

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090400.D
 Acq On : 6 Oct 2016 00:40
 Operator : UM/SJ
 Sample : H5061-27MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

Quant Time: Oct 06 01:14:47 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	229111	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	980466	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	477232	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	779471	20.00	ng	0.00
75) Chrysene-d12	14.19	240	517362	20.00	ng	-0.01
86) Perylene-d12	15.70	264	412307	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1741049	113.41	ng	0.01
7) Phenol-d6	6.63	99	2458300	122.27	ng	0.01
23) Nitrobenzene-d5	7.57	82	1610112	79.88	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	561951	144.81	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2092339	73.05	ng	0.00
78) Terphenyl-d14	13.14	244	1964387	85.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	259542	34.30	ng	95
3) Pyridine	3.55	79	786359	37.27	ng	# 85
4) n-Nitrosodimethylamine	3.49	42	363530	41.75	ng	# 64
6) Aniline	6.66	93	797073	28.70	ng	96
8) 2-Chlorophenol	6.78	128	631393	37.38	ng	83
9) Benzaldehyde	6.54	77	309267	30.43	ng	88
10) Phenol	6.65	94	987962	42.26	ng	90
11) bis(2-Chloroethyl)ether	6.74	93	772652	43.17	ng	95
12) 1,3-Dichlorobenzene	7.02	146	710190	42.17	ng	98
13) 1,4-Dichlorobenzene	7.02	146	710190	41.52	ng	96
14) 1,2-Dichlorobenzene	7.17	146	618472	37.53	ng	95
15) Benzyl Alcohol	7.14	79	645944	42.26	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1224319	40.33	ng	92
17) 2-Methylphenol	7.25	107	578431	41.63	ng	98
18) Hexachloroethane	7.53	117	260158	38.58	ng	# 88
19) n-Nitroso-di-n-propylamine	7.41	70	588909	39.94	ng	# 84
20) 3+4-Methylphenols	7.40	107	746677	41.52	ng	93
22) Acetophenone	7.41	105	943438	40.63	ng	# 94
24) Nitrobenzene	7.58	77	779231	38.94	ng	97
25) Isophorone	7.82	82	1461834	39.67	ng	96
26) 2-Nitrophenol	7.90	139	353100	41.00	ng	# 79
27) 2,4-Dimethylphenol	7.94	122	629561	37.59	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	942391	43.24	ng	97
29) 2,4-Dichlorophenol	8.14	162	485754	38.14	ng	88
30) 1,2,4-Trichlorobenzene	8.23	180	549001	41.83	ng	99
31) Naphthalene	8.31	128	1915116	40.49	ng	99
32) Benzoic acid	7.99	122	49454	4.25	ng	92
33) 4-Chloroaniline	8.36	127	418919	21.43	ng	# 90
34) Hexachlorobutadiene	8.44	225	267388	36.46	ng	97
35) Caprolactam	8.67	113	14994	3.50	ng	94
36) 4-Chloro-3-methylphenol	8.84	107	646049	40.52	ng	98
37) 2-Methylnaphthalene	9.01	142	1274288	44.51	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	480619	38.20	ng	# 97
40) Hexachlorocyclopentadiene	9.16	237	558927	81.04	ng	99

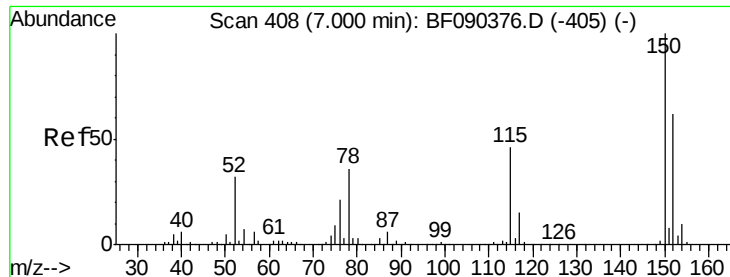
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	416638	47.99	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	304341	37.07	ng #	93
45) 1,1'-Biphenyl	9.47	154	1318651	37.29	ng	93
46) 2-Chloronaphthalene	9.50	162	1150768	44.04	ng	93
47) 2-Nitroaniline	9.58	65	434045	42.10	ng #	83
48) Acenaphthylene	9.91	152	1664356	38.61	ng	99
49) Dimethylphthalate	9.78	163	2244023	73.42	ng	100
50) 2,6-Dinitrotoluene	9.83	165	312904	46.11	ng #	85
51) Acenaphthene	10.09	154	1088007	40.47	ng	97
52) 3-Nitroaniline	9.99	138	242766	30.63	ng	84
53) 2,4-Dinitrophenol	10.11	184	177582	58.70	ng #	81
54) Dibenzofuran	10.26	168	1447657	41.61	ng #	91
55) 4-Nitrophenol	10.15	139	508268	73.28	ng	94
56) 2,4-Dinitrotoluene	10.23	165	386976	42.85	ng #	31
57) Fluorene	10.60	166	1202561	41.13	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	274596	44.79	ng #	81
59) Diethylphthalate	10.47	149	1302806	41.20	ng #	93
60) 4-Chlorophenyl-phenylether	10.60	204	585257	44.02	ng #	85
61) 4-Nitroaniline	10.61	138	347374	43.49	ng	94
62) Azobenzene	10.76	77	1794467	49.13	ng	88
64) 4,6-Dinitro-2-methylphenol	10.65	198	191883	37.77	ng #	65
65) n-Nitrosodiphenylamine	10.71	169	1108209	42.43	ng	97
66) 4-Bromophenyl-phenylether	11.09	248	338428	44.29	ng #	85
67) Hexachlorobenzene	11.16	284	356113	41.85	ng #	85
68) Atrazine	11.24	200	307153	47.69	ng	97
69) Pentachlorophenol	11.34	266	411974	81.34	ng	100
70) Phenanthrene	11.57	178	1853072	46.43	ng	98
71) Anthracene	11.62	178	1631568	40.03	ng	98
72) Carbazole	11.78	167	1702954	44.97	ng	96
73) Di-n-butylphthalate	12.11	149	2128175	46.18	ng #	98
74) Fluoranthene	12.76	202	1622907	41.45	ng	99
76) Benzidine	12.87	184	712225	52.36	ng	99
77) Pyrene	12.99	202	1528522	44.31	ng	99
79) Butylbenzylphthalate	13.61	149	760037	42.94	ng #	71
80) Benzo(a)anthracene	14.18	228	1334725	45.98	ng	98
81) 3,3'-Dichlorobenzidine	14.14	252	324319	30.82	ng #	97
82) Chrysene	14.22	228	1294337	48.45	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1126618	44.78	ng #	98
84) Di-n-octyl phthalate	14.80	149	1642213	44.03	ng #	94
85) Indeno(1,2,3-cd)pyrene	17.22	276	1051788	55.22	ng #	93
87) Benzo(b)fluoranthene	15.25	252	1259221	47.95	ng #	94
88) Benzo(k)fluoranthene	15.25	252	1259221	51.04	ng	98
89) Benzo(a)pyrene	15.63	252	982776	43.42	ng #	93
90) Dibenzo(a,h)anthracene	17.24	278	905339	47.01	ng #	95
91) Benzo(g,h,i)perylene	17.68	276	863908	46.75	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

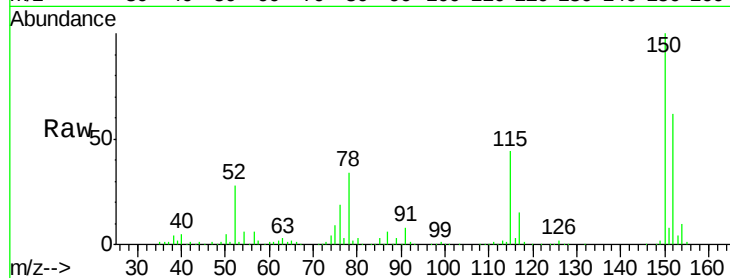
Tgt Ion:152 Resp: 229111

Ion Ratio Lower Upper

152 100

150 161.4 124.6 186.8

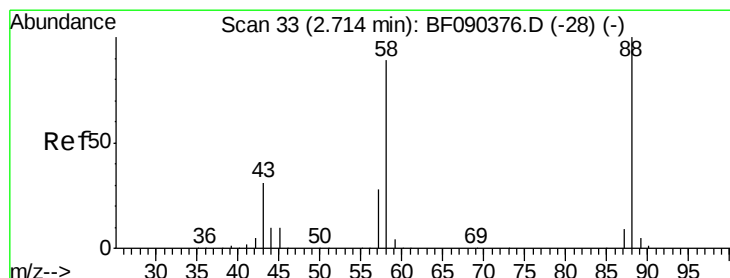
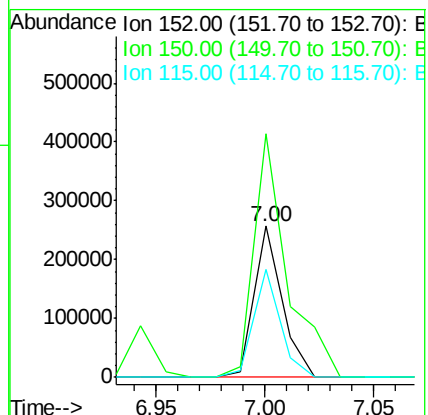
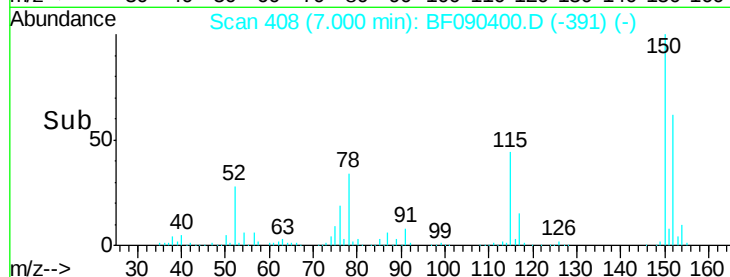
115 71.7 46.2 69.4#



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: 34.30 ng

RT: 2.77 min Scan# 38

Delta R.T. 0.06 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

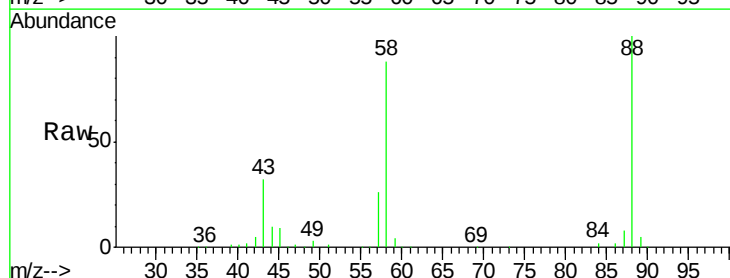
Tgt Ion: 88 Resp: 259542

Ion Ratio Lower Upper

88 100

58 85.9 71.2 106.8

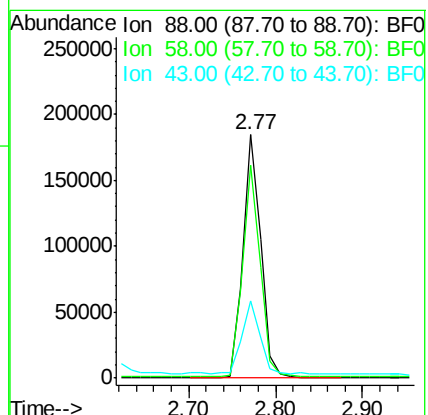
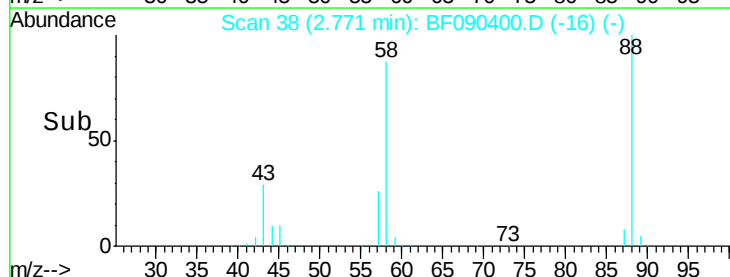
43 30.9 29.8 44.6

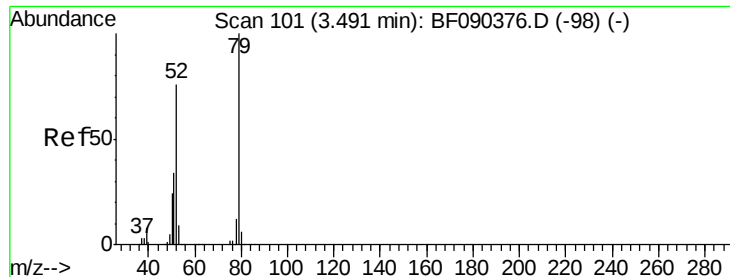


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.27 ng

RT: 3.55 min Scan# 106

Delta R.T. 0.06 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

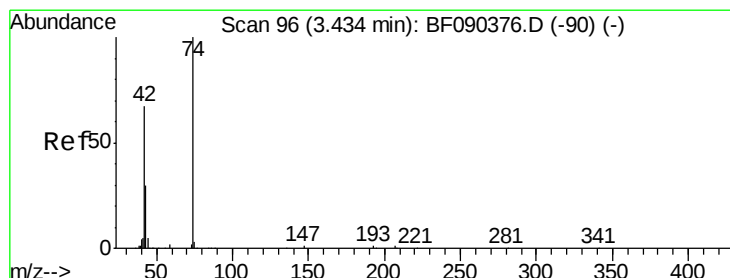
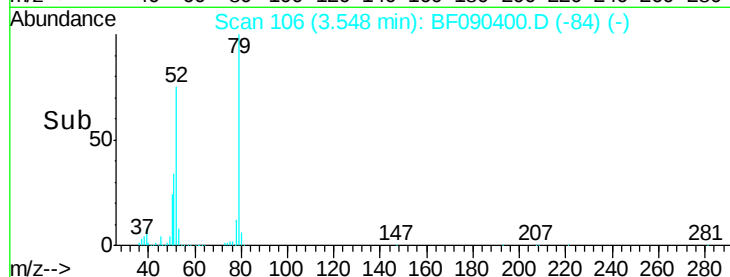
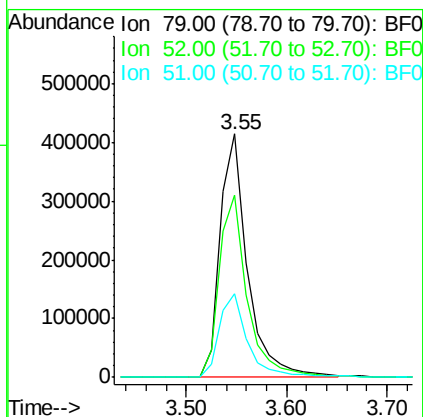
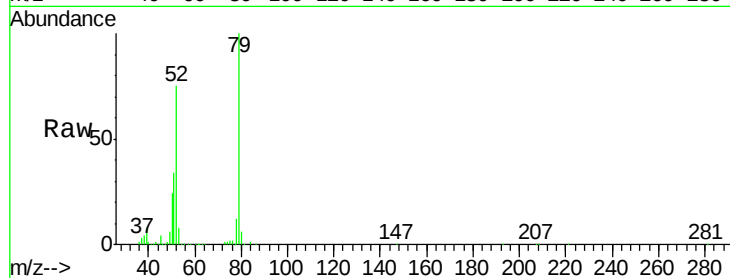
Tgt Ion: 79 Resp: 786359

Ion Ratio Lower Upper

79 100

52 74.7 71.3 106.9

51 34.4 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 41.75 ng

RT: 3.49 min Scan# 101

Delta R.T. 0.06 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

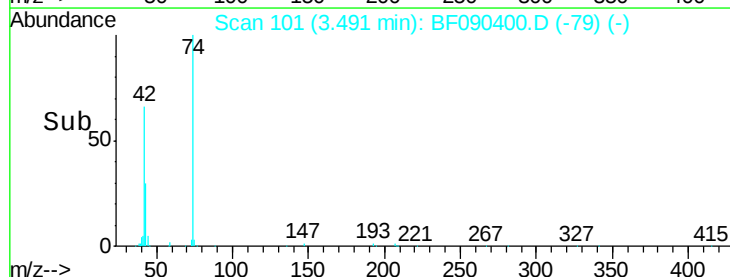
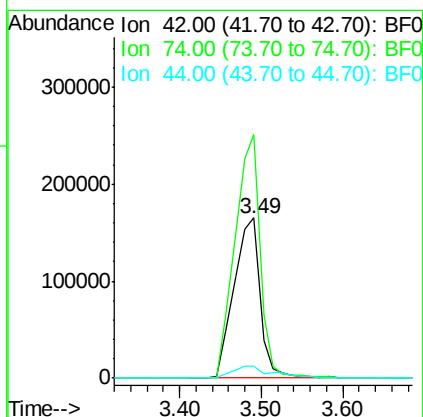
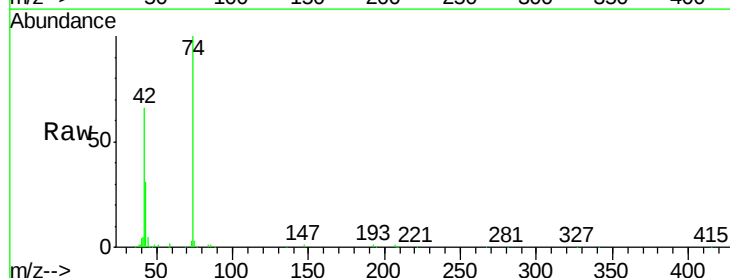
Tgt Ion: 42 Resp: 363530

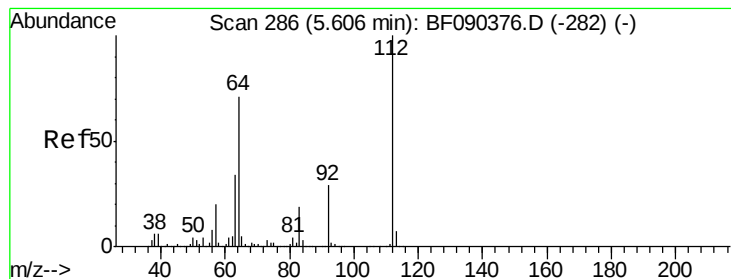
Ion Ratio Lower Upper

42 100

74 152.1 88.9 133.3#

44 7.8 6.5 9.7





#5

2-Fluorophenol

Concen: 113.41 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

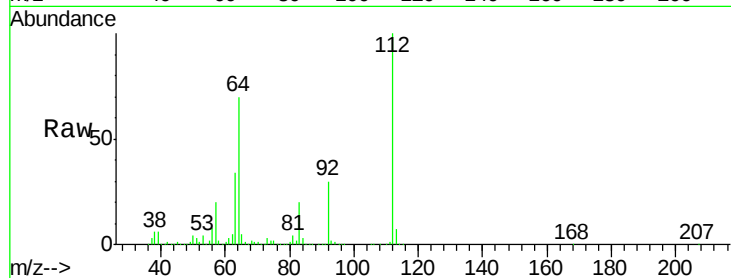
Tgt Ion:112 Resp: 1741049

Ion Ratio Lower Upper

112 100

64 70.5 57.9 86.9

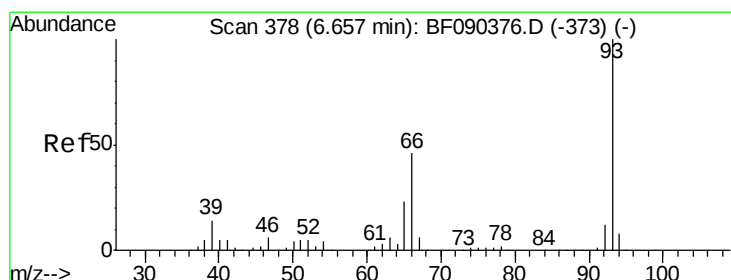
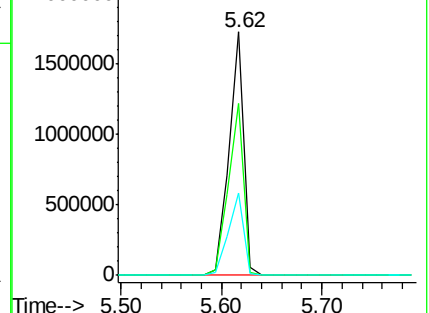
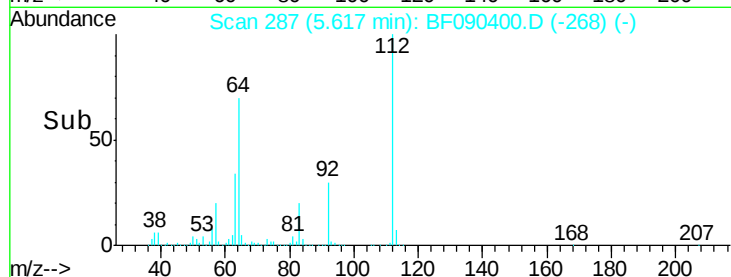
63 34.0 29.6 44.4



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: 28.70 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

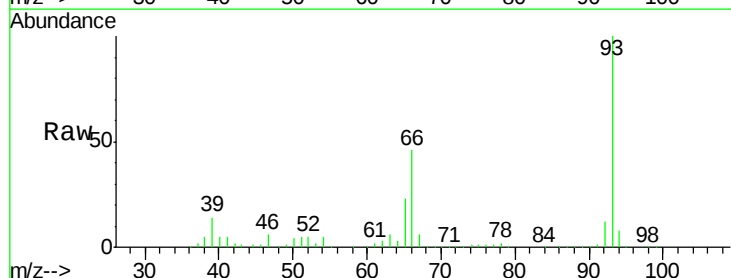
Tgt Ion: 93 Resp: 797073

Ion Ratio Lower Upper

93 100

66 46.2 34.5 51.7

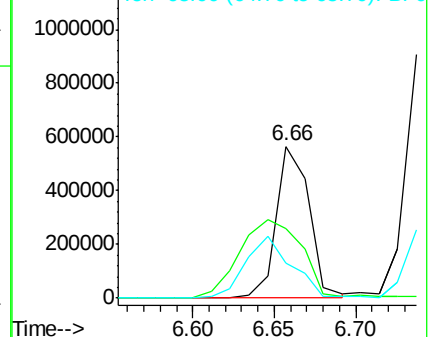
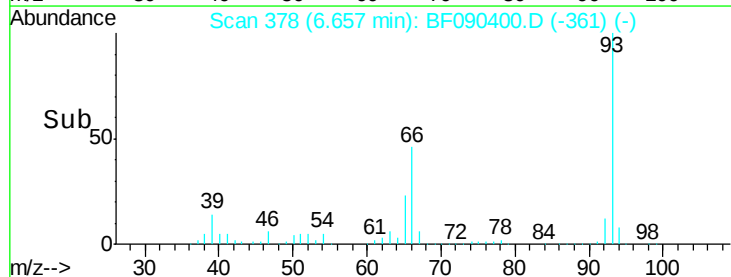
65 23.4 18.2 27.2

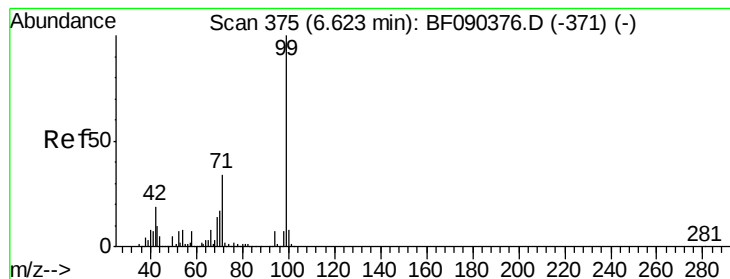


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.27 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

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ClientSampleId :

SUP-B003-5-10MS

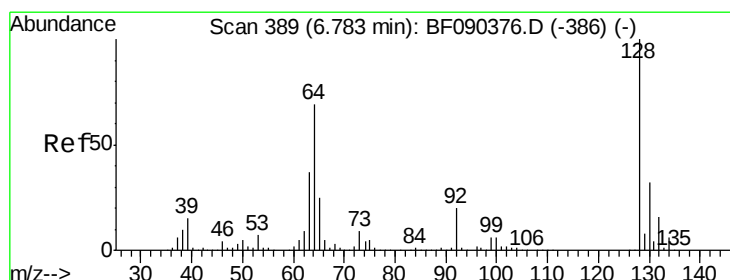
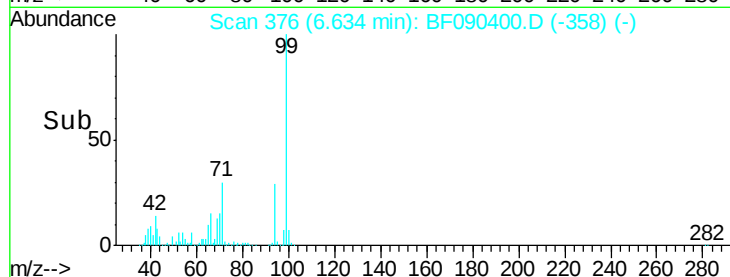
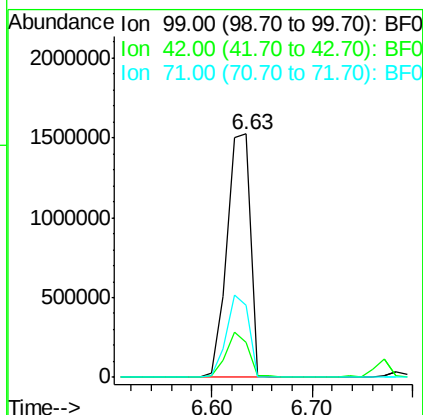
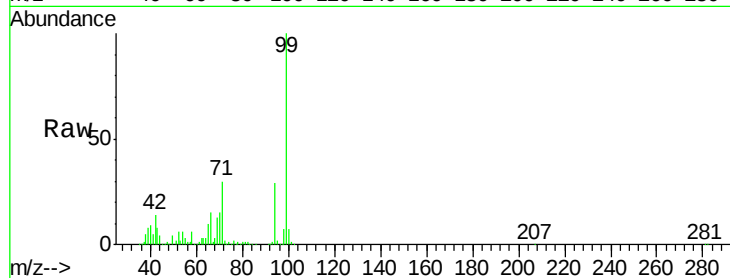
Tgt Ion: 99 Resp: 2458300

Ion Ratio Lower Upper

99 100

42 14.3 20.0 30.0#

71 29.9 27.9 41.9



#8

2-Chlorophenol

Concen: 37.38 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

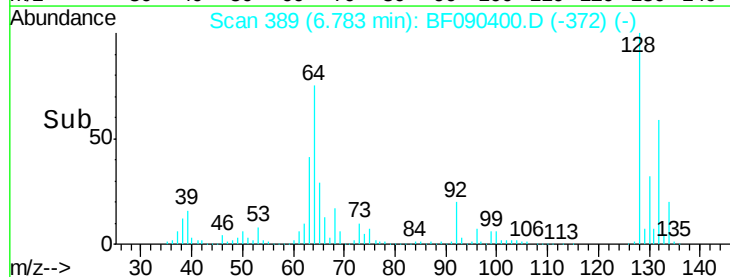
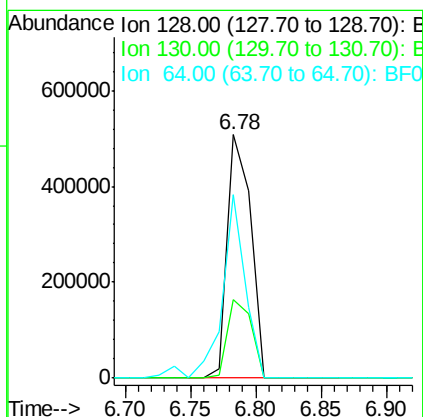
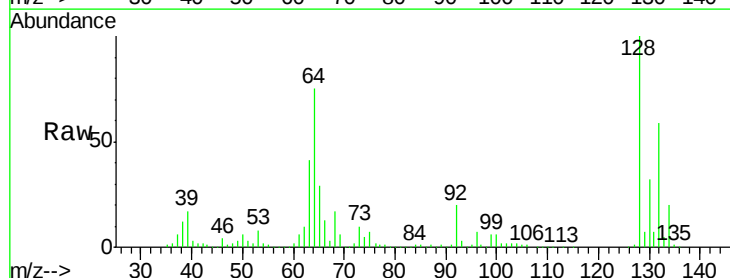
Tgt Ion: 128 Resp: 631393

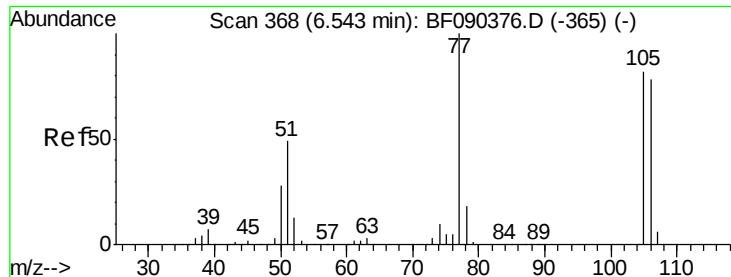
Ion Ratio Lower Upper

128 100

130 32.0 13.3 53.3

64 75.1 36.0 76.0





#9

Benzaldehyde

Concen: 30.43 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

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SUP-B003-5-10MS

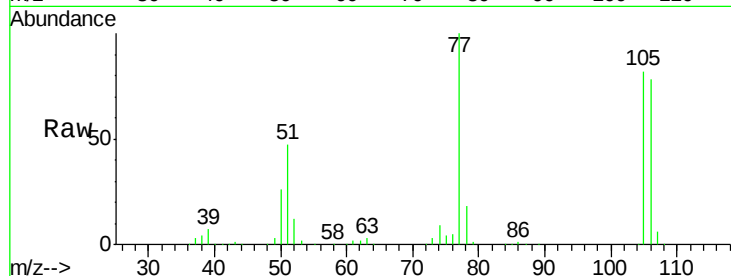
Tgt Ion: 77 Resp: 309267

Ion Ratio Lower Upper

77 100

105 81.8 73.1 113.1

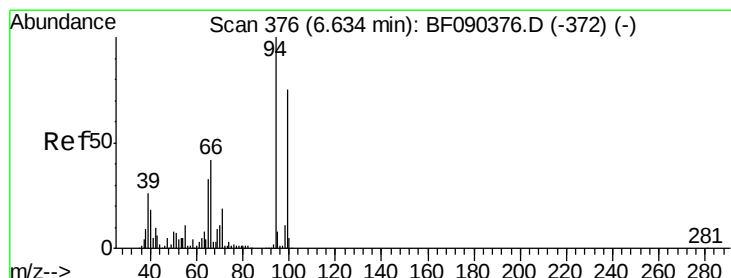
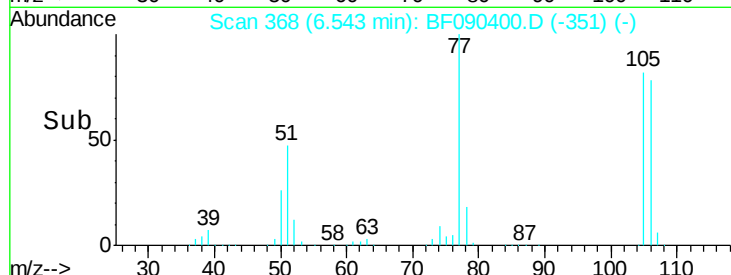
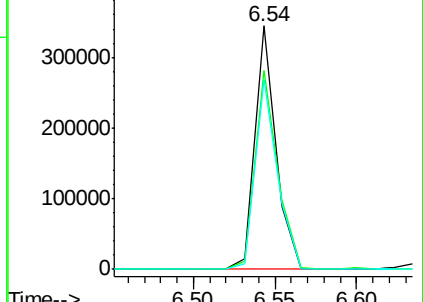
106 78.0 70.2 110.2



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: 42.26 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

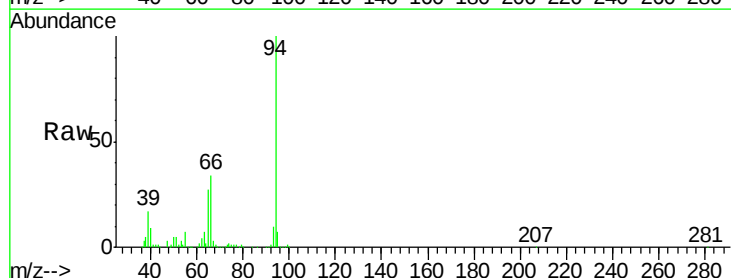
Tgt Ion: 94 Resp: 987962

Ion Ratio Lower Upper

94 100

65 27.1 13.3 53.3

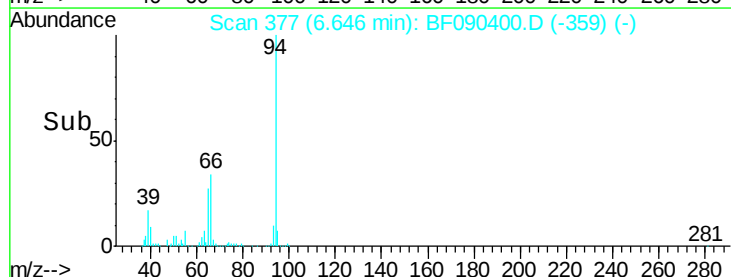
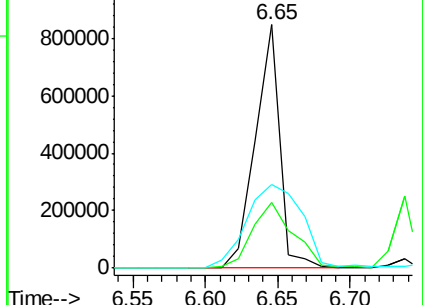
66 34.4 20.4 60.4

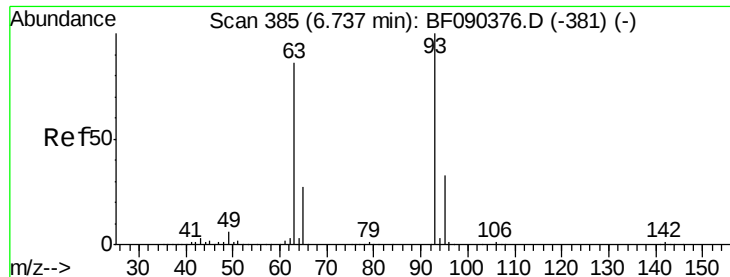


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

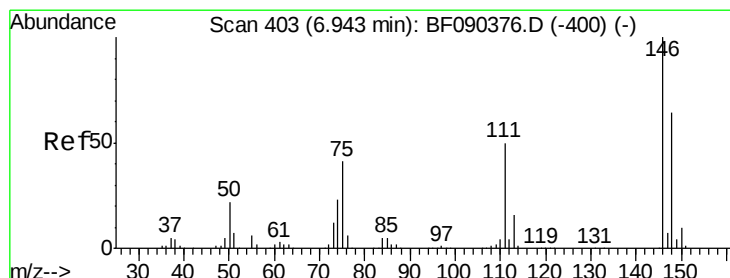
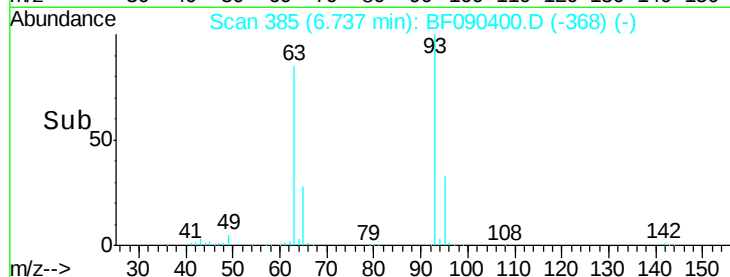
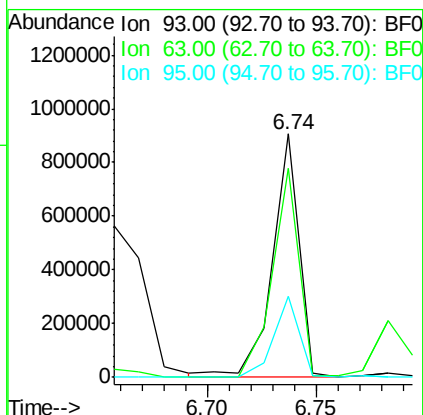
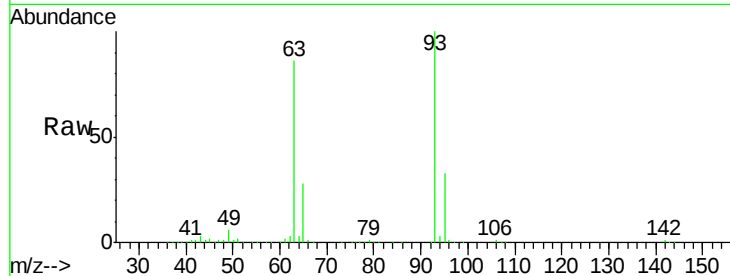




#11
bis(2-Chloroethyl)ether
Concen: 43.17 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

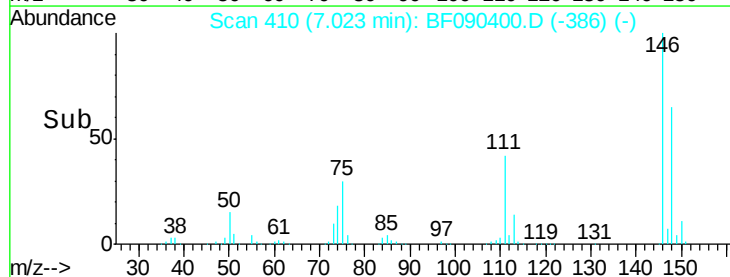
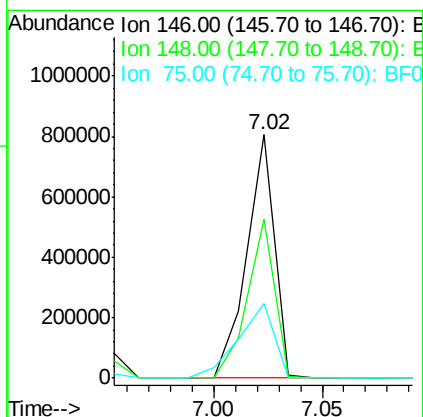
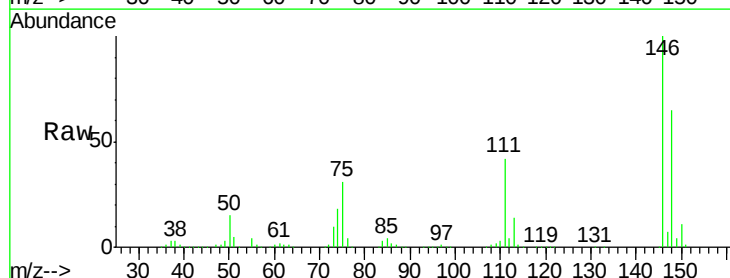
Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

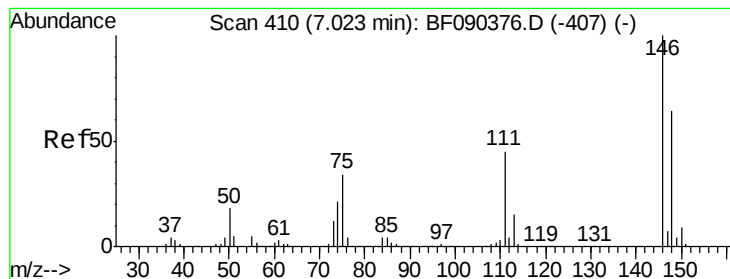
Tgt Ion: 93 Resp: 772652
Ion Ratio Lower Upper
93 100
63 85.9 59.7 99.7
95 33.4 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 42.17 ng
RT: 7.02 min Scan# 410
Delta R.T. 0.08 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion: 146 Resp: 710190
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.4
75 30.7 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 41.52 ng

RT: 7.02 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

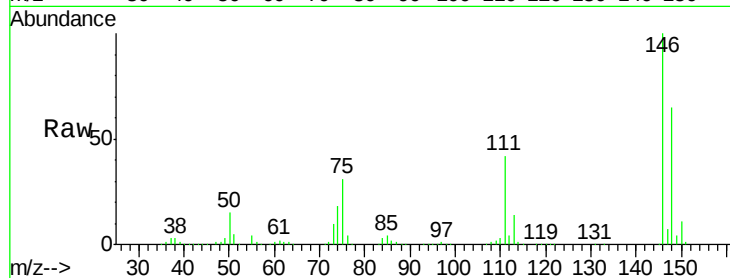
Tgt Ion:146 Resp: 710190

Ion Ratio Lower Upper

146 100

148 65.3 51.1 76.7

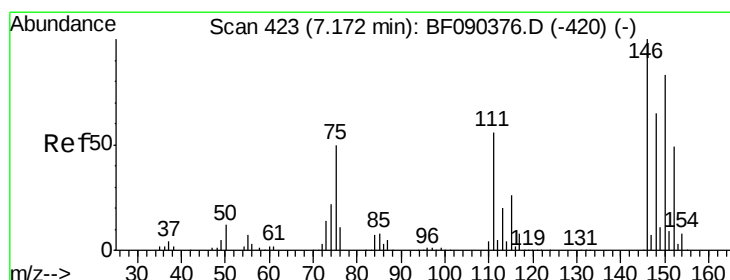
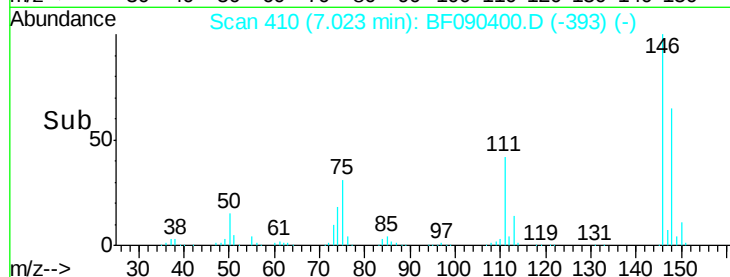
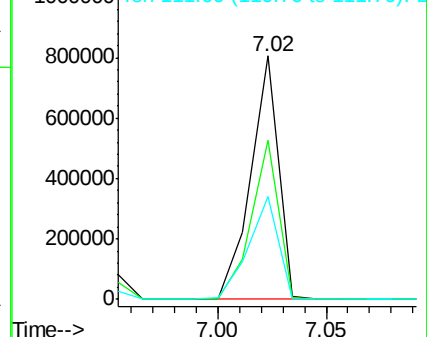
111 42.3 37.8 56.6



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: 37.53 ng

RT: 7.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

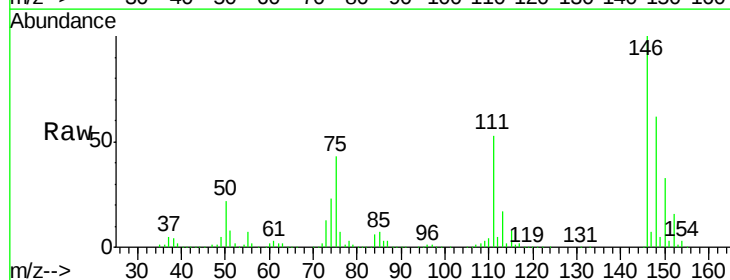
Tgt Ion:146 Resp: 618472

Ion Ratio Lower Upper

146 100

148 62.3 52.3 78.5

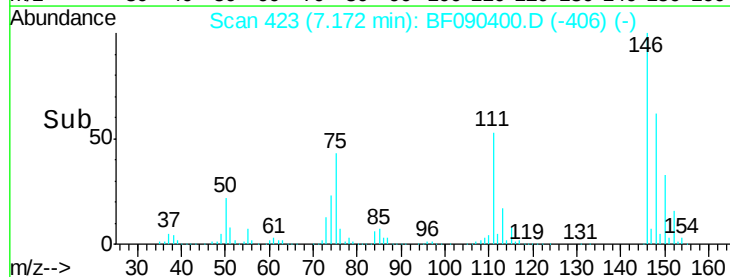
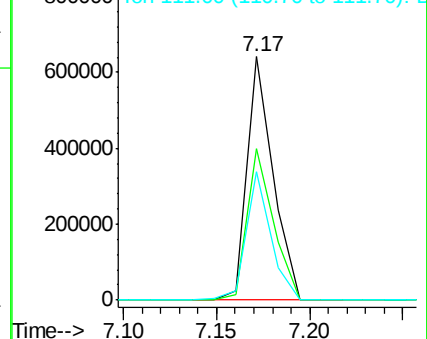
111 52.6 38.2 57.4

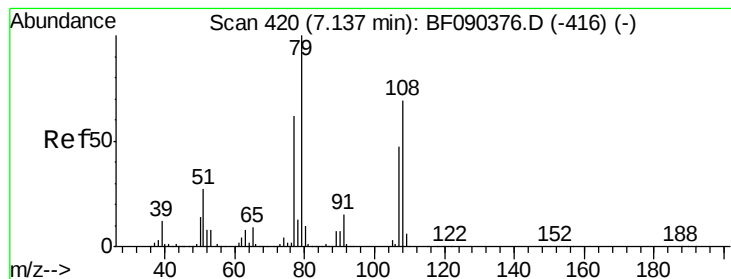


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.26 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

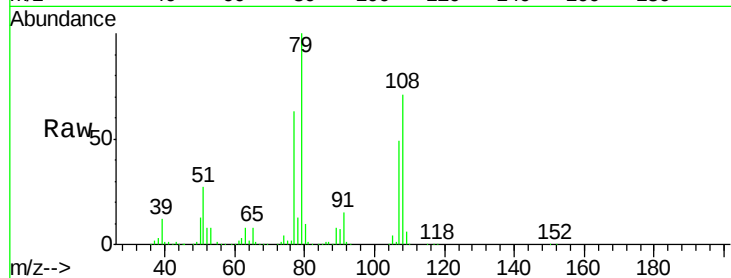
Tgt Ion: 79 Resp: 645944

Ion Ratio Lower Upper

79 100

108 71.2 60.9 91.3

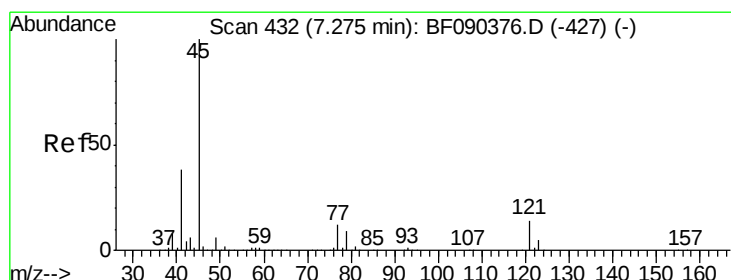
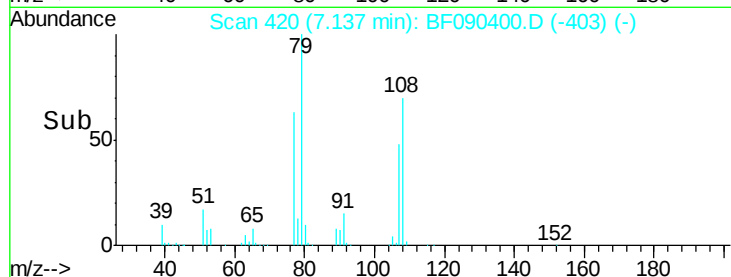
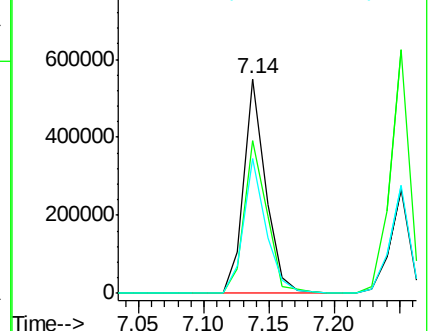
77 63.1 51.5 77.3



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: 40.33 ng

RT: 7.29 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

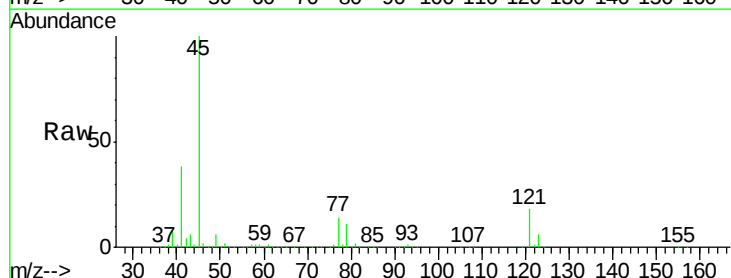
Tgt Ion: 45 Resp: 1224319

Ion Ratio Lower Upper

45 100

77 13.9 0.0 30.8

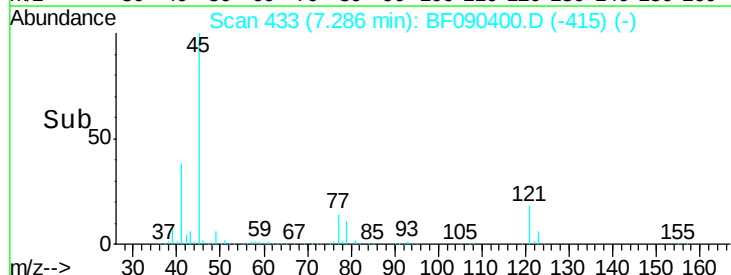
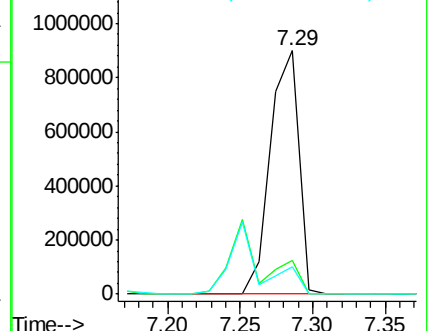
79 11.1 0.0 28.2

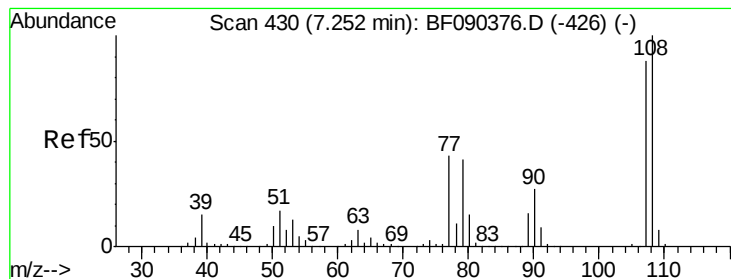


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.63 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

Tgt Ion:107 Resp: 578431

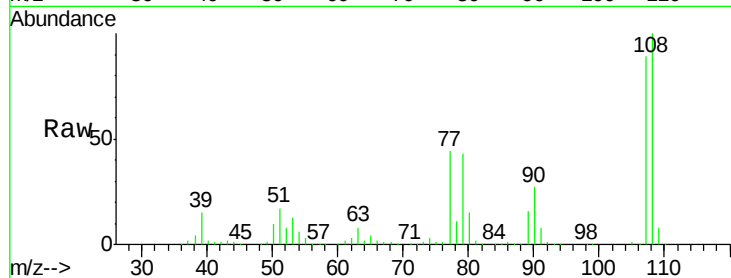
Ion Ratio Lower Upper

107 100

108 112.0 90.9 136.3

77 49.6 38.2 57.4

79 47.7 37.0 55.4

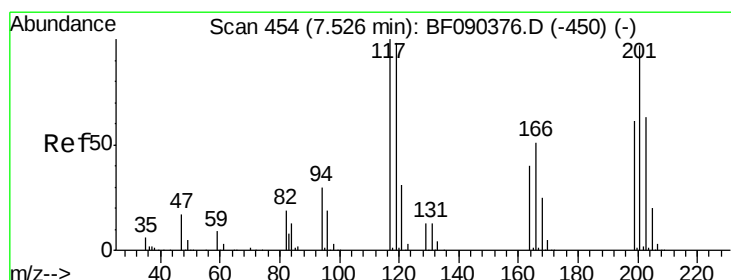
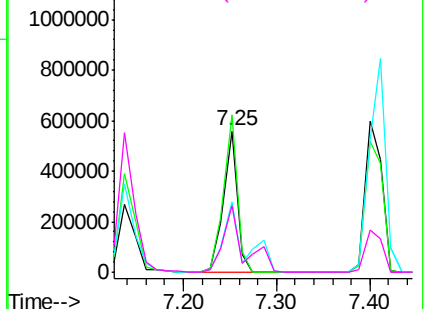
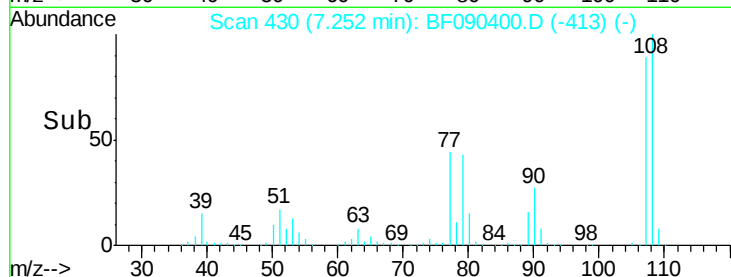


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 38.58 ng

RT: 7.53 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

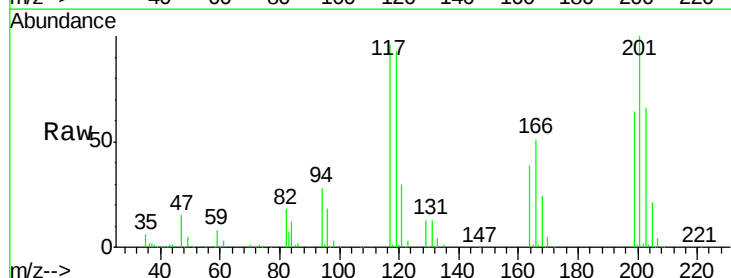
Tgt Ion:117 Resp: 260158

Ion Ratio Lower Upper

117 100

119 97.4 75.9 113.9

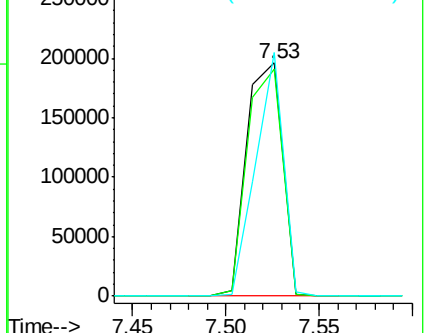
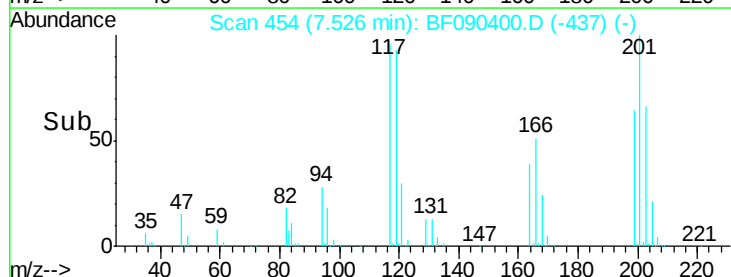
201 104.5 66.5 99.7#

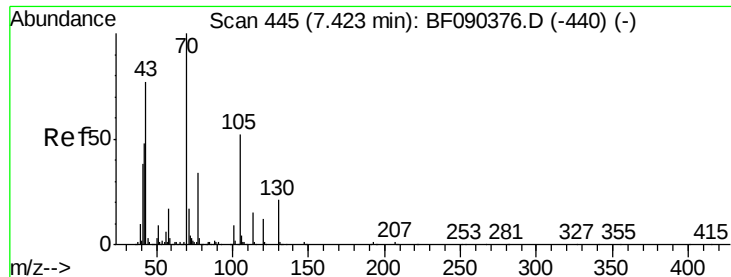


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

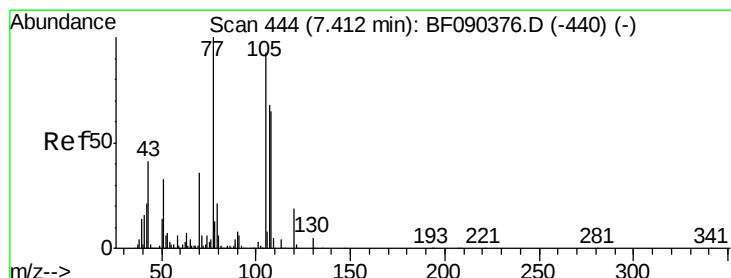
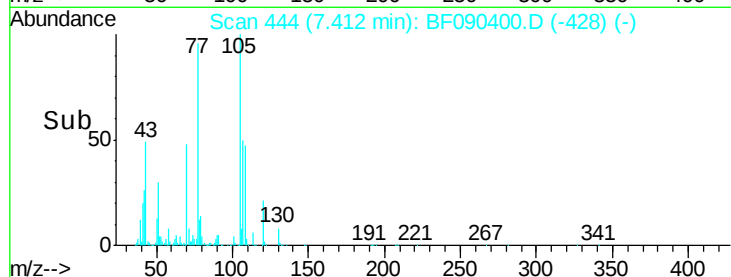
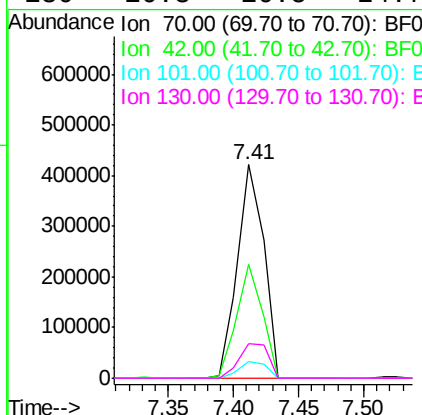
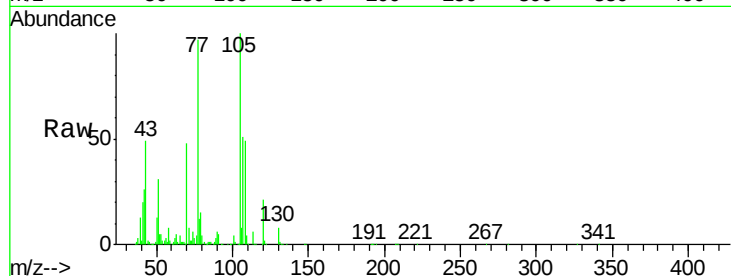




#19
n-Nitroso-di-n-propylamine
Concen: 39.94 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

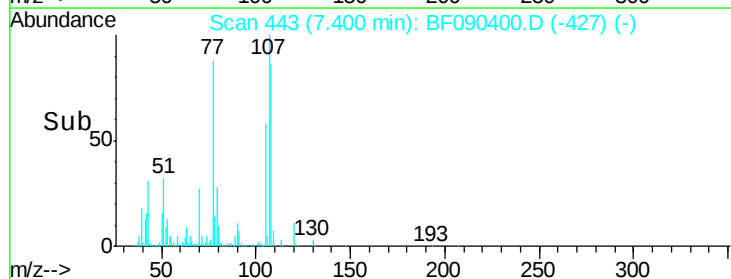
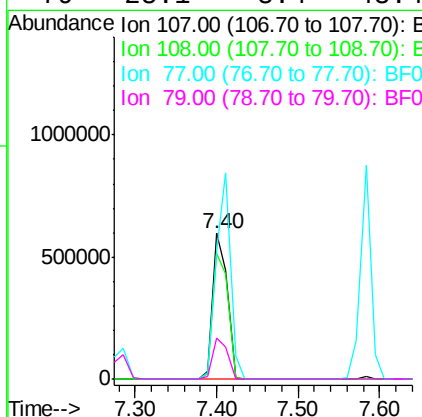
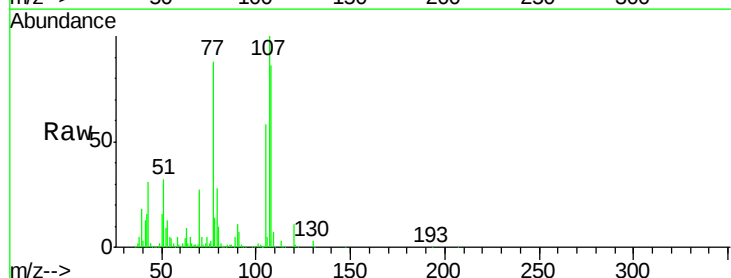
Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

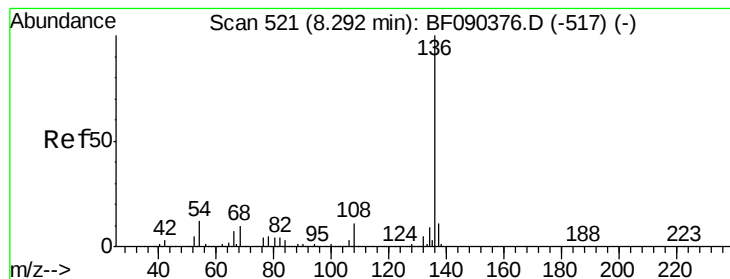
Tgt Ion: 70 Resp: 588909
Ion Ratio Lower Upper
70 100
42 53.1 55.4 83.2#
101 8.1 7.6 11.4
130 16.3 16.5 24.7#



#20
3+4-Methylphenols
Concen: 41.52 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion: 107 Resp: 746677
Ion Ratio Lower Upper
107 100
108 86.2 66.7 106.7
77 87.9 53.7 93.7
79 28.1 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

Tgt Ion:136 Resp: 980466

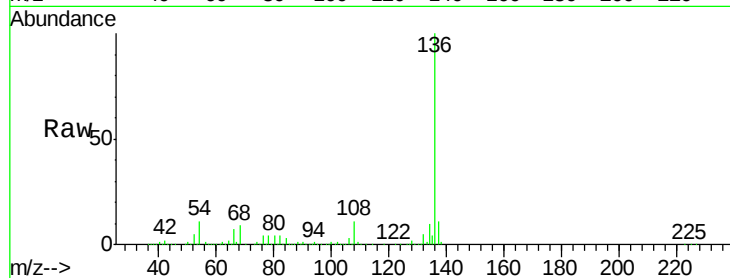
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 10.8 6.6 10.0#

68 9.1 5.0 7.6#

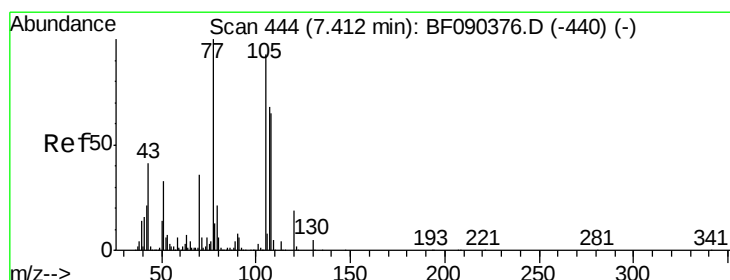
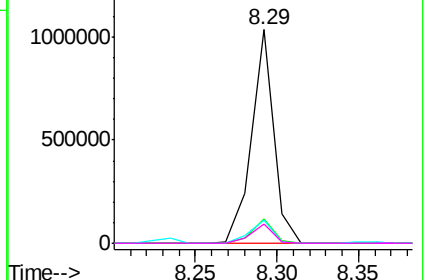
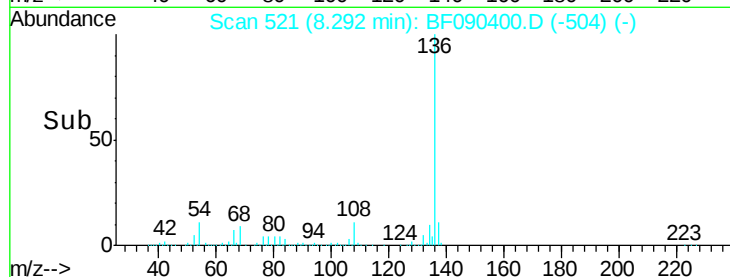


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.63 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Tgt Ion:105 Resp: 943438

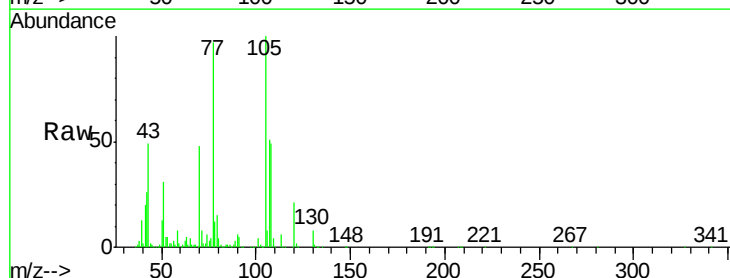
Ion Ratio Lower Upper

105 100

71 8.1 3.8 5.6#

51 30.6 28.2 42.4

120 21.2 17.4 26.2

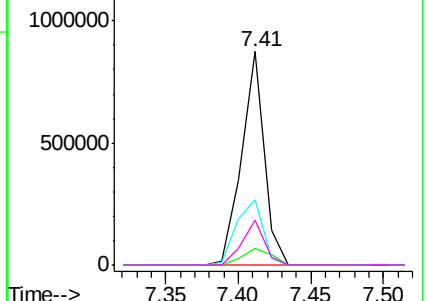
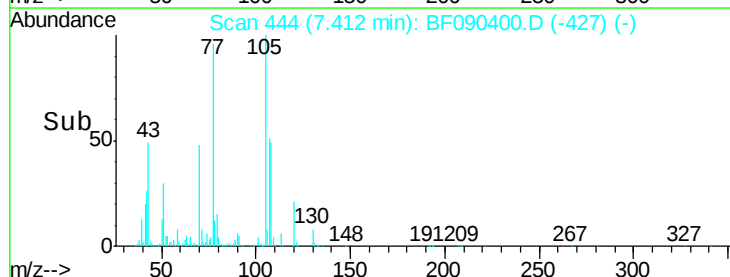


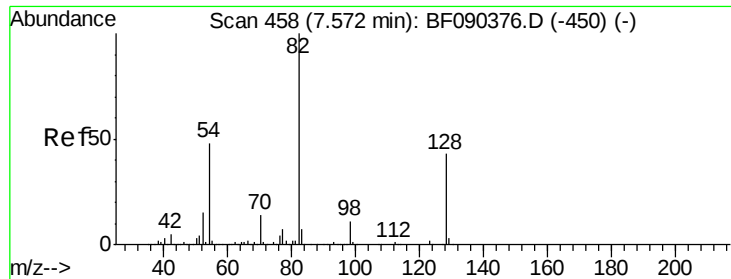
Abundance Ion 105.00 (104.70 to 105.70): E

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

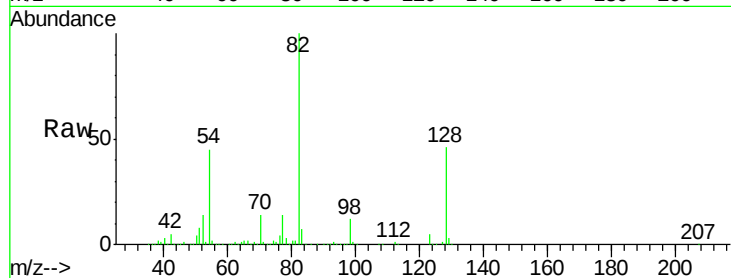




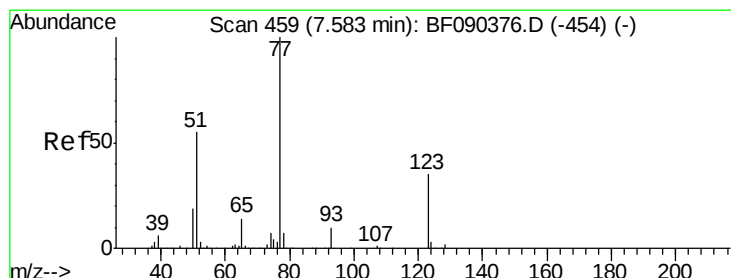
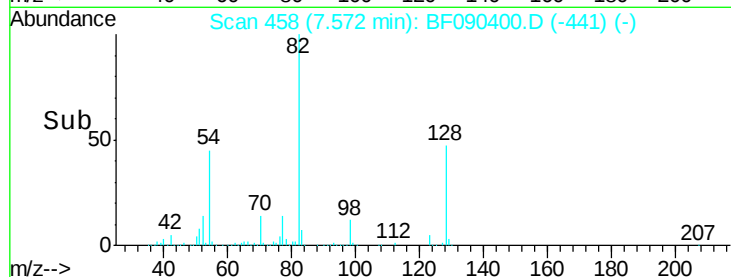
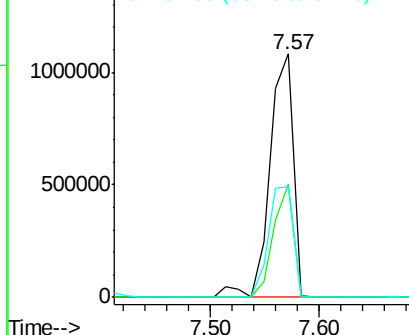
#23
 Nitrobenzene-d5
 Concen: 79.88 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

Tgt Ion: 82 Resp: 1610112
 Ion Ratio Lower Upper
 82 100
 128 46.5 40.0 60.0
 54 45.3 42.6 64.0

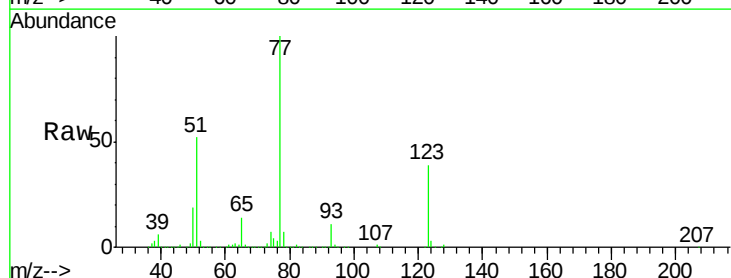


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

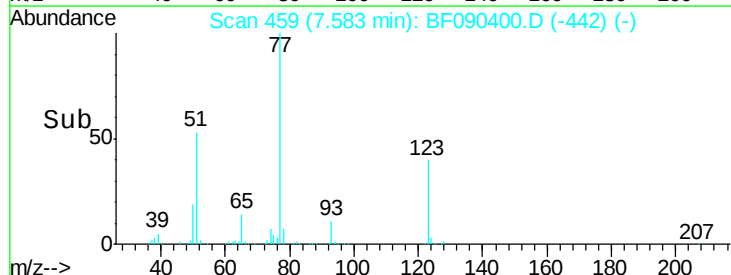
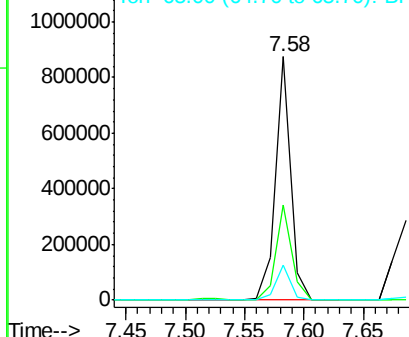


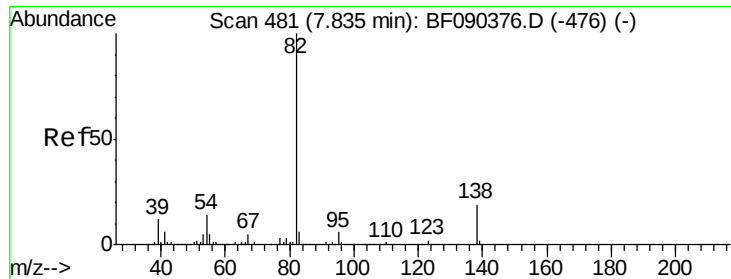
#24
 Nitrobenzene
 Concen: 38.94 ng
 RT: 7.58 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Tgt Ion: 77 Resp: 779231
 Ion Ratio Lower Upper
 77 100
 123 38.9 33.0 49.4
 65 14.1 12.0 18.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.67 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

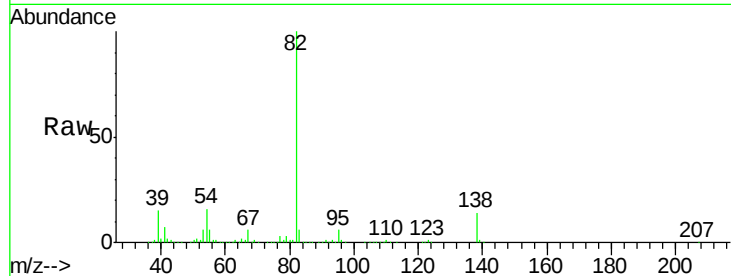
Tgt Ion: 82 Resp: 1461834

Ion Ratio Lower Upper

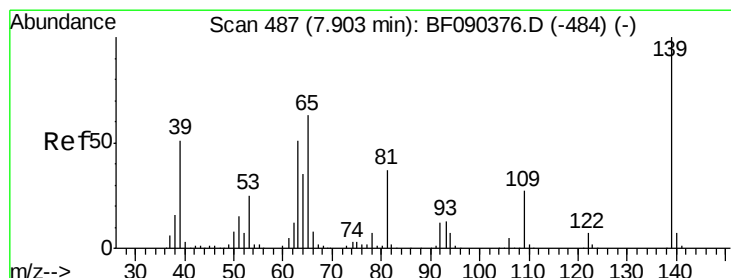
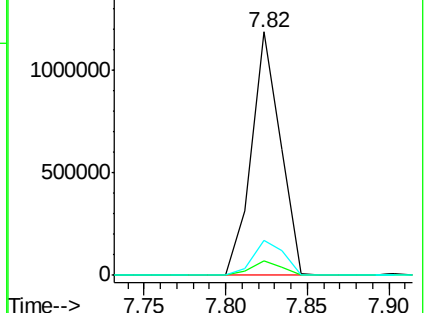
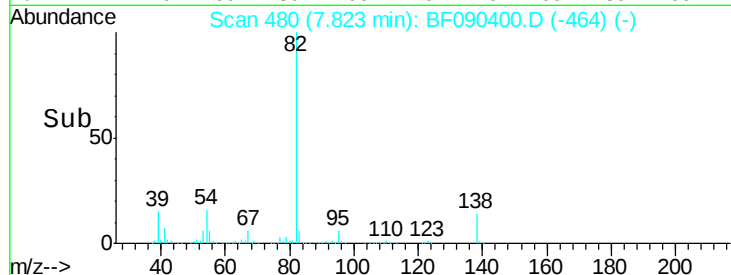
82 100

95 6.1 5.2 7.8

138 14.1 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.00 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

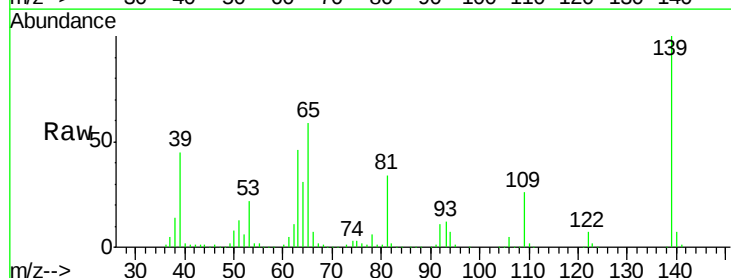
Tgt Ion: 139 Resp: 353100

Ion Ratio Lower Upper

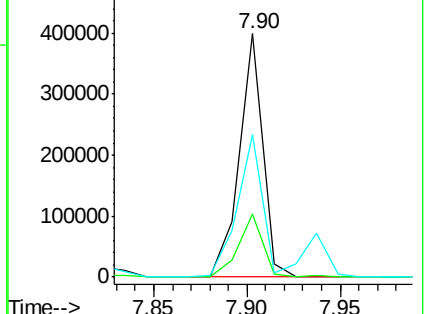
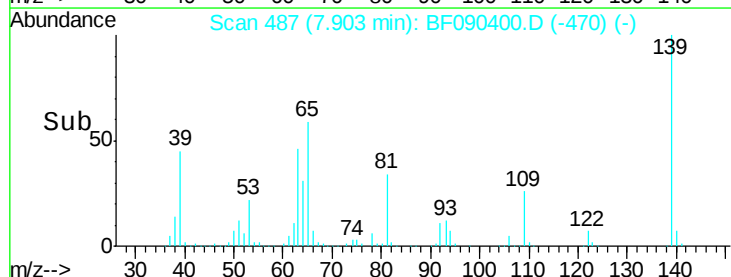
139 100

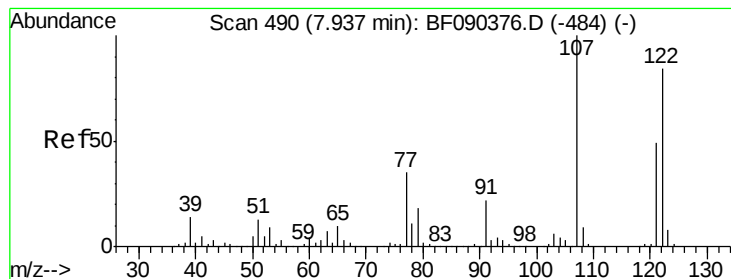
109 25.8 18.9 28.3

65 58.7 31.6 47.4#



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

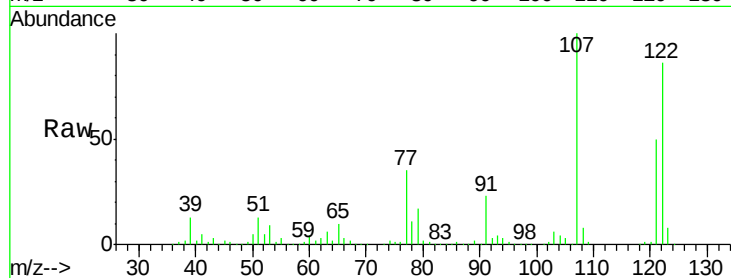




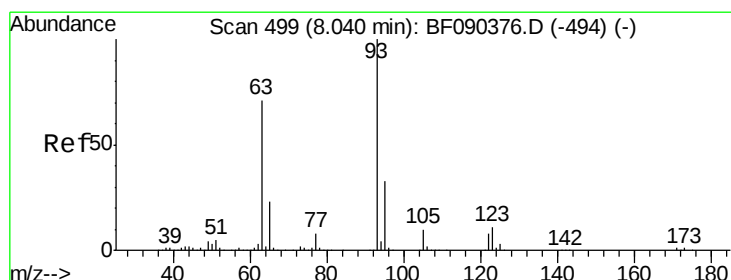
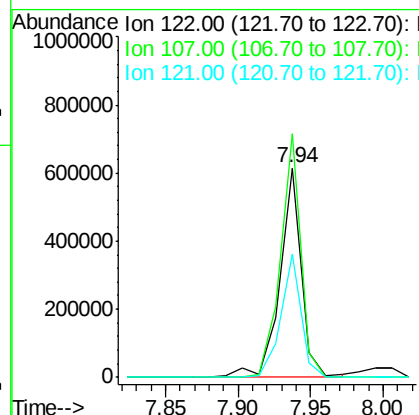
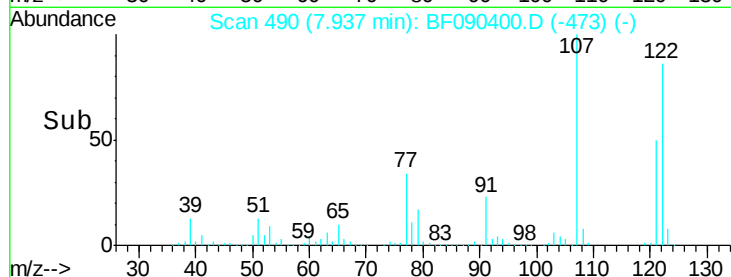
#27
 2,4-Dimethylphenol
 Concen: 37.59 ng
 RT: 7.94 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

Tgt Ion:122 Resp: 629561
 Ion Ratio Lower Upper
 122 100
 107 116.3 88.6 132.8
 121 58.7 47.5 71.3

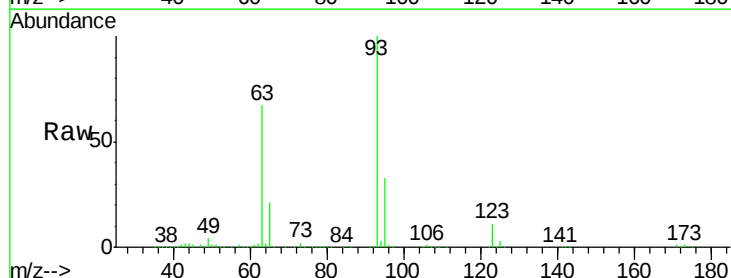


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

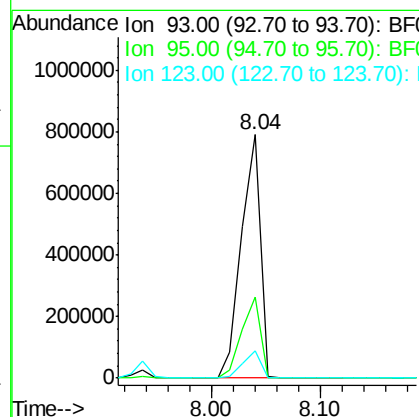
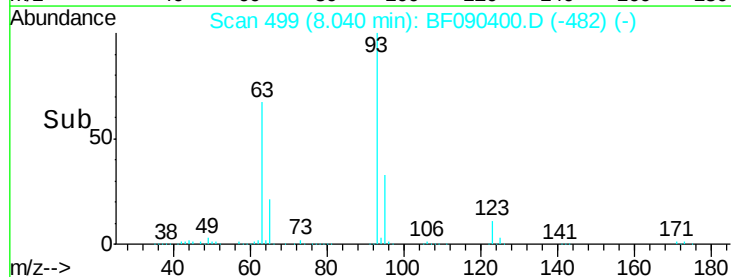


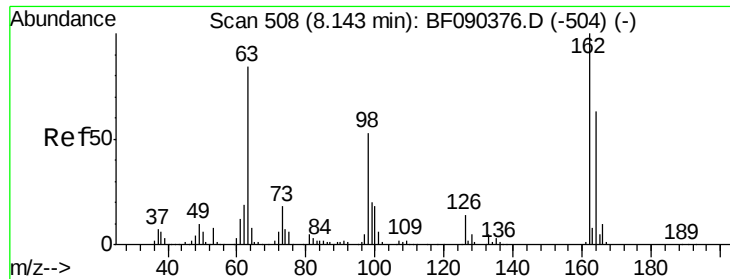
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.24 ng
 RT: 8.04 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Tgt Ion: 93 Resp: 942391
 Ion Ratio Lower Upper
 93 100
 95 33.2 27.0 40.4
 123 11.1 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

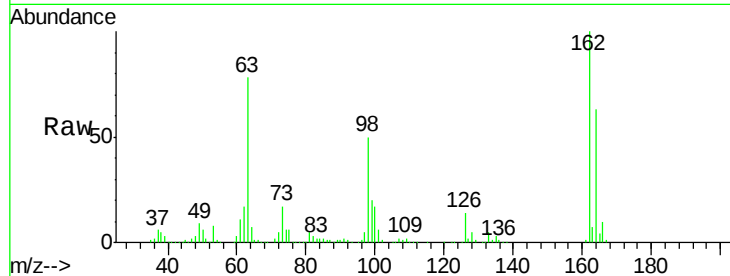




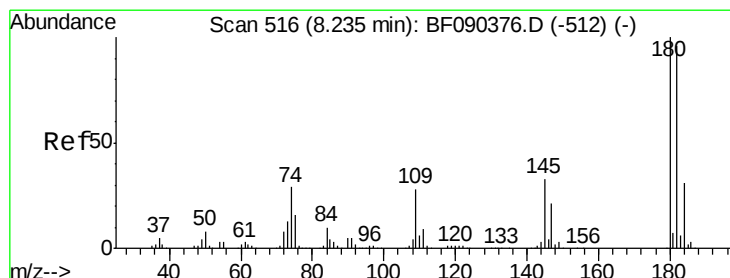
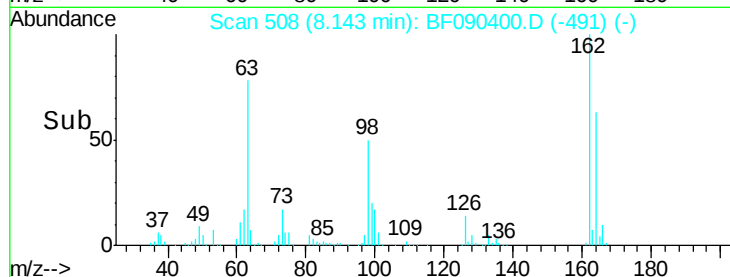
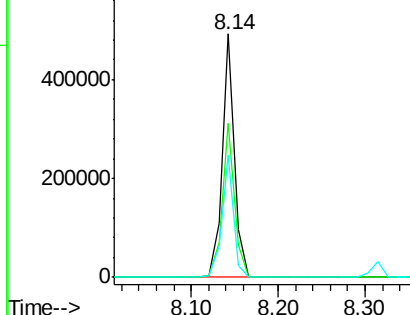
#29
 2,4-Dichlorophenol
 Concen: 38.14 ng
 RT: 8.14 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.7	85.7
98	50.2	13.3	53.3

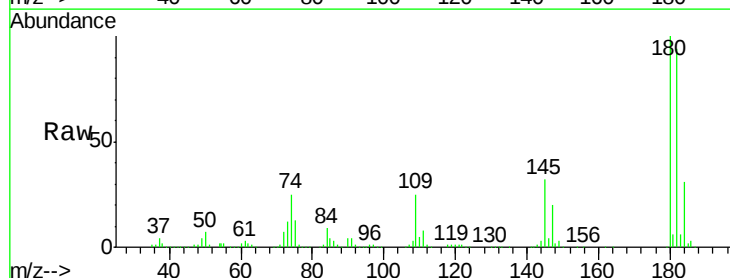


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

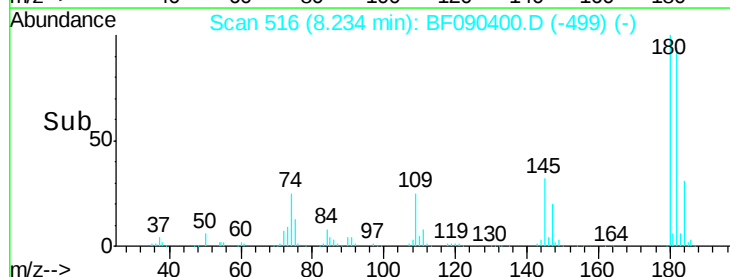
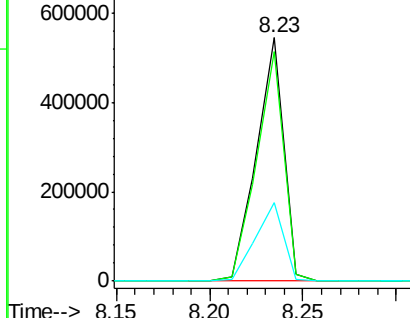


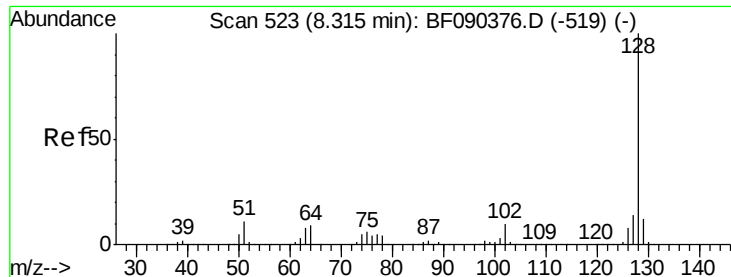
#30
 1,2,4-Trichlorobenzene
 Concen: 41.83 ng
 RT: 8.23 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.3	112.9
145	32.0	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

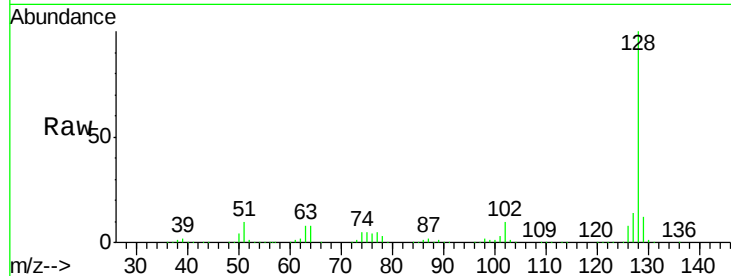




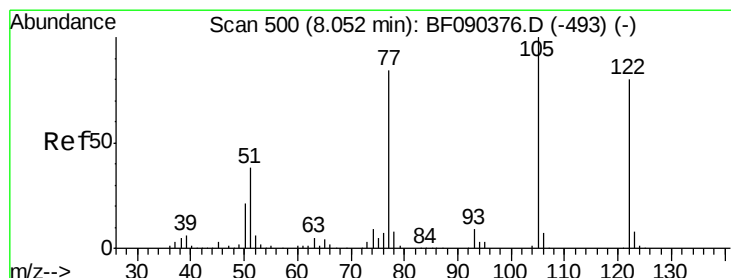
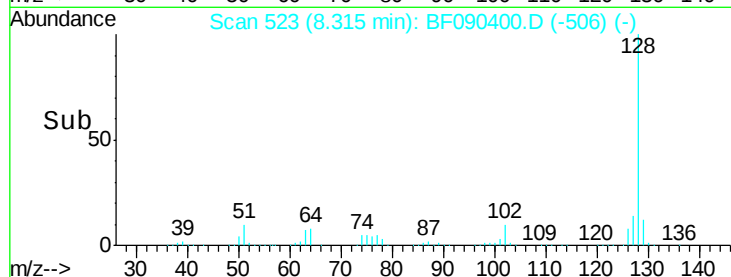
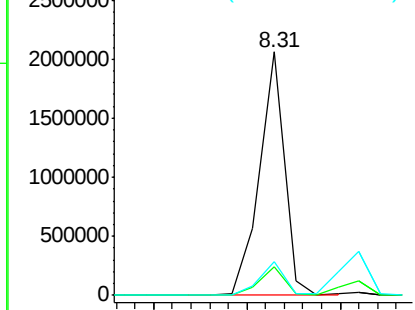
#31
Naphthalene
Concen: 40.49 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

Tgt Ion:128 Resp: 1915116
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 14.0 11.7 17.5

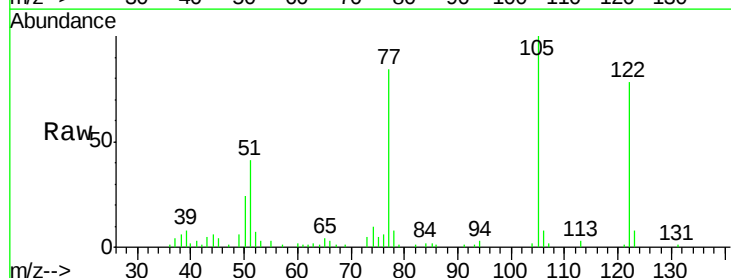


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

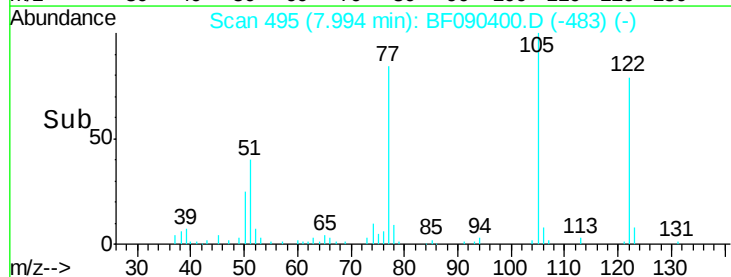
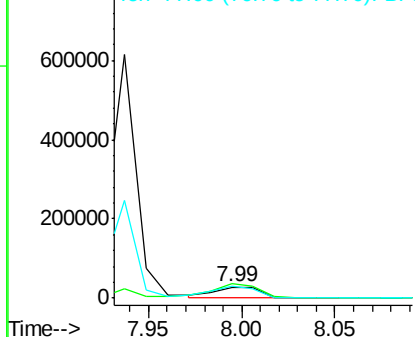


#32
Benzoic acid
Concen: 4.25 ng
RT: 7.99 min Scan# 495
Delta R.T. -0.06 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion:122 Resp: 49454
Ion Ratio Lower Upper
122 100
105 128.1 103.9 143.9
77 107.0 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

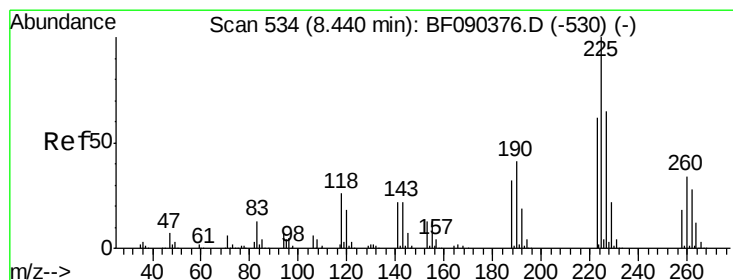
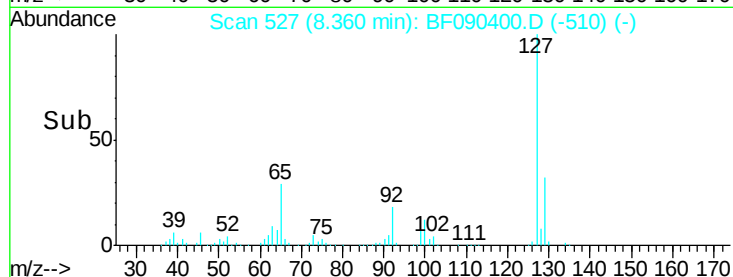
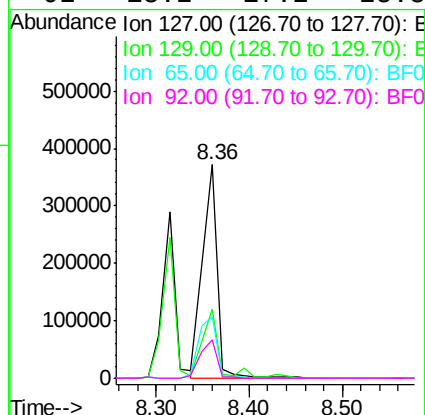
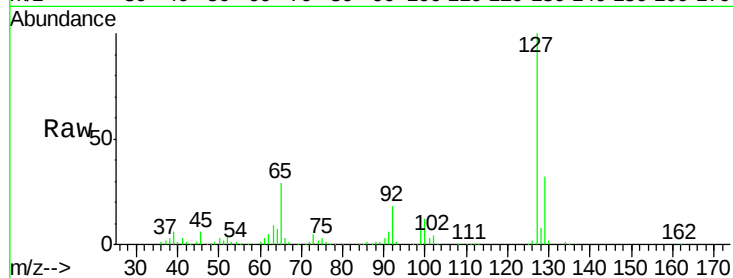




#33
4-Chloroaniline
Concen: 21.43 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

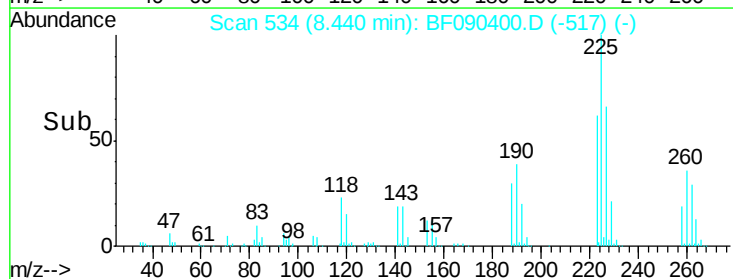
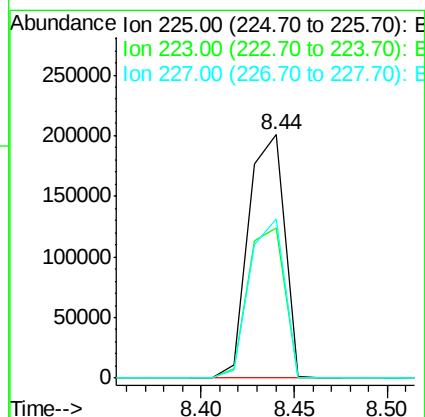
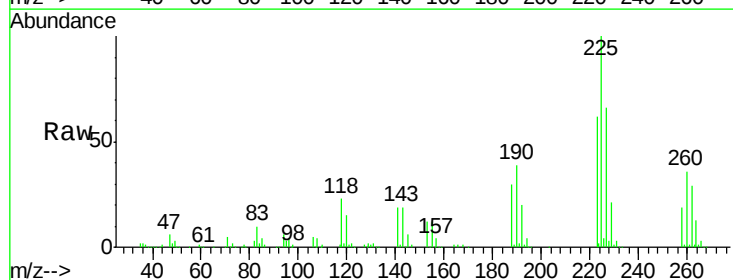
Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

Tgt Ion:	127	Resp:	418919
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	28.8	32.5	48.7#
92	18.2	17.2	25.8



#34
Hexachlorobutadiene
Concen: 36.46 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion:	225	Resp:	267388
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.4
227	65.5	50.8	76.2

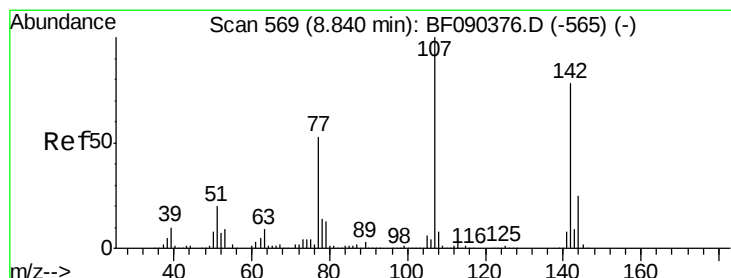
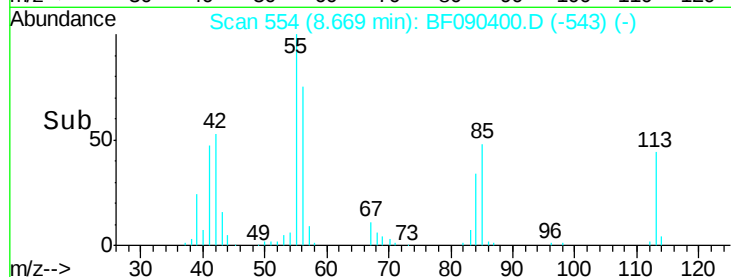
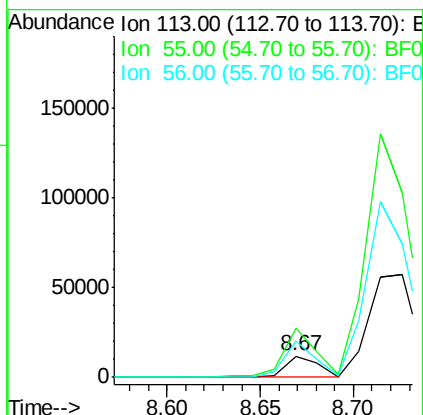
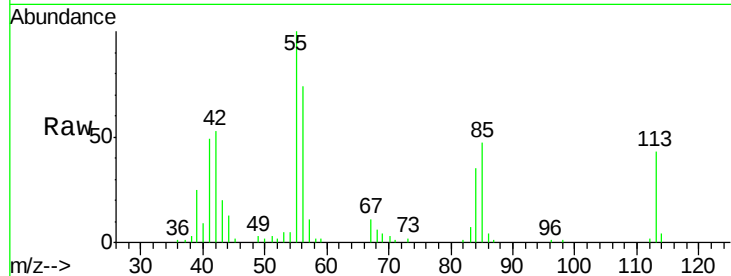




#35
 Caprolactam
 Concen: 3.50 ng
 RT: 8.67 min Scan# 554
 Delta R.T. -0.07 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

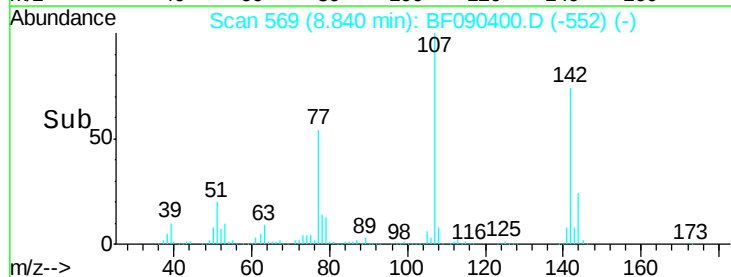
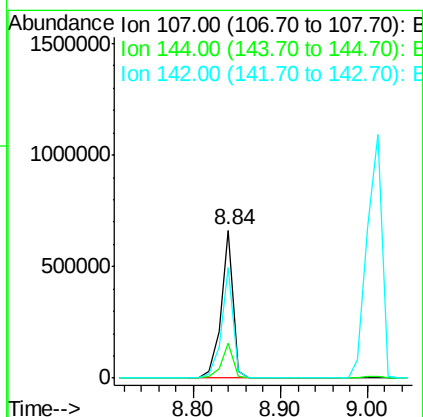
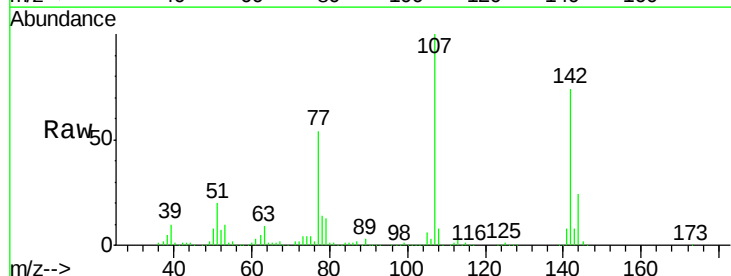
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

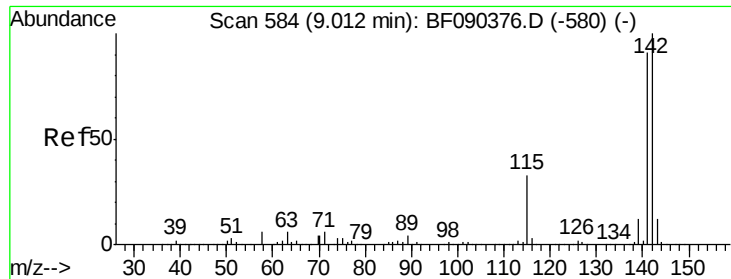
Tgt Ion:113 Resp: 14994
 Ion Ratio Lower Upper
 113 100
 55 230.7 203.3 243.3
 56 171.2 140.5 180.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.52 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Tgt Ion:107 Resp: 646049
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.8 29.8
 142 74.3 60.7 91.1

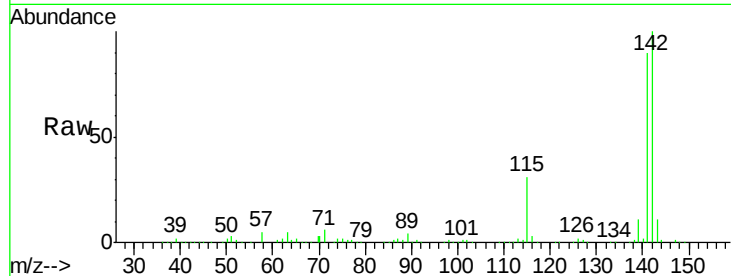




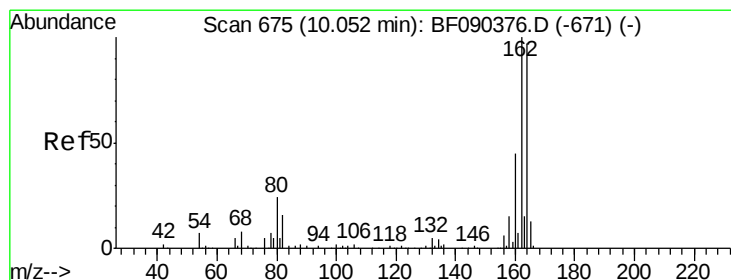
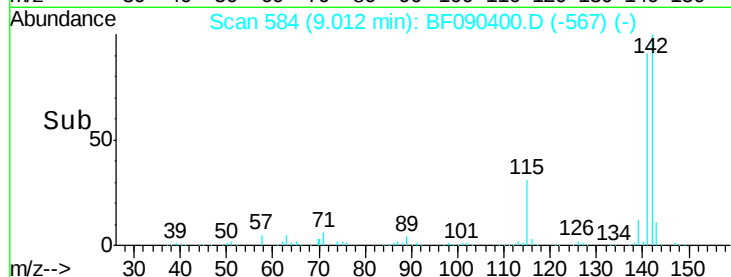
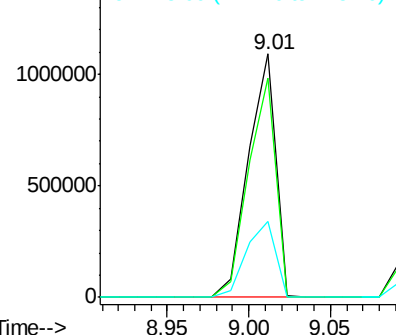
#37
2-Methylnaphthalene
Concen: 44.51 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

Tgt Ion:142 Resp: 1274288
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.8
115 31.0 28.8 43.2

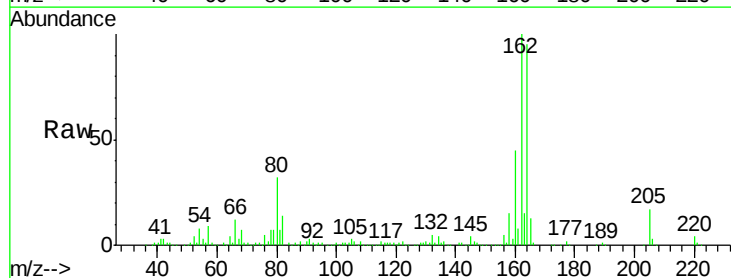


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

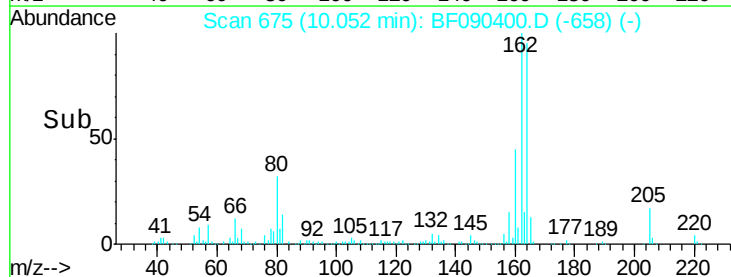
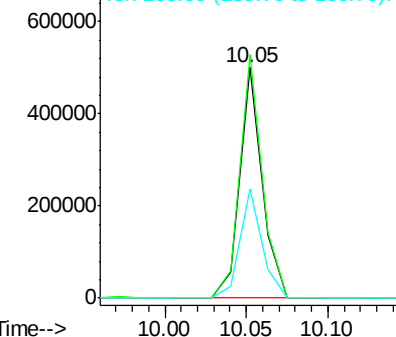


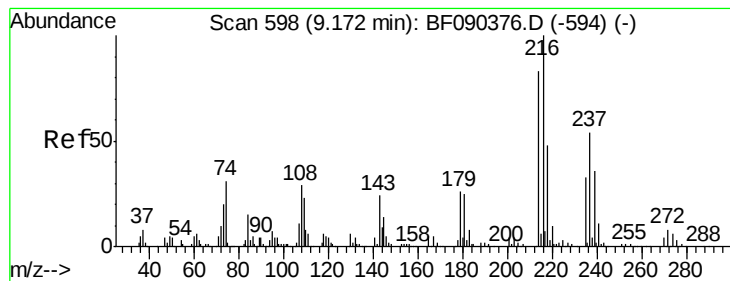
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion:164 Resp: 477232
Ion Ratio Lower Upper
164 100
162 105.6 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: 38.20 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

Tgt Ion:216 Resp: 480619

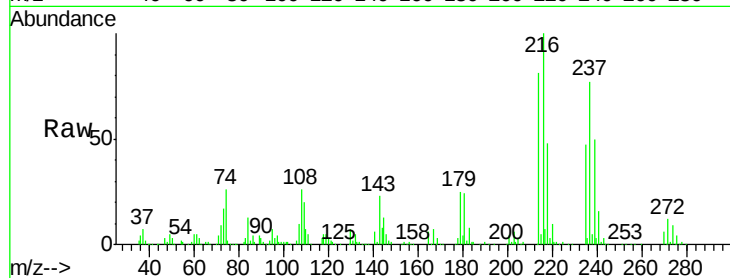
Ion Ratio Lower Upper

216 100

214 79.8 64.2 96.2

179 23.3 18.0 27.0

108 26.2 15.2 22.8#

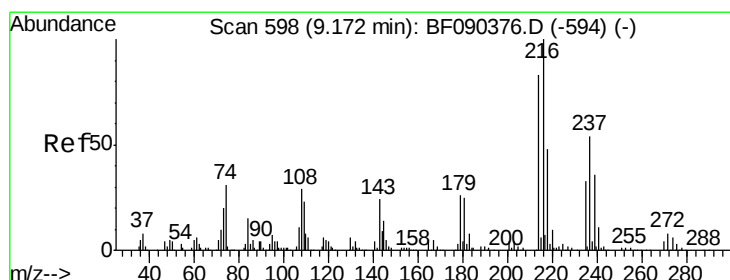
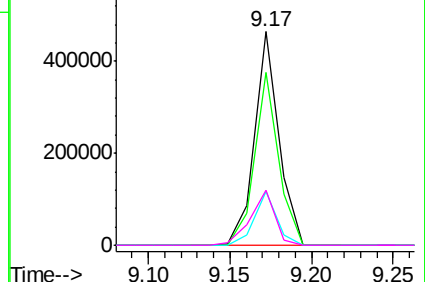
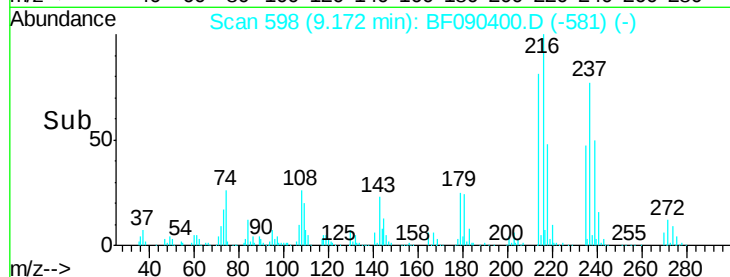


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.04 ng

RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

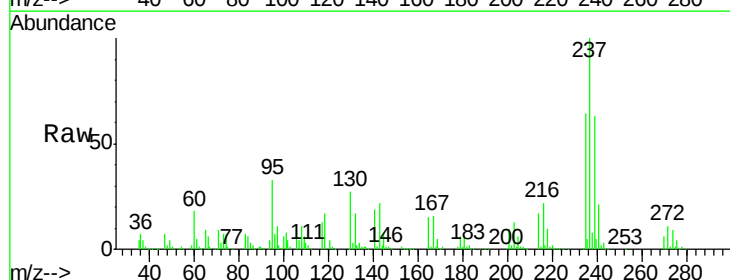
Tgt Ion:237 Resp: 558927

Ion Ratio Lower Upper

237 100

235 63.6 43.6 83.6

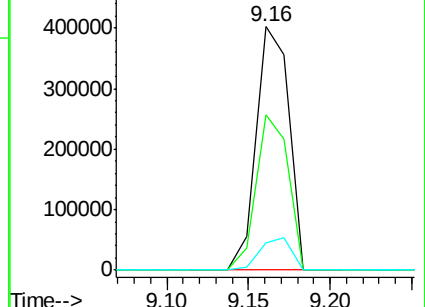
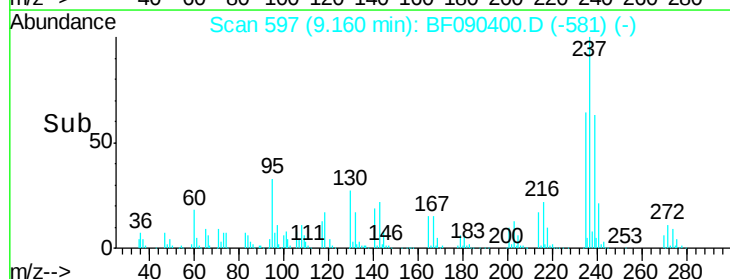
272 11.3 0.0 32.7

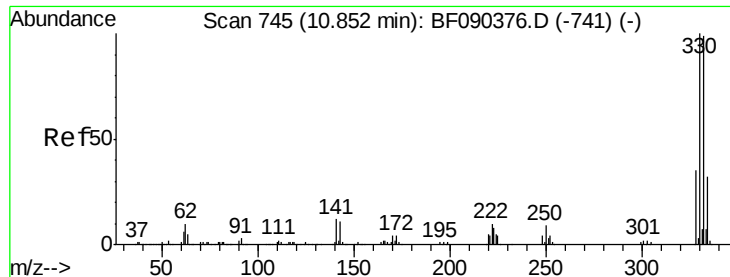


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

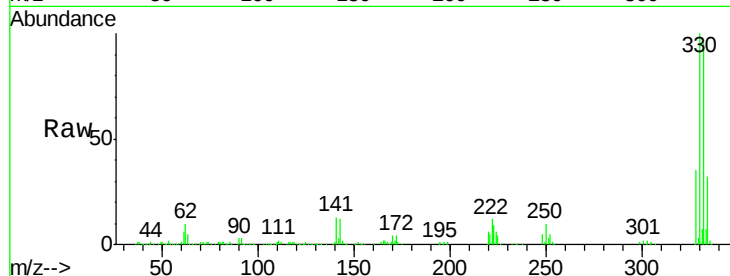




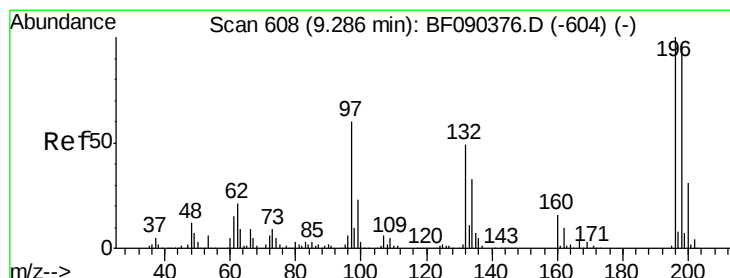
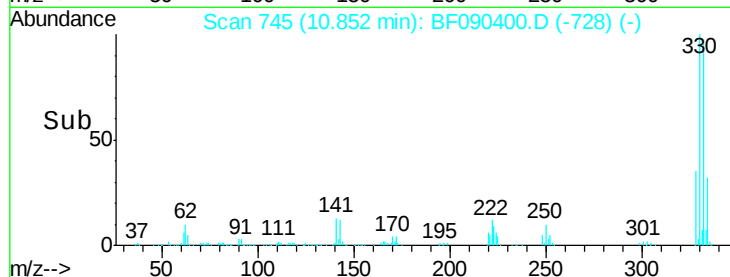
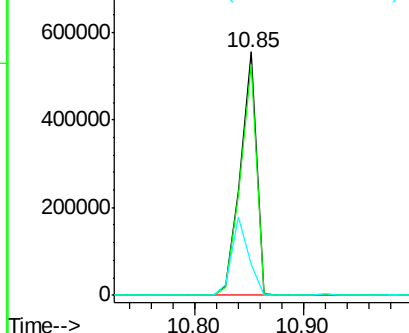
#41
 2,4,6-Tribromophenol
 Concen: 144.81 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.0
141	33.9	26.9	40.3

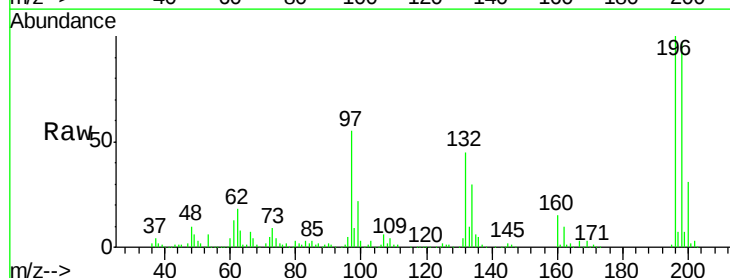


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

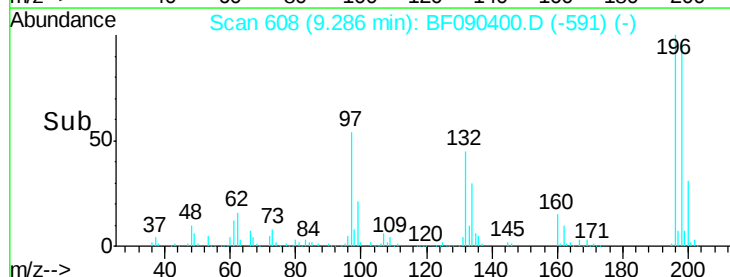
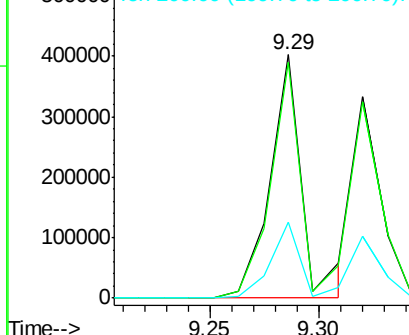


#42
 2,4,6-Trichlorophenol
 Concen: 47.99 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	78.9	118.3
200	31.1	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

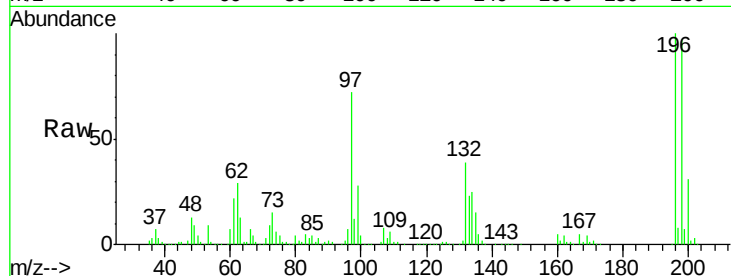




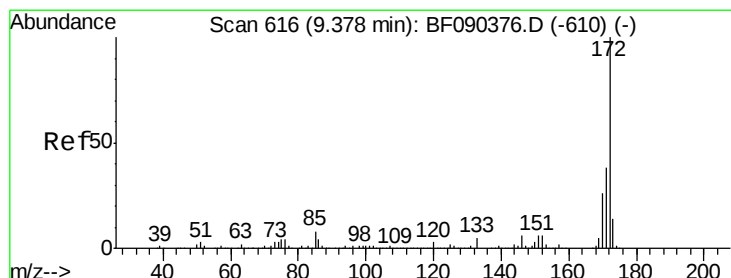
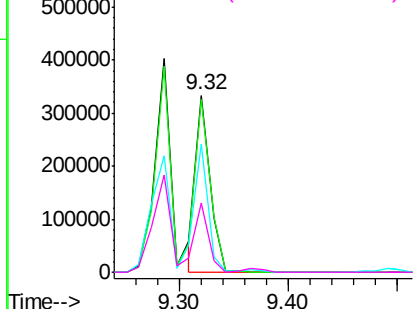
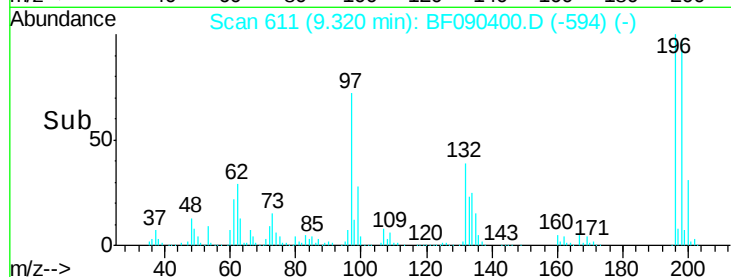
#43
 2,4,5-Trichlorophenol
 Concen: 37.07 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

Tgt Ion:196 Resp: 304341
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.1 117.1
 97 72.2 48.1 72.1#
 132 39.3 27.4 41.2

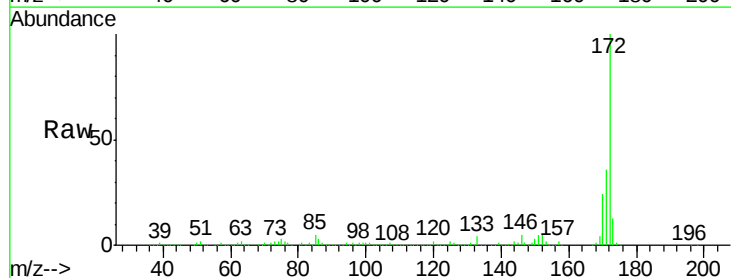


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

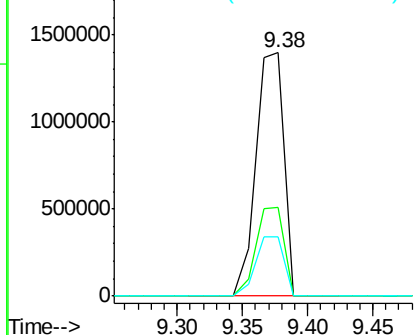
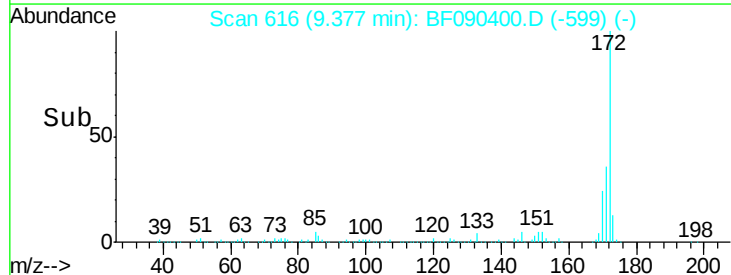


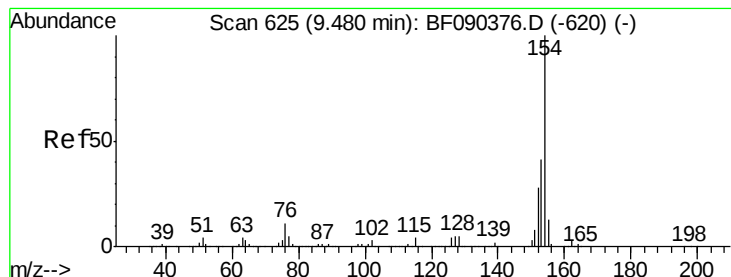
#44
 2-Fluorobiphenyl
 Concen: 73.05 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Tgt Ion:172 Resp: 2092339
 Ion Ratio Lower Upper
 172 100
 171 36.3 31.8 47.8
 170 24.4 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: 37.29 ng

RT: 9.47 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

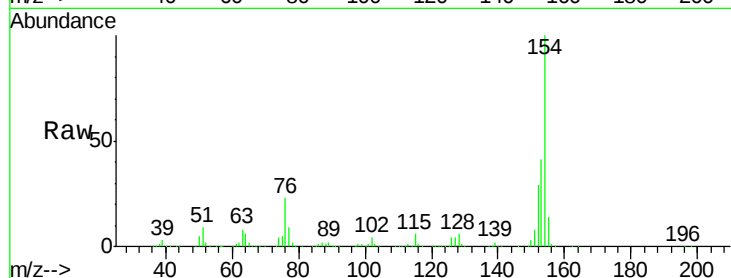
Tgt Ion:154 Resp: 1318651

Ion Ratio Lower Upper

154 100

153 41.1 23.8 63.8

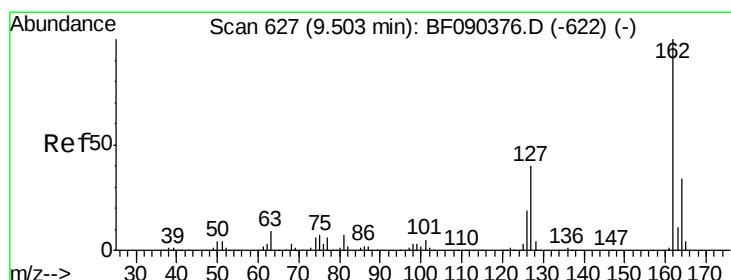
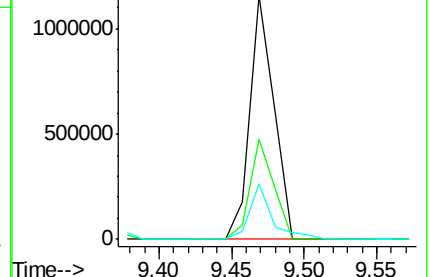
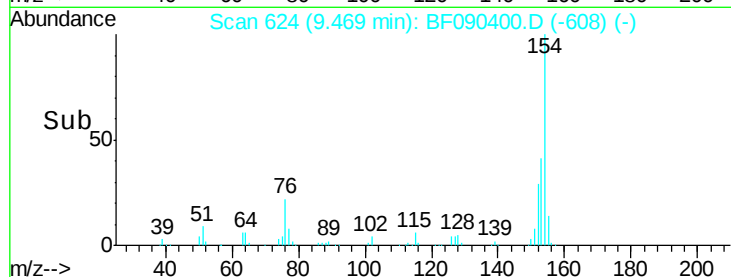
76 22.6 0.0 35.8



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: 44.04 ng

RT: 9.50 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

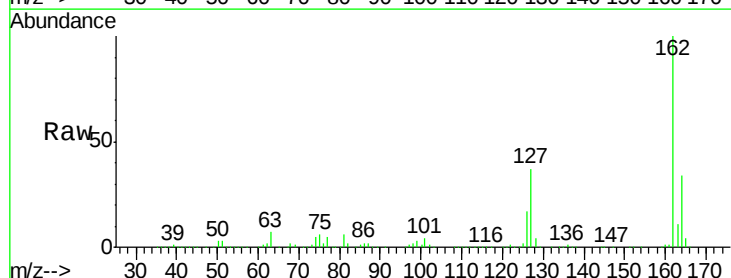
Tgt Ion:162 Resp: 1150768

Ion Ratio Lower Upper

162 100

127 37.0 35.6 53.4

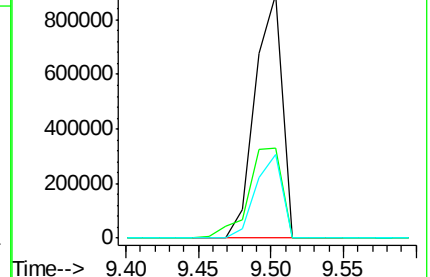
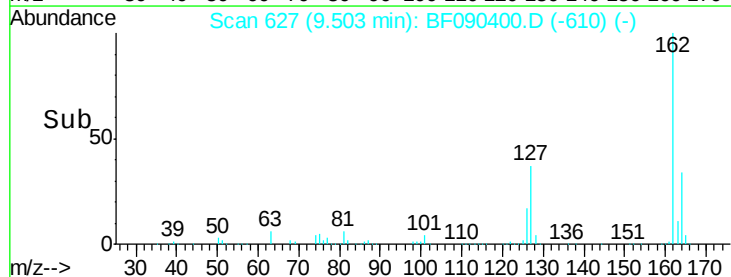
164 34.2 27.5 41.3

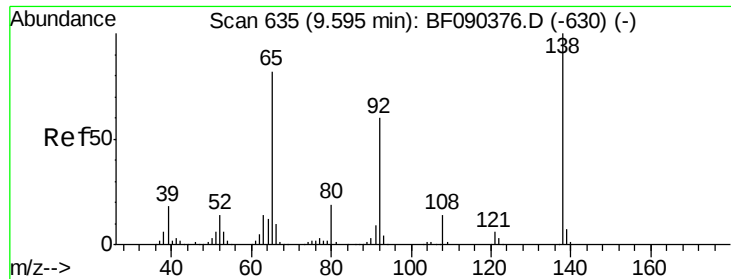


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

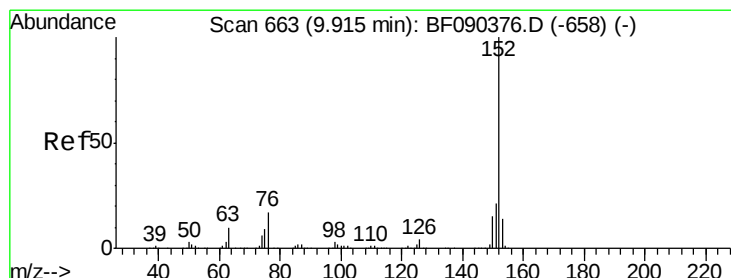
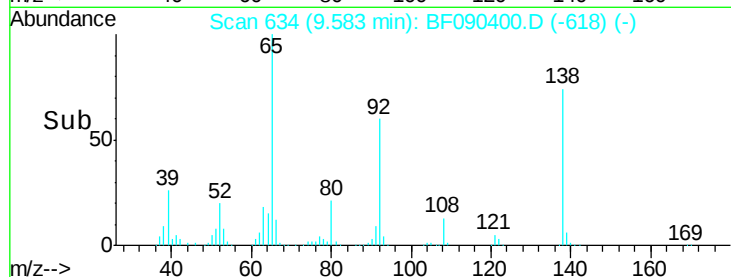
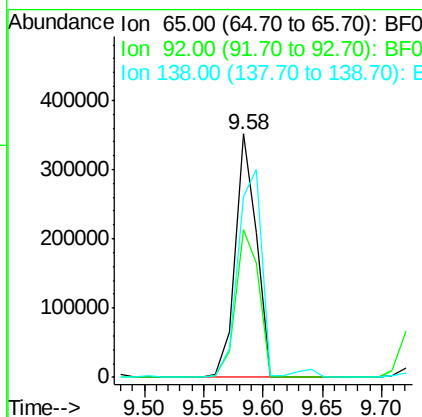
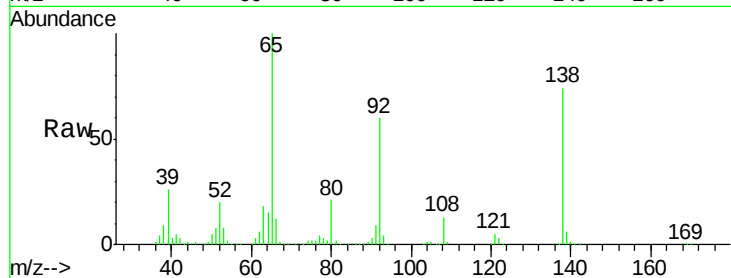




#47
 2-Nitroaniline
 Concen: 42.10 ng
 RT: 9.58 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

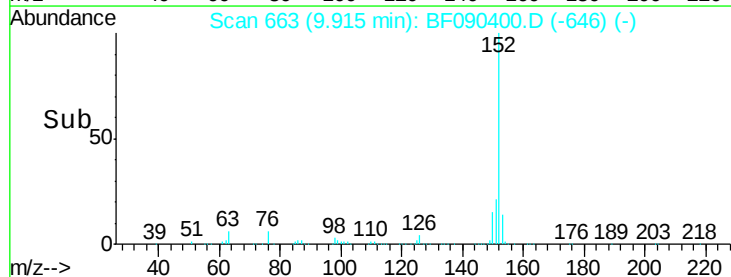
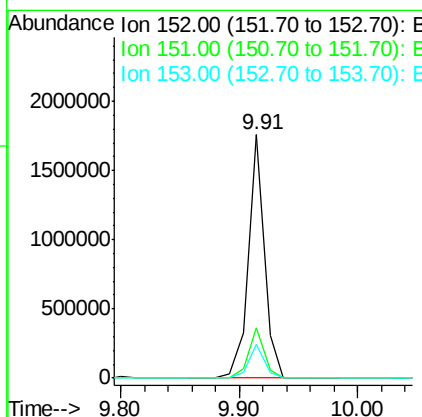
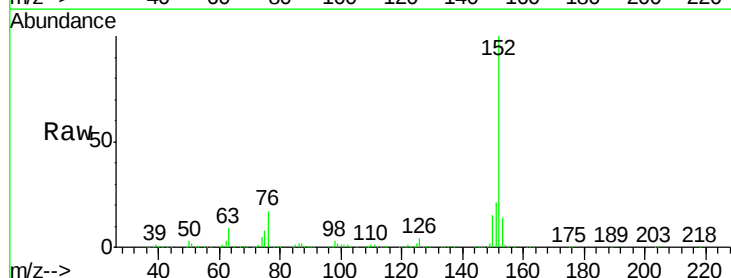
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

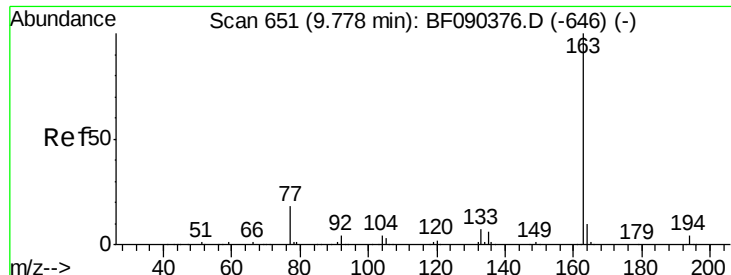
Tgt Ion: 65 Resp: 434045
 Ion Ratio Lower Upper
 65 100
 92 60.5 51.7 77.5
 138 74.5 79.0 118.4#



#48
 Acenaphthylene
 Concen: 38.61 ng
 RT: 9.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Tgt Ion: 152 Resp: 1664356
 Ion Ratio Lower Upper
 152 100
 151 20.9 17.4 26.0
 153 14.0 11.6 17.4

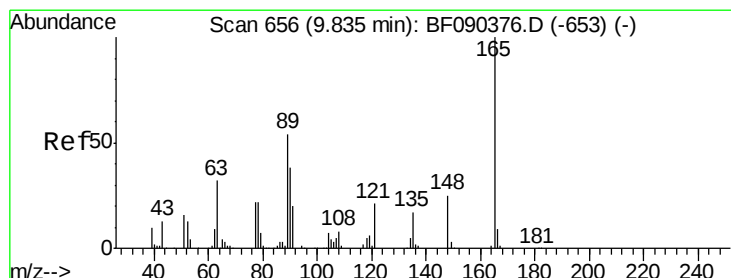
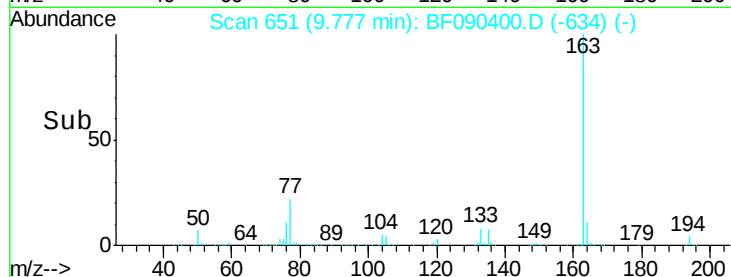
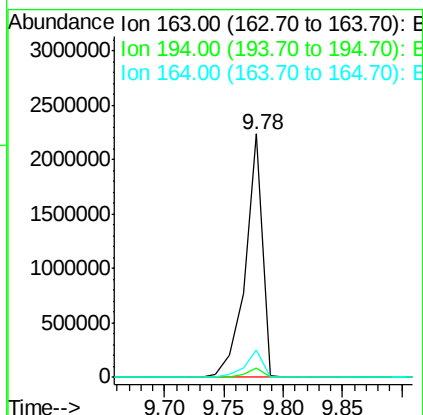
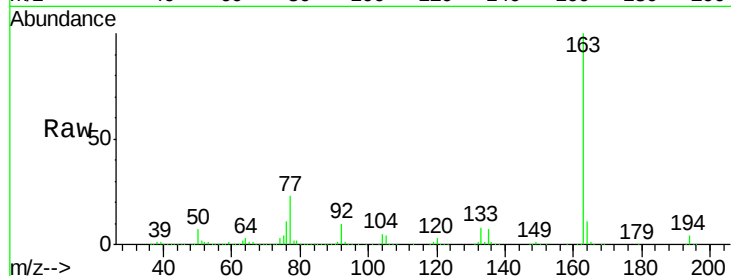




#49
Dimethylphthalate
Concen: 73.42 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

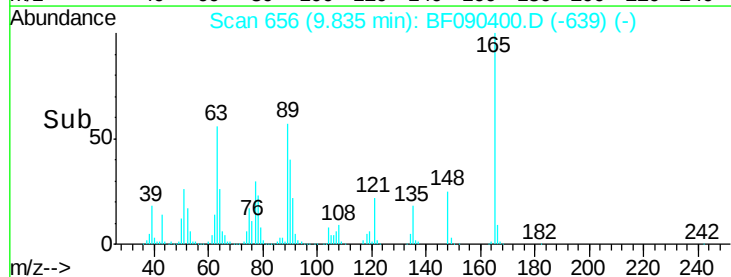
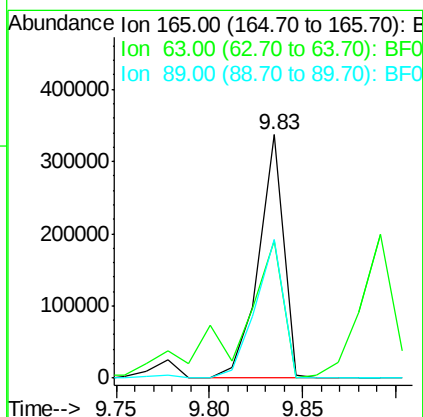
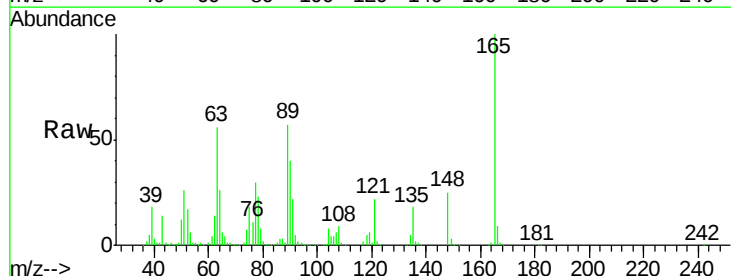
Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

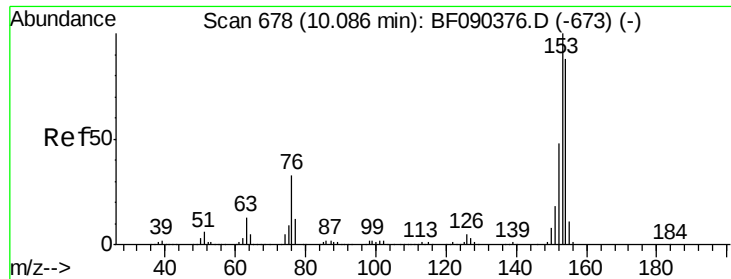
Tgt Ion:163 Resp: 2244023
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 11.1 9.0 13.4



#50
2,6-Dinitrotoluene
Concen: 46.11 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion:165 Resp: 312904
Ion Ratio Lower Upper
165 100
63 56.3 58.0 87.0#
89 56.8 51.2 76.8





#51

Acenaphthene

Concen: 40.47 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

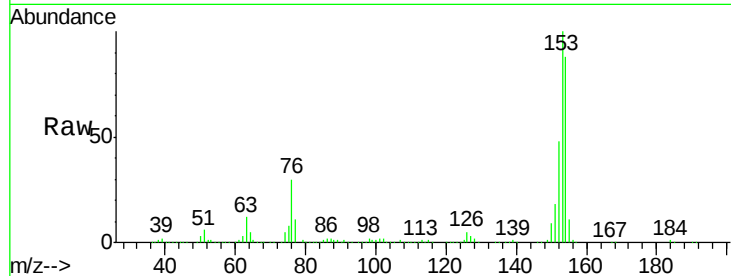
Tgt Ion:154 Resp: 1088007

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

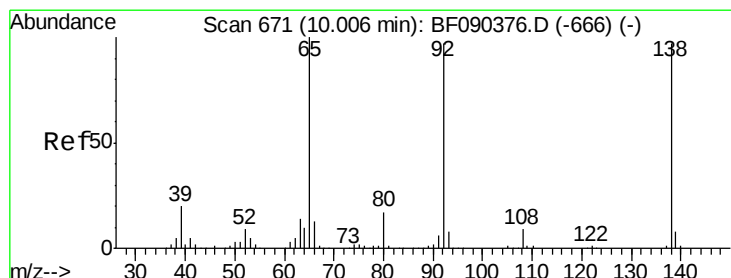
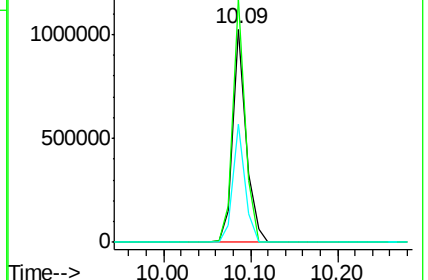
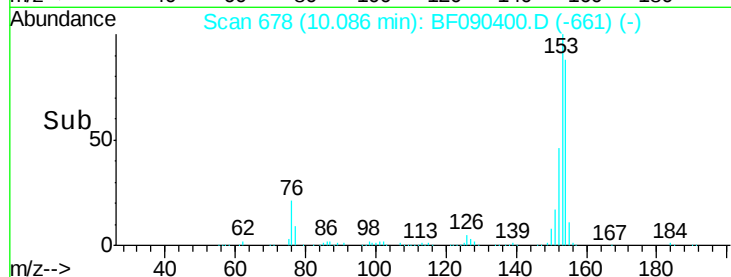
152 55.2 42.6 64.0



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: 30.63 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

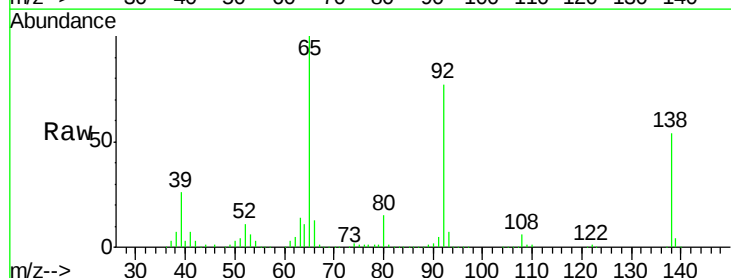
Tgt Ion:138 Resp: 242766

Ion Ratio Lower Upper

138 100

108 10.6 9.7 14.5

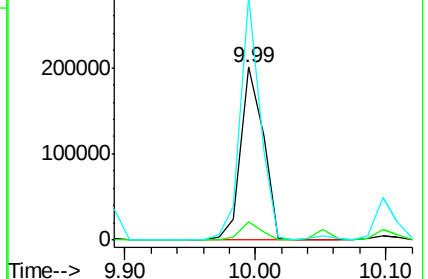
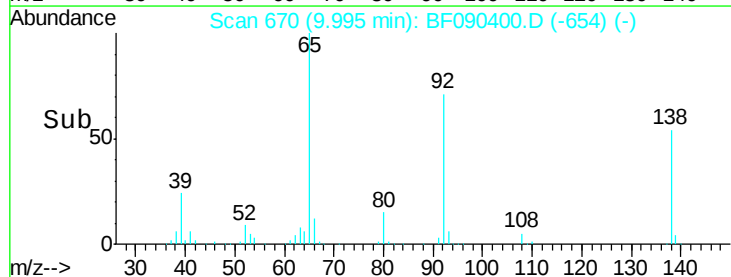
92 140.7 97.1 145.7

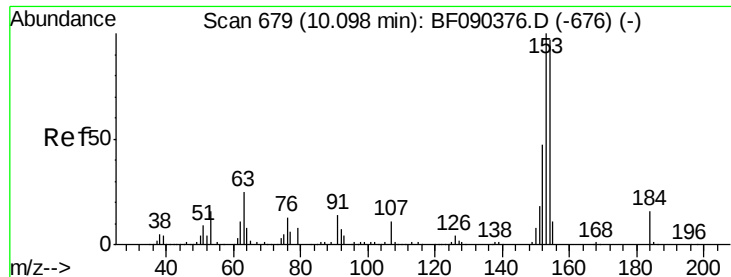


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

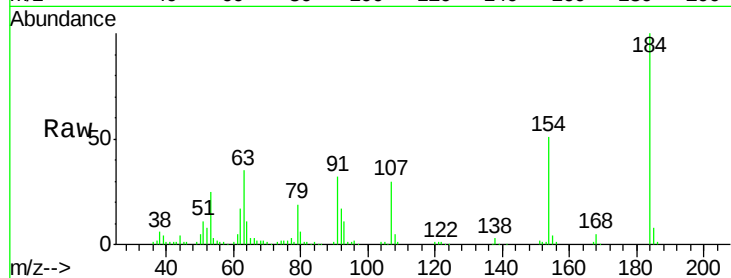




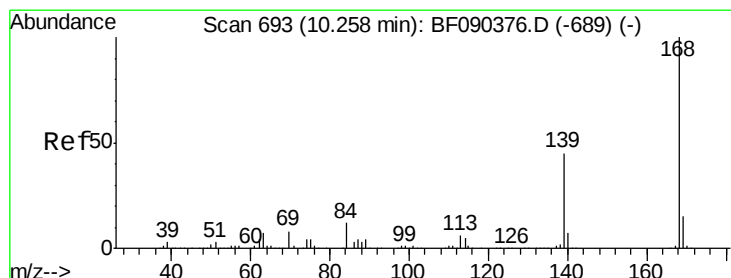
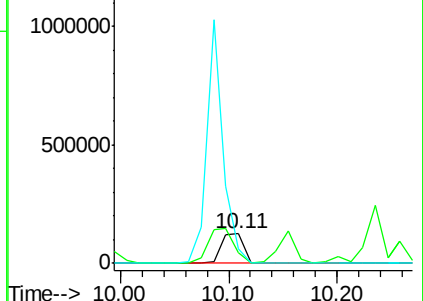
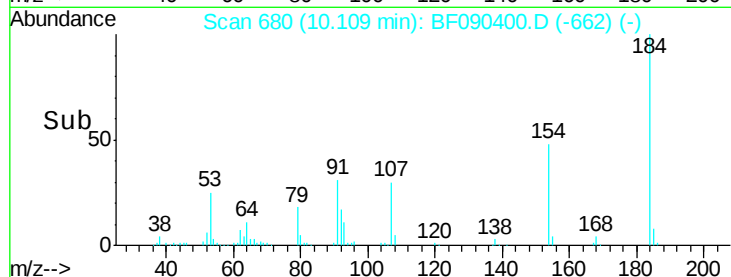
#53
2,4-Dinitrophenol
Concen: 58.70 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

Tgt Ion:184 Resp: 177582
Ion Ratio Lower Upper
184 100
63 35.2 41.9 62.9#
154 50.6 48.9 73.3

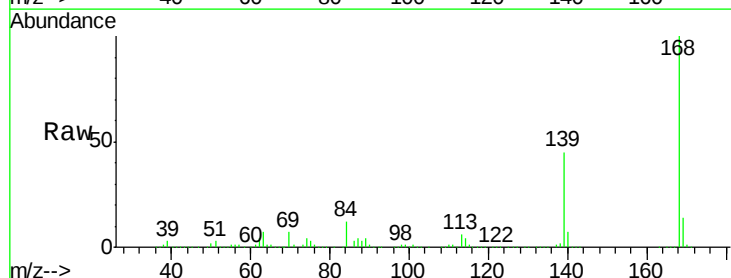


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

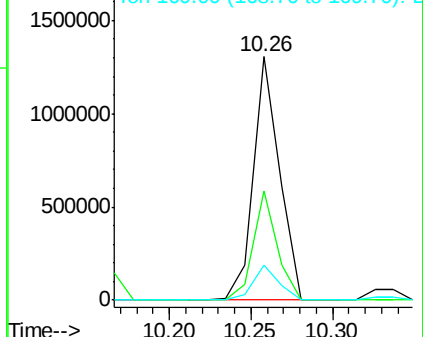
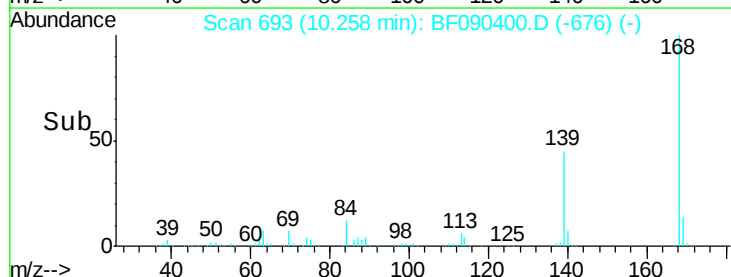


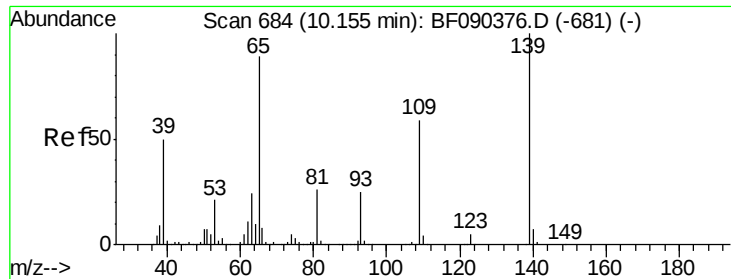
#54
Dibenzofuran
Concen: 41.61 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion:168 Resp: 1447657
Ion Ratio Lower Upper
168 100
139 44.7 29.6 44.4#
169 14.3 11.3 16.9



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

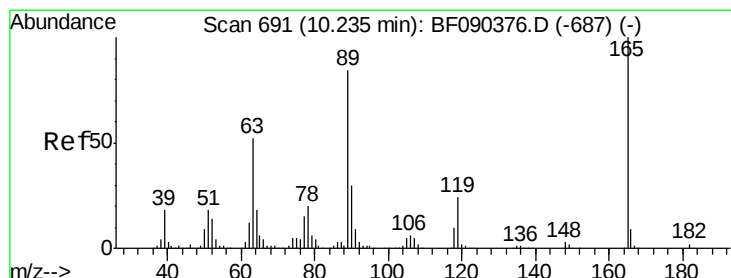
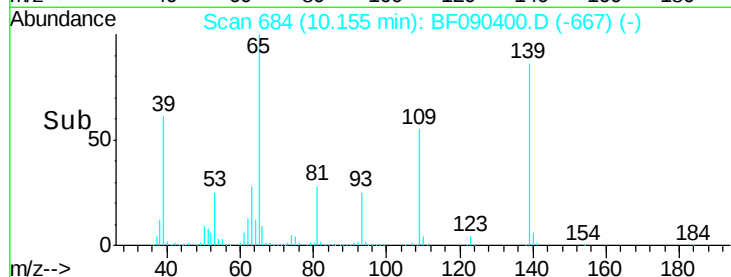
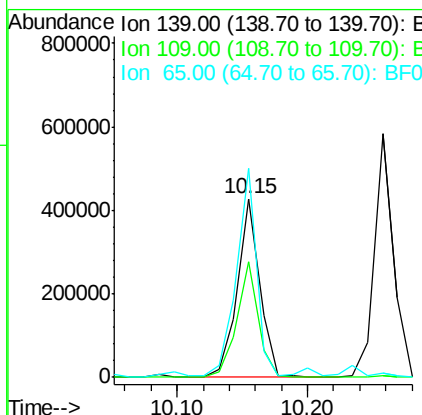
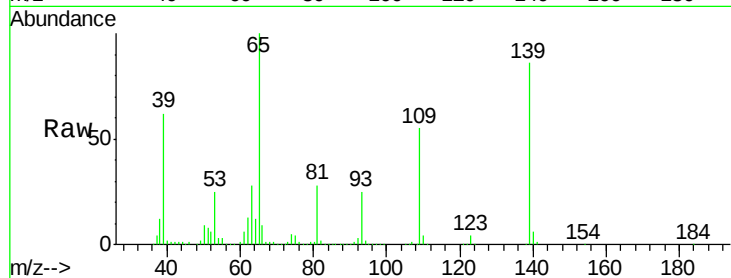




#55
4-Nitrophenol
Concen: 73.28 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

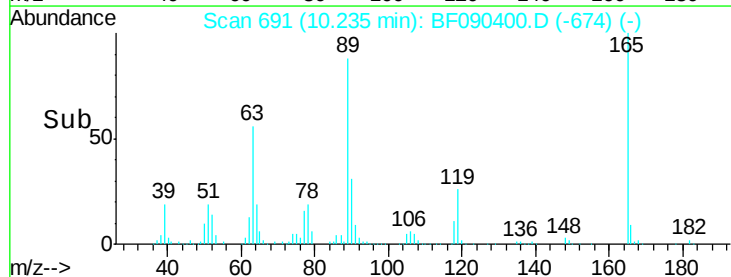
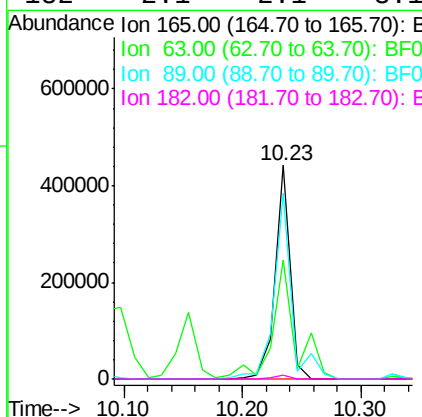
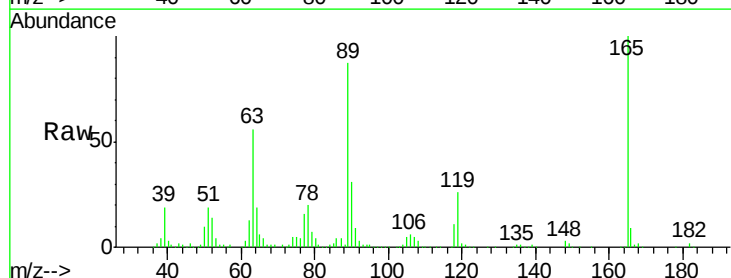
Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

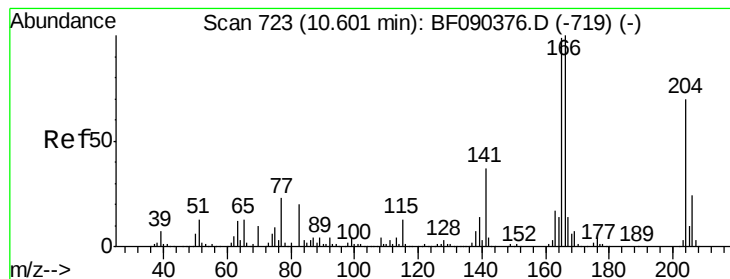
Tgt Ion:139 Resp: 508268
Ion Ratio Lower Upper
139 100
109 64.3 43.6 83.6
65 116.8 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 42.85 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion:165 Resp: 386976
Ion Ratio Lower Upper
165 100
63 55.6 17.8 26.6#
89 86.9 33.2 49.8#
182 2.1 2.1 3.1





#57

Fluorene

Concen: 41.13 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

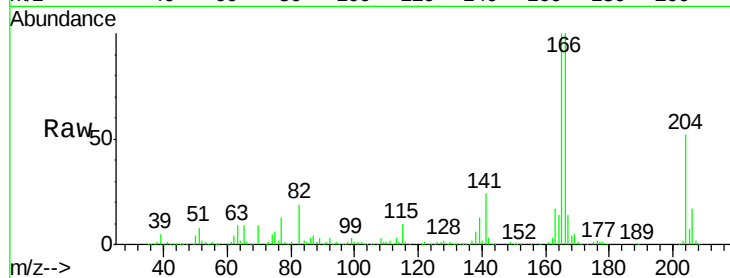
Tgt Ion:166 Resp: 1202561

Ion Ratio Lower Upper

166 100

165 99.7 79.2 118.8

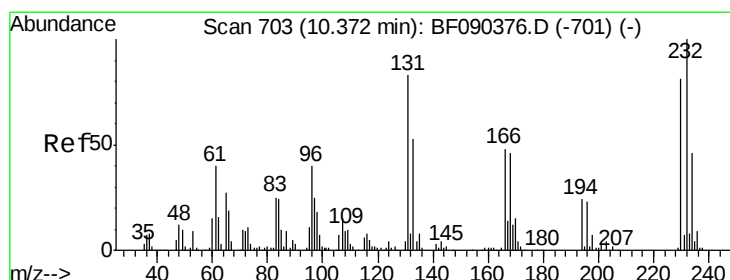
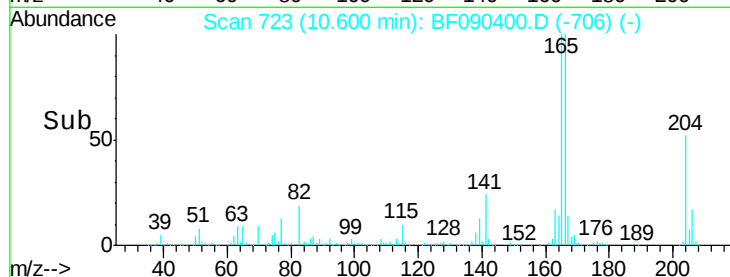
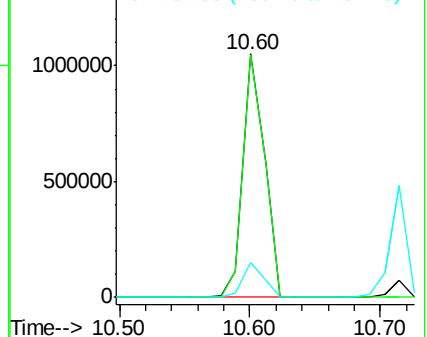
167 14.5 11.1 16.7



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: 44.79 ng

RT: 10.37 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Tgt Ion:232 Resp: 274596

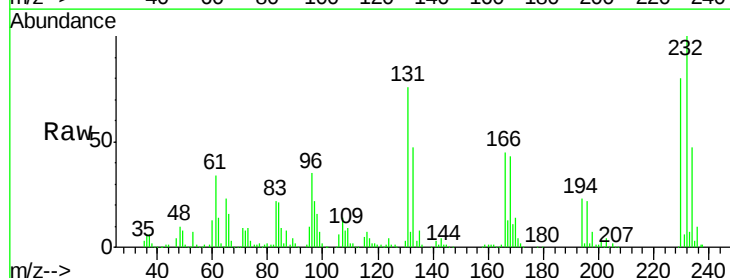
Ion Ratio Lower Upper

232 100

131 58.6 34.5 51.7#

130 2.5 1.6 2.4#

166 36.8 23.8 35.8#

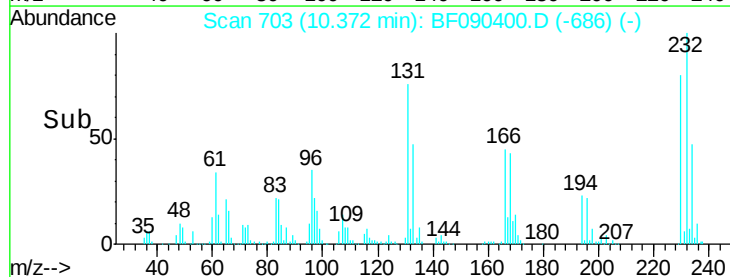
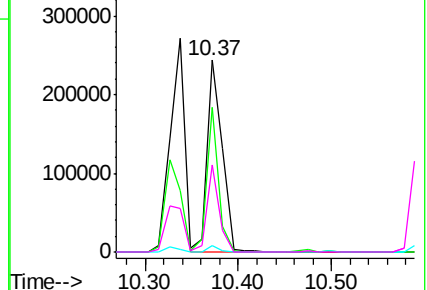


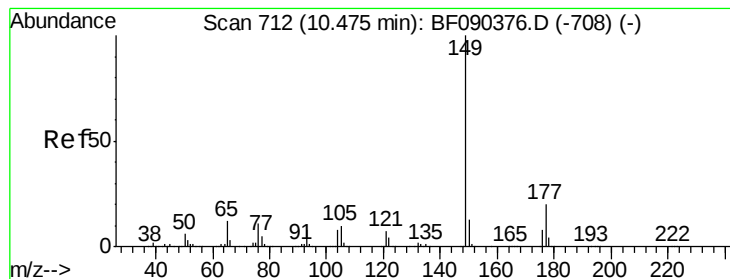
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.20 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

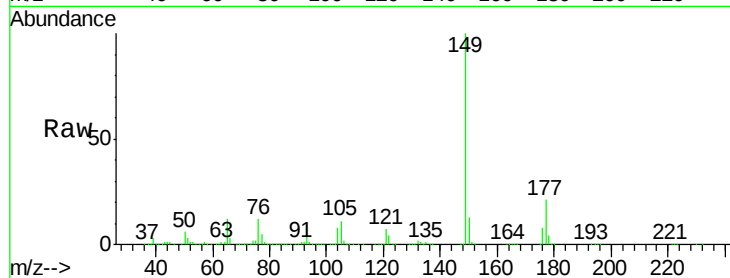
Tgt Ion:149 Resp: 1302806

Ion Ratio Lower Upper

149 100

177 21.0 21.1 31.7#

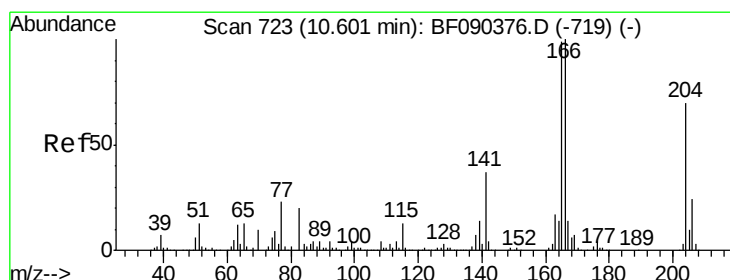
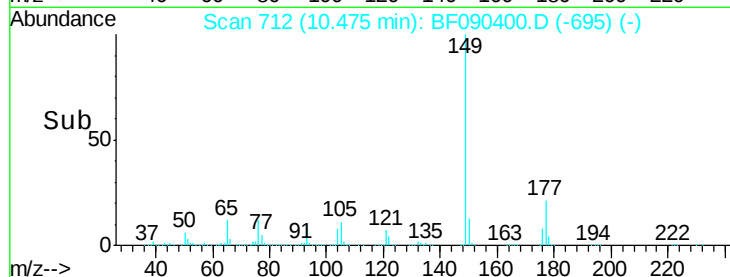
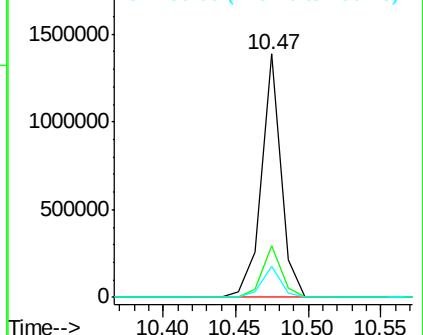
150 12.9 10.2 15.2



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: 44.02 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

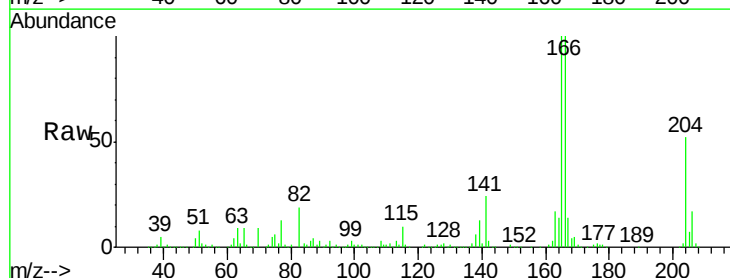
Tgt Ion:204 Resp: 585257

Ion Ratio Lower Upper

204 100

206 33.8 26.7 40.1

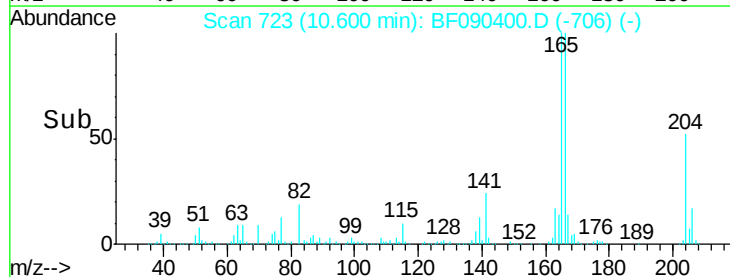
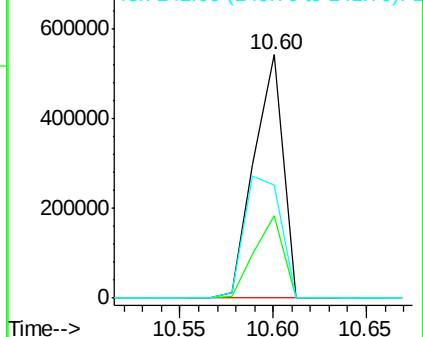
141 46.5 51.7 77.5#

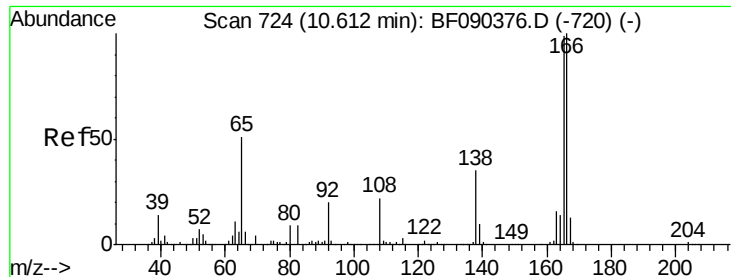


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

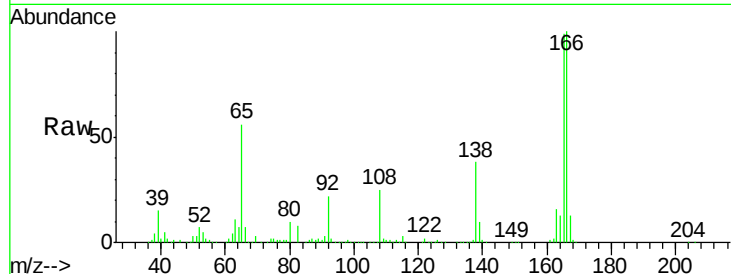




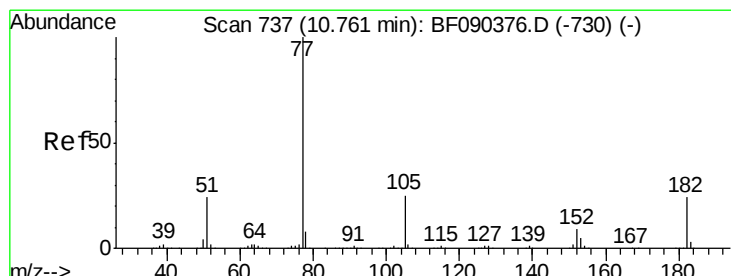
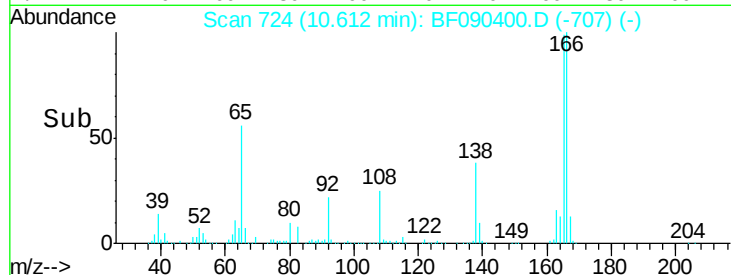
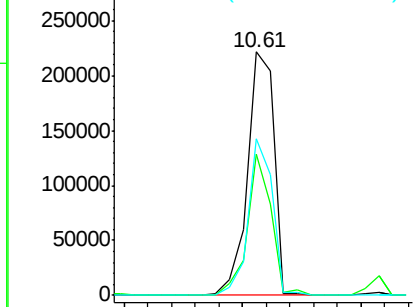
#61
4-Nitroaniline
Concen: 43.49 ng
RT: 10.61 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

Tgt Ion:138 Resp: 347374
Ion Ratio Lower Upper
138 100
92 58.1 33.2 73.2
108 64.4 48.5 88.5

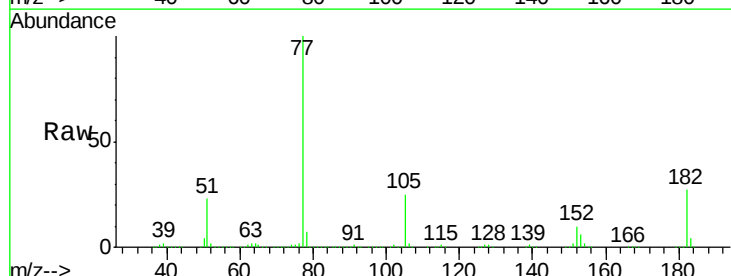


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

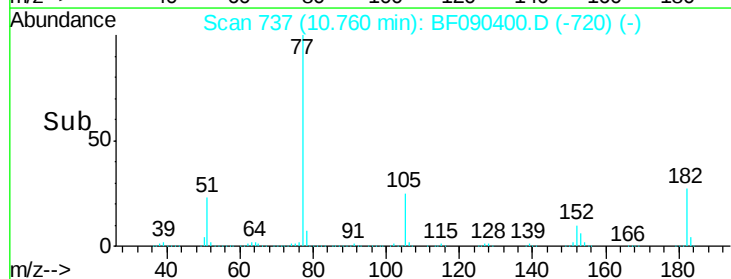
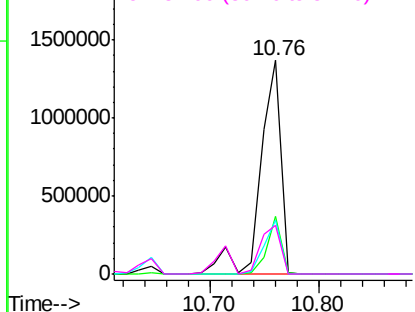


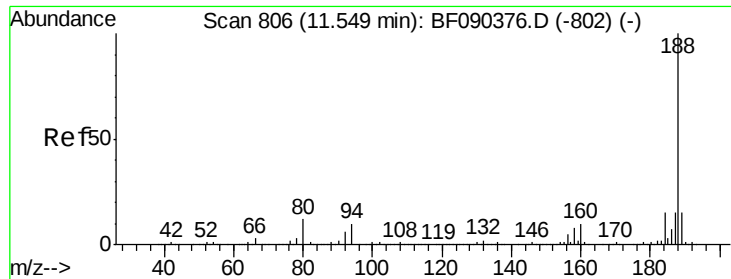
#62
Azobenzene
Concen: 49.13 ng
RT: 10.76 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion: 77 Resp: 1794467
Ion Ratio Lower Upper
77 100
182 26.8 3.2 43.2
105 24.9 2.9 42.9
51 23.0 14.2 54.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

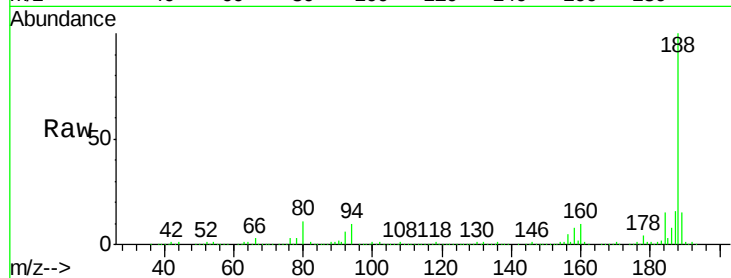




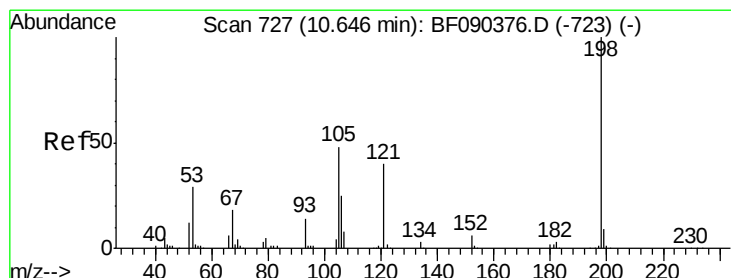
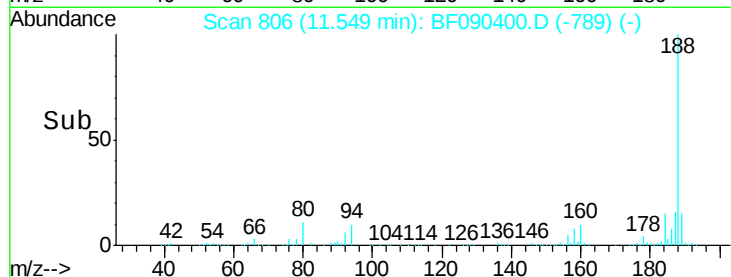
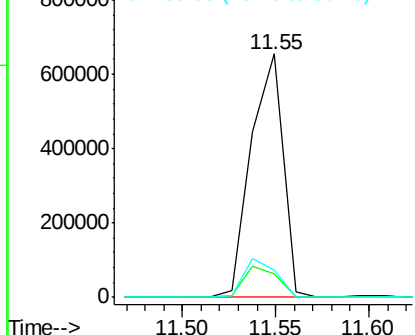
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

Tgt Ion:188 Resp: 779471
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 11.0 8.8 13.2

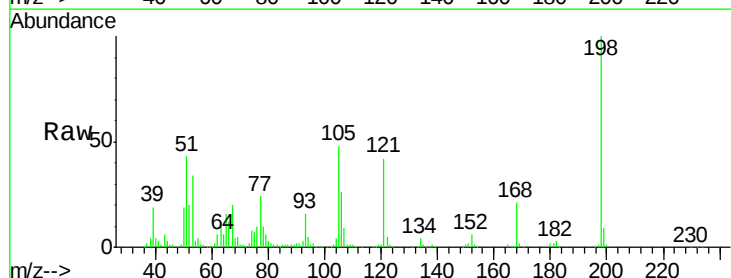


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

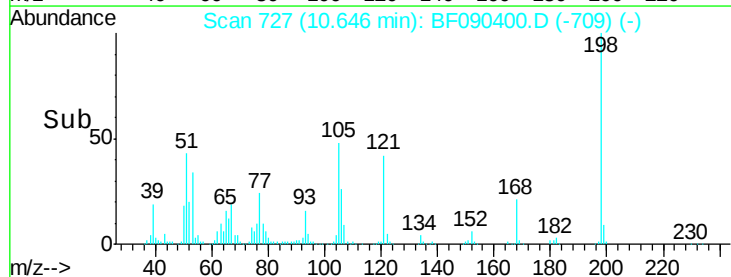
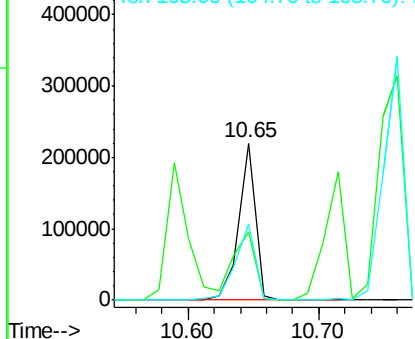


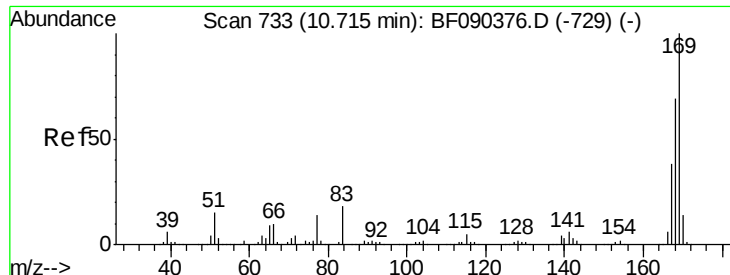
#64
4,6-Dinitro-2-methylphenol
Concen: 37.77 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion:198 Resp: 191883
Ion Ratio Lower Upper
198 100
51 43.4 67.3 107.3#
105 48.5 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

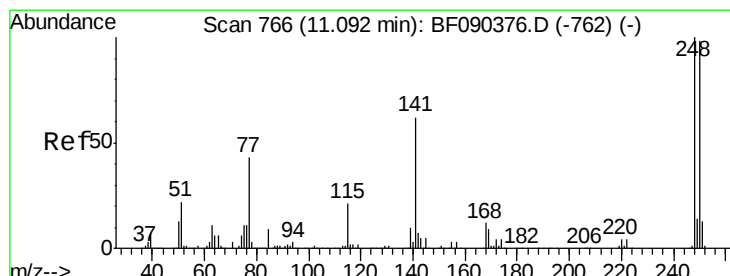
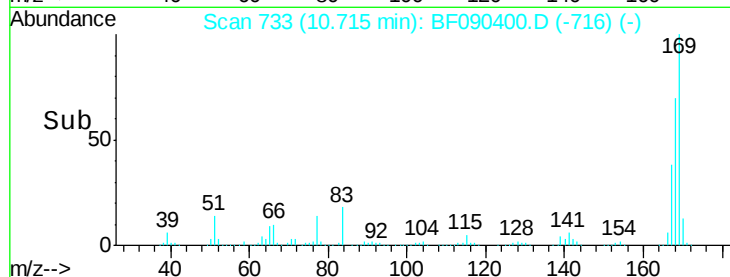
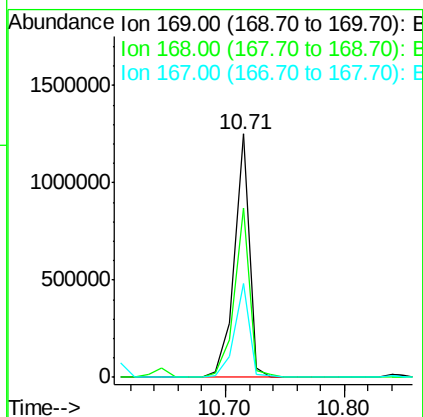
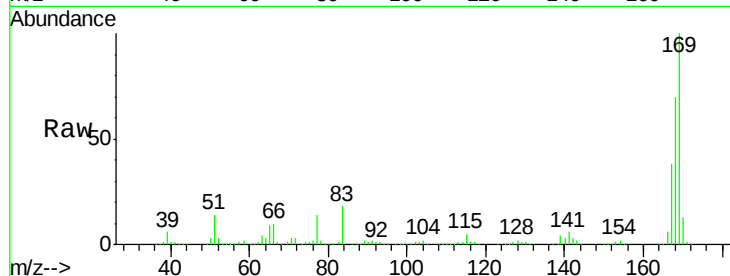




#65
 n-Nitrosodiphenylamine
 Concen: 42.43 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

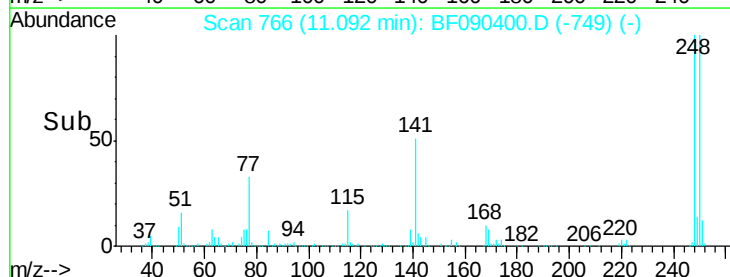
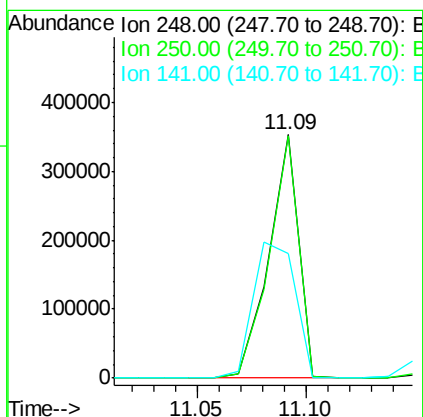
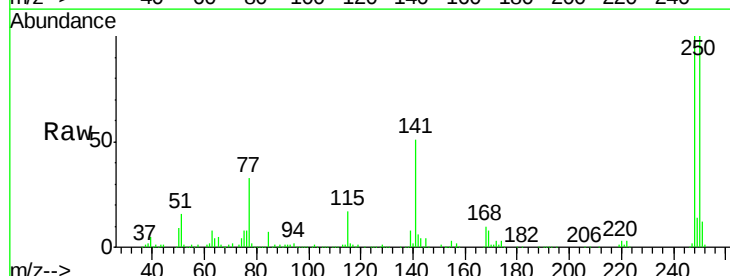
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

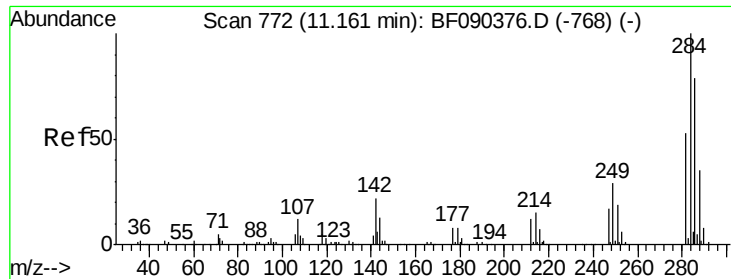
Tgt Ion:169 Resp: 1108209
 Ion Ratio Lower Upper
 169 100
 168 69.6 53.8 80.6
 167 38.4 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 44.29 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Tgt Ion:248 Resp: 338428
 Ion Ratio Lower Upper
 248 100
 250 99.8 76.5 114.7
 141 50.9 59.8 89.6#

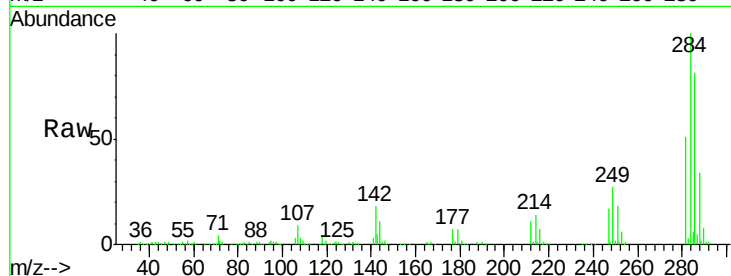




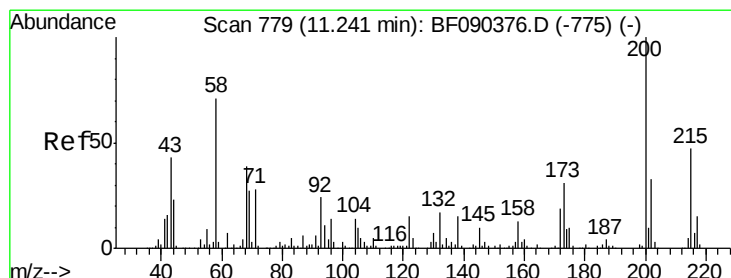
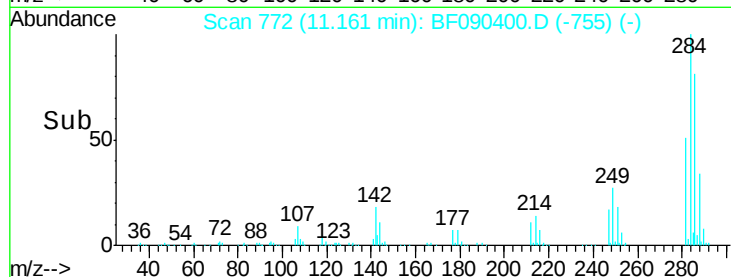
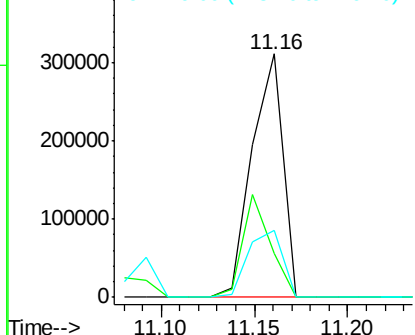
#67
Hexachlorobenzene
Concen: 41.85 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

Tgt Ion:284 Resp: 356113
Ion Ratio Lower Upper
284 100
142 18.1 23.1 34.7#
249 27.4 26.3 39.5

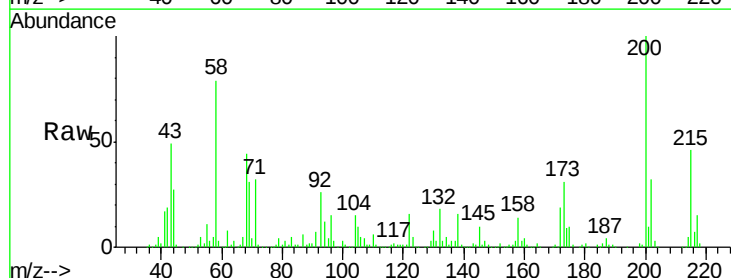


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

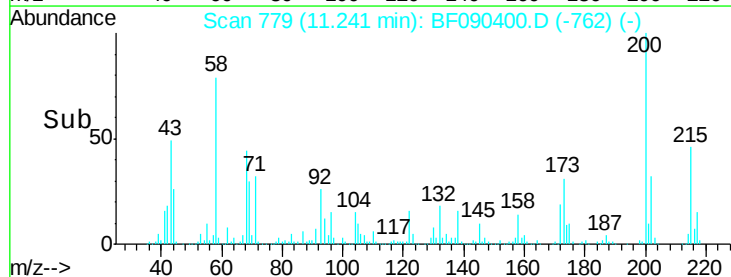
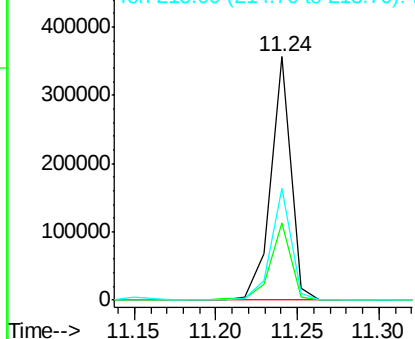


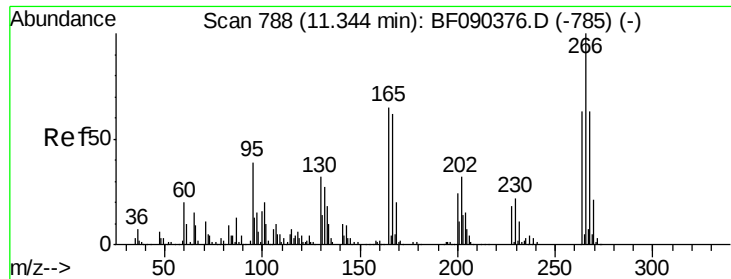
#68
Atrazine
Concen: 47.69 ng
RT: 11.24 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion:200 Resp: 307153
Ion Ratio Lower Upper
200 100
173 31.5 9.0 49.0
215 45.8 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

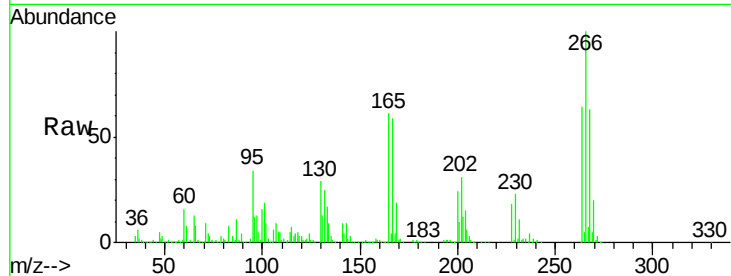




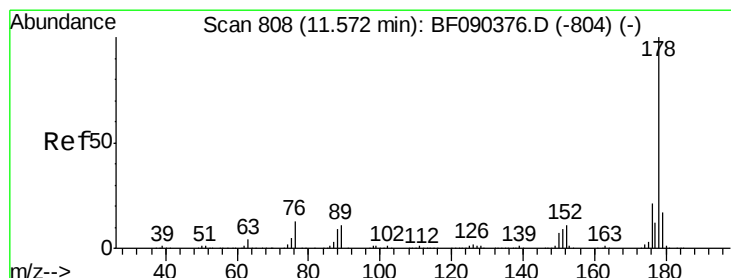
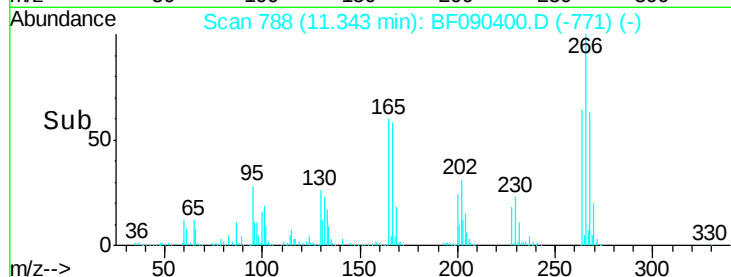
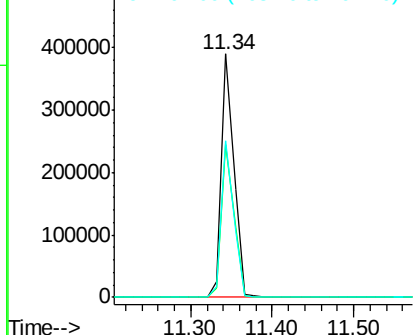
#69
 Pentachlorophenol
 Concen: 81.34 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

Tgt Ion: 266 Resp: 411974
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.9 76.3
 264 64.4 51.5 77.3

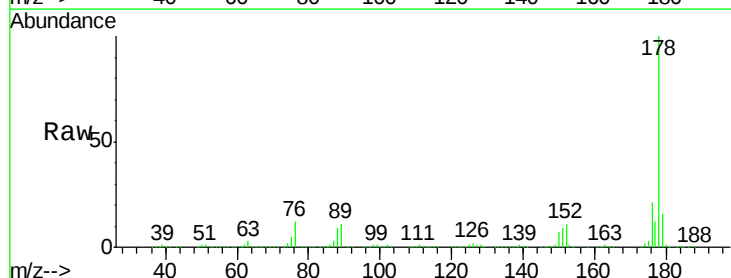


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

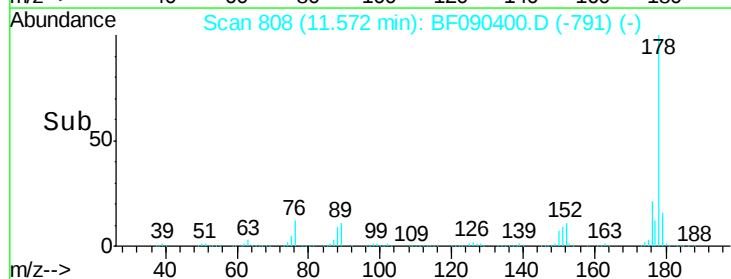
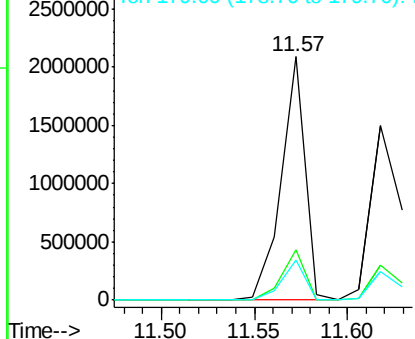


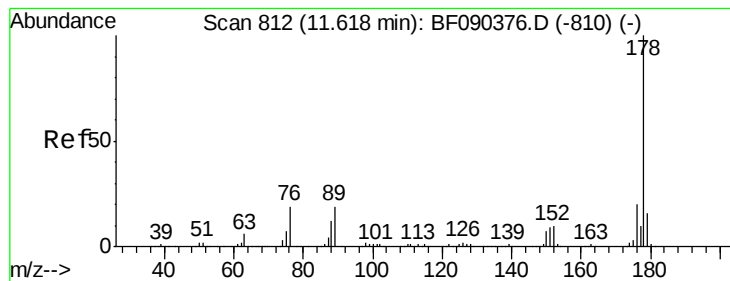
#70
 Phenanthrene
 Concen: 46.43 ng
 RT: 11.57 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Tgt Ion: 178 Resp: 1853072
 Ion Ratio Lower Upper
 178 100
 176 20.9 17.3 25.9
 179 16.5 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: 40.03 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

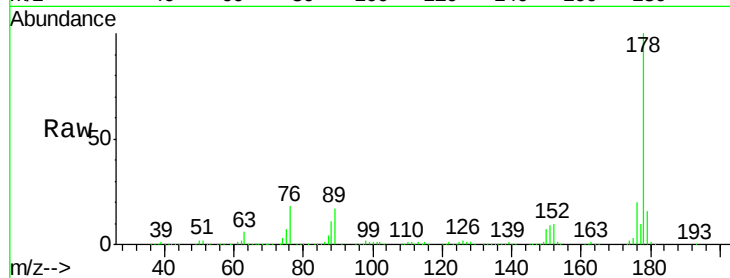
Tgt Ion:178 Resp: 1631568

Ion Ratio Lower Upper

178 100

176 20.1 16.8 25.2

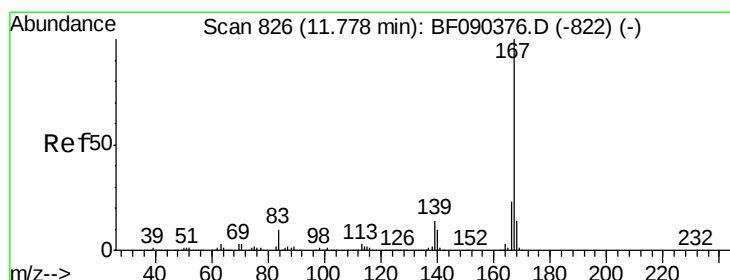
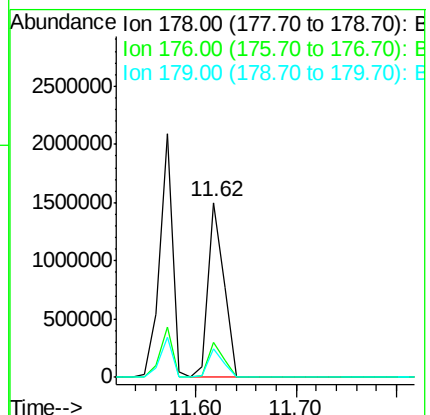
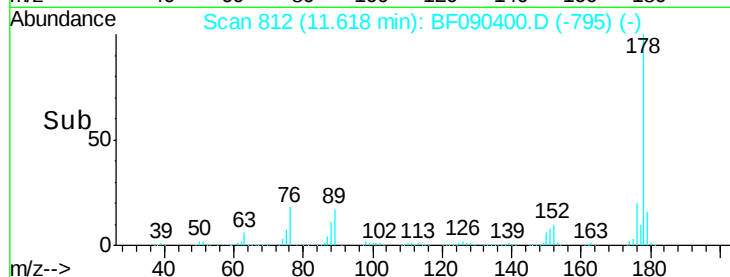
179 16.3 13.4 20.2



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: 44.97 ng

RT: 11.78 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

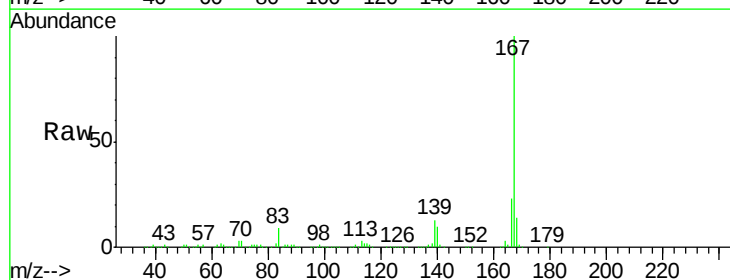
Tgt Ion:167 Resp: 1702954

Ion Ratio Lower Upper

167 100

166 22.7 19.1 28.7

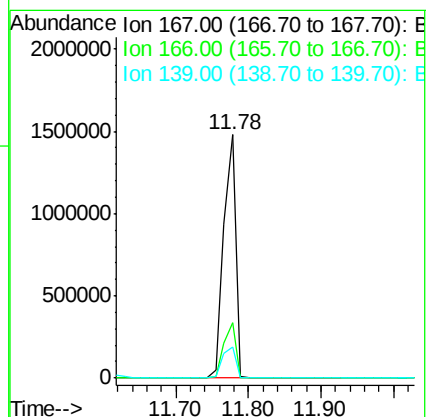
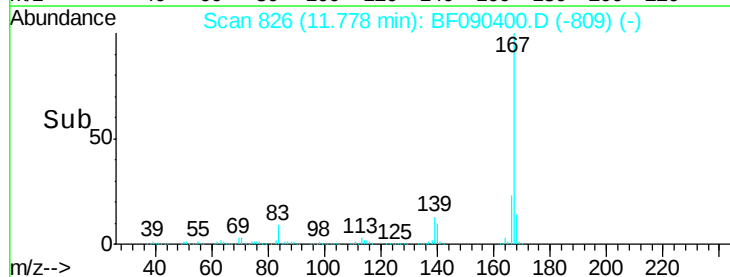
139 12.9 12.1 18.1

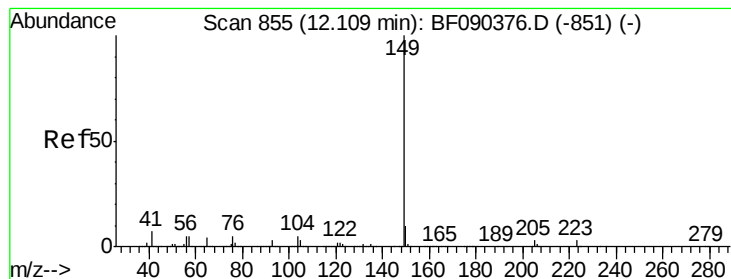


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.18 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

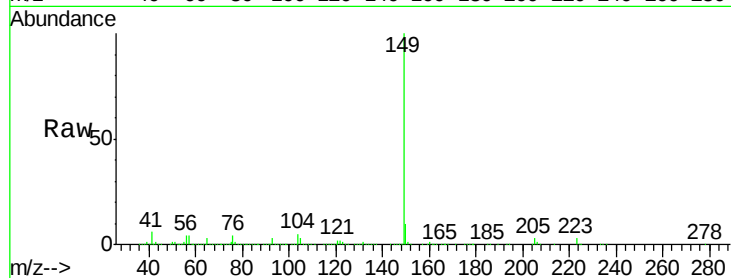
Tgt Ion:149 Resp: 2128175

Ion Ratio Lower Upper

149 100

150 10.0 8.6 12.8

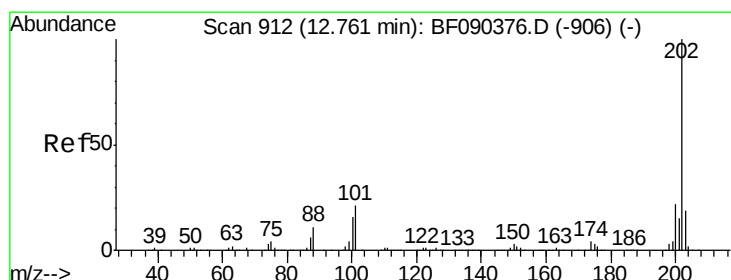
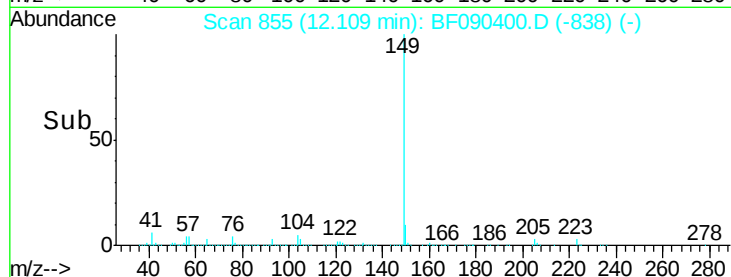
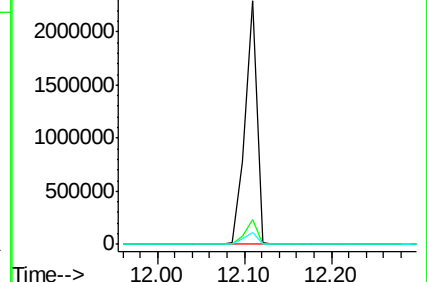
104 4.6 4.7 7.1#



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: 41.45 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

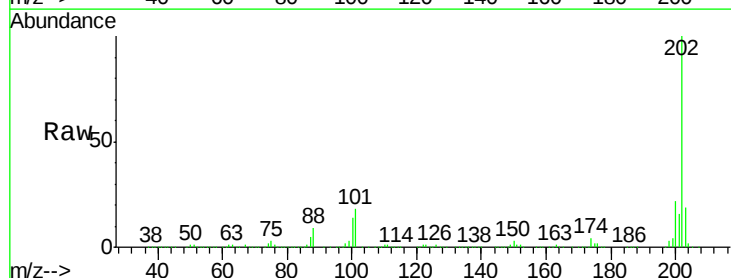
Tgt Ion:202 Resp: 1622907

Ion Ratio Lower Upper

202 100

101 17.9 0.0 37.2

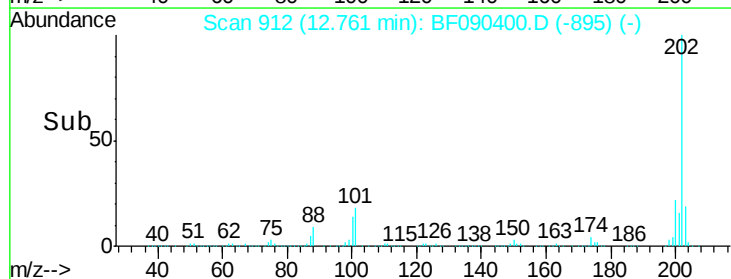
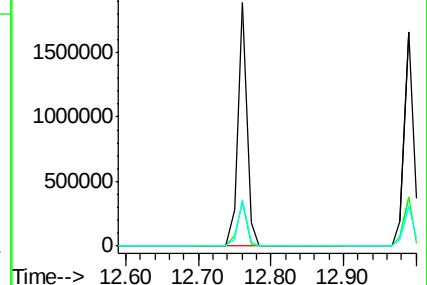
203 19.0 0.0 39.3

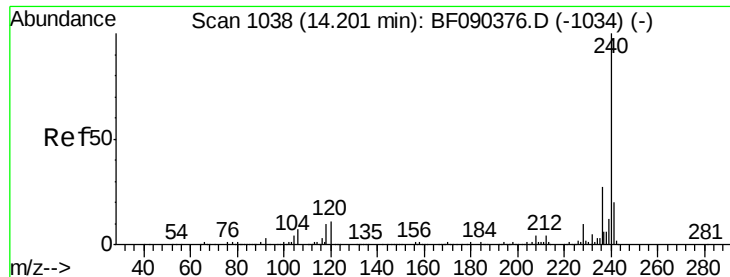


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

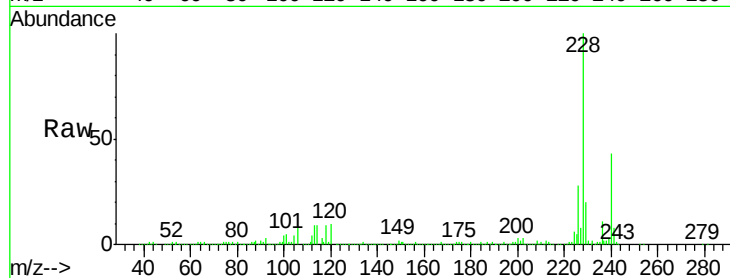
Tgt Ion:240 Resp: 517362

Ion Ratio Lower Upper

240 100

120 24.1 8.6 13.0#

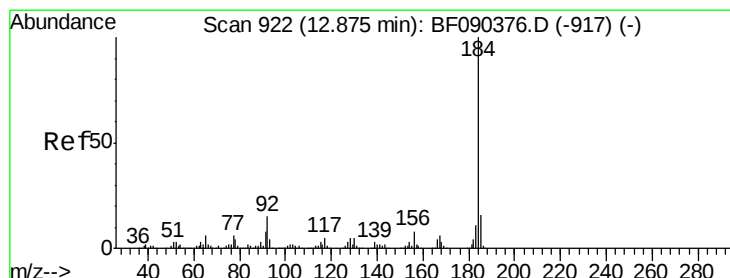
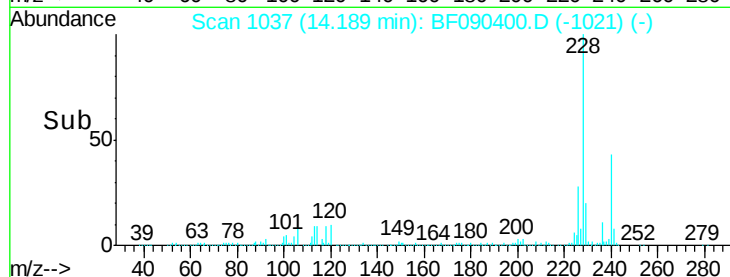
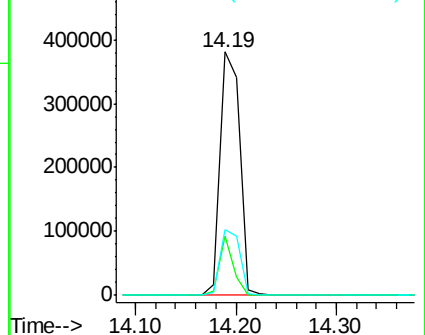
236 26.9 21.6 32.4



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: 52.36 ng

RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

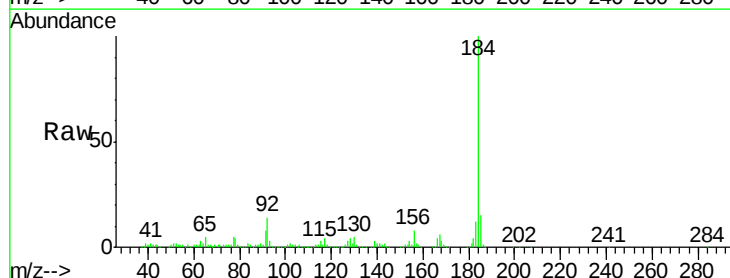
Tgt Ion:184 Resp: 712225

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

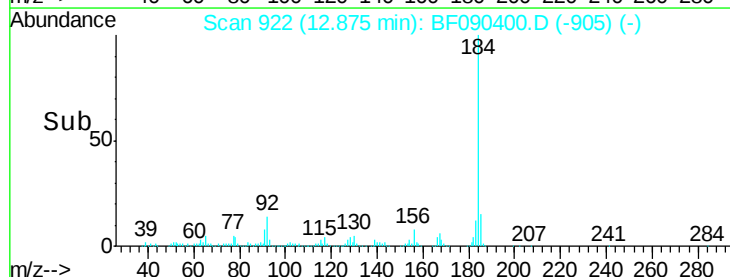
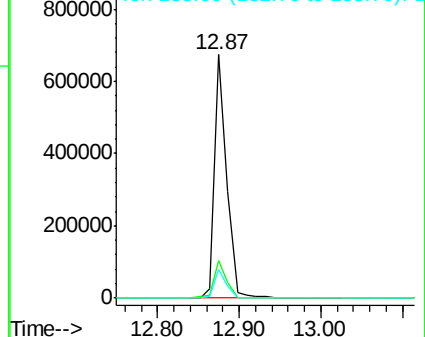
183 11.6 9.6 14.4

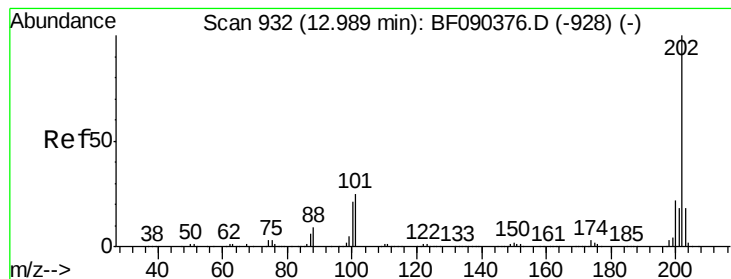


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.31 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

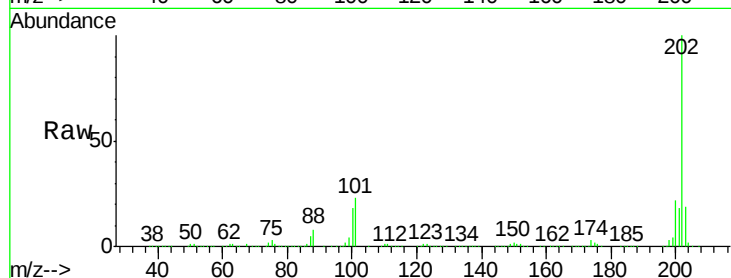
Tgt Ion:202 Resp: 1528522

Ion Ratio Lower Upper

202 100

200 22.4 18.5 27.7

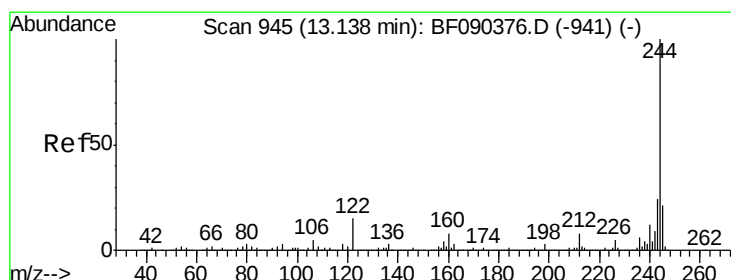
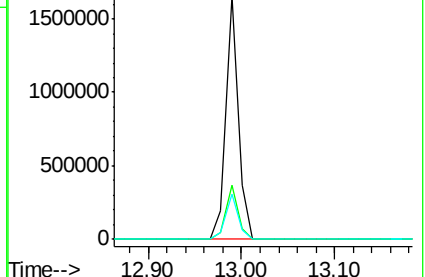
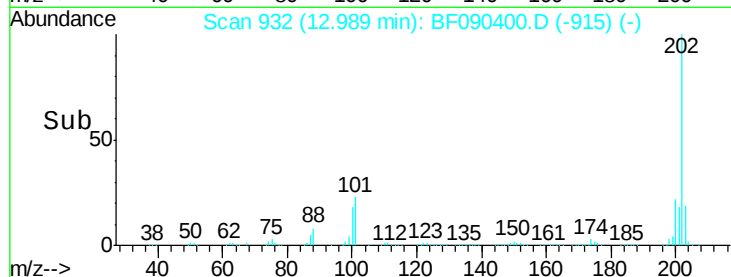
203 18.7 15.0 22.6



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: 85.36 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

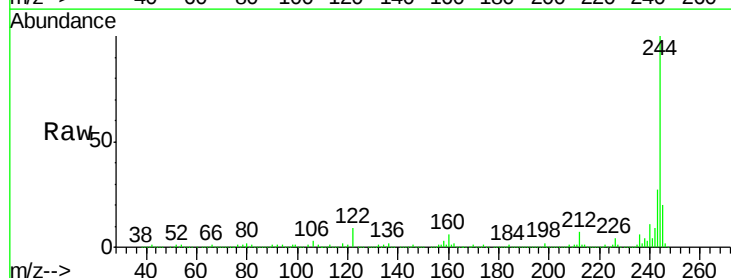
Tgt Ion:244 Resp: 1964387

Ion Ratio Lower Upper

244 100

212 6.9 6.8 10.2

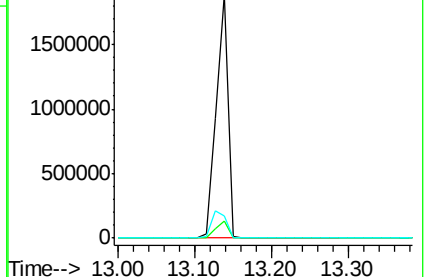
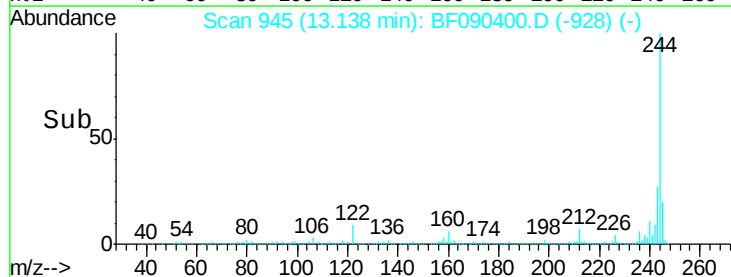
122 9.4 13.3 19.9#

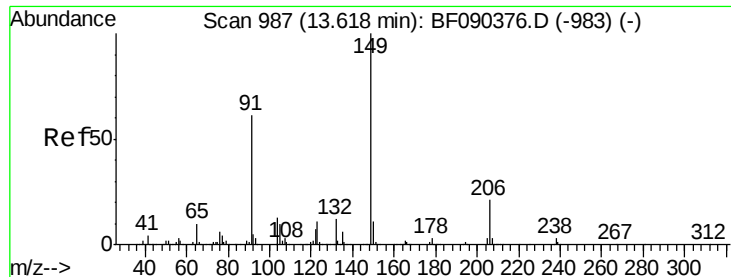


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

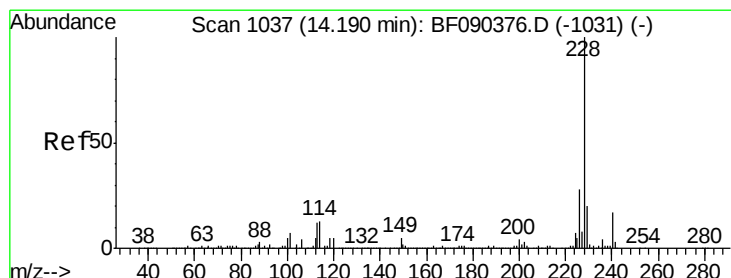
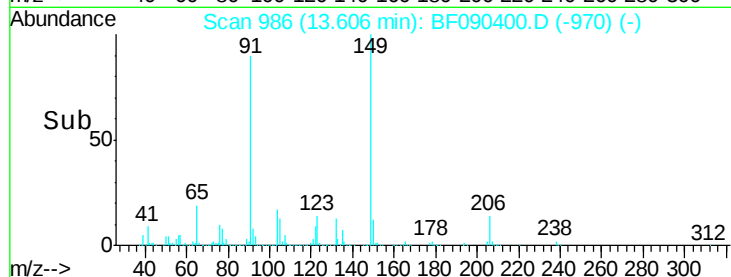
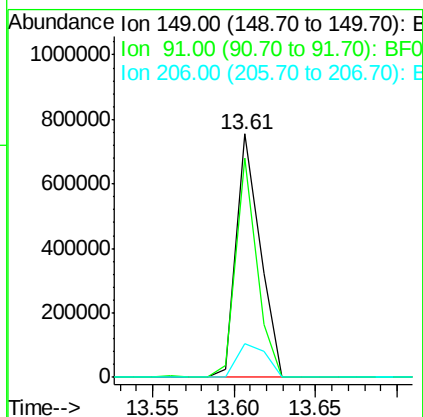
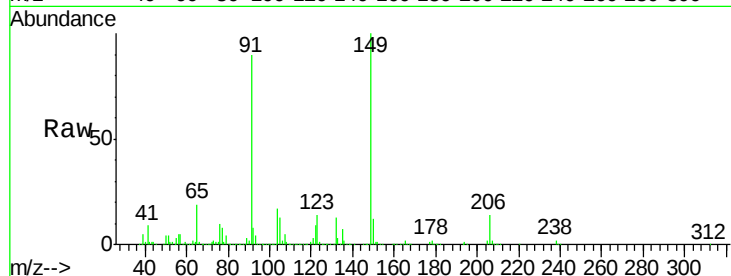




#79
Butylbenzylphthalate
Concen: 42.94 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

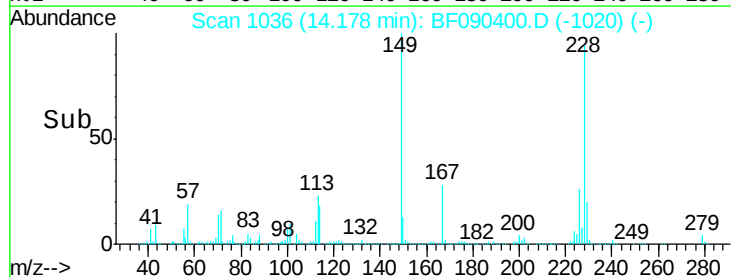
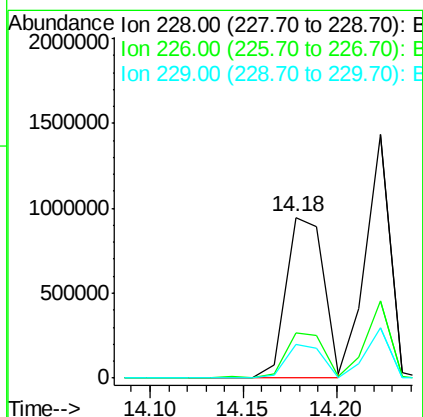
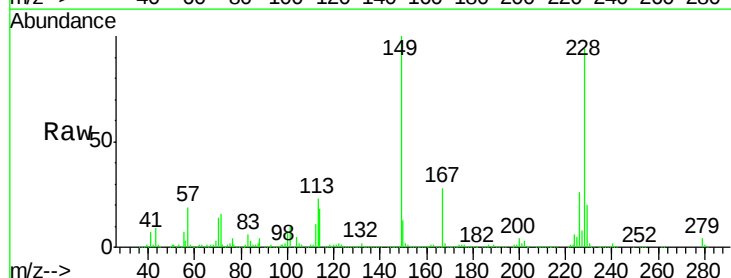
Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

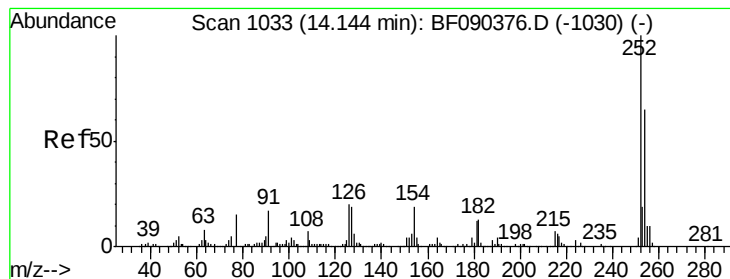
Tgt Ion:149 Resp: 760037
Ion Ratio Lower Upper
149 100
91 90.3 51.8 77.8#
206 14.1 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 45.98 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion:228 Resp: 1334725
Ion Ratio Lower Upper
228 100
226 28.0 23.6 35.4
229 20.9 16.6 25.0

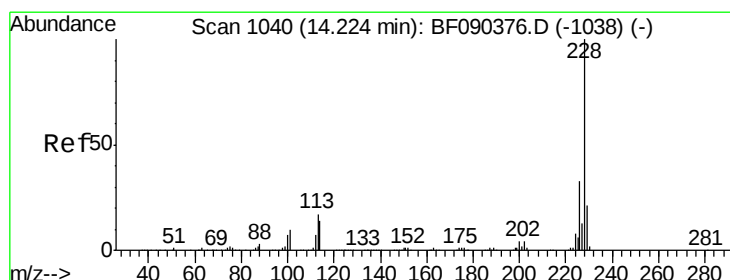
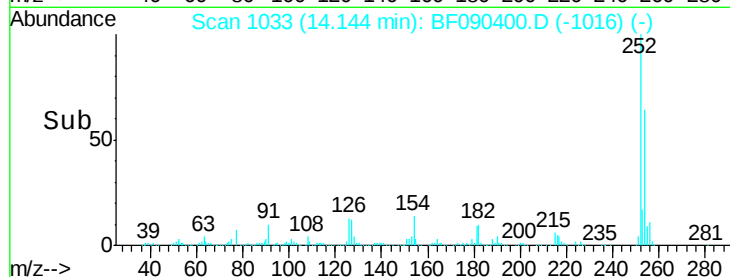
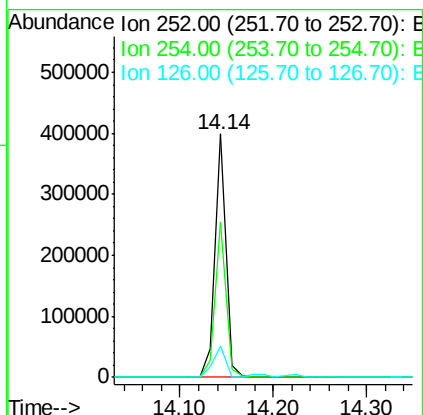
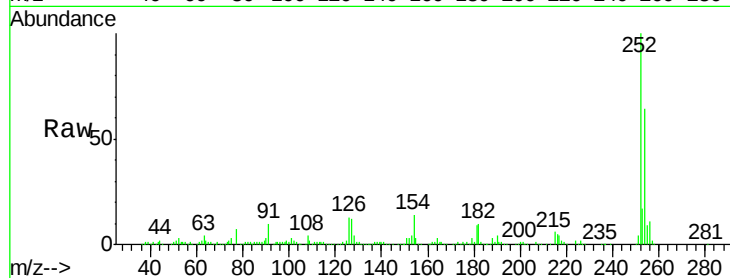




#81
 3,3'-Dichlorobenzidine
 Concen: 30.82 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

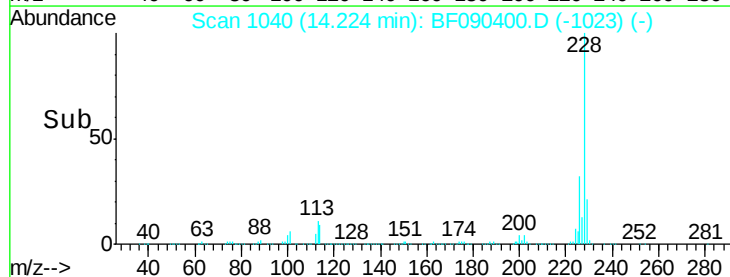
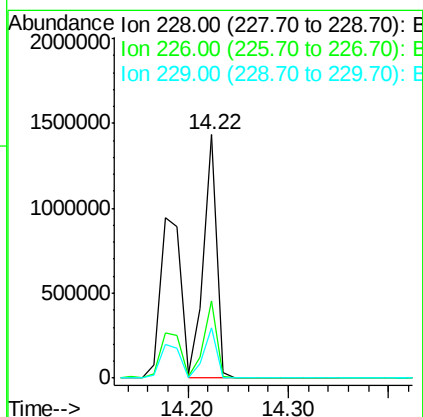
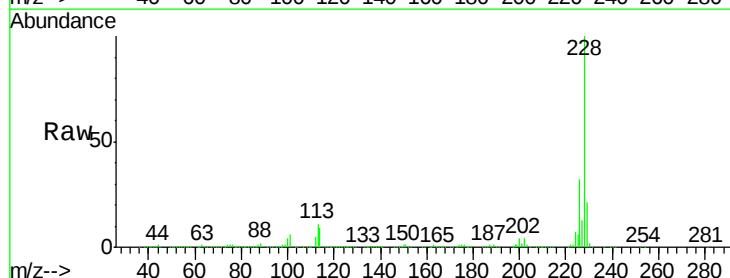
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

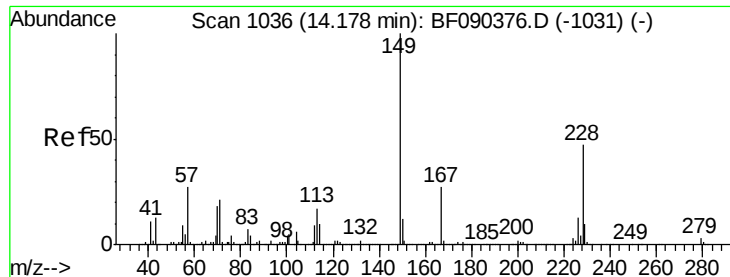
Tgt Ion:252 Resp: 324319
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.1 78.1
 126 12.6 4.2 6.4#



#82
 Chrysene
 Concen: 48.45 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Tgt Ion:228 Resp: 1294337
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.8 38.6
 229 20.6 16.9 25.3

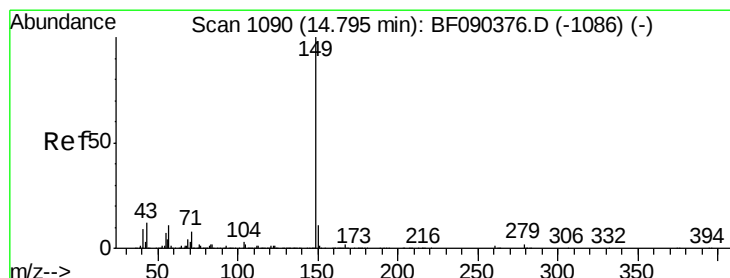
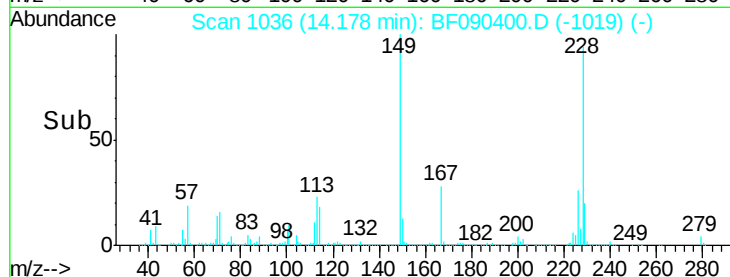
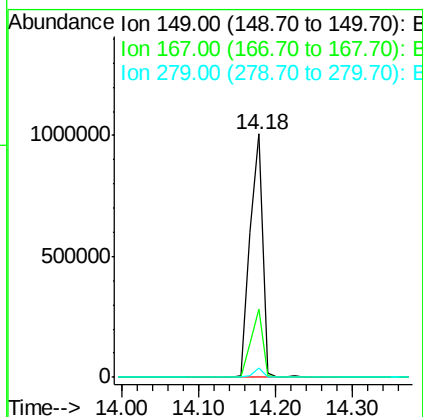
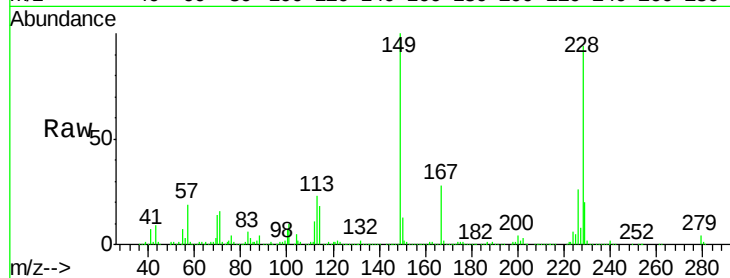




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.78 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

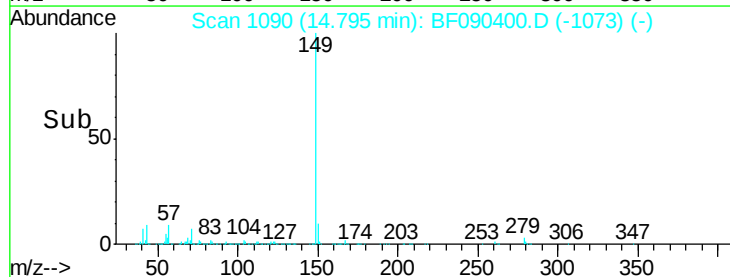
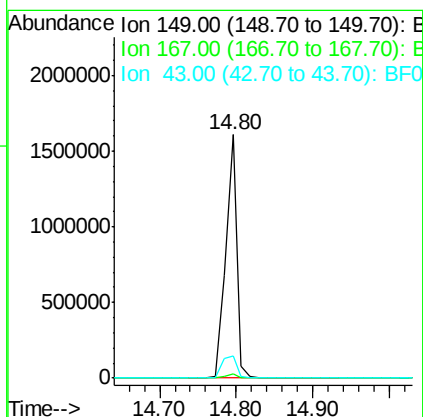
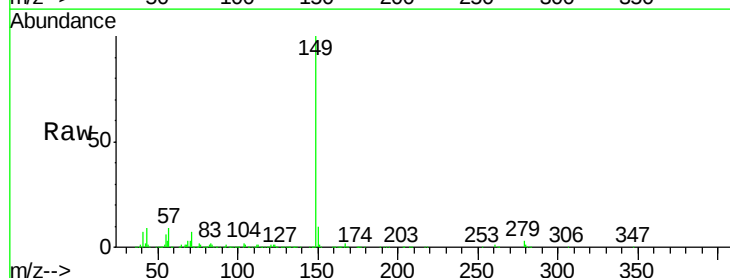
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

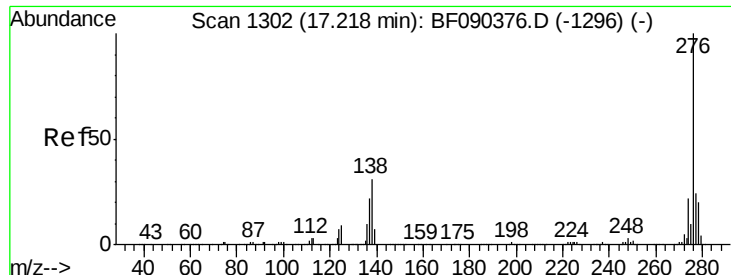
Tgt Ion:149 Resp: 1126618
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.5 32.3
 279 4.0 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 44.03 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Tgt Ion:149 Resp: 1642213
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.8 11.8 17.8#

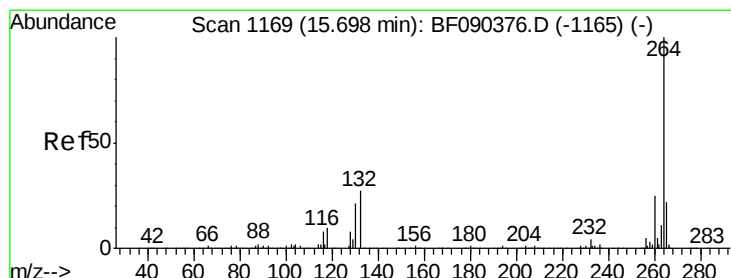
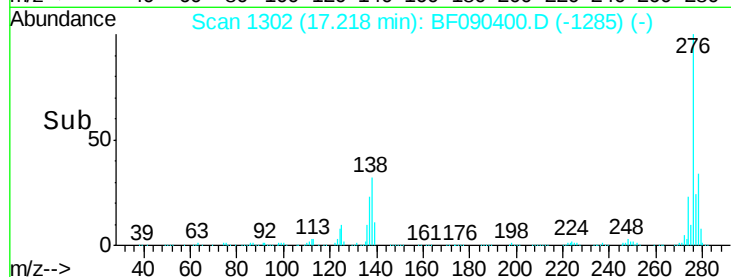
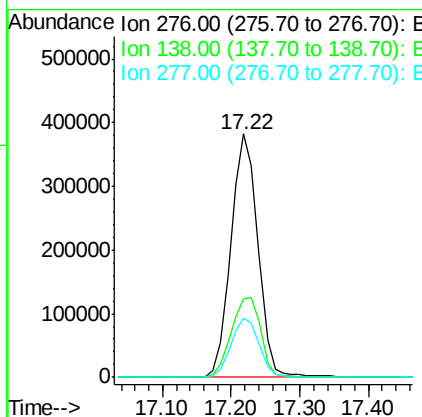
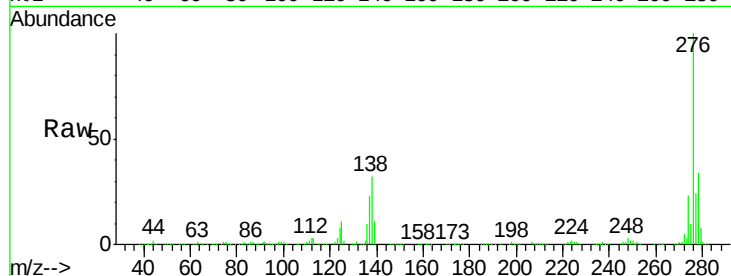




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.22 ng
 RT: 17.22 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

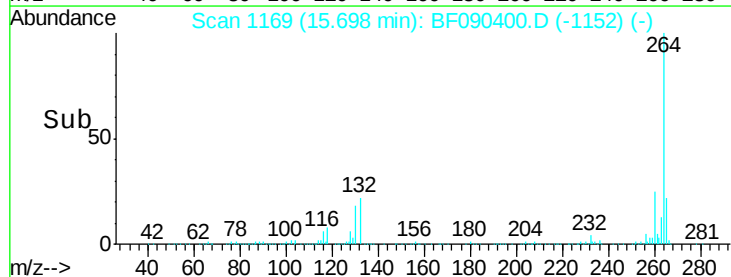
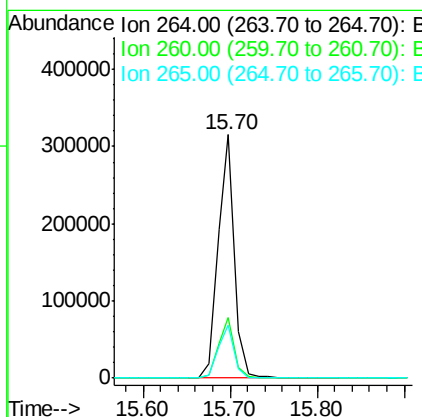
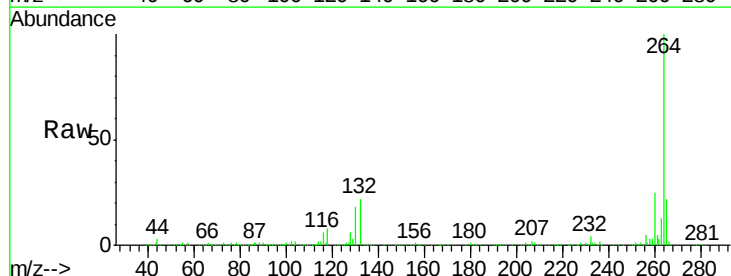
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MS

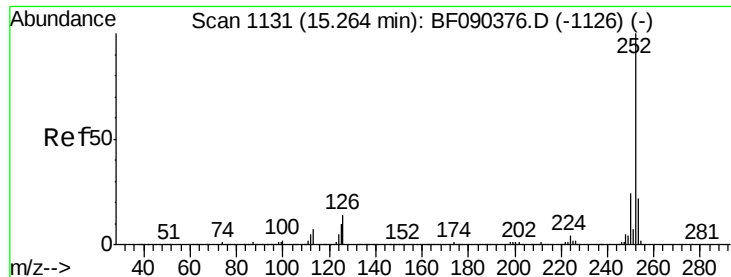
Tgt Ion: 276 Resp: 1051788
 Ion Ratio Lower Upper
 276 100
 138 36.2 23.8 35.8#
 277 25.2 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090400.D
 Acq: 6 Oct 2016 00:40

Tgt Ion: 264 Resp: 412307
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.3 28.9
 265 22.0 17.4 26.0

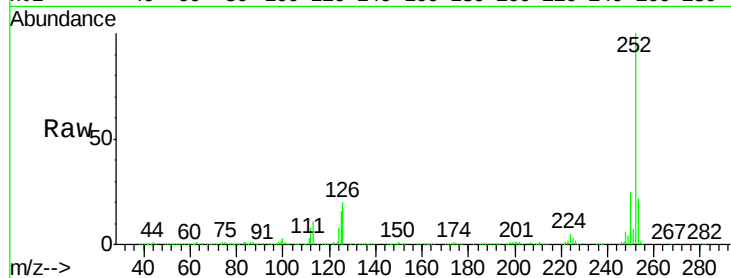




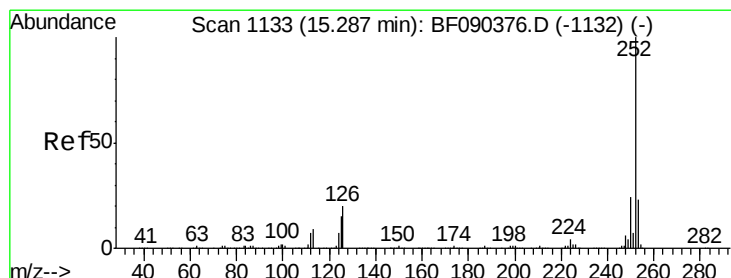
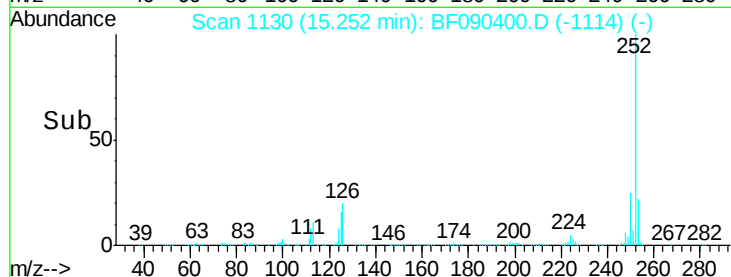
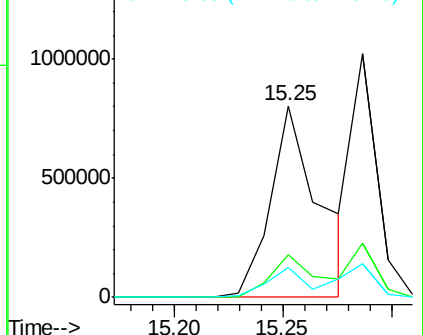
#87
Benzo(b)fluoranthene
Concen: 47.95 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

Tgt Ion:252 Resp: 1259221
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 15.9 7.0 10.4#

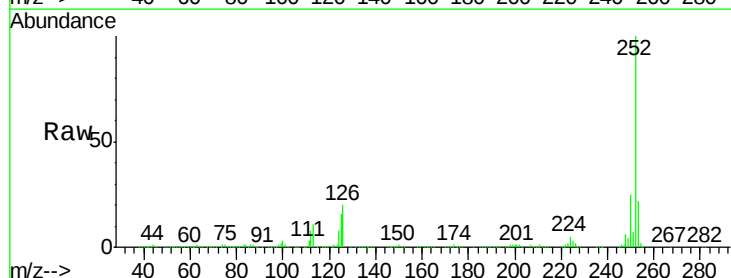


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

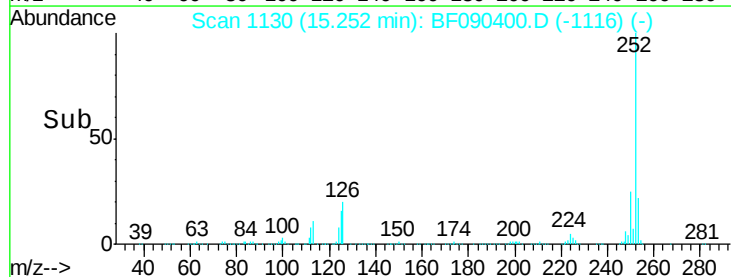
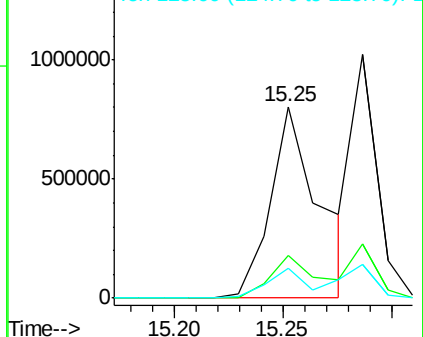


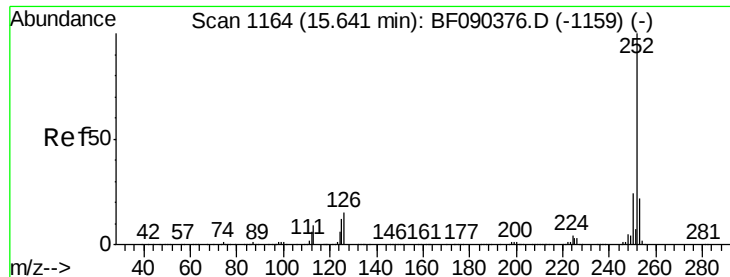
#88
Benzo(k)fluoranthene
Concen: 51.04 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF090400.D
Acq: 6 Oct 2016 00:40

Tgt Ion:252 Resp: 1259221
Ion Ratio Lower Upper
252 100
253 22.3 18.6 27.8
125 15.9 11.7 17.5



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





#89

Benzo(a)pyrene

Concen: 43.42 ng

RT: 15.63 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

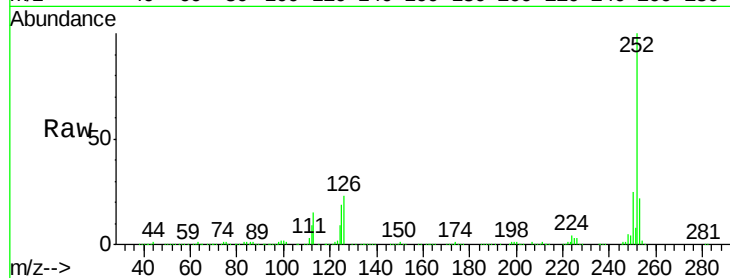
Tgt Ion:252 Resp: 982776

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

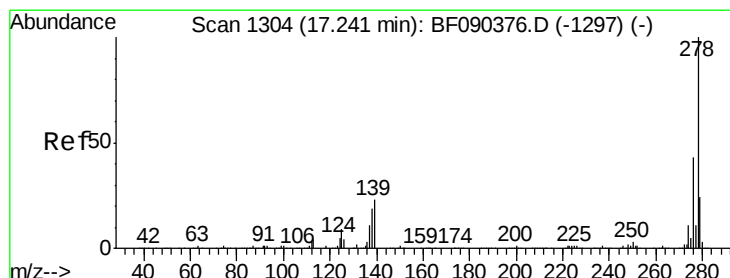
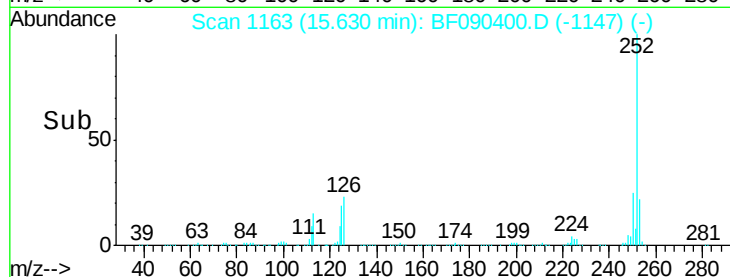
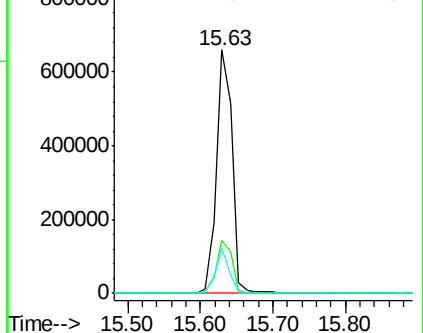
125 18.7 9.8 14.8#



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: 47.01 ng

RT: 17.24 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

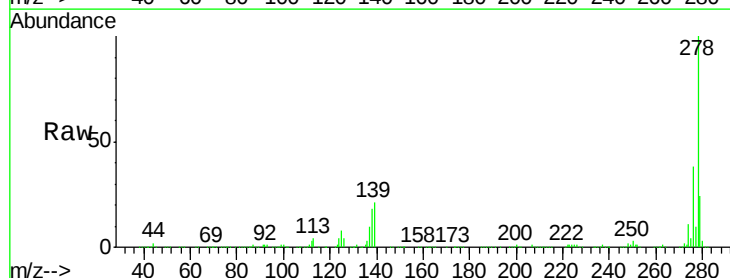
Tgt Ion:278 Resp: 905339

Ion Ratio Lower Upper

278 100

139 20.6 12.8 19.2#

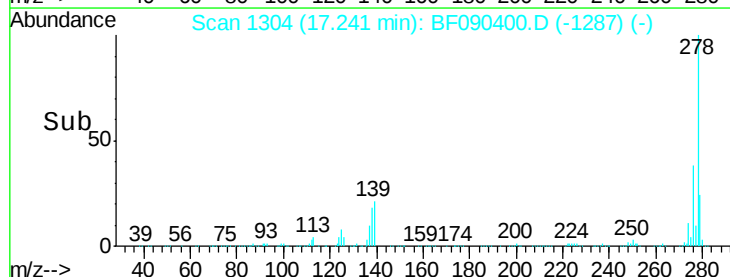
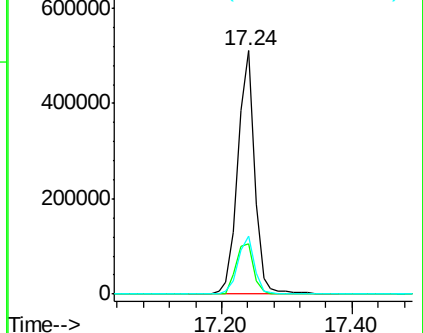
279 23.9 19.6 29.4

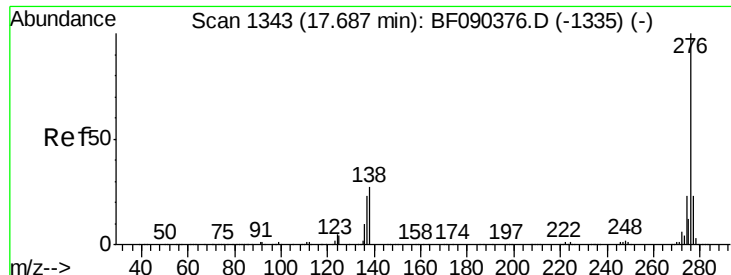


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.75 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF090400.D

Acq: 6 Oct 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MS

Tgt Ion: 276 Resp: 863908

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 32.6 20.8 31.2#

