

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090401.D
 Acq On : 6 Oct 2016 1:07
 Operator : UM/SJ
 Sample : H5061-28MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 06 02:14:44 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	236735	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	998732	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	491828	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	790097	20.00	ng	0.00
75) Chrysene-d12	14.19	240	537098	20.00	ng	-0.01
86) Perylene-d12	15.70	264	427861	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1790232	112.86	ng	0.01
7) Phenol-d6	6.62	99	2351572	113.19	ng	0.00
23) Nitrobenzene-d5	7.57	82	1539965	75.00	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	520322	130.11	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2011680	68.15	ng	-0.01
78) Terphenyl-d14	13.14	244	1918501	80.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	234585	30.00	ng	# 94
3) Pyridine	3.54	79	739516	33.92	ng	# 84
4) n-Nitrosodimethylamine	3.47	42	338409	37.61	ng	# 66
6) Aniline	6.66	93	884978	30.84	ng	97
8) 2-Chlorophenol	6.78	128	614617	35.21	ng	85
9) Benzaldehyde	6.54	77	292571	27.86	ng	87
10) Phenol	6.65	94	921554	38.15	ng	90
11) bis(2-Chloroethyl)ether	6.74	93	729559	39.45	ng	96
12) 1,3-Dichlorobenzene	7.02	146	671118	38.57	ng	97
13) 1,4-Dichlorobenzene	7.02	146	671118	37.97	ng	97
14) 1,2-Dichlorobenzene	7.17	146	595021	34.94	ng	96
15) Benzyl Alcohol	7.14	79	616817	39.06	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1180873	37.65	ng	92
17) 2-Methylphenol	7.25	107	567853	39.56	ng	99
18) Hexachloroethane	7.53	117	250325	35.93	ng	# 89
19) n-Nitroso-di-n-propylamine	7.41	70	574481	37.71	ng	# 84
20) 3+4-Methylphenols	7.40	107	725253	39.03	ng	92
22) Acetophenone	7.41	105	912848	38.59	ng	# 95
24) Nitrobenzene	7.58	77	721213	35.38	ng	95
25) Isophorone	7.82	82	1398034	37.24	ng	96
26) 2-Nitrophenol	7.90	139	335579	38.25	ng	# 76
27) 2,4-Dimethylphenol	7.94	122	601007	35.23	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	930595	41.92	ng	# 96
29) 2,4-Dichlorophenol	8.14	162	471834	36.37	ng	88
30) 1,2,4-Trichlorobenzene	8.23	180	532371	39.82	ng	98
31) Naphthalene	8.31	128	1796596	37.29	ng	99
32) Benzoic acid	7.99	122	44763	3.77	ng	# 86
33) 4-Chloroaniline	8.36	127	561894	28.21	ng	# 91
34) Hexachlorobutadiene	8.44	225	259308	34.72	ng	97
35) Caprolactam	8.73	113	127192	29.16	ng	# 76
36) 4-Chloro-3-methylphenol	8.84	107	643958	39.65	ng	99
37) 2-Methylnaphthalene	9.01	142	1212754	41.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	471404	36.35	ng	# 97
40) Hexachlorocyclopentadiene	9.16	237	530953	74.70	ng	98

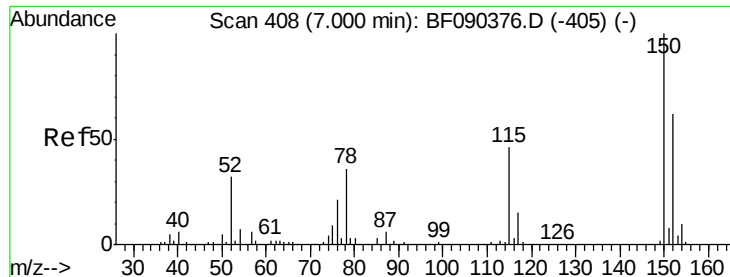
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	363759	40.65	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	308063	36.41	ng	95
45) 1,1'-Biphenyl	9.47	154	1295335	35.54	ng	93
46) 2-Chloronaphthalene	9.50	162	1077813	40.03	ng	# 92
47) 2-Nitroaniline	9.58	65	415670	39.12	ng	# 82
48) Acenaphthylene	9.91	152	1632545	36.74	ng	99
49) Dimethylphthalate	9.78	163	2204440	69.99	ng	99
50) 2,6-Dinitrotoluene	9.83	165	311702	44.57	ng	# 78
51) Acenaphthene	10.09	154	1072181	38.70	ng	99
52) 3-Nitroaniline	9.99	138	263952	32.31	ng	84
53) 2,4-Dinitrophenol	10.10	184	170159	54.57	ng	# 1
54) Dibenzofuran	10.26	168	1411414	39.36	ng	91
55) 4-Nitrophenol	10.15	139	486155	68.02	ng	95
56) 2,4-Dinitrotoluene	10.23	165	393838	42.32	ng	# 39
57) Fluorene	10.60	166	1181672	39.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	268761	42.54	ng	# 78
59) Diethylphthalate	10.47	149	1297859	39.82	ng	# 92
60) 4-Chlorophenyl-phenylether	10.60	204	564427	41.19	ng	# 83
61) 4-Nitroaniline	10.61	138	329315	40.01	ng	94
62) Azobenzene	10.76	77	1713312	45.51	ng	87
64) 4,6-Dinitro-2-methylphenol	10.65	198	188172	36.72	ng	# 55
65) n-Nitrosodiphenylamine	10.71	169	1115882	42.15	ng	98
66) 4-Bromophenyl-phenylether	11.09	248	325095	41.98	ng	# 84
67) Hexachlorobenzene	11.16	284	337740	39.16	ng	# 84
68) Atrazine	11.24	200	317869	48.69	ng	97
69) Pentachlorophenol	11.34	266	395892	77.11	ng	99
70) Phenanthrene	11.57	178	1807826	44.68	ng	98
71) Anthracene	11.62	178	1596620	38.64	ng	98
72) Carbazole	11.78	167	1579198	41.14	ng	# 95
73) Di-n-butylphthalate	12.11	149	2077881	44.48	ng	# 97
74) Fluoranthene	12.76	202	1583802	39.91	ng	99
76) Benzidine	12.88	184	808551	57.25	ng	99
77) Pyrene	12.99	202	1521351	42.48	ng	99
79) Butylbenzylphthalate	13.61	149	757283	41.21	ng	# 72
80) Benzo(a)anthracene	14.18	228	1318465	43.75	ng	98
81) 3,3'-Dichlorobenzidine	14.14	252	365332	33.44	ng	# 98
82) Chrysene	14.22	228	1264434	45.59	ng	98
83) Bis(2-ethylhexyl)phthalate	14.18	149	1102309	42.20	ng	# 97
84) Di-n-octyl phthalate	14.80	149	1660482	42.88	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.22	276	1018299	51.50	ng	# 93
87) Benzo(b)fluoranthene	15.25	252	999457	36.67	ng	# 95
88) Benzo(k)fluoranthene	15.25	252	999457	39.04	ng	99
89) Benzo(a)pyrene	15.63	252	959749	40.86	ng	# 95
90) Dibenzo(a,h)anthracene	17.24	278	869508	43.51	ng	97
91) Benzo(g,h,i)perylene	17.68	276	833136	43.44	ng	95

(#) = 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: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

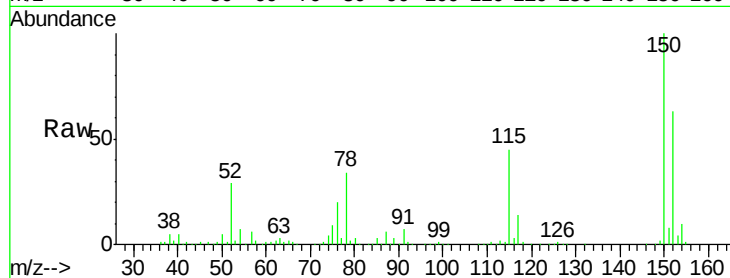
Tgt Ion:152 Resp: 236735

Ion Ratio Lower Upper

152 100

150 157.7 124.6 186.8

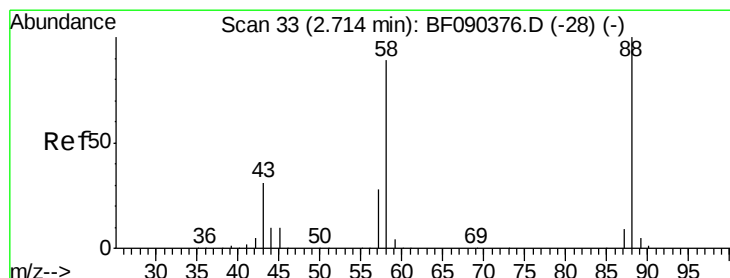
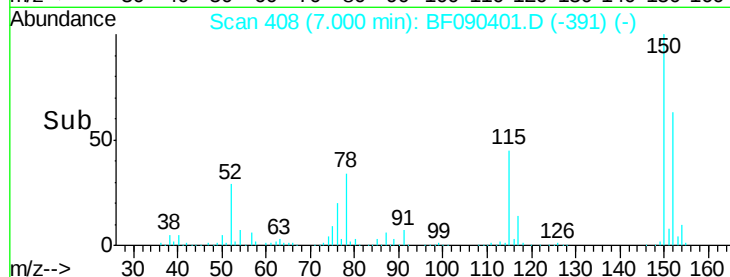
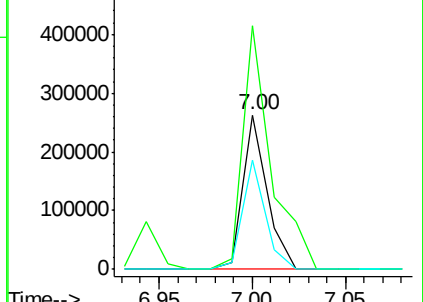
115 70.9 46.2 69.4#



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: 30.00 ng

RT: 2.76 min Scan# 37

Delta R.T. 0.05 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

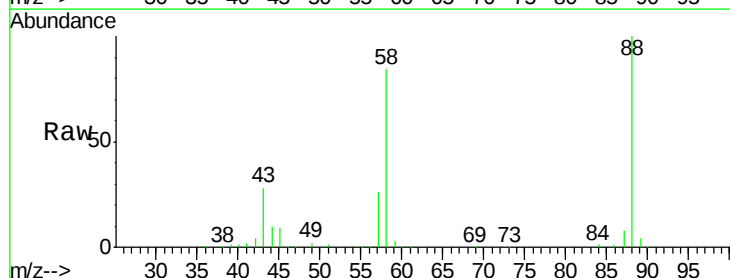
Tgt Ion: 88 Resp: 234585

Ion Ratio Lower Upper

88 100

58 86.2 71.2 106.8

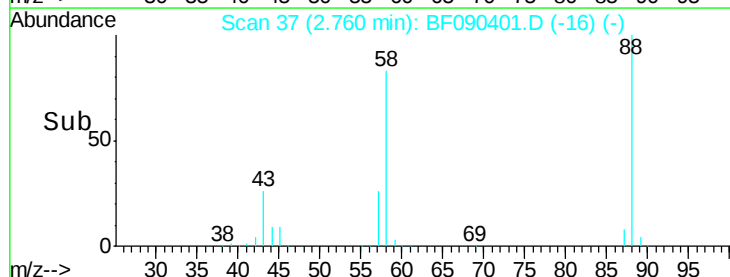
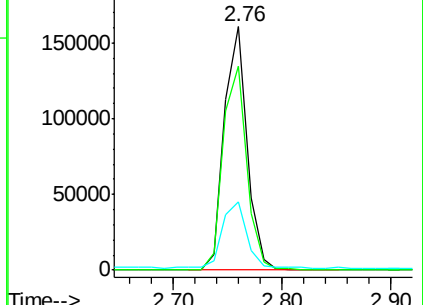
43 29.1 29.8 44.6#

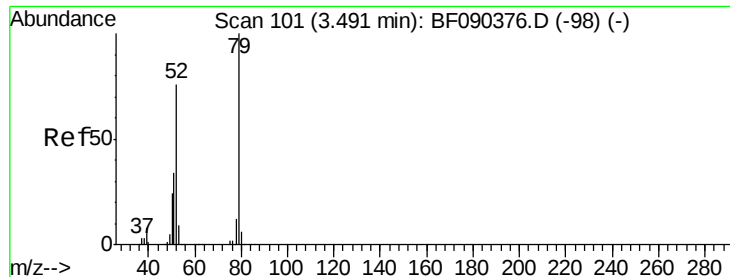


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.92 ng

RT: 3.54 min Scan# 105

Delta R.T. 0.05 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

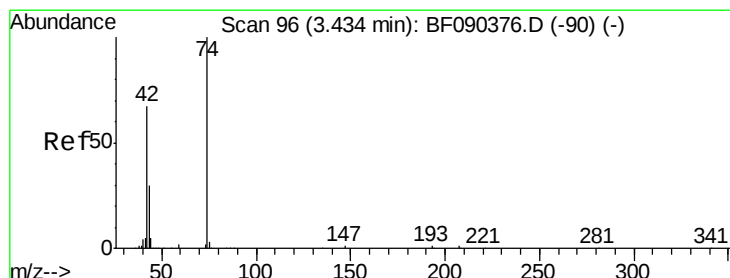
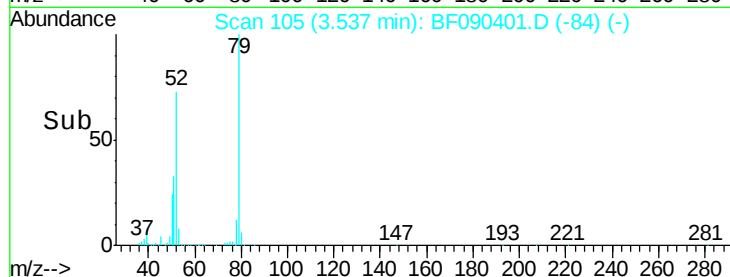
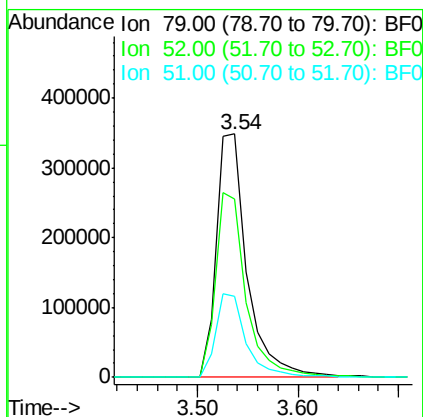
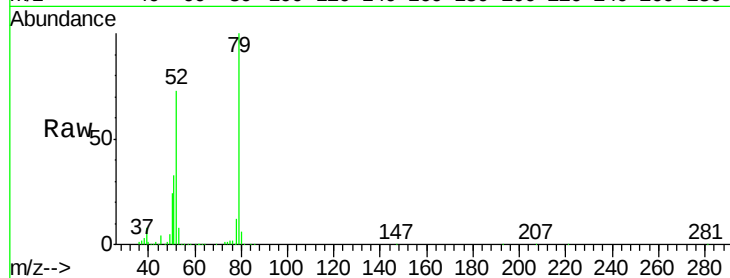
Tgt Ion: 79 Resp: 739516

Ion Ratio Lower Upper

79 100

52 73.1 71.3 106.9

51 33.5 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 37.61 ng

RT: 3.47 min Scan# 99

Delta R.T. 0.03 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

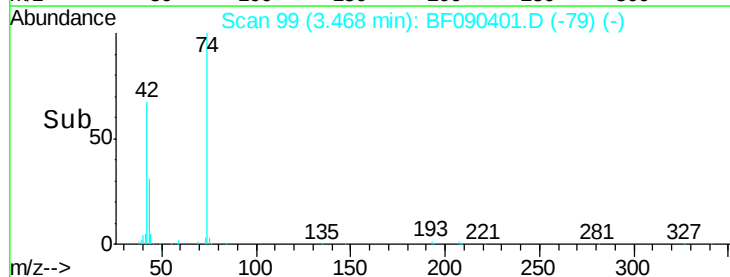
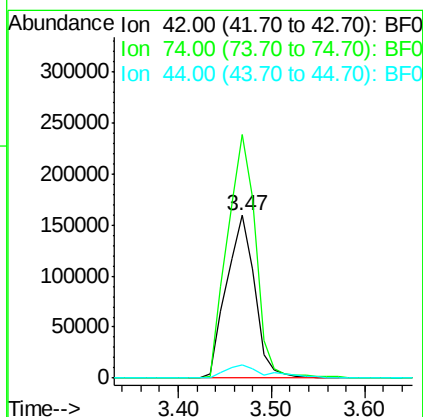
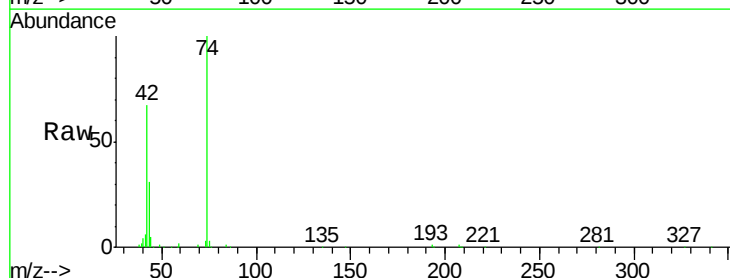
Tgt Ion: 42 Resp: 338409

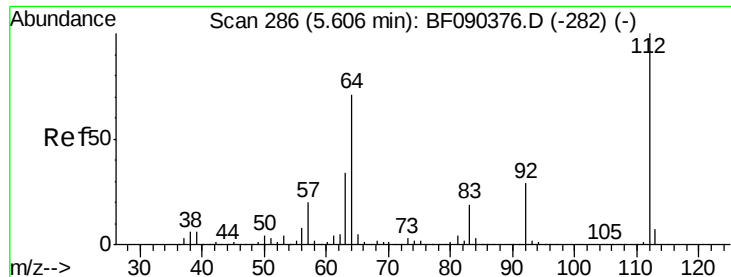
Ion Ratio Lower Upper

42 100

74 149.7 88.9 133.3#

44 8.0 6.5 9.7





#5

2-Fluorophenol

Concen: 112.86 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

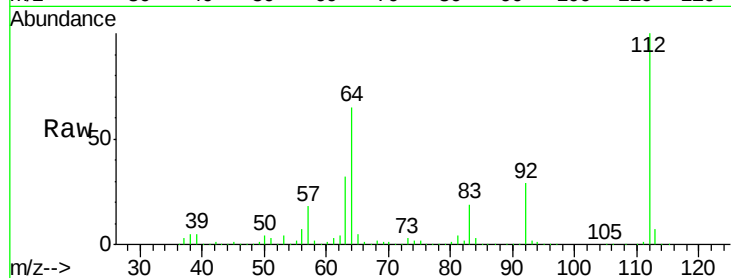
Tgt Ion: 112 Resp: 1790232

Ion Ratio Lower Upper

112 100

64 64.7 57.9 86.9

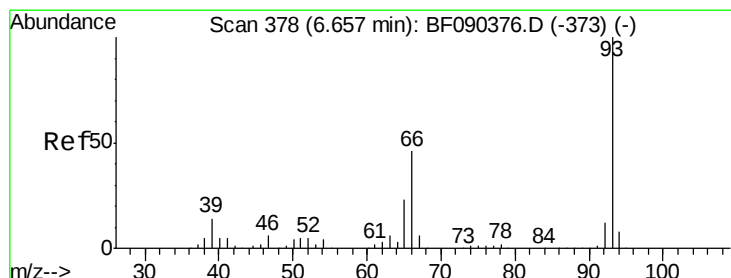
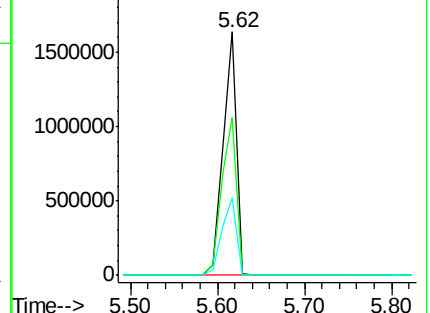
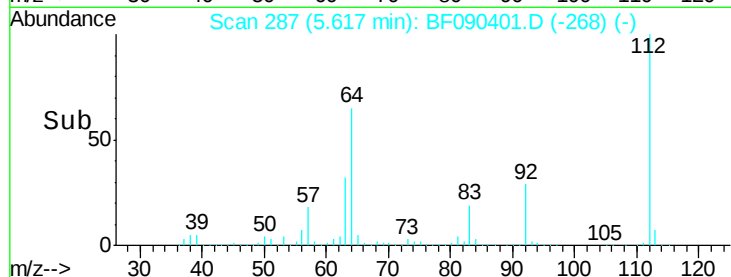
63 31.6 29.6 44.4



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: 30.84 ng

RT: 6.66 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

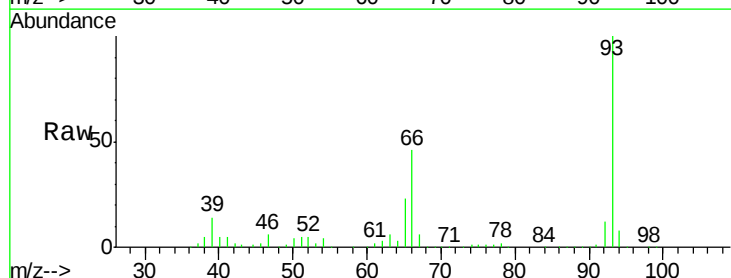
Tgt Ion: 93 Resp: 884978

Ion Ratio Lower Upper

93 100

66 45.8 34.5 51.7

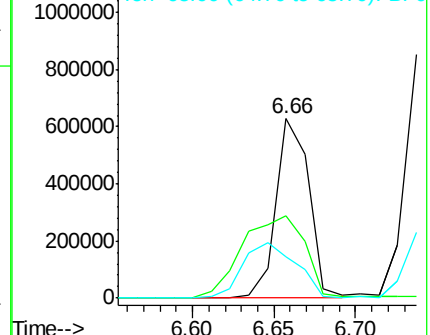
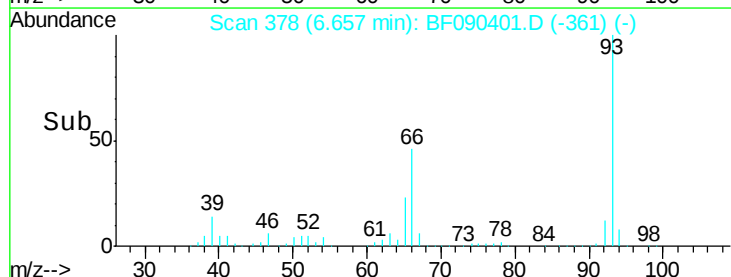
65 23.1 18.2 27.2

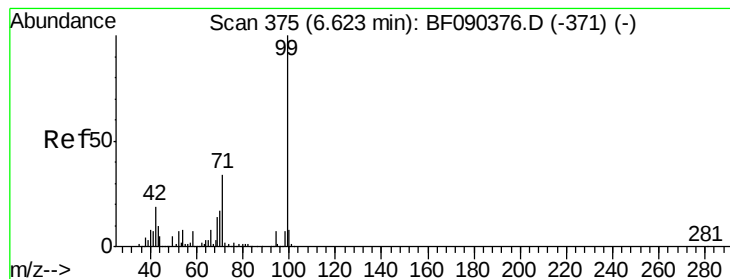


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.19 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

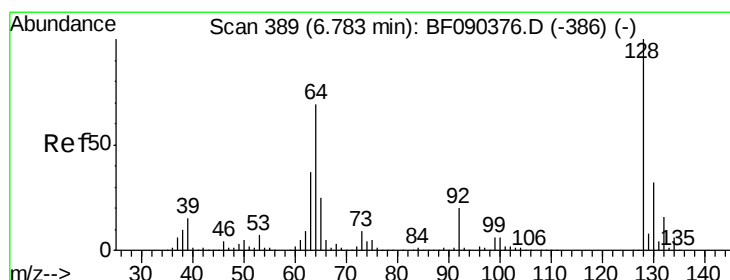
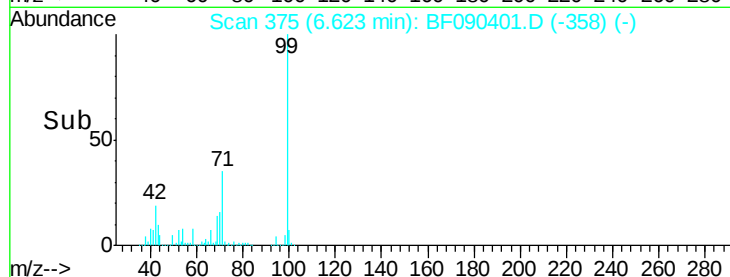
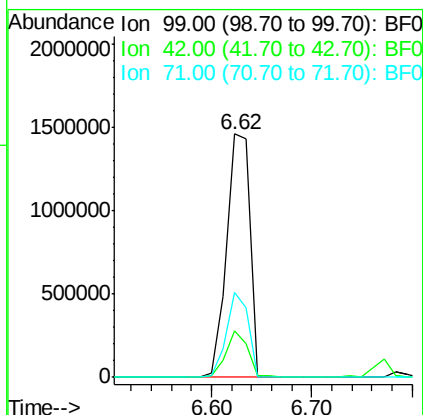
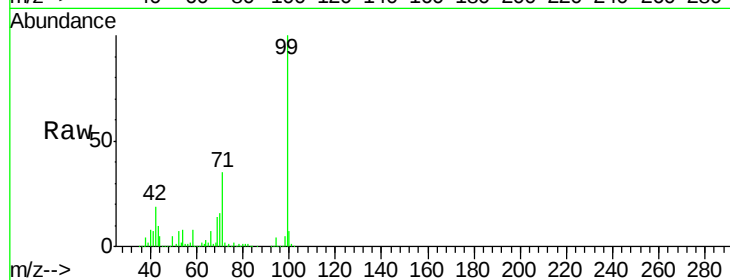
BNA_F

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SUP-B003-5-10MSD

Tgt Ion: 99 Resp: 2351572

Ion	Ratio	Lower	Upper
99	100		
42	18.9	20.0	30.0#
71	34.8	27.9	41.9



#8

2-Chlorophenol

Concen: 35.21 ng

RT: 6.78 min Scan# 389

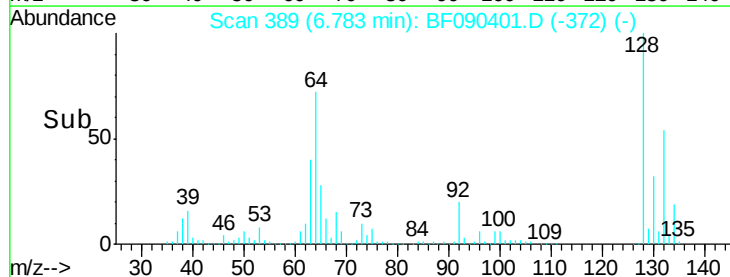
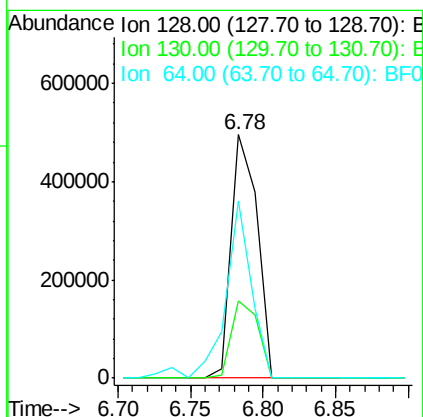
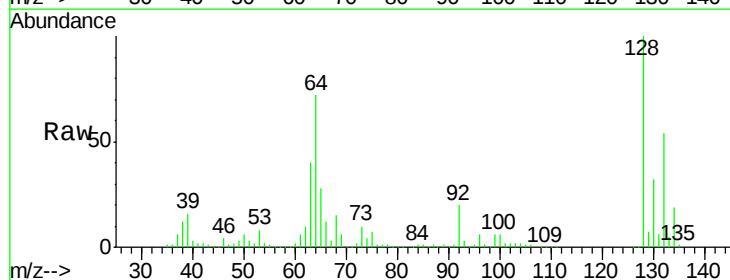
Delta R.T. -0.00 min

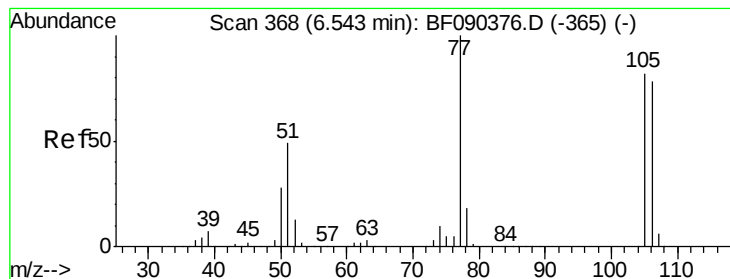
Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion: 128 Resp: 614617

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.3	53.3
64	72.5	36.0	76.0





#9

Benzaldehyde

Concen: 27.86 ng

RT: 6.54 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

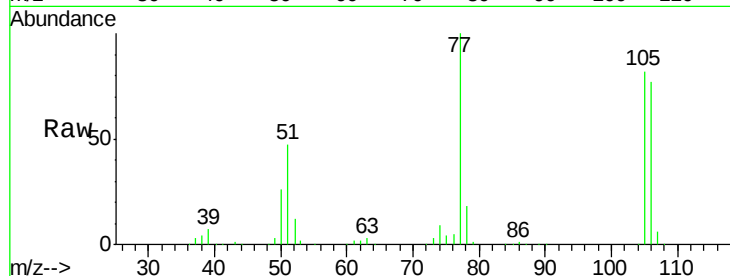
Tgt Ion: 77 Resp: 292571

Ion Ratio Lower Upper

77 100

105 82.2 73.1 113.1

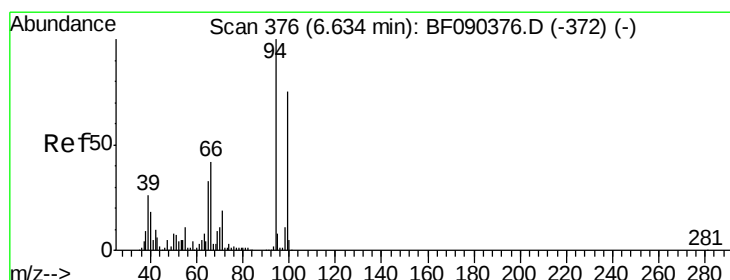
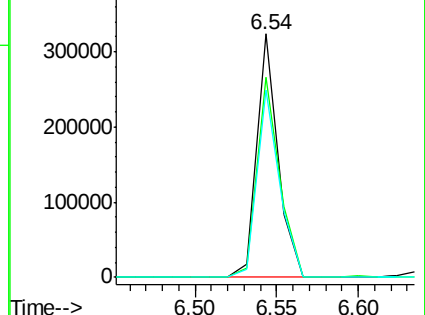
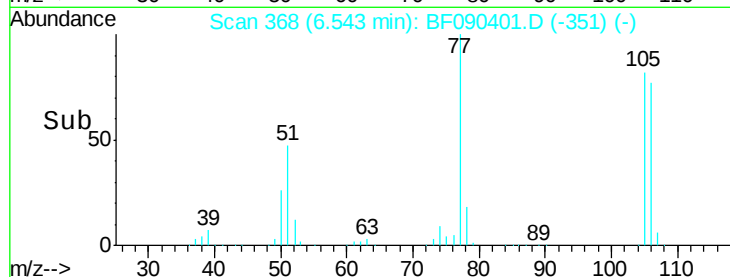
106 77.0 70.2 110.2



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: 38.15 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

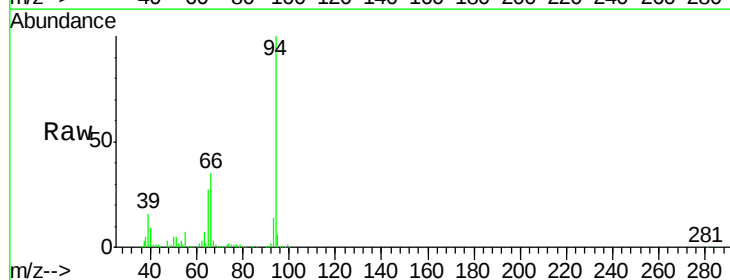
Tgt Ion: 94 Resp: 921554

Ion Ratio Lower Upper

94 100

65 26.7 13.3 53.3

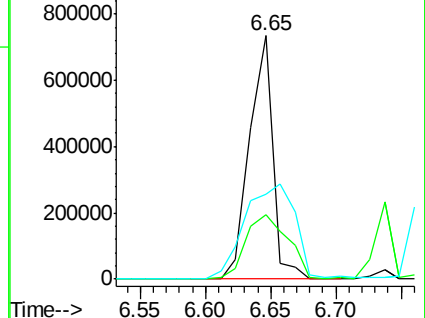
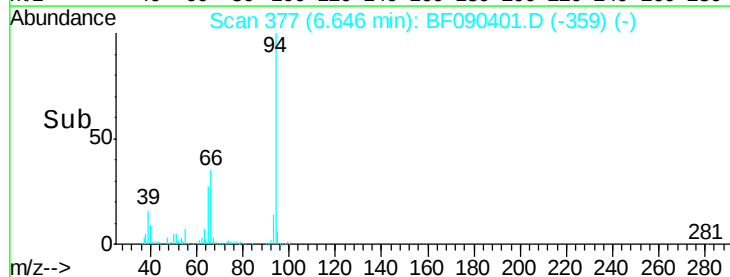
66 34.9 20.4 60.4

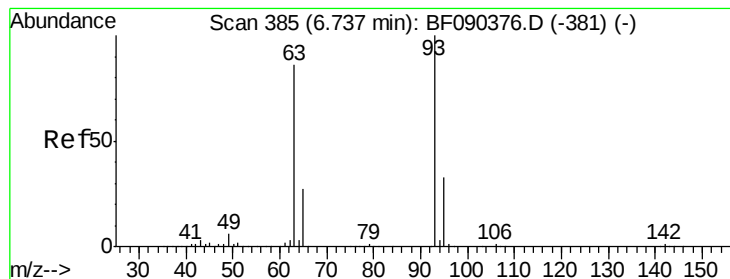


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.45 ng

RT: 6.74 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

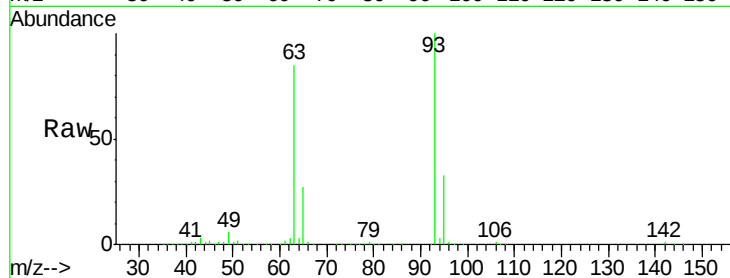
Tgt Ion: 93 Resp: 729559

Ion Ratio Lower Upper

93 100

63 84.5 59.7 99.7

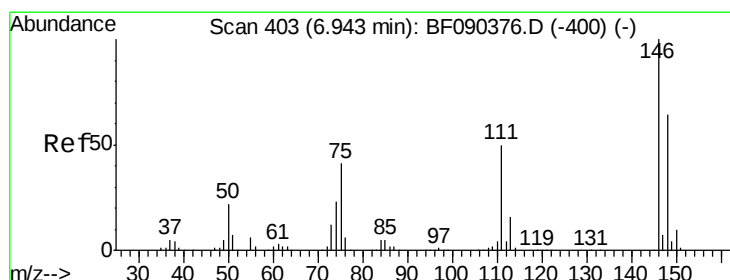
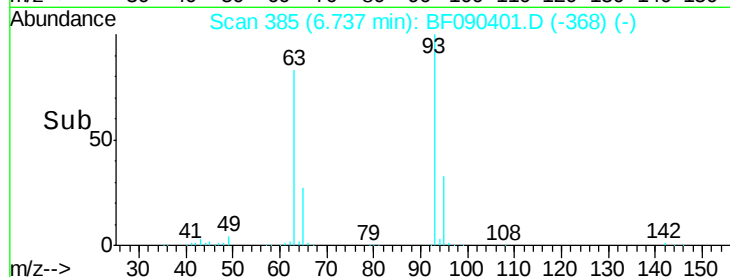
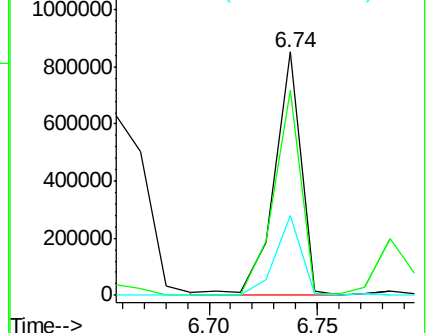
95 32.9 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.57 ng

RT: 7.02 min Scan# 410

Delta R.T. 0.08 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

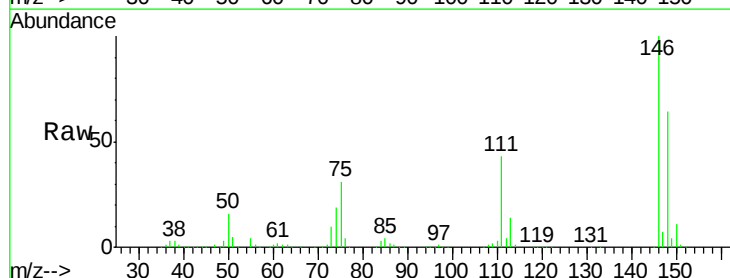
Tgt Ion: 146 Resp: 671118

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.4

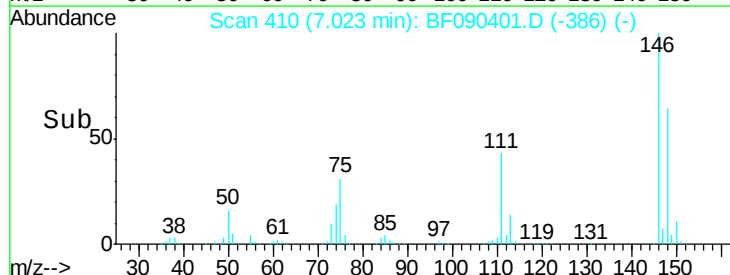
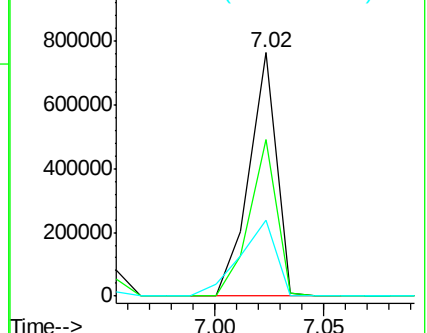
75 31.4 21.4 32.2

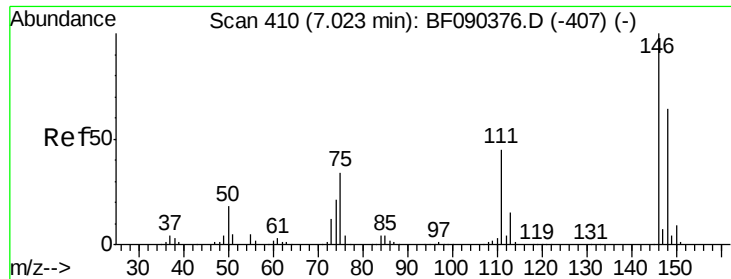


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

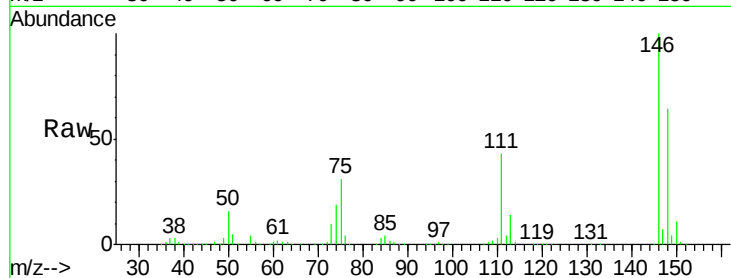




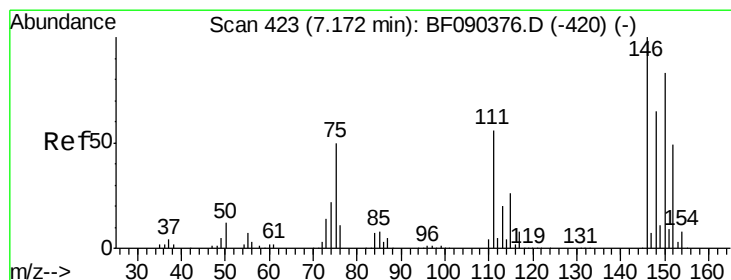
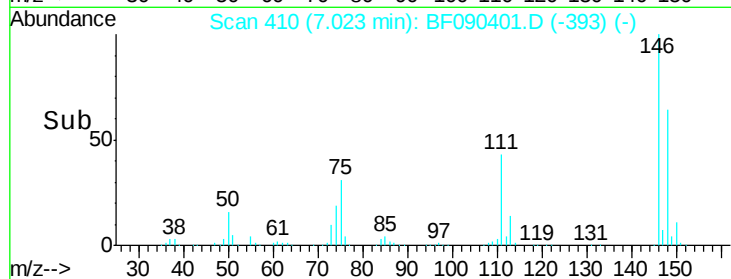
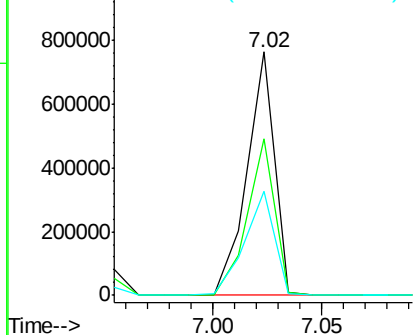
#13
 1,4-Dichlorobenzene
 Concen: 37.97 ng
 RT: 7.02 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

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

Tgt Ion:146 Resp: 671118
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.1 76.7
 111 42.7 37.8 56.6

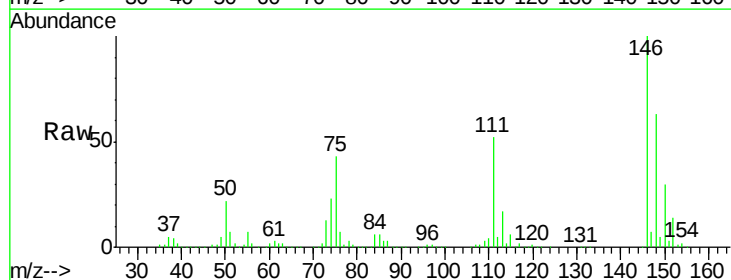


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

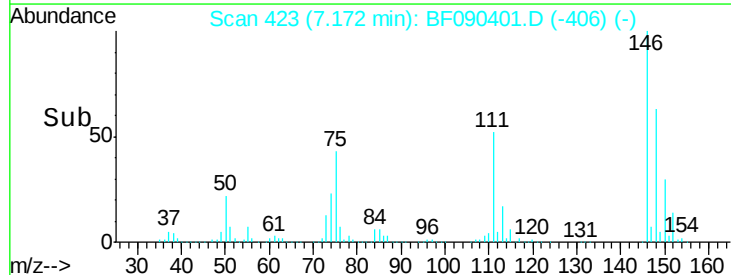
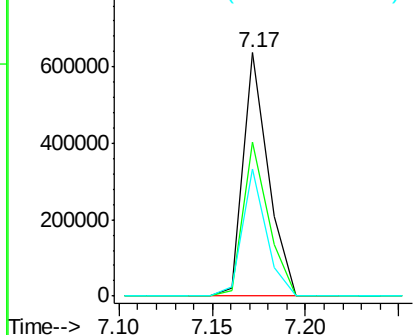


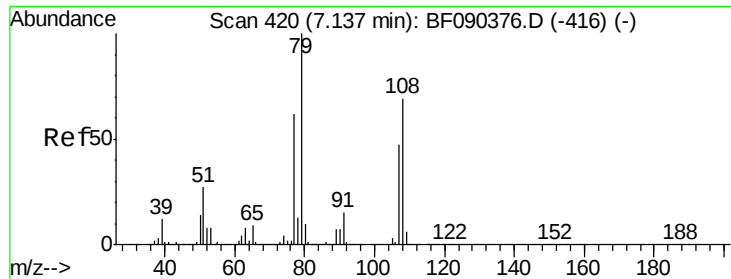
#14
 1,2-Dichlorobenzene
 Concen: 34.94 ng
 RT: 7.17 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion:146 Resp: 595021
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.3 78.5
 111 52.0 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: 39.06 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

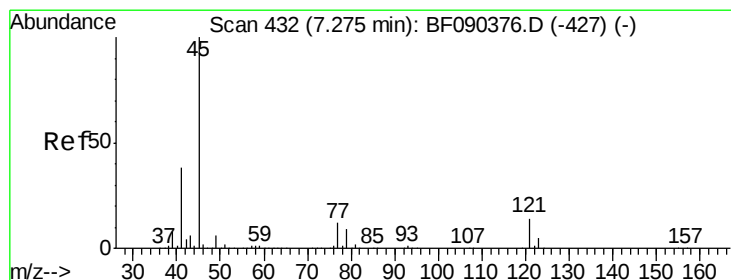
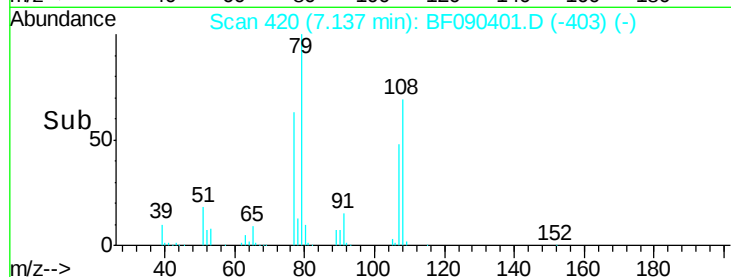
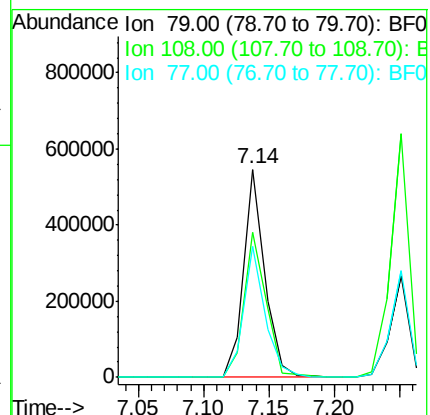
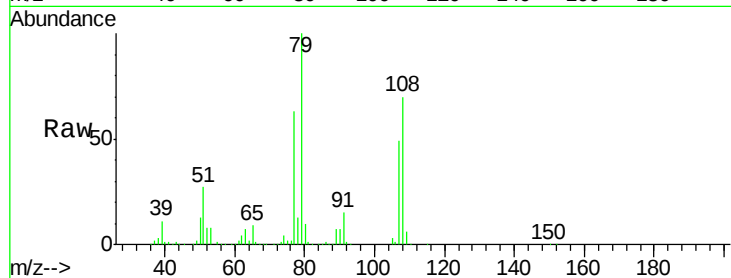
Tgt Ion: 79 Resp: 616817

Ion Ratio Lower Upper

79 100

108 69.7 60.9 91.3

77 63.1 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.65 ng

RT: 7.29 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

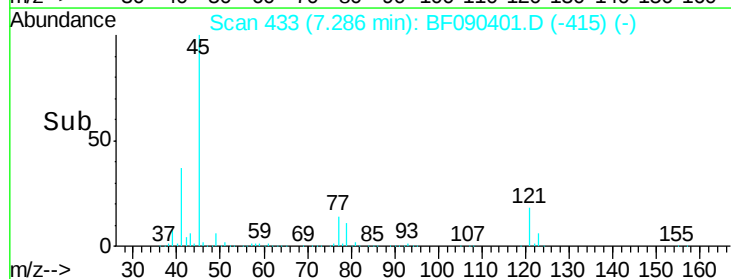
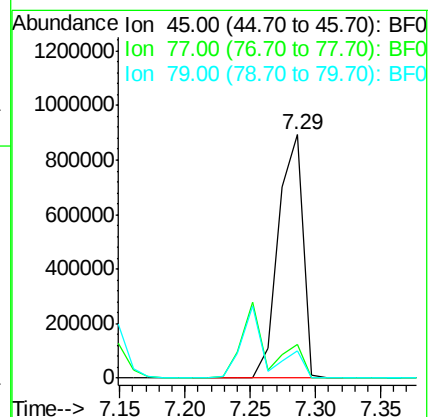
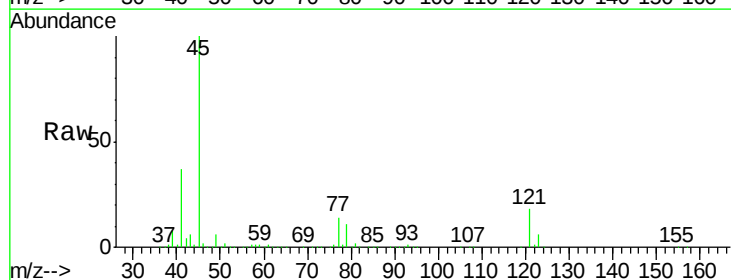
Tgt Ion: 45 Resp: 1180873

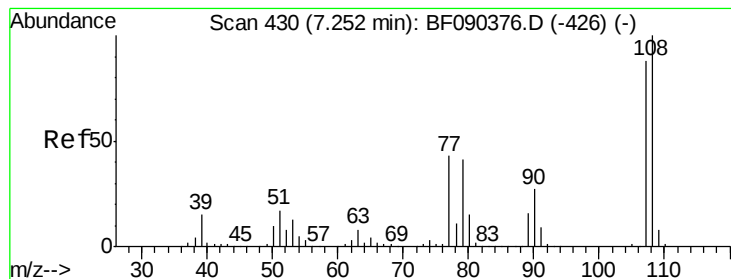
Ion Ratio Lower Upper

45 100

77 13.8 0.0 30.8

79 11.4 0.0 28.2





#17

2-Methylphenol

Concen: 39.56 ng

RT: 7.25 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tgt Ion:107 Resp: 567853

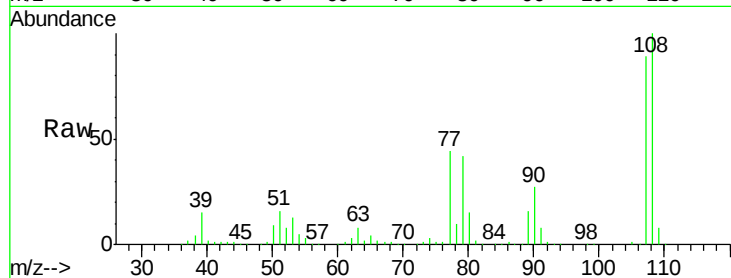
Ion Ratio Lower Upper

107 100

108 111.9 90.9 136.3

77 48.8 38.2 57.4

79 46.6 37.0 55.4



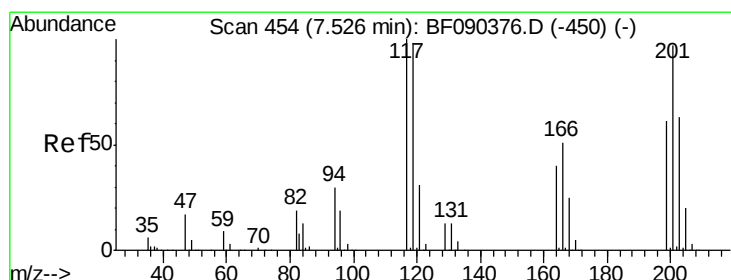
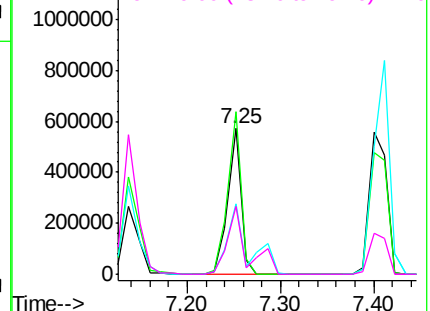
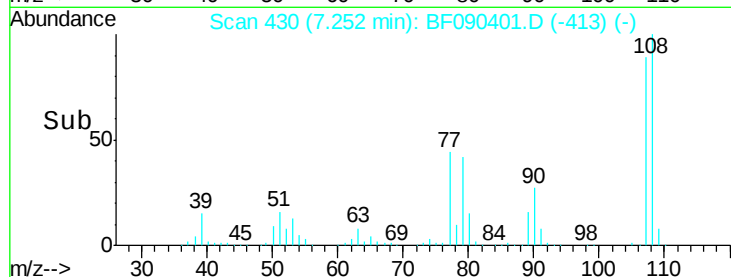
Abundance

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: 35.93 ng

RT: 7.53 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

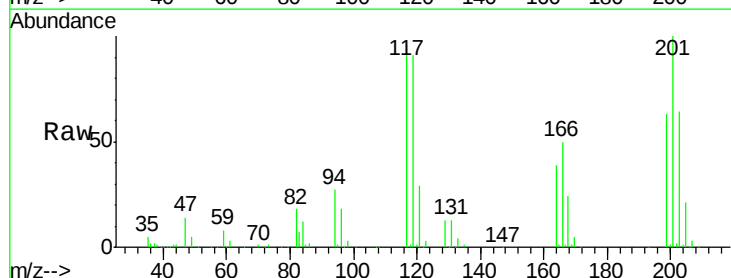
Tgt Ion:117 Resp: 250325

Ion Ratio Lower Upper

117 100

119 94.9 75.9 113.9

201 104.5 66.5 99.7#

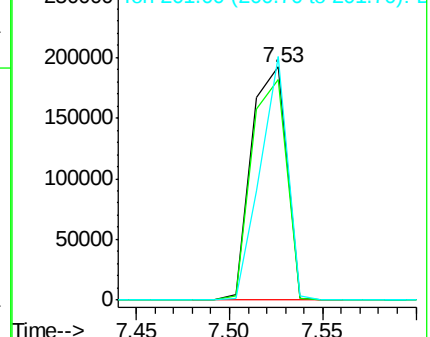
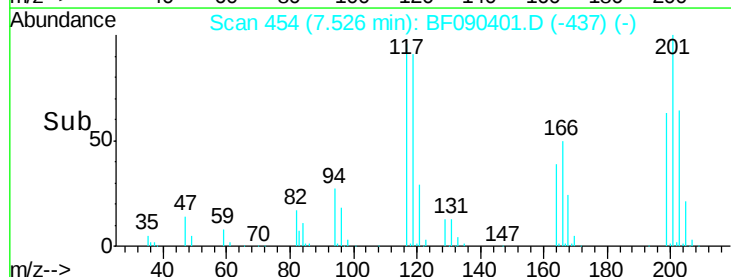


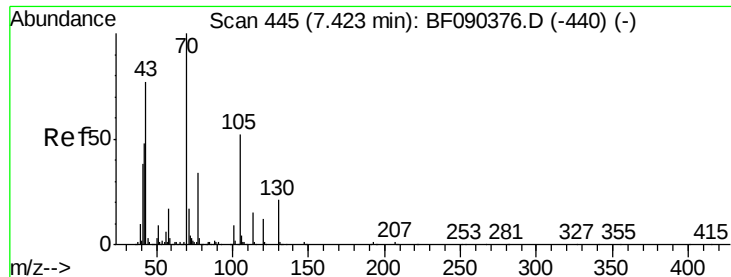
Abundance

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

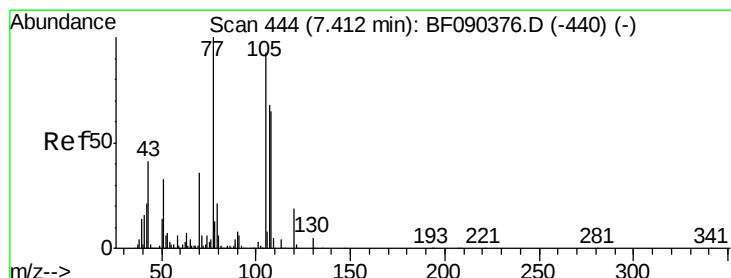
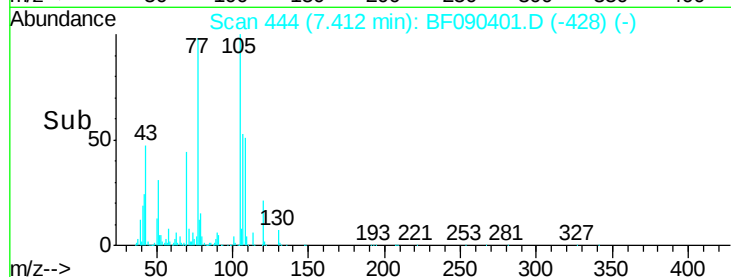
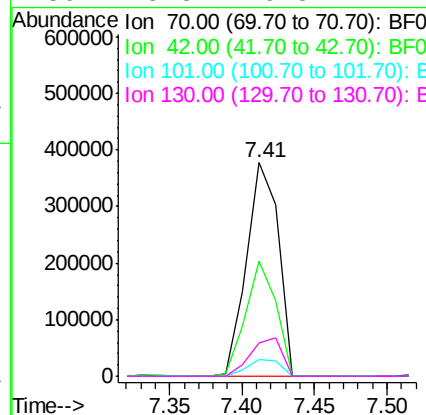
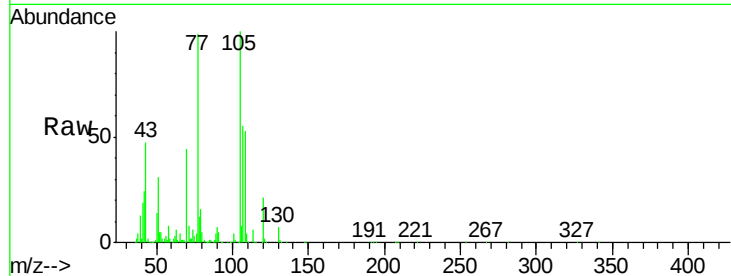




#19
n-Nitroso-di-n-propylamine
Concen: 37.71 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

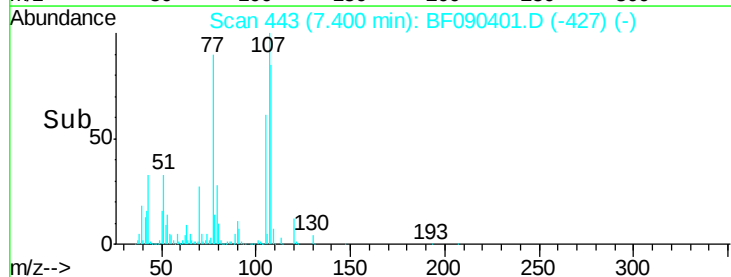
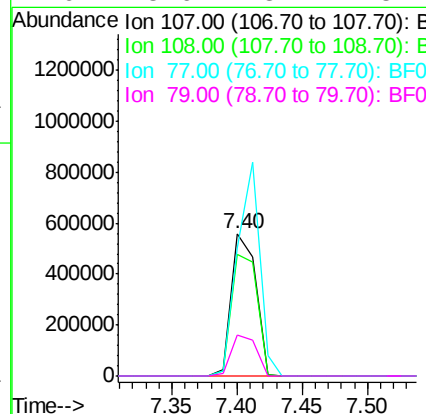
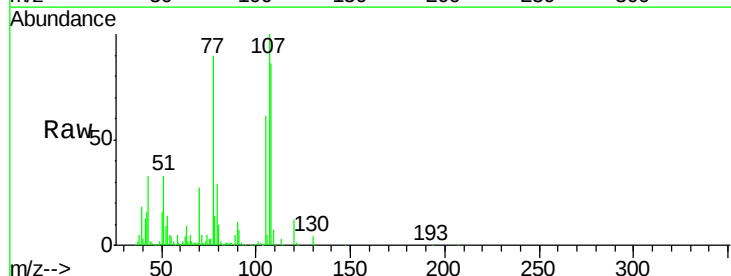
Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

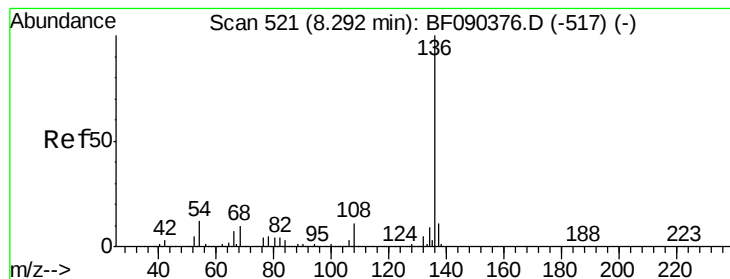
Tgt Ion: 70 Resp: 574481
Ion Ratio Lower Upper
70 100
42 53.8 55.4 83.2#
101 8.1 7.6 11.4
130 15.8 16.5 24.7#



#20
3+4-Methylphenols
Concen: 39.03 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion: 107 Resp: 725253
Ion Ratio Lower Upper
107 100
108 85.5 66.7 106.7
77 90.1 53.7 93.7
79 28.6 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: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tgt Ion:136 Resp: 998732

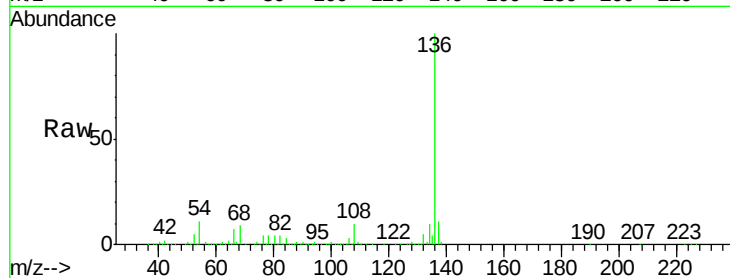
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 11.0 6.6 10.0#

68 9.3 5.0 7.6#

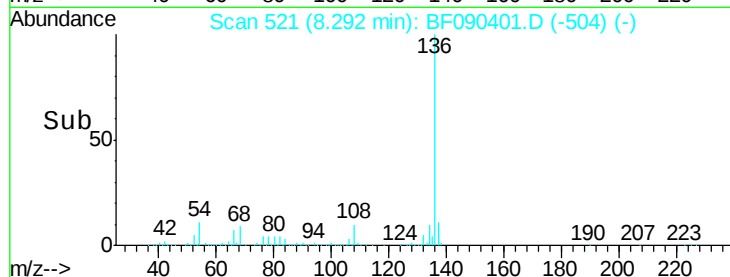


Abundance Ion 136.00 (135.70 to 136.70): E

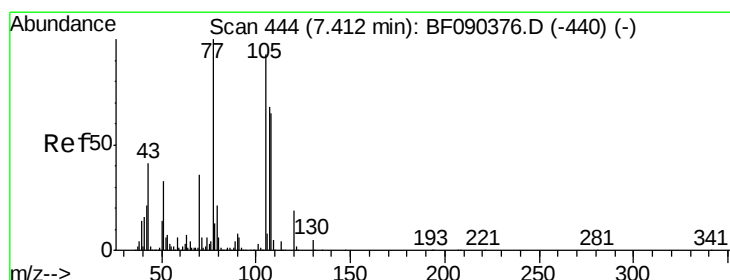
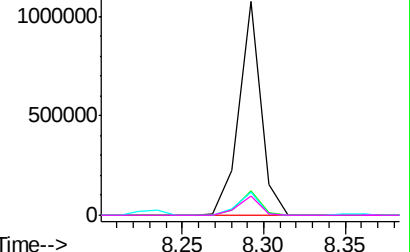
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.59 ng

RT: 7.41 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion:105 Resp: 912848

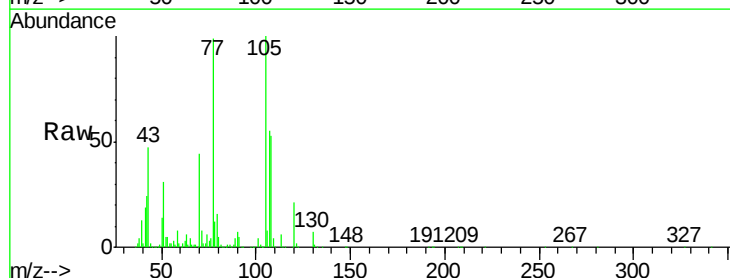
Ion Ratio Lower Upper

105 100

71 7.6 3.8 5.6#

51 31.3 28.2 42.4

120 21.4 17.4 26.2

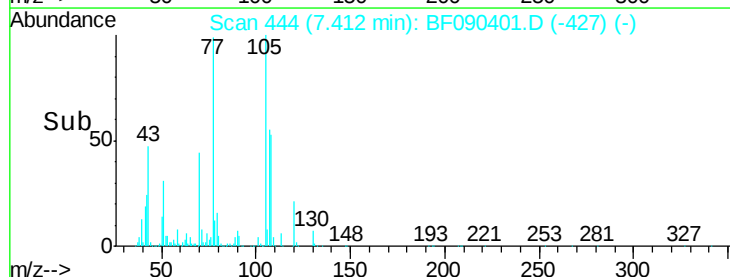


Abundance Ion 105.00 (104.70 to 105.70): E

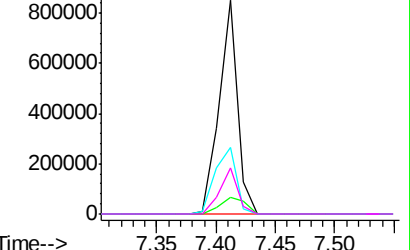
Ion 71.00 (70.70 to 71.70): BF0

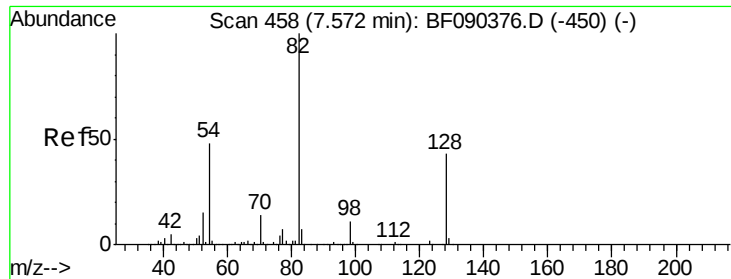
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

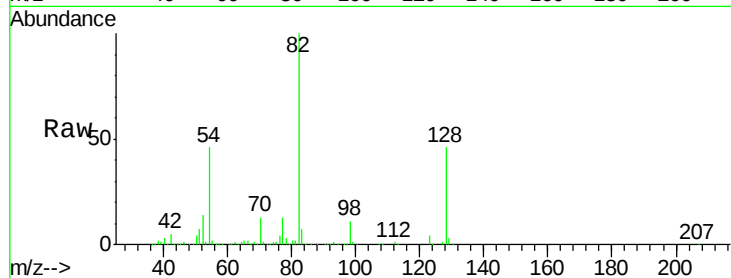




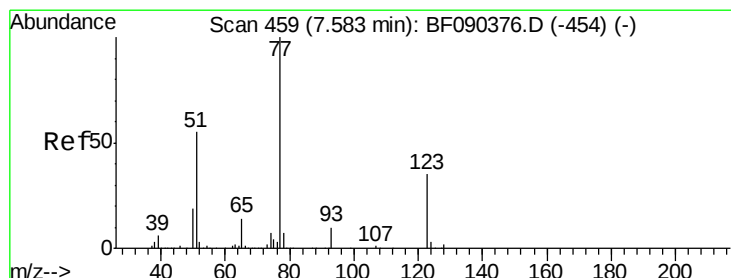
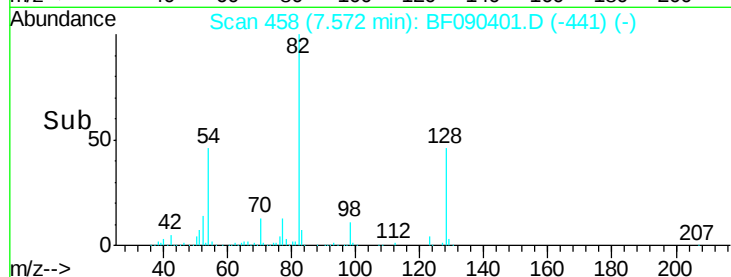
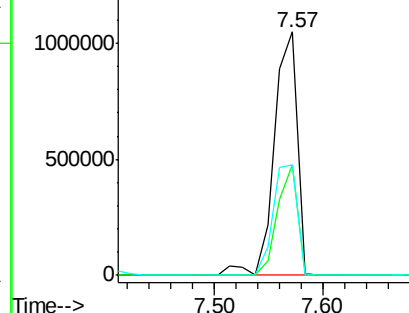
#23
 Nitrobenzene-d5
 Concen: 75.00 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

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

Tgt Ion: 82 Resp: 1539965
 Ion Ratio Lower Upper
 82 100
 128 45.5 40.0 60.0
 54 45.6 42.6 64.0

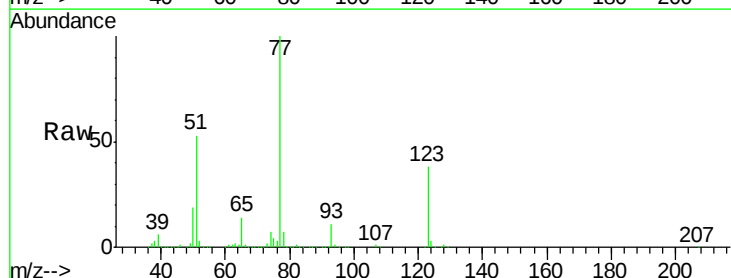


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

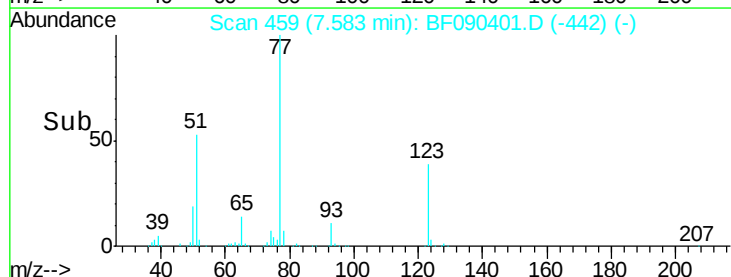
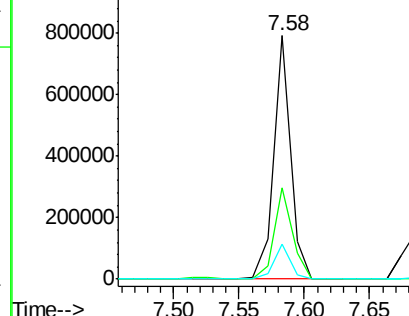


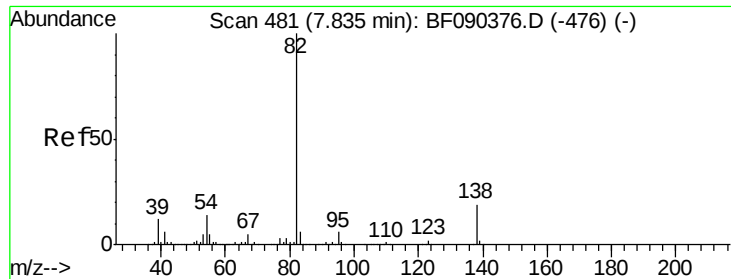
#24
 Nitrobenzene
 Concen: 35.38 ng
 RT: 7.58 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion: 77 Resp: 721213
 Ion Ratio Lower Upper
 77 100
 123 37.6 33.0 49.4
 65 14.2 12.0 18.0



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





#25

Isophorone

Concen: 37.24 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

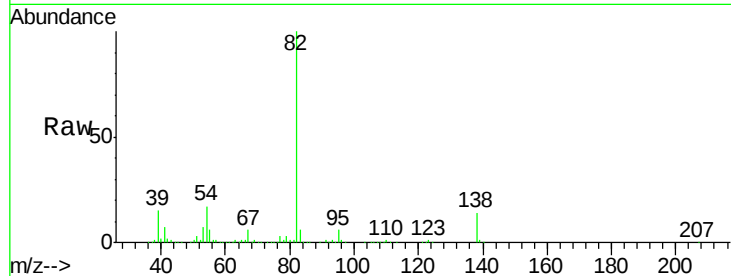
Tgt Ion: 82 Resp: 1398034

Ion Ratio Lower Upper

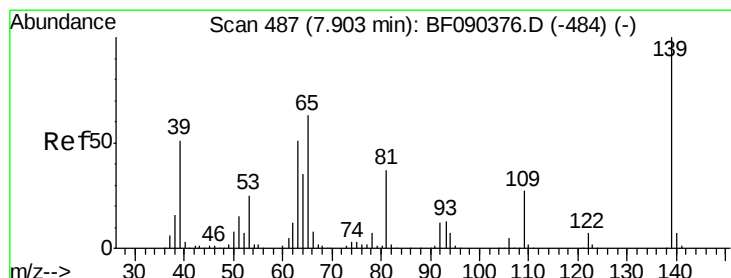
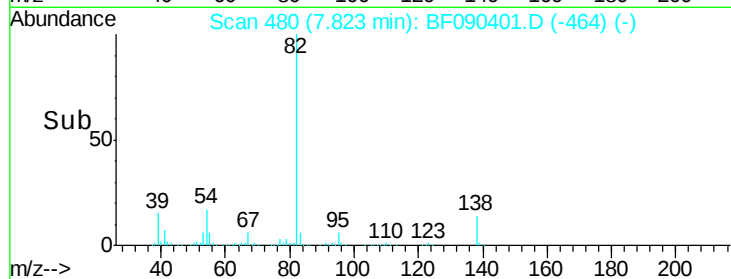
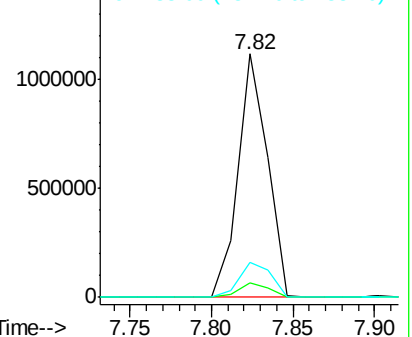
82 100

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: 38.25 ng

RT: 7.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

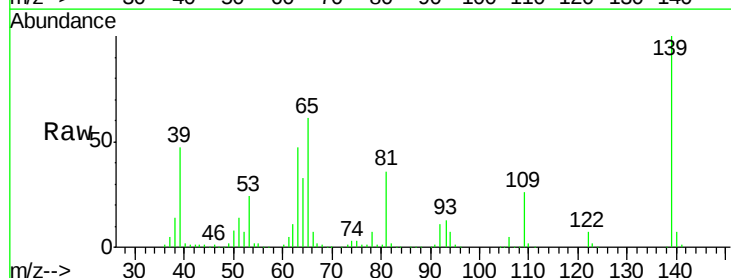
Tgt Ion: 139 Resp: 335579

Ion Ratio Lower Upper

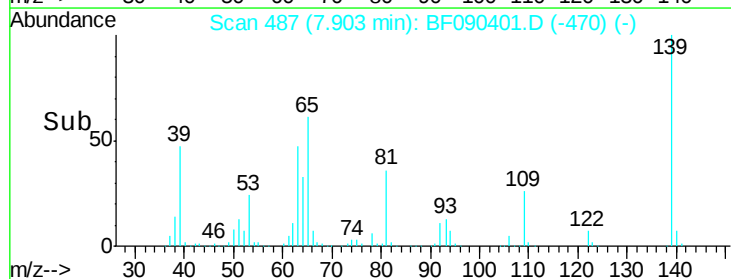
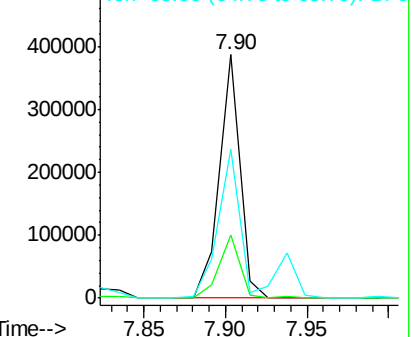
139 100

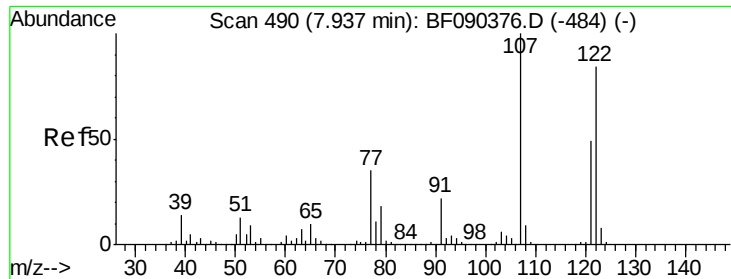
109 26.1 18.9 28.3

65 61.3 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: 35.23 ng

RT: 7.94 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

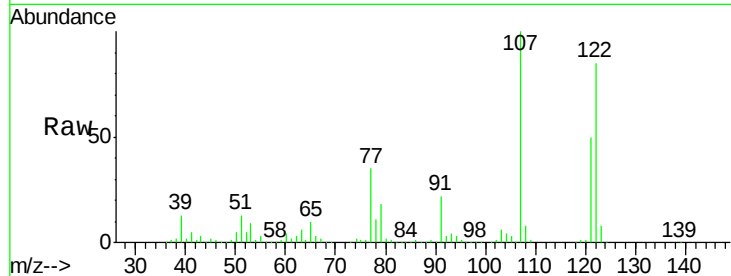
Tgt Ion:122 Resp: 601007

Ion Ratio Lower Upper

122 100

107 118.2 88.6 132.8

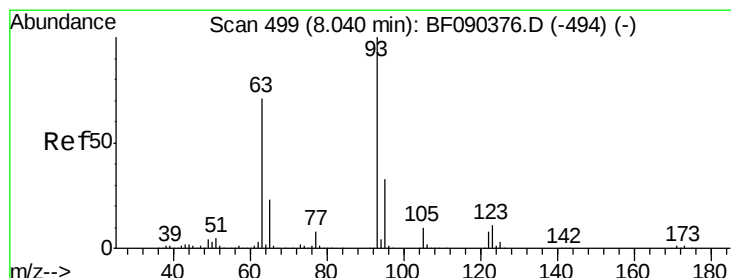
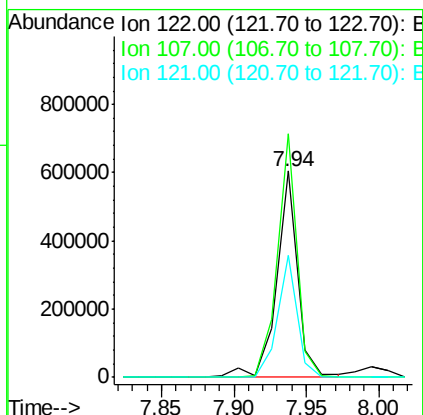
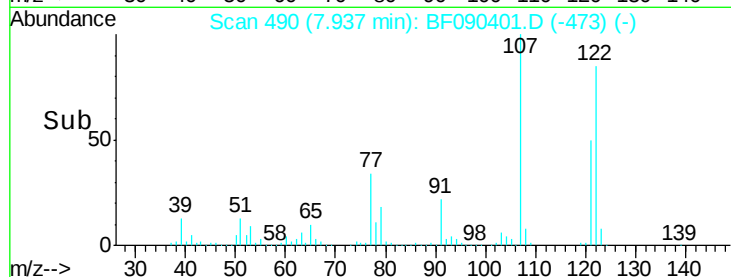
121 59.0 47.5 71.3



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: 41.92 ng

RT: 8.04 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

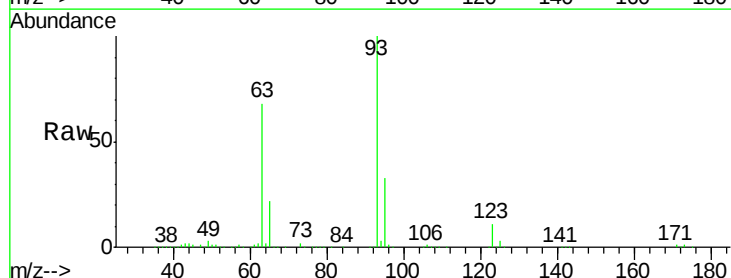
Tgt Ion: 93 Resp: 930595

Ion Ratio Lower Upper

93 100

95 32.6 27.0 40.4

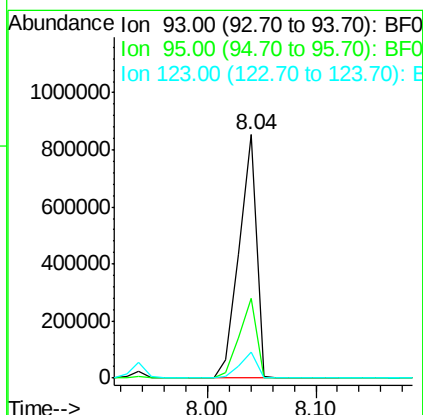
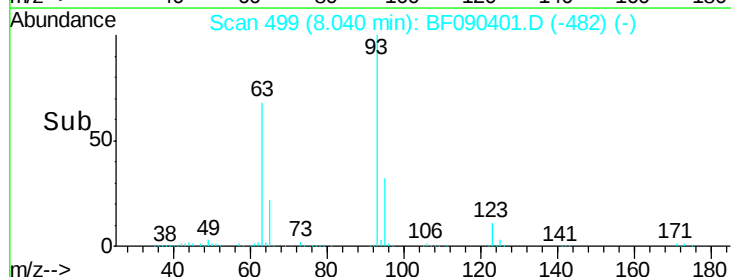
123 10.7 11.1 16.7#

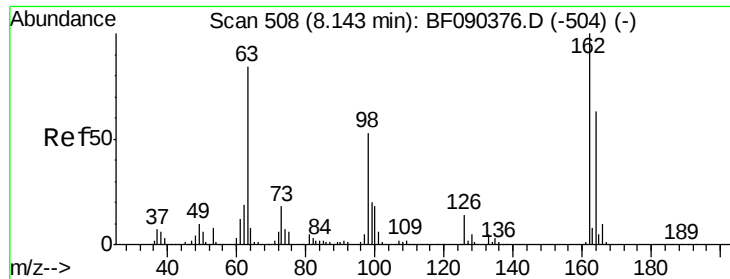


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

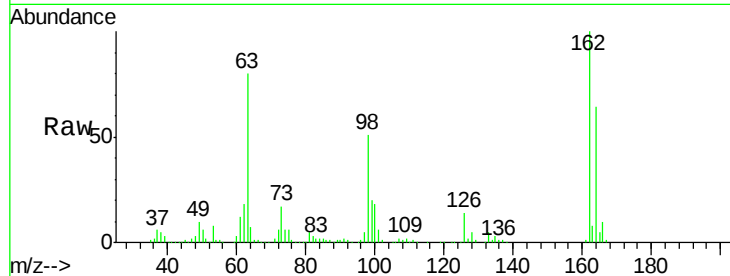




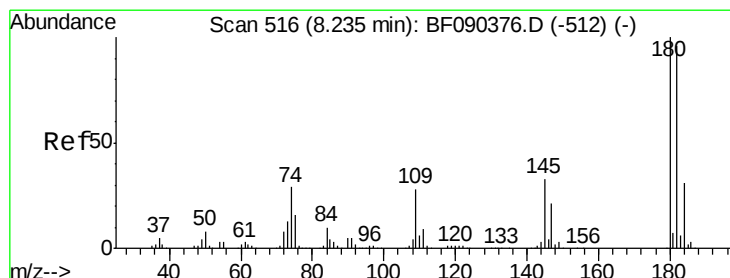
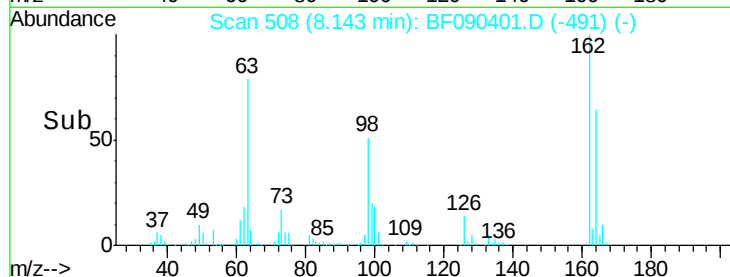
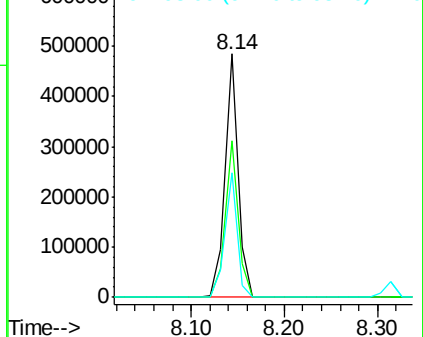
#29
 2,4-Dichlorophenol
 Concen: 36.37 ng
 RT: 8.14 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.7	85.7
98	51.3	13.3	53.3

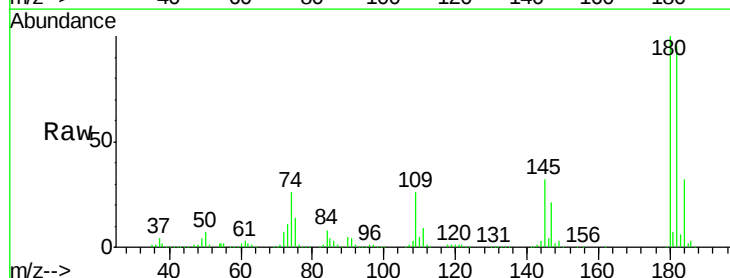


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

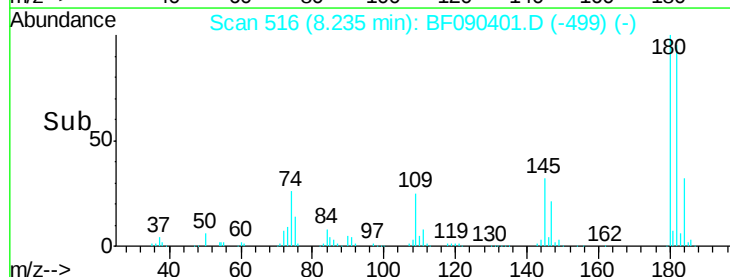
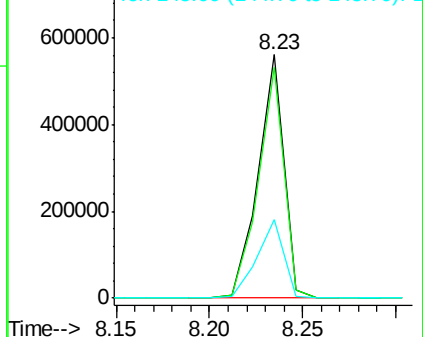


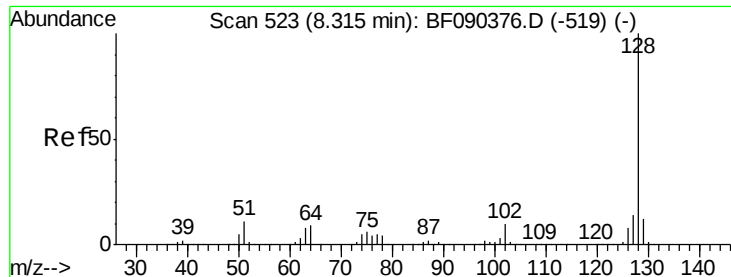
#30
 1,2,4-Trichlorobenzene
 Concen: 39.82 ng
 RT: 8.23 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.3	112.9
145	32.1	27.7	41.5



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

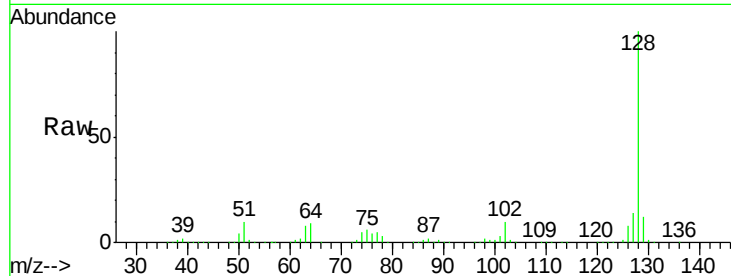




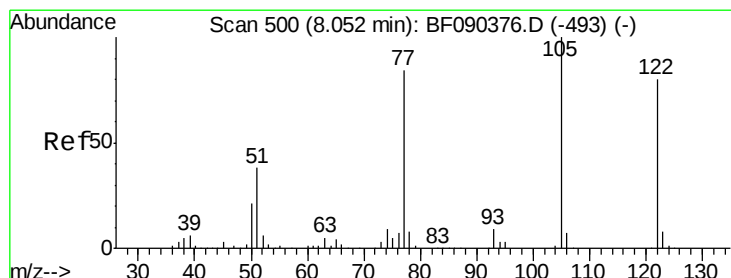
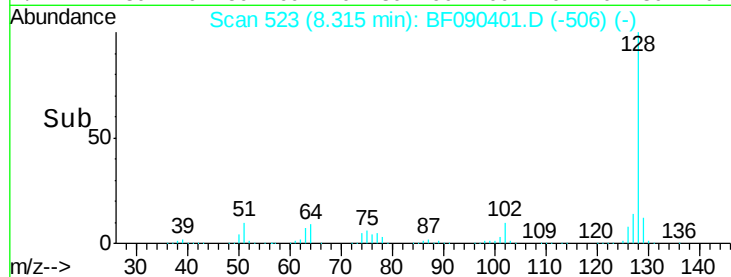
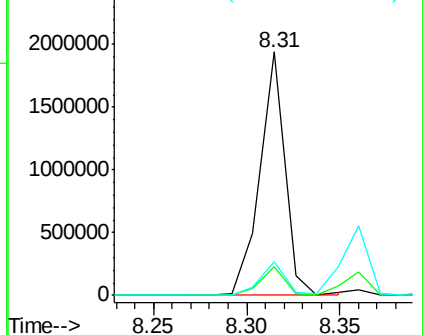
#31
Naphthalene
Concen: 37.29 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

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

Tgt Ion:128 Resp: 1796596
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.9 11.7 17.5

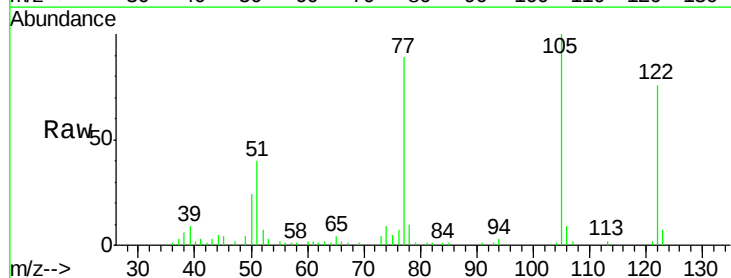


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

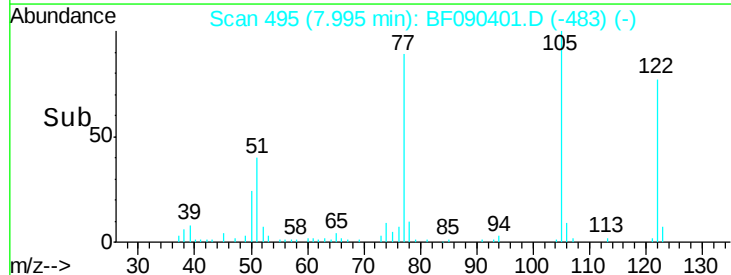
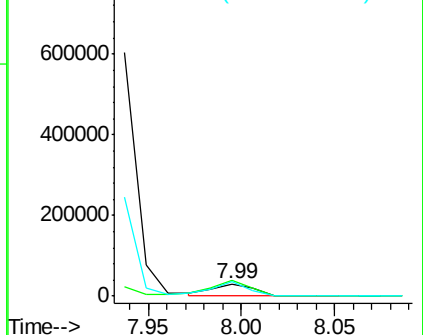


#32
Benzoic acid
Concen: 3.77 ng
RT: 7.99 min Scan# 495
Delta R.T. -0.06 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion:122 Resp: 44763
Ion Ratio Lower Upper
122 100
105 131.1 103.9 143.9
77 117.0 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

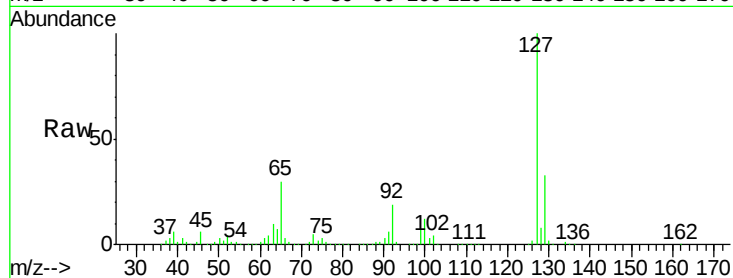




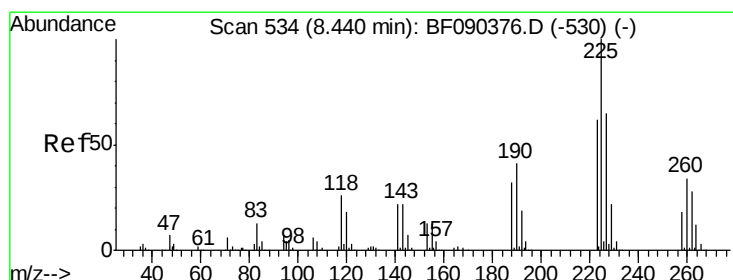
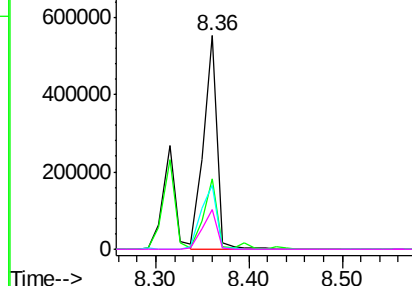
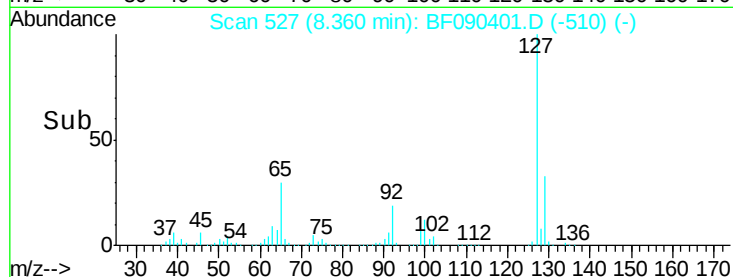
#33
 4-Chloroaniline
 Concen: 28.21 ng
 RT: 8.36 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

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

Tgt Ion:	127	Resp:	561894
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.4
65	29.9	32.5	48.7#
92	18.8	17.2	25.8

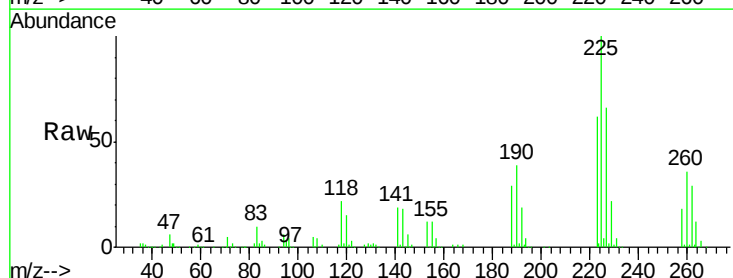


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

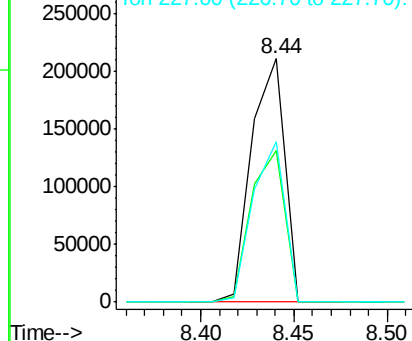
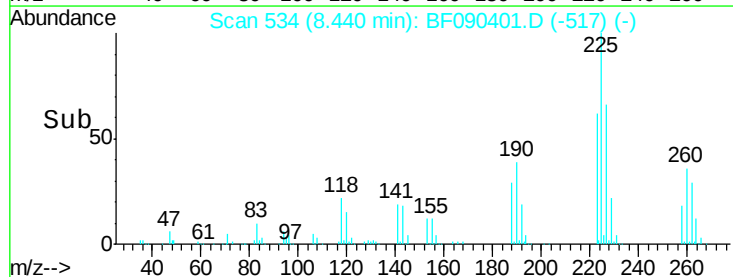


#34
 Hexachlorobutadiene
 Concen: 34.72 ng
 RT: 8.44 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion:	225	Resp:	259308
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.4
227	66.0	50.8	76.2



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

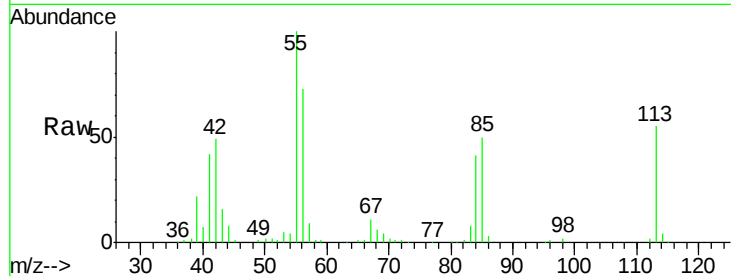




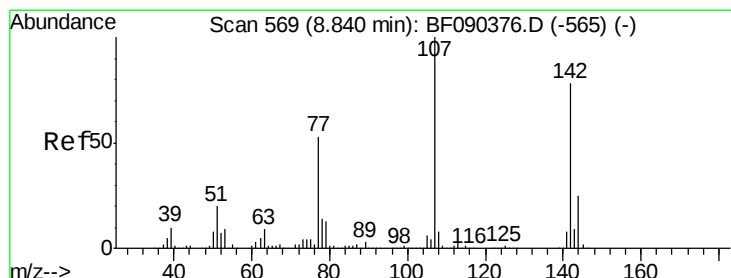
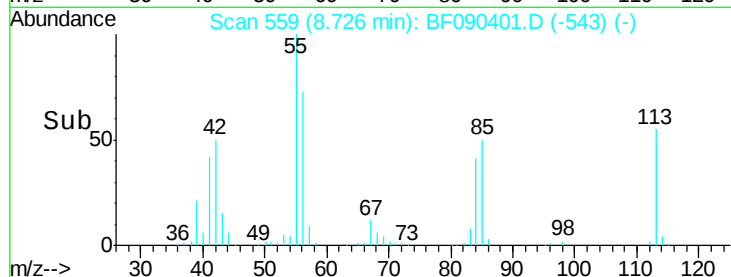
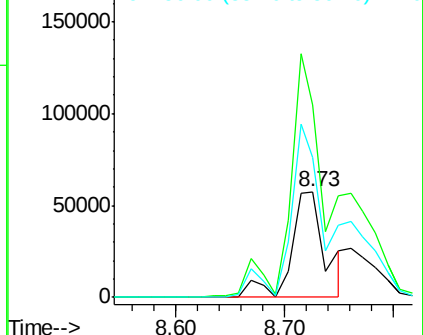
#35
 Caprolactam
 Concen: 29.16 ng
 RT: 8.73 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

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

Tgt Ion:113 Resp: 127192
 Ion Ratio Lower Upper
 113 100
 55 181.6 203.3 243.3#
 56 132.1 140.5 180.5#

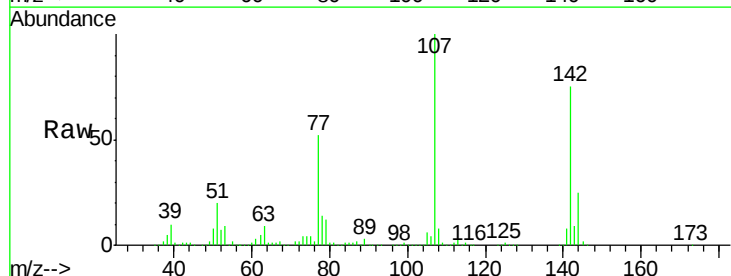


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

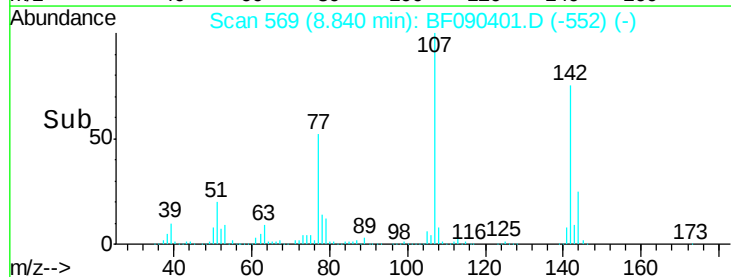
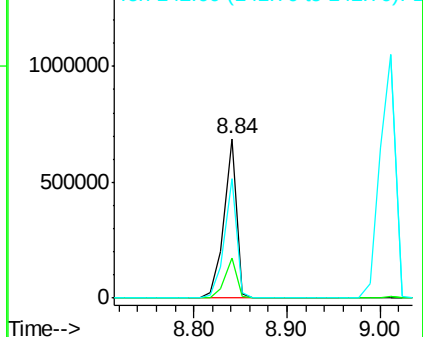


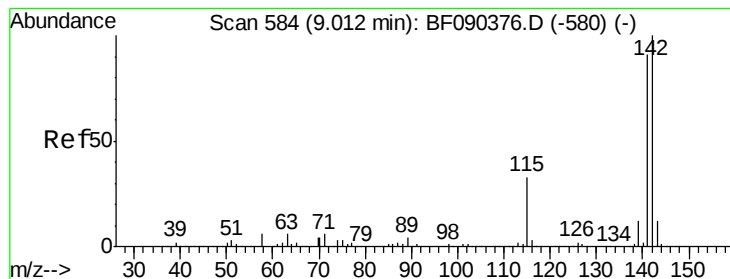
#36
 4-Chloro-3-methylphenol
 Concen: 39.65 ng
 RT: 8.84 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion:107 Resp: 643958
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.8 29.8
 142 75.0 60.7 91.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.58 ng

RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

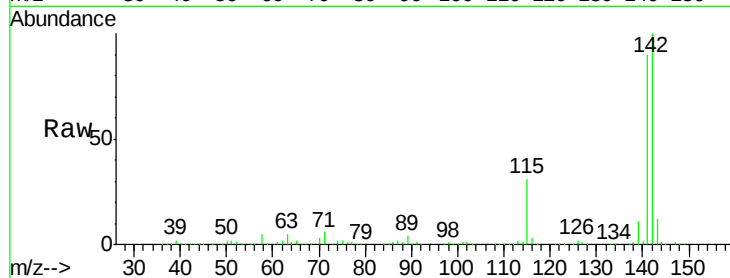
Tgt Ion:142 Resp: 1212754

Ion Ratio Lower Upper

142 100

141 90.5 71.8 107.8

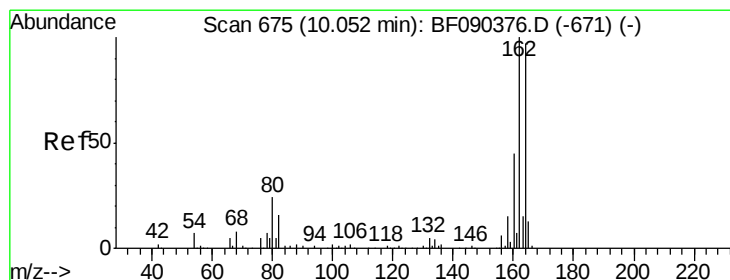
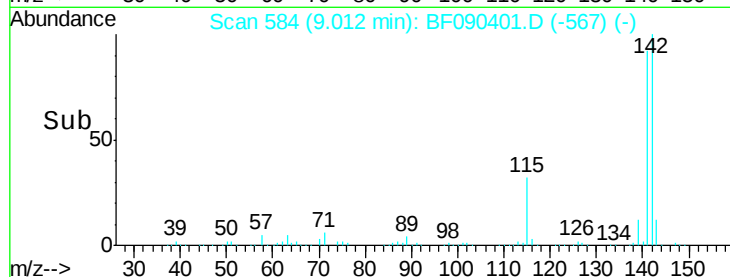
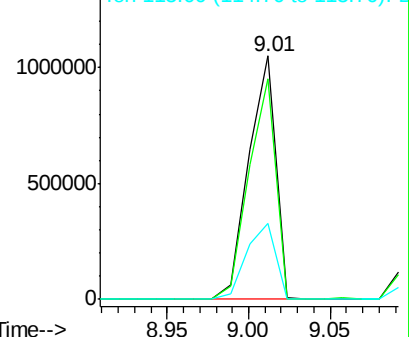
115 31.5 28.8 43.2



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: BF090401.D

Acq: 6 Oct 2016 1:07

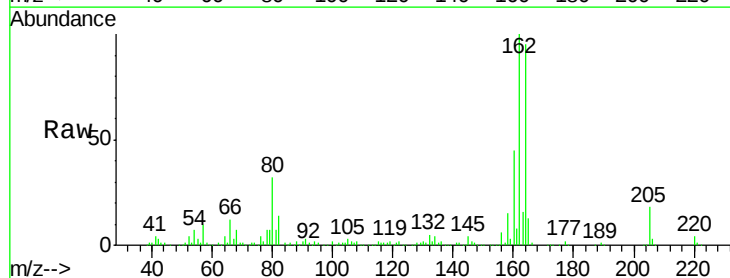
Tgt Ion:164 Resp: 491828

Ion Ratio Lower Upper

164 100

162 105.4 80.1 120.1

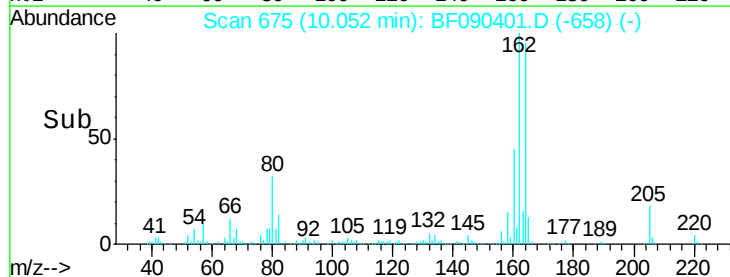
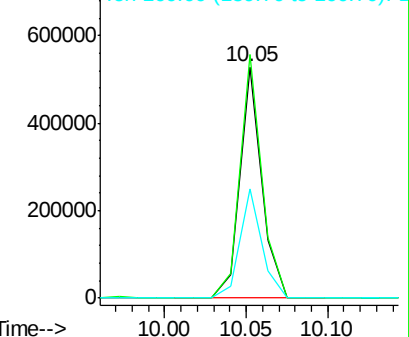
160 47.5 36.3 54.5

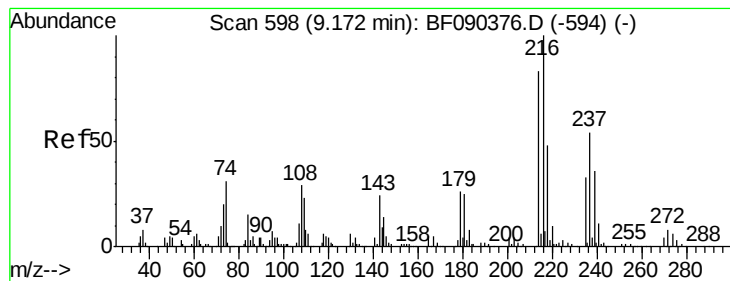


Abundance Ion 164.00 (163.70 to 164.70): E

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: 36.35 ng

RT: 9.17 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tgt Ion:216 Resp: 471404

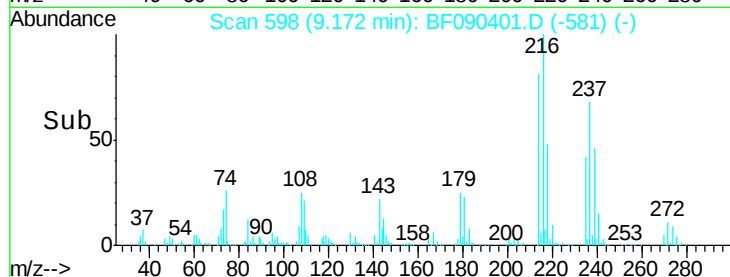
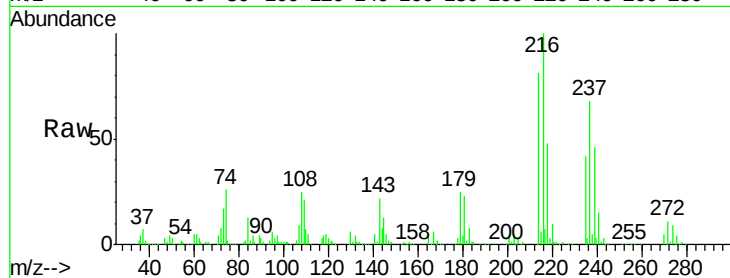
Ion Ratio Lower Upper

216 100

214 79.3 64.2 96.2

179 23.5 18.0 27.0

108 25.8 15.2 22.8#

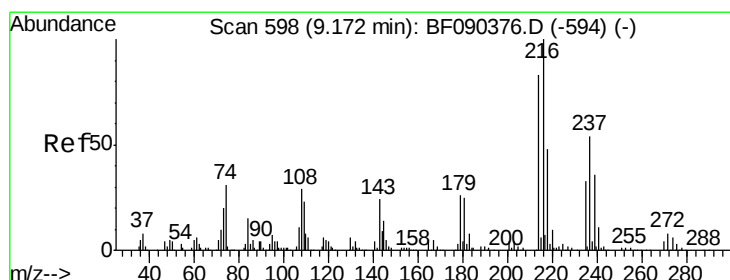
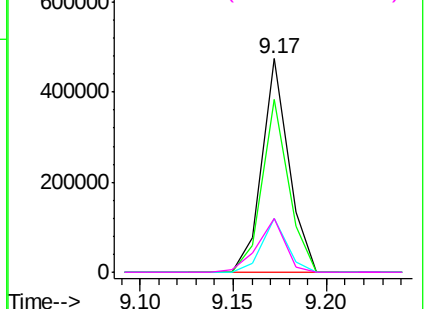


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.70 ng

RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

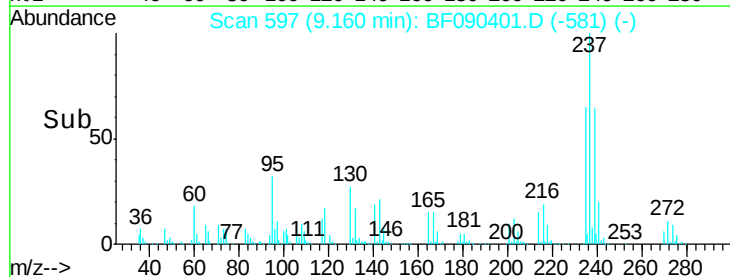
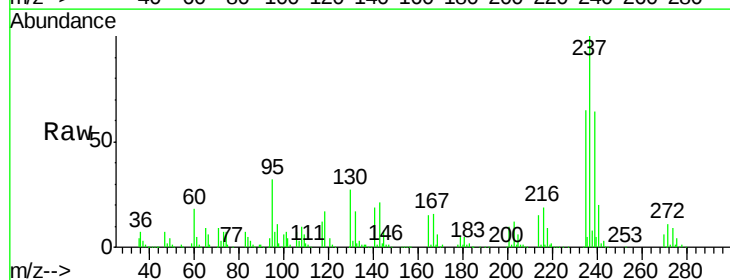
Tgt Ion:237 Resp: 530953

Ion Ratio Lower Upper

237 100

235 64.7 43.6 83.6

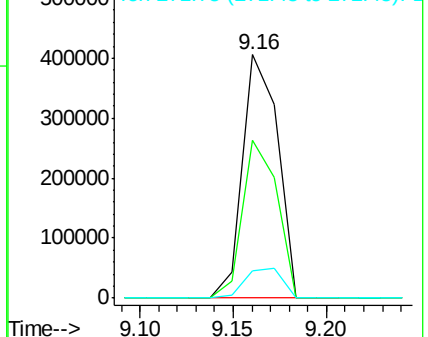
272 11.2 0.0 32.7

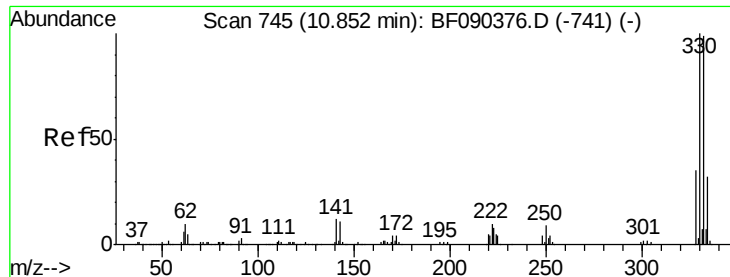


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

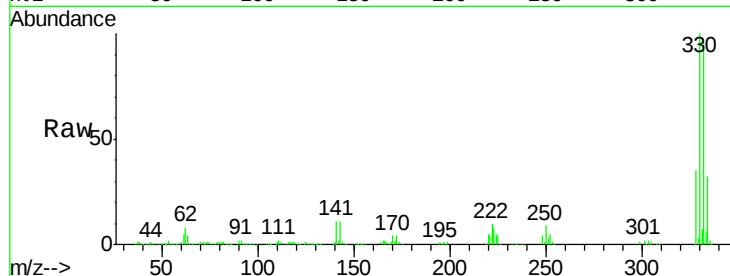




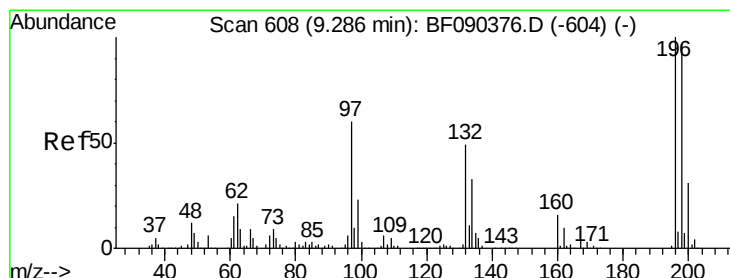
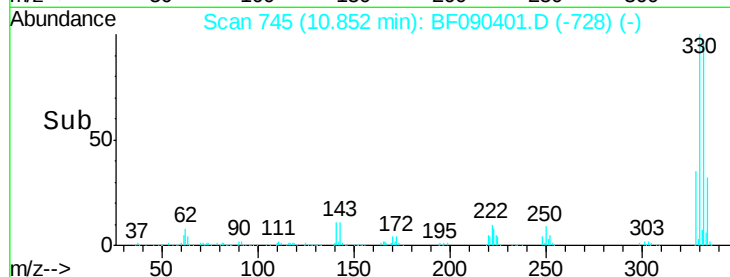
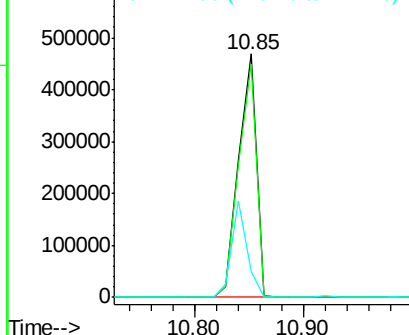
#41
 2,4,6-Tribromophenol
 Concen: 130.11 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

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

Tgt Ion:330 Resp: 520322
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 34.9 26.9 40.3

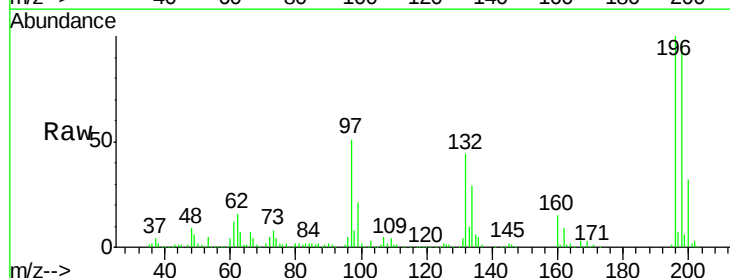


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

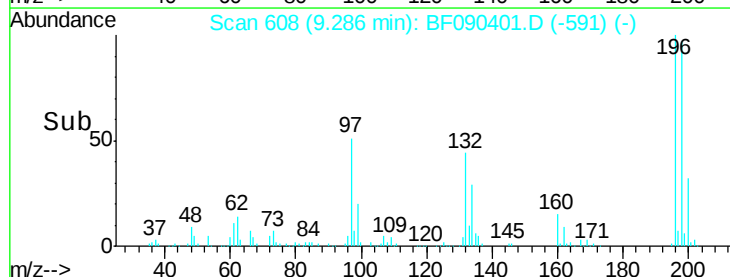
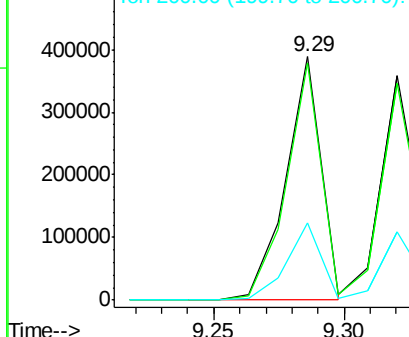


#42
 2,4,6-Trichlorophenol
 Concen: 40.65 ng
 RT: 9.29 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion:196 Resp: 363759
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.9 118.3
 200 31.8 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

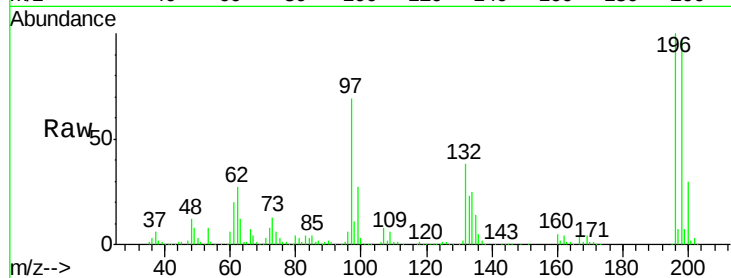




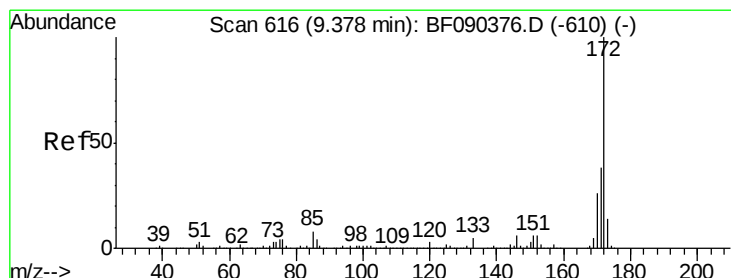
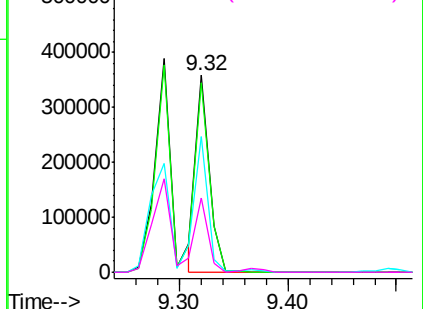
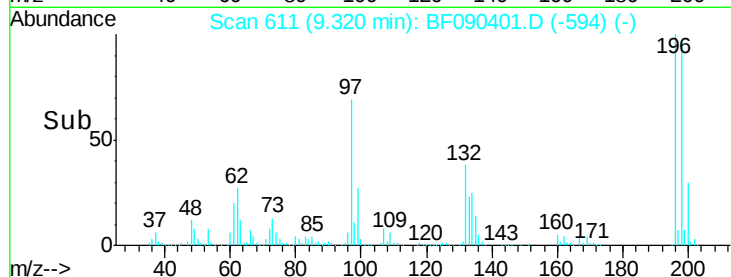
#43
 2,4,5-Trichlorophenol
 Concen: 36.41 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

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

Tgt Ion:196 Resp: 308063
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.1 117.1
 97 69.0 48.1 72.1
 132 37.8 27.4 41.2

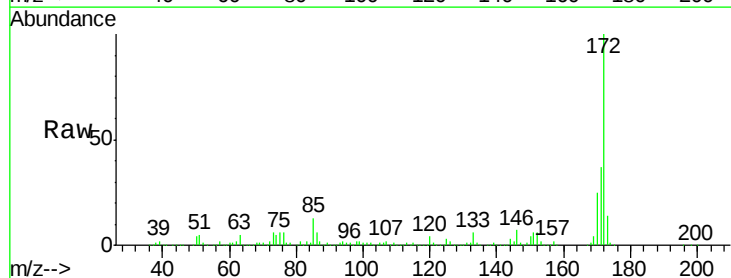


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

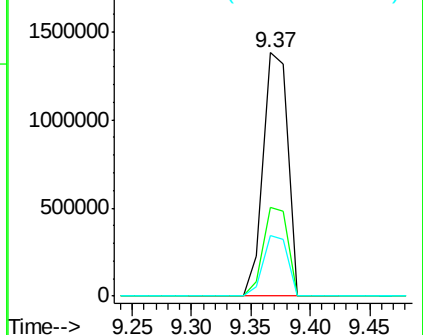
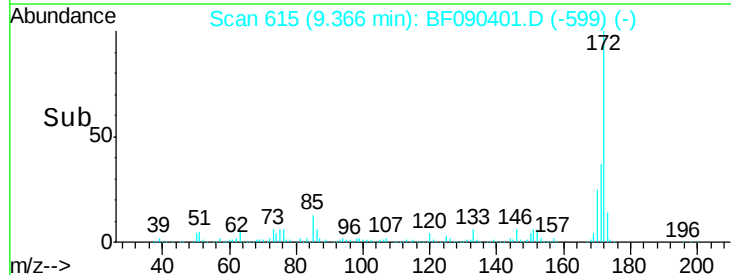


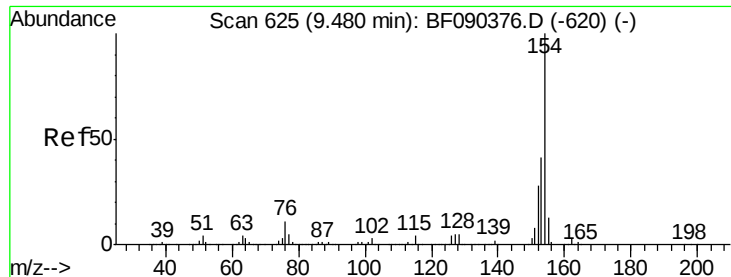
#44
 2-Fluorobiphenyl
 Concen: 68.15 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion:172 Resp: 2011680
 Ion Ratio Lower Upper
 172 100
 171 36.6 31.8 47.8
 170 24.8 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

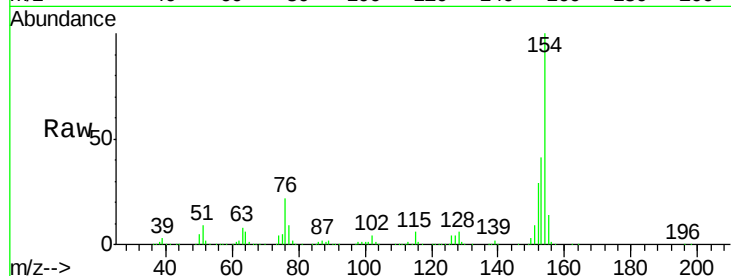




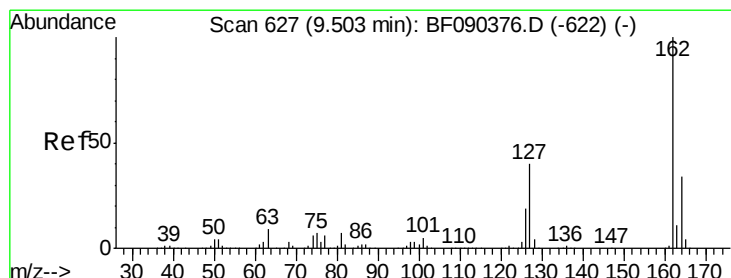
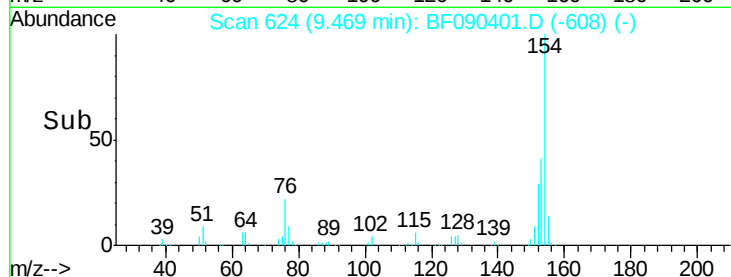
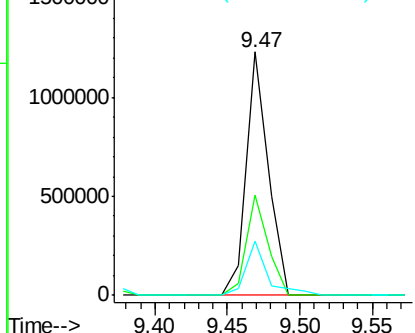
#45
 1,1'-Biphenyl
 Concen: 35.54 ng
 RT: 9.47 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

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

Tgt Ion:154 Resp: 1295335
 Ion Ratio Lower Upper
 154 100
 153 41.1 23.8 63.8
 76 22.2 0.0 35.8

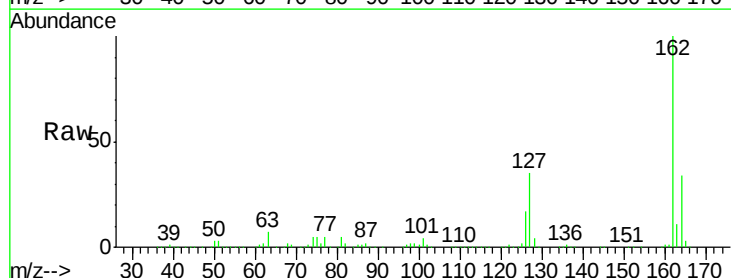


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

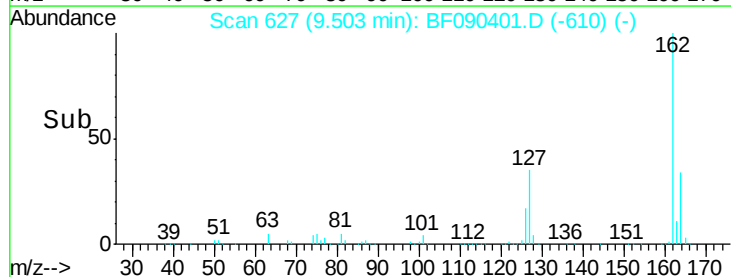
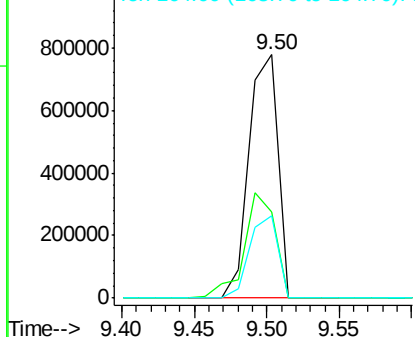


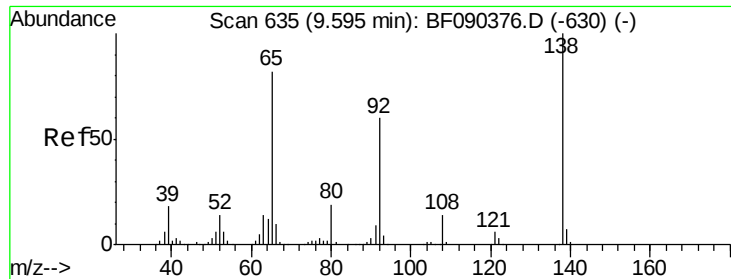
#46
 2-Chloronaphthalene
 Concen: 40.03 ng
 RT: 9.50 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion:162 Resp: 1077813
 Ion Ratio Lower Upper
 162 100
 127 35.3 35.6 53.4#
 164 33.9 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

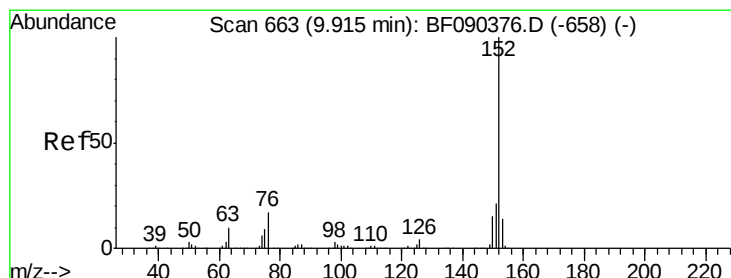
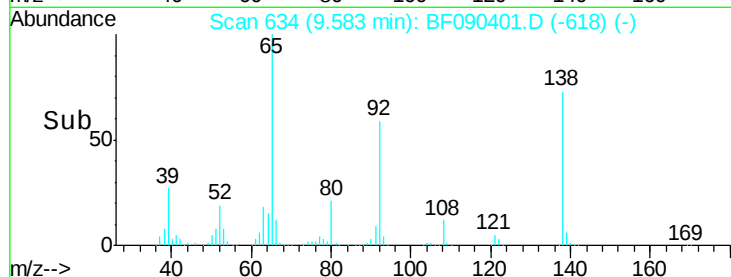
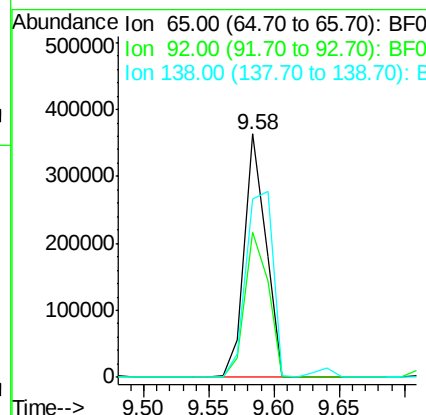
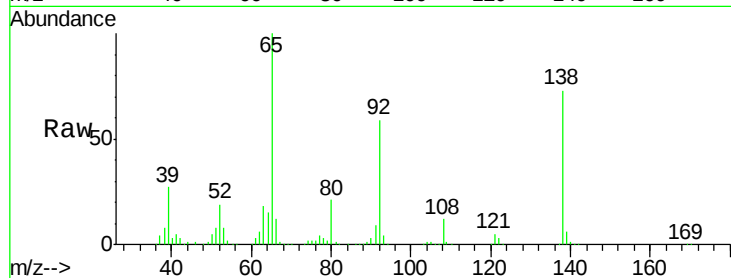




#47
 2-Nitroaniline
 Concen: 39.12 ng
 RT: 9.58 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

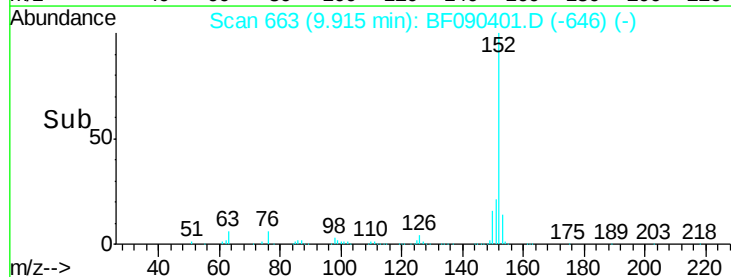
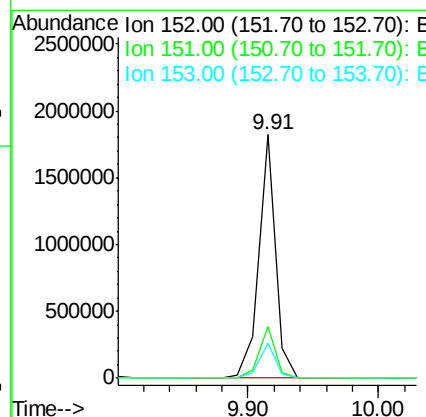
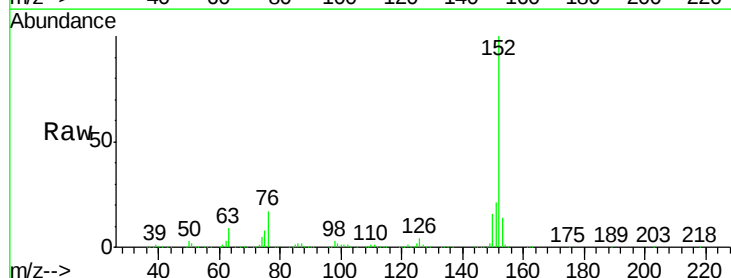
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

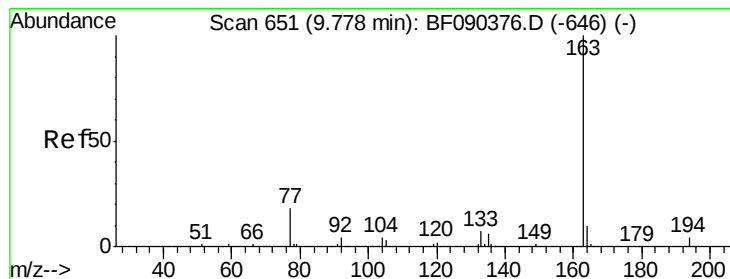
Tgt Ion: 65 Resp: 415670
 Ion Ratio Lower Upper
 65 100
 92 59.4 51.7 77.5
 138 73.3 79.0 118.4#



#48
 Acenaphthylene
 Concen: 36.74 ng
 RT: 9.91 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion: 152 Resp: 1632545
 Ion Ratio Lower Upper
 152 100
 151 21.3 17.4 26.0
 153 14.3 11.6 17.4





#49

Dimethylphthalate

Concen: 69.99 ng

RT: 9.78 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

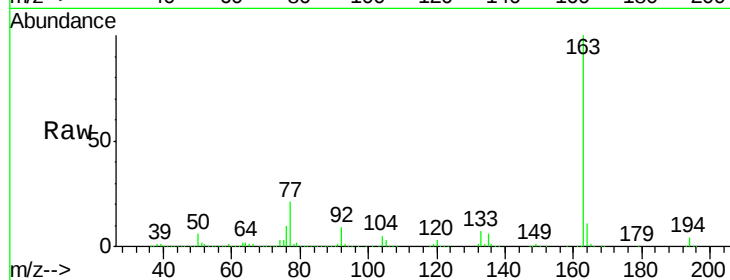
Tgt Ion:163 Resp: 2204440

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

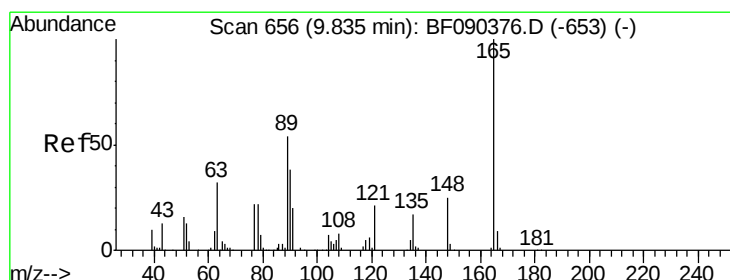
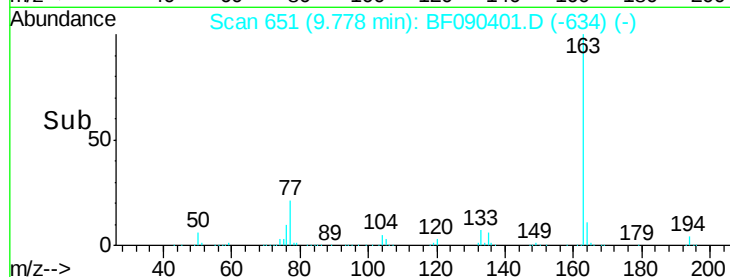
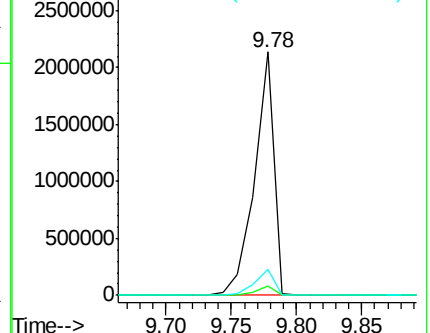
164 10.7 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.57 ng

RT: 9.83 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

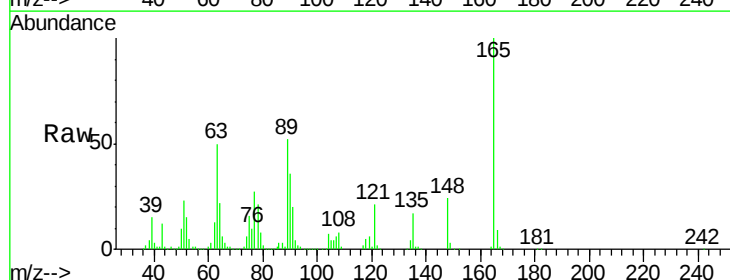
Tgt Ion:165 Resp: 311702

Ion Ratio Lower Upper

165 100

63 49.5 58.0 87.0#

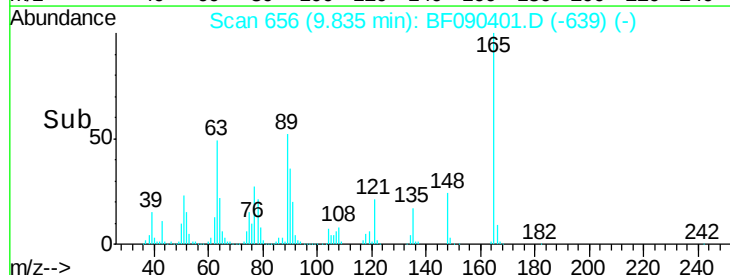
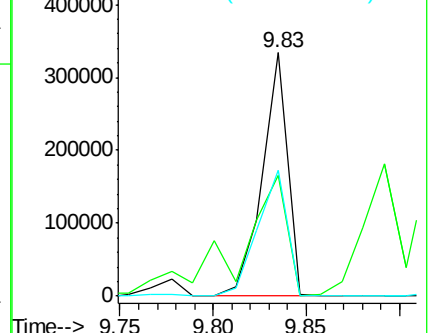
89 51.8 51.2 76.8

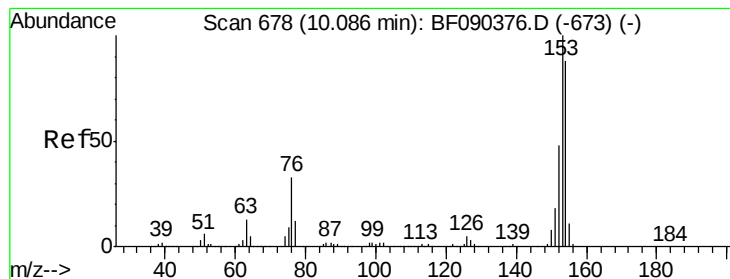


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.70 ng

RT: 10.09 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

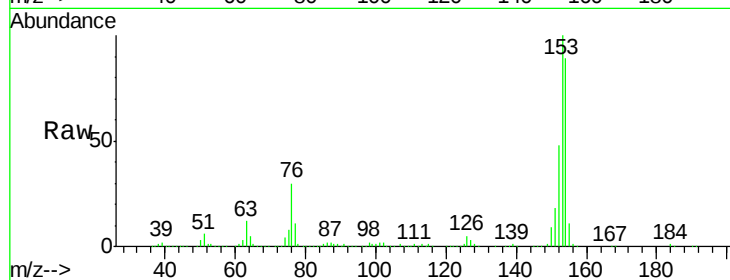
Tgt Ion:154 Resp: 1072181

Ion Ratio Lower Upper

154 100

153 112.4 88.6 133.0

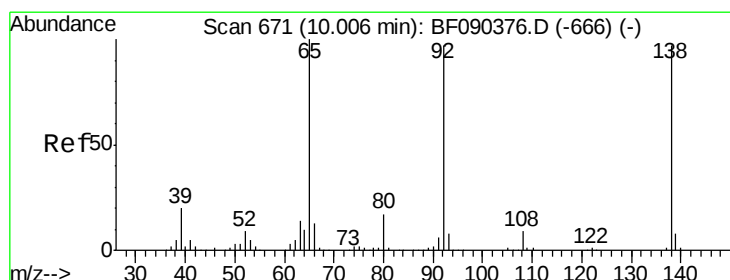
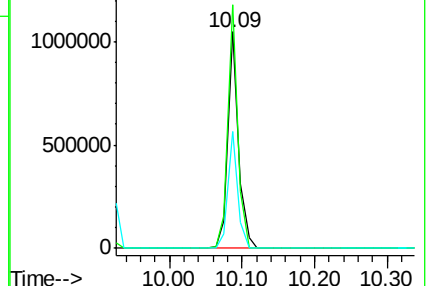
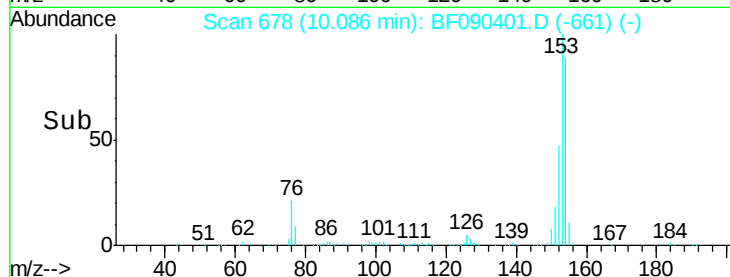
152 54.3 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.31 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

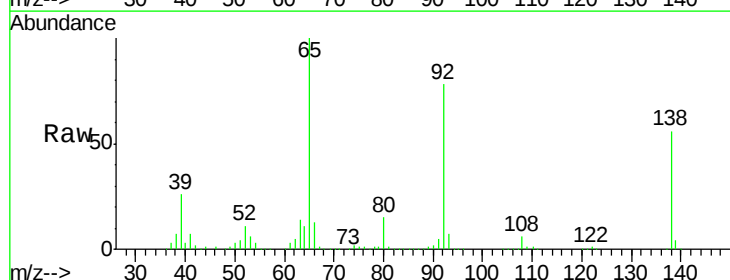
Tgt Ion:138 Resp: 263952

Ion Ratio Lower Upper

138 100

108 11.1 9.7 14.5

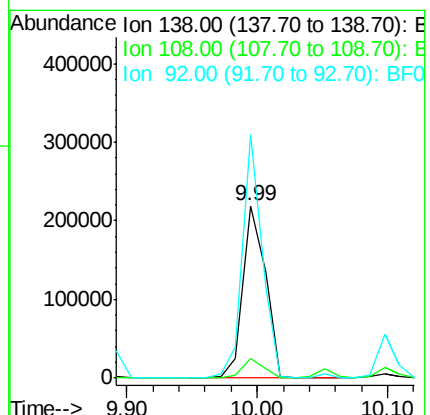
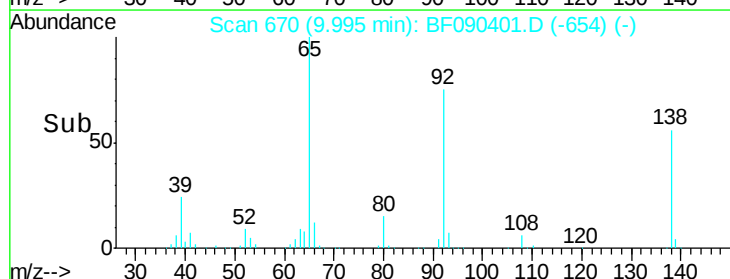
92 141.3 97.1 145.7

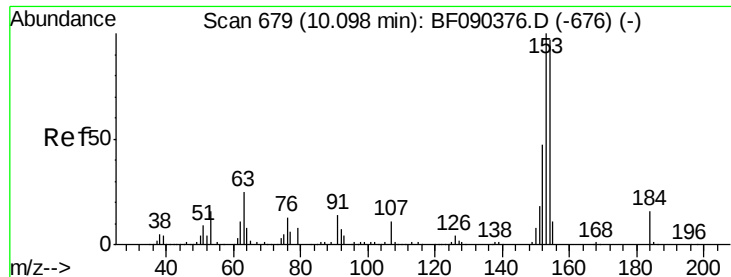


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

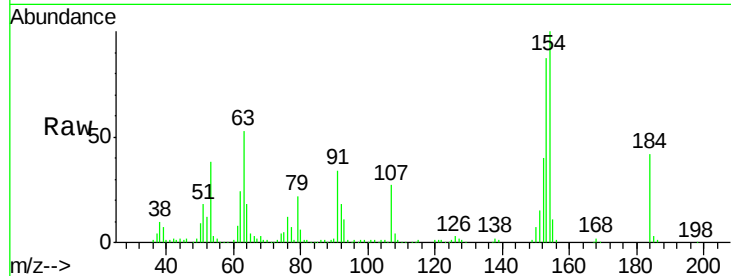




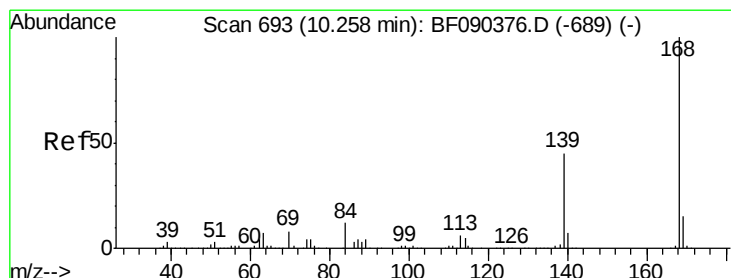
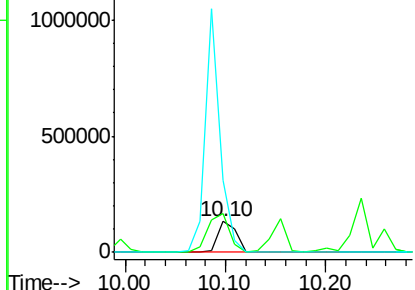
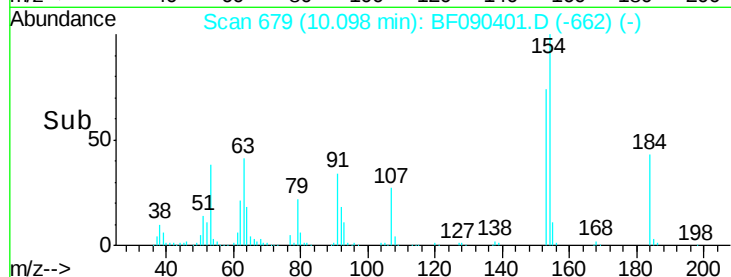
#53
2,4-Dinitrophenol
Concen: 54.57 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

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

Tgt Ion:184 Resp: 170159
Ion Ratio Lower Upper
184 100
63 124.9 41.9 62.9#
154 236.9 48.9 73.3#

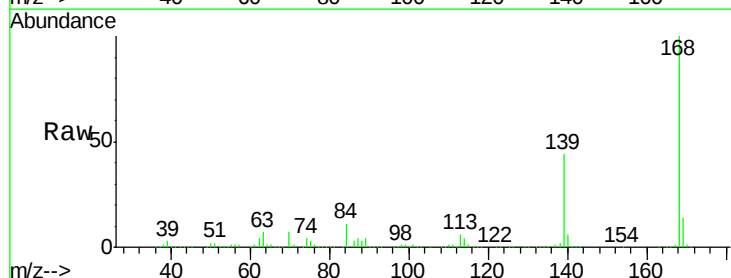


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

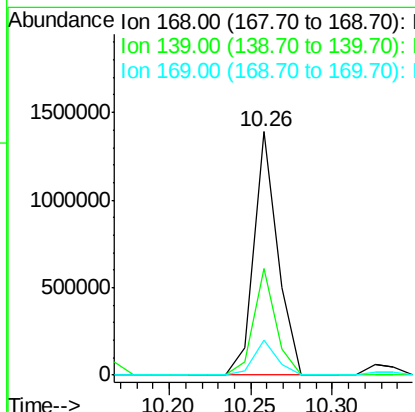
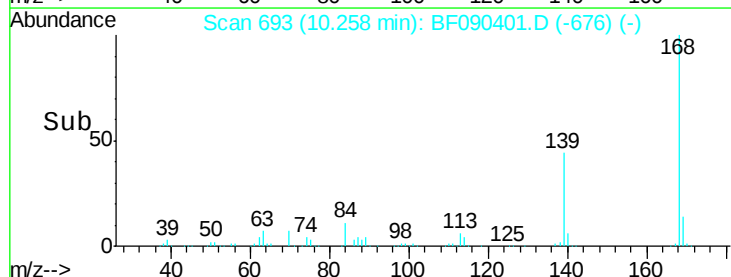


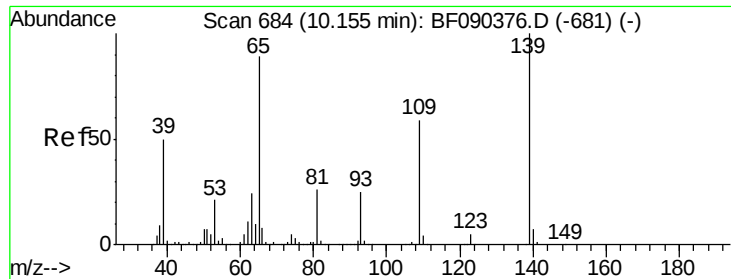
#54
Dibenzofuran
Concen: 39.36 ng
RT: 10.26 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion:168 Resp: 1411414
Ion Ratio Lower Upper
168 100
139 43.9 29.6 44.4
169 14.4 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

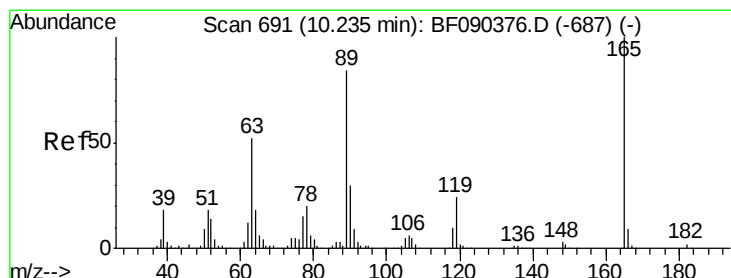
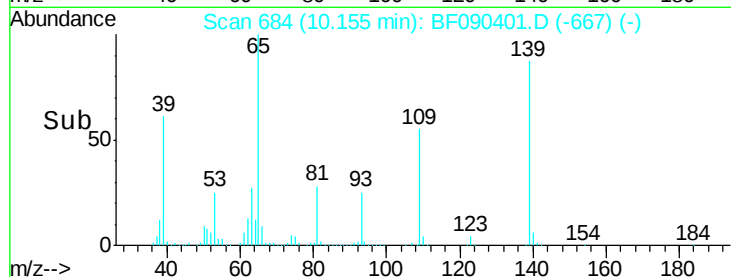
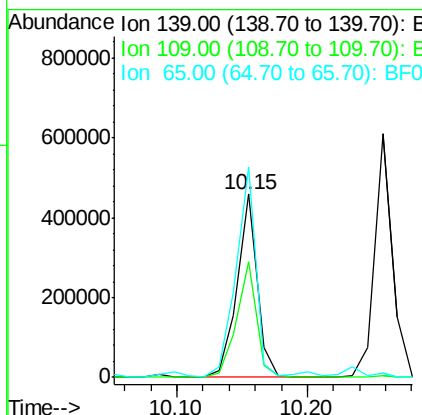
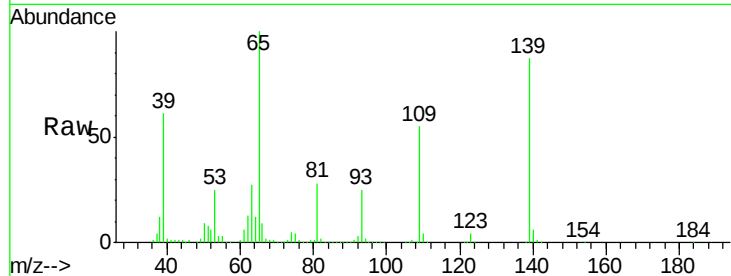




#55
4-Nitrophenol
Concen: 68.02 ng
RT: 10.15 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

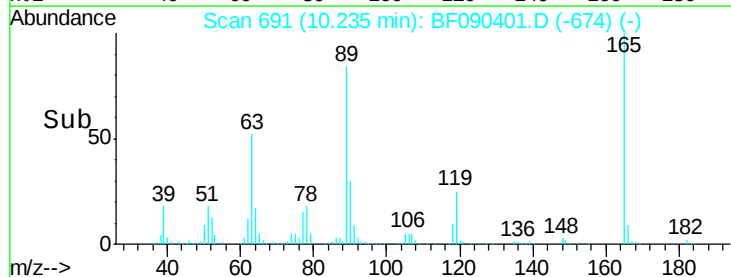
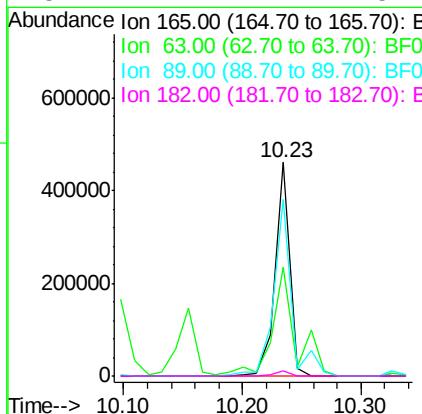
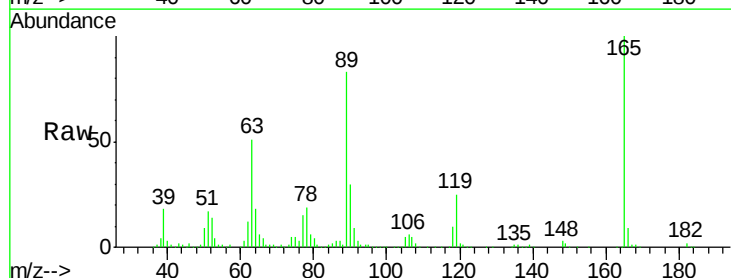
Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

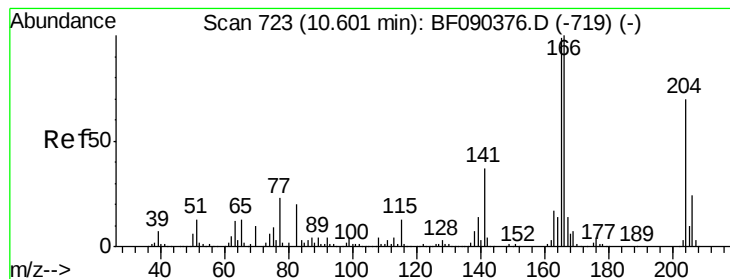
Tgt Ion:139 Resp: 486155
Ion Ratio Lower Upper
139 100
109 63.1 43.6 83.6
65 115.2 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 42.32 ng
RT: 10.23 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion:165 Resp: 393838
Ion Ratio Lower Upper
165 100
63 50.9 17.8 26.6#
89 82.6 33.2 49.8#
182 2.2 2.1 3.1





#57

Fluorene

Concen: 39.21 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

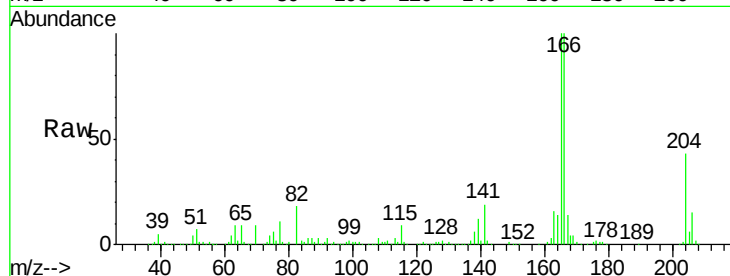
Tgt Ion:166 Resp: 1181672

Ion Ratio Lower Upper

166 100

165 99.6 79.2 118.8

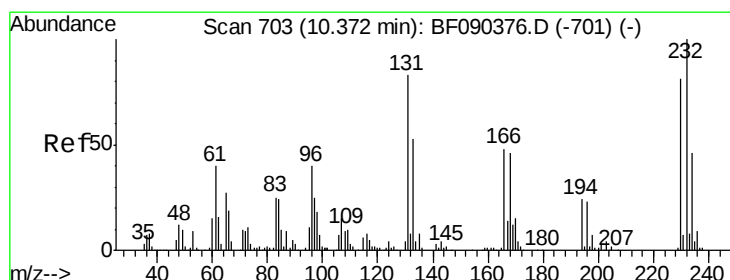
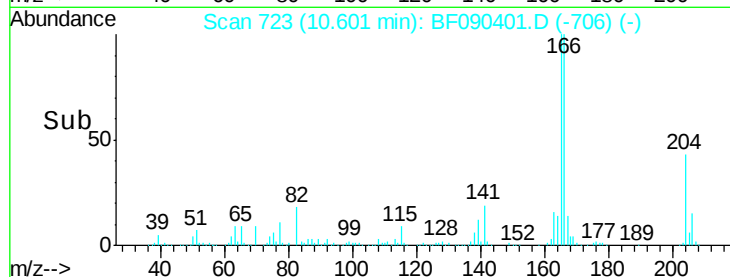
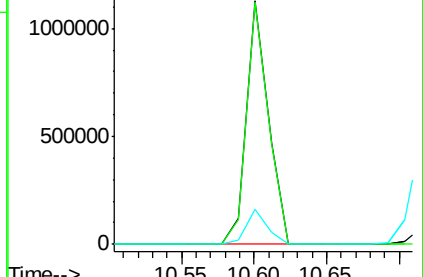
167 14.2 11.1 16.7



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: 42.54 ng

RT: 10.37 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion:232 Resp: 268761

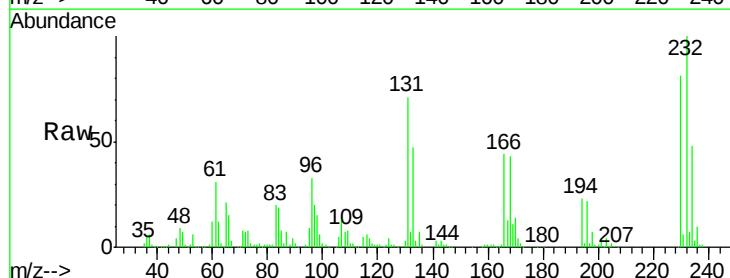
Ion Ratio Lower Upper

232 100

131 60.0 34.5 51.7#

130 2.7 1.6 2.4#

166 38.4 23.8 35.8#

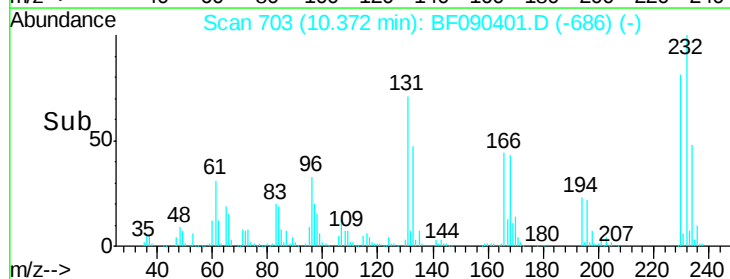
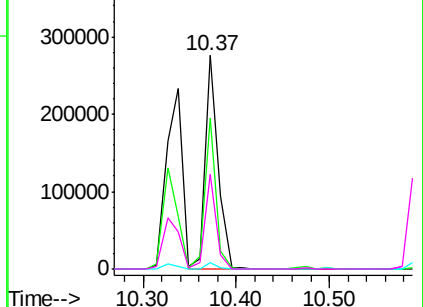


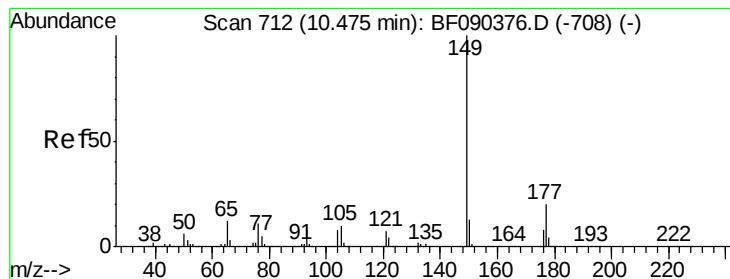
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.82 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

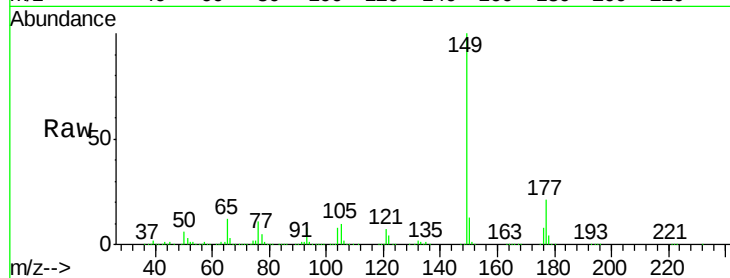
Tgt Ion:149 Resp: 1297859

Ion Ratio Lower Upper

149 100

177 20.6 21.1 31.7#

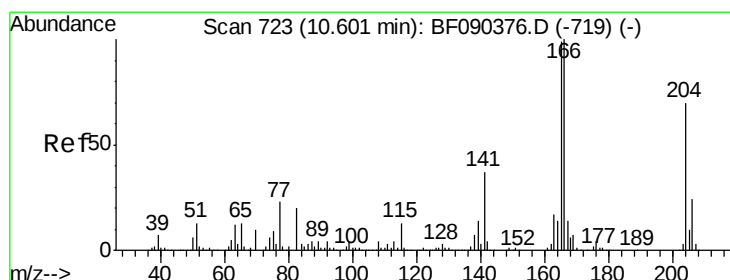
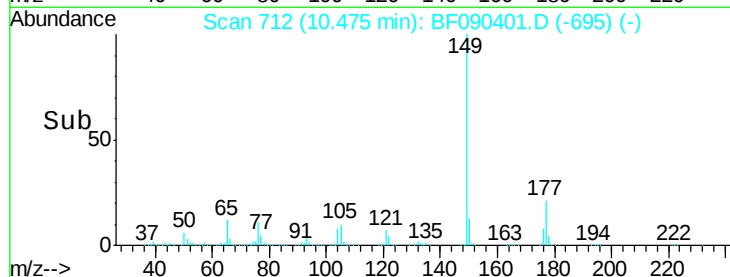
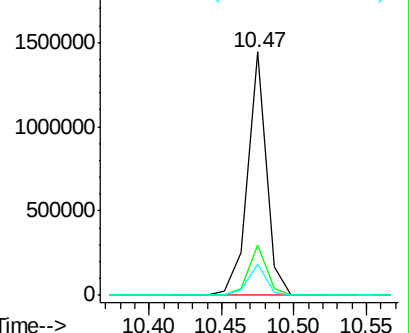
150 12.8 10.2 15.2



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: 41.19 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

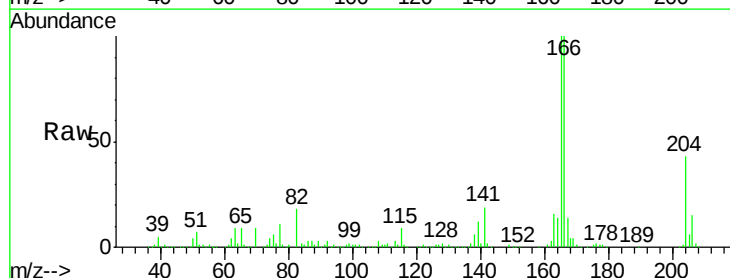
Tgt Ion:204 Resp: 564427

Ion Ratio Lower Upper

204 100

206 33.6 26.7 40.1

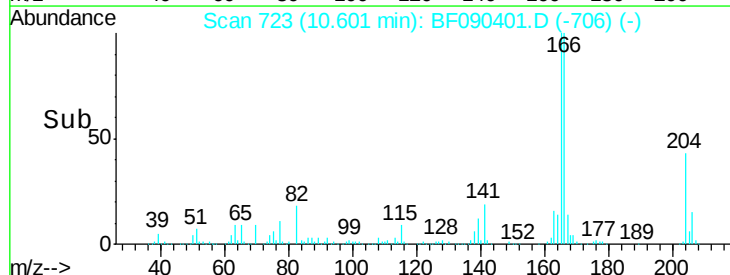
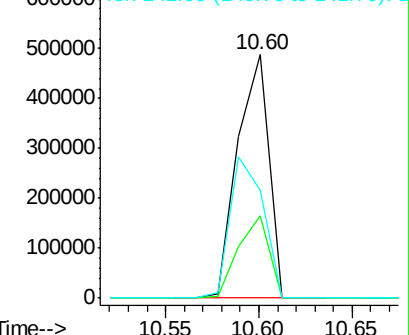
141 44.4 51.7 77.5#

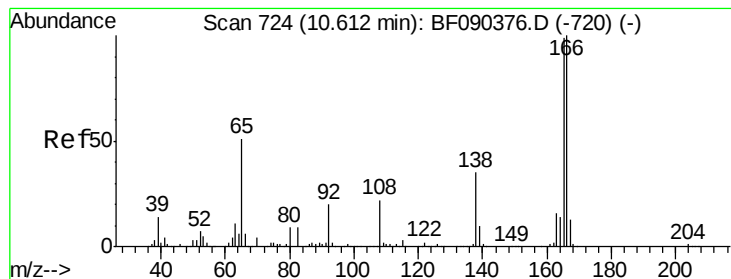


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.01 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

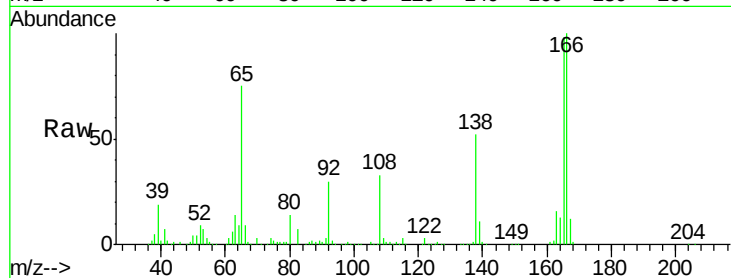
Tgt Ion:138 Resp: 329315

Ion Ratio Lower Upper

138 100

92 57.8 33.2 73.2

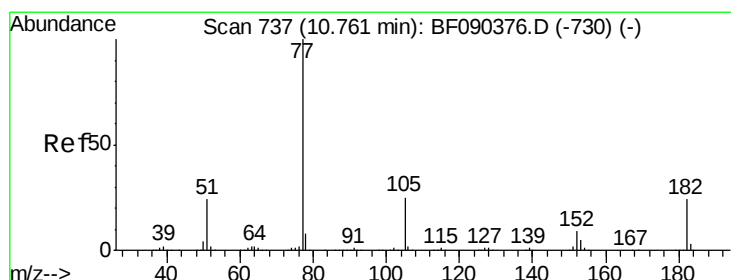
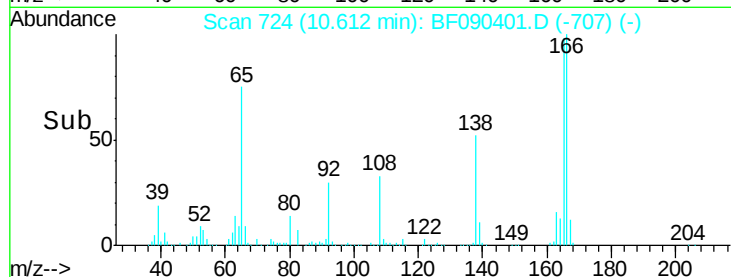
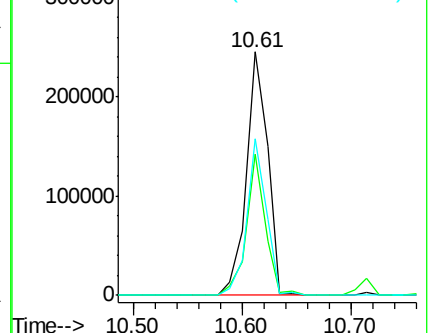
108 64.1 48.5 88.5



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: 45.51 ng

RT: 10.76 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion: 77 Resp: 1713312

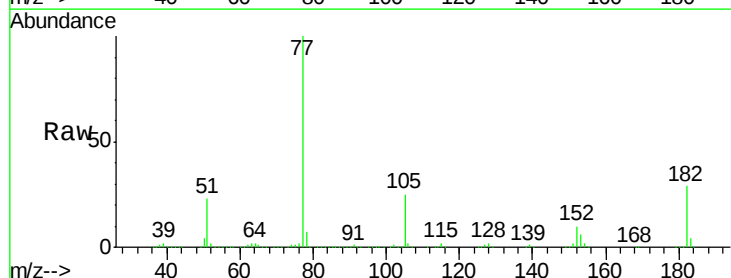
Ion Ratio Lower Upper

77 100

182 28.8 3.2 43.2

105 25.0 2.9 42.9

51 22.7 14.2 54.2

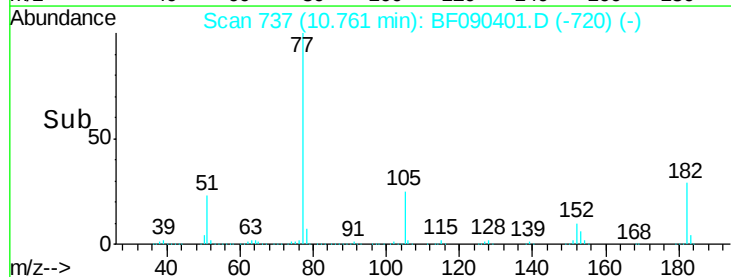
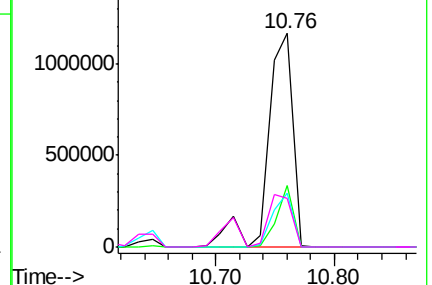


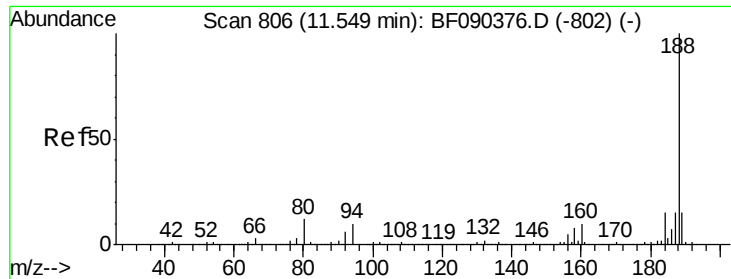
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

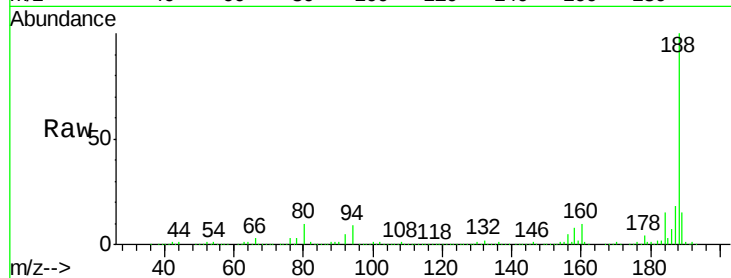




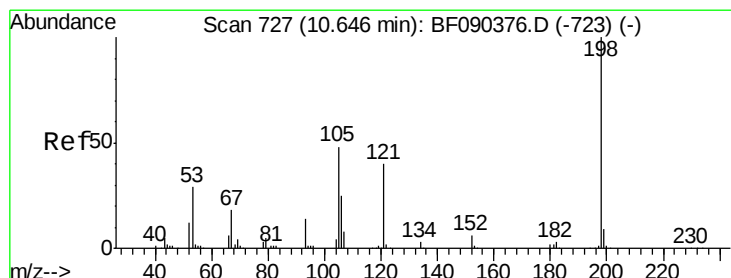
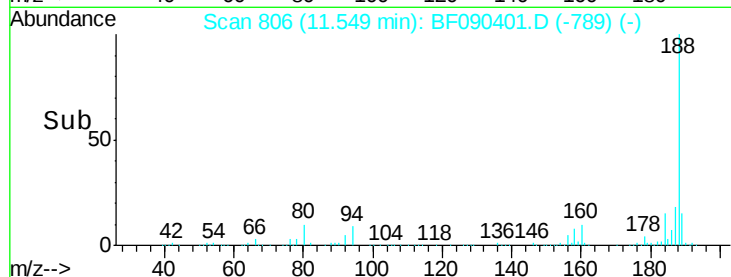
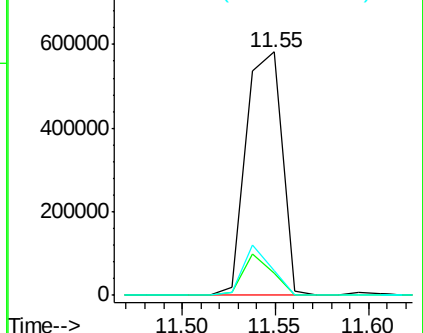
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

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

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	790097		
94	9.1		8.2	12.2
80	10.3		8.8	13.2

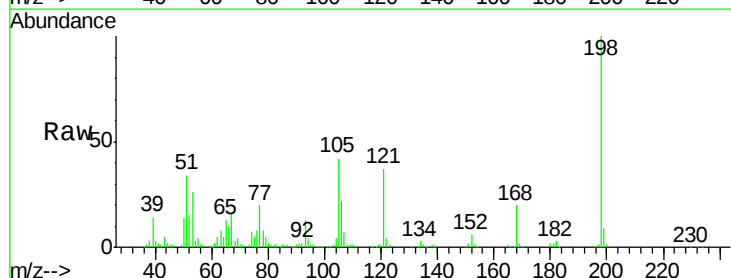


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

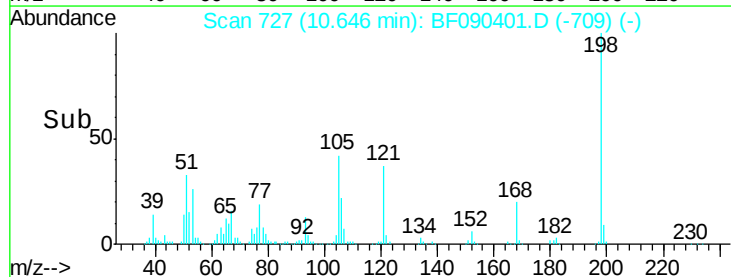
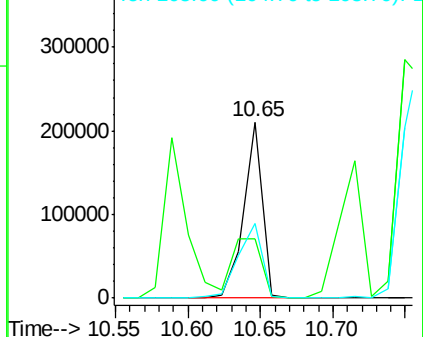


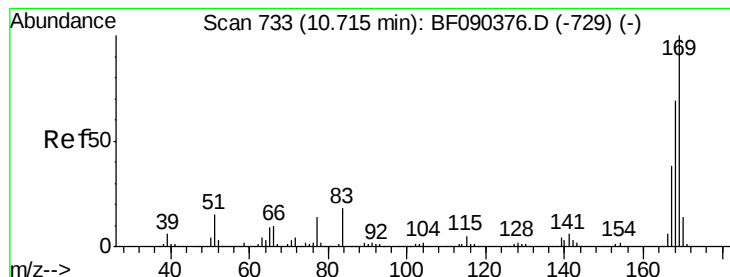
#64
4,6-Dinitro-2-methylphenol
Concen: 36.72 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	188172		
51	33.6		67.3	107.3#
105	42.1		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

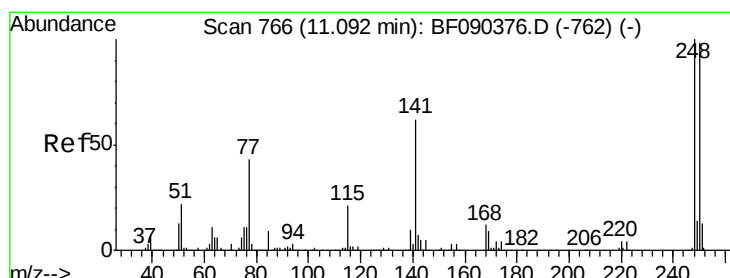
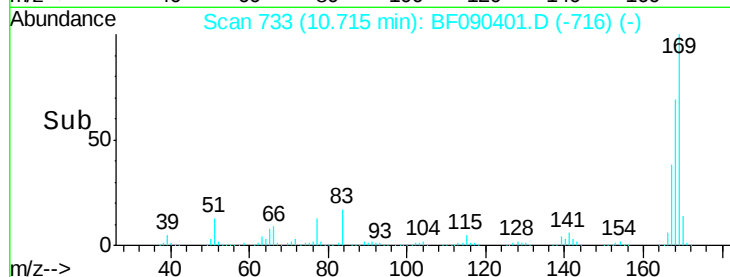
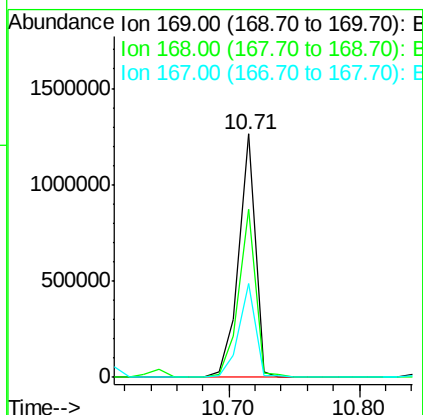
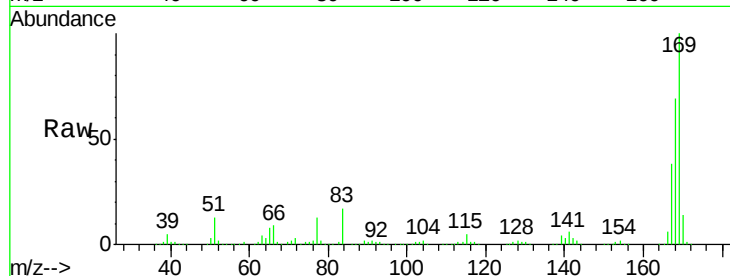




#65
 n-Nitrosodiphenylamine
 Concen: 42.15 ng
 RT: 10.71 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

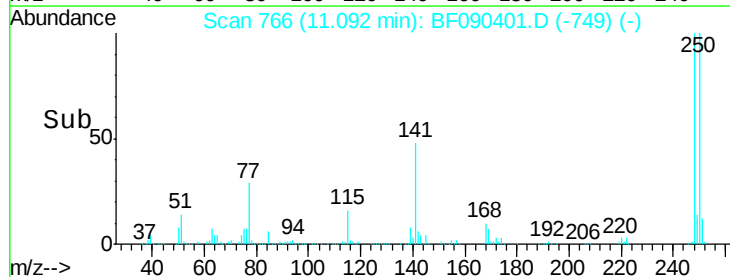
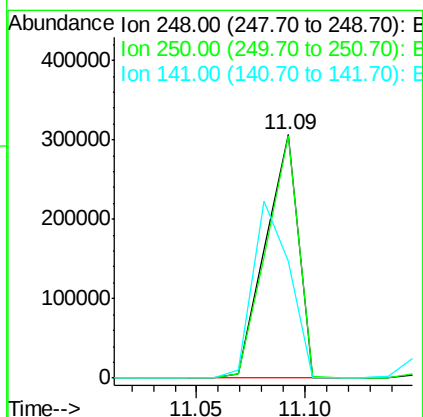
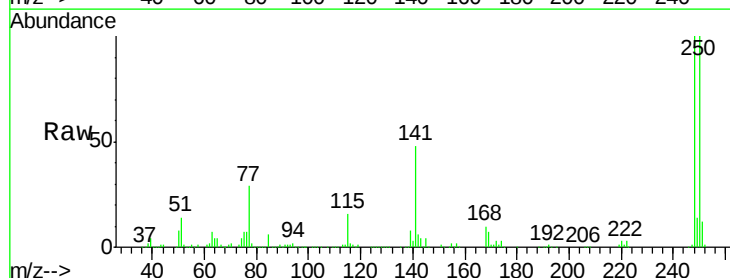
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

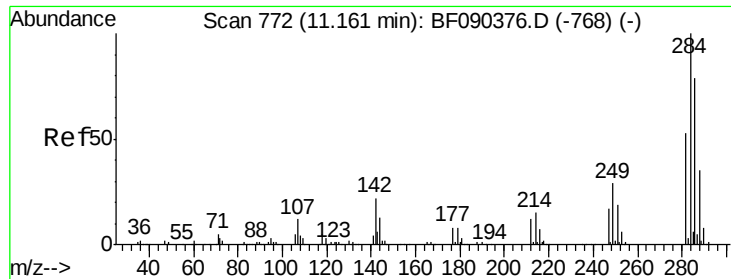
Tgt Ion:169 Resp: 1115882
 Ion Ratio Lower Upper
 169 100
 168 69.1 53.8 80.6
 167 38.5 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 41.98 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion:248 Resp: 325095
 Ion Ratio Lower Upper
 248 100
 250 99.7 76.5 114.7
 141 47.9 59.8 89.6#

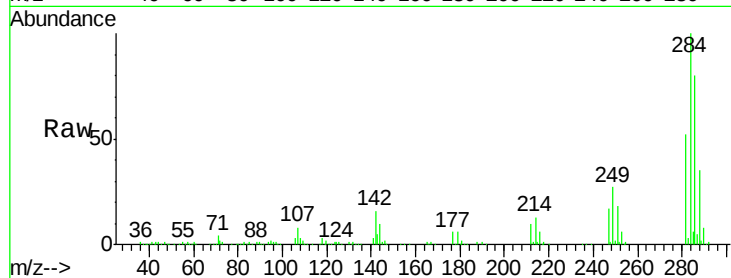




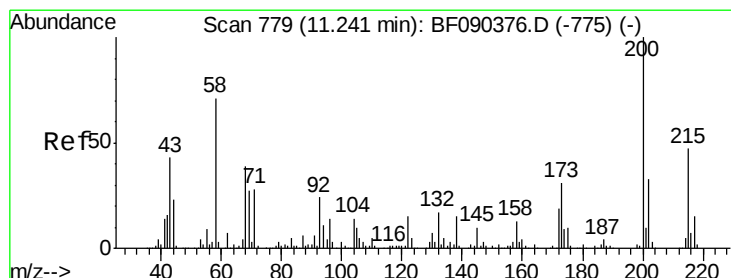
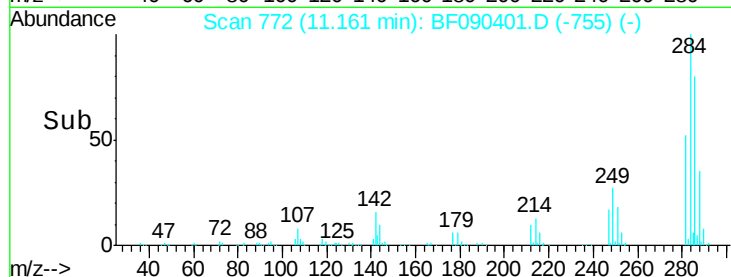
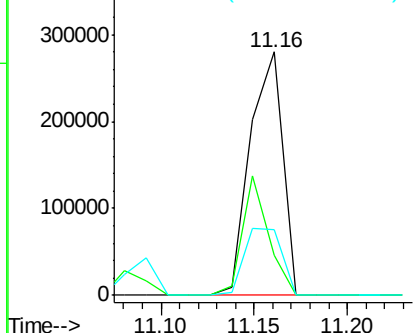
#67
Hexachlorobenzene
Concen: 39.16 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

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

Tgt Ion:284 Resp: 337740
Ion Ratio Lower Upper
284 100
142 16.3 23.1 34.7#
249 27.2 26.3 39.5

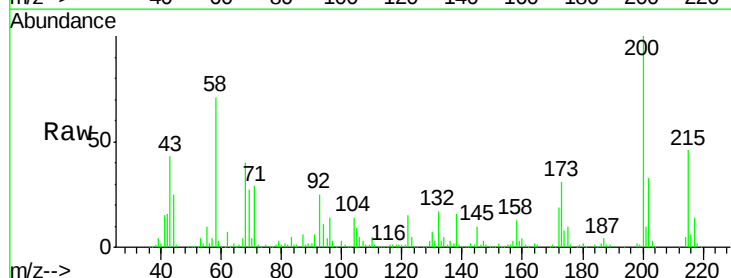


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

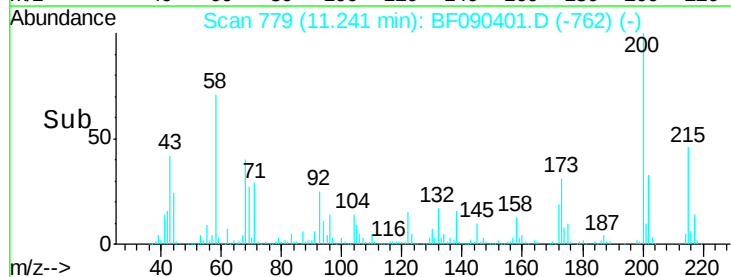
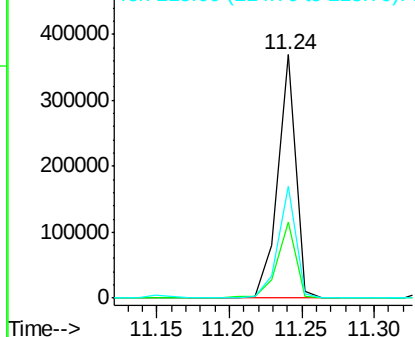


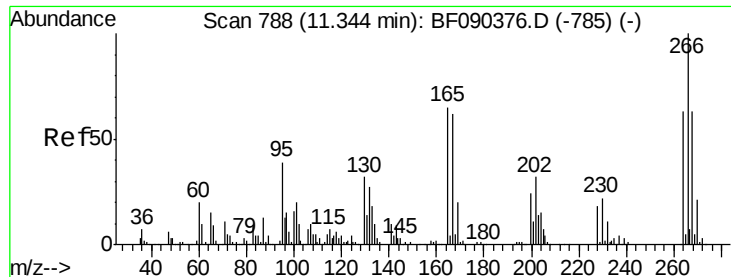
#68
Atrazine
Concen: 48.69 ng
RT: 11.24 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion:200 Resp: 317869
Ion Ratio Lower Upper
200 100
173 31.0 9.0 49.0
215 46.1 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

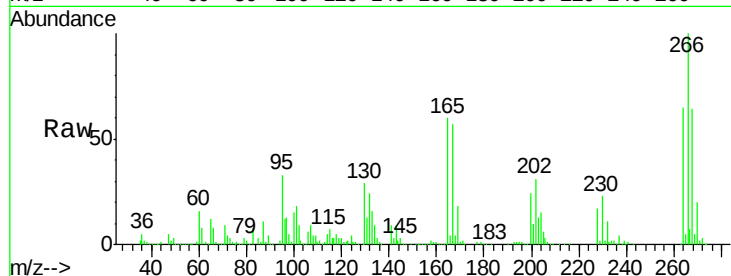




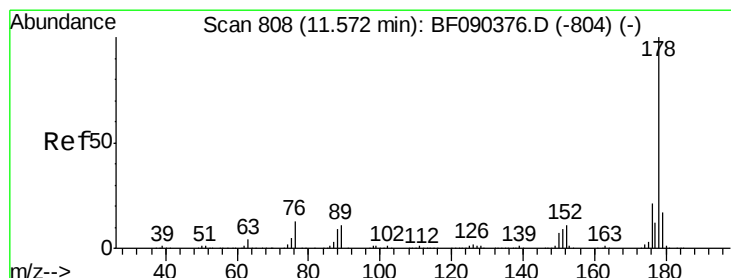
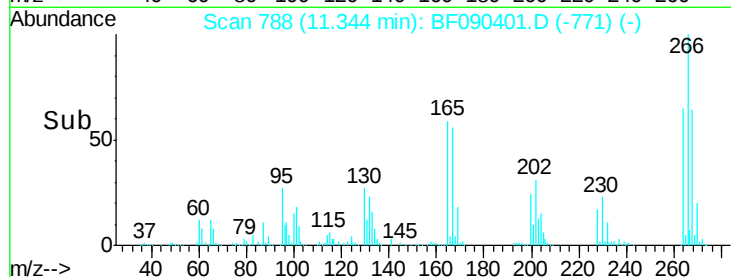
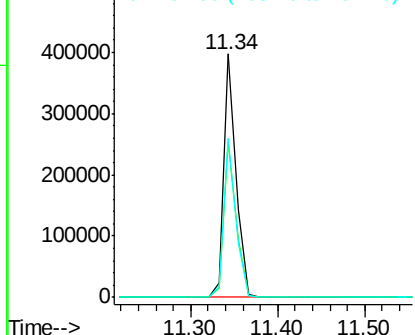
#69
 Pentachlorophenol
 Concen: 77.11 ng
 RT: 11.34 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

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

Tgt Ion:266 Resp: 395892
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.9 76.3
 264 65.3 51.5 77.3

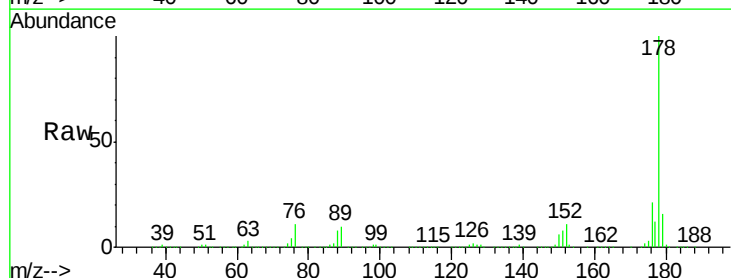


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

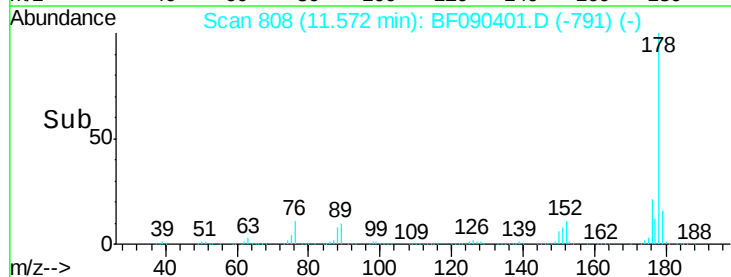
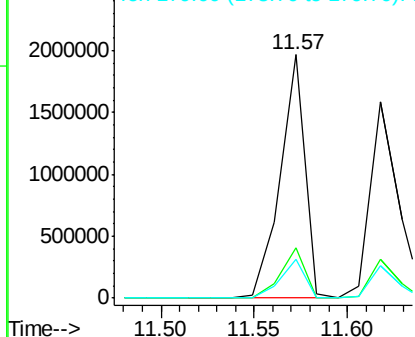


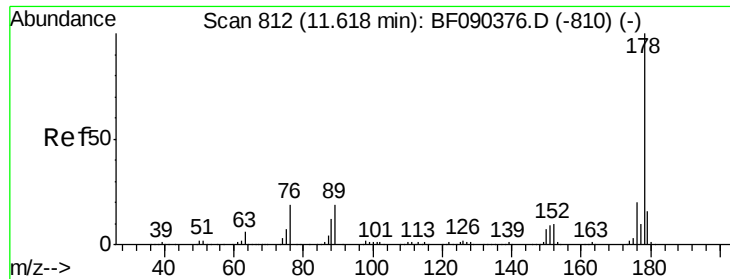
#70
 Phenanthrene
 Concen: 44.68 ng
 RT: 11.57 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion:178 Resp: 1807826
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.3 25.9
 179 16.1 13.8 20.6



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





#71

Anthracene

Concen: 38.64 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

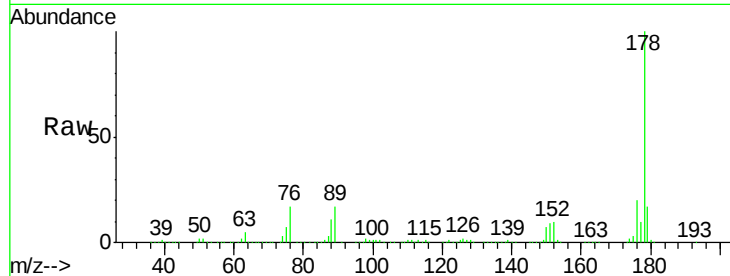
Tgt Ion:178 Resp: 1596620

Ion Ratio Lower Upper

178 100

176 19.8 16.8 25.2

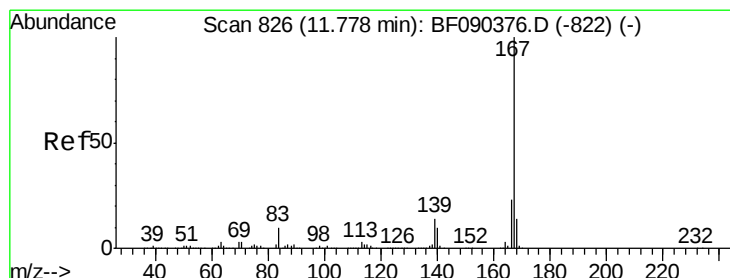
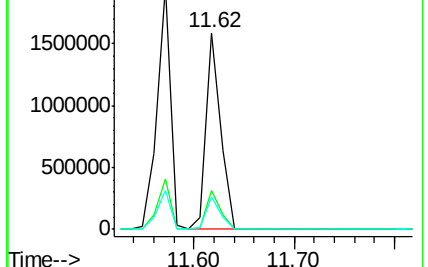
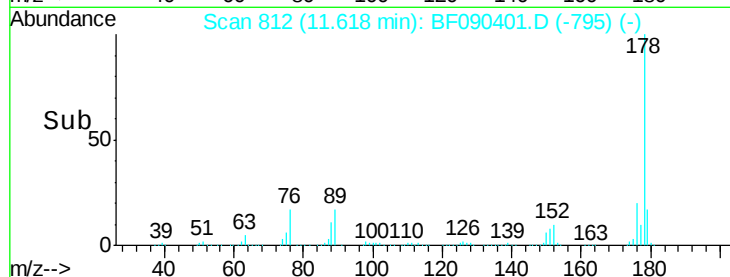
179 16.7 13.4 20.2



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: 41.14 ng

RT: 11.78 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

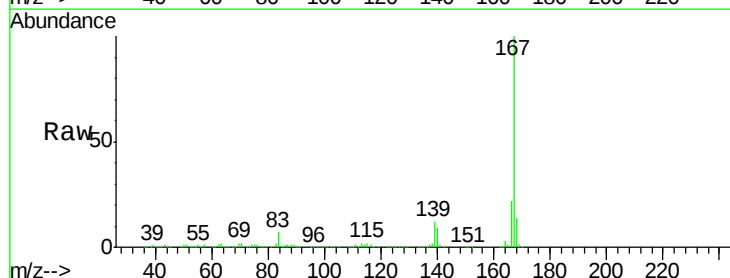
Tgt Ion:167 Resp: 1579198

Ion Ratio Lower Upper

167 100

166 22.3 19.1 28.7

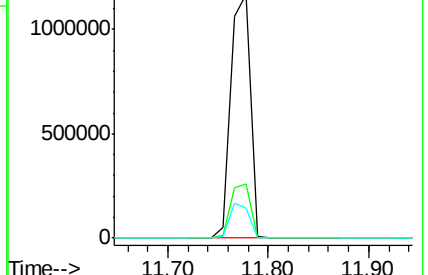
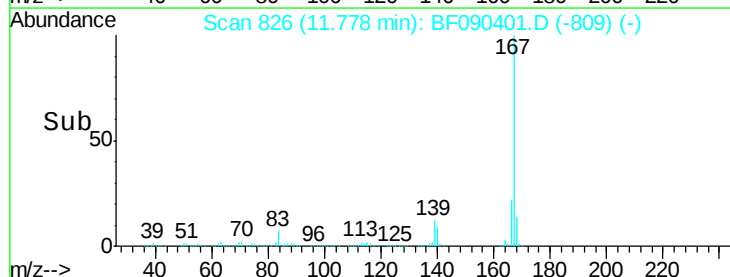
139 12.1 12.1 18.1#

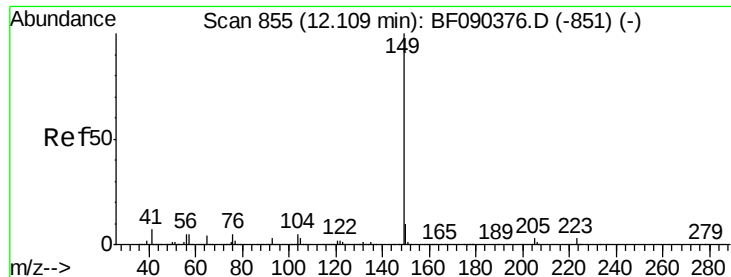


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

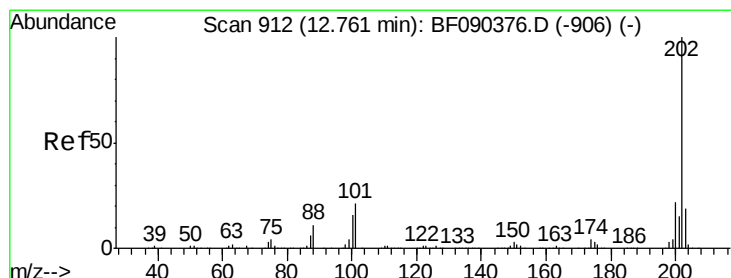
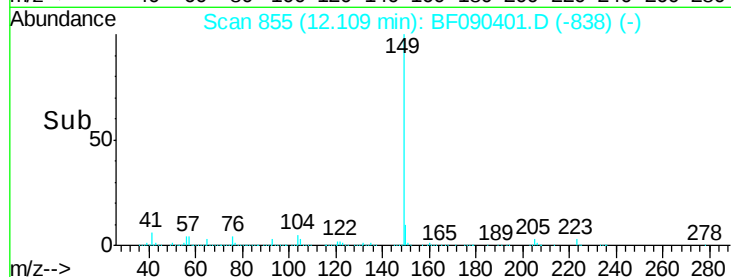
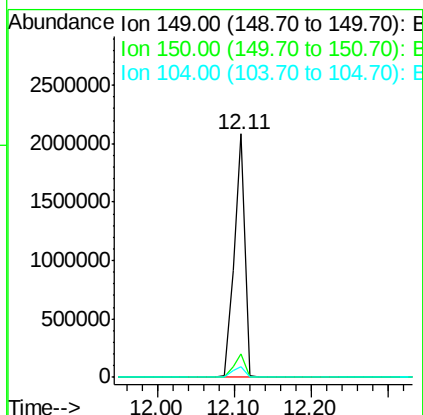
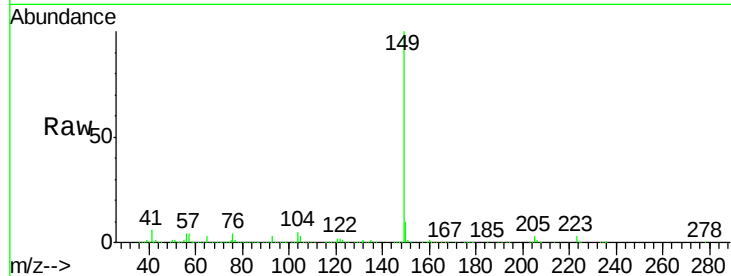




#73
Di-n-butylphthalate
Concen: 44.48 ng
RT: 12.11 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

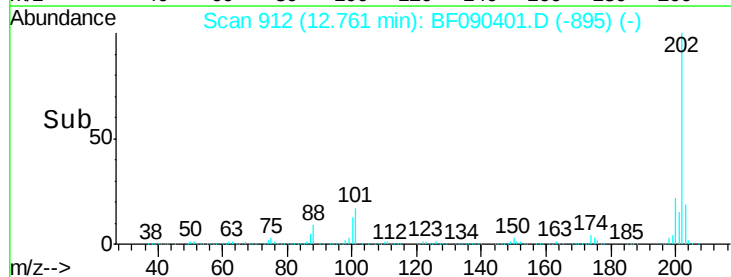
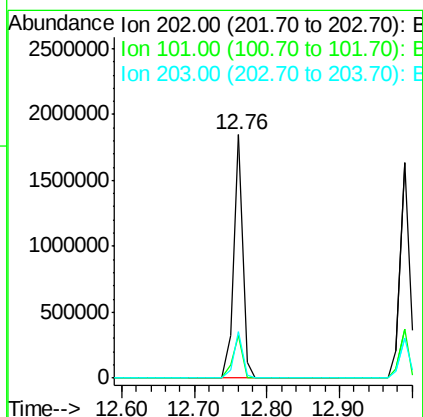
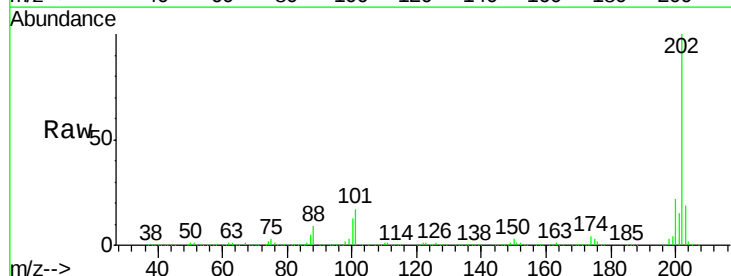
Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

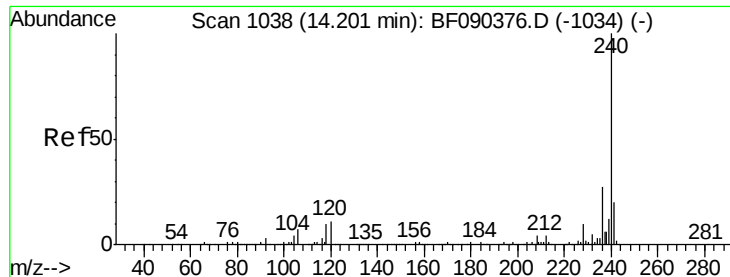
Tgt Ion:149 Resp: 2077881
Ion Ratio Lower Upper
149 100
150 9.7 8.6 12.8
104 4.6 4.7 7.1#



#74
Fluoranthene
Concen: 39.91 ng
RT: 12.76 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion:202 Resp: 1583802
Ion Ratio Lower Upper
202 100
101 17.4 0.0 37.2
203 18.9 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

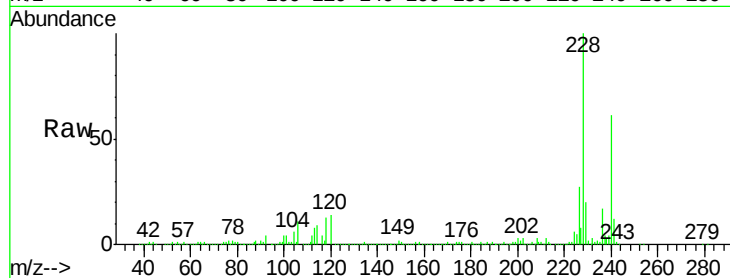
Tgt Ion:240 Resp: 537098

Ion Ratio Lower Upper

240 100

120 23.0 8.6 13.0#

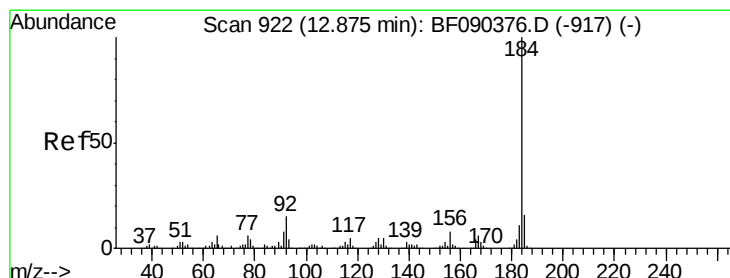
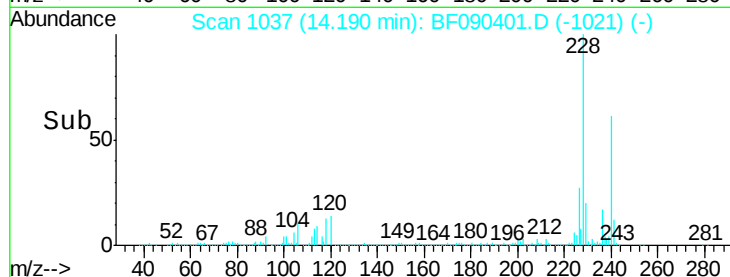
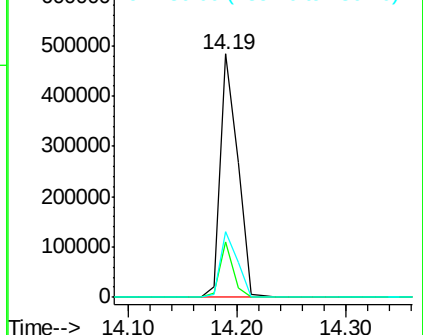
236 27.3 21.6 32.4



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: 57.25 ng

RT: 12.88 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

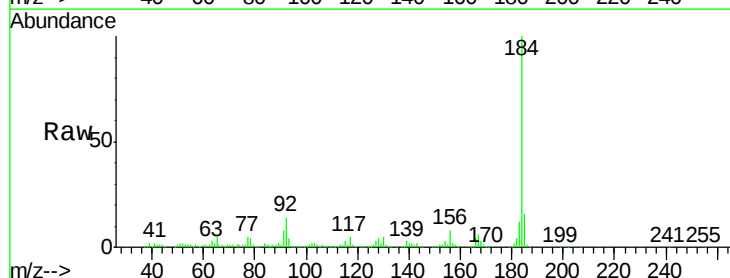
Tgt Ion:184 Resp: 808551

Ion Ratio Lower Upper

184 100

185 15.7 11.8 17.8

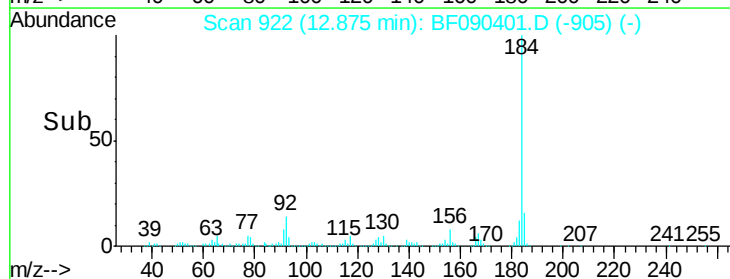
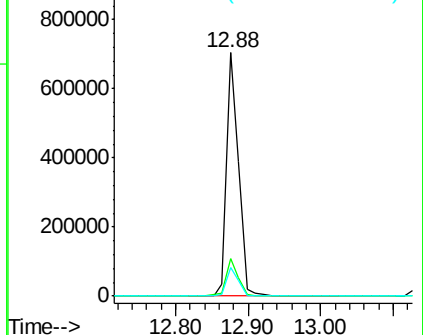
183 11.8 9.6 14.4

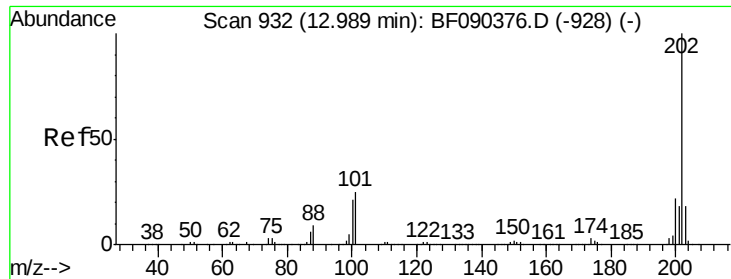


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

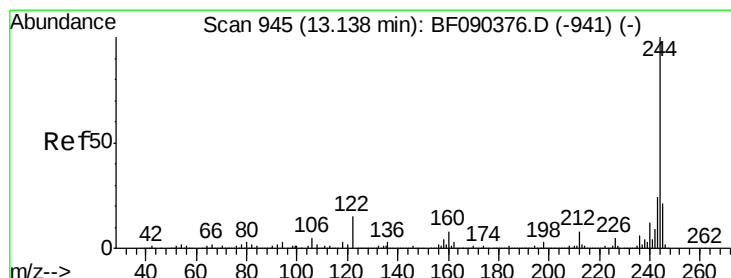
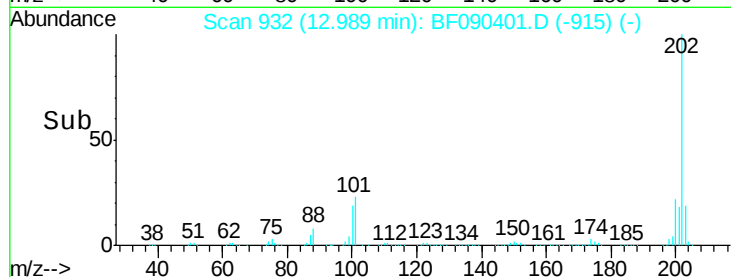
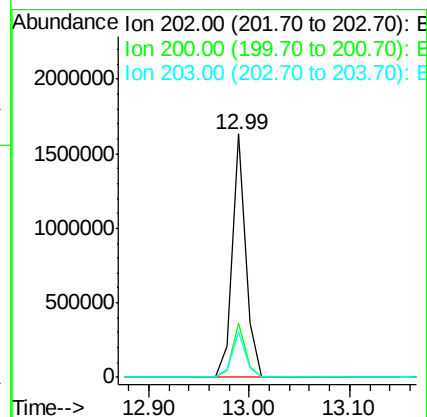
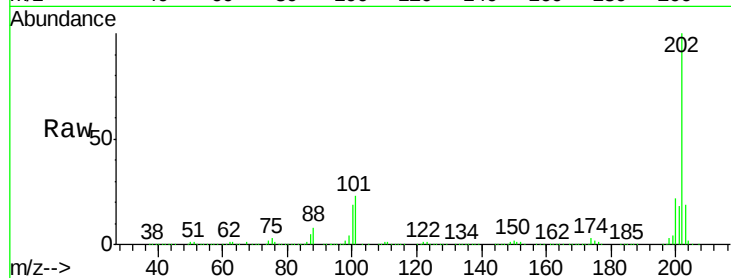




#77
 Pyrene
 Concen: 42.48 ng
 RT: 12.99 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

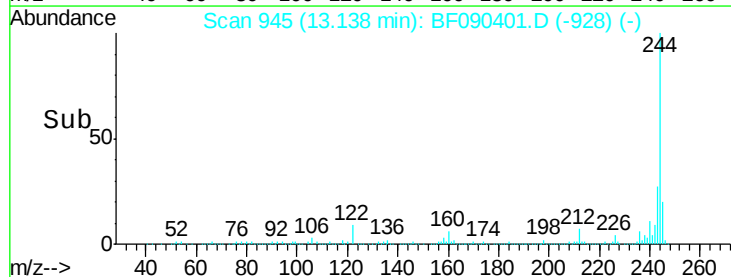
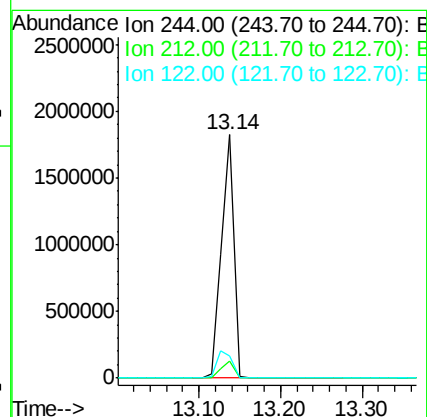
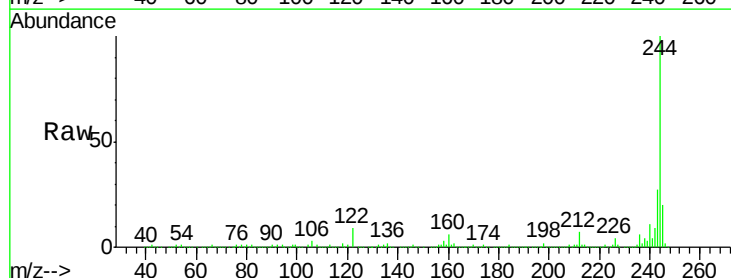
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

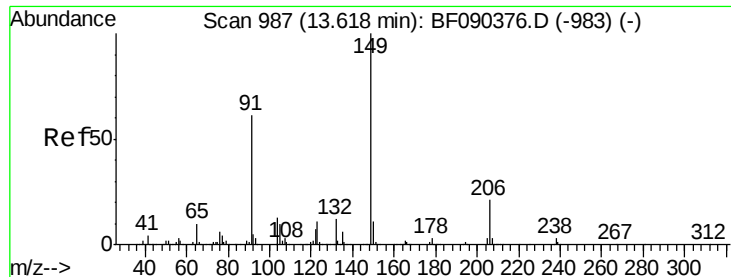
Tgt Ion: 202 Resp: 1521351
 Ion Ratio Lower Upper
 202 100
 200 22.3 18.5 27.7
 203 18.6 15.0 22.6



#78
 Terphenyl-d14
 Concen: 80.30 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion: 244 Resp: 1918501
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.8 10.2#
 122 8.9 13.3 19.9#

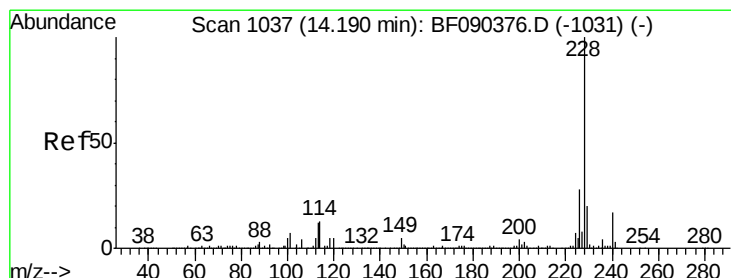
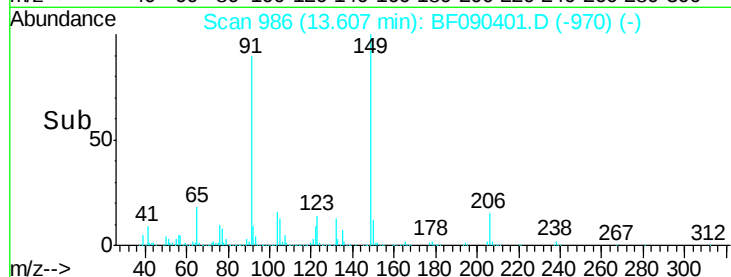
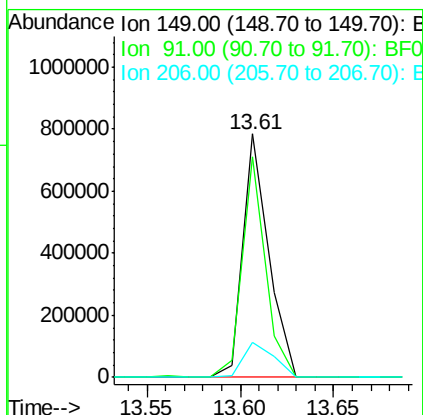
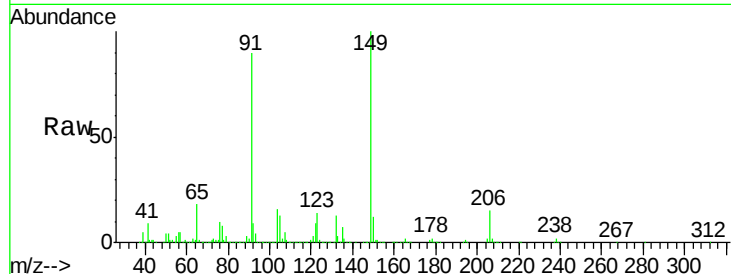




#79
Butylbenzylphthalate
Concen: 41.21 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

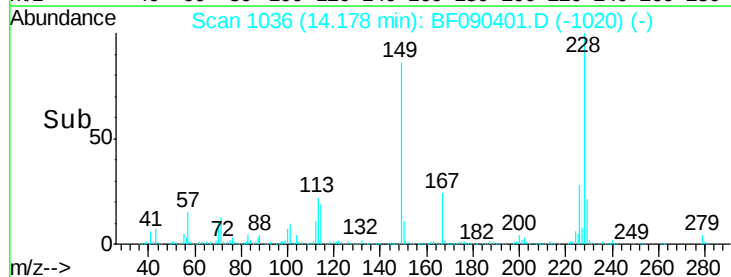
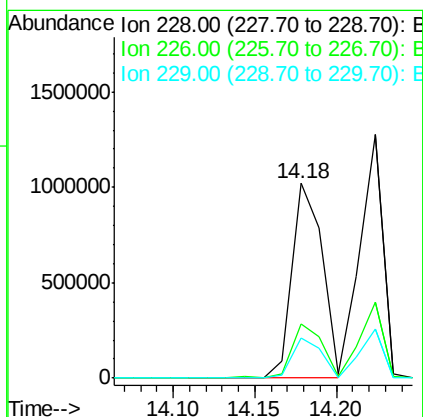
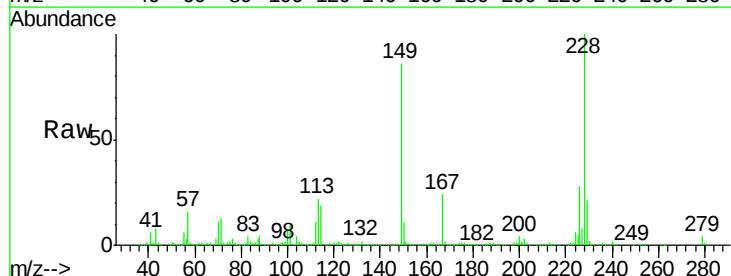
Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

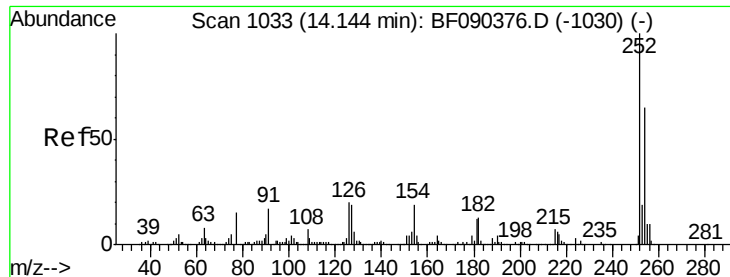
Tgt Ion:149 Resp: 757283
Ion Ratio Lower Upper
149 100
91 90.5 51.8 77.8#
206 14.6 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 43.75 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion:228 Resp: 1318465
Ion Ratio Lower Upper
228 100
226 27.8 23.6 35.4
229 20.8 16.6 25.0

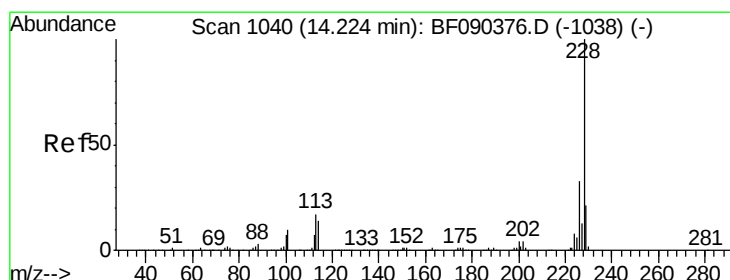
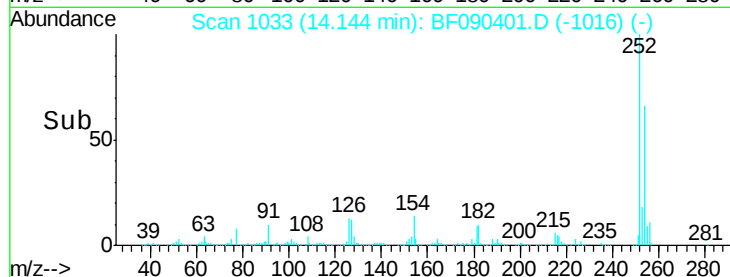
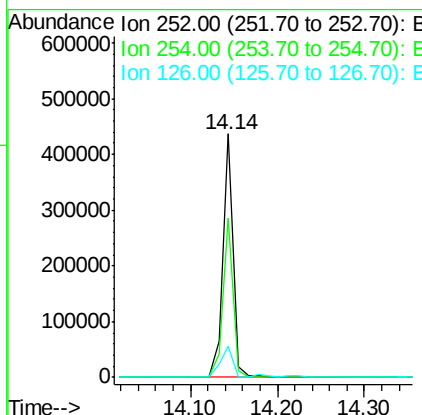
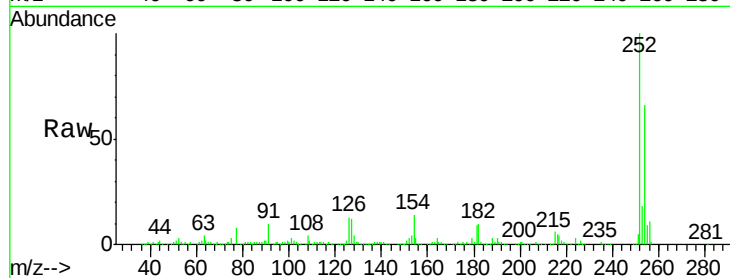




#81
 3,3'-Dichlorobenzidine
 Concen: 33.44 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

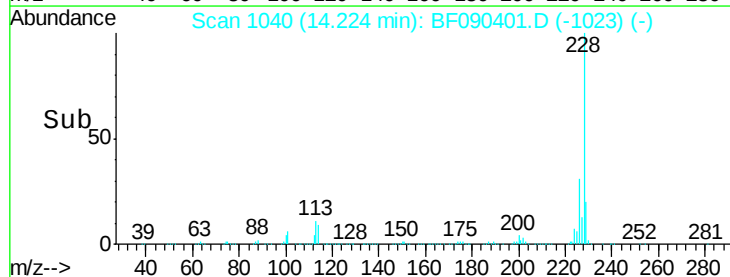
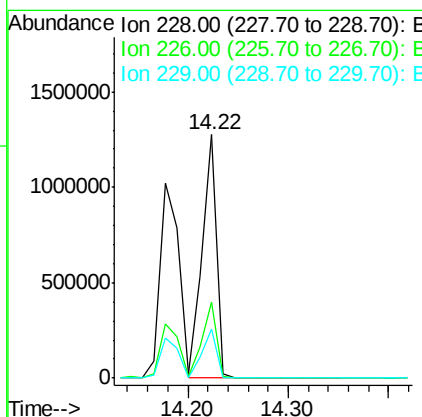
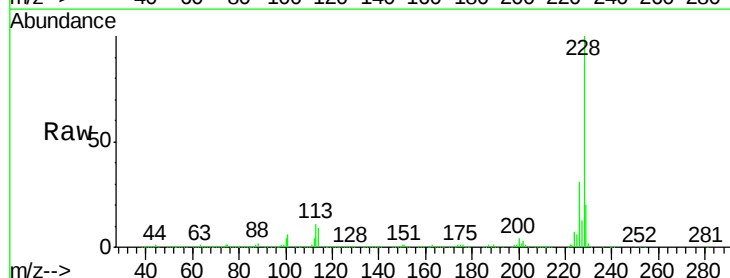
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

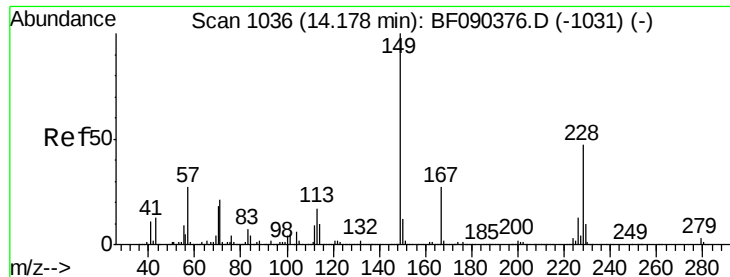
Tgt Ion:252 Resp: 365332
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.1 78.1
 126 12.9 4.2 6.4#



#82
 Chrysene
 Concen: 45.59 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion:228 Resp: 1264434
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.8 38.6
 229 20.2 16.9 25.3

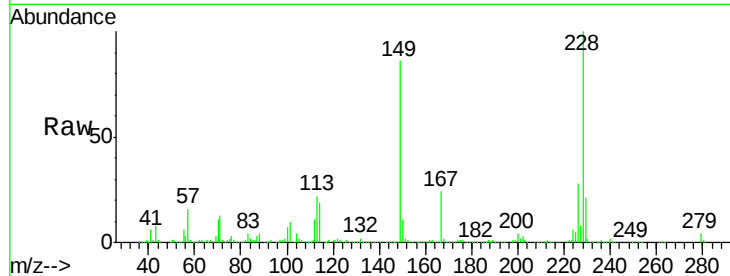




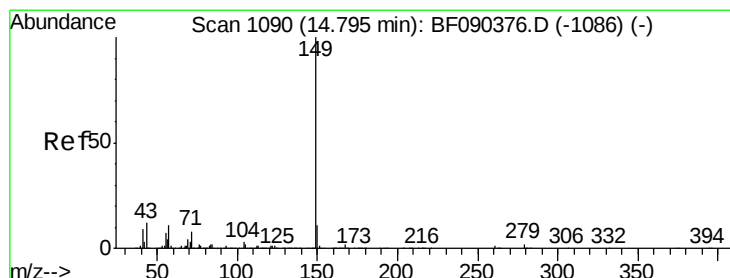
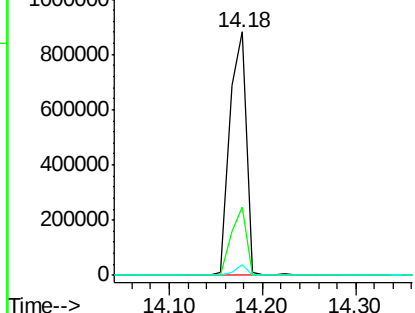
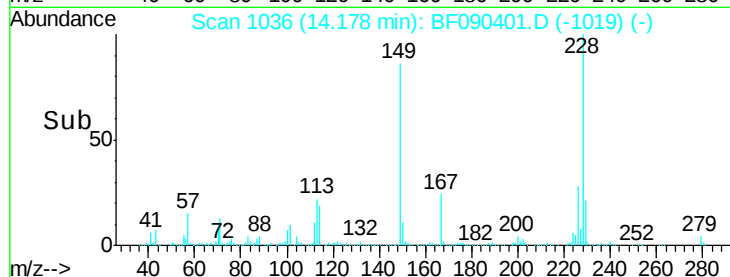
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.20 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

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

Tgt Ion:149 Resp: 1102309
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.5 32.3
 279 4.4 2.6 3.8#

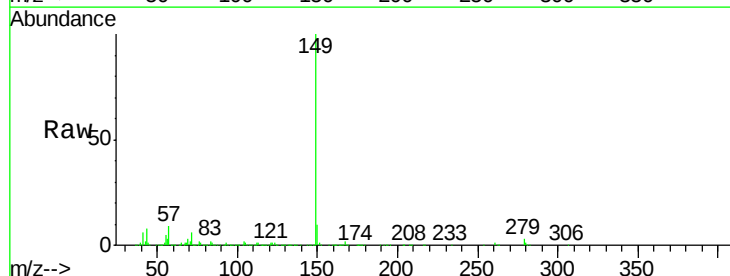


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

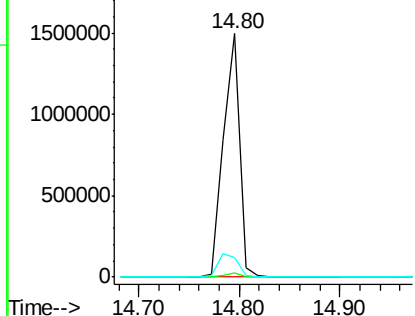
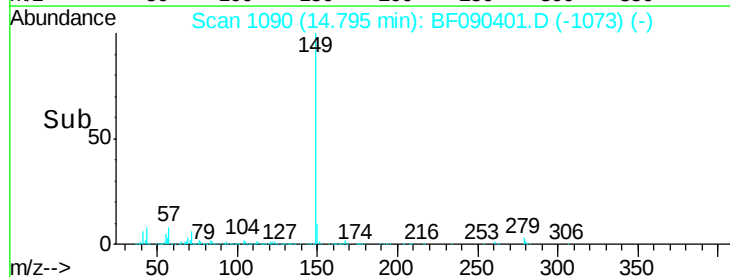


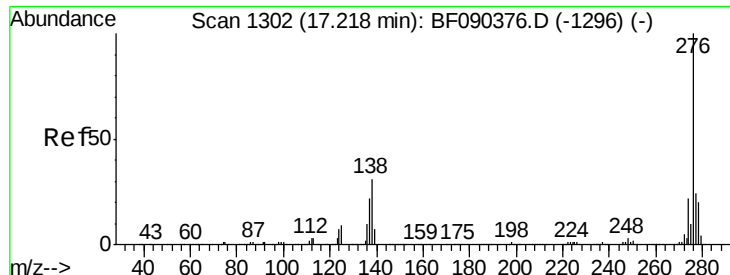
#84
 Di-n-octyl phthalate
 Concen: 42.88 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion:149 Resp: 1660482
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.5 11.8 17.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

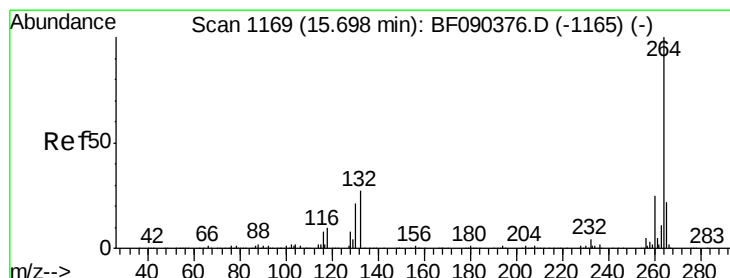
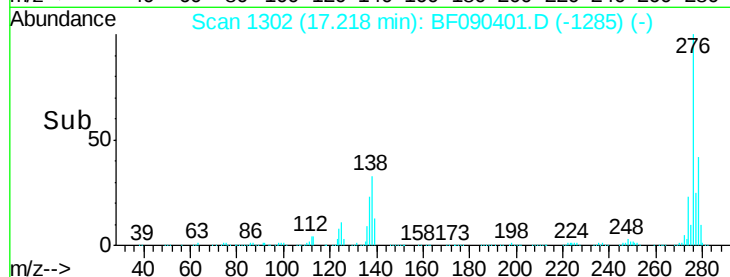
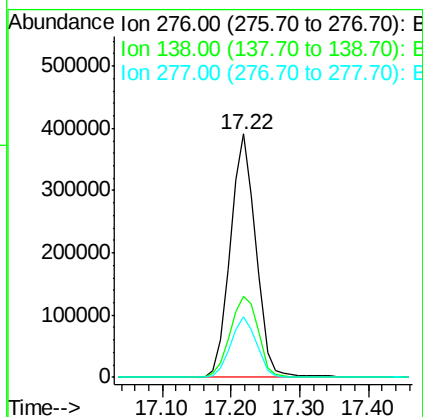
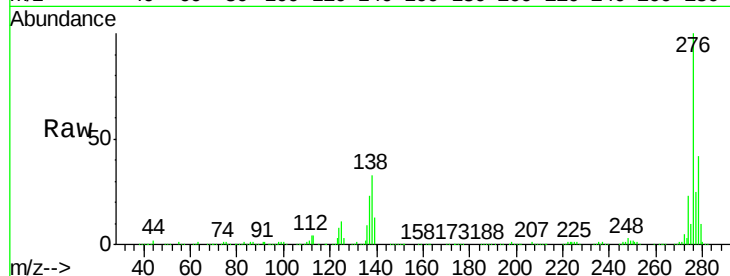




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.50 ng
 RT: 17.22 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

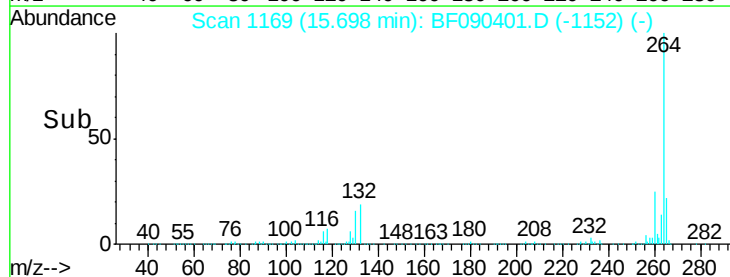
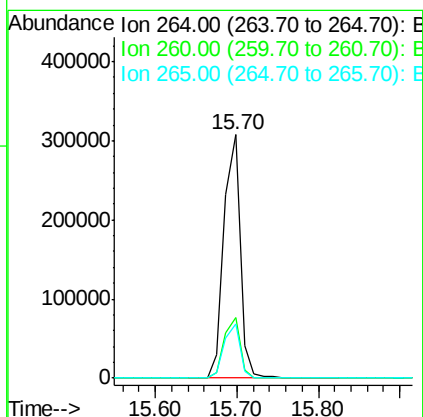
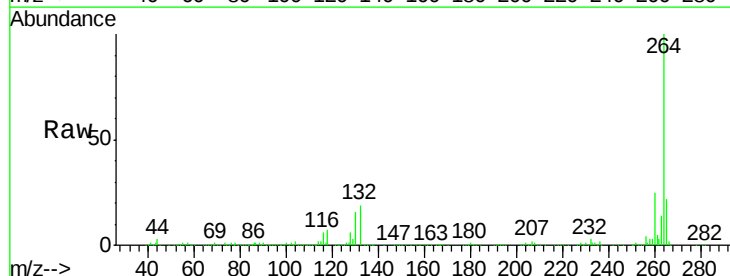
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

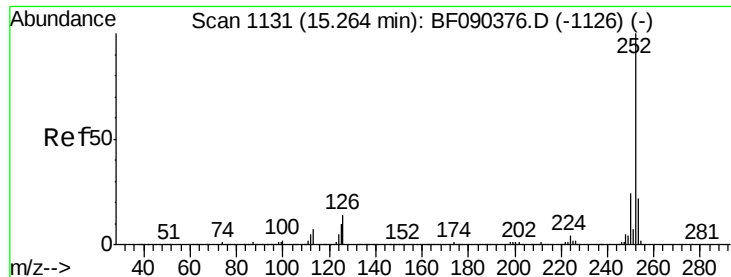
Tgt Ion: 276 Resp: 1018299
 Ion Ratio Lower Upper
 276 100
 138 36.8 23.8 35.8#
 277 25.2 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion: 264 Resp: 427861
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 22.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 36.67 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.01 min

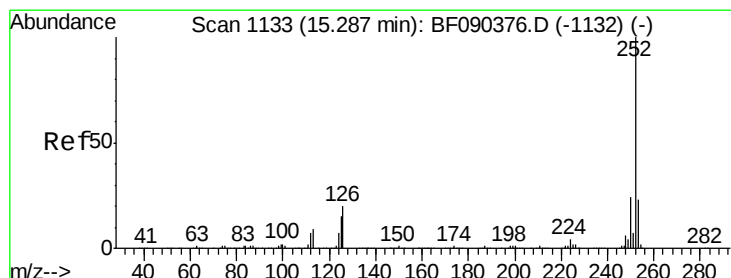
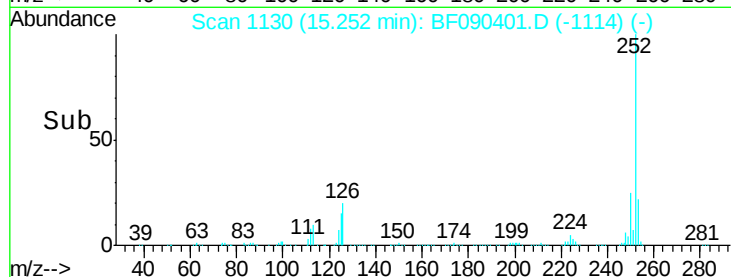
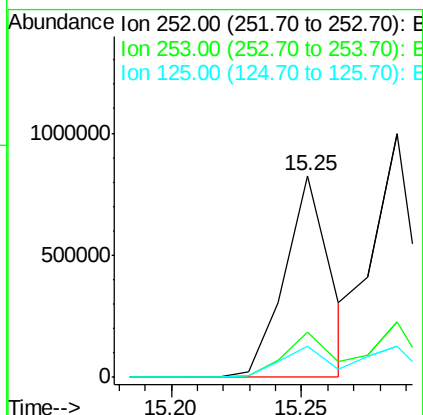
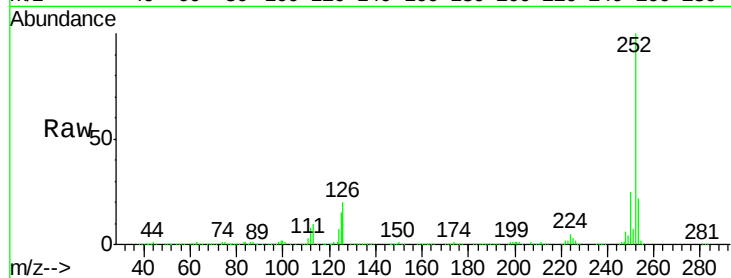
Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

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

Tgt Ion:252 Resp: 999457

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	15.2	7.0	10.4



#88

Benzo(k)fluoranthene

Concen: 39.04 ng

RT: 15.25 min Scan# 1130

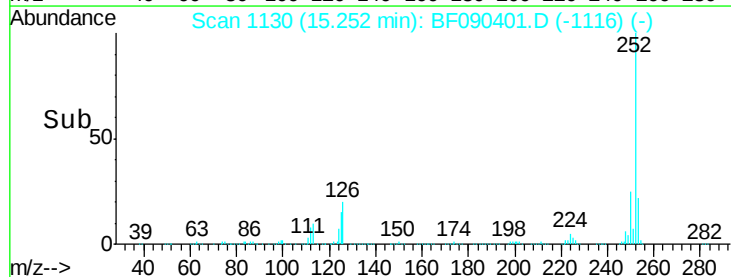
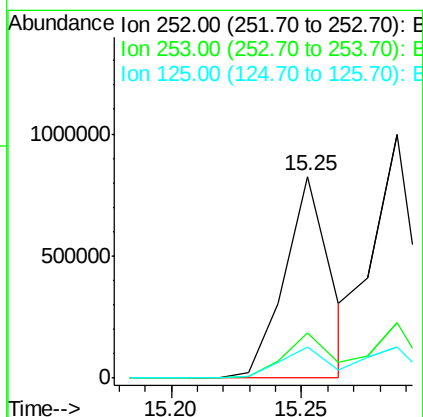
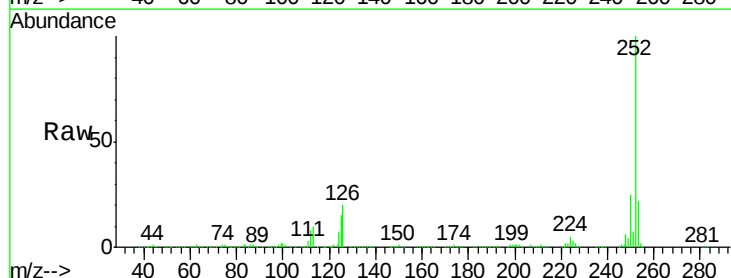
Delta R.T. -0.03 min

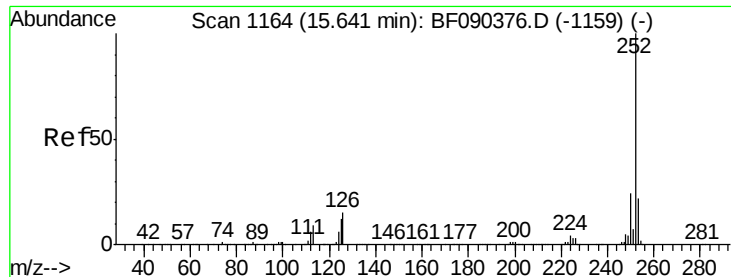
Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion:252 Resp: 999457

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	15.2	11.7	17.5





#89

Benzo(a)pyrene

Concen: 40.86 ng

RT: 15.63 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

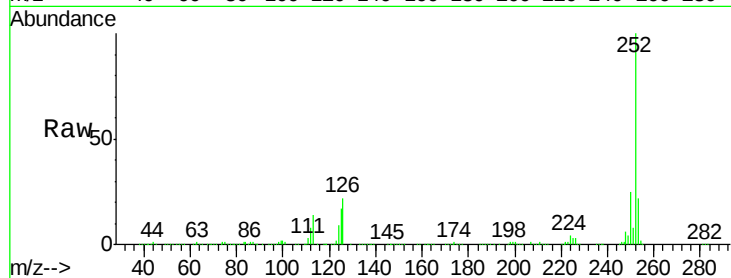
Tgt Ion:252 Resp: 959749

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

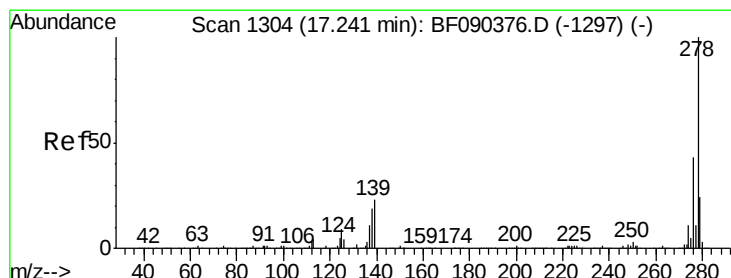
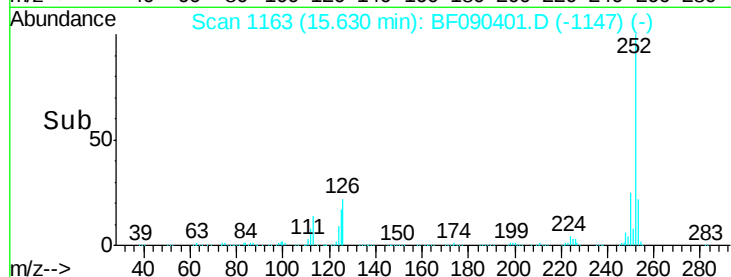
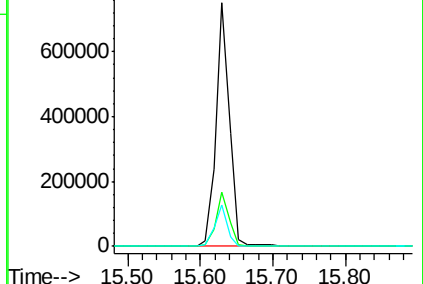
125 17.1 9.8 14.8#



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: 43.51 ng

RT: 17.24 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

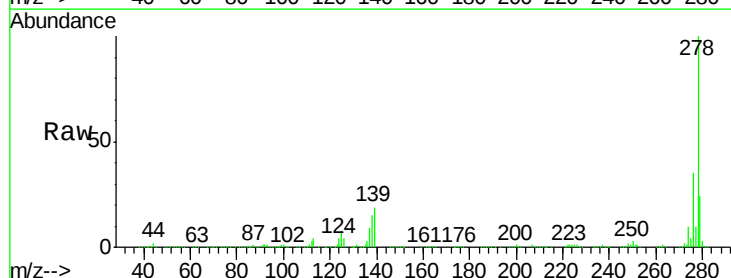
Tgt Ion:278 Resp: 869508

Ion Ratio Lower Upper

278 100

139 19.0 12.8 19.2

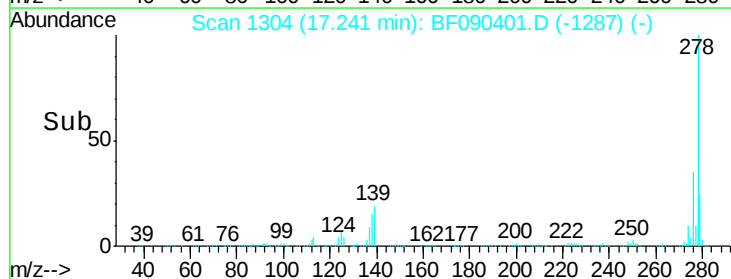
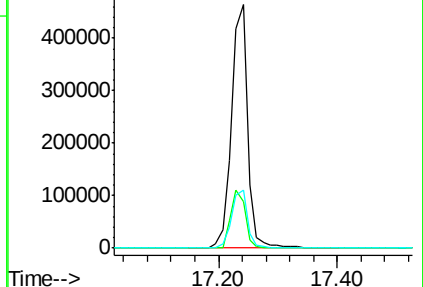
279 24.1 19.6 29.4

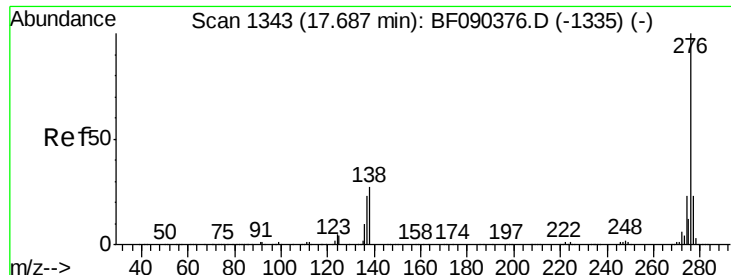


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.44 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF090401.D

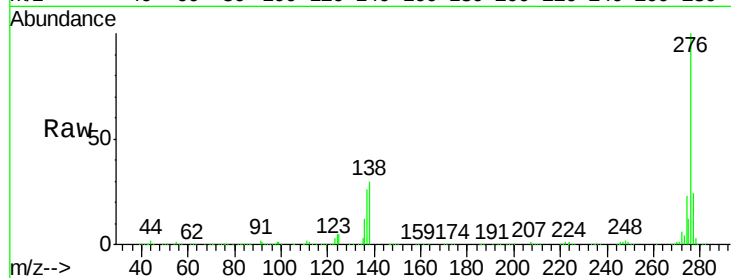
Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD



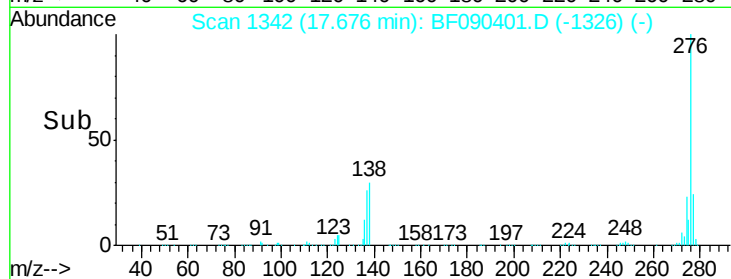
Tgt Ion: 276 Resp: 833136

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 30.1 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

