

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090835.D
 Acq On : 26 Oct 2016 11:39
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:47:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 13:44:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	188920	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	865571	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	429514	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	744582	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	688926	20.00	ng	-0.01
86) Perylene-d12	15.37	264	623198	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	50008	4.27	ng	0.00
7) Phenol-d6	6.42	99	80468	5.07	ng	-0.01
23) Nitrobenzene-d5	7.36	82	73370	4.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	20901	6.15	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	156512	5.66	ng	-0.01
78) Terphenyl-d14	12.90	244	166298	5.53	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.36	88	12843	1.89	ng	# 74
3) Pyridine	3.15	79	25332	1.59	ng	# 68
4) n-Nitrosodimethylamine	3.08	42	6966	1.28	ng	# 92
6) Aniline	6.45	93	39612	2.20	ng	# 61
8) 2-Chlorophenol	6.57	128	36586	2.60	ng	# 88
9) Benzaldehyde	6.34	77	22958	2.65	ng	# 81
10) Phenol	6.43	94	47571	2.67	ng	# 67
11) bis(2-Chloroethyl)ether	6.52	93	33888	2.26	ng	# 91
12) 1,3-Dichlorobenzene	6.73	146	35429	2.51	ng	# 92
13) 1,4-Dichlorobenzene	6.81	146	37646	2.51	ng	# 93
14) 1,2-Dichlorobenzene	6.81	146	37724	2.57	ng	# 94
15) Benzyl Alcohol	6.93	79	25017	2.32	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	7.07	45	57924	2.58	ng	# 69
17) 2-Methylphenol	7.05	107	26563	2.51	ng	# 80
18) Hexachloroethane	7.30	117	15980	2.63	ng	# 91
19) n-Nitroso-di-n-propylamine	7.20	70	32185	2.72	ng	# 70
20) 3+4-Methylphenols	7.21	107	29076	2.32	ng	# 63
22) Acetophenone	7.20	105	49529	2.57	ng	# 74
24) Nitrobenzene	7.37	77	39100	2.29	ng	# 62
25) Isophorone	7.61	82	80470	2.69	ng	# 87
26) 2-Nitrophenol	7.70	139	14820	2.12	ng	# 58
27) 2,4-Dimethylphenol	7.73	122	28604	2.31	ng	# 81
28) bis(2-Chloroethoxy)methane	7.84	93	41314	2.53	ng	# 94
29) 2,4-Dichlorophenol	7.94	162	23930	2.35	ng	# 95
30) 1,2,4-Trichlorobenzene	8.02	180	30118	2.52	ng	# 97
31) Naphthalene	8.10	128	119167	2.81	ng	# 99
32) Benzoic acid	7.81	122	9434	8.46	ng	# 76
33) 4-Chloroaniline	8.16	127	35985	2.29	ng	# 88
34) Hexachlorobutadiene	8.22	225	15616	2.32	ng	# 98
35) Caprolactam	8.48	113	7832	2.70	ng	# 98
36) 4-Chloro-3-methylphenol	8.64	107	30757	2.60	ng	# 85
37) 2-Methylnaphthalene	8.78	142	66639	2.69	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	28741	2.48	ng	# 98
40) Hexachlorocyclopentadiene	8.94	237	7724	1.42	ng	# 95

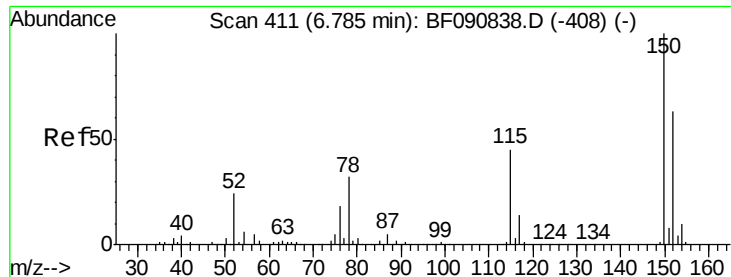
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	17356	2.41	ng	97
43) 2,4,5-Trichlorophenol	9.12	196	19690	2.70	ng	94
45) 1,1'-Biphenyl	9.25	154	92837	2.75	ng	95
46) 2-Chloronaphthalene	9.28	162	66489	2.65	ng	# 92
47) 2-Nitroaniline	9.38	65	18963	2.28	ng	# 70
48) Acenaphthylene	9.69	152	115466	3.02	ng	99
49) Dimethylphthalate	9.55	163	85513	3.17	ng	# 97
50) 2,6-Dinitrotoluene	9.62	165	14735	2.54	ng	# 83
51) Acenaphthene	9.86	154	72556	2.86	ng	88
52) 3-Nitroaniline	9.79	138	17241	2.58	ng	# 70
53) 2,4-Dinitrophenol	9.90	184	1591	3.58	ng	# 1
54) Dibenzofuran	10.03	168	90889	2.95	ng	# 86
55) 4-Nitrophenol	10.03	139	43410	15.74	ng	# 31
56) 2,4-Dinitrotoluene	10.02	165	19066	2.69	ng	# 85
57) Fluorene	10.37	166	80157	3.14	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.11	232	13831	2.41	ng	95
59) Diethylphthalate	10.25	149	83479	2.98	ng	94
60) 4-Chlorophenyl-phenylether	10.37	204	36400	3.12	ng	97
61) 4-Nitroaniline	10.41	138	13187	1.95	ng	# 42
62) Azobenzene	10.53	77	82035	2.50	ng	88
64) 4,6-Dinitro-2-methylphenol	10.43	198	5887	5.31	ng	91
65) n-Nitrosodiphenylamine	10.49	169	60049	2.52	ng	89
66) 4-Bromophenyl-phenylether	10.86	248	19571	2.71	ng	# 92
67) Hexachlorobenzene	10.92	284	24675	2.90	ng	# 89
68) Atrazine	11.01	200	19983	3.04	ng	84
69) Pentachlorophenol	11.13	266	7935	3.59	ng	99
70) Phenanthrene	11.33	178	112615	2.97	ng	98
71) Anthracene	11.39	178	113031	2.69	ng	98
72) Carbazole	11.55	167	94646	2.69	ng	96
73) Di-n-butylphthalate	11.88	149	136350	2.99	ng	# 98
74) Fluoranthene	12.52	202	121469	3.31	ng	93
76) Benzidine	12.66	184	36177	2.36	ng	# 97
77) Pyrene	12.75	202	126849	2.64	ng	97
79) Butylbenzylphthalate	13.38	149	45413	2.05	ng	94
80) Benzo(a)anthracene	13.94	228	100858	2.68	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	35925	2.75	ng	# 92
82) Chrysene	13.97	228	103074	2.80	ng	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	63918	2.02	ng	# 93
84) Di-n-octyl phthalate	14.56	149	108130	2.25	ng	# 83
85) Indeno(1,2,3-cd)pyrene	16.73	276	97344	3.03	ng	# 88
87) Benzo(b)fluoranthene	14.99	252	197986	5.17	ng	# 85
88) Benzo(k)fluoranthene	14.99	252	197988	5.14	ng	# 87
89) Benzo(a)pyrene	15.30	252	98279	2.73	ng	# 89
90) Dibenzo(a,h)anthracene	16.74	278	83070	2.41	ng	# 82
91) Benzo(g,h,i)perylene	17.13	276	84730	2.53	ng	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF090835.D

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ClientSampleId :

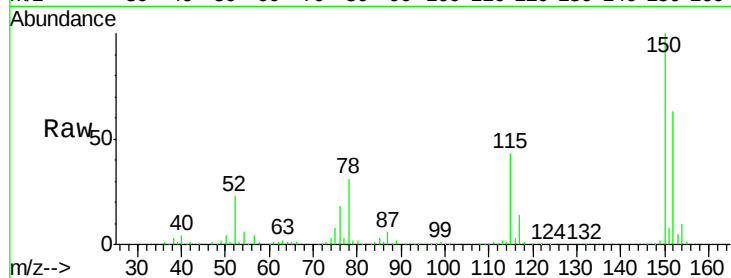
Tot Ion:152 Resp: 188920

Ion Ratio Lower Upper

152 100

150 158.4 124.7 187.1

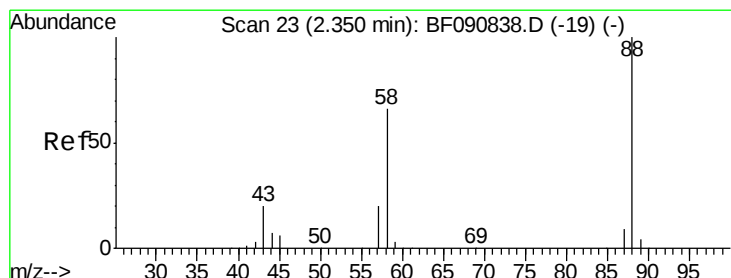
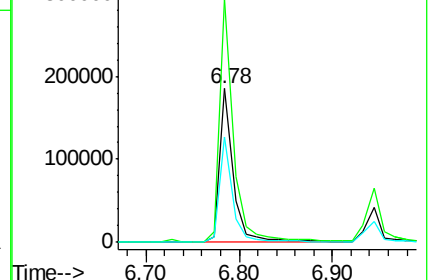
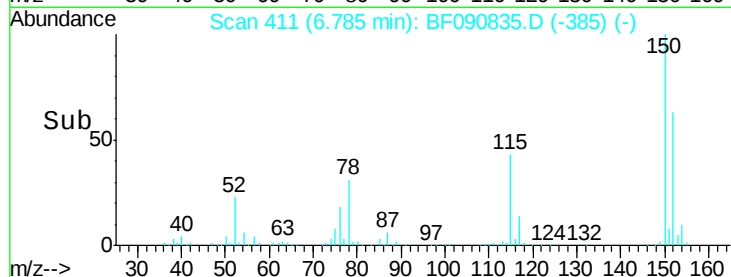
115 68.2 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.89 ng

RT: 2.36 min Scan# 24

Delta R.T. 0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

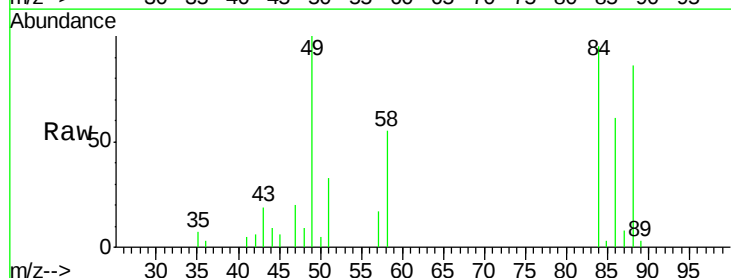
Tgt Ion: 88 Resp: 12843

Ion Ratio Lower Upper

88 100

58 68.1 77.7 116.5#

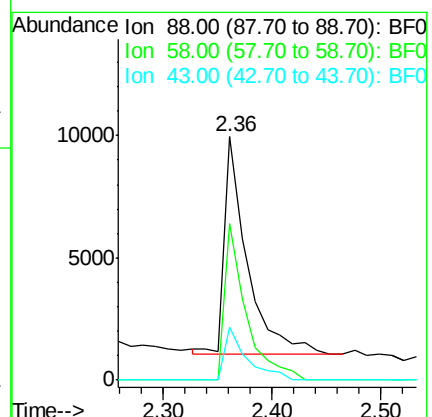
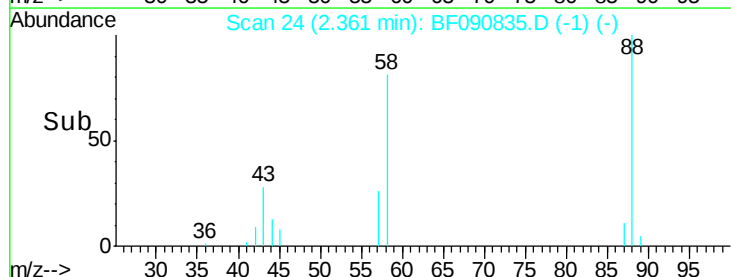
43 24.1 26.6 40.0#

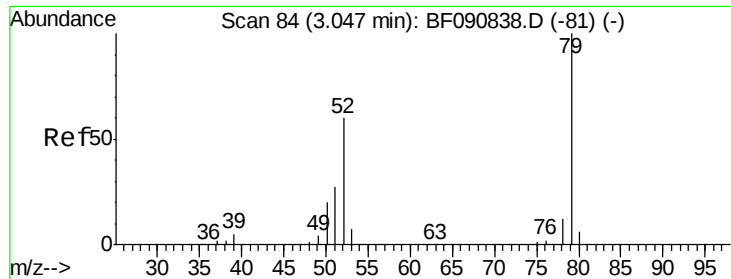


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

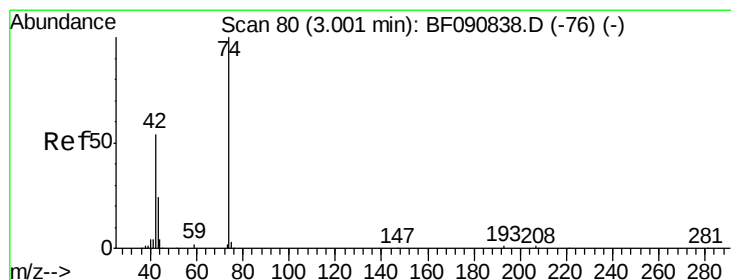
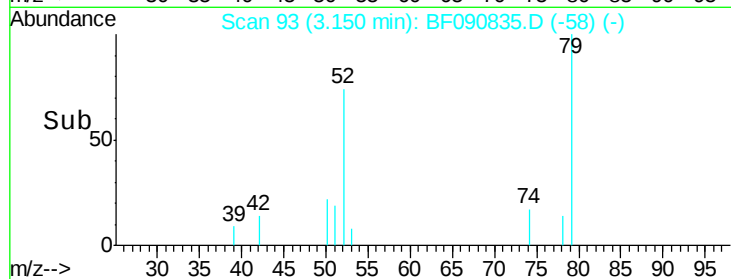
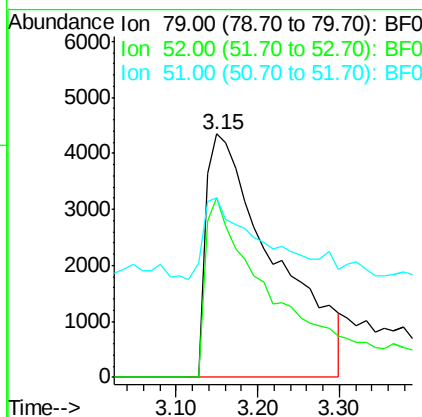
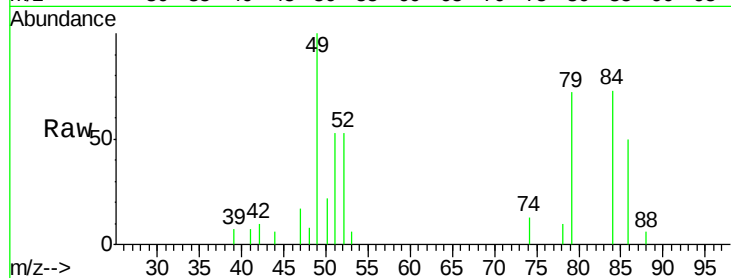




#3
 Pvridine
 Concen: 1.59 ng
 RT: 3.15 min Scan# 93
 Delta R.T. 0.10 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

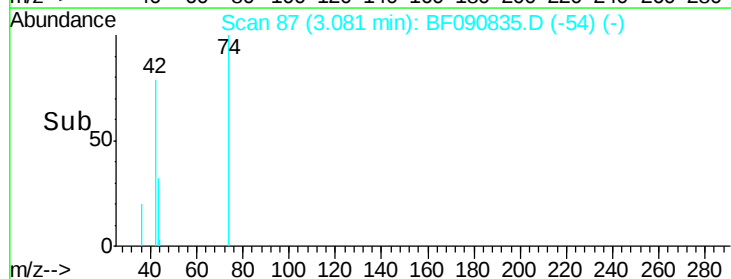
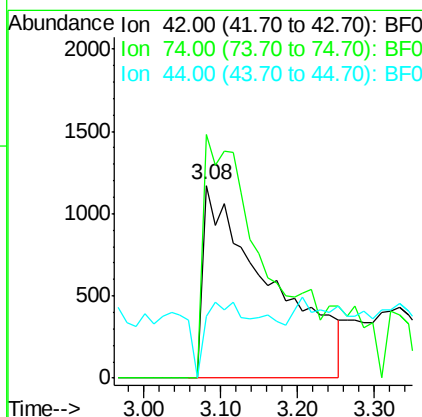
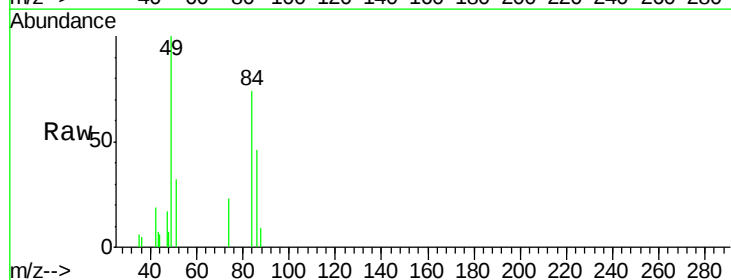
Instrument :
 BNA_F
 ClientSampleId :

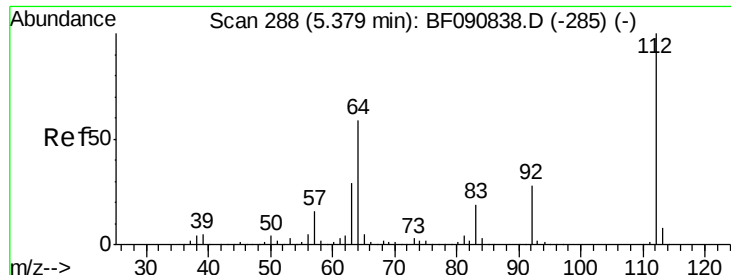
Tot Ion: 79 Resp: 25332
 Ion Ratio Lower Upper
 79 100
 52 73.6 76.8 115.2#
 51 74.0 32.2 48.4#



#4
 n-Nitrosodimethylamine
 Concen: 1.28 ng
 RT: 3.08 min Scan# 87
 Delta R.T. 0.08 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Tgt Ion: 42 Resp: 6966
 Ion Ratio Lower Upper
 42 100
 74 126.3 105.0 157.6
 44 32.4 6.6 10.0#





#5

2-Fluorophenol

Concen: 4.27 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

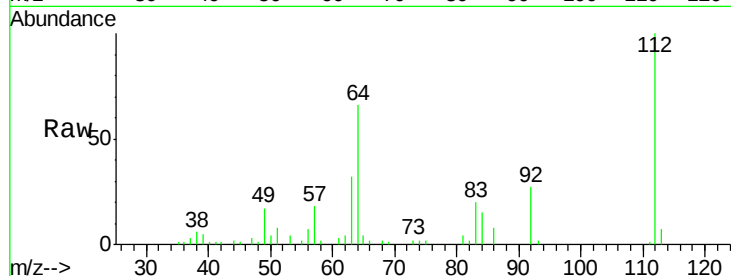
Tot Ion:112 Resp: 50008

Ion Ratio Lower Upper

112 100

64 65.8 39.7 59.5#

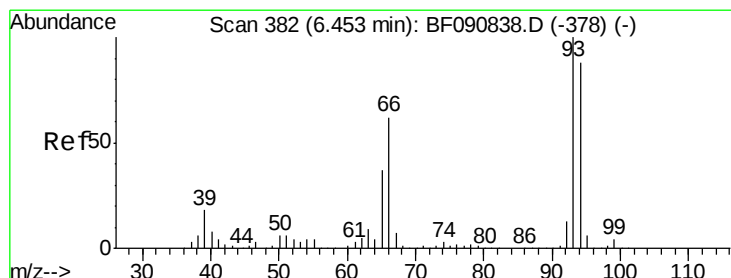
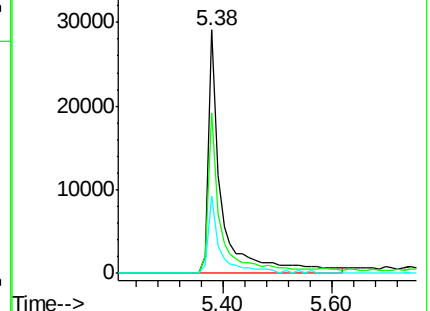
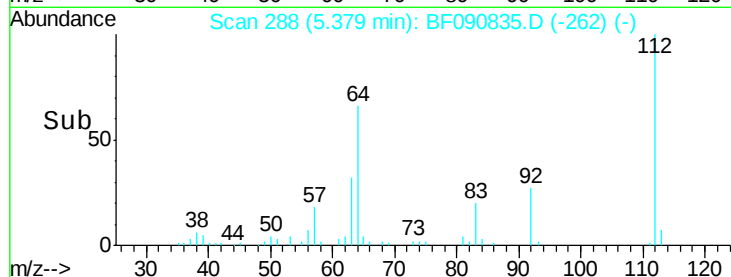
63 31.8 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.20 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

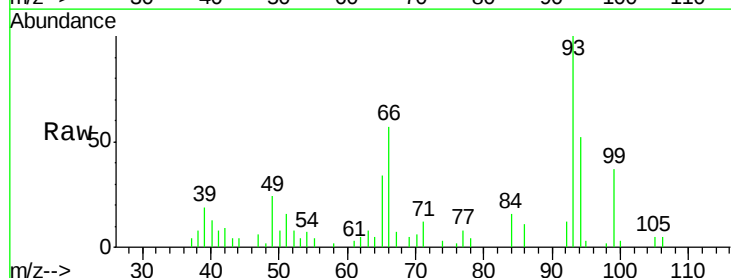
Tgt Ion: 93 Resp: 39612

Ion Ratio Lower Upper

93 100

66 57.4 27.2 40.8#

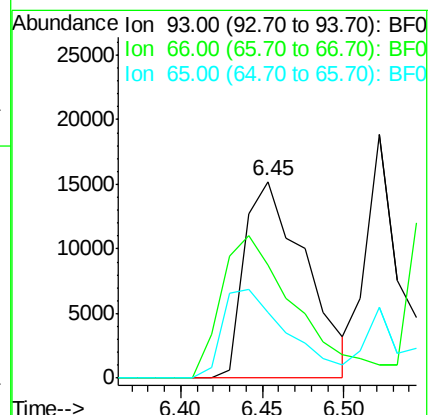
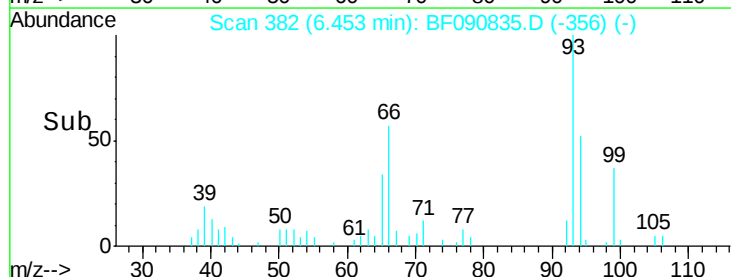
65 33.7 14.7 22.1#

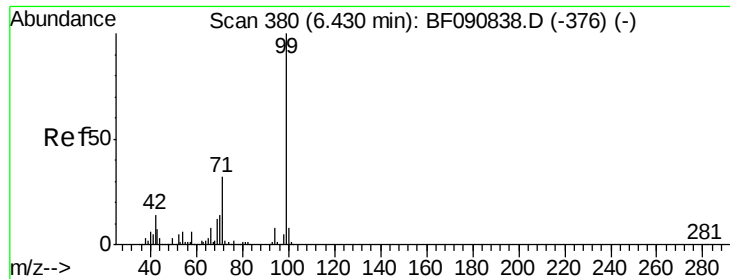


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.07 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

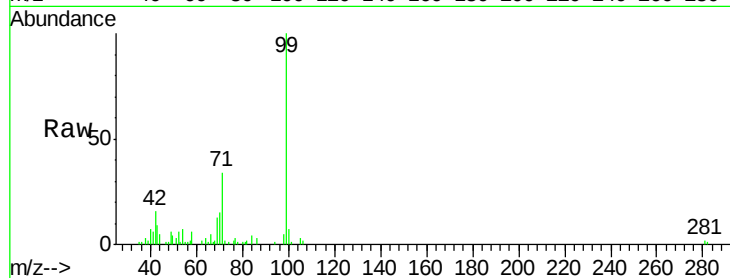
Tot Ion: 99 Resp: 80468

Ion Ratio Lower Upper

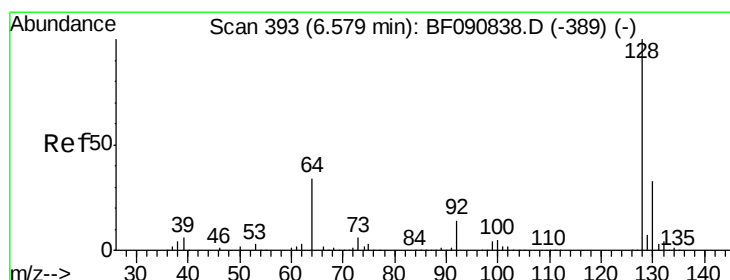
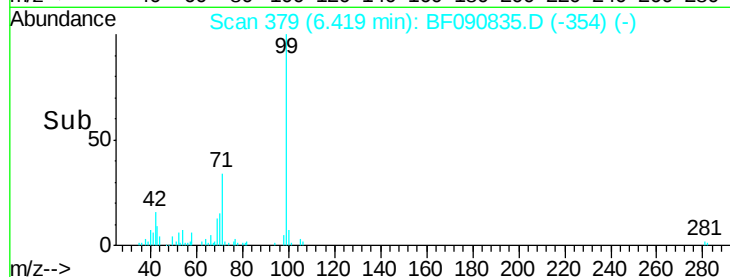
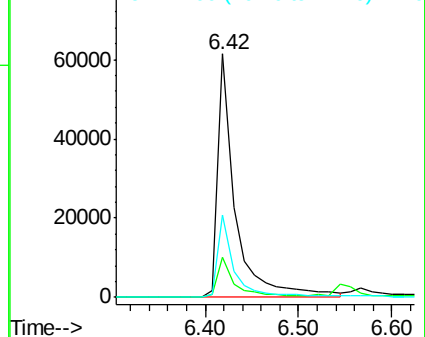
99 100

42 16.3 13.7 20.5

71 34.1 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 2.60 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

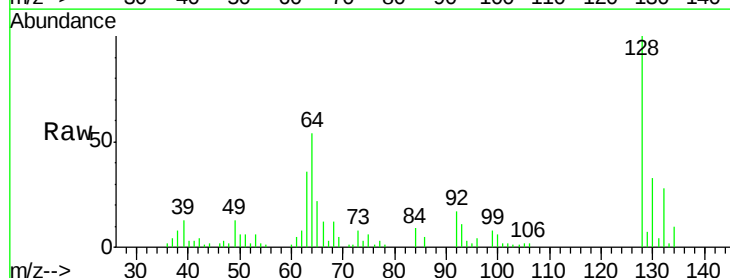
Tgt Ion: 128 Resp: 36586

Ion Ratio Lower Upper

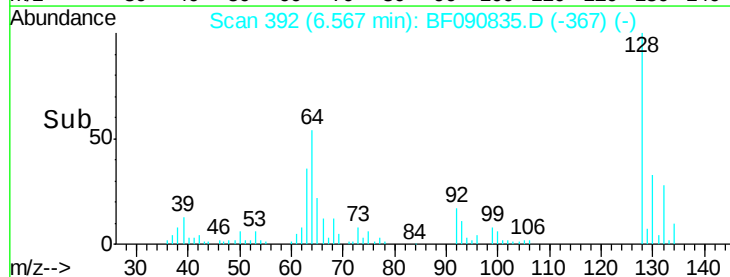
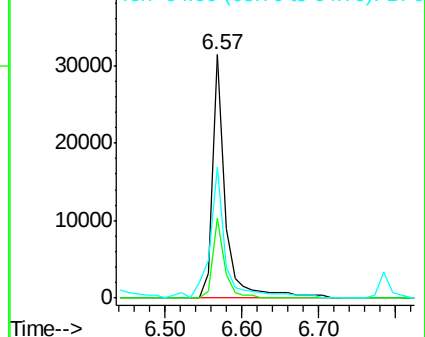
128 100

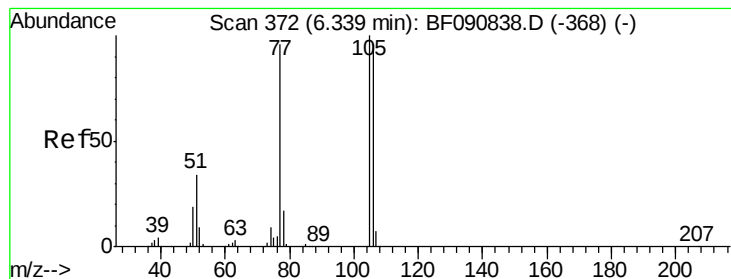
130 33.0 12.2 52.2

64 53.6 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.65 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

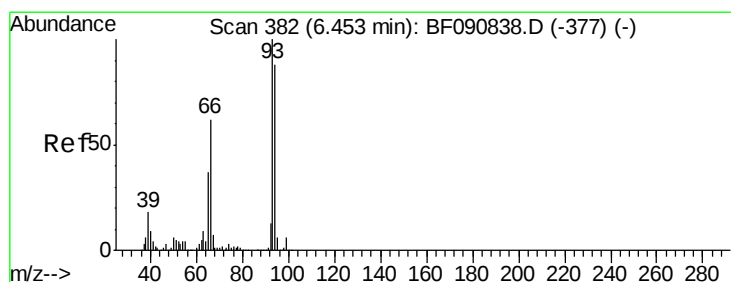
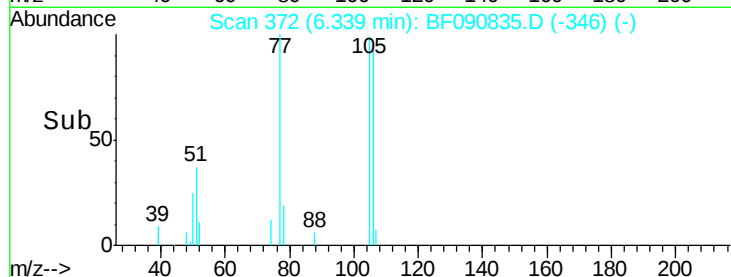
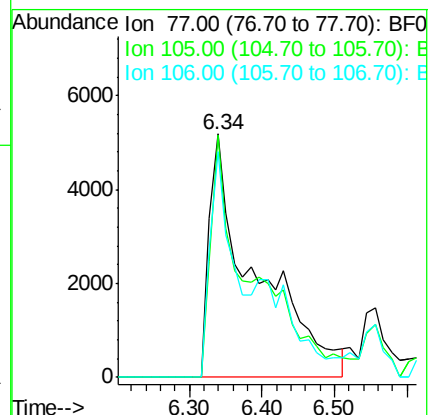
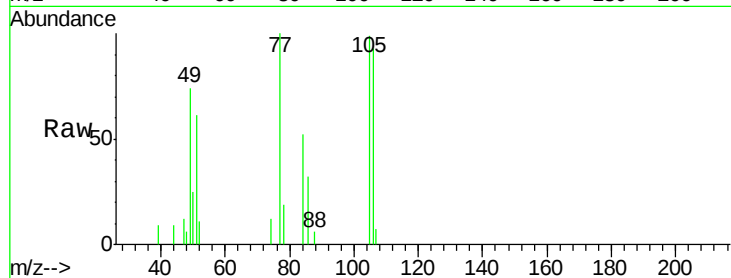
Tot Ion: 77 Resp: 22958

Ion Ratio Lower Upper

77 100

105 99.3 91.6 131.6

106 92.8 102.6 142.6#



#10

Phenol

Concen: 2.67 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

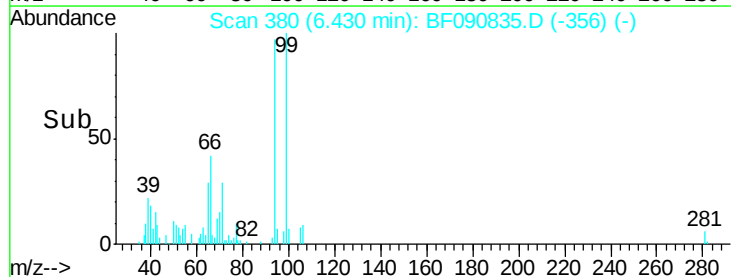
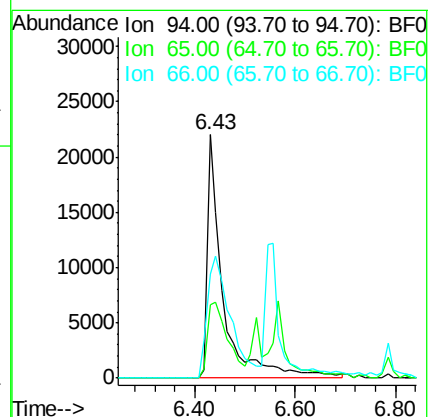
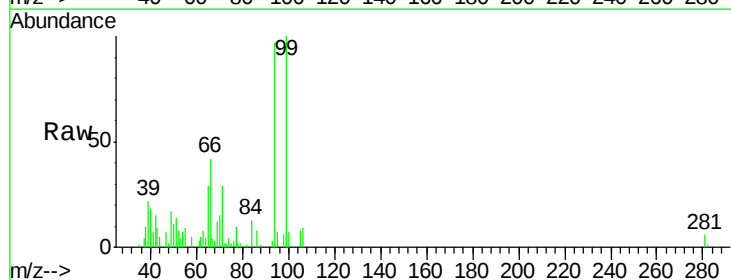
Tgt Ion: 94 Resp: 47571

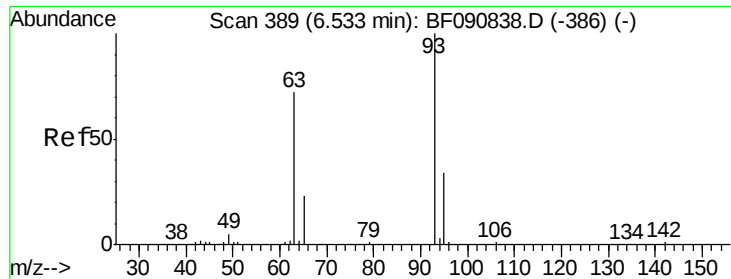
Ion Ratio Lower Upper

94 100

65 30.0 0.7 40.7

66 42.7 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 2.26 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

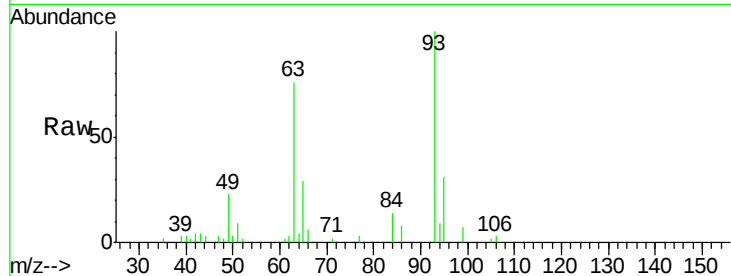
Tot Ion: 93 Resp: 33888

Ion Ratio Lower Upper

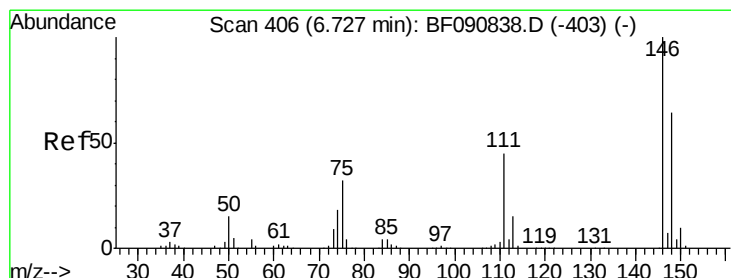
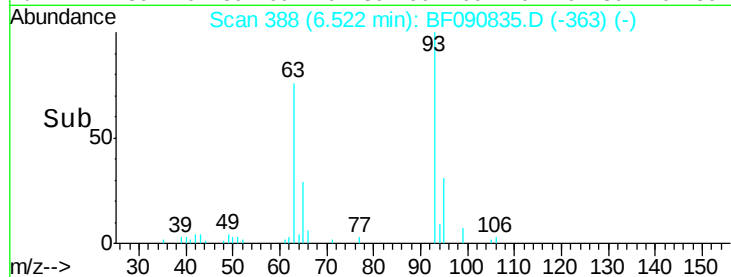
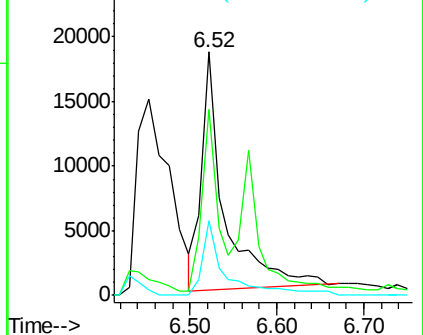
93 100

63 76.2 65.6 105.6

95 30.6 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 2.51 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

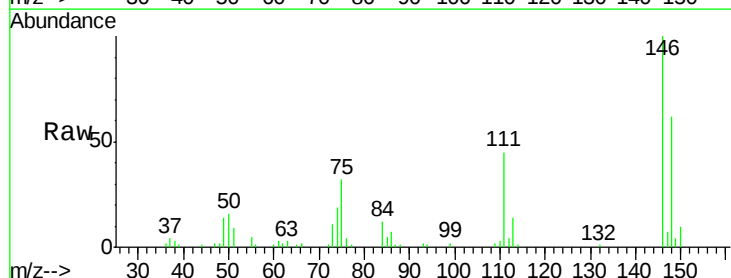
Tgt Ion: 146 Resp: 35429

Ion Ratio Lower Upper

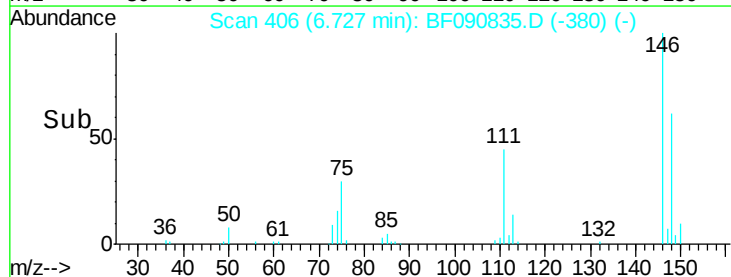
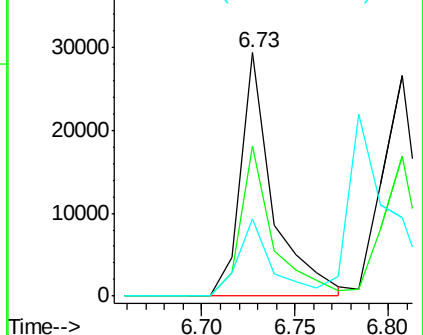
146 100

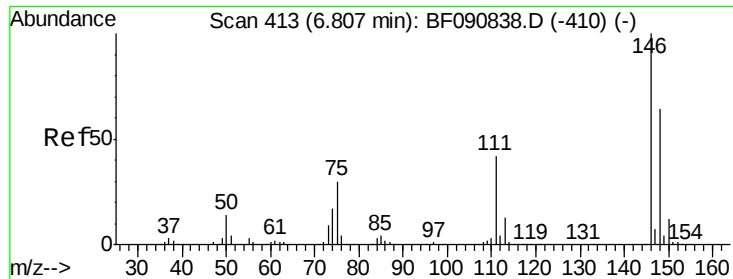
148 61.9 51.0 76.4

75 31.7 15.0 22.6#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

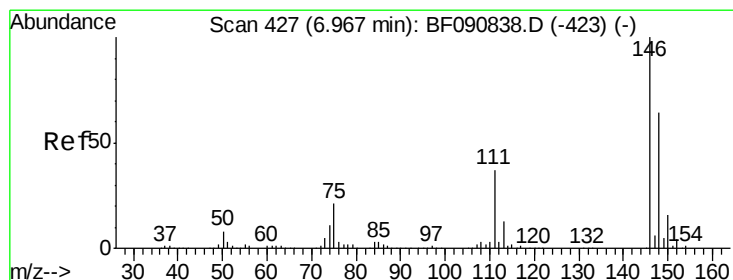
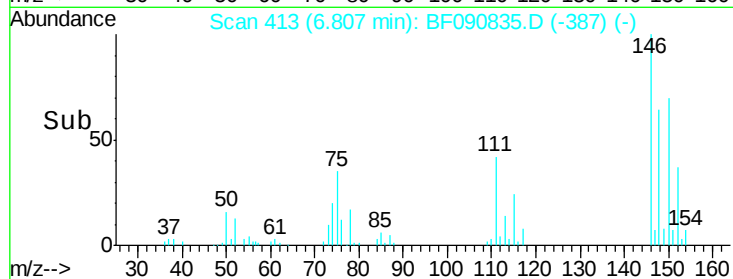
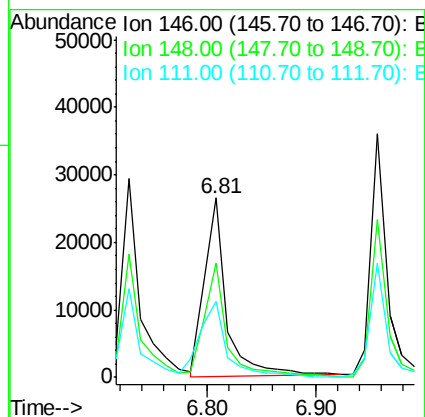
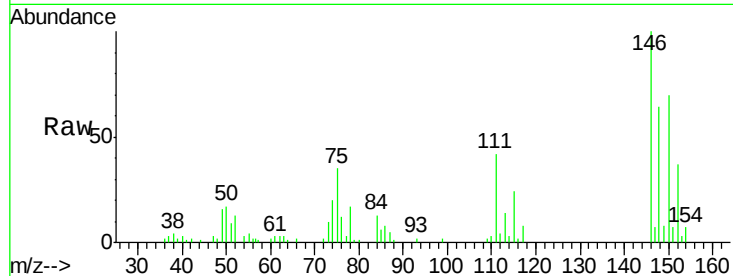




#13
 1,4-Dichlorobenzene
 Concen: 2.51 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

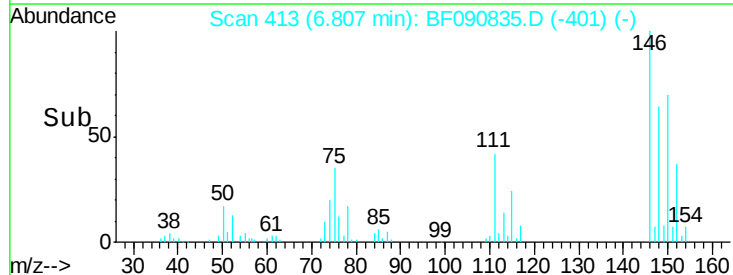
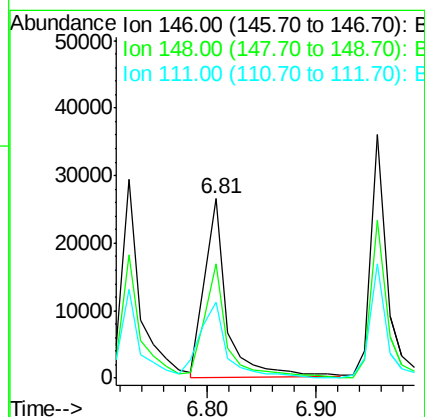
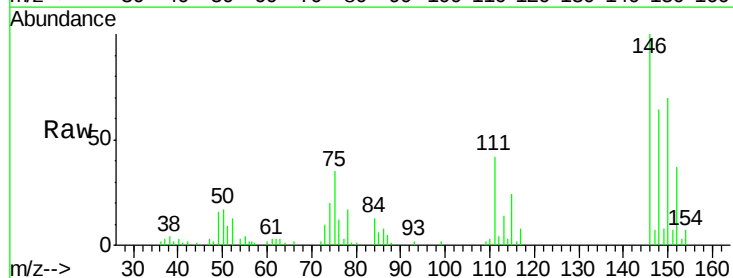
Instrument :
 BNA_F
 ClientSampled :

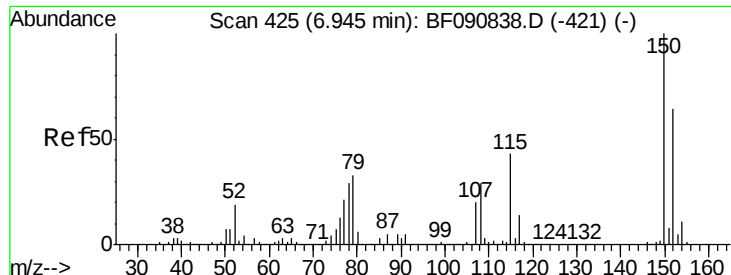
Tot Ion:146 Resp: 37646
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 42.5 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 2.57 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.16 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Tgt Ion:146 Resp: 37724
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.7 79.1
 111 42.5 28.8 43.2





#15

Benzyl Alcohol

Concen: 2.32 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampled :

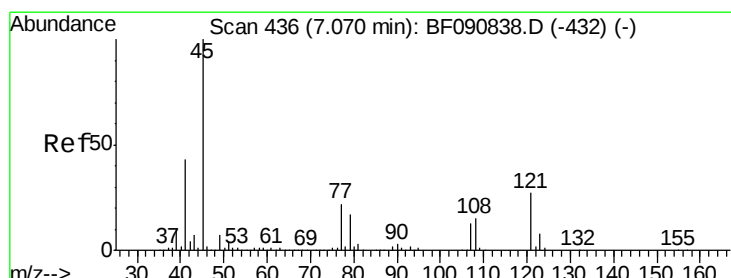
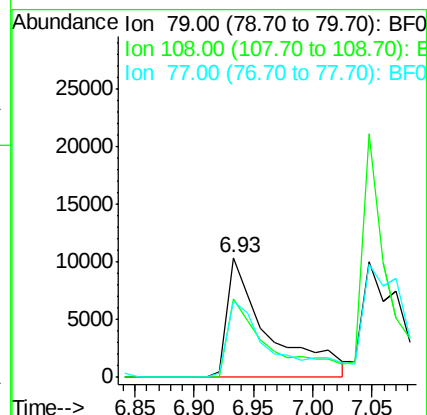
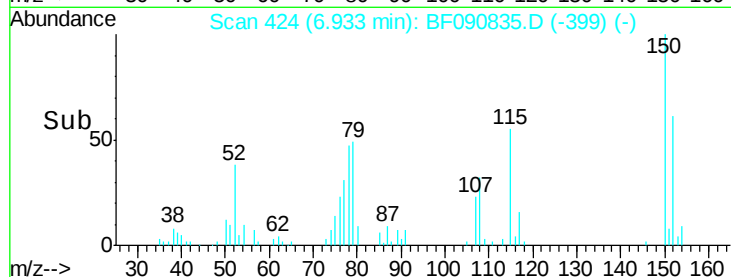
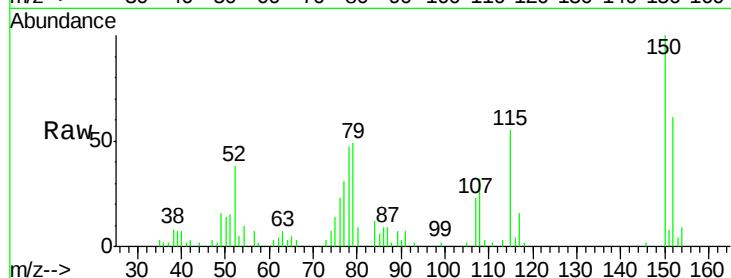
Tot Ion: 79 Resp: 25017

Ion Ratio Lower Upper

79 100

108 65.5 88.6 132.8#

77 63.5 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.58 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

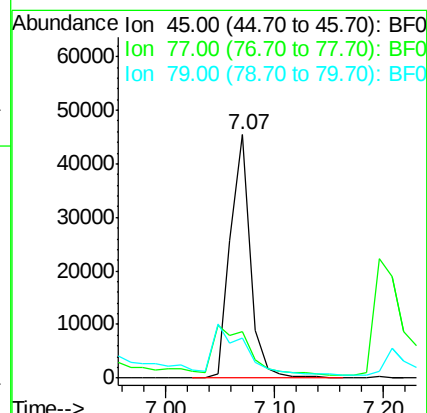
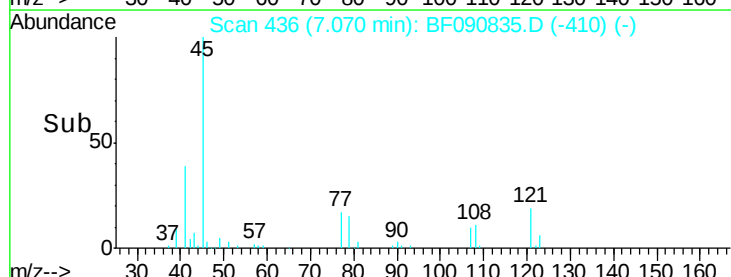
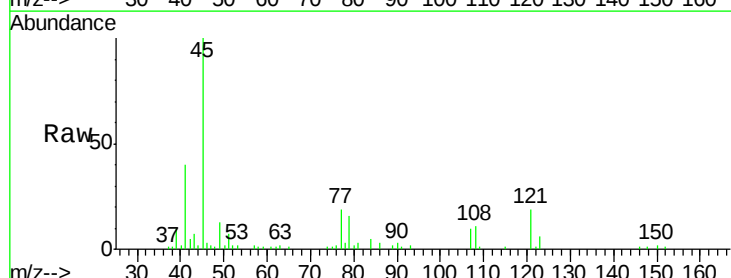
Tgt Ion: 45 Resp: 57924

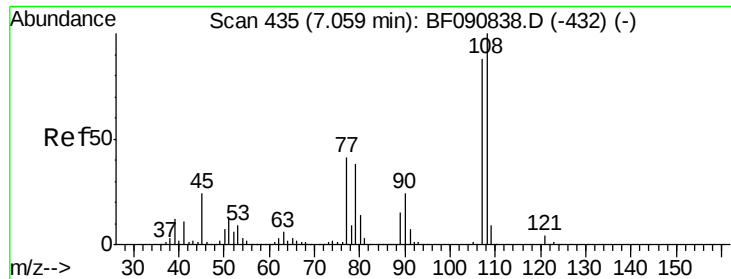
Ion Ratio Lower Upper

45 100

77 19.0 0.0 28.1

79 16.4 0.0 26.0

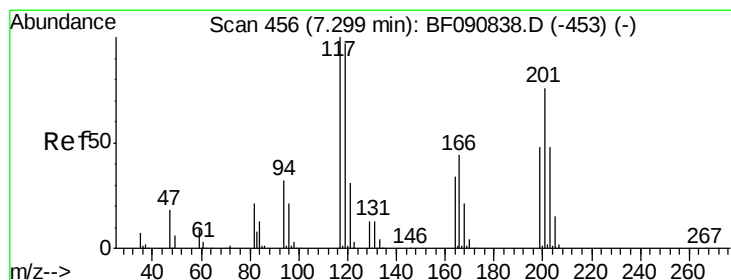
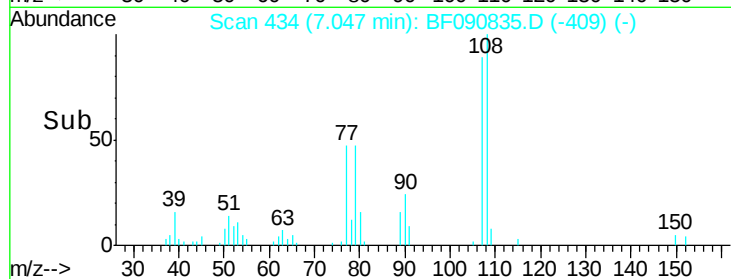
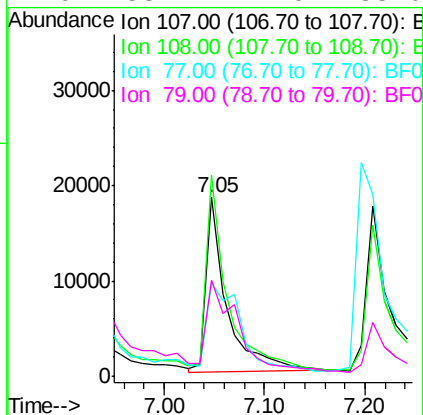
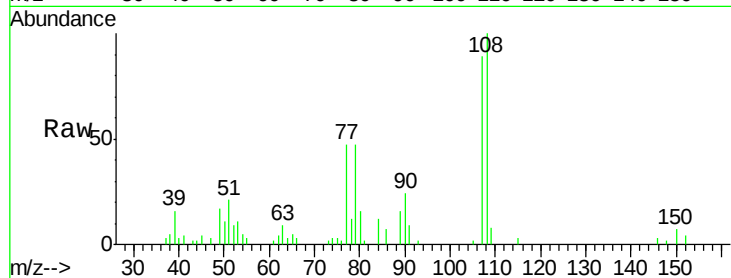




#17
2-Methylphenol
Concen: 2.51 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

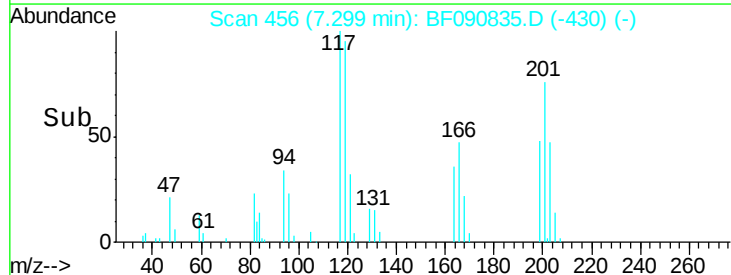
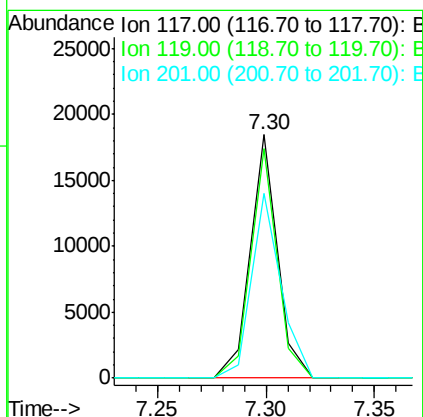
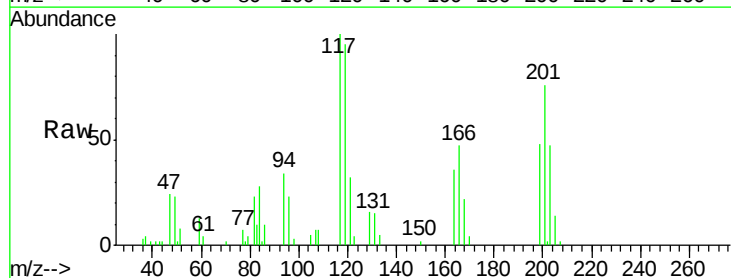
Instrument :
BNA_F
ClientSampleId :

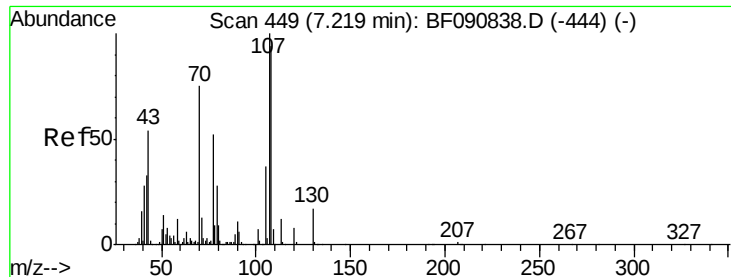
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	96.6	145.0
77	52.5	23.3	34.9#
79	53.4	22.0	33.0#



#18
Hexachloroethane
Concen: 2.63 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	83.8	125.6
201	75.8	55.1	82.7

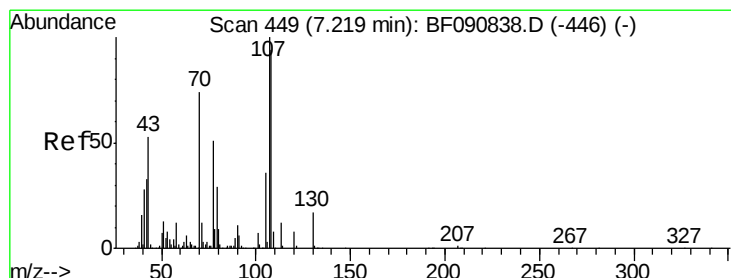
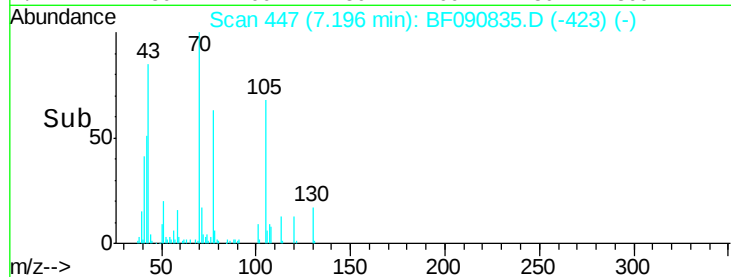
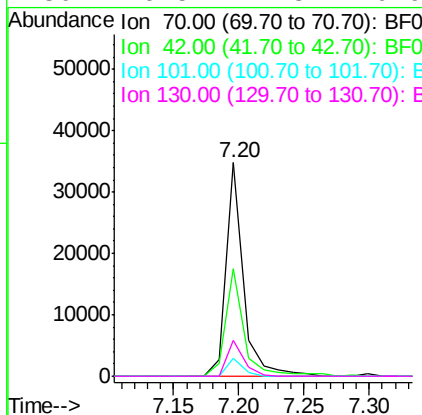
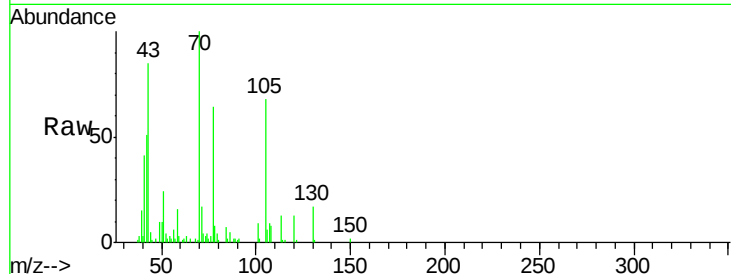




#19
n-Nitroso-di-n-propylamine
Concen: 2.72 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

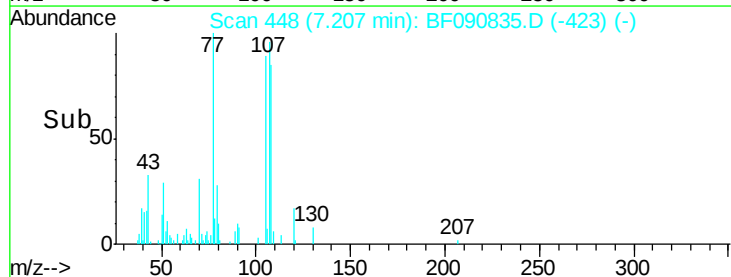
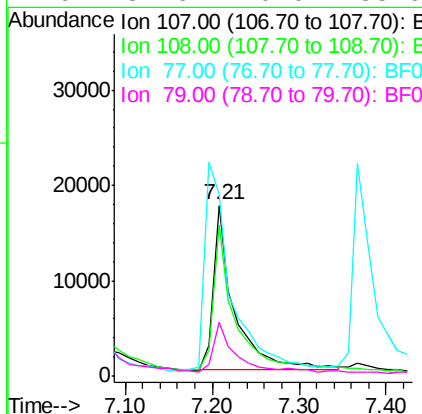
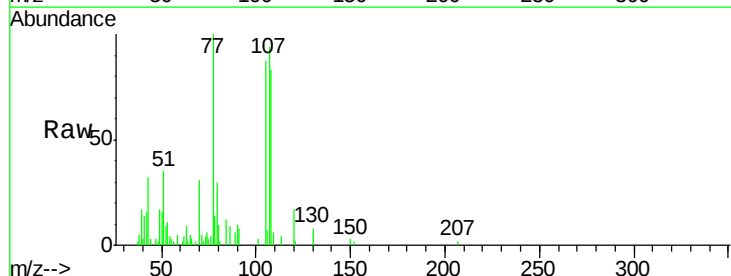
Instrument :
BNA_F
ClientSampleId :

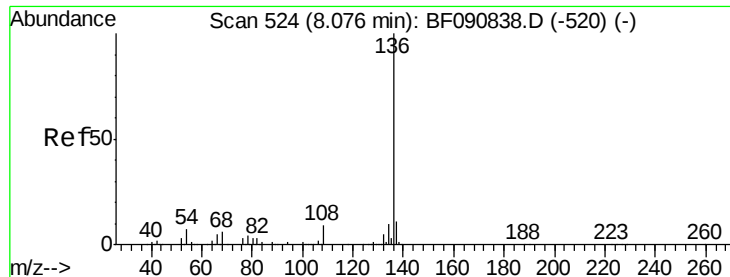
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.6	63.8	95.6#
101	8.6	9.2	13.8#
130	16.5	27.3	40.9#



#20
3+4-Methylphenols
Concen: 2.32 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	74.6	114.6
77	106.3	0.7	40.7#
79	31.6	0.0	38.9

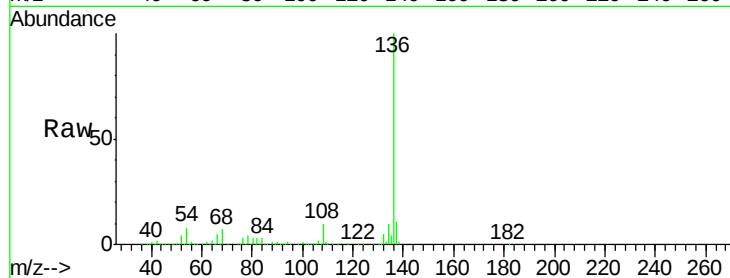




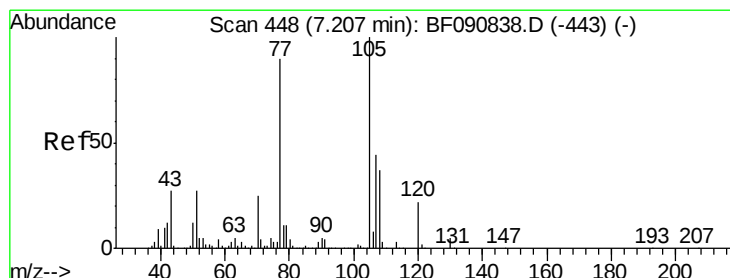
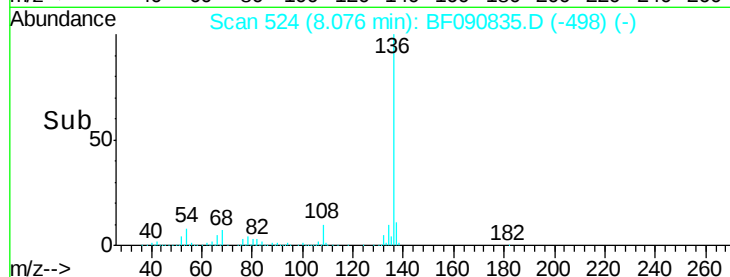
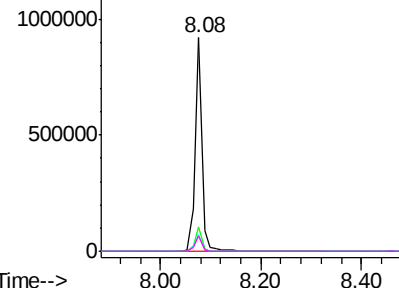
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	865571
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	7.8	8.2 12.2#
68	7.2	5.8 8.6

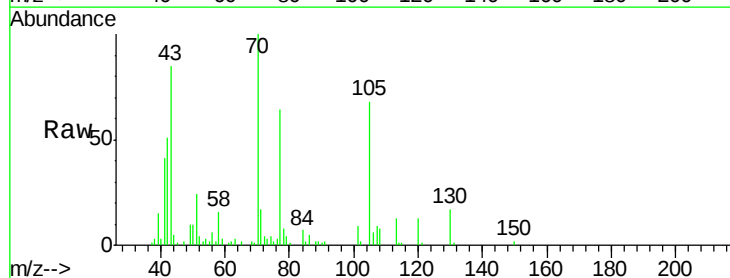


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

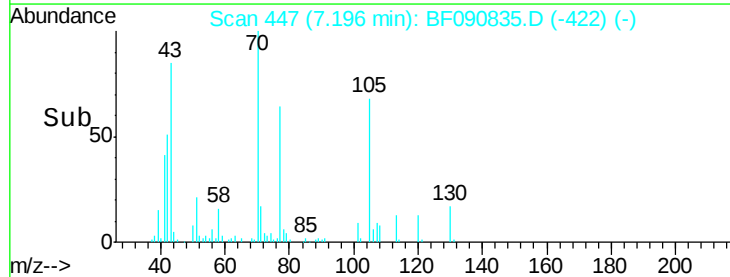
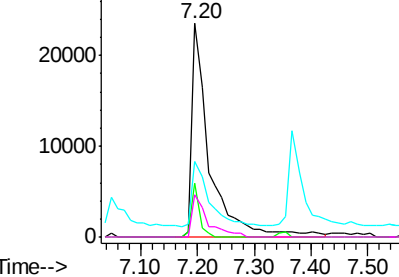


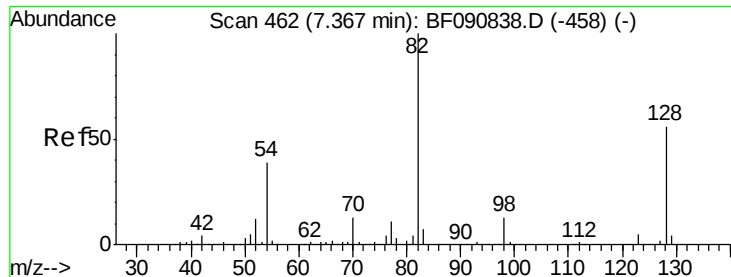
#22
Acetophenone
Concen: 2.57 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion:105	Resp:	49529
Ion Ratio	Lower	Upper
105	100	
71	25.5	4.7 7.1#
51	35.3	22.0 33.0#
120	19.8	30.1 45.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

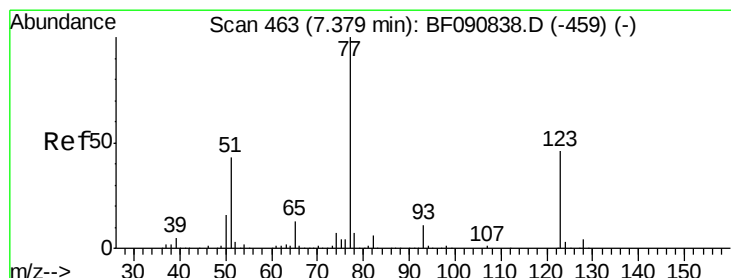
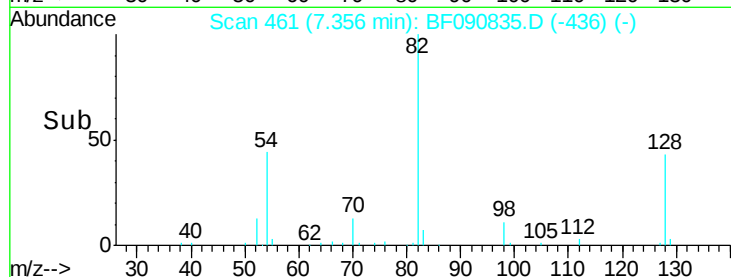
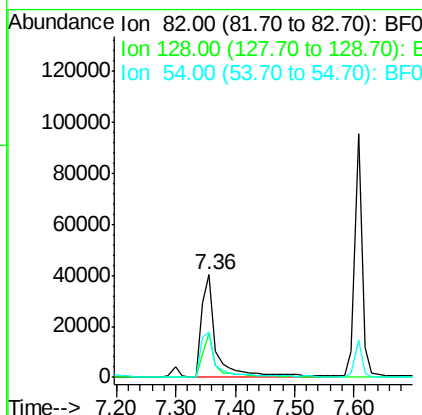
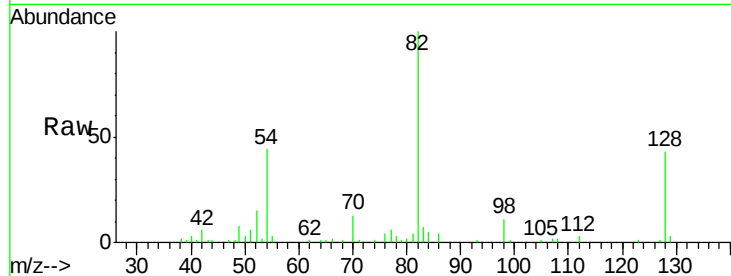




#23
 Nitrobenzene-d5
 Concen: 4.65 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

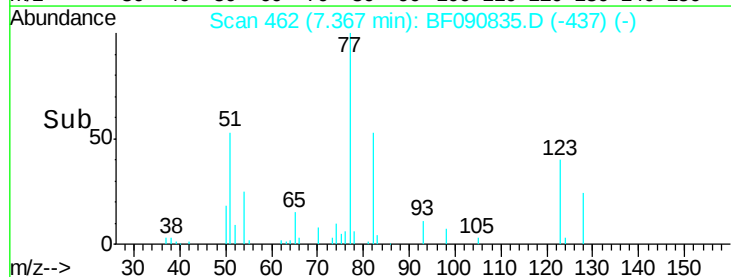
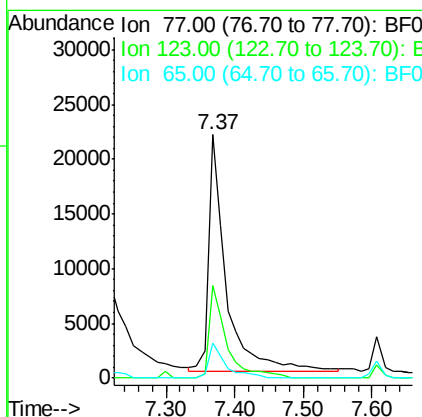
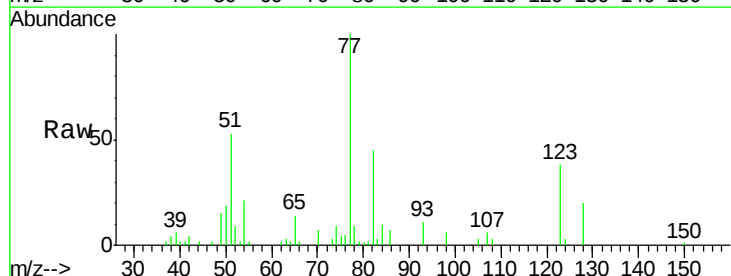
Instrument :
 BNA_F
 ClientSampleId :

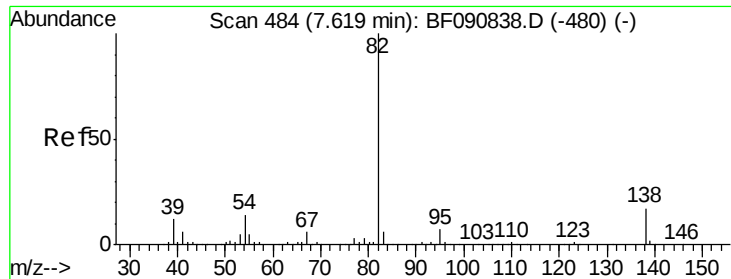
Tot Ion: 82 Resp: 73370
 Ion Ratio Lower Upper
 82 100
 128 43.2 51.0 76.6#
 54 44.3 47.5 71.3#



#24
 Nitrobenzene
 Concen: 2.29 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Tgt Ion: 77 Resp: 39100
 Ion Ratio Lower Upper
 77 100
 123 37.9 59.8 89.8#
 65 14.2 10.2 15.4





#25

Isophorone

Concen: 2.69 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

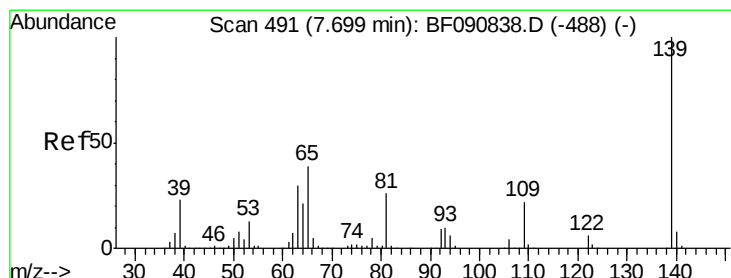
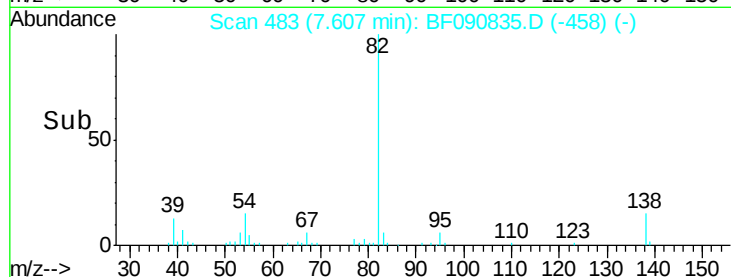
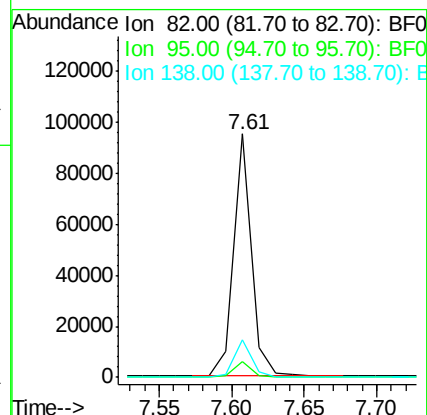
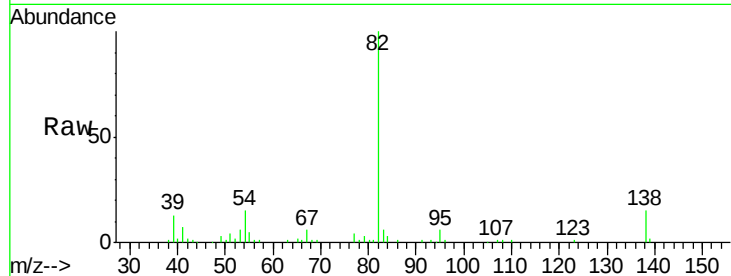
Tot Ion: 82 Resp: 80470

Ion Ratio Lower Upper

82 100

95 6.3 4.0 6.0#

138 15.4 18.3 27.5#



#26

2-Nitrophenol

Concen: 2.12 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

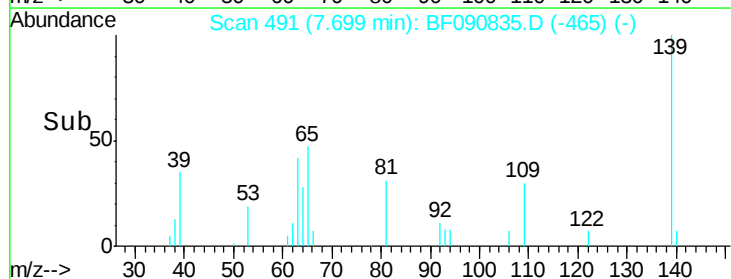
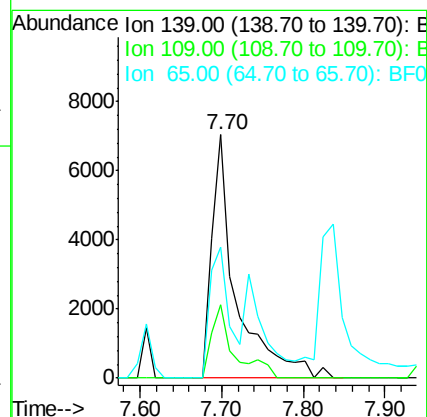
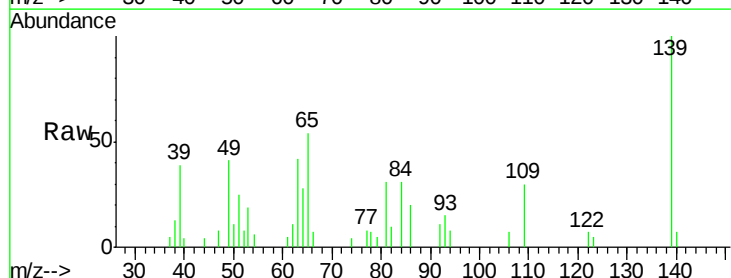
Tgt Ion: 139 Resp: 14820

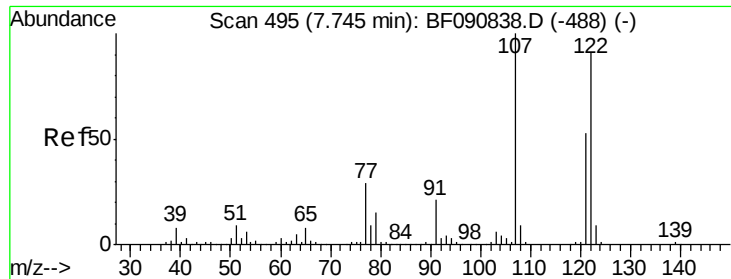
Ion Ratio Lower Upper

139 100

109 30.4 11.0 16.4#

65 53.8 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 2.31 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

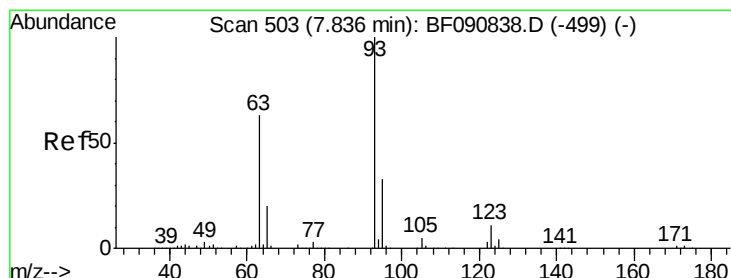
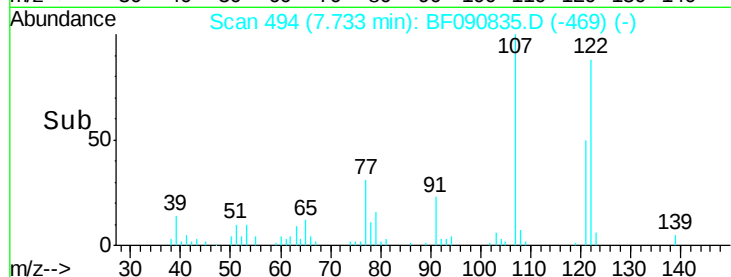
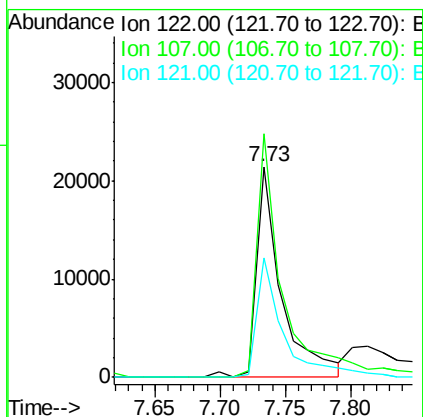
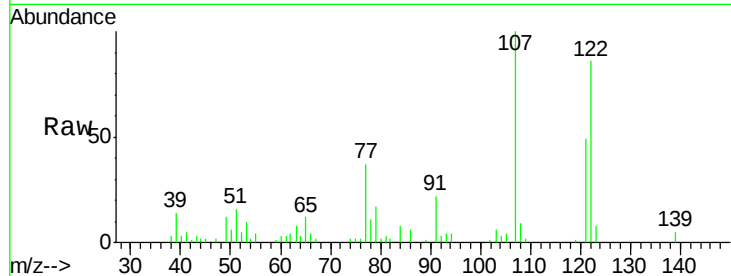
Tot Ion:122 Resp: 28604

Ion Ratio Lower Upper

122 100

107 115.6 71.8 107.6#

121 56.9 42.3 63.5



#28

bis(2-Chloroethoxy)methane

Concen: 2.53 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

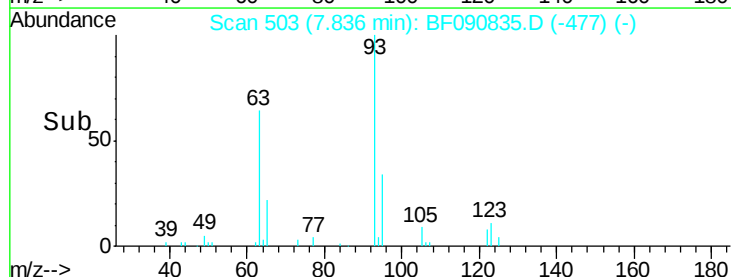
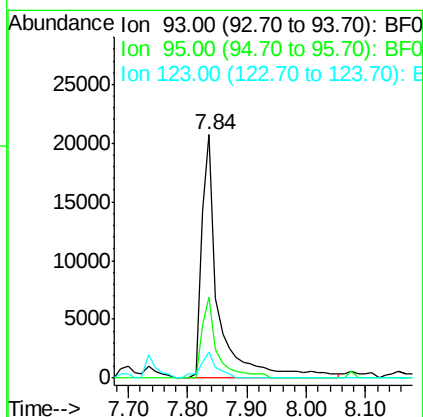
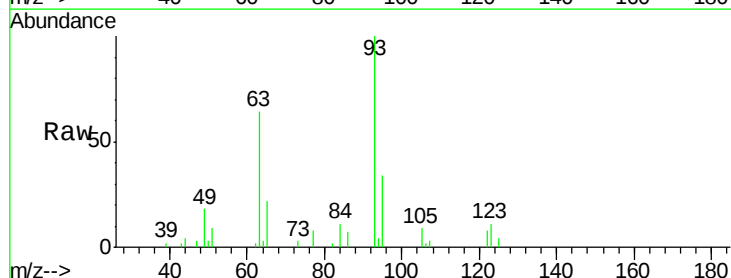
Tgt Ion: 93 Resp: 41314

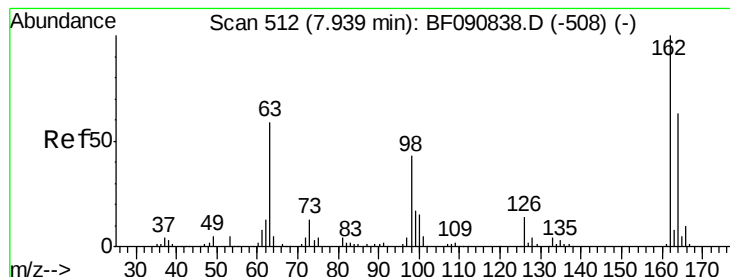
Ion Ratio Lower Upper

93 100

95 33.6 27.5 41.3

123 10.6 13.7 20.5#





#29

2,4-Dichlorophenol

Concen: 2.35 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

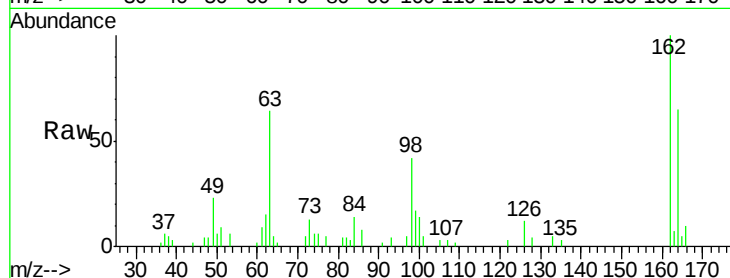
Tot Ion:162 Resp: 23930

Ion Ratio Lower Upper

162 100

164 65.1 44.9 84.9

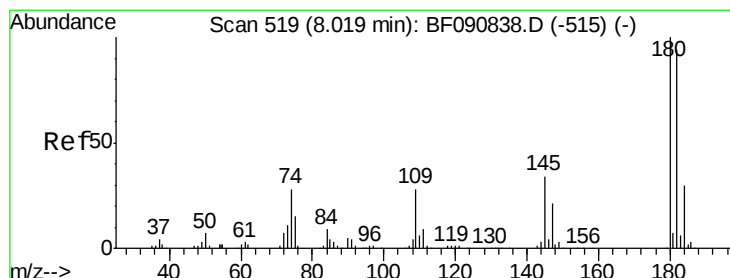
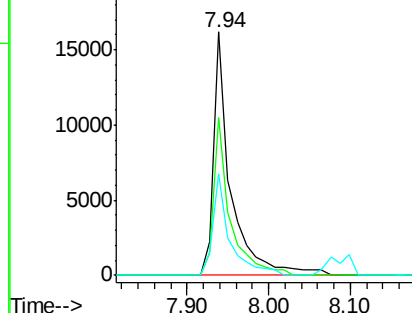
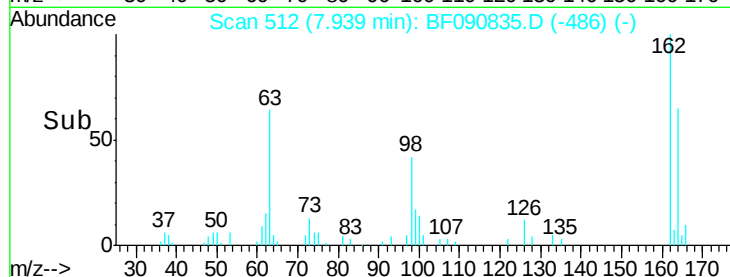
98 41.7 13.0 53.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 2.52 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

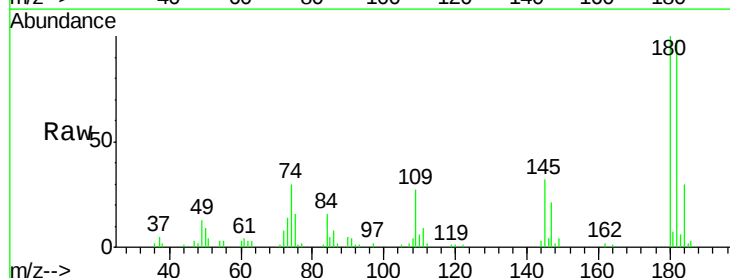
Tgt Ion:180 Resp: 30118

Ion Ratio Lower Upper

180 100

182 98.1 77.1 115.7

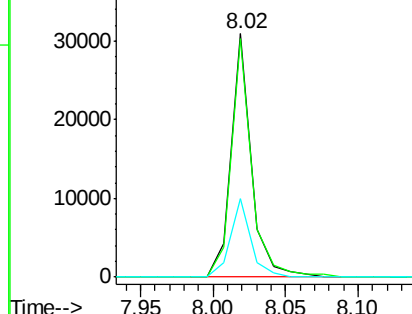
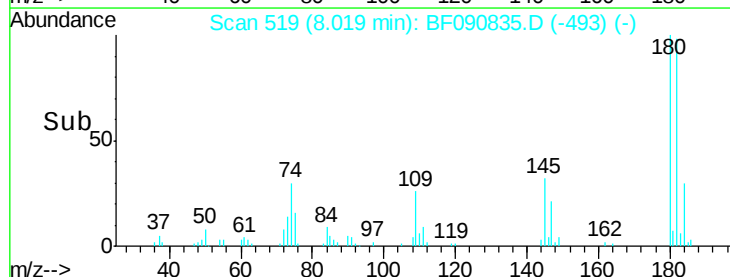
145 32.1 23.3 34.9

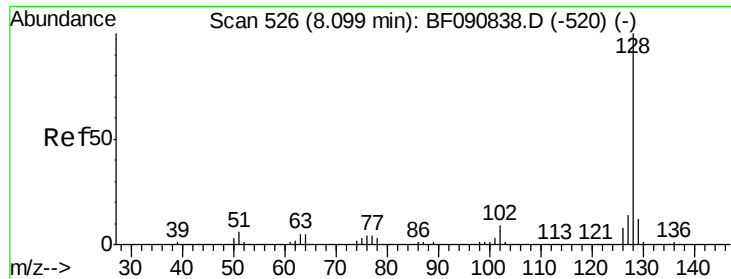


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

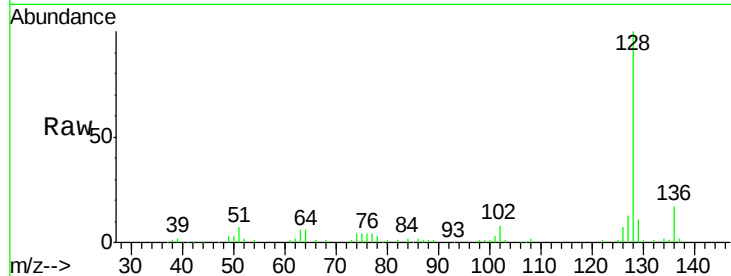




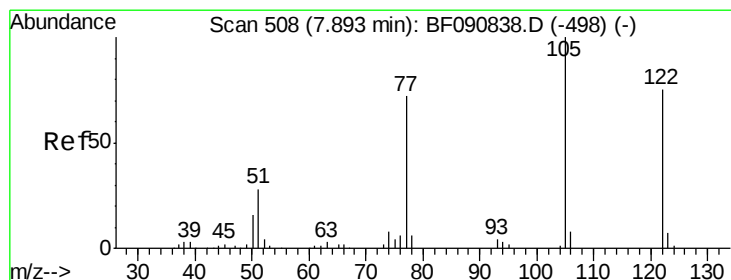
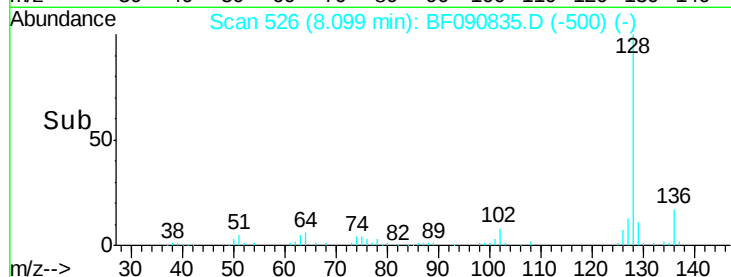
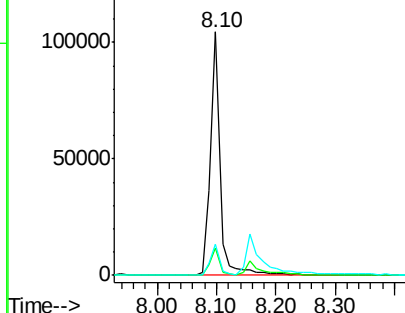
#31
Naphthalene
Concen: 2.81 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 119167
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.0 9.9 14.9

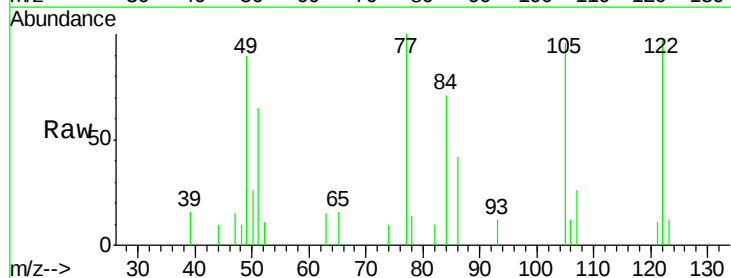


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

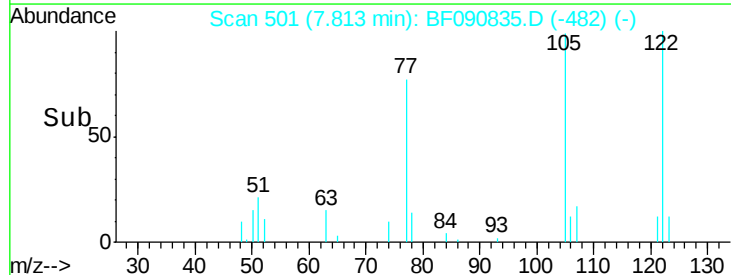
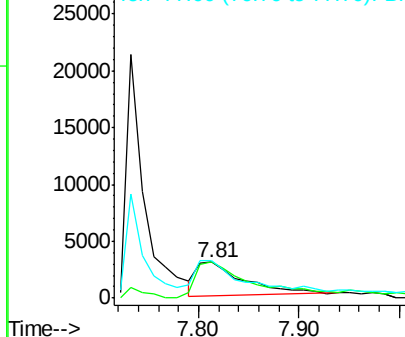


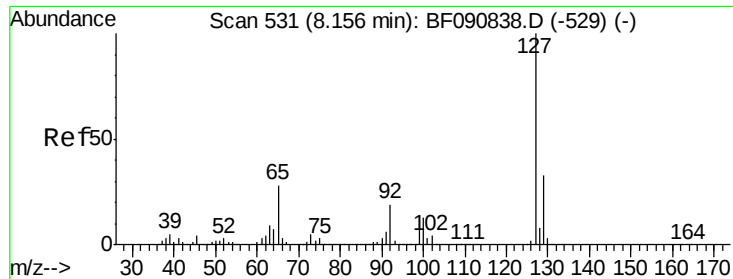
#32
Benzoic acid
Concen: 8.46 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.08 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion:122 Resp: 9434
Ion Ratio Lower Upper
122 100
105 99.3 76.1 116.1
77 103.4 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

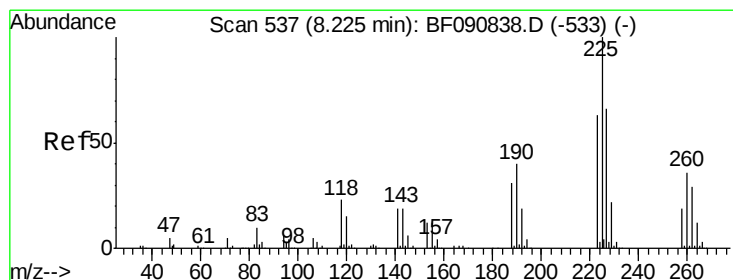
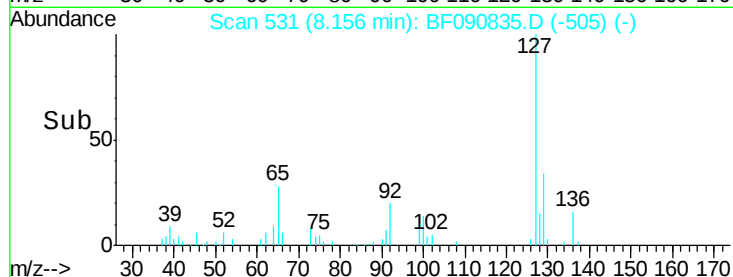
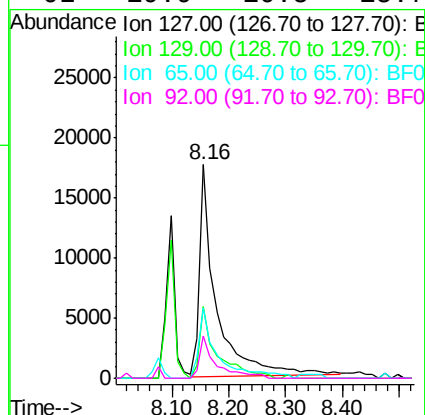
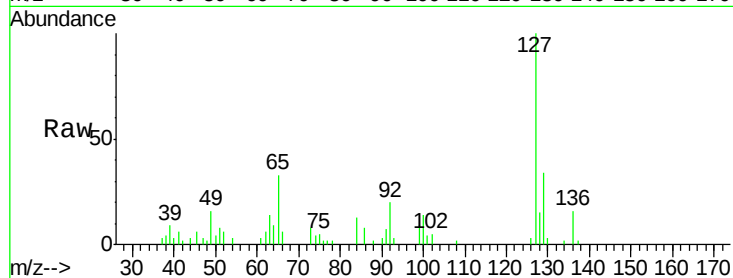




#33
4-Chloroaniline
Concen: 2.29 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

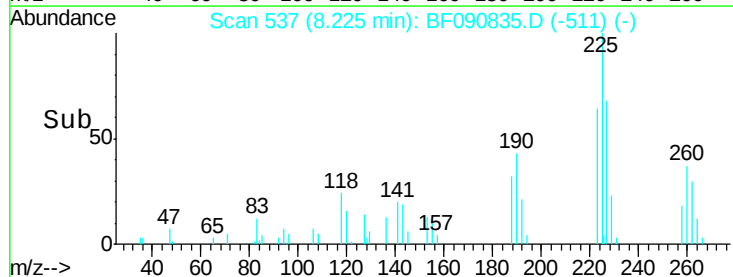
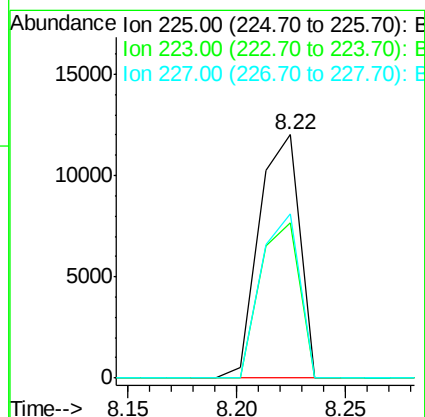
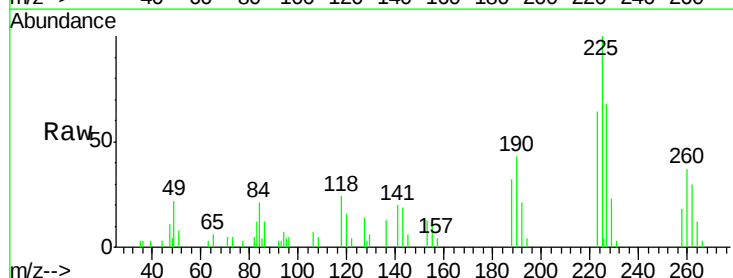
Instrument :
BNA_F
ClientSampleId :

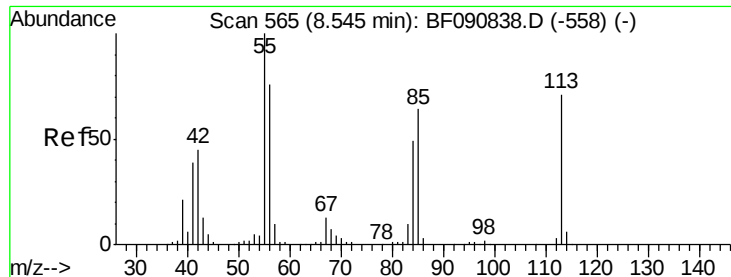
Tot Ion:	127	Resp:	35985
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.6
65	33.1	17.9	26.9#
92	19.9	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 2.32 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion:	225	Resp:	15616
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.2	75.2
227	67.6	52.2	78.2





#35

Caprolactam

Concen: 2.70 ng

RT: 8.48 min Scan# 559

Delta R.T. -0.07 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

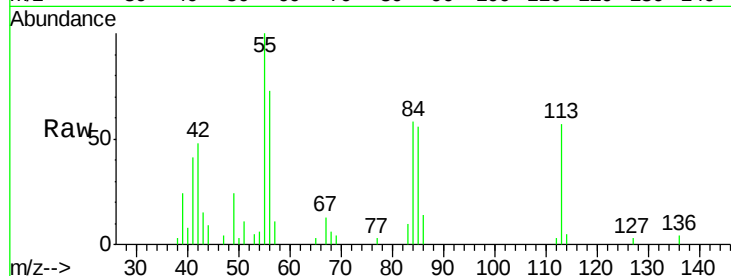
Tot Ion:113 Resp: 7832

Ion Ratio Lower Upper

113 100

55 174.6 152.4 192.4

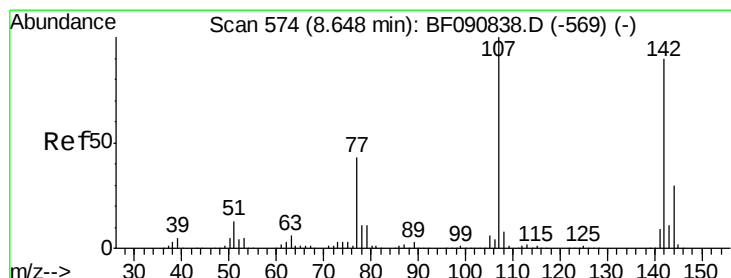
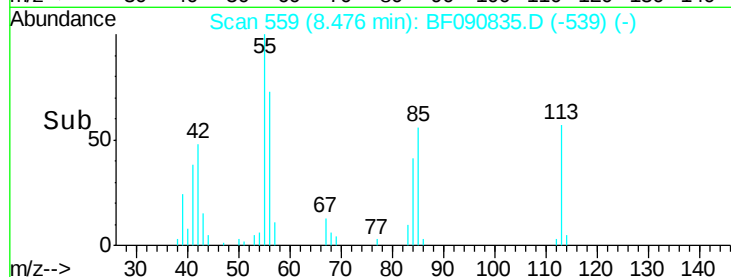
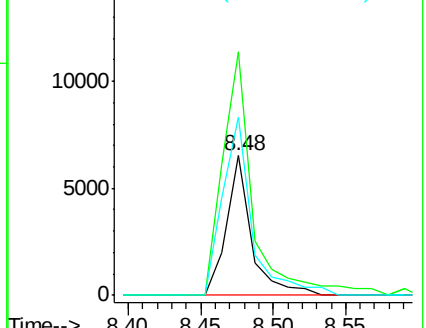
56 128.0 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 2.60 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

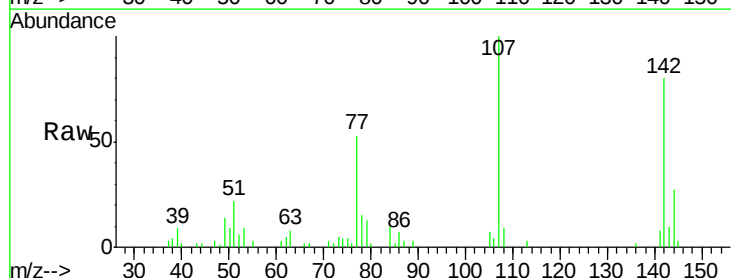
Tgt Ion:107 Resp: 30757

Ion Ratio Lower Upper

107 100

144 26.8 25.4 38.0

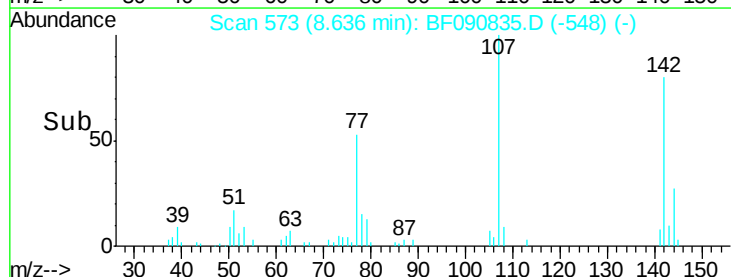
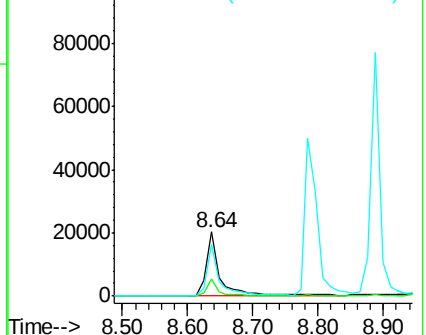
142 80.0 77.3 115.9

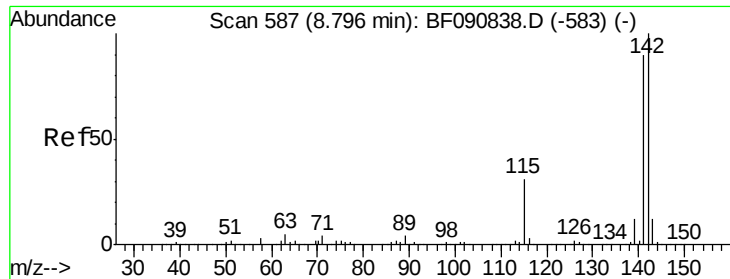


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

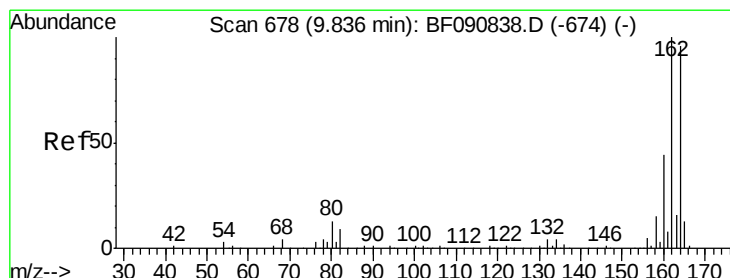
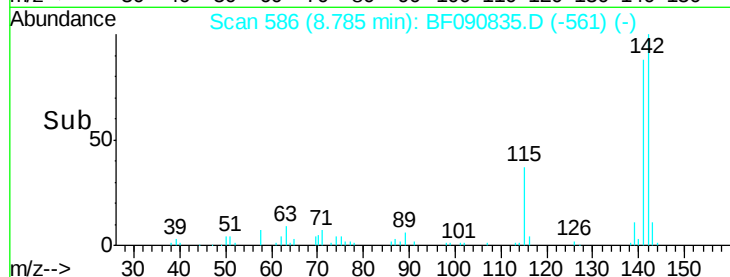
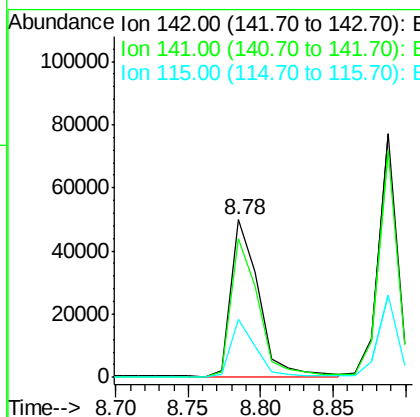
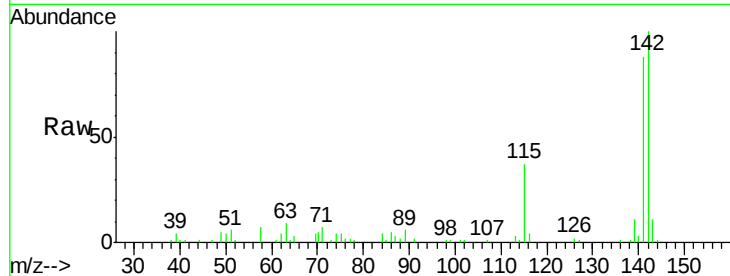




#37
 2-Methylnaphthalene
 Concen: 2.69 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

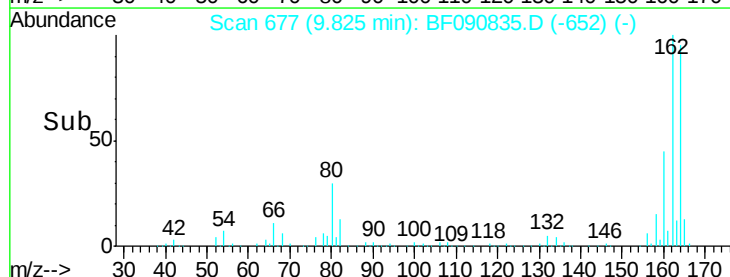
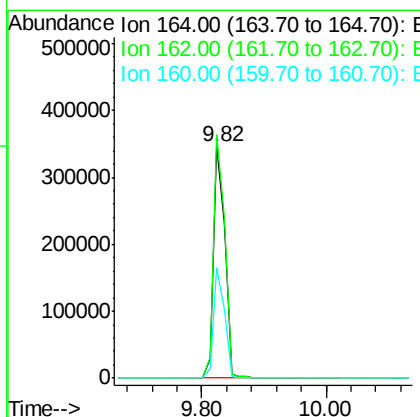
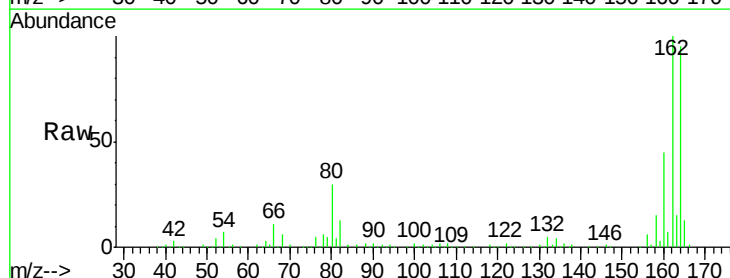
Instrument :
 BNA_F
 ClientSampleId :

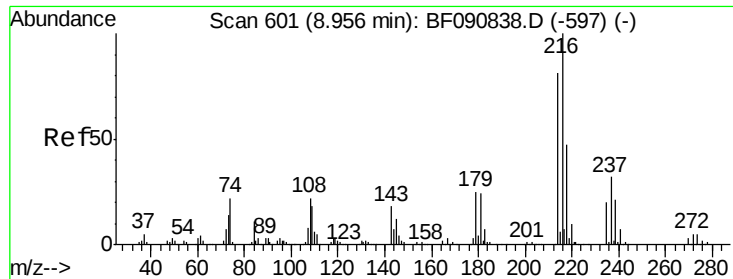
Tot Ion:142 Resp: 66639
 Ion Ratio Lower Upper
 142 100
 141 88.4 67.5 101.3
 115 36.9 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Tgt Ion:164 Resp: 429514
 Ion Ratio Lower Upper
 164 100
 162 104.9 75.2 112.8
 160 47.7 31.5 47.3#

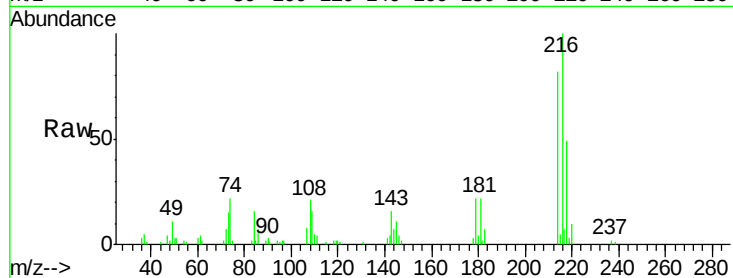




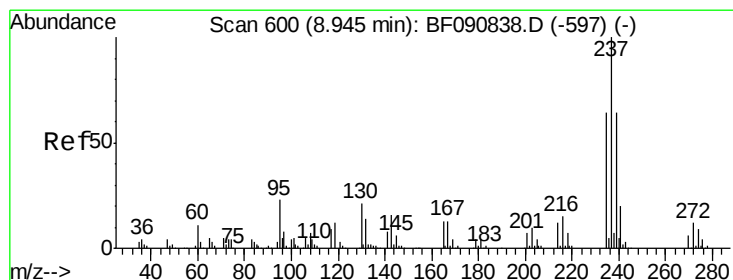
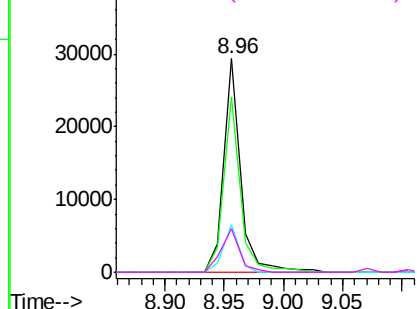
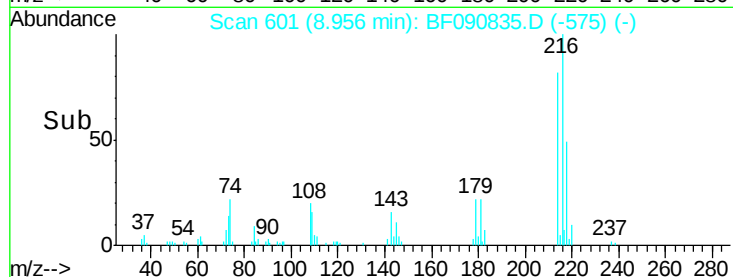
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.48 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	28741
Ion Ratio	Lower	Upper
216	100	
214	81.1	63.5 95.3
179	20.4	16.6 24.8
108	22.0	16.3 24.5

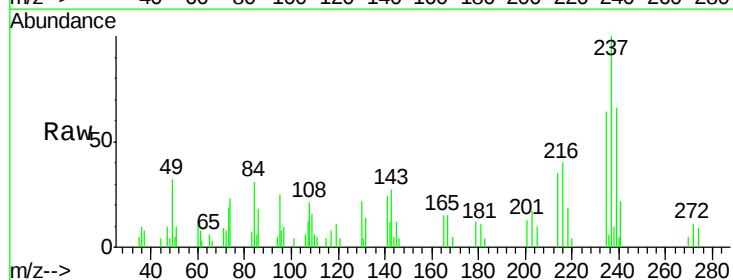


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

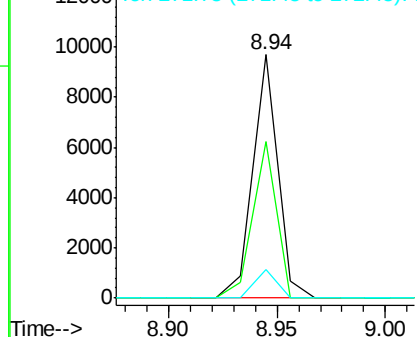
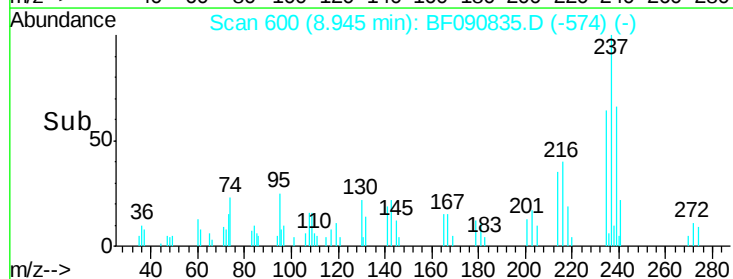


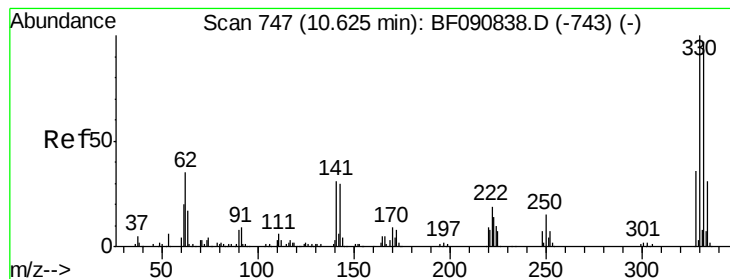
#40
 Hexachlorocyclopentadiene
 Concen: 1.42 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Tgt Ion:237	Resp:	7724
Ion Ratio	Lower	Upper
237	100	
235	64.4	42.0 82.0
272	11.5	0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 6.15 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampled :

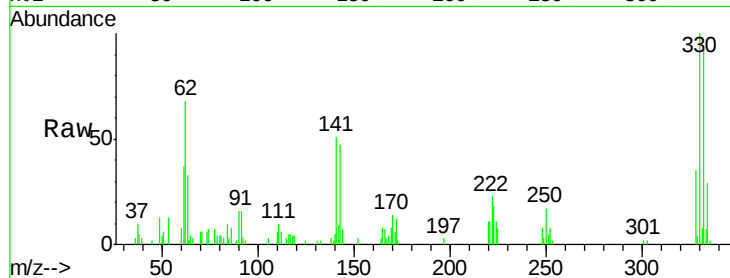
Tot Ion:330 Resp: 20901

Ion Ratio Lower Upper

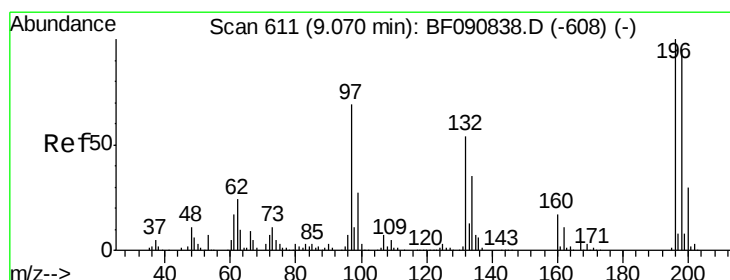
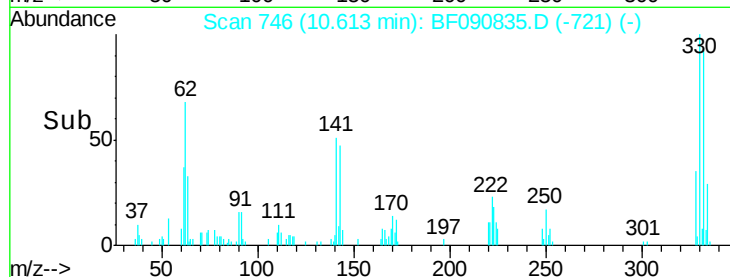
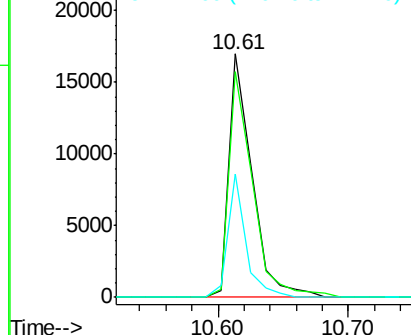
330 100

332 95.2 76.6 114.8

141 40.0 29.7 44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 2.41 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

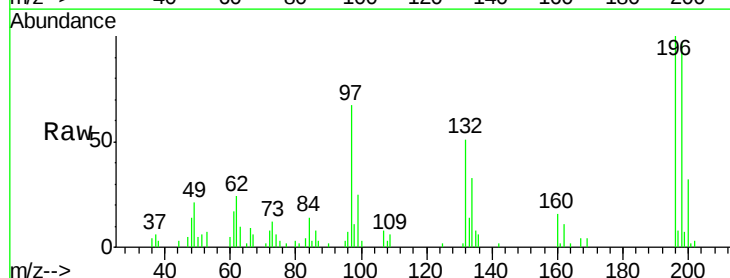
Tgt Ion:196 Resp: 17356

Ion Ratio Lower Upper

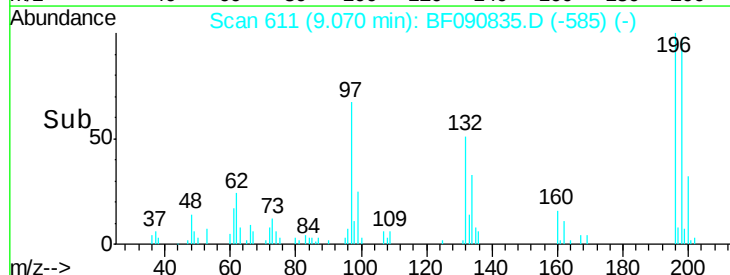
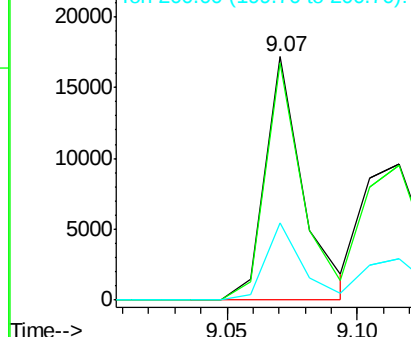
196 100

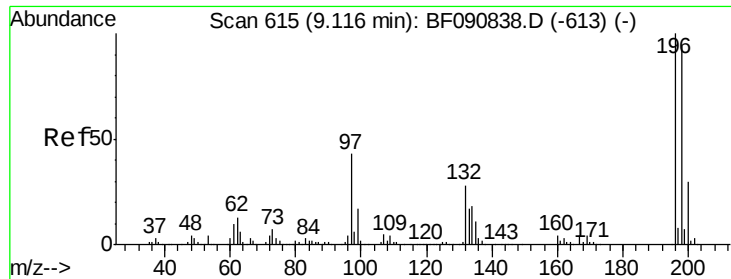
198 97.3 75.7 113.5

200 31.6 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

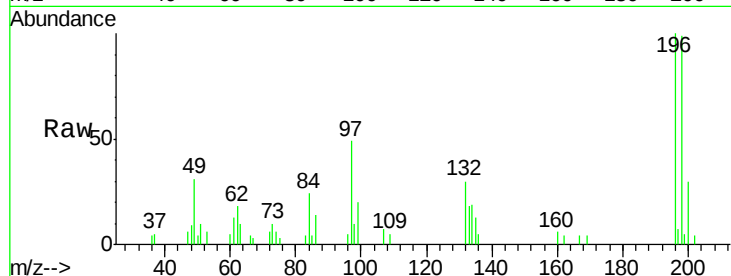




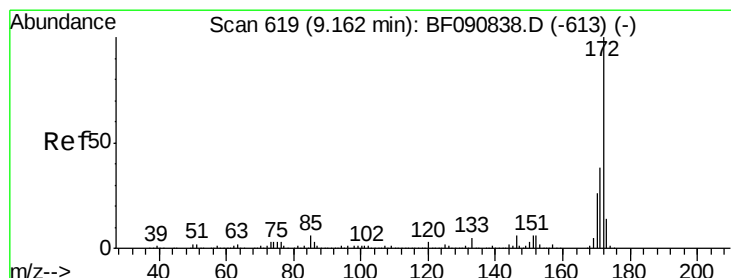
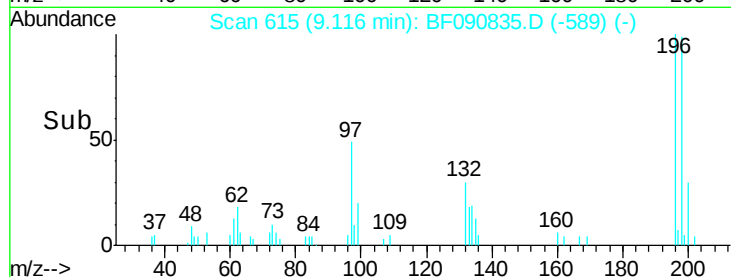
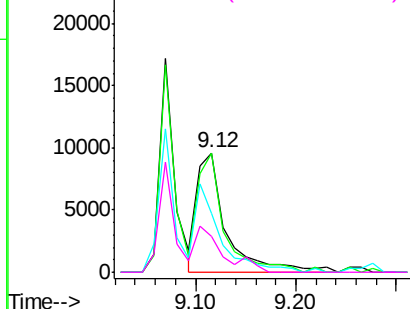
#43
 2,4,5-Trichlorophenol
 Concen: 2.70 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	19690
Ion Ratio	Lower	Upper
196	100	
198	99.4	75.4 113.0
97	49.2	33.3 49.9
132	29.9	24.6 37.0

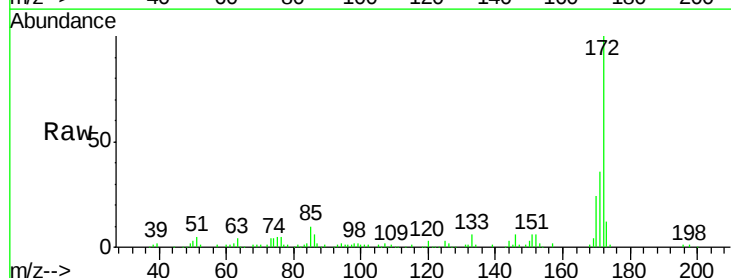


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

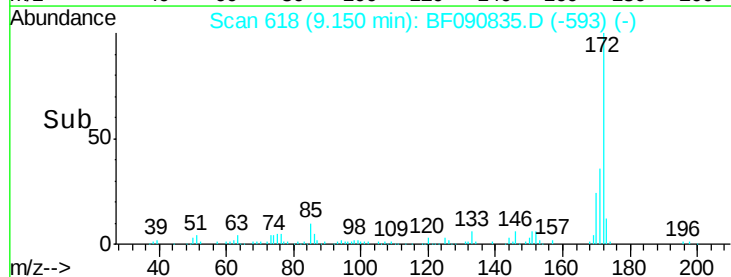
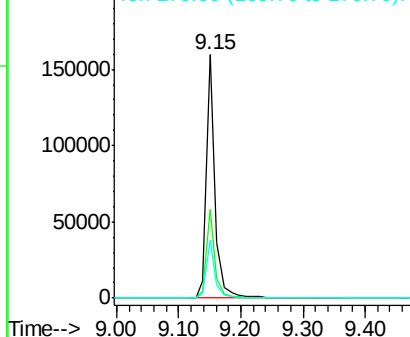


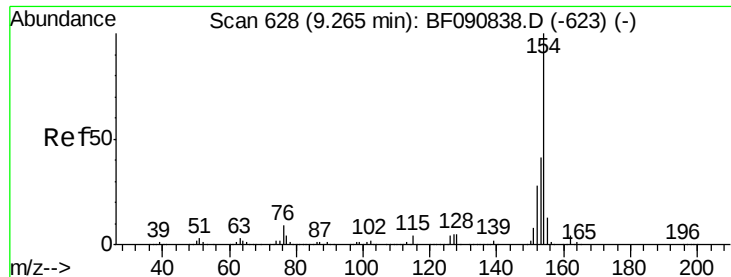
#44
 2-Fluorobiphenyl
 Concen: 5.66 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Tgt Ion:172	Resp:	156512
Ion Ratio	Lower	Upper
172	100	
171	36.4	26.1 39.1
170	23.7	17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

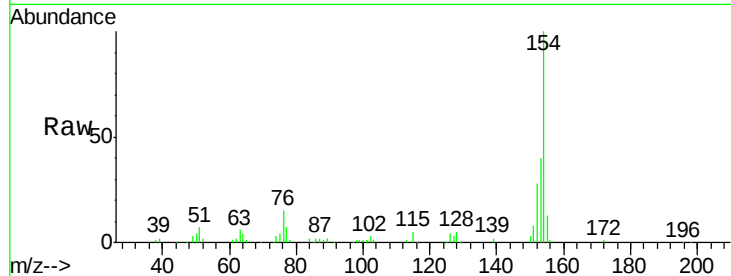




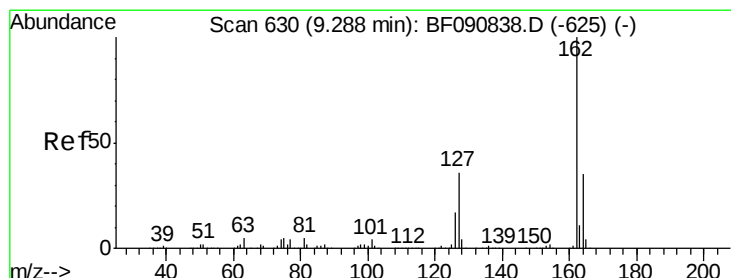
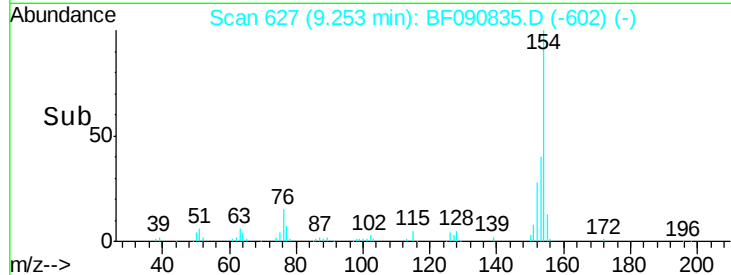
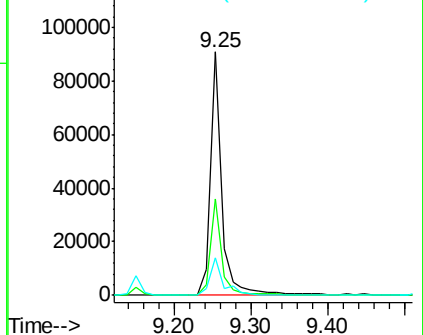
#45
1,1'-Biphenyl
Concen: 2.75 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 92837
Ion Ratio Lower Upper
154 100
153 39.6 17.1 57.1
76 15.3 0.0 31.6

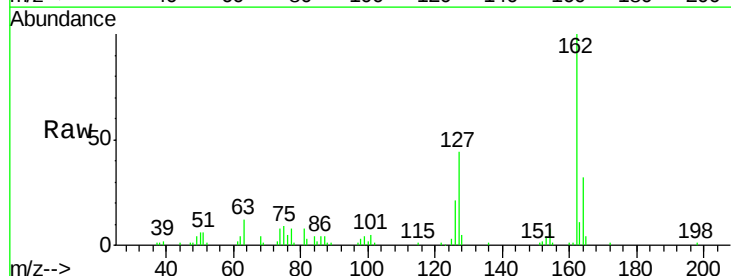


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

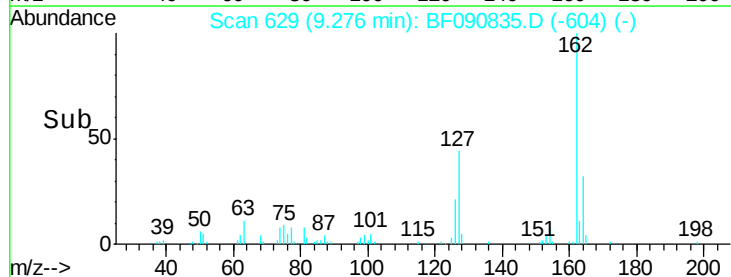
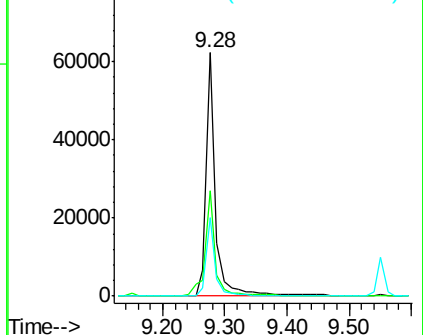


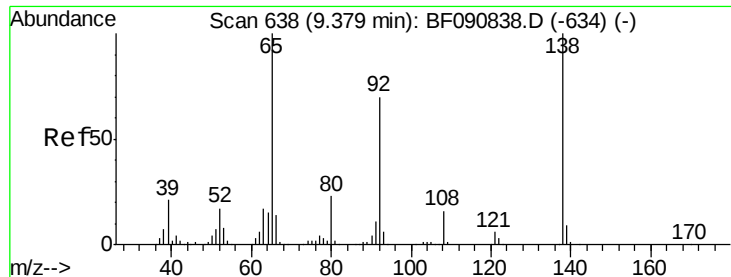
#46
2-Chloronaphthalene
Concen: 2.65 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion:162 Resp: 66489
Ion Ratio Lower Upper
162 100
127 43.5 27.6 41.4#
164 32.2 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

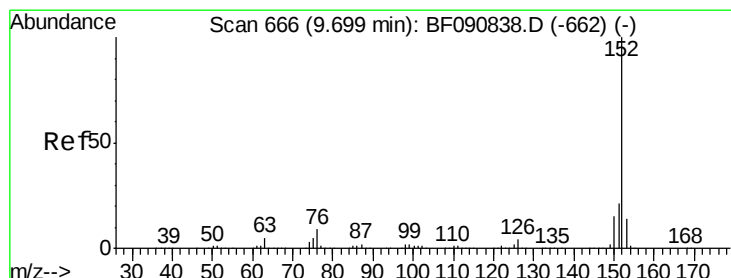
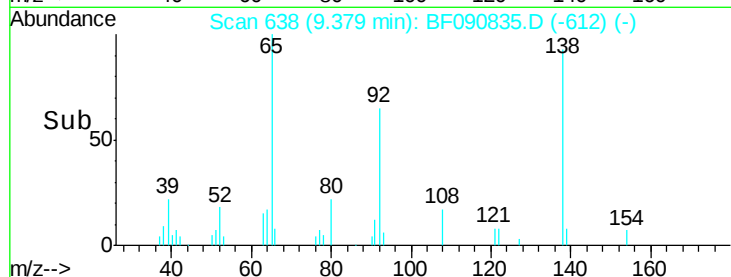
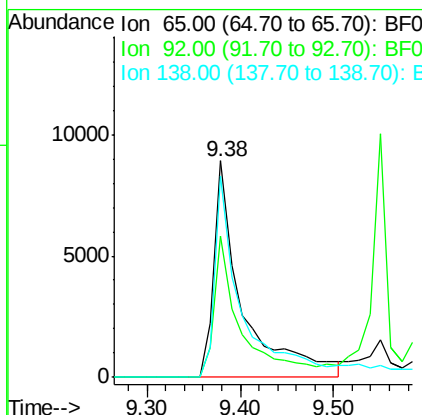
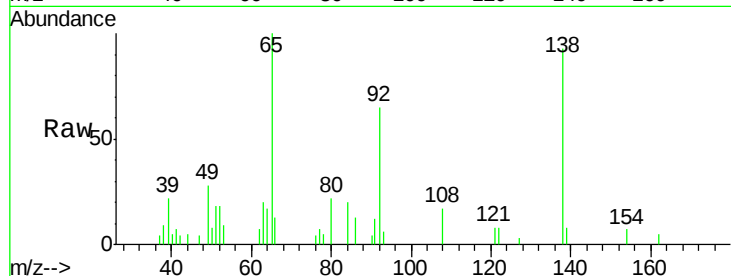




#47
2-Nitroaniline
Concen: 2.28 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

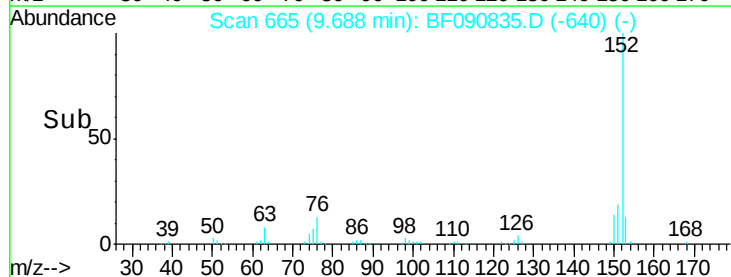
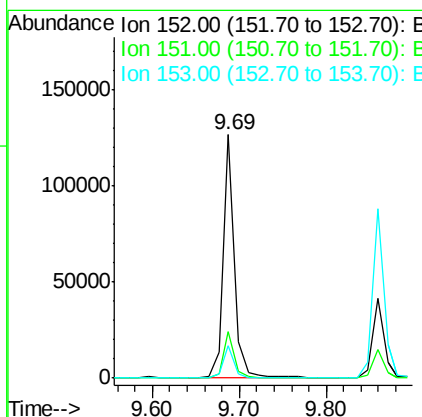
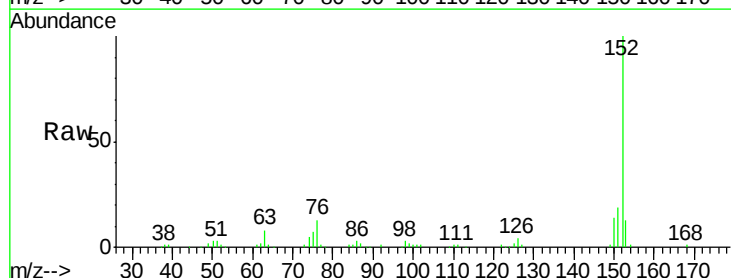
Instrument :
BNA_F
ClientSampleId :

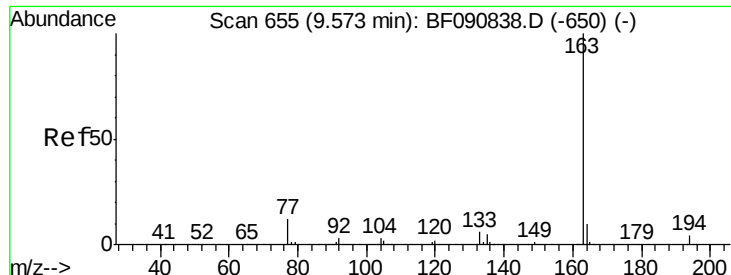
Tot Ion: 65 Resp: 18963
Ion Ratio Lower Upper
65 100
92 65.3 55.4 83.0
138 92.8 115.5 173.3#



#48
Acenaphthylene
Concen: 3.02 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion: 152 Resp: 115466
Ion Ratio Lower Upper
152 100
151 19.1 14.6 22.0
153 13.1 10.3 15.5

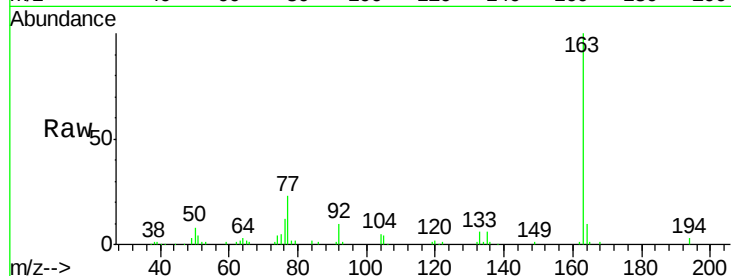




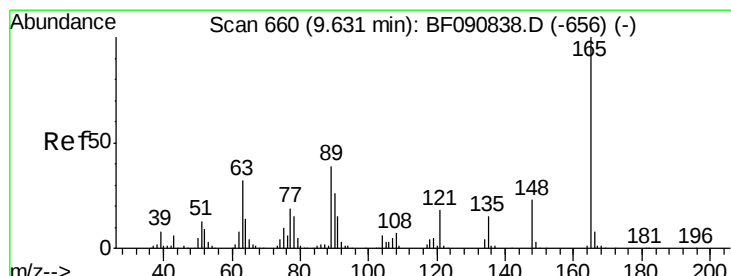
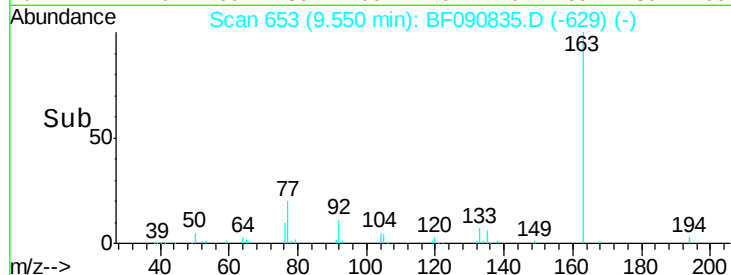
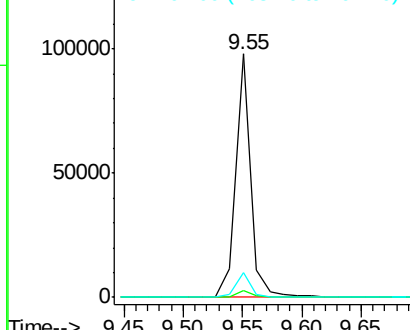
#49
Dimethylphthalate
Concen: 3.17 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 85513
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.2 8.3 12.5

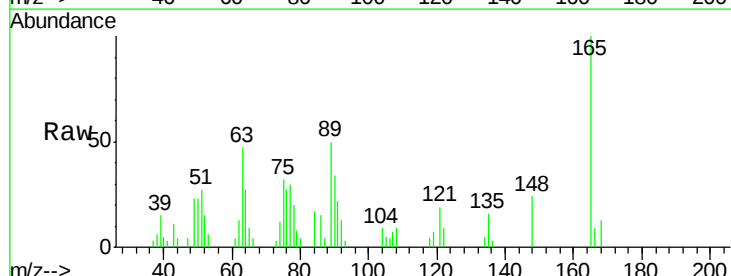


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

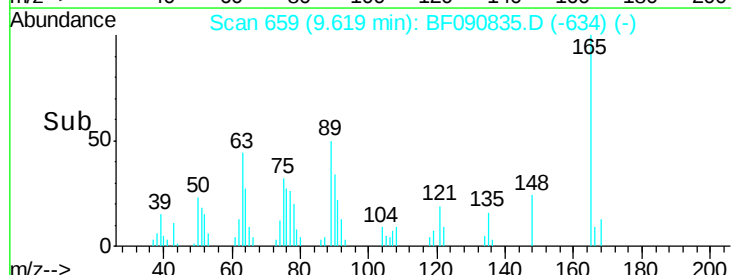
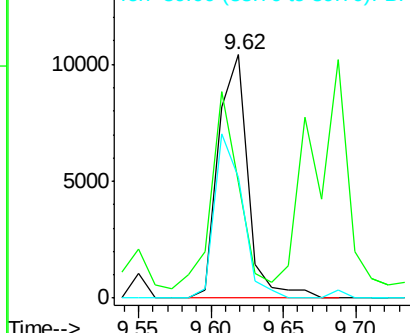


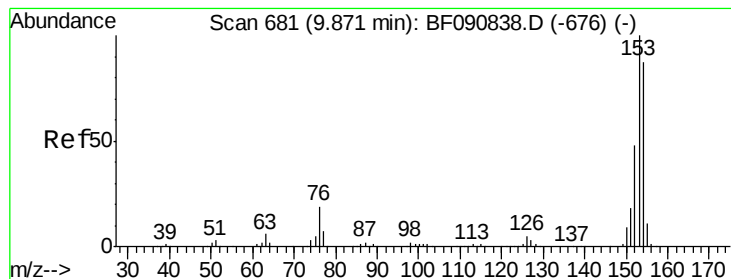
#50
2,6-Dinitrotoluene
Concen: 2.54 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion:165 Resp: 14735
Ion Ratio Lower Upper
165 100
63 47.4 32.3 48.5
89 49.5 28.6 43.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.86 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampled :

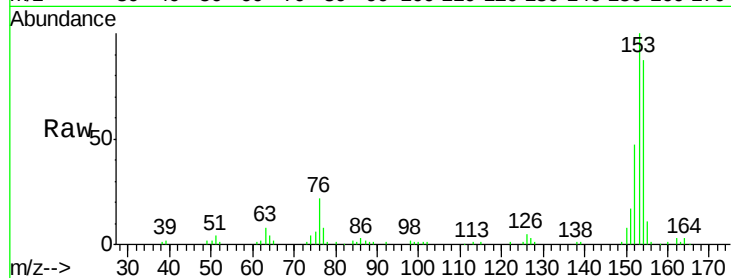
Tot Ion:154 Resp: 72556

Ion Ratio Lower Upper

154 100

153 115.5 82.1 123.1

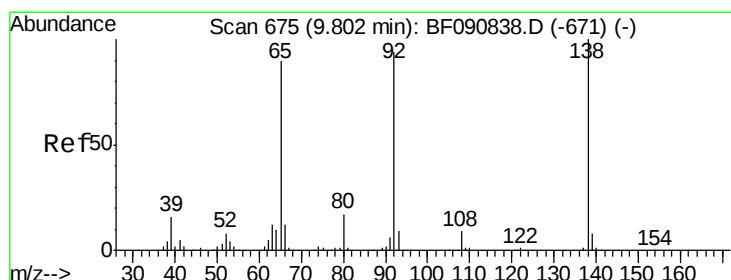
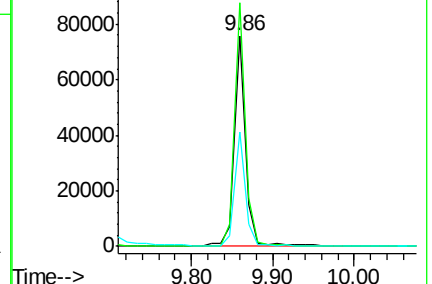
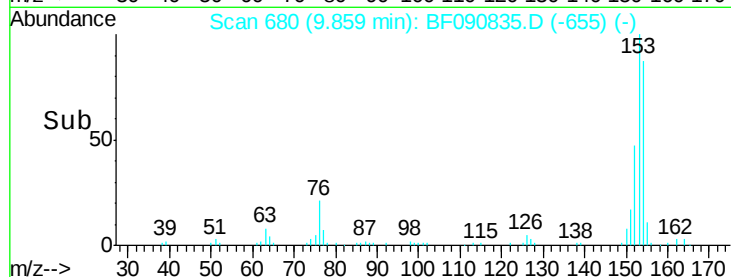
152 54.4 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.58 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

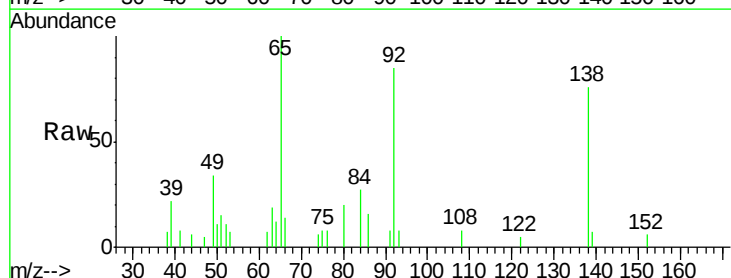
Tgt Ion:138 Resp: 17241

Ion Ratio Lower Upper

138 100

108 10.9 5.7 8.5#

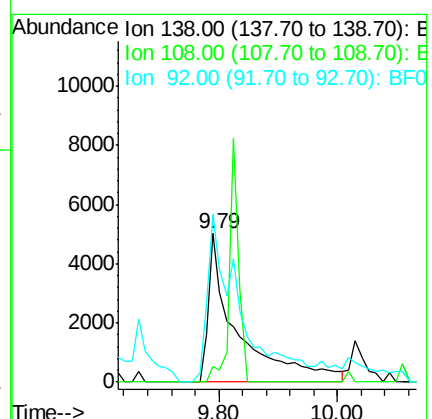
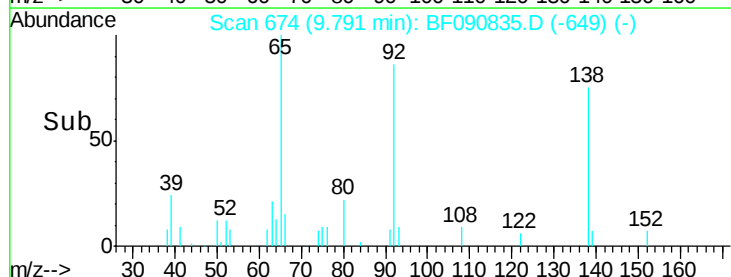
92 112.9 67.7 101.5#

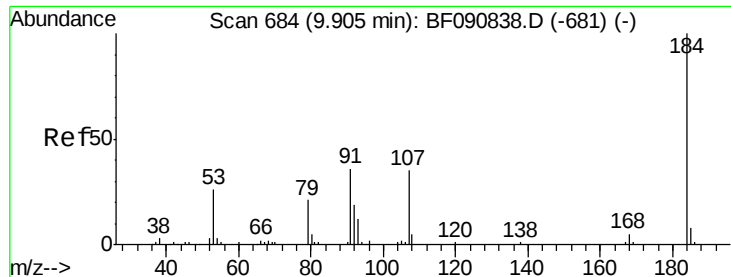


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

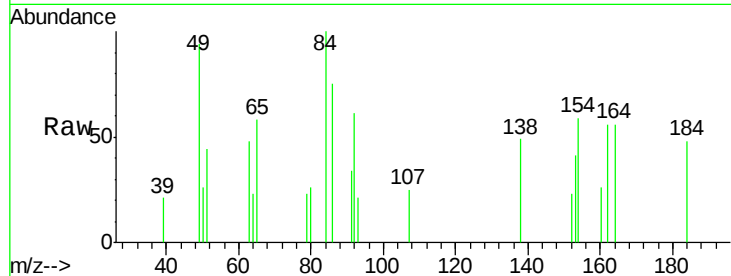




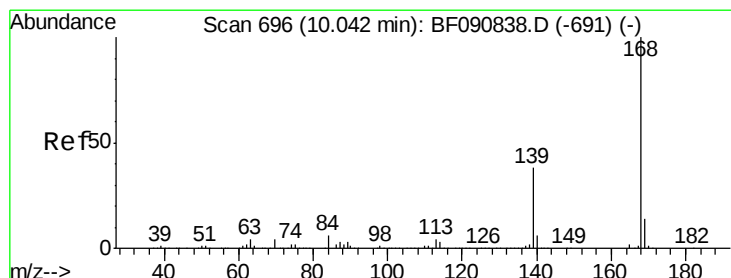
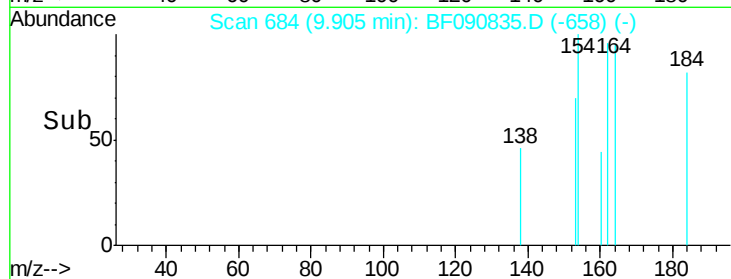
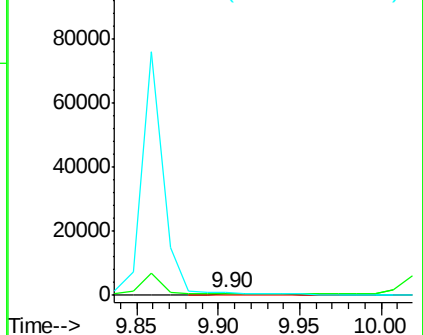
#53
2,4-Dinitrophenol
Concen: 3.58 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 1591
Ion Ratio Lower Upper
184 100
63 99.0 35.4 53.2#
154 121.4 32.2 48.4#

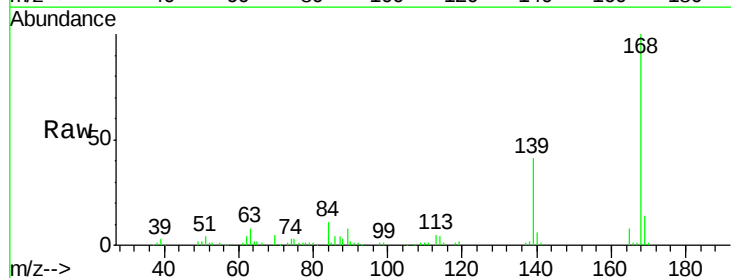


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

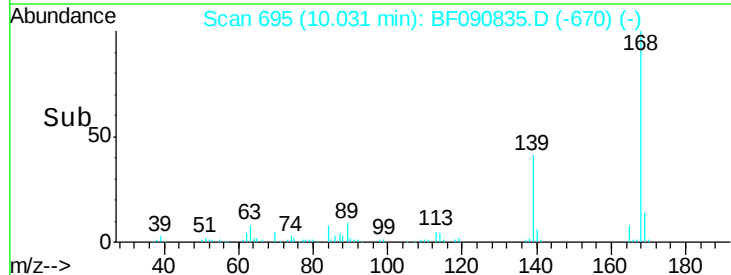
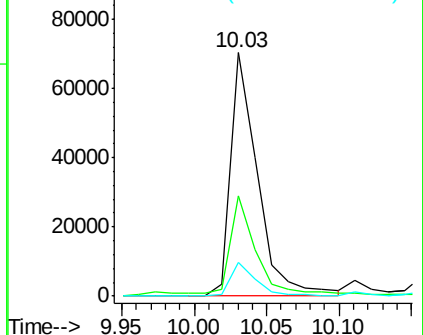


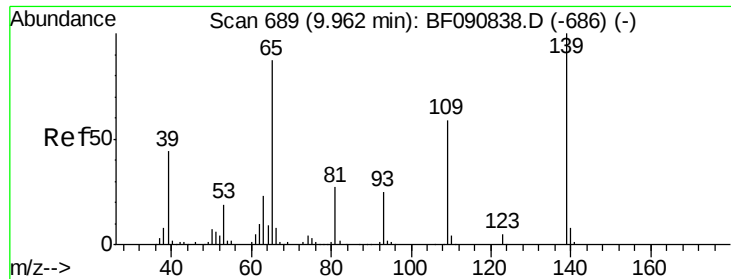
#54
Dibenzofuran
Concen: 2.95 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion:168 Resp: 90889
Ion Ratio Lower Upper
168 100
139 41.0 24.2 36.2#
169 13.8 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 15.74 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.07 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

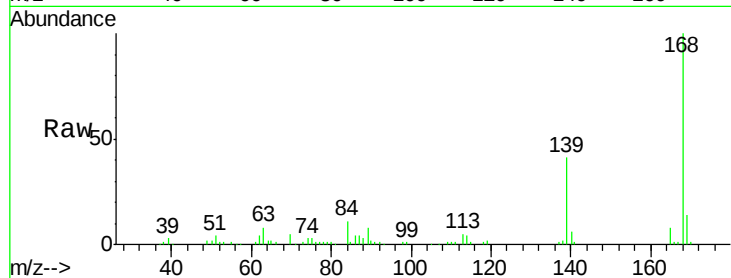
Tot Ion:139 Resp: 43410

Ion Ratio Lower Upper

139 100

109 2.3 12.7 52.7#

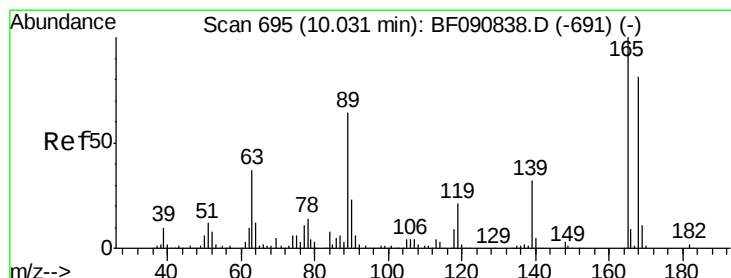
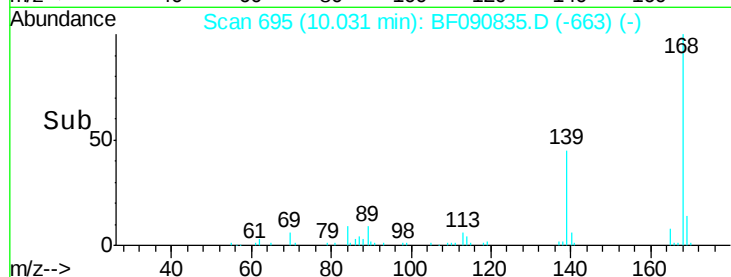
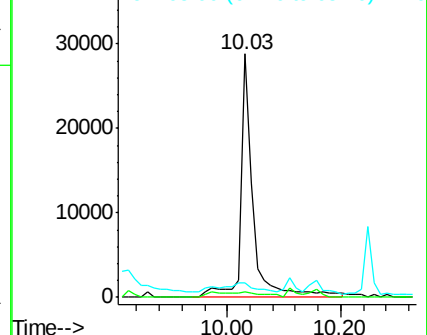
65 5.7 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 2.69 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Tgt Ion:165 Resp: 19066

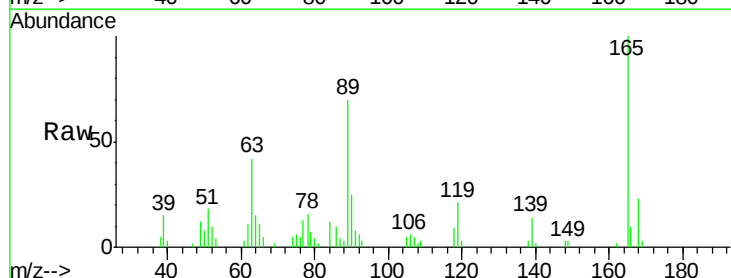
Ion Ratio Lower Upper

165 100

63 42.1 29.8 44.6

89 70.0 44.5 66.7#

182 0.0 3.0 4.4#

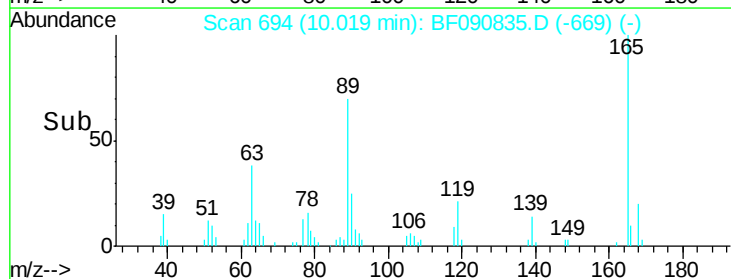
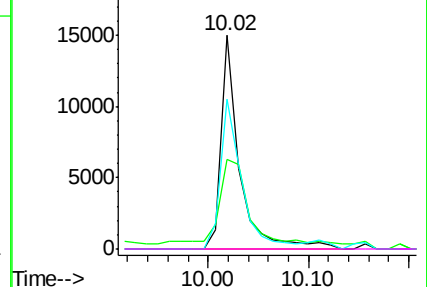


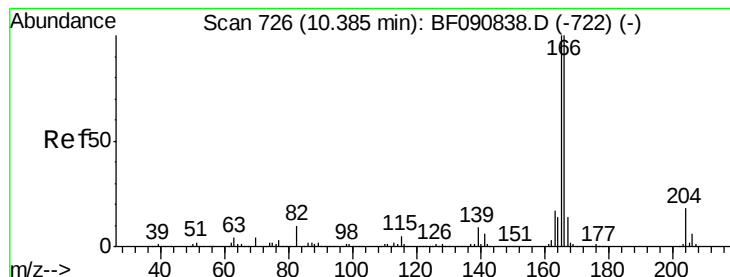
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 3.14 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampled :

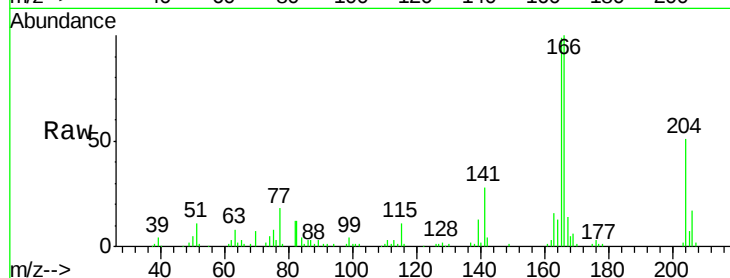
Tot Ion:166 Resp: 80157

Ion Ratio Lower Upper

166 100

165 98.7 72.6 109.0

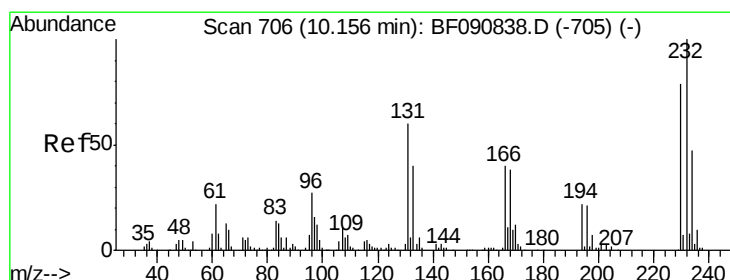
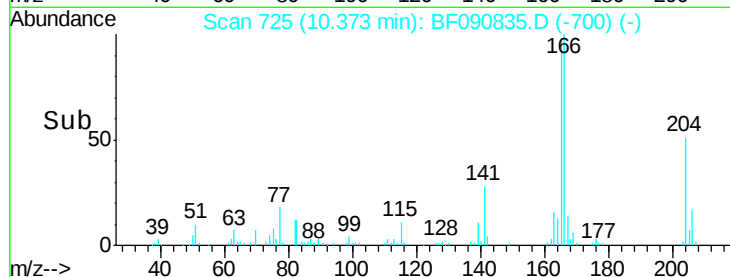
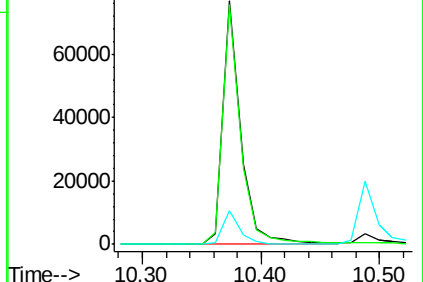
167 14.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.41 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.05 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Tgt Ion:232 Resp: 13831

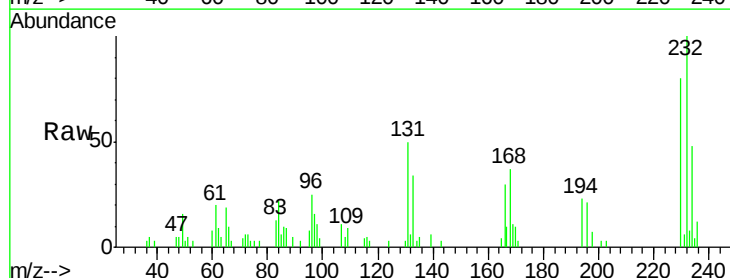
Ion Ratio Lower Upper

232 100

131 45.9 38.5 57.7

130 1.9 1.8 2.6

166 27.5 25.0 37.6

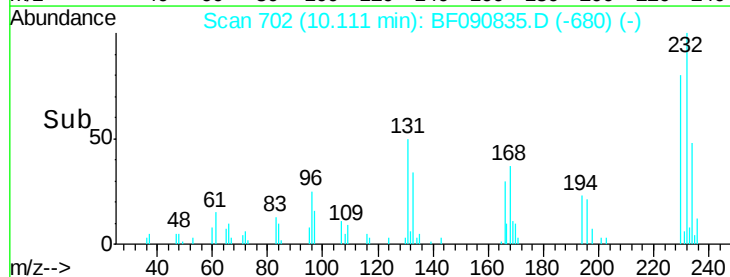
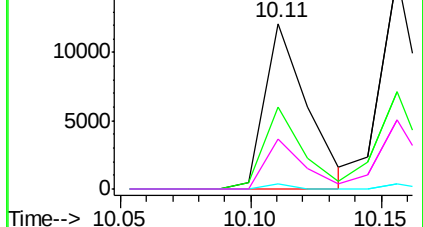


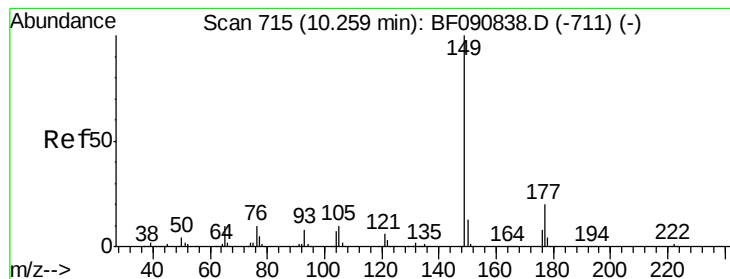
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 2.98 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampled :

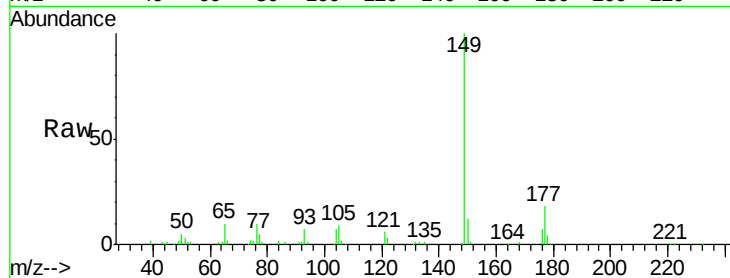
Tot Ion:149 Resp: 83479

Ion Ratio Lower Upper

149 100

177 17.8 17.5 26.3

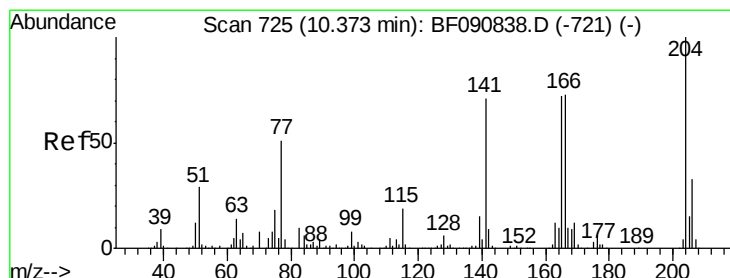
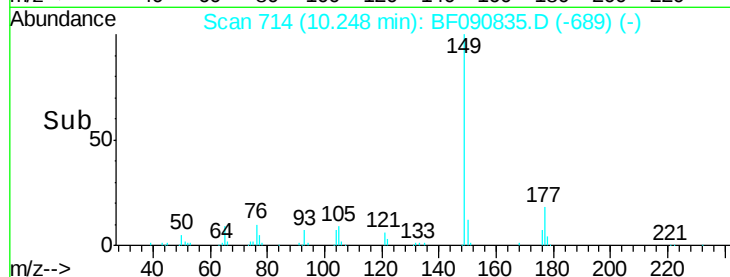
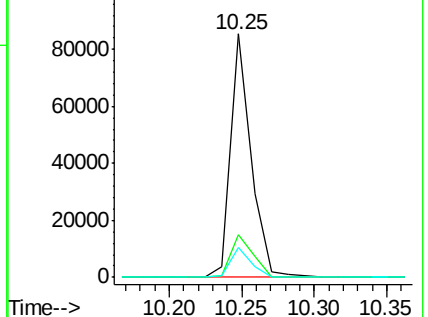
150 12.2 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 3.12 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

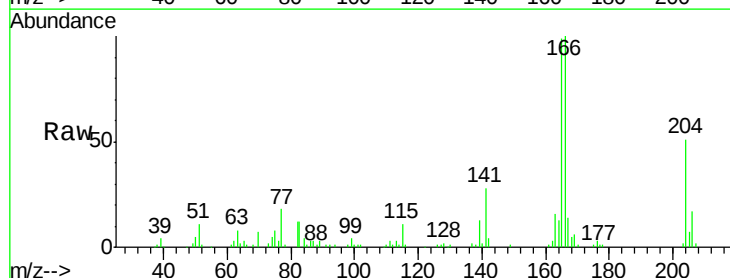
Tgt Ion:204 Resp: 36400

Ion Ratio Lower Upper

204 100

206 32.7 24.8 37.2

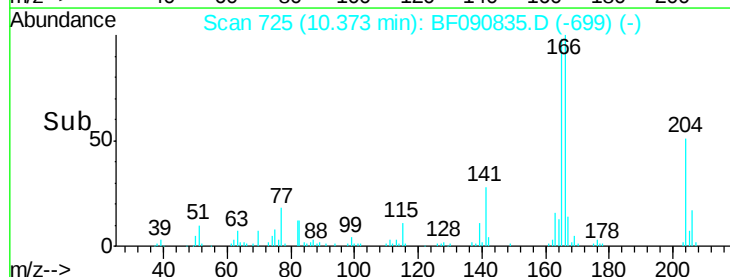
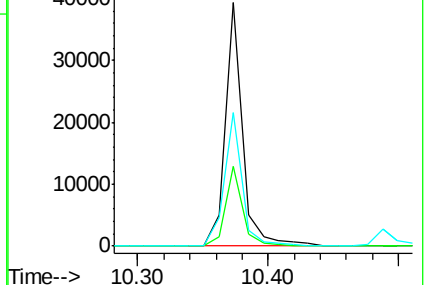
141 55.0 42.2 63.4

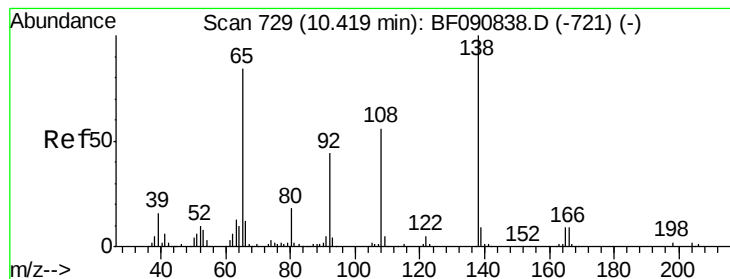


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 1.95 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

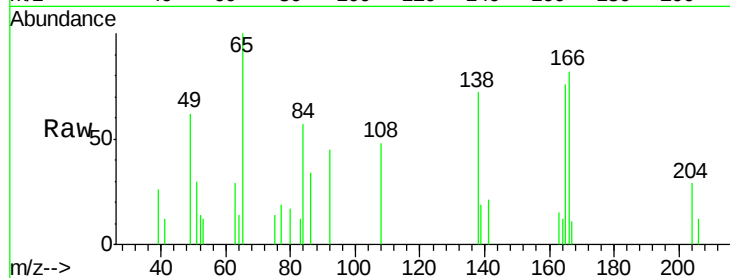
Tot Ion:138 Resp: 13187

Ion Ratio Lower Upper

138 100

92 63.0 12.6 52.6#

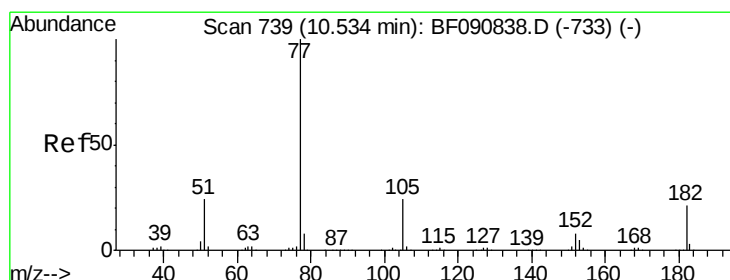
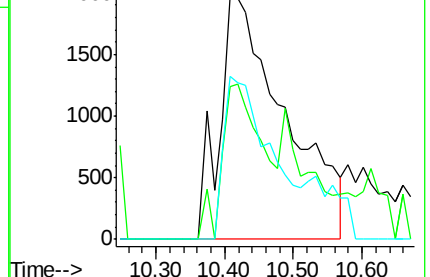
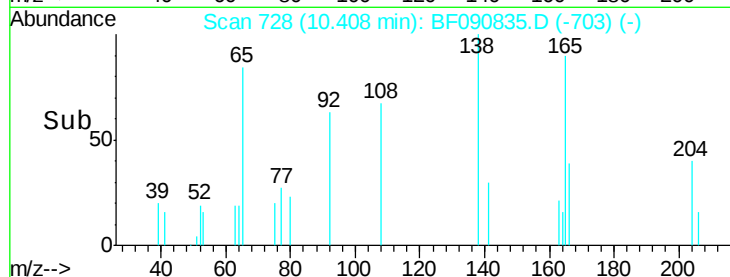
108 67.0 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 2.50 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Tgt Ion: 77 Resp: 82035

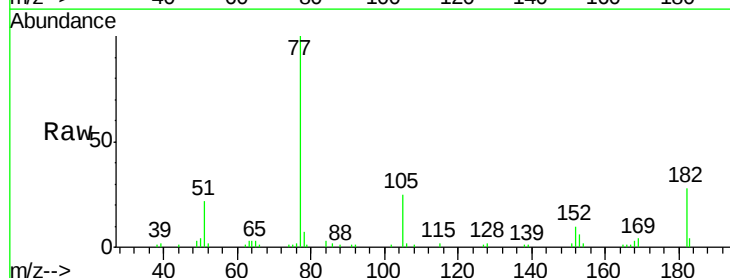
Ion Ratio Lower Upper

77 100

182 28.2 15.1 55.1

105 25.0 3.4 43.4

51 21.8 12.0 52.0

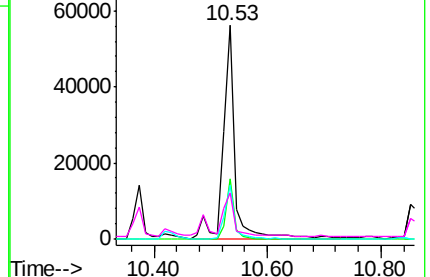
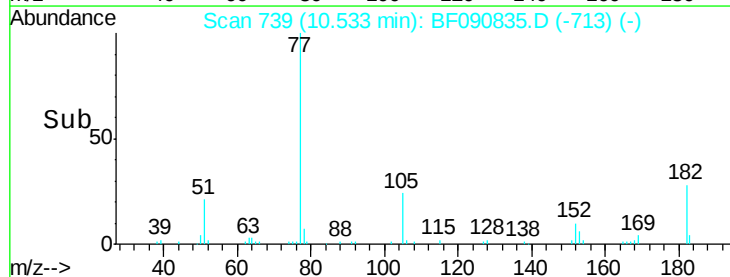


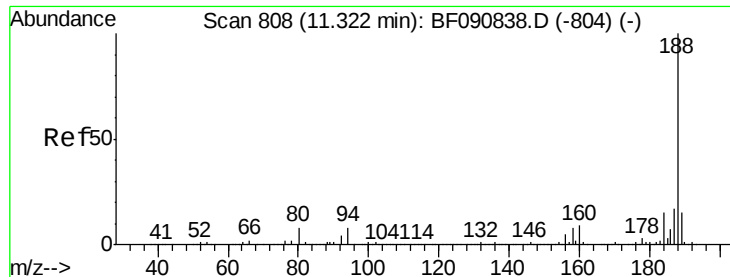
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

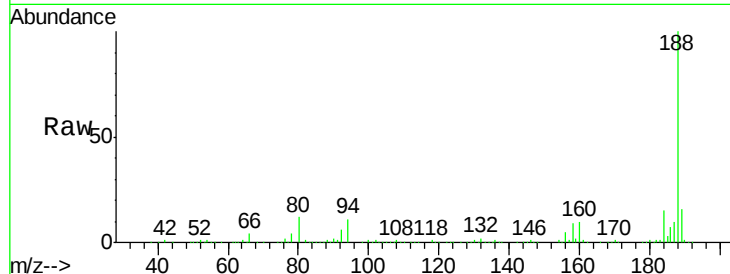




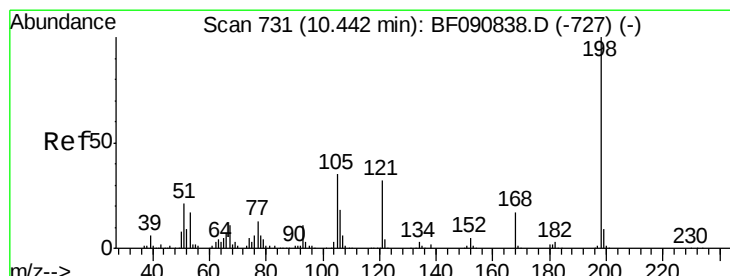
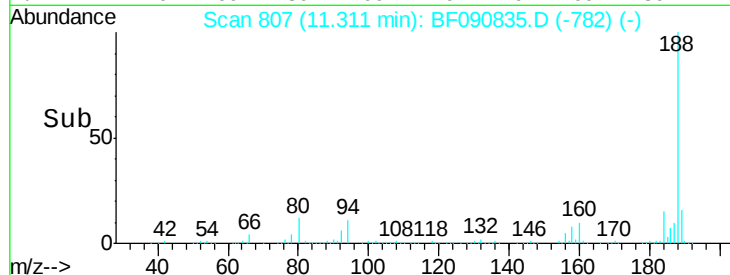
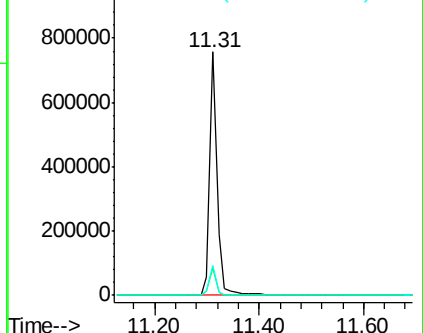
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 744582
 Ion Ratio Lower Upper
 188 100
 94 11.3 11.1 16.7
 80 12.2 11.0 16.4

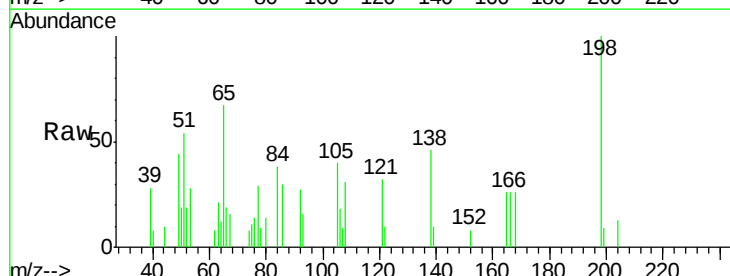


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

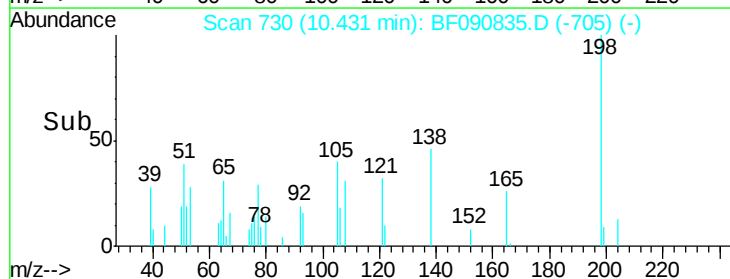
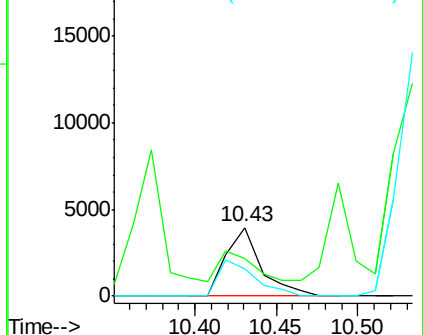


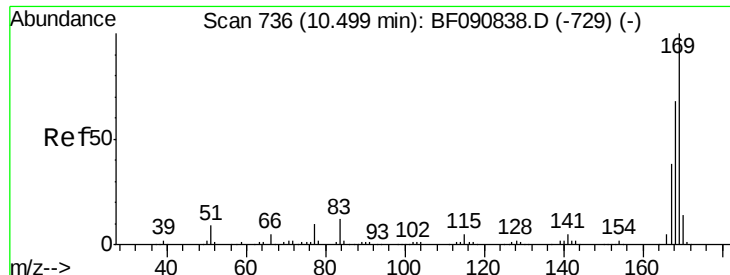
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.31 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Tgt Ion:198 Resp: 5887
 Ion Ratio Lower Upper
 198 100
 51 54.3 39.6 79.6
 105 40.4 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

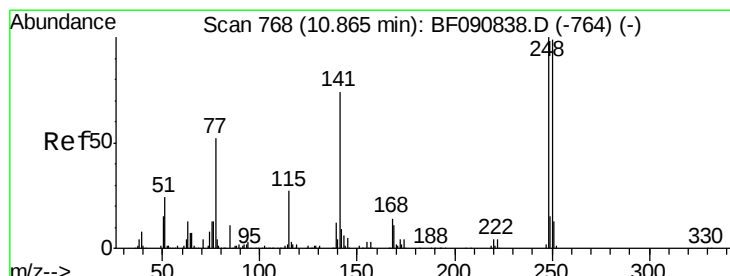
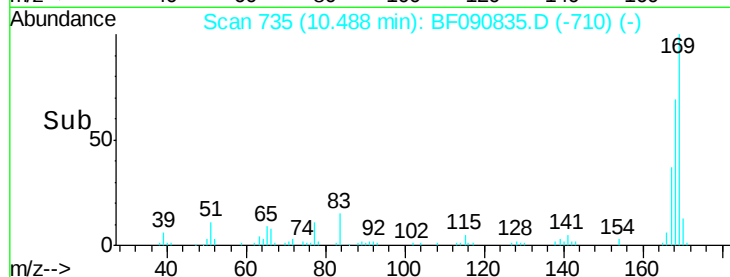
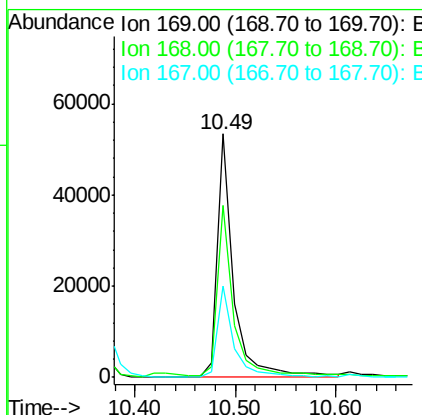
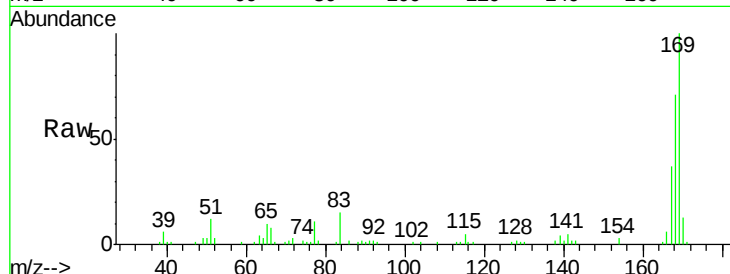




#65
 n-Nitrosodiphenylamine
 Concen: 2.52 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

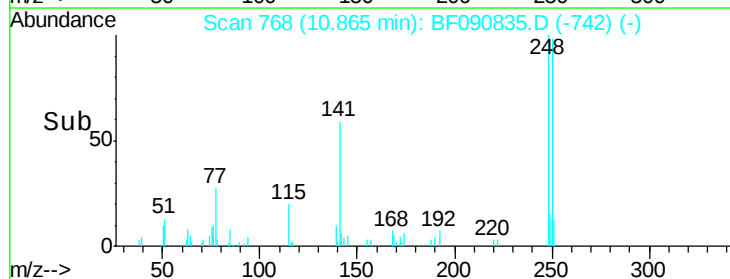
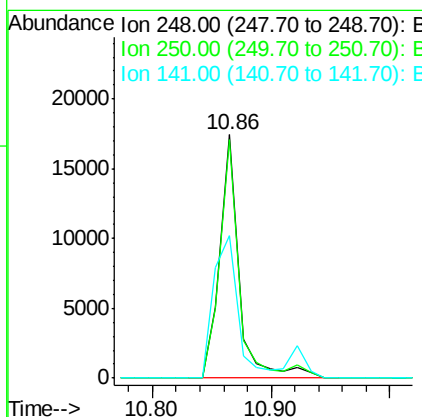
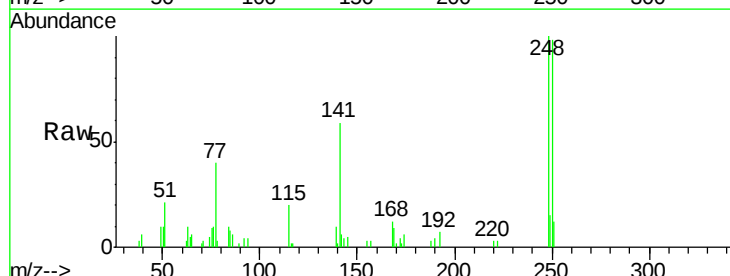
Instrument :
 BNA_F
 ClientSampleId :

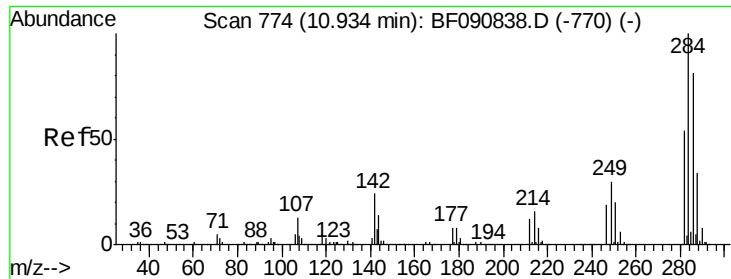
Tot Ion:169 Resp: 60049
 Ion Ratio Lower Upper
 169 100
 168 70.5 48.9 73.3
 167 37.4 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 2.71 ng
 RT: 10.86 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Tgt Ion:248 Resp: 19571
 Ion Ratio Lower Upper
 248 100
 250 98.1 78.5 117.7
 141 58.7 59.0 88.6#

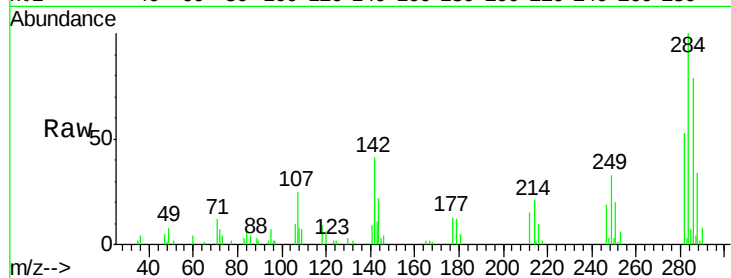




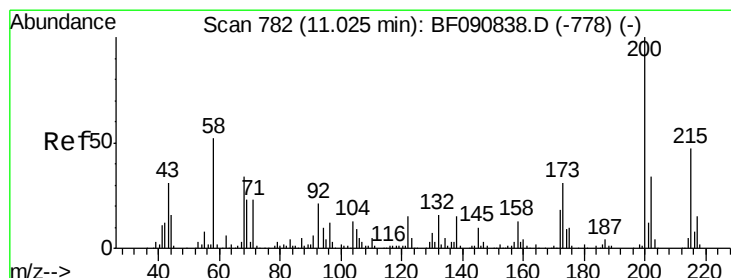
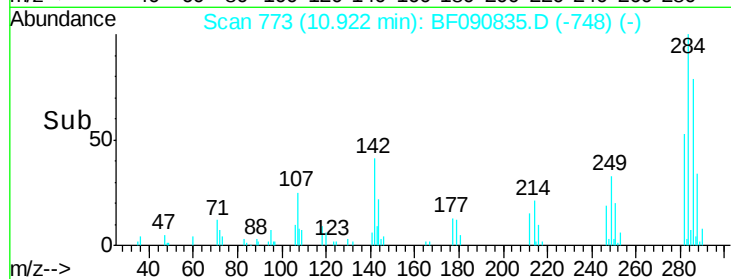
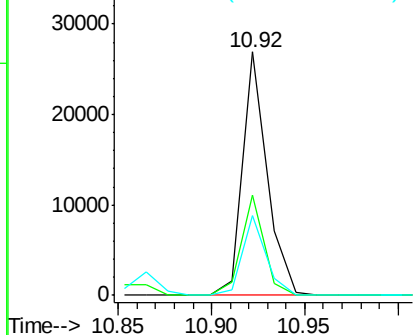
#67
Hexachlorobenzene
Concen: 2.90 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 24675
Ion Ratio Lower Upper
284 100
142 41.3 29.5 44.3
249 32.6 19.5 29.3#

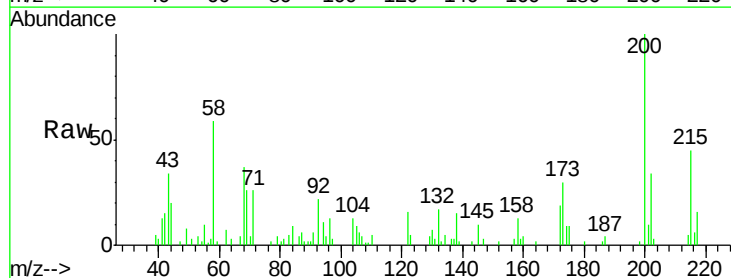


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

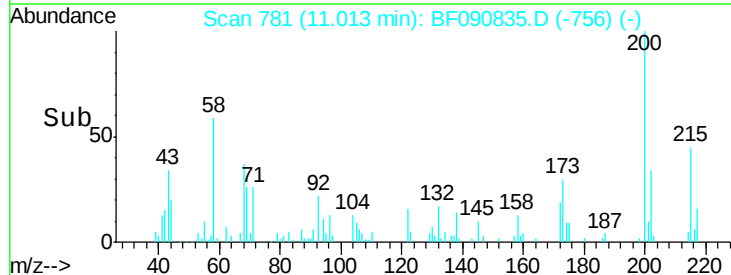
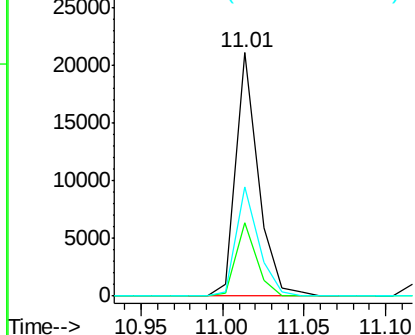


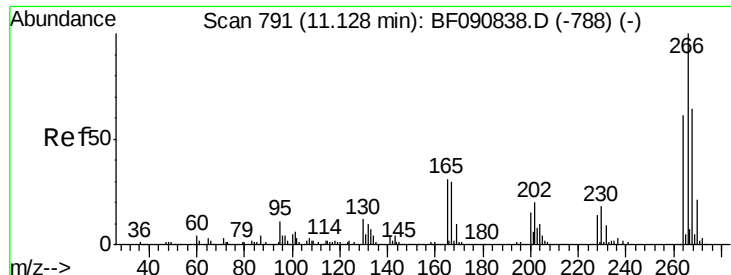
#68
Atrazine
Concen: 3.04 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion:200 Resp: 19983
Ion Ratio Lower Upper
200 100
173 30.1 13.2 53.2
215 44.8 41.8 81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

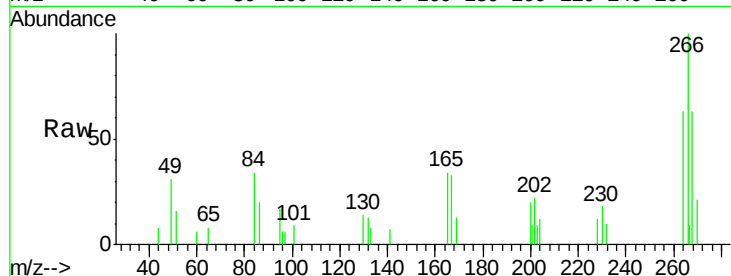




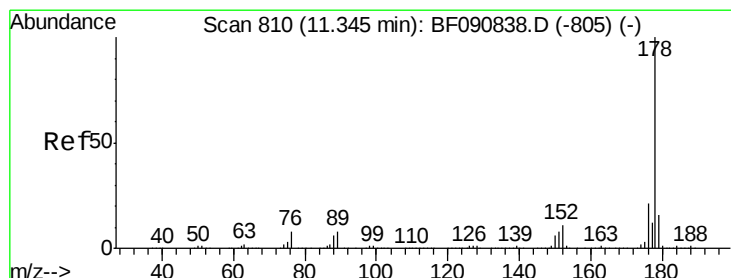
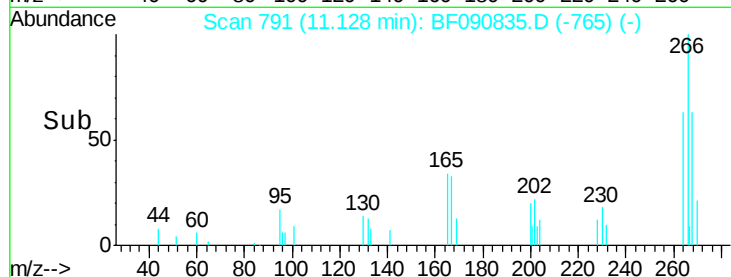
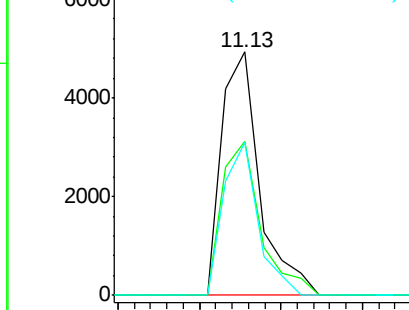
#69
 Pentachlorophenol
 Concen: 3.59 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 7935
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.8 74.6
 264 62.6 50.2 75.2

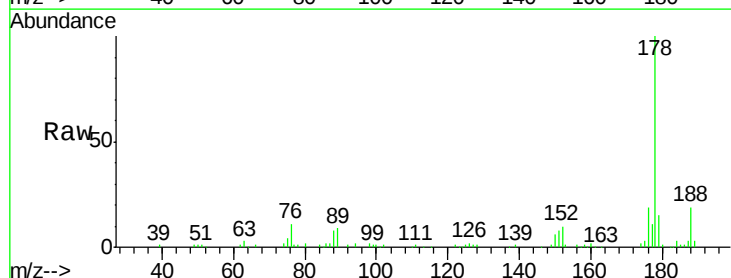


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

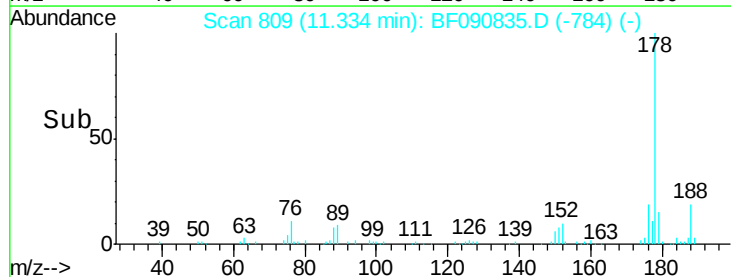
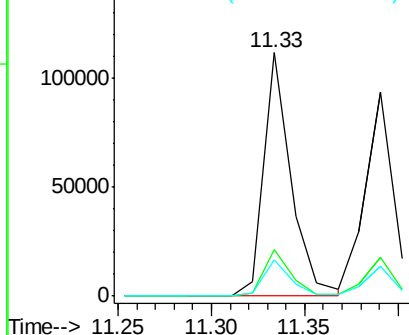


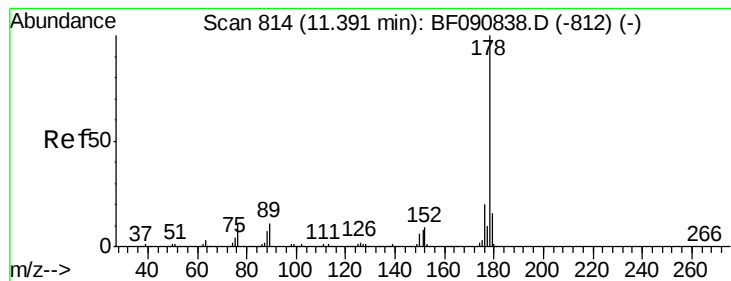
#70
 Phenanthrene
 Concen: 2.97 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Tgt Ion:178 Resp: 112615
 Ion Ratio Lower Upper
 178 100
 176 19.1 13.8 20.8
 179 15.1 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2.69 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

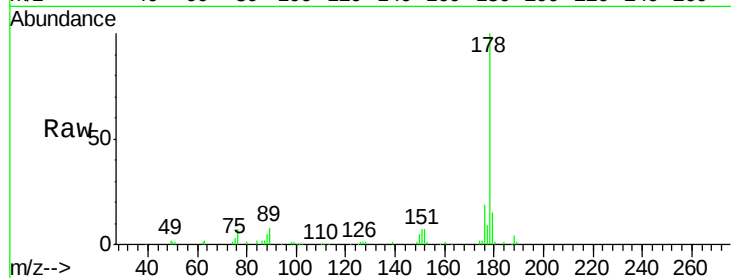
Tot Ion:178 Resp: 113031

Ion Ratio Lower Upper

178 100

176 18.8 14.1 21.1

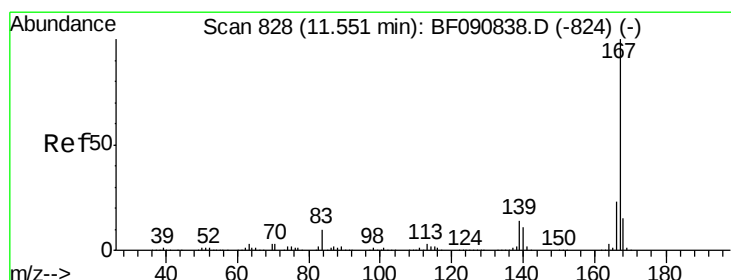
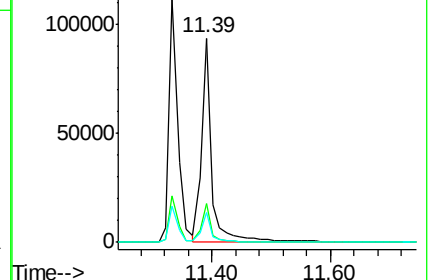
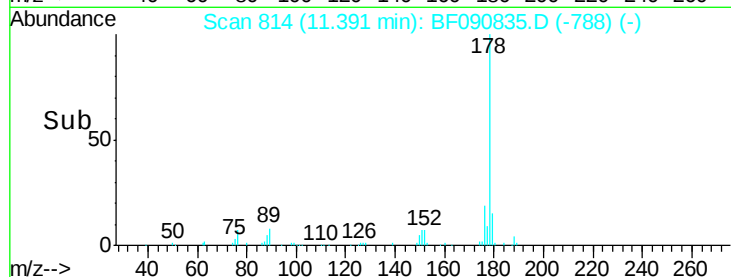
179 14.9 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.69 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

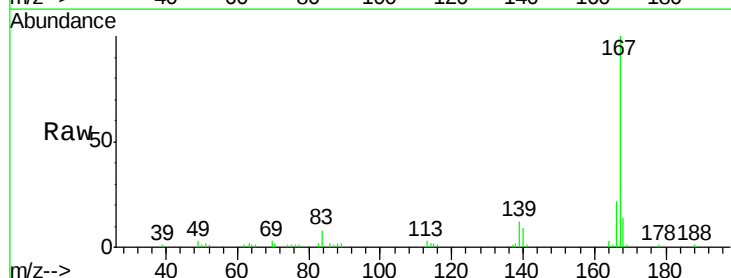
Tgt Ion:167 Resp: 94646

Ion Ratio Lower Upper

167 100

166 22.1 15.7 23.5

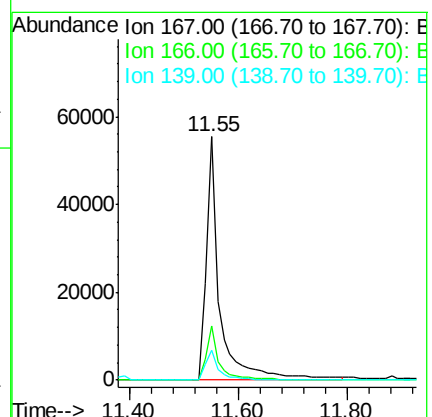
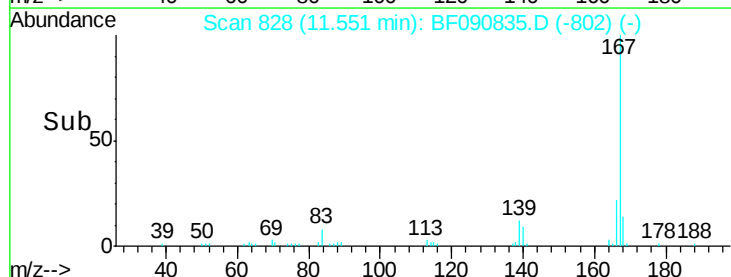
139 12.4 9.5 14.3

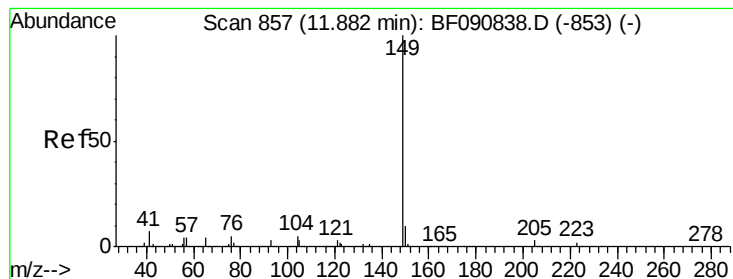


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 2.99 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

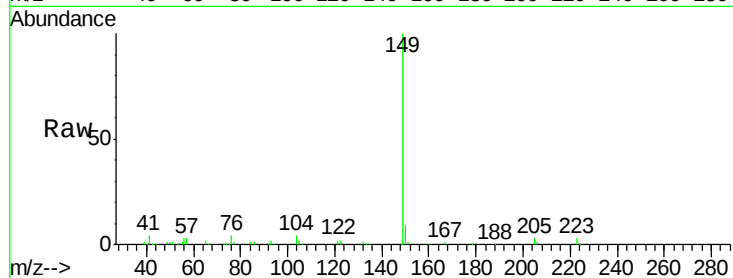
Tot Ion:149 Resp: 136350

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

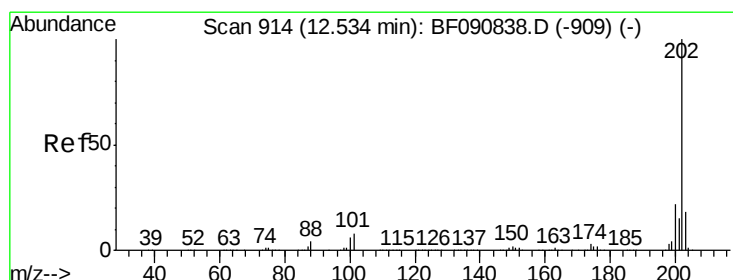
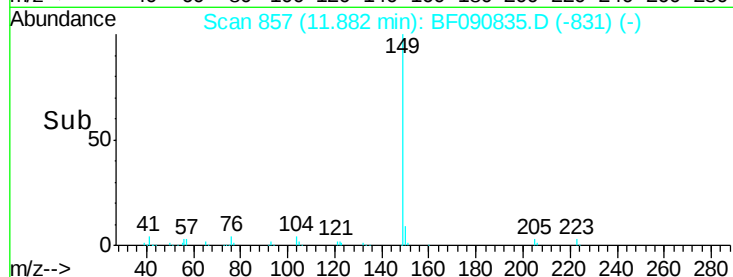
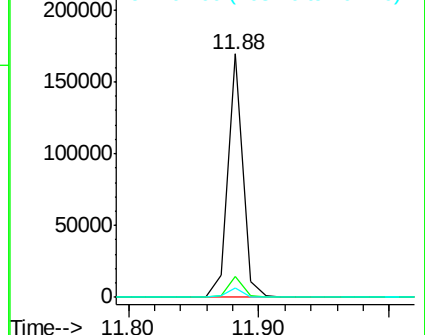
104 3.9 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 3.31 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

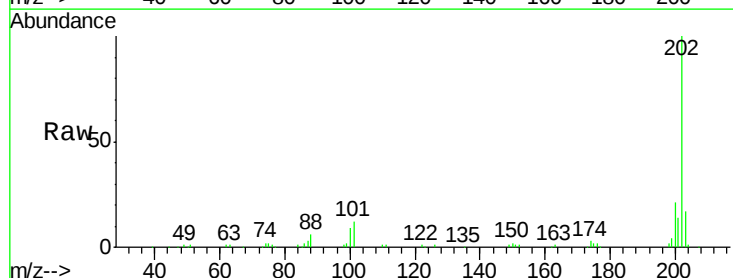
Tgt Ion:202 Resp: 121469

Ion Ratio Lower Upper

202 100

101 12.2 0.0 38.3

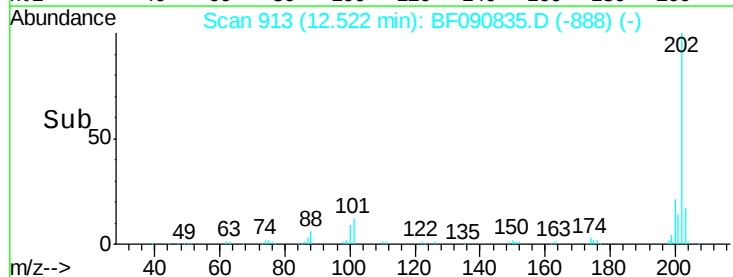
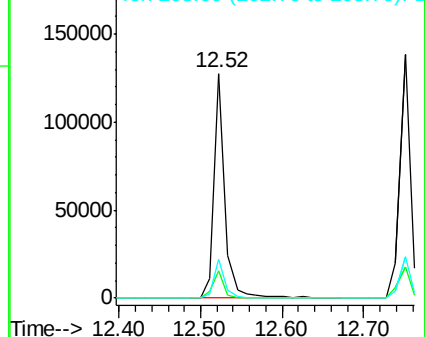
203 17.2 0.0 37.3

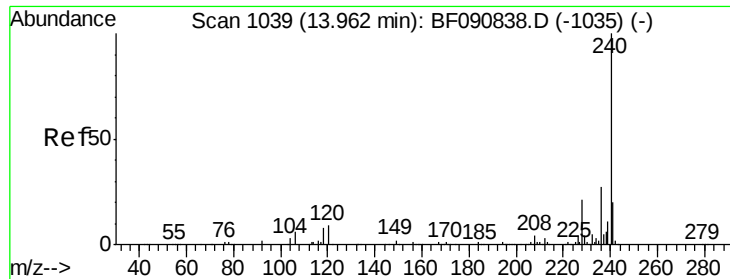


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampled :

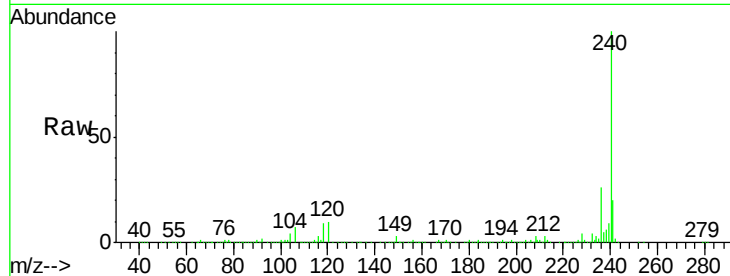
Tot Ion:240 Resp: 688926

Ion Ratio Lower Upper

240 100

120 10.0 16.2 24.2#

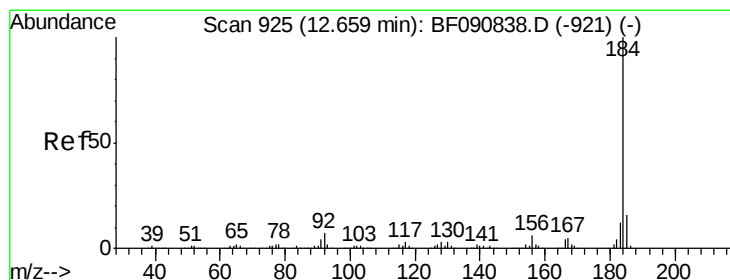
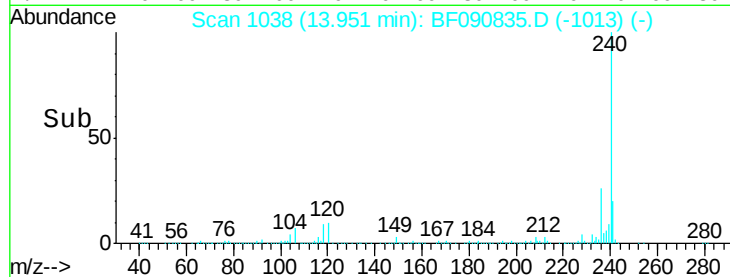
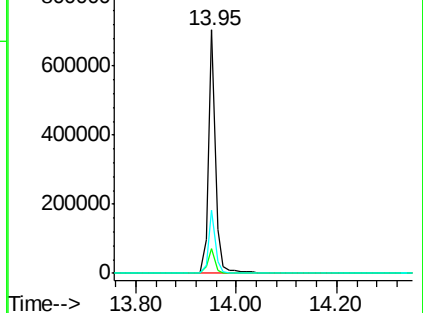
236 26.2 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.36 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

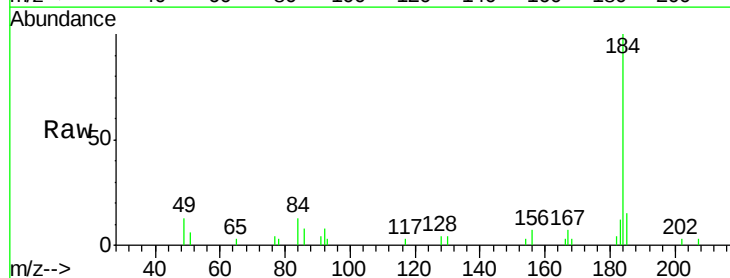
Tgt Ion:184 Resp: 36177

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

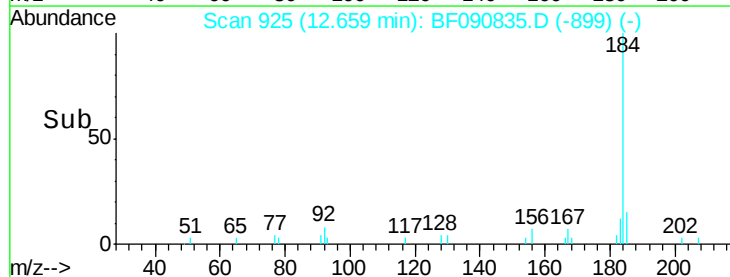
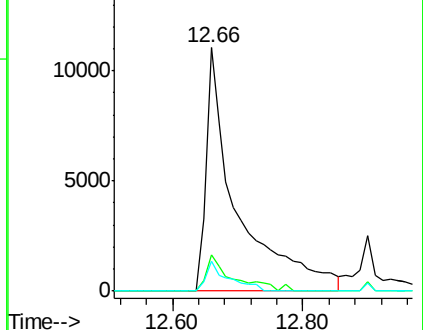
183 12.2 7.6 11.4#

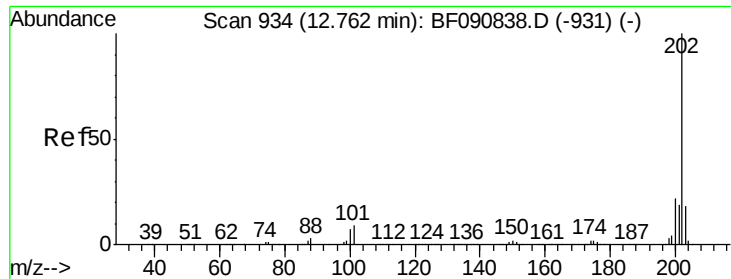


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

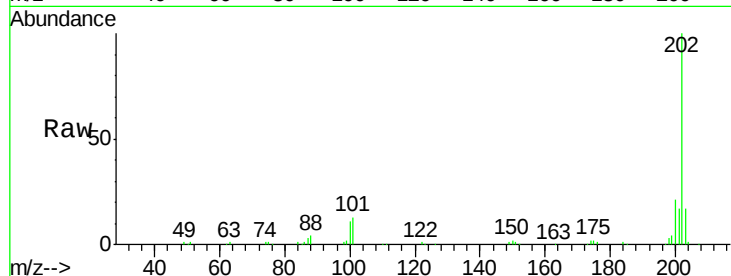




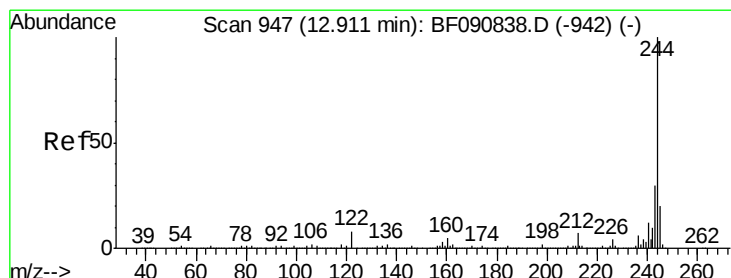
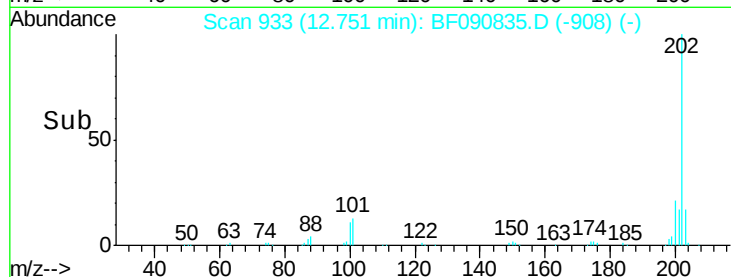
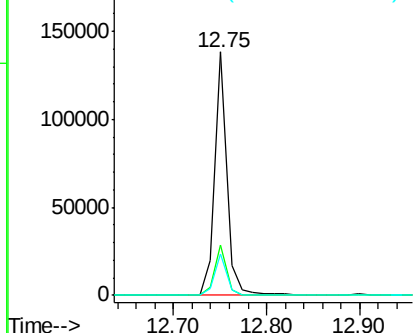
#77
Pvrene
Concen: 2.64 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.0	22.4
203	17.1	14.1	21.1

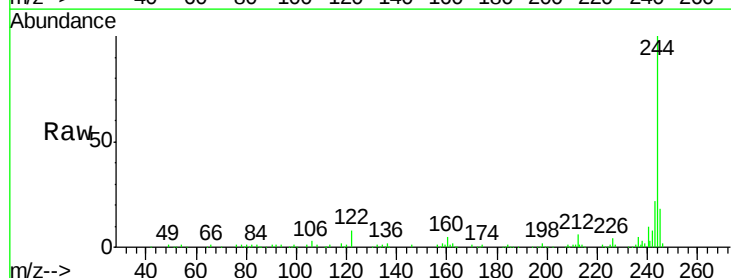


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

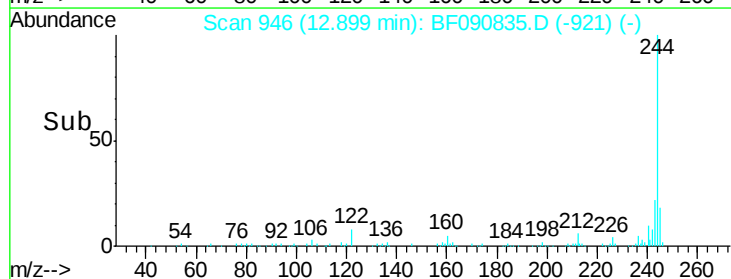
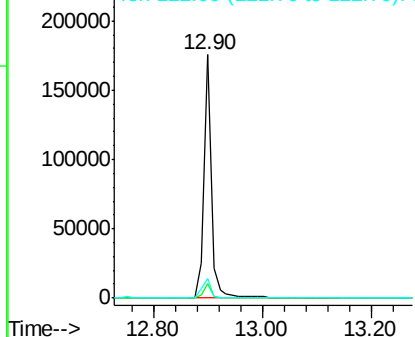


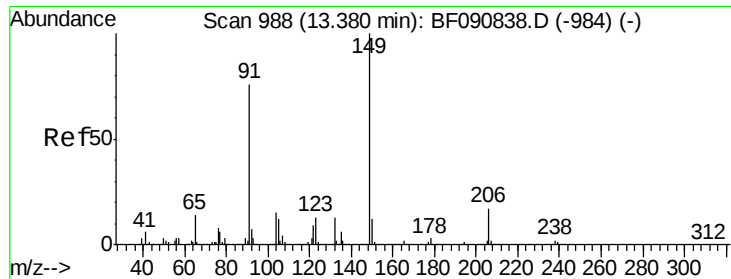
#78
Terphenyl-d14
Concen: 5.53 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.9	4.3	6.5
122	8.1	17.4	26.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

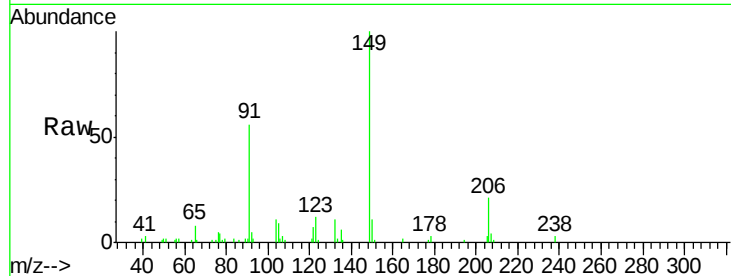




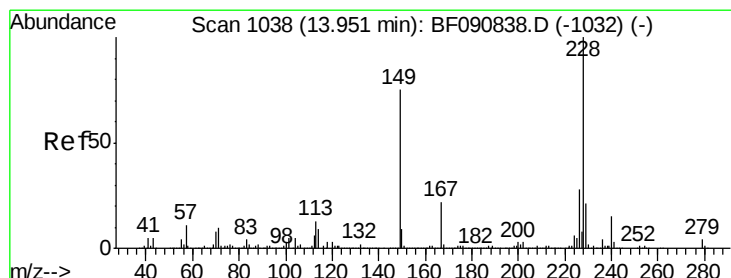
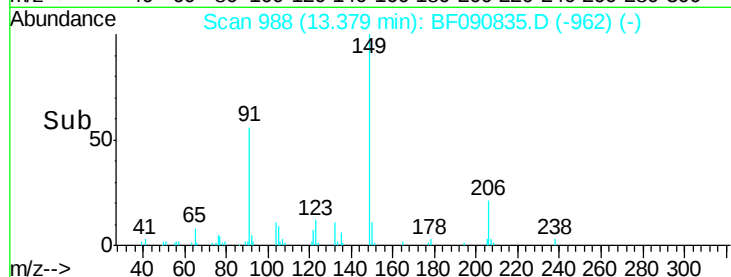
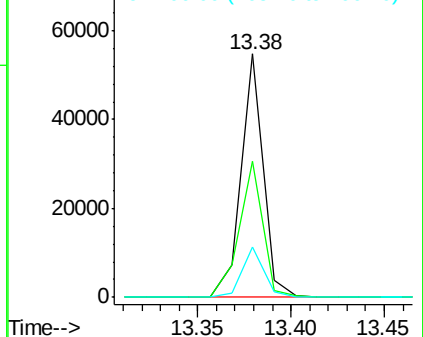
#79
Butylbenzylphthalate
Concen: 2.05 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	56.0	48.6	72.8
206	20.9	14.9	22.3

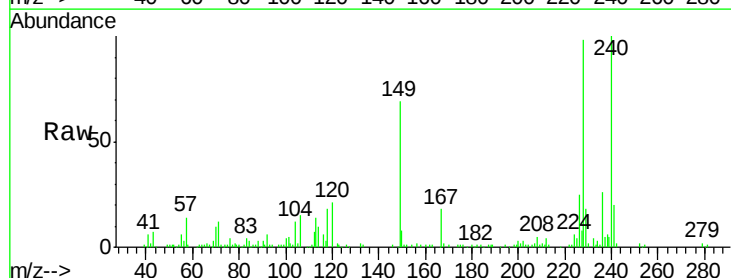


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

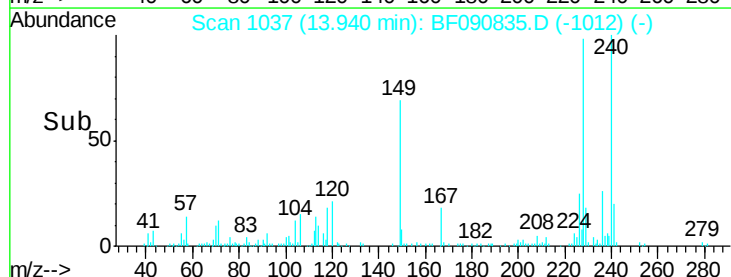
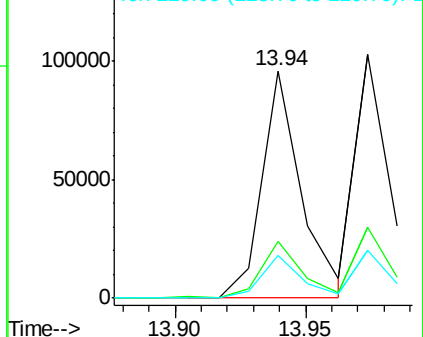


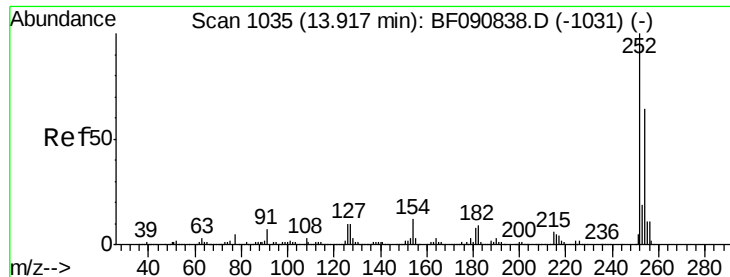
#80
Benzo(a)anthracene
Concen: 2.68 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.2	20.0	30.0
229	18.9	15.4	23.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 2.75 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

Instrument :

BNA_F

ClientSampleId :

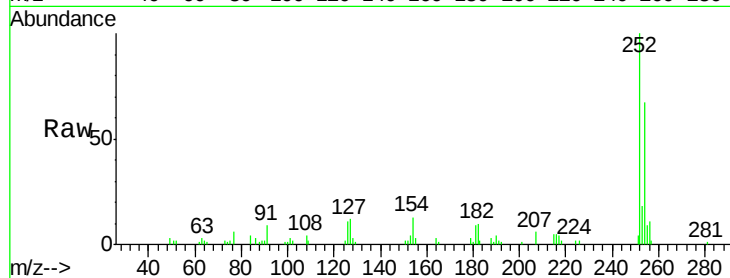
Tot Ion:252 Resp: 35925

Ion Ratio Lower Upper

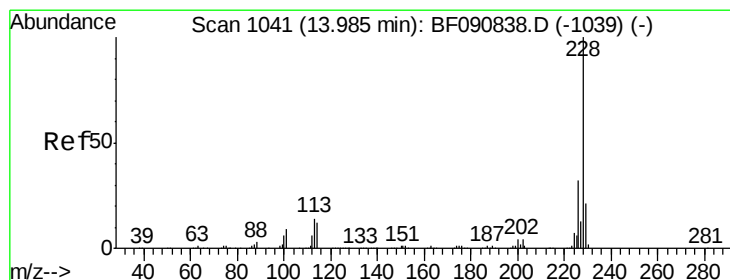
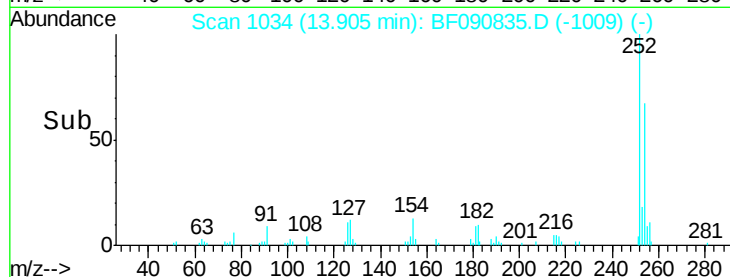
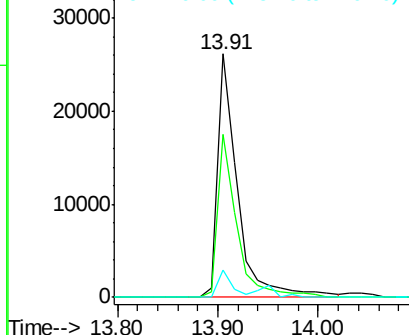
252 100

254 67.1 51.4 77.2

126 11.3 16.4 24.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 2.80 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF090835.D

Acq: 26 Oct 2016 11:39

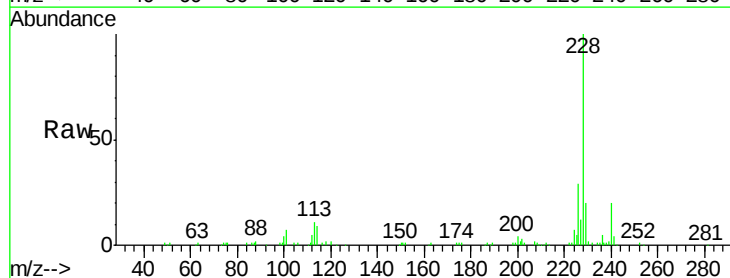
Tgt Ion:228 Resp: 103074

Ion Ratio Lower Upper

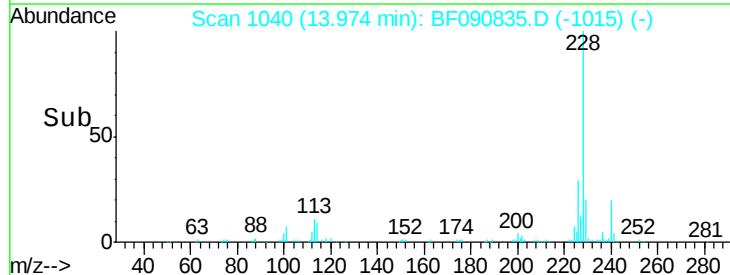
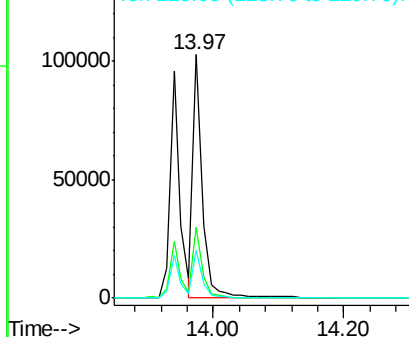
228 100

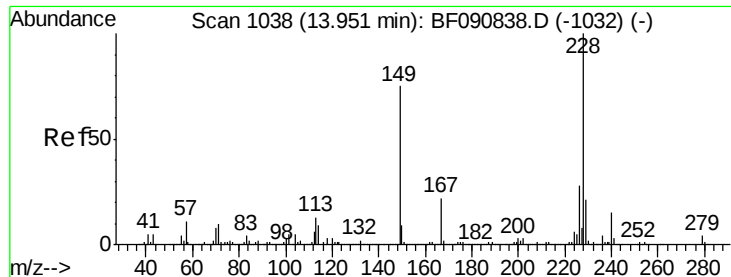
226 28.9 21.0 31.4

229 19.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

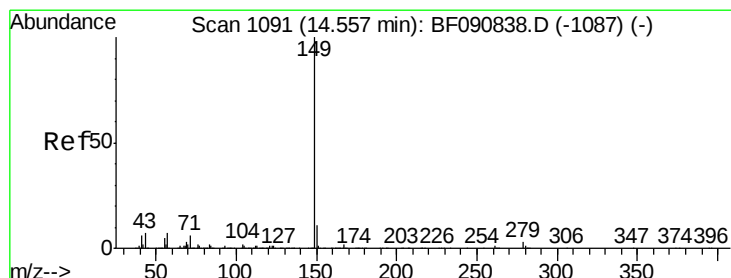
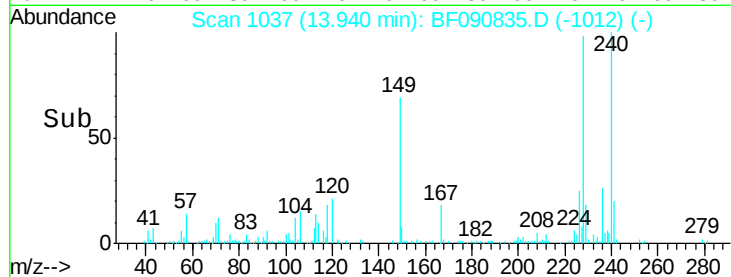
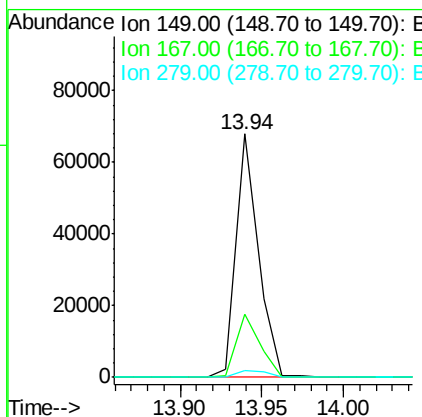
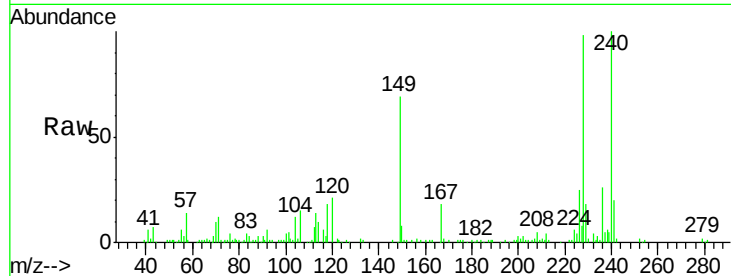




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.02 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

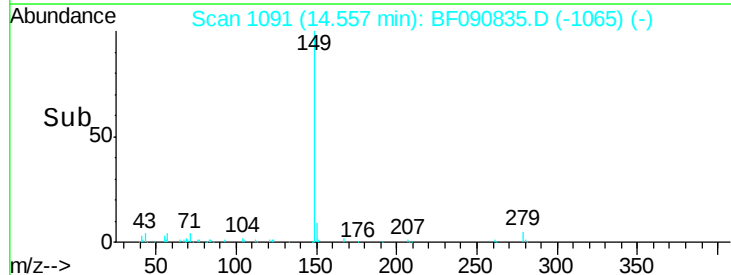
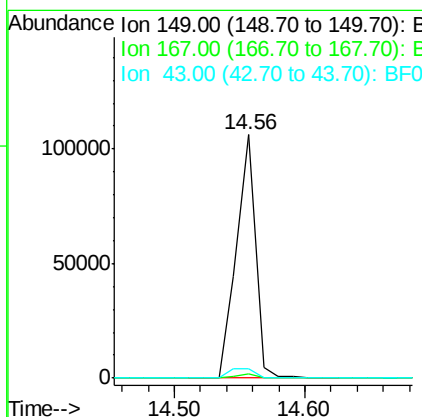
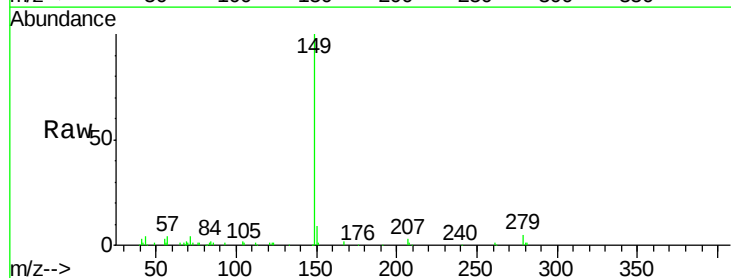
Instrument :
 BNA_F
 ClientSampled :

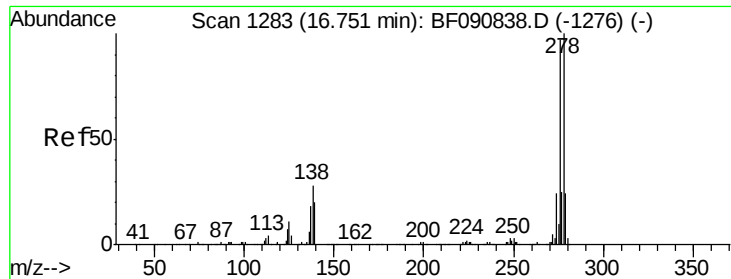
Tot Ion:149 Resp: 63918
 Ion Ratio Lower Upper
 149 100
 167 26.2 24.2 36.2
 279 2.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 2.25 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Tgt Ion:149 Resp: 108130
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 5.5 10.2 15.2#

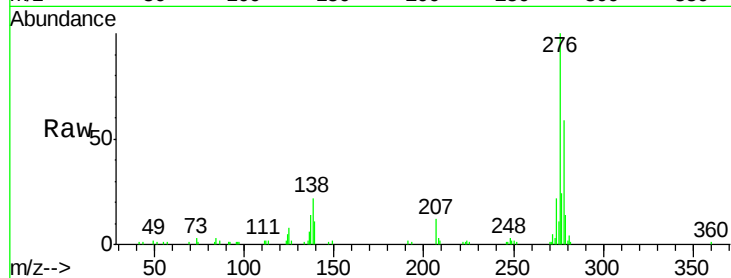




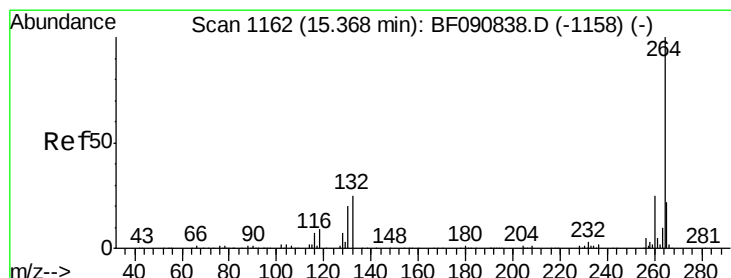
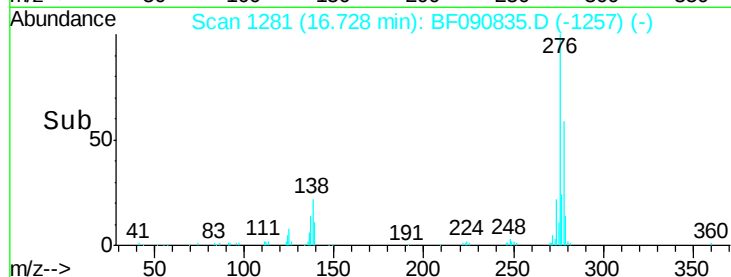
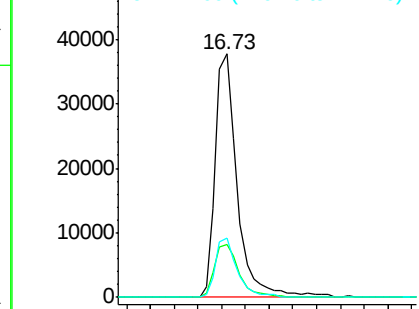
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.03 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 97344
 Ion Ratio Lower Upper
 276 100
 138 24.3 25.7 38.5#
 277 23.9 15.6 23.4#

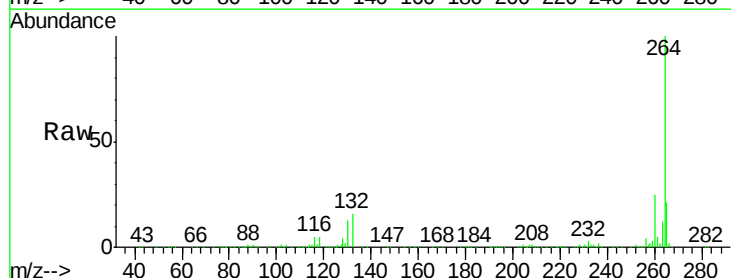


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

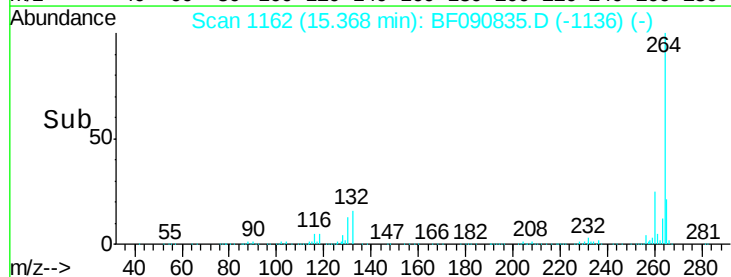
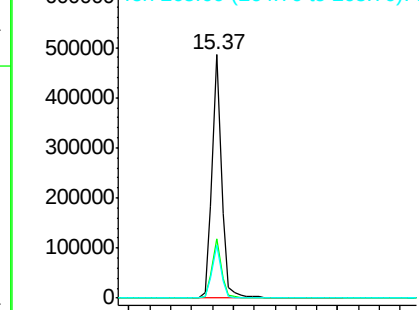


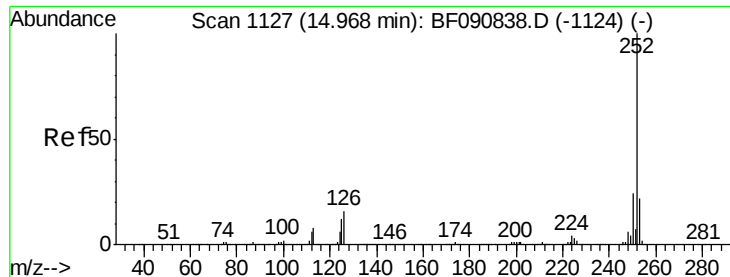
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Tgt Ion:264 Resp: 623198
 Ion Ratio Lower Upper
 264 100
 260 24.6 16.7 25.1
 265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

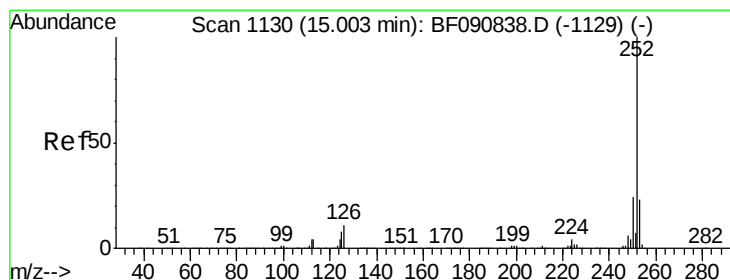
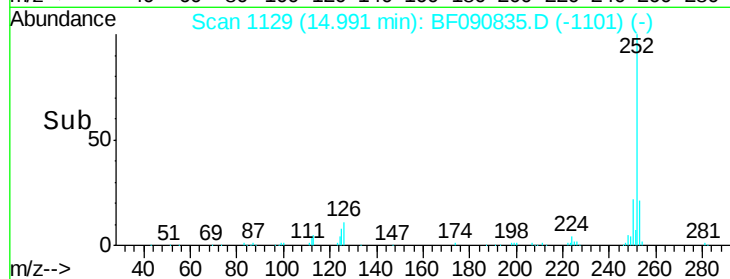
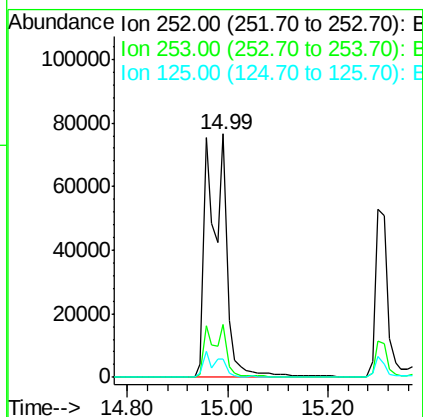
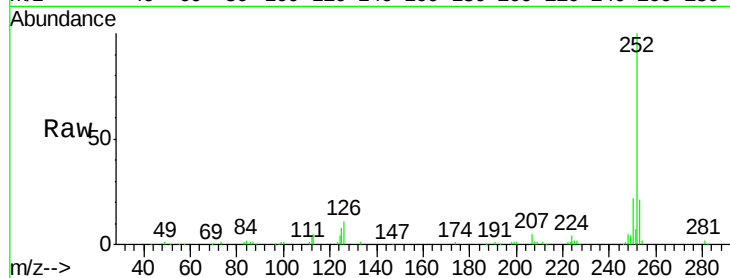




#87
Benzo(b)fluoranthene
Concen: 5.17 ng
RT: 14.99 min Scan# 1129
Delta R.T. 0.02 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

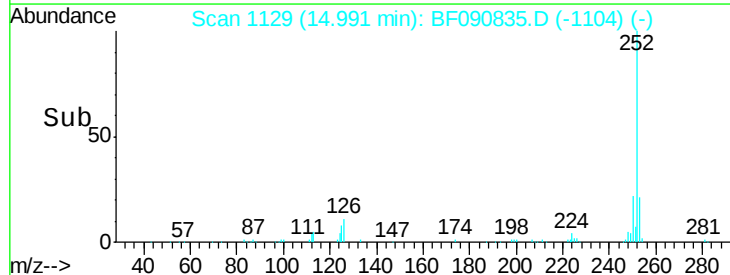
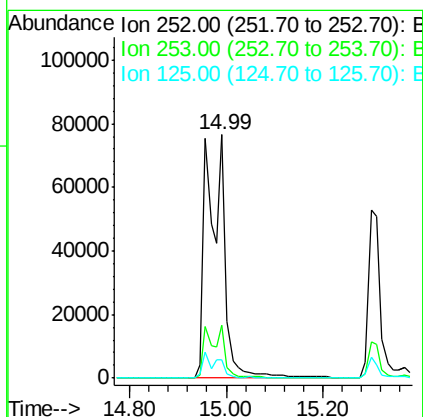
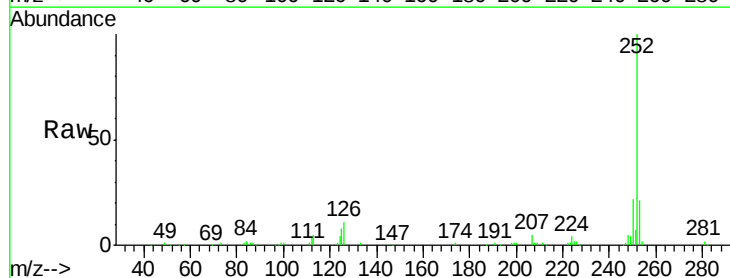
Instrument :
BNA_F
ClientSampleId :

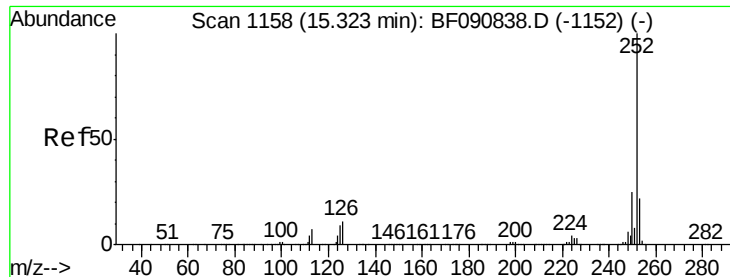
Tot Ion:252 Resp: 197986
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 7.6 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 5.14 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion:252 Resp: 197988
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 7.6 16.0 24.0#

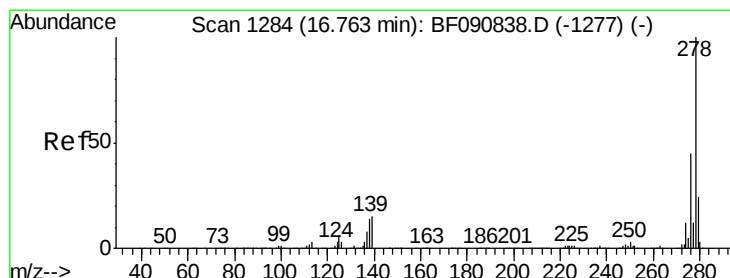
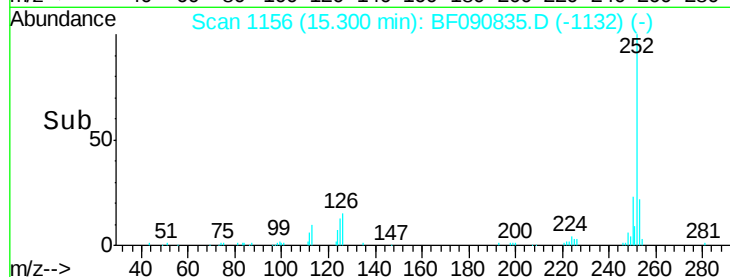
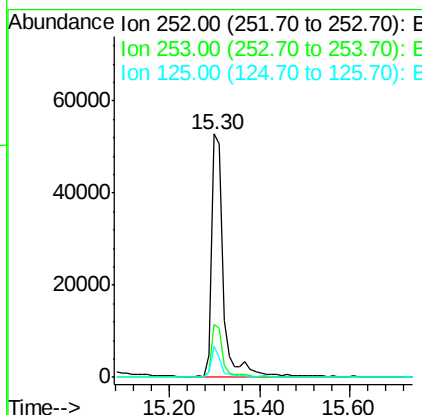
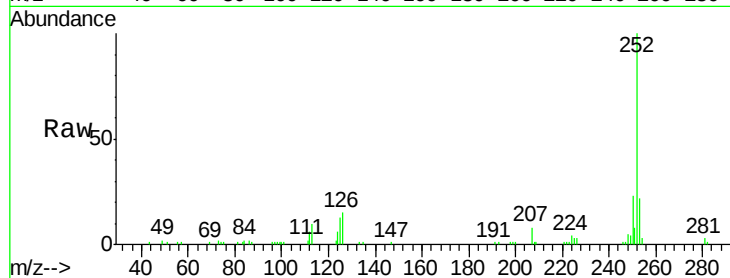




#89
Benzo(a)pyrene
Concen: 2.73 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

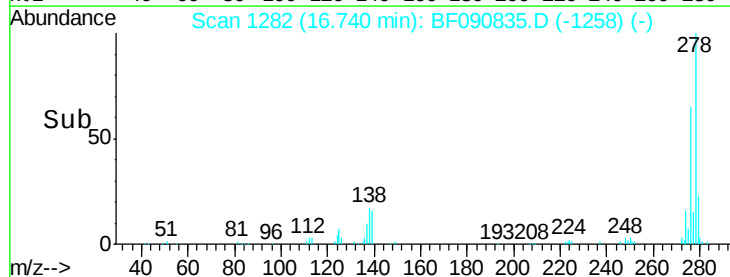
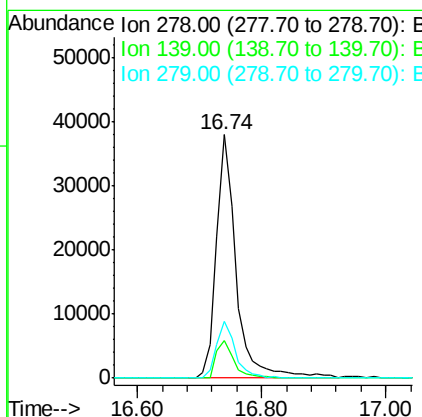
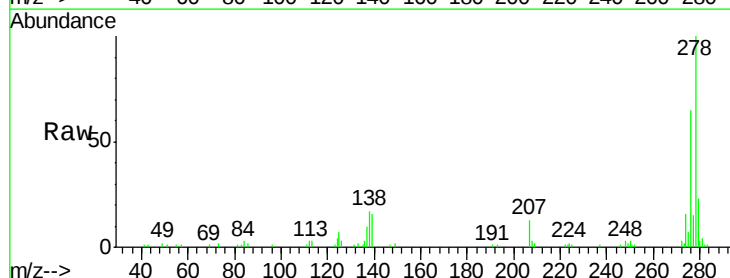
Instrument :
BNA_F
ClientSampleId :

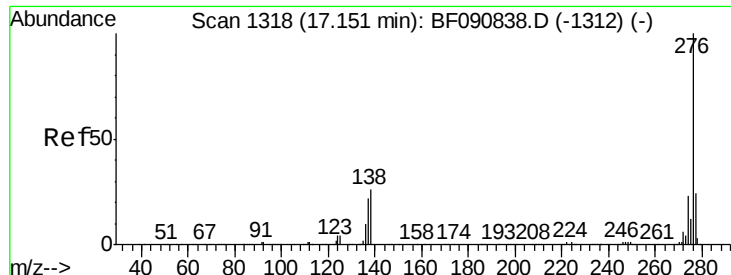
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	12.5	18.0	27.0#



#90
Dibenzo(a,h)anthracene
Concen: 2.41 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF090835.D
Acq: 26 Oct 2016 11:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	26.3	39.5#
279	23.0	18.2	27.4

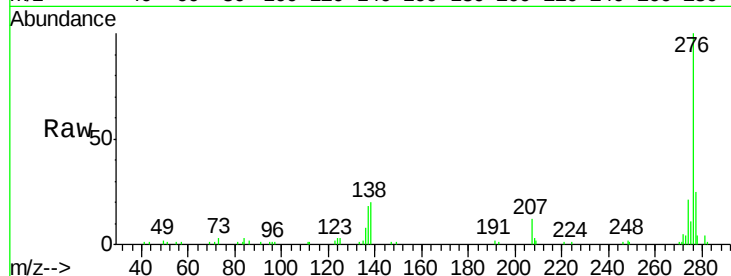




#91
 Benzo(a,h,i)perylene
 Concen: 2.53 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF090835.D
 Acq: 26 Oct 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.8	26.6
138	19.7	34.6	51.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

