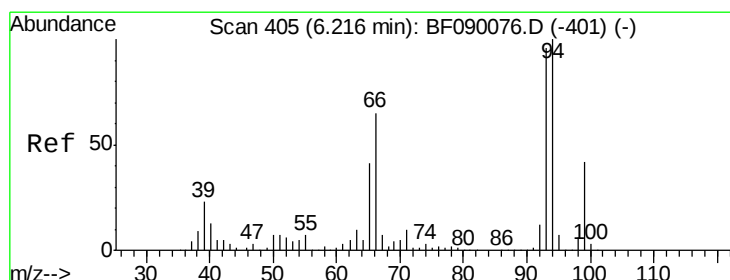
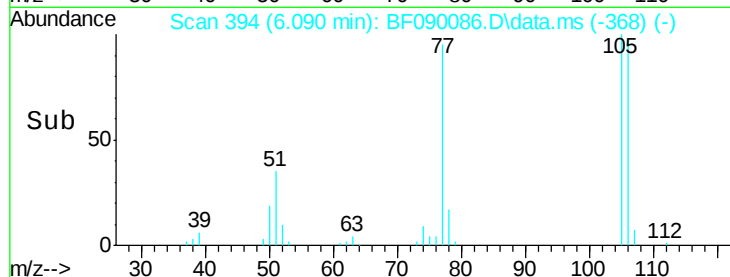
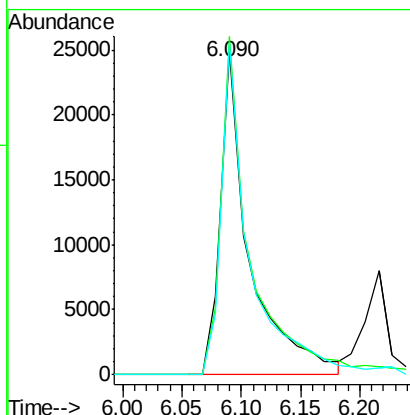
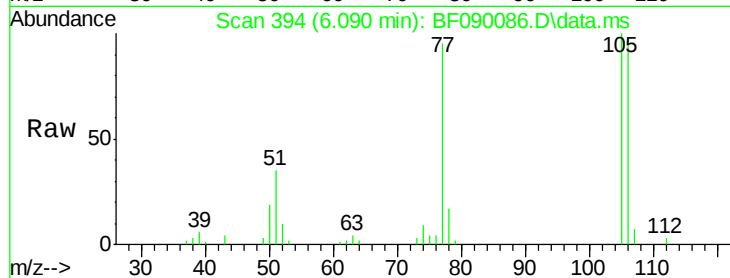
Tot Ion: 77 Resp: 41932

Ion Ratio Lower Upper

77 100

105 104.8 83.0 123.0

106 102.7 78.5 118.5



#10

Phenol

Concen: 42.39 ng

RT: 6.216 min Scan# 405

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

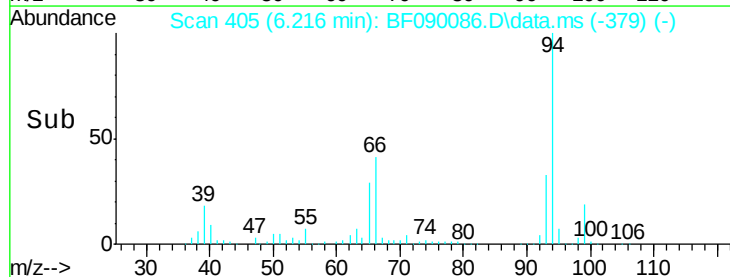
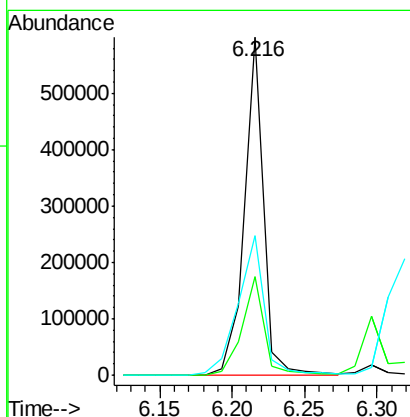
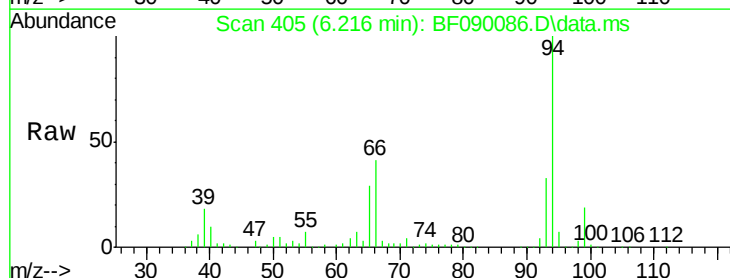
Tgt Ion: 94 Resp: 550916

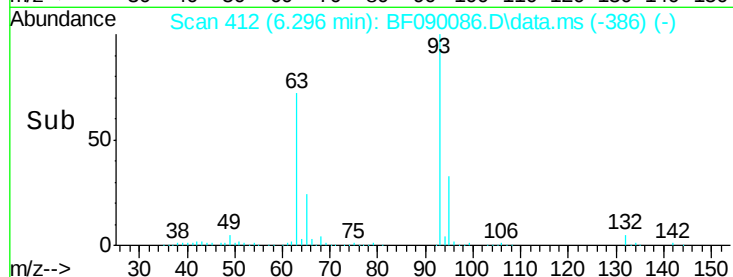
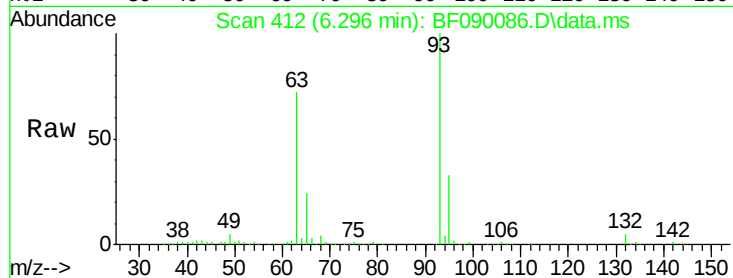
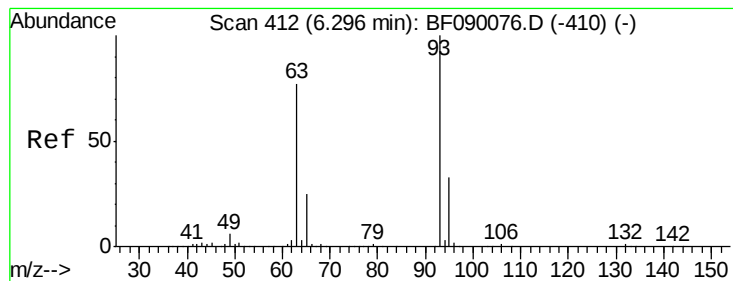
Ion Ratio Lower Upper

94 100

65 29.1 20.6 60.6

66 41.4 45.1 85.1#





#11

bis(2-Chloroethyl)ether

Concen: 39.97 ng

RT: 6.296 min Scan# 41

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

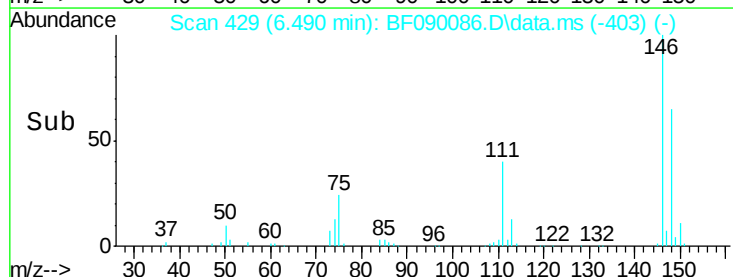
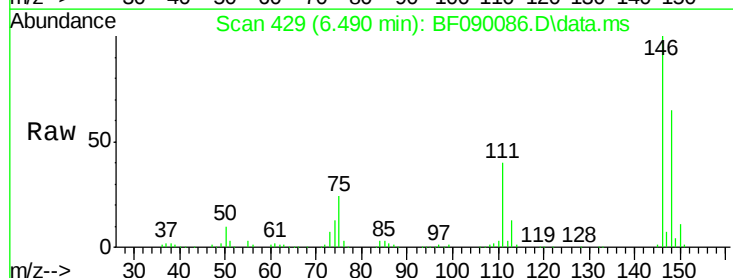
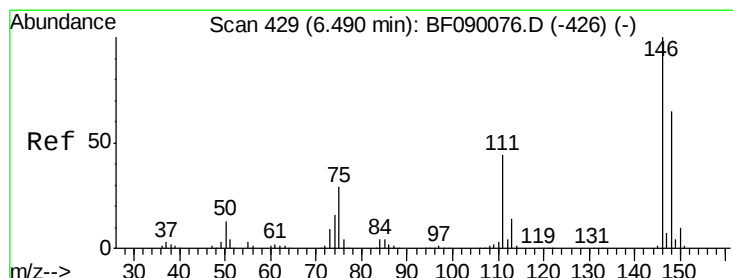
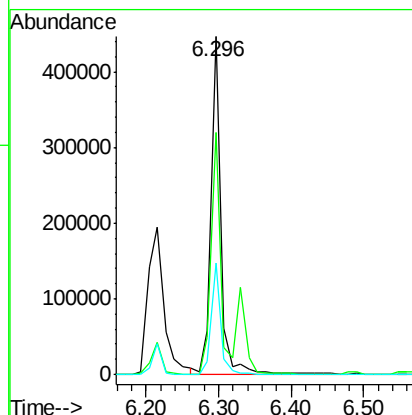
Tot Ion: 93 Resp: 416586

Ion Ratio Lower Upper

93 100

63 71.7 55.6 95.6

95 33.1 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 41.94 ng

RT: 6.490 min Scan# 429

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

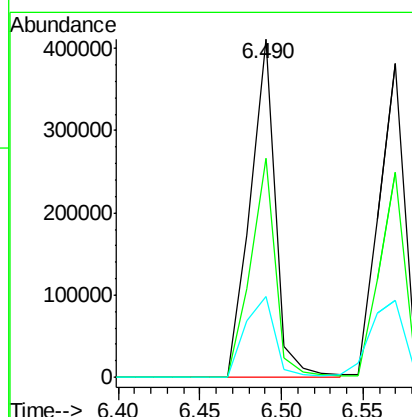
Tgt Ion: 146 Resp: 439616

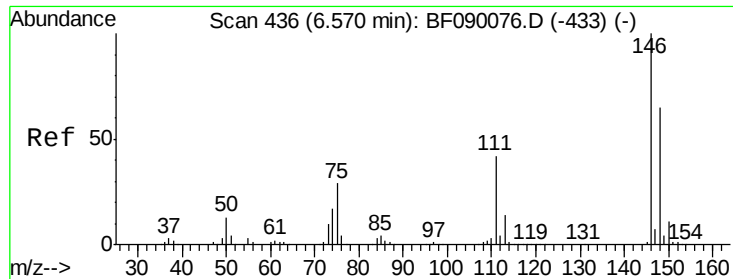
Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

75 23.9 22.8 34.2

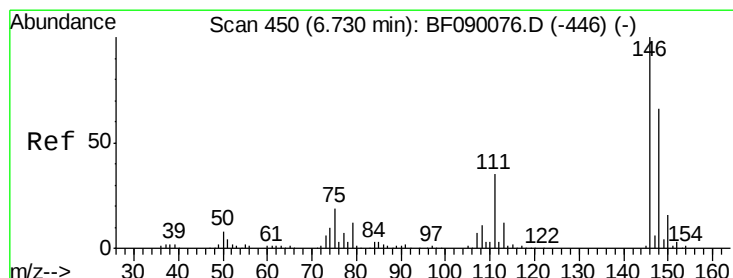
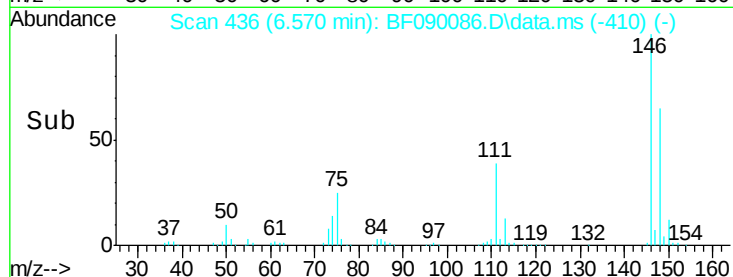
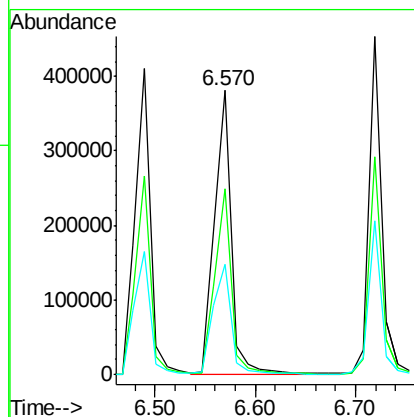
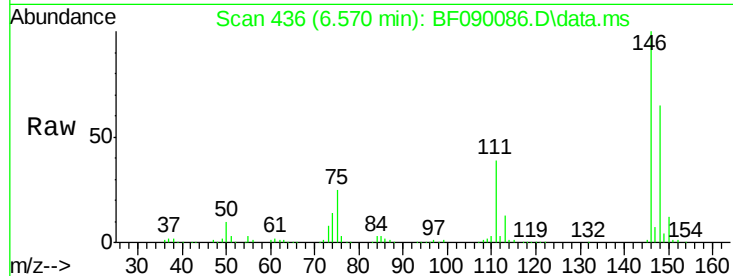




#13
 1,4-Dichlorobenzene
 Concen: 41.03 ng
 RT: 6.570 min Scan# 436
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

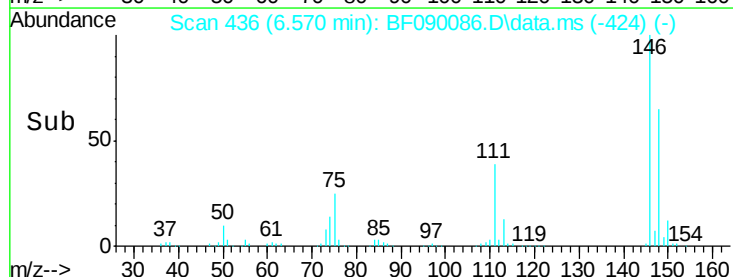
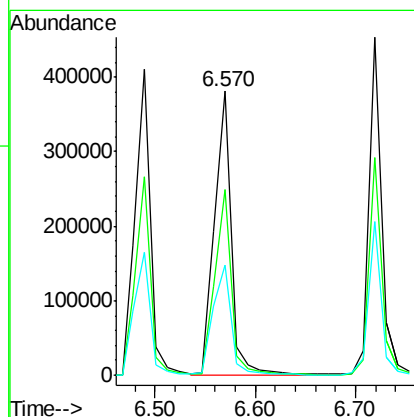
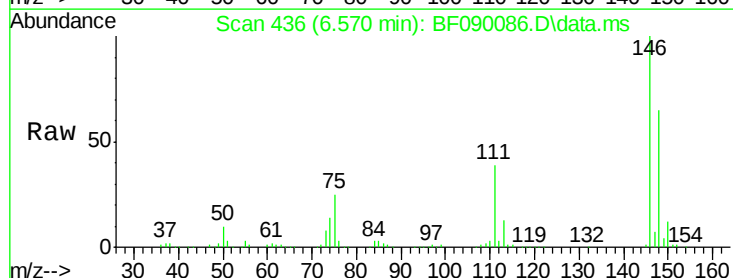
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

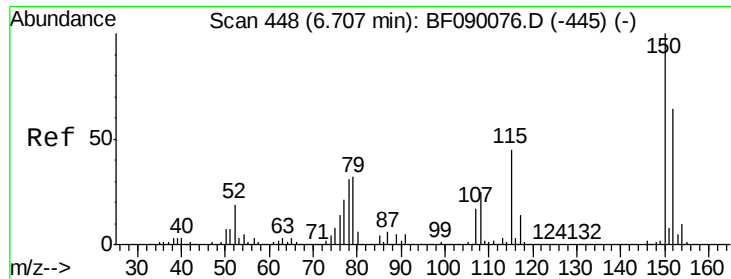
Tot Ion:146 Resp: 443978
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.0 78.0
 111 38.6 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 45.53 ng
 RT: 6.570 min Scan# 436
 Delta R.T. -0.160 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion:146 Resp: 447691
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.6 79.0
 111 38.6 28.2 42.2

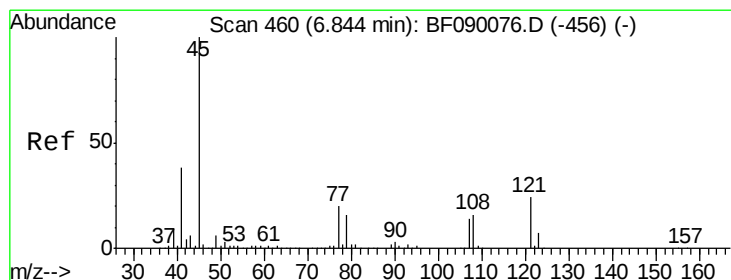
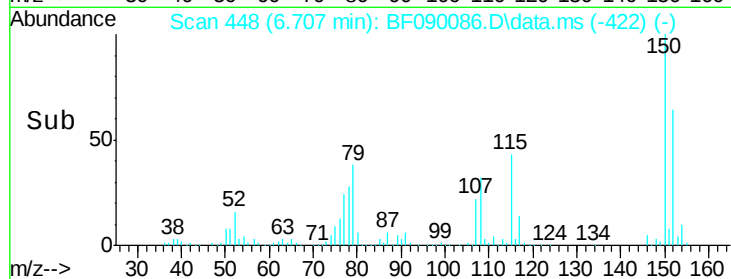
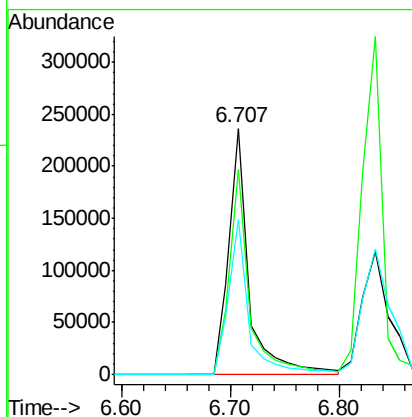
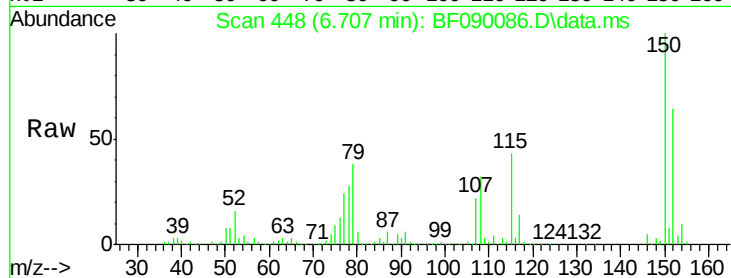




#15
Benzyl Alcohol
Concen: 46.83 ng
RT: 6.707 min Scan# 448
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

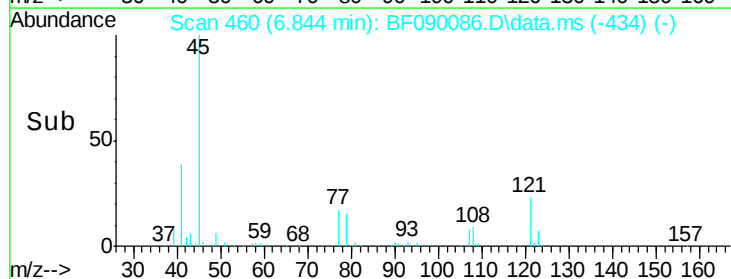
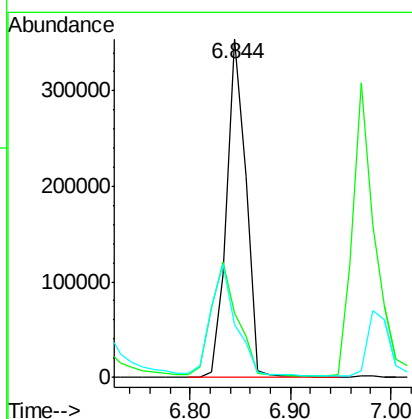
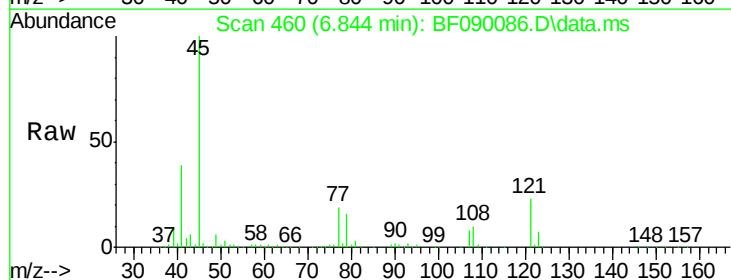
Instrument :
BNA_F
ClientSampleId :
PB93381BS

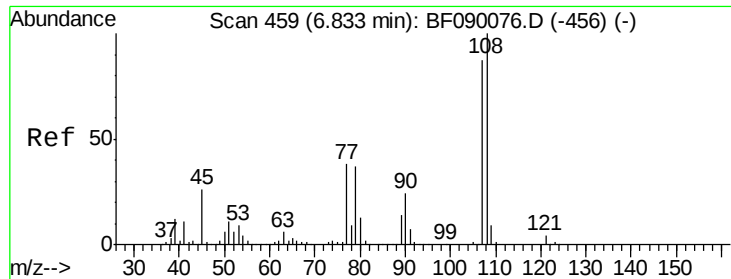
Tot Ion: 79 Resp: 305343
Ion Ratio Lower Upper
79 100
108 83.5 62.2 93.4
77 62.8 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.55 ng
RT: 6.844 min Scan# 460
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion: 45 Resp: 476128
Ion Ratio Lower Upper
45 100
77 18.9 0.5 40.5
79 15.7 0.0 37.0

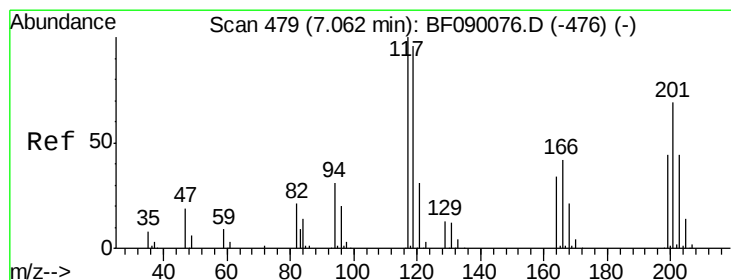
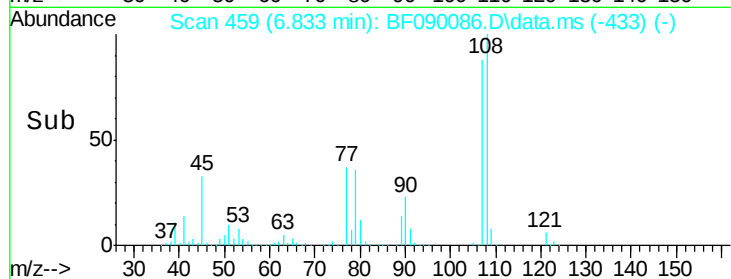
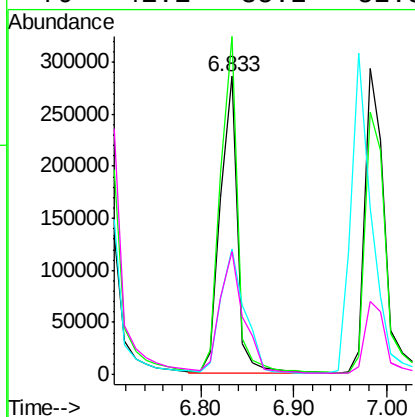
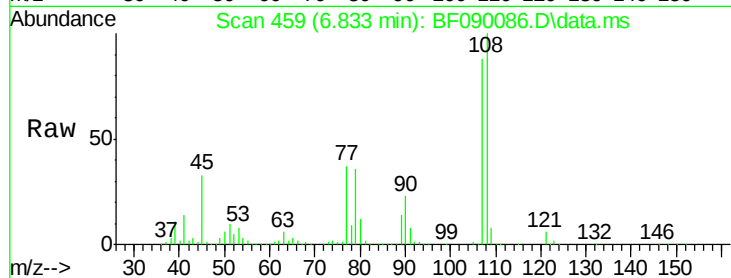




#17
2-Methylphenol
Concen: 43.31 ng
RT: 6.833 min Scan# 45
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

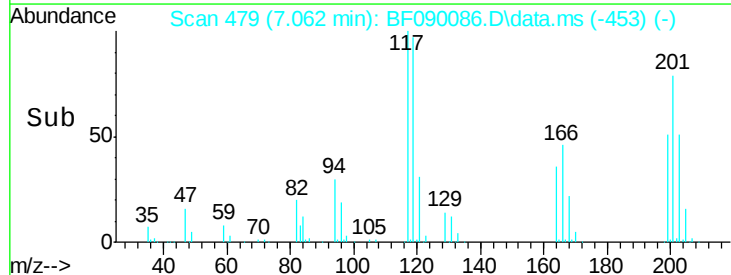
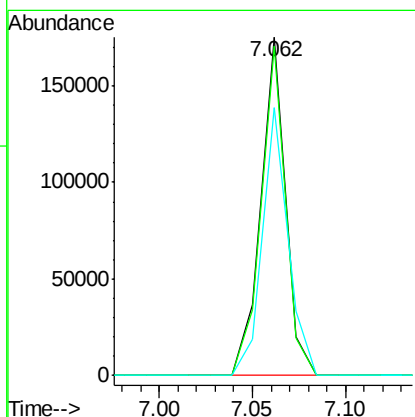
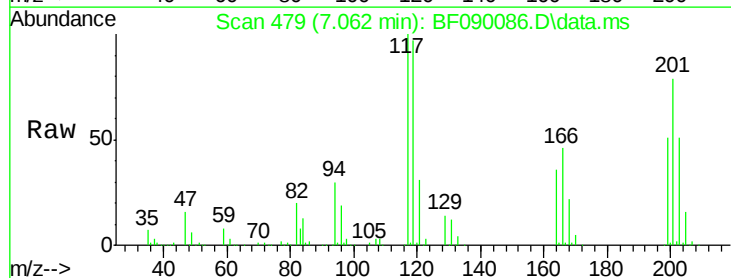
Instrument :
BNA_F
ClientSampleId :
PB93381BS

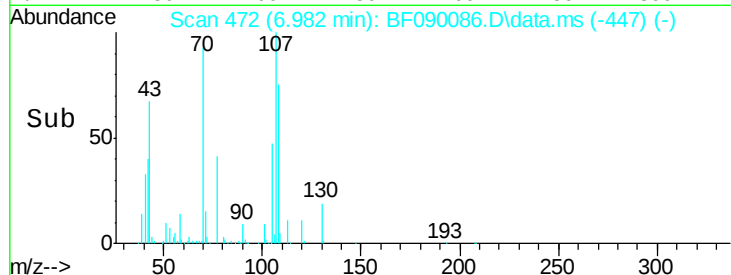
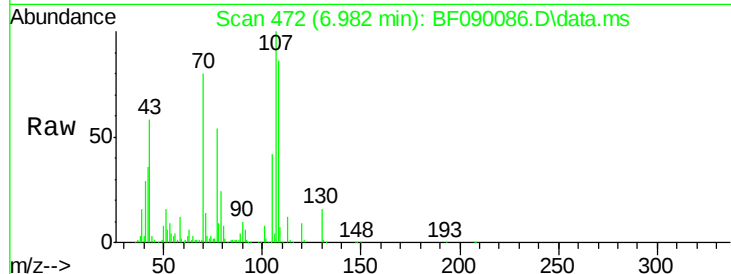
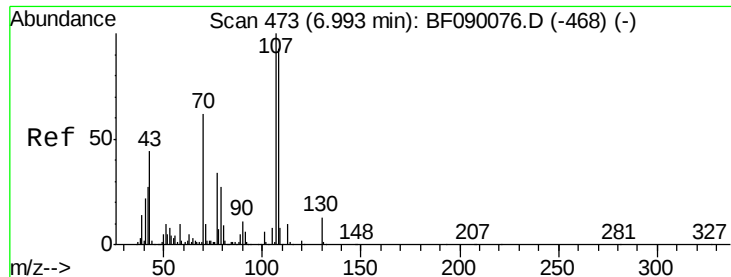
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	92.0	138.0
77	42.1	35.6	53.4
79	41.1	35.2	52.8



#18
Hexachloroethane
Concen: 40.56 ng
RT: 7.062 min Scan# 479
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.6	115.0
201	79.0	55.5	83.3

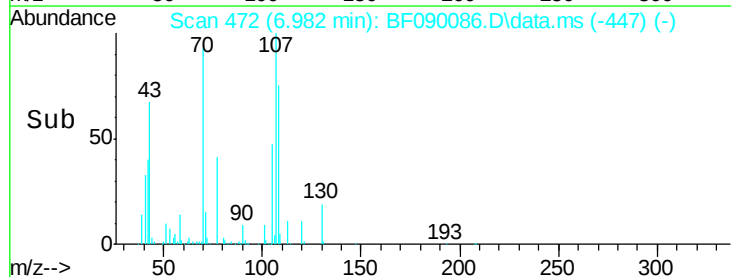
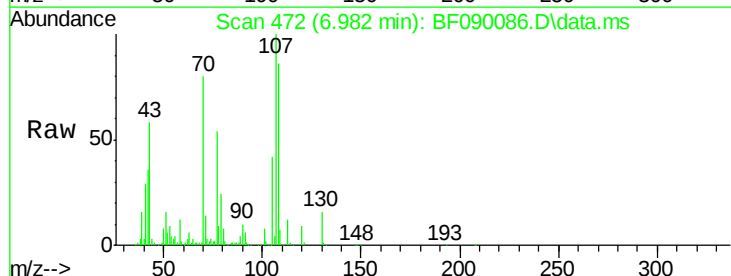
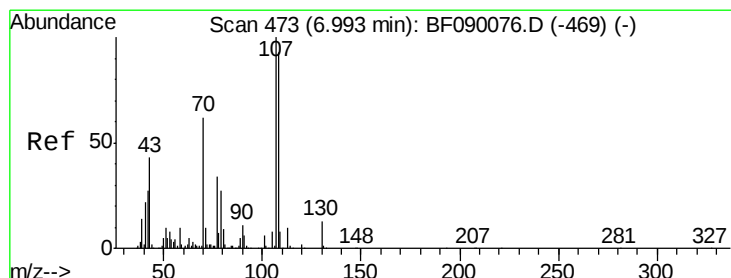
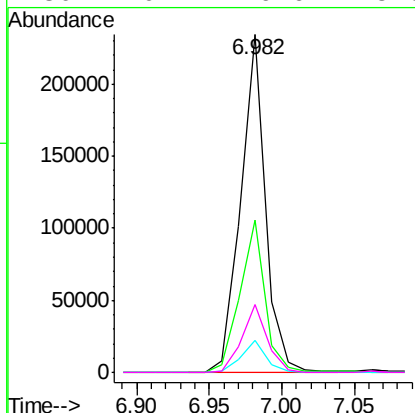




#19
n-Nitroso-di-n-propylamine
Concen: 38.42 ng
RT: 6.982 min Scan# 472
Delta R.T. -0.011 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

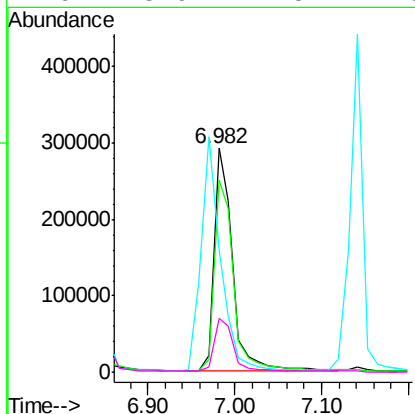
Instrument :
BNA_F
ClientSampleId :
PB93381BS

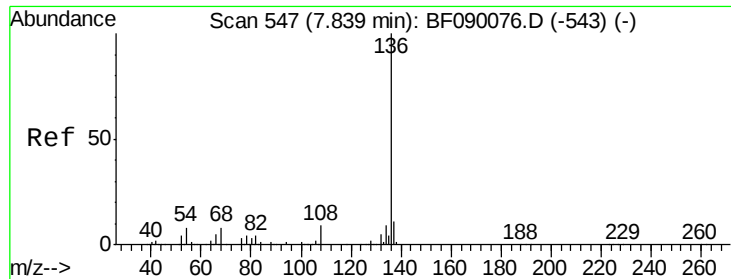
Tot Ion:	70	Resp:	276407
Ion	Ratio	Lower	Upper
70	100		
42	45.1	35.1	52.7
101	9.6	7.5	11.3
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 44.91 ng
RT: 6.982 min Scan# 472
Delta R.T. -0.011 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion:	107	Resp:	438067
Ion	Ratio	Lower	Upper
107	100		
108	85.8	73.3	113.3
77	54.4	14.1	54.1#
79	23.9	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: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

Tot Ion:136 Resp: 583740

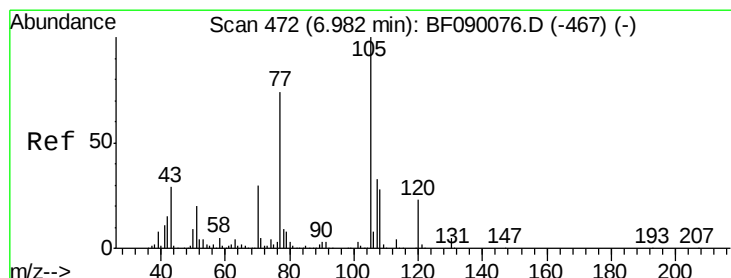
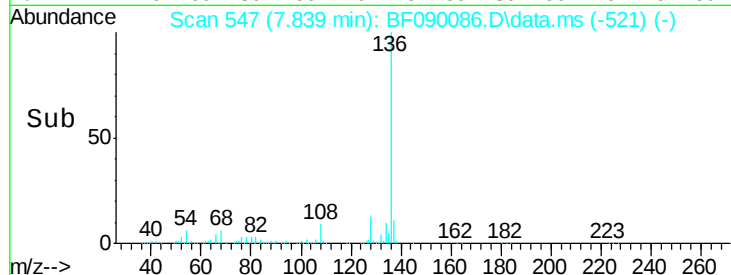
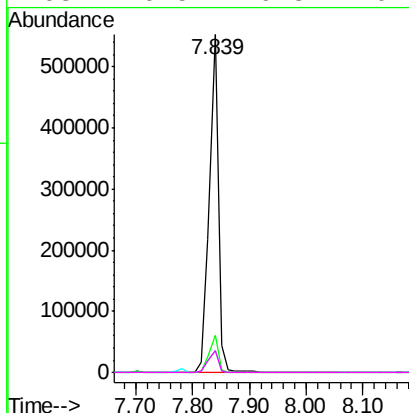
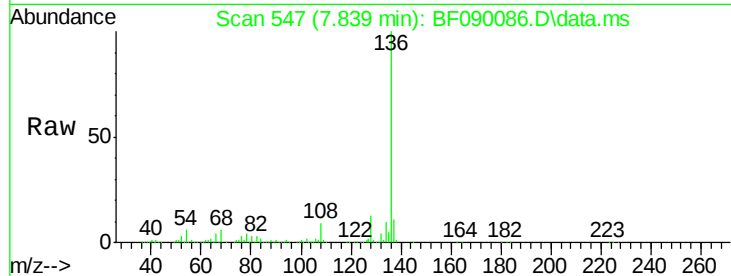
Ion Ratio Lower Upper

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: 36.64 ng

RT: 6.970 min Scan# 471

Delta R.T. -0.011 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Tgt Ion:105 Resp: 517786

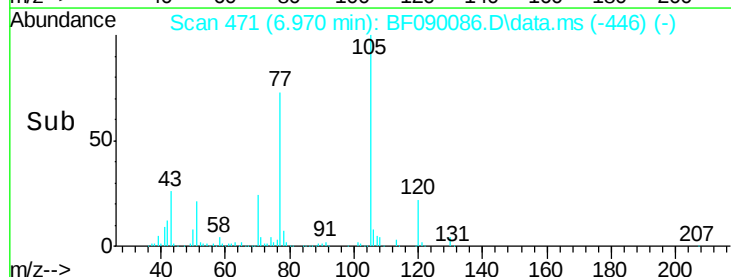
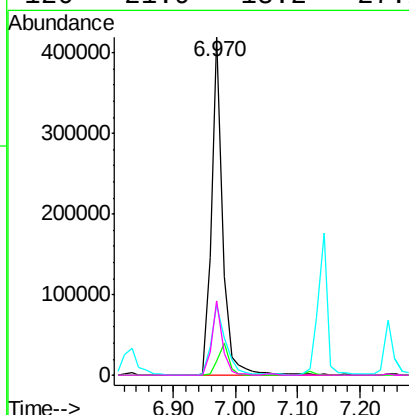
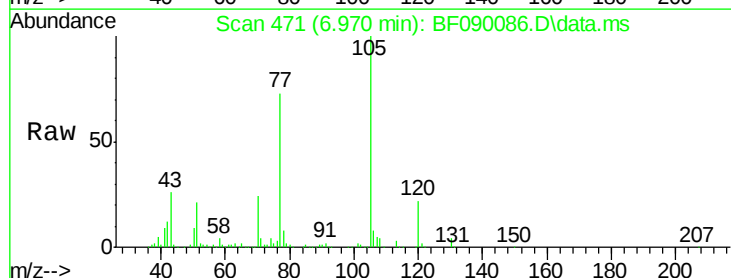
Ion Ratio Lower Upper

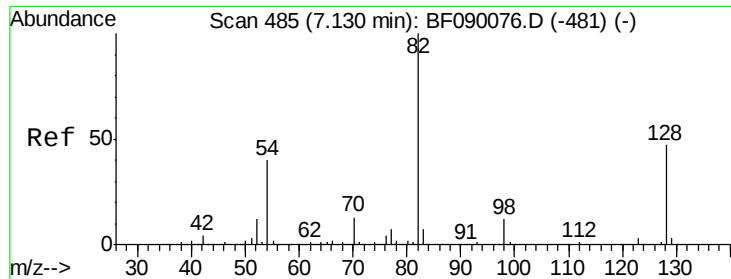
105 100

71 4.1 4.1 6.1#

51 20.7 16.2 24.2

120 21.9 18.2 27.2

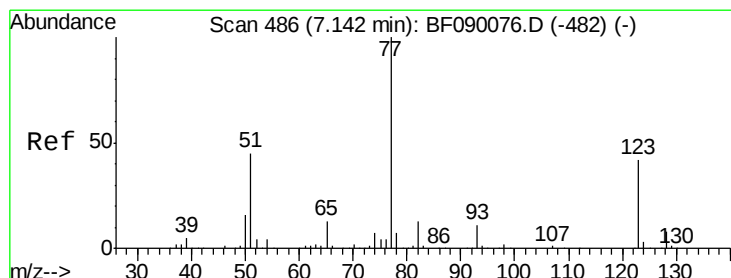
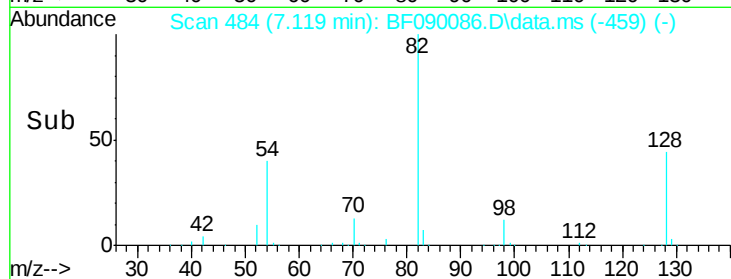
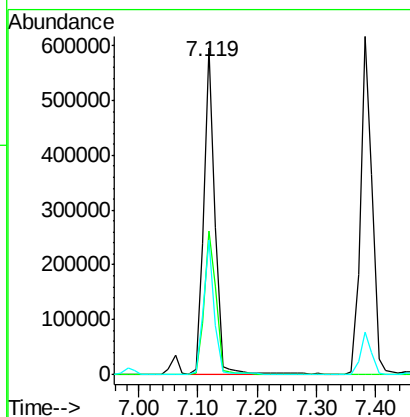
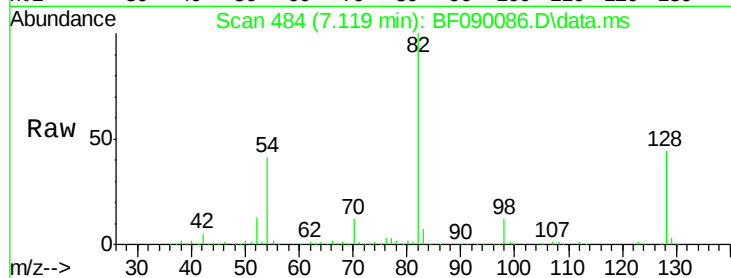




#23
Nitrobenzene-d5
Concen: 77.54 ng
RT: 7.119 min Scan# 48
Delta R.T. -0.011 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

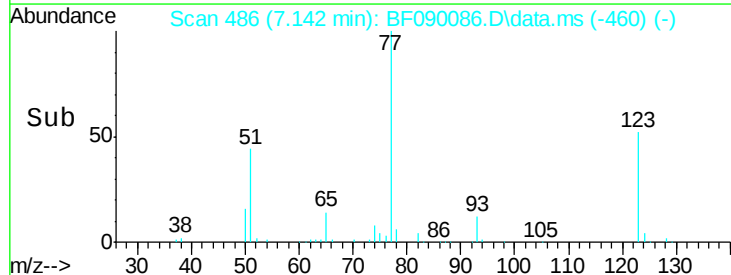
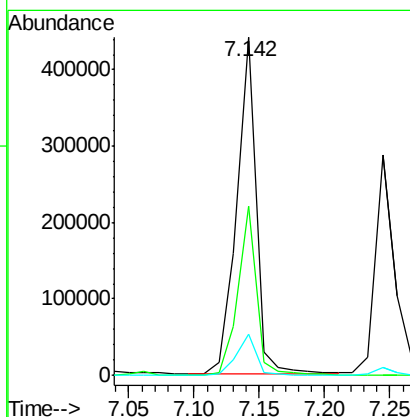
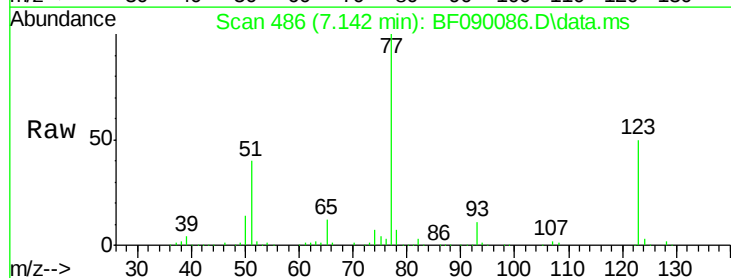
Instrument :
BNA_F
ClientSampleId :
PB93381BS

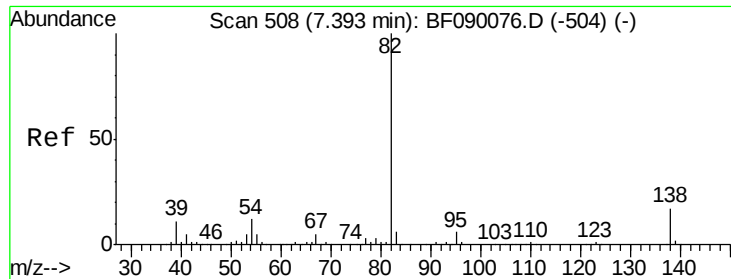
Tot Ion	82	Resp	805070
Ion Ratio	100	Lower	Upper
128	43.9	37.5	56.3
54	41.2	31.9	47.9



#24
Nitrobenzene
Concen: 41.08 ng
RT: 7.142 min Scan# 486
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	77	Resp	449217
Ion Ratio	100	Lower	Upper
123	49.9	33.4	50.2
65	12.1	10.1	15.1





#25

Isophorone

Concen: 37.94 ng

RT: 7.382 min Scan# 50

Delta R.T. -0.011 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

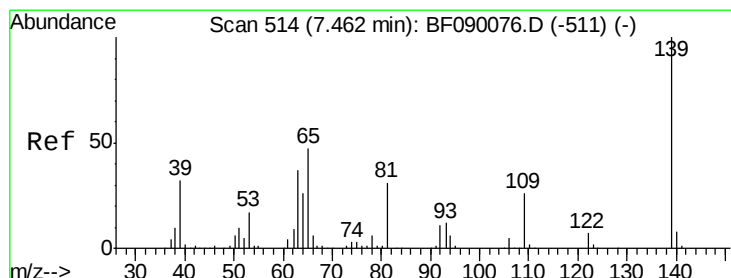
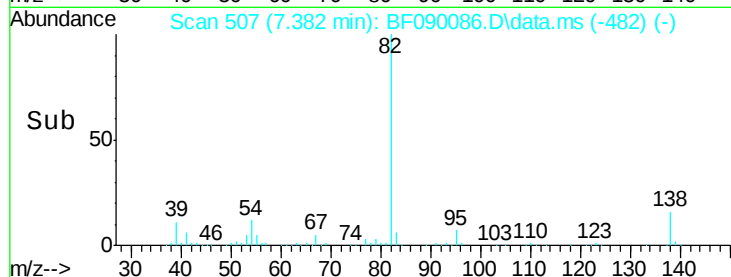
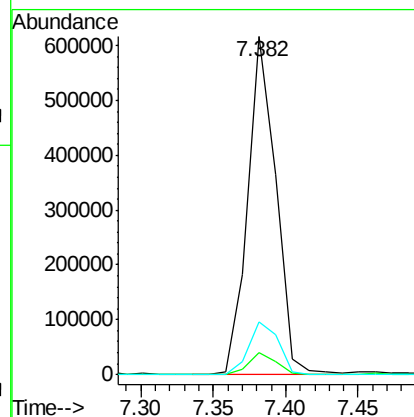
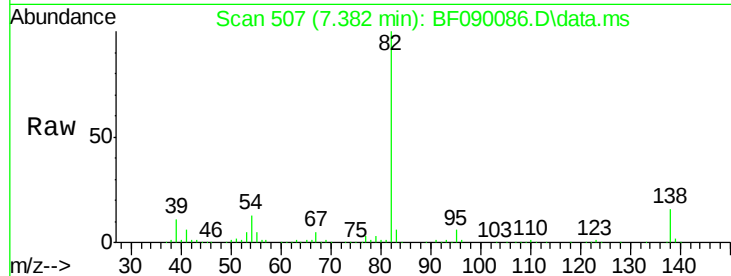
Tot Ion: 82 Resp: 824877

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

138 15.6 13.5 20.3



#26

2-Nitrophenol

Concen: 43.62 ng

RT: 7.462 min Scan# 514

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

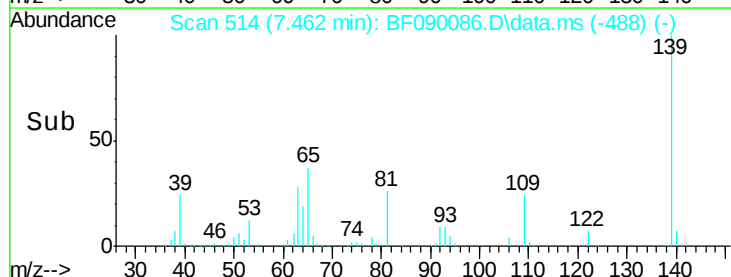
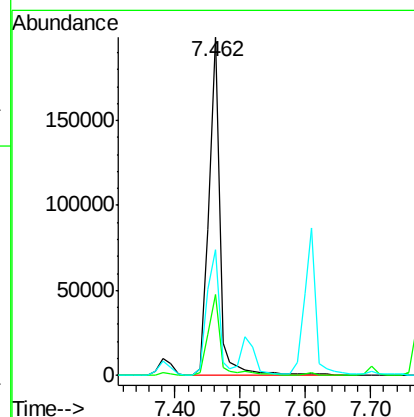
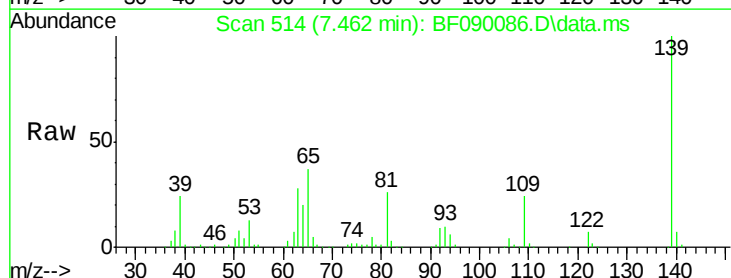
Tgt Ion: 139 Resp: 231283

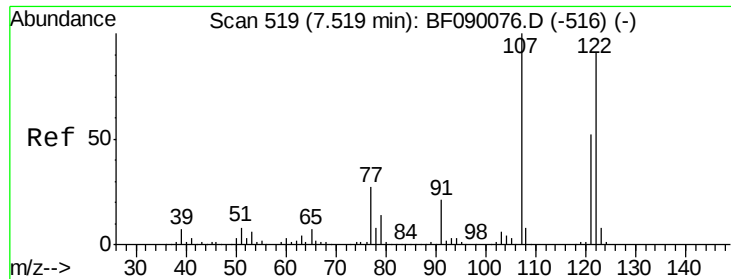
Ion Ratio Lower Upper

139 100

109 23.8 20.5 30.7

65 37.3 37.9 56.9#





#27

2,4-Dimethylphenol

Concen: 40.65 ng

RT: 7.519 min Scan# 519

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

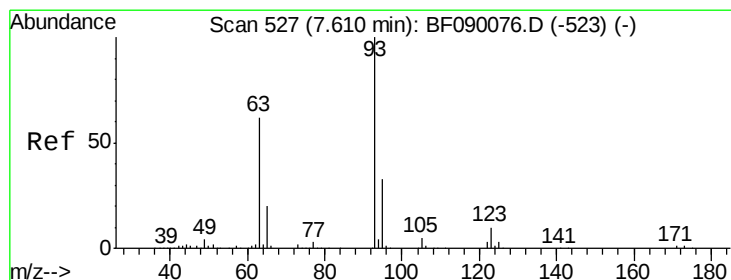
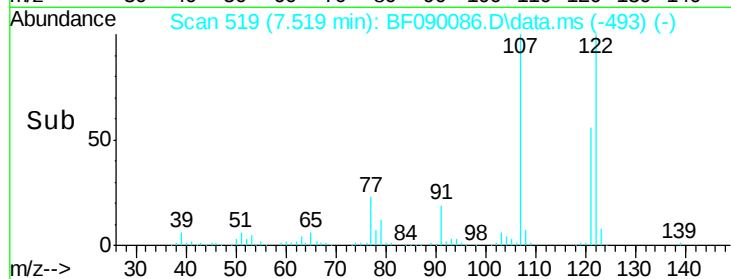
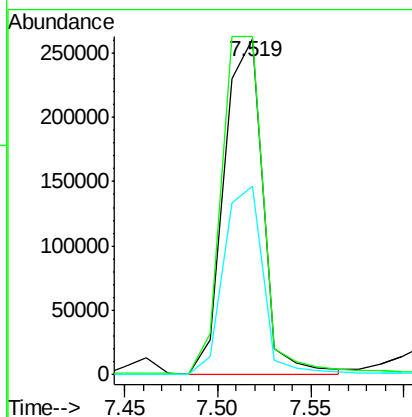
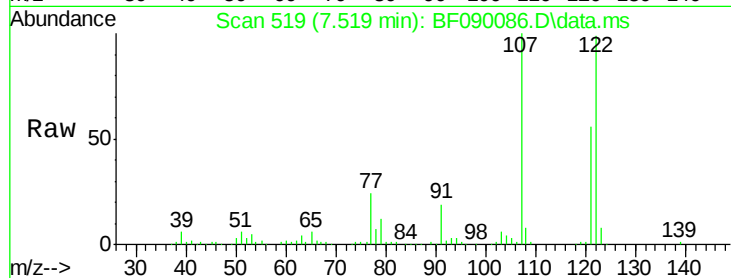
Tot Ion:122 Resp: 379250

Ion Ratio Lower Upper

122 100

107 100.5 87.8 131.6

121 56.2 45.7 68.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.99 ng

RT: 7.610 min Scan# 527

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

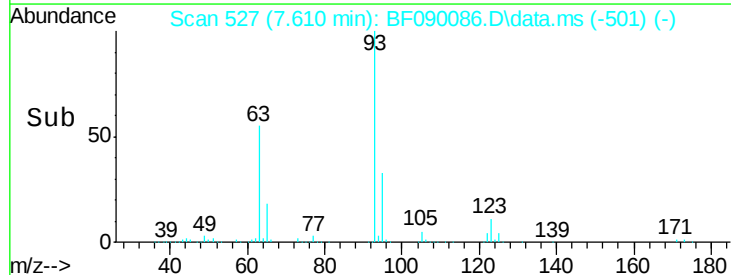
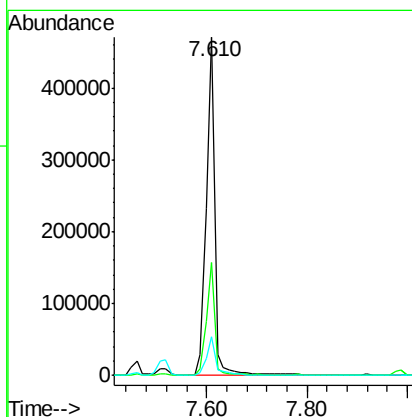
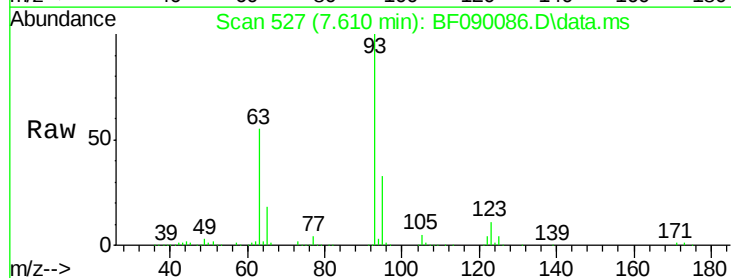
Tgt Ion: 93 Resp: 548172

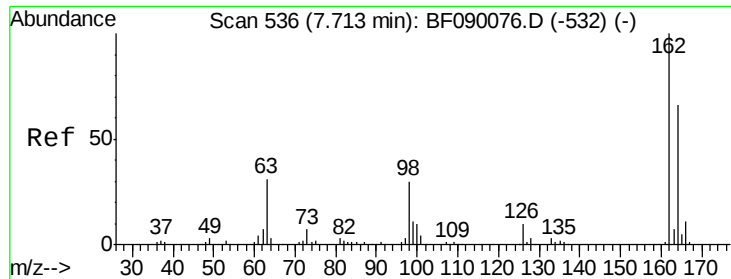
Ion Ratio Lower Upper

93 100

95 33.4 26.8 40.2

123 11.4 8.5 12.7

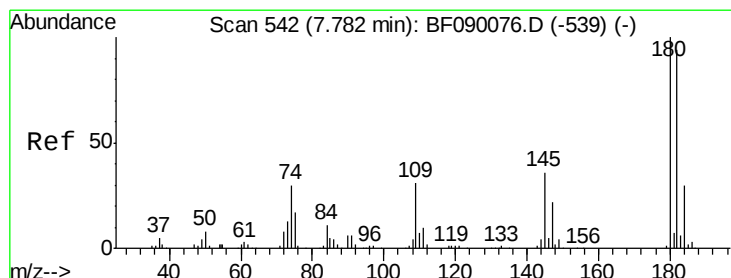
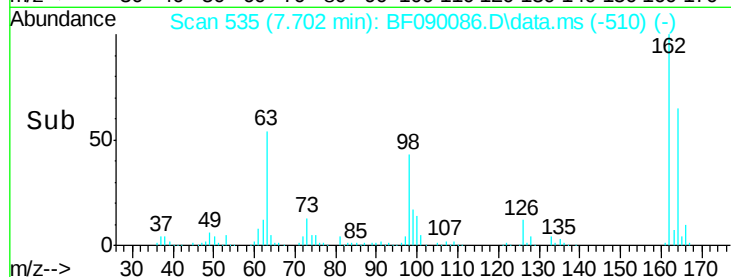
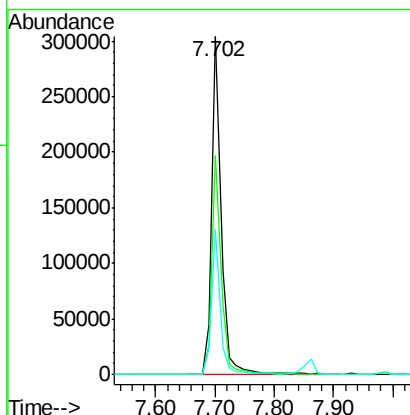
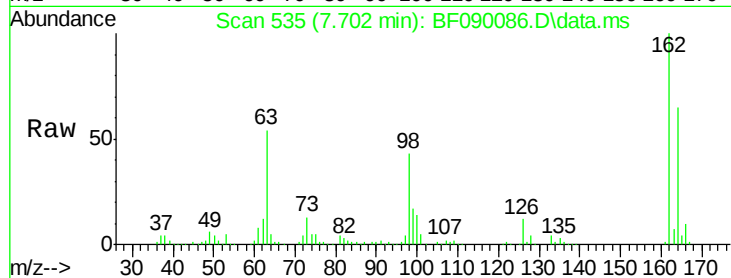




#29
 2,4-Dichlorophenol
 Concen: 40.79 ng
 RT: 7.702 min Scan# 53
 Delta R.T. -0.011 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

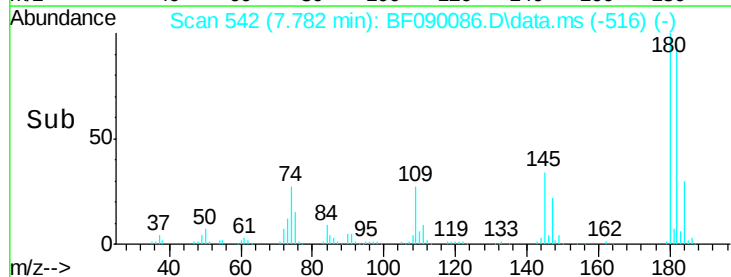
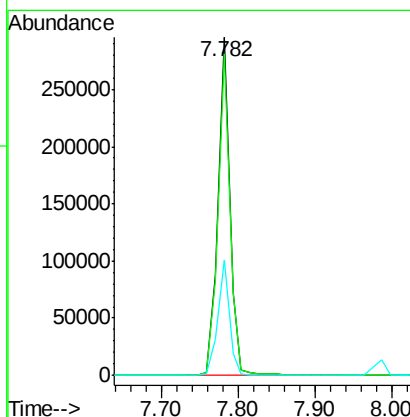
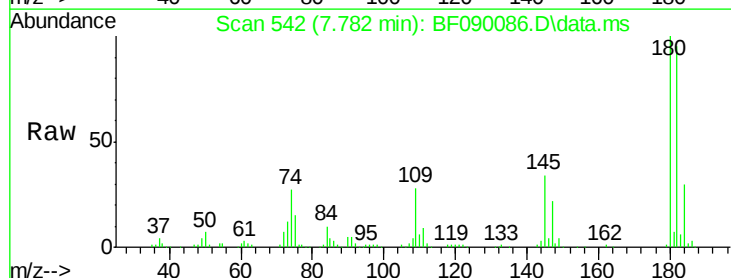
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

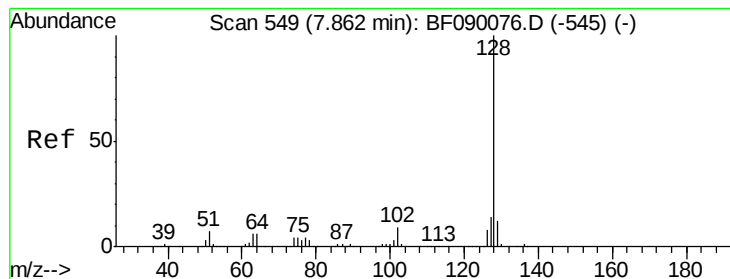
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.2	86.2
98	42.8	10.4	50.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.66 ng
 RT: 7.782 min Scan# 542
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.0	112.6
145	34.2	28.6	42.8





#31

Naphthalene

Concen: 44.09 ng

RT: 7.862 min Scan# 54

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

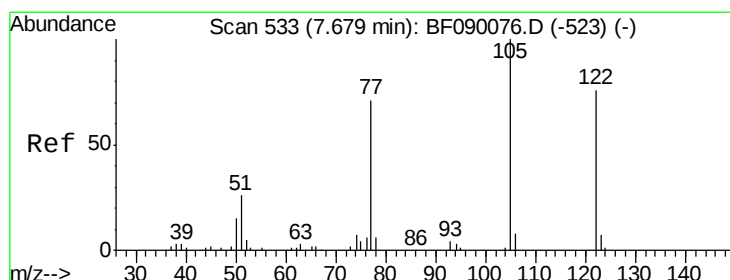
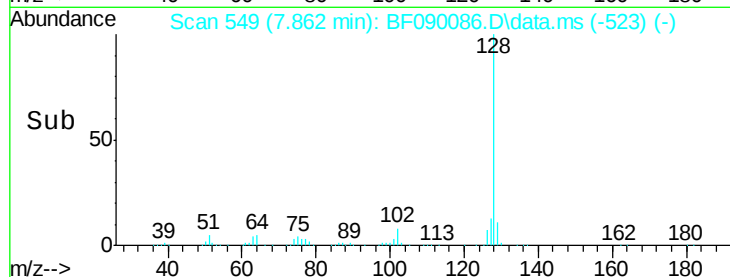
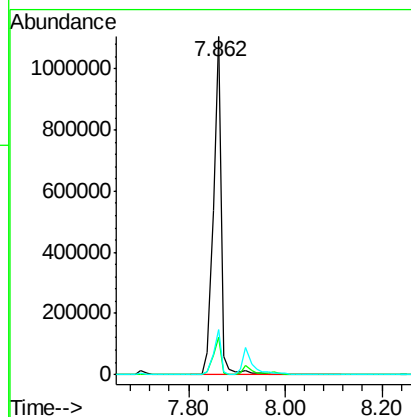
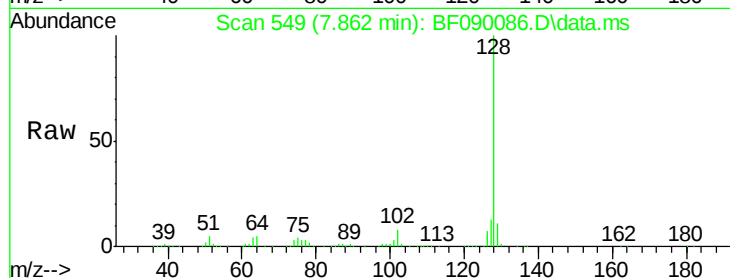
Tot Ion:128 Resp: 1265066

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 16.78 ng

RT: 7.633 min Scan# 529

Delta R.T. -0.045 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

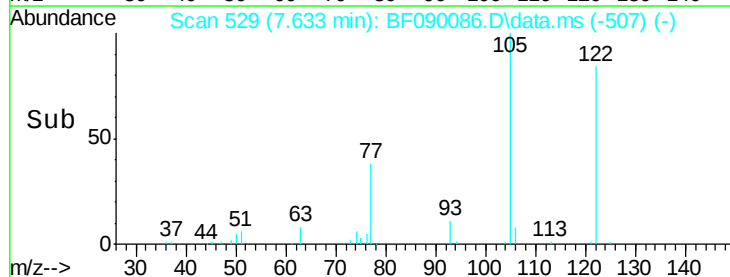
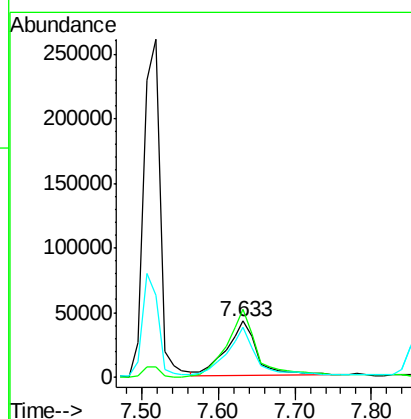
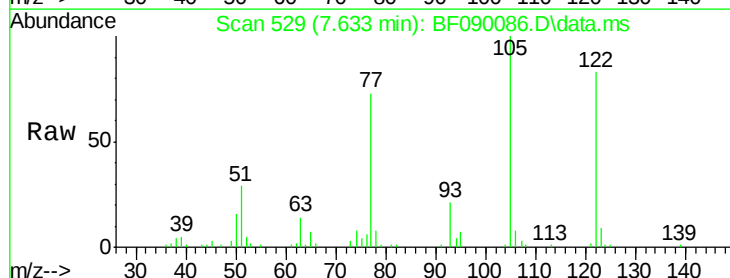
Tgt Ion:122 Resp: 119974

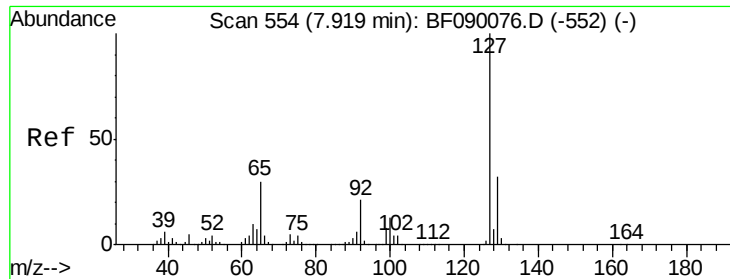
Ion Ratio Lower Upper

122 100

105 120.6 105.0 145.0

77 88.3 70.4 110.4





#33

4-Chloroaniline

Concen: 11.01 ng

RT: 7.919 min Scan# 55

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

Tot Ion:127 Resp: 134444

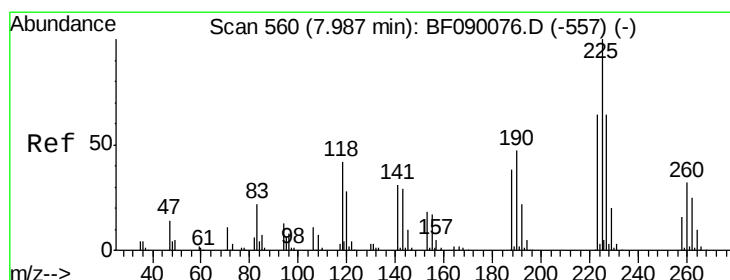
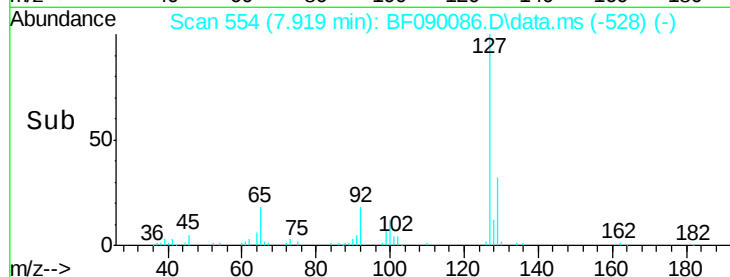
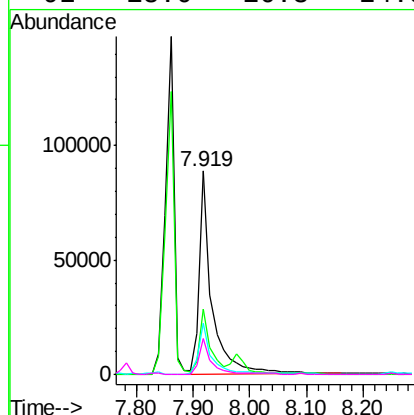
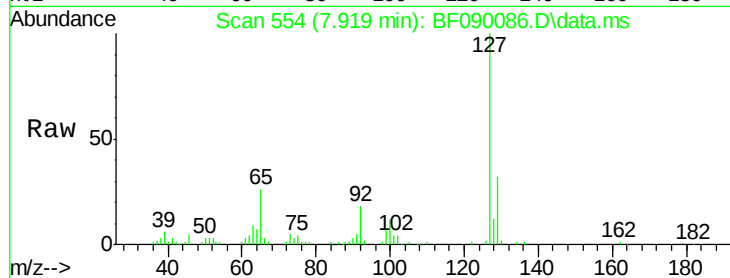
Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.6

65 25.6 24.1 36.1

92 18.0 16.3 24.5



#34

Hexachlorobutadiene

Concen: 41.33 ng

RT: 7.987 min Scan# 560

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

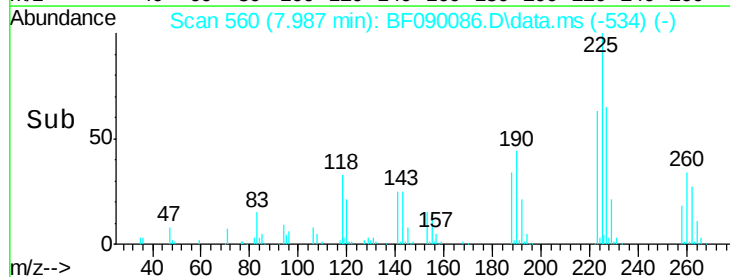
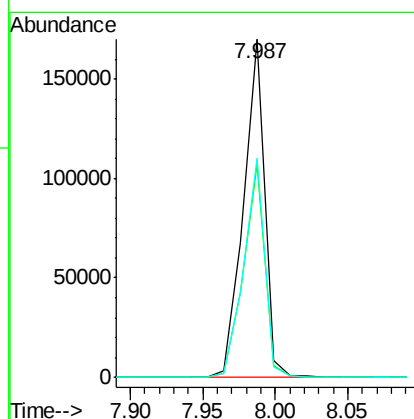
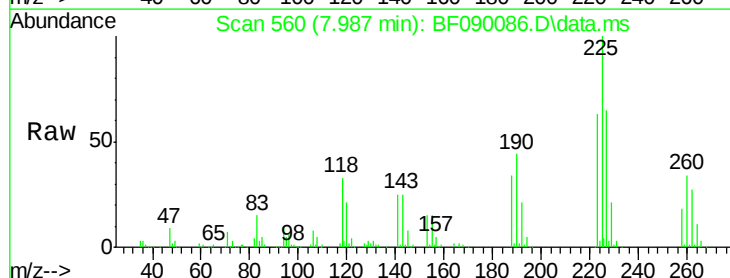
Tgt Ion:225 Resp: 172053

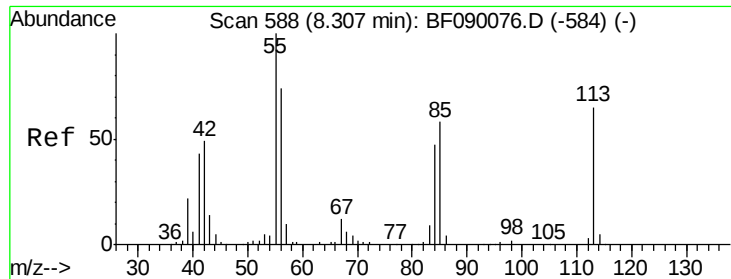
Ion Ratio Lower Upper

225 100

223 63.0 51.3 76.9

227 64.7 51.4 77.0





#35

Caprolactam

Concen: 25.09 ng

RT: 8.285 min Scan# 58

Delta R.T. -0.023 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

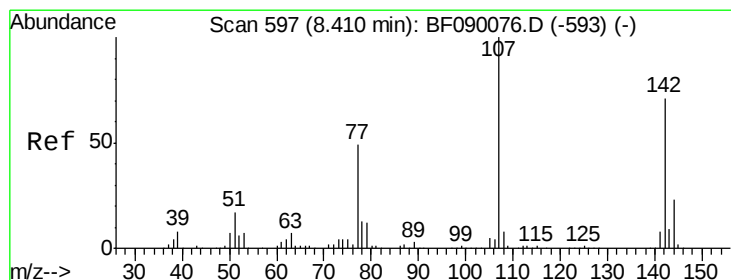
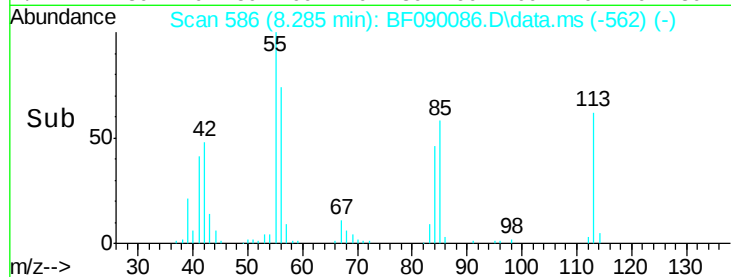
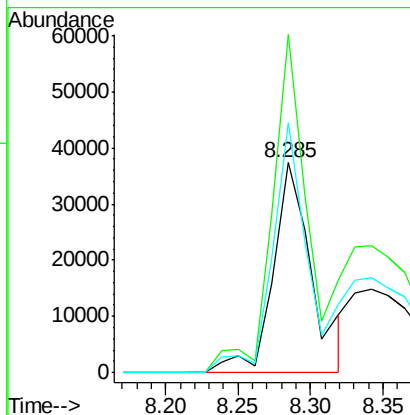
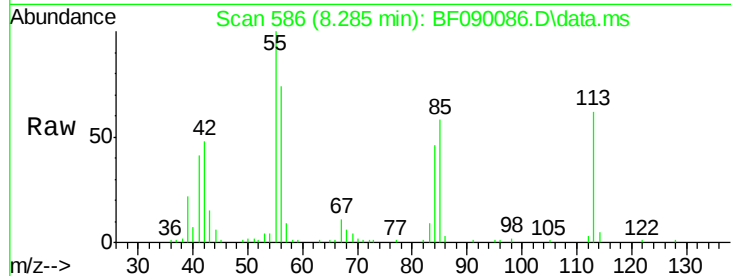
Tot Ion:113 Resp: 69048

Ion Ratio Lower Upper

113 100

55 161.3 134.5 174.5

56 119.1 93.7 133.7



#36

4-Chloro-3-methylphenol

Concen: 38.70 ng

RT: 8.410 min Scan# 597

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

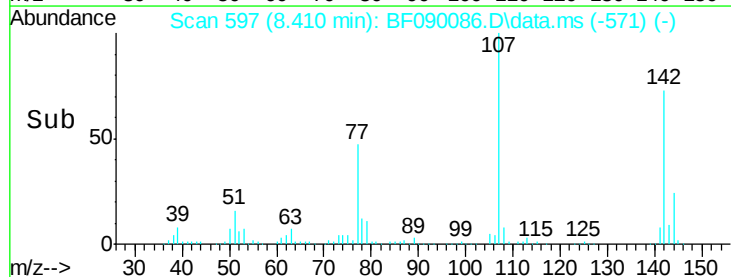
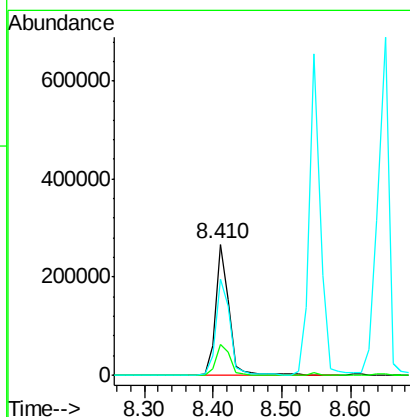
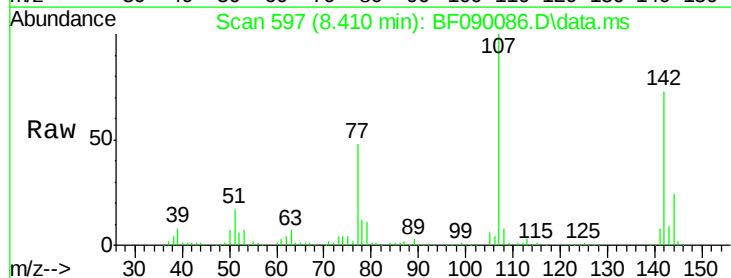
Tgt Ion:107 Resp: 370272

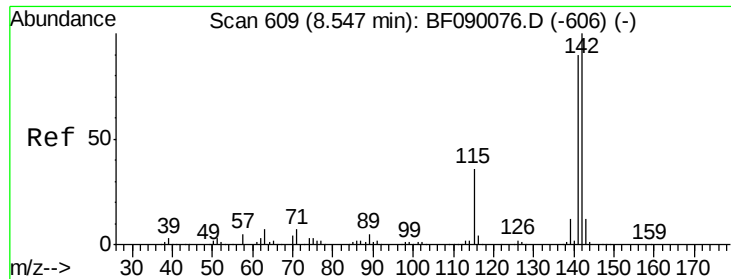
Ion Ratio Lower Upper

107 100

144 23.5 18.6 27.8

142 73.4 57.0 85.6

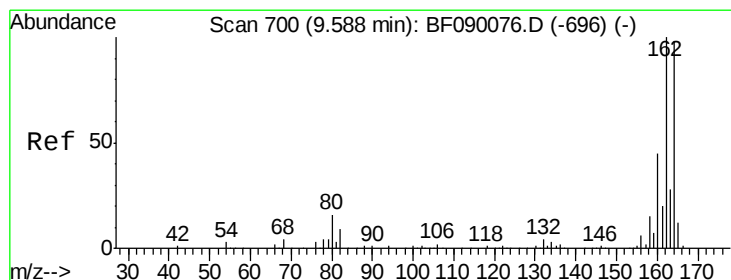
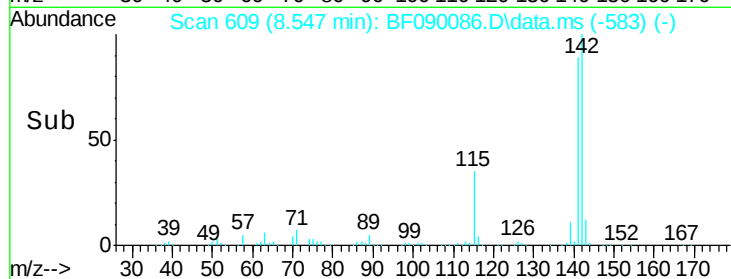
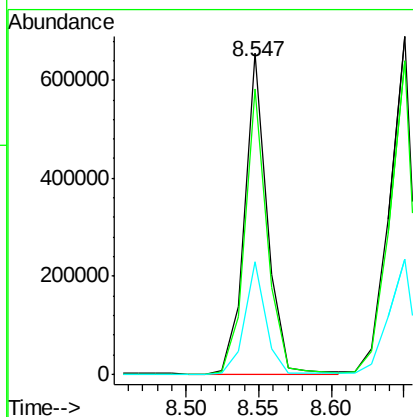
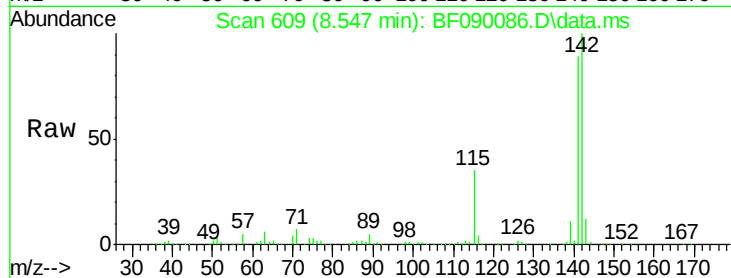




#37
 2-Methylnaphthalene
 Concen: 39.73 ng
 RT: 8.547 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

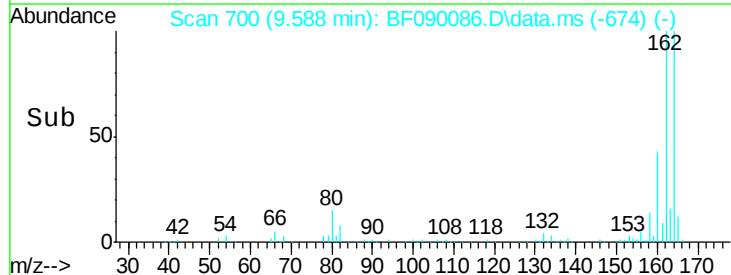
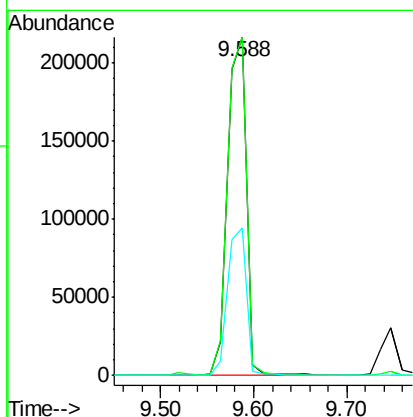
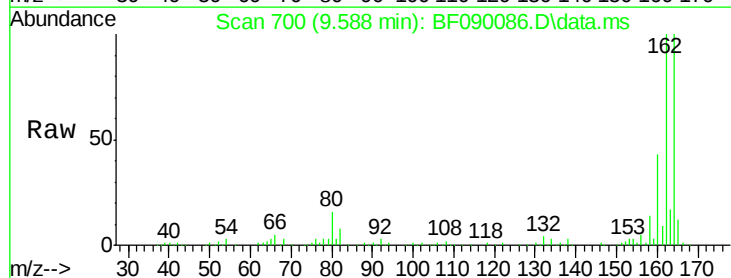
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

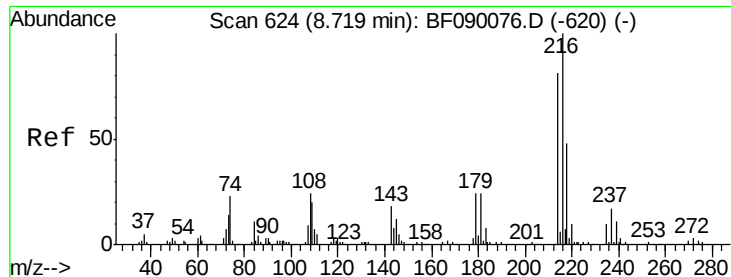
Tot Ion:142	Resp:	707105
Ion Ratio	Lower	Upper
142	100	
141	88.9	71.4 107.2
115	35.3	28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.588 min Scan# 700
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion:164	Resp:	306273
Ion Ratio	Lower	Upper
164	100	
162	99.9	81.4 122.2
160	43.5	36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.94 ng

RT: 8.719 min Scan# 62

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

Tot Ion:216 Resp: 267267

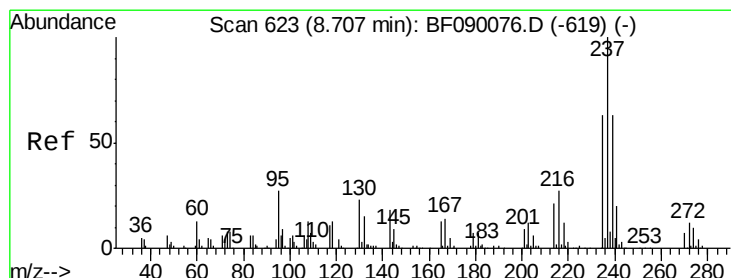
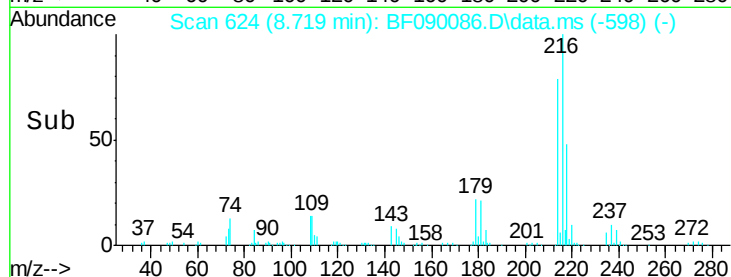
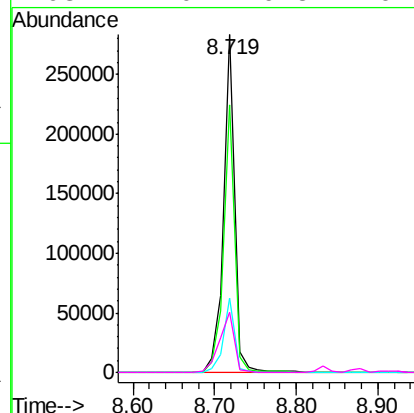
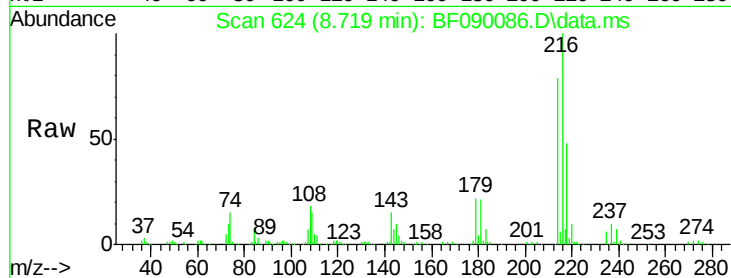
Ion Ratio Lower Upper

216 100

214 78.6 63.7 95.5

179 22.1 18.5 27.7

108 24.0 19.5 29.3



#40

Hexachlorocyclopentadiene

Concen: 71.00 ng

RT: 8.707 min Scan# 623

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

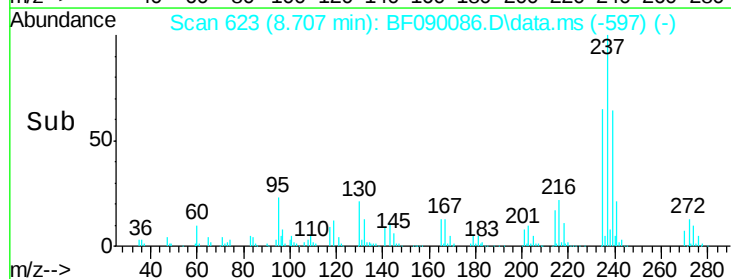
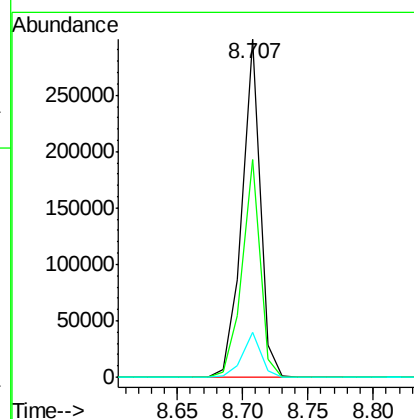
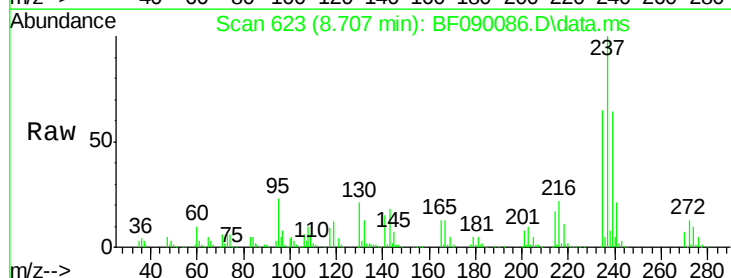
Tgt Ion:237 Resp: 290589

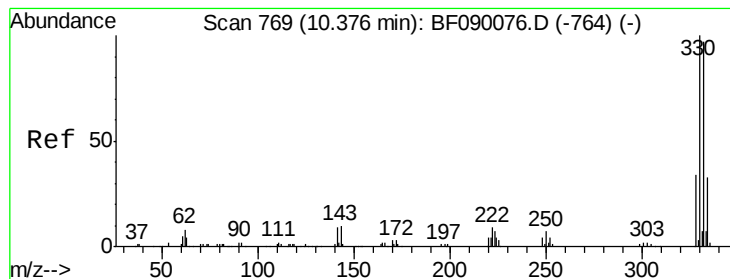
Ion Ratio Lower Upper

237 100

235 64.5 42.5 82.5

272 13.2 0.0 32.0





#41

2,4,6-Tribromophenol

Concen: 97.03 ng

RT: 10.365 min Scan# 769

Delta R.T. -0.011 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

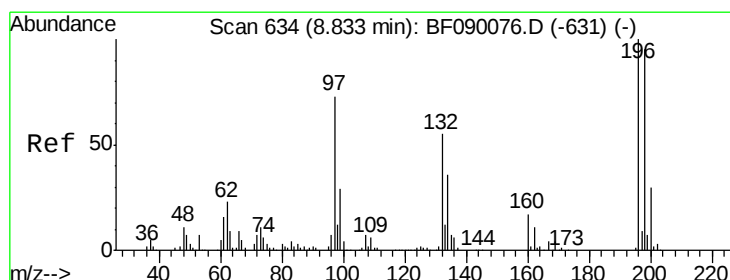
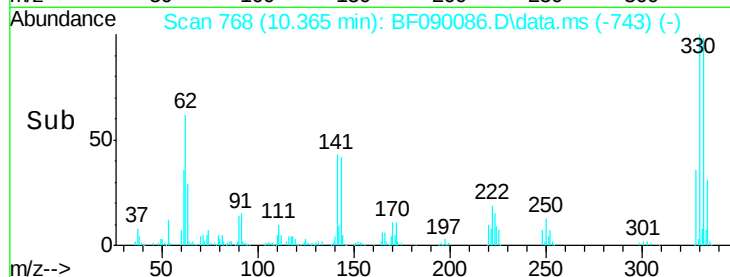
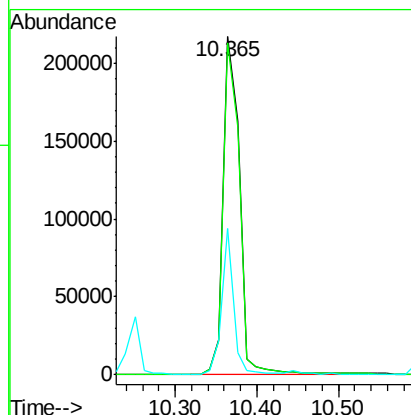
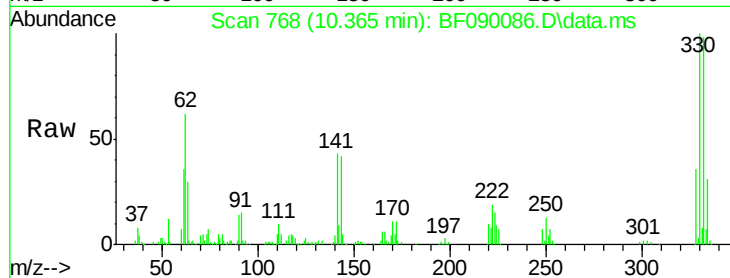
Tot Ion:330 Resp: 298513

Ion Ratio Lower Upper

330 100

332 98.6 78.1 117.1

141 32.1 23.9 35.9



#42

2,4,6-Trichlorophenol

Concen: 38.57 ng

RT: 8.833 min Scan# 634

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

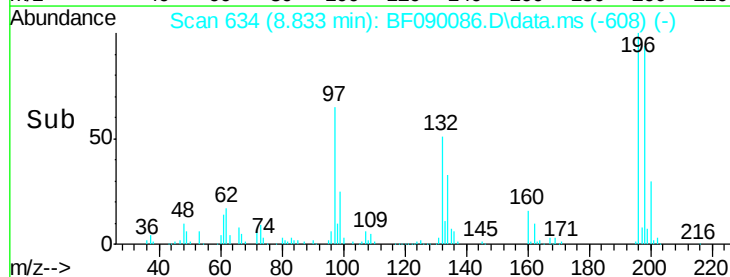
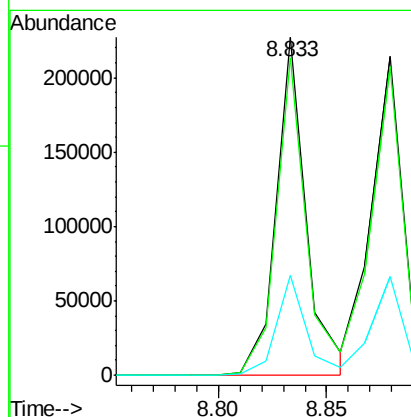
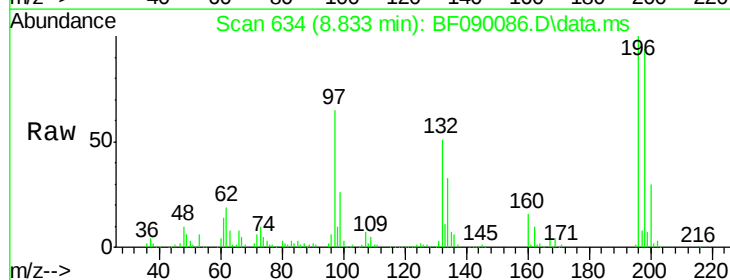
Tgt Ion:196 Resp: 220179

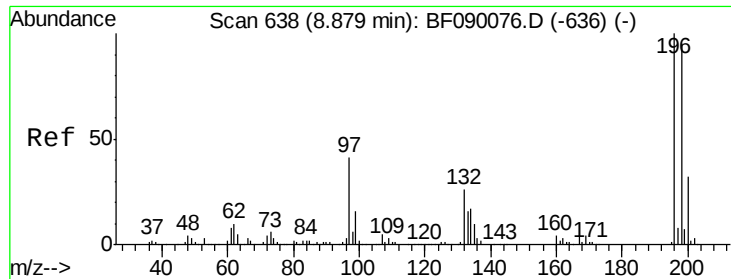
Ion Ratio Lower Upper

196 100

198 93.8 76.3 114.5

200 29.7 24.1 36.1

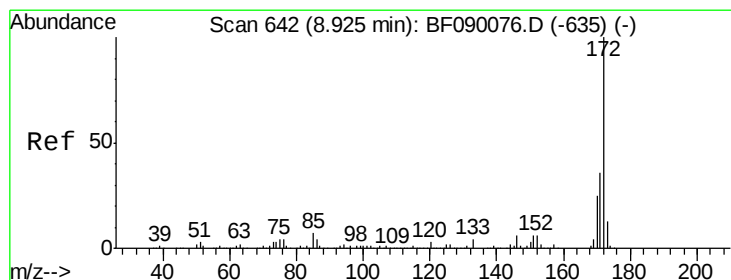
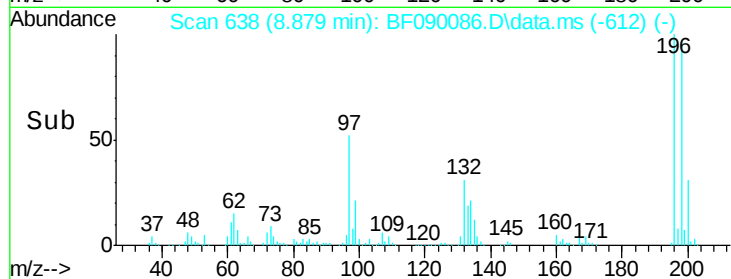
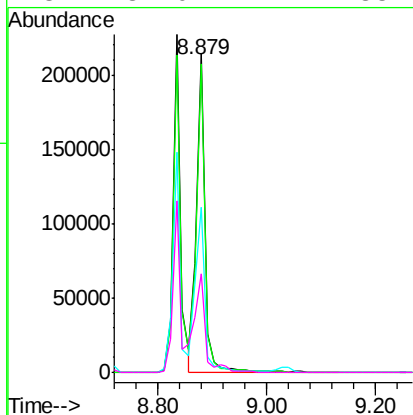
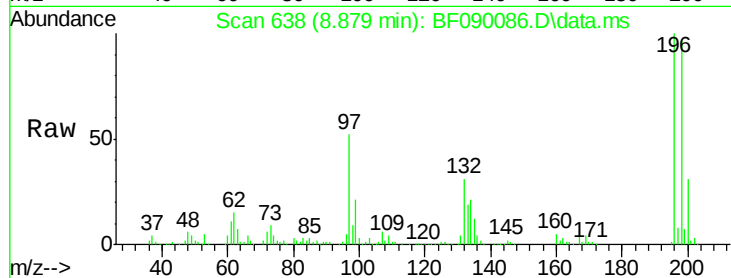




#43
 2,4,5-Trichlorophenol
 Concen: 37.59 ng
 RT: 8.879 min Scan# 638
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

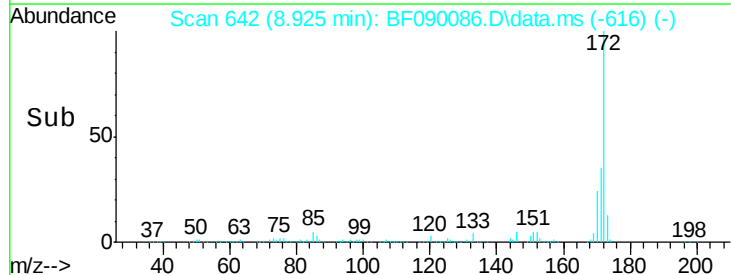
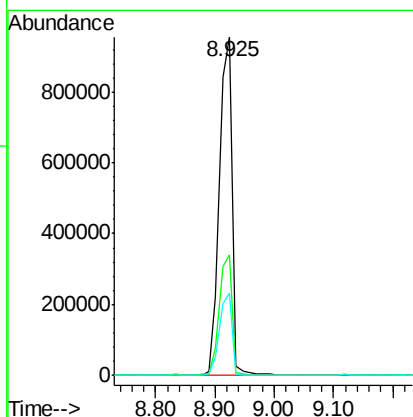
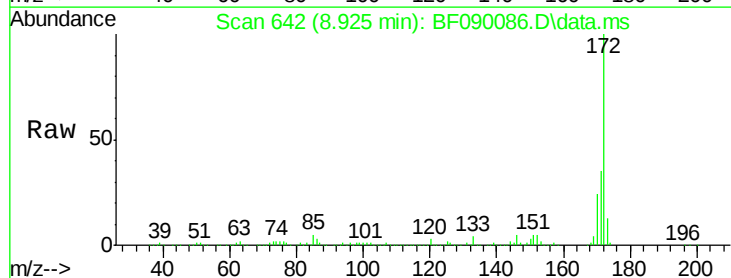
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

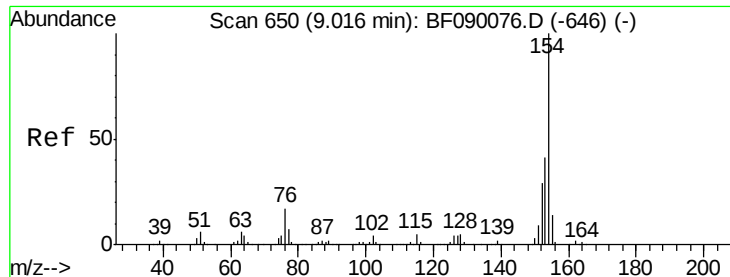
Tot Ion	Ratio	Resp	Lower	Upper
196	100	230805		
198	96.8		76.6	114.8
97	51.9		34.4	51.6
132	31.0		22.2	33.2



#44
 2-Fluorobiphenyl
 Concen: 73.52 ng
 RT: 8.925 min Scan# 642
 Delta R.T. 0.001 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1433840		
171	35.5		29.2	43.8
170	24.1		19.8	29.8

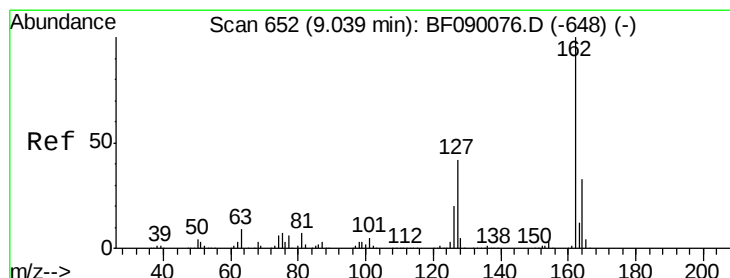
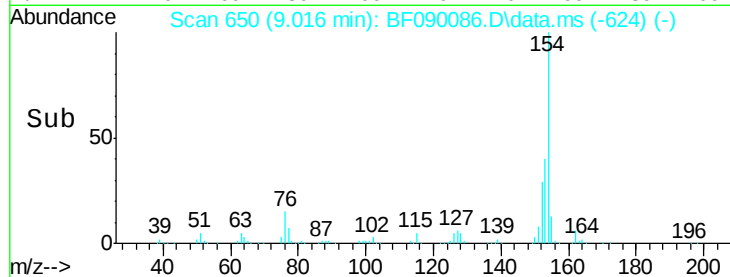
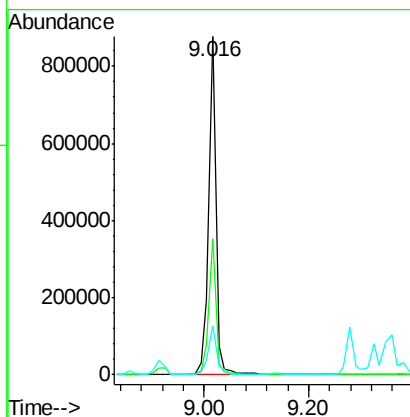
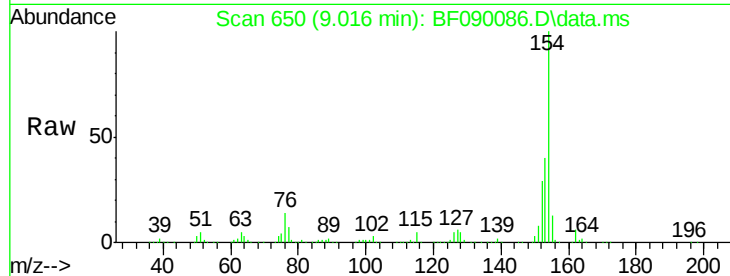




#45
 1,1'-Biphenyl
 Concen: 33.39 ng
 RT: 9.016 min Scan# 650
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

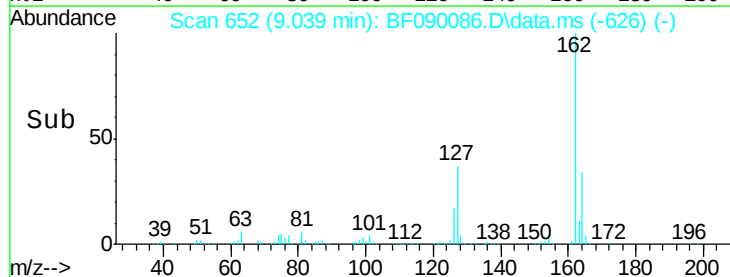
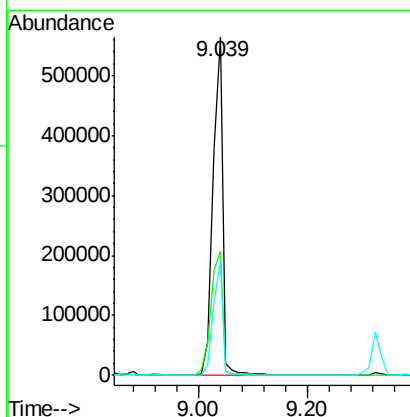
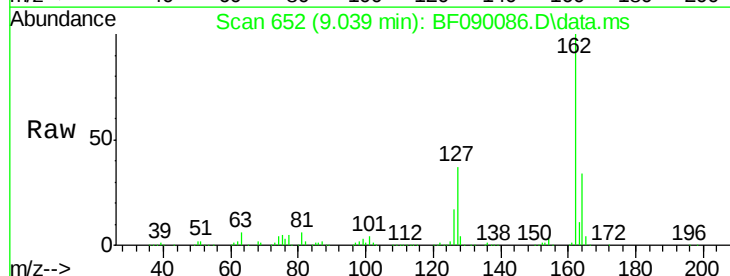
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

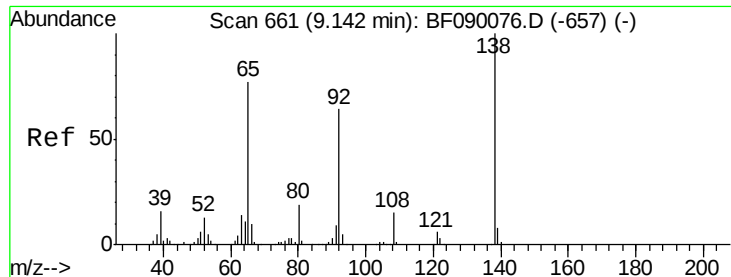
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	14.5	0.0	36.7



#46
 2-Chloronaphthalene
 Concen: 38.78 ng
 RT: 9.039 min Scan# 652
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	34.0	51.0
164	33.7	26.8	40.2





#47

2-Nitroaniline

Concen: 37.72 ng

RT: 9.130 min Scan# 661

Delta R.T. -0.011 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

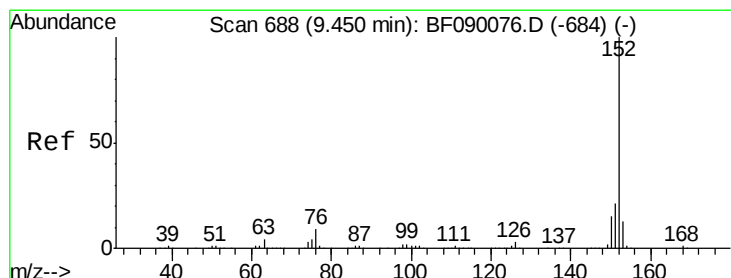
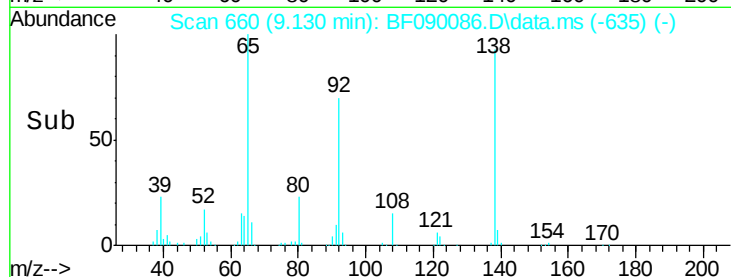
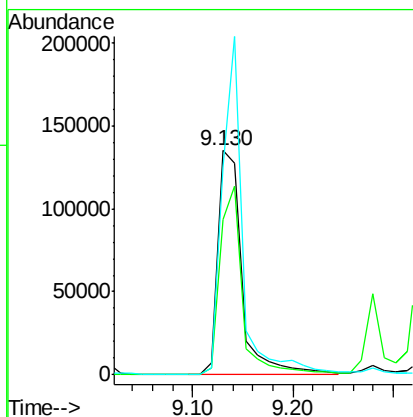
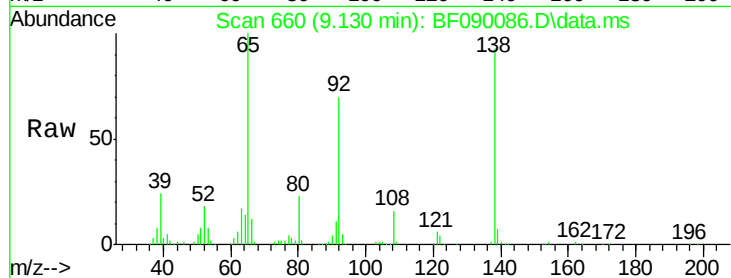
Tot Ion: 65 Resp: 223641

Ion Ratio Lower Upper

65 100

92 69.6 66.1 99.1

138 92.9 104.1 156.1#



#48

Acenaphthylene

Concen: 35.01 ng

RT: 9.439 min Scan# 687

Delta R.T. -0.011 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

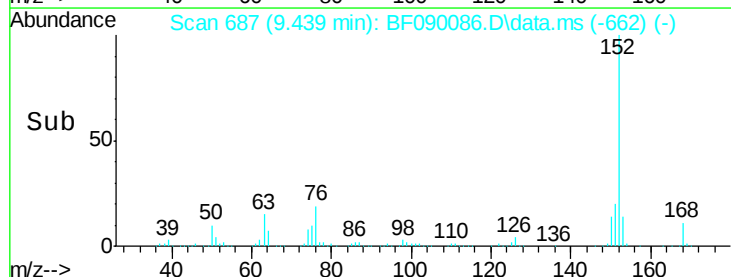
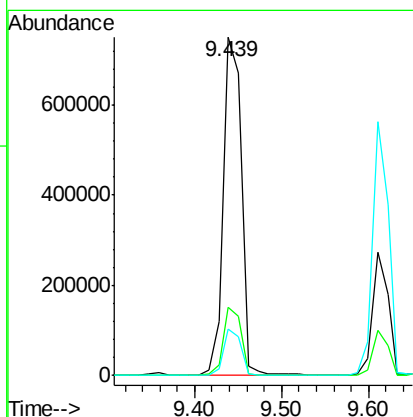
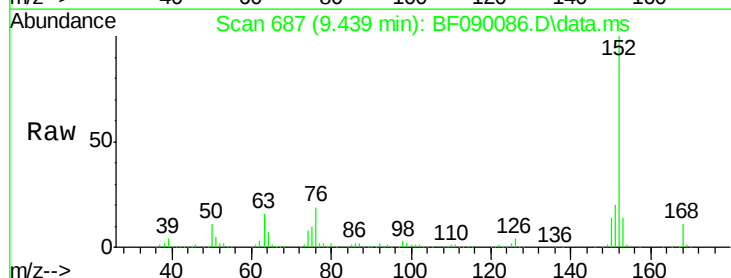
Tgt Ion: 152 Resp: 1091840

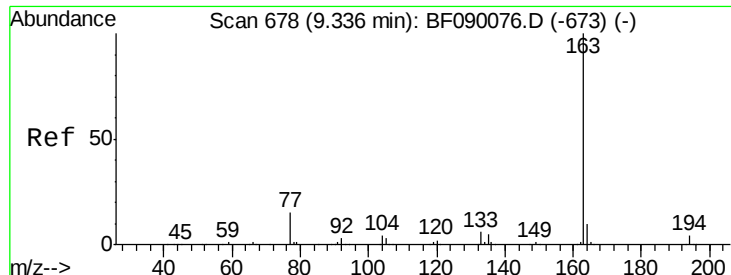
Ion Ratio Lower Upper

152 100

151 20.2 16.5 24.7

153 13.7 10.6 15.8





#49

Dimethylphthalate

Concen: 35.11 ng

RT: 9.325 min Scan# 67

Delta R.T. -0.011 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

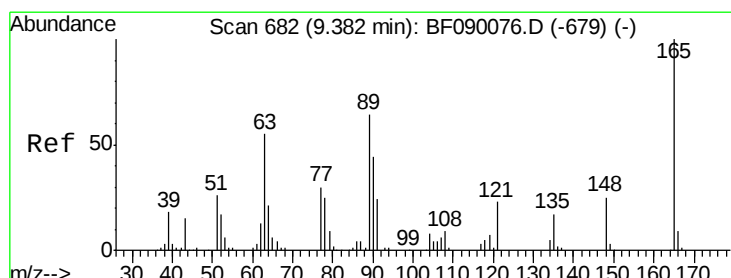
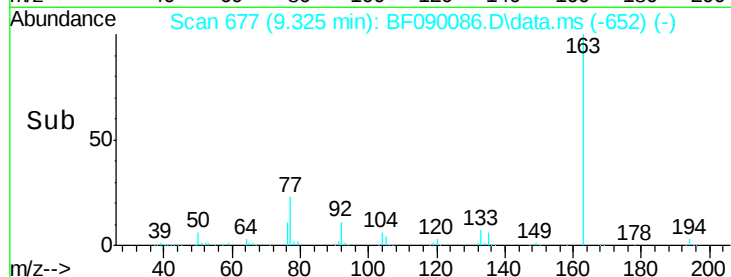
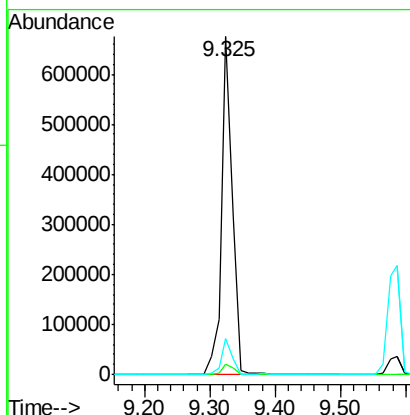
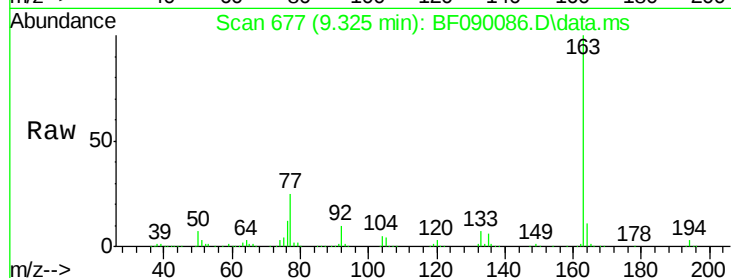
Tot Ion:163 Resp: 798737

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

164 10.8 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 35.91 ng

RT: 9.382 min Scan# 682

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

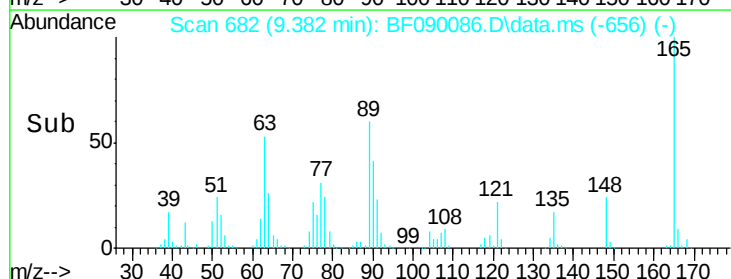
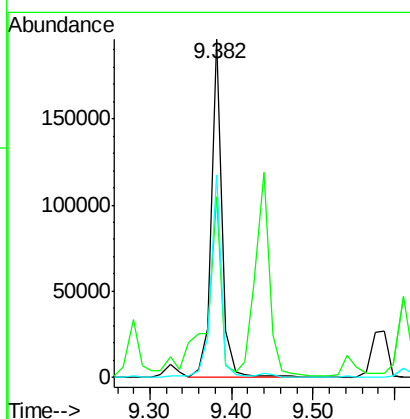
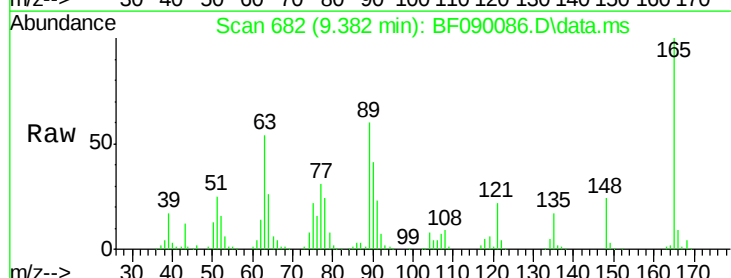
Tgt Ion:165 Resp: 182530

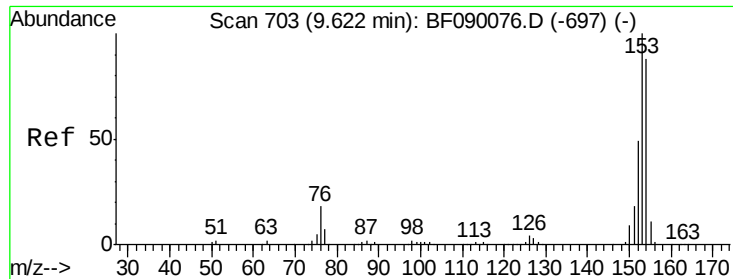
Ion Ratio Lower Upper

165 100

63 53.5 49.9 74.9

89 59.9 51.0 76.4





#51

Acenaphthene

Concen: 36.62 ng

RT: 9.610 min Scan# 70

Delta R.T. -0.011 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

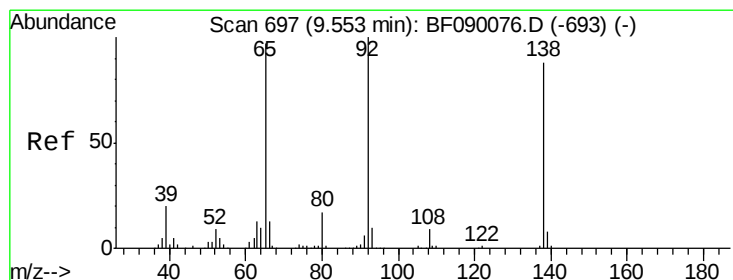
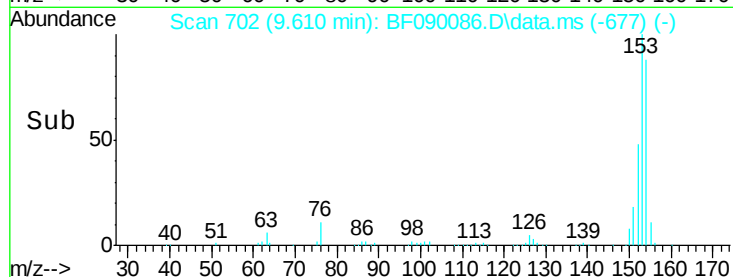
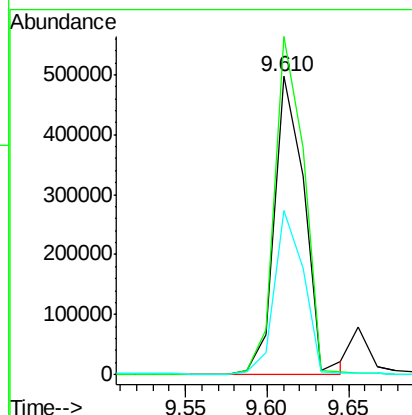
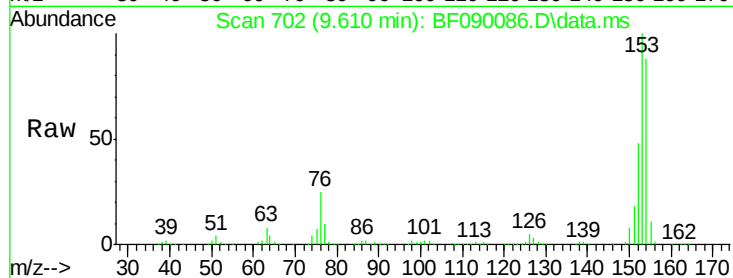
Tot Ion:154 Resp: 637796

Ion Ratio Lower Upper

154 100

153 113.5 90.8 136.2

152 54.9 44.2 66.4



#52

3-Nitroaniline

Concen: 17.40 ng

RT: 9.542 min Scan# 696

Delta R.T. -0.011 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

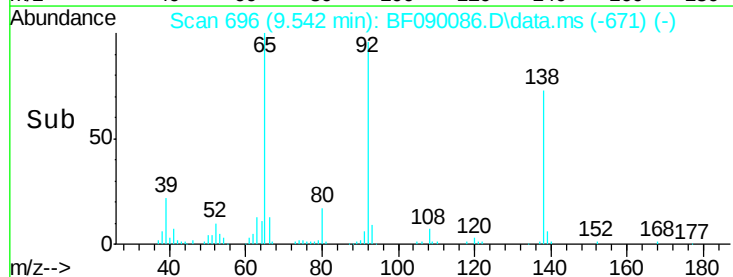
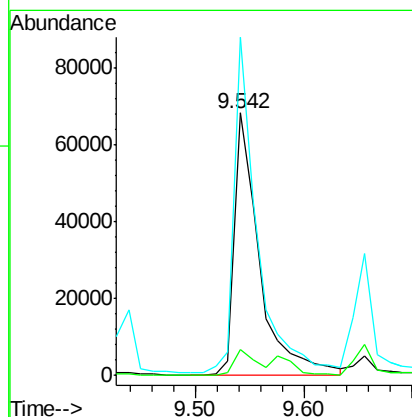
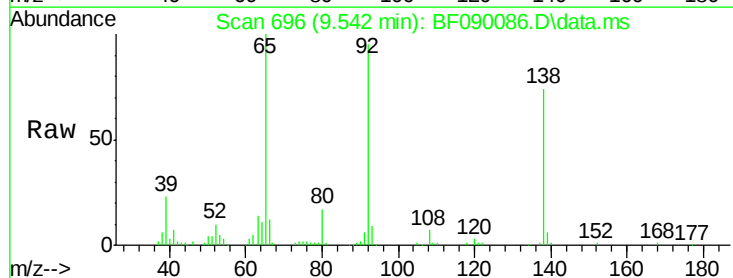
Tgt Ion:138 Resp: 107646

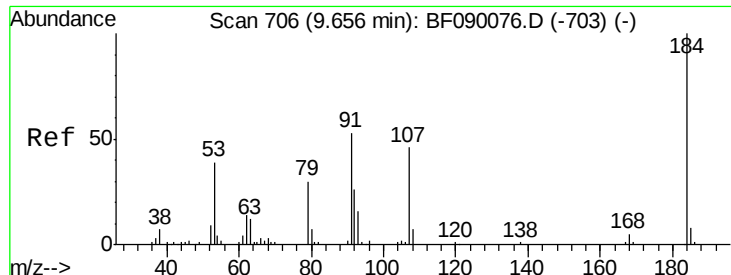
Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

92 129.0 90.7 136.1

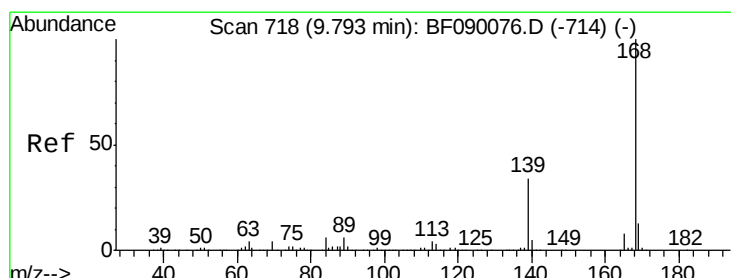
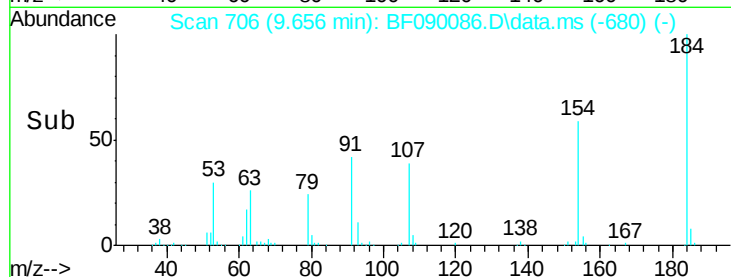
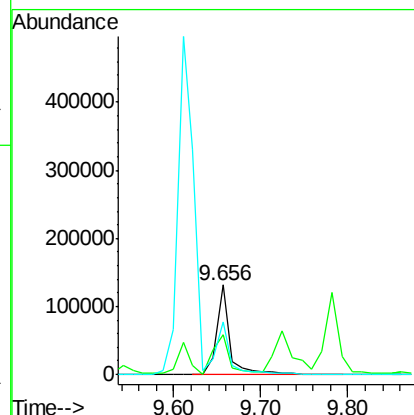
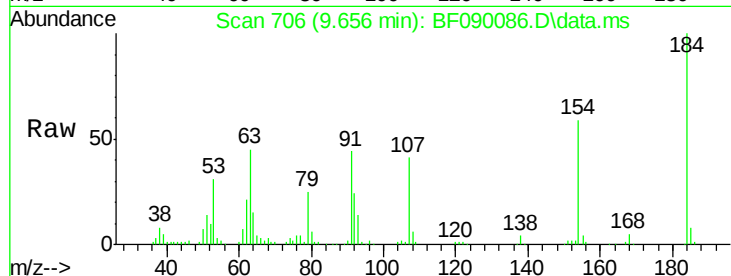




#53
 2,4-Dinitrophenol
 Concen: 51.02 ng
 RT: 9.656 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

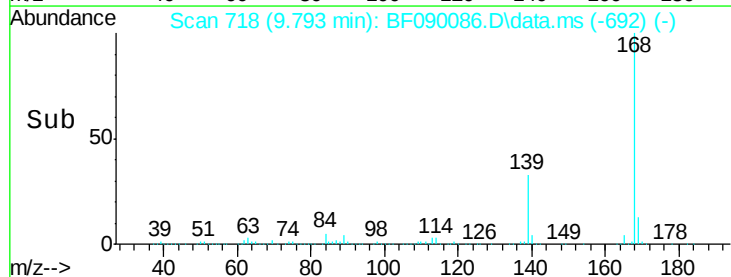
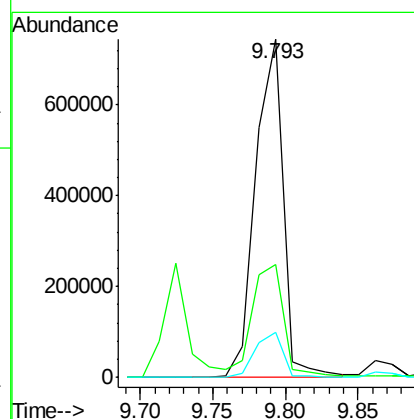
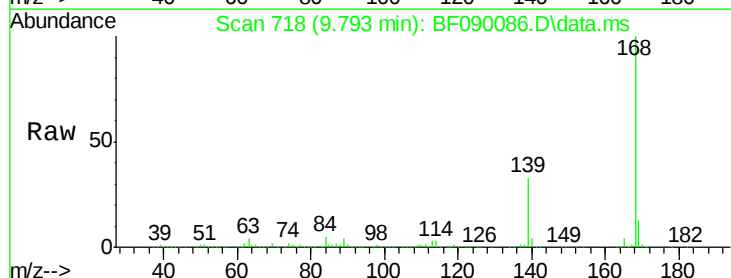
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

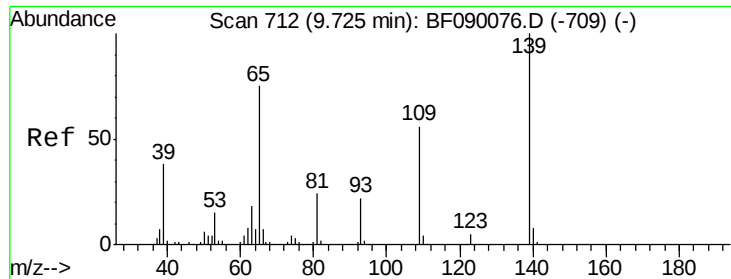
Tot Ion	Ratio	Lower	Upper
184	100		
63	44.9	44.6	67.0
154	59.5	49.7	74.5



#54
 Dibenzofuran
 Concen: 40.89 ng
 RT: 9.793 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.4	28.8	43.2
169	13.2	10.7	16.1

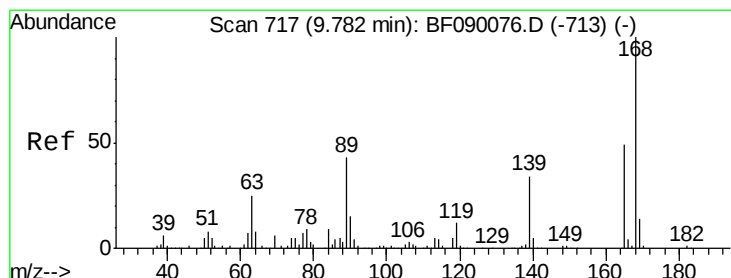
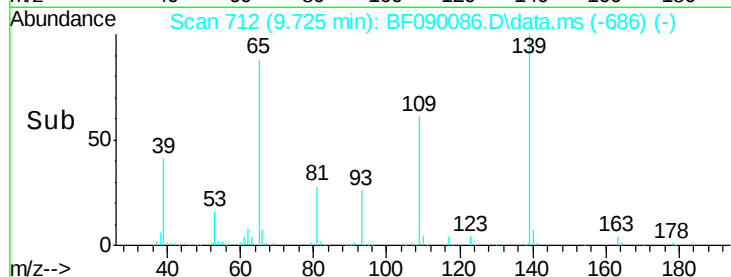
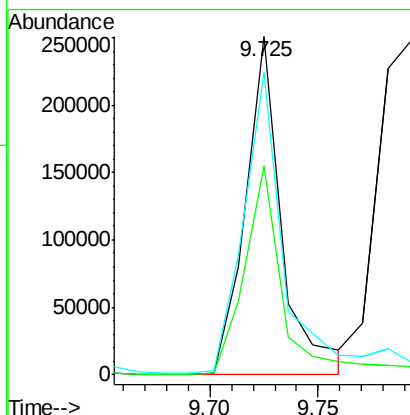
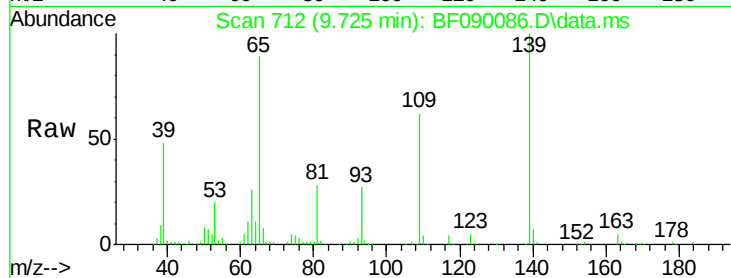




#55
4-Nitrophenol
Concen: 66.94 ng
RT: 9.725 min Scan# 712
Delta R.T. 0.001 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

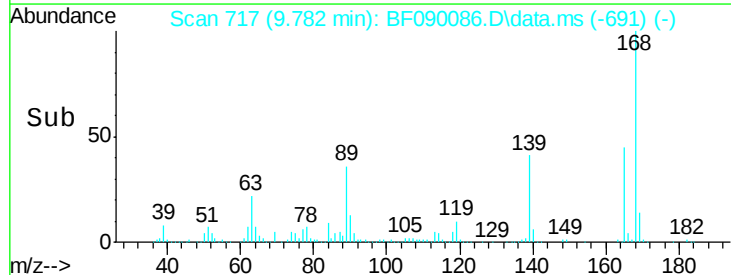
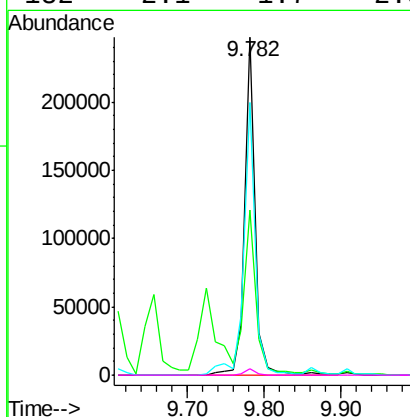
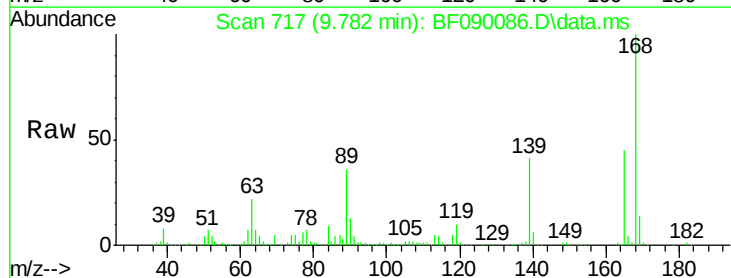
Instrument :
BNA_F
ClientSampleId :
PB93381BS

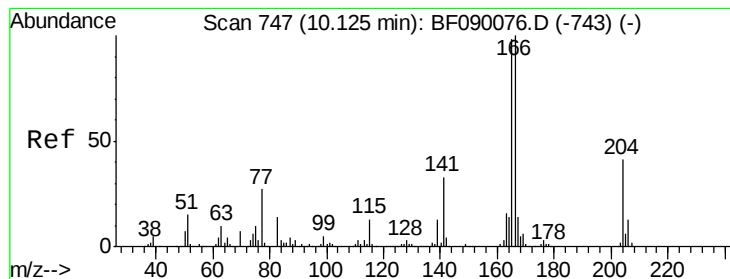
Tot Ion	Ratio	Lower	Upper
139	100		
109	61.6	35.6	75.6
65	89.3	55.5	95.5



#56
2,4-Dinitrotoluene
Concen: 37.69 ng
RT: 9.782 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.8	44.4	66.6
89	80.7	70.1	105.1
182	2.1	1.7	2.5





#57

Fluorene

Concen: 35.17 ng

RT: 10.125 min Scan# 74

Delta R.T. 0.001 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

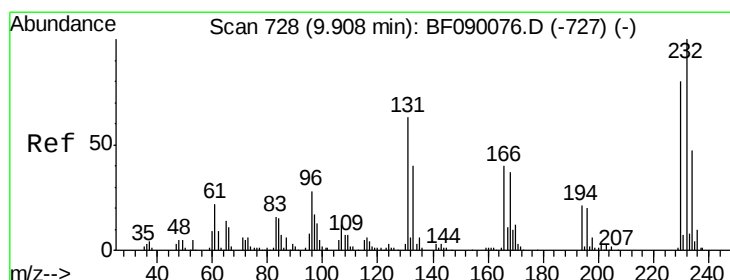
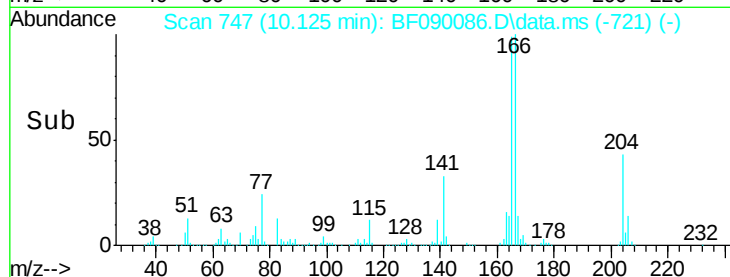
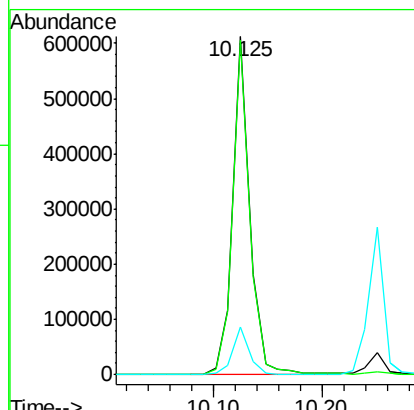
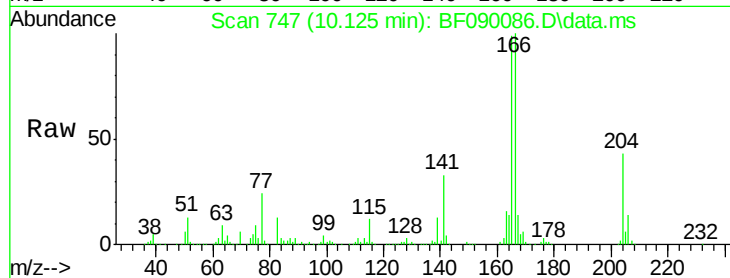
Tot Ion:166 Resp: 661978

Ion Ratio Lower Upper

166 100

165 99.0 78.5 117.7

167 14.0 11.2 16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.78 ng

RT: 9.908 min Scan# 728

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Tgt Ion:232 Resp: 186273

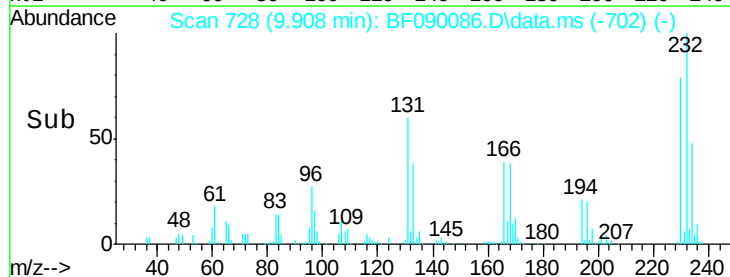
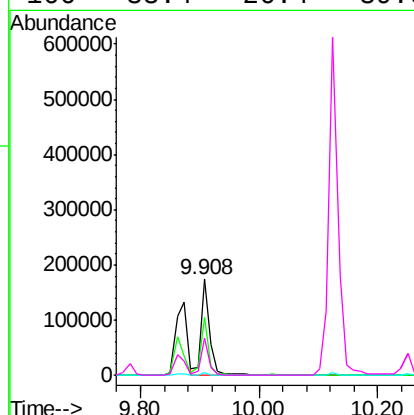
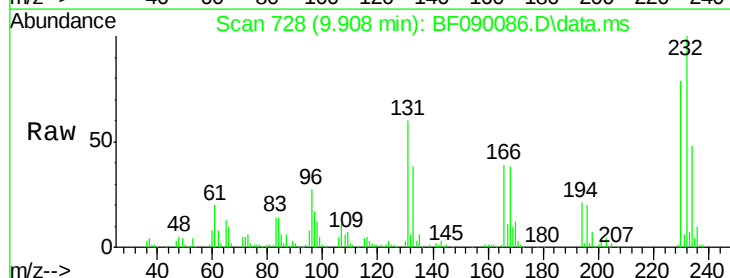
Ion Ratio Lower Upper

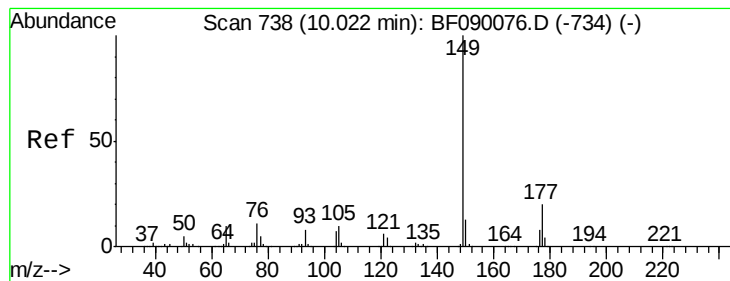
232 100

131 52.7 42.2 63.4

130 2.3 1.9 2.9

166 33.4 26.4 39.6





#59

Diethylphthalate

Concen: 35.16 ng

RT: 10.022 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

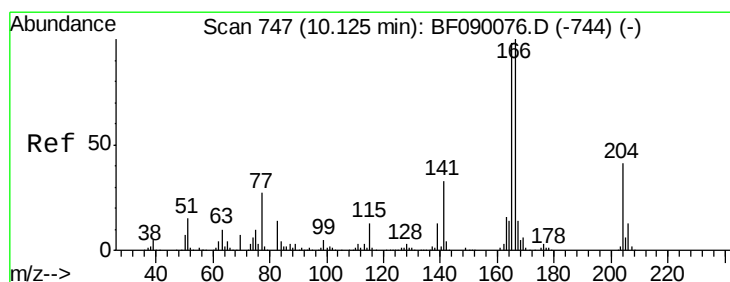
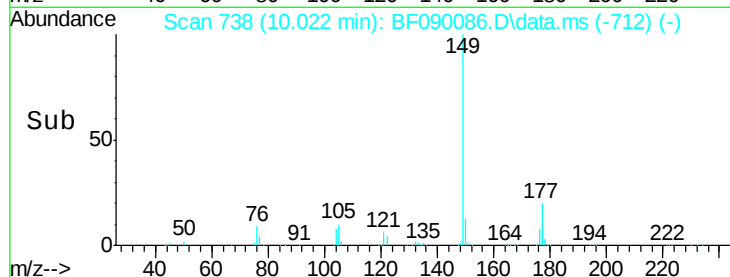
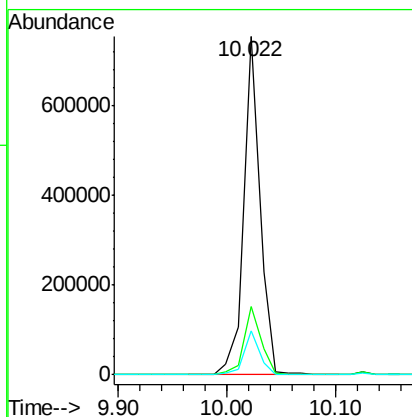
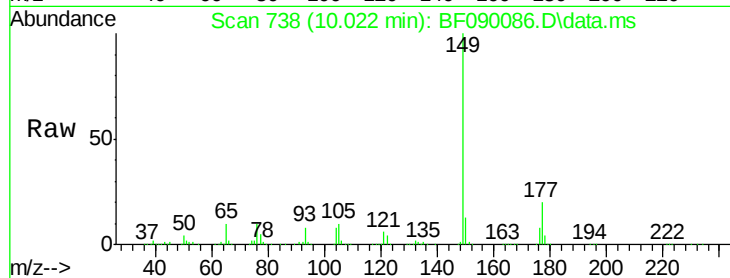
Tot Ion:149 Resp: 774316

Ion Ratio Lower Upper

149 100

177 20.0 15.8 23.6

150 12.9 10.4 15.6



#60

4-Chlorophenyl-phenylether

Concen: 37.94 ng

RT: 10.125 min Scan# 747

Delta R.T. 0.001 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

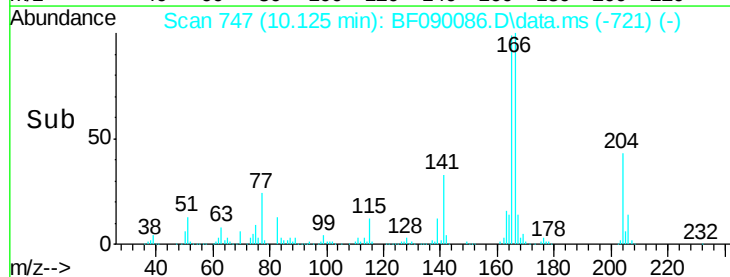
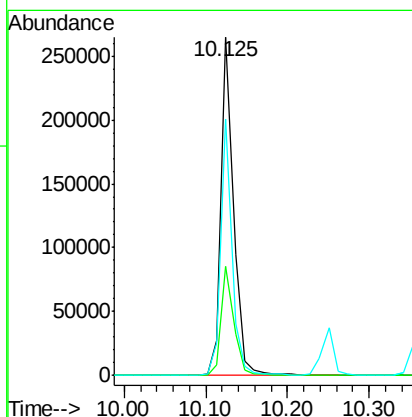
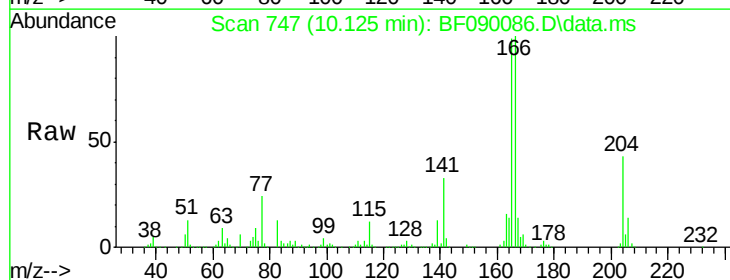
Tgt Ion:204 Resp: 281942

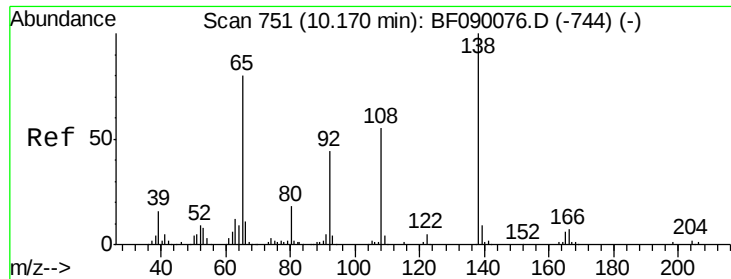
Ion Ratio Lower Upper

204 100

206 32.2 25.6 38.4

141 75.9 64.4 96.6

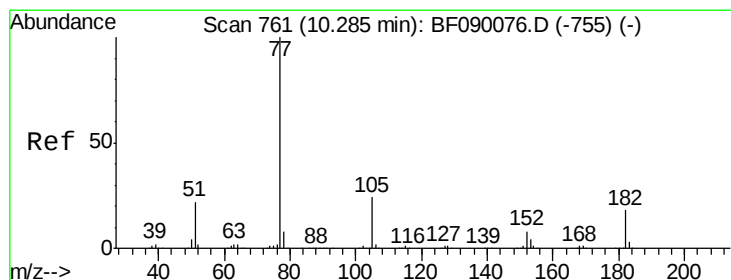
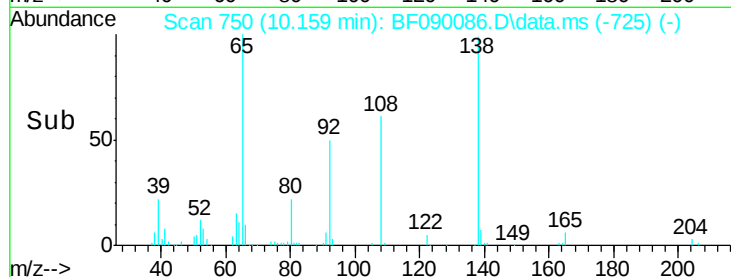
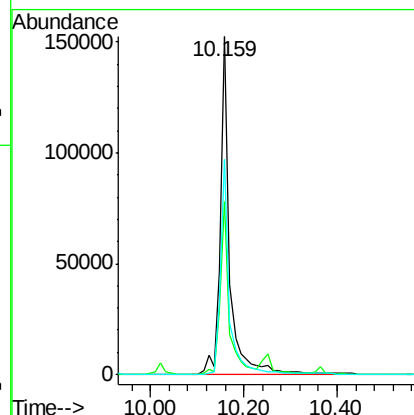
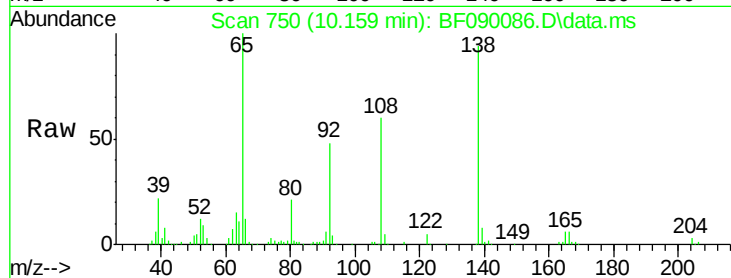




#61
4-Nitroaniline
Concen: 34.49 ng
RT: 10.159 min Scan# 751
Delta R.T. -0.011 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

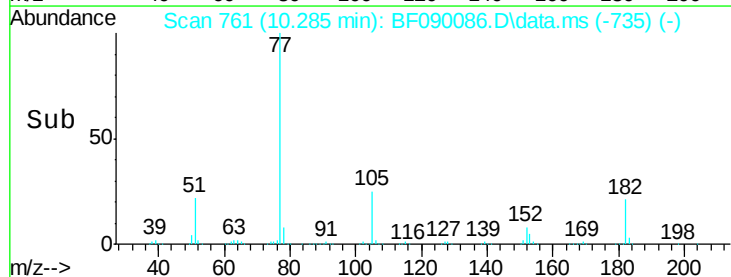
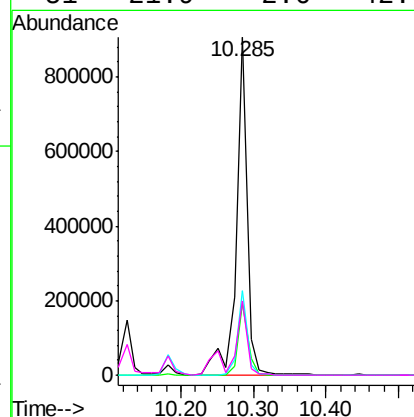
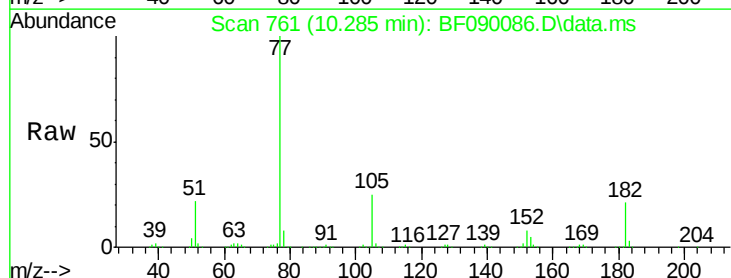
Instrument :
BNA_F
ClientSampleId :
PB93381BS

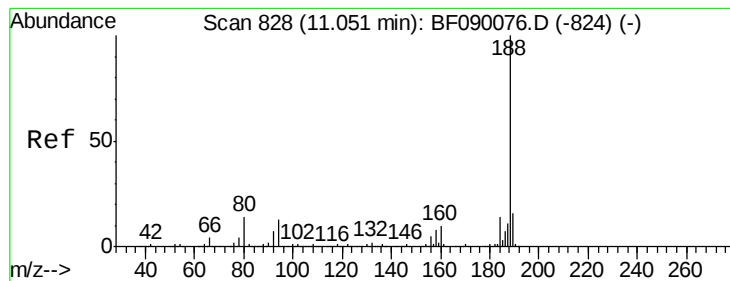
Tot Ion:138 Resp: 215909
Ion Ratio Lower Upper
138 100
92 51.2 23.8 63.8
108 63.7 35.0 75.0



#62
Azobenzene
Concen: 40.75 ng
RT: 10.285 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion: 77 Resp: 941720
Ion Ratio Lower Upper
77 100
182 21.1 0.0 38.4
105 25.1 3.8 43.8
51 21.9 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: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

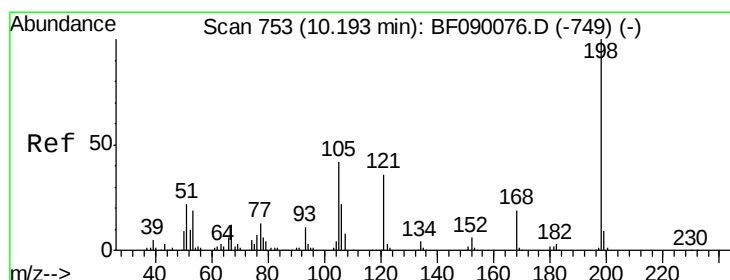
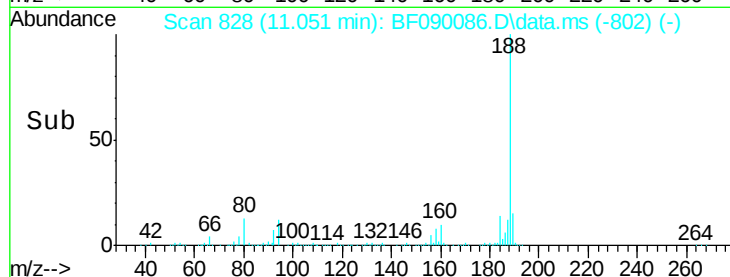
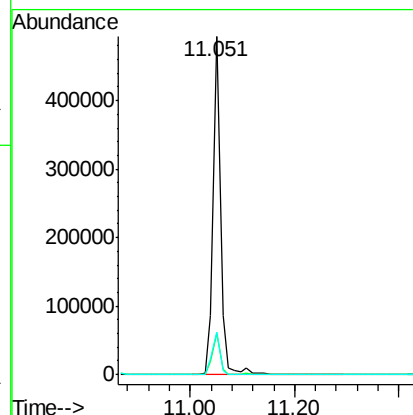
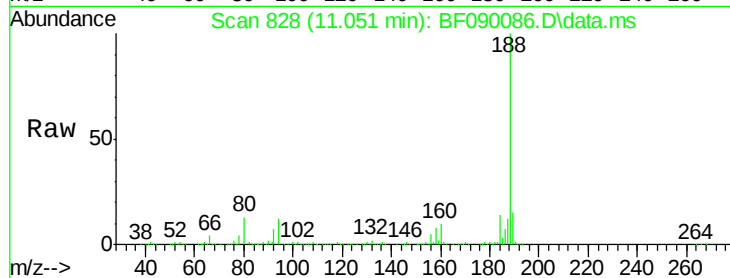
Tot Ion:188 Resp: 485002

Ion Ratio Lower Upper

188 100

94 12.1 10.5 15.7

80 12.6 11.2 16.8



#64

4,6-Dinitro-2-methylphenol

Concen: 31.62 ng

RT: 10.182 min Scan# 752

Delta R.T. -0.011 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

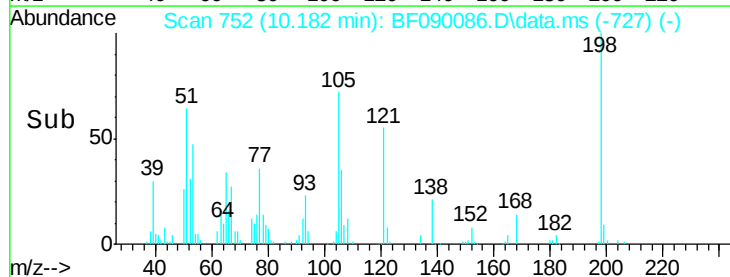
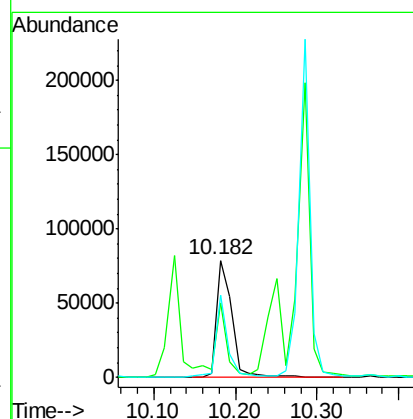
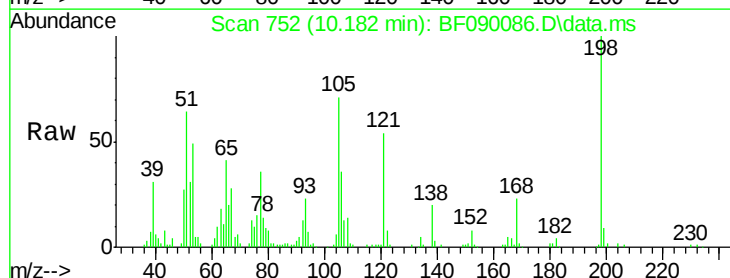
Tgt Ion:198 Resp: 102230

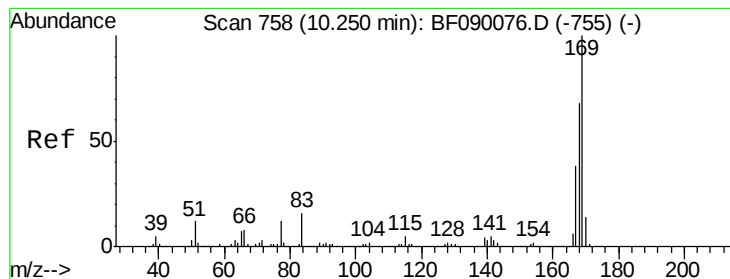
Ion Ratio Lower Upper

198 100

51 63.9 5.5 45.5#

105 70.6 21.8 61.8#





#65

n-Nitrosodiphenylamine

Concen: 45.81 ng

RT: 10.250 min Scan# 75

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

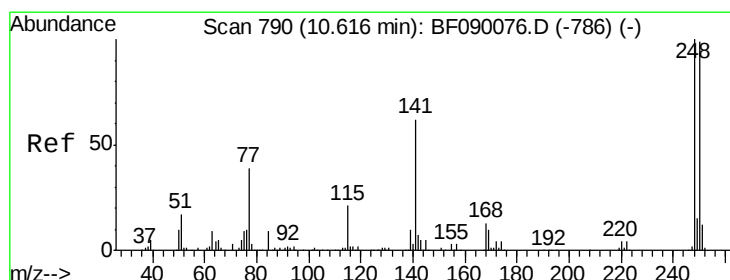
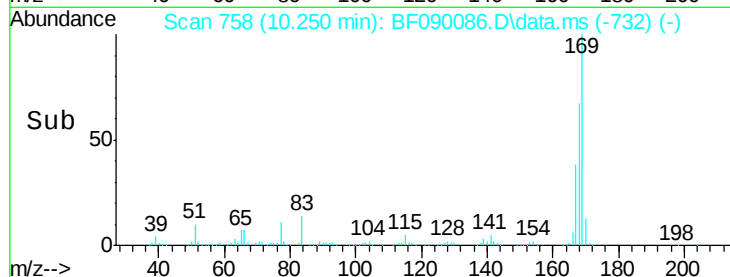
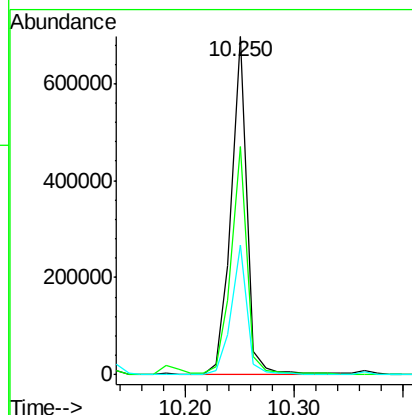
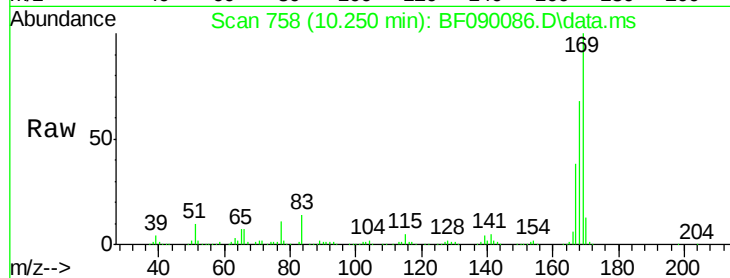
Tot Ion:169 Resp: 703967

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.4

167 38.3 30.3 45.5



#66

4-Bromophenyl-phenylether

Concen: 44.82 ng

RT: 10.616 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

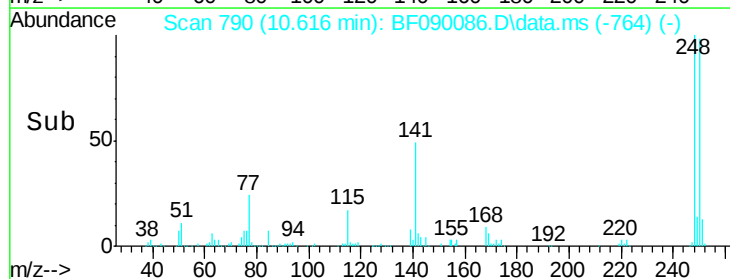
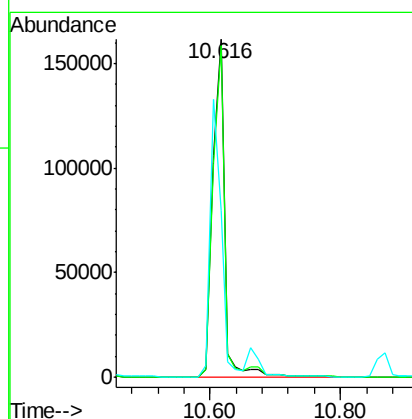
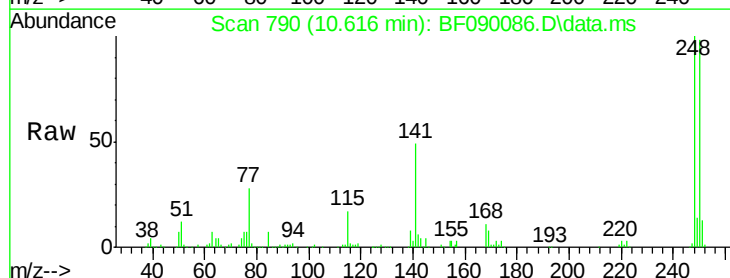
Tgt Ion:248 Resp: 209530

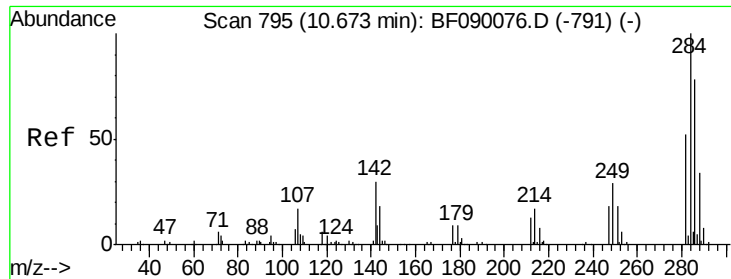
Ion Ratio Lower Upper

248 100

250 98.1 79.4 119.2

141 49.2 49.3 73.9#

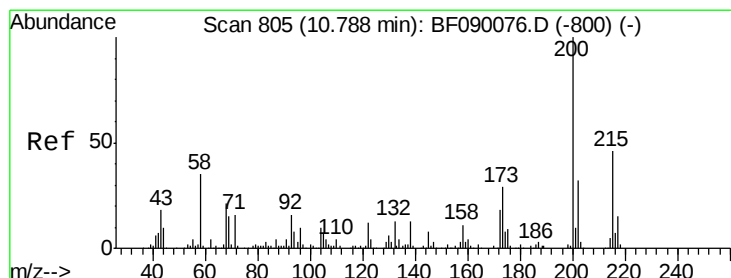
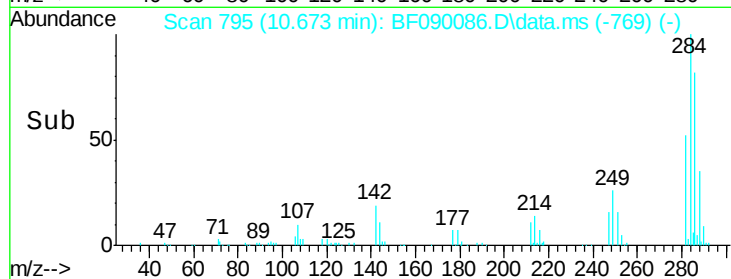
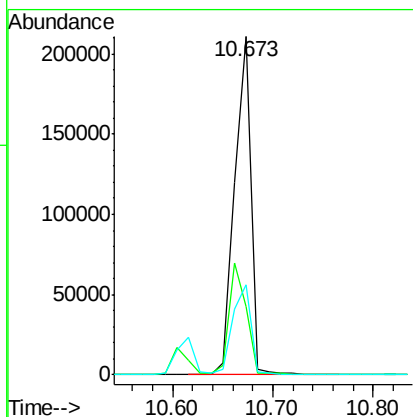
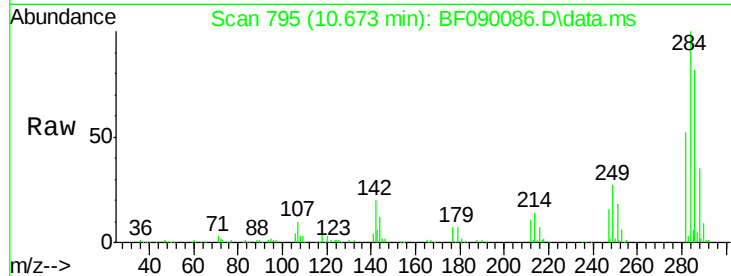




#67
Hexachlorobenzene
Concen: 43.02 ng
RT: 10.673 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

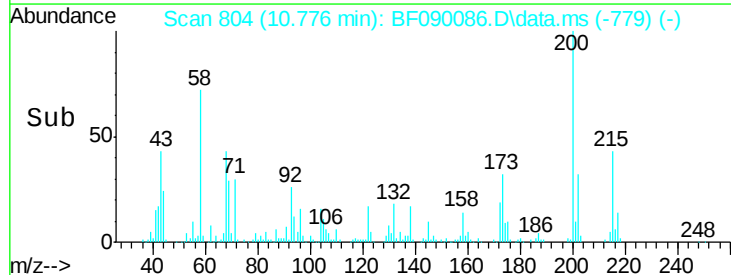
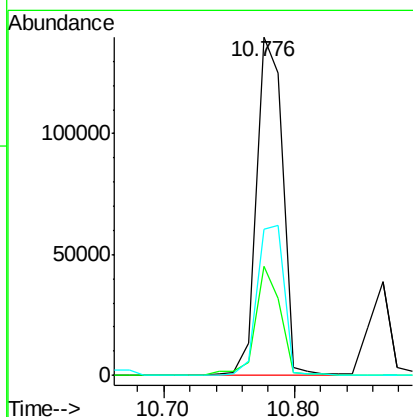
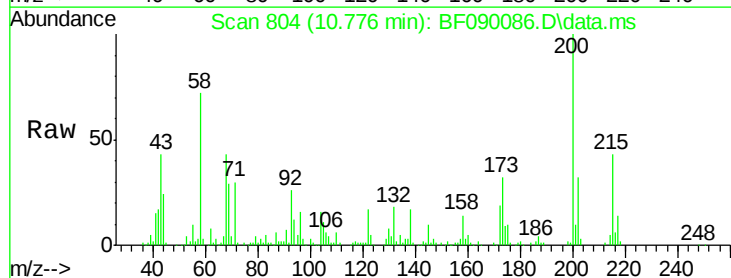
Instrument :
BNA_F
ClientSampleId :
PB93381BS

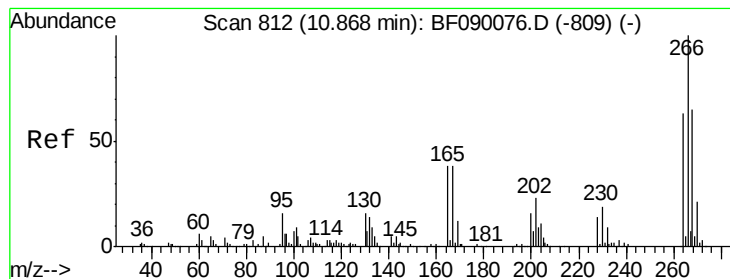
Tot Ion	Ratio	Lower	Upper
284	100		
142	20.0	24.0	36.0
249	26.7	23.8	35.6



#68
Atrazine
Concen: 42.95 ng
RT: 10.776 min Scan# 804
Delta R.T. -0.011 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	32.2	9.3	49.3
215	43.3	26.1	66.1

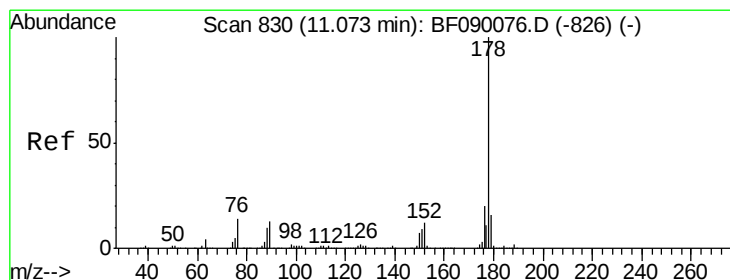
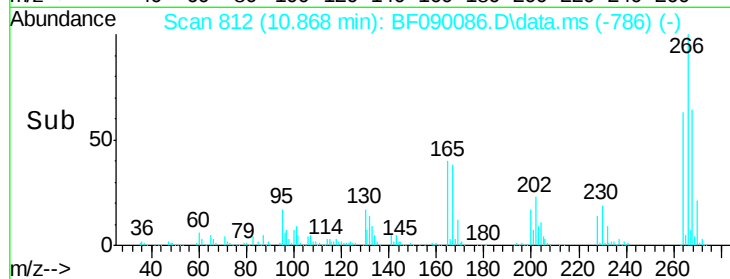
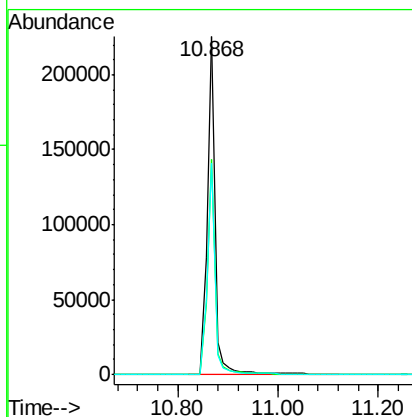
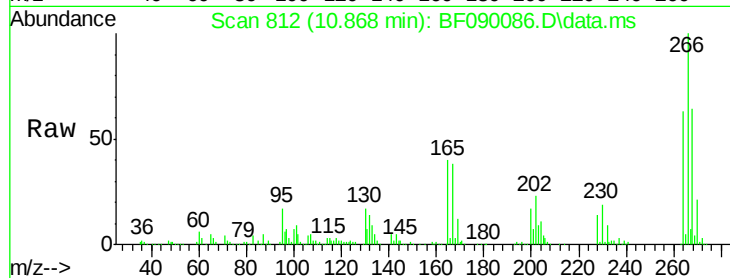




#69
 Pentachlorophenol
 Concen: 75.26 ng
 RT: 10.868 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

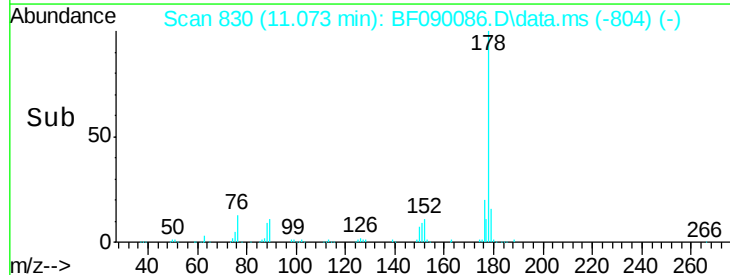
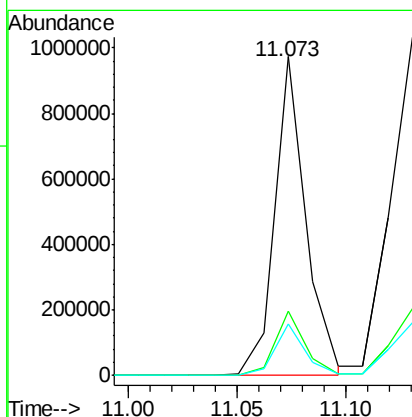
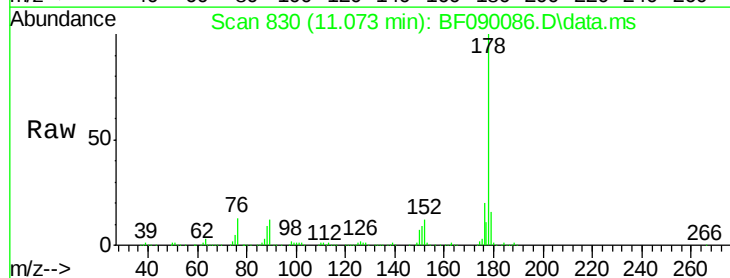
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

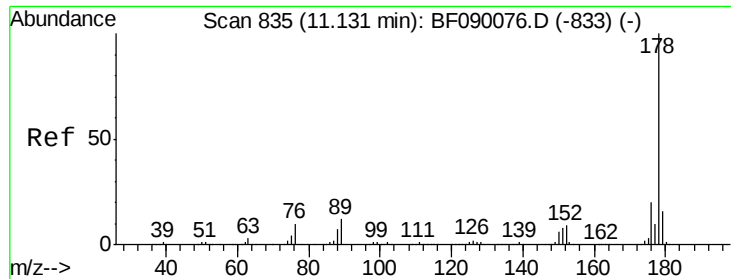
Tot Ion:266 Resp: 242902
 Ion Ratio Lower Upper
 266 100
 268 63.8 52.1 78.1
 264 62.5 50.3 75.5



#70
 Phenanthrene
 Concen: 41.51 ng
 RT: 11.073 min Scan# 830
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion:178 Resp: 973005
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.9 23.9
 179 15.9 12.9 19.3

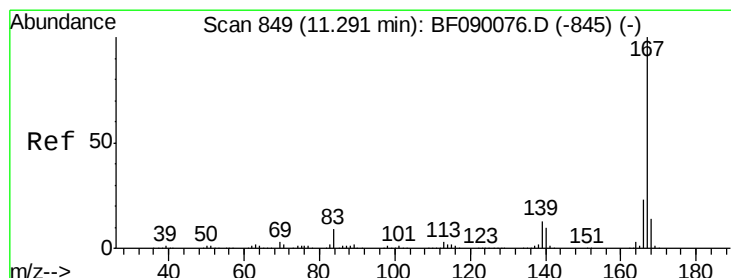
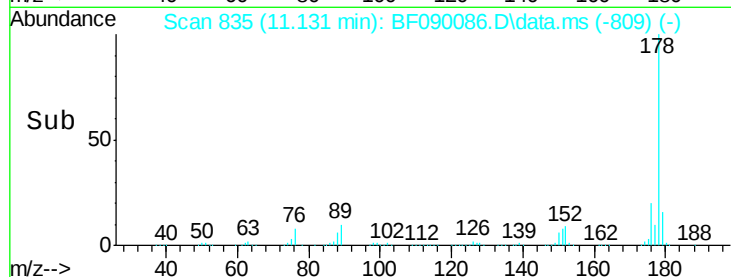
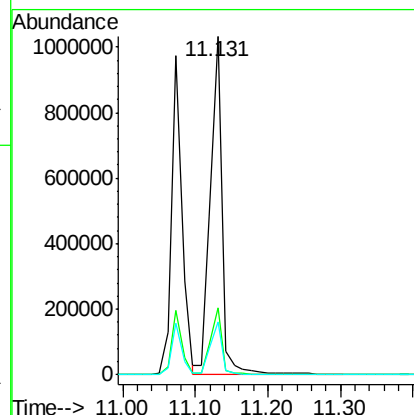
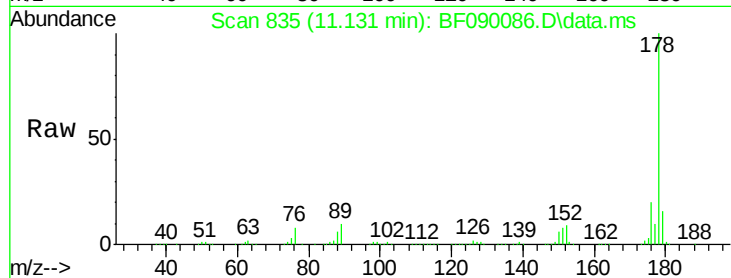




#71
 Anthracene
 Concen: 45.43 ng
 RT: 11.131 min Scan# 83
 Delta R.T. 0.001 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

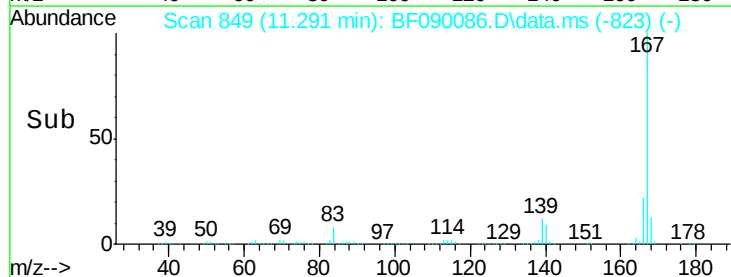
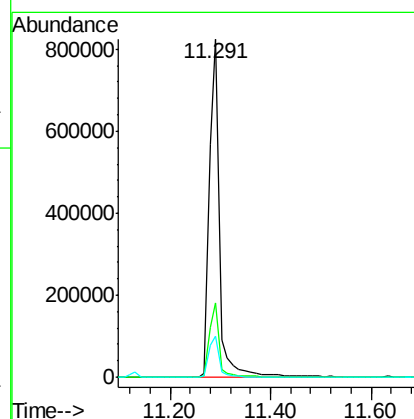
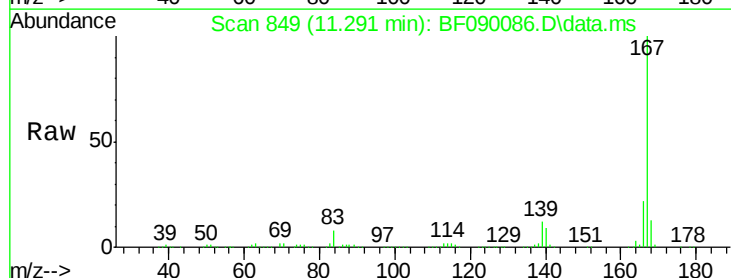
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

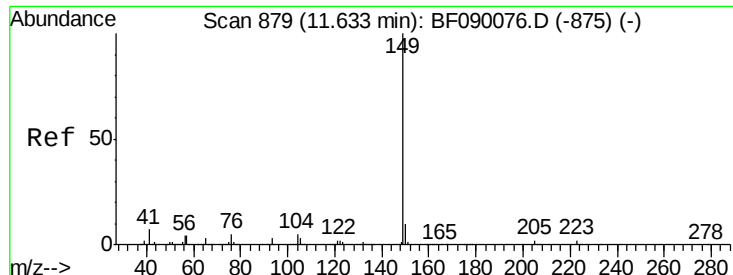
Tot Ion:178 Resp: 1162544
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 44.01 ng
 RT: 11.291 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion:167 Resp: 1155285
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 12.0 10.4 15.6

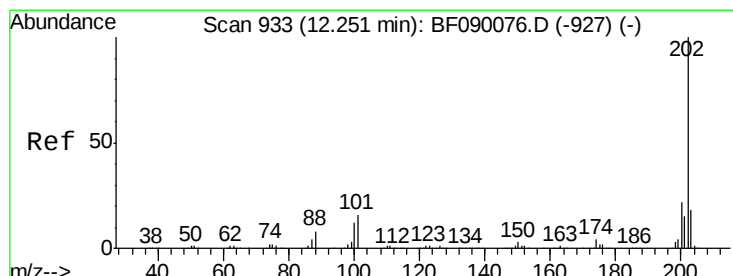
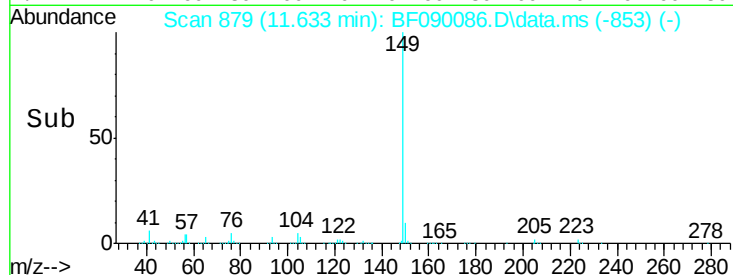
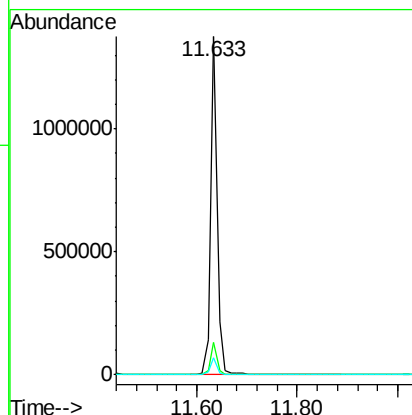
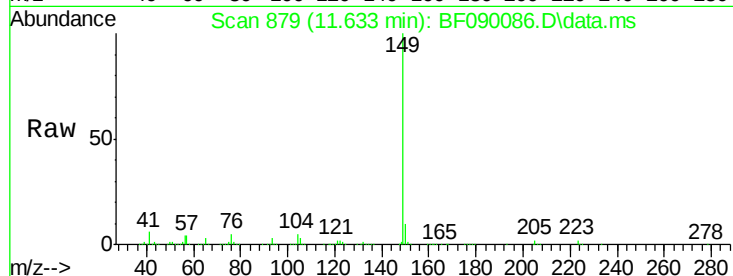




#73
Di-n-butylphthalate
Concen: 41.60 ng
RT: 11.633 min Scan# 87
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

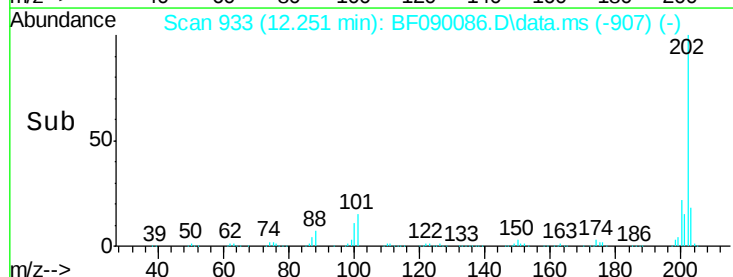
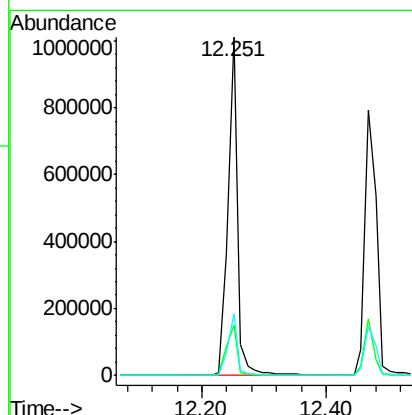
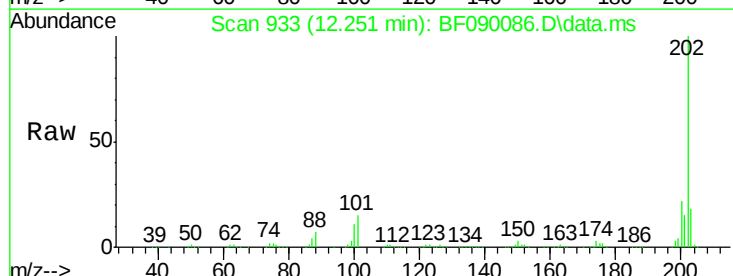
Instrument :
BNA_F
ClientSampleId :
PB93381BS

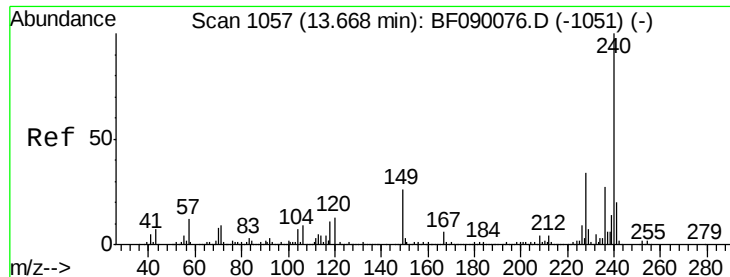
Tot Ion:149 Resp: 1224638
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.8
104 4.9 3.9 5.9



#74
Fluoranthene
Concen: 43.47 ng
RT: 12.251 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion:202 Resp: 1067498
Ion Ratio Lower Upper
202 100
101 15.0 0.0 36.1
203 18.2 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: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

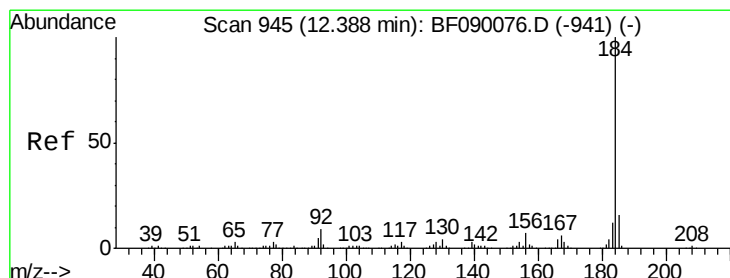
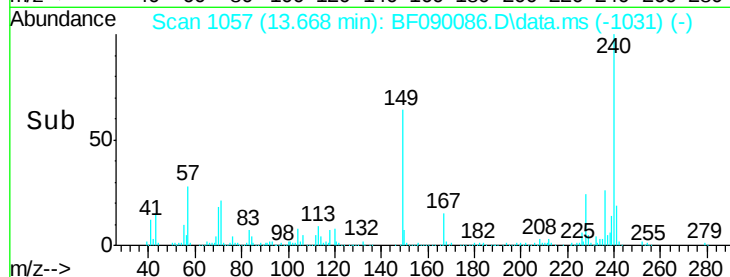
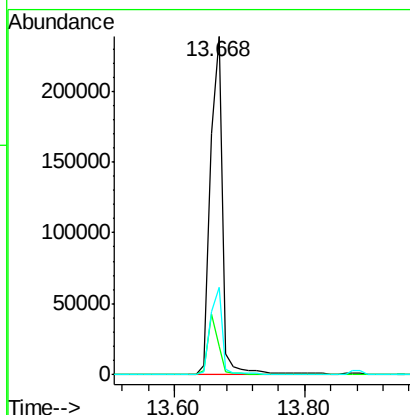
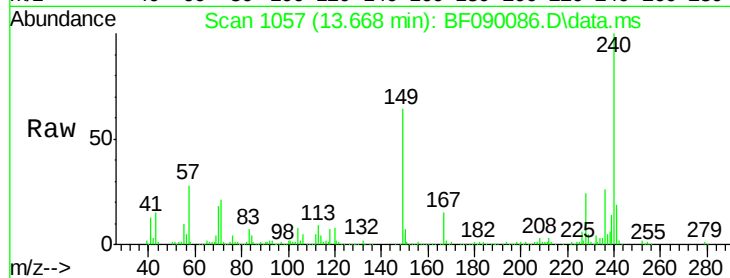
Tot Ion:240 Resp: 311819

Ion Ratio Lower Upper

240 100

120 8.3 10.6 16.0#

236 25.6 21.6 32.4



#76

Benzidine

Concen: 32.62 ng

RT: 12.388 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

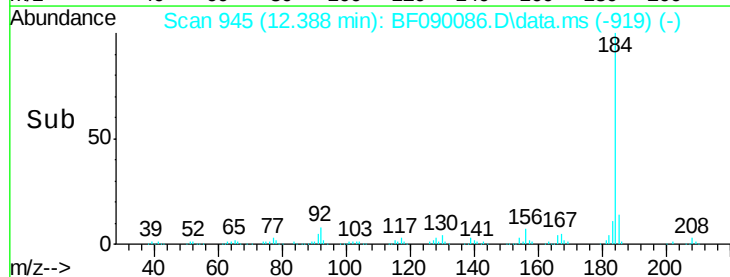
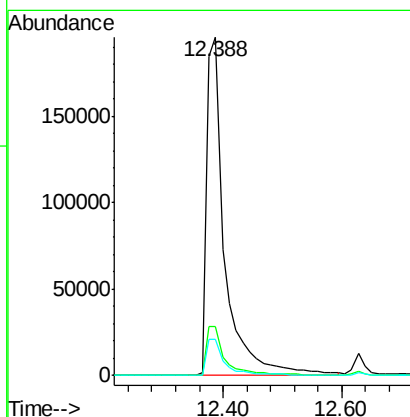
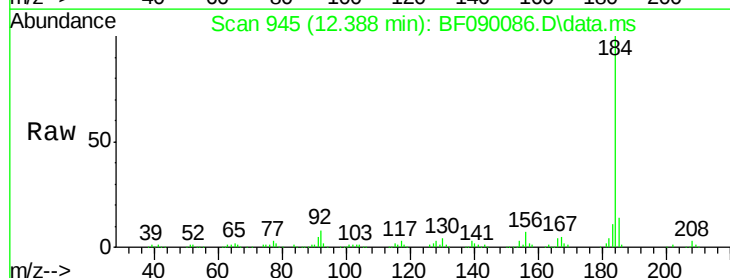
Tgt Ion:184 Resp: 414859

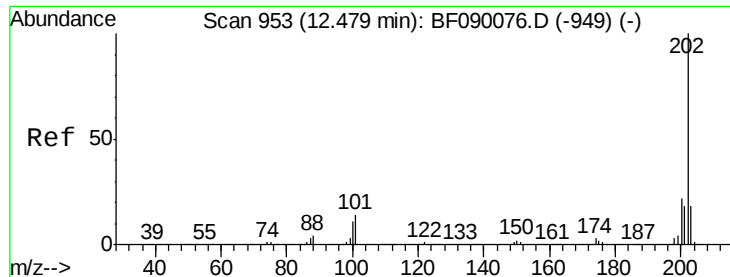
Ion Ratio Lower Upper

184 100

185 14.3 13.2 19.8

183 10.6 9.2 13.8

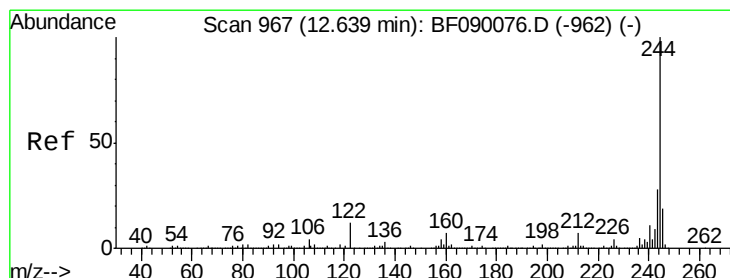
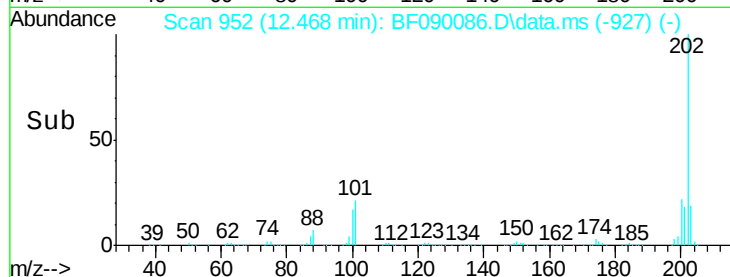
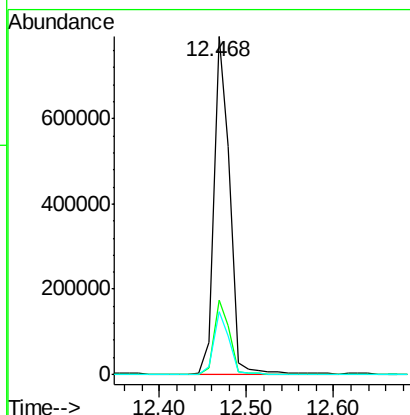
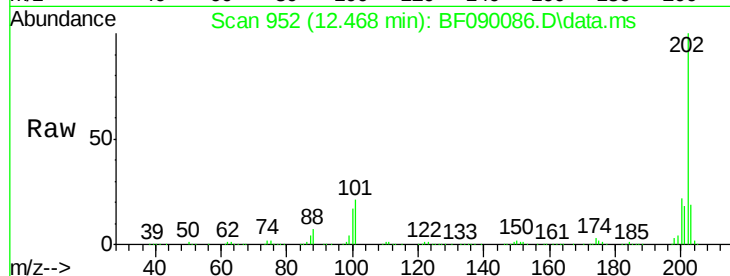




#77
Pvrene
Concen: 44.26 ng
RT: 12.468 min Scan# 95
Delta R.T. -0.011 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

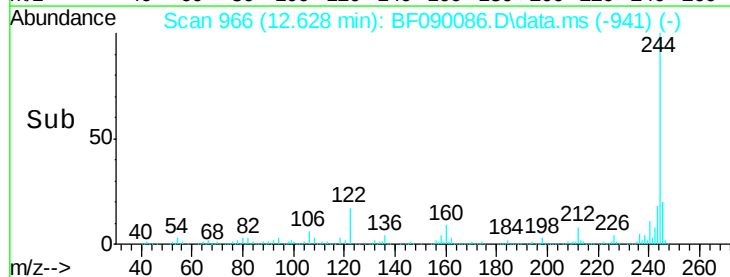
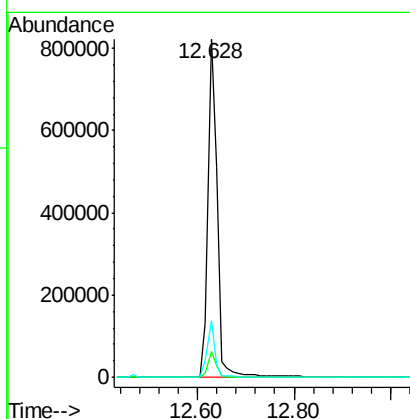
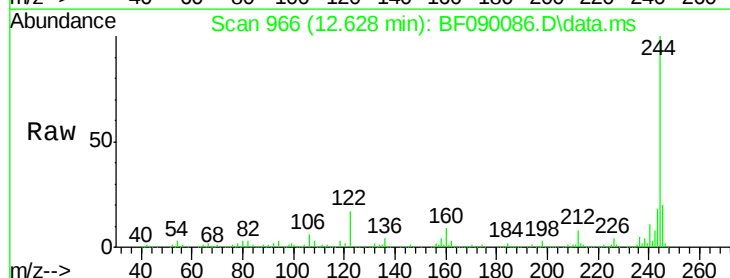
Instrument :
BNA_F
ClientSampleId :
PB93381BS

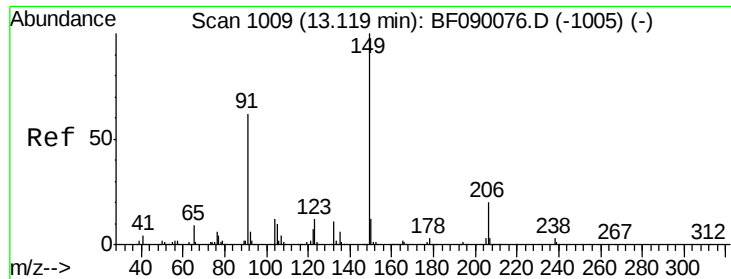
Tot Ion:202 Resp: 1007236
Ion Ratio Lower Upper
202 100
200 22.0 17.9 26.9
203 18.6 14.2 21.4



#78
Terphenyl-d14
Concen: 83.75 ng
RT: 12.628 min Scan# 966
Delta R.T. -0.011 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion:244 Resp: 1099677
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 16.7 9.4 14.0#

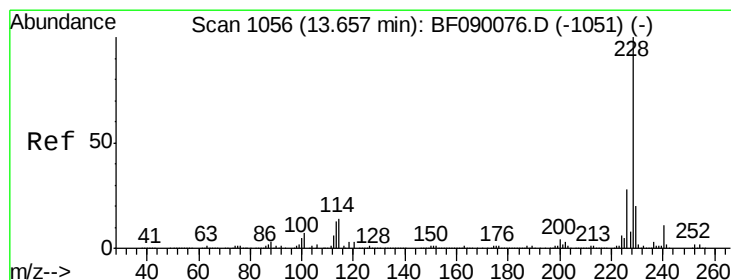
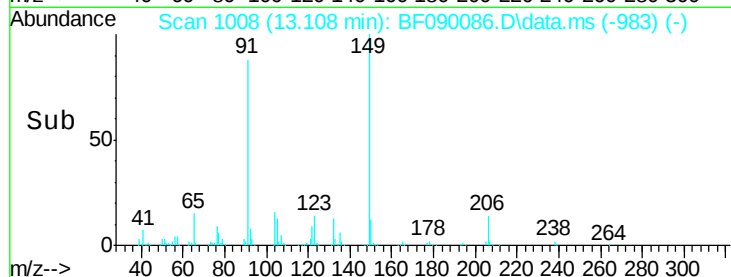
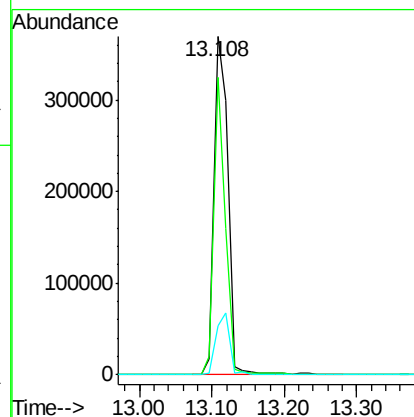
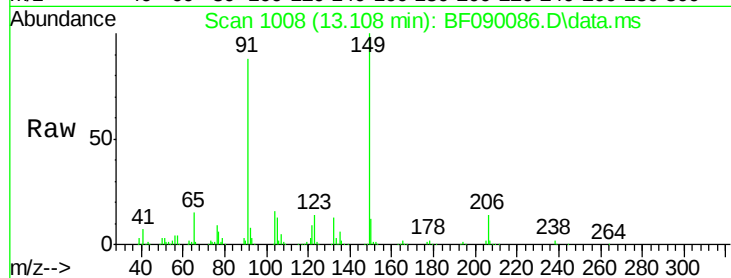




#79
Butylbenzylphthalate
Concen: 43.10 ng
RT: 13.108 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

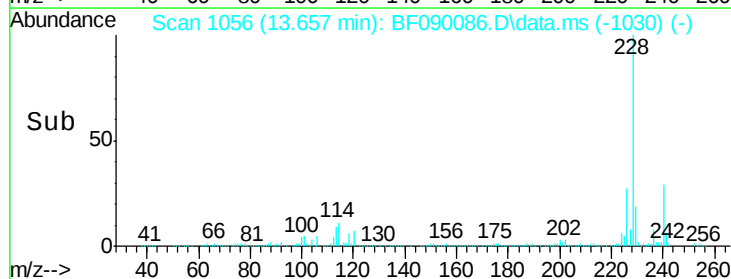
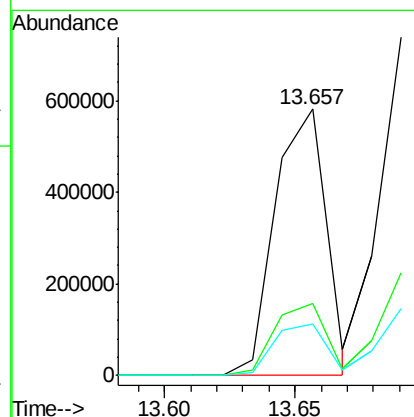
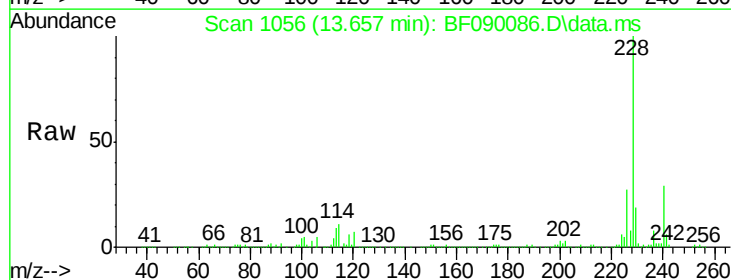
Instrument :
BNA_F
ClientSampleId :
PB93381BS

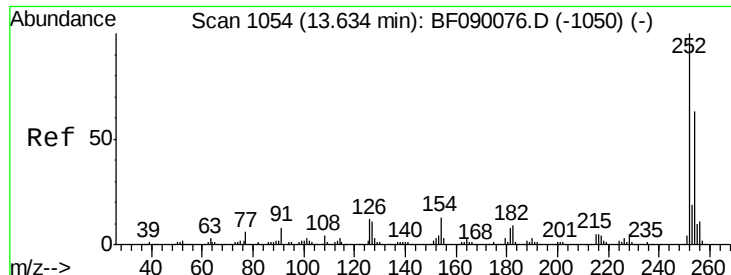
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	87.9	49.8	74.6#	
206	14.4	16.3	24.5#	



#80
Benzo(a)anthracene
Concen: 43.32 ng
RT: 13.657 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	27.0	22.0	33.0	
229	19.3	16.2	24.2	

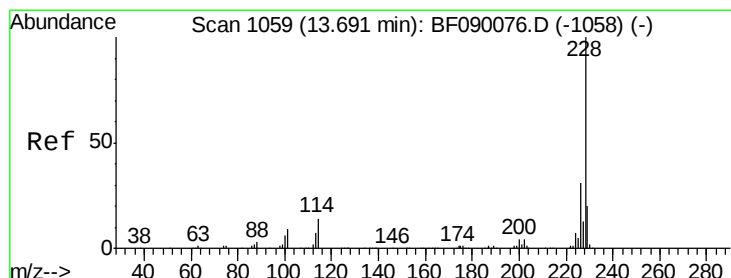
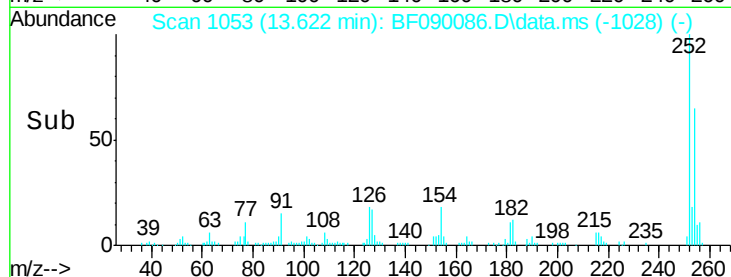
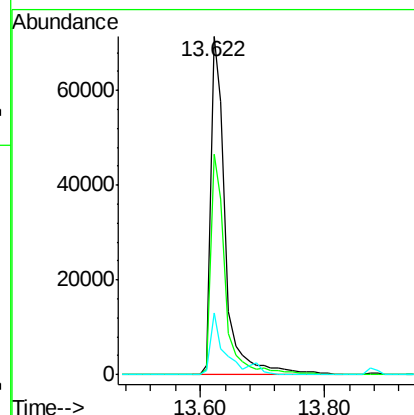
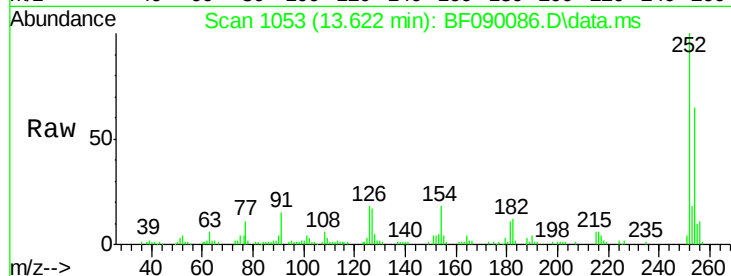




#81
 3,3'-Dichlorobenzidine
 Concen: 15.10 ng
 RT: 13.622 min Scan# 1053
 Delta R.T. -0.011 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

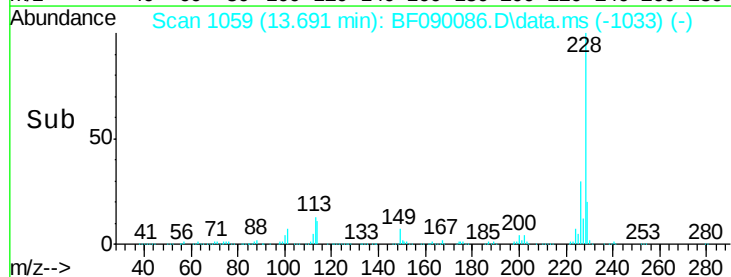
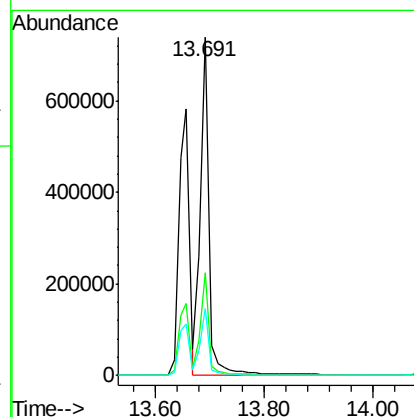
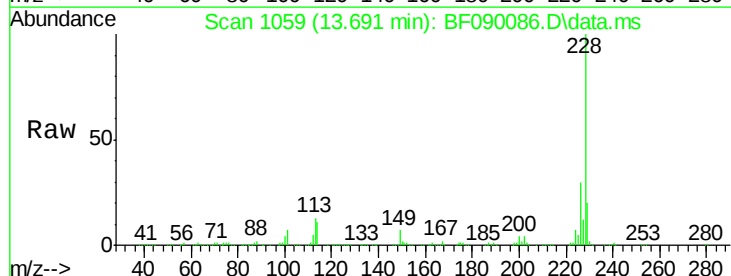
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

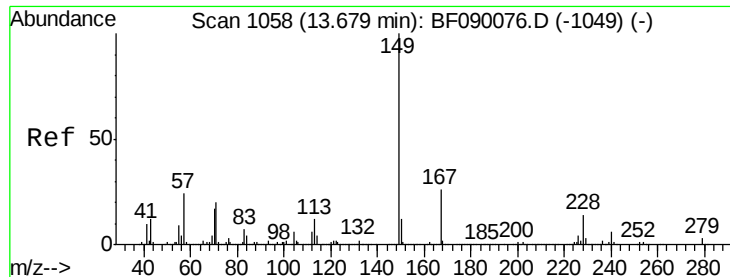
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.7	76.1
126	18.1	9.2	13.8



#82
 Chrysene
 Concen: 45.01 ng
 RT: 13.691 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	19.9	16.2	24.4

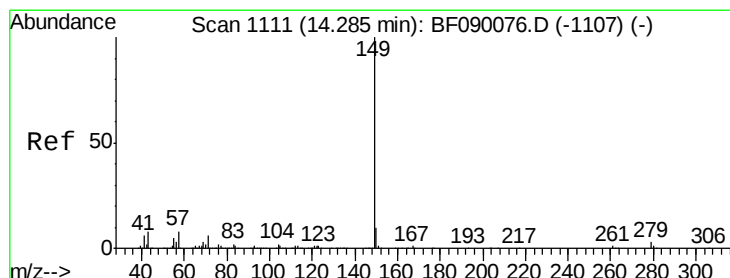
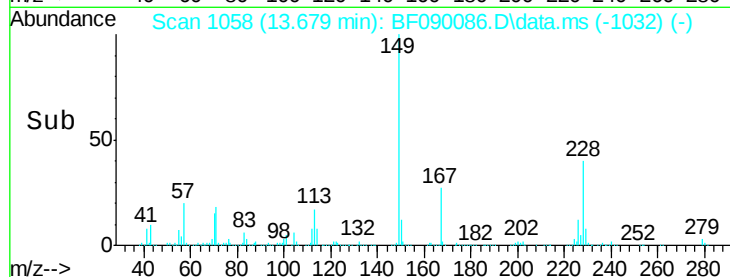
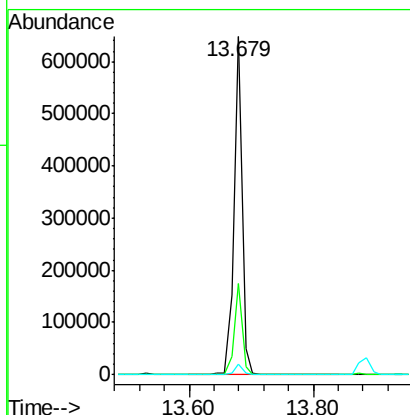
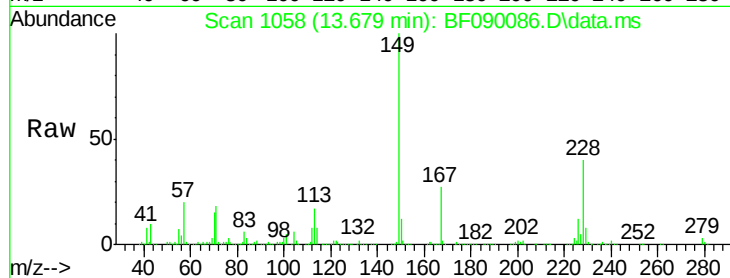




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.36 ng
 RT: 13.679 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

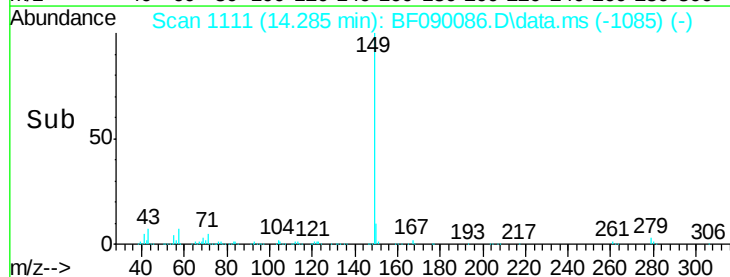
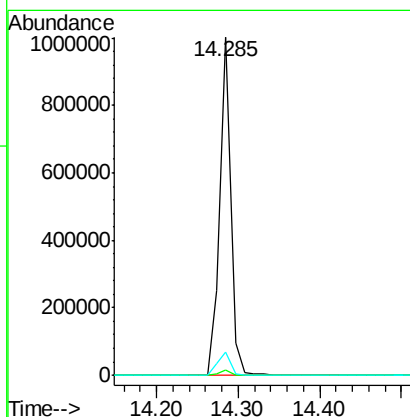
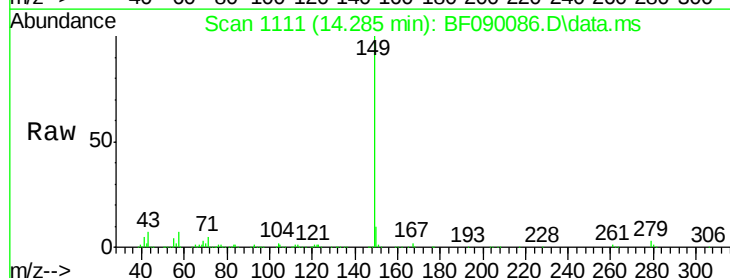
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

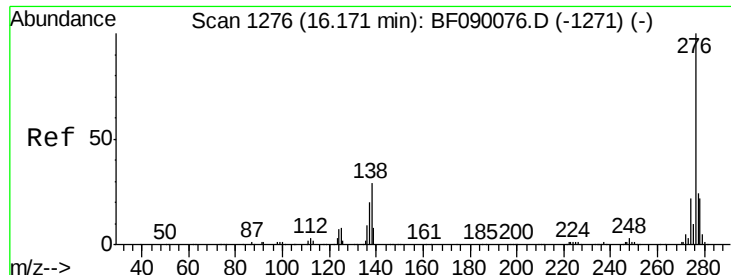
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.2	31.8
279	3.0	2.2	3.2



#84
 Di-n-octyl phthalate
 Concen: 37.55 ng
 RT: 14.285 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.8	6.8	10.2

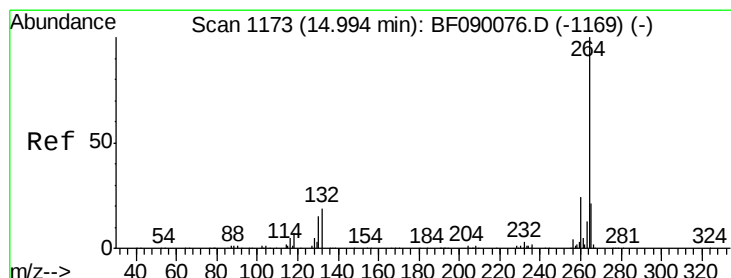
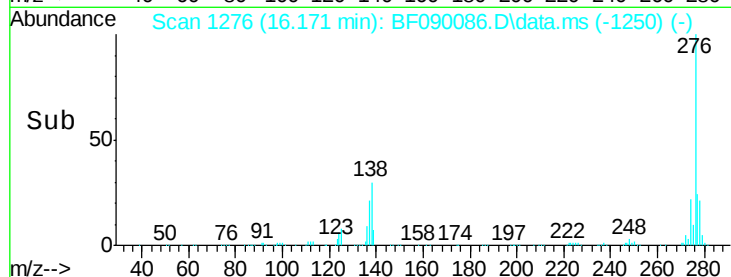
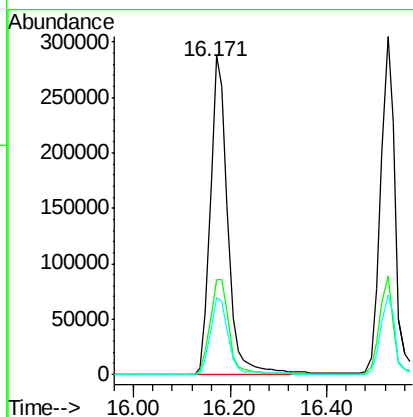
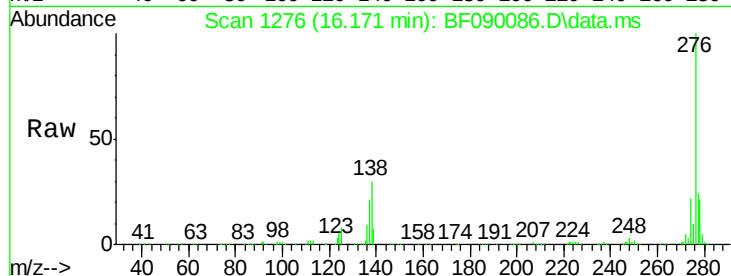




#85
Indeno(1,2,3-cd)pyrene
Concen: 49.87 ng
RT: 16.171 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

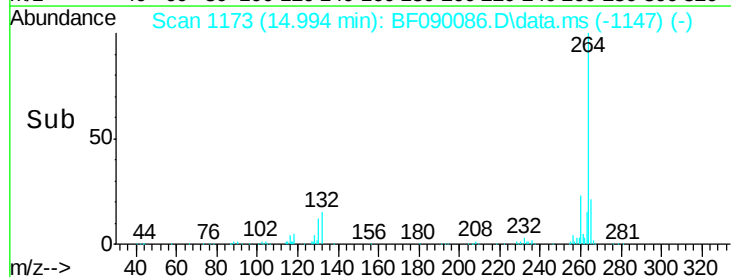
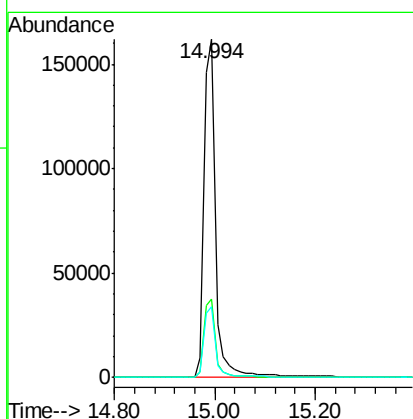
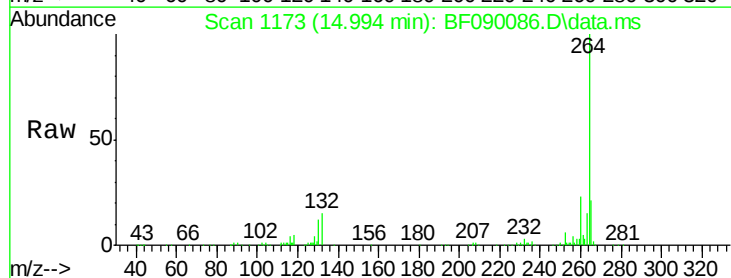
Instrument :
BNA_F
ClientSampleId :
PB93381BS

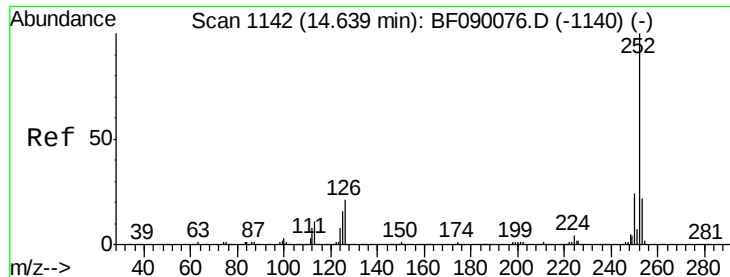
Tot Ion:276 Resp: 739792
Ion Ratio Lower Upper
276 100
138 32.7 25.9 38.9
277 25.1 19.9 29.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.994 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion:264 Resp: 260029
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 20.7 17.0 25.4

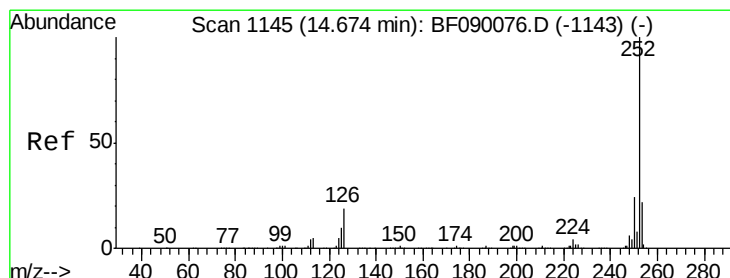
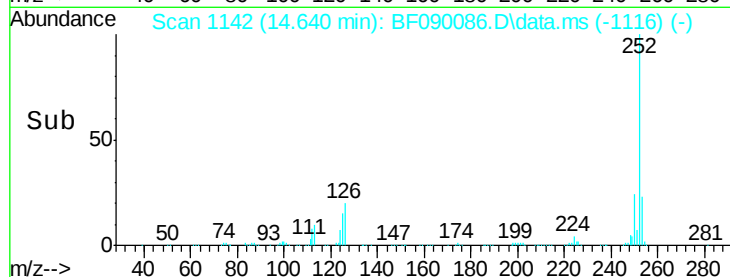
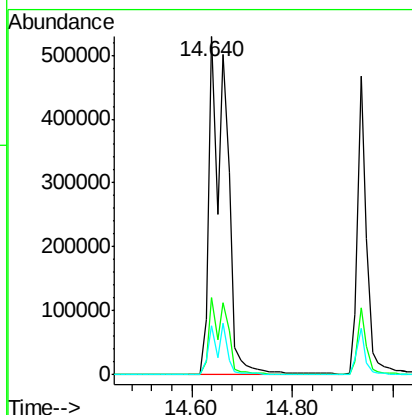
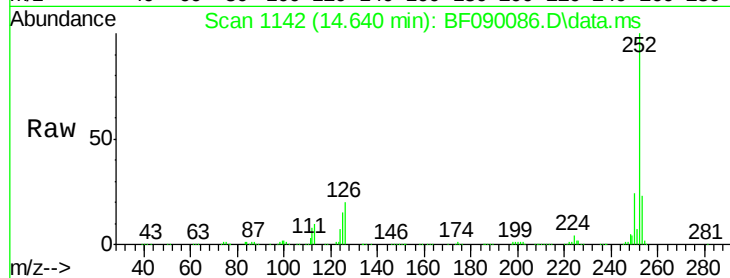




#87
Benzo(b)fluoranthene
Concen: 81.91 ng
RT: 14.640 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

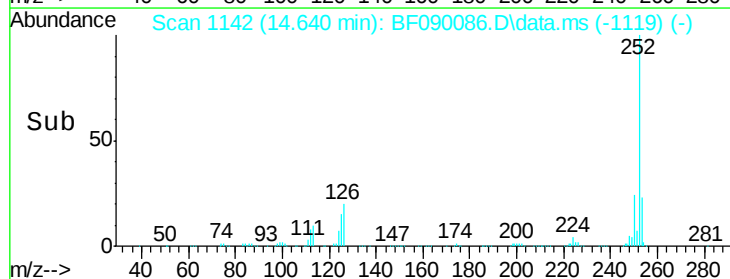
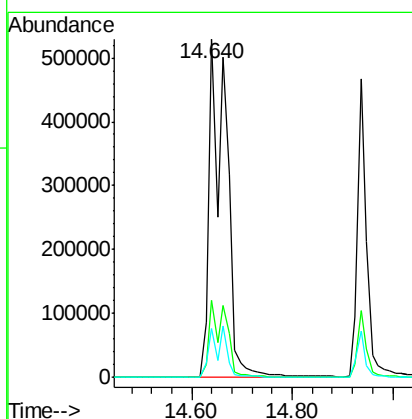
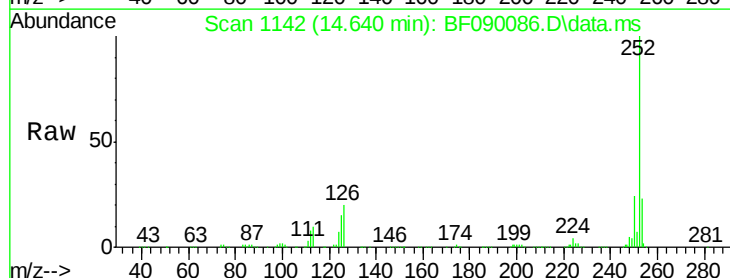
Instrument :
BNA_F
ClientSampleId :
PB93381BS

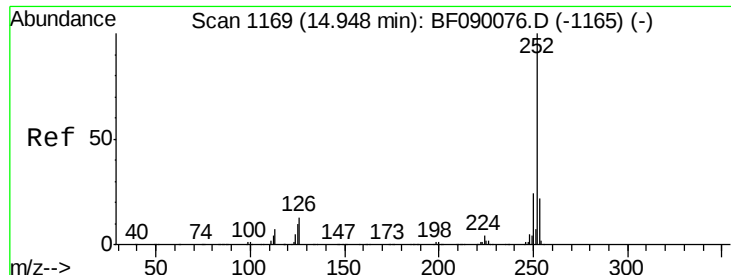
Tot Ion:252 Resp: 1248682
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 14.5 12.7 19.1



#88
Benzo(k)fluoranthene
Concen: 90.99 ng
RT: 14.640 min Scan# 1142
Delta R.T. -0.034 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion:252 Resp: 1248682
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 14.5 7.8 11.6#





#89

Benzo(a)pyrene

Concen: 43.93 ng

RT: 14.937 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

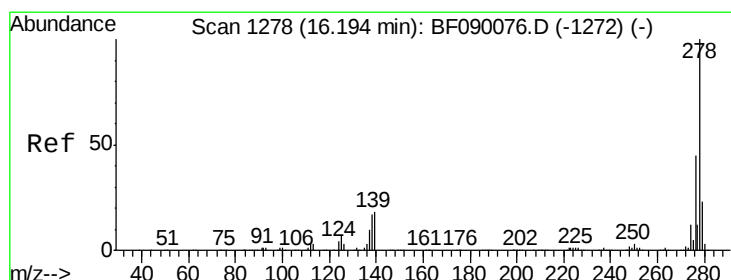
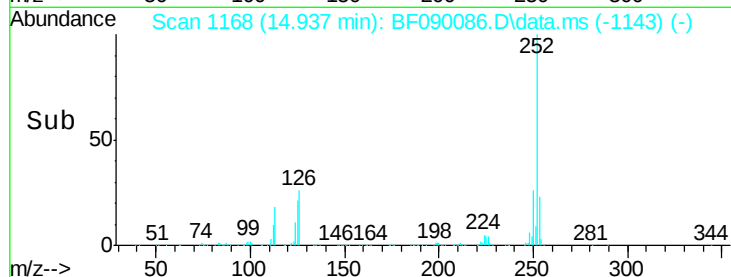
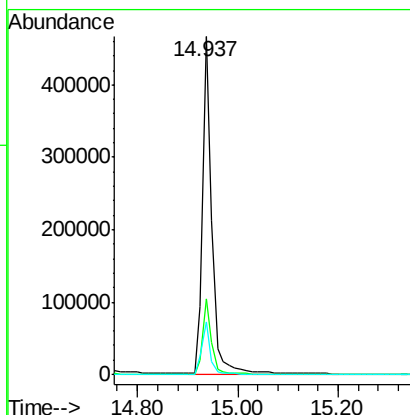
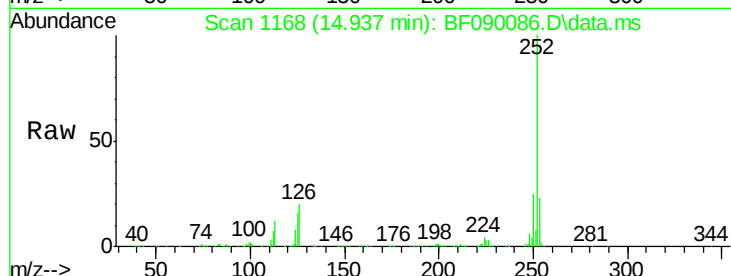
Tot Ion:252 Resp: 600569

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 15.7 7.7 11.5#



#90

Dibenzo(a,h)anthracene

Concen: 58.16 ng

RT: 16.194 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

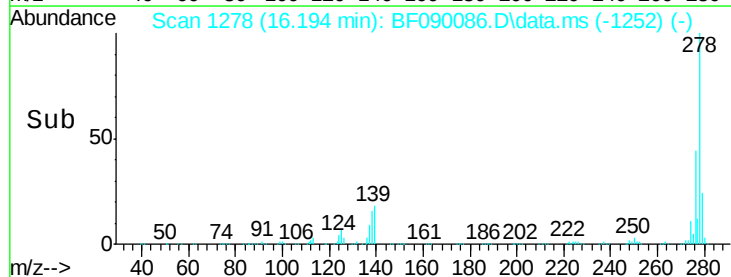
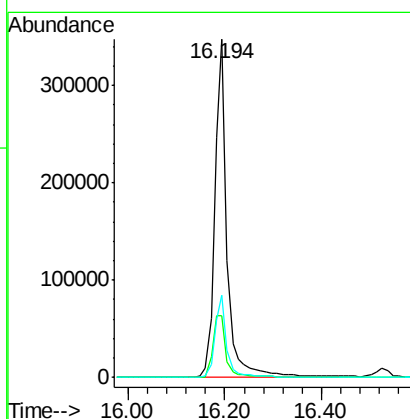
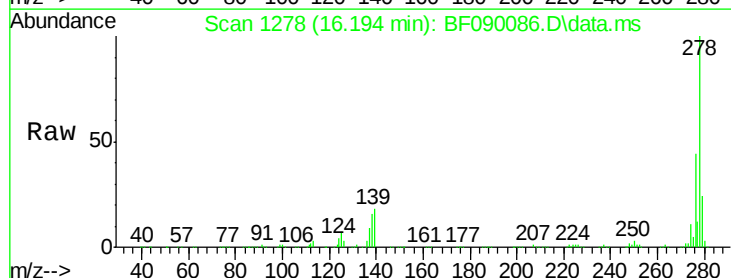
Tgt Ion:278 Resp: 622686

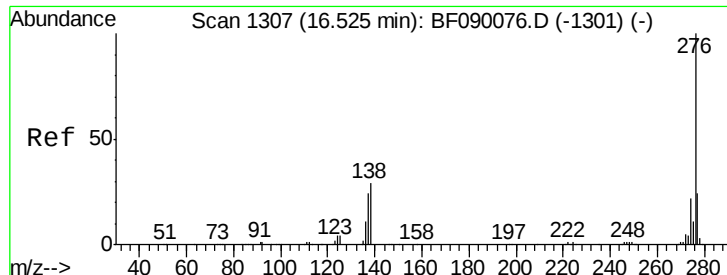
Ion Ratio Lower Upper

278 100

139 18.2 14.6 21.8

279 24.1 18.8 28.2





#91

Benzo(a,h,i)perylene

Concen: 62.61 ng

RT: 16.525 min Scan# 13

Delta R.T. 0.000 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

Tot Ion:276 Resp: 639681

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 29.1 23.3 34.9

