

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090668.D
 Acq On : 20 Oct 2016 00:41
 Operator : UM/SJ
 Sample : PB94179BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Quant Time: Oct 20 01:36:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	239736	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1086742	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	524490	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	794818	20.00	ng	0.00
75) Chrysene-d12	14.06	240	525504	20.00	ng	0.00
86) Perylene-d12	15.50	264	453444	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1675653	128.14	ng	0.01
7) Phenol-d6	6.53	99	2250836	115.83	ng	0.00
23) Nitrobenzene-d5	7.46	82	1485023	75.91	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	498903	106.69	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2292322	72.01	ng	-0.01
78) Terphenyl-d14	13.00	244	1816256	80.47	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	249355	33.46	ng	97
3) Pyridine	3.30	79	701562	42.00	ng	94
4) n-Nitrosodimethylamine	3.25	42	293943	48.99	ng	94
6) Aniline	6.57	93	136873	5.83	ng	# 87
8) 2-Chlorophenol	6.68	128	732886	43.22	ng	83
9) Benzaldehyde	6.43	77	152220	12.32	ng	91
10) Phenol	6.54	94	824650	37.11	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	737872	40.24	ng	95
12) 1,3-Dichlorobenzene	6.83	146	705158	41.70	ng	99
13) 1,4-Dichlorobenzene	6.91	146	711904	38.71	ng	99
14) 1,2-Dichlorobenzene	7.06	146	690094	40.14	ng	99
15) Benzyl Alcohol	7.03	79	615226	46.48	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1108961	42.98	ng	92
17) 2-Methylphenol	7.15	107	571763	43.27	ng	99
18) Hexachloroethane	7.40	117	275566	37.91	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	581148	43.62	ng	# 94
20) 3+4-Methylphenols	7.31	107	722354	45.09	ng	# 74
22) Acetophenone	7.30	105	965391	40.21	ng	# 93
24) Nitrobenzene	7.47	77	758152	37.76	ng	98
25) Isophorone	7.72	82	1471706	41.33	ng	# 91
26) 2-Nitrophenol	7.79	139	325772	35.77	ng	99
27) 2,4-Dimethylphenol	7.83	122	645119	42.68	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	883265	42.01	ng	99
29) 2,4-Dichlorophenol	8.04	162	549022	41.47	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	592895	38.23	ng	99
31) Naphthalene	8.20	128	2057318	37.16	ng	99
32) Benzoic acid	7.95	122	209173	22.53	ng	97
33) 4-Chloroaniline	8.28	127	83655	3.95	ng	# 92
34) Hexachlorobutadiene	8.31	225	316272	36.51	ng	100
35) Caprolactam	8.62	113	120510	32.62	ng	98
36) 4-Chloro-3-methylphenol	8.74	107	605746	39.65	ng	# 83
37) 2-Methylnaphthalene	8.89	142	1191928	36.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	595061	42.79	ng	99
40) Hexachlorocyclopentadiene	9.05	237	375931	55.34	ng	99

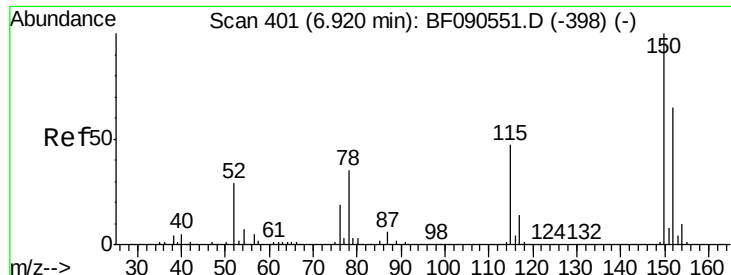
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090668.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	374704	47.77	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	375348	40.11	ng	# 89
45) 1,1'-Biphenyl	9.35	154	1529949	38.33	ng	99
46) 2-Chloronaphthalene	9.38	162	1157432	38.89	ng	99
47) 2-Nitroaniline	9.48	65	427177	39.59	ng	94
48) Acenaphthylene	9.80	152	1853158	39.11	ng	99
49) Dimethylphthalate	9.66	163	1440310	42.33	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	310673	41.72	ng	# 84
51) Acenaphthene	9.97	154	1199651	38.09	ng	99
52) 3-Nitroaniline	9.89	138	108739	11.64	ng	99
53) 2,4-Dinitrophenol	9.99	184	54730	18.25	ng	88
54) Dibenzofuran	10.14	168	1679876	40.54	ng	100
55) 4-Nitrophenol	10.06	139	375759	66.82	ng	# 82
56) 2,4-Dinitrotoluene	10.12	165	369043	36.49	ng	# 80
57) Fluorene	10.49	166	1350853	39.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	278306	35.71	ng	96
59) Diethylphthalate	10.36	149	1499122	43.44	ng	# 95
60) 4-Chlorophenyl-phenylether	10.47	204	648742	40.27	ng	99
61) 4-Nitroaniline	10.51	138	235798	25.17	ng	94
62) Azobenzene	10.63	77	1657419	41.52	ng	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	49615	10.31	ng	88
65) n-Nitrosodiphenylamine	10.60	169	1058668	40.32	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	358634	42.05	ng	99
67) Hexachlorobenzene	11.03	284	400511	43.25	ng	# 65
68) Atrazine	11.13	200	277744	38.25	ng	92
69) Pentachlorophenol	11.23	266	342711	74.68	ng	98
70) Phenanthrene	11.45	178	1728732	40.74	ng	99
71) Anthracene	11.49	178	1665981	36.48	ng	99
72) Carbazole	11.65	167	1496761	36.62	ng	99
73) Di-n-butylphthalate	11.98	149	2093796	43.72	ng	99
74) Fluoranthene	12.64	202	1481649	34.72	ng	98
76) Benzidine	12.76	184	76823	5.88	ng	98
77) Pyrene	12.86	202	1415049	40.66	ng	99
79) Butylbenzylphthalate	13.48	149	596773	38.70	ng	93
80) Benzo(a)anthracene	14.05	228	1170179	39.12	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	146787	14.36	ng	# 94
82) Chrysene	14.09	228	1266276	43.93	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	1022448	49.15	ng	99
84) Di-n-octyl phthalate	14.65	149	1489994	53.42	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.94	276	1122550	67.35	ng	99
87) Benzo(b)fluoranthene	15.09	252	1140088	38.42	ng	# 96
88) Benzo(k)fluoranthene	15.09	252	1140088	35.71	ng	98
89) Benzo(a)pyrene	15.45	252	1043730	38.42	ng	99
90) Dibenzo(a,h)anthracene	16.97	278	971935	46.92	ng	# 95
91) Benzo(g,h,i)perylene	17.38	276	857389	43.40	ng	98

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

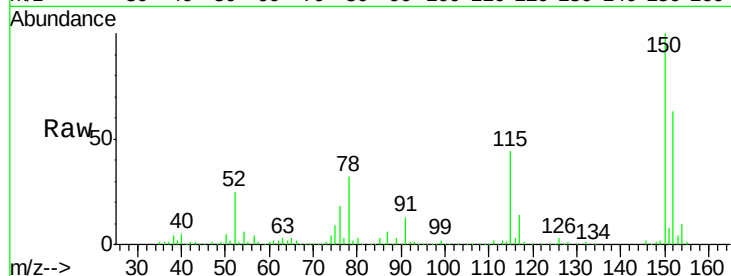


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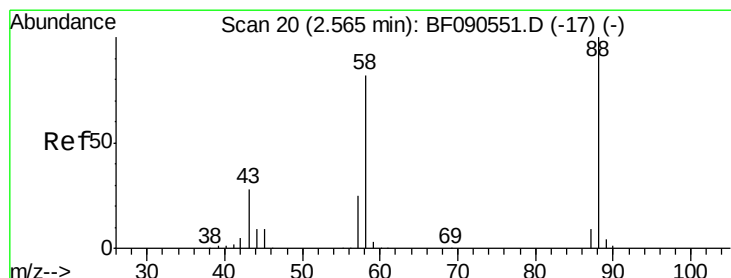
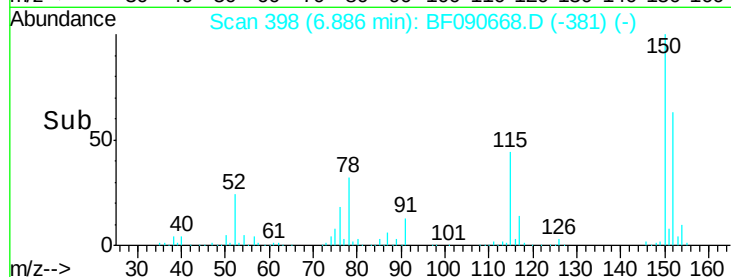
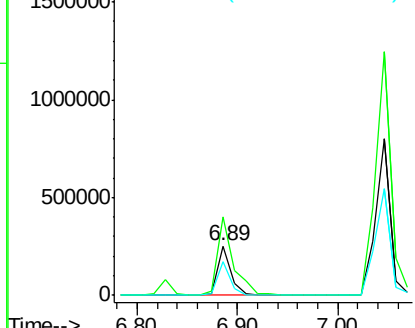
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tgt Ion:152 Resp: 239736
Ion Ratio Lower Upper
152 100
150 157.6 127.2 190.8
115 68.7 58.6 88.0



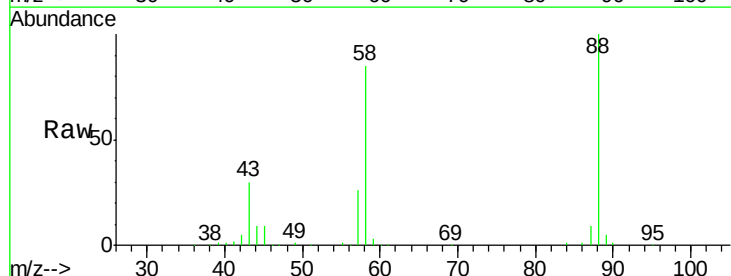
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



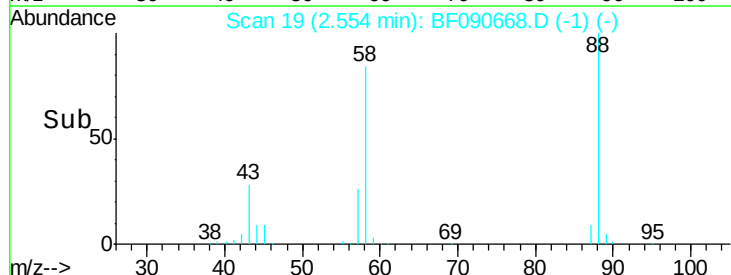
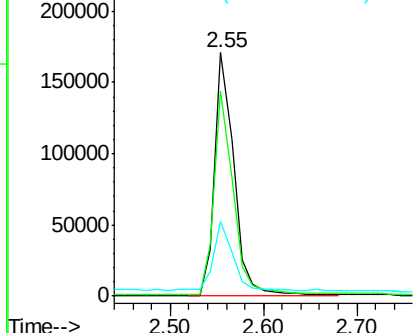
#2

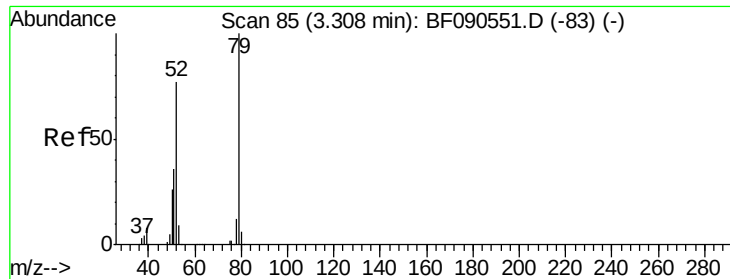
1,4-Dioxane
Concen: 33.46 ng
RT: 2.55 min Scan# 19
Delta R.T. 0.03 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion: 88 Resp: 249355
Ion Ratio Lower Upper
88 100
58 80.9 67.2 100.8
43 29.0 24.1 36.1



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: 42.00 ng

RT: 3.30 min Scan# 84

Delta R.T. 0.05 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

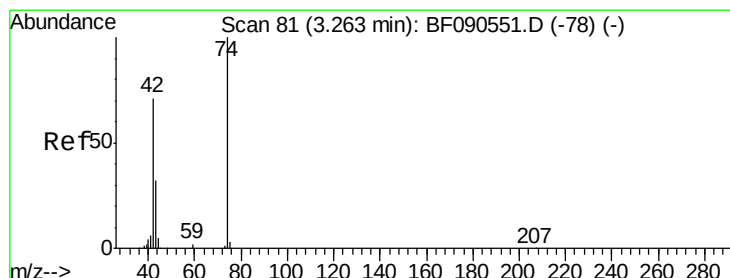
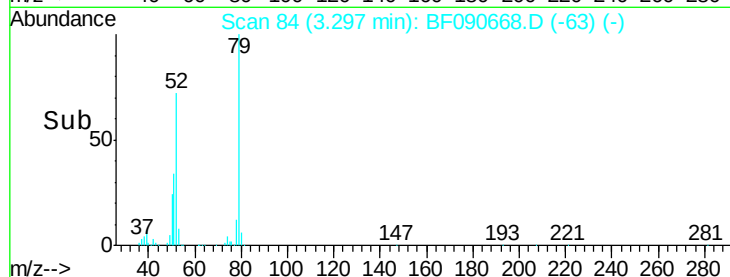
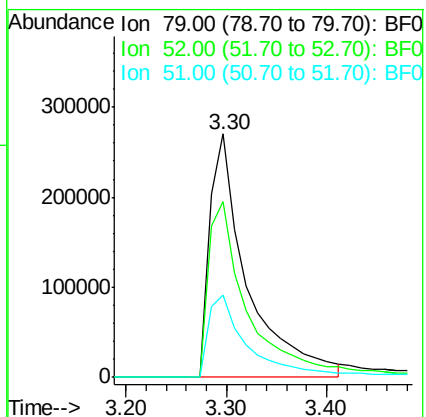
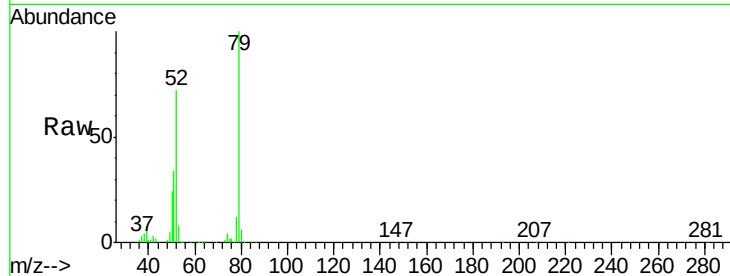
Tgt Ion: 79 Resp: 701562

Ion Ratio Lower Upper

79 100

52 72.0 61.8 92.8

51 34.0 29.2 43.8



#4

n-Nitrosodimethylamine

Concen: 48.99 ng

RT: 3.25 min Scan# 80

Delta R.T. 0.03 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

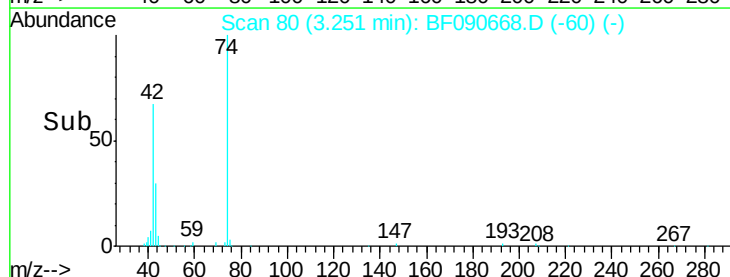
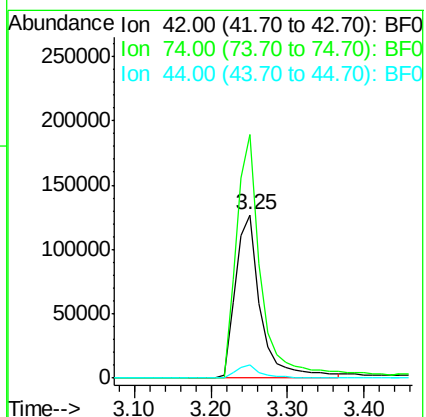
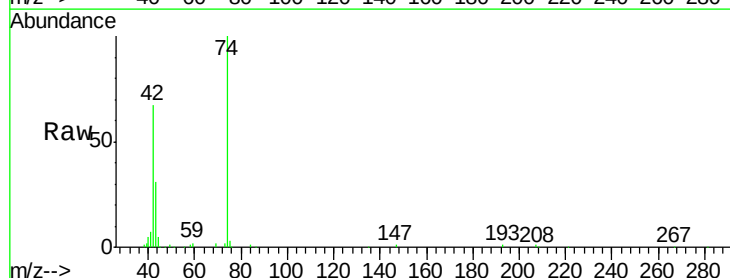
Tgt Ion: 42 Resp: 293943

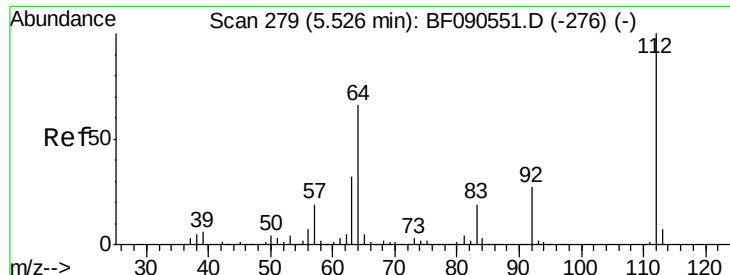
Ion Ratio Lower Upper

42 100

74 149.0 113.3 169.9

44 7.7 6.0 9.0





#5

2-Fluorophenol

Concen: 128.14 ng

RT: 5.50 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

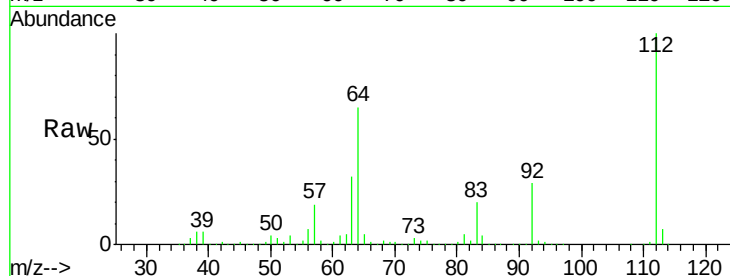
Tgt Ion: 112 Resp: 1675653

Ion Ratio Lower Upper

112 100

64 65.0 52.6 78.8

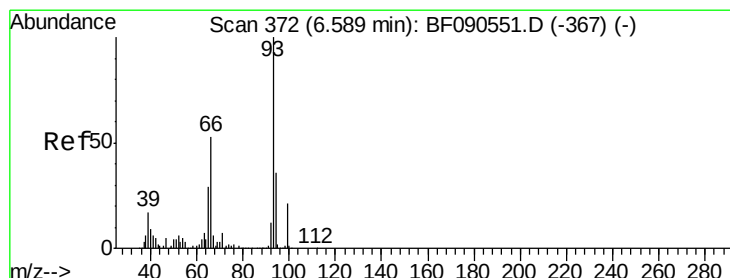
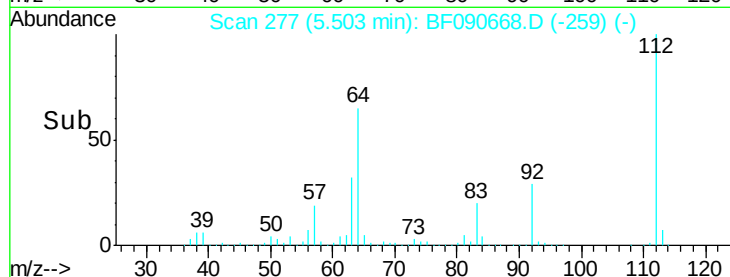
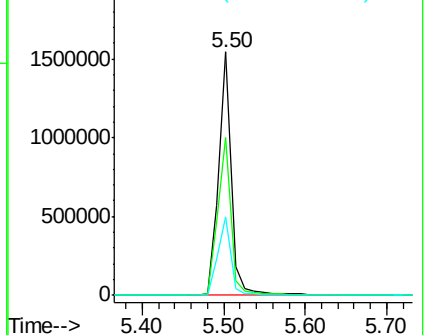
63 32.4 26.0 39.0



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: 5.83 ng

RT: 6.57 min Scan# 370

Delta R.T. 0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

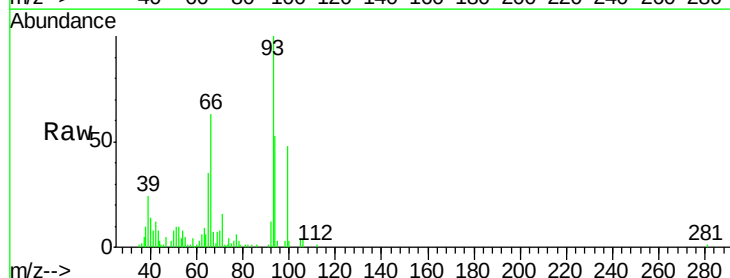
Tgt Ion: 93 Resp: 136873

Ion Ratio Lower Upper

93 100

66 62.7 42.2 63.2

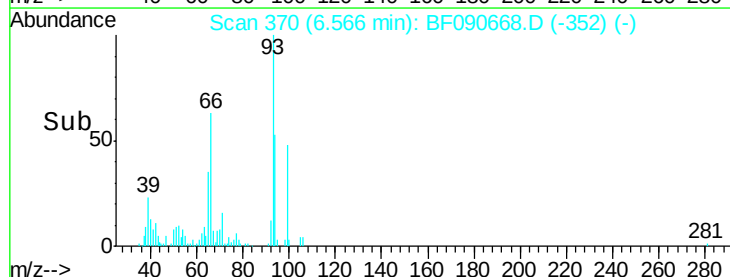
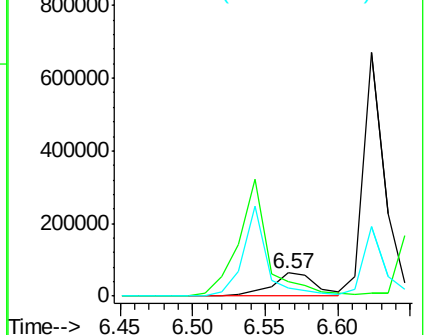
65 35.1 22.9 34.3#

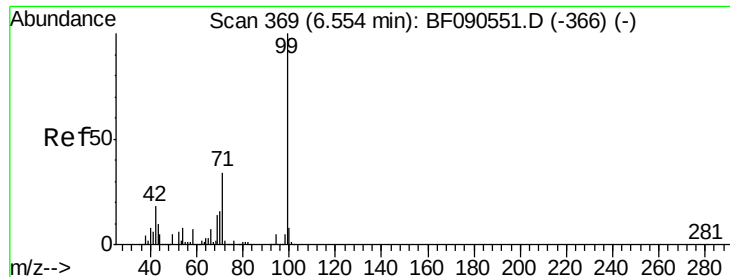


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.83 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

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ClientSampleId :

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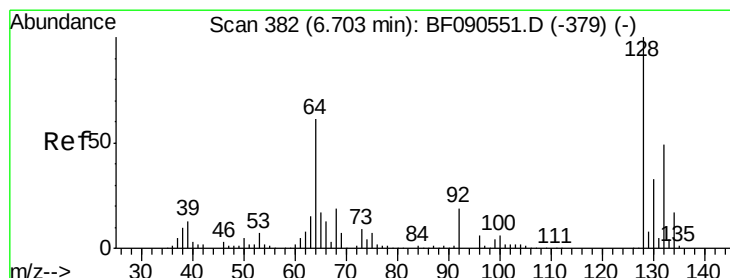
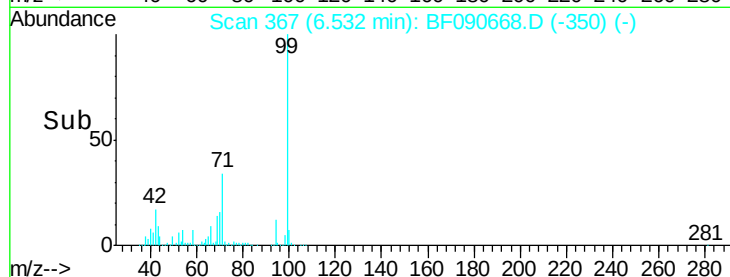
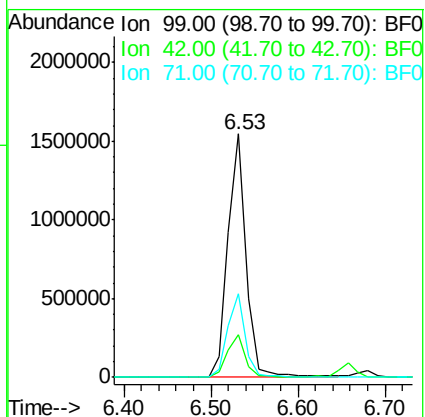
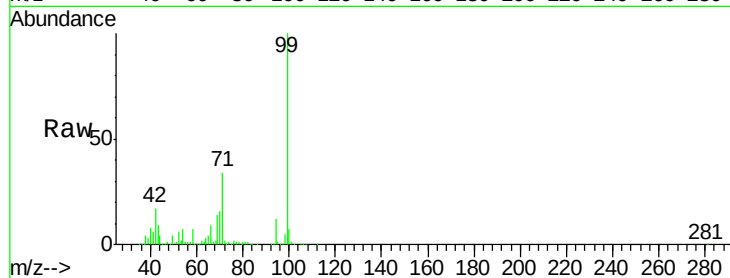
Tgt Ion: 99 Resp: 2250836

Ion Ratio Lower Upper

99 100

42 17.4 14.7 22.1

71 34.2 27.6 41.4



#8

2-Chlorophenol

Concen: 43.22 ng

RT: 6.68 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

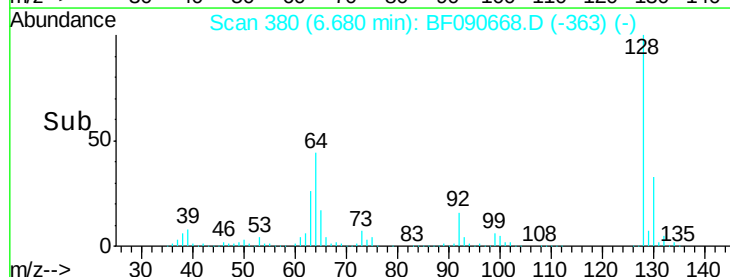
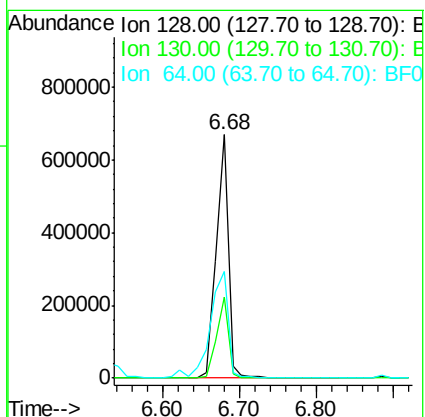
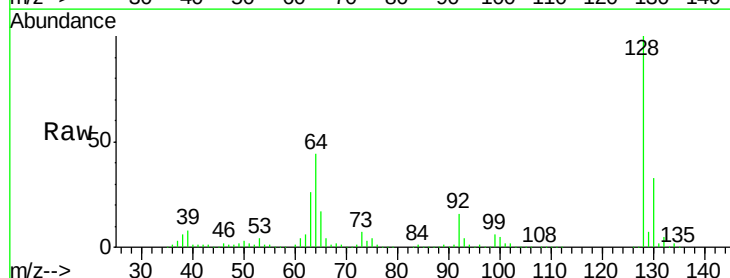
Tgt Ion: 128 Resp: 732886

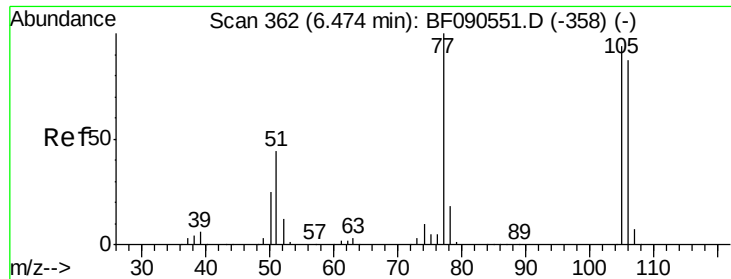
Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

64 43.7 42.6 82.6





#9

Benzaldehyde

Concen: 12.32 ng

RT: 6.43 min Scan# 358

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

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PB94179BS

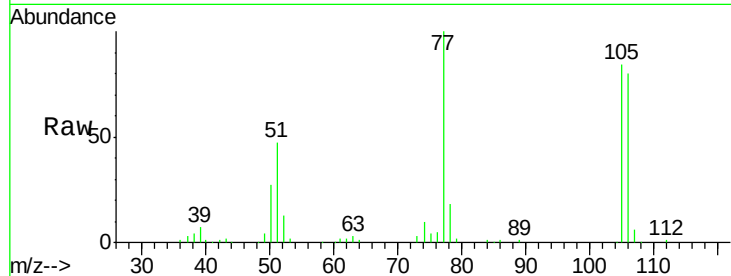
Tgt Ion: 77 Resp: 152220

Ion Ratio Lower Upper

77 100

105 84.0 74.3 114.3

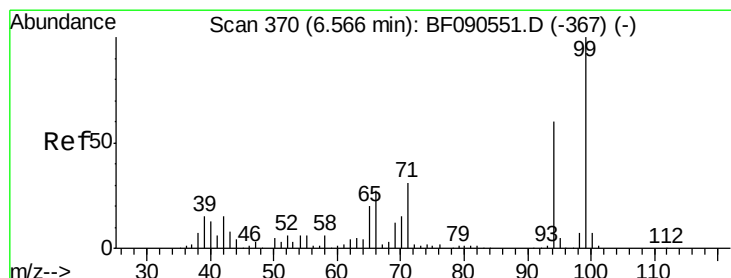
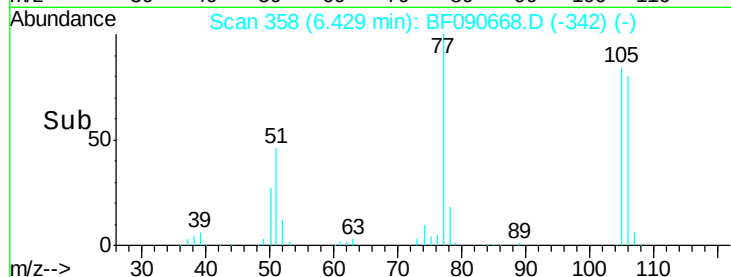
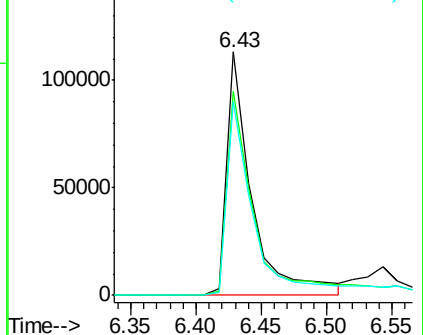
106 79.6 67.2 107.2



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: 37.11 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

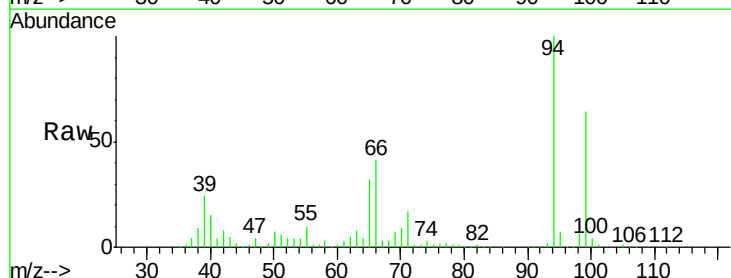
Tgt Ion: 94 Resp: 824650

Ion Ratio Lower Upper

94 100

65 31.7 12.5 52.5

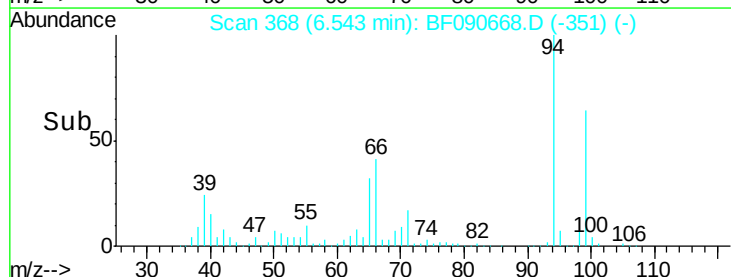
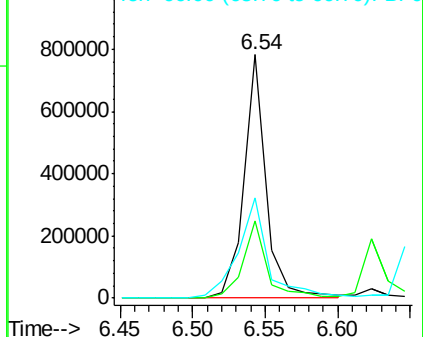
66 41.3 25.5 65.5

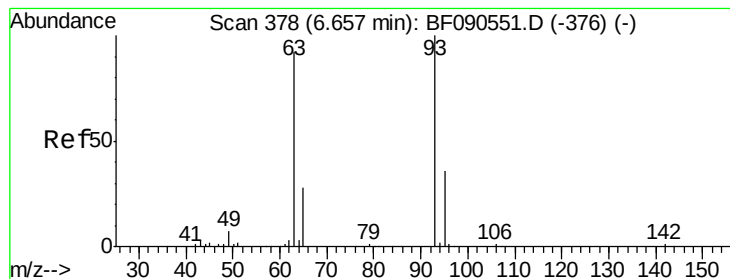


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.24 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

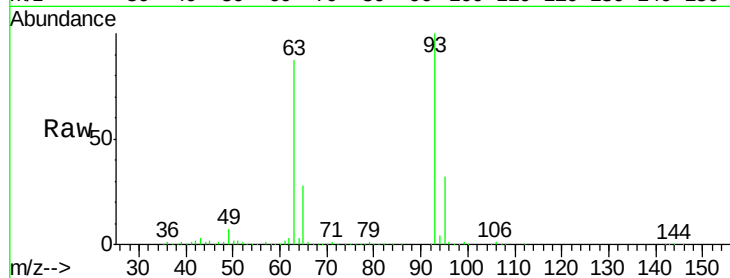
Tgt Ion: 93 Resp: 737872

Ion Ratio Lower Upper

93 100

63 87.4 61.6 101.6

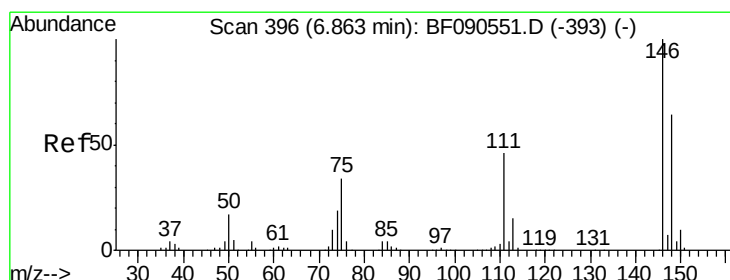
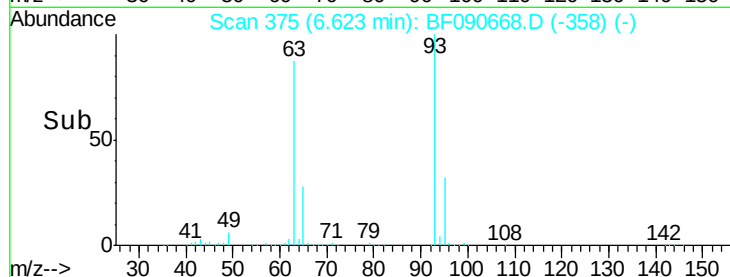
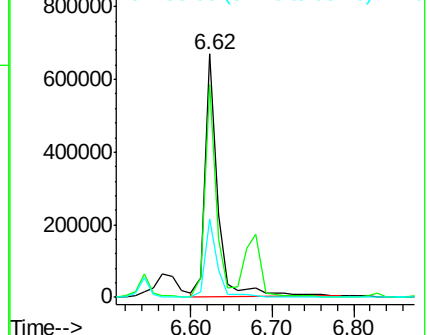
95 32.4 11.8 51.8



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: 41.70 ng

RT: 6.83 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

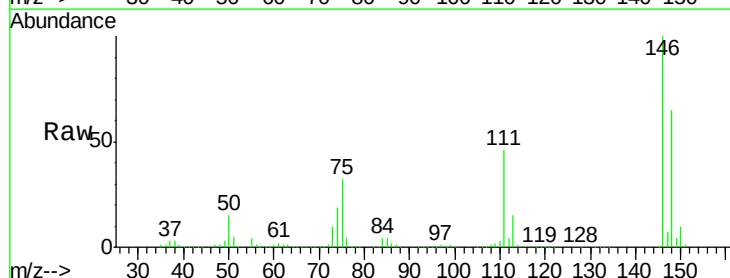
Tgt Ion: 146 Resp: 705158

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

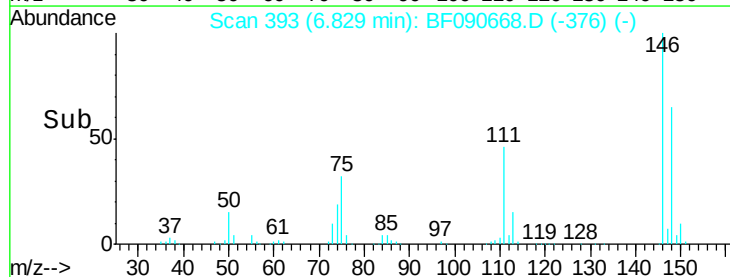
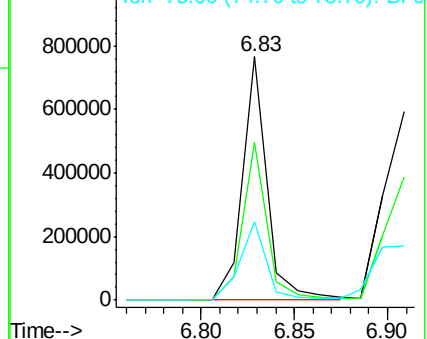
75 32.4 27.0 40.6

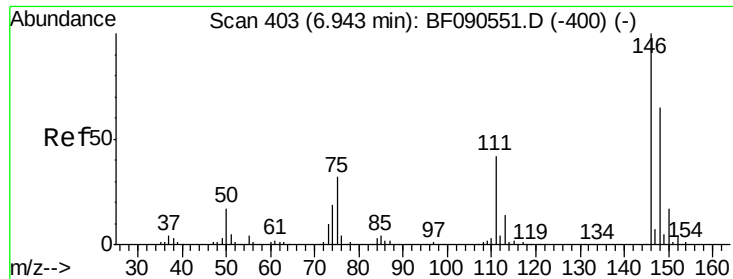


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

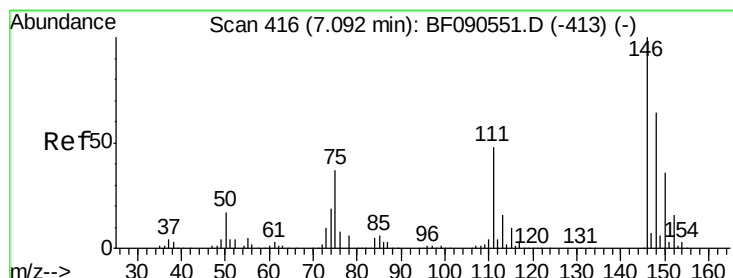
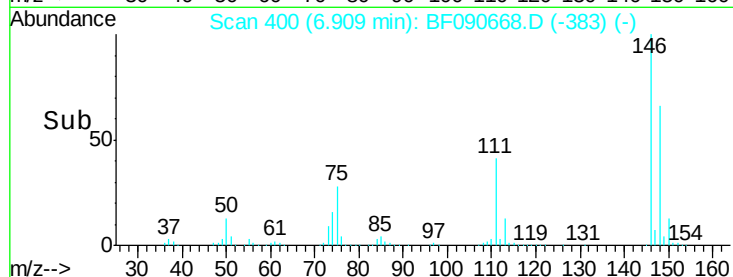
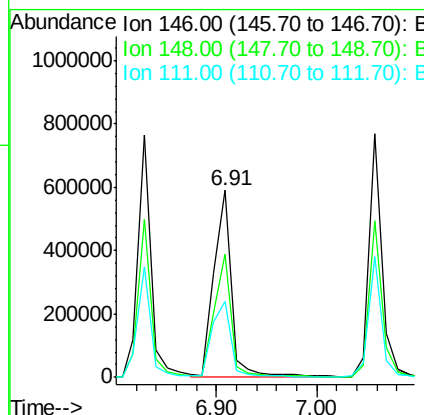
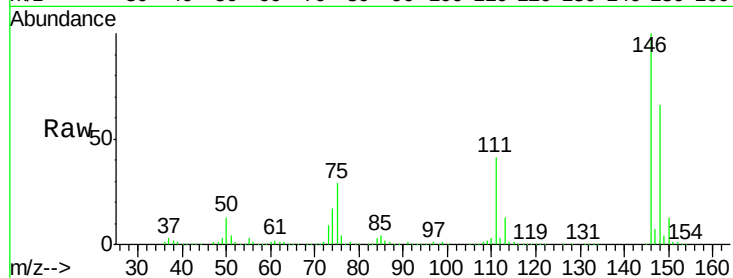




#13
 1,4-Dichlorobenzene
 Concen: 38.71 ng
 RT: 6.91 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

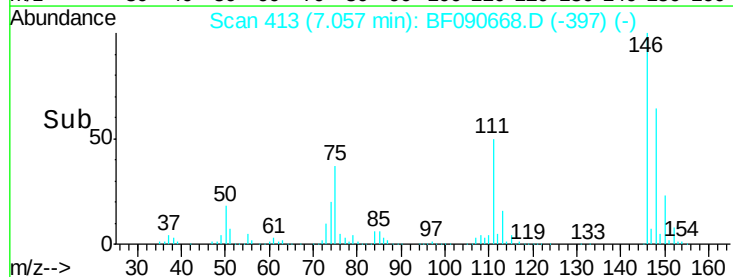
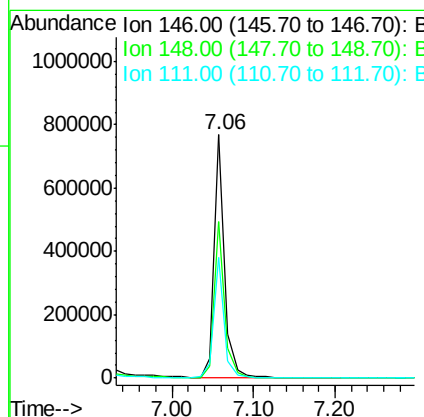
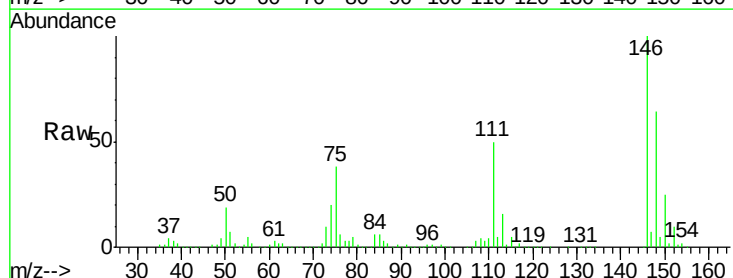
Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

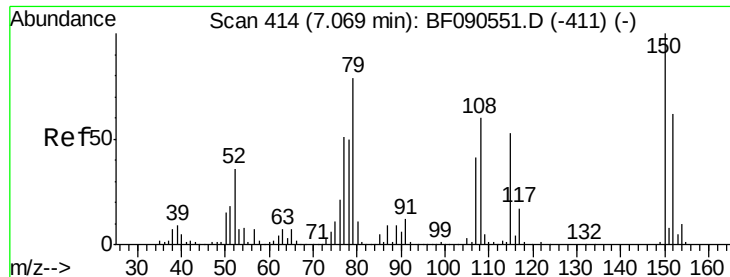
Tgt Ion:146 Resp: 711904
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 111 40.5 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 40.14 ng
 RT: 7.06 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion:146 Resp: 690094
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.2 76.8
 111 49.7 38.2 57.2

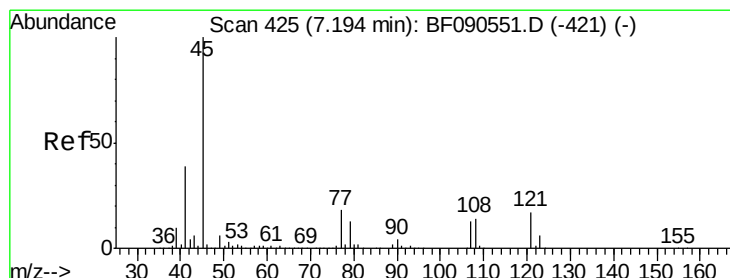
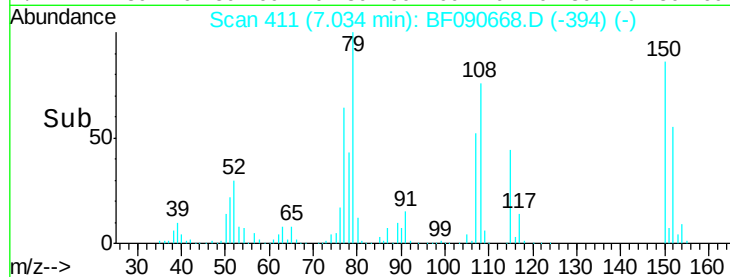
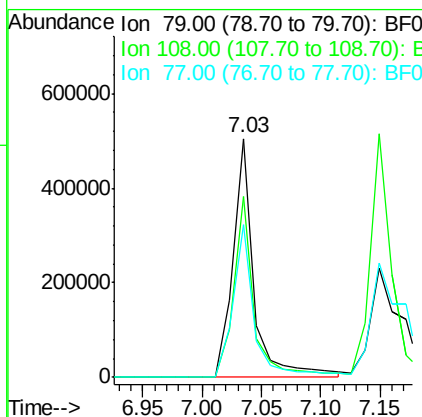
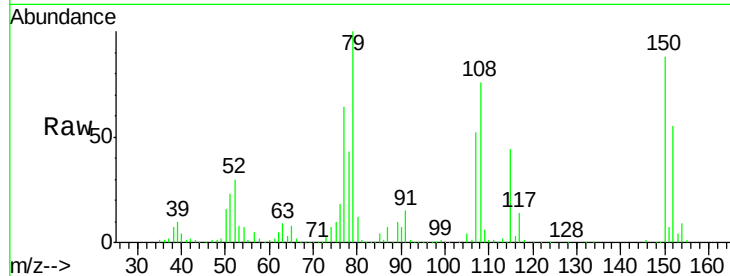




#15
Benzyl Alcohol
Concen: 46.48 ng
RT: 7.03 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

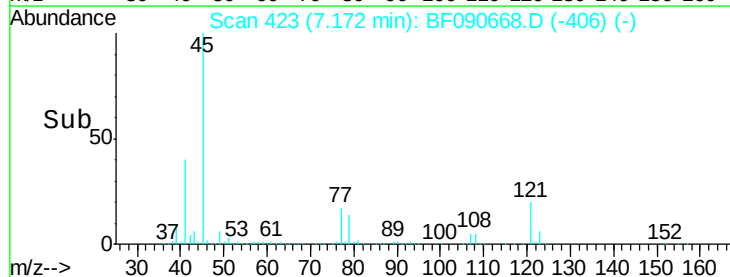
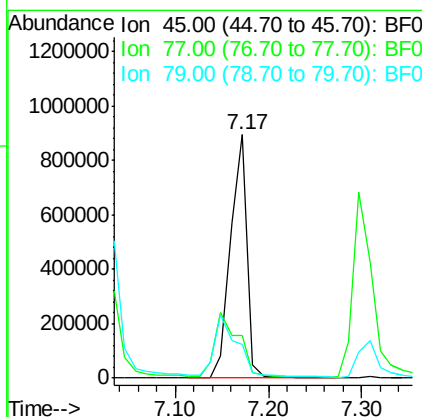
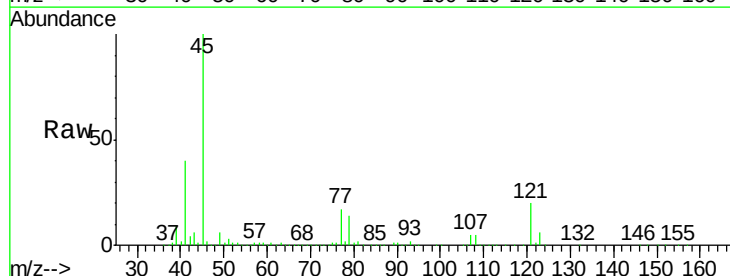
Instrument :
BNA_F
ClientSampleId :
PB94179BS

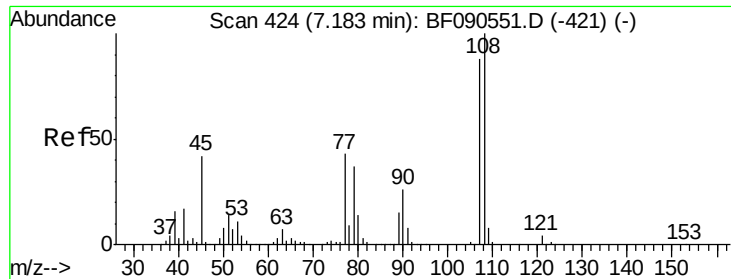
Tgt Ion: 79 Resp: 615226
Ion Ratio Lower Upper
79 100
108 76.0 60.2 90.4
77 64.0 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.98 ng
RT: 7.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion: 45 Resp: 1108961
Ion Ratio Lower Upper
45 100
77 17.3 0.9 40.9
79 13.8 0.0 37.3

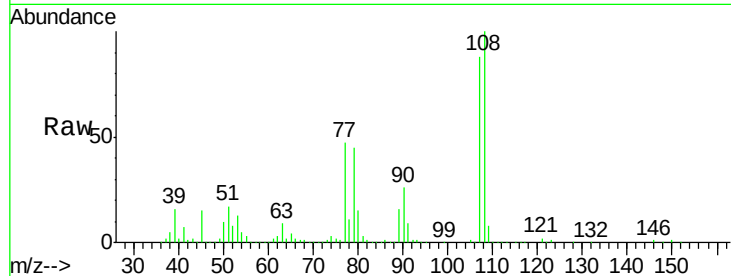




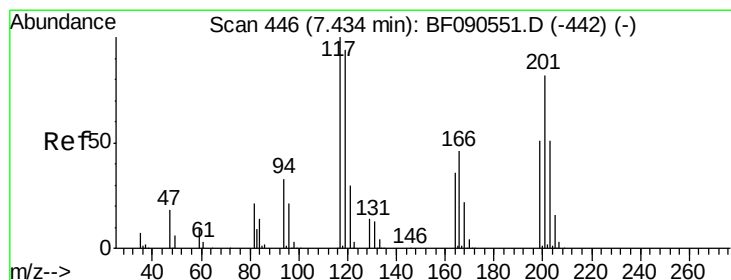
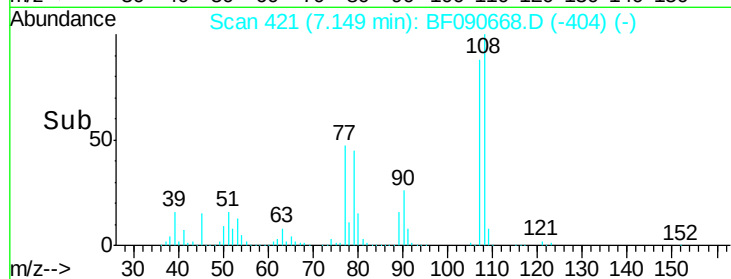
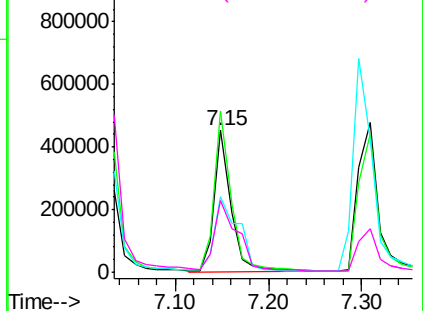
#17
2-Methylphenol
Concen: 43.27 ng
RT: 7.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tgt Ion:	107	Resp:	571763
Ion	Ratio	Lower	Upper
107	100		
108	113.9	92.6	138.8
77	53.4	42.2	63.2
79	50.8	40.7	61.1

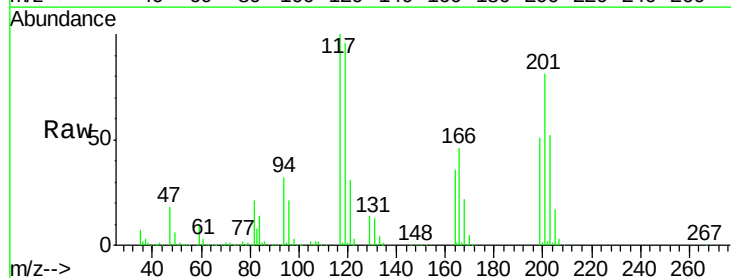


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

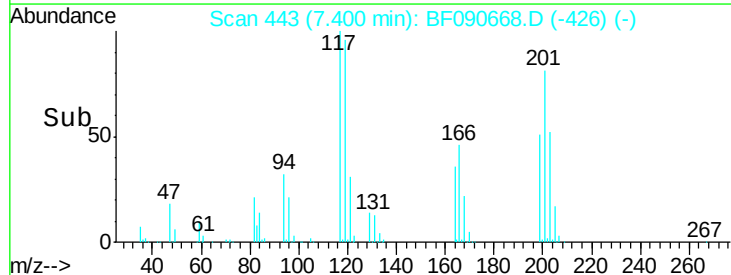
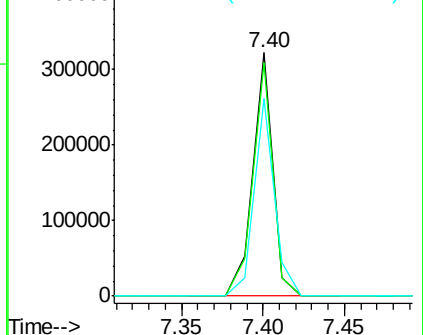


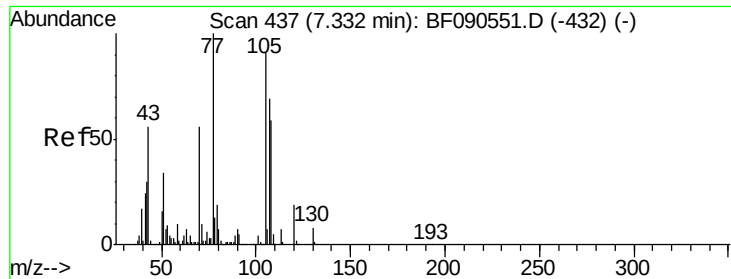
#18
Hexachloroethane
Concen: 37.91 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion:	117	Resp:	275566
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.6	113.4
201	80.9	65.4	98.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

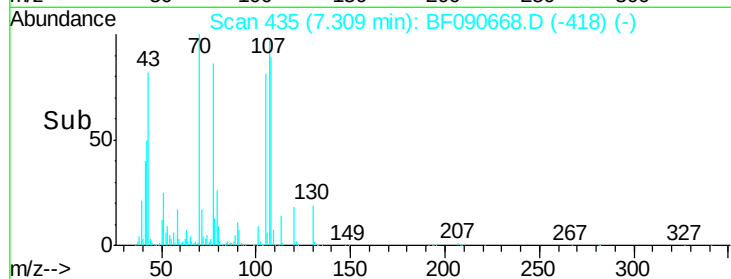
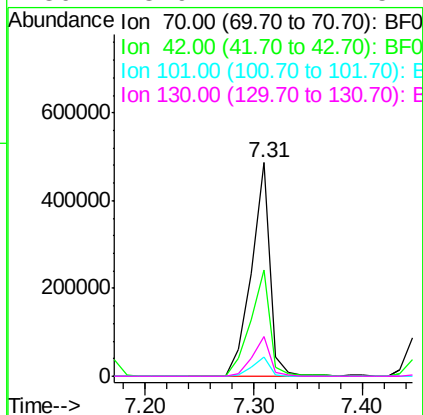
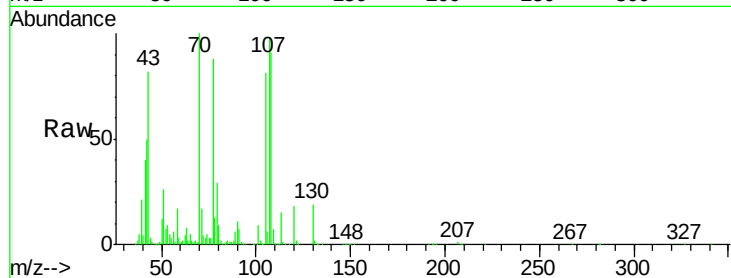




#19
n-Nitroso-di-n-propylamine
Concen: 43.62 ng
RT: 7.31 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

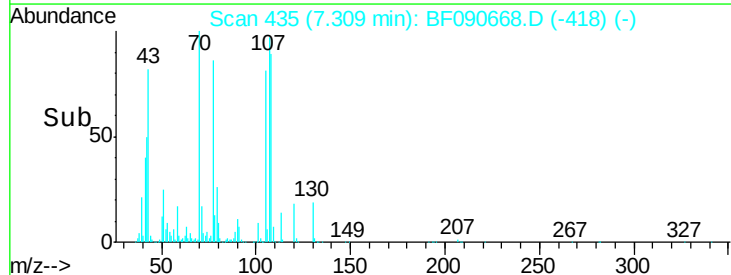
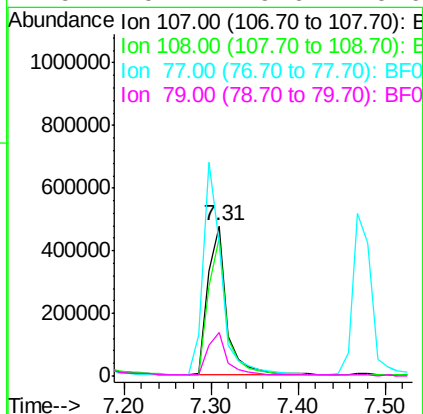
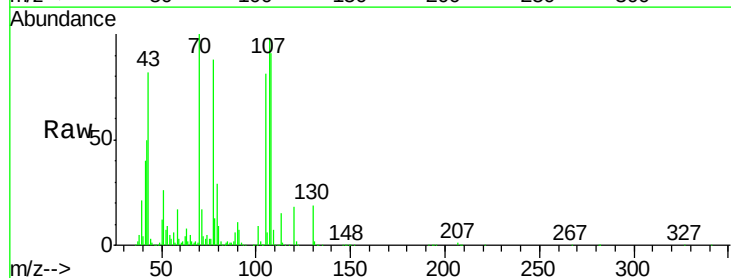
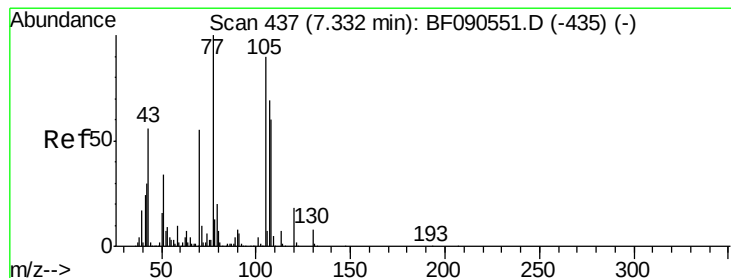
Instrument :
BNA_F
ClientSampleId :
PB94179BS

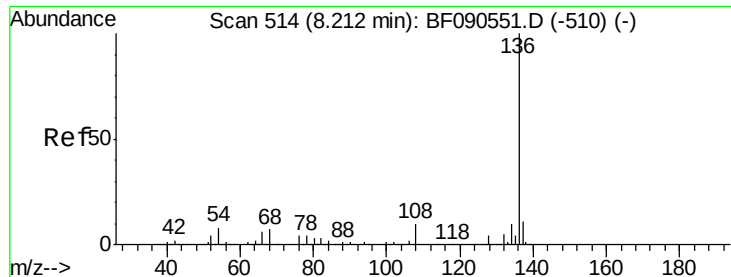
Tgt Ion: 70 Resp: 581148
Ion Ratio Lower Upper
70 100
42 49.8 43.4 65.0
101 8.8 6.4 9.6
130 18.9 12.1 18.1#



#20
3+4-Methylphenols
Concen: 45.09 ng
RT: 7.31 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion: 107 Resp: 722354
Ion Ratio Lower Upper
107 100
108 92.6 67.7 107.7
77 89.0 123.1 163.1#
79 29.2 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

Tgt Ion:136 Resp: 1086742

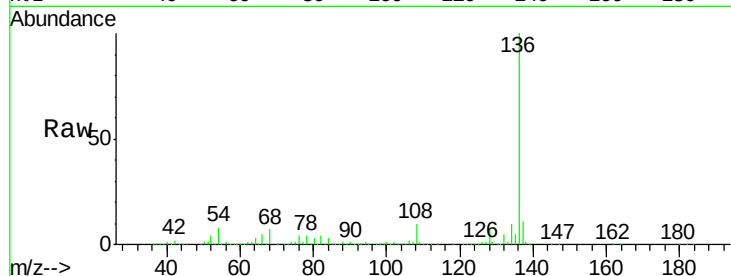
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.9 6.8 10.2

68 7.2 6.0 9.0

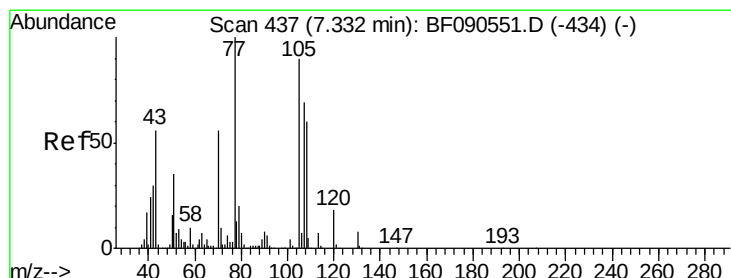
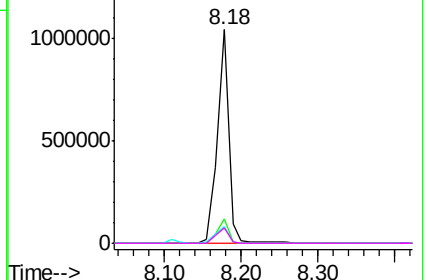
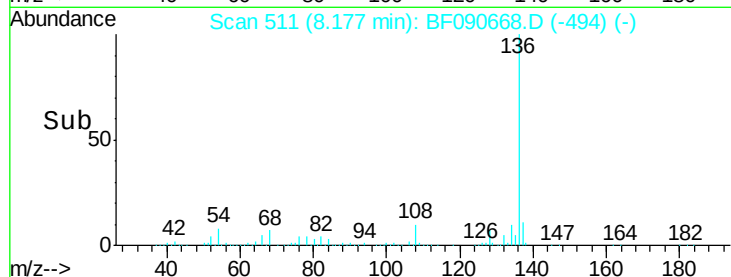


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.21 ng

RT: 7.30 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Tgt Ion:105 Resp: 965391

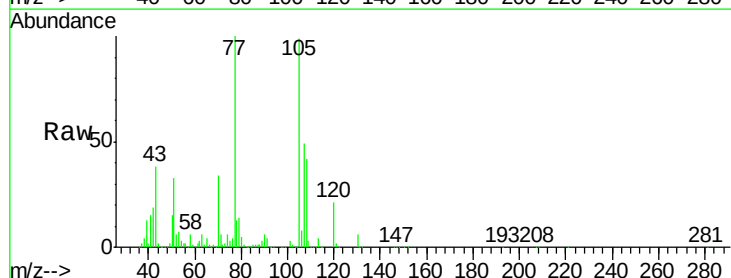
Ion Ratio Lower Upper

105 100

71 5.9 8.5 12.7#

51 33.4 31.0 46.4

120 21.0 16.2 24.4

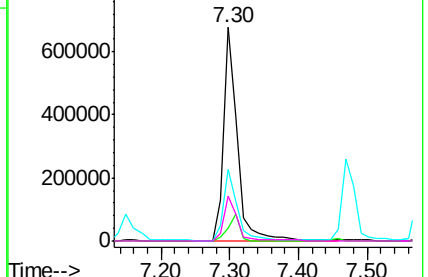
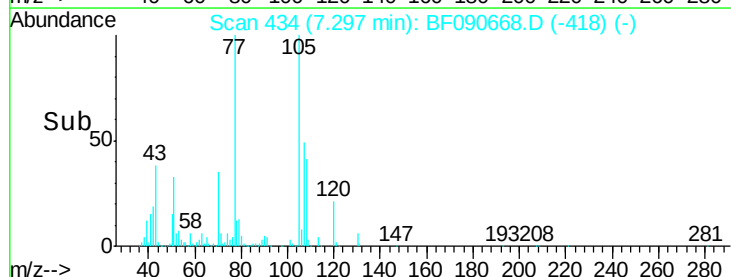


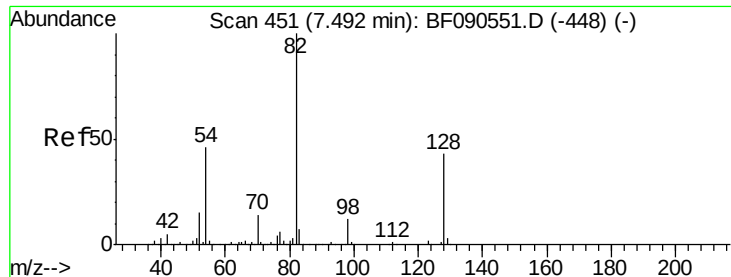
Abundance Ion 105.00 (104.70 to 105.70): E

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

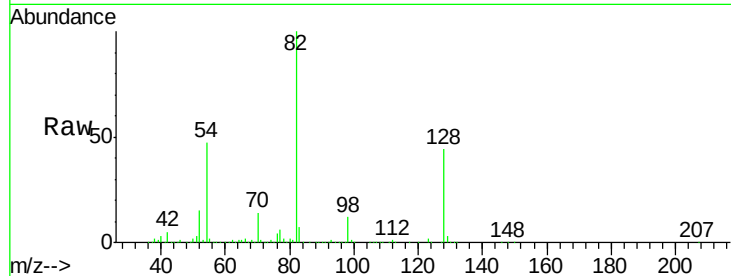




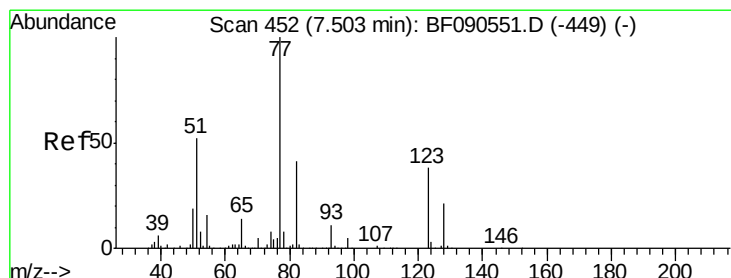
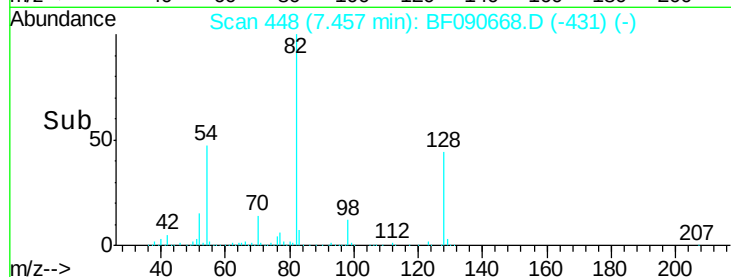
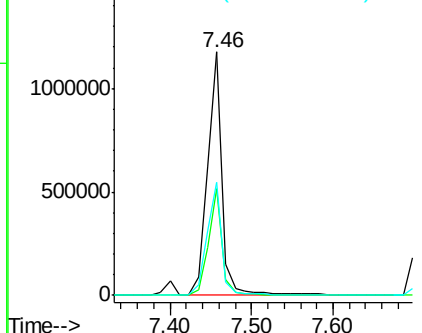
#23
 Nitrobenzene-d5
 Concen: 75.91 ng
 RT: 7.46 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tgt Ion: 82 Resp: 1485023
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.3 51.5
 54 46.6 37.0 55.6

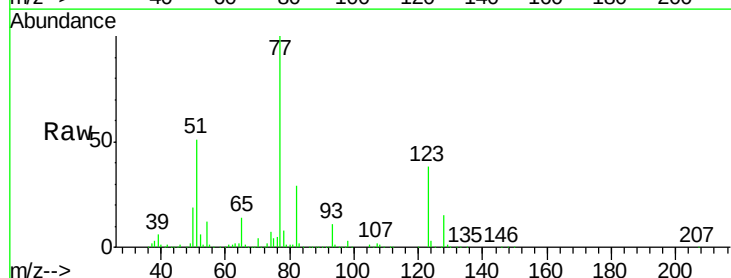


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

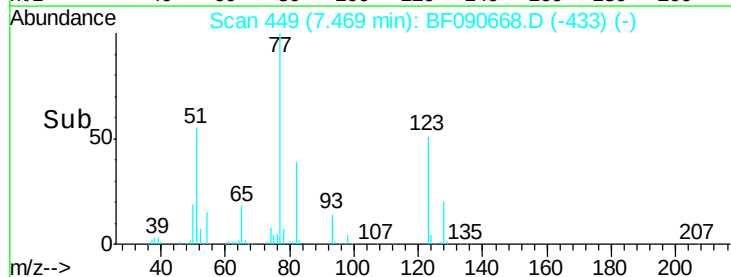
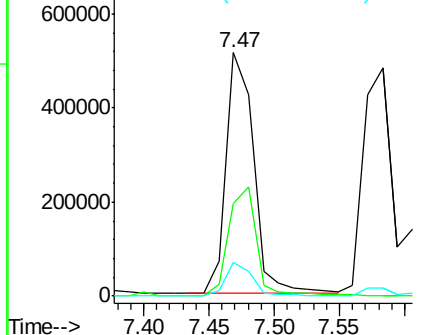


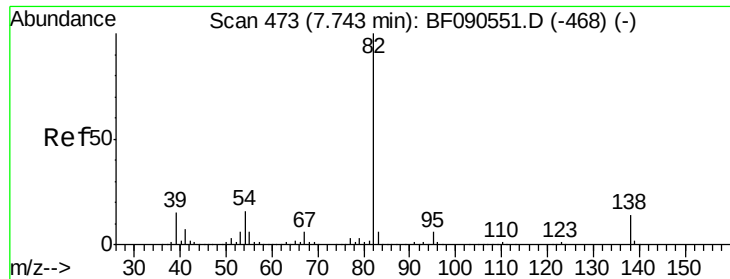
#24
 Nitrobenzene
 Concen: 37.76 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion: 77 Resp: 758152
 Ion Ratio Lower Upper
 77 100
 123 38.2 29.8 44.6
 65 14.0 10.9 16.3



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: 41.33 ng

RT: 7.72 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

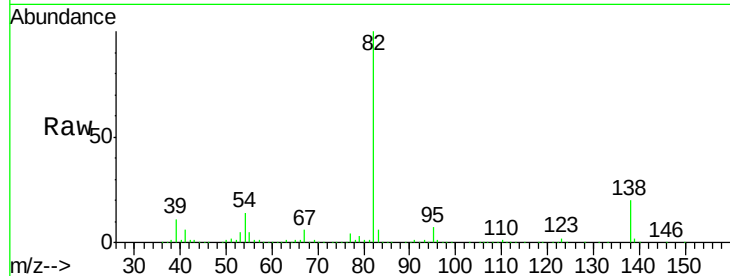
Tgt Ion: 82 Resp: 1471706

Ion Ratio Lower Upper

82 100

95 6.9 5.0 7.6

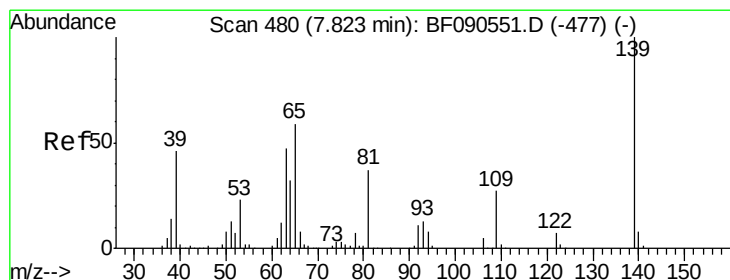
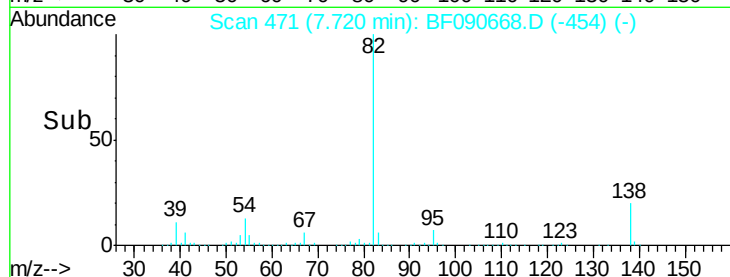
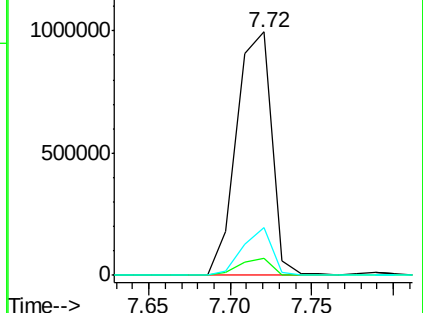
138 19.6 11.5 17.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.77 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

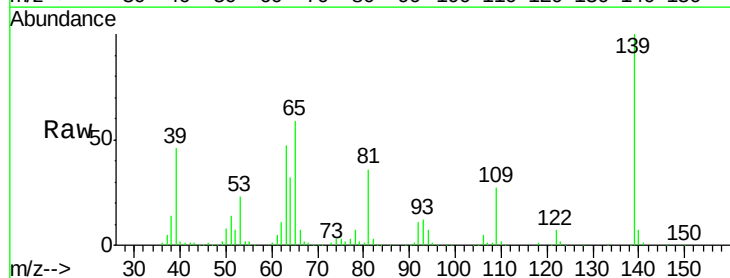
Tgt Ion: 139 Resp: 325772

Ion Ratio Lower Upper

139 100

109 26.9 21.8 32.6

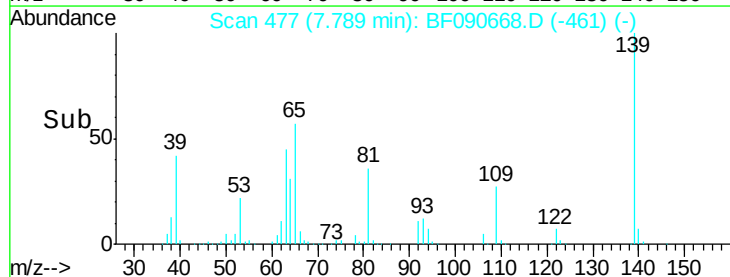
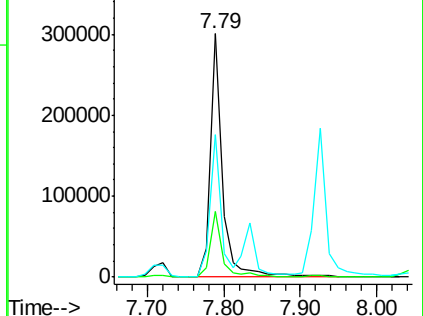
65 58.6 47.7 71.5

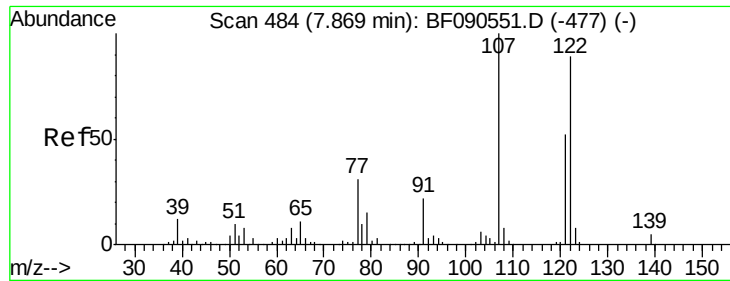


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

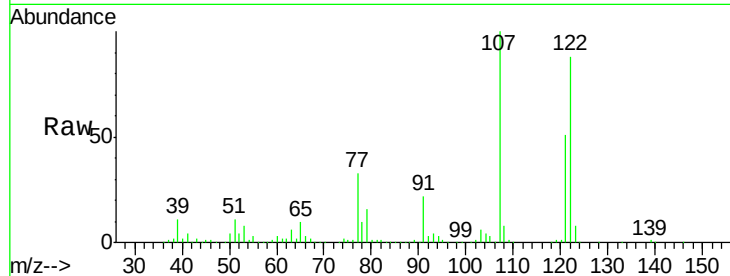




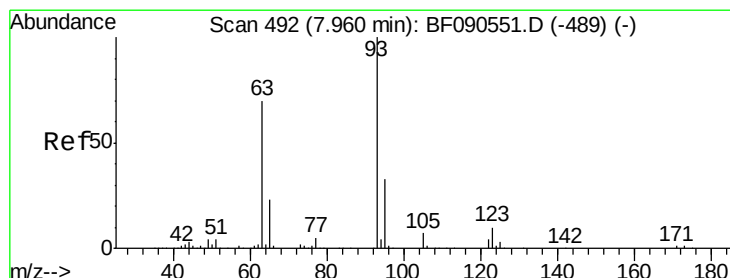
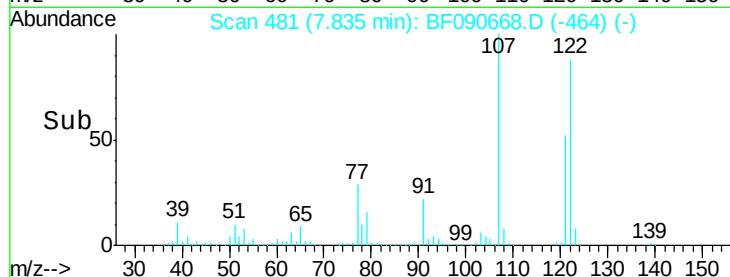
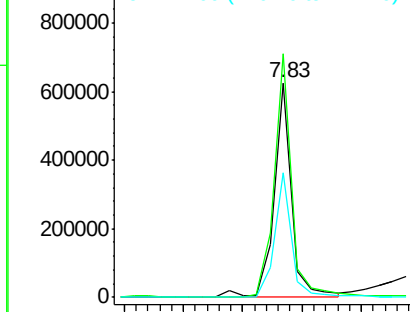
#27
 2,4-Dimethylphenol
 Concen: 42.68 ng
 RT: 7.83 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tgt Ion:122 Resp: 645119
 Ion Ratio Lower Upper
 122 100
 107 113.4 89.8 134.6
 121 58.3 46.1 69.1

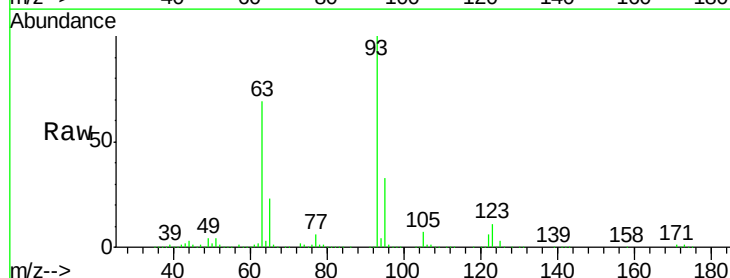


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

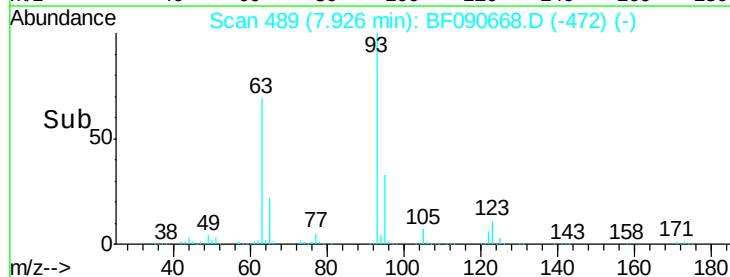
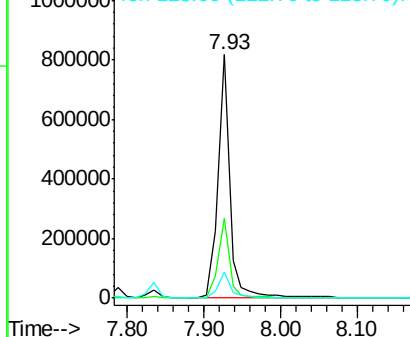


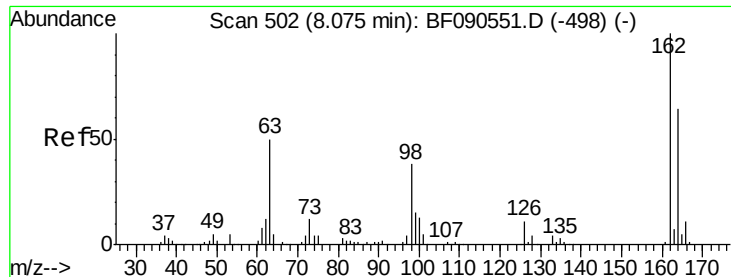
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.01 ng
 RT: 7.93 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion: 93 Resp: 883265
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.2 39.2
 123 10.9 8.6 13.0



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

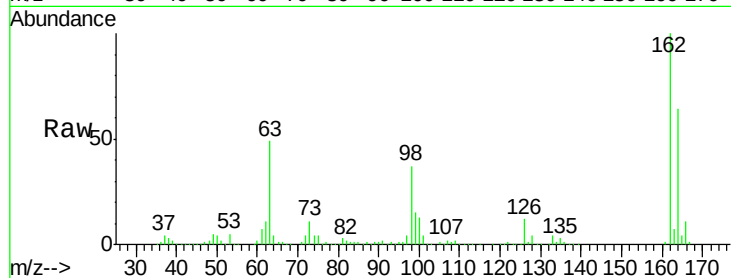




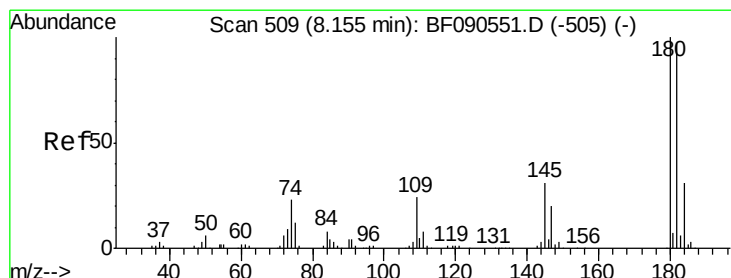
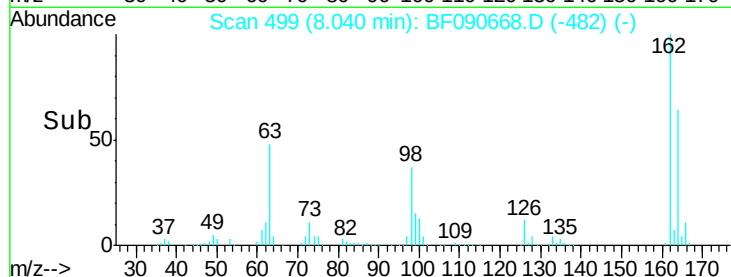
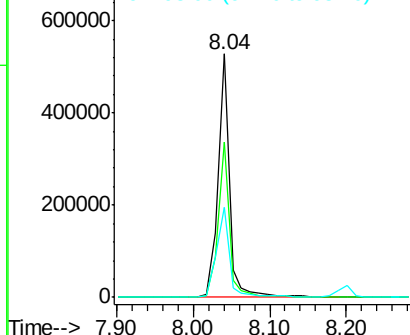
#29
2,4-Dichlorophenol
Concen: 41.47 ng
RT: 8.04 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tgt Ion:162 Resp: 549022
Ion Ratio Lower Upper
162 100
164 63.9 44.0 84.0
98 37.1 18.0 58.0

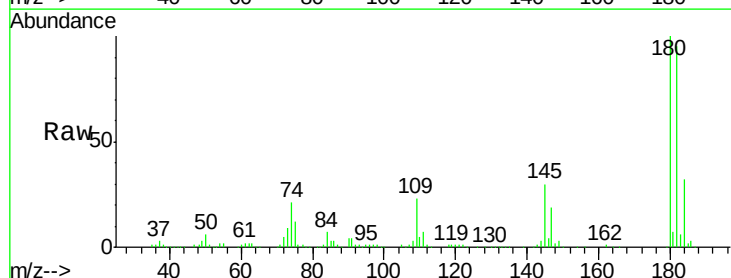


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

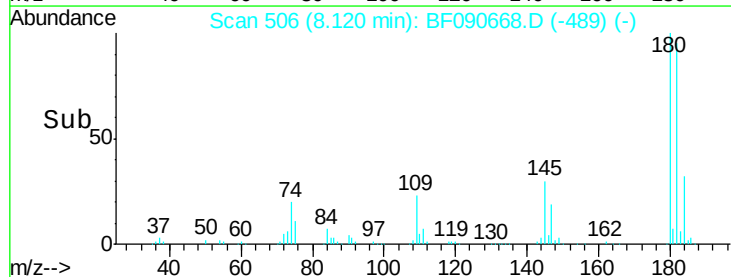
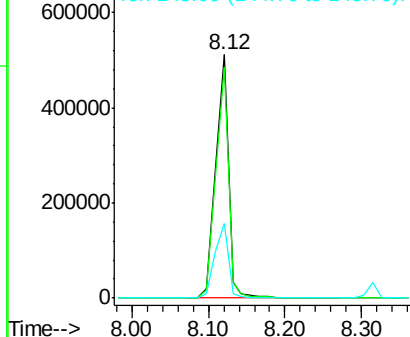


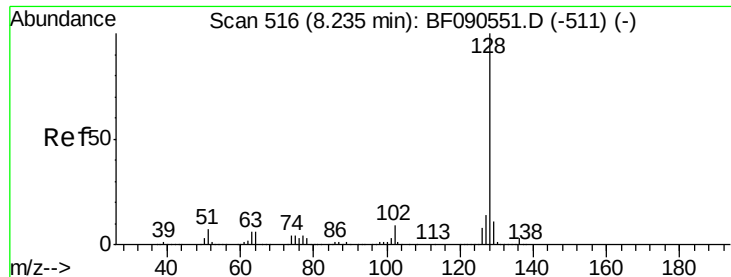
#30
1,2,4-Trichlorobenzene
Concen: 38.23 ng
RT: 8.12 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion:180 Resp: 592895
Ion Ratio Lower Upper
180 100
182 95.0 77.2 115.8
145 30.5 24.4 36.6



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

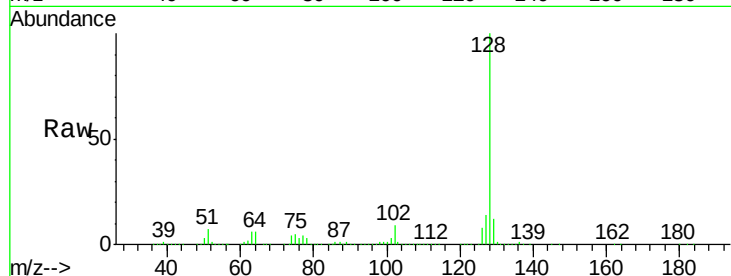




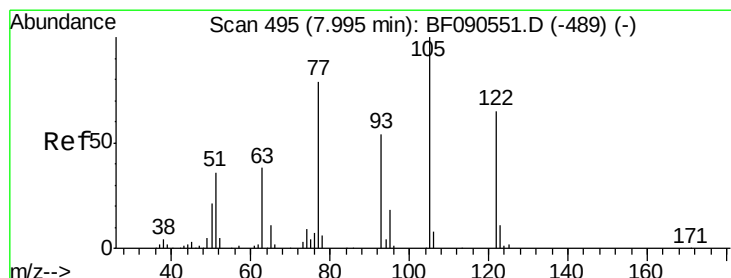
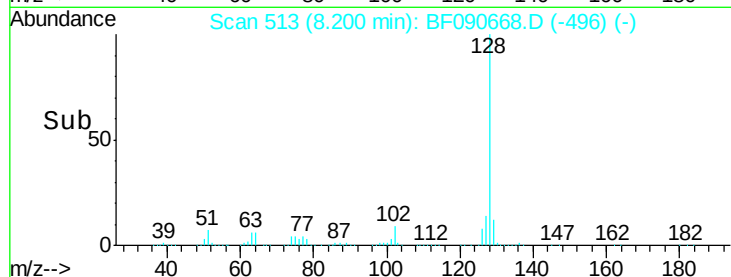
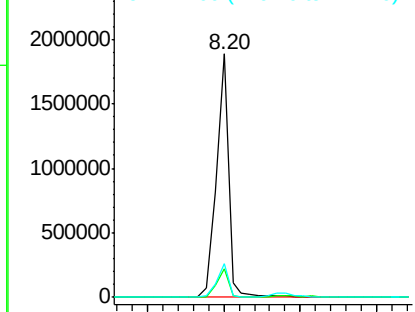
#31
Naphthalene
Concen: 37.16 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tgt Ion:128 Resp: 2057318
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.8 10.8 16.2

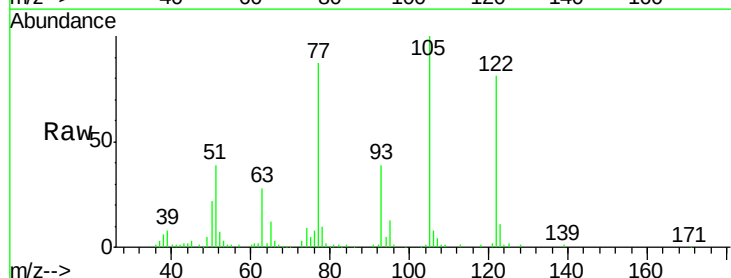


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

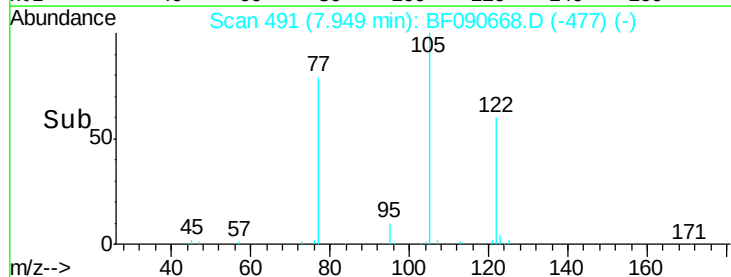
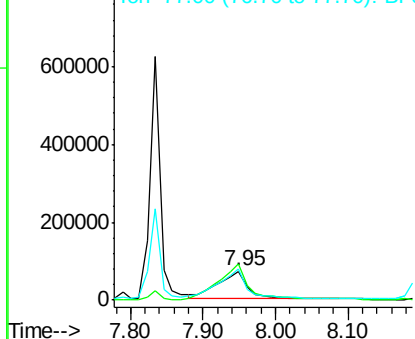


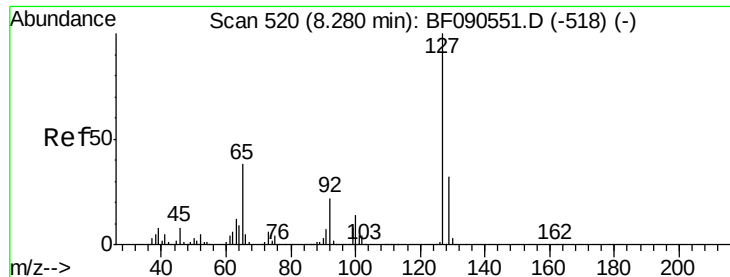
#32
Benzoic acid
Concen: 22.53 ng
RT: 7.95 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion:122 Resp: 209173
Ion Ratio Lower Upper
122 100
105 123.8 101.1 141.1
77 107.4 84.7 124.7



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

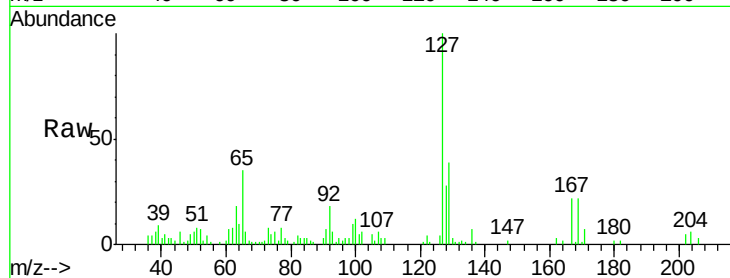




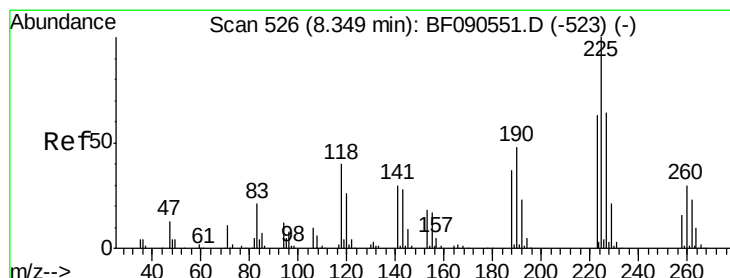
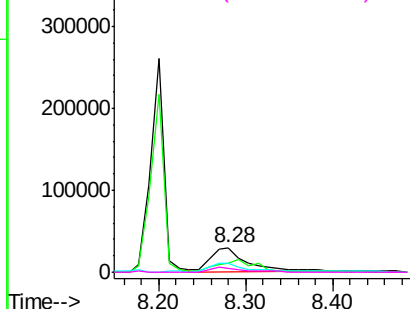
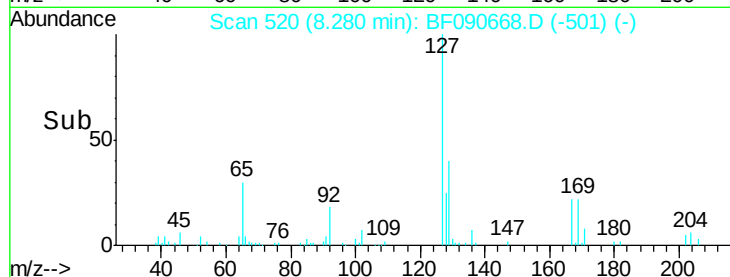
#33
4-Chloroaniline
Concen: 3.95 ng
RT: 8.28 min Scan# 520
Delta R.T. 0.02 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tgt Ion:	127	Resp:	83655
Ion	Ratio	Lower	Upper
127	100		
129	39.5	26.2	39.2#
65	35.2	30.1	45.1
92	17.6	17.2	25.8

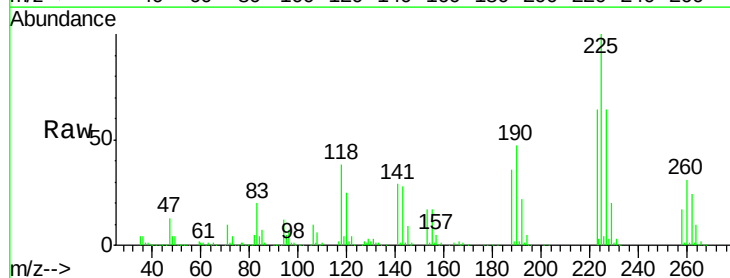


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

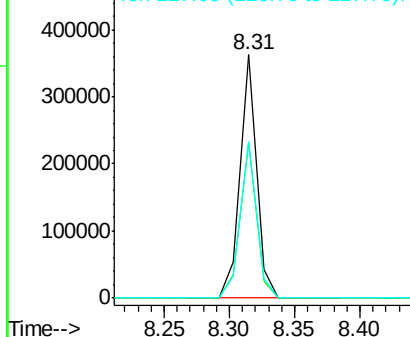
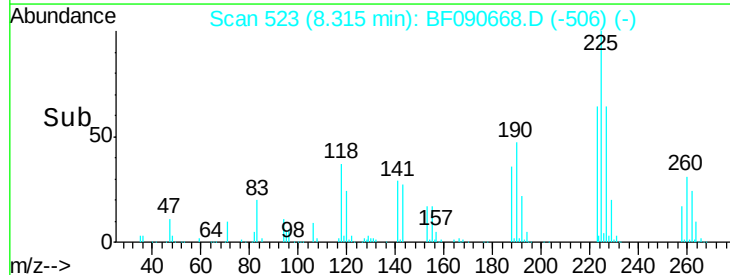


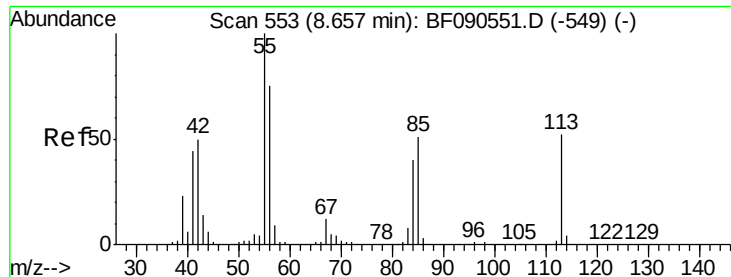
#34
Hexachlorobutadiene
Concen: 36.51 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion:	225	Resp:	316272
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.3	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.62 ng

RT: 8.62 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

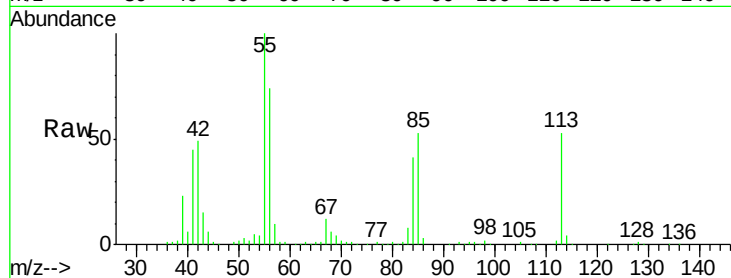
Tgt Ion:113 Resp: 120510

Ion Ratio Lower Upper

113 100

55 188.5 170.8 210.8

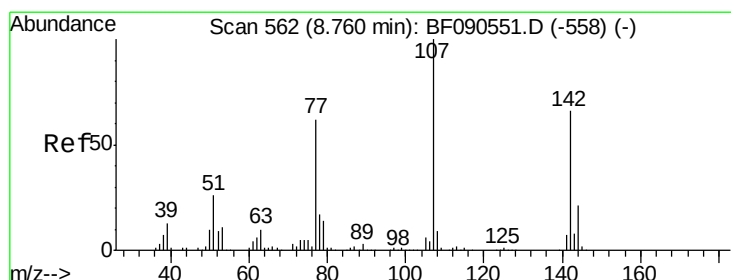
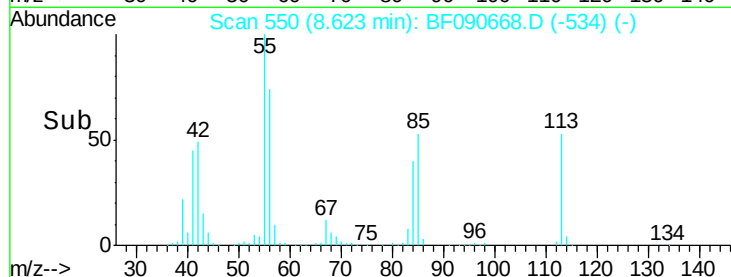
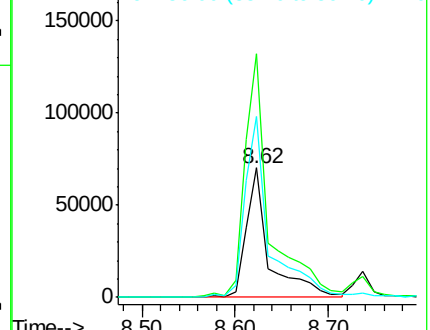
56 139.6 122.4 162.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.65 ng

RT: 8.74 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

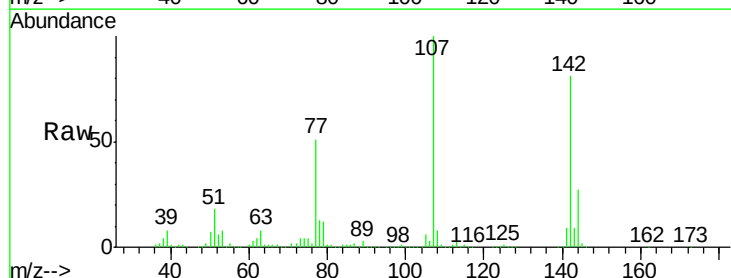
Tgt Ion:107 Resp: 605746

Ion Ratio Lower Upper

107 100

144 26.5 16.9 25.3#

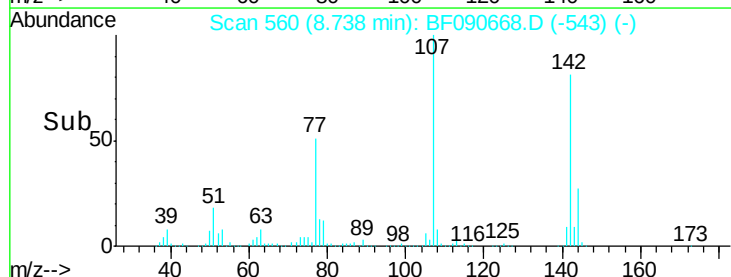
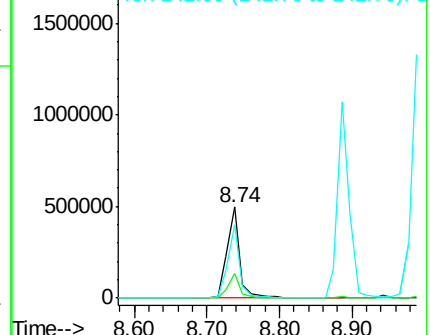
142 80.6 52.5 78.7#

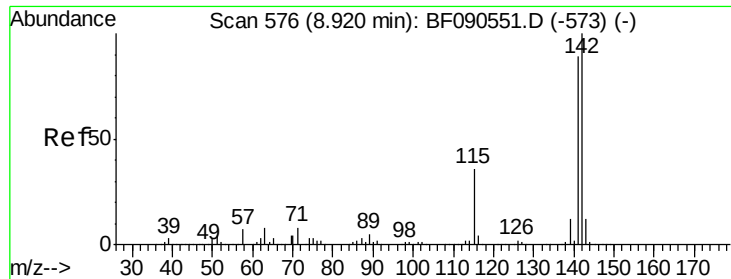


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

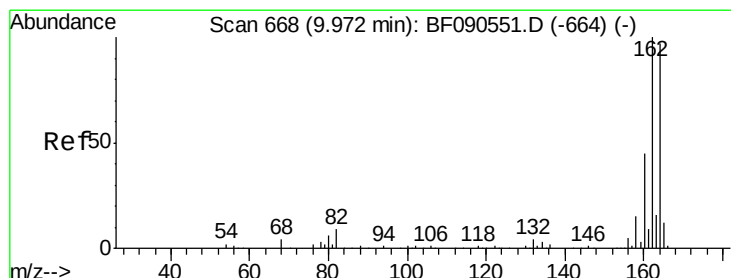
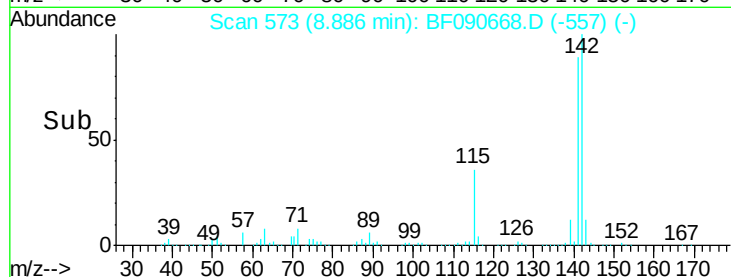
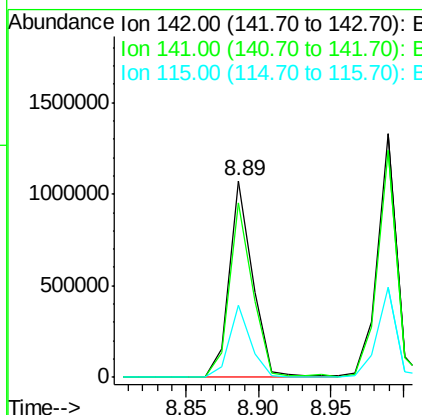
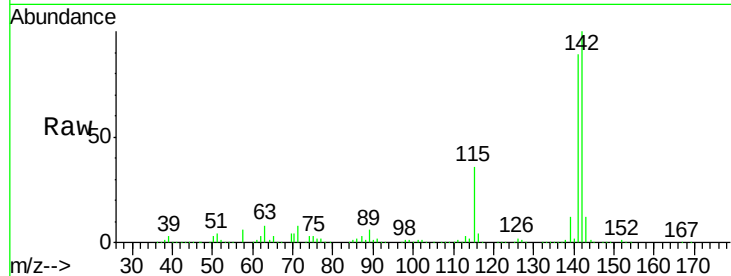




#37
2-Methylnaphthalene
Concen: 36.66 ng
RT: 8.89 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

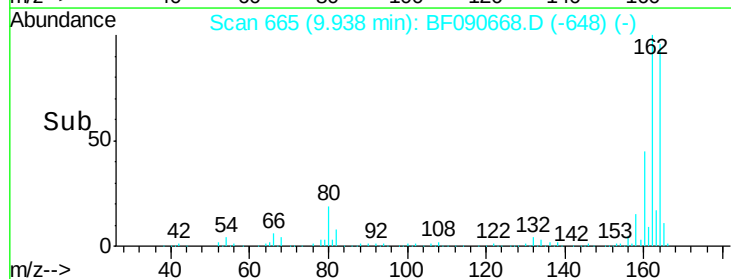
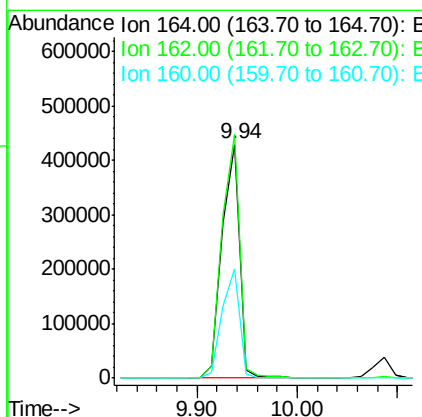
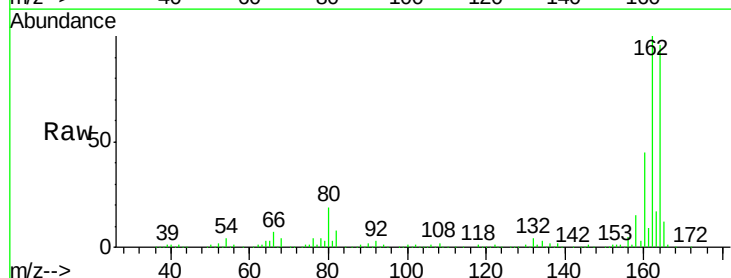
Instrument :
BNA_F
ClientSampleId :
PB94179BS

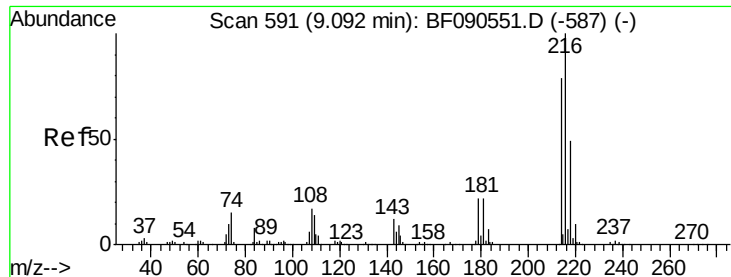
Tgt Ion:142 Resp: 1191928
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 36.3 28.8 43.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion:164 Resp: 524490
Ion Ratio Lower Upper
164 100
162 104.2 82.2 123.4
160 47.0 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.79 ng

RT: 9.06 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleID :

PB94179BS

Tgt Ion:216 Resp: 595061

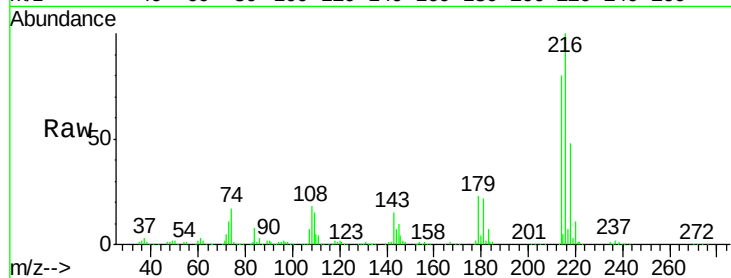
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 23.2 18.9 28.3

108 21.1 17.8 26.6

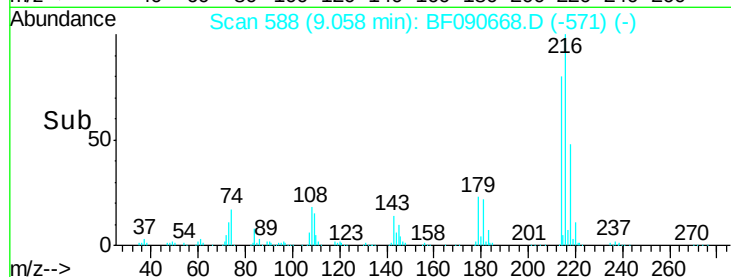


Abundance Ion 216.00 (215.70 to 216.70): E

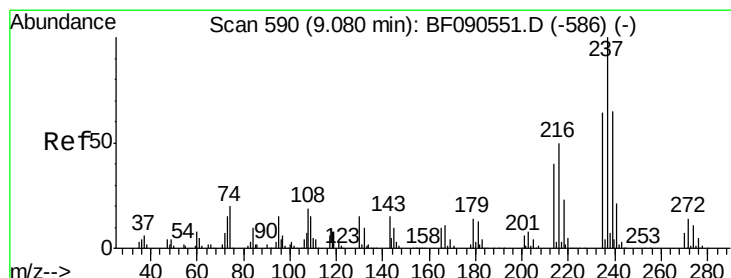
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 55.34 ng

RT: 9.05 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

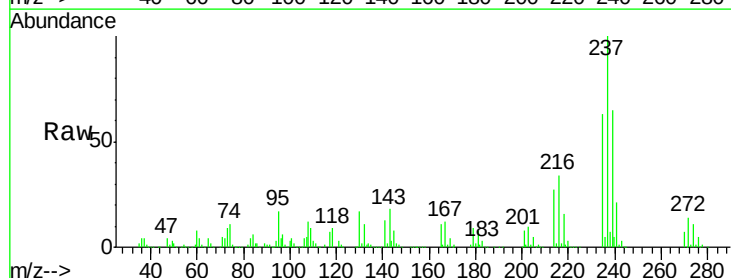
Tgt Ion:237 Resp: 375931

Ion Ratio Lower Upper

237 100

235 63.4 43.8 83.8

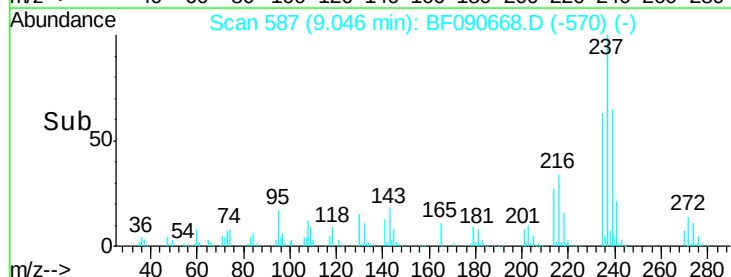
272 13.5 0.0 33.7



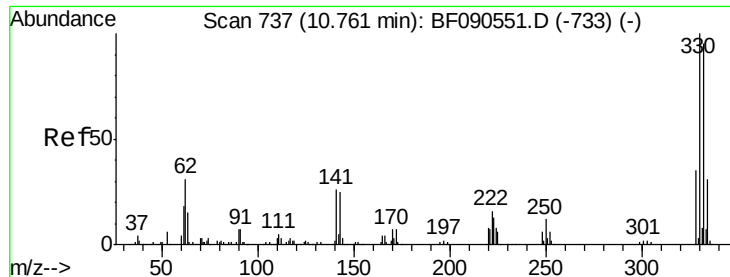
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



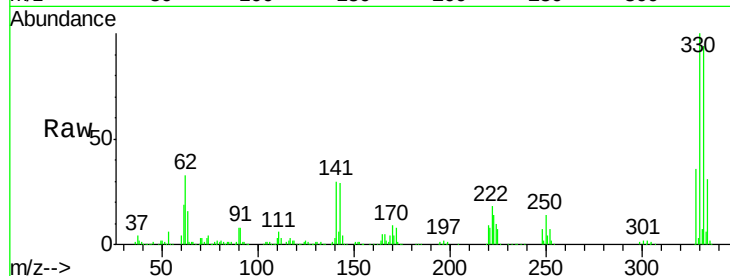
Time-->



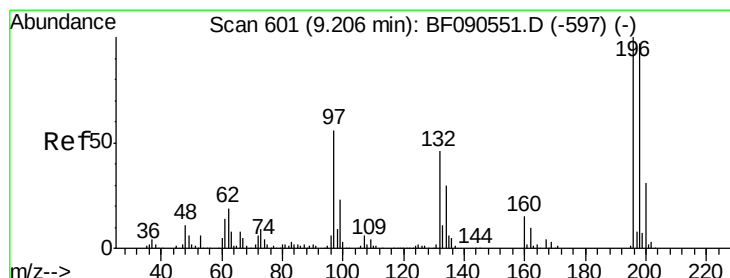
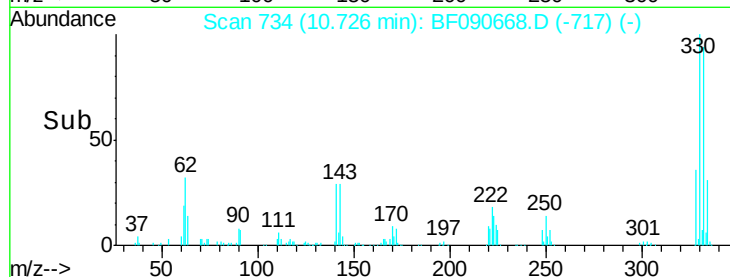
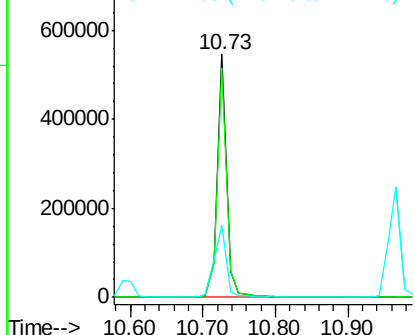
#41
 2,4,6-Tribromophenol
 Concen: 106.69 ng
 RT: 10.73 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tgt Ion:330 Resp: 498903
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.2 114.2
 141 37.3 31.4 47.2

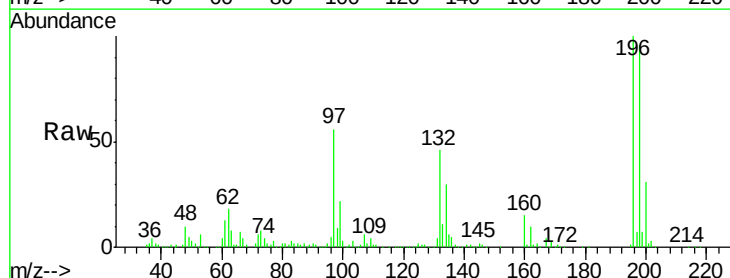


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

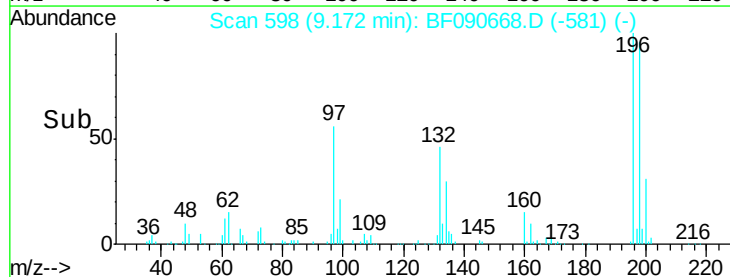
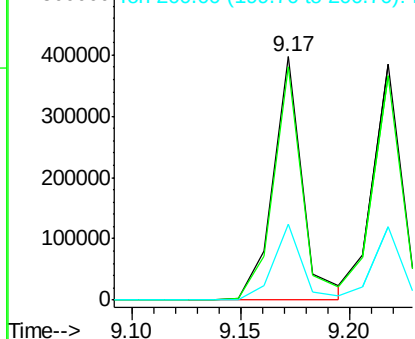


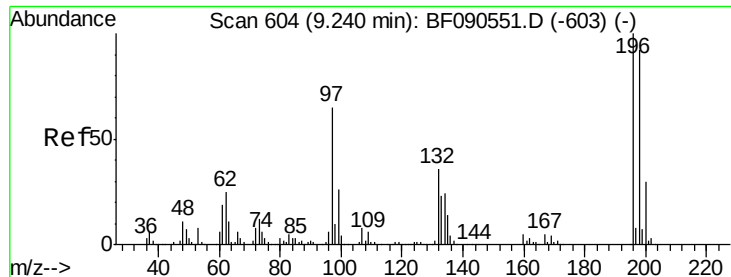
#42
 2,4,6-Trichlorophenol
 Concen: 47.77 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion:196 Resp: 374704
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.9 116.9
 200 31.3 25.1 37.7



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

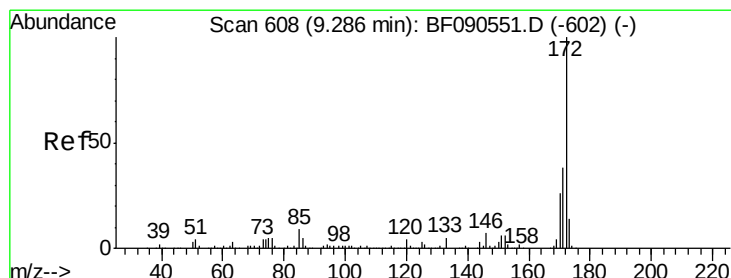
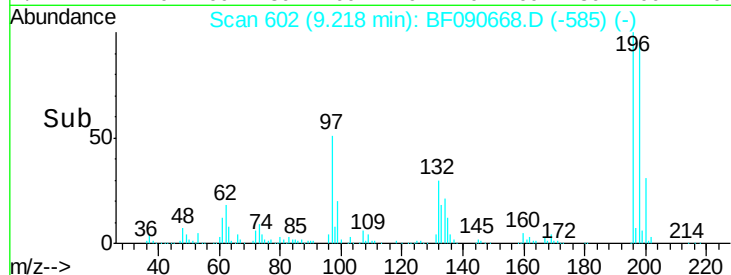
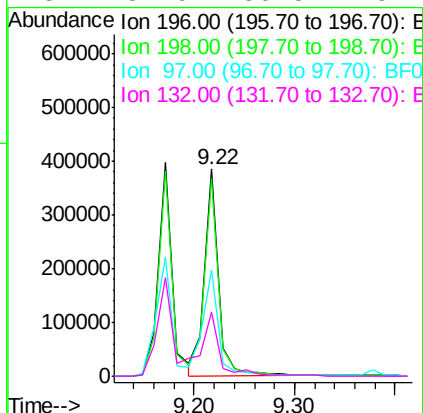
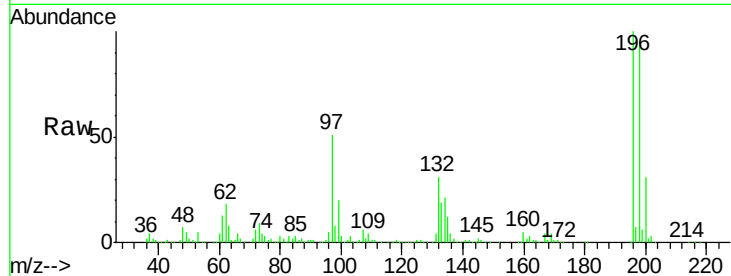




#43
 2,4,5-Trichlorophenol
 Concen: 40.11 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

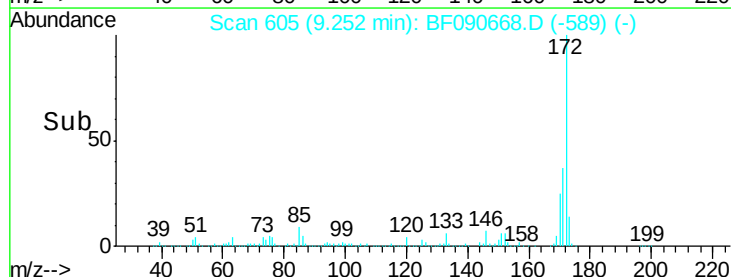
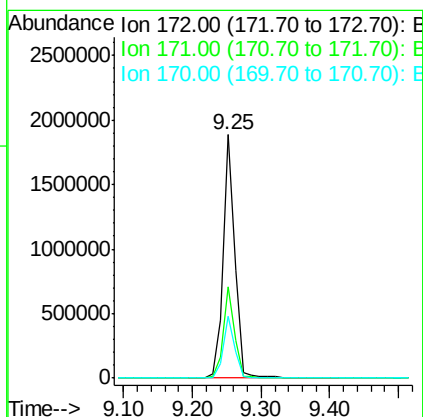
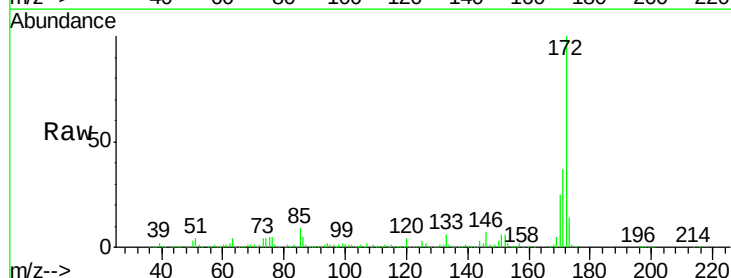
Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

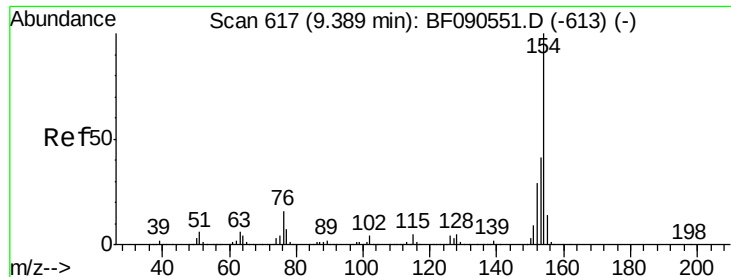
Tgt Ion:196 Resp: 375348
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.0 111.0
 97 51.4 54.7 82.1#
 132 31.0 30.5 45.7



#44
 2-Fluorobiphenyl
 Concen: 72.01 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion:172 Resp: 2292322
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.1 45.1
 170 25.3 20.6 30.8





#45

1,1'-Biphenyl

Concen: 38.33 ng

RT: 9.35 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

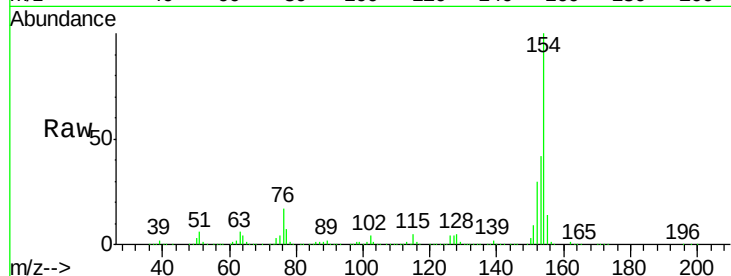
Tgt Ion:154 Resp: 1529949

Ion Ratio Lower Upper

154 100

153 41.9 21.5 61.5

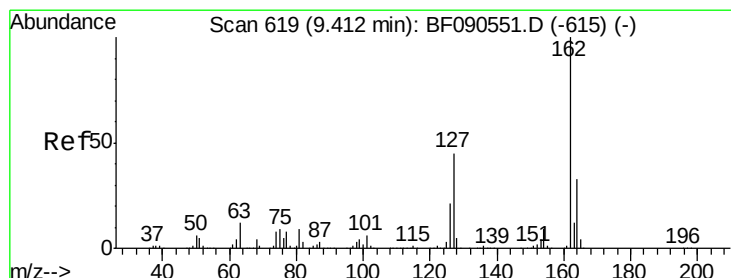
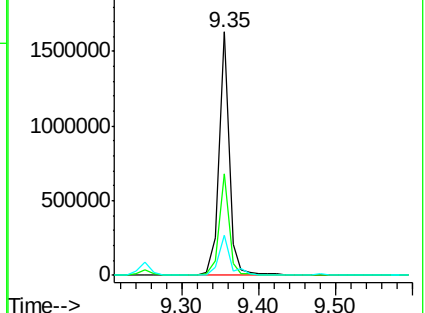
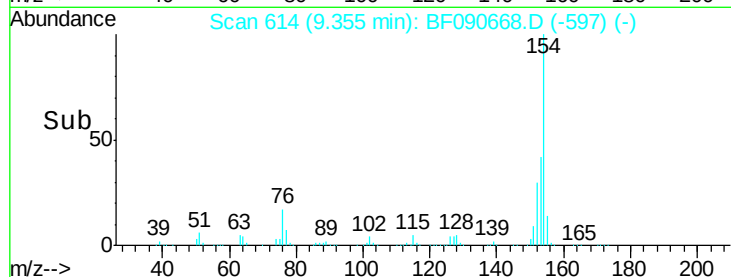
76 16.6 0.0 36.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.89 ng

RT: 9.38 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

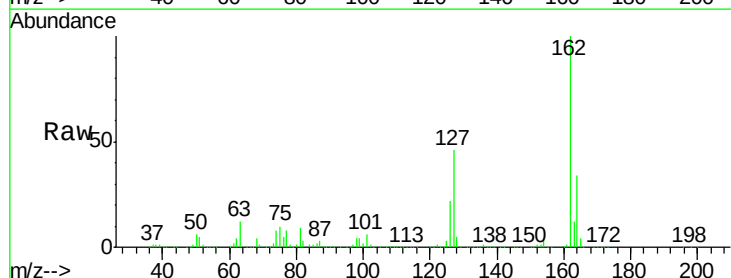
Tgt Ion:162 Resp: 1157432

Ion Ratio Lower Upper

162 100

127 46.1 35.9 53.9

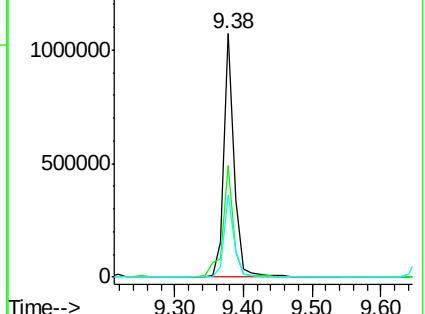
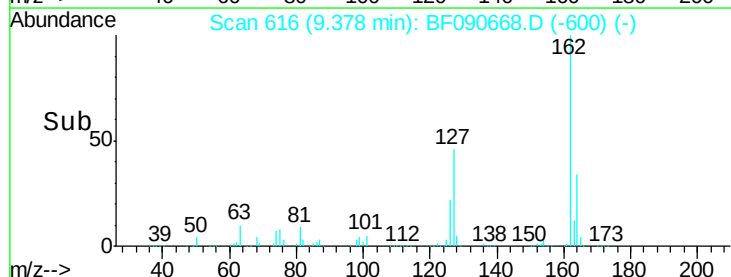
164 33.7 26.7 40.1

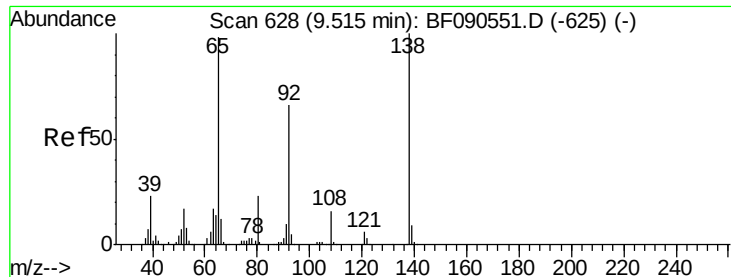


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

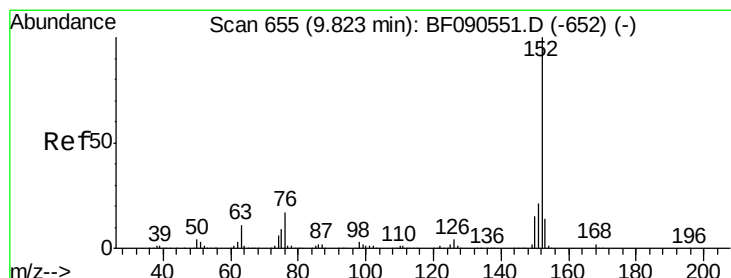
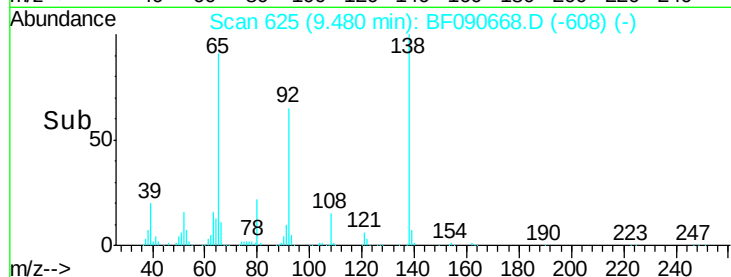
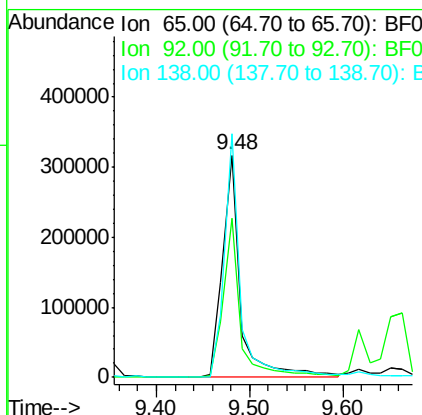
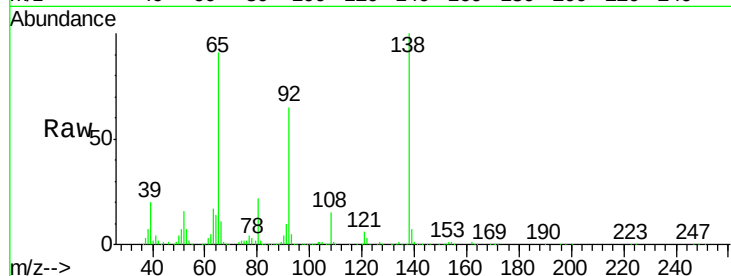




#47
2-Nitroaniline
Concen: 39.59 ng
RT: 9.48 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

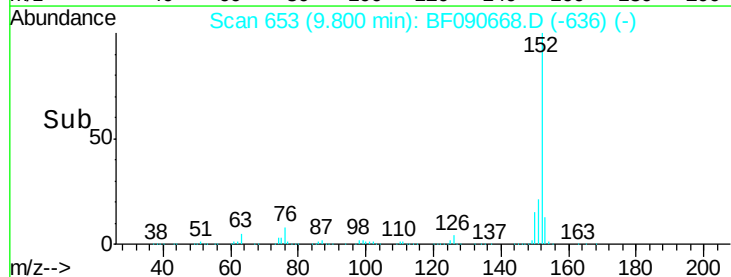
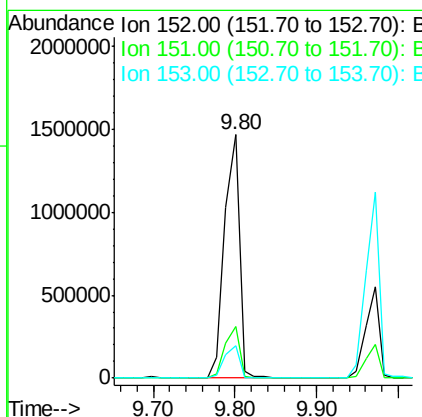
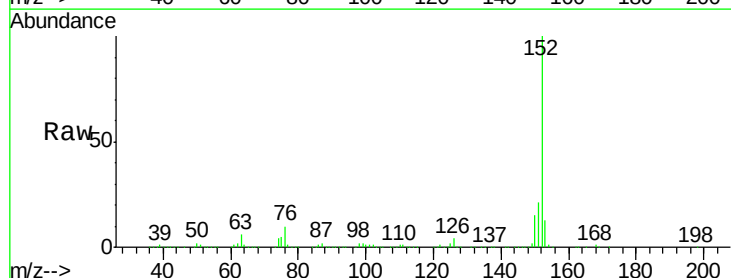
Instrument :
BNA_F
ClientSampleId :
PB94179BS

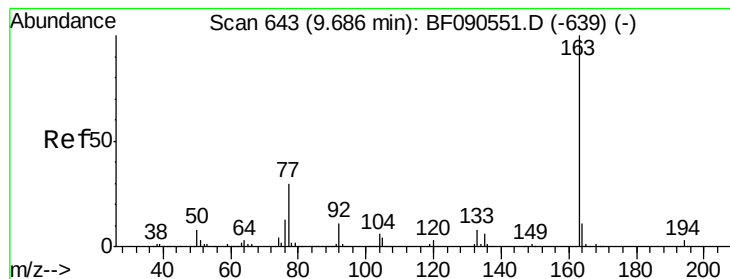
Tgt Ion: 65 Resp: 427177
Ion Ratio Lower Upper
65 100
92 71.8 54.3 81.5
138 109.7 81.7 122.5



#48
Acenaphthylene
Concen: 39.11 ng
RT: 9.80 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion: 152 Resp: 1853158
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0
153 13.4 11.3 16.9





#49

Dimethylphthalate

Concen: 42.33 ng

RT: 9.66 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

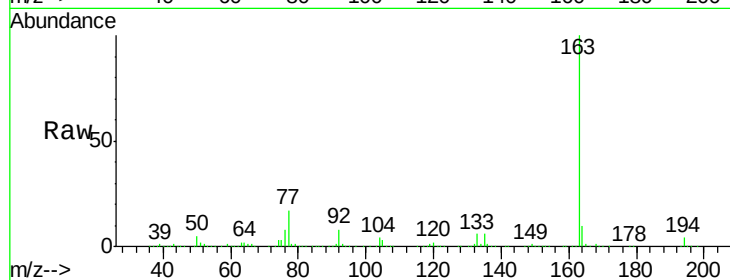
Tgt Ion:163 Resp: 1440310

Ion Ratio Lower Upper

163 100

194 3.7 2.3 3.5#

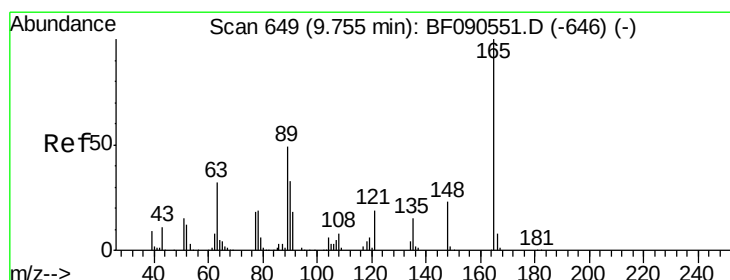
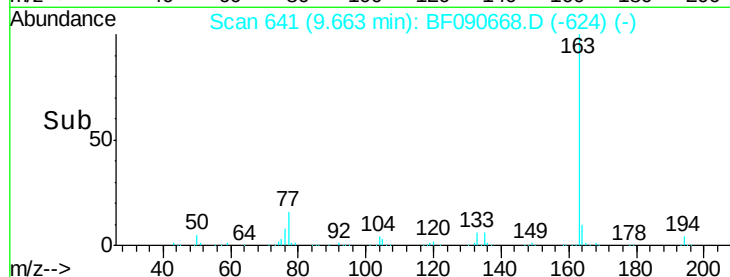
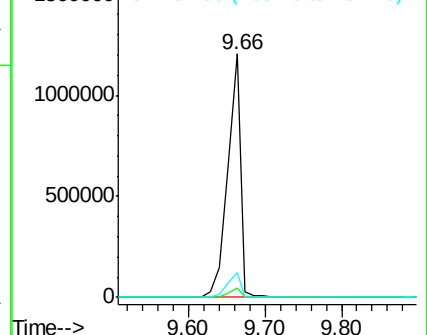
164 10.2 8.6 13.0



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: 41.72 ng

RT: 9.72 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

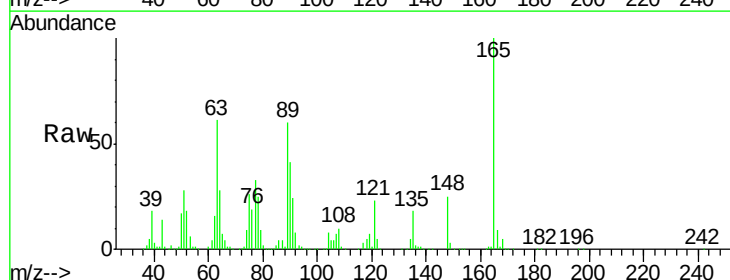
Tgt Ion:165 Resp: 310673

Ion Ratio Lower Upper

165 100

63 60.7 40.1 60.1#

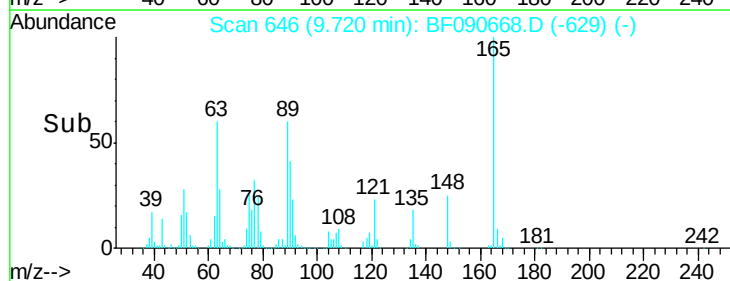
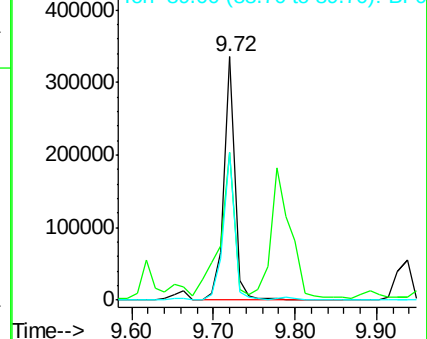
89 60.4 39.5 59.3#

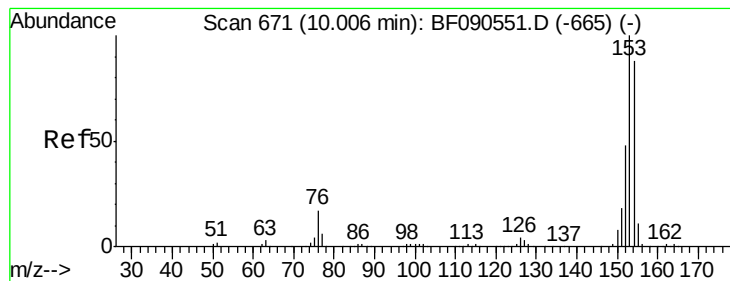


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.09 ng

RT: 9.97 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

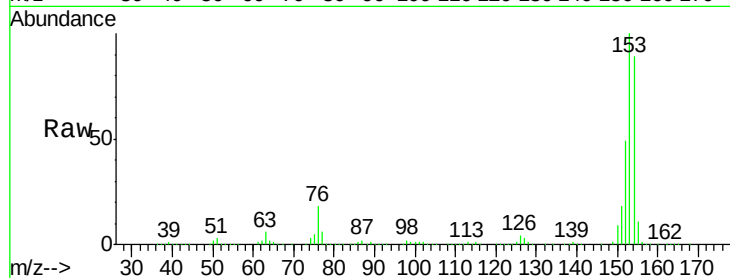
Tgt Ion:154 Resp: 1199651

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

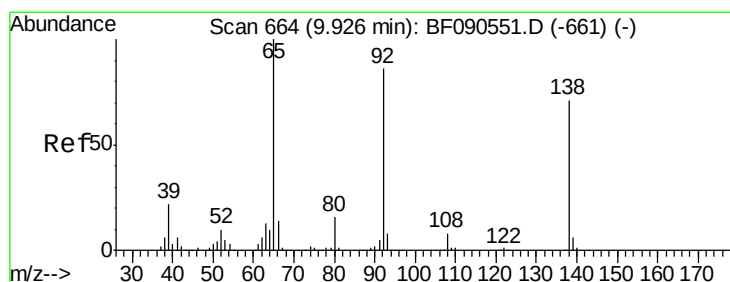
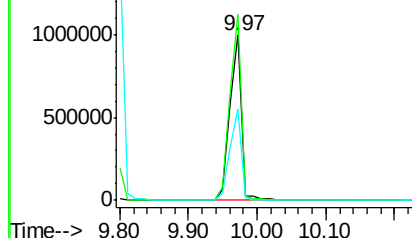
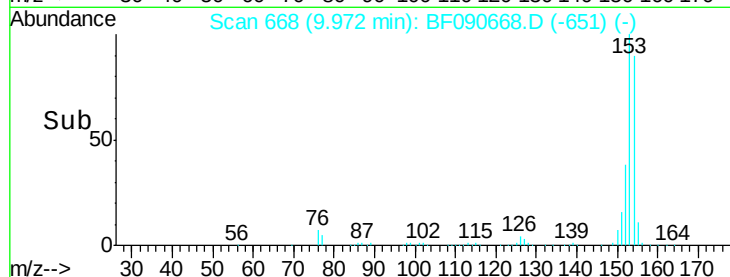
152 55.2 44.0 66.0



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: 11.64 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

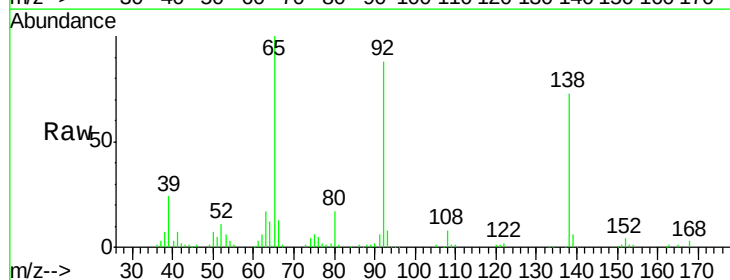
Tgt Ion:138 Resp: 108739

Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

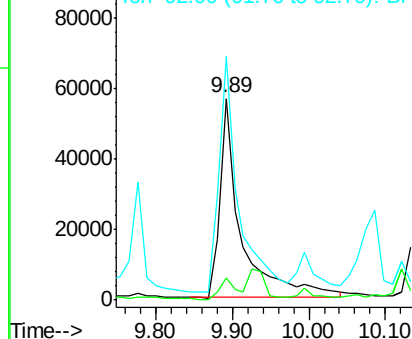
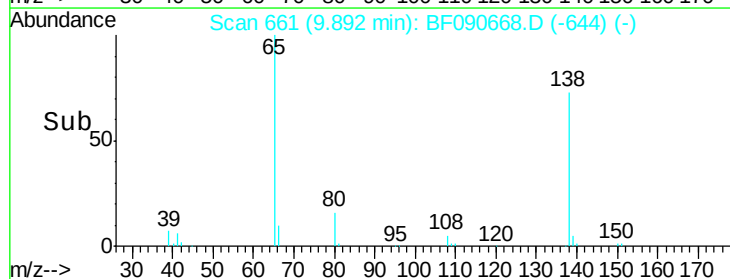
92 120.6 97.8 146.8

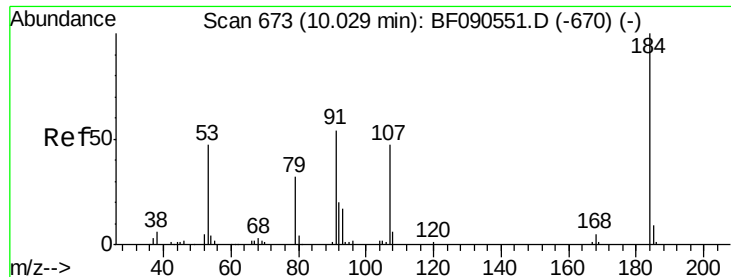


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

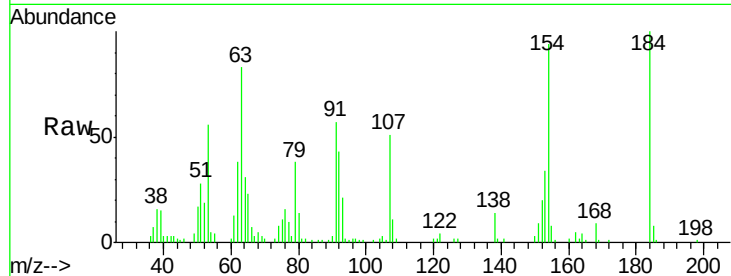




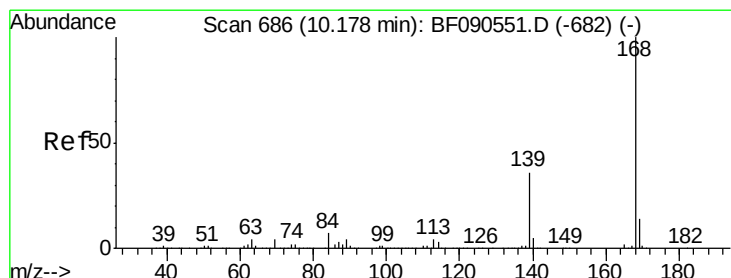
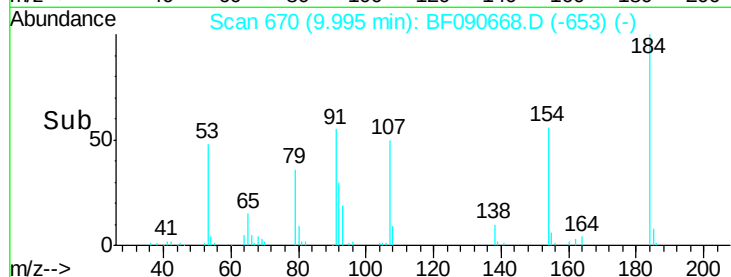
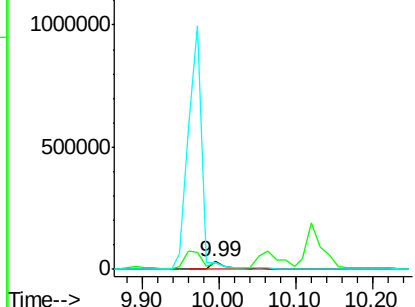
#53
2,4-Dinitrophenol
Concen: 18.25 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampled :
PB94179BS

Tgt Ion:184 Resp: 54730
Ion Ratio Lower Upper
184 100
63 82.8 60.2 90.2
154 93.5 86.1 129.1

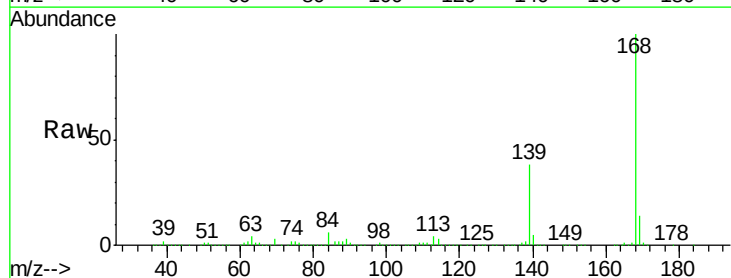


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

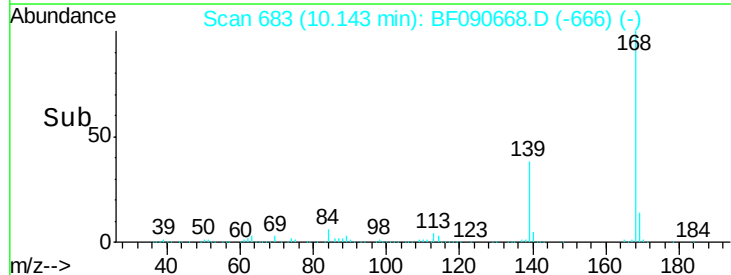
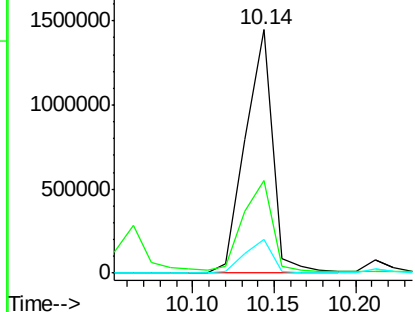


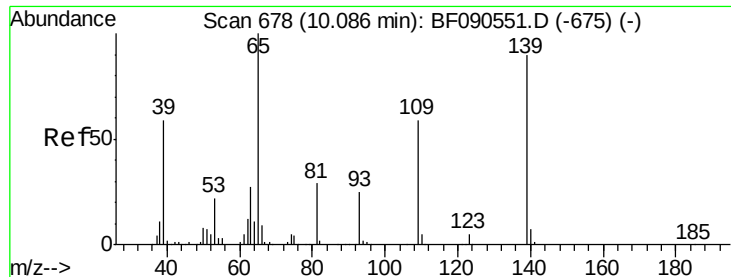
#54
Dibenzofuran
Concen: 40.54 ng
RT: 10.14 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion:168 Resp: 1679876
Ion Ratio Lower Upper
168 100
139 37.8 30.5 45.7
169 13.6 10.9 16.3



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

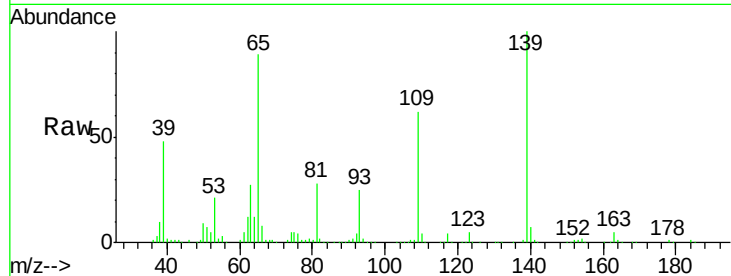




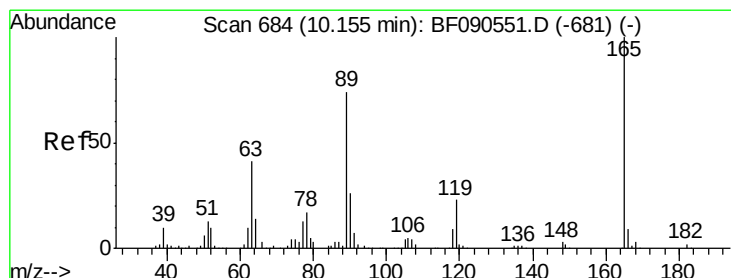
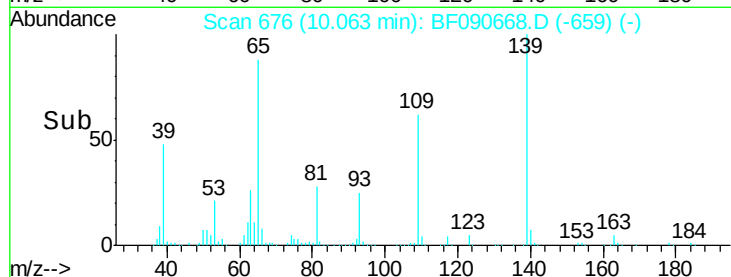
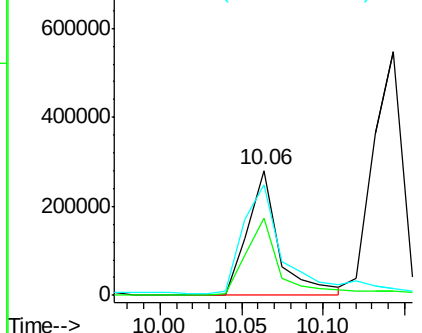
#55
4-Nitrophenol
Concen: 66.82 ng
RT: 10.06 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tgt Ion:139 Resp: 375759
Ion Ratio Lower Upper
139 100
109 61.8 45.9 85.9
65 88.7 95.8 135.8#

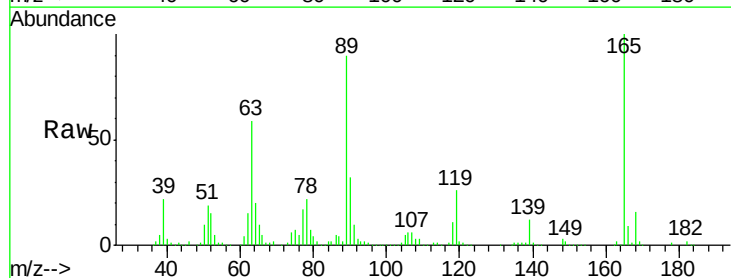


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

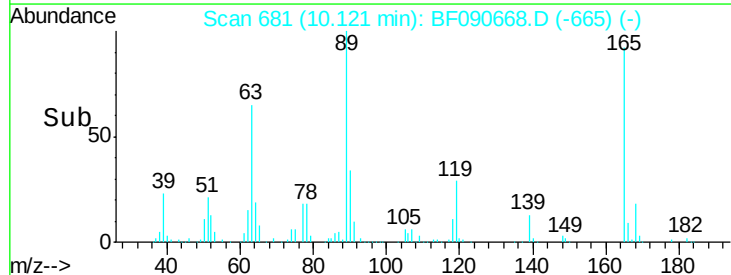
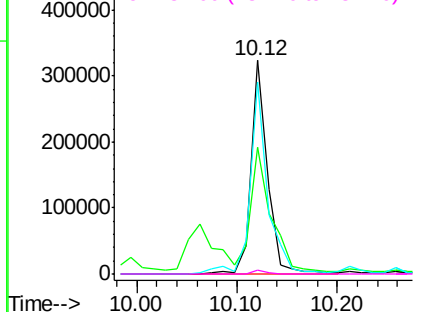


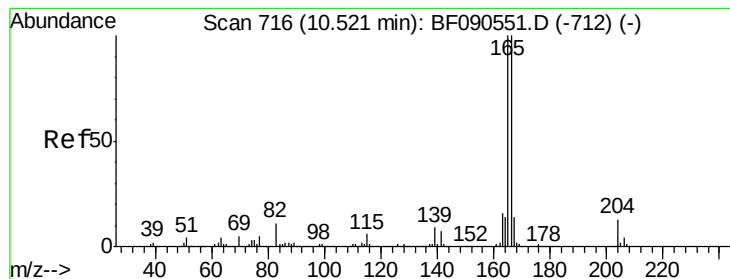
#56
2,4-Dinitrotoluene
Concen: 36.49 ng
RT: 10.12 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion:165 Resp: 369043
Ion Ratio Lower Upper
165 100
63 59.2 35.4 53.0#
89 90.1 59.0 88.4#
182 2.0 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.53 ng

RT: 10.49 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

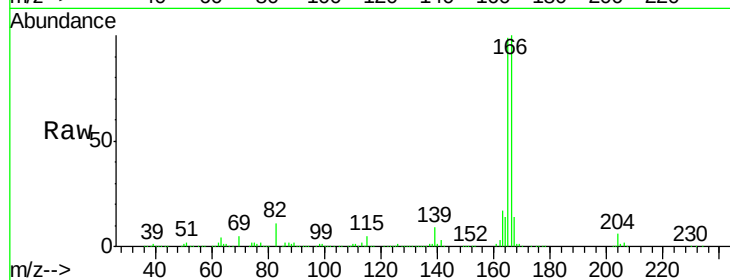
Tgt Ion:166 Resp: 1350853

Ion Ratio Lower Upper

166 100

165 99.3 79.9 119.9

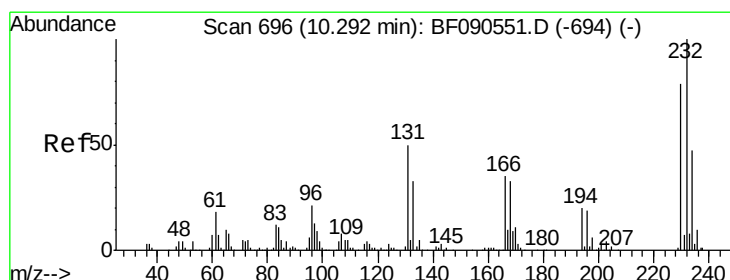
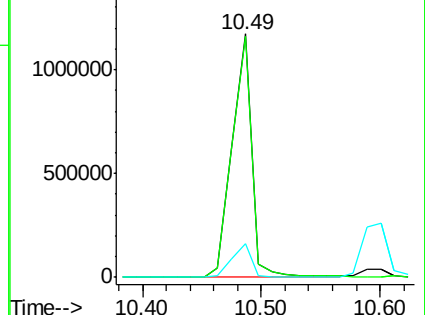
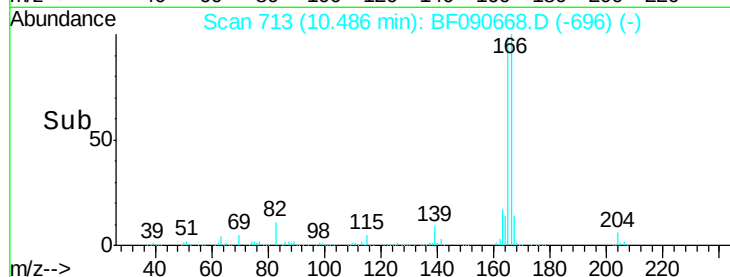
167 13.7 10.9 16.3



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: 35.71 ng

RT: 10.26 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Tgt Ion:232 Resp: 278306

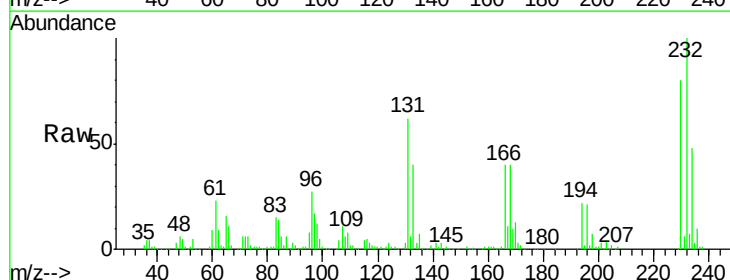
Ion Ratio Lower Upper

232 100

131 56.9 42.6 64.0

130 2.4 1.8 2.8

166 35.2 27.5 41.3

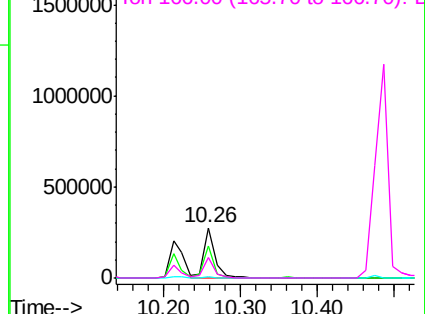
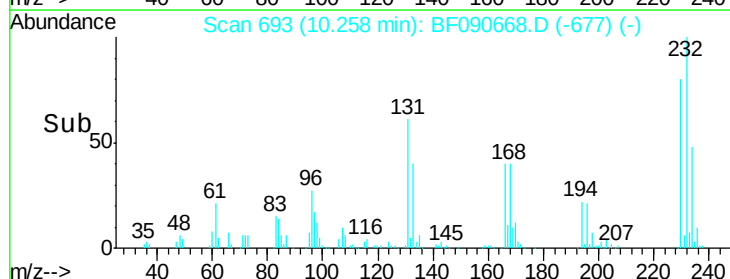


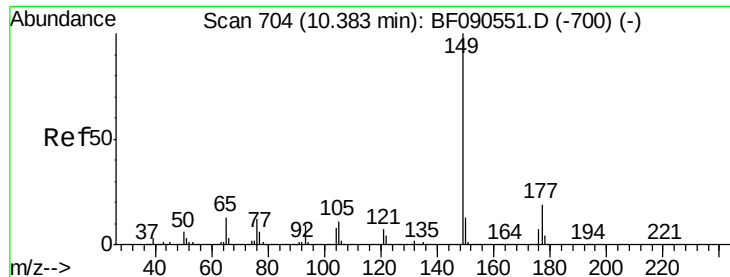
Abundance Ion 232.00 (231.70 to 232.70): E

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

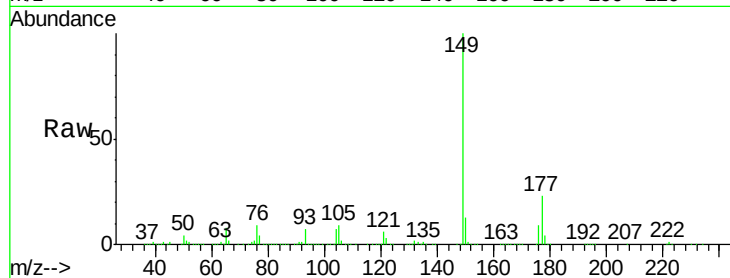




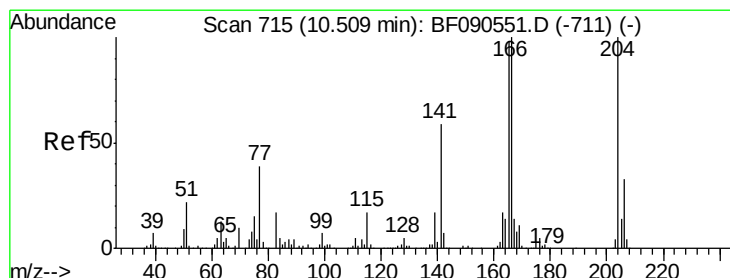
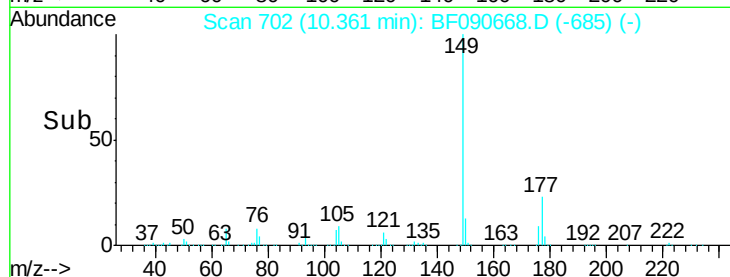
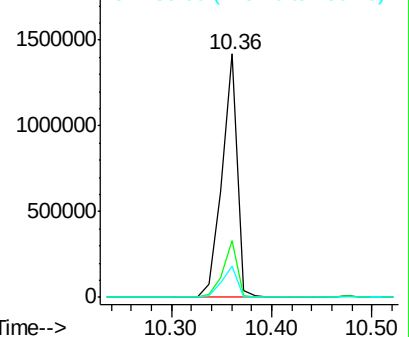
#59
Diethylphthalate
Concen: 43.44 ng
RT: 10.36 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tgt Ion:149 Resp: 1499122
Ion Ratio Lower Upper
149 100
177 23.1 15.3 22.9#
150 13.0 10.3 15.5

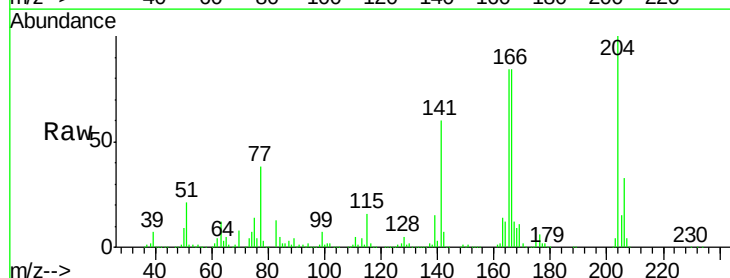


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

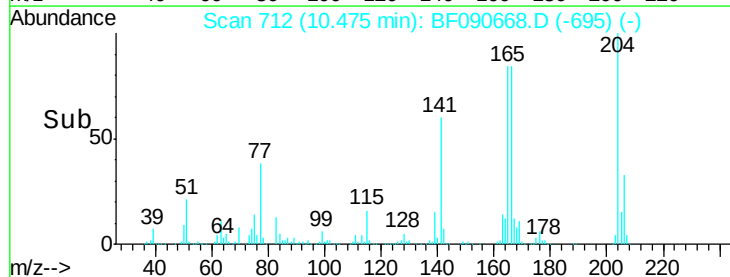
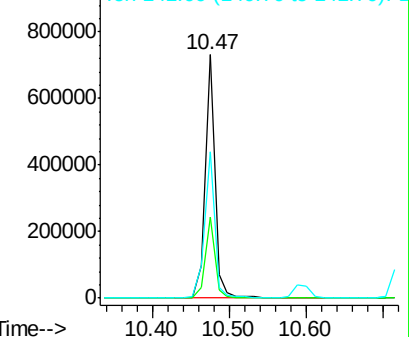


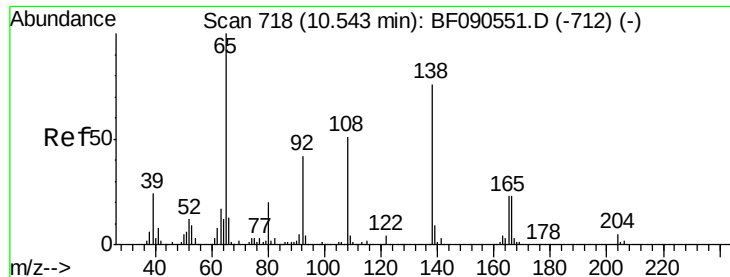
#60
4-Chlorophenyl-phenylether
Concen: 40.27 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion:204 Resp: 648742
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 60.1 47.2 70.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 25.17 ng

RT: 10.51 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampled :

PB94179BS

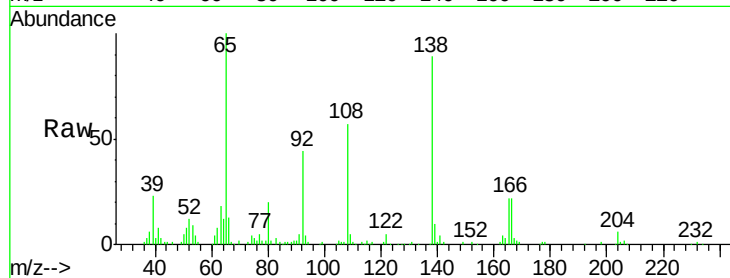
Tgt Ion:138 Resp: 235798

Ion Ratio Lower Upper

138 100

92 49.1 35.7 75.7

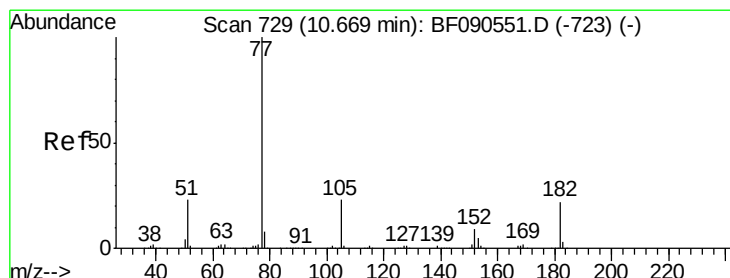
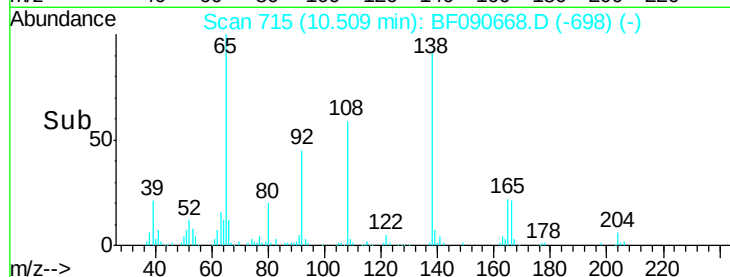
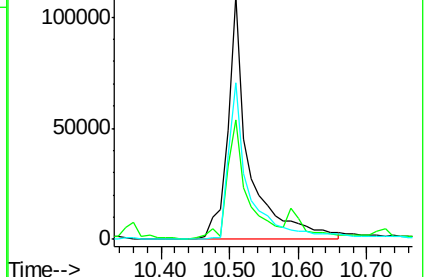
108 64.4 46.9 86.9



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: 41.52 ng

RT: 10.63 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Tgt Ion: 77 Resp: 1657419

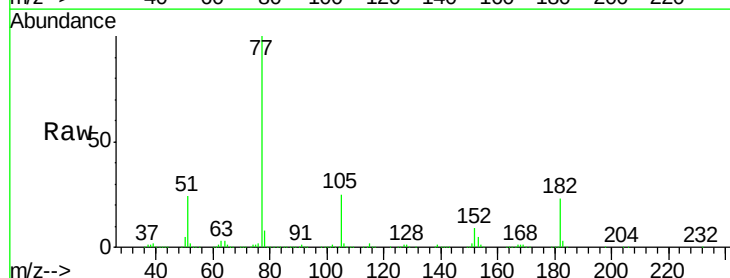
Ion Ratio Lower Upper

77 100

182 23.5 2.2 42.2

105 24.9 3.5 43.5

51 24.4 3.7 43.7

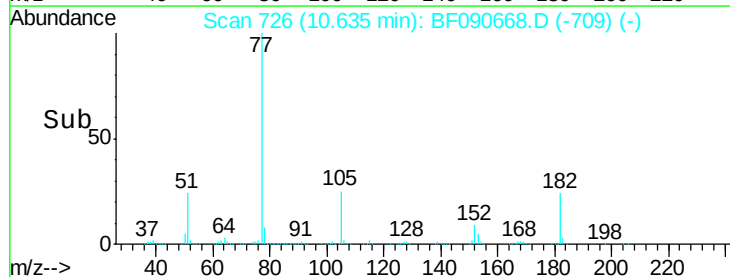
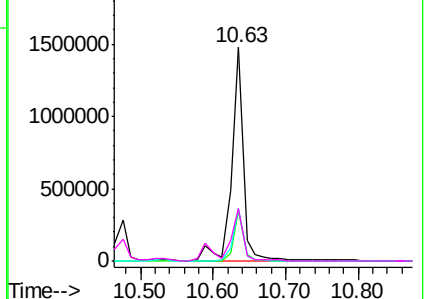


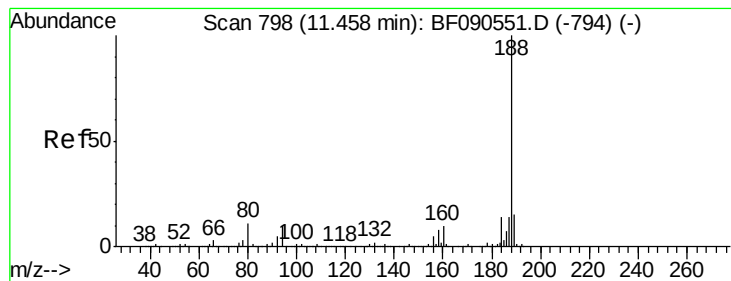
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.42 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

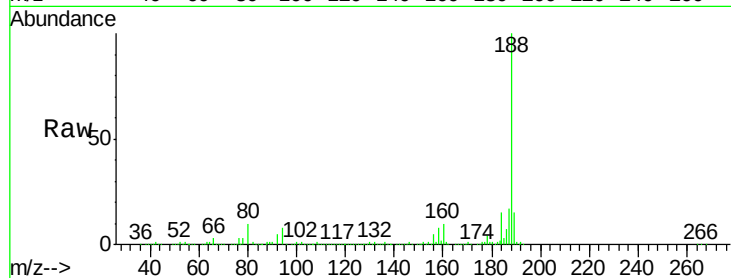
Tgt Ion:188 Resp: 794818

Ion Ratio Lower Upper

188 100

94 8.4 7.7 11.5

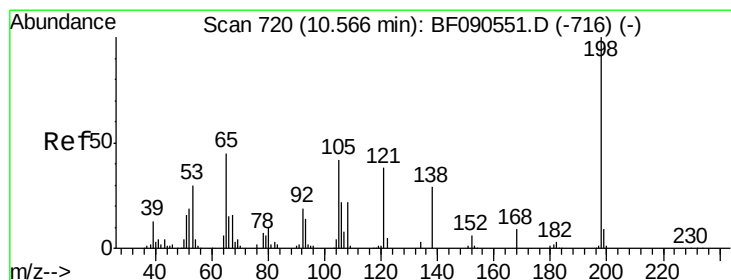
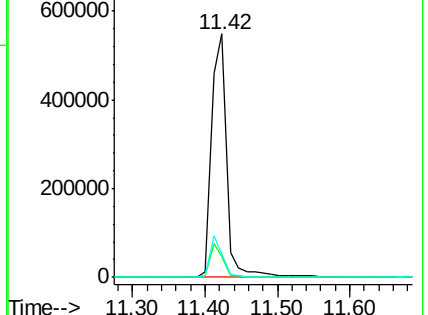
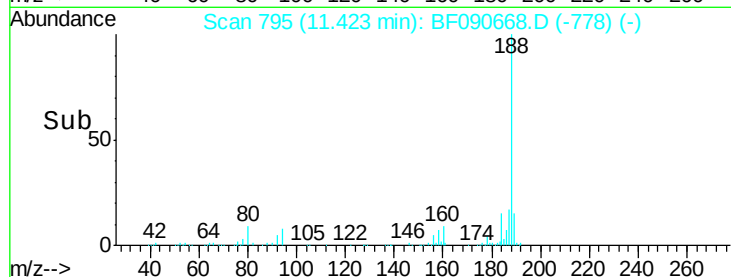
80 9.6 8.6 12.8



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: 10.31 ng

RT: 10.53 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

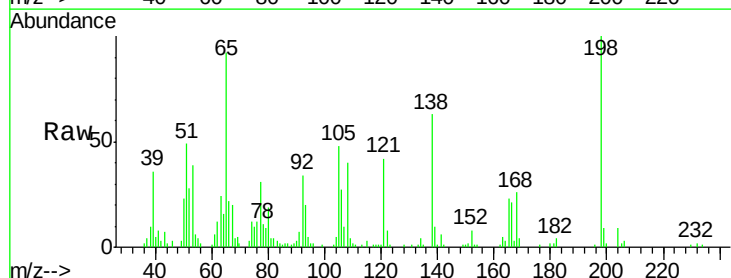
Tgt Ion:198 Resp: 49615

Ion Ratio Lower Upper

198 100

51 49.2 19.7 59.7

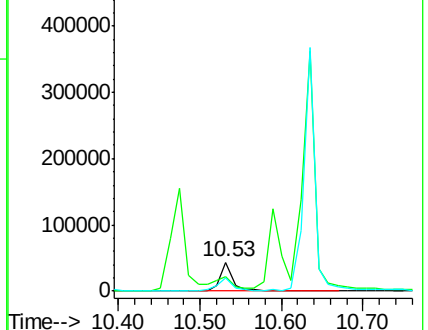
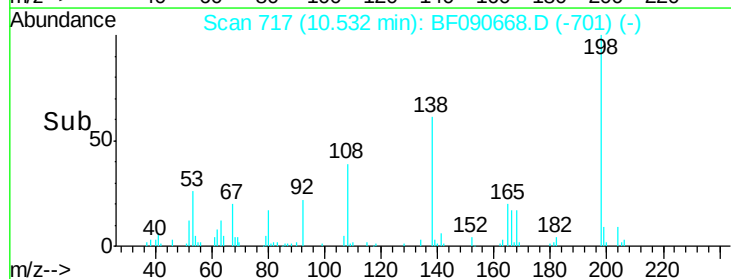
105 47.7 22.6 62.6

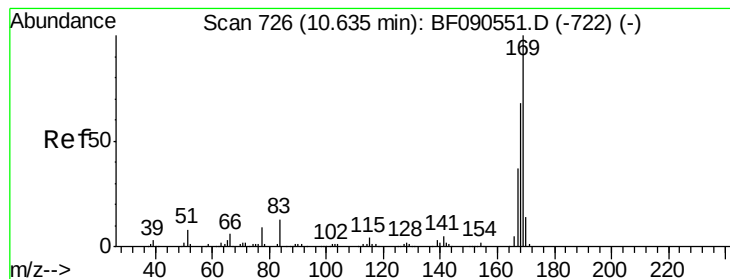


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.32 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

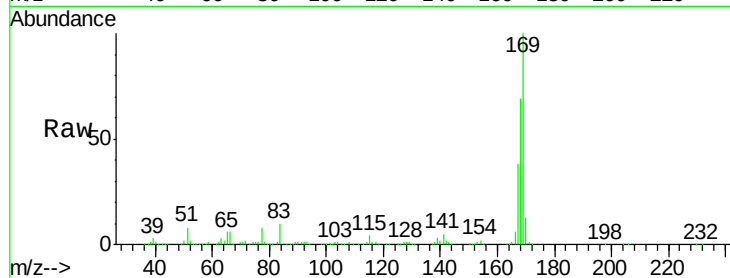
Tgt Ion:169 Resp: 1058668

Ion Ratio Lower Upper

169 100

168 68.8 54.6 81.8

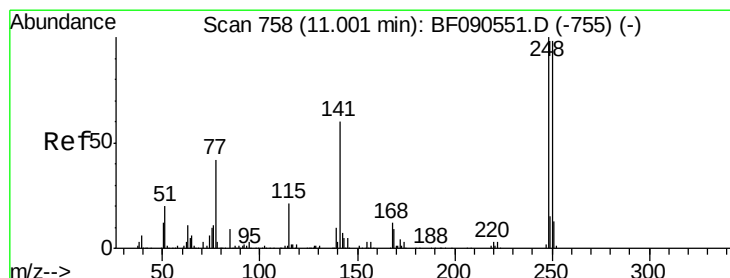
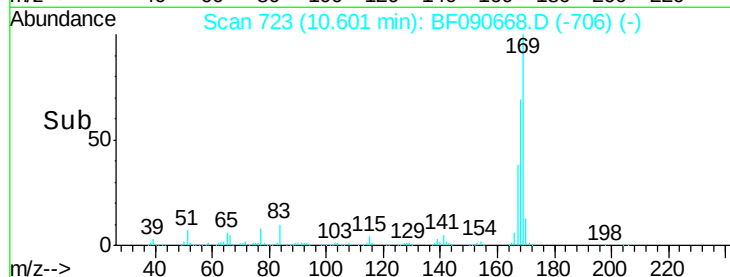
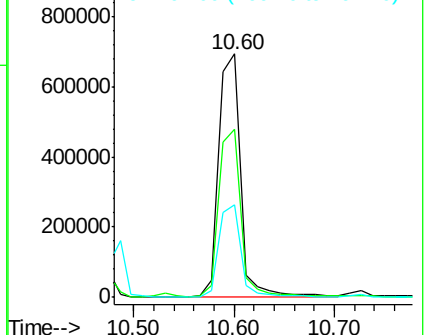
167 38.0 29.8 44.8



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: 42.05 ng

RT: 10.97 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

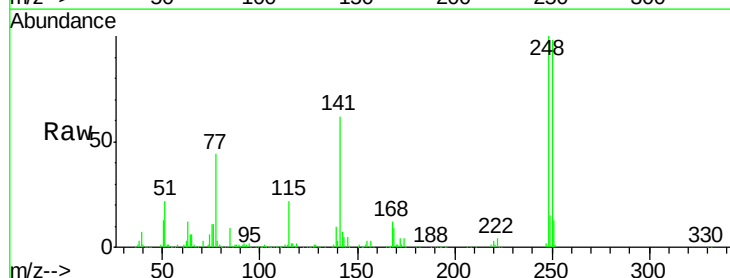
Tgt Ion:248 Resp: 358634

Ion Ratio Lower Upper

248 100

250 98.0 78.4 117.6

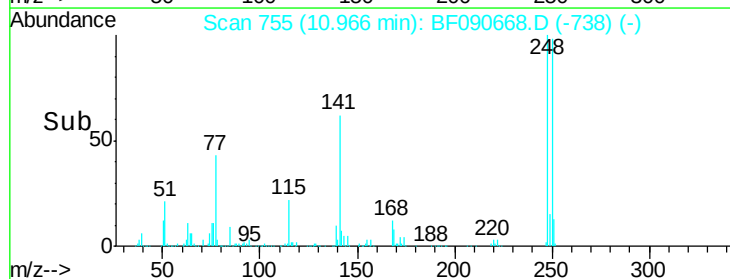
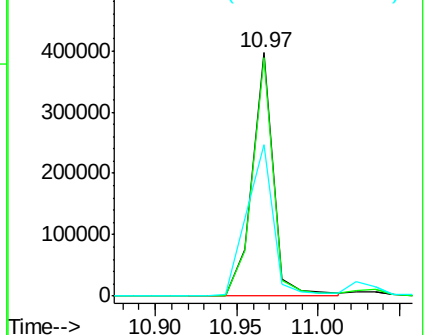
141 62.2 48.4 72.6

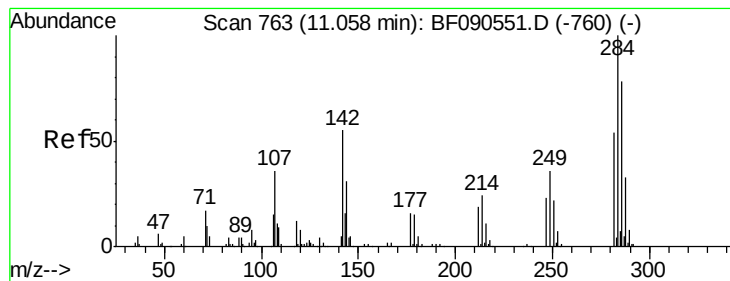


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.25 ng

RT: 11.03 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleID :

PB94179BS

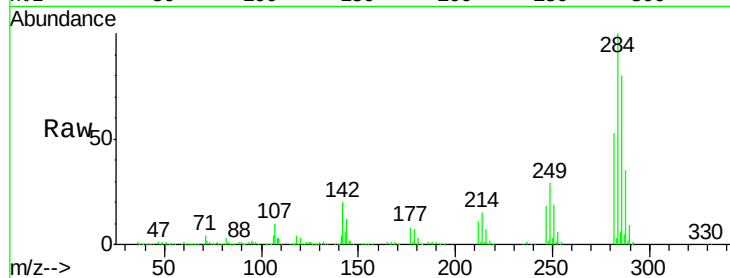
Tgt Ion:284 Resp: 400511

Ion Ratio Lower Upper

284 100

142 20.1 44.5 66.7#

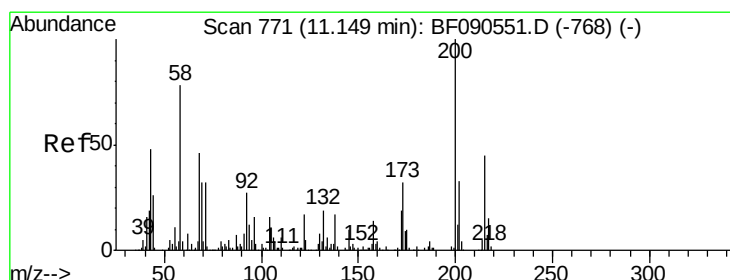
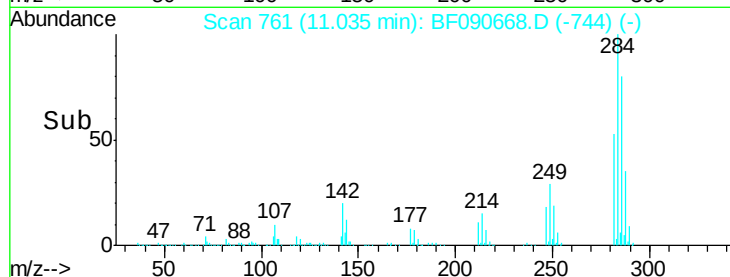
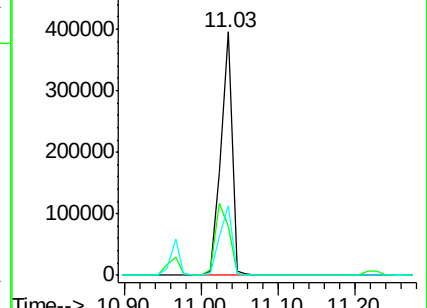
249 28.7 29.6 44.4#



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: 38.25 ng

RT: 11.13 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

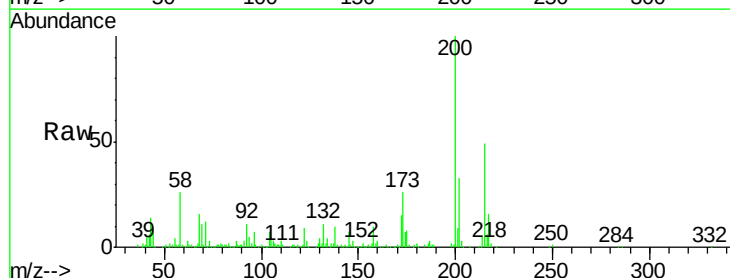
Tgt Ion:200 Resp: 277744

Ion Ratio Lower Upper

200 100

173 25.8 12.0 52.0

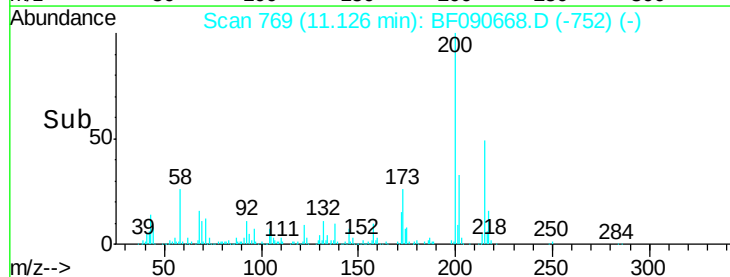
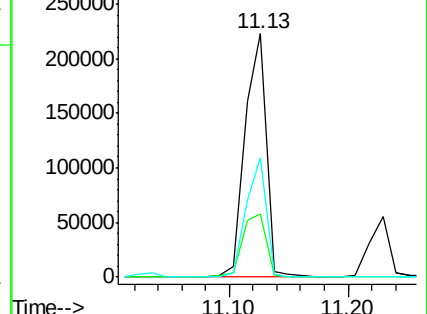
215 49.2 25.2 65.2

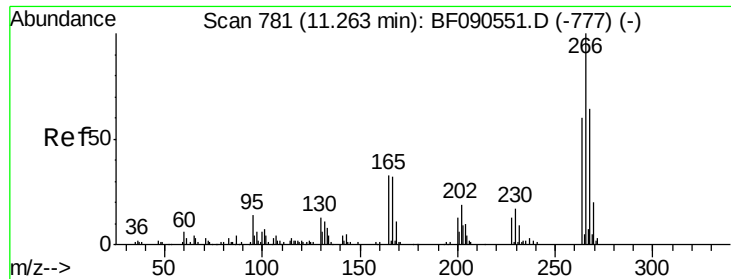


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

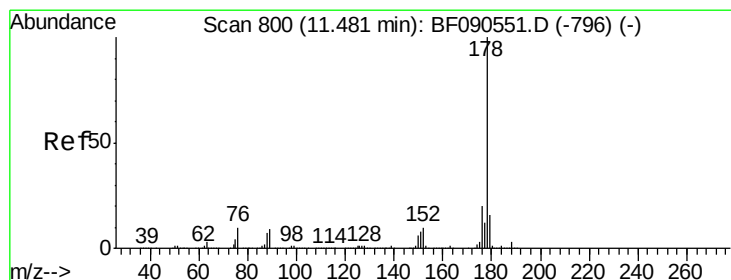
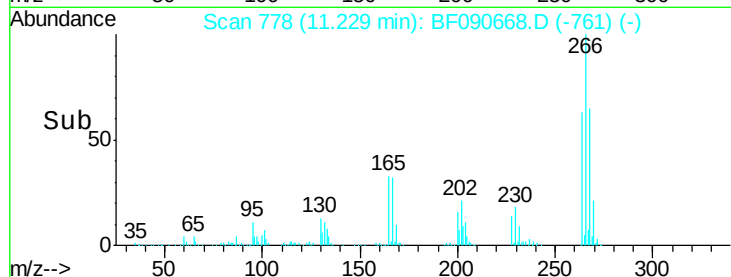
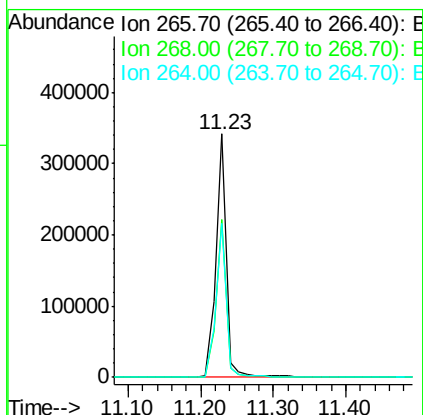
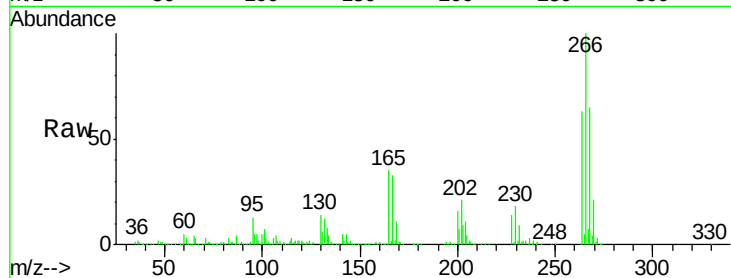




#69
 Pentachlorophenol
 Concen: 74.68 ng
 RT: 11.23 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

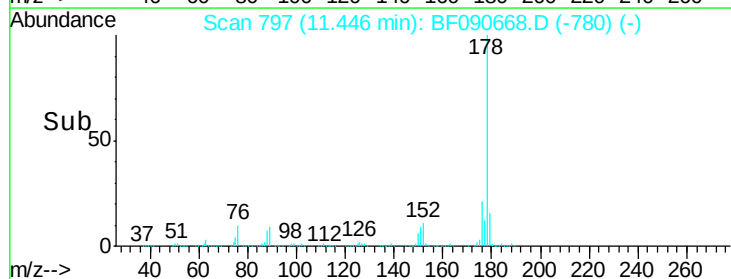
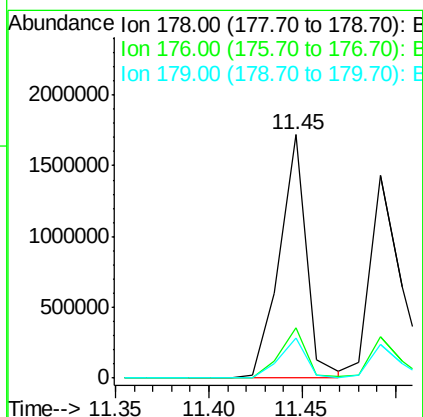
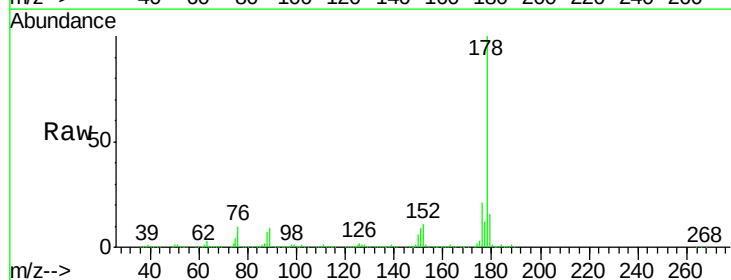
Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

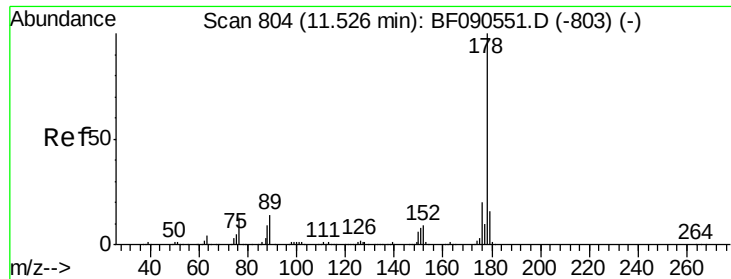
Tgt Ion:266 Resp: 342711
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.5 77.3
 264 63.0 47.9 71.9



#70
 Phenanthrene
 Concen: 40.74 ng
 RT: 11.45 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion:178 Resp: 1728732
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.1 24.1
 179 16.3 12.6 19.0

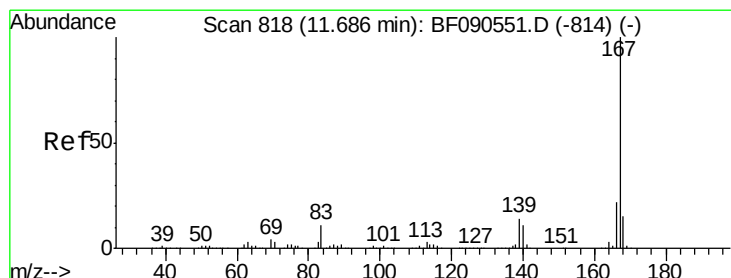
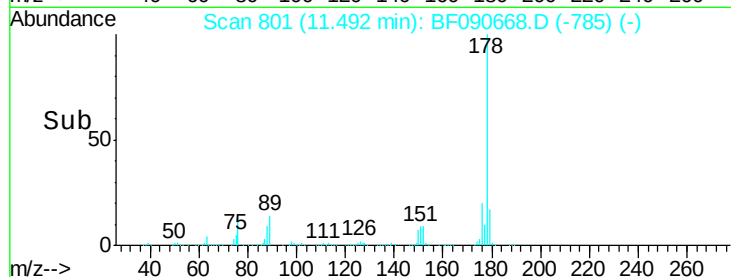
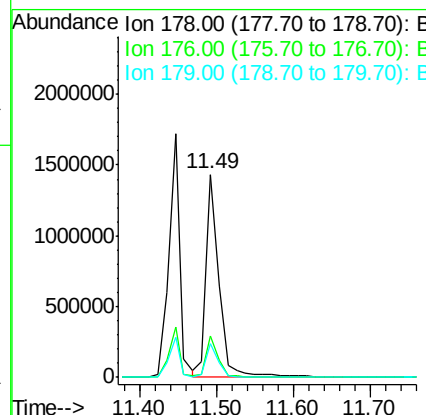
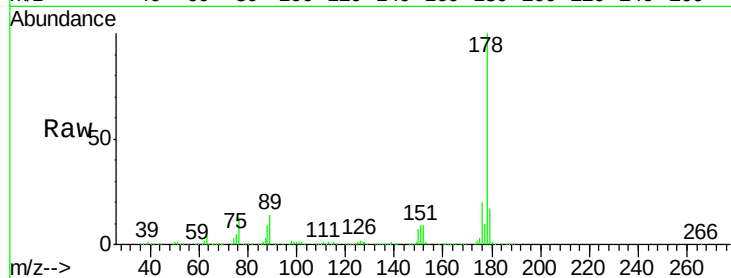




#71
 Anthracene
 Concen: 36.48 ng
 RT: 11.49 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

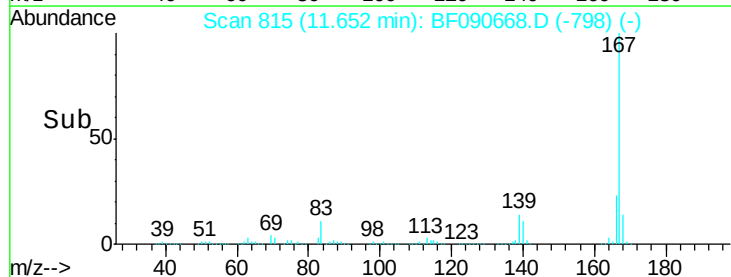
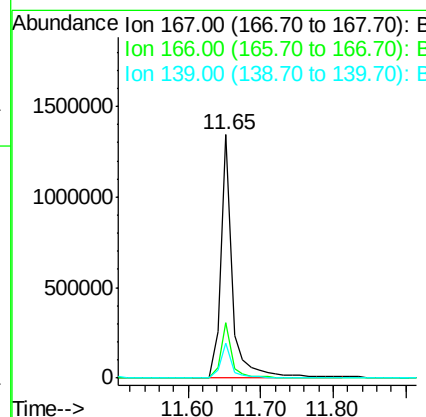
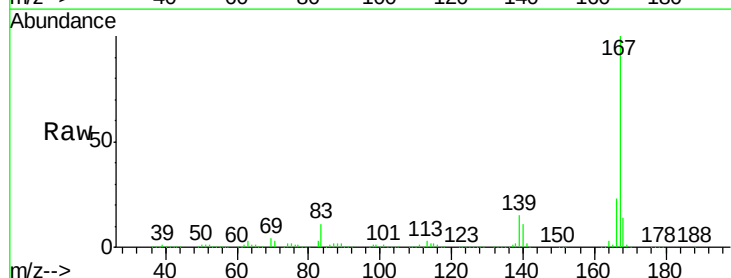
Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

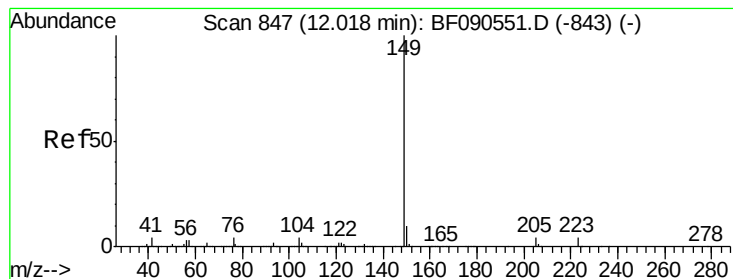
Tgt Ion:178 Resp: 1665981
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.5 23.3
 179 16.5 13.0 19.4



#72
 Carbazole
 Concen: 36.62 ng
 RT: 11.65 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion:167 Resp: 1496761
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.8
 139 14.6 11.3 16.9





#73

Di-n-butylphthalate

Concen: 43.72 ng

RT: 11.98 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

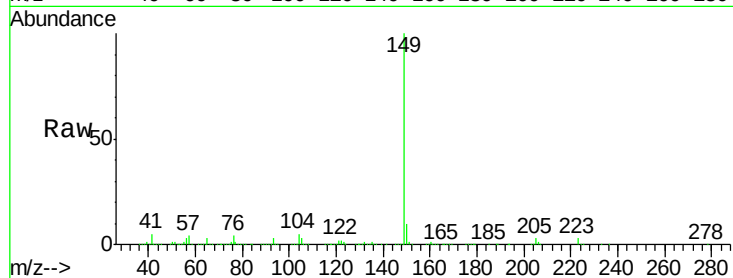
Tgt Ion:149 Resp: 2093796

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

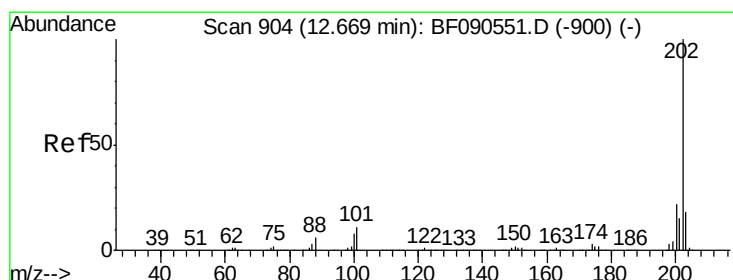
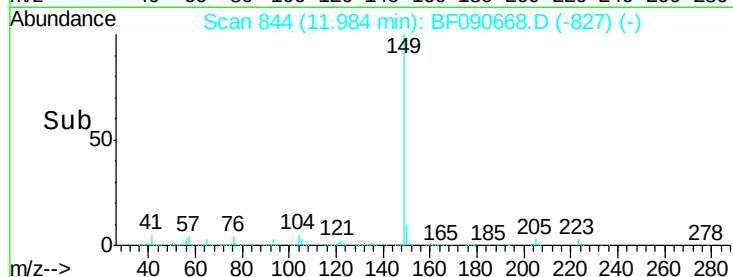
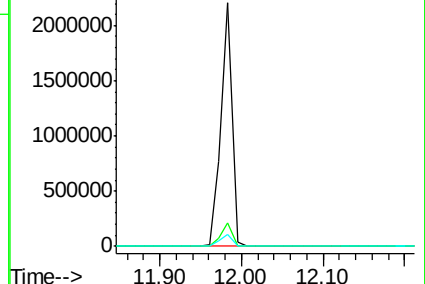
104 4.9 3.3 4.9



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: 34.72 ng

RT: 12.64 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

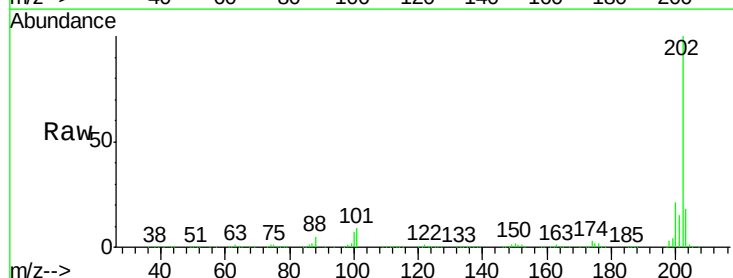
Tgt Ion:202 Resp: 1481649

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.1

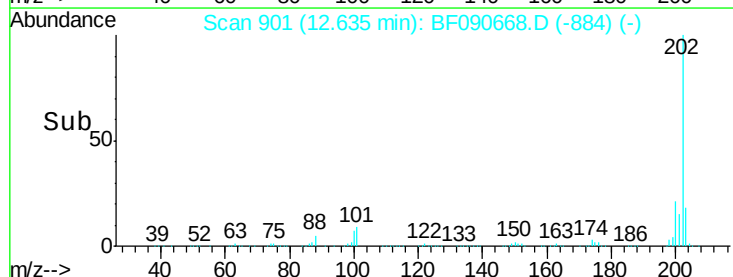
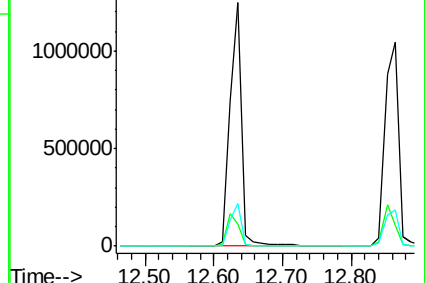
203 17.8 0.0 38.0

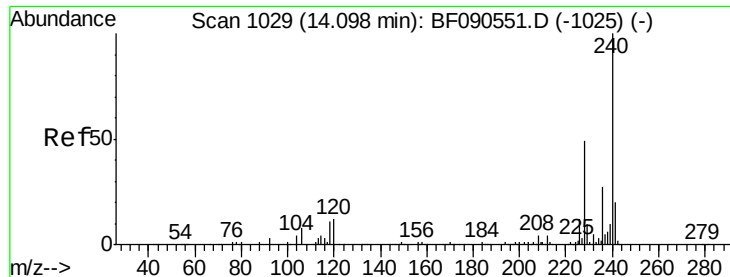


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

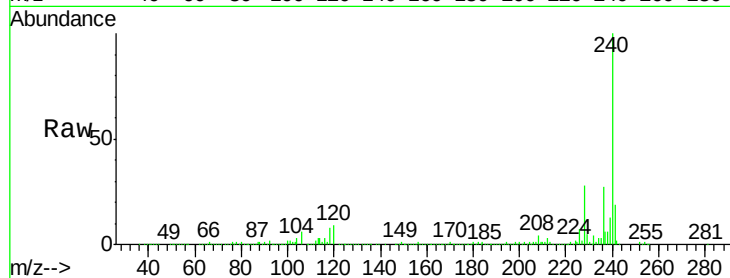
Tgt Ion:240 Resp: 525504

Ion Ratio Lower Upper

240 100

120 9.0 9.8 14.8#

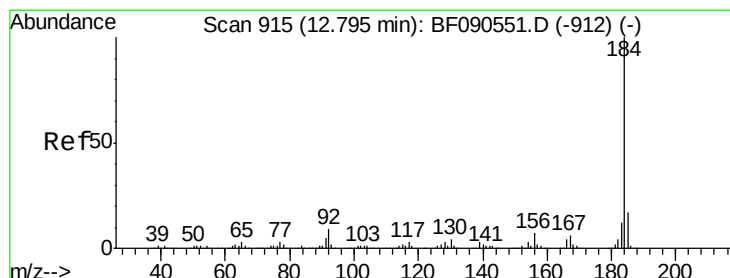
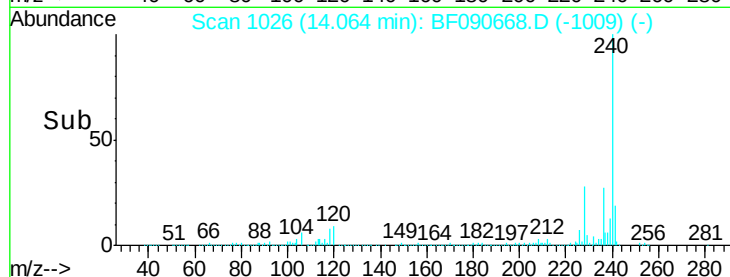
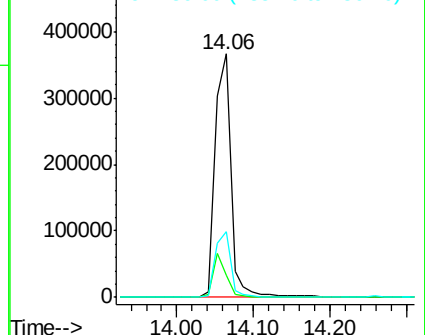
236 26.7 21.7 32.5



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: 5.88 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

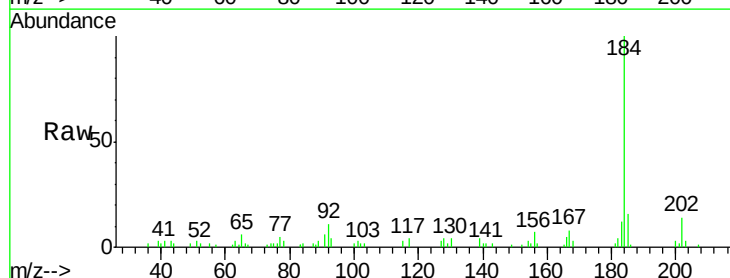
Tgt Ion:184 Resp: 76823

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.0

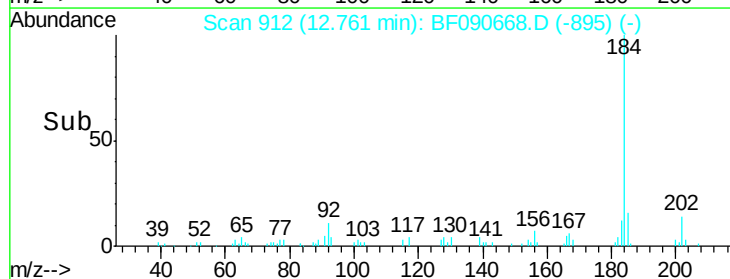
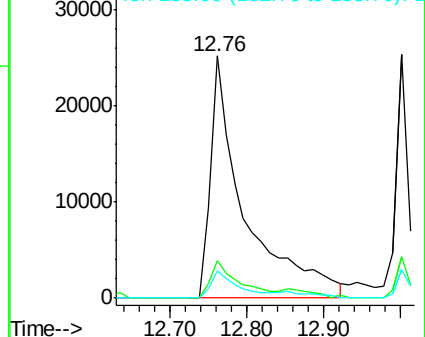
183 11.5 9.4 14.0

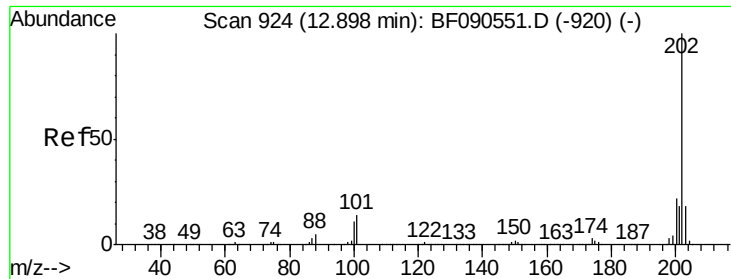


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

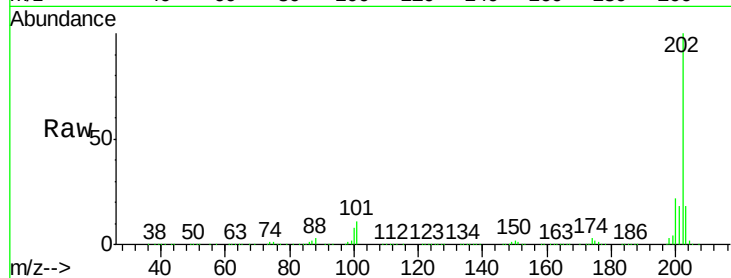




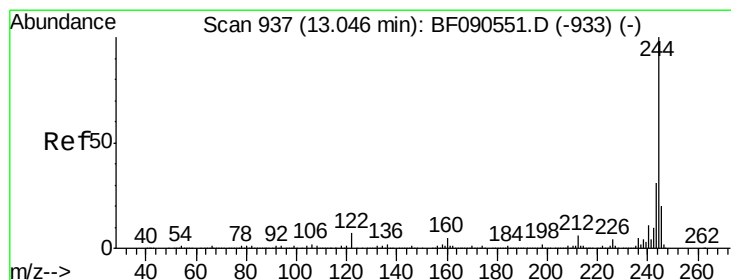
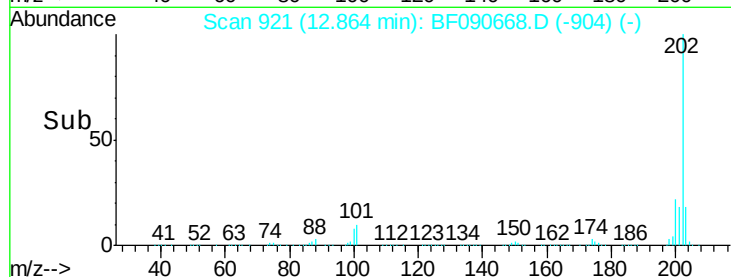
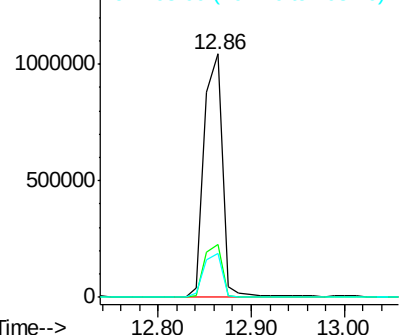
#77
 Pyrene
 Concen: 40.66 ng
 RT: 12.86 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tgt Ion: 202 Resp: 1415049
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.8 26.6
 203 17.8 14.6 21.8

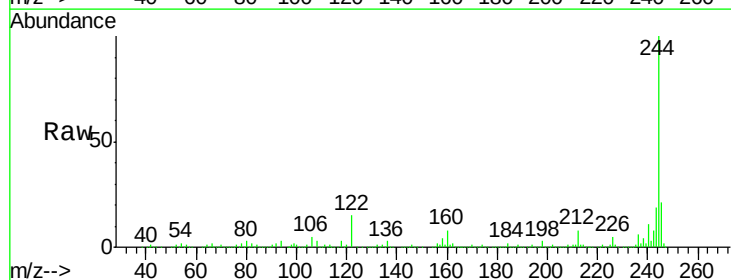


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

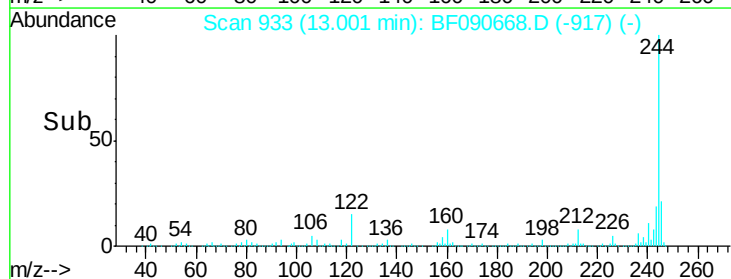
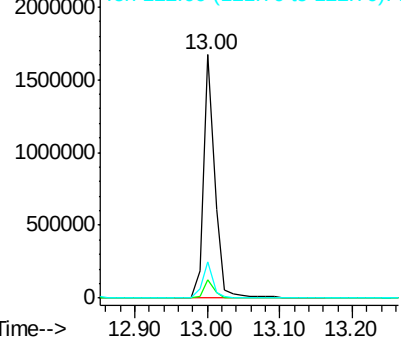


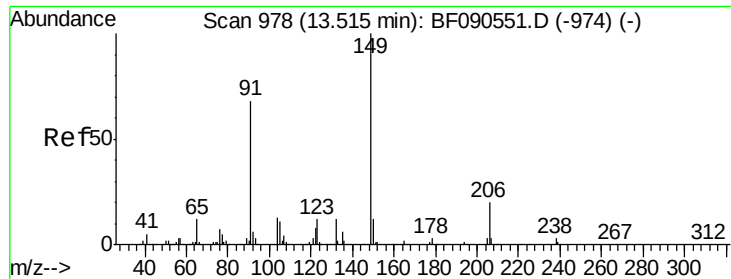
#78
 Terphenyl-d14
 Concen: 80.47 ng
 RT: 13.00 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion: 244 Resp: 1816256
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.0 7.4#
 122 15.0 5.6 8.4#



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

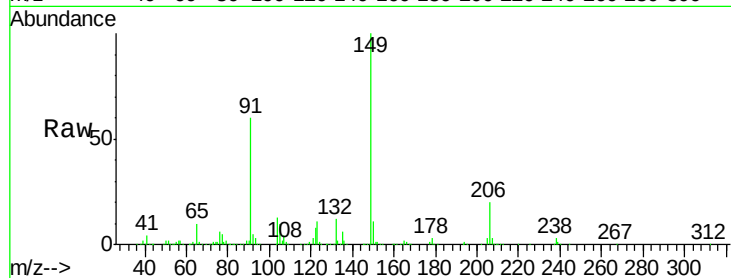




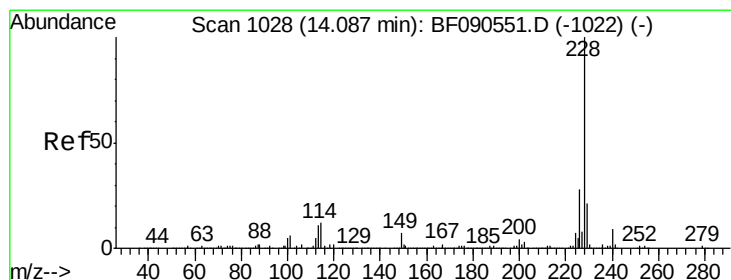
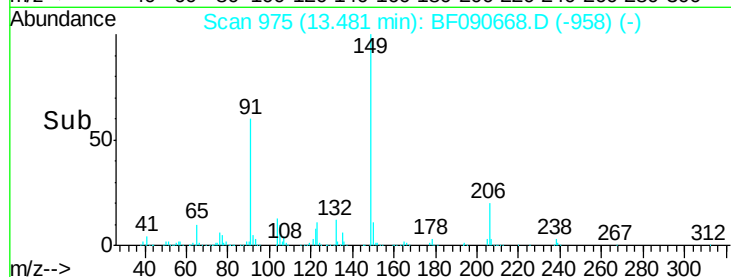
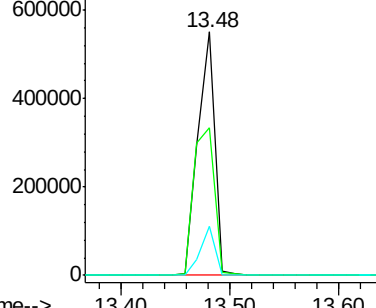
#79
Butylbenzylphthalate
Concen: 38.70 ng
RT: 13.48 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tgt Ion:149 Resp: 596773
Ion Ratio Lower Upper
149 100
91 60.4 54.3 81.5
206 20.0 15.8 23.6

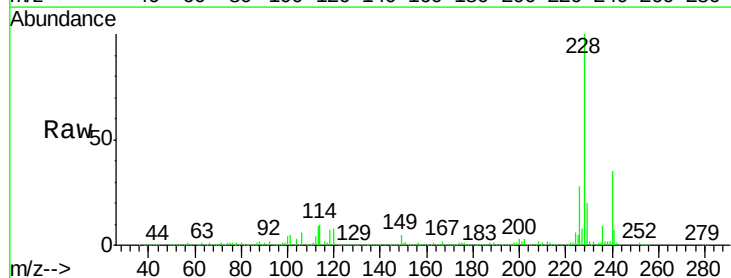


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

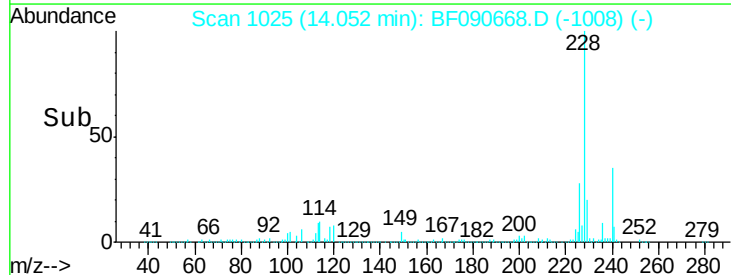
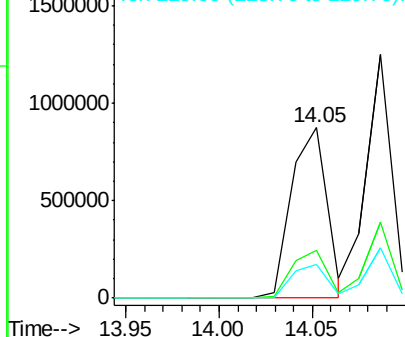


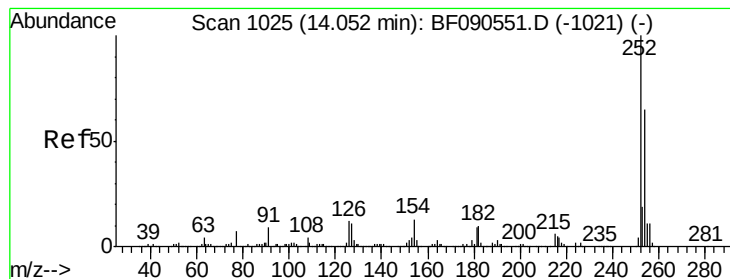
#80
Benzo(a)anthracene
Concen: 39.12 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion:228 Resp: 1170179
Ion Ratio Lower Upper
228 100
226 27.9 22.8 34.2
229 20.0 16.6 25.0



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

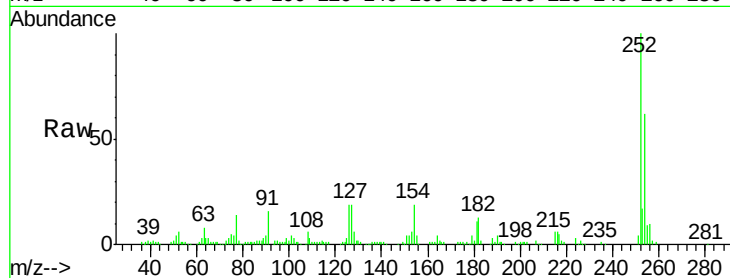




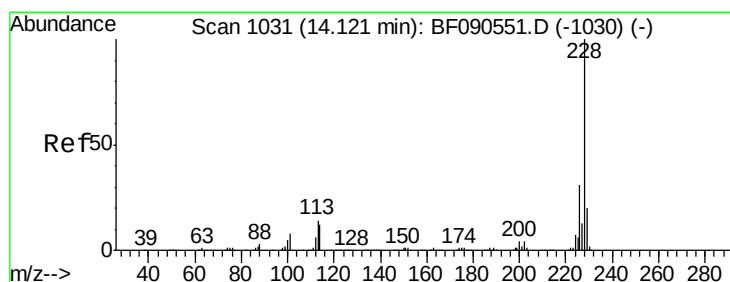
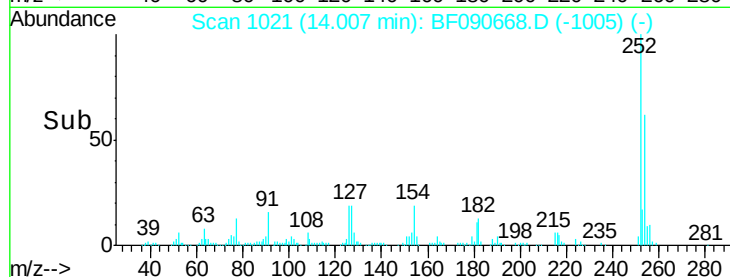
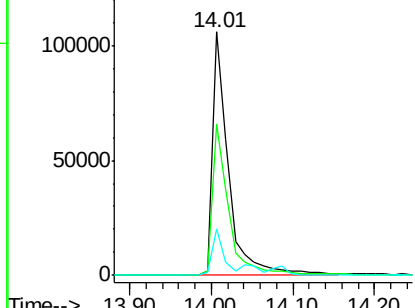
#81
 3,3'-Dichlorobenzidine
 Concen: 14.36 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tgt Ion:252 Resp: 146787
 Ion Ratio Lower Upper
 252 100
 254 62.3 52.1 78.1
 126 19.3 9.3 13.9#

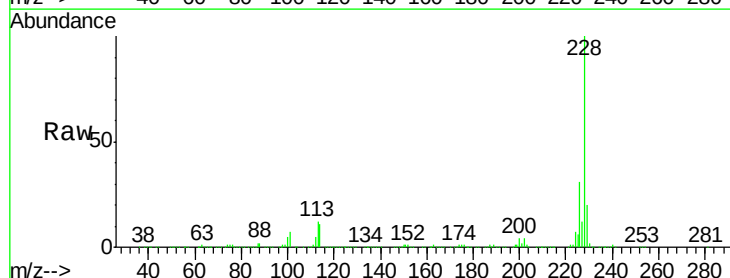


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

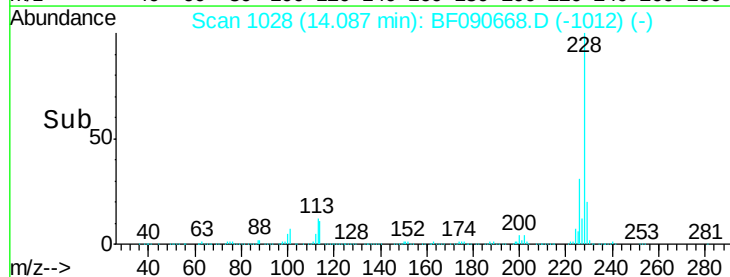
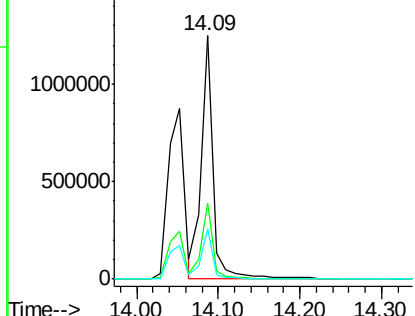


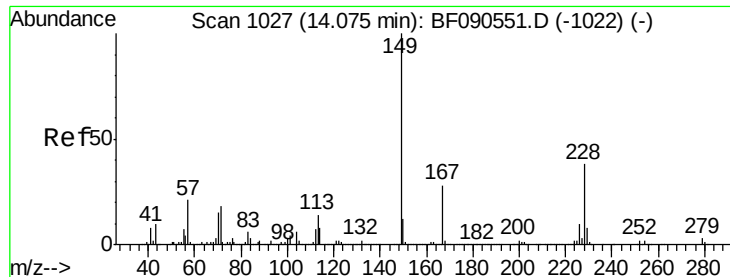
#82
 Chrysene
 Concen: 43.93 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion:228 Resp: 1266276
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.8 37.2
 229 20.4 16.2 24.4



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: 49.15 ng

RT: 14.04 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampled :

PB94179BS

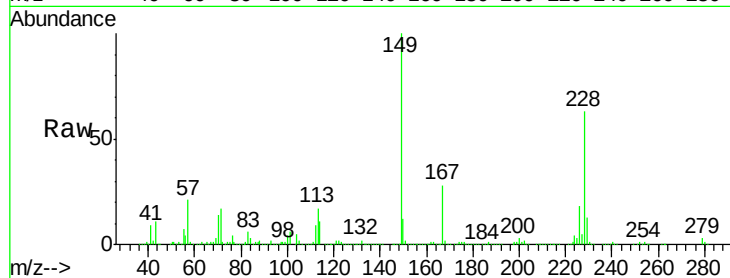
Tgt Ion:149 Resp: 1022448

Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

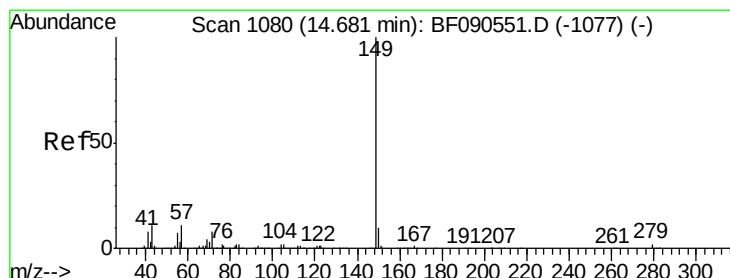
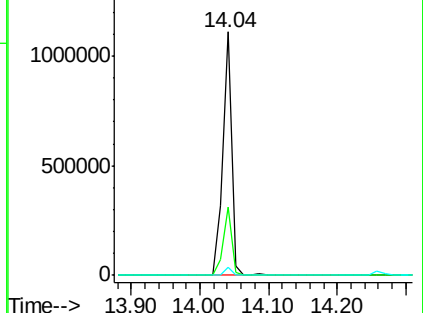
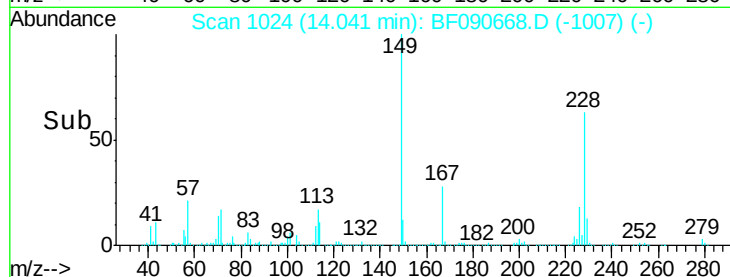
279 3.4 2.6 4.0



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: 53.42 ng

RT: 14.65 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

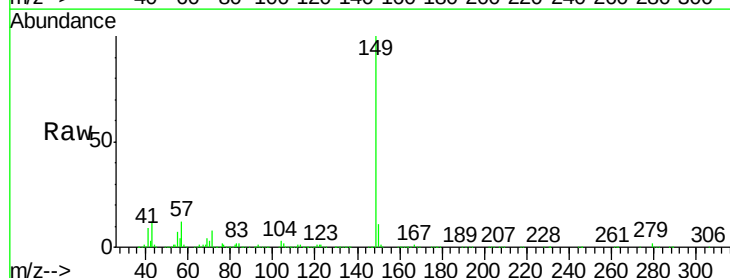
Tgt Ion:149 Resp: 1489994

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

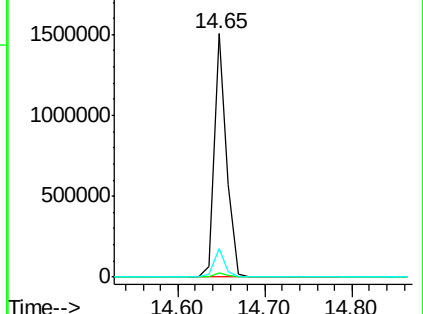
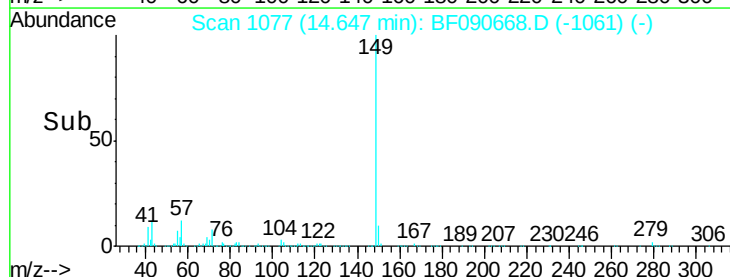
43 10.8 6.7 10.1#

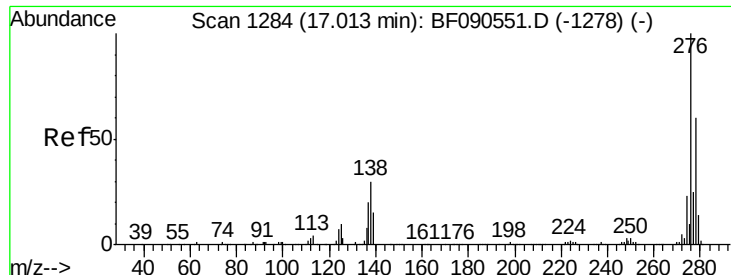


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

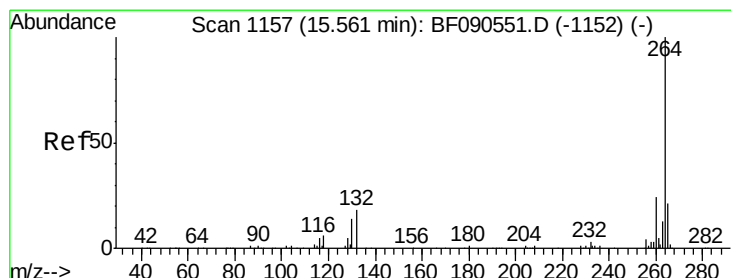
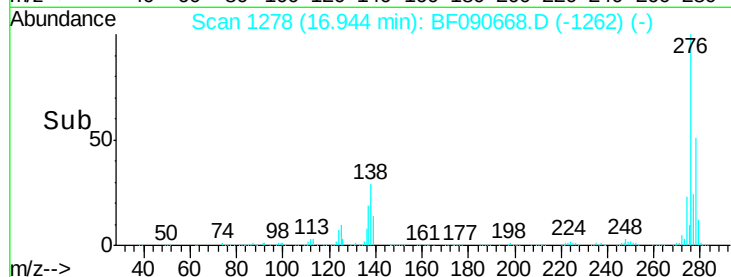
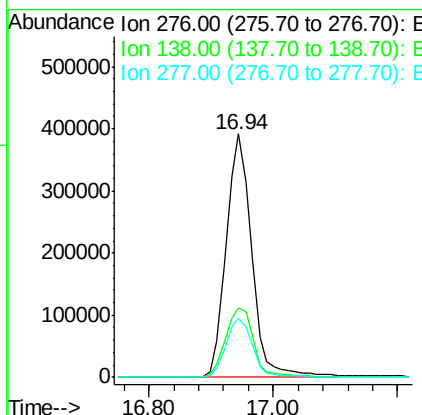
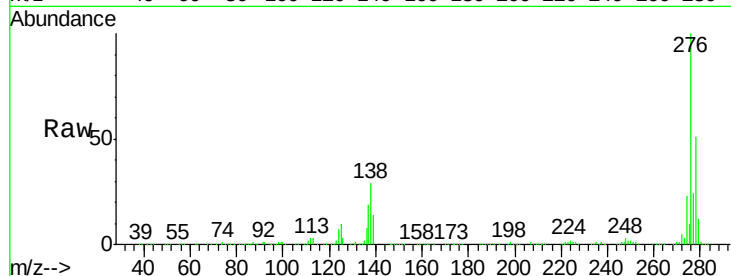




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 67.35 ng
 RT: 16.94 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

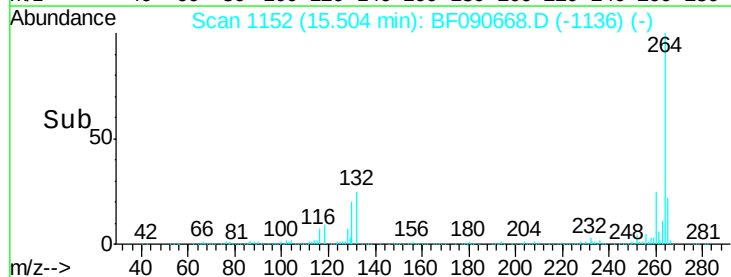
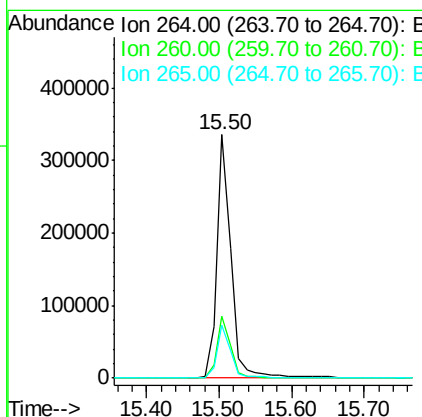
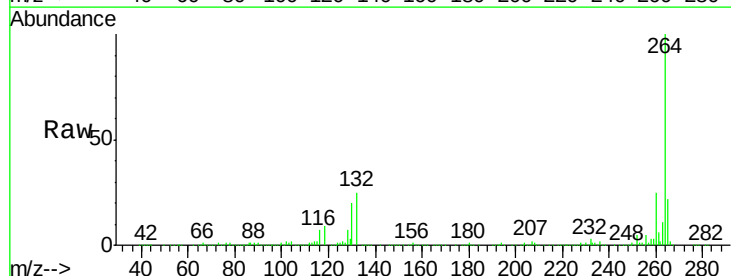
Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

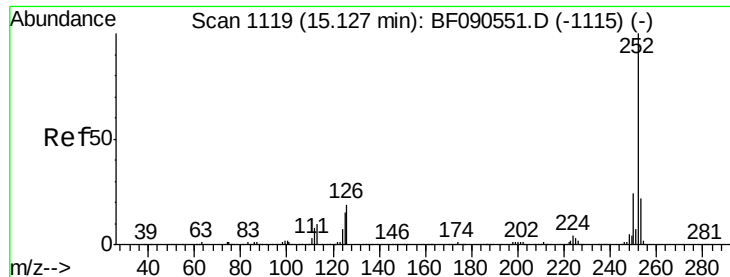
Tgt Ion:276 Resp: 1122550
 Ion Ratio Lower Upper
 276 100
 138 31.7 25.8 38.6
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion:264 Resp: 453444
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.3 28.9
 265 21.9 16.7 25.1

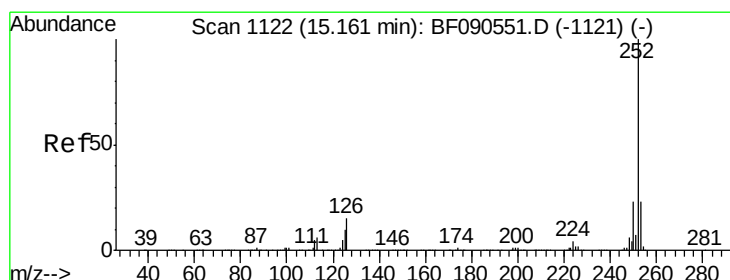
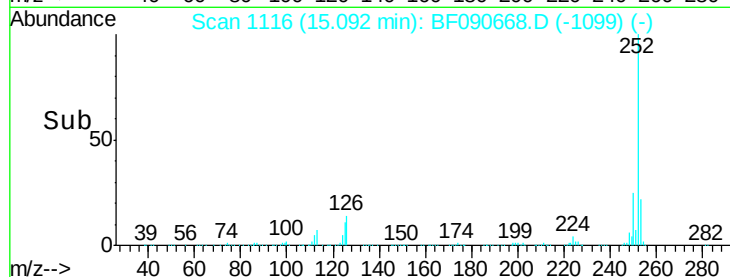
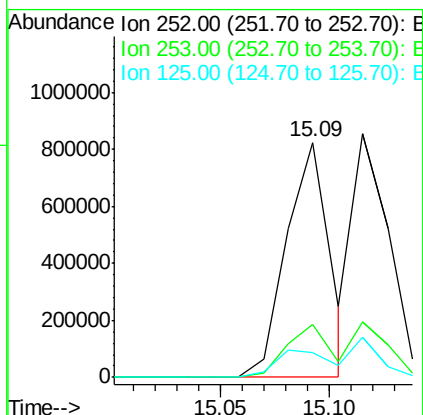
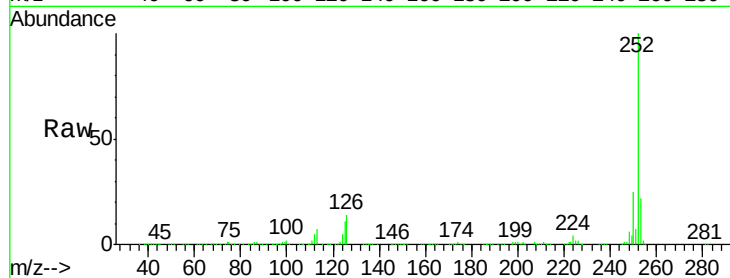




#87
Benzo(b)fluoranthene
Concen: 38.42 ng
RT: 15.09 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

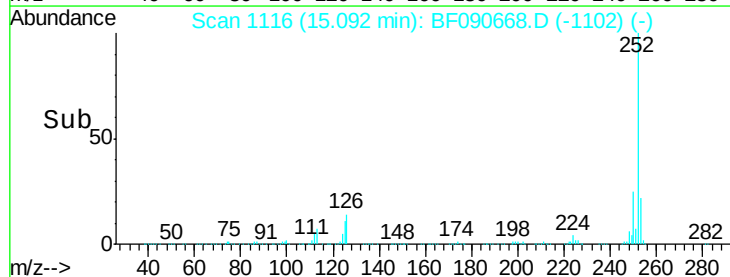
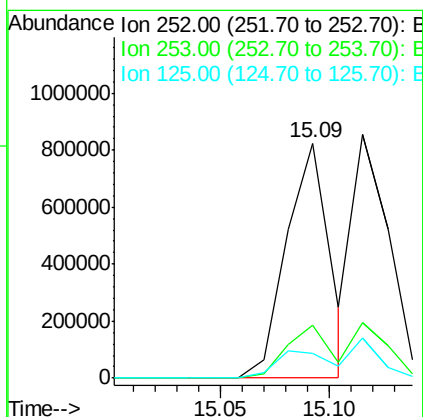
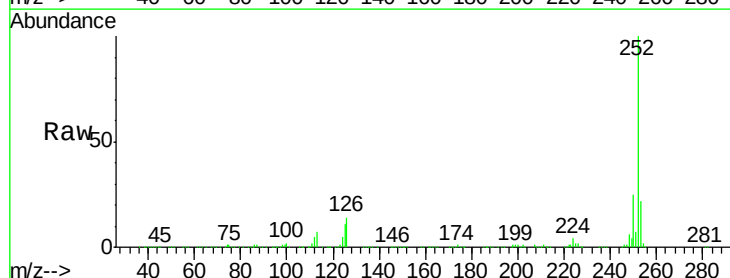
Instrument :
BNA_F
ClientSampleId :
PB94179BS

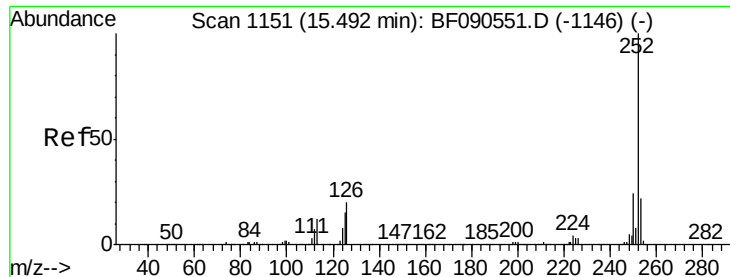
Tgt Ion:252 Resp: 1140088
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.7 12.0 18.0#



#88
Benzo(k)fluoranthene
Concen: 35.71 ng
RT: 15.09 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion:252 Resp: 1140088
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.7 10.0 15.0

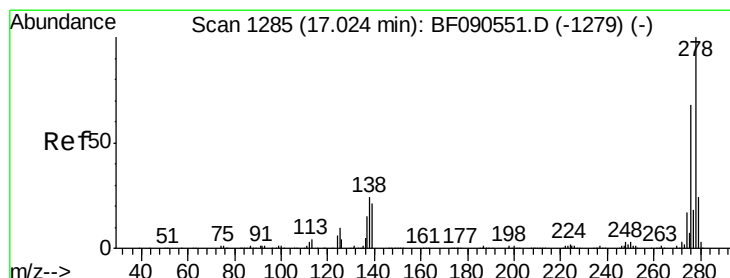
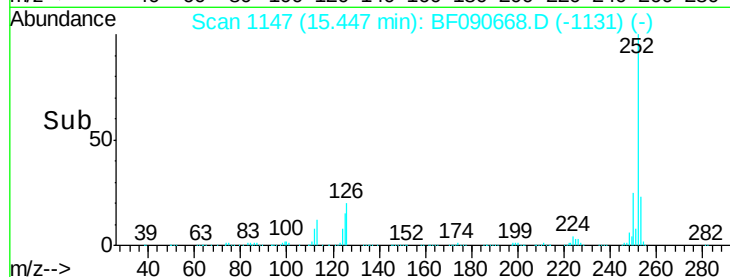
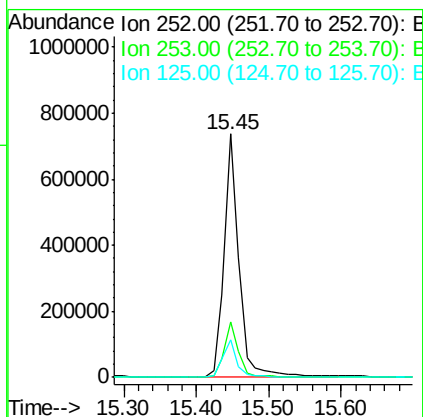
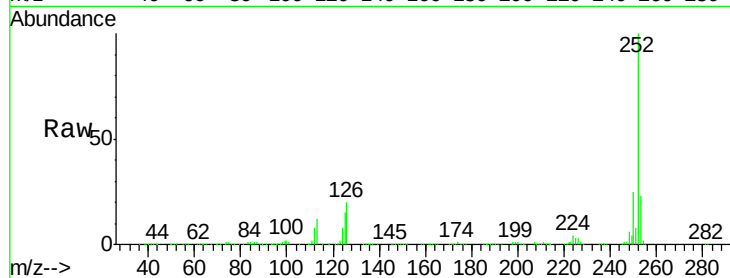




#89
Benzo(a)pyrene
Concen: 38.42 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

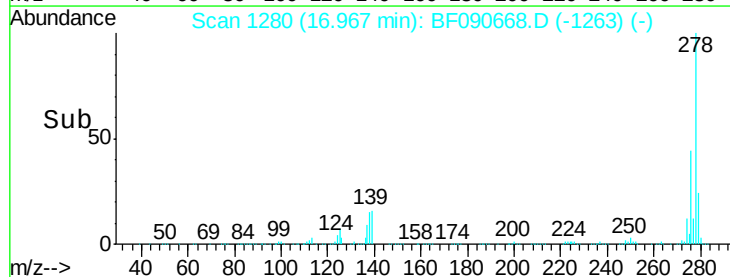
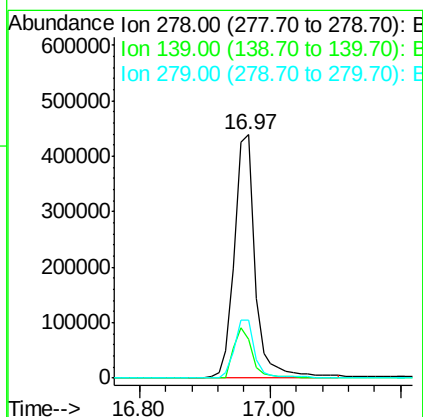
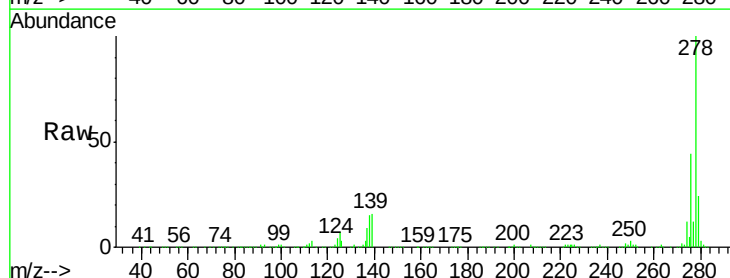
Instrument :
BNA_F
ClientSampleId :
PB94179BS

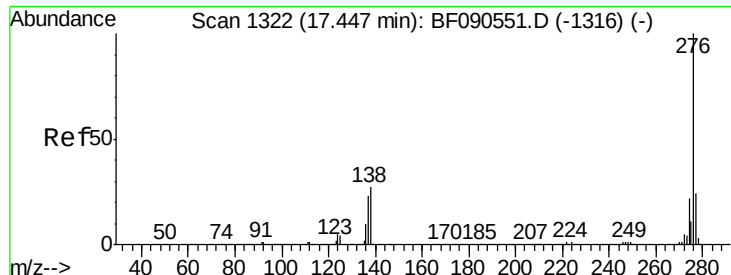
Tgt Ion: 252 Resp: 1043730
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 15.5 12.3 18.5



#90
Dibenzo(a,h)anthracene
Concen: 46.92 ng
RT: 16.97 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion: 278 Resp: 971935
Ion Ratio Lower Upper
278 100
139 16.2 16.6 25.0#
279 23.6 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 43.40 ng

RT: 17.38 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

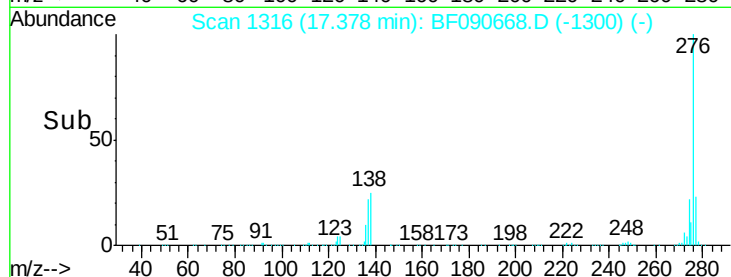
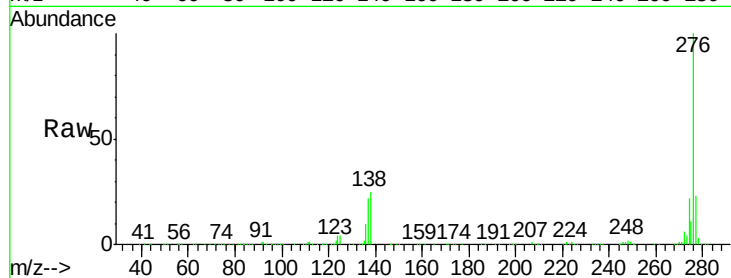
Tgt Ion: 276 Resp: 857389

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 25.3 21.8 32.8



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

