

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090380.D
 Acq On : 5 Oct 2016 14:41
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Quant Time: Oct 05 15:18:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	245426	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1030356	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	507956	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	843833	20.00	ng	0.00
75) Chrysene-d12	14.20	240	670285	20.00	ng	0.00
86) Perylene-d12	15.70	264	438854	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1321775	80.38	ng	0.00
7) Phenol-d6	6.62	99	1760476	81.74	ng	0.00
23) Nitrobenzene-d5	7.57	82	1767738	83.45	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	363883	88.10	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2715088	89.06	ng	0.00
78) Terphenyl-d14	13.14	244	2327401	78.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	330396	40.76	ng	# 94
3) Pyridine	3.49	79	950043	42.03	ng	86
4) n-Nitrosodimethylamine	3.43	42	389164	41.72	ng	# 66
6) Aniline	6.67	93	1259663	42.34	ng	97
8) 2-Chlorophenol	6.78	128	720917	39.84	ng	86
9) Benzaldehyde	6.54	77	441645	40.57	ng	88
10) Phenol	6.63	94	1006505	40.19	ng	97
11) bis(2-Chloroethyl)ether	6.74	93	807855	42.14	ng	93
12) 1,3-Dichlorobenzene	6.94	146	719291	39.87	ng	# 91
13) 1,4-Dichlorobenzene	7.02	146	799714	43.65	ng	98
14) 1,2-Dichlorobenzene	7.18	146	687286	38.93	ng	94
15) Benzyl Alcohol	7.14	79	672537	41.08	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1366757	42.03	ng	93
17) 2-Methylphenol	7.25	107	597303	40.13	ng	99
18) Hexachloroethane	7.53	117	302749	41.91	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	682221	43.20	ng	# 82
20) 3+4-Methylphenols	7.41	107	836203	43.41	ng	# 71
22) Acetophenone	7.41	105	960572	39.36	ng	# 97
24) Nitrobenzene	7.58	77	838632	39.88	ng	93
25) Isophorone	7.83	82	1624298	41.94	ng	98
26) 2-Nitrophenol	7.90	139	350751	38.75	ng	# 70
27) 2,4-Dimethylphenol	7.94	122	660034	37.50	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	1032277	45.07	ng	98
29) 2,4-Dichlorophenol	8.14	162	526002	39.31	ng	# 86
30) 1,2,4-Trichlorobenzene	8.23	180	589543	42.74	ng	99
31) Naphthalene	8.31	128	1882614	37.87	ng	99
32) Benzoic acid	8.06	122	549391	44.90	ng	98
33) 4-Chloroaniline	8.36	127	886964	43.17	ng	97
34) Hexachlorobutadiene	8.44	225	329087	42.71	ng	99
35) Caprolactam	8.74	113	186388	41.42	ng	93
36) 4-Chloro-3-methylphenol	8.84	107	700821	41.82	ng	99
37) 2-Methylnaphthalene	9.01	142	1329888	44.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	533852	39.86	ng	97
40) Hexachlorocyclopentadiene	9.17	237	322532	43.94	ng	96

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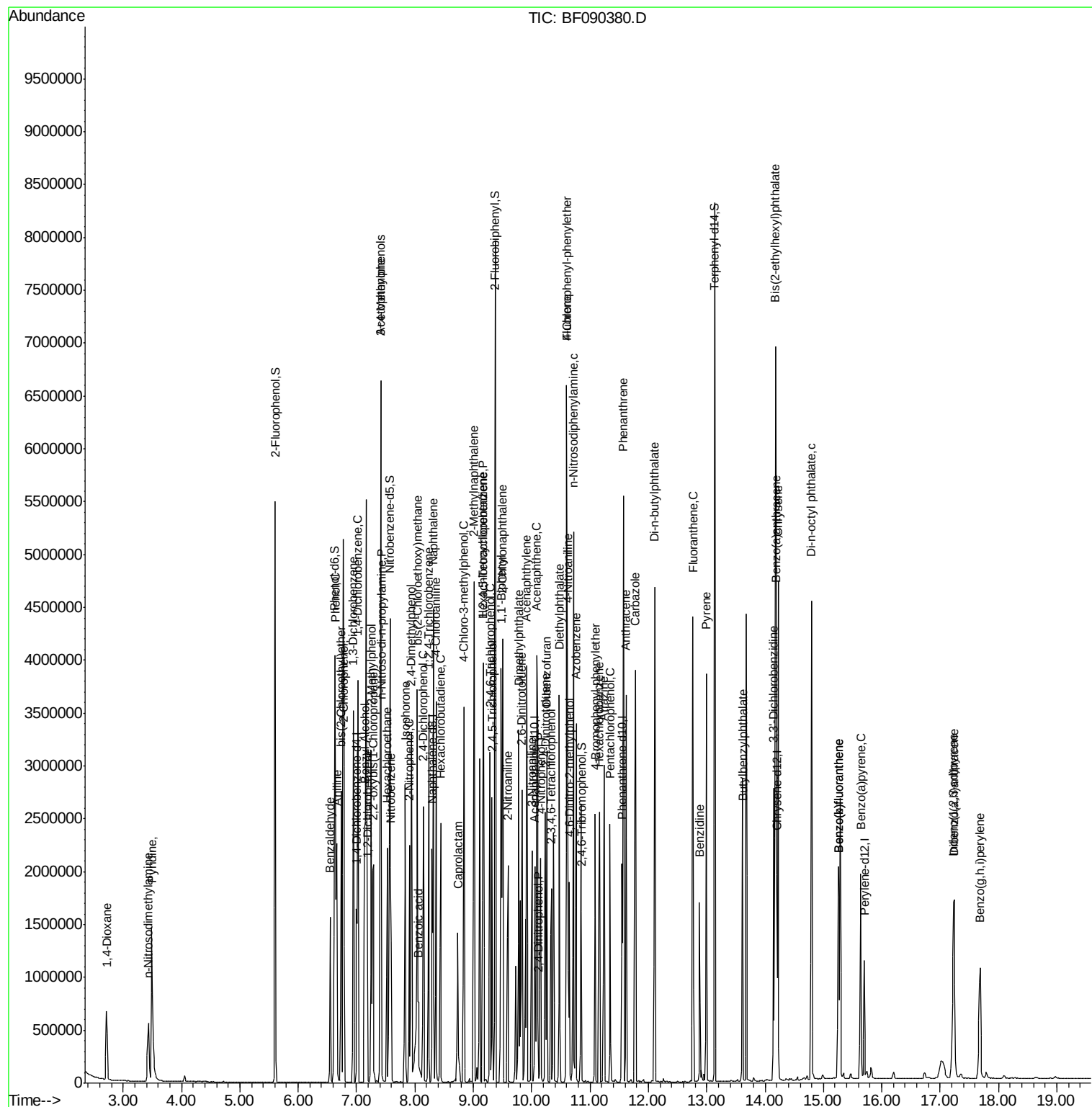
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	422800	45.75	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	337209	38.59	ng	94
45) 1,1'-Biphenyl	9.48	154	1609910	42.77	ng	95
46) 2-Chloronaphthalene	9.50	162	1277610	45.94	ng	96
47) 2-Nitroaniline	9.59	65	491655	44.80	ng	87
48) Acenaphthylene	9.91	152	1777522	38.74	ng	99
49) Dimethylphthalate	9.78	163	1427032	43.87	ng	99
50) 2,6-Dinitrotoluene	9.83	165	319910	44.29	ng	90
51) Acenaphthene	10.09	154	1158888	40.50	ng	98
52) 3-Nitroaniline	10.01	138	405804	48.10	ng	93
53) 2,4-Dinitrophenol	10.11	184	145345	45.14	ng	# 86
54) Dibenzofuran	10.26	168	1460192	39.43	ng	# 90
55) 4-Nitrophenol	10.15	139	337705	45.75	ng	95
56) 2,4-Dinitrotoluene	10.23	165	378313	39.36	ng	# 29
57) Fluorene	10.60	166	1316314	42.29	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	297728	45.62	ng	95
59) Diethylphthalate	10.47	149	1366238	40.59	ng	93
60) 4-Chlorophenyl-phenylether	10.60	204	656767	46.41	ng	# 88
61) 4-Nitroaniline	10.61	138	379367	44.63	ng	94
62) Azobenzene	10.76	77	1741139	44.79	ng	91
64) 4,6-Dinitro-2-methylphenol	10.65	198	215340	38.96	ng	# 74
65) n-Nitrosodiphenylamine	10.71	169	1133460	40.08	ng	97
66) 4-Bromophenyl-phenylether	11.09	248	361616	43.72	ng	92
67) Hexachlorobenzene	11.16	284	408838	44.38	ng	95
68) Atrazine	11.24	200	280307	40.20	ng	98
69) Pentachlorophenol	11.34	266	214743	39.16	ng	98
70) Phenanthrene	11.57	178	1819922	42.12	ng	99
71) Anthracene	11.62	178	1716882	38.91	ng	98
72) Carbazole	11.78	167	1814147	44.25	ng	98
73) Di-n-butylphthalate	12.11	149	2226358	44.62	ng	98
74) Fluoranthene	12.76	202	1566274	36.96	ng	95
76) Benzidine	12.88	184	673994	38.24	ng	97
77) Pyrene	12.99	202	1685894	37.72	ng	99
79) Butylbenzylphthalate	13.62	149	890937	38.85	ng	92
80) Benzo(a)anthracene	14.19	228	1552404	41.28	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	502739	36.87	ng	# 95
82) Chrysene	14.22	228	1384338	40.00	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1386945	42.55	ng	98
84) Di-n-octyl phthalate	14.80	149	1991669	41.21	ng	94
85) Indeno(1,2,3-cd)pyrene	17.23	276	1030794	41.77	ng	# 93
87) Benzo(b)fluoranthene	15.26	252	1212756	43.38	ng	99
88) Benzo(k)fluoranthene	15.26	252	1212756	46.19	ng	# 95
89) Benzo(a)pyrene	15.64	252	994467	41.27	ng	99
90) Dibenzo(a,h)anthracene	17.24	278	859943	41.95	ng	# 93
91) Benzo(g,h,i)perylene	17.69	276	822417	41.81	ng	96

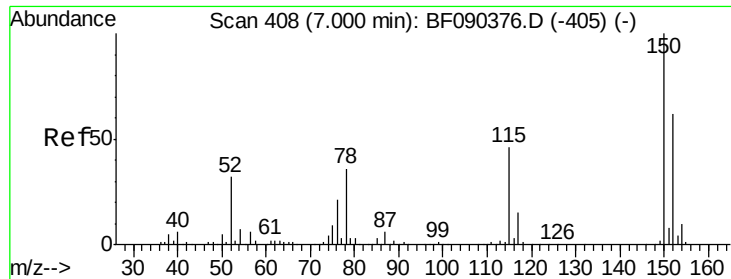
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

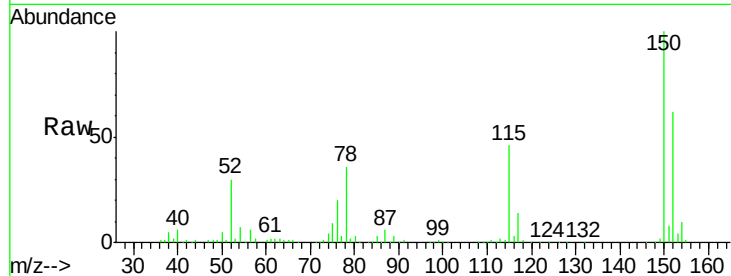
Tgt Ion:152 Resp: 245426

Ion Ratio Lower Upper

152 100

150 160.7 124.6 186.8

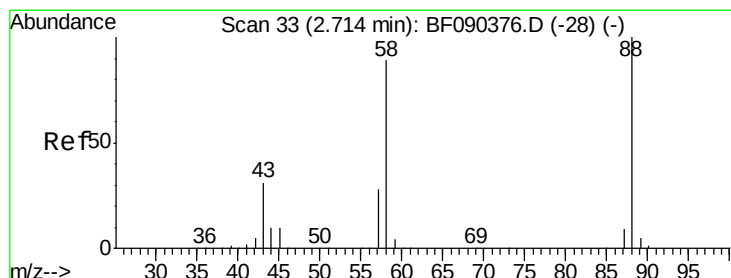
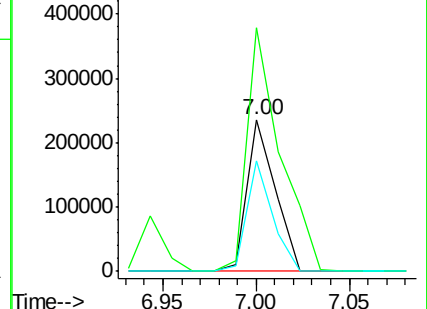
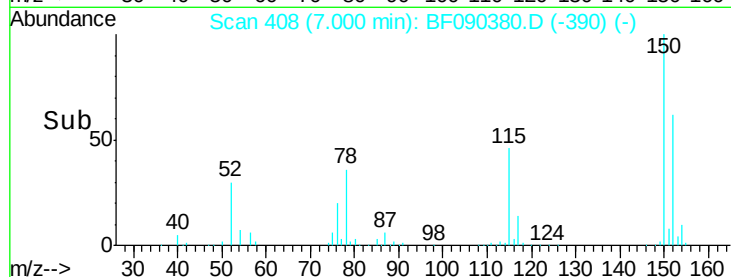
115 73.2 46.2 69.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.76 ng

RT: 2.71 min Scan# 33

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

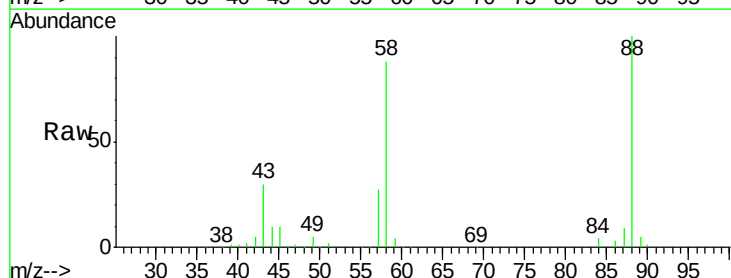
Tgt Ion: 88 Resp: 330396

Ion Ratio Lower Upper

88 100

58 85.7 71.2 106.8

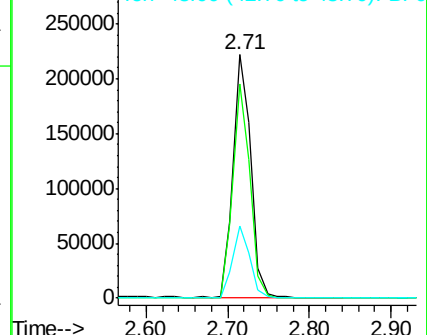
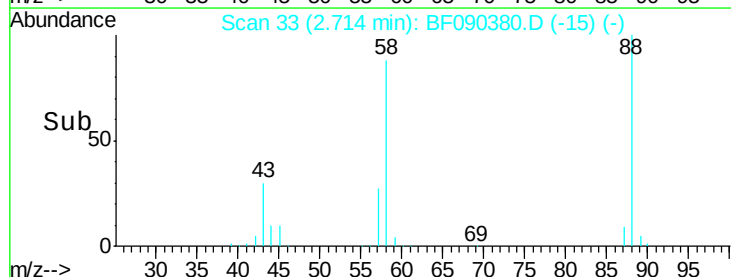
43 29.1 29.8 44.6#

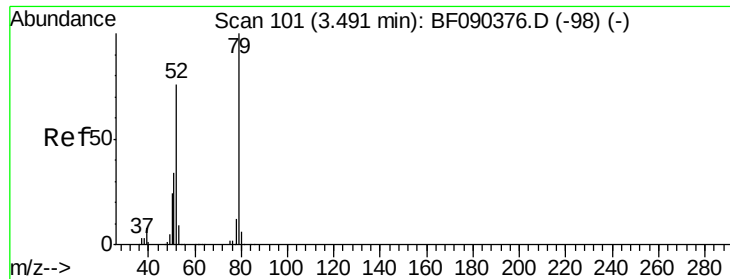


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.03 ng

RT: 3.49 min Scan# 101

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

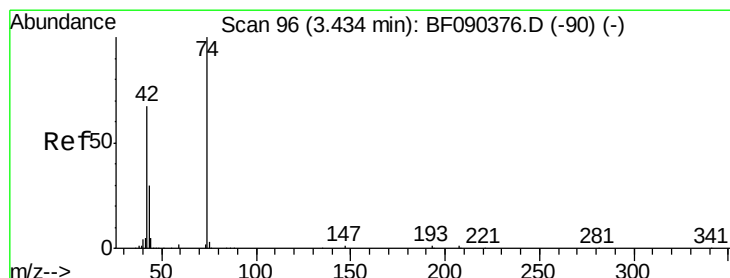
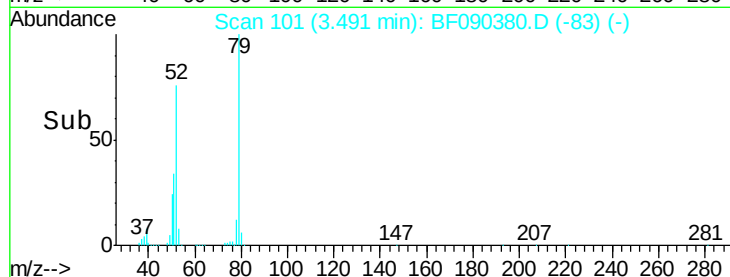
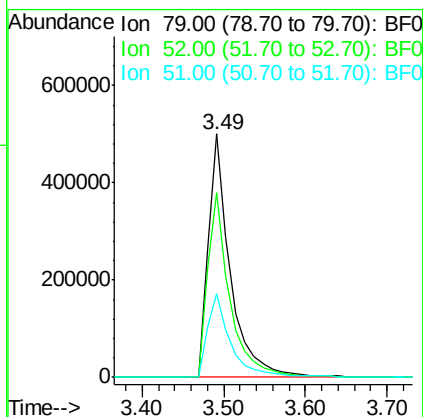
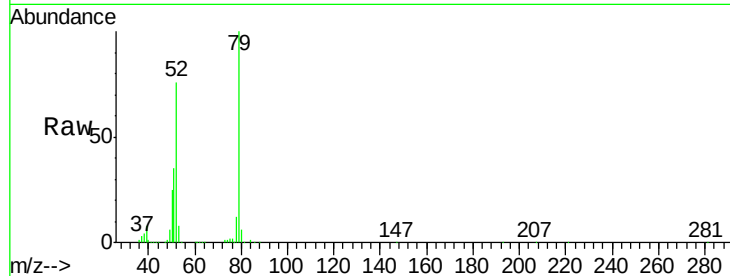
Tgt Ion: 79 Resp: 950043

Ion Ratio Lower Upper

79 100

52 75.8 71.3 106.9

51 34.6 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 41.72 ng

RT: 3.43 min Scan# 96

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

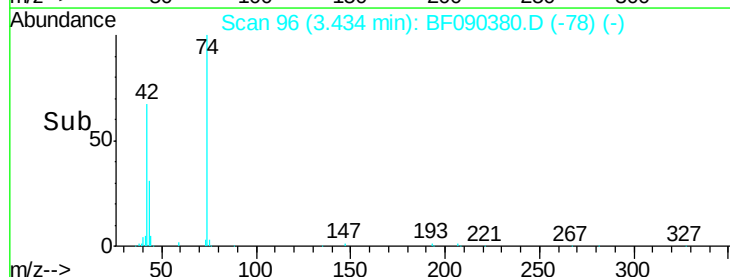
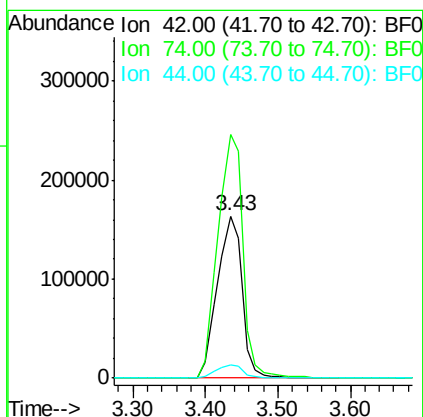
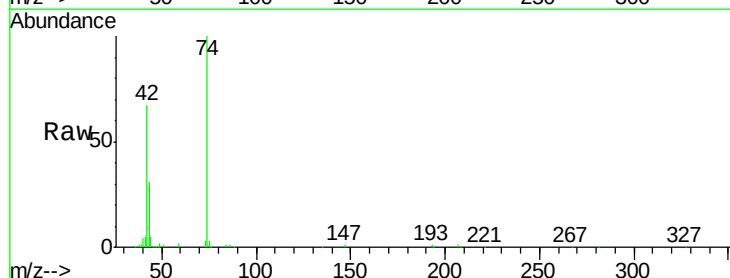
Tgt Ion: 42 Resp: 389164

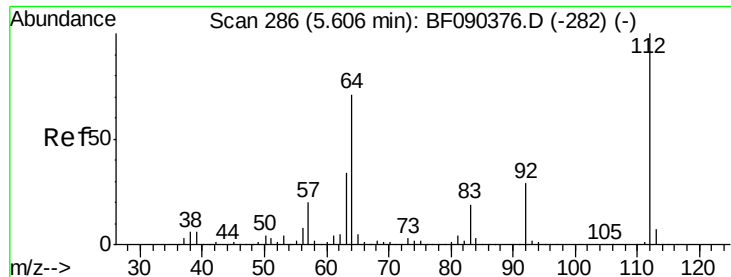
Ion Ratio Lower Upper

42 100

74 150.0 88.9 133.3#

44 7.9 6.5 9.7





#5

2-Fluorophenol

Concen: 80.38 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

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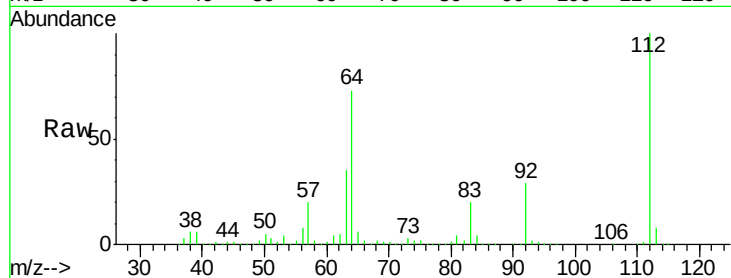
Tgt Ion: 112 Resp: 1321775

Ion Ratio Lower Upper

112 100

64 72.8 57.9 86.9

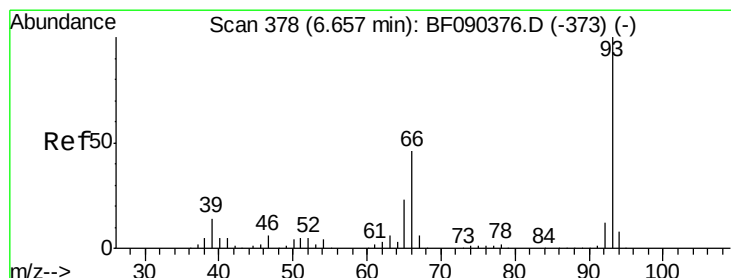
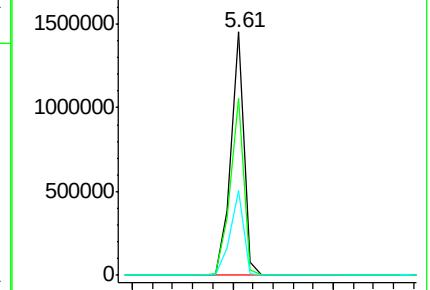
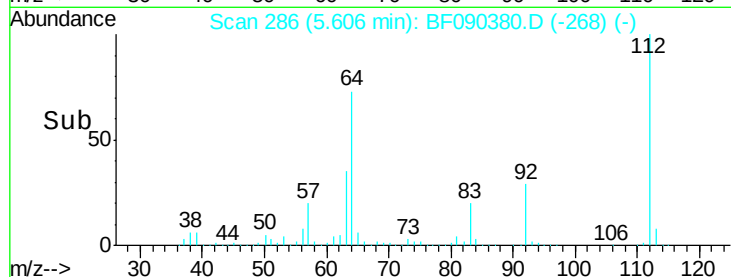
63 34.8 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.34 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

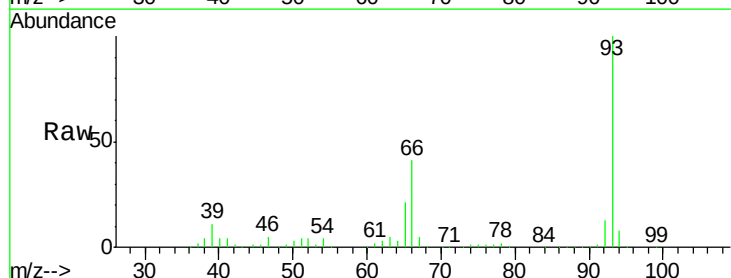
Tgt Ion: 93 Resp: 1259663

Ion Ratio Lower Upper

93 100

66 41.4 34.5 51.7

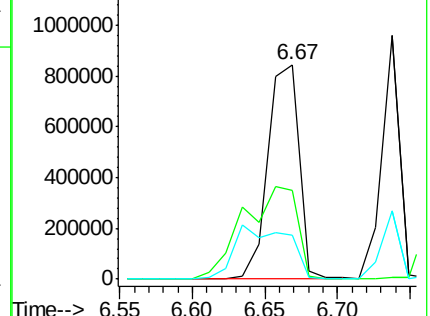
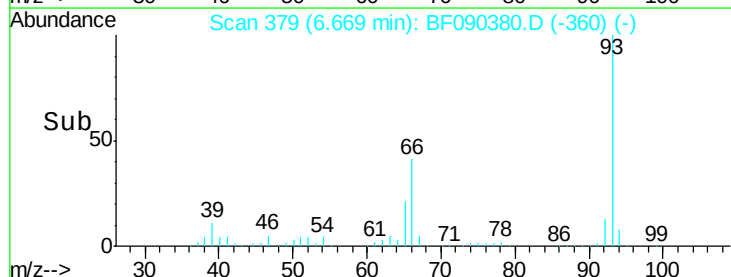
65 20.7 18.2 27.2

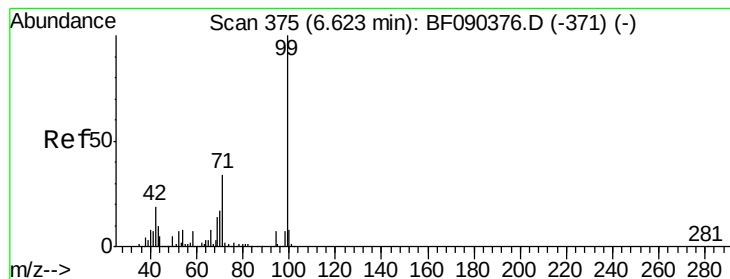


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.74 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.00 min

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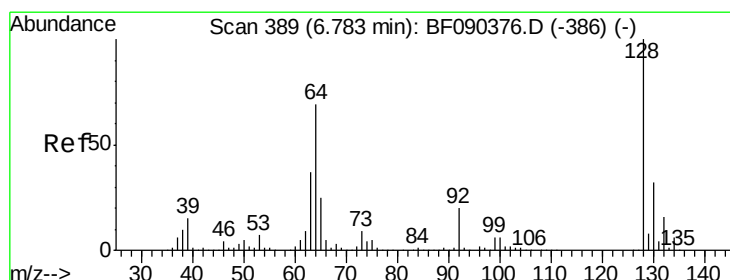
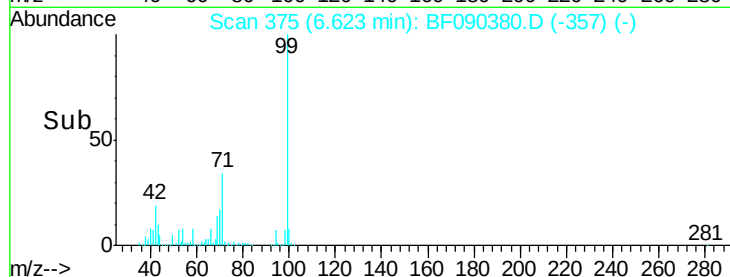
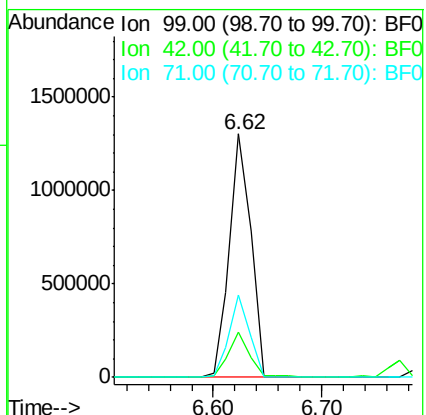
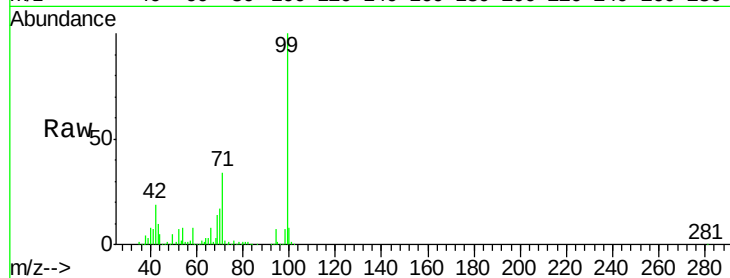
Tgt Ion: 99 Resp: 1760476

Ion Ratio Lower Upper

99 100

42 18.7 20.0 30.0#

71 33.7 27.9 41.9



#8

2-Chlorophenol

Concen: 39.84 ng

RT: 6.78 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

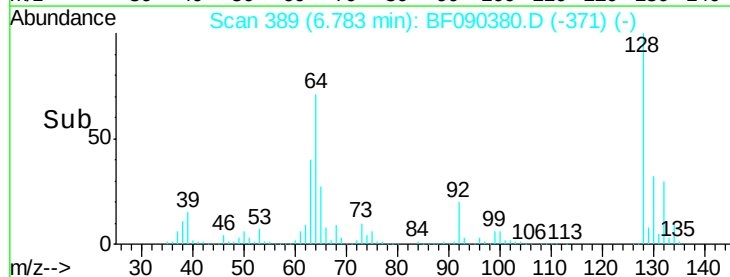
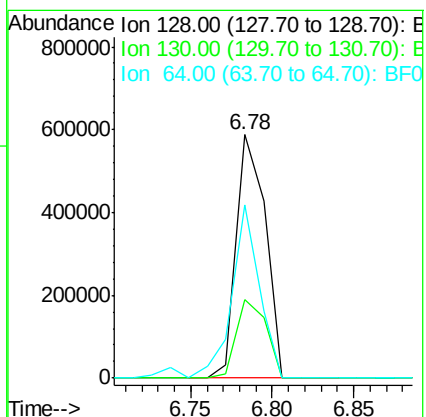
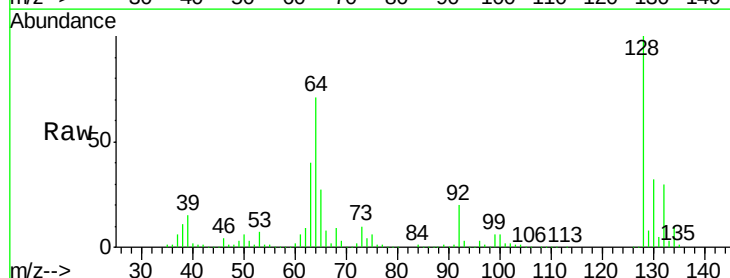
Tgt Ion: 128 Resp: 720917

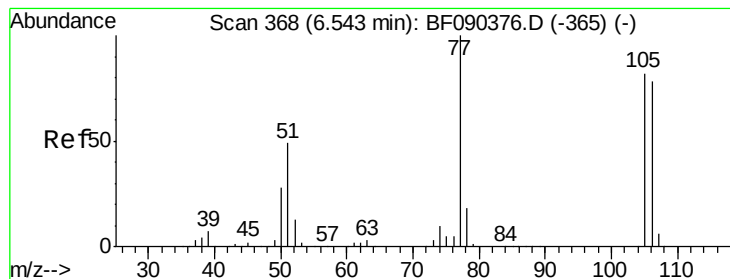
Ion Ratio Lower Upper

128 100

130 32.1 13.3 53.3

64 71.4 36.0 76.0





#9

Benzaldehyde

Concen: 40.57 ng

RT: 6.54 min Scan# 368

Delta R.T. 0.00 min

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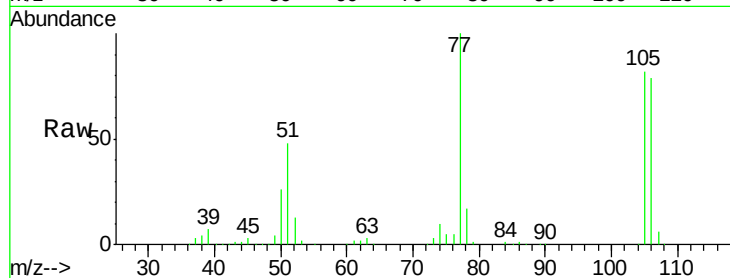
Tgt Ion: 77 Resp: 441645

Ion Ratio Lower Upper

77 100

105 81.9 73.1 113.1

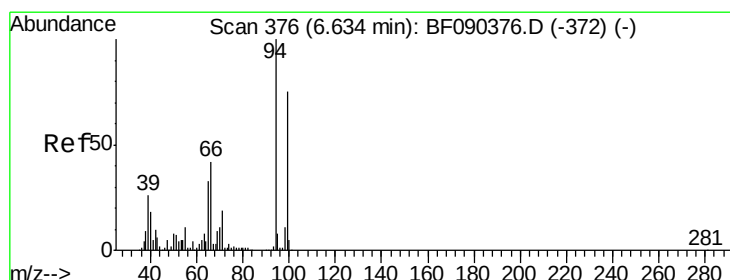
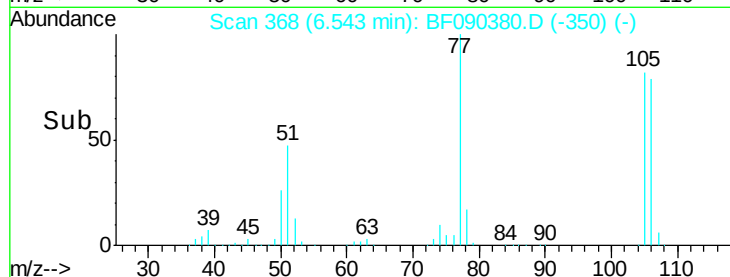
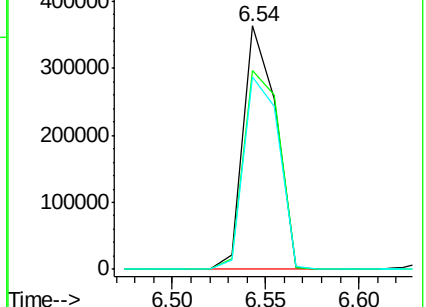
106 78.8 70.2 110.2



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: 40.19 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

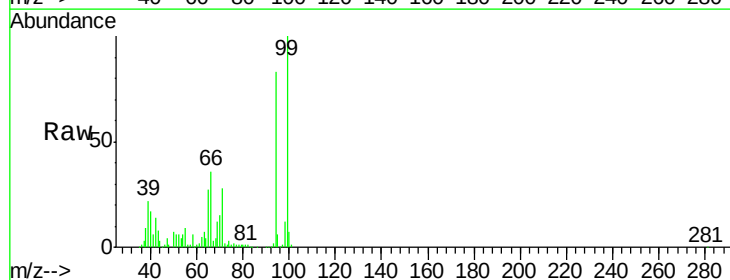
Tgt Ion: 94 Resp: 1006505

Ion Ratio Lower Upper

94 100

65 32.8 13.3 53.3

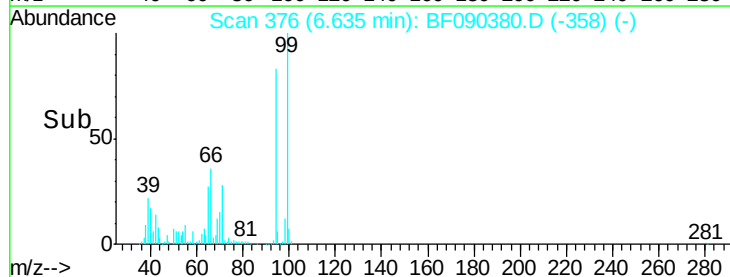
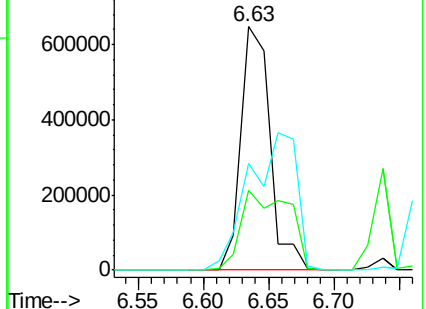
66 43.9 20.4 60.4

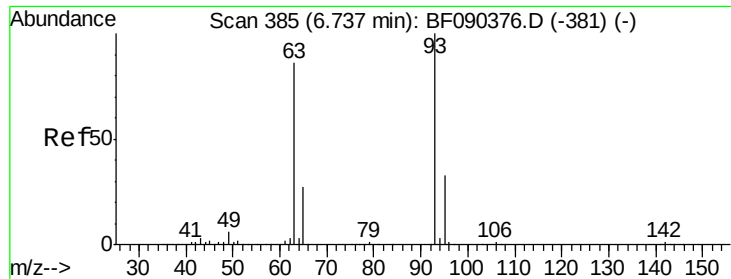


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

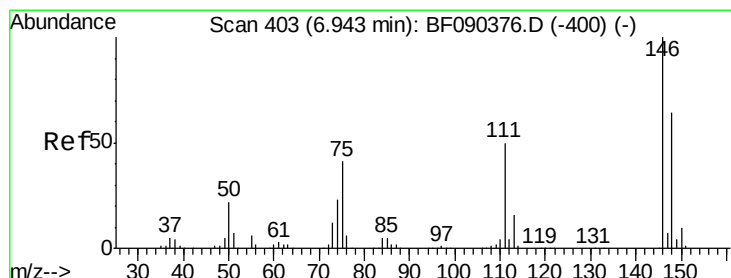
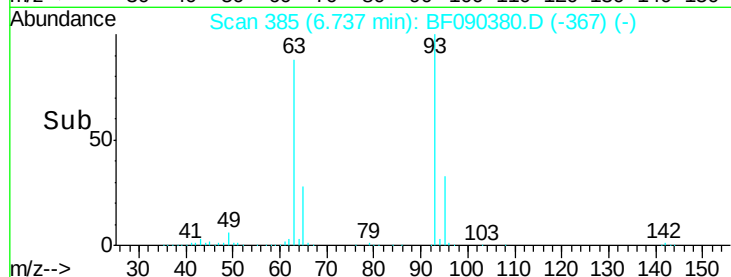
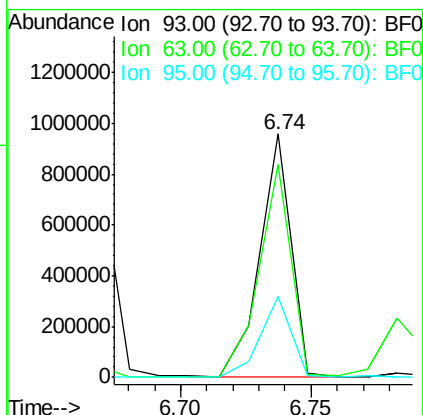
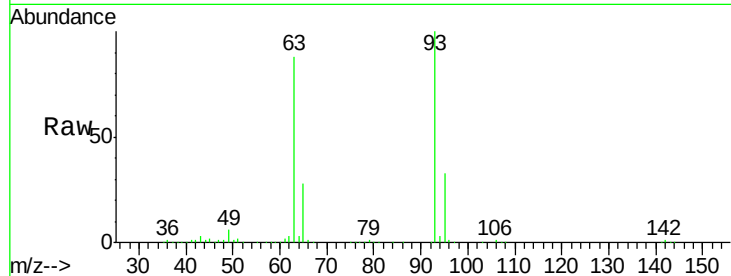




#11
bis(2-Chloroethyl)ether
Concen: 42.14 ng
RT: 6.74 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

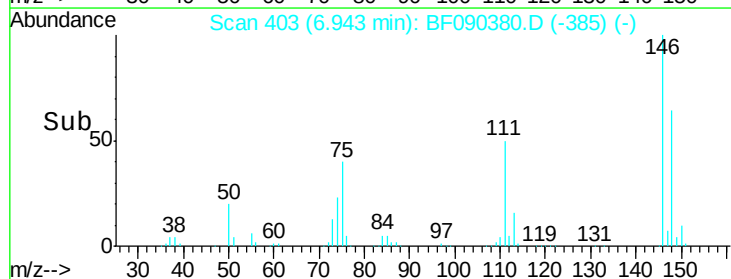
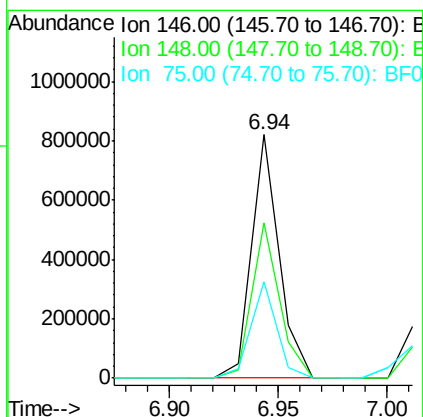
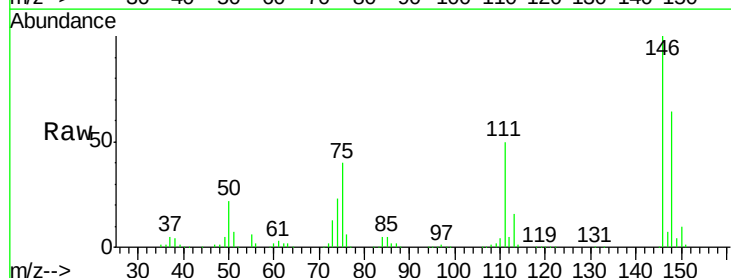
Instrument :
BNA_F
ClientSampleId :
ICVBF100516

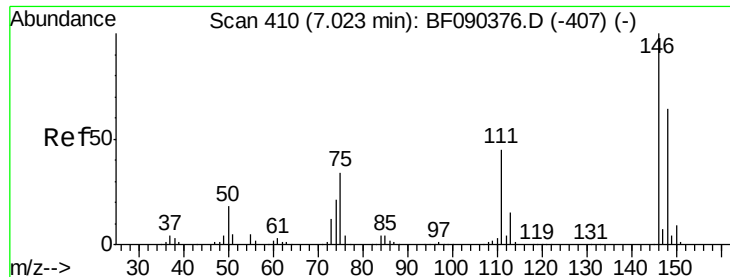
Tgt Ion: 93 Resp: 807855
Ion Ratio Lower Upper
93 100
63 87.7 59.7 99.7
95 33.3 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 39.87 ng
RT: 6.94 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion: 146 Resp: 719291
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
75 39.9 21.4 32.2#

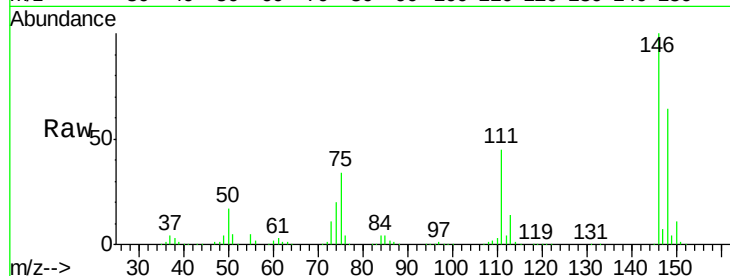




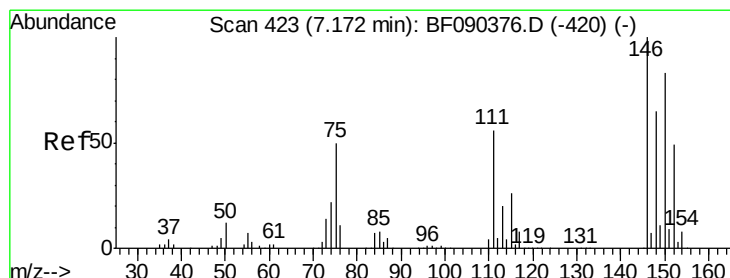
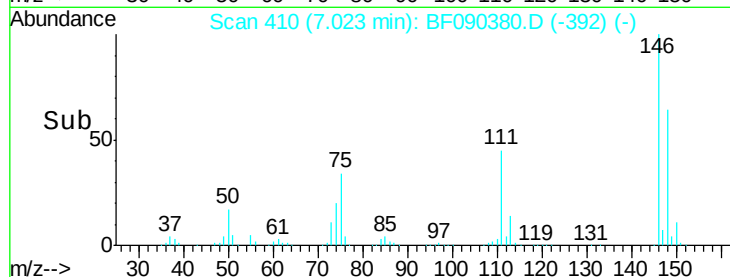
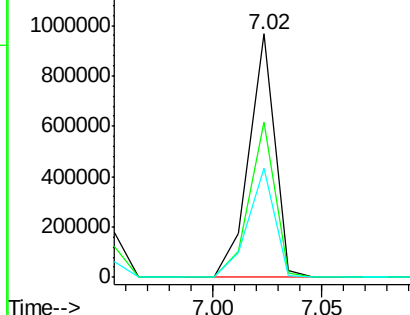
#13
 1,4-Dichlorobenzene
 Concen: 43.65 ng
 RT: 7.02 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tgt Ion:146 Resp: 799714
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 44.8 37.8 56.6

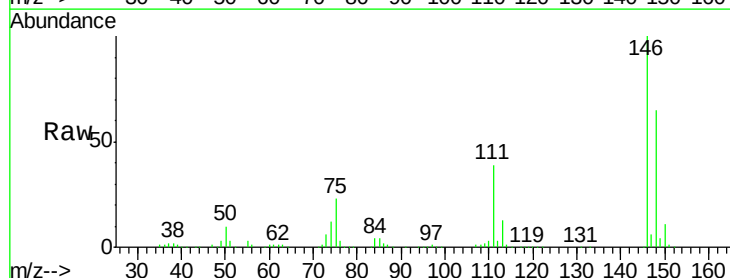


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

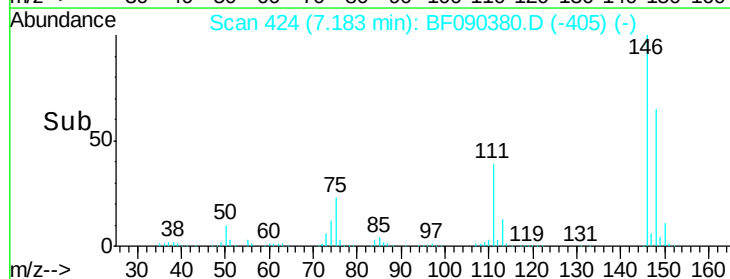
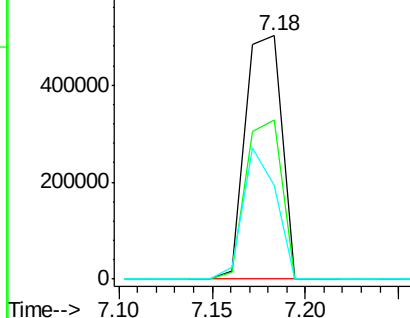


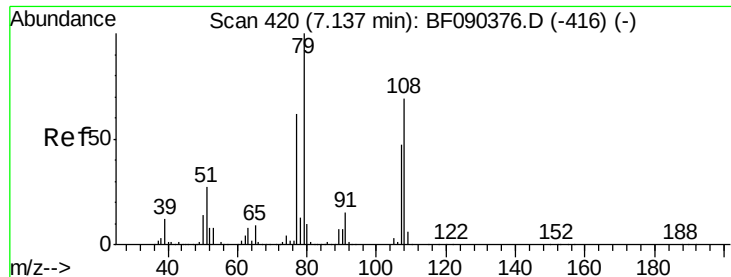
#14
 1,2-Dichlorobenzene
 Concen: 38.93 ng
 RT: 7.18 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:146 Resp: 687286
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 38.6 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.08 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

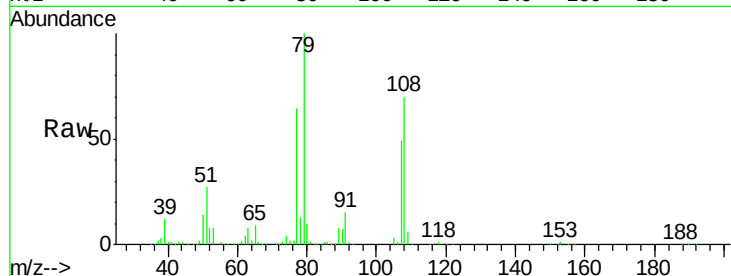
Tgt Ion: 79 Resp: 672537

Ion Ratio Lower Upper

79 100

108 70.3 60.9 91.3

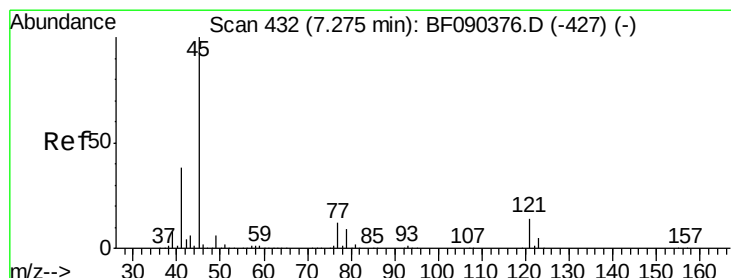
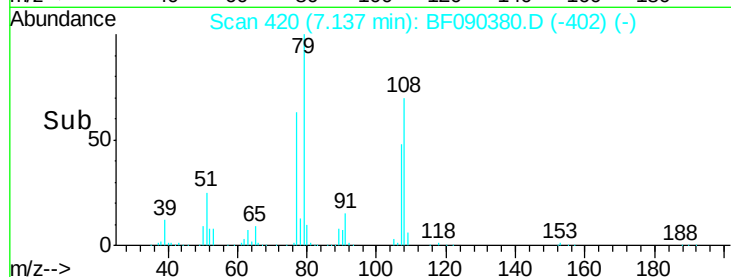
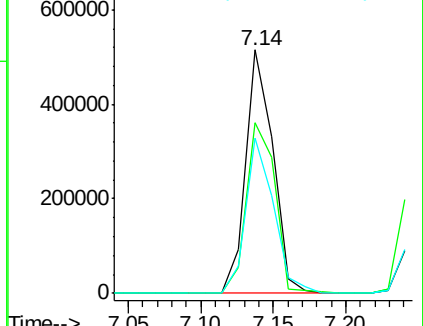
77 63.6 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.03 ng

RT: 7.29 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

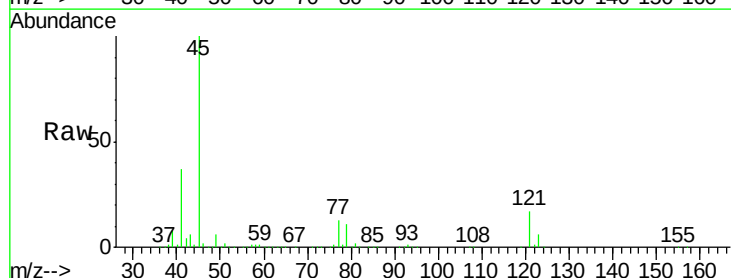
Tgt Ion: 45 Resp: 1366757

Ion Ratio Lower Upper

45 100

77 13.3 0.0 30.8

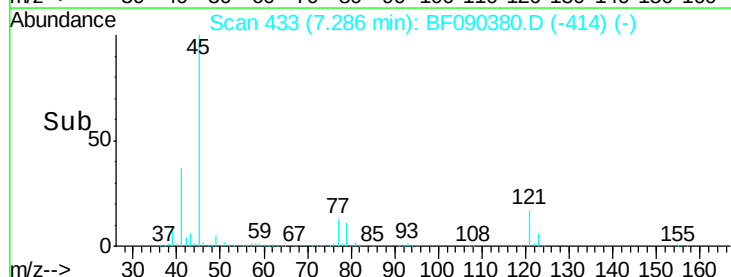
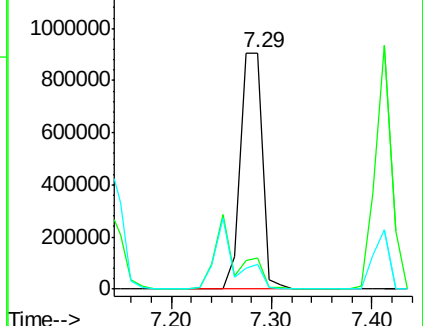
79 10.7 0.0 28.2

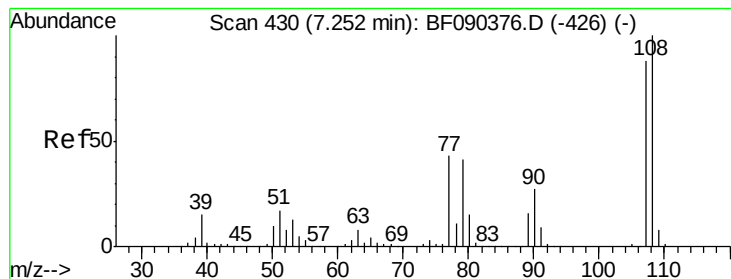


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

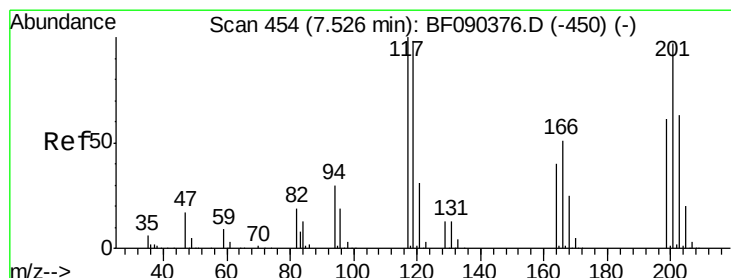
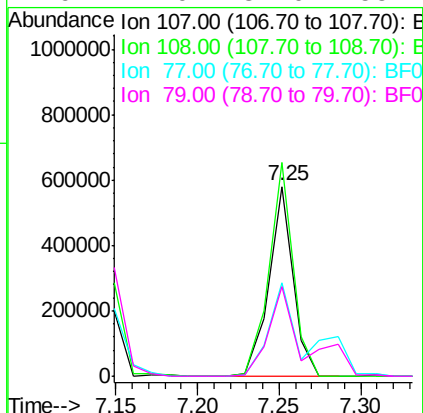
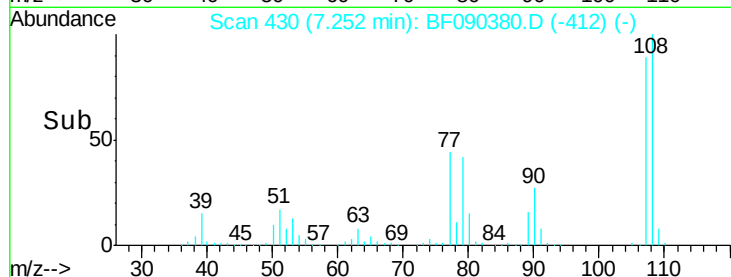
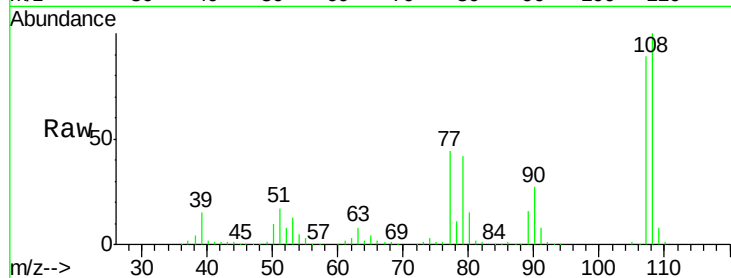




#17
2-Methylphenol
Concen: 40.13 ng
RT: 7.25 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

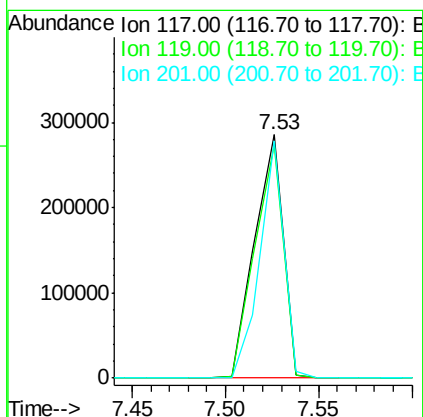
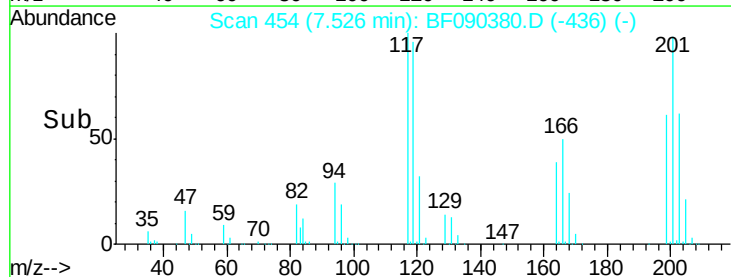
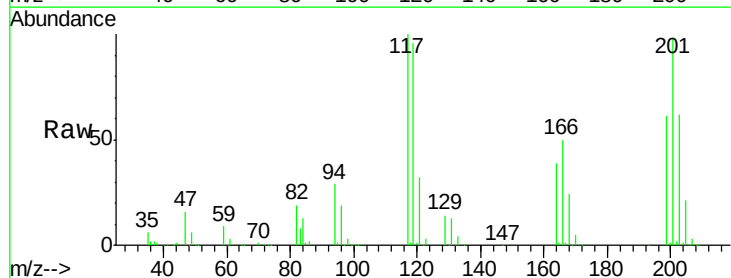
Instrument :
BNA_F
ClientSampleId :
ICVBF100516

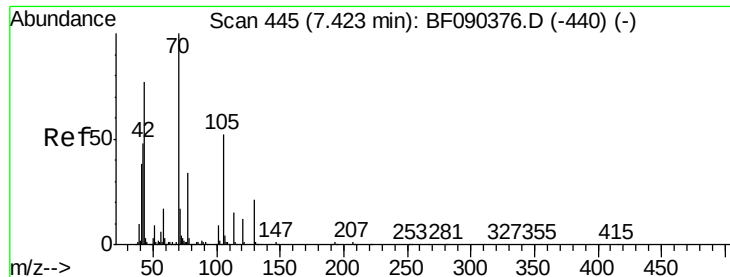
Tgt Ion:	107	Resp:	597303
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.9	136.3
77	49.5	38.2	57.4
79	47.0	37.0	55.4



#18
Hexachloroethane
Concen: 41.91 ng
RT: 7.53 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion:	117	Resp:	302749
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.9	113.9
201	97.6	66.5	99.7

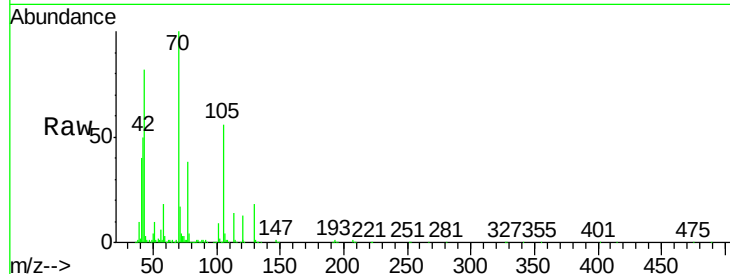




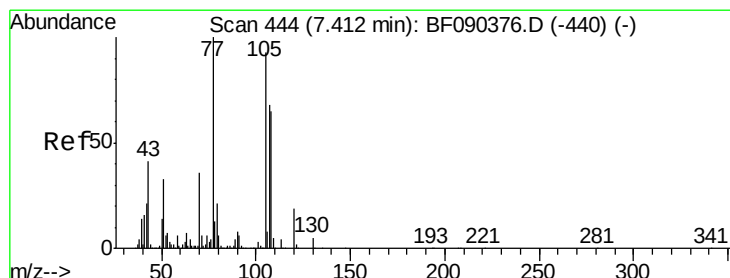
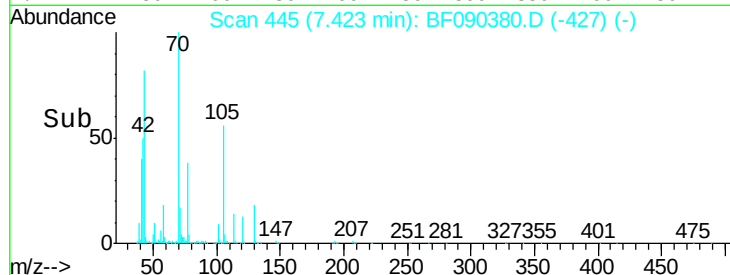
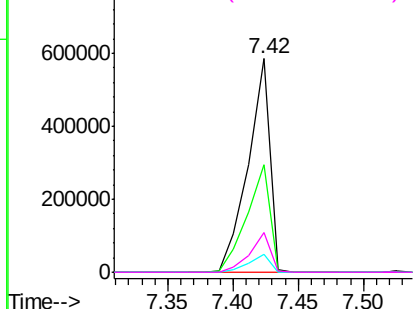
#19
n-Nitroso-di-n-propylamine
Concen: 43.20 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tgt Ion: 70 Resp: 682221
Ion Ratio Lower Upper
70 100
42 50.2 55.4 83.2#
101 8.5 7.6 11.4
130 18.4 16.5 24.7

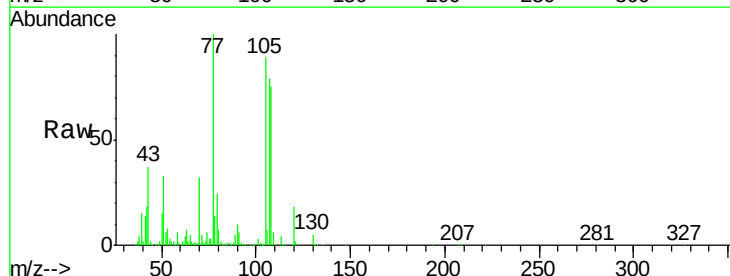


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

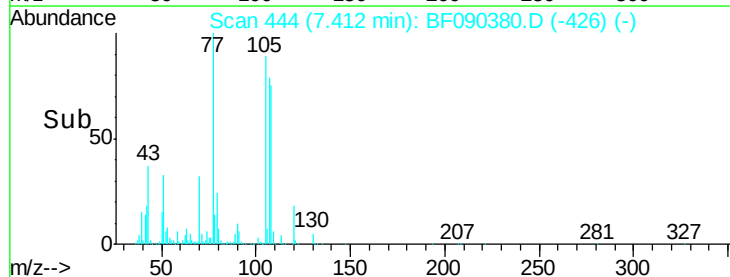
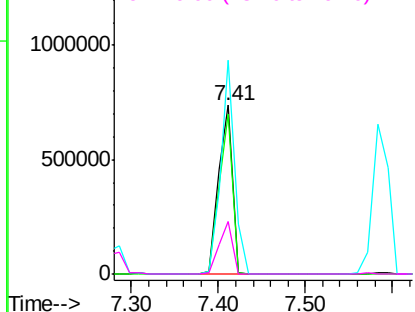


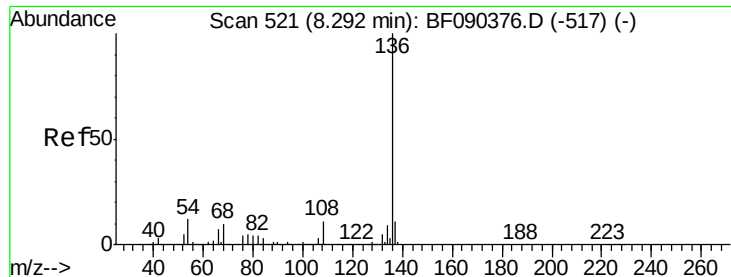
#20
3+4-Methylphenols
Concen: 43.41 ng
RT: 7.41 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion: 107 Resp: 836203
Ion Ratio Lower Upper
107 100
108 94.7 66.7 106.7
77 126.8 53.7 93.7#
79 30.9 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

Tgt Ion:136 Resp: 1030356

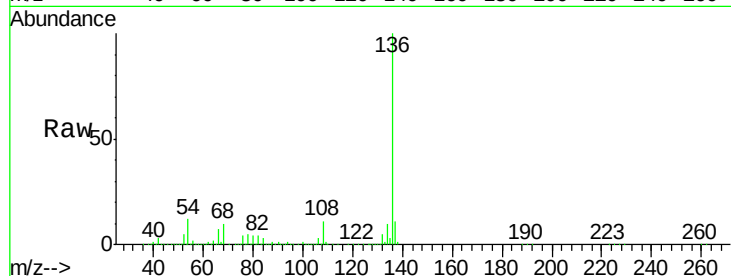
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 12.5 6.6 10.0#

68 10.4 5.0 7.6#

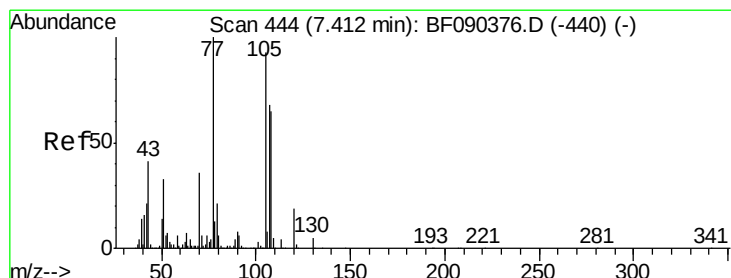
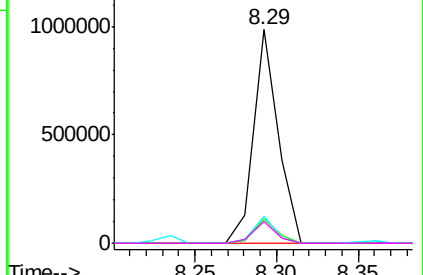
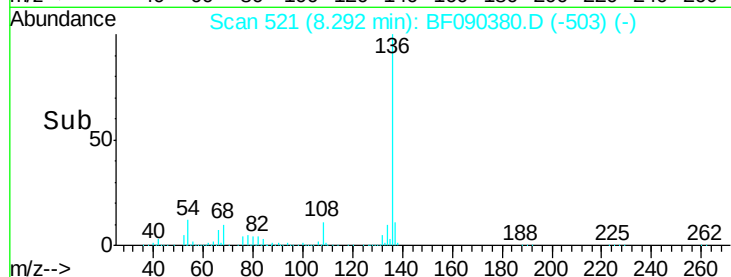


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.36 ng

RT: 7.41 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Tgt Ion:105 Resp: 960572

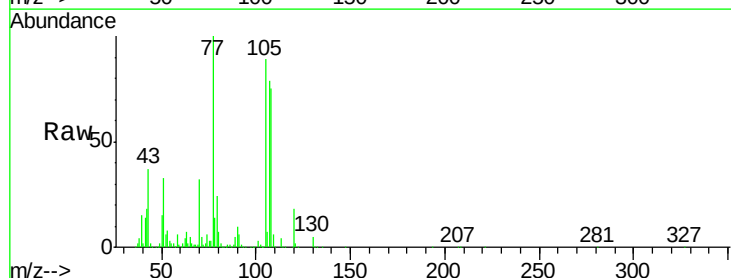
Ion Ratio Lower Upper

105 100

71 6.0 3.8 5.6#

51 37.3 28.2 42.4

120 20.3 17.4 26.2

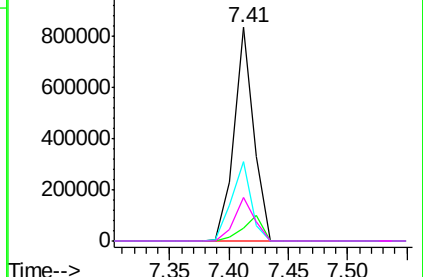
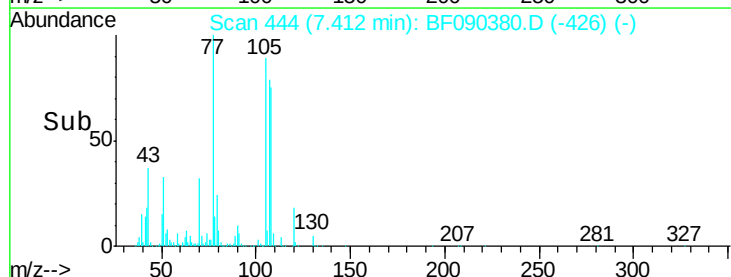


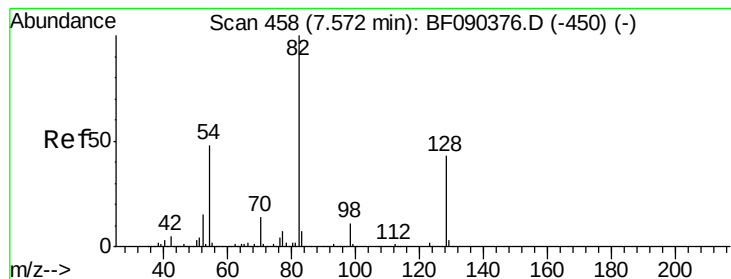
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.45 ng

RT: 7.57 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

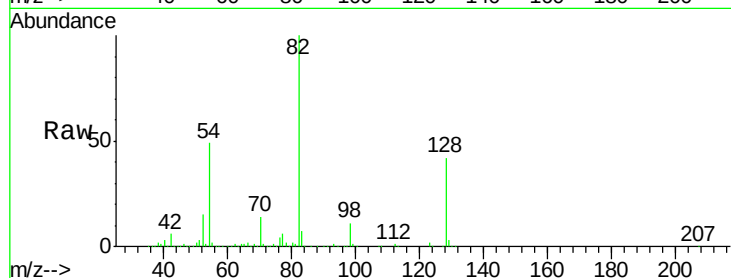
Tgt Ion: 82 Resp: 1767738

Ion Ratio Lower Upper

82 100

128 42.5 40.0 60.0

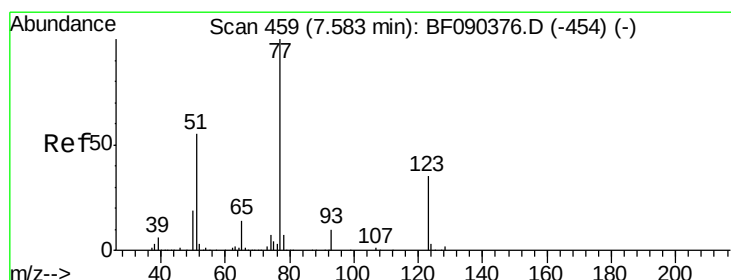
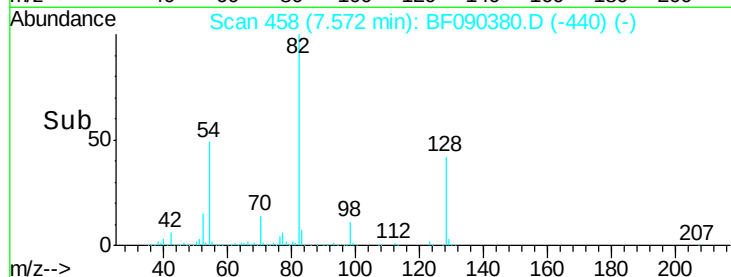
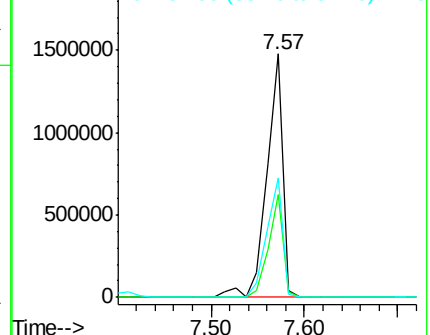
54 49.2 42.6 64.0



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: 39.88 ng

RT: 7.58 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

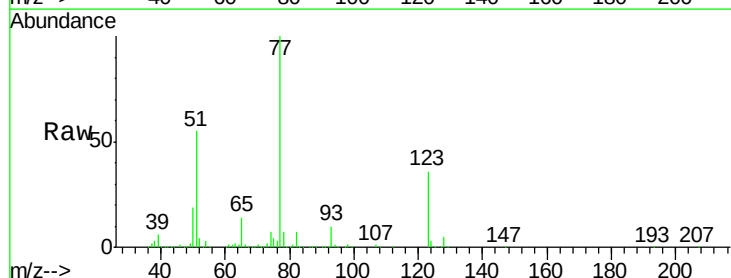
Tgt Ion: 77 Resp: 838632

Ion Ratio Lower Upper

77 100

123 36.0 33.0 49.4

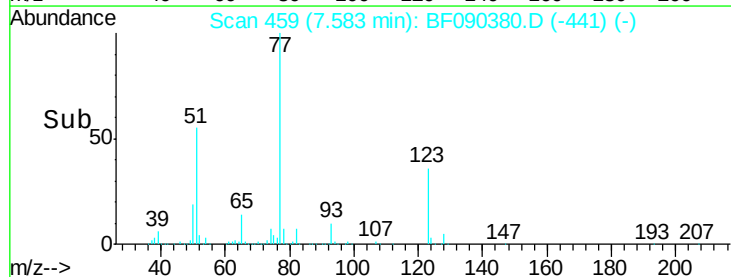
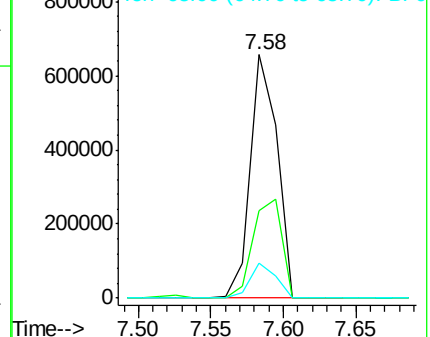
65 14.2 12.0 18.0

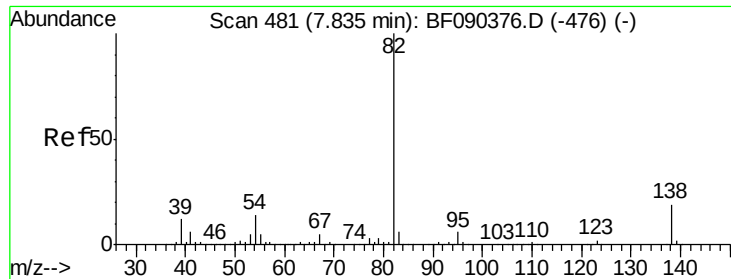


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.94 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

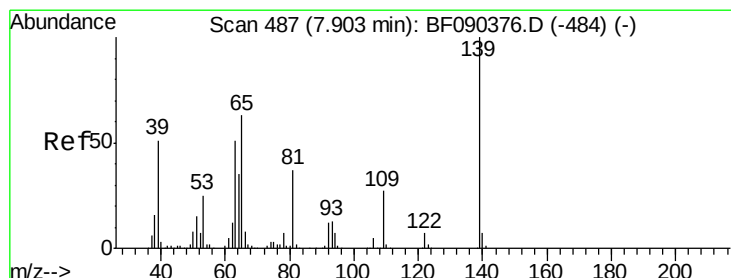
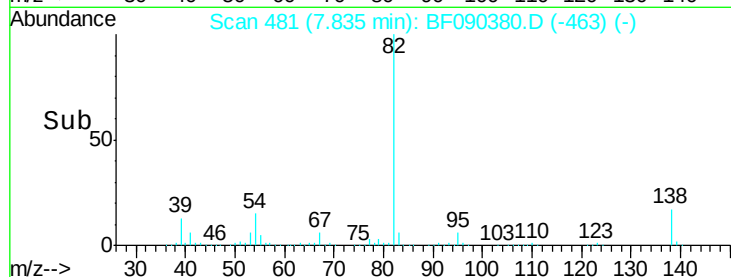
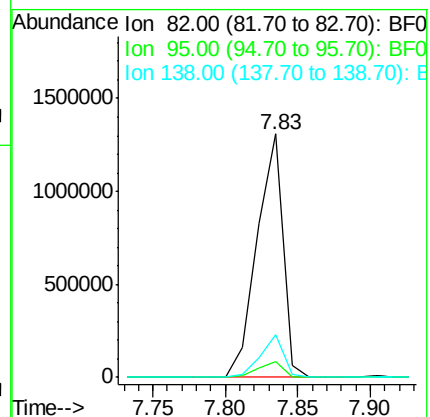
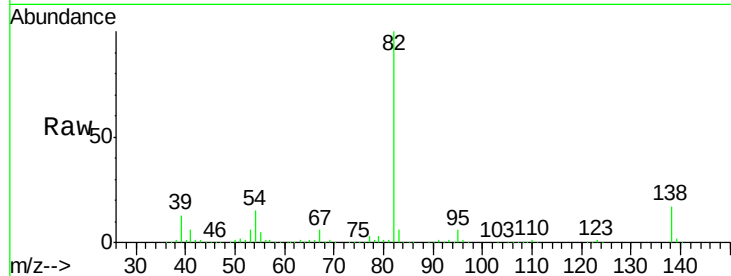
Tgt Ion: 82 Resp: 1624298

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.3 13.0 19.4



#26

2-Nitrophenol

Concen: 38.75 ng

RT: 7.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

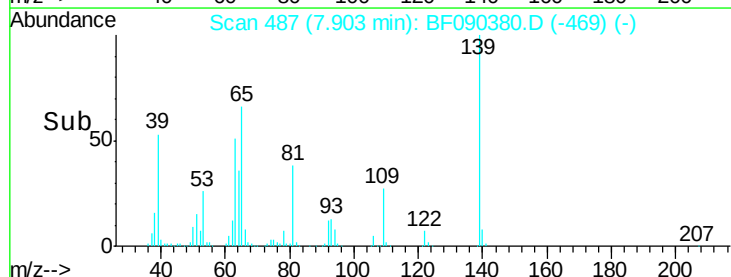
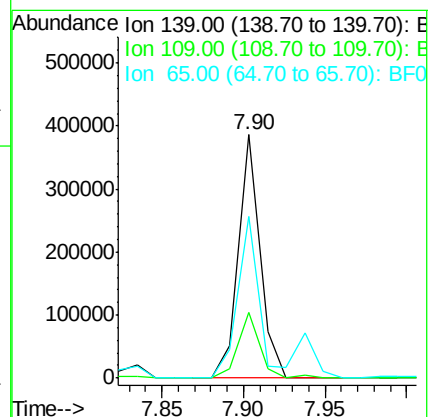
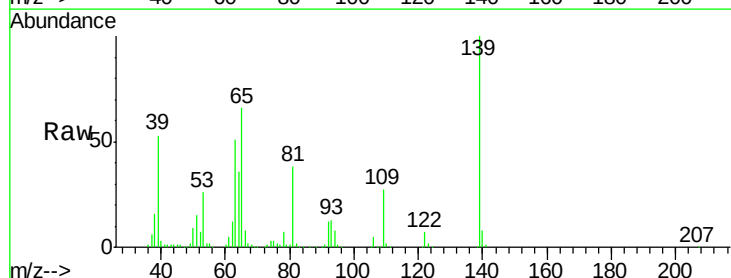
Tgt Ion: 139 Resp: 350751

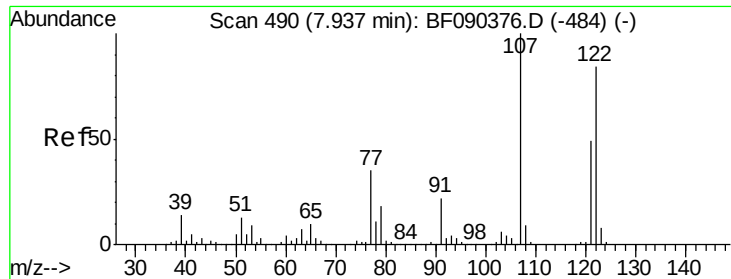
Ion Ratio Lower Upper

139 100

109 26.8 18.9 28.3

65 66.2 31.6 47.4#

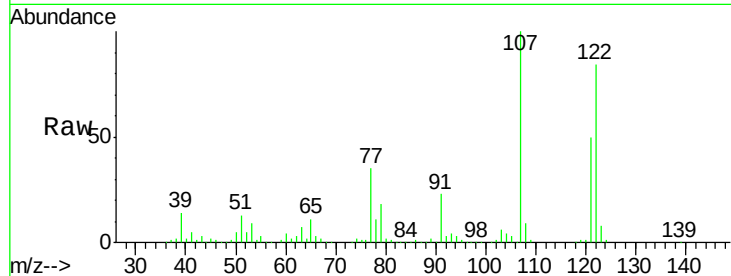




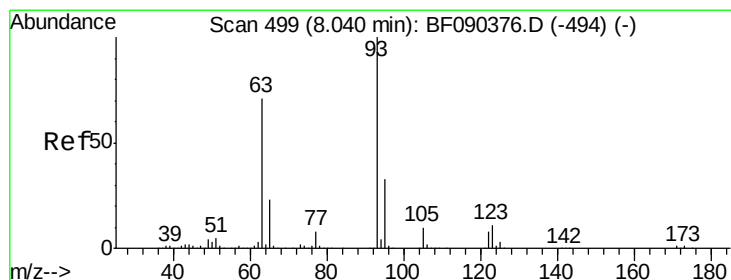
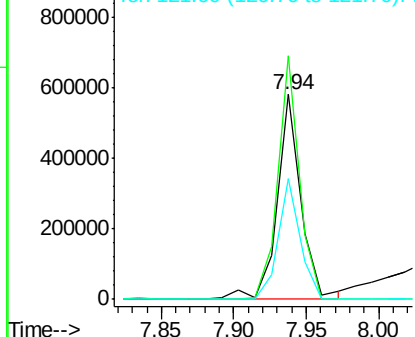
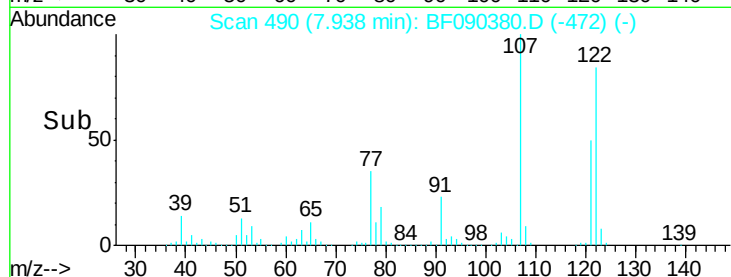
#27
2,4-Dimethylphenol
Concen: 37.50 ng
RT: 7.94 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tgt Ion:122 Resp: 660034
Ion Ratio Lower Upper
122 100
107 118.7 88.6 132.8
121 59.1 47.5 71.3

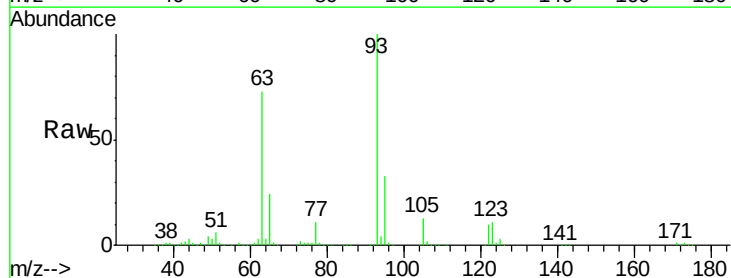


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

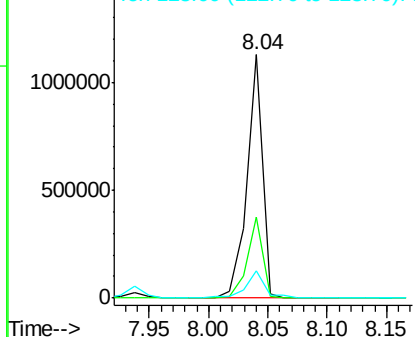
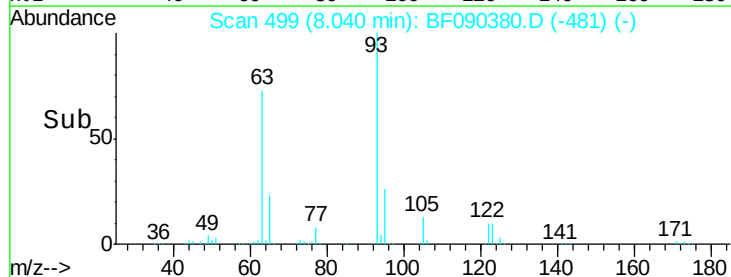


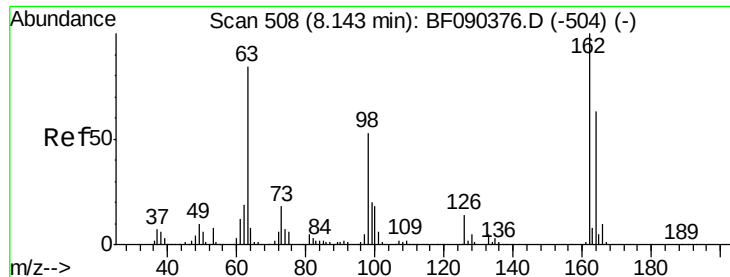
#28
bis(2-Chloroethoxy)methane
Concen: 45.07 ng
RT: 8.04 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion: 93 Resp: 1032277
Ion Ratio Lower Upper
93 100
95 33.1 27.0 40.4
123 11.5 11.1 16.7



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

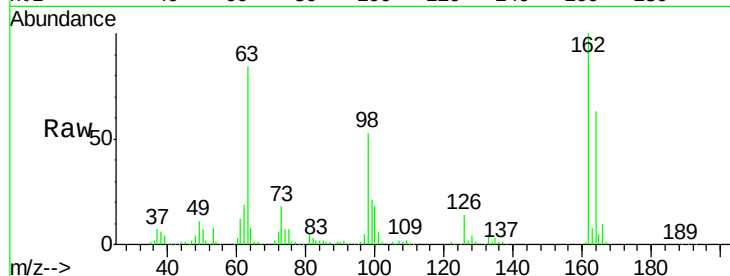




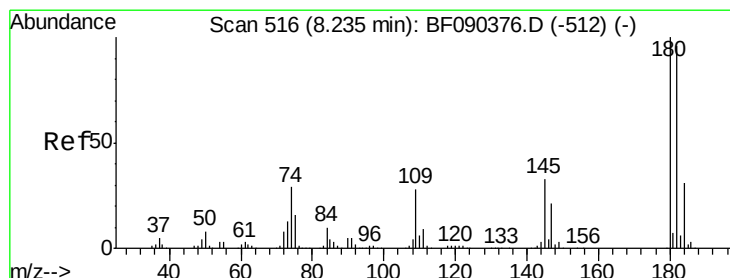
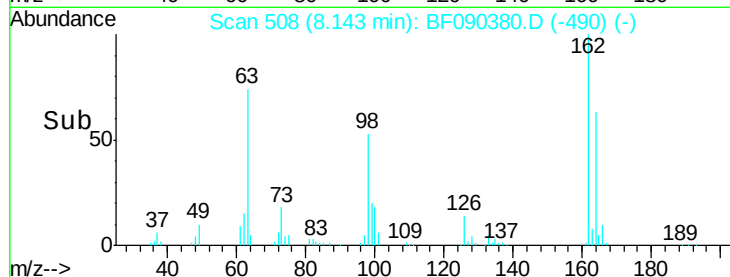
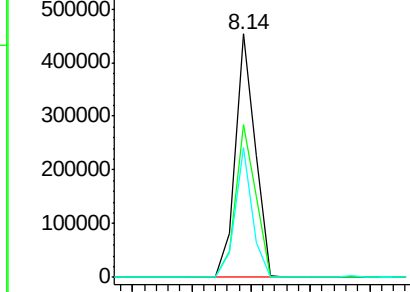
#29
 2,4-Dichlorophenol
 Concen: 39.31 ng
 RT: 8.14 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tgt Ion:162 Resp: 526002
 Ion Ratio Lower Upper
 162 100
 164 62.7 45.7 85.7
 98 53.3 13.3 53.3#

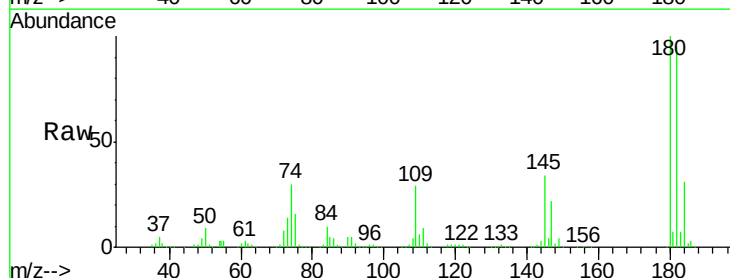


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

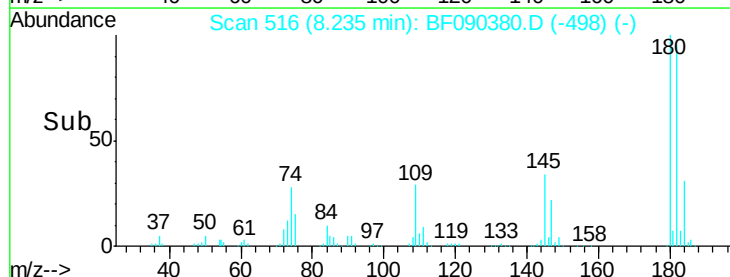
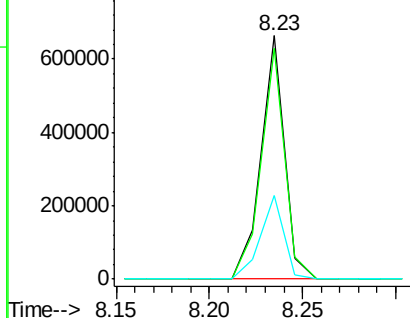


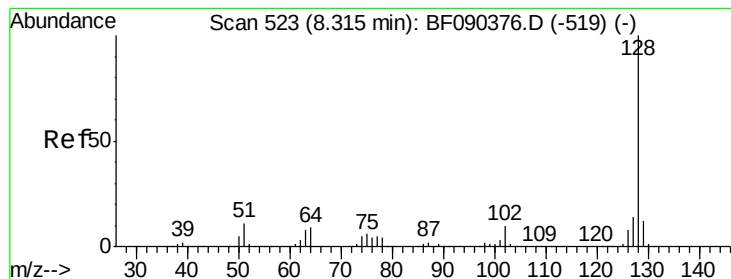
#30
 1,2,4-Trichlorobenzene
 Concen: 42.74 ng
 RT: 8.23 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:180 Resp: 589543
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.3 112.9
 145 34.1 27.7 41.5



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: 37.87 ng

RT: 8.31 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

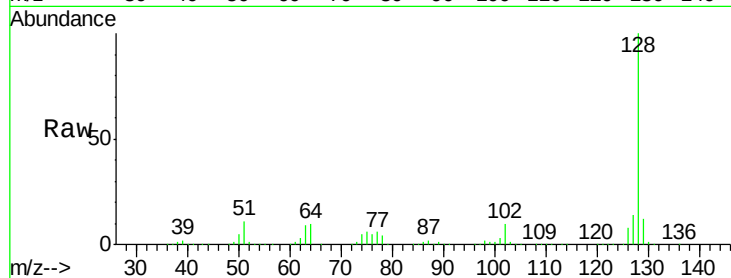
Tgt Ion:128 Resp: 1882614

Ion Ratio Lower Upper

128 100

129 12.1 9.7 14.5

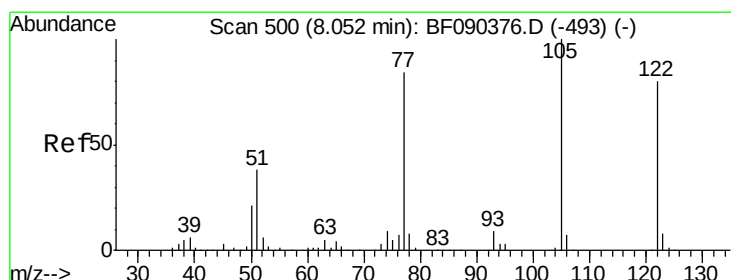
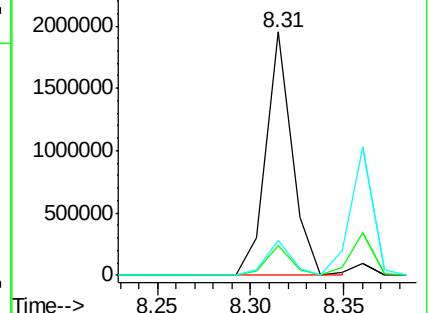
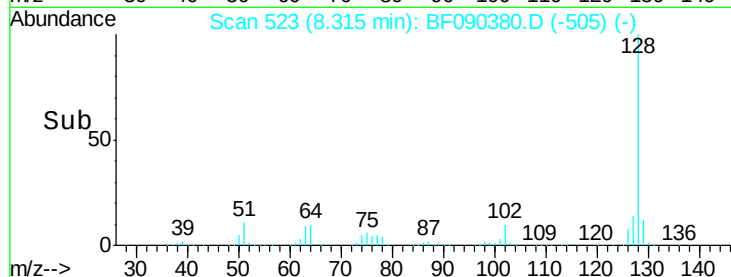
127 14.1 11.7 17.5



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: 44.90 ng

RT: 8.06 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

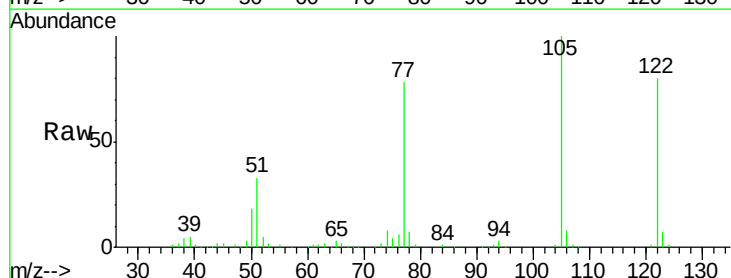
Tgt Ion:122 Resp: 549391

Ion Ratio Lower Upper

122 100

105 124.6 103.9 143.9

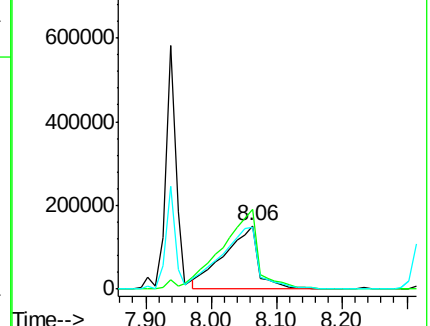
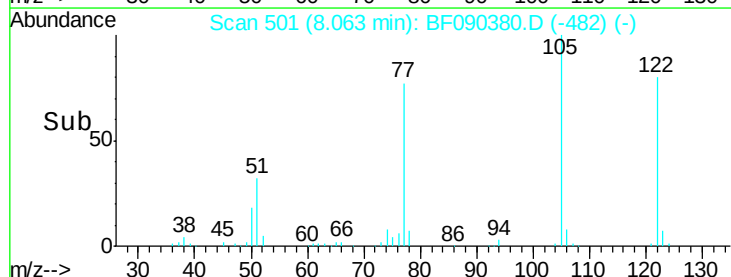
77 97.4 74.6 114.6

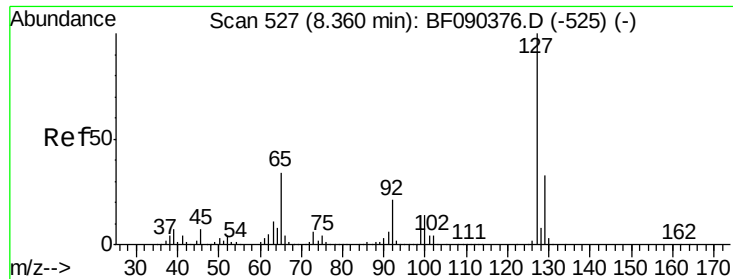


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

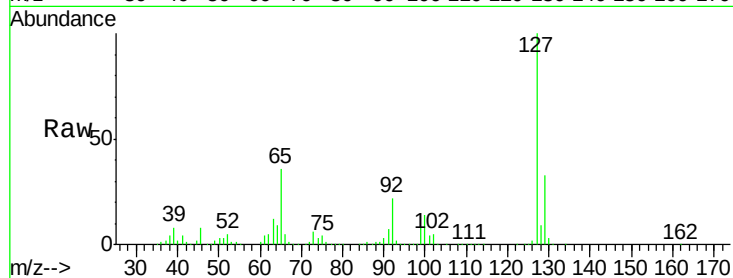




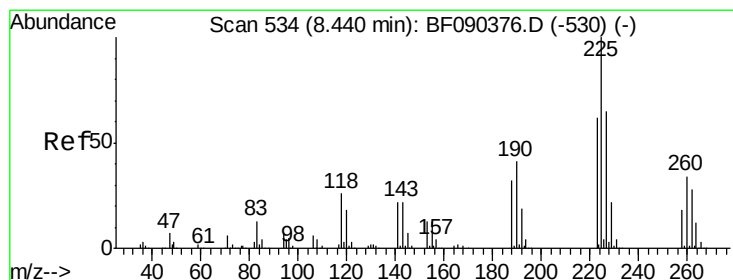
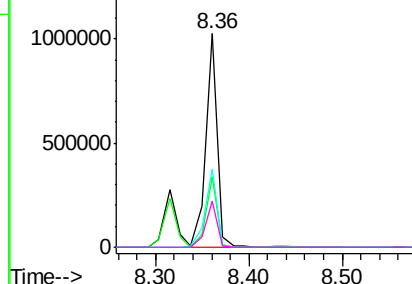
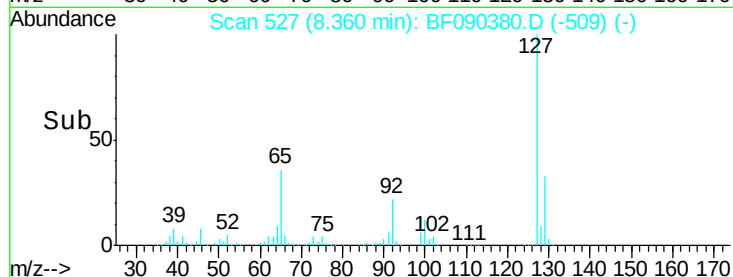
#33
4-Chloroaniline
Concen: 43.17 ng
RT: 8.36 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tgt Ion:	127	Resp:	886964
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	36.4	32.5	48.7
92	21.6	17.2	25.8

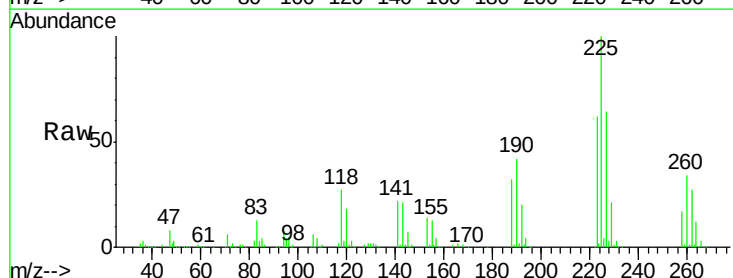


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

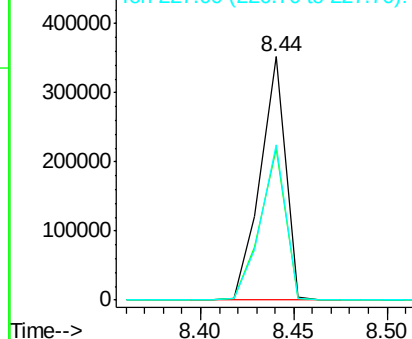
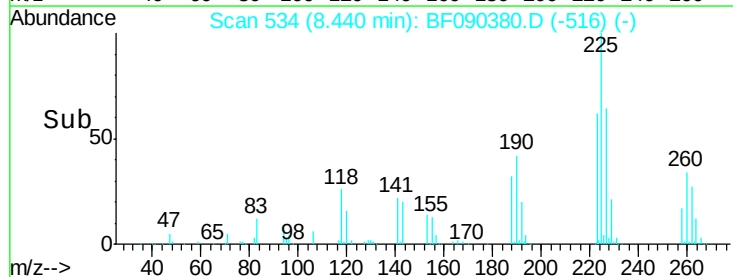


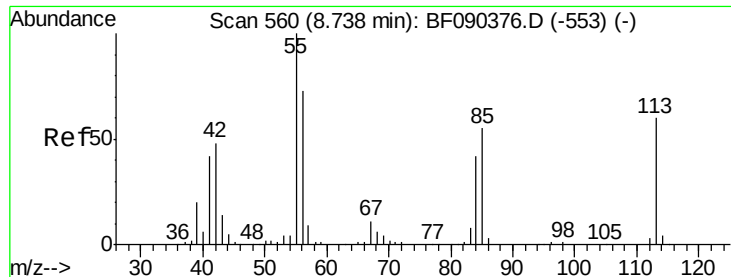
#34
Hexachlorobutadiene
Concen: 42.71 ng
RT: 8.44 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion:	225	Resp:	329087
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.4
227	64.0	50.8	76.2



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

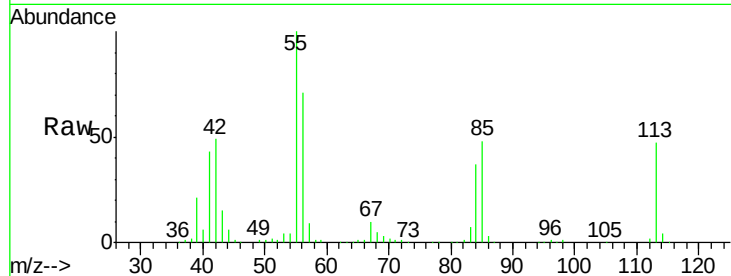




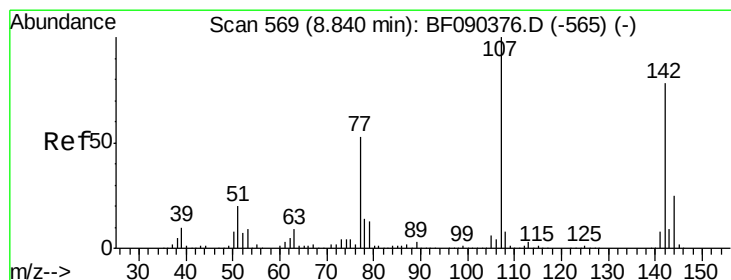
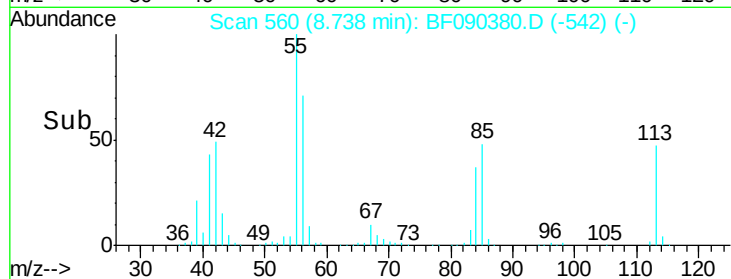
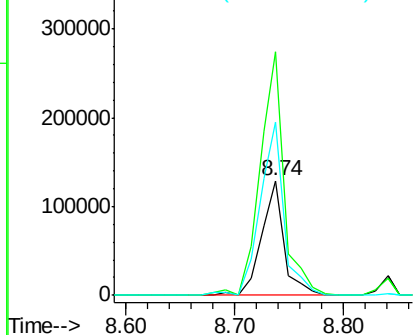
#35
 Caprolactam
 Concen: 41.42 ng
 RT: 8.74 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tgt Ion:113 Resp: 186388
 Ion Ratio Lower Upper
 113 100
 55 212.2 203.3 243.3
 56 151.3 140.5 180.5

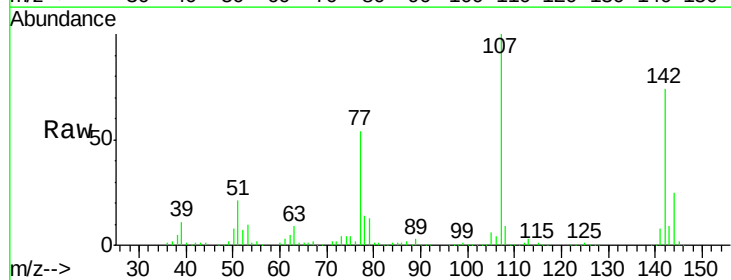


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

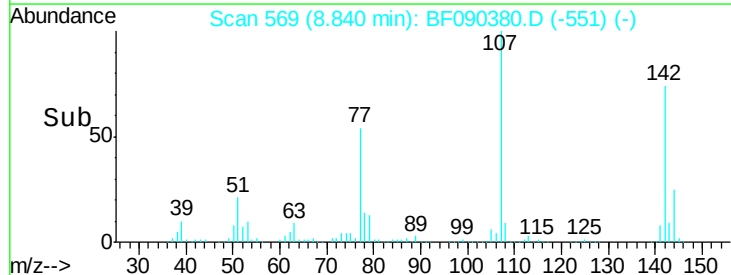
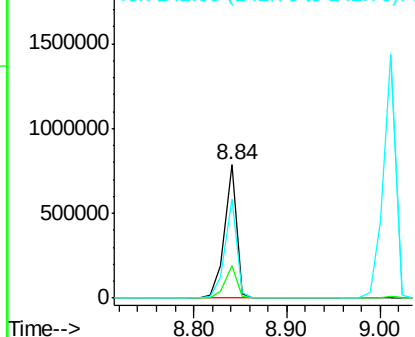


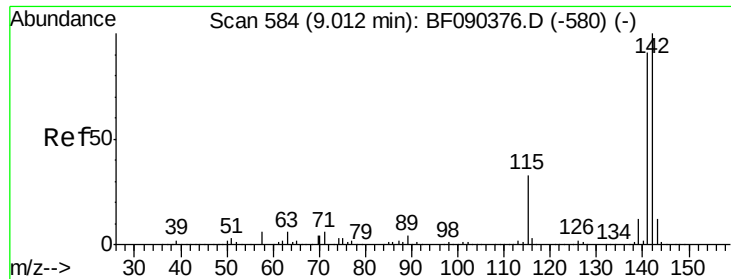
#36
 4-Chloro-3-methylphenol
 Concen: 41.82 ng
 RT: 8.84 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:107 Resp: 700821
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.8 29.8
 142 74.4 60.7 91.1



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

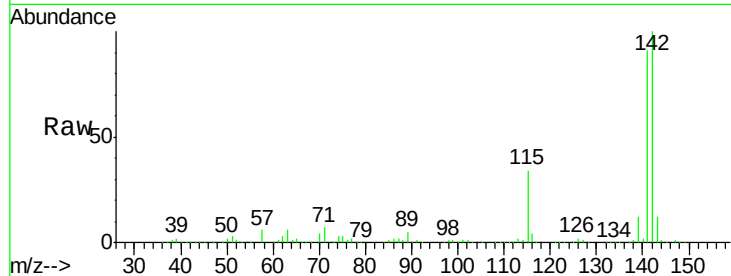




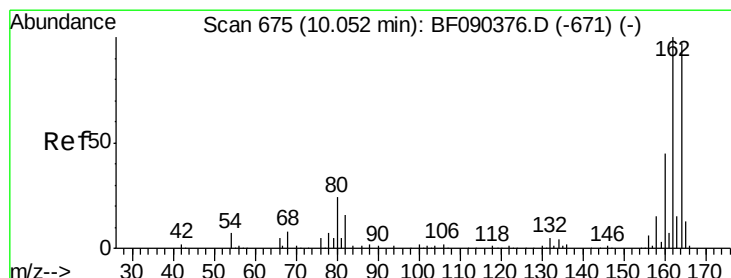
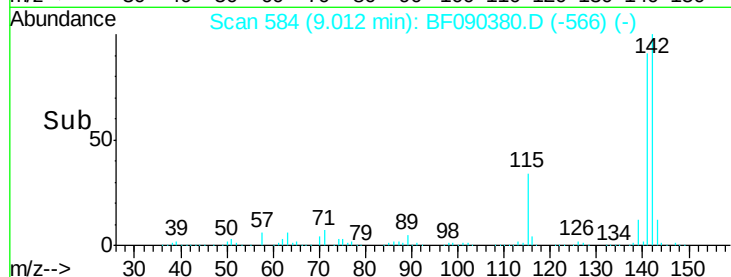
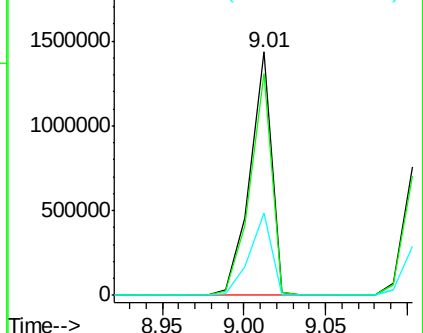
#37
2-Methylnaphthalene
Concen: 44.20 ng
RT: 9.01 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tgt Ion:142 Resp: 1329888
Ion Ratio Lower Upper
142 100
141 91.3 71.8 107.8
115 33.8 28.8 43.2

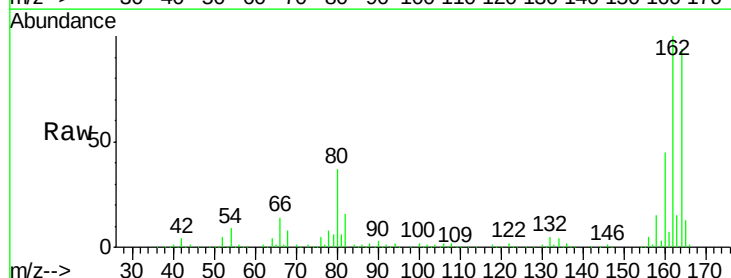


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

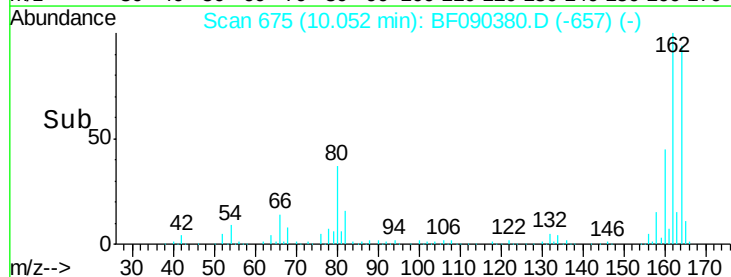
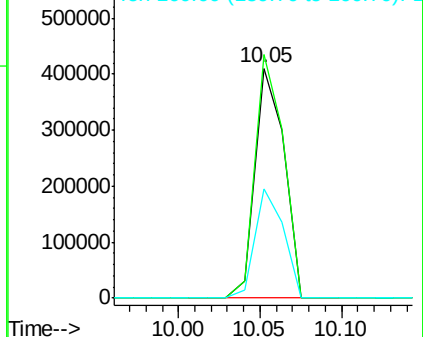


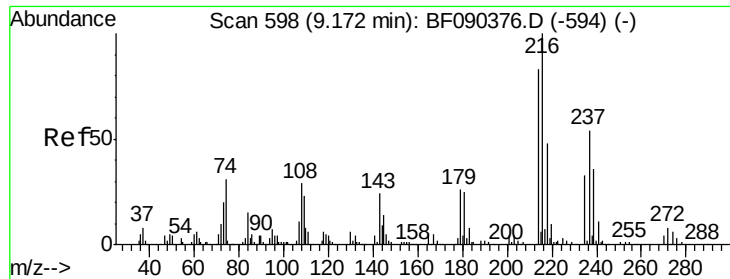
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion:164 Resp: 507956
Ion Ratio Lower Upper
164 100
162 106.1 80.1 120.1
160 47.4 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

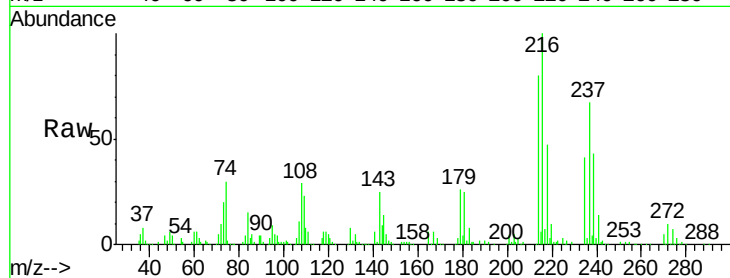




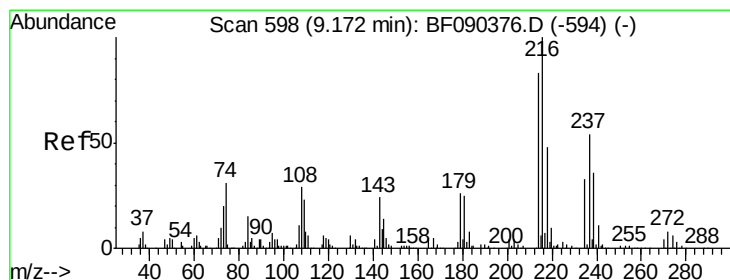
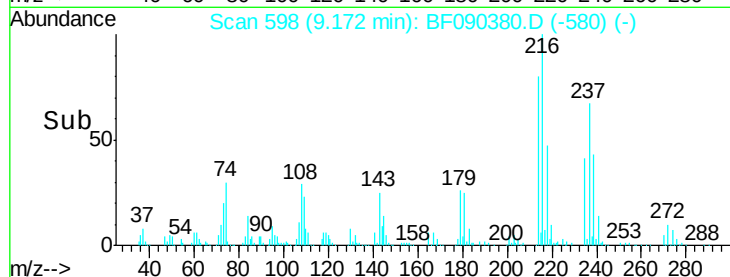
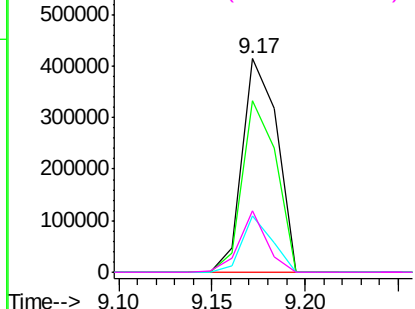
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.86 ng
 RT: 9.17 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tgt Ion:	216	Resp:	533852
Ion	Ratio	Lower	Upper
216	100		
214	78.4	64.2	96.2
179	23.0	18.0	27.0
108	22.6	15.2	22.8

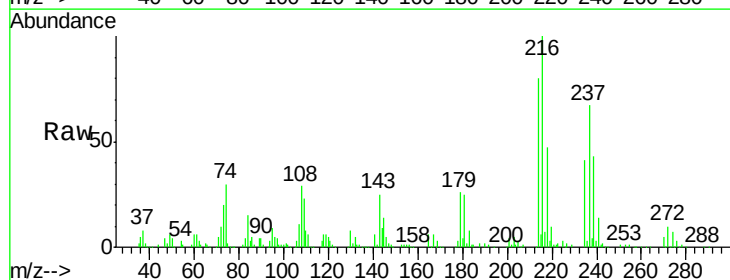


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

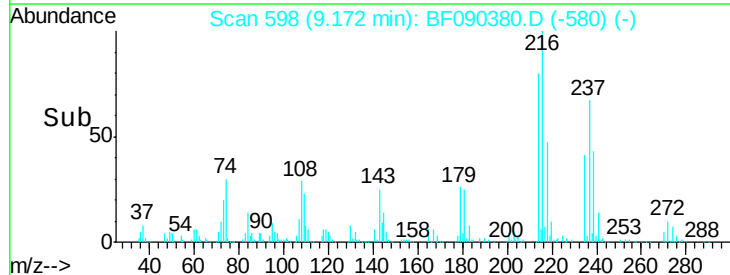
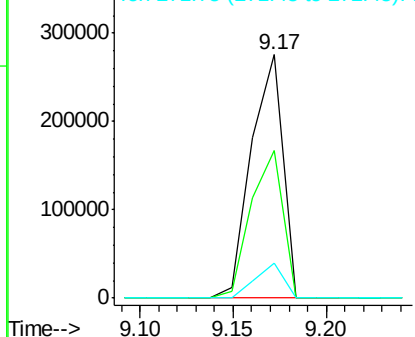


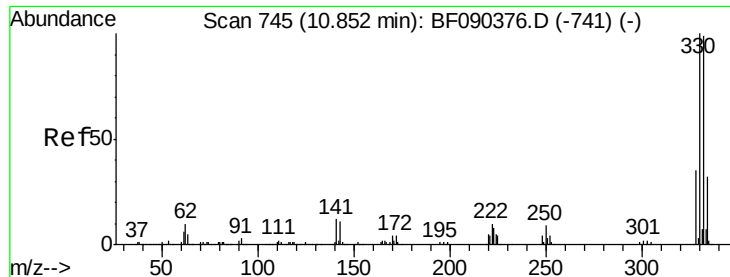
#40
 Hexachlorocyclopentadiene
 Concen: 43.94 ng
 RT: 9.17 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:	237	Resp:	322532
Ion	Ratio	Lower	Upper
237	100		
235	60.9	43.6	83.6
272	14.5	0.0	32.7



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

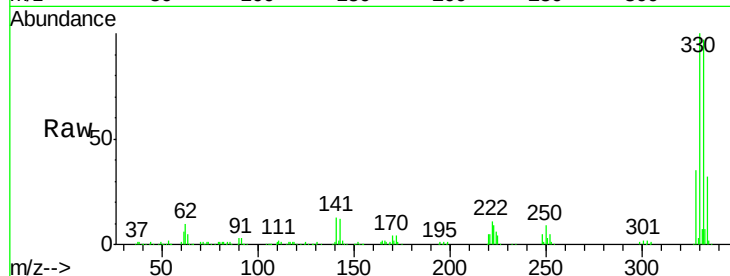




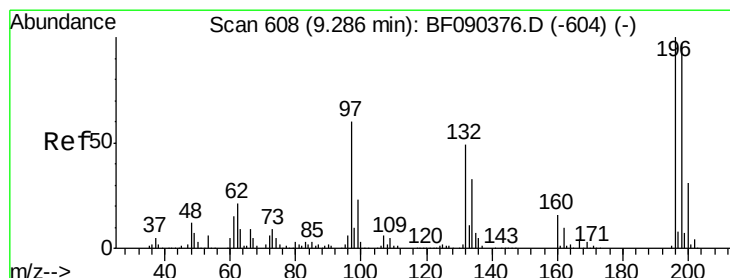
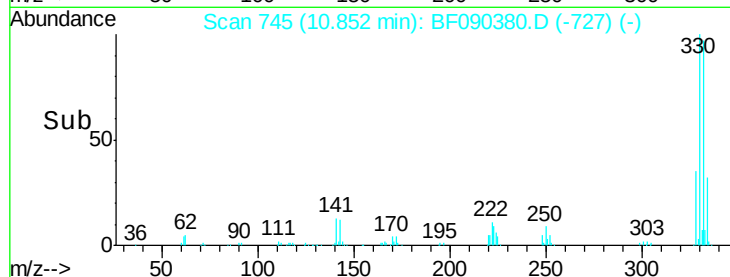
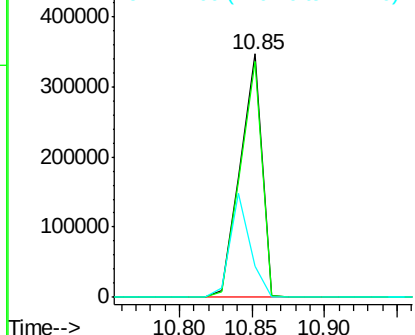
#41
 2,4,6-Tribromophenol
 Concen: 88.10 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tgt Ion:330 Resp: 363883
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 38.9 26.9 40.3

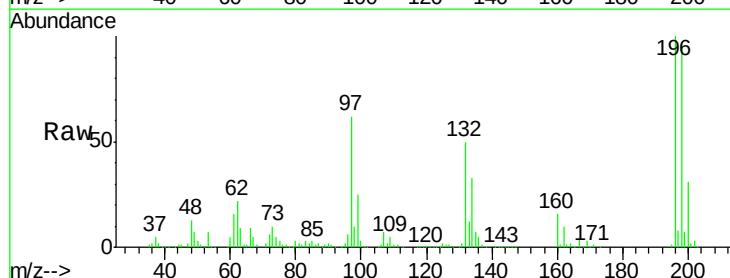


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

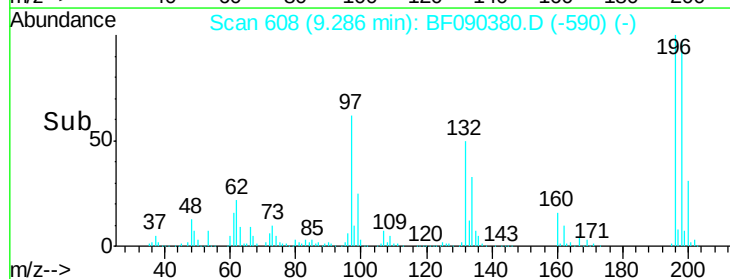
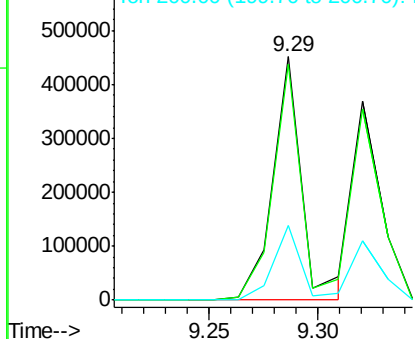


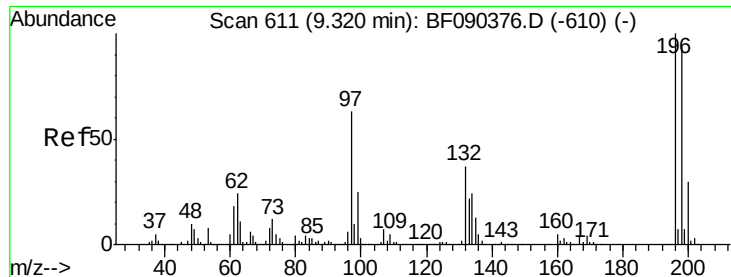
#42
 2,4,6-Trichlorophenol
 Concen: 45.75 ng
 RT: 9.29 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:196 Resp: 422800
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.9 118.3
 200 30.7 25.4 38.2



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

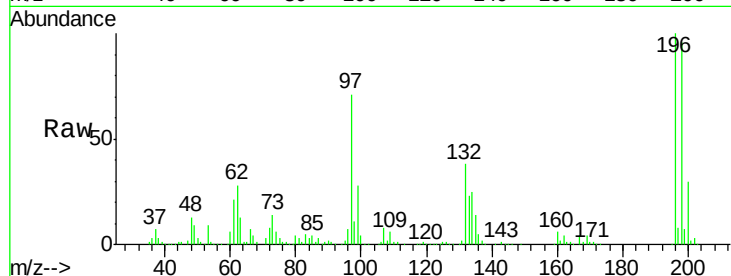




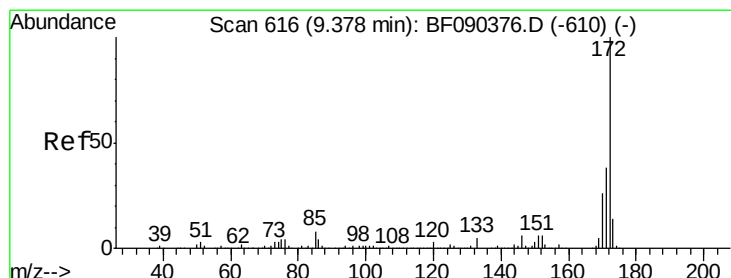
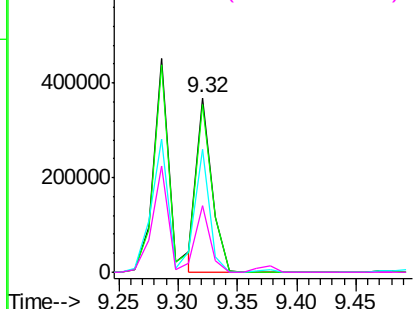
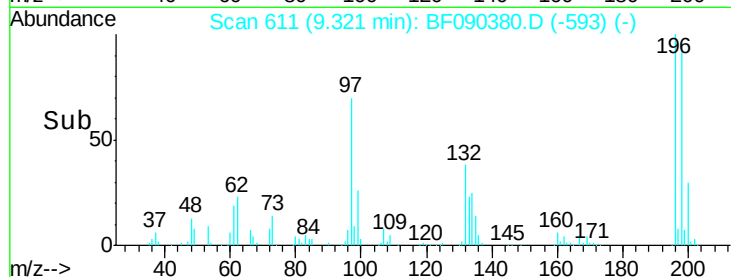
#43
 2,4,5-Trichlorophenol
 Concen: 38.59 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tgt Ion:196 Resp: 337209
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.1 117.1
 97 70.7 48.1 72.1
 132 38.4 27.4 41.2

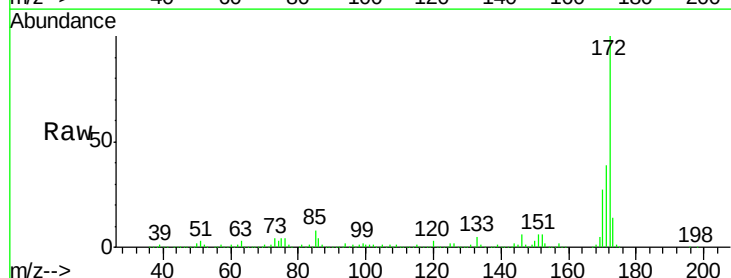


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

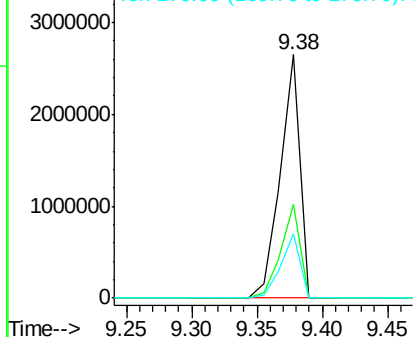
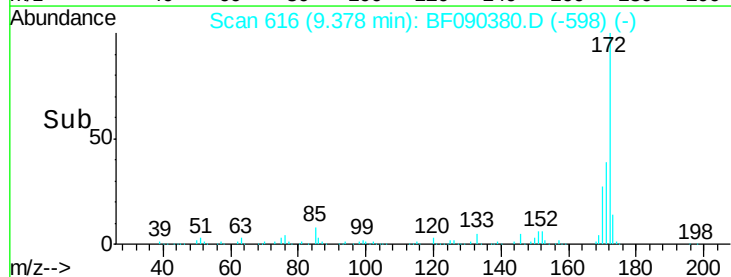


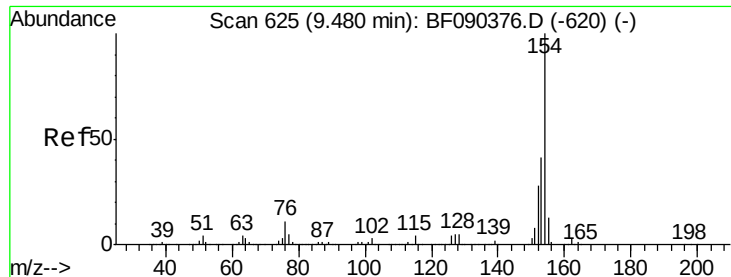
#44
 2-Fluorobiphenyl
 Concen: 89.06 ng
 RT: 9.38 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:172 Resp: 2715088
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.8 47.8
 170 26.6 21.7 32.5



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





#45

1,1'-Biphenyl

Concen: 42.77 ng

RT: 9.48 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

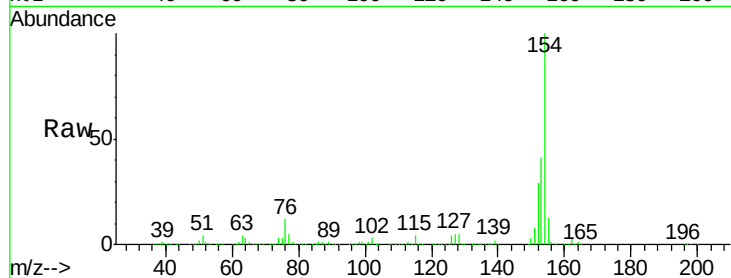
Tgt Ion:154 Resp: 1609910

Ion Ratio Lower Upper

154 100

153 41.2 23.8 63.8

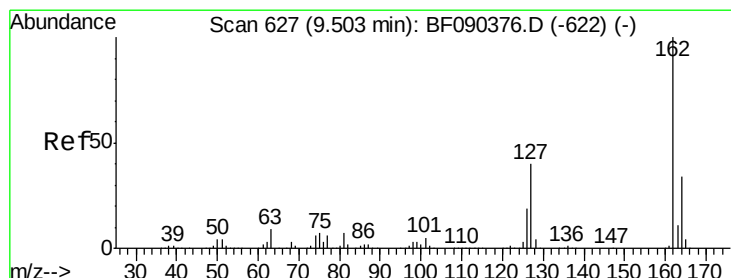
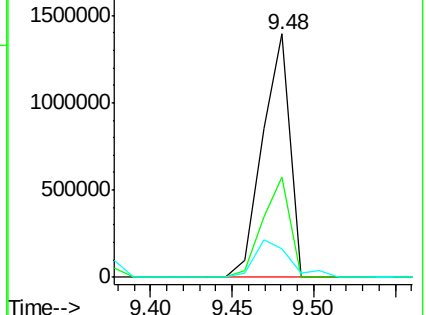
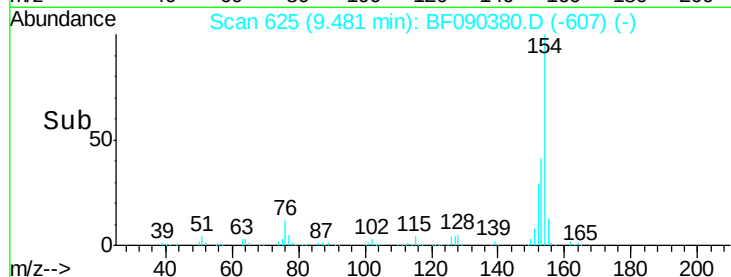
76 11.9 0.0 35.8



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: 45.94 ng

RT: 9.50 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

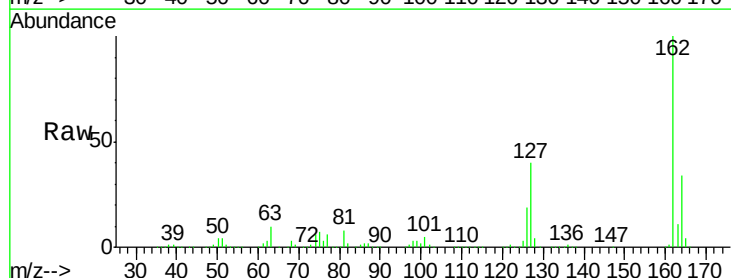
Tgt Ion:162 Resp: 1277610

Ion Ratio Lower Upper

162 100

127 40.5 35.6 53.4

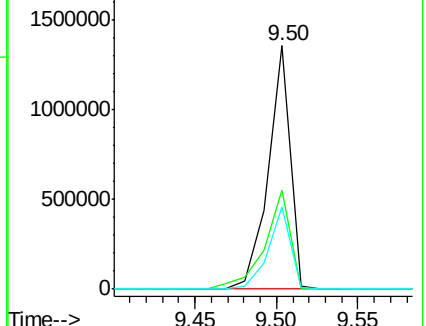
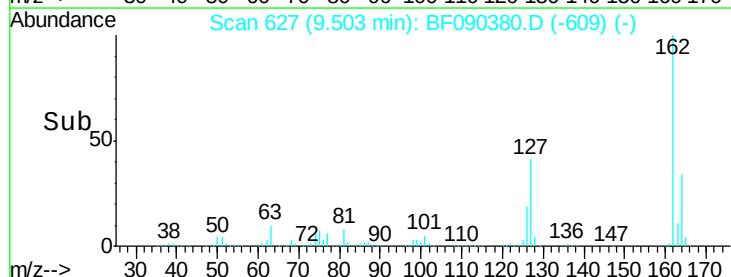
164 34.0 27.5 41.3

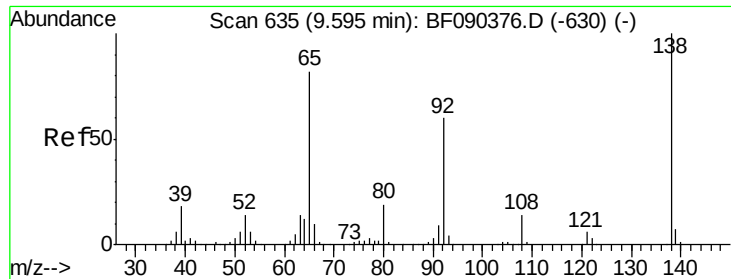


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

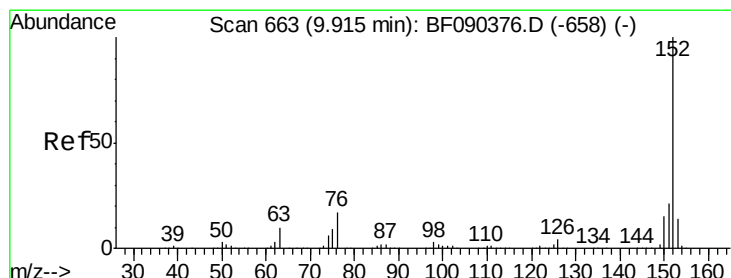
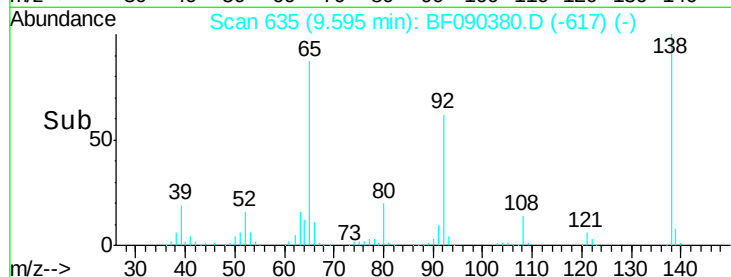
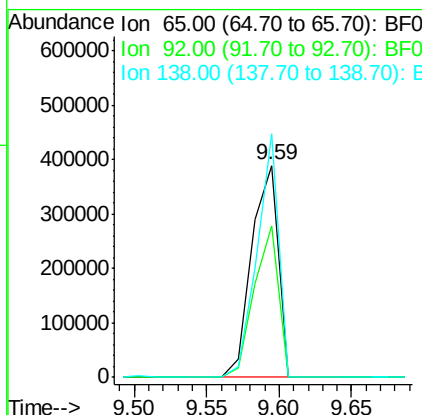
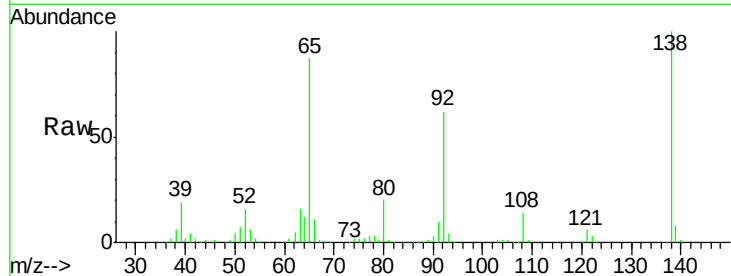




#47
2-Nitroaniline
Concen: 44.80 ng
RT: 9.59 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

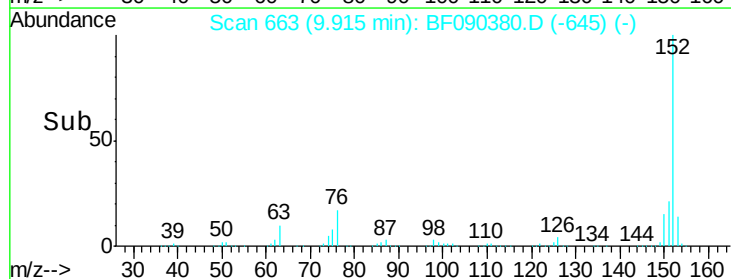
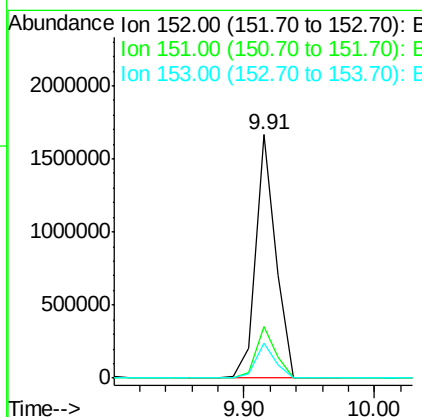
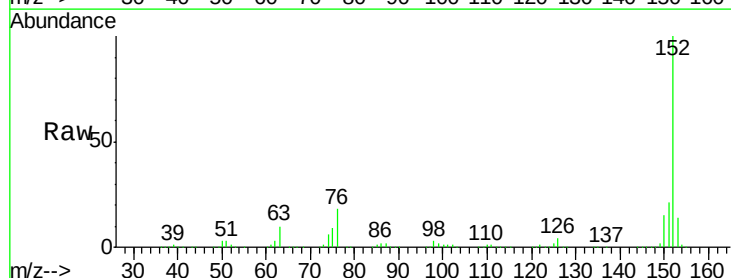
Instrument :
BNA_F
ClientSampleId :
ICVBF100516

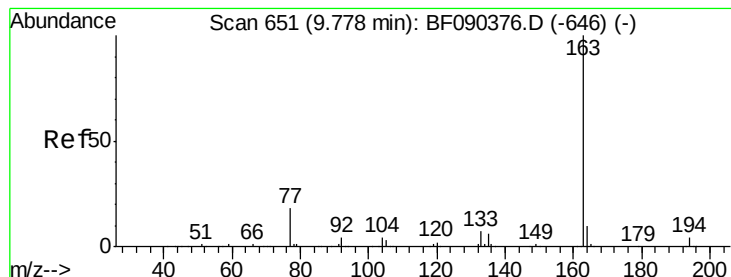
Tgt Ion: 65 Resp: 491655
Ion Ratio Lower Upper
65 100
92 71.7 51.7 77.5
138 114.9 79.0 118.4



#48
Acenaphthylene
Concen: 38.74 ng
RT: 9.91 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion: 152 Resp: 1777522
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.0
153 14.2 11.6 17.4





#49

Dimethylphthalate

Concen: 43.87 ng

RT: 9.78 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

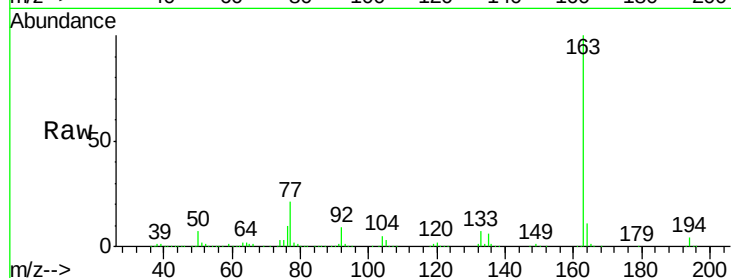
Tgt Ion:163 Resp: 1427032

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

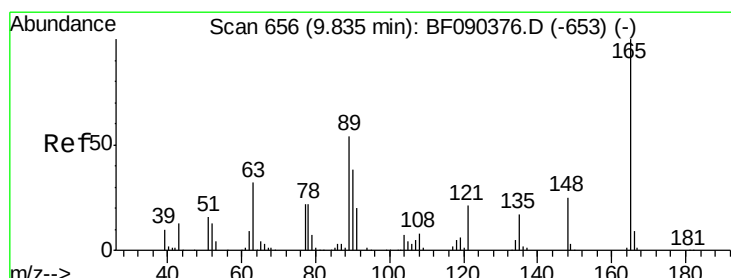
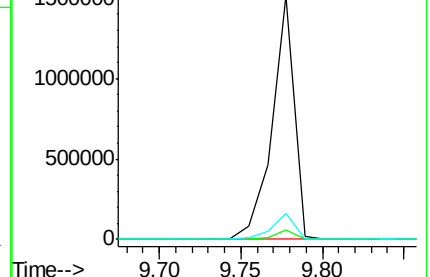
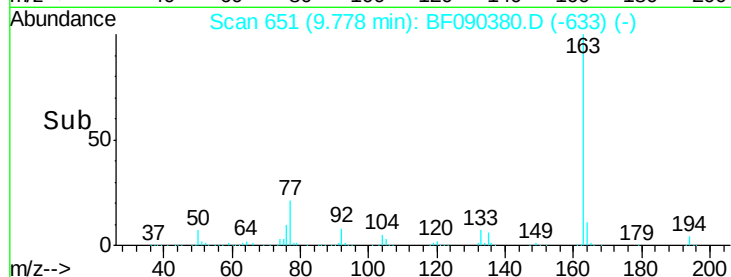
164 10.6 9.0 13.4



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: 44.29 ng

RT: 9.83 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

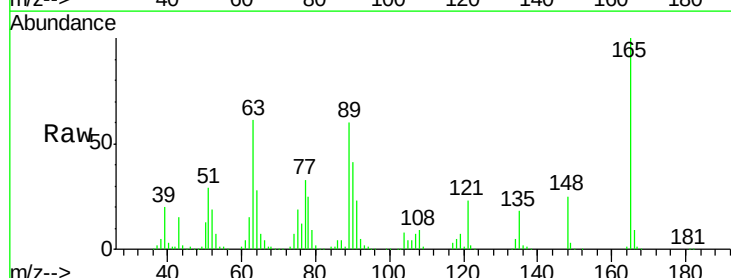
Tgt Ion:165 Resp: 319910

Ion Ratio Lower Upper

165 100

63 60.7 58.0 87.0

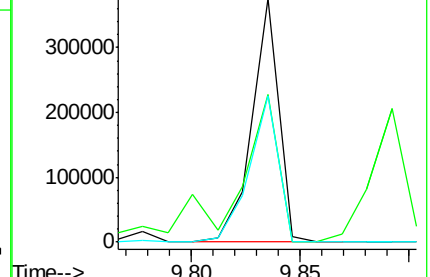
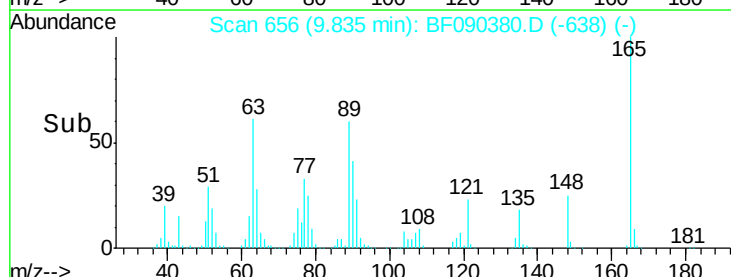
89 60.1 51.2 76.8

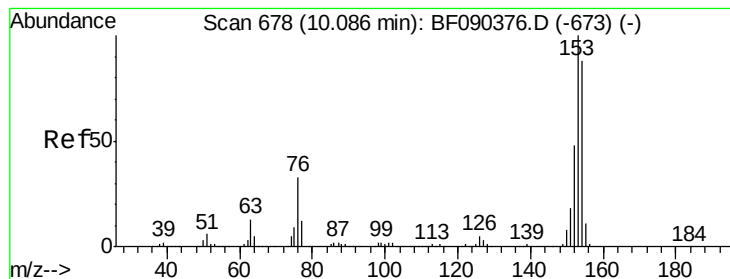


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.50 ng

RT: 10.09 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

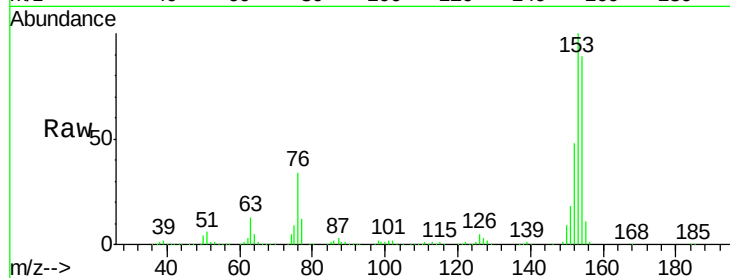
Tgt Ion:154 Resp: 1158888

Ion Ratio Lower Upper

154 100

153 113.0 88.6 133.0

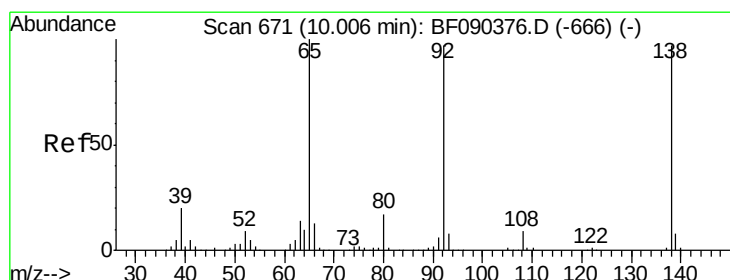
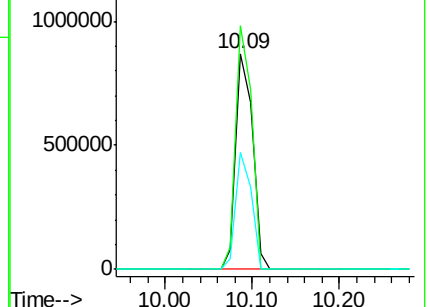
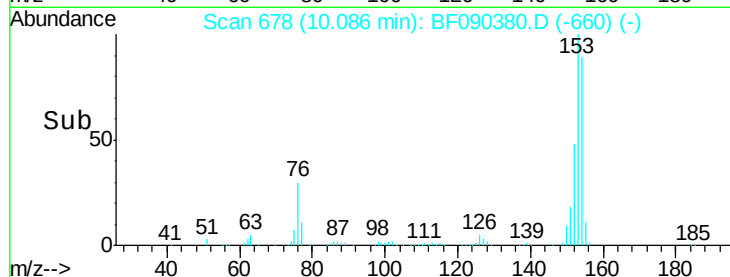
152 54.3 42.6 64.0



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: 48.10 ng

RT: 10.01 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

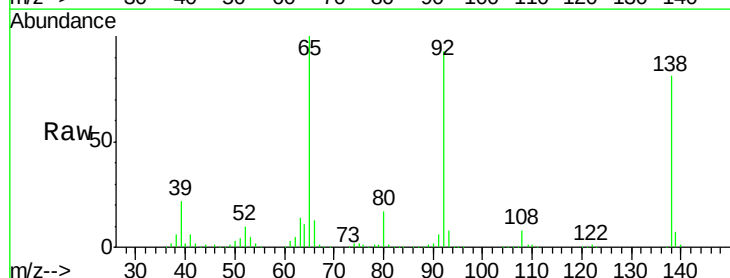
Tgt Ion:138 Resp: 405804

Ion Ratio Lower Upper

138 100

108 9.8 9.7 14.5

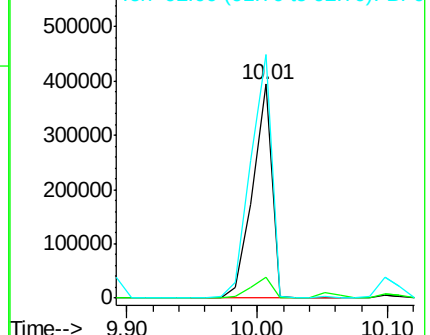
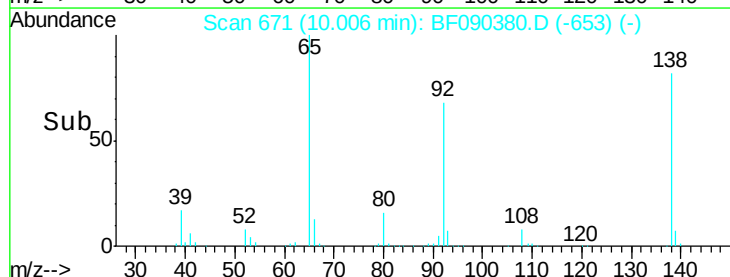
92 113.8 97.1 145.7

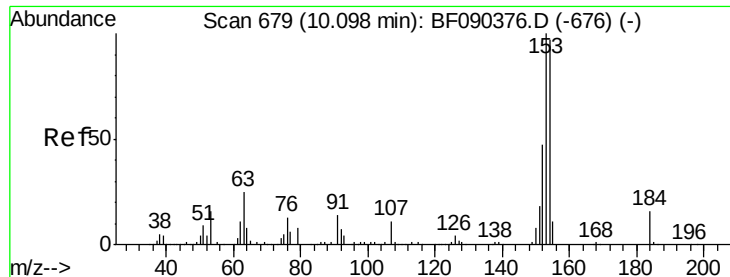


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

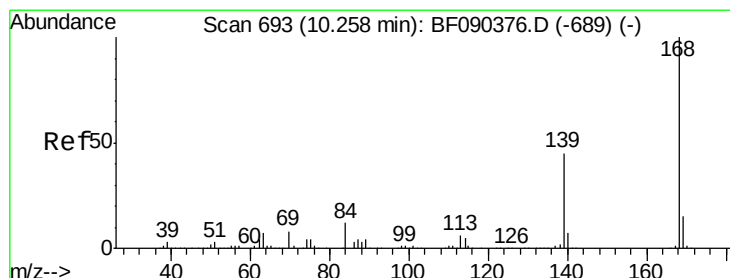
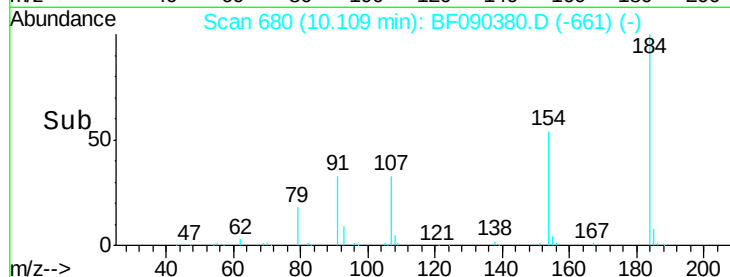
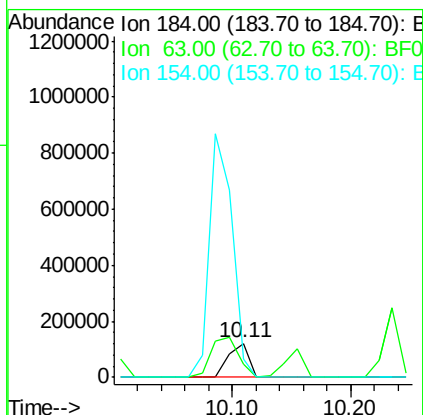
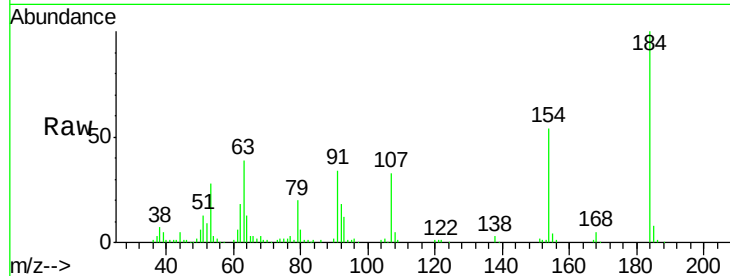




#53
2,4-Dinitrophenol
Concen: 45.14 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

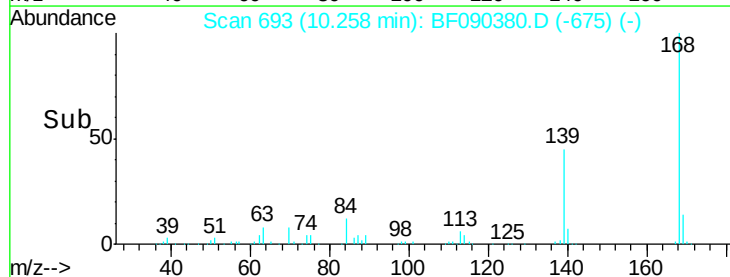
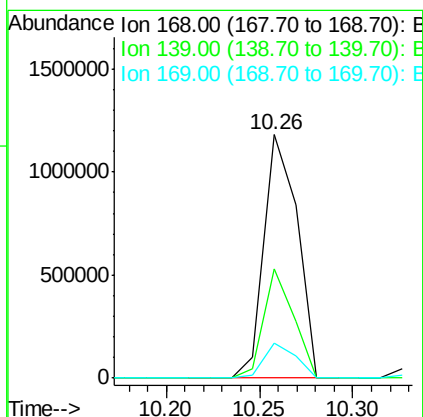
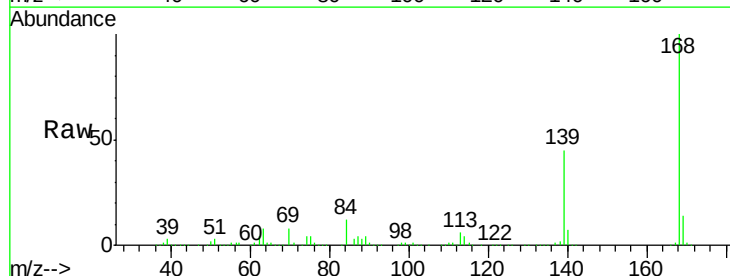
Instrument :
BNA_F
ClientSampleId :
ICVBF100516

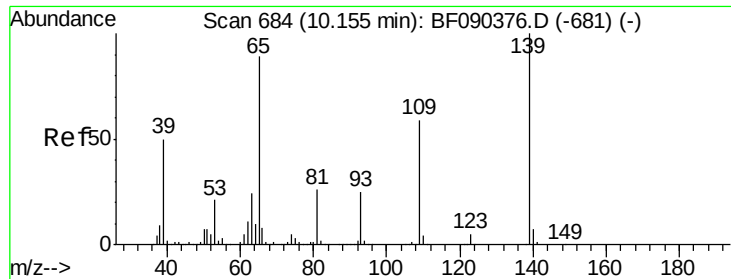
Tgt Ion:184 Resp: 145345
Ion Ratio Lower Upper
184 100
63 38.7 41.9 62.9#
154 54.0 48.9 73.3



#54
Dibenzofuran
Concen: 39.43 ng
RT: 10.26 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion:168 Resp: 1460192
Ion Ratio Lower Upper
168 100
139 45.0 29.6 44.4#
169 14.3 11.3 16.9

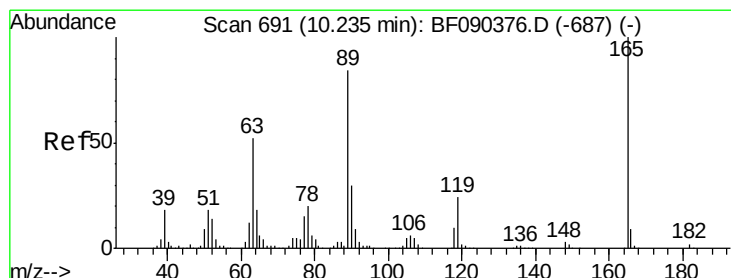
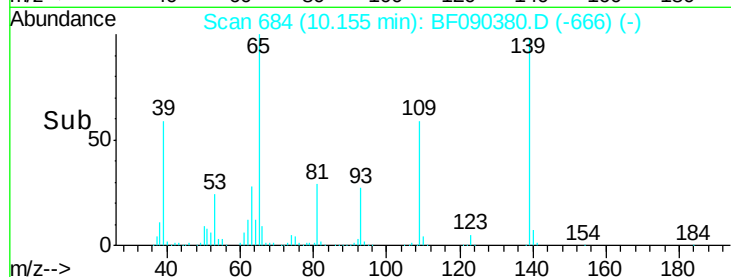
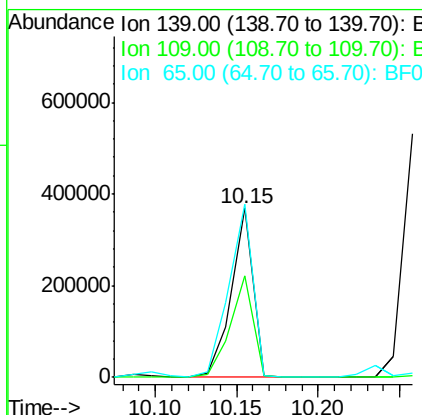
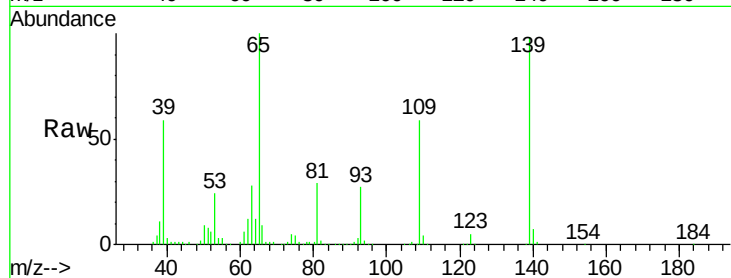




#55
4-Nitrophenol
Concen: 45.75 ng
RT: 10.15 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

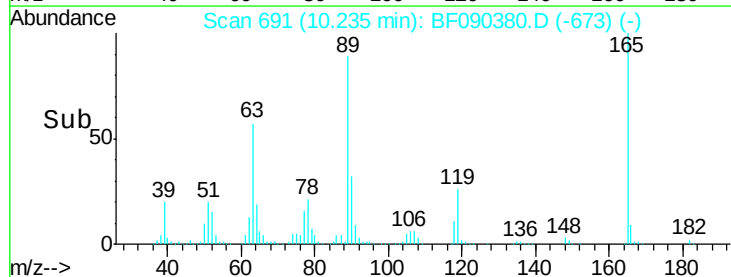
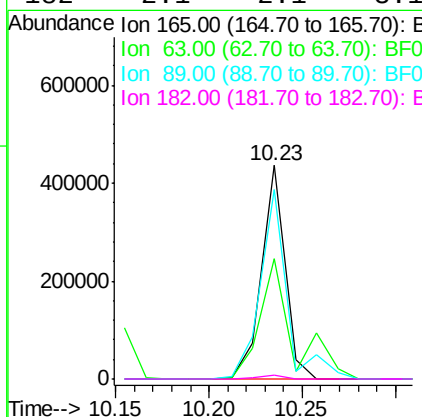
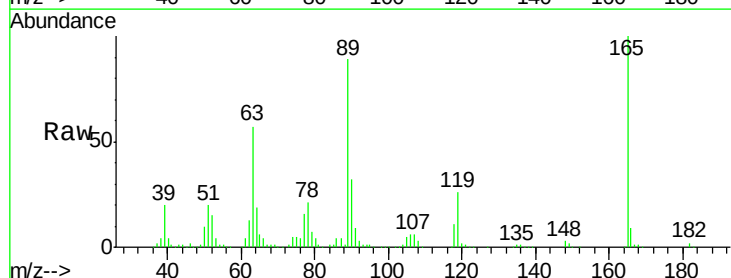
Instrument :
BNA_F
ClientSampleId :
ICVBF100516

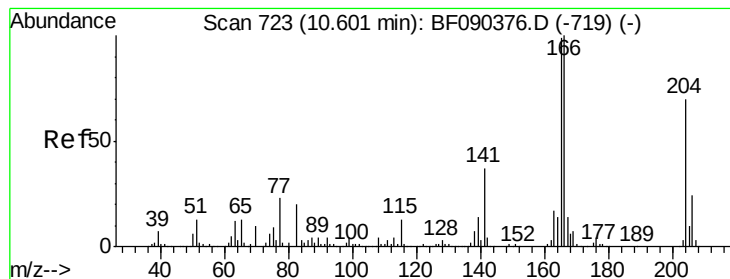
Tgt Ion:139 Resp: 337705
Ion Ratio Lower Upper
139 100
109 60.4 43.6 83.6
65 102.4 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 39.36 ng
RT: 10.23 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion:165 Resp: 378313
Ion Ratio Lower Upper
165 100
63 56.5 17.8 26.6#
89 88.6 33.2 49.8#
182 2.1 2.1 3.1





#57

Fluorene

Concen: 42.29 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

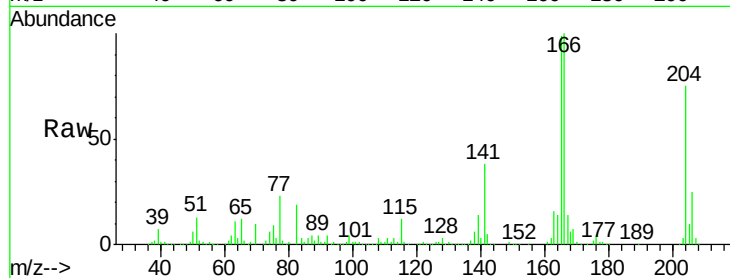
Tgt Ion:166 Resp: 1316314

Ion Ratio Lower Upper

166 100

165 99.3 79.2 118.8

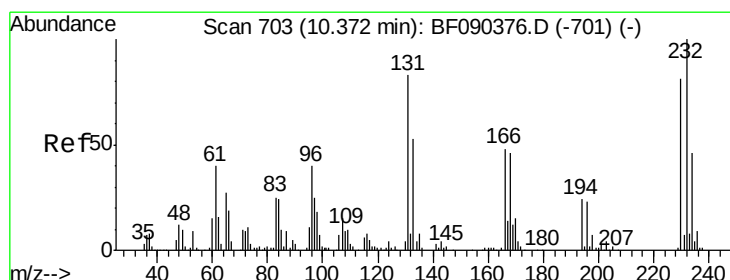
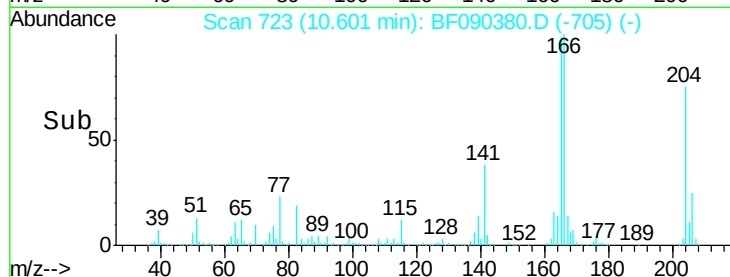
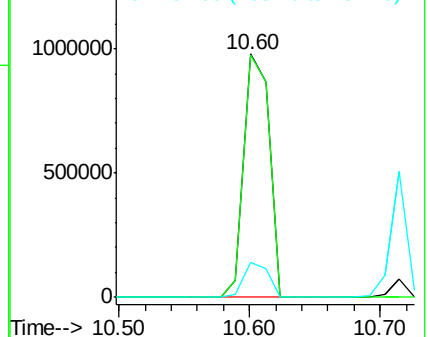
167 14.4 11.1 16.7



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: 45.62 ng

RT: 10.34 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Tgt Ion:232 Resp: 297728

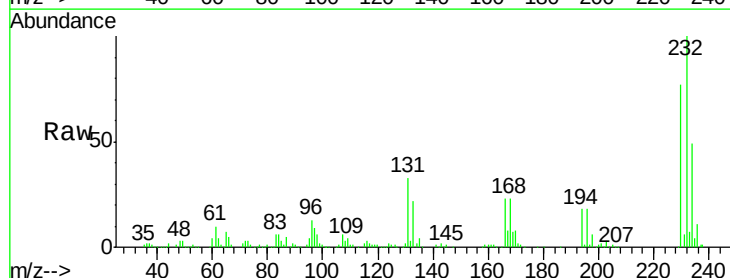
Ion Ratio Lower Upper

232 100

131 47.0 34.5 51.7

130 2.2 1.6 2.4

166 27.9 23.8 35.8

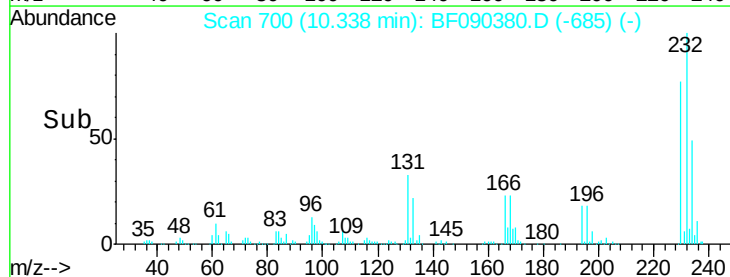
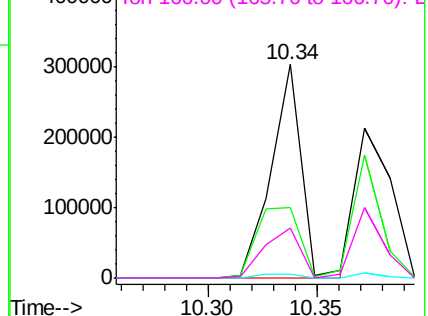


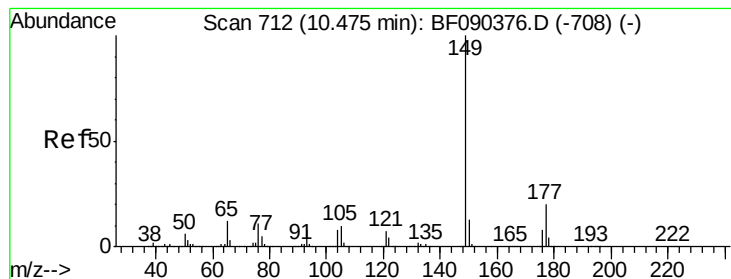
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.59 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

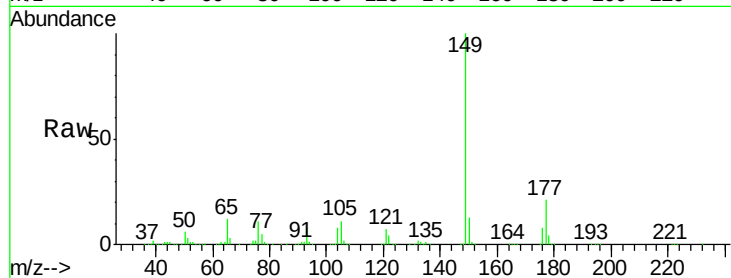
Tgt Ion:149 Resp: 1366238

Ion Ratio Lower Upper

149 100

177 21.4 21.1 31.7

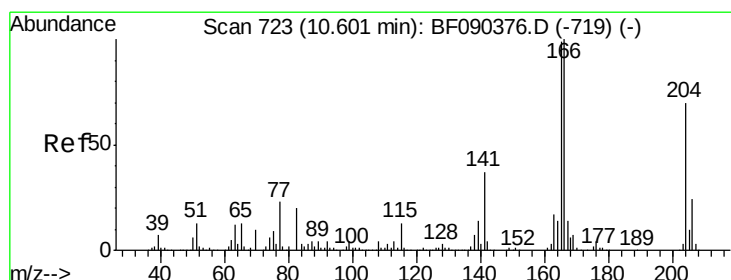
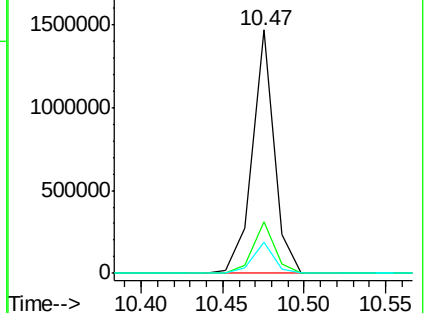
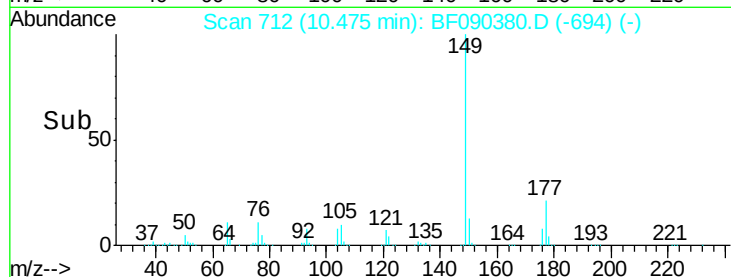
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.41 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

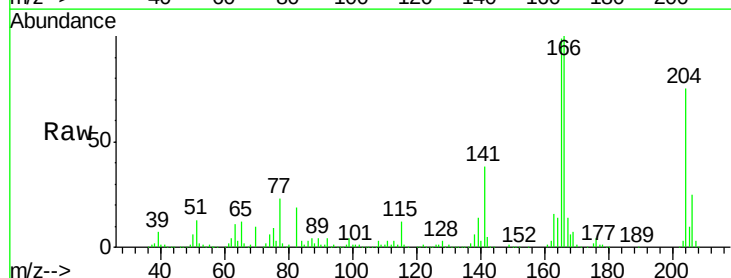
Tgt Ion:204 Resp: 656767

Ion Ratio Lower Upper

204 100

206 33.6 26.7 40.1

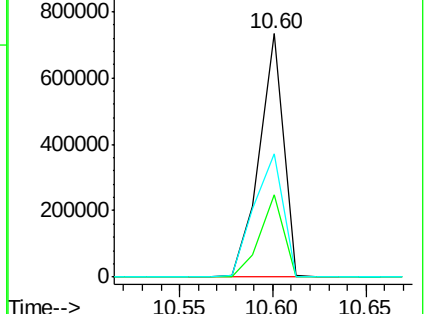
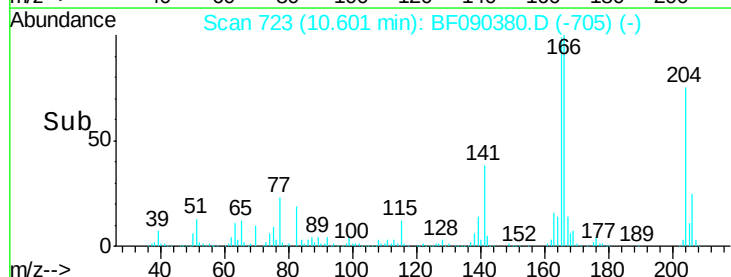
141 50.6 51.7 77.5#

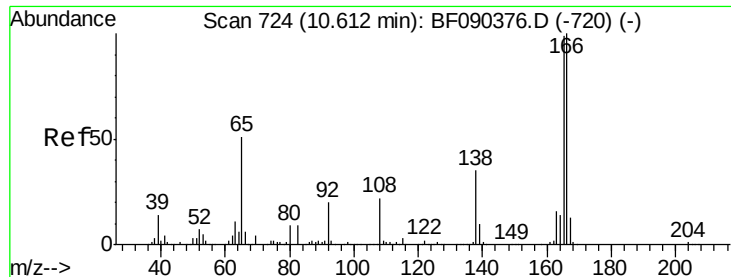


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

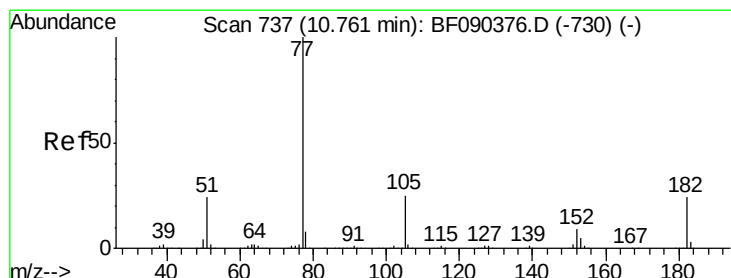
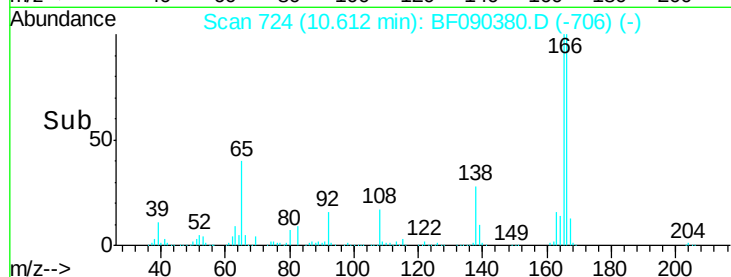
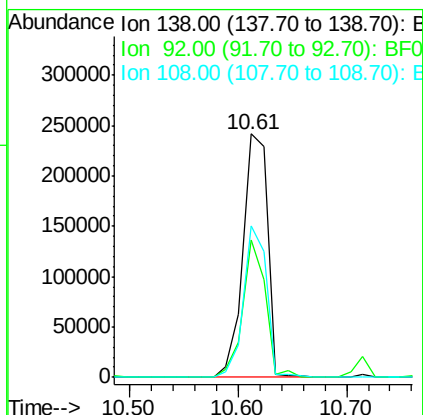
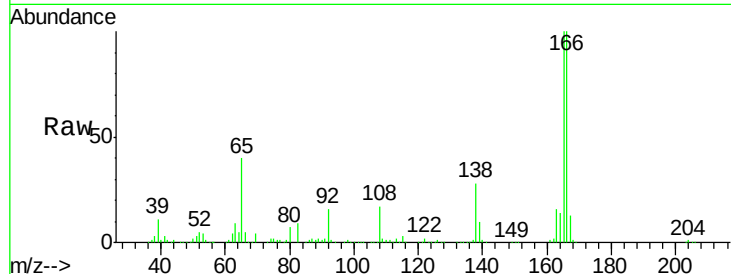




#61
4-Nitroaniline
Concen: 44.63 ng
RT: 10.61 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

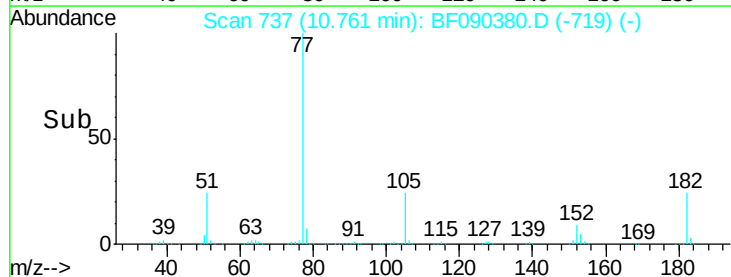
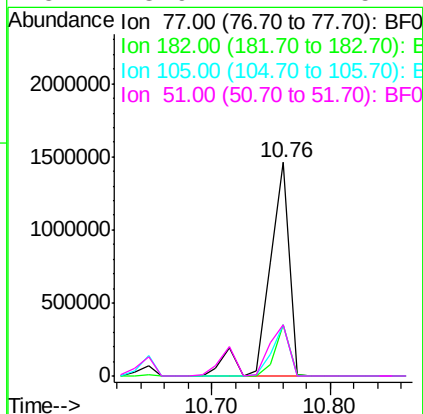
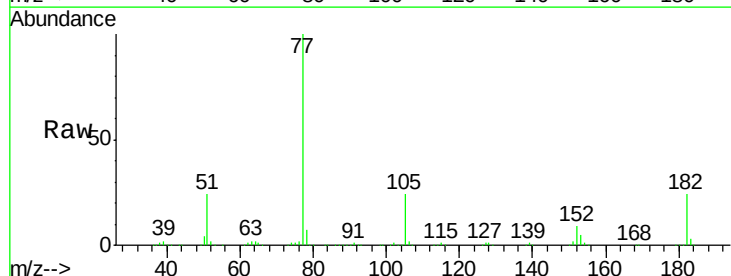
Instrument :
BNA_F
ClientSampleId :
ICVBF100516

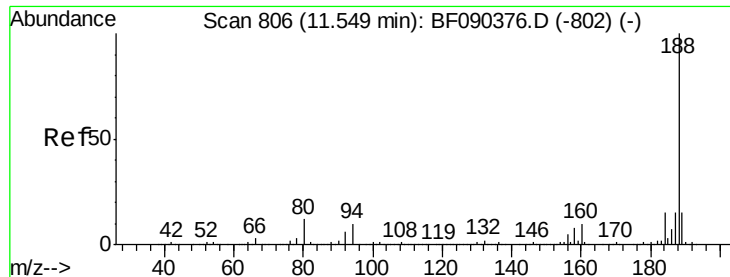
Tgt Ion:138 Resp: 379367
Ion Ratio Lower Upper
138 100
92 56.4 33.2 73.2
108 62.1 48.5 88.5



#62
Azobenzene
Concen: 44.79 ng
RT: 10.76 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion: 77 Resp: 1741139
Ion Ratio Lower Upper
77 100
182 24.0 3.2 43.2
105 24.1 2.9 42.9
51 23.9 14.2 54.2

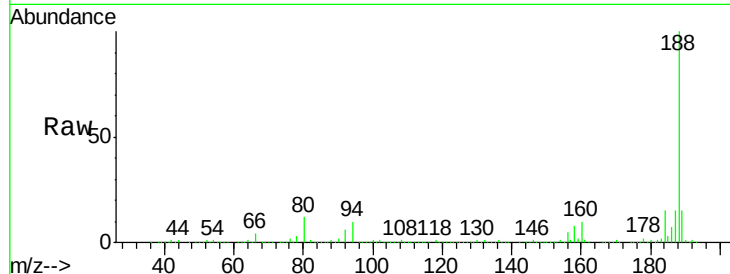




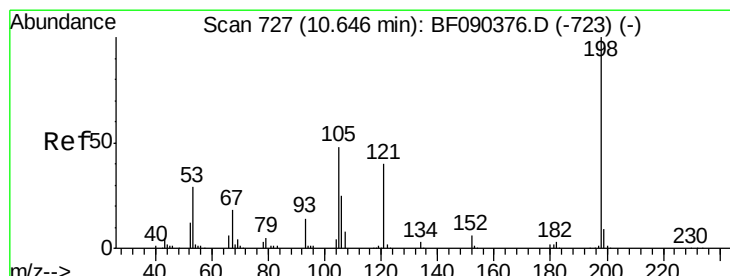
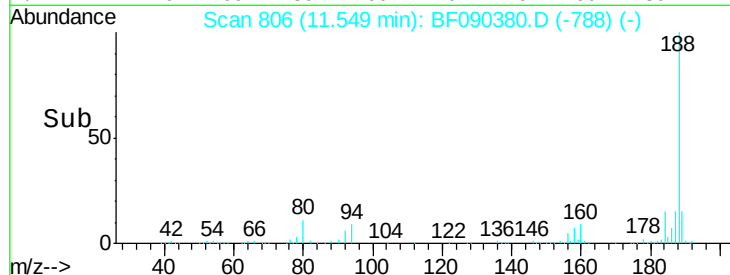
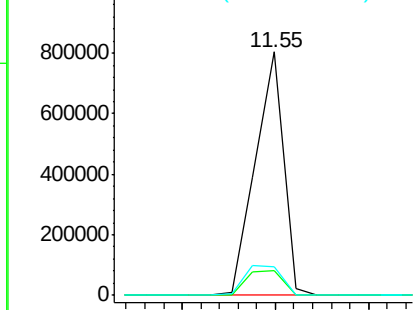
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tgt Ion:188 Resp: 843833
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 11.7 8.8 13.2

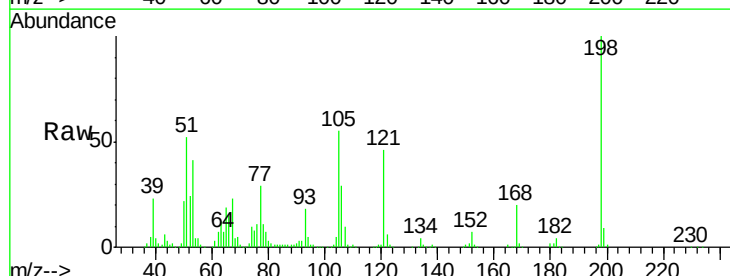


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

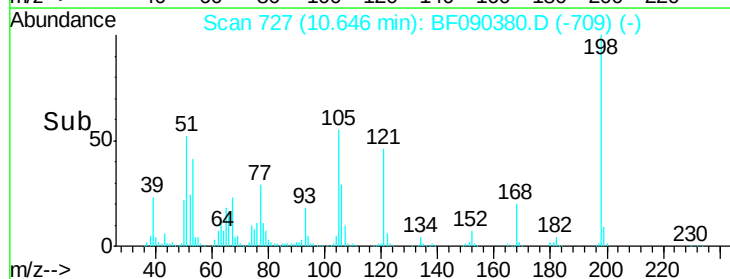
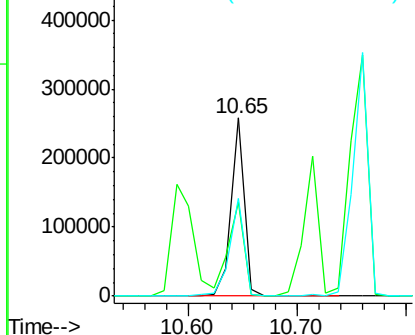


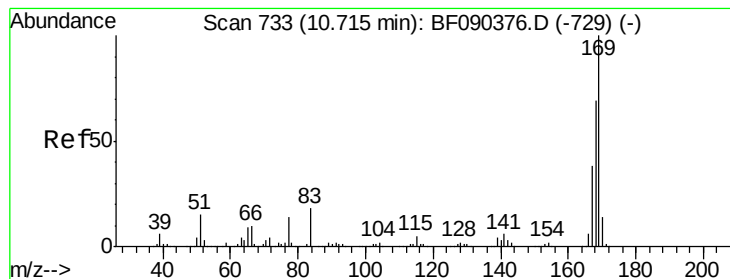
#64
4,6-Dinitro-2-methylphenol
Concen: 38.96 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion:198 Resp: 215340
Ion Ratio Lower Upper
198 100
51 52.4 67.3 107.3#
105 54.7 42.6 82.6



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

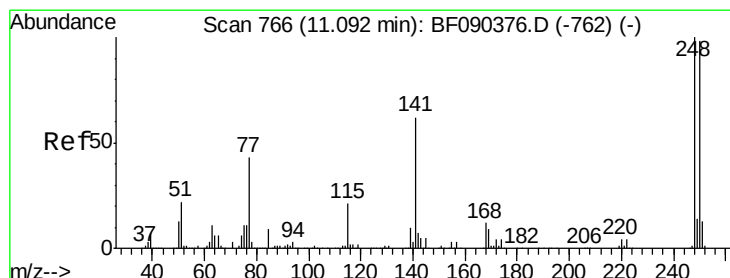
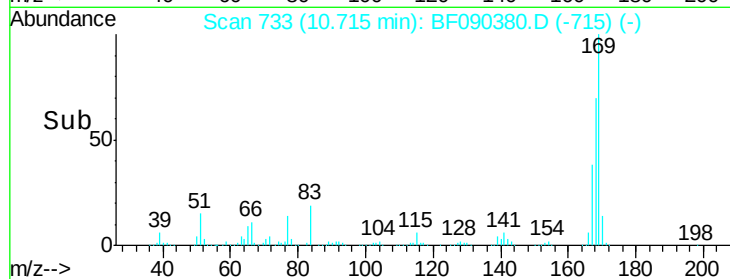
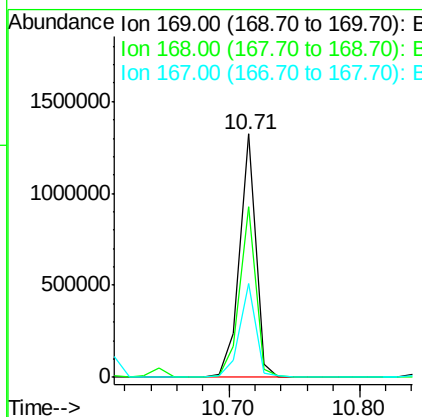
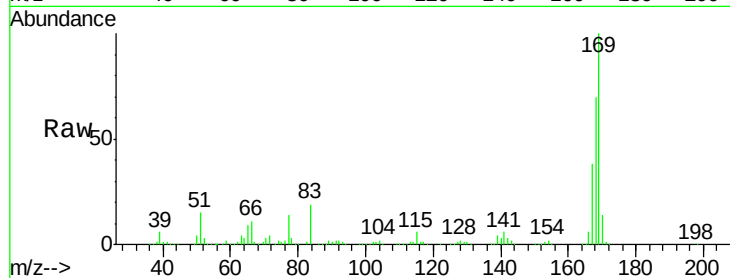




#65
 n-Nitrosodiphenylamine
 Concen: 40.08 ng
 RT: 10.71 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

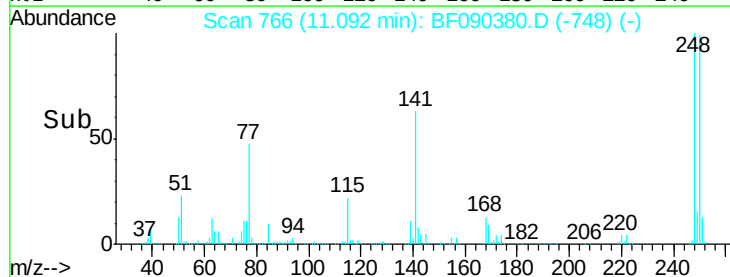
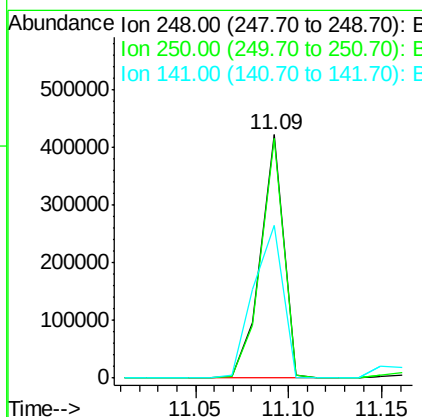
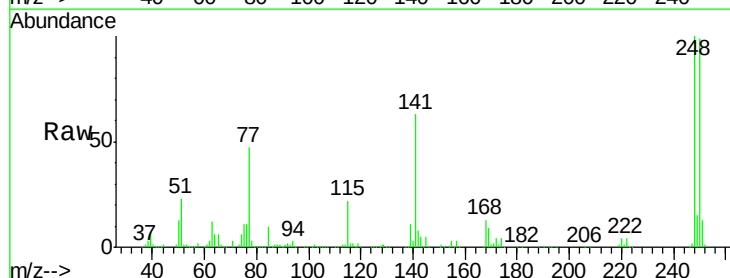
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

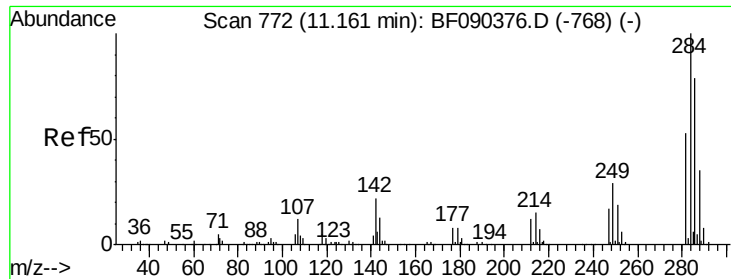
Tgt Ion:169 Resp: 1133460
 Ion Ratio Lower Upper
 169 100
 168 70.0 53.8 80.6
 167 38.4 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 43.72 ng
 RT: 11.09 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:248 Resp: 361616
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.5 114.7
 141 63.0 59.8 89.6

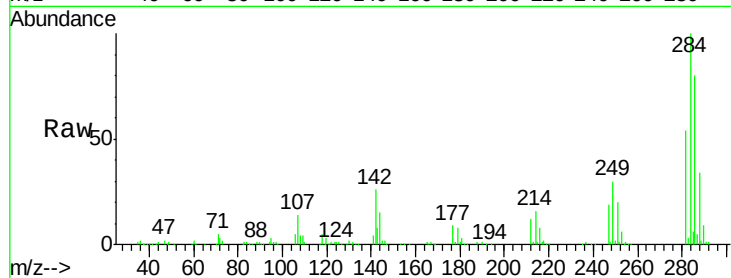




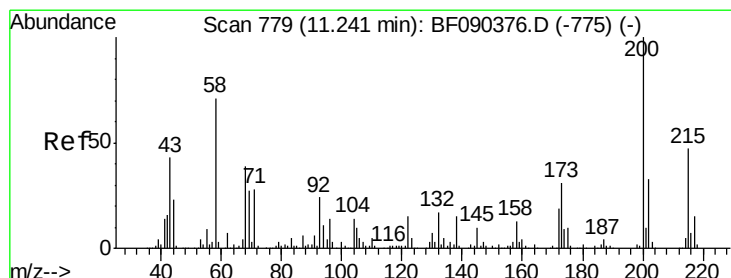
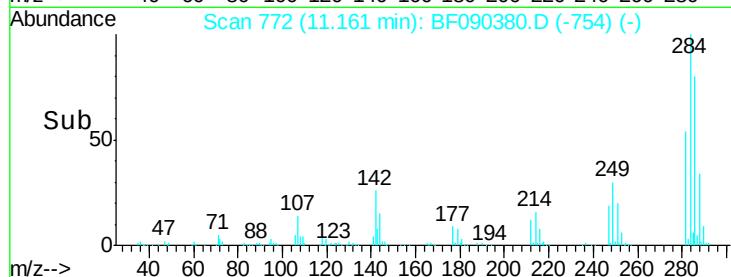
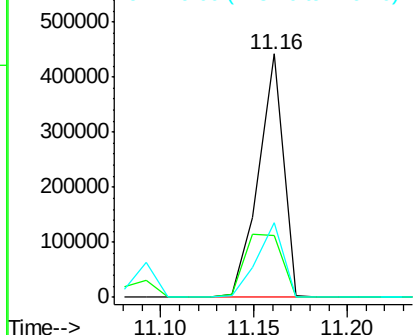
#67
Hexachlorobenzene
Concen: 44.38 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Instrument :
BNA_F
ClientSampleId :
ICVBF100516

Tgt Ion: 284 Resp: 408838
Ion Ratio Lower Upper
284 100
142 25.5 23.1 34.7
249 30.5 26.3 39.5

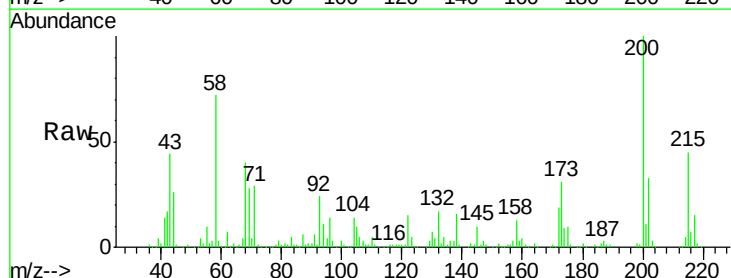


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

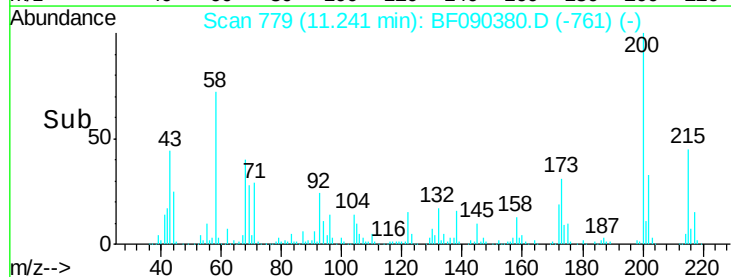
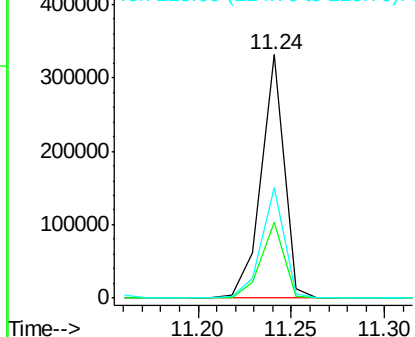


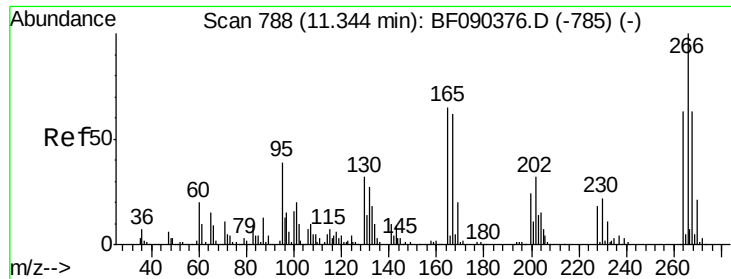
#68
Atrazine
Concen: 40.20 ng
RT: 11.24 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion: 200 Resp: 280307
Ion Ratio Lower Upper
200 100
173 31.0 9.0 49.0
215 45.3 24.8 64.8



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

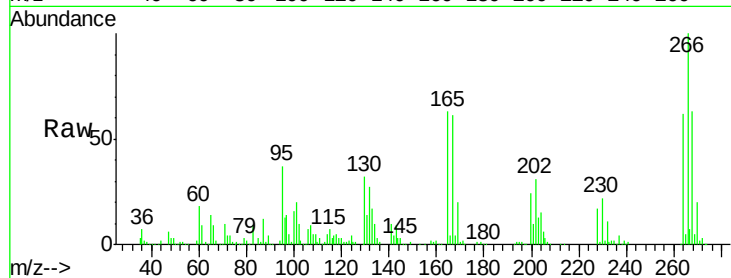




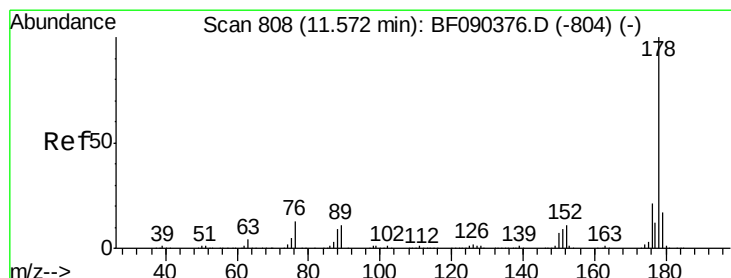
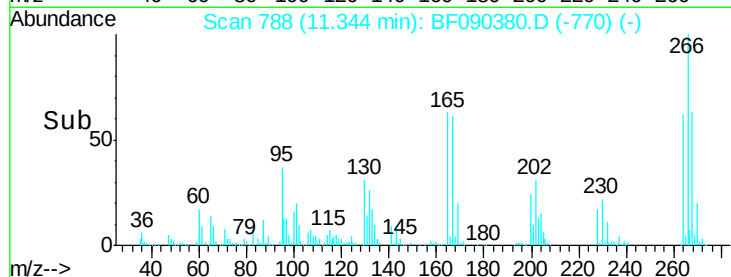
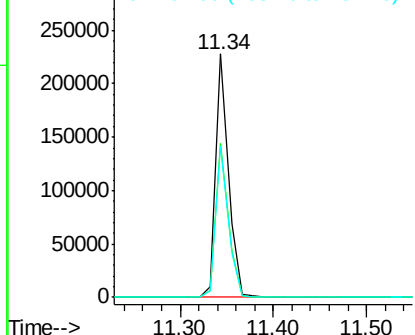
#69
 Pentachlorophenol
 Concen: 39.16 ng
 RT: 11.34 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tgt Ion:266 Resp: 214743
 Ion Ratio Lower Upper
 266 100
 268 63.2 50.9 76.3
 264 62.3 51.5 77.3

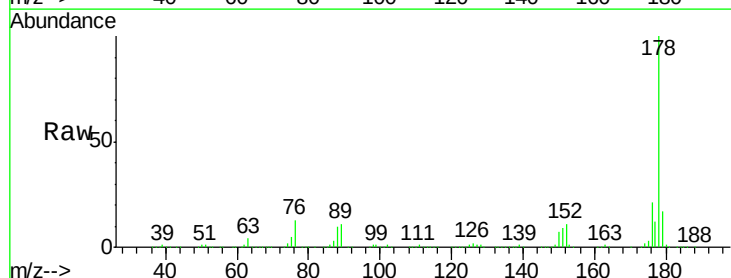


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

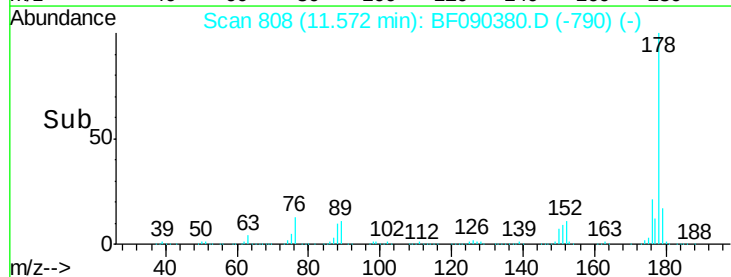
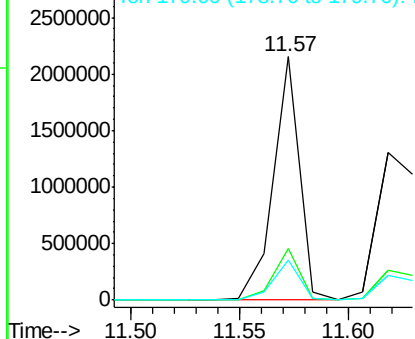


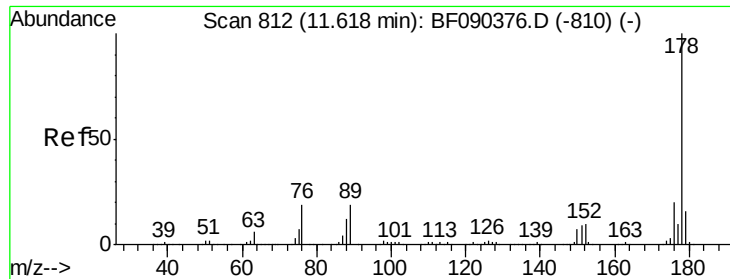
#70
 Phenanthrene
 Concen: 42.12 ng
 RT: 11.57 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:178 Resp: 1819922
 Ion Ratio Lower Upper
 178 100
 176 21.2 17.3 25.9
 179 16.7 13.8 20.6



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

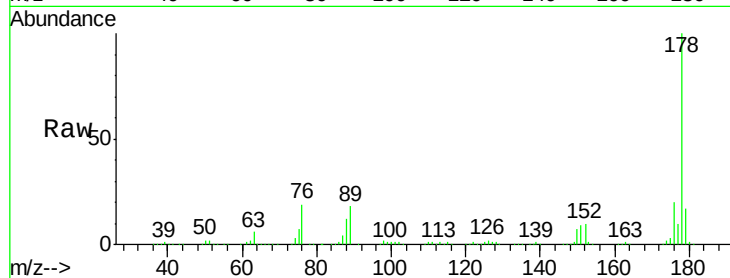




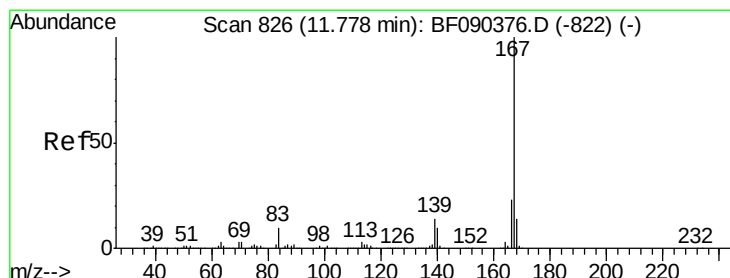
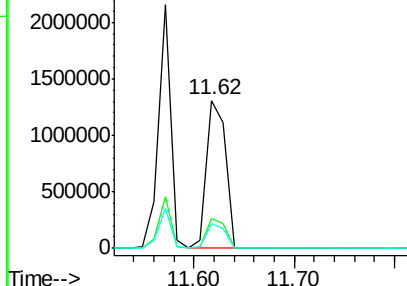
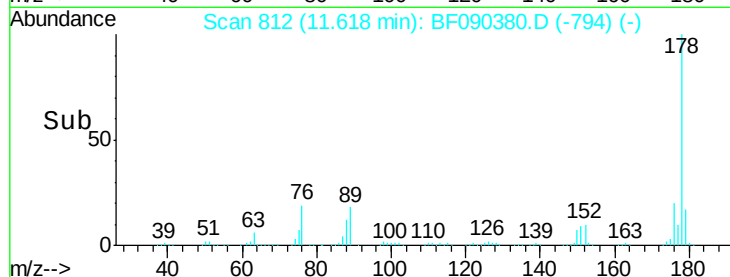
#71
 Anthracene
 Concen: 38.91 ng
 RT: 11.62 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tgt Ion:178 Resp: 1716882
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.8 25.2
 179 16.6 13.4 20.2

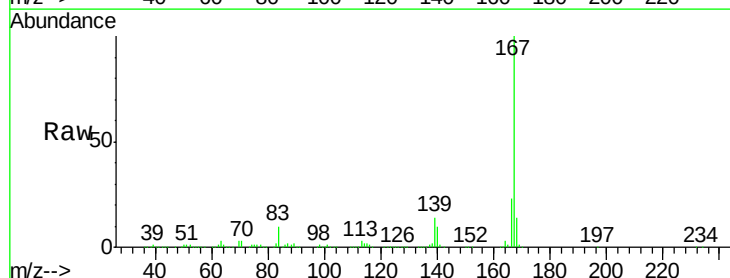


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

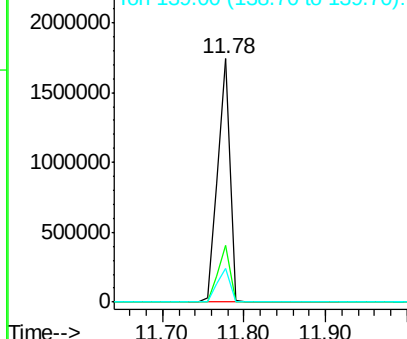
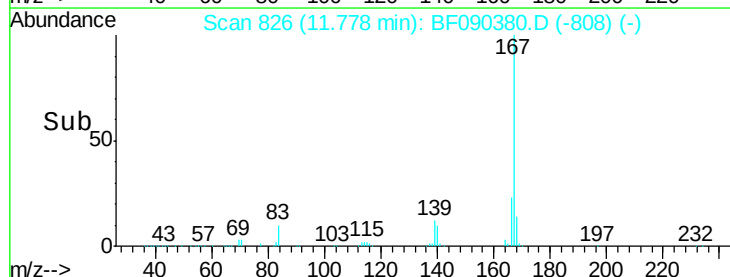


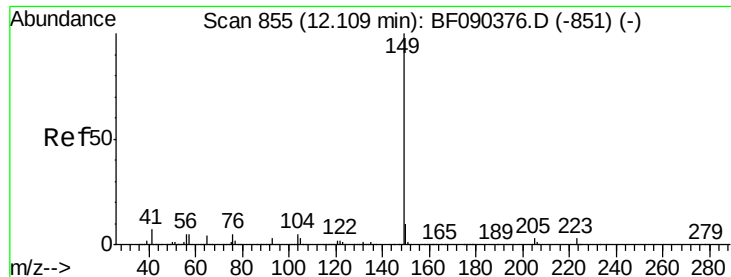
#72
 Carbazole
 Concen: 44.25 ng
 RT: 11.78 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:167 Resp: 1814147
 Ion Ratio Lower Upper
 167 100
 166 23.1 19.1 28.7
 139 13.6 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.62 ng

RT: 12.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

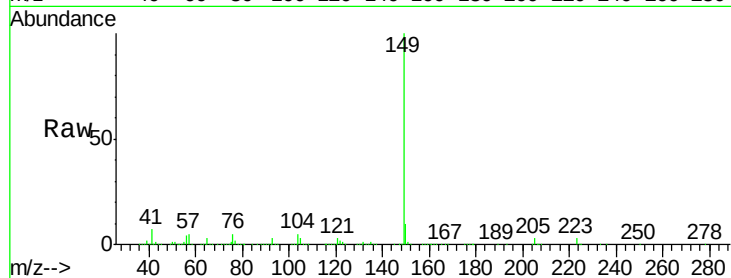
Tgt Ion:149 Resp: 2226358

Ion Ratio Lower Upper

149 100

150 10.2 8.6 12.8

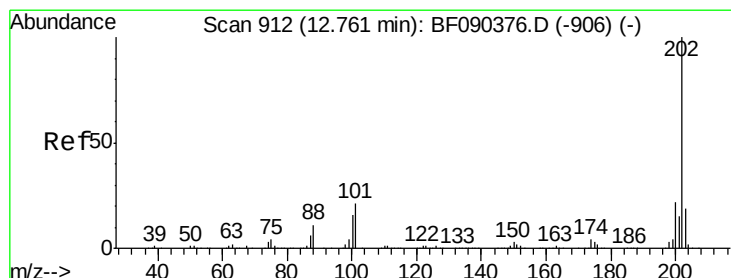
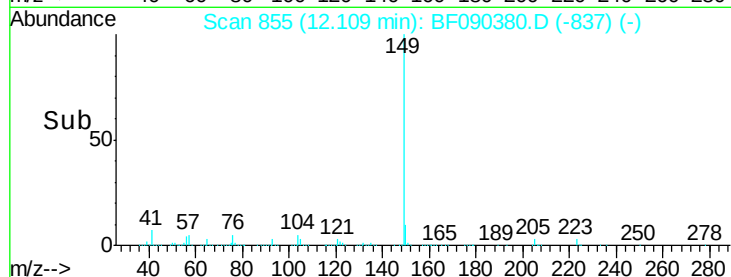
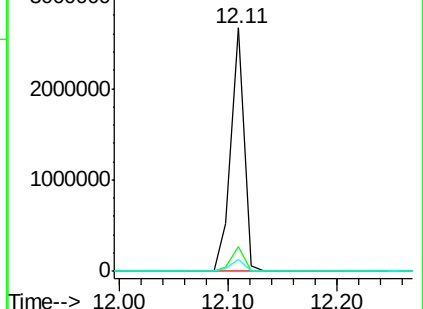
104 5.1 4.7 7.1



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: 36.96 ng

RT: 12.76 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

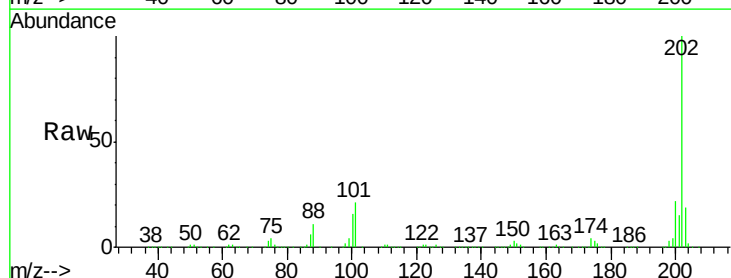
Tgt Ion:202 Resp: 1566274

Ion Ratio Lower Upper

202 100

101 20.9 0.0 37.2

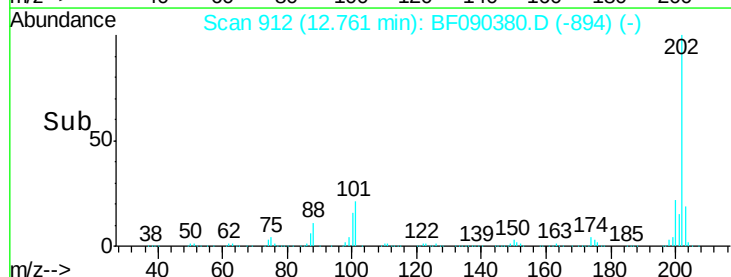
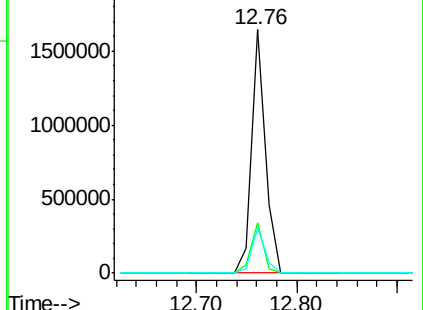
203 18.8 0.0 39.3

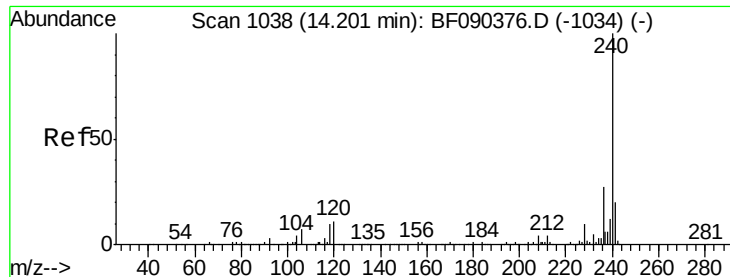


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

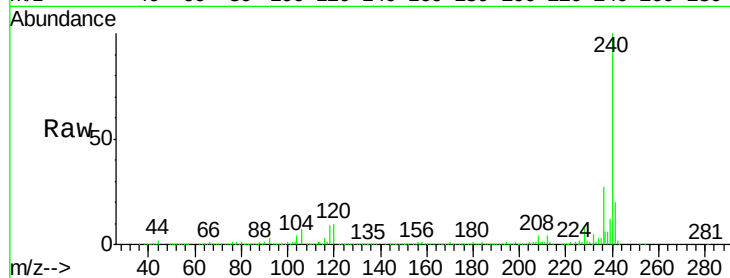
Tgt Ion:240 Resp: 670285

Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

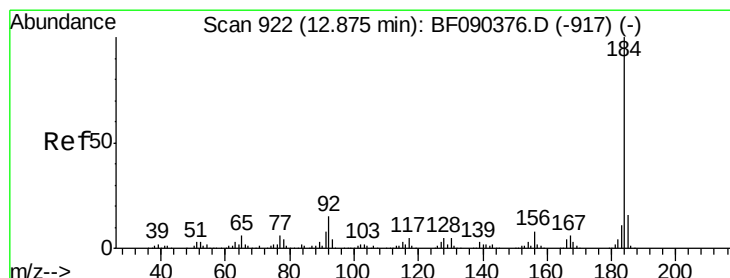
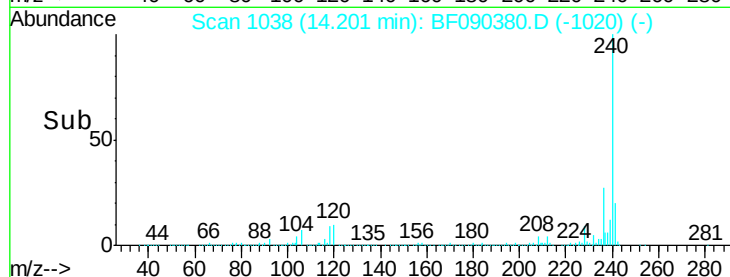
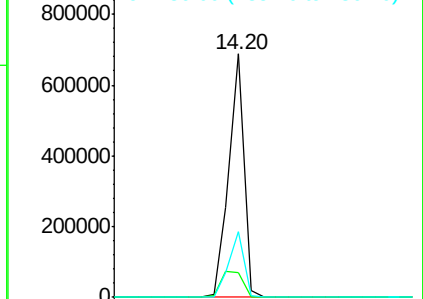
236 27.2 21.6 32.4



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: 38.24 ng

RT: 12.88 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

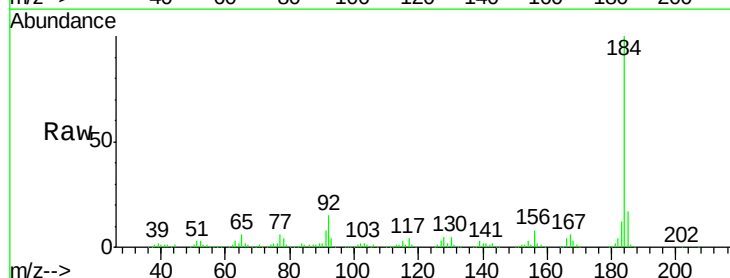
Tgt Ion:184 Resp: 673994

Ion Ratio Lower Upper

184 100

185 16.8 11.8 17.8

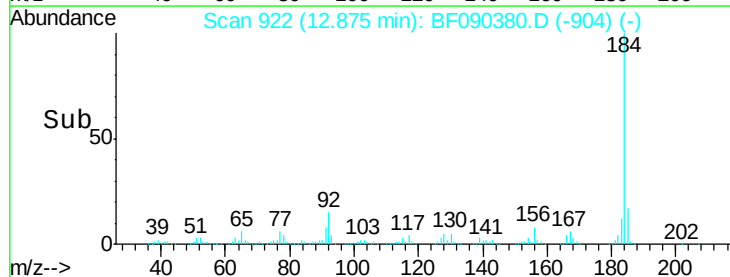
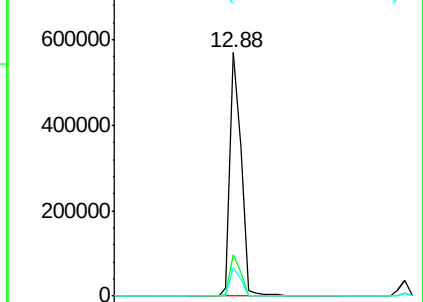
183 11.9 9.6 14.4

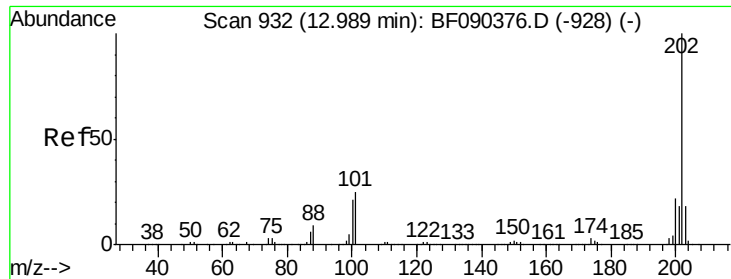


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



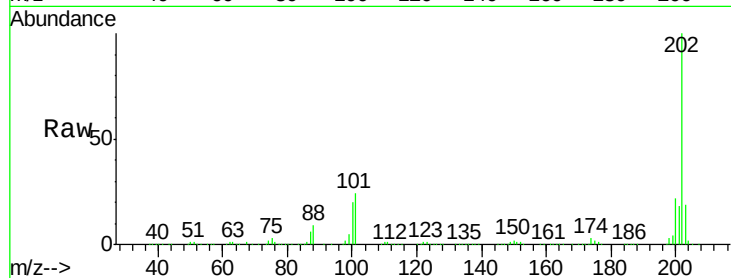


#77
 Pyrene
 Concen: 37.72 ng
 RT: 12.99 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

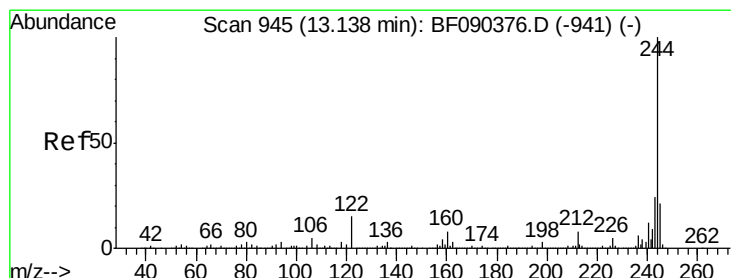
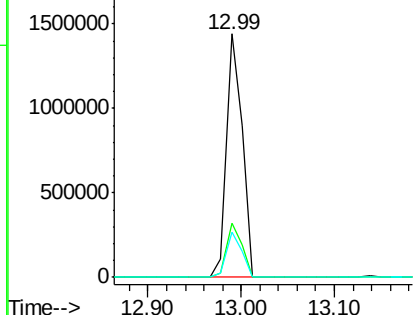
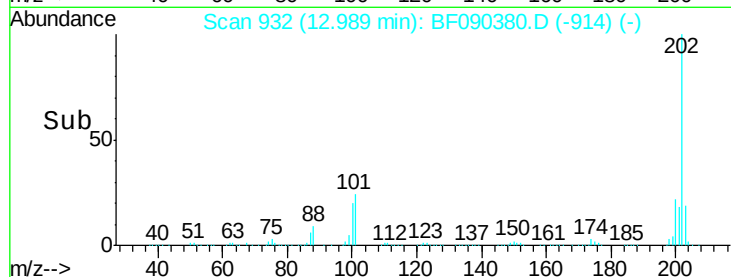
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tgt Ion: 202 Resp: 1685894

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.5	27.7
203	18.8	15.0	22.6



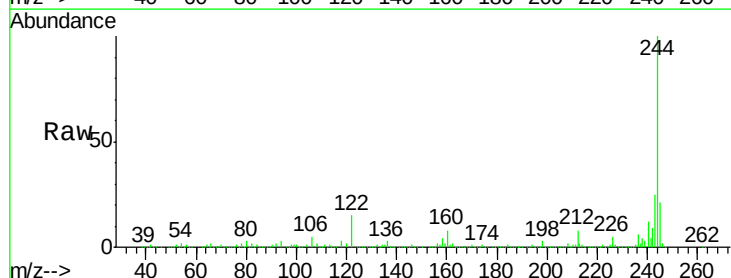
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



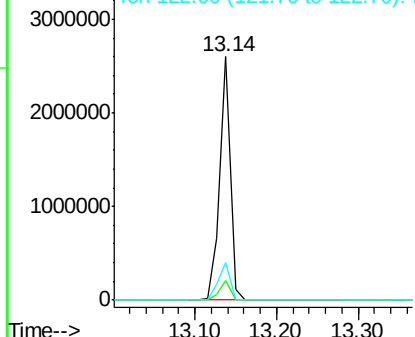
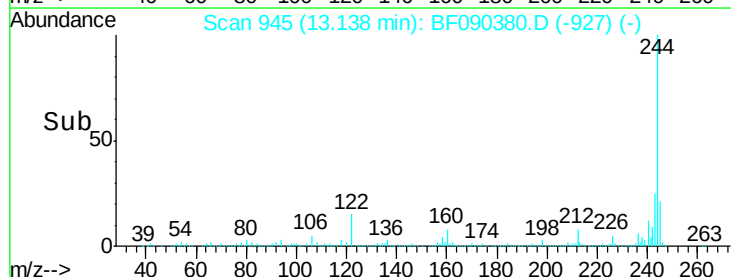
#78
 Terphenyl-d14
 Concen: 78.06 ng
 RT: 13.14 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

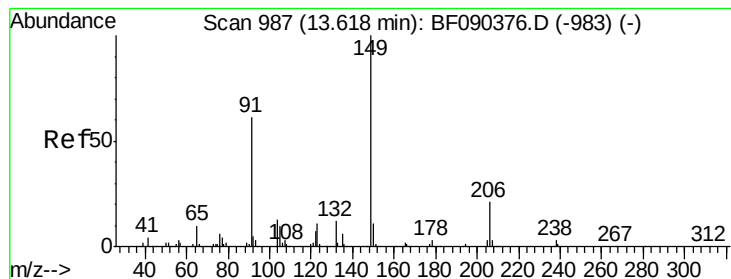
Tgt Ion: 244 Resp: 2327401

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.8	10.2
122	15.2	13.3	19.9



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: 38.85 ng

RT: 13.62 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

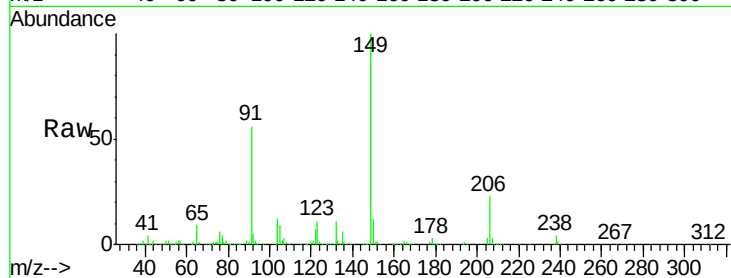
Tgt Ion:149 Resp: 890937

Ion Ratio Lower Upper

149 100

91 56.4 51.8 77.8

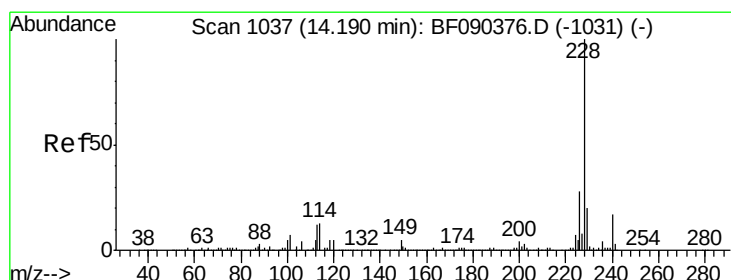
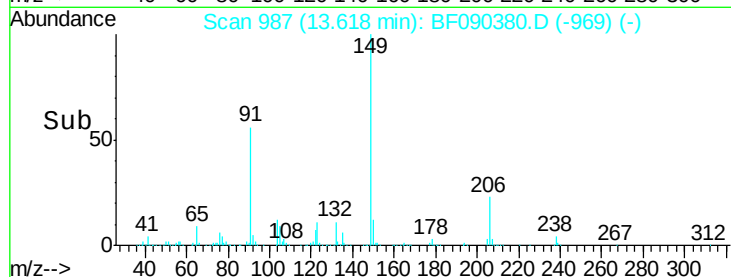
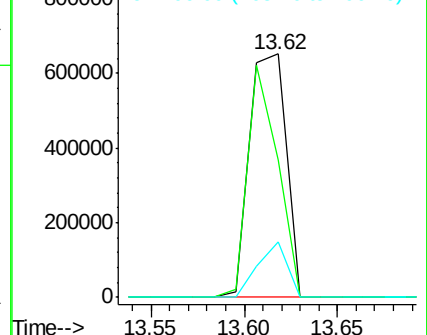
206 22.6 18.0 27.0



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: 41.28 ng

RT: 14.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

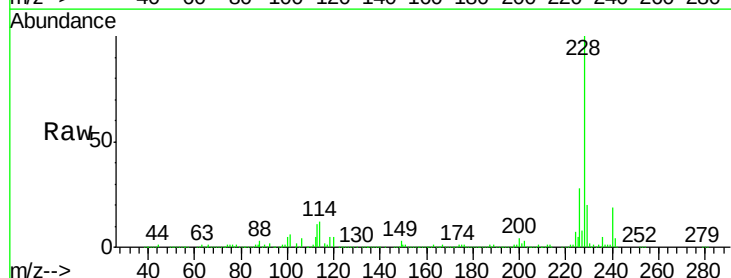
Tgt Ion:228 Resp: 1552404

Ion Ratio Lower Upper

228 100

226 28.4 23.6 35.4

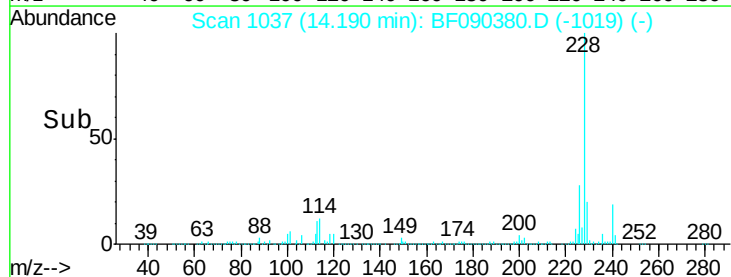
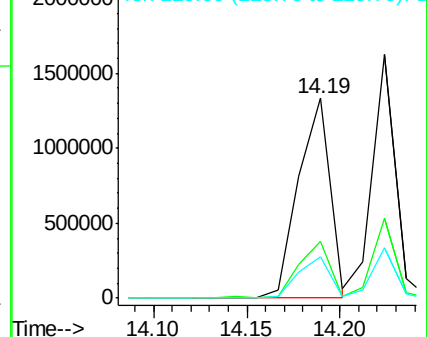
229 20.5 16.6 25.0

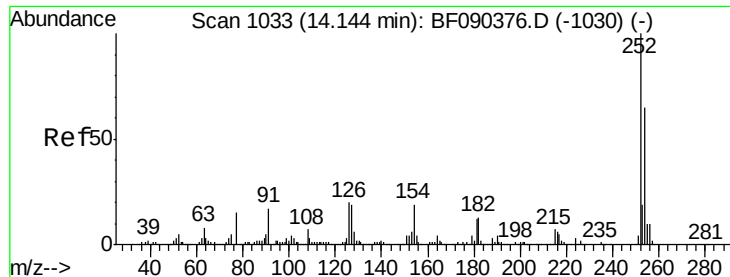


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

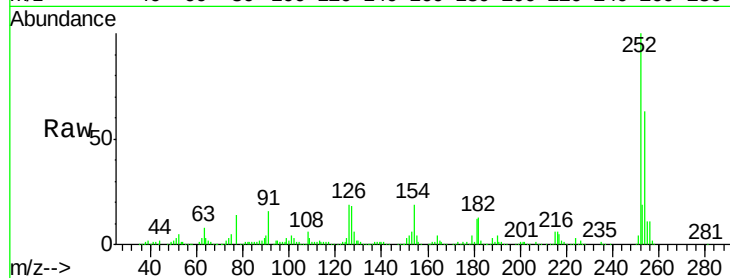




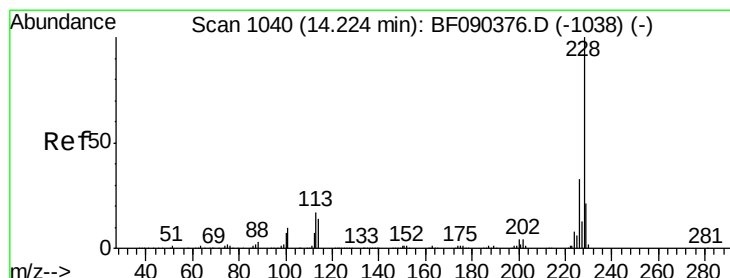
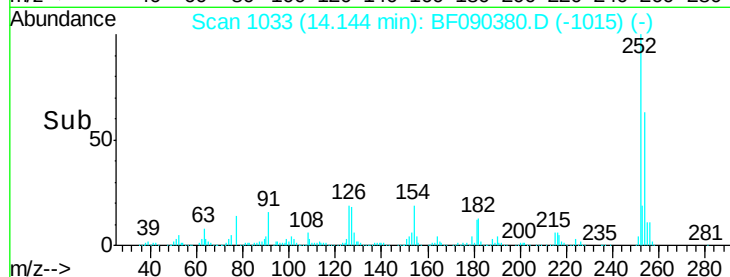
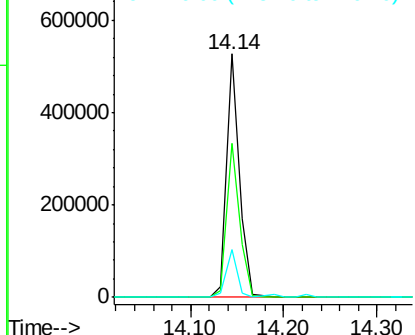
#81
 3,3'-Dichlorobenzidine
 Concen: 36.87 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

Tgt Ion:252 Resp: 502739
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.1 78.1
 126 19.4 4.2 6.4#

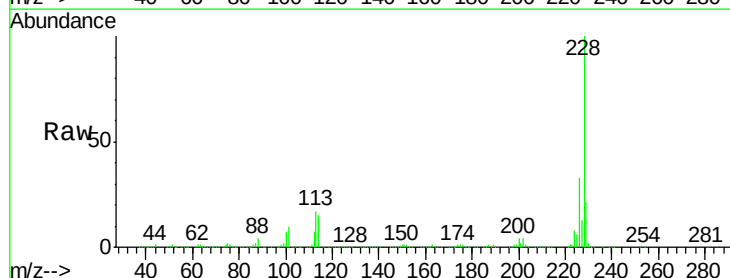


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

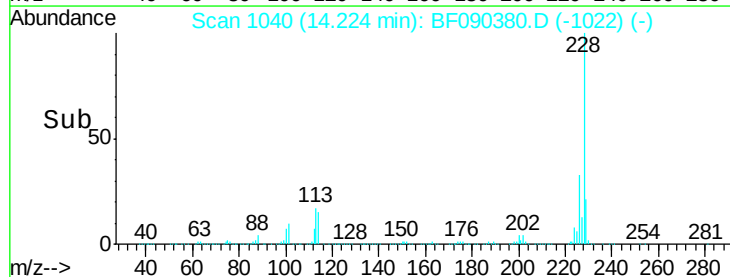
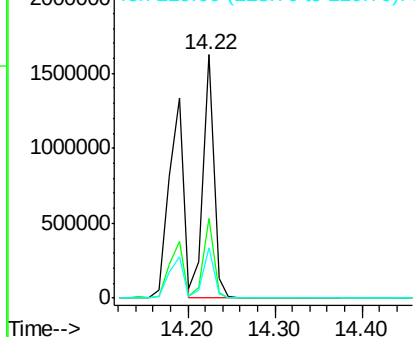


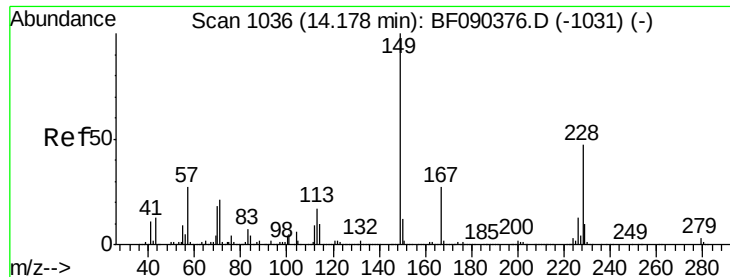
#82
 Chrysene
 Concen: 40.00 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:228 Resp: 1384338
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.8 38.6
 229 20.7 16.9 25.3



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

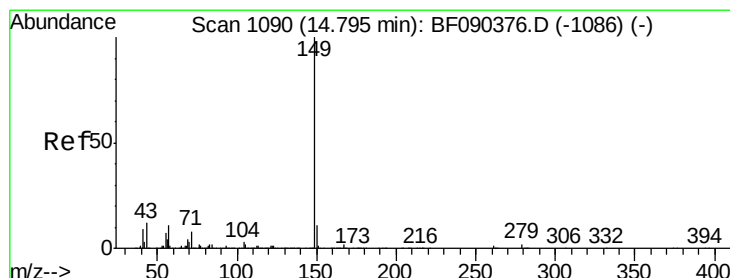
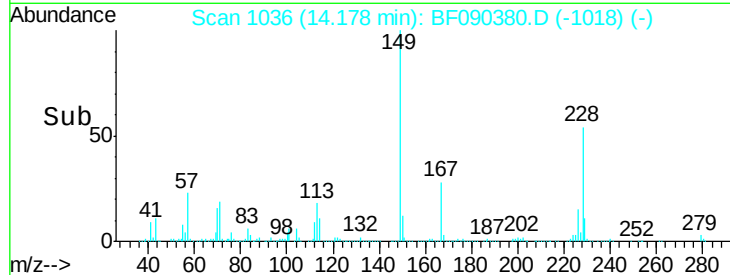
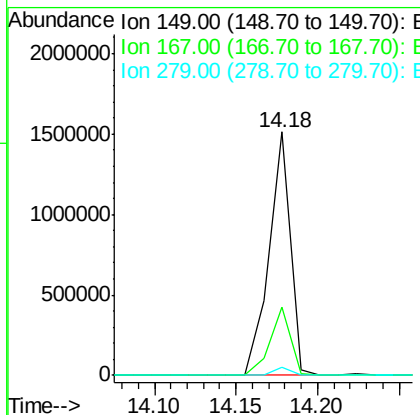
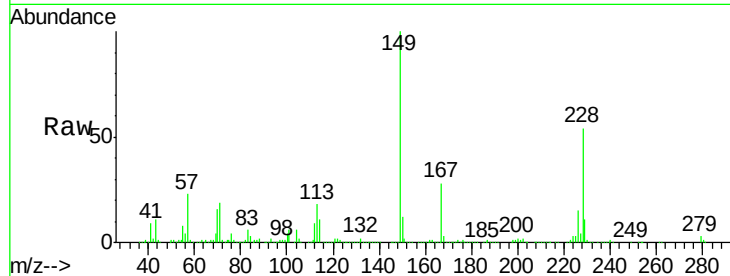




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.55 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

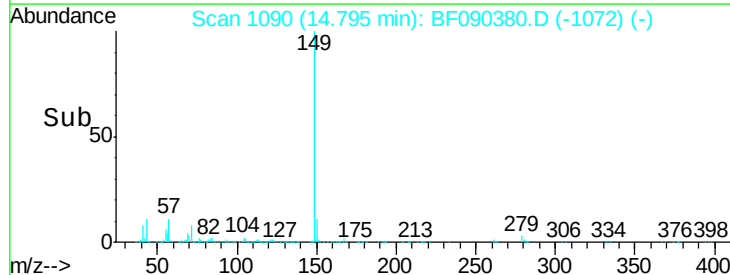
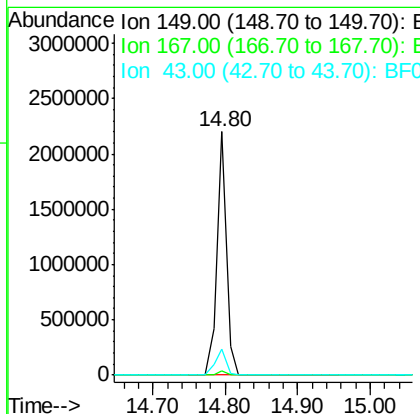
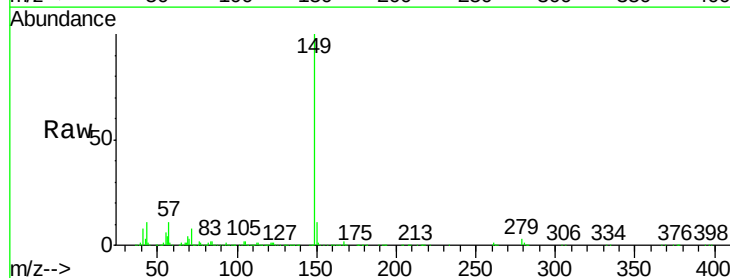
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

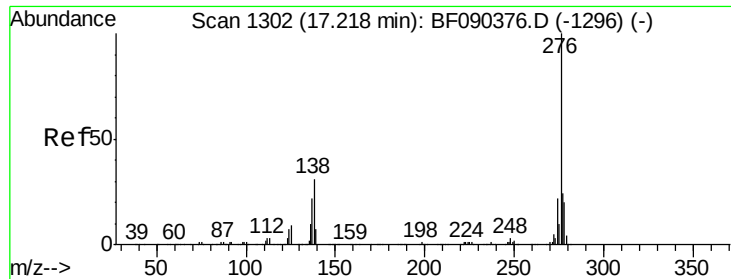
Tgt Ion:149 Resp: 1386945
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.5 32.3
 279 3.2 2.6 3.8



#84
 Di-n-octyl phthalate
 Concen: 41.21 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:149 Resp: 1991669
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.3 11.8 17.8

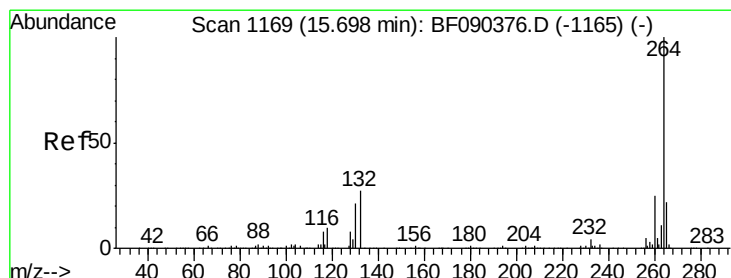
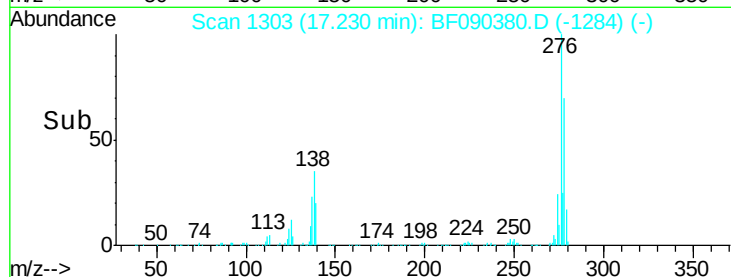
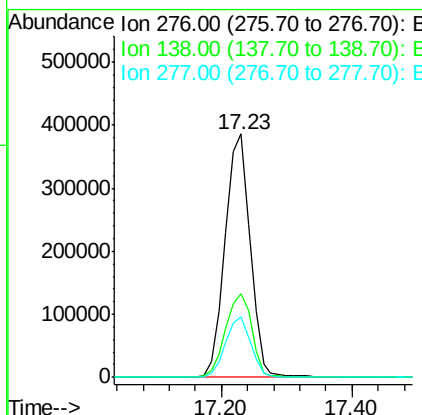
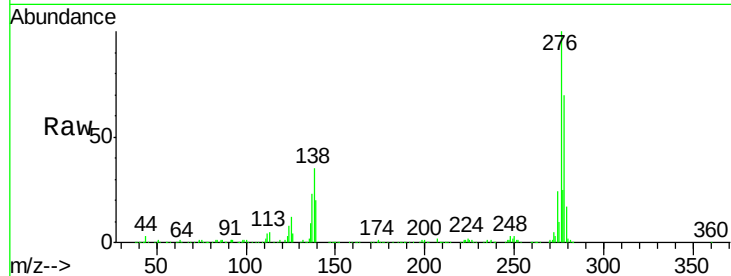




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.77 ng
 RT: 17.23 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

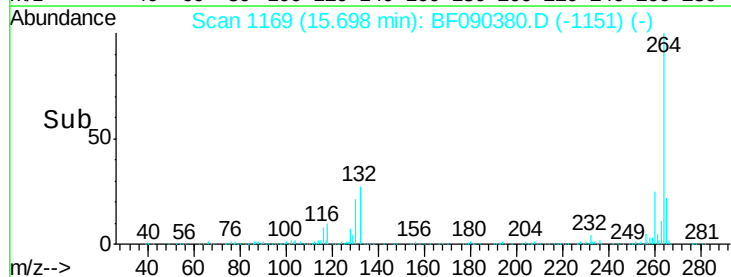
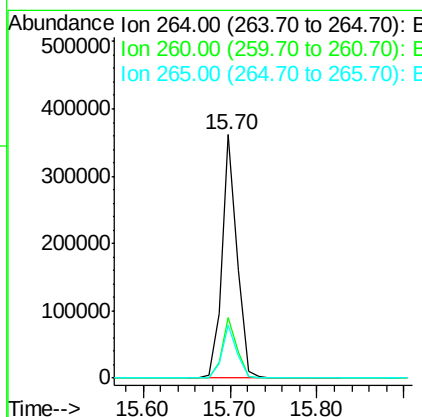
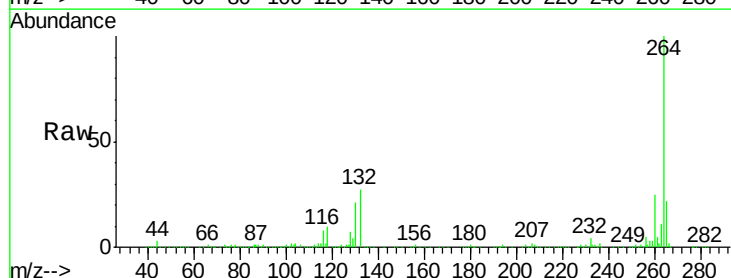
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100516

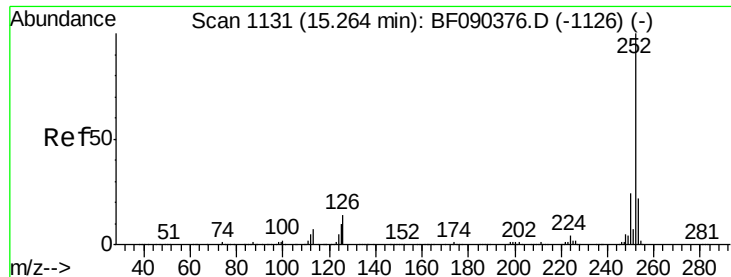
Tgt Ion:276 Resp: 1030794
 Ion Ratio Lower Upper
 276 100
 138 36.2 23.8 35.8#
 277 25.1 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF090380.D
 Acq: 5 Oct 2016 14:41

Tgt Ion:264 Resp: 438854
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 21.5 17.4 26.0

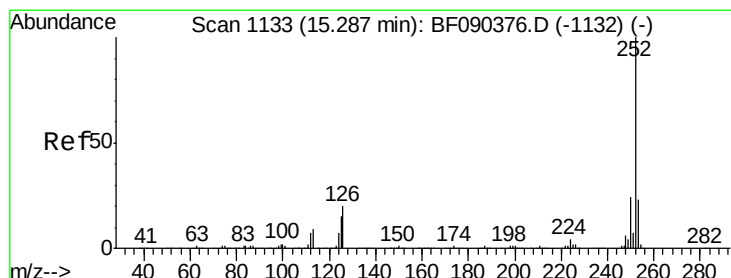
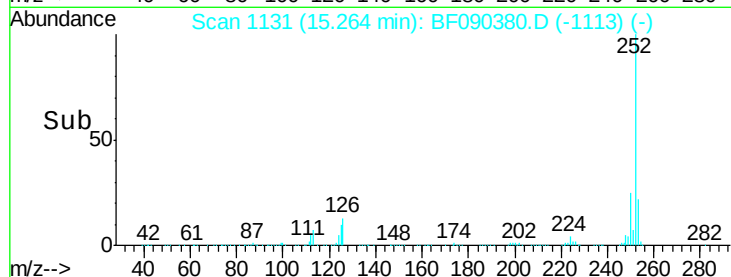
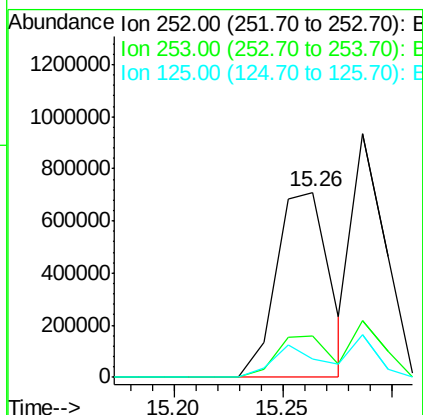
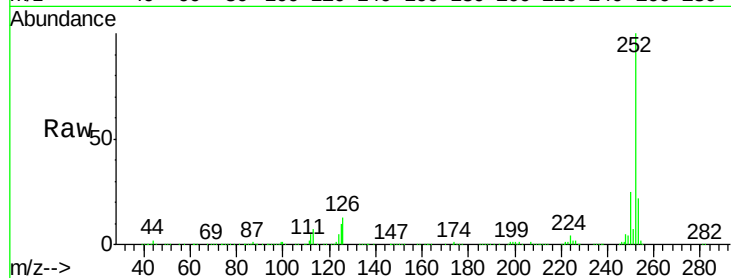




#87
Benzo(b)fluoranthene
Concen: 43.38 ng
RT: 15.26 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

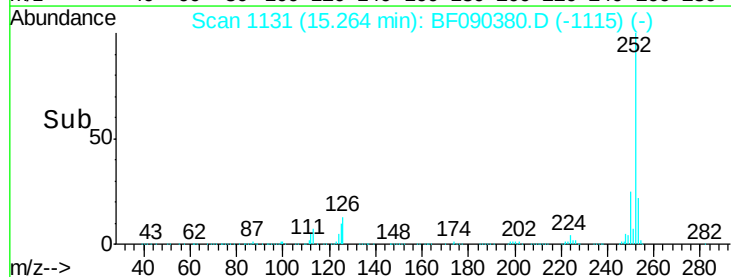
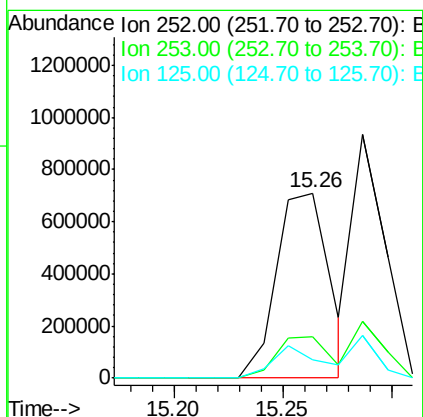
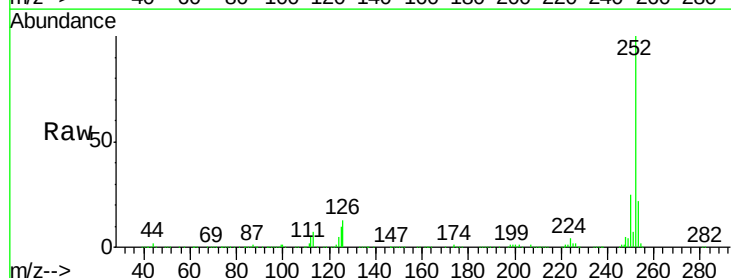
Instrument :
BNA_F
ClientSampleId :
ICVBF100516

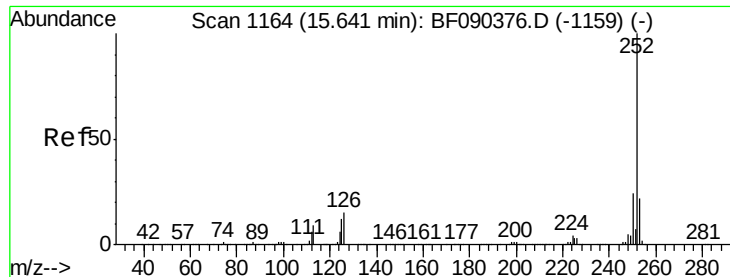
Tgt Ion:252 Resp: 1212756
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 9.9 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 46.19 ng
RT: 15.26 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF090380.D
Acq: 5 Oct 2016 14:41

Tgt Ion:252 Resp: 1212756
Ion Ratio Lower Upper
252 100
253 22.4 18.6 27.8
125 9.9 11.7 17.5#





#89

Benzo(a)pyrene

Concen: 41.27 ng

RT: 15.64 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516

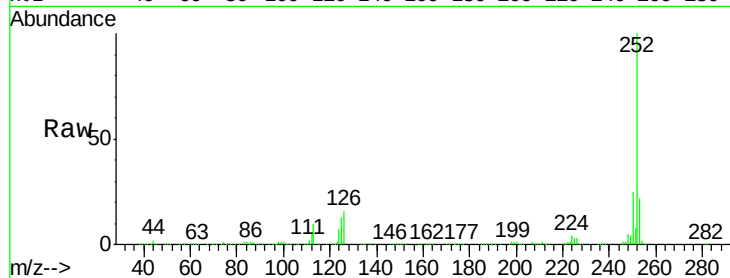
Tgt Ion:252 Resp: 994467

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

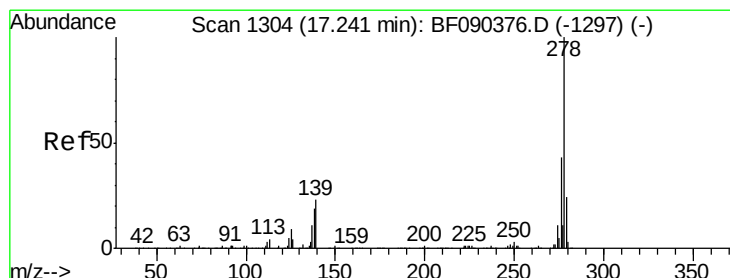
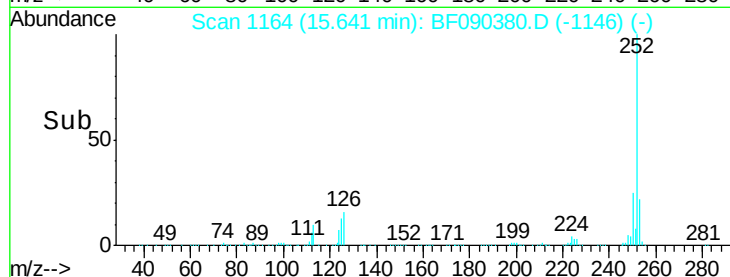
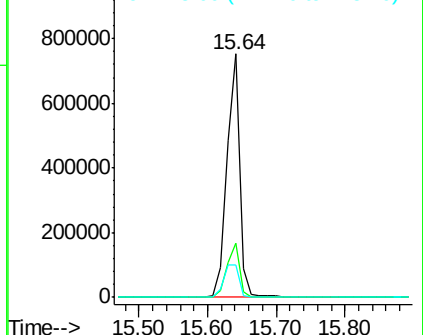
125 13.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.95 ng

RT: 17.24 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF090380.D

Acq: 5 Oct 2016 14:41

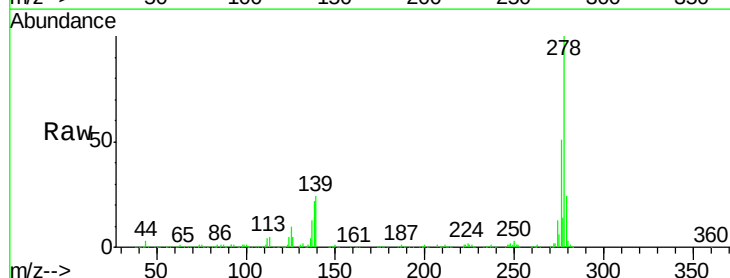
Tgt Ion:278 Resp: 859943

Ion Ratio Lower Upper

278 100

139 23.7 12.8 19.2#

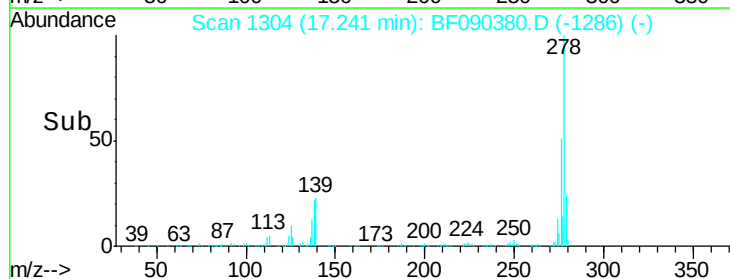
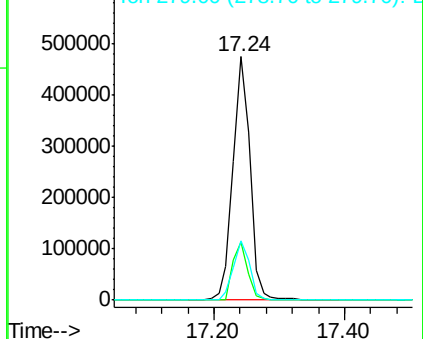
279 24.3 19.6 29.4

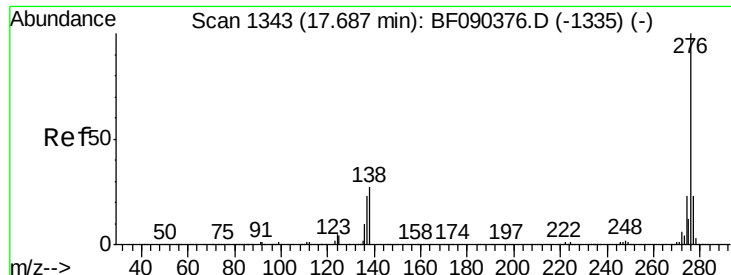


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.81 ng

RT: 17.69 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF090380.D

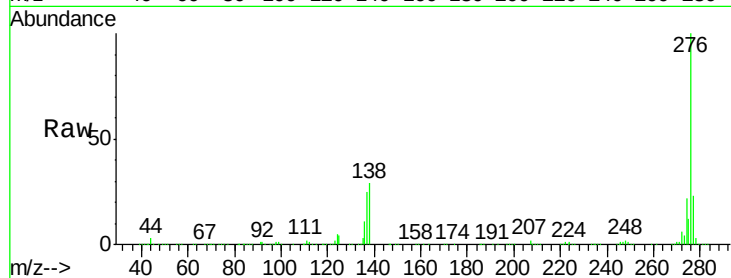
Acq: 5 Oct 2016 14:41

Instrument :

BNA_F

ClientSampleId :

ICVBF100516



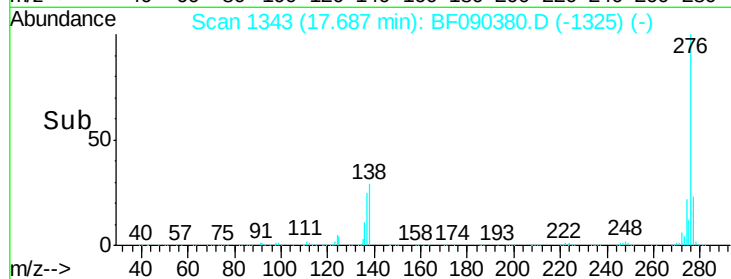
Tgt Ion: 276 Resp: 822417

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 28.6 20.8 31.2



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

