

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090717.D
 Acq On : 21 Oct 2016 17:34
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

Quant Time: Oct 21 23:19:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	249607	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1039457	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	549055	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	807155	20.00	ng	0.00
75) Chrysene-d12	14.02	240	606538	20.00	ng	0.00
86) Perylene-d12	15.46	264	386827	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1231658	79.58	ng	0.00
7) Phenol-d6	6.50	99	1628574	77.69	ng	0.00
23) Nitrobenzene-d5	7.42	82	1574333	83.07	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	410833	94.54	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	2647647	74.86	ng	0.00
78) Terphenyl-d14	12.97	244	2107016	79.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	333291	37.22	ng	86
3) Pyridine	3.23	79	878989	41.89	ng	# 80
4) n-Nitrosodimethylamine	3.19	42	297347	41.41	ng	87
6) Aniline	6.52	93	995005	41.86	ng	# 70
8) 2-Chlorophenol	6.65	128	764554	41.15	ng	92
9) Benzaldehyde	6.41	77	455031	39.70	ng	# 76
10) Phenol	6.51	94	897987	38.11	ng	# 52
11) bis(2-Chloroethyl)ether	6.60	93	818543	41.34	ng	93
12) 1,3-Dichlorobenzene	6.79	146	718994	38.53	ng	# 88
13) 1,4-Dichlorobenzene	6.87	146	791024	39.96	ng	# 90
14) 1,2-Dichlorobenzene	7.03	146	736841	38.02	ng	96
15) Benzyl Alcohol	7.00	79	579394	40.69	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1101347	37.14	ng	75
17) 2-Methylphenol	7.11	107	579226	41.38	ng	# 82
18) Hexachloroethane	7.37	117	301270	37.49	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	569305	36.47	ng	# 68
20) 3+4-Methylphenols	7.27	107	668587	40.29	ng	# 62
22) Acetophenone	7.27	105	932932	40.27	ng	# 80
24) Nitrobenzene	7.45	77	876493	42.66	ng	# 68
25) Isophorone	7.69	82	1428696	39.82	ng	# 87
26) 2-Nitrophenol	7.77	139	373107	44.45	ng	# 79
27) 2,4-Dimethylphenol	7.80	122	598899	40.24	ng	# 78
28) bis(2-Chloroethoxy)methane	7.90	93	832298	42.41	ng	# 95
29) 2,4-Dichlorophenol	8.01	162	547403	44.82	ng	94
30) 1,2,4-Trichlorobenzene	8.09	180	595431	41.42	ng	# 96
31) Naphthalene	8.17	128	1955480	38.46	ng	96
32) Benzoic acid	7.95	122	420025	41.29	ng	# 60
33) 4-Chloroaniline	8.22	127	833890	44.22	ng	# 94
34) Hexachlorobutadiene	8.29	225	347765	43.03	ng	99
35) Caprolactam	8.60	113	163334	46.82	ng	# 83
36) 4-Chloro-3-methylphenol	8.70	107	612290	43.10	ng	# 81
37) 2-Methylnaphthalene	8.86	142	1294214	43.55	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	567993	38.31	ng	98
40) Hexachlorocyclopentadiene	9.01	237	274897	39.50	ng	95

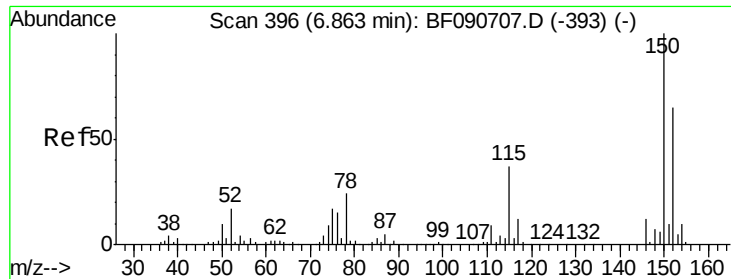
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	389864	42.40	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	368904	39.54	ng	97
45) 1,1'-Biphenyl	9.32	154	1536609	35.64	ng	90
46) 2-Chloronaphthalene	9.34	162	1195576	37.31	ng	# 87
47) 2-Nitroaniline	9.45	65	448921	42.20	ng	# 74
48) Acenaphthylene	9.77	152	1953112	39.94	ng	96
49) Dimethylphthalate	9.63	163	1361571	39.46	ng	# 97
50) 2,6-Dinitrotoluene	9.69	165	278716	37.57	ng	# 48
51) Acenaphthene	9.94	154	1320477	40.68	ng	88
52) 3-Nitroaniline	9.86	138	331127	38.83	ng	# 55
53) 2,4-Dinitrophenol	9.96	184	143998	44.25	ng	# 39
54) Dibenzofuran	10.11	168	1653510	42.05	ng	# 88
55) 4-Nitrophenol	10.02	139	202747	41.76	ng	# 25
56) 2,4-Dinitrotoluene	10.09	165	369450	40.74	ng	# 50
57) Fluorene	10.45	166	1380292	42.35	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	309061	42.21	ng	# 89
59) Diethylphthalate	10.33	149	1442119	40.30	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	622955	41.83	ng	# 87
61) 4-Nitroaniline	10.47	138	357857	41.43	ng	# 47
62) Azobenzene	10.60	77	1628585	38.87	ng	86
64) 4,6-Dinitro-2-methylphenol	10.50	198	195473	38.82	ng	81
65) n-Nitrosodiphenylamine	10.57	169	1111412	42.98	ng	90
66) 4-Bromophenyl-phenylether	10.93	248	358526	45.82	ng	97
67) Hexachlorobenzene	11.00	284	426227	46.16	ng	# 81
68) Atrazine	11.09	200	341953	47.91	ng	85
69) Pentachlorophenol	11.19	266	209129	43.70	ng	97
70) Phenanthrene	11.46	178	1746867	42.46	ng	95
71) Anthracene	11.46	178	1760453	38.58	ng	96
72) Carbazole	11.62	167	1674326	43.89	ng	# 93
73) Di-n-butylphthalate	11.95	149	2145758	43.36	ng	# 96
74) Fluoranthene	12.59	202	1681035	42.24	ng	98
76) Benzidine	12.71	184	574350	42.65	ng	95
77) Pyrene	12.59	202	1681012	39.68	ng	95
79) Butylbenzylphthalate	13.45	149	908056	46.63	ng	94
80) Benzo(a)anthracene	14.01	228	1391934	41.94	ng	96
81) 3,3'-Dichlorobenzidine	13.97	252	474793	41.28	ng	99
82) Chrysene	14.01	228	1391934	42.97	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1175457	42.19	ng	# 97
84) Di-n-octyl phthalate	14.61	149	1660666	39.28	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.86	276	890391	31.50	ng	# 95
87) Benzo(b)fluoranthene	15.05	252	1060341	44.58	ng	# 88
88) Benzo(k)fluoranthene	15.05	252	1060341	44.36	ng	# 89
89) Benzo(a)pyrene	15.40	252	934065	41.86	ng	# 87
90) Dibenzo(a,h)anthracene	16.88	278	779272	36.37	ng	# 88
91) Benzo(g,h,i)perylene	17.29	276	713494	34.33	ng	# 84

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 396

Delta R.T. -0.00 min

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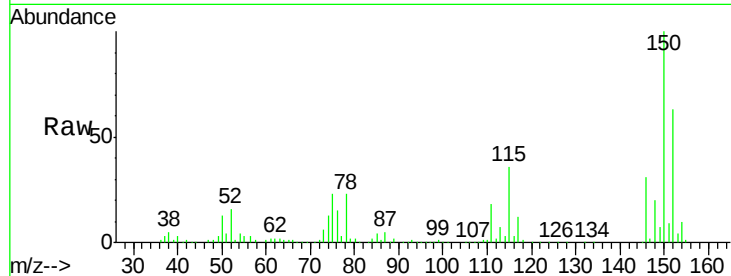
Tgt Ion:152 Resp: 249607

Ion Ratio Lower Upper

152 100

150 159.1 124.7 187.1

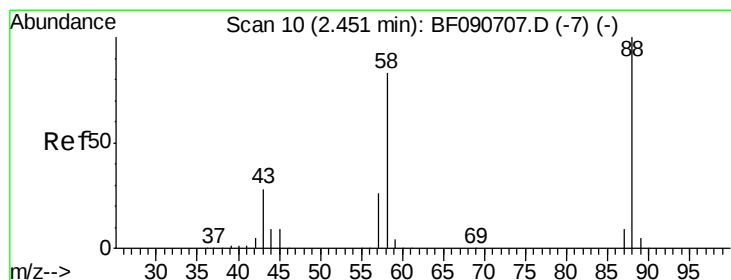
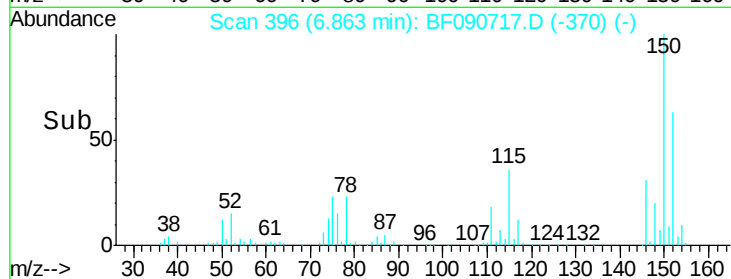
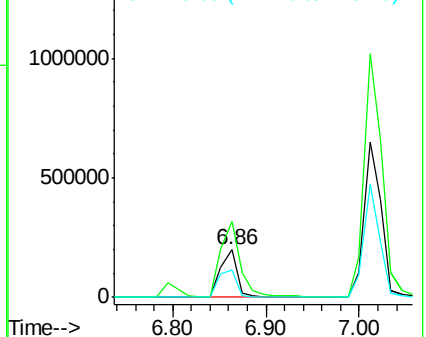
115 57.6 39.0 58.4



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: 37.22 ng

RT: 2.52 min Scan# 16

Delta R.T. 0.03 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

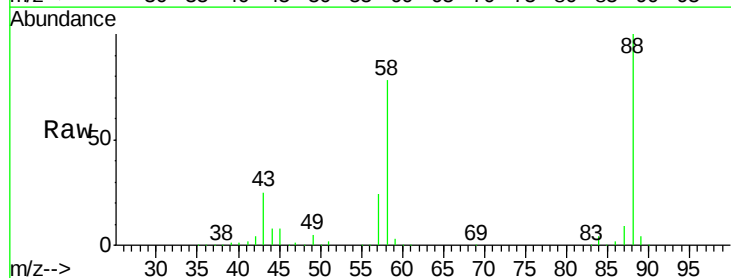
Tgt Ion: 88 Resp: 333291

Ion Ratio Lower Upper

88 100

58 82.0 77.7 116.5

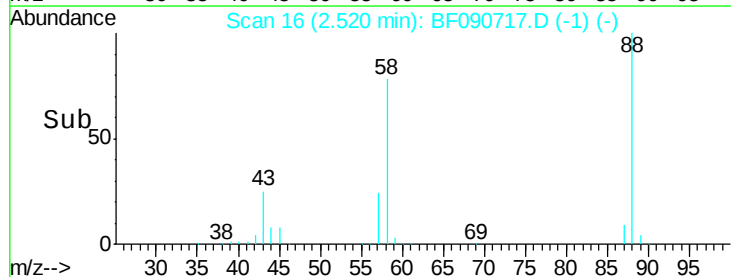
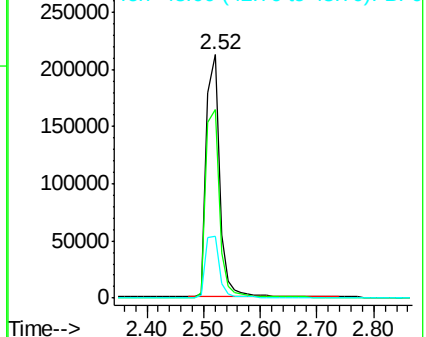
43 26.7 26.6 40.0

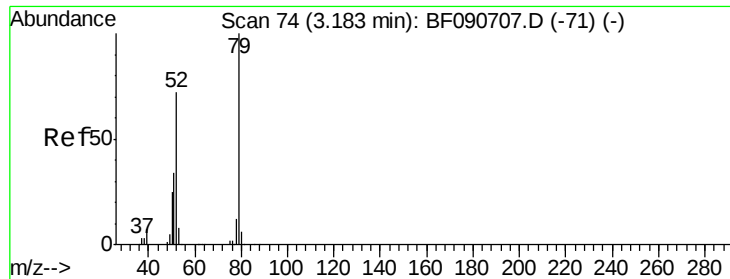


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.89 ng

RT: 3.23 min Scan# 78

Delta R.T. 0.02 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

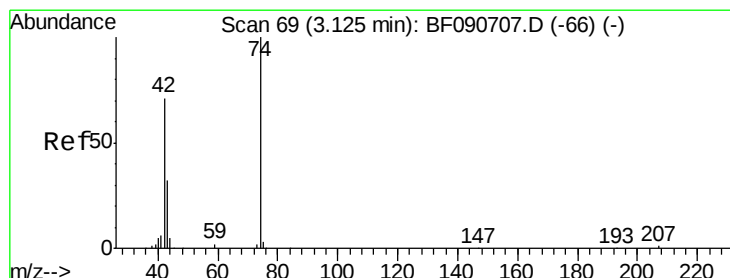
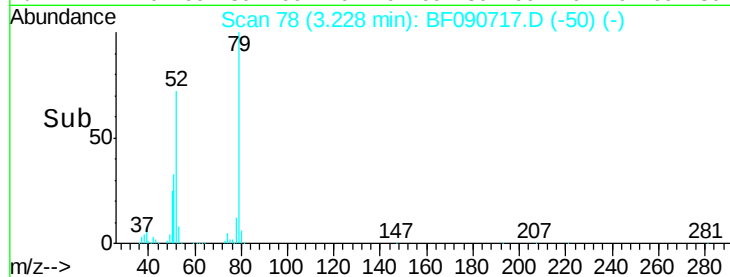
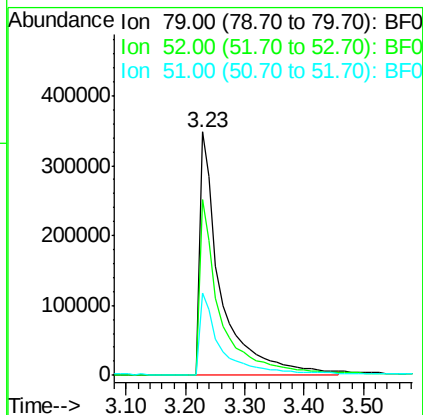
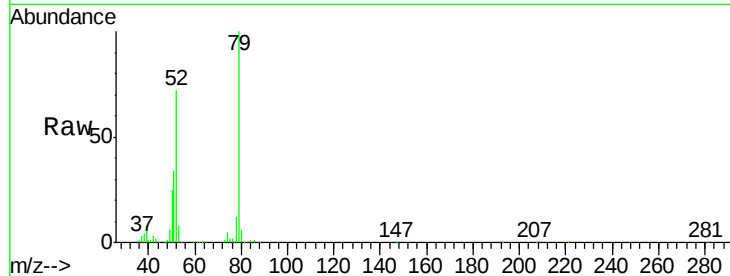
Tgt Ion: 79 Resp: 878989

Ion Ratio Lower Upper

79 100

52 72.4 76.8 115.2#

51 33.9 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 41.41 ng

RT: 3.19 min Scan# 75

Delta R.T. 0.03 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

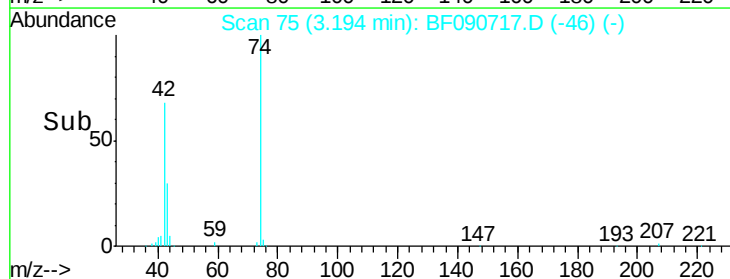
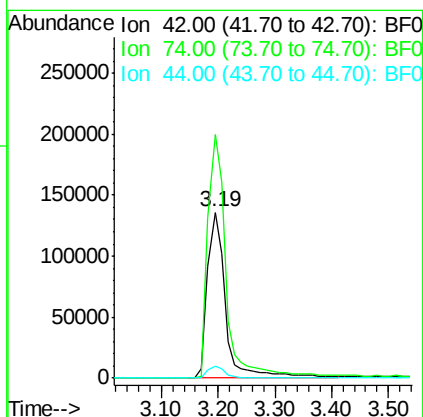
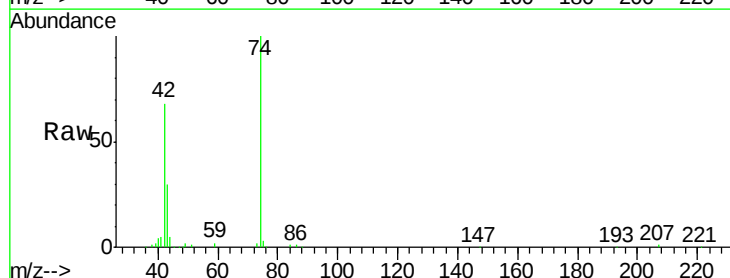
Tgt Ion: 42 Resp: 297347

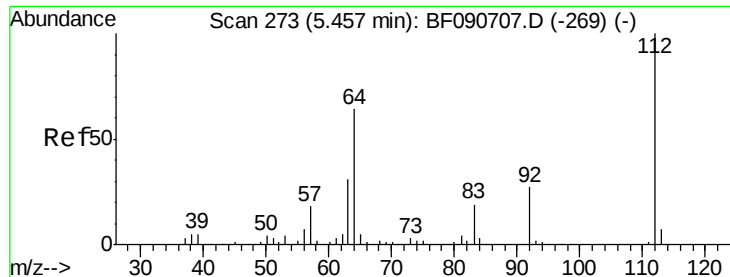
Ion Ratio Lower Upper

42 100

74 147.1 105.0 157.6

44 7.1 6.6 10.0





#5

2-Fluorophenol

Concen: 79.58 ng

RT: 5.46 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

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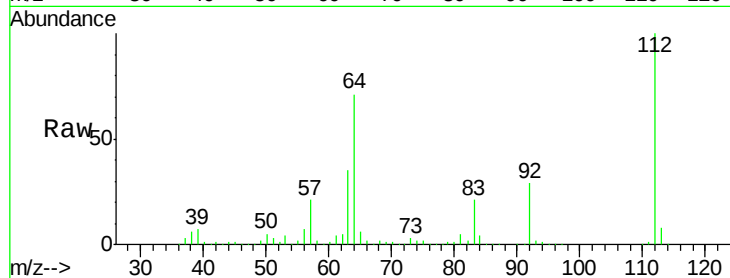
Tgt Ion: 112 Resp: 1231658

Ion Ratio Lower Upper

112 100

64 71.1 39.7 59.5#

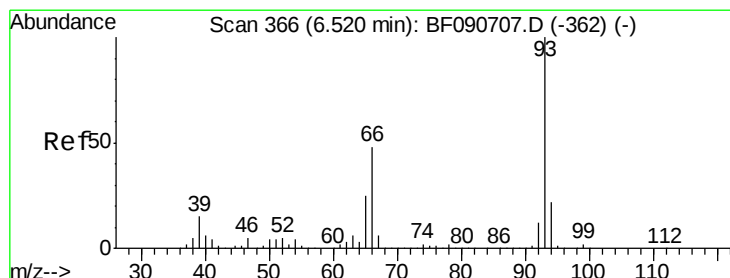
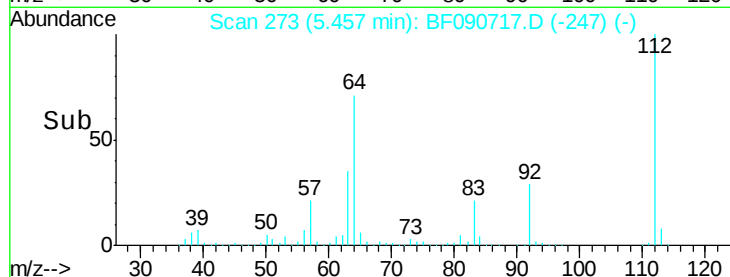
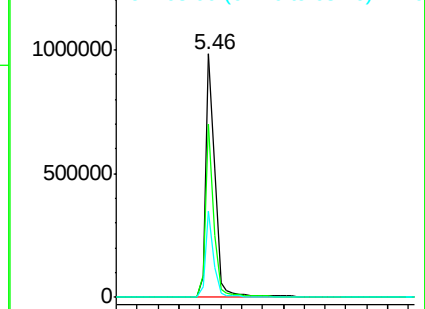
63 35.3 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.86 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

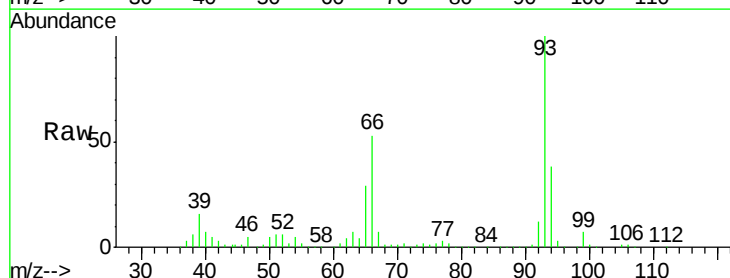
Tgt Ion: 93 Resp: 995005

Ion Ratio Lower Upper

93 100

66 53.3 27.2 40.8#

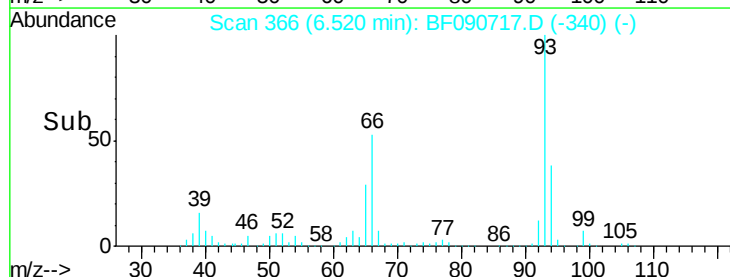
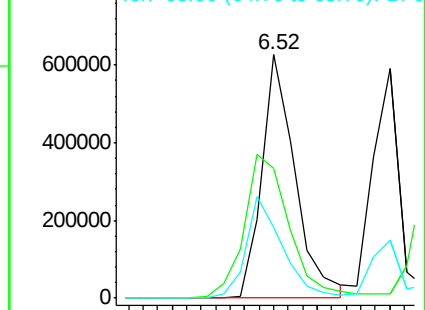
65 29.0 14.7 22.1#

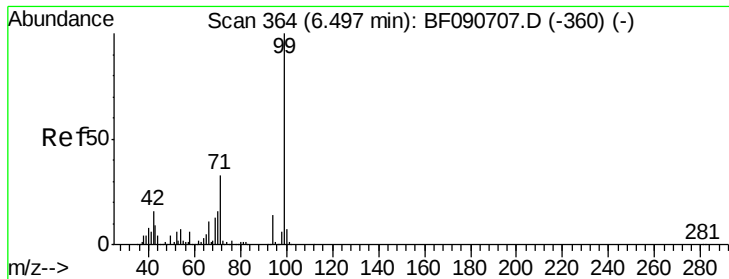


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.69 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090717.D

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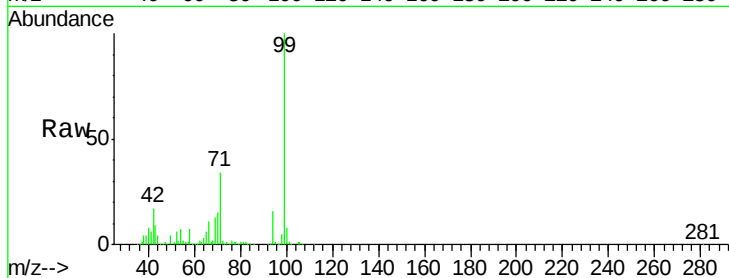
Tgt Ion: 99 Resp: 1628574

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

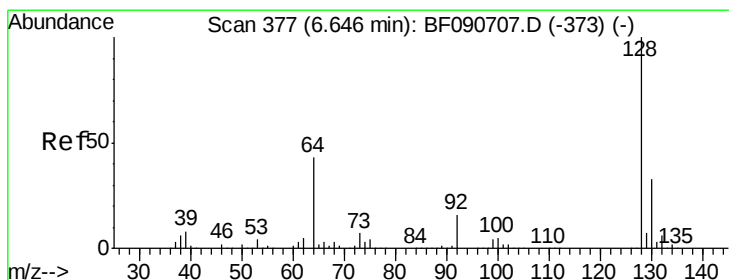
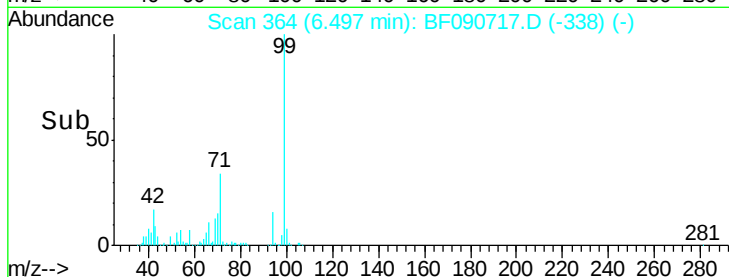
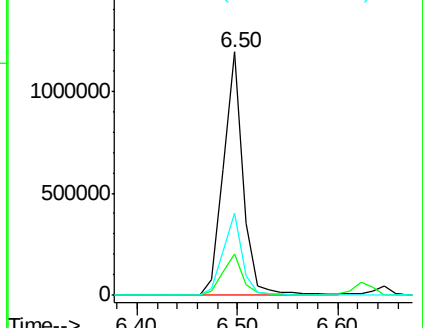
71 33.6 14.2 21.2#



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: 41.15 ng

RT: 6.65 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

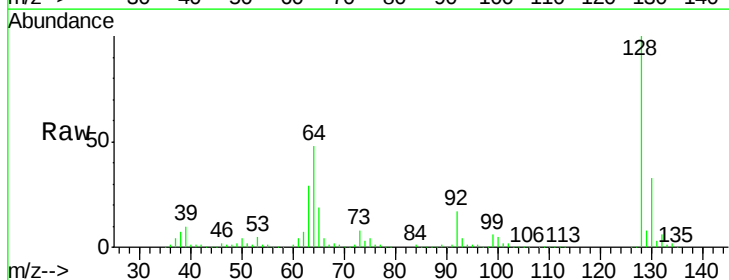
Tgt Ion: 128 Resp: 764554

Ion Ratio Lower Upper

128 100

130 33.4 12.2 52.2

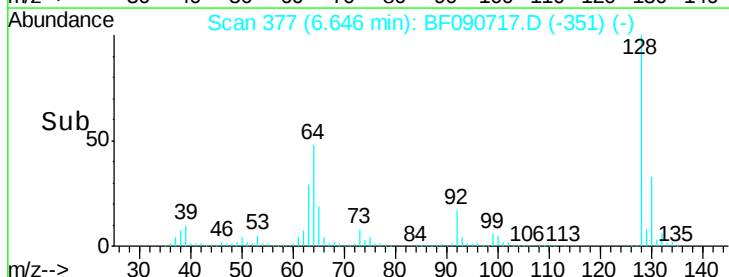
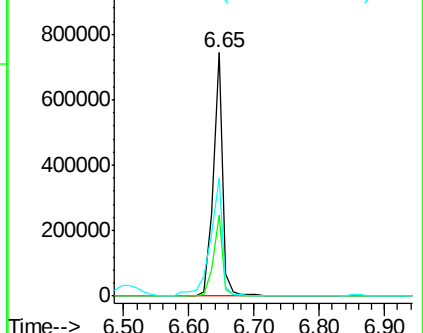
64 48.4 20.5 60.5

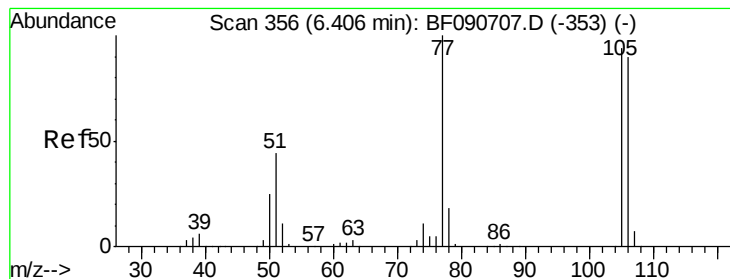


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.70 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

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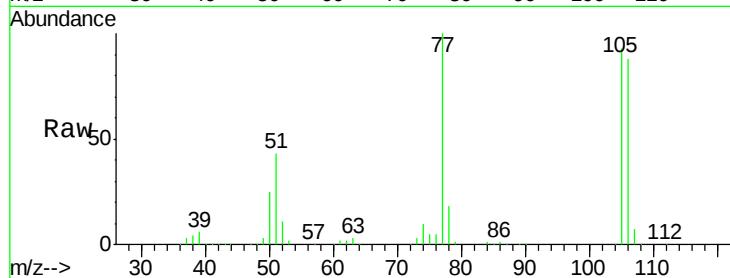
Tgt Ion: 77 Resp: 455031

Ion Ratio Lower Upper

77 100

105 92.8 91.6 131.6

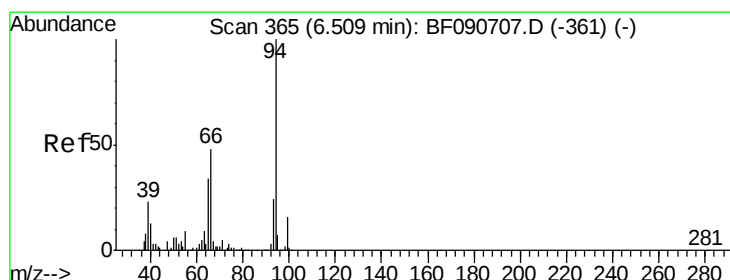
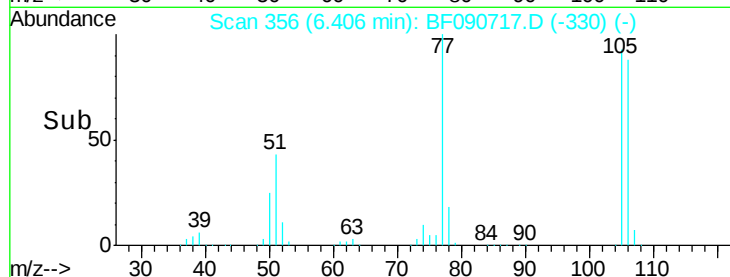
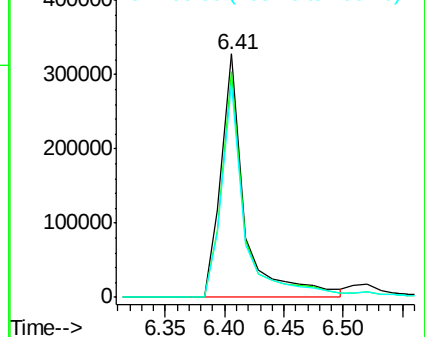
106 88.2 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.11 ng

RT: 6.51 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

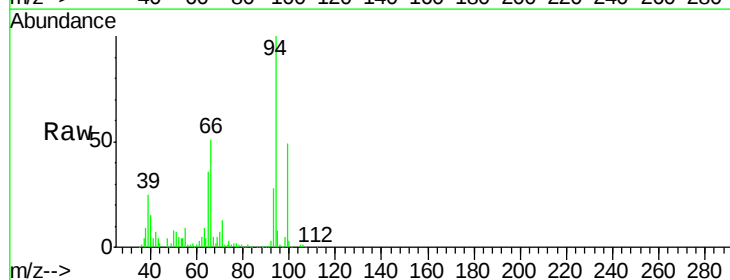
Tgt Ion: 94 Resp: 897987

Ion Ratio Lower Upper

94 100

65 35.7 0.7 40.7

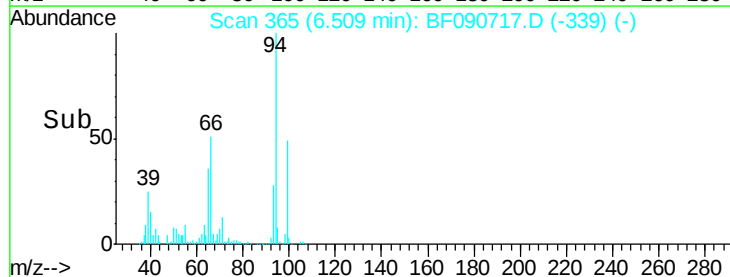
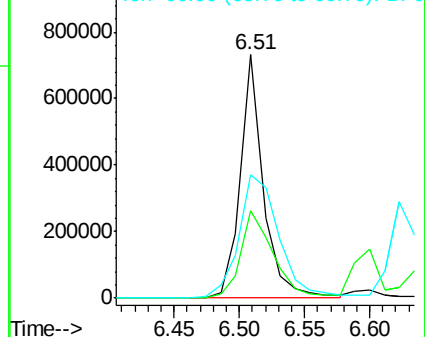
66 50.6 0.8 40.8#

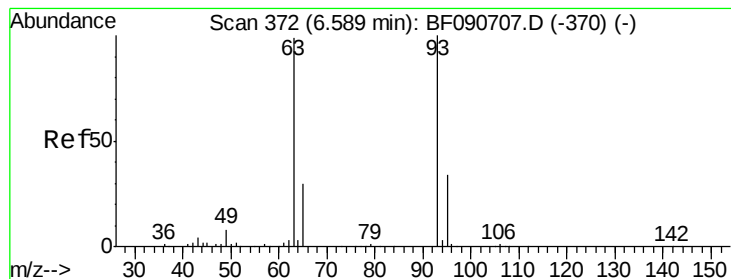


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.34 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

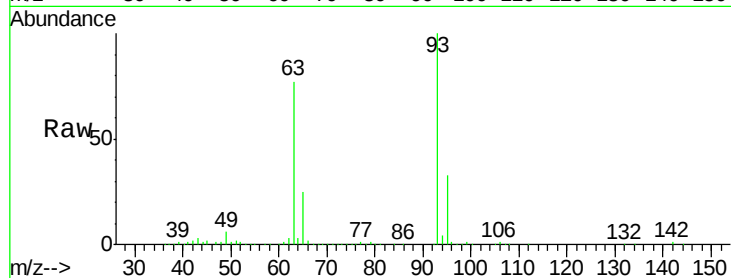
Tgt Ion: 93 Resp: 818543

Ion Ratio Lower Upper

93 100

63 77.3 65.6 105.6

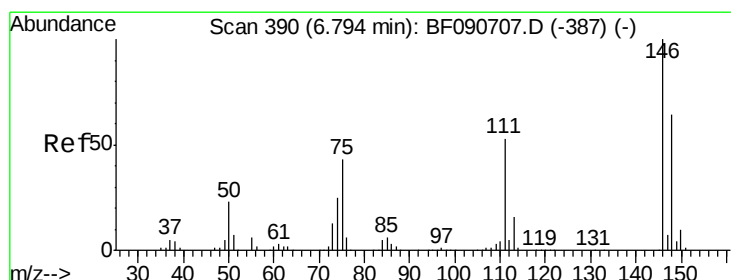
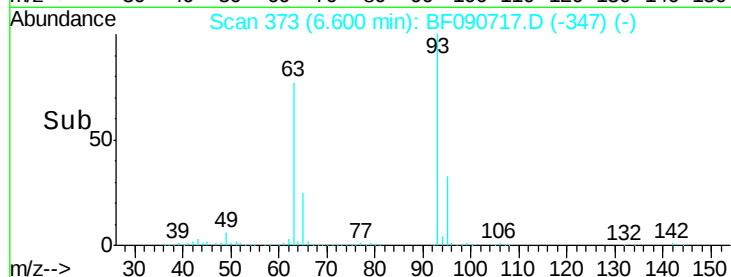
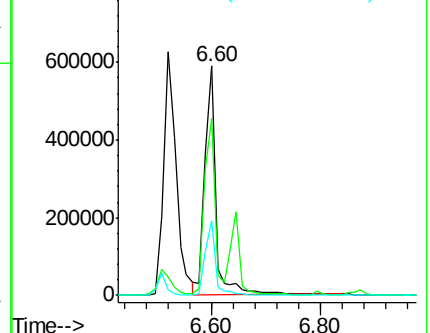
95 32.7 13.6 53.6



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: 38.53 ng

RT: 6.79 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

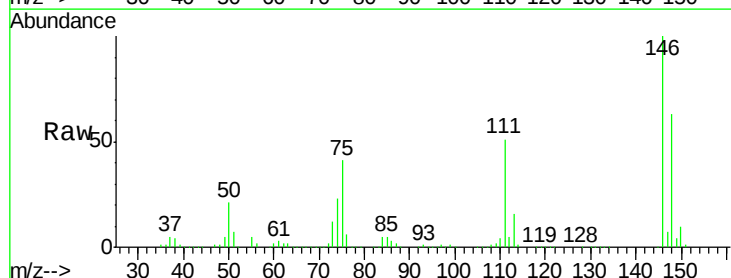
Tgt Ion: 146 Resp: 718994

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.4

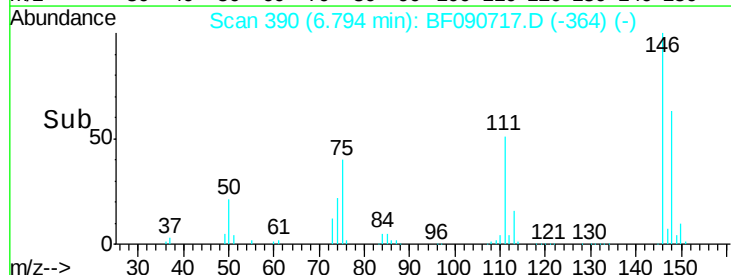
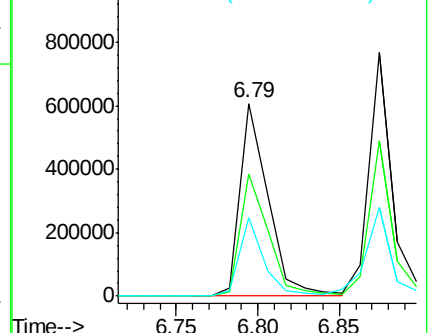
75 40.8 15.0 22.6#

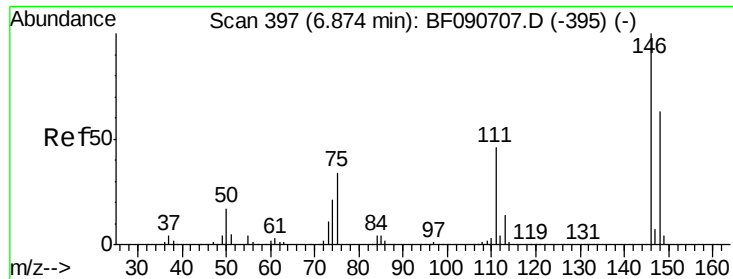


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

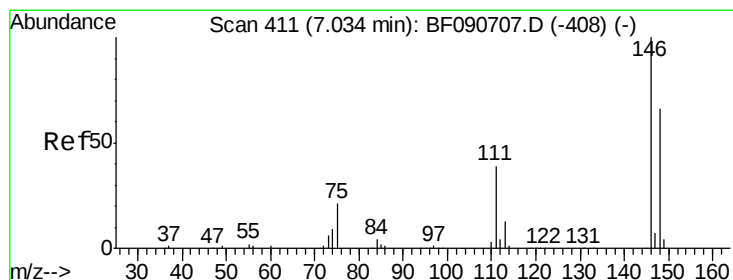
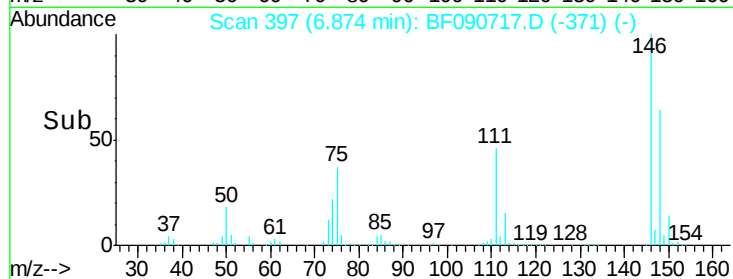
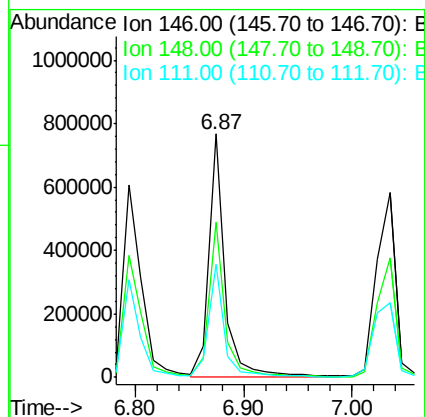
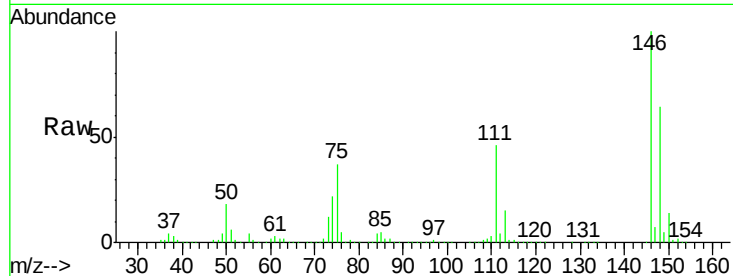




#13
 1,4-Dichlorobenzene
 Concen: 39.96 ng
 RT: 6.87 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

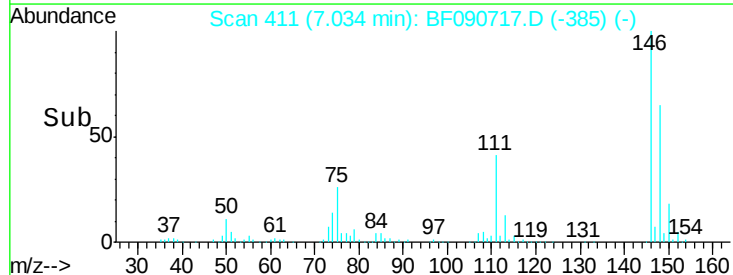
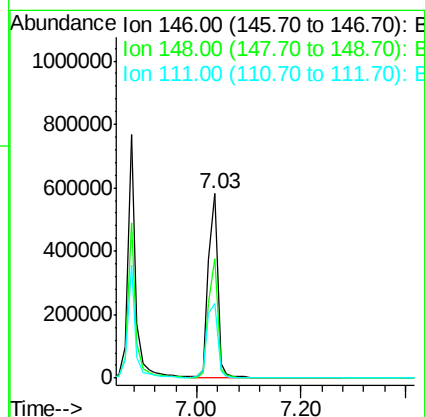
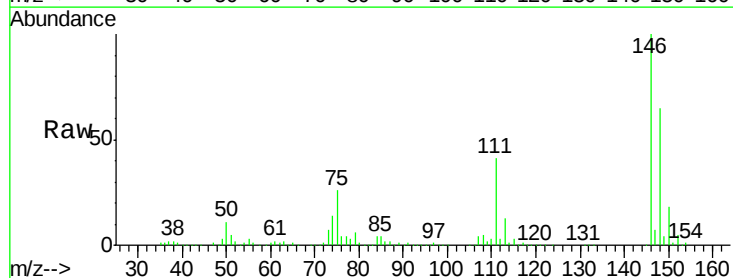
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

Tgt Ion:146 Resp: 791024
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 111 46.2 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 38.02 ng
 RT: 7.03 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion:146 Resp: 736841
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.7 79.1
 111 40.7 28.8 43.2





#15

Benzyl Alcohol

Concen: 40.69 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

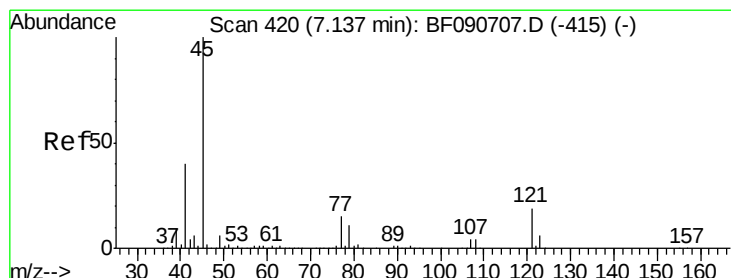
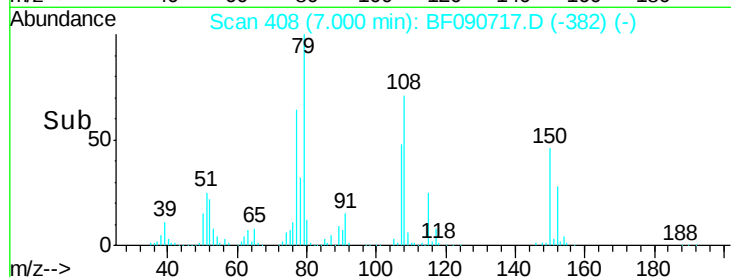
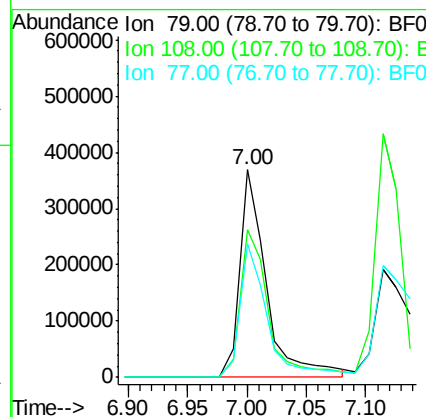
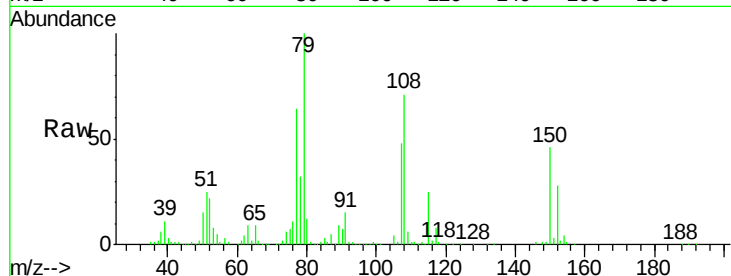
Tgt Ion: 79 Resp: 579394

Ion Ratio Lower Upper

79 100

108 71.1 88.6 132.8#

77 64.3 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.14 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

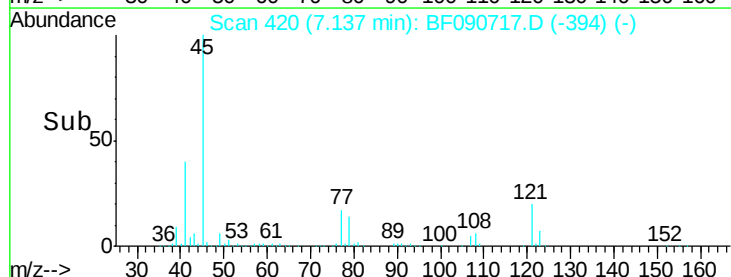
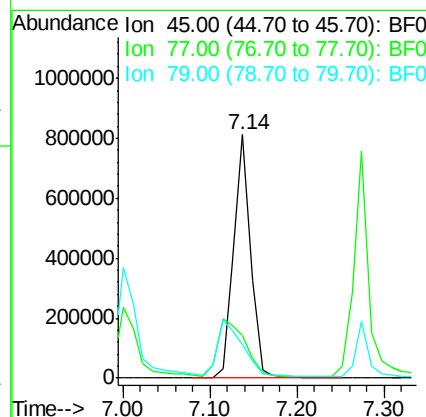
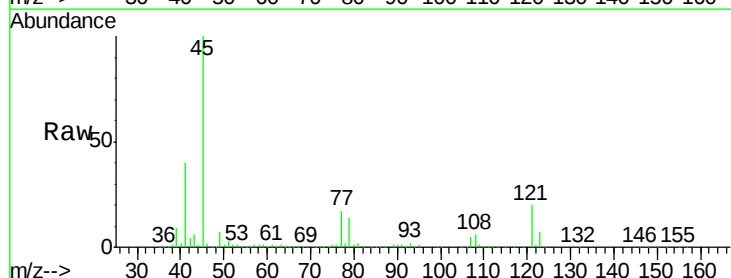
Tgt Ion: 45 Resp: 1101347

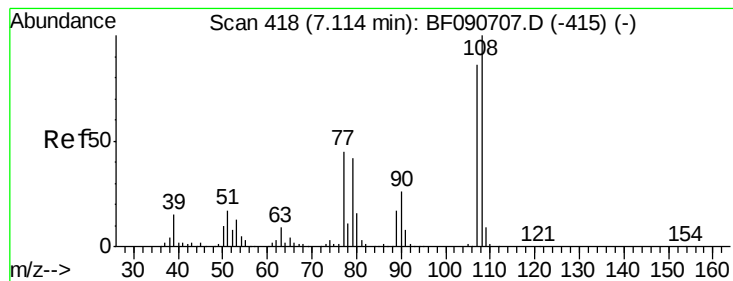
Ion Ratio Lower Upper

45 100

77 17.3 0.0 28.1

79 13.8 0.0 26.0

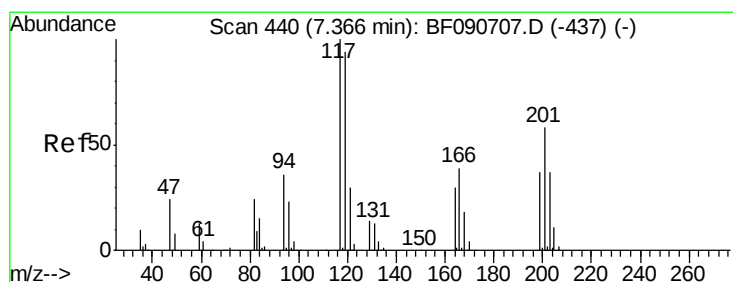
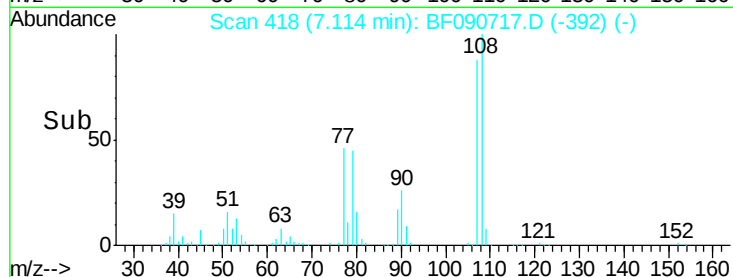
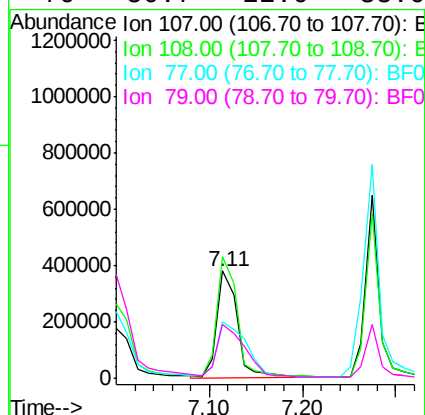
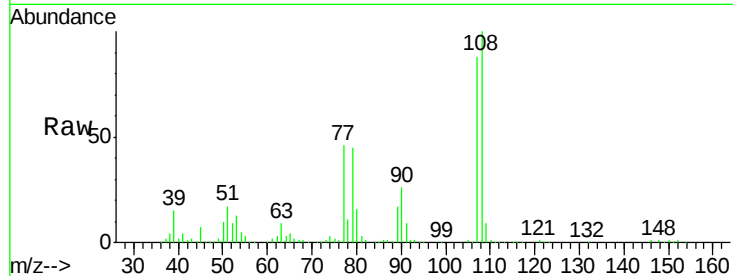




#17
2-Methylphenol
Concen: 41.38 ng
RT: 7.11 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

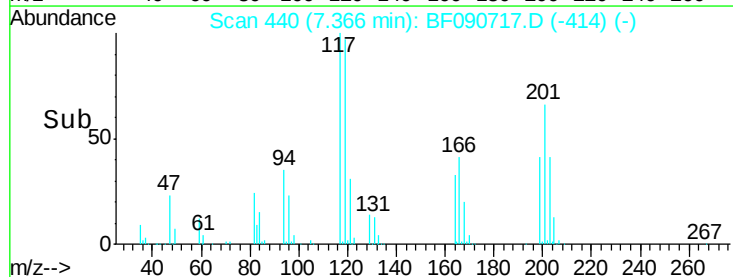
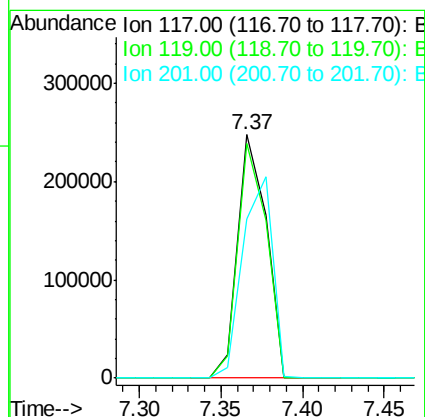
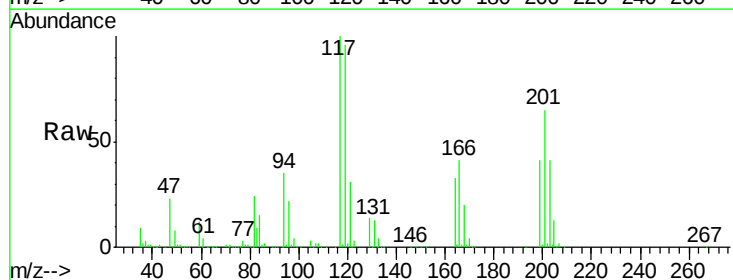
Instrument :
BNA_F
ClientSampleId :
ICVBF102116

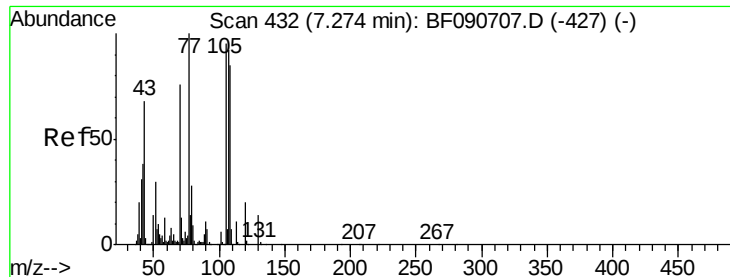
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.9	96.6	145.0
77	52.2	23.3	34.9#
79	50.7	22.0	33.0#



#18
Hexachloroethane
Concen: 37.49 ng
RT: 7.37 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	83.8	125.6
201	65.4	55.1	82.7

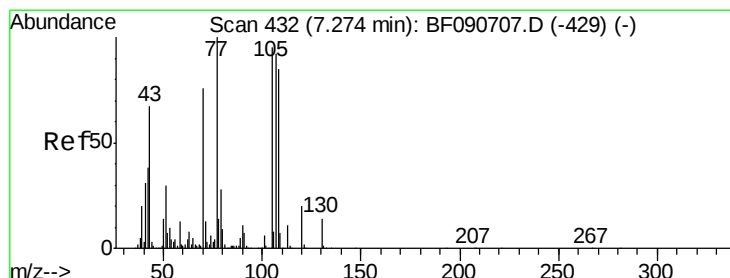
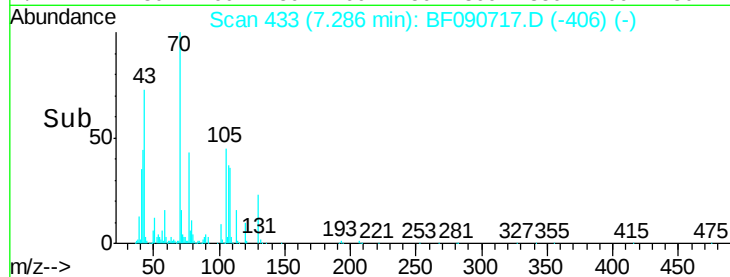
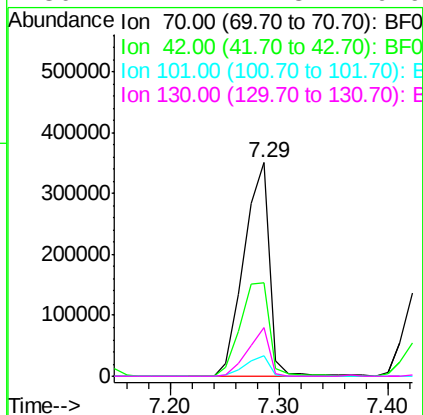
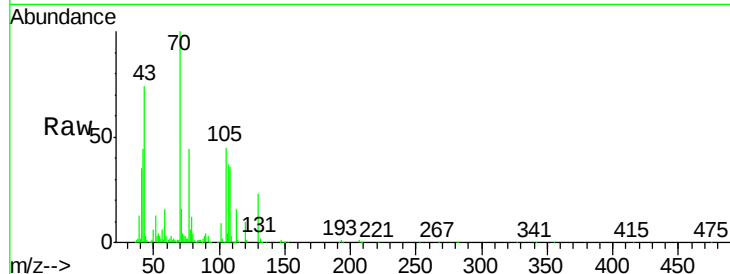




#19
 n-Nitroso-di-n-propylamine
 Concen: 36.47 ng
 RT: 7.29 min Scan# 433
 Delta R.T. 0.01 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

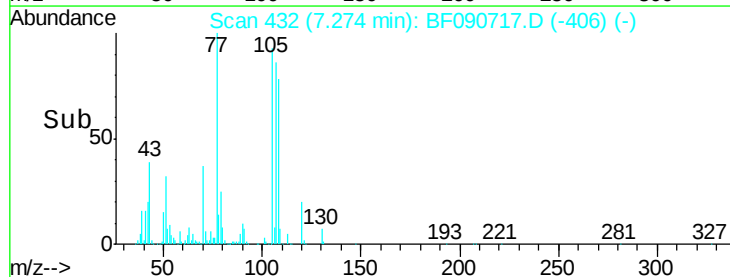
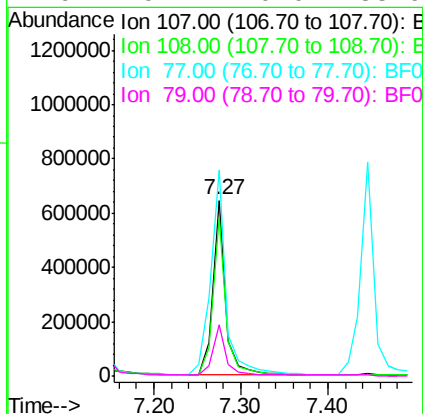
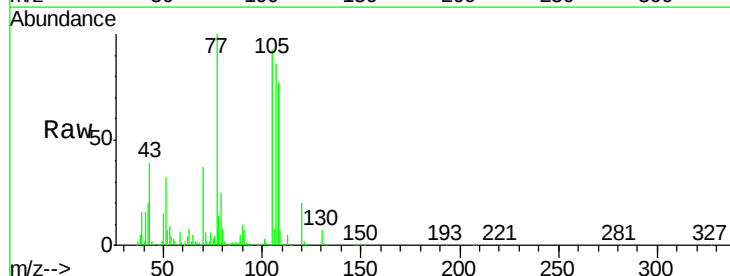
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

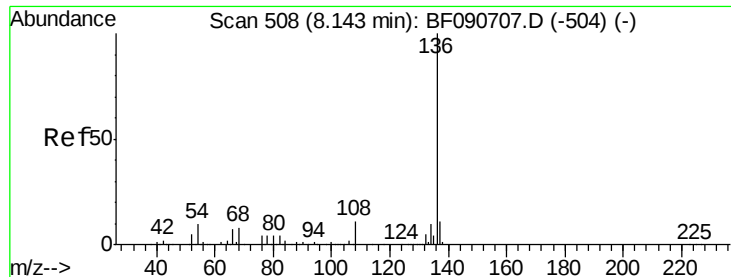
Tgt Ion: 70 Resp: 569305
 Ion Ratio Lower Upper
 70 100
 42 44.1 63.8 95.6#
 101 9.5 9.2 13.8
 130 22.7 27.3 40.9#



#20
 3+4-Methylphenols
 Concen: 40.29 ng
 RT: 7.27 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion: 107 Resp: 668587
 Ion Ratio Lower Upper
 107 100
 108 90.6 74.6 114.6
 77 116.9 0.7 40.7#
 79 29.1 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

Tgt Ion:136 Resp: 1039457

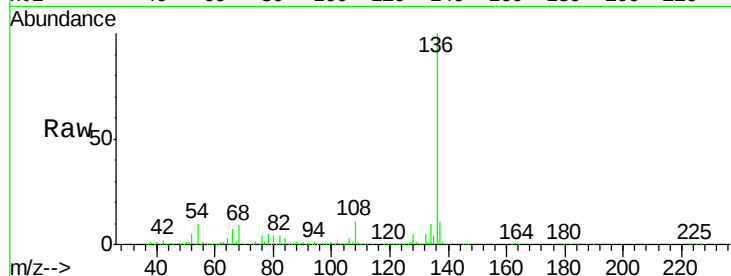
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 10.0 8.2 12.2

68 8.5 5.8 8.6

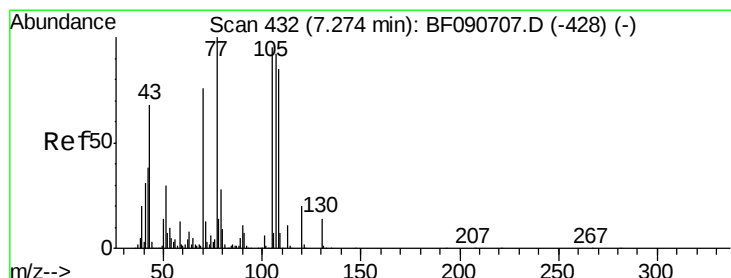
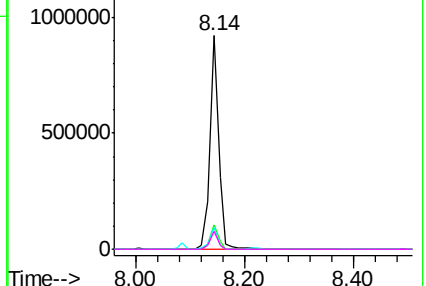
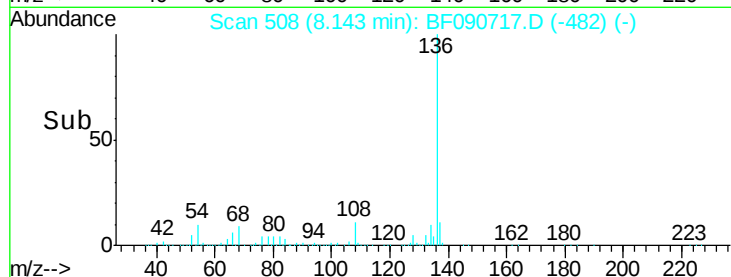


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.27 ng

RT: 7.27 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Tgt Ion:105 Resp: 932932

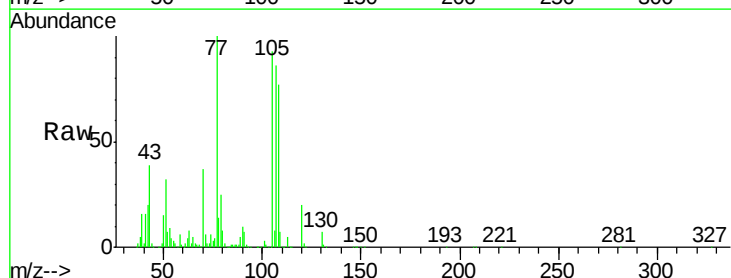
Ion Ratio Lower Upper

105 100

71 6.7 4.7 7.1

51 34.4 22.0 33.0#

120 21.5 30.1 45.1#

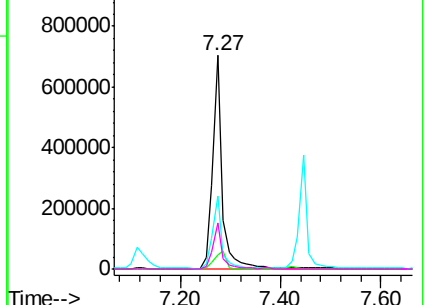
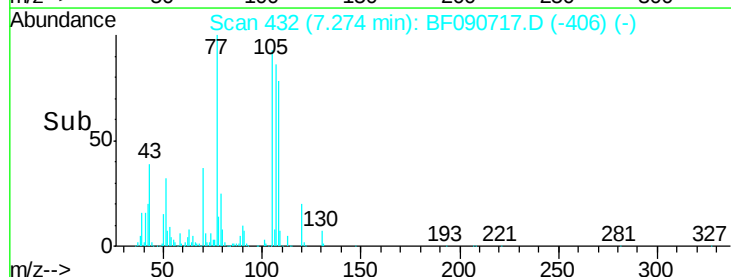


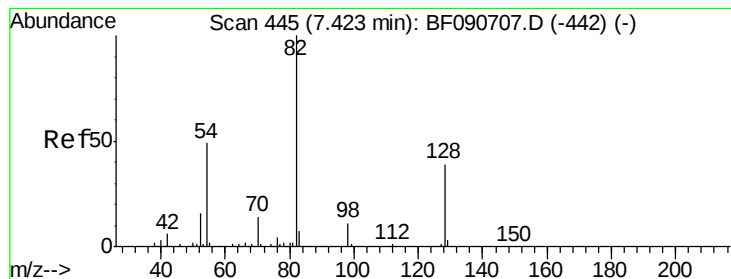
Abundance Ion 105.00 (104.70 to 105.70): E

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: 83.07 ng

RT: 7.42 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

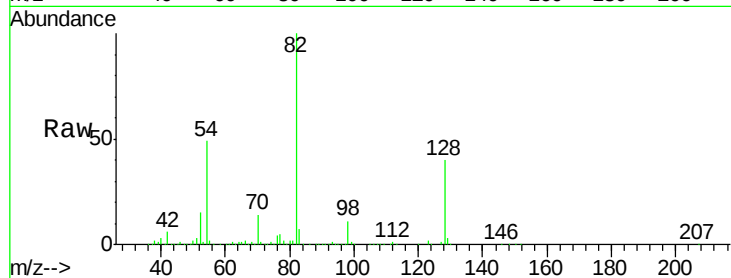
Tgt Ion: 82 Resp: 1574333

Ion Ratio Lower Upper

82 100

128 40.0 51.0 76.6#

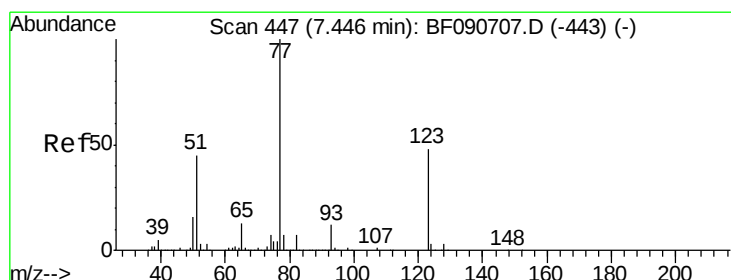
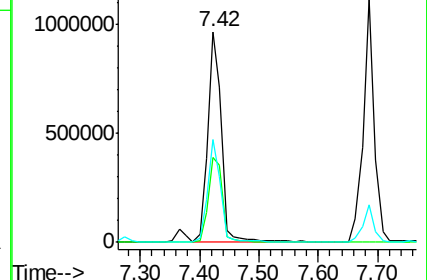
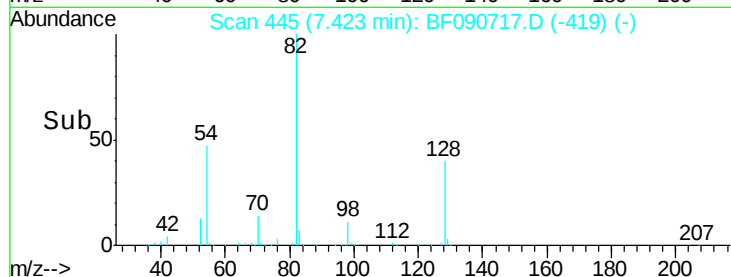
54 48.6 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.66 ng

RT: 7.45 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

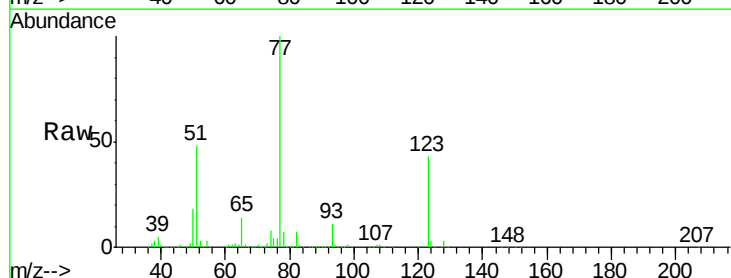
Tgt Ion: 77 Resp: 876493

Ion Ratio Lower Upper

77 100

123 42.8 59.8 89.8#

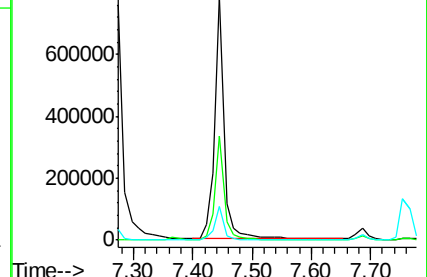
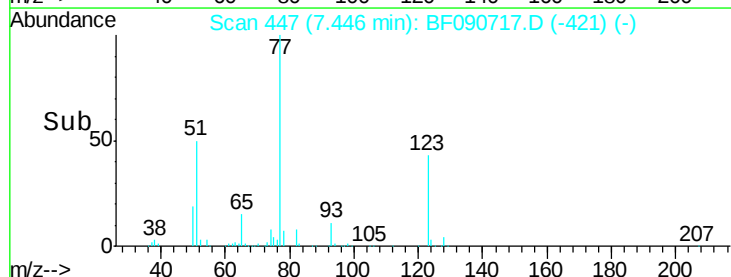
65 13.8 10.2 15.4

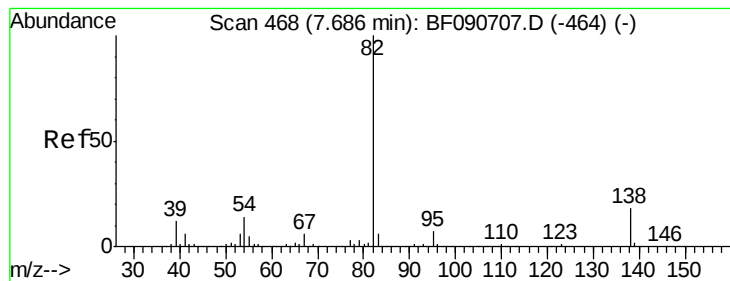


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.82 ng

RT: 7.69 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

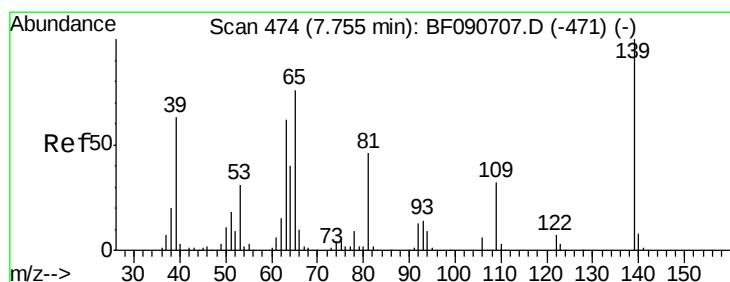
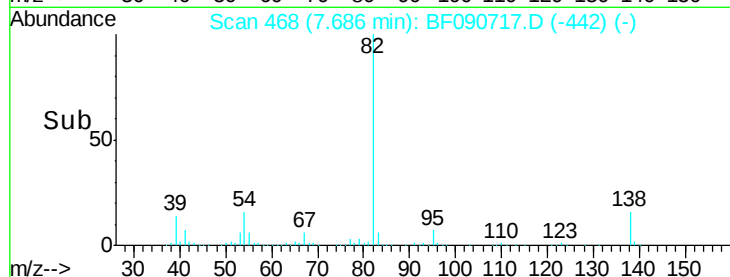
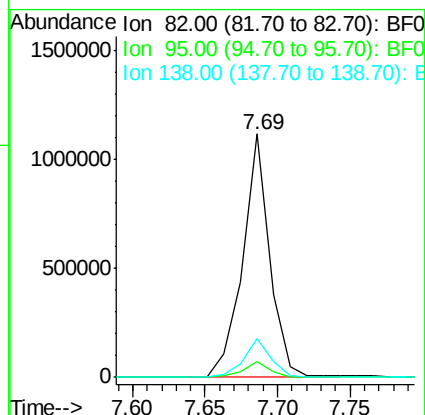
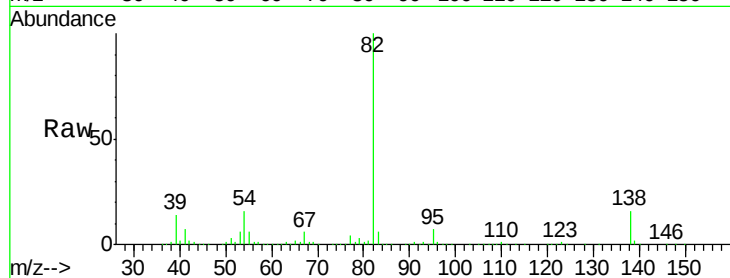
Tgt Ion: 82 Resp: 1428696

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

138 15.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 44.45 ng

RT: 7.77 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

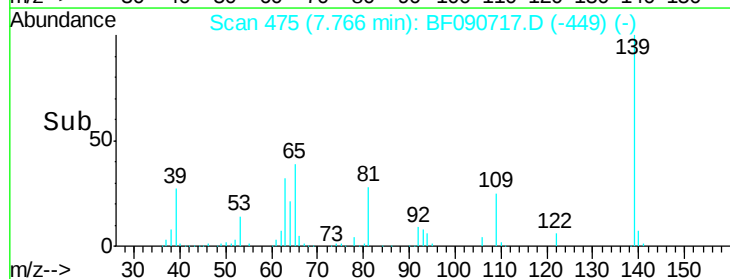
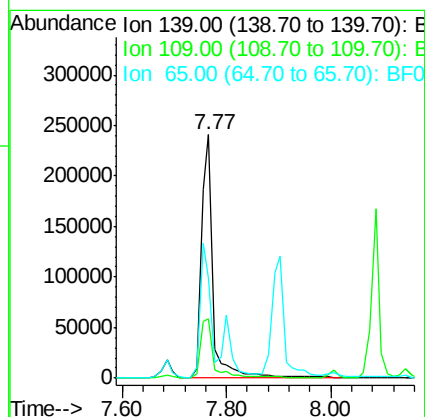
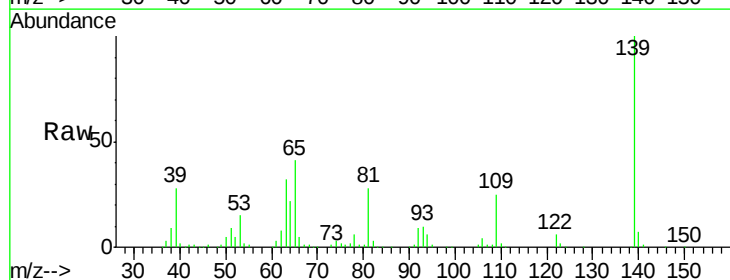
Tgt Ion: 139 Resp: 373107

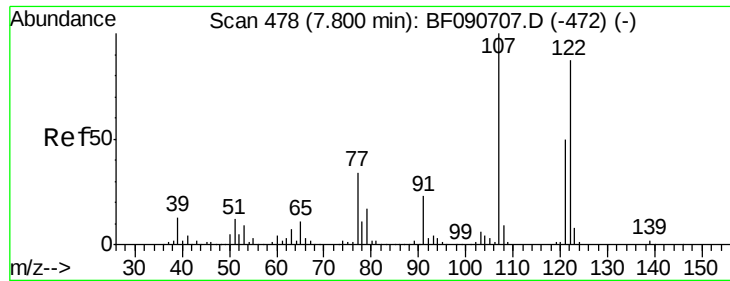
Ion Ratio Lower Upper

139 100

109 24.6 11.0 16.4#

65 41.3 24.7 37.1#

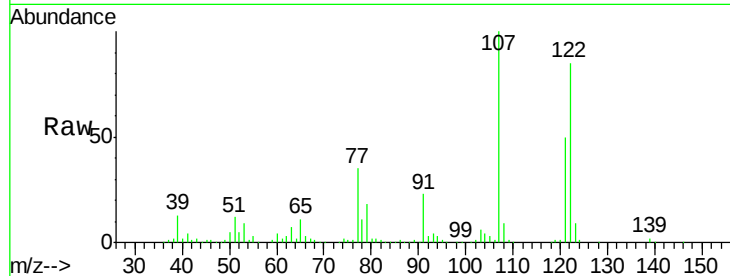




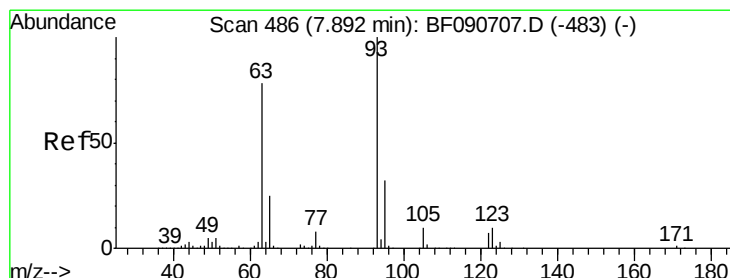
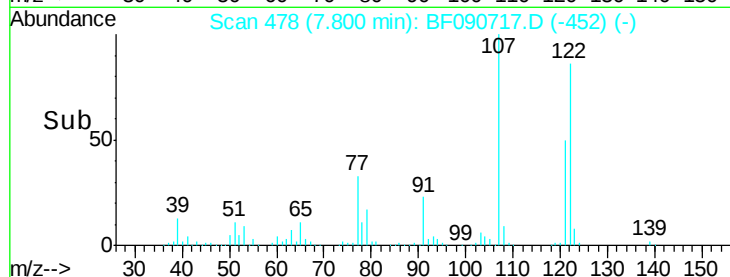
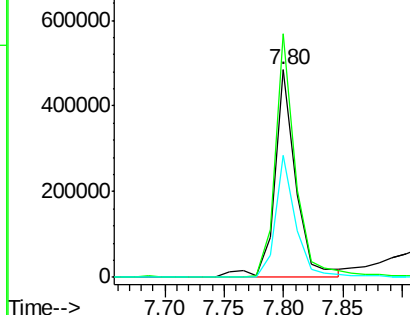
#27
 2,4-Dimethylphenol
 Concen: 40.24 ng
 RT: 7.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

Tgt Ion:122 Resp: 598899
 Ion Ratio Lower Upper
 122 100
 107 117.2 71.8 107.6#
 121 58.9 42.3 63.5

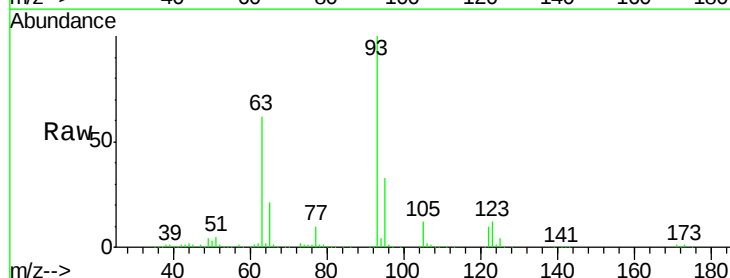


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

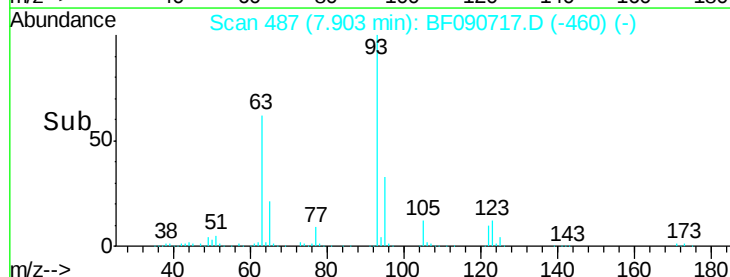
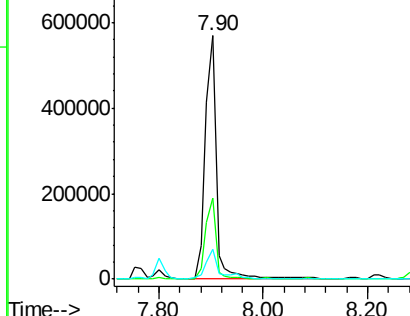


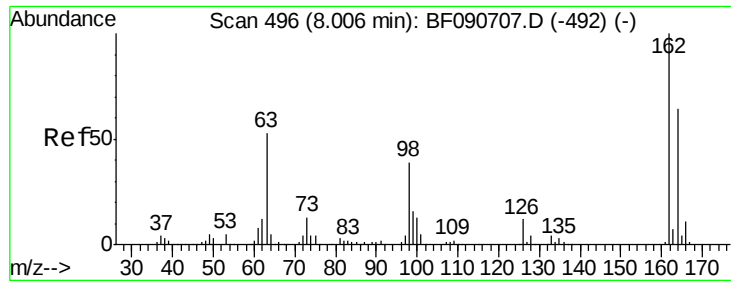
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.41 ng
 RT: 7.90 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion: 93 Resp: 832298
 Ion Ratio Lower Upper
 93 100
 95 33.2 27.5 41.3
 123 12.3 13.7 20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

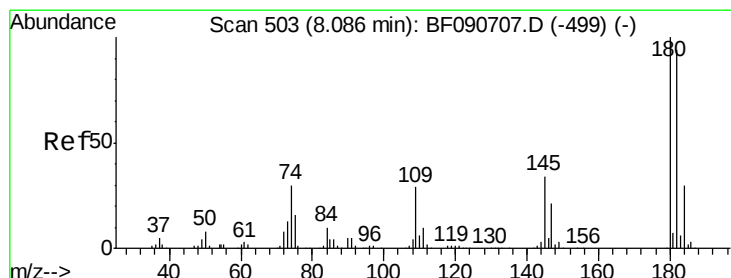
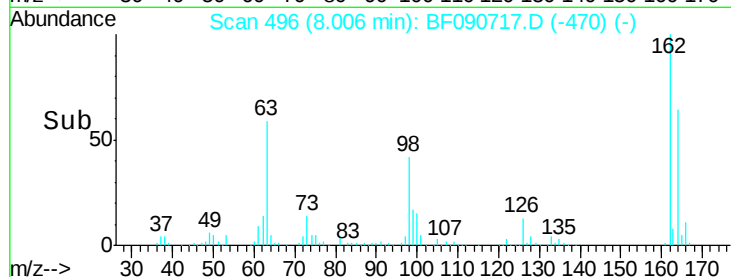
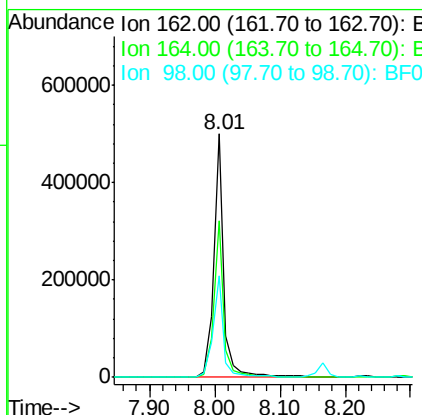
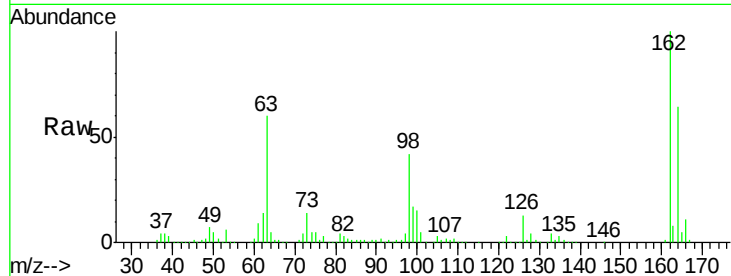




#29
 2,4-Dichlorophenol
 Concen: 44.82 ng
 RT: 8.01 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

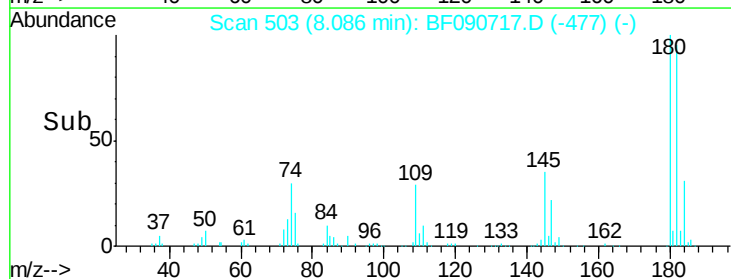
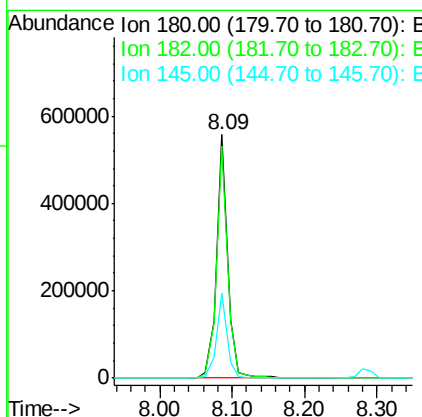
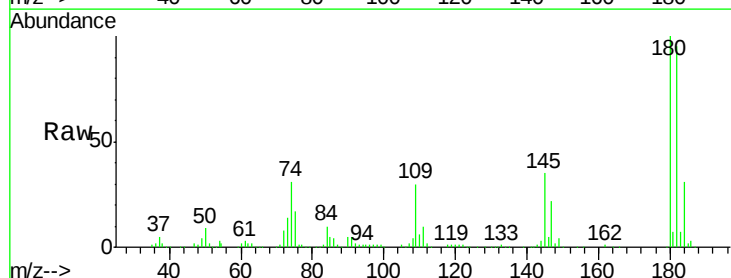
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

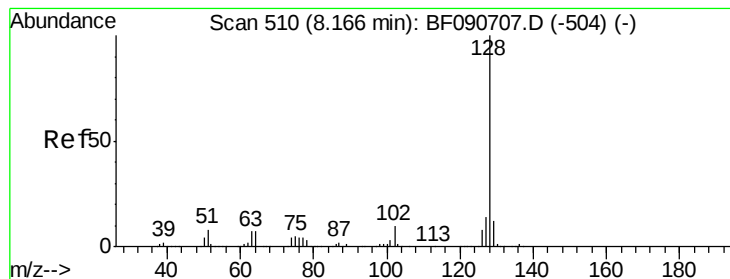
Tgt Ion:162 Resp: 547403
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.9 84.9
 98 41.8 13.0 53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.42 ng
 RT: 8.09 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion:180 Resp: 595431
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.1 115.7
 145 35.0 23.3 34.9#





#31

Naphthalene

Concen: 38.46 ng

RT: 8.17 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

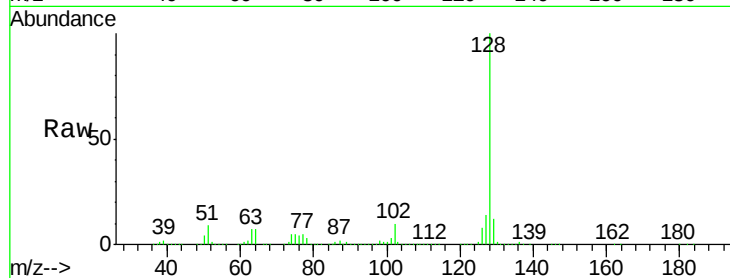
Tgt Ion:128 Resp: 1955480

Ion Ratio Lower Upper

128 100

129 11.9 8.4 12.6

127 14.0 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

2500000

2000000

1500000

1000000

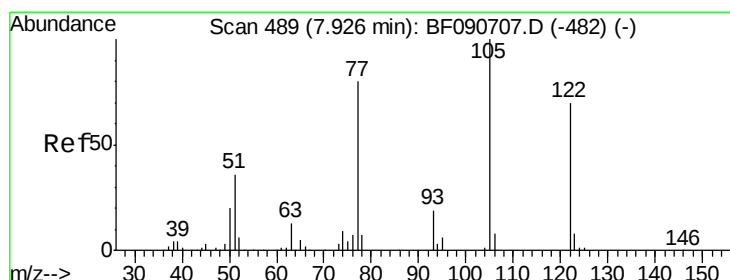
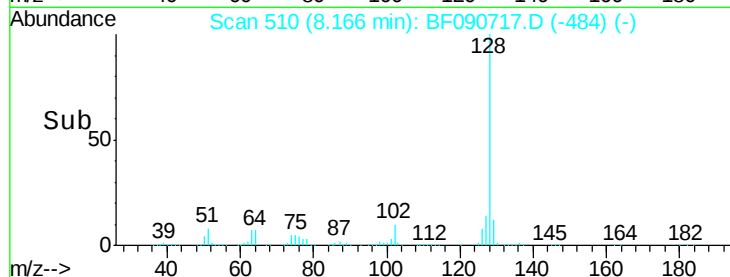
500000

0

8.17

8.05 8.10 8.15 8.20

Time-->



#32

Benzoic acid

Concen: 41.29 ng

RT: 7.95 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

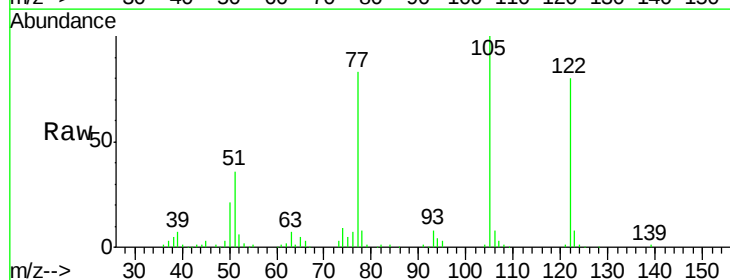
Tgt Ion:122 Resp: 420025

Ion Ratio Lower Upper

122 100

105 125.0 76.1 116.1#

77 103.8 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

600000

500000

400000

300000

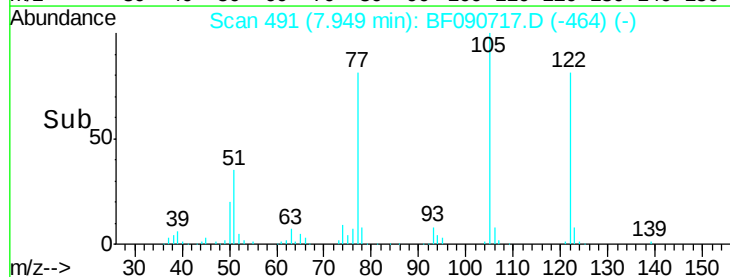
200000

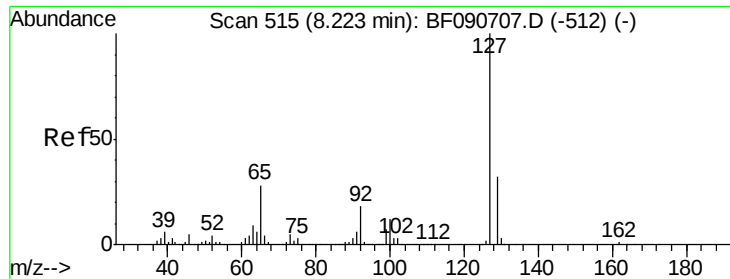
100000

0

7.80 7.90 8.00 8.10

Time-->

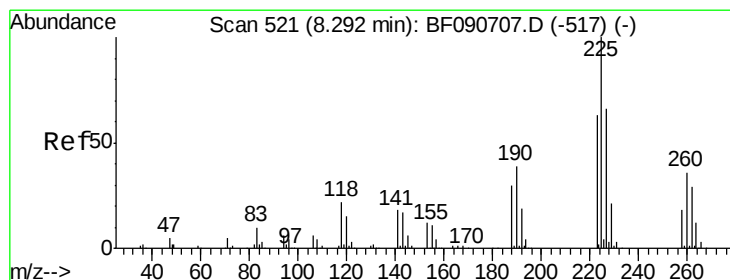
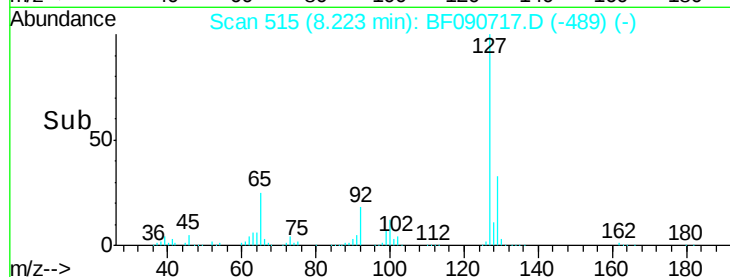
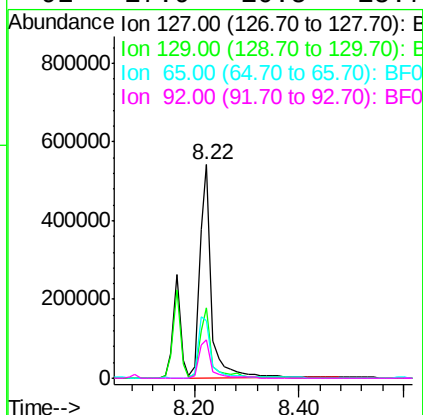
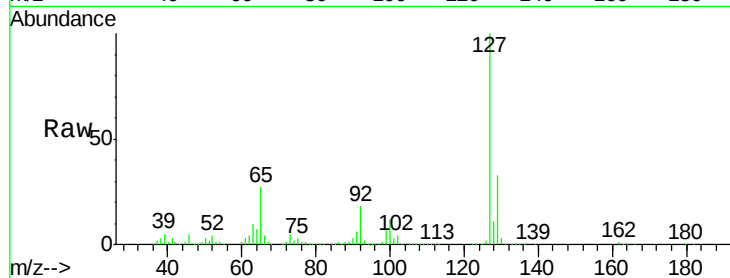




#33
 4-Chloroaniline
 Concen: 44.22 ng
 RT: 8.22 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

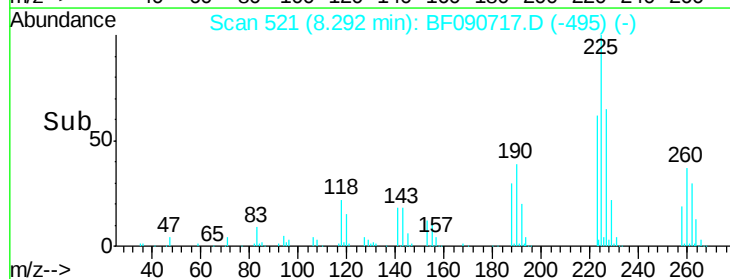
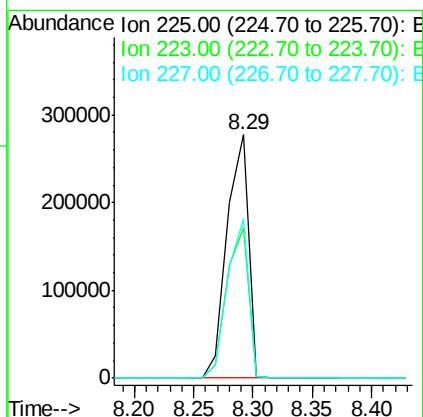
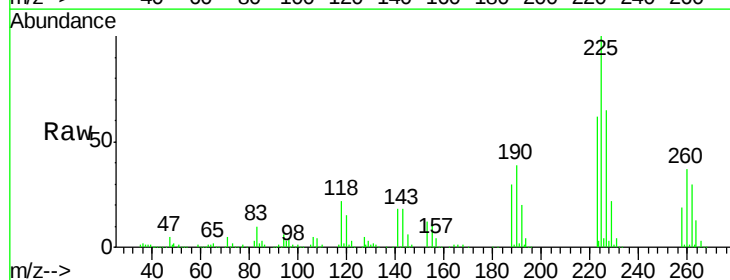
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

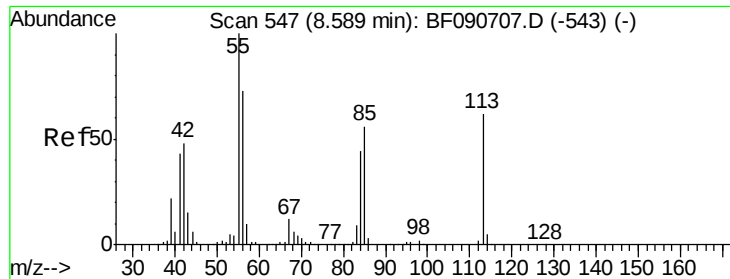
Tgt Ion:	127	Resp:	833890
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.6
65	26.9	17.9	26.9
92	17.9	10.5	15.7#



#34
 Hexachlorobutadiene
 Concen: 43.03 ng
 RT: 8.29 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion:	225	Resp:	347765
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.2	75.2
227	65.5	52.2	78.2

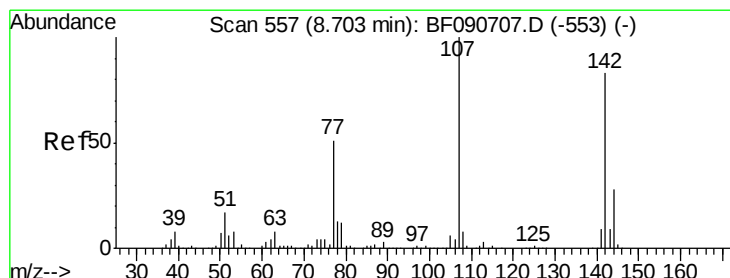
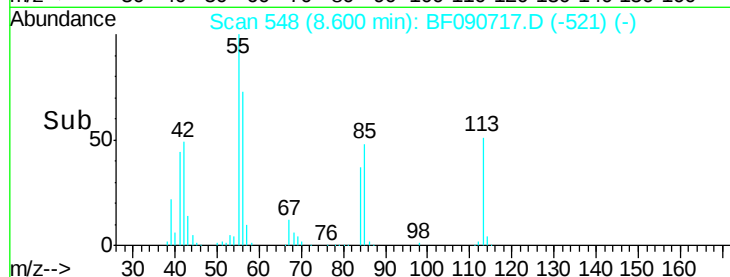
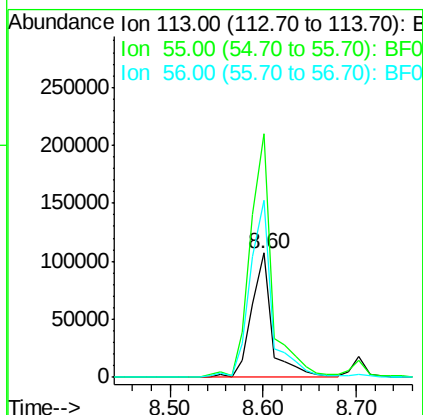
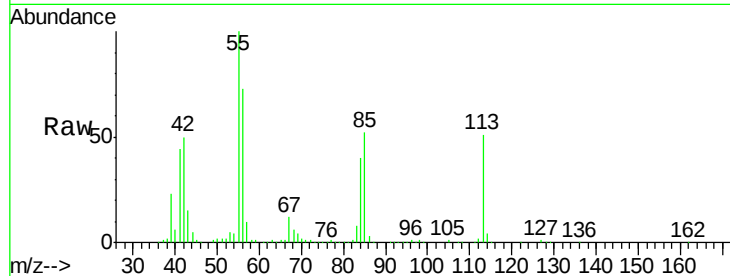




#35
 Caprolactam
 Concen: 46.82 ng
 RT: 8.60 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

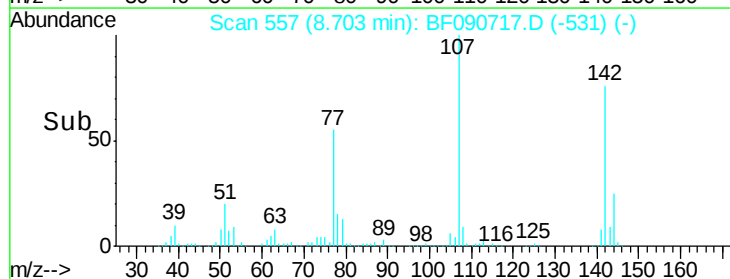
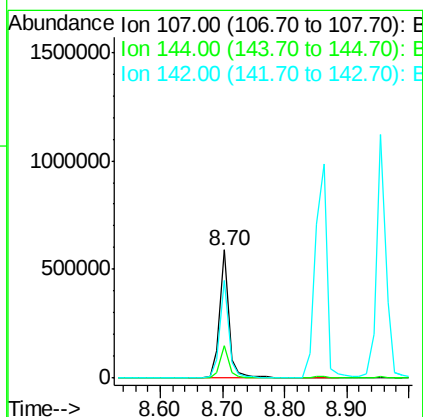
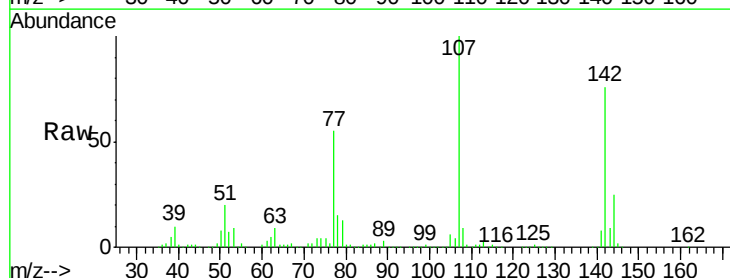
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

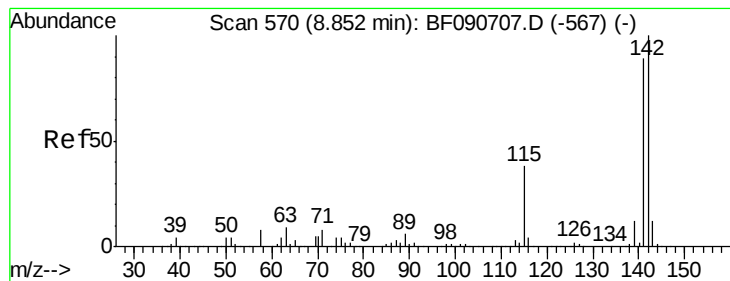
Tgt Ion:113 Resp: 163334
 Ion Ratio Lower Upper
 113 100
 55 196.0 152.4 192.4#
 56 143.0 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.10 ng
 RT: 8.70 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion:107 Resp: 612290
 Ion Ratio Lower Upper
 107 100
 144 25.0 25.4 38.0#
 142 76.4 77.3 115.9#





#37

2-Methylnaphthalene

Concen: 43.55 ng

RT: 8.86 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

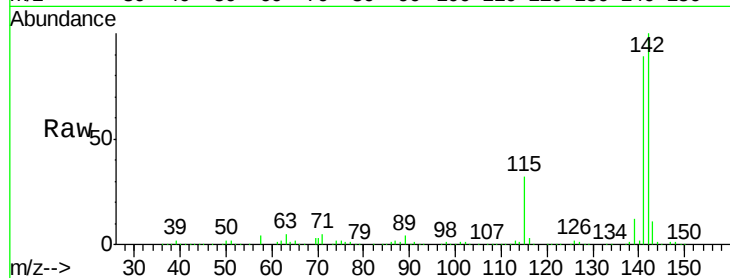
Tgt Ion:142 Resp: 1294214

Ion Ratio Lower Upper

142 100

141 89.1 67.5 101.3

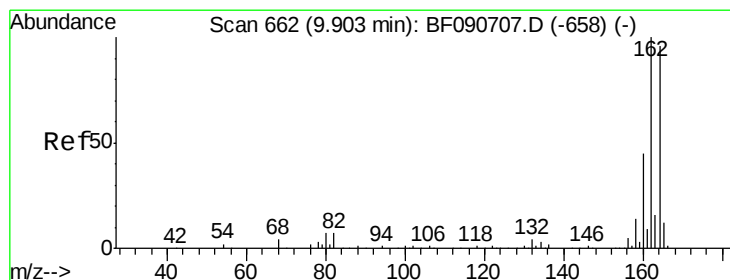
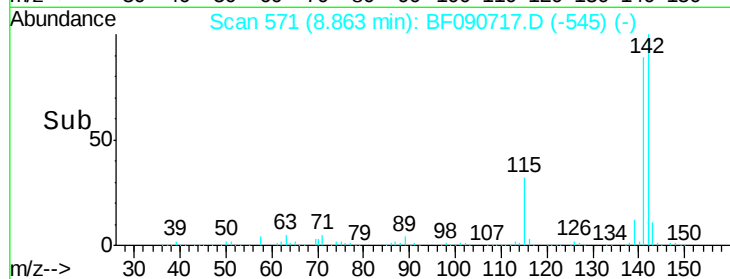
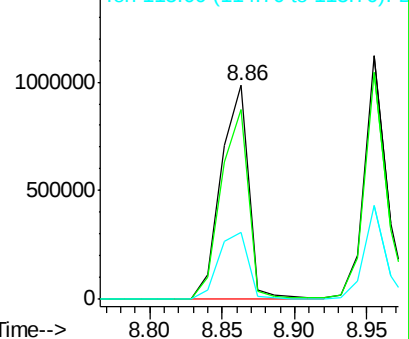
115 31.5 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

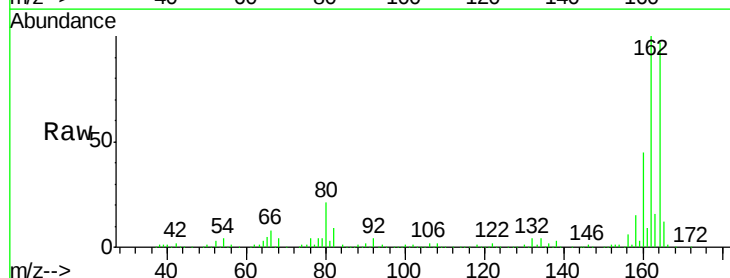
Tgt Ion:164 Resp: 549055

Ion Ratio Lower Upper

164 100

162 103.3 75.2 112.8

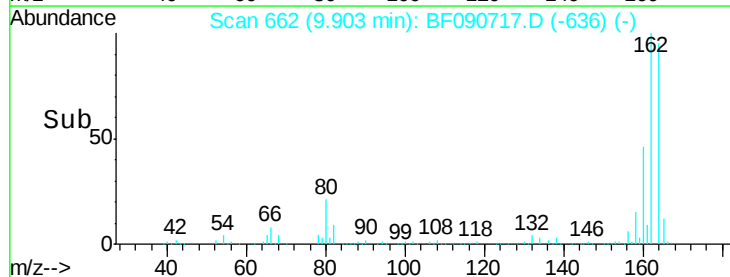
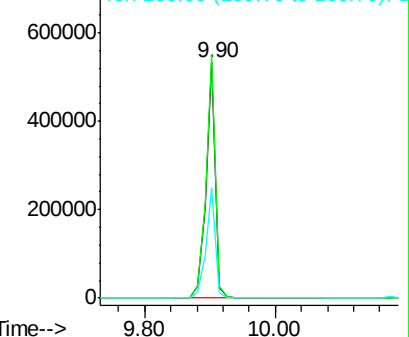
160 46.9 31.5 47.3

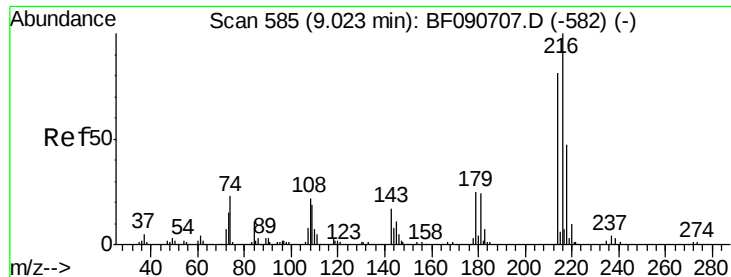


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.31 ng

RT: 9.02 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

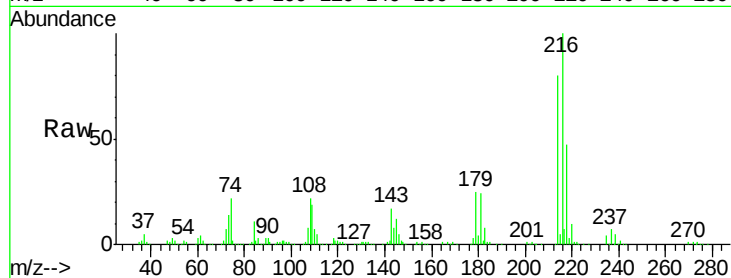
BNA_F

ClientSampleId :

ICVBF102116

Tgt Ion:216 Resp: 567993

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.5	95.3
179	23.8	16.6	24.8
108	22.7	16.3	24.5

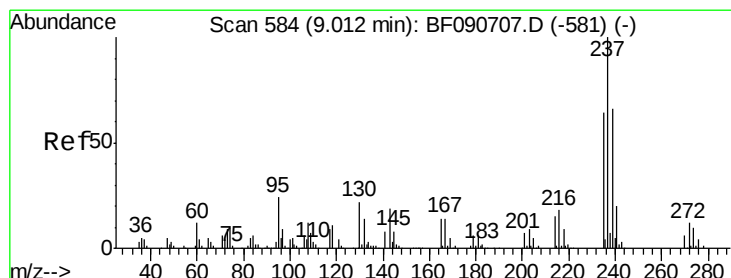
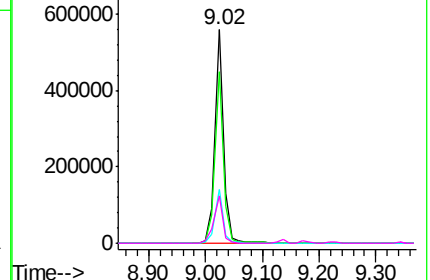
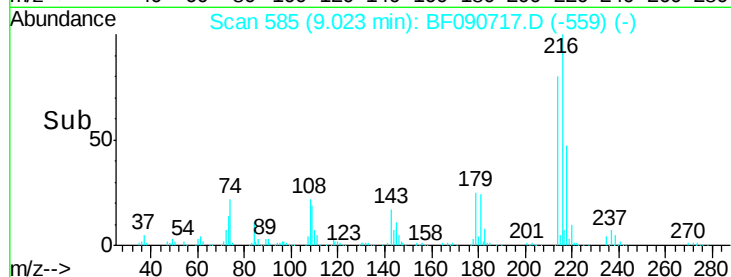


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.50 ng

RT: 9.01 min Scan# 584

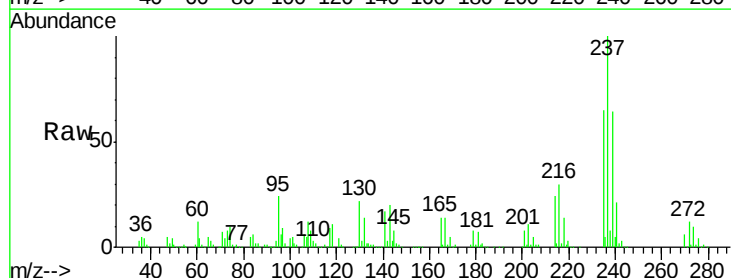
Delta R.T. 0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Tgt Ion:237 Resp: 274897

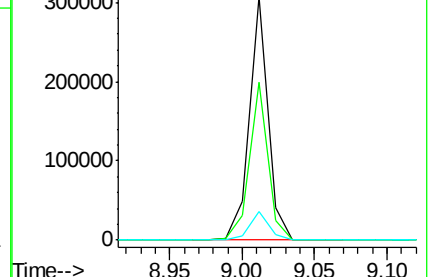
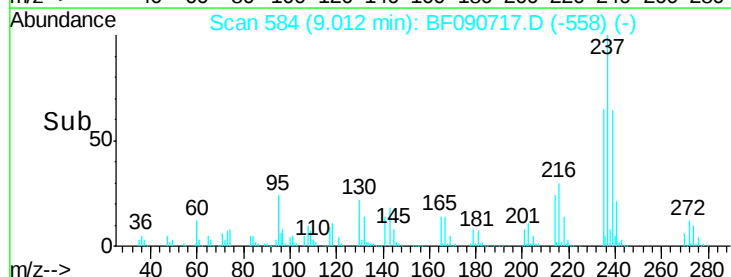
Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.0	82.0
272	12.0	0.0	36.1

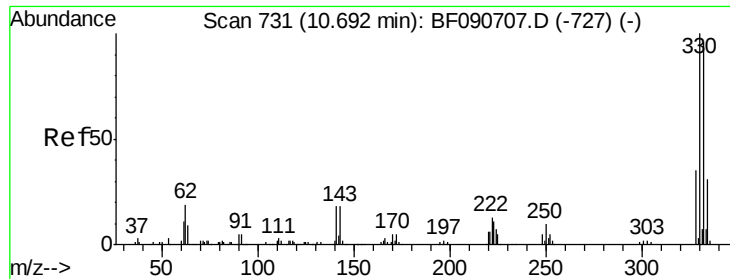


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

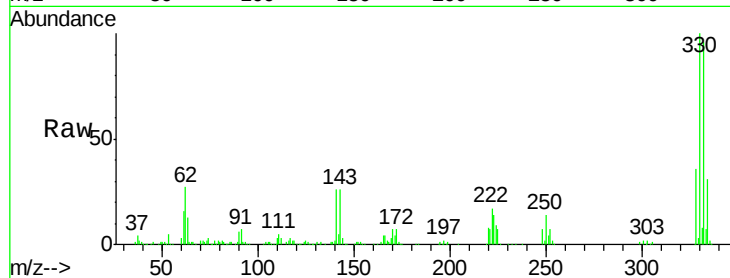




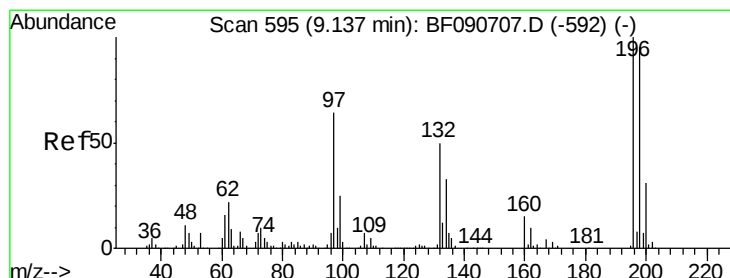
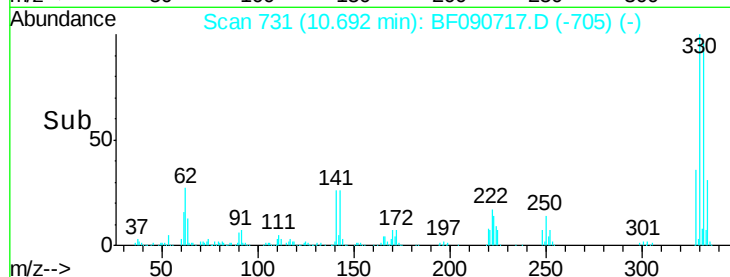
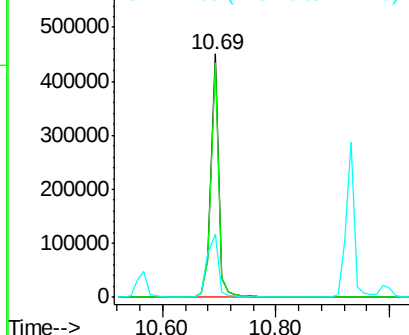
#41
 2,4,6-Tribromophenol
 Concen: 94.54 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

Tgt Ion:330 Resp: 410833
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 36.5 29.7 44.5

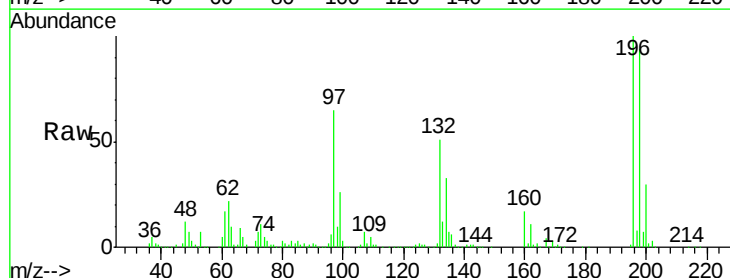


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

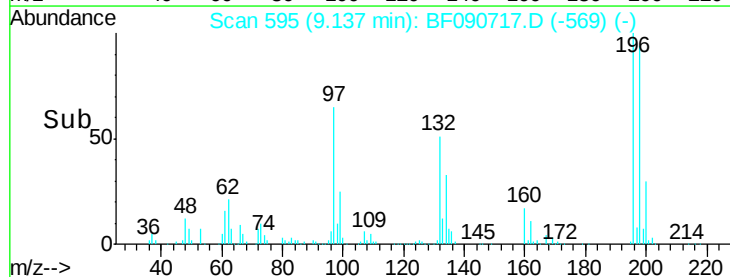
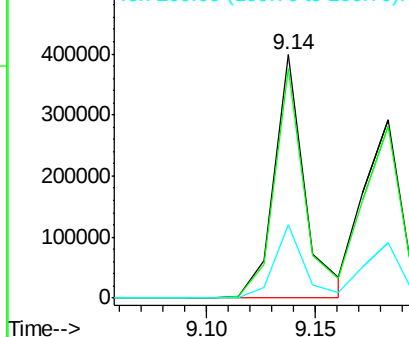


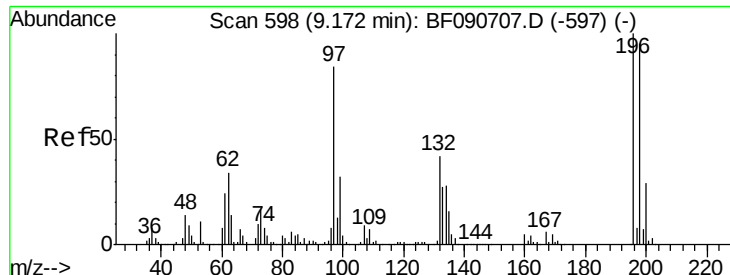
#42
 2,4,6-Trichlorophenol
 Concen: 42.40 ng
 RT: 9.14 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion:196 Resp: 389864
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 30.2 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

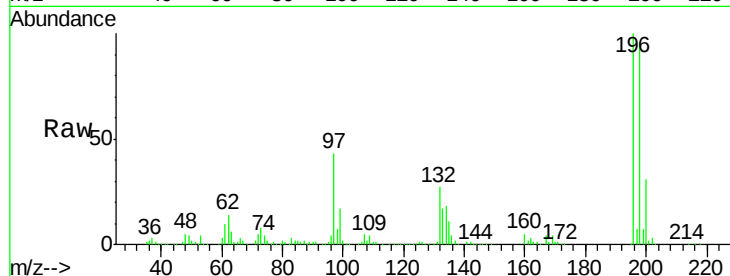




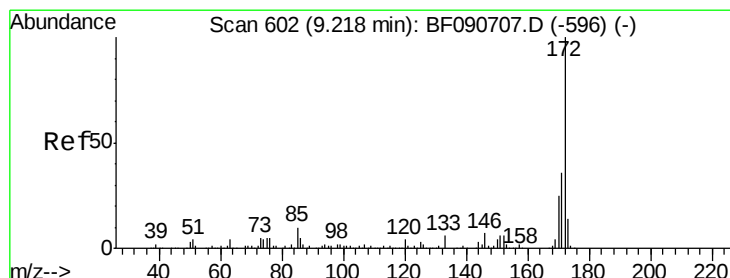
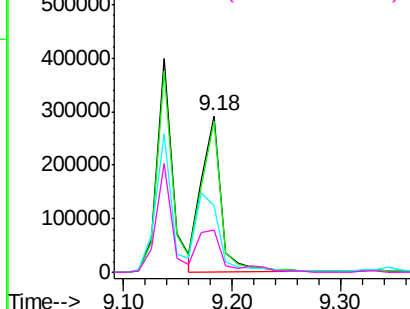
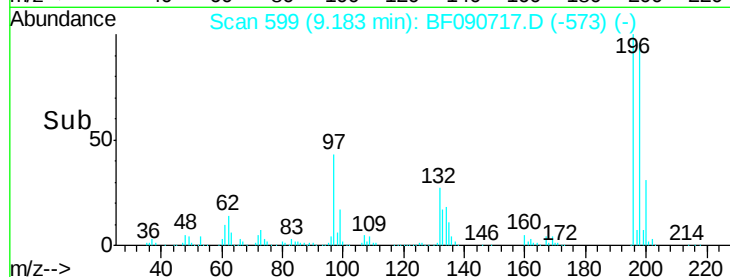
#43
 2,4,5-Trichlorophenol
 Concen: 39.54 ng
 RT: 9.18 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

Tgt Ion:196 Resp: 368904
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.4 113.0
 97 42.9 33.3 49.9
 132 27.1 24.6 37.0

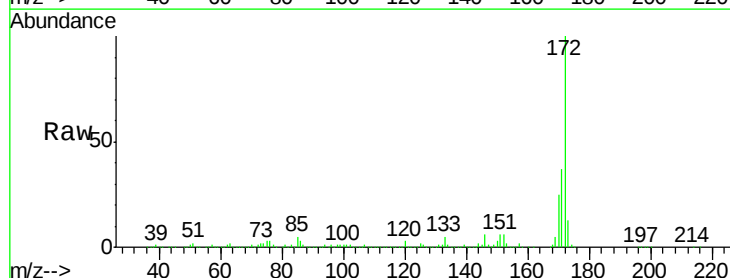


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

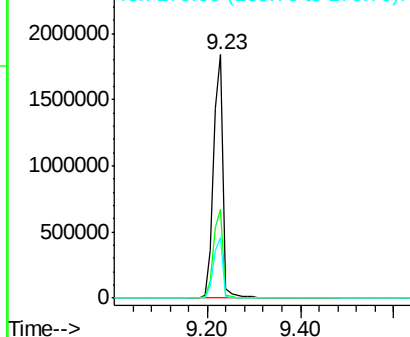
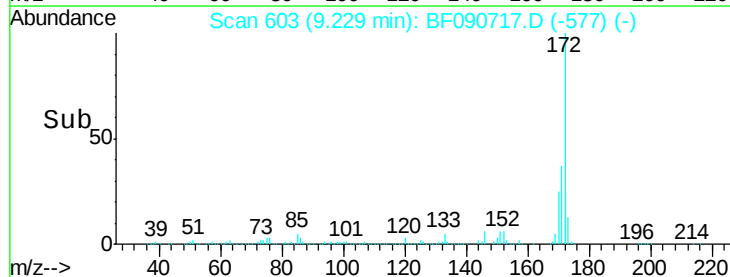


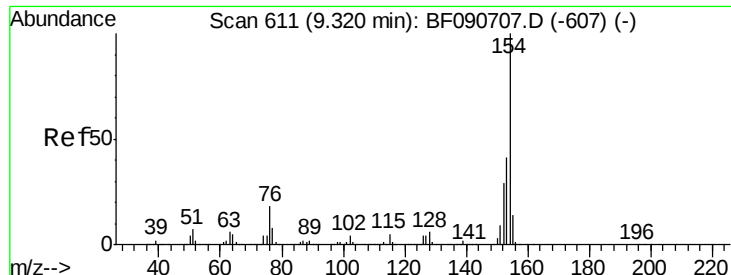
#44
 2-Fluorobiphenyl
 Concen: 74.86 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion:172 Resp: 2647647
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 25.1 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

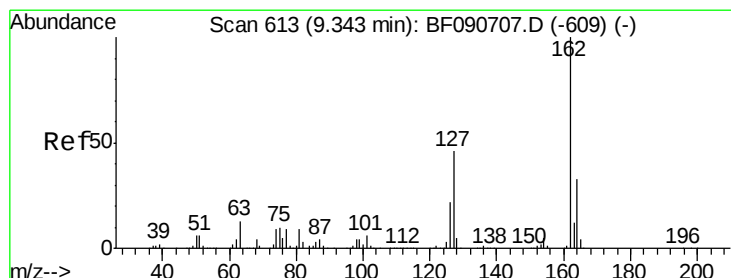
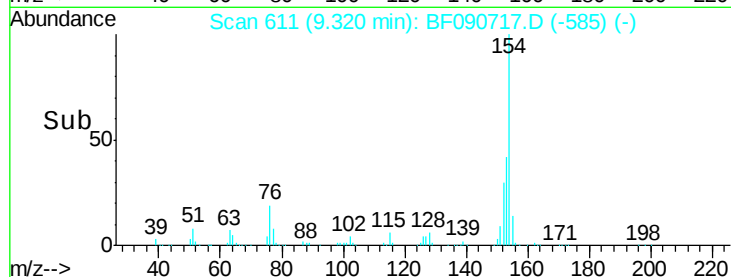
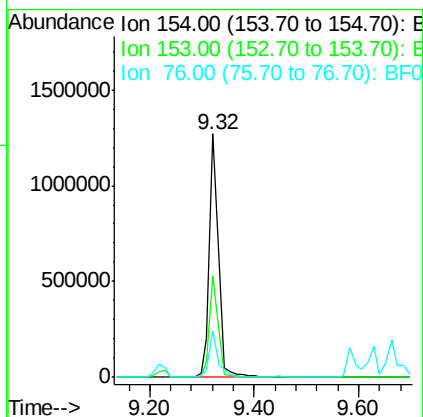
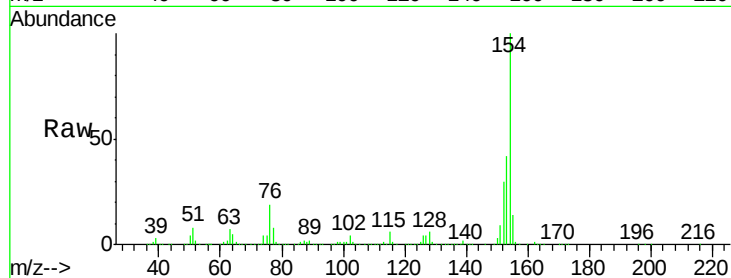




#45
 1,1'-Biphenyl
 Concen: 35.64 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

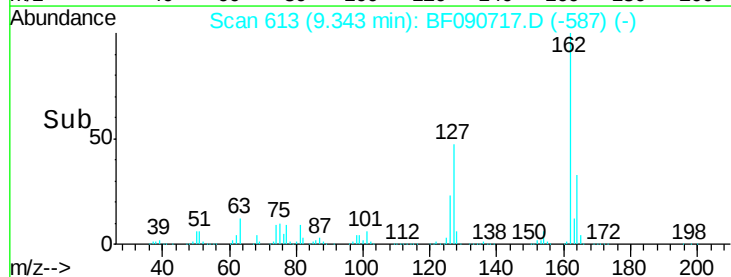
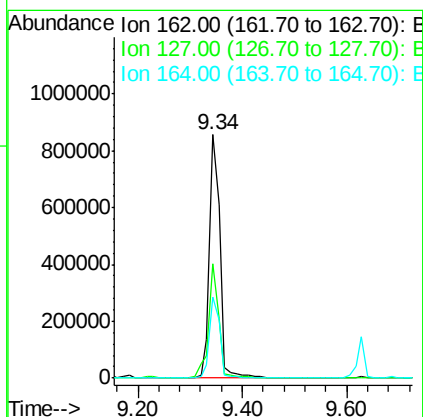
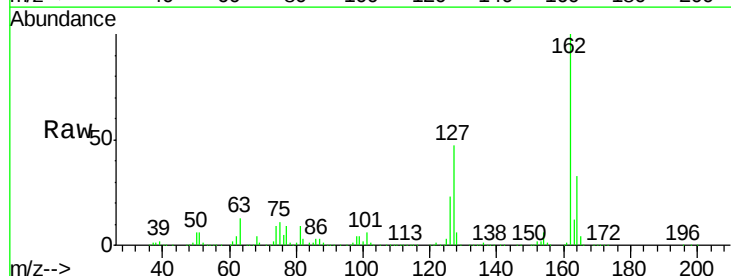
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

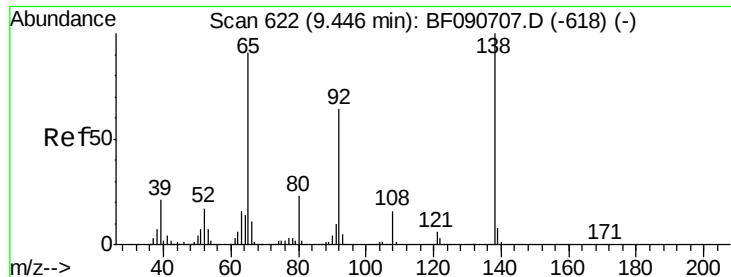
Tgt Ion:154 Resp: 1536609
 Ion Ratio Lower Upper
 154 100
 153 41.5 17.1 57.1
 76 18.9 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 37.31 ng
 RT: 9.34 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion:162 Resp: 1195576
 Ion Ratio Lower Upper
 162 100
 127 46.8 27.6 41.4#
 164 33.5 25.4 38.2

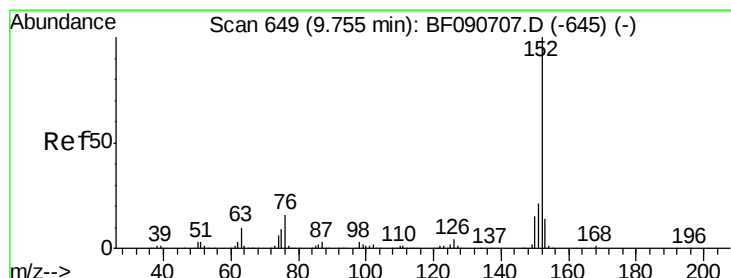
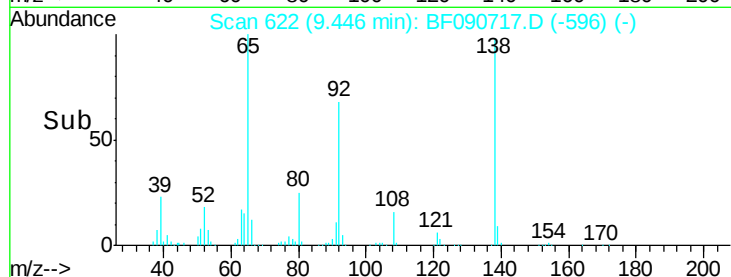
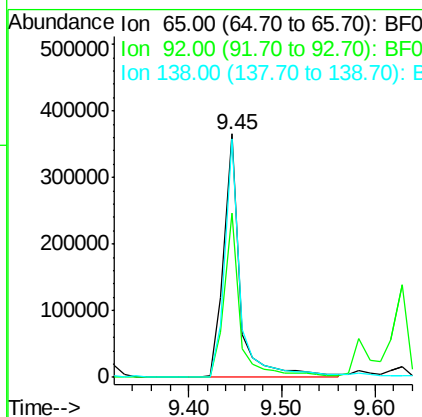
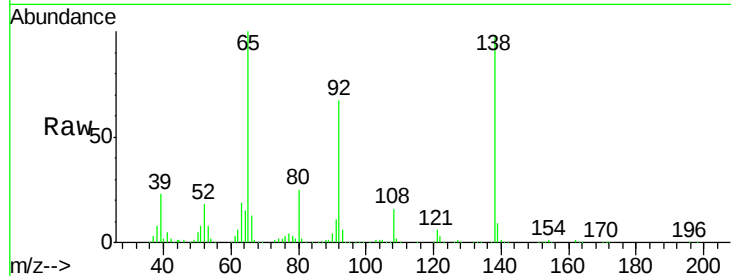




#47
2-Nitroaniline
Concen: 42.20 ng
RT: 9.45 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

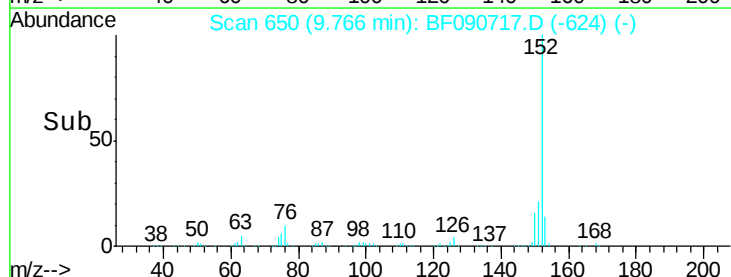
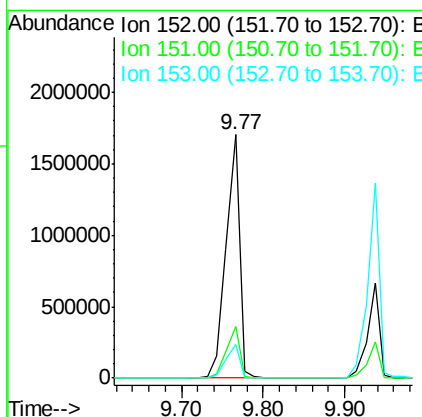
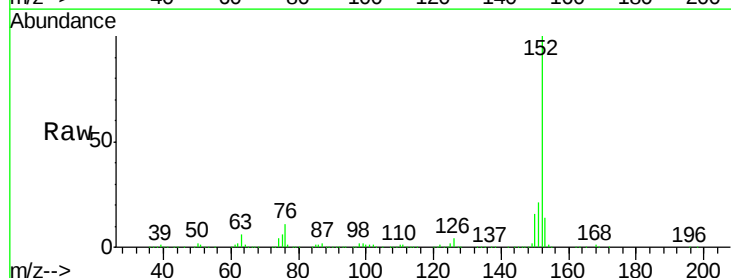
Instrument :
BNA_F
ClientSampleId :
ICVBF102116

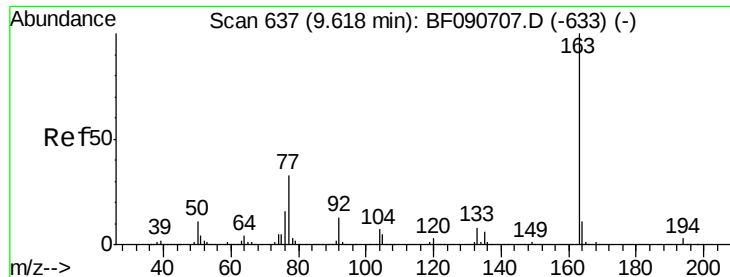
Tgt Ion: 65 Resp: 448921
Ion Ratio Lower Upper
65 100
92 67.4 55.4 83.0
138 98.0 115.5 173.3#



#48
Acenaphthylene
Concen: 39.94 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

Tgt Ion: 152 Resp: 1953112
Ion Ratio Lower Upper
152 100
151 21.1 14.6 22.0
153 13.7 10.3 15.5





#49

Dimethylphthalate

Concen: 39.46 ng

RT: 9.63 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

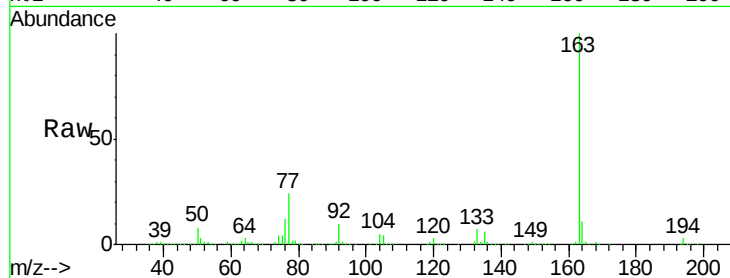
Tgt Ion:163 Resp: 1361571

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

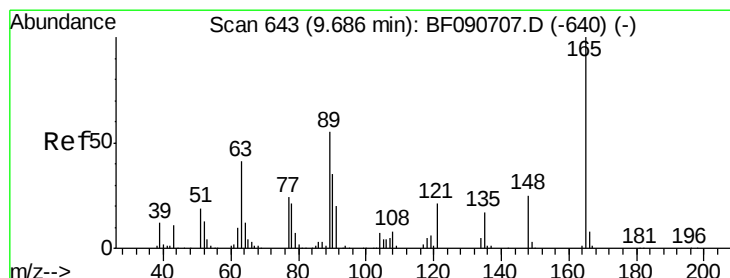
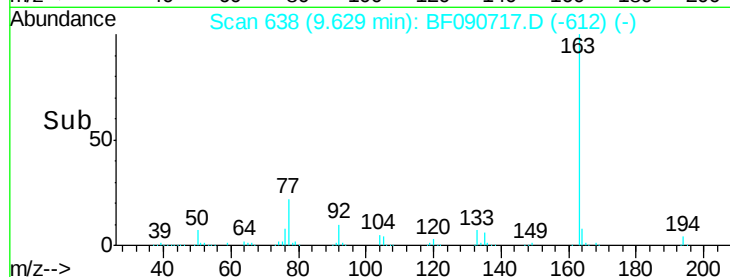
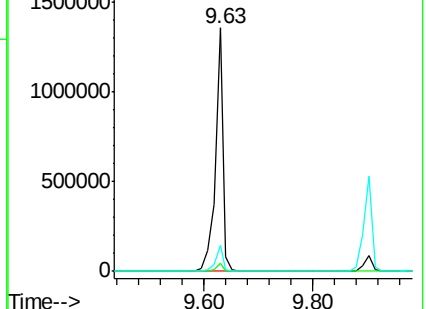
164 10.8 8.3 12.5



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: 37.57 ng

RT: 9.69 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

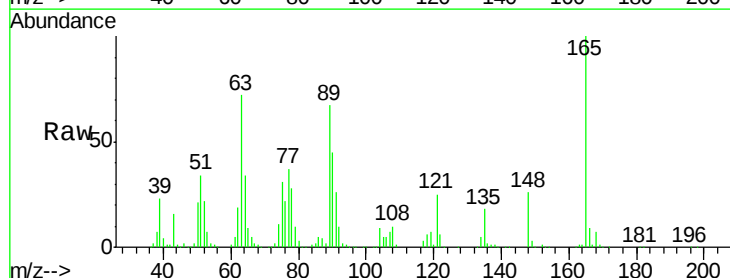
Tgt Ion:165 Resp: 278716

Ion Ratio Lower Upper

165 100

63 71.7 32.3 48.5#

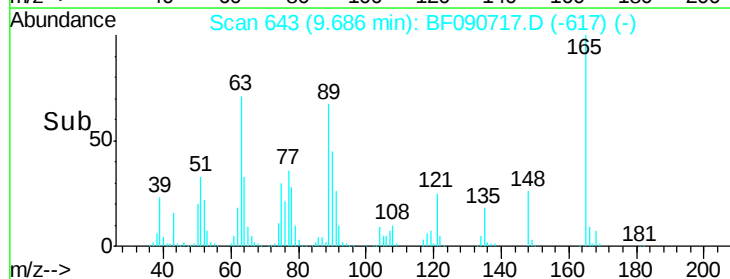
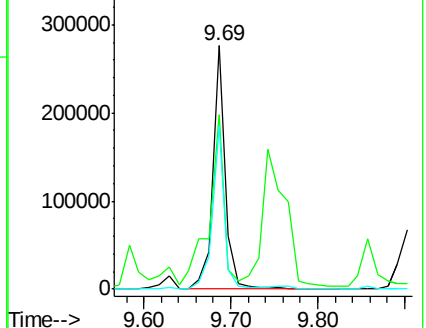
89 67.2 28.6 43.0#

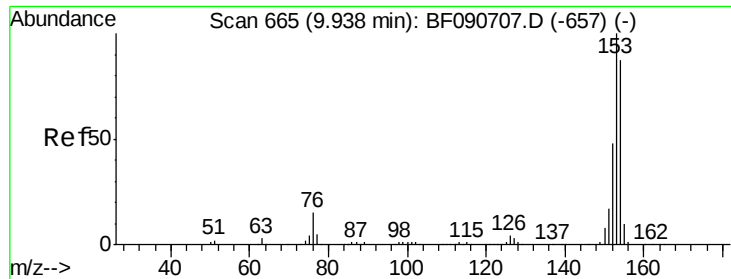


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.68 ng

RT: 9.94 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

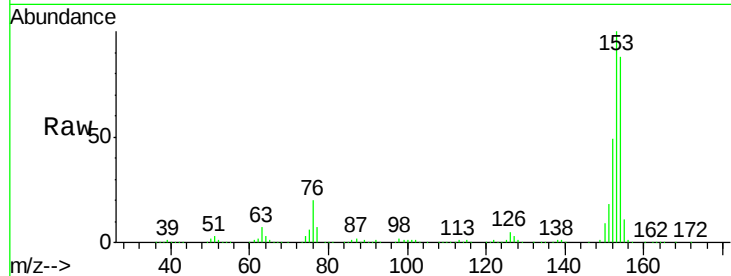
Tgt Ion:154 Resp: 1320477

Ion Ratio Lower Upper

154 100

153 114.2 82.1 123.1

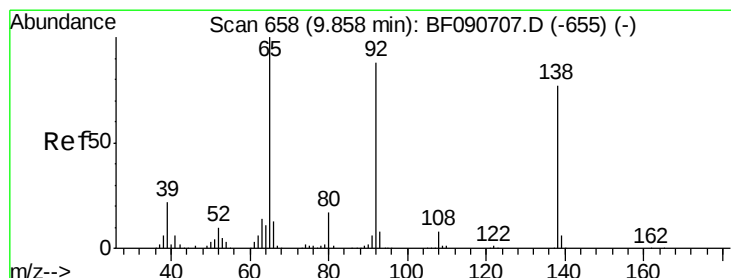
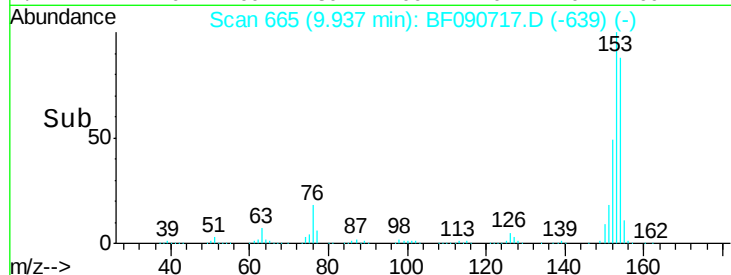
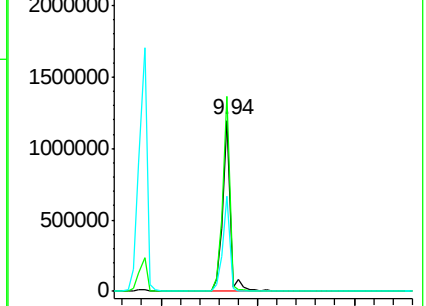
152 55.9 37.9 56.9



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: 38.83 ng

RT: 9.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

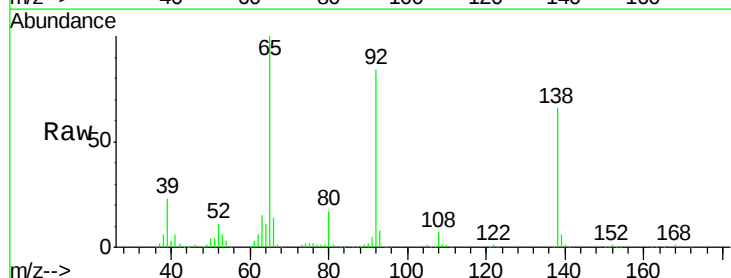
Tgt Ion:138 Resp: 331127

Ion Ratio Lower Upper

138 100

108 10.3 5.7 8.5#

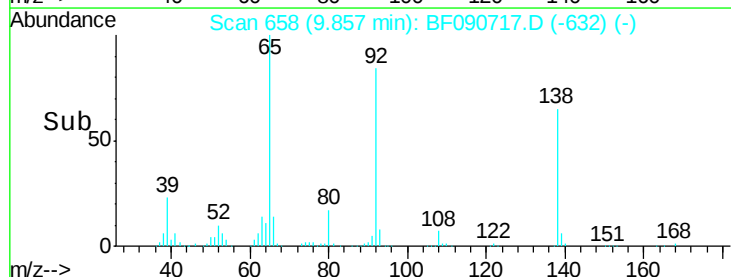
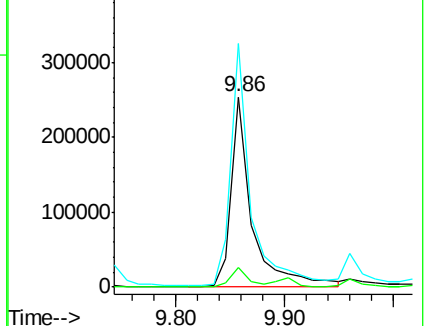
92 127.9 67.7 101.5#

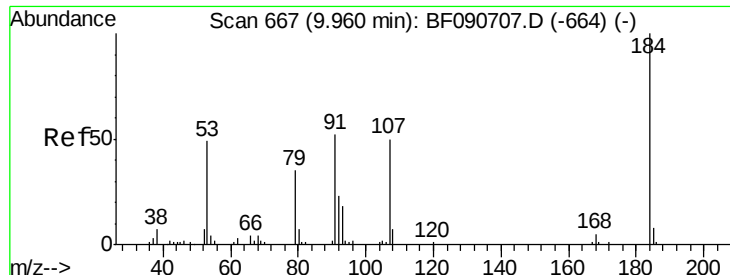


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

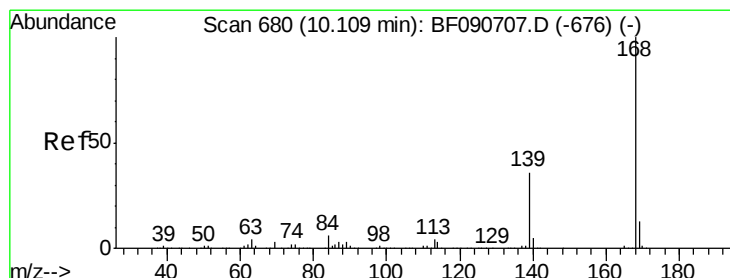
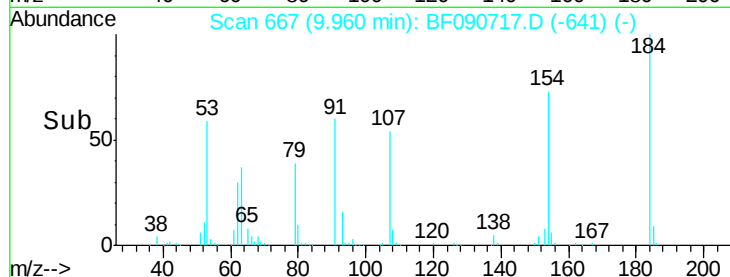
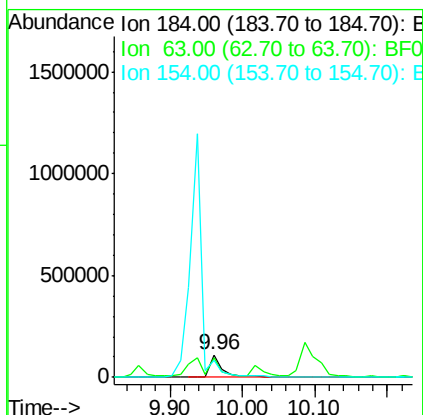
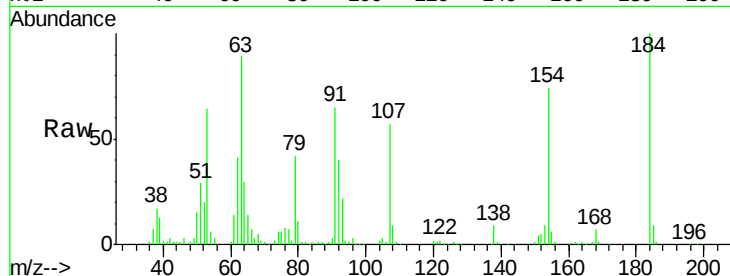




#53
2,4-Dinitrophenol
Concen: 44.25 ng
RT: 9.96 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

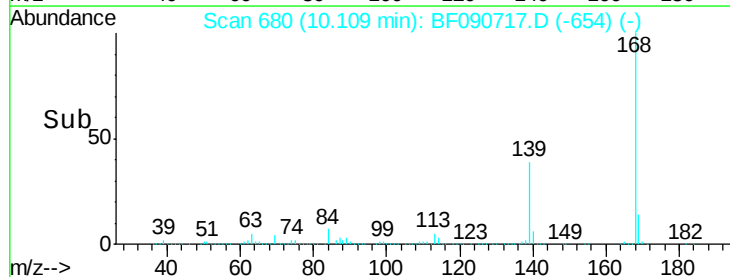
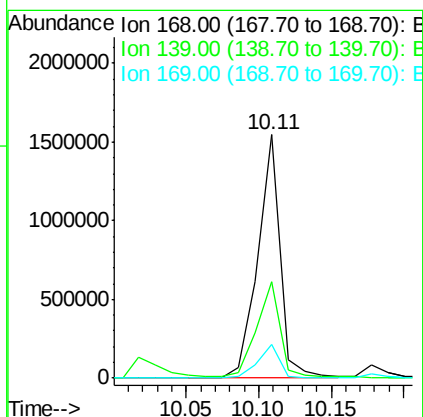
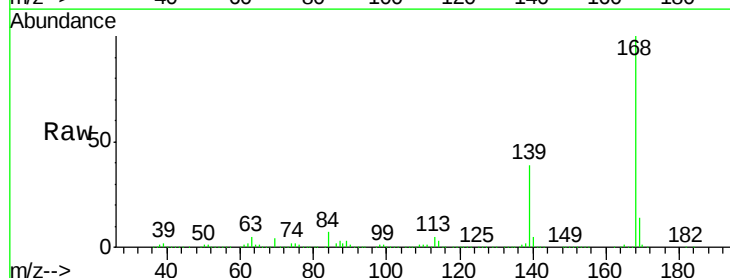
Instrument :
BNA_F
ClientSampleId :
ICVBF102116

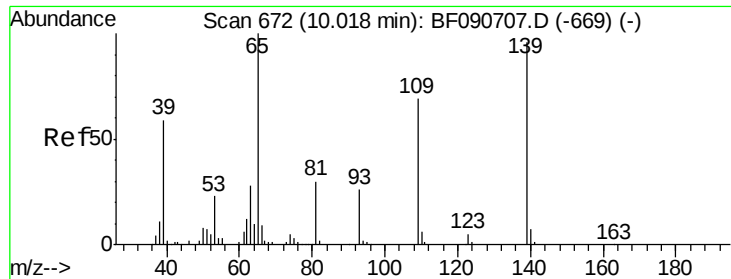
Tgt Ion:184 Resp: 143998
Ion Ratio Lower Upper
184 100
63 88.8 35.4 53.2#
154 73.6 32.2 48.4#



#54
Dibenzofuran
Concen: 42.05 ng
RT: 10.11 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

Tgt Ion:168 Resp: 1653510
Ion Ratio Lower Upper
168 100
139 39.4 24.2 36.2#
169 13.9 10.6 15.8

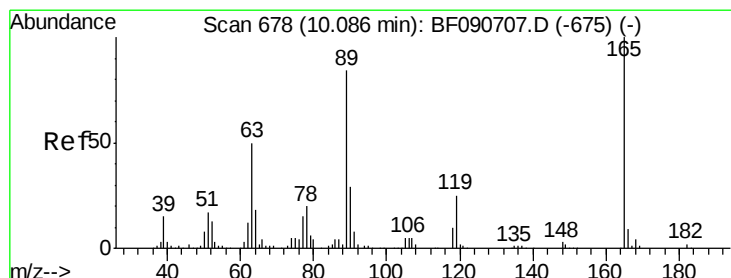
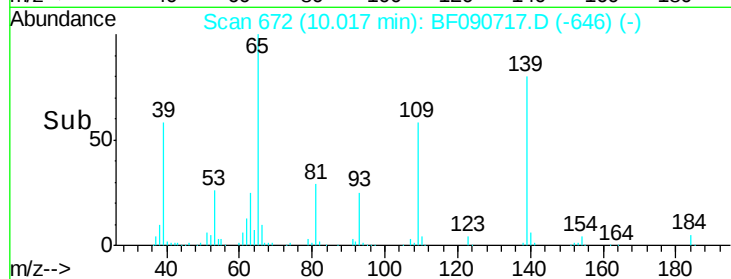
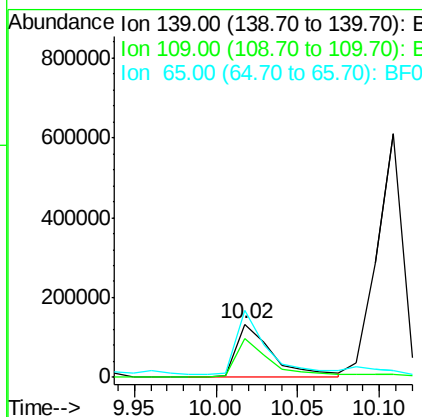
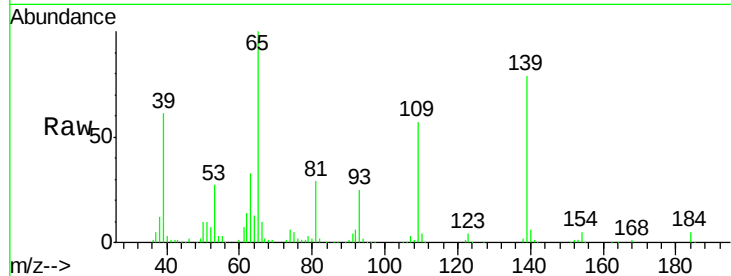




#55
4-Nitrophenol
Concen: 41.76 ng
RT: 10.02 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

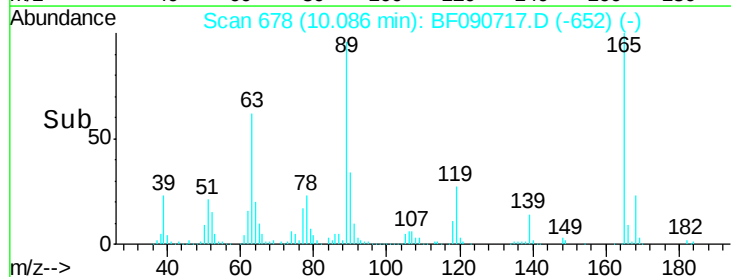
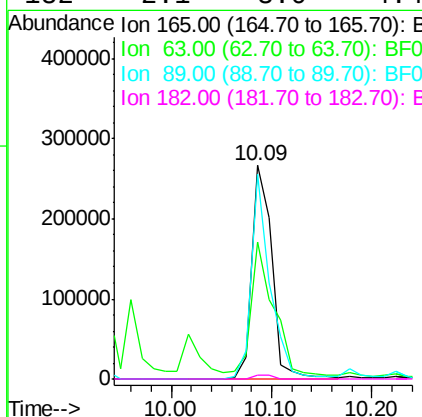
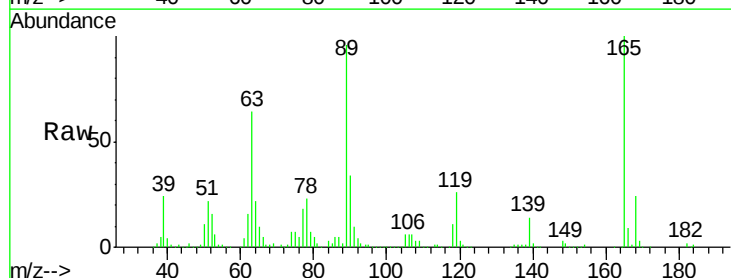
Instrument :
BNA_F
ClientSampleId :
ICVBF102116

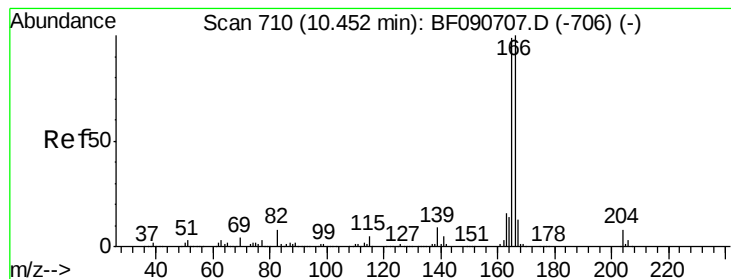
Tgt Ion:139 Resp: 202747
Ion Ratio Lower Upper
139 100
109 72.9 12.7 52.7#
65 127.1 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 40.74 ng
RT: 10.09 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

Tgt Ion:165 Resp: 369450
Ion Ratio Lower Upper
165 100
63 64.1 29.8 44.6#
89 96.1 44.5 66.7#
182 2.1 3.0 4.4#





#57

Fluorene

Concen: 42.35 ng

RT: 10.45 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

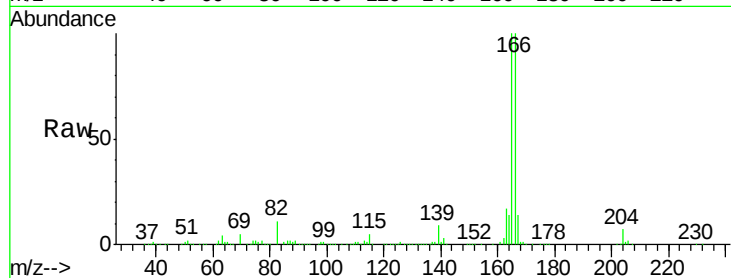
Tgt Ion:166 Resp: 1380292

Ion Ratio Lower Upper

166 100

165 99.8 72.6 109.0

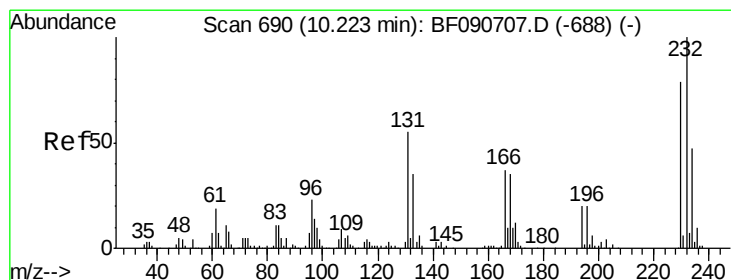
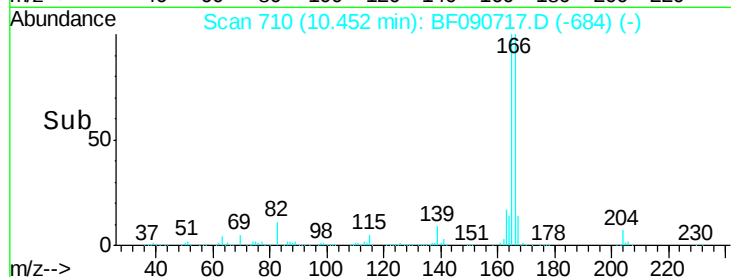
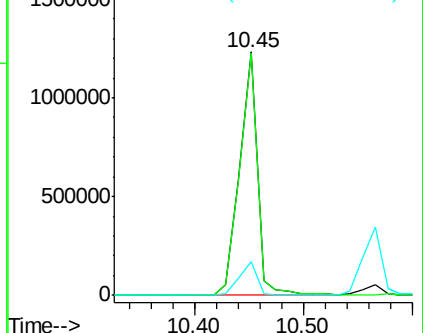
167 13.6 10.6 16.0



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: 42.21 ng

RT: 10.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Tgt Ion:232 Resp: 309061

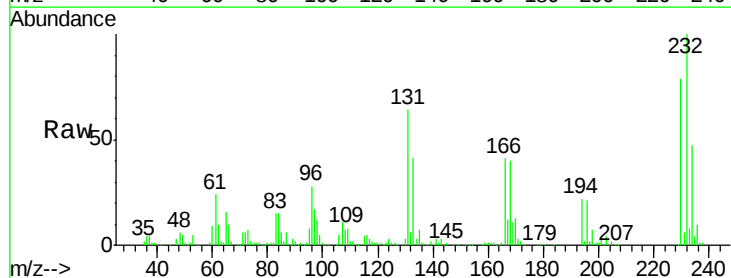
Ion Ratio Lower Upper

232 100

131 57.4 38.5 57.7

130 2.6 1.8 2.6#

166 35.0 25.0 37.6

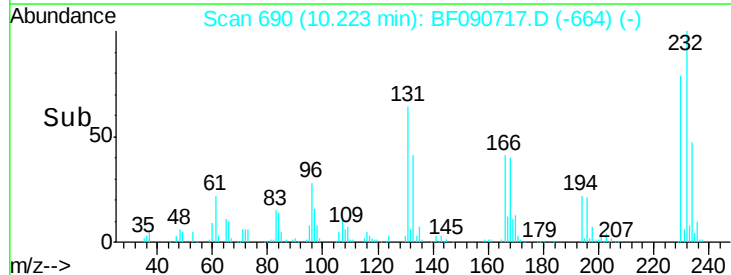
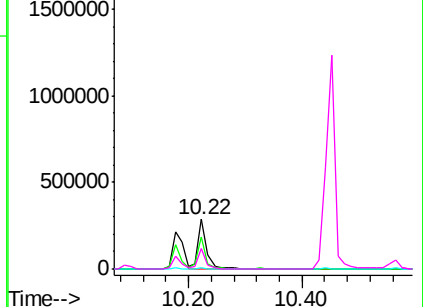


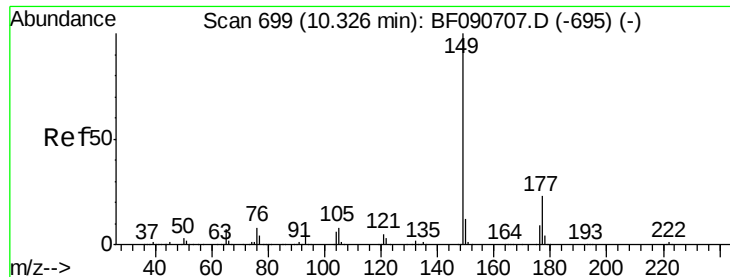
Abundance Ion 232.00 (231.70 to 232.70): E

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

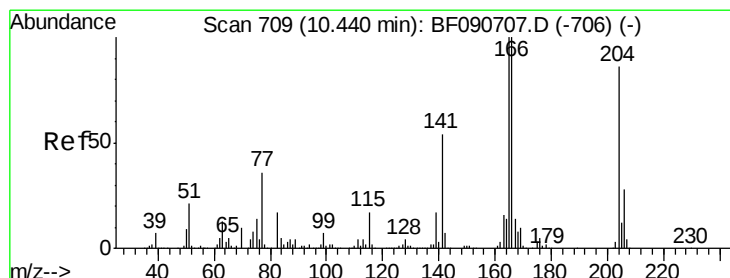
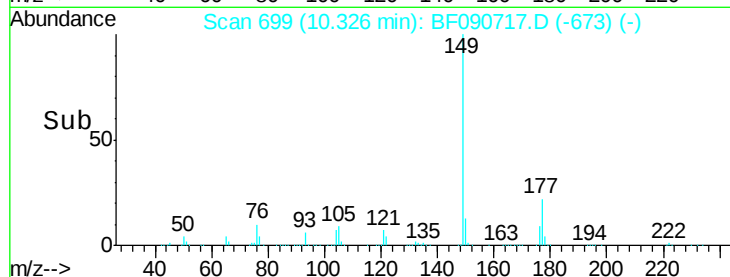
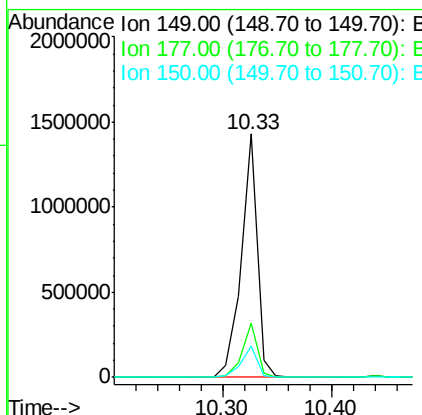
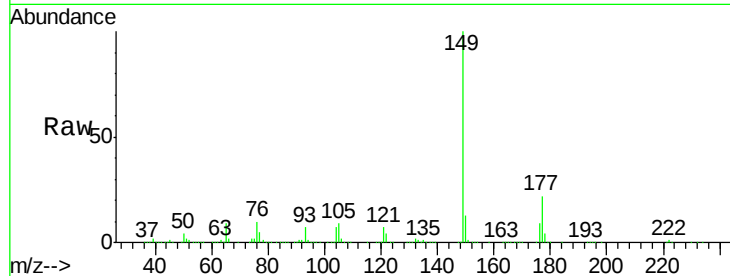




#59
Diethylphthalate
Concen: 40.30 ng
RT: 10.33 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

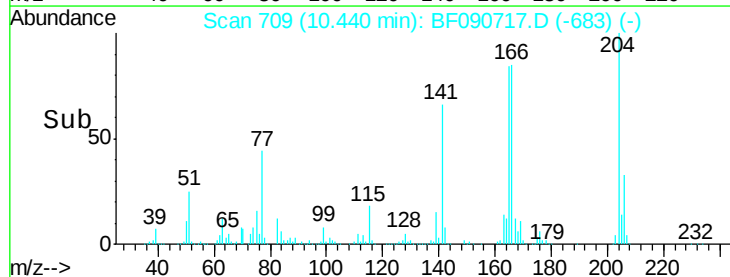
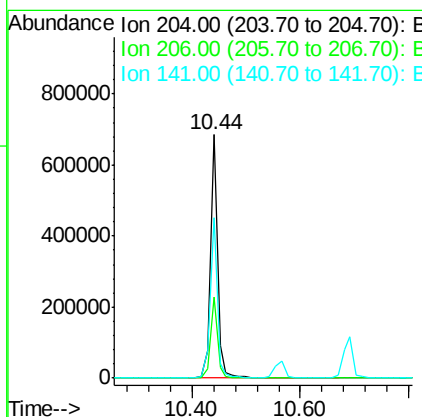
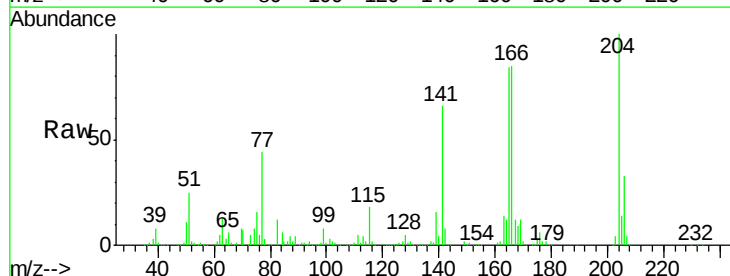
Instrument :
BNA_F
ClientSampleId :
ICVBF102116

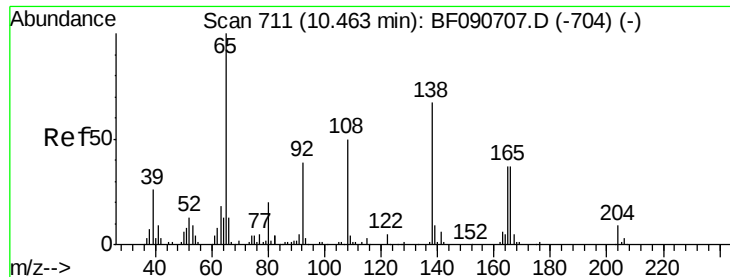
Tgt Ion:149 Resp: 1442119
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.9 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 41.83 ng
RT: 10.44 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

Tgt Ion:204 Resp: 622955
Ion Ratio Lower Upper
204 100
206 33.0 24.8 37.2
141 65.7 42.2 63.4#

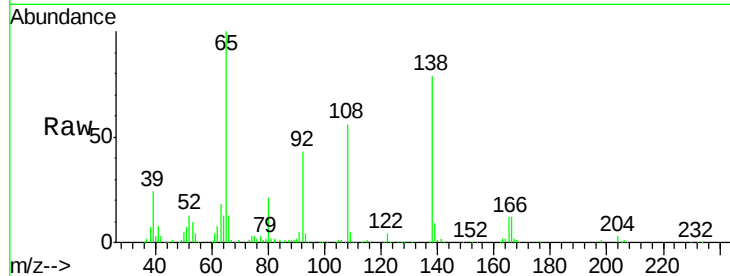




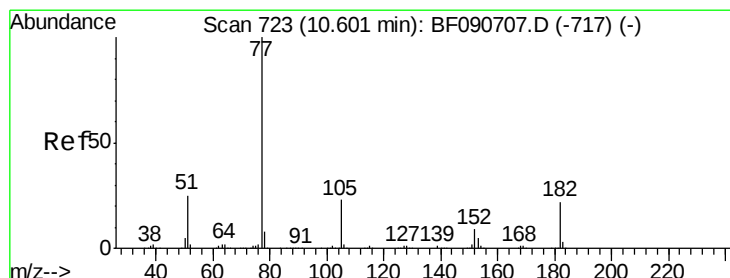
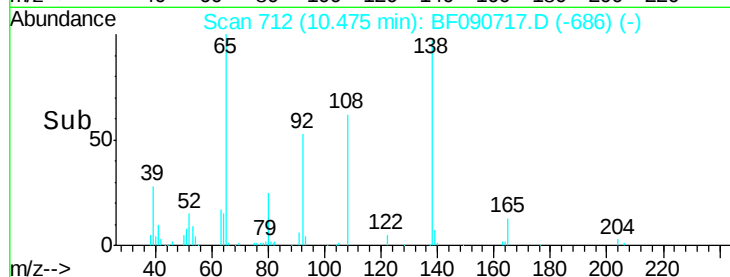
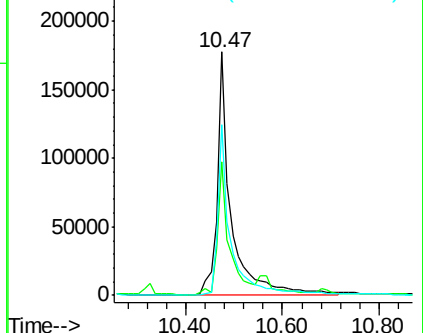
#61
4-Nitroaniline
Concen: 41.43 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF102116

Tgt Ion:138 Resp: 357857
Ion Ratio Lower Upper
138 100
92 54.7 12.6 52.6#
108 70.2 12.4 52.4#



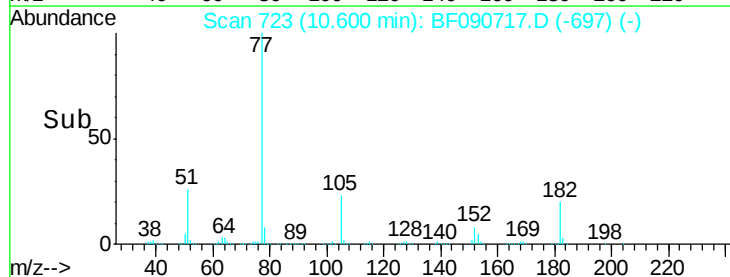
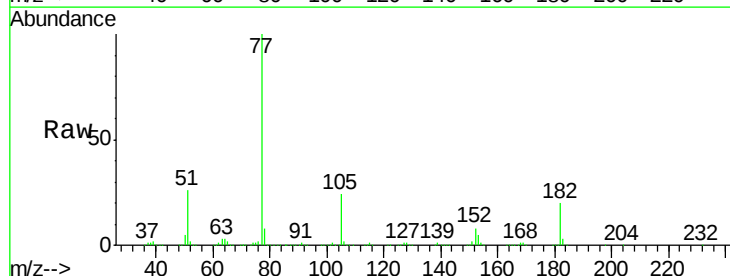
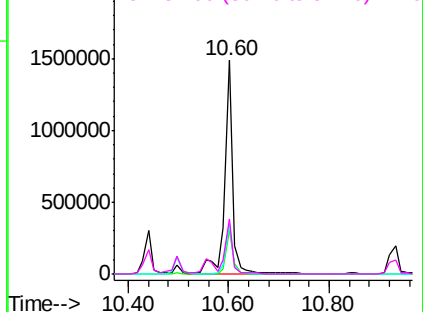
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

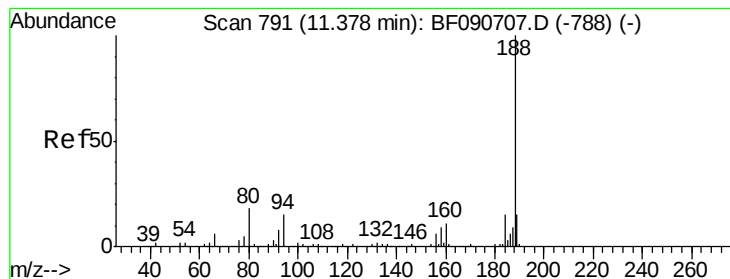


#62
Azobenzene
Concen: 38.87 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

Tgt Ion: 77 Resp: 1628585
Ion Ratio Lower Upper
77 100
182 20.2 15.1 55.1
105 23.5 3.4 43.4
51 25.8 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: 11.39 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

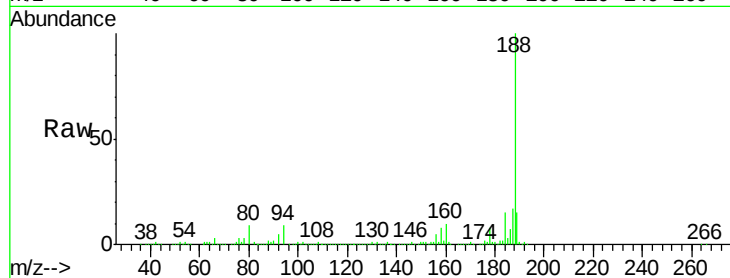
Tgt Ion:188 Resp: 807155

Ion Ratio Lower Upper

188 100

94 8.8 11.1 16.7#

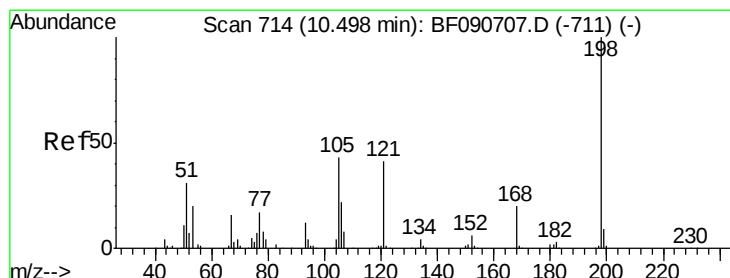
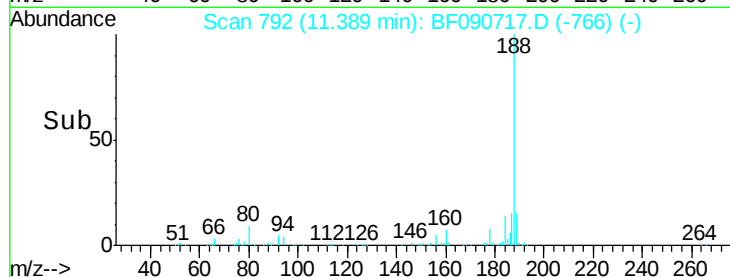
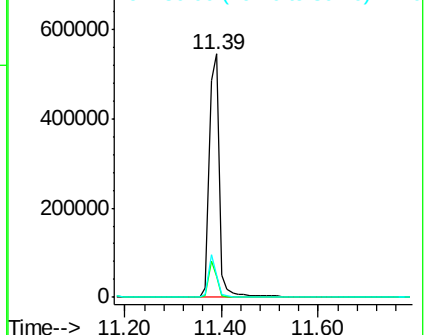
80 9.2 11.0 16.4#



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: 38.82 ng

RT: 10.50 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

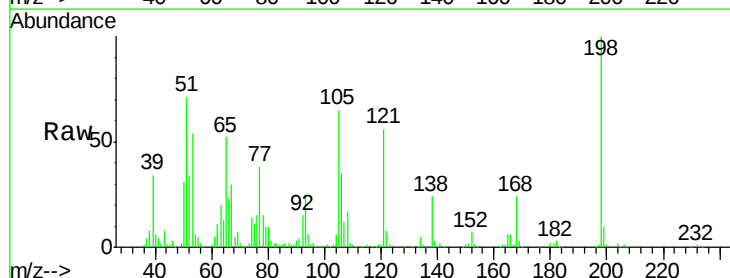
Tgt Ion:198 Resp: 195473

Ion Ratio Lower Upper

198 100

51 70.6 39.6 79.6

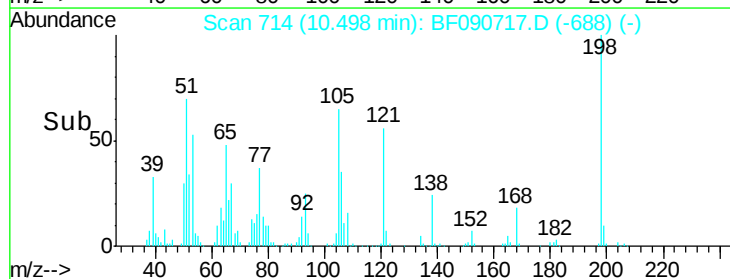
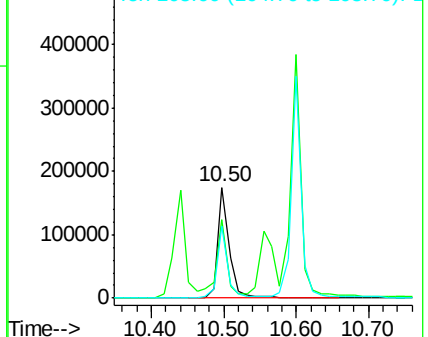
105 65.2 28.5 68.5

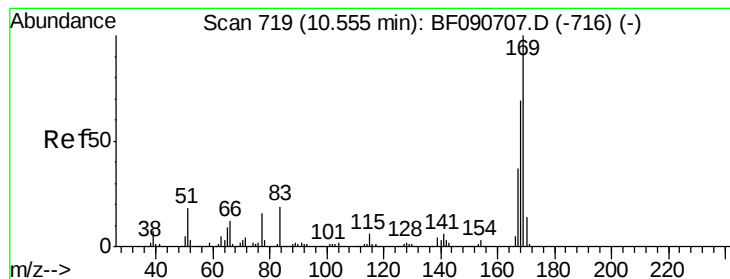


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.98 ng

RT: 10.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

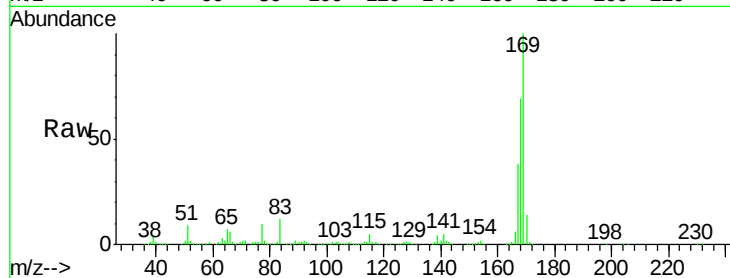
Tgt Ion:169 Resp: 1111412

Ion Ratio Lower Upper

169 100

168 69.2 48.9 73.3

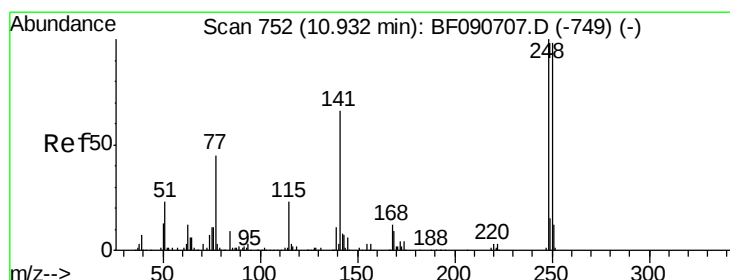
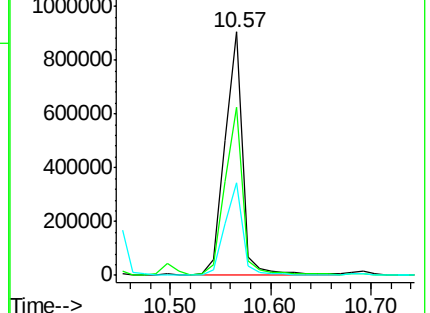
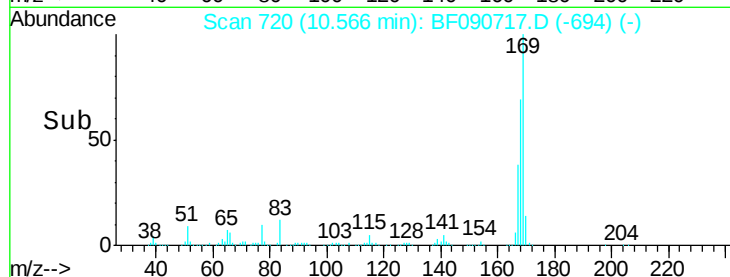
167 38.1 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.82 ng

RT: 10.93 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

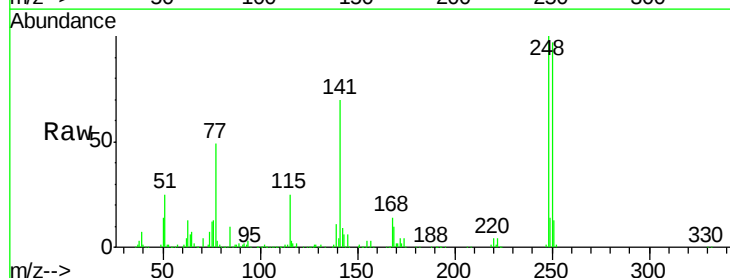
Tgt Ion:248 Resp: 358526

Ion Ratio Lower Upper

248 100

250 97.0 78.5 117.7

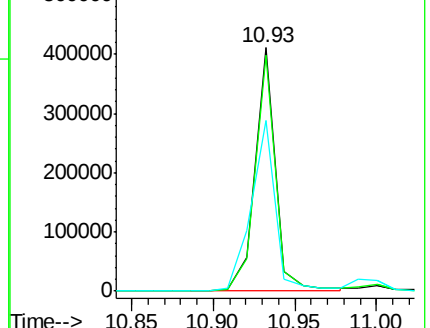
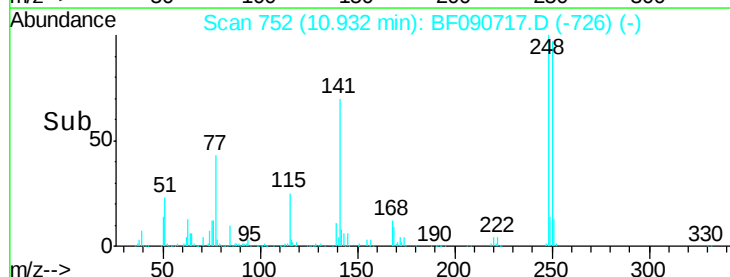
141 69.8 59.0 88.6

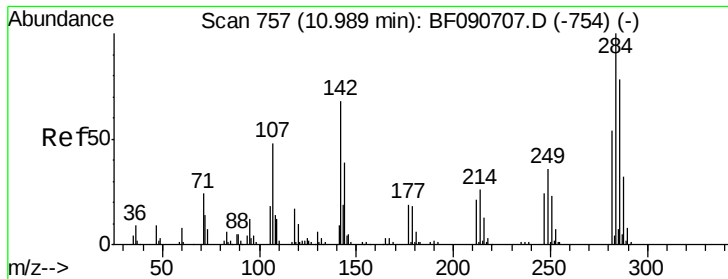


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

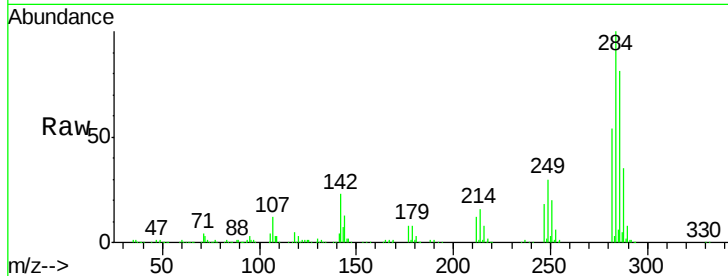




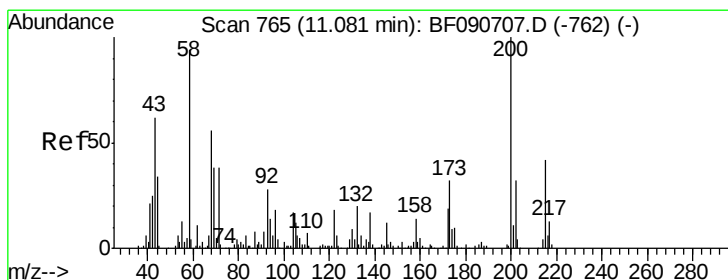
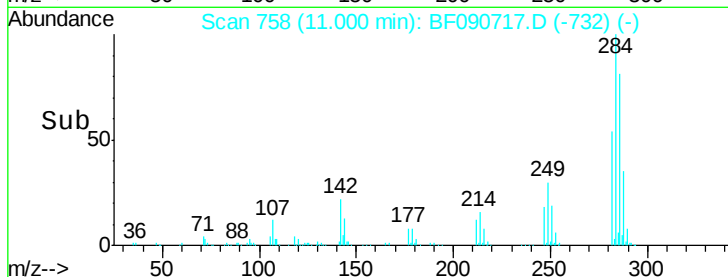
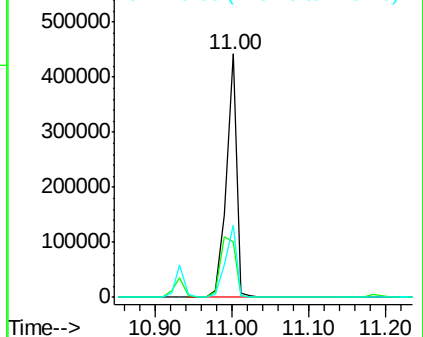
#67
Hexachlorobenzene
Concen: 46.16 ng
RT: 11.00 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF102116

Tgt Ion:284 Resp: 426227
Ion Ratio Lower Upper
284 100
142 22.7 29.5 44.3#
249 29.7 19.5 29.3#

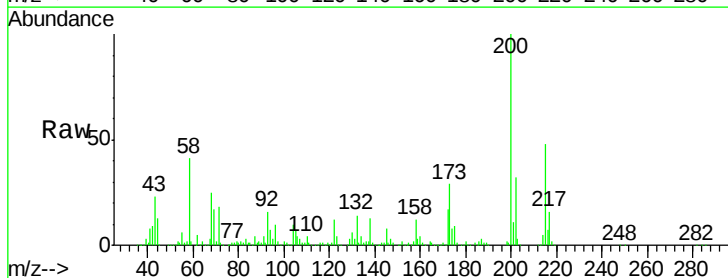


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

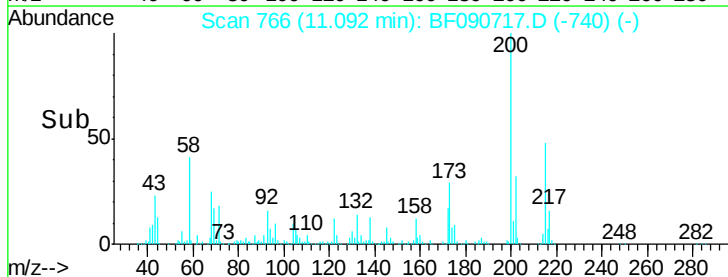
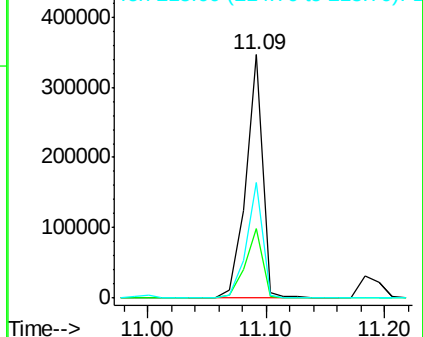


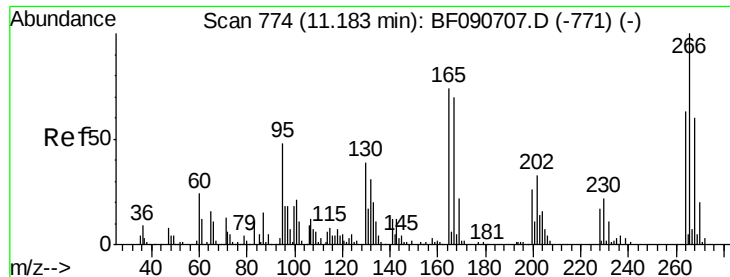
#68
Atrazine
Concen: 47.91 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

Tgt Ion:200 Resp: 341953
Ion Ratio Lower Upper
200 100
173 28.7 13.2 53.2
215 47.5 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

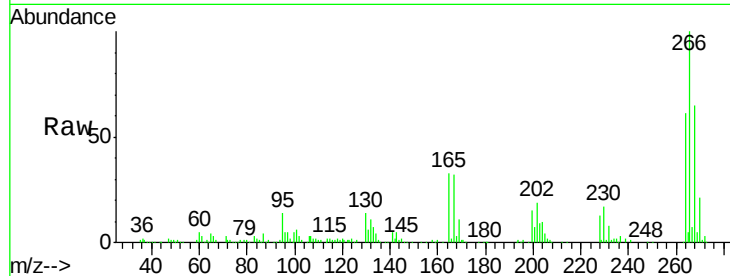




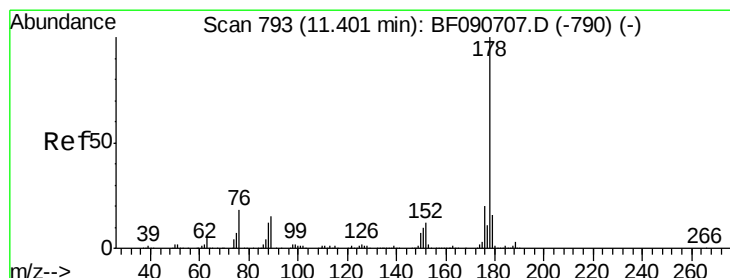
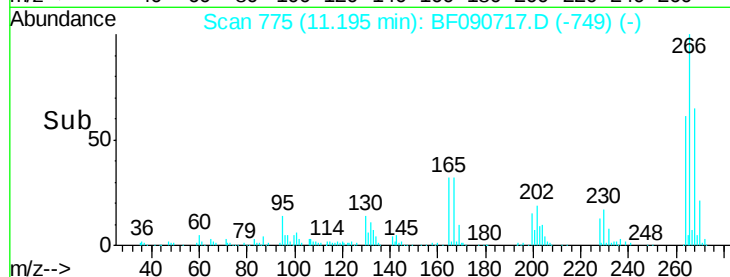
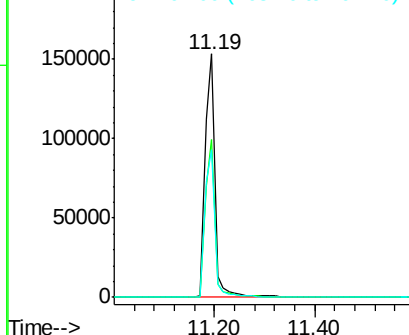
#69
 Pentachlorophenol
 Concen: 43.70 ng
 RT: 11.19 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

Tgt Ion:266 Resp: 209129
 Ion Ratio Lower Upper
 266 100
 268 64.9 49.8 74.6
 264 60.9 50.2 75.2

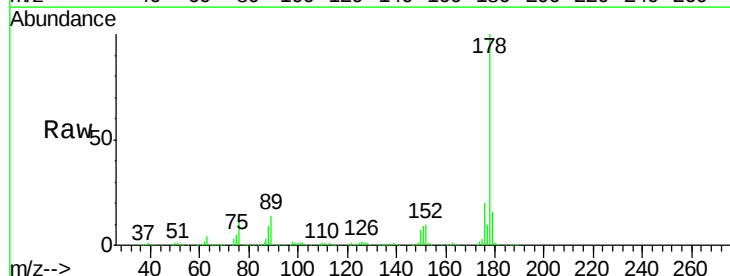


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

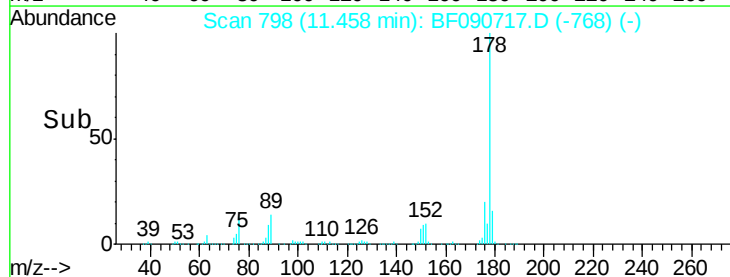
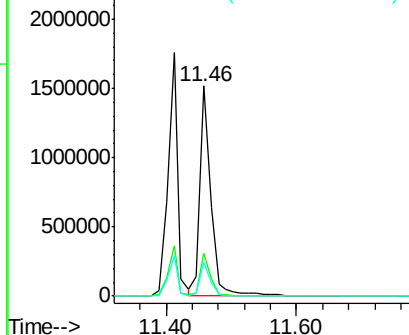


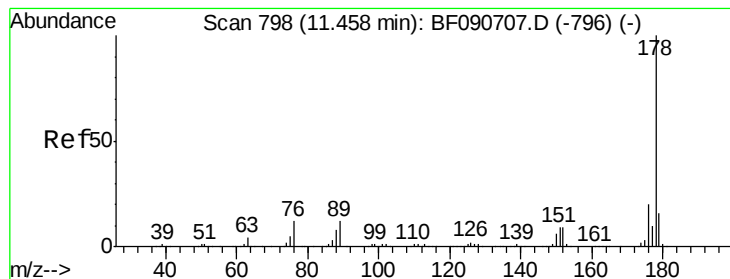
#70
 Phenanthrene
 Concen: 42.46 ng
 RT: 11.46 min Scan# 798
 Delta R.T. 0.05 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion:178 Resp: 1746867
 Ion Ratio Lower Upper
 178 100
 176 20.2 13.8 20.8
 179 16.2 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: 38.58 ng

RT: 11.46 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

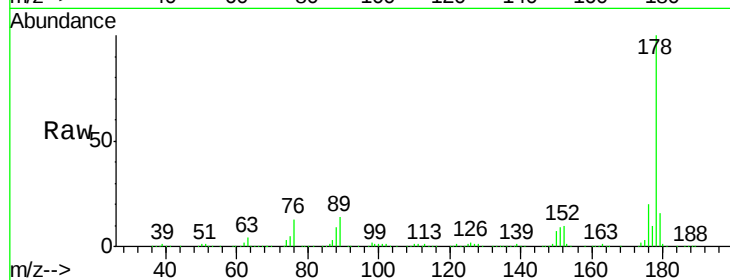
Tgt Ion:178 Resp: 1760453

Ion Ratio Lower Upper

178 100

176 20.2 14.1 21.1

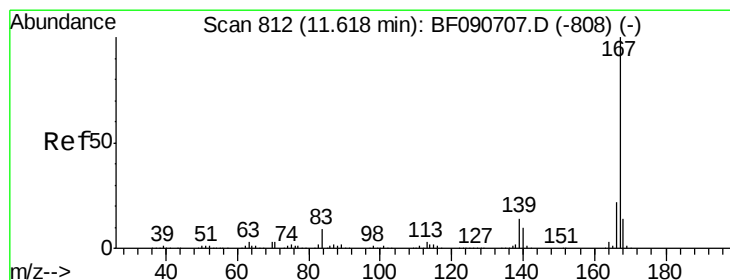
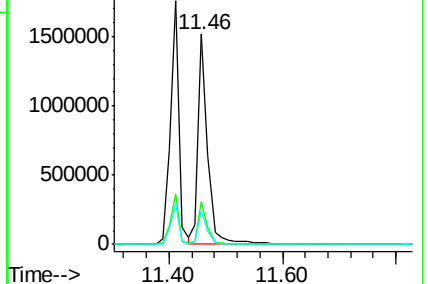
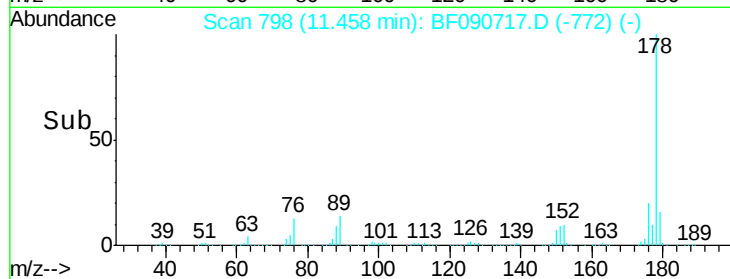
179 16.2 12.2 18.2



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: 43.89 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

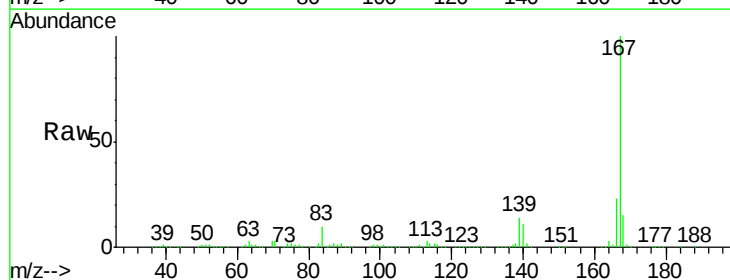
Tgt Ion:167 Resp: 1674326

Ion Ratio Lower Upper

167 100

166 22.7 15.7 23.5

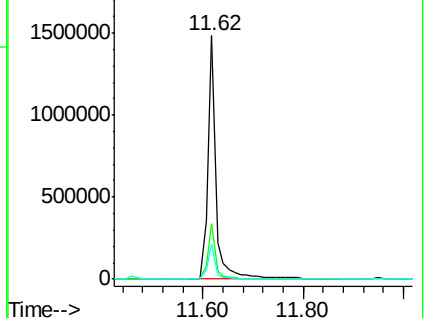
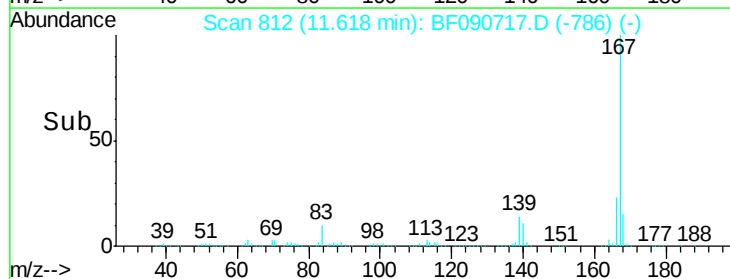
139 14.4 9.5 14.3#

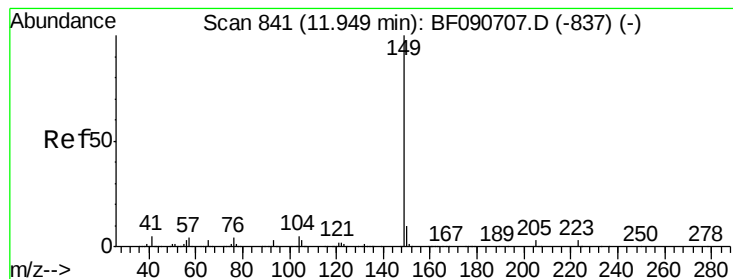


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.36 ng

RT: 11.95 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

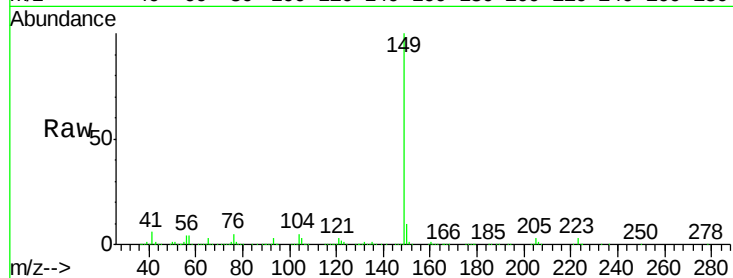
Tgt Ion:149 Resp: 2145758

Ion Ratio Lower Upper

149 100

150 10.3 7.4 11.2

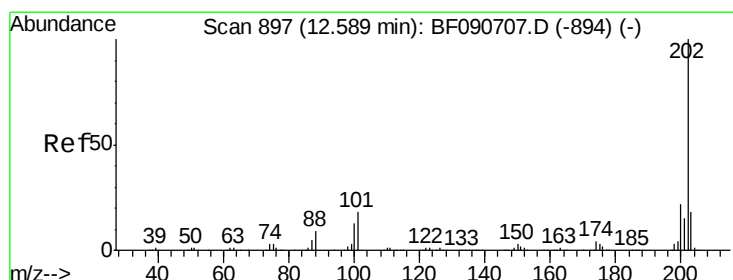
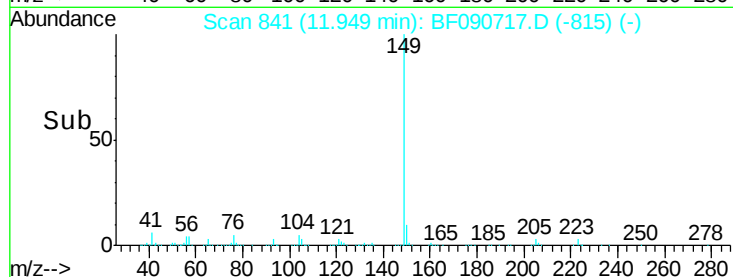
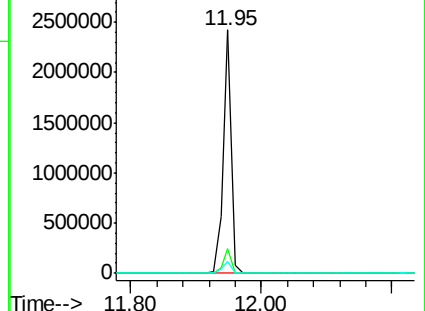
104 5.1 2.4 3.6#



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: 42.24 ng

RT: 12.59 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

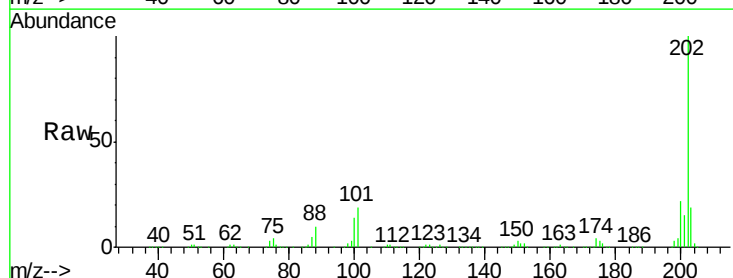
Tgt Ion:202 Resp: 1681035

Ion Ratio Lower Upper

202 100

101 18.7 0.0 38.3

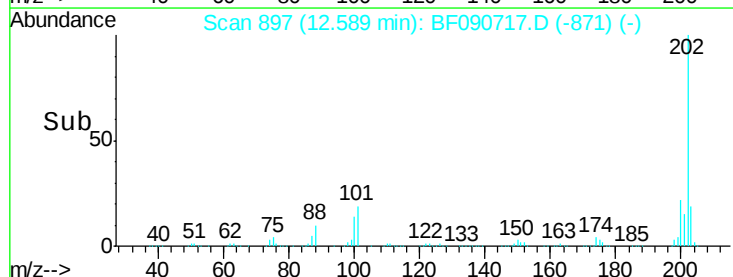
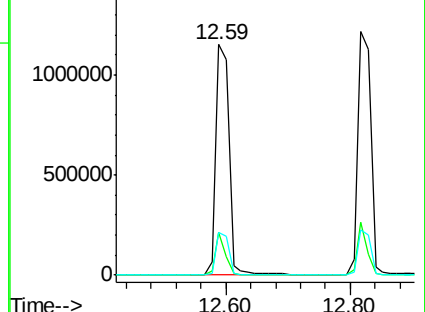
203 18.7 0.0 37.3

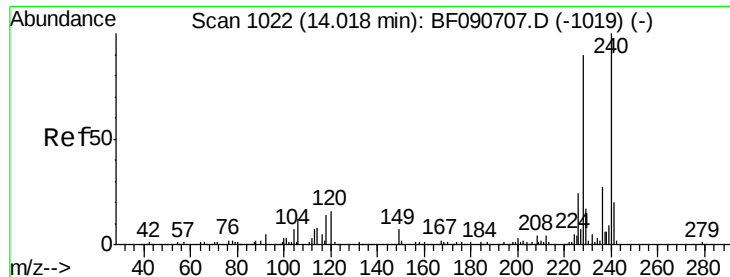


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

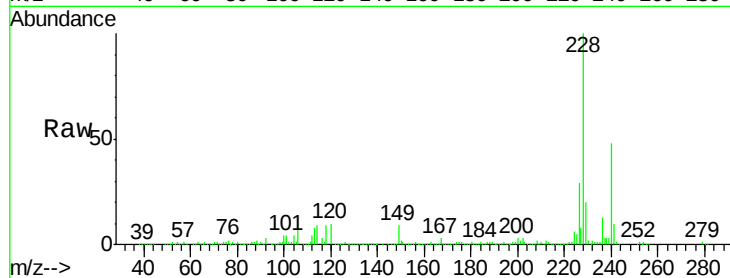
Tgt Ion:240 Resp: 606538

Ion Ratio Lower Upper

240 100

120 20.3 16.2 24.2

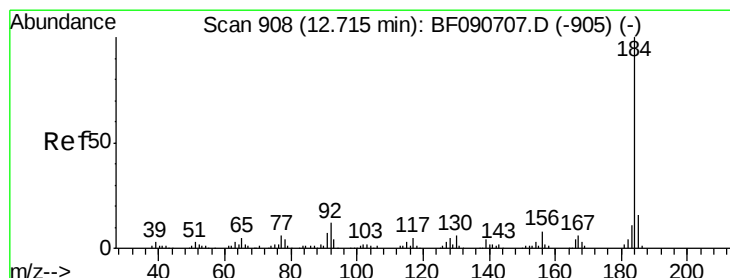
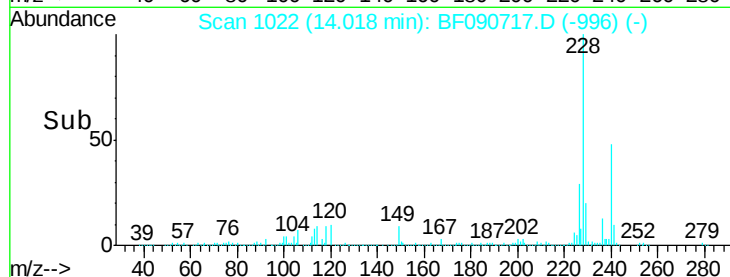
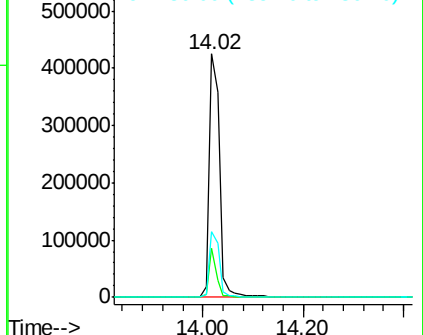
236 27.1 18.4 27.6



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: 42.65 ng

RT: 12.71 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

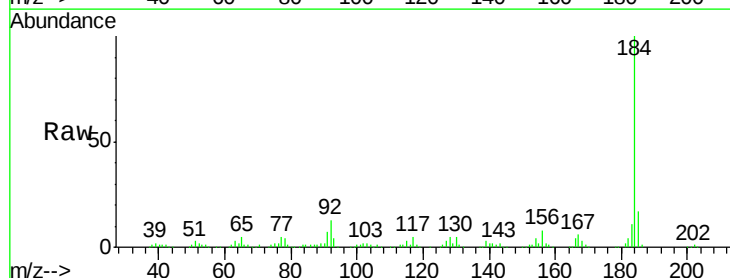
Tgt Ion:184 Resp: 574350

Ion Ratio Lower Upper

184 100

185 17.1 11.8 17.6

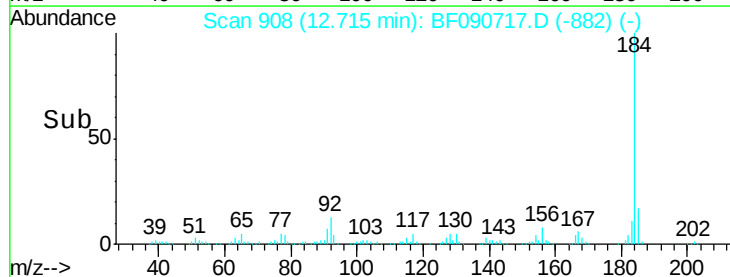
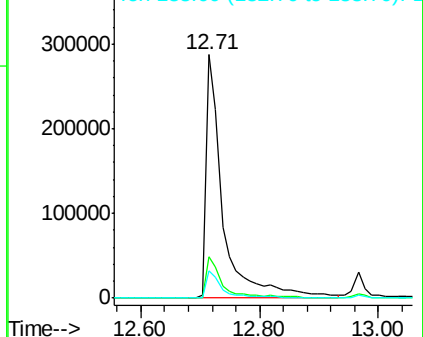
183 11.1 7.6 11.4

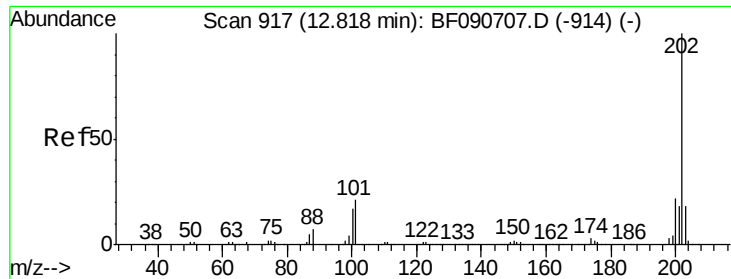


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

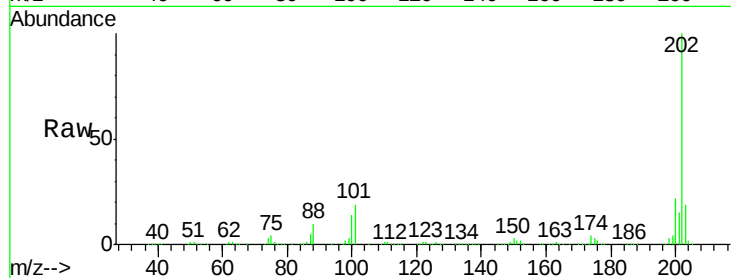




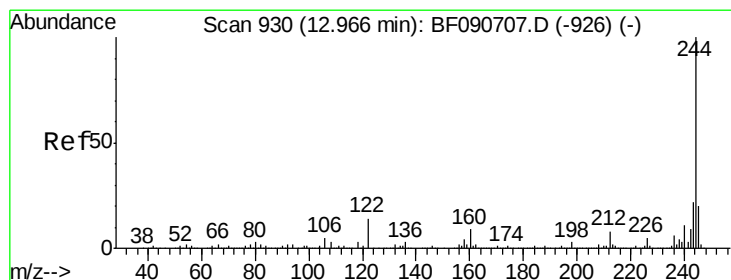
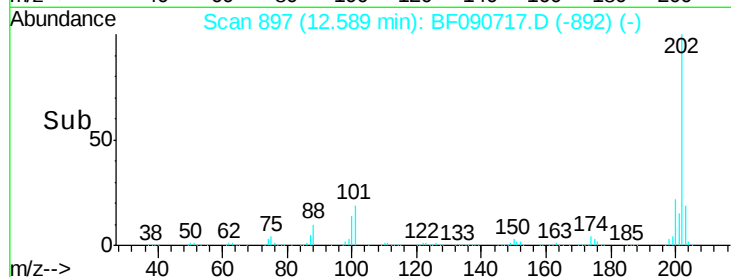
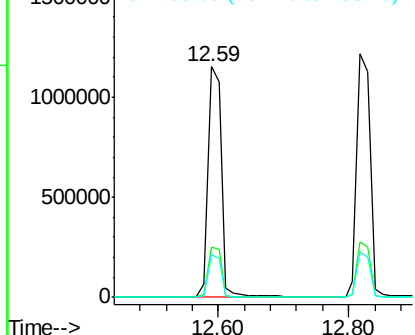
#77
 Pyrene
 Concen: 39.68 ng
 RT: 12.59 min Scan# 897
 Delta R.T. -0.24 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

Tgt Ion:202 Resp: 1681012
 Ion Ratio Lower Upper
 202 100
 200 22.0 15.0 22.4
 203 18.7 14.1 21.1

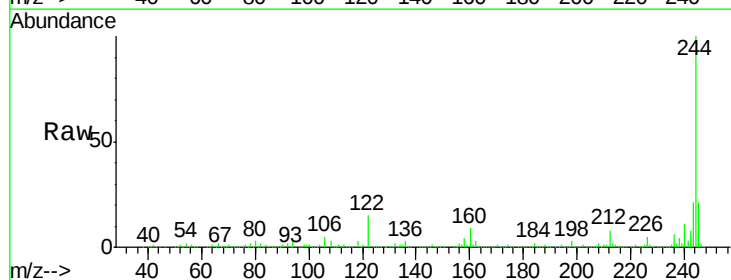


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

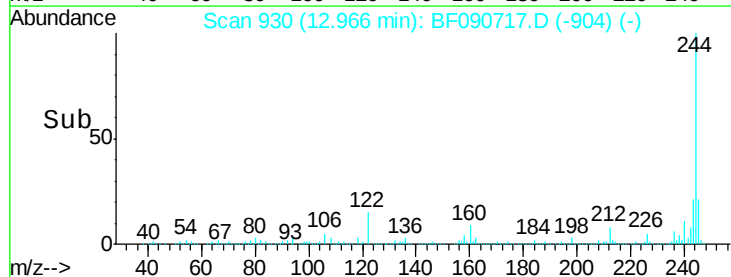
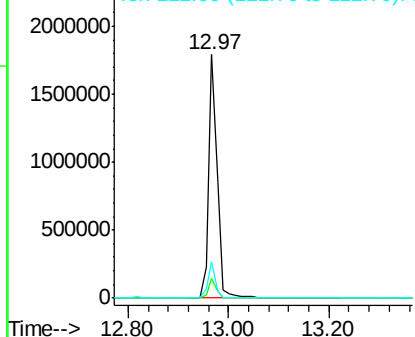


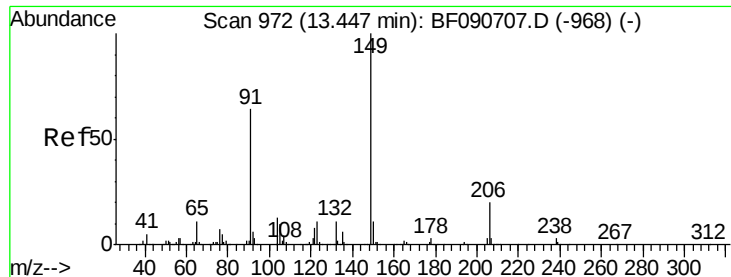
#78
 Terphenyl-d14
 Concen: 79.62 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion:244 Resp: 2107016
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 14.9 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

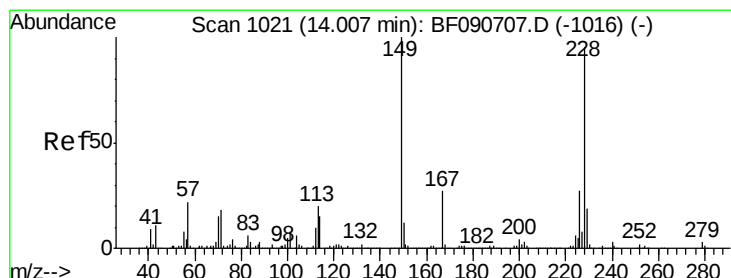
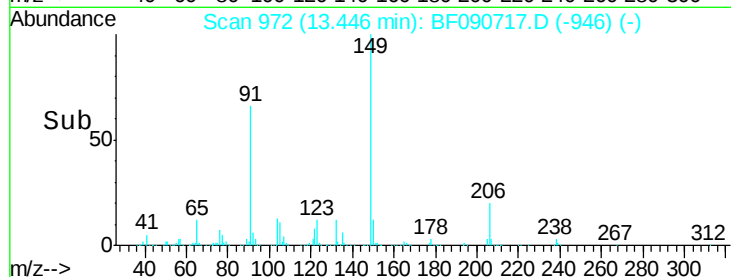
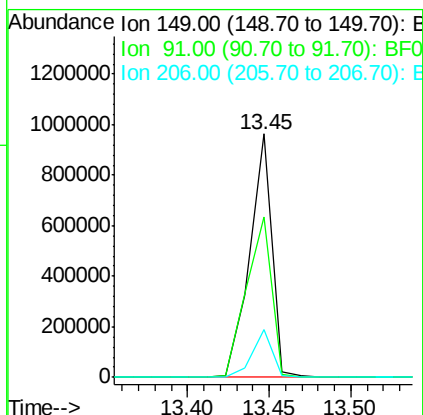
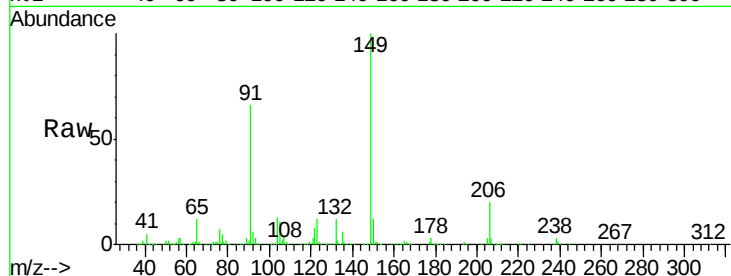




#79
Butylbenzylphthalate
Concen: 46.63 ng
RT: 13.45 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

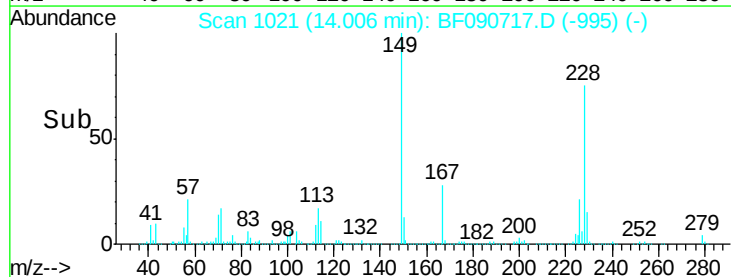
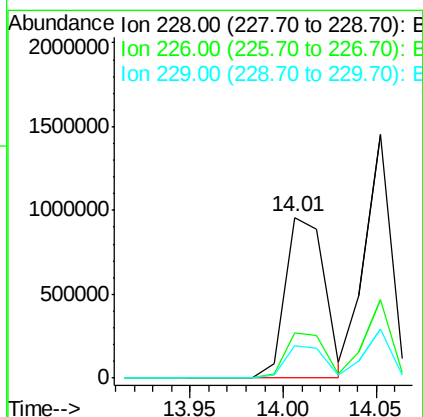
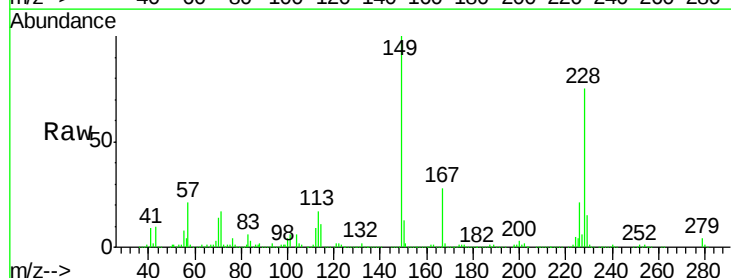
Instrument :
BNA_F
ClientSampleId :
ICVBF102116

Tgt Ion:149 Resp: 908056
Ion Ratio Lower Upper
149 100
91 66.0 48.6 72.8
206 19.6 14.9 22.3



#80
Benzo(a)anthracene
Concen: 41.94 ng
RT: 14.01 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

Tgt Ion:228 Resp: 1391934
Ion Ratio Lower Upper
228 100
226 27.8 20.0 30.0
229 20.2 15.4 23.2

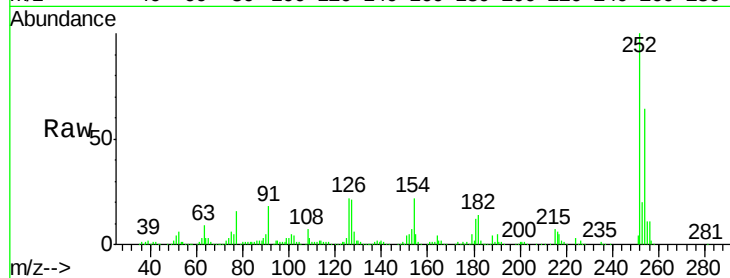




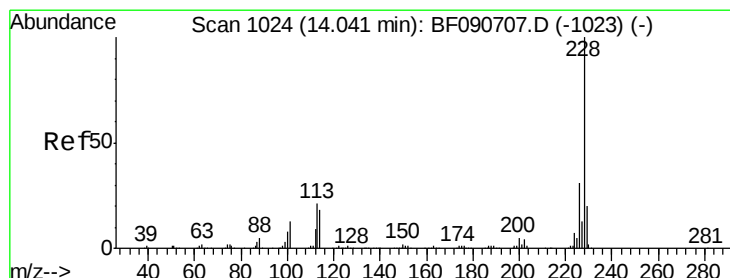
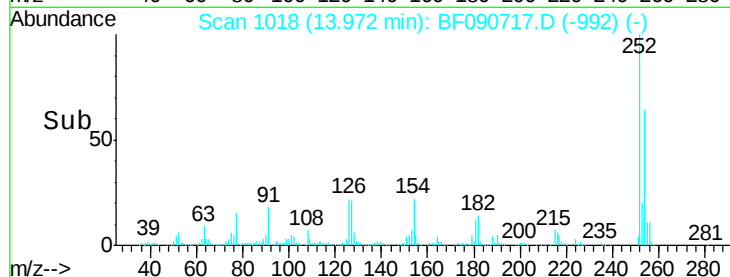
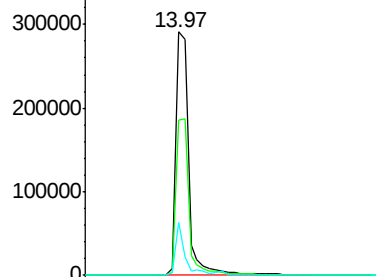
#81
 3,3'-Dichlorobenzidine
 Concen: 41.28 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

Tgt Ion: 252 Resp: 474793
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.4 77.2
 126 21.6 16.4 24.6

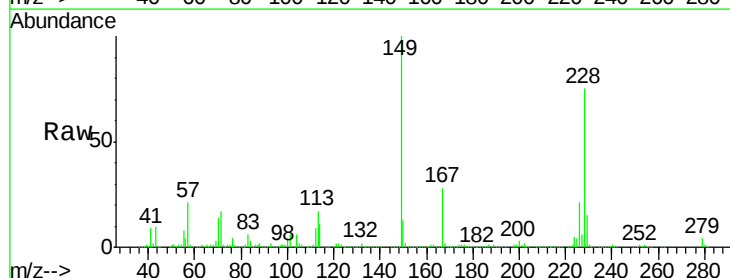


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

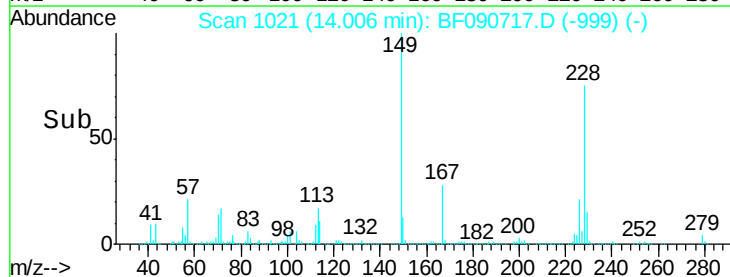
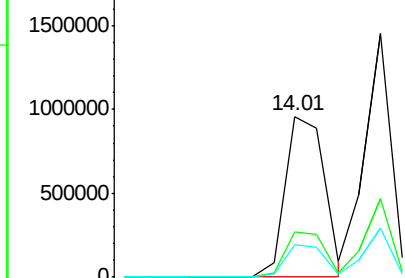


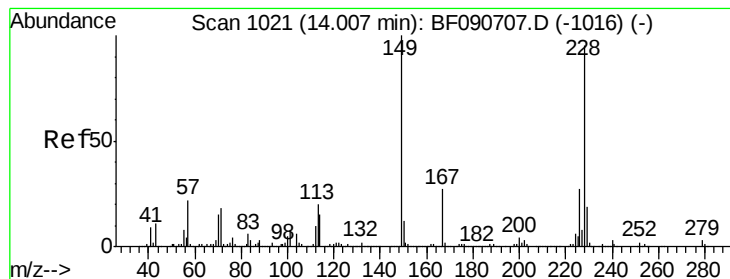
#82
 Chrysene
 Concen: 42.97 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.05 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion: 228 Resp: 1391934
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.0 31.4
 229 20.2 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: 42.19 ng

RT: 14.01 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

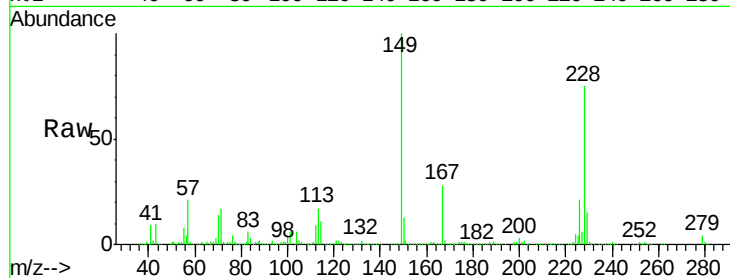
Tgt Ion:149 Resp: 1175457

Ion Ratio Lower Upper

149 100

167 28.4 24.2 36.2

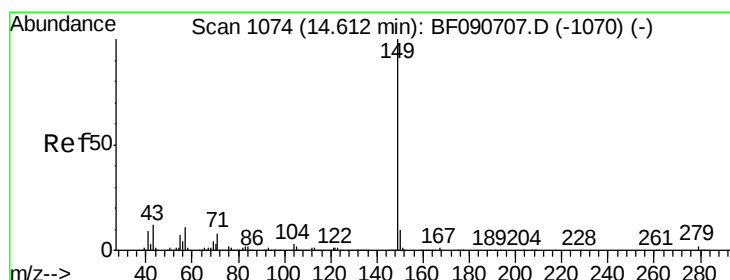
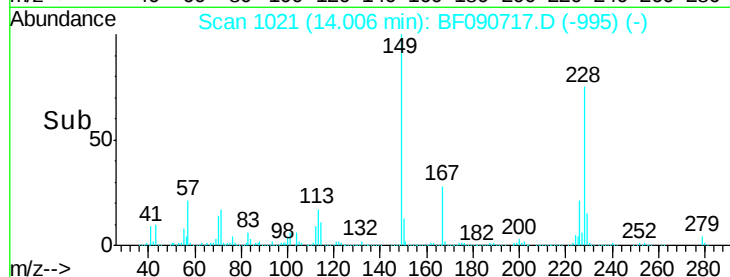
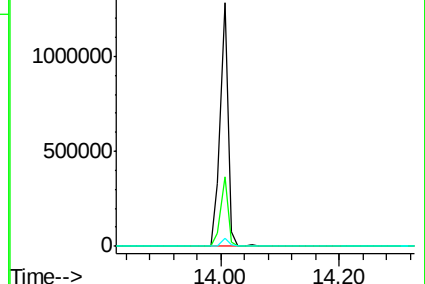
279 3.5 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.28 ng

RT: 14.61 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

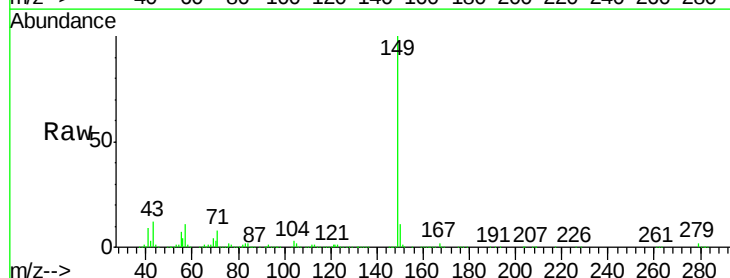
Tgt Ion:149 Resp: 1660666

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

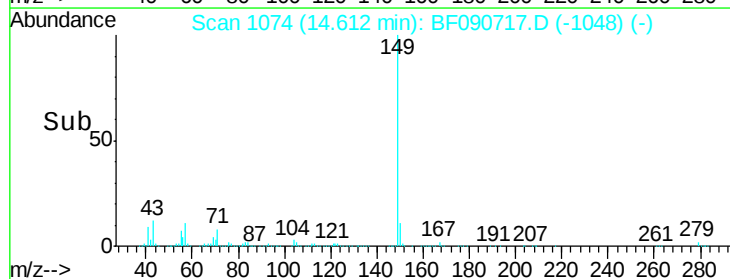
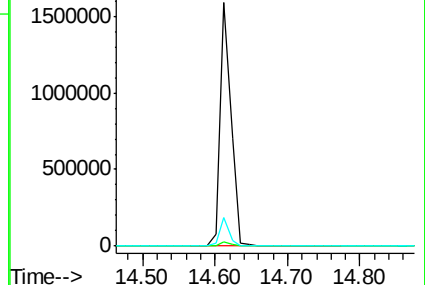
43 10.4 10.2 15.2

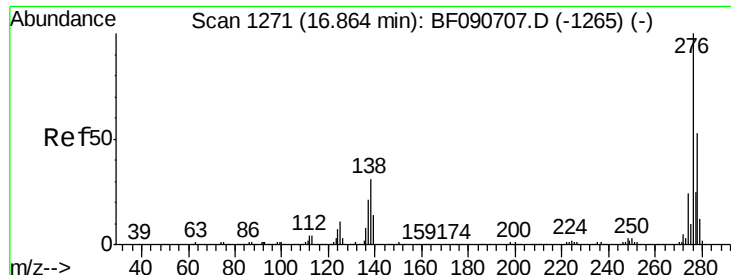


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

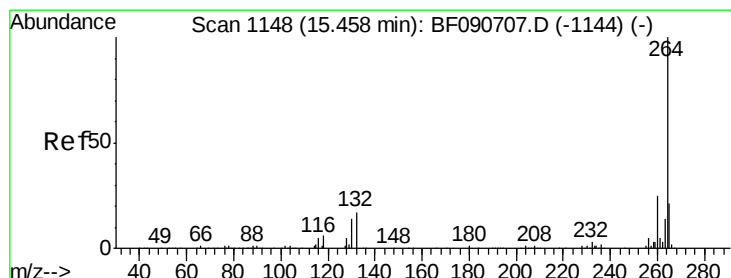
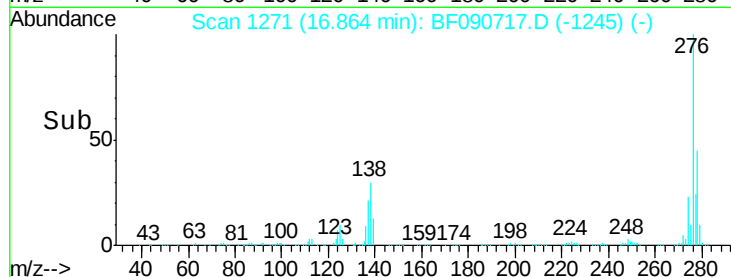
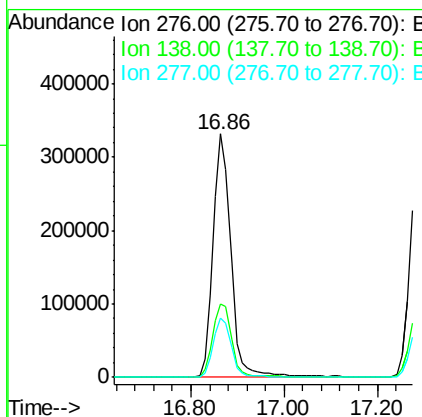
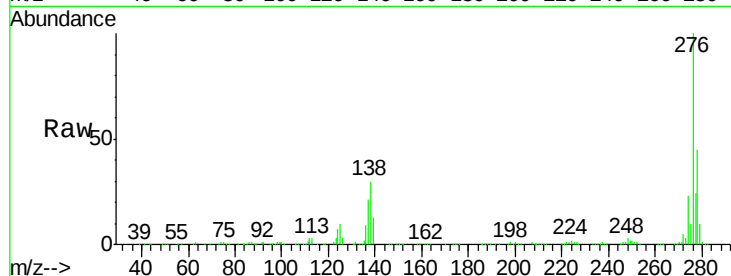




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.50 ng
 RT: 16.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

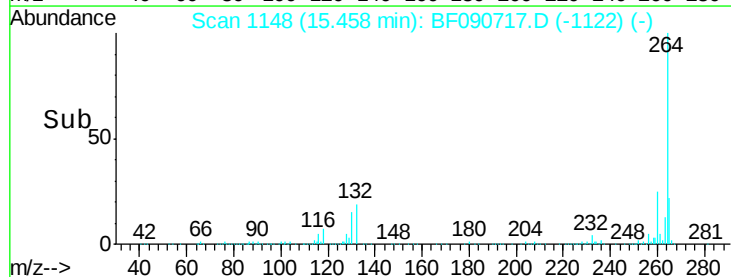
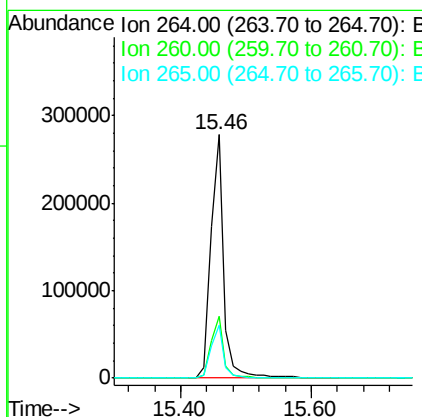
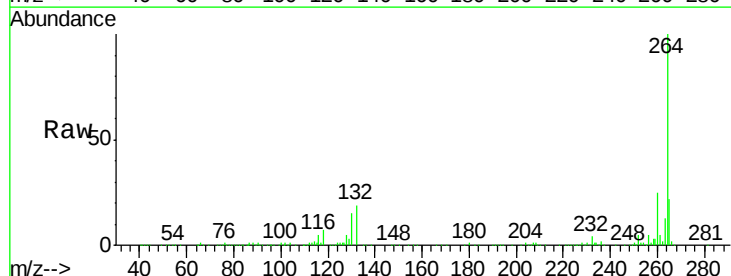
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102116

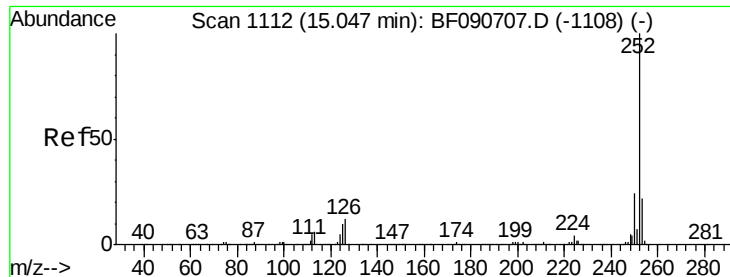
Tgt Ion: 276 Resp: 890391
 Ion Ratio Lower Upper
 276 100
 138 32.7 25.7 38.5
 277 25.1 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF090717.D
 Acq: 21 Oct 2016 17:34

Tgt Ion: 264 Resp: 386827
 Ion Ratio Lower Upper
 264 100
 260 25.4 16.7 25.1#
 265 21.7 17.2 25.8

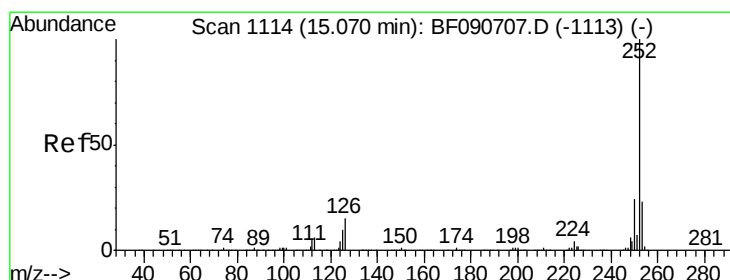
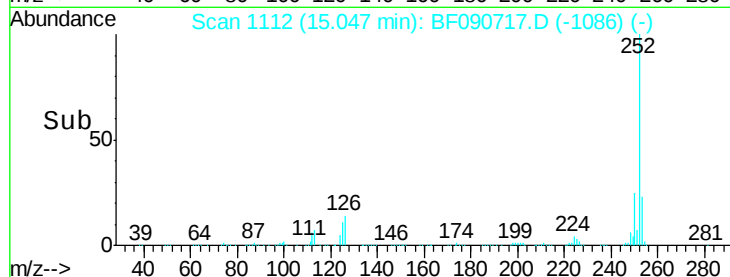
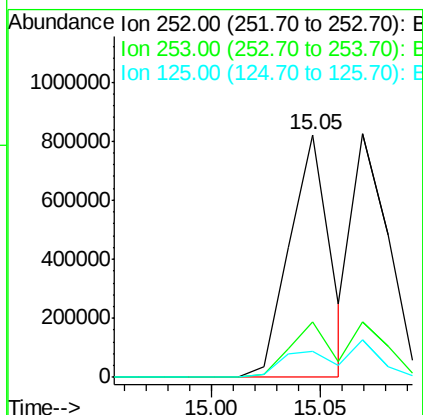
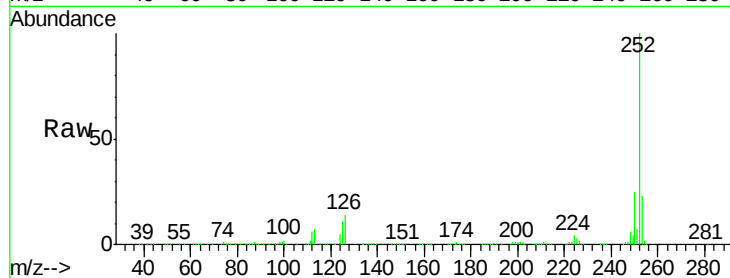




#87
Benzo(b)fluoranthene
Concen: 44.58 ng
RT: 15.05 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

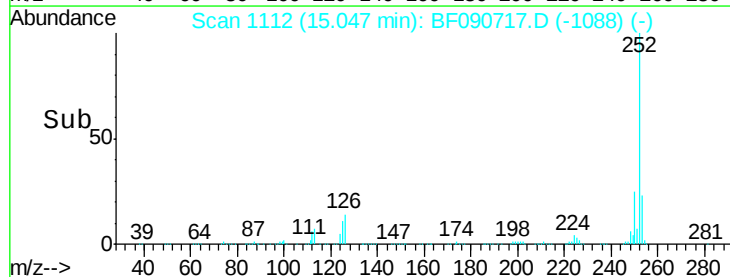
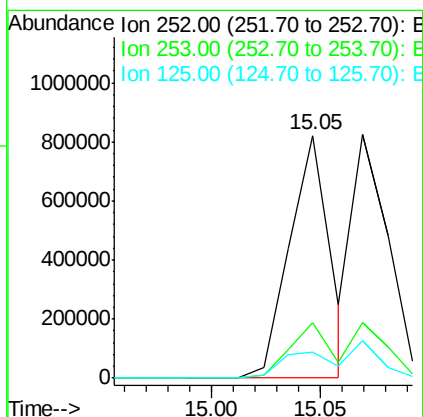
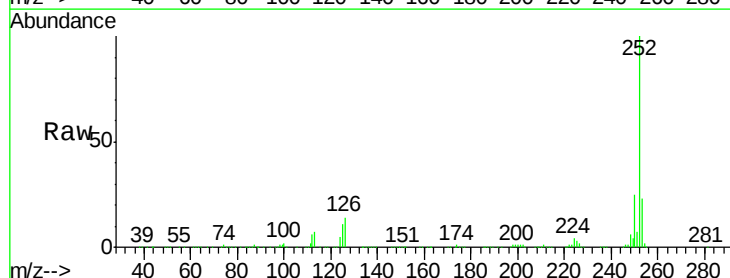
Instrument :
BNA_F
ClientSampleId :
ICVBF102116

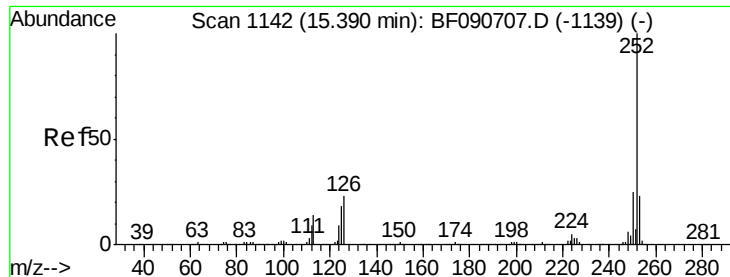
Tgt Ion:252 Resp: 1060341
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.9 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 44.36 ng
RT: 15.05 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

Tgt Ion:252 Resp: 1060341
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 10.9 16.0 24.0#

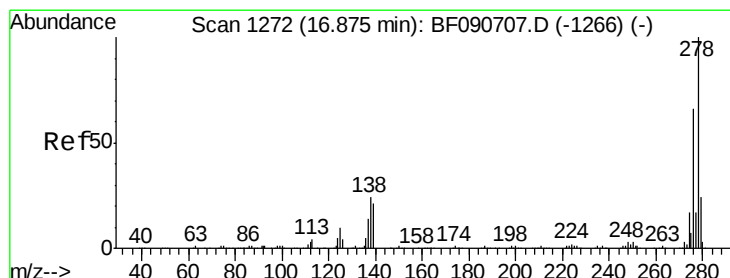
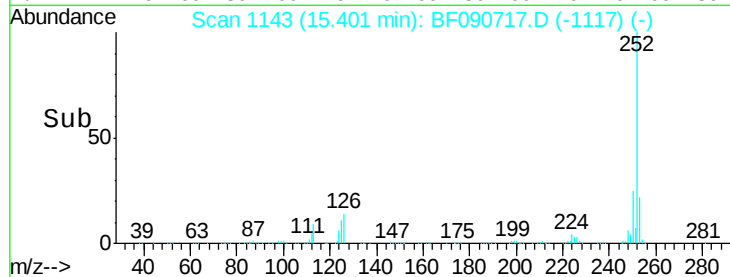
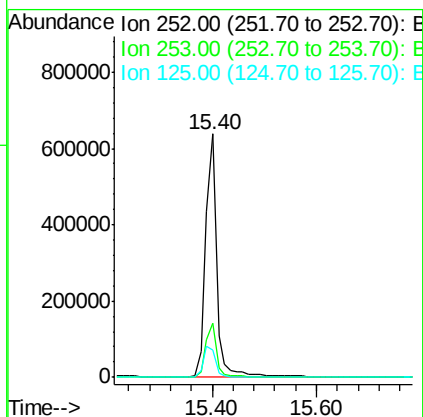
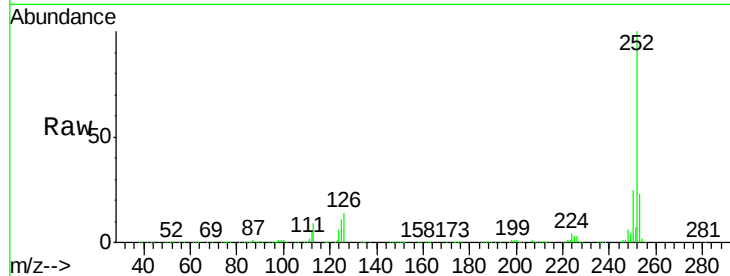




#89
Benzo(a)pyrene
Concen: 41.86 ng
RT: 15.40 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

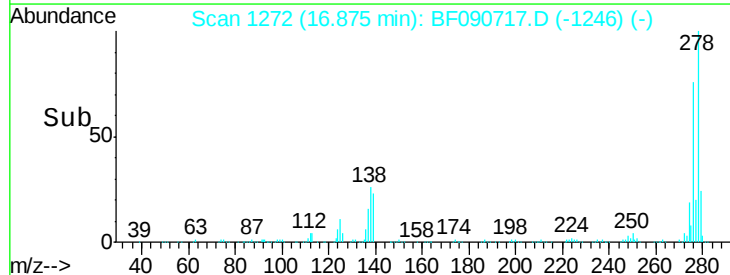
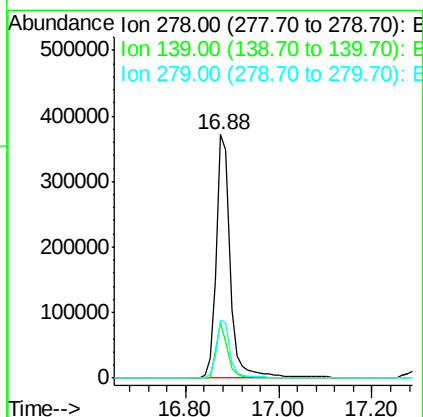
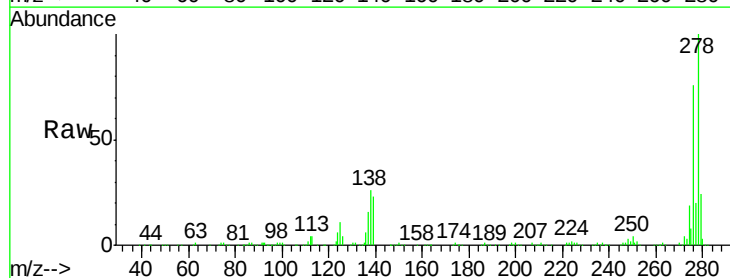
Instrument :
BNA_F
ClientSampleId :
ICVBF102116

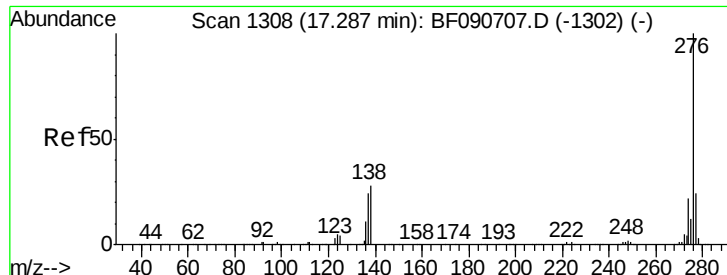
Tgt Ion: 252 Resp: 934065
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.3 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 36.37 ng
RT: 16.88 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF090717.D
Acq: 21 Oct 2016 17:34

Tgt Ion: 278 Resp: 779272
Ion Ratio Lower Upper
278 100
139 22.7 26.3 39.5#
279 24.0 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 34.33 ng

RT: 17.29 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF090717.D

Acq: 21 Oct 2016 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF102116

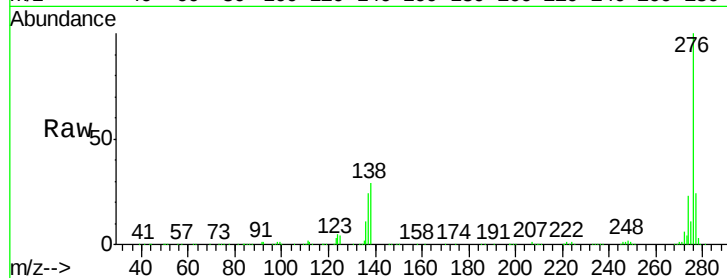
Tgt Ion: 276 Resp: 713494

Ion Ratio Lower Upper

276 100

277 24.2 17.8 26.6

138 28.6 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

