

Data Path : Z:\HPCHEM1\BNA_F\Data\BF100516\
 Data File : BF090421.D
 Acq On : 6 Oct 2016 11:59
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 06 13:40:00 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	258019	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1043555	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	504901	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	783392	20.00	ng	0.00
75) Chrysene-d12	14.20	240	534688	20.00	ng	0.00
86) Perylene-d12	15.70	264	465589	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1319106	76.30	ng	0.00
7) Phenol-d6	6.62	99	1709954	75.52	ng	0.00
23) Nitrobenzene-d5	7.57	82	1623854	75.69	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	325464	79.27	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2550780	84.17	ng	0.00
78) Terphenyl-d14	13.14	244	2088144	87.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	314971	36.96	ng	# 91
3) Pyridine	3.47	79	902613	37.98	ng	# 82
4) n-Nitrosodimethylamine	3.41	42	344736	35.16	ng	# 59
6) Aniline	6.67	93	1160456	37.10	ng	95
8) 2-Chlorophenol	6.78	128	683960	35.95	ng	87
9) Benzaldehyde	6.54	77	463819	40.52	ng	88
10) Phenol	6.65	94	1014411	38.53	ng	91
11) bis(2-Chloroethyl)ether	6.74	93	762002	37.81	ng	95
12) 1,3-Dichlorobenzene	6.94	146	682876	36.01	ng	# 92
13) 1,4-Dichlorobenzene	7.02	146	759120	39.41	ng	97
14) 1,2-Dichlorobenzene	7.02	146	759120	40.90	ng	98
15) Benzyl Alcohol	7.14	79	614407	35.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1211377	35.44	ng	95
17) 2-Methylphenol	7.25	107	548223	35.04	ng	99
18) Hexachloroethane	7.53	117	266272	35.06	ng	# 89
19) n-Nitroso-di-n-propylamine	7.42	70	625193	37.65	ng	# 81
20) 3+4-Methylphenols	7.41	107	778288	38.43	ng	# 73
22) Acetophenone	7.41	105	875644	35.43	ng	# 98
24) Nitrobenzene	7.58	77	784509	36.83	ng	93
25) Isophorone	7.83	82	1495511	38.13	ng	97
26) 2-Nitrophenol	7.90	139	331867	36.20	ng	# 73
27) 2,4-Dimethylphenol	7.94	122	608877	34.15	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	953084	41.09	ng	97
29) 2,4-Dichlorophenol	8.14	162	485503	35.82	ng	# 85
30) 1,2,4-Trichlorobenzene	8.23	180	563517	40.34	ng	99
31) Naphthalene	8.31	128	1788718	35.53	ng	99
32) Benzoic acid	8.06	122	514934	41.55	ng	96
33) 4-Chloroaniline	8.36	127	807803	38.82	ng	96
34) Hexachlorobutadiene	8.44	225	314628	40.31	ng	99
35) Caprolactam	8.74	113	170998	37.52	ng	91
36) 4-Chloro-3-methylphenol	8.84	107	653381	38.50	ng	99
37) 2-Methylnaphthalene	9.01	142	1242243	40.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	476802	35.82	ng	# 98
40) Hexachlorocyclopentadiene	9.16	237	156263	21.42	ng	98

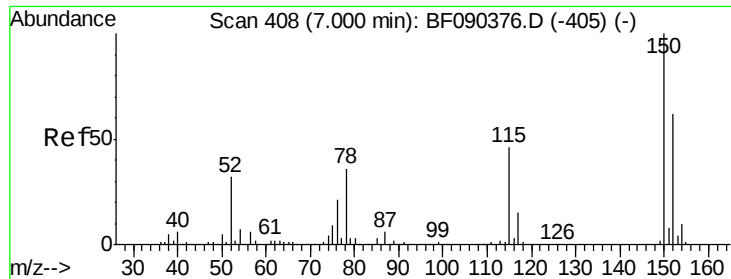
Data Path : Z:\HPCHEM1\BNA_F\Data\BF100516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	407294	44.34	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	326139	37.55	ng	93
45) 1,1'-Biphenyl	9.48	154	1487732	39.76	ng	93
46) 2-Chloronaphthalene	9.50	162	1183209	42.80	ng	95
47) 2-Nitroaniline	9.59	65	432011	39.61	ng	# 79
48) Acenaphthylene	9.91	152	1659006	36.37	ng	99
49) Dimethylphthalate	9.78	163	1371752	42.42	ng	98
50) 2,6-Dinitrotoluene	9.83	165	314236	43.77	ng	# 83
51) Acenaphthene	10.09	154	1015100	35.69	ng	98
52) 3-Nitroaniline	10.01	138	365866	43.63	ng	# 84
53) 2,4-Dinitrophenol	10.10	184	86001	26.87	ng	# 1
54) Dibenzofuran	10.26	168	1324299	35.98	ng	92
55) 4-Nitrophenol	10.15	139	303339	41.34	ng	88
56) 2,4-Dinitrotoluene	10.23	165	378302	39.60	ng	# 40
57) Fluorene	10.60	166	1130890	36.56	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	271646	41.88	ng	96
59) Diethylphthalate	10.47	149	1319622	39.44	ng	93
60) 4-Chlorophenyl-phenylether	10.60	204	580693	41.28	ng	# 86
61) 4-Nitroaniline	10.61	138	311599	36.88	ng	93
62) Azobenzene	10.76	77	1558509	40.33	ng	88
64) 4,6-Dinitro-2-methylphenol	10.65	198	147522	30.17	ng	# 54
65) n-Nitrosodiphenylamine	10.71	169	1081581	41.20	ng	97
66) 4-Bromophenyl-phenylether	11.09	248	331910	43.22	ng	# 87
67) Hexachlorobenzene	11.16	284	349369	40.85	ng	# 88
68) Atrazine	11.24	200	299167	46.22	ng	98
69) Pentachlorophenol	11.34	266	192910	37.90	ng	98
70) Phenanthrene	11.57	178	1613359	40.22	ng	98
71) Anthracene	11.62	178	1463385	35.72	ng	98
72) Carbazole	11.78	167	1503031	39.49	ng	96
73) Di-n-butylphthalate	12.11	149	2020188	43.62	ng	# 97
74) Fluoranthene	12.76	202	1343161	34.14	ng	98
76) Benzidine	12.87	184	571492	40.65	ng	98
77) Pyrene	12.99	202	1309244	36.72	ng	99
79) Butylbenzylphthalate	13.61	149	683764	37.38	ng	# 69
80) Benzo(a)anthracene	14.18	228	1200913	40.03	ng	98
81) 3,3'-Dichlorobenzidine	14.14	252	450152	41.39	ng	# 97
82) Chrysene	14.22	228	1182604	42.83	ng	98
83) Bis(2-ethylhexyl)phthalate	14.18	149	1019913	39.22	ng	# 97
84) Di-n-octyl phthalate	14.80	149	1683984	43.68	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.22	276	1080173	54.87	ng	# 94
87) Benzo(b)fluoranthene	15.25	252	1224739	41.30	ng	# 94
88) Benzo(k)fluoranthene	15.25	252	1224739	43.96	ng	98
89) Benzo(a)pyrene	15.63	252	987470	38.63	ng	# 94
90) Dibenzo(a,h)anthracene	17.24	278	906022	41.66	ng	# 94
91) Benzo(g,h,i)perylene	17.69	276	844679	40.47	ng	99

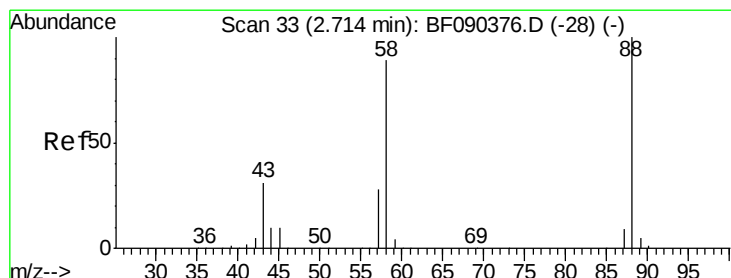
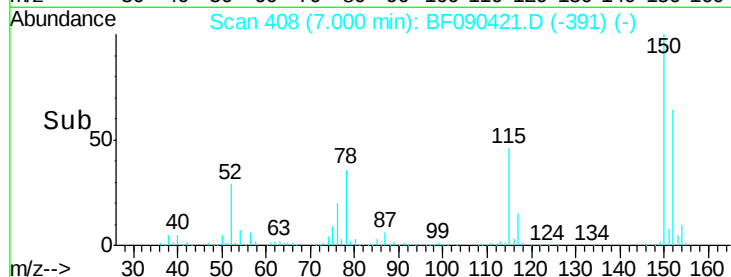
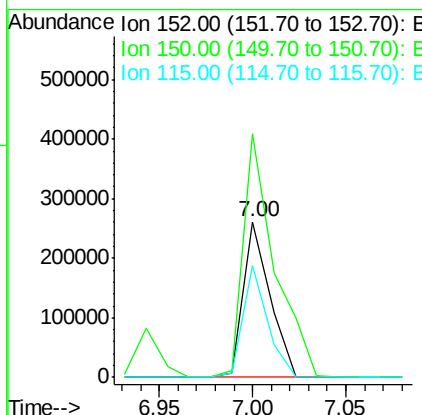
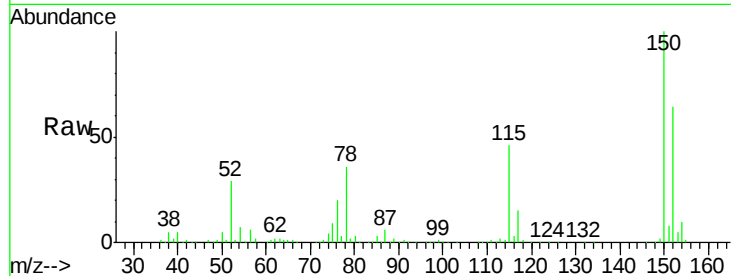
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

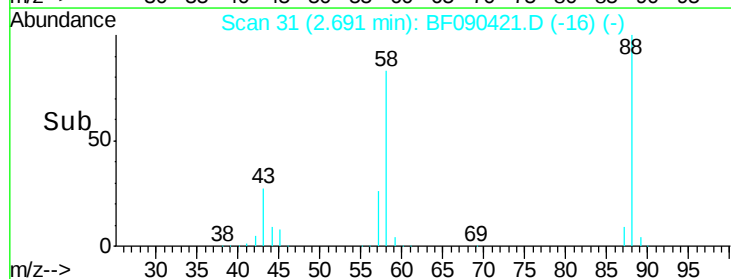
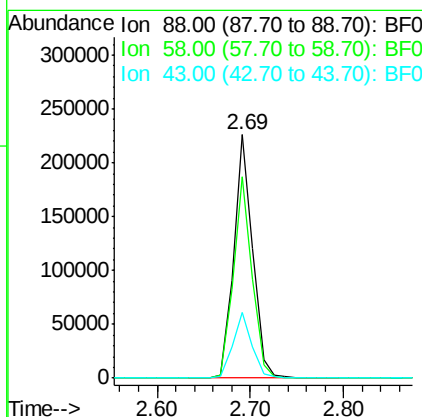
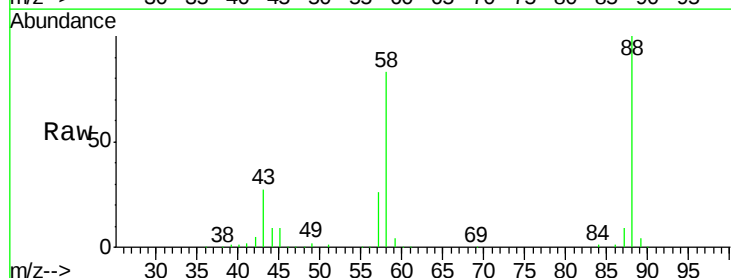
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

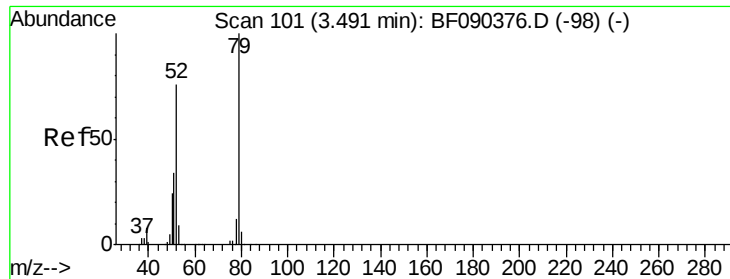
Tgt Ion:152 Resp: 258019
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 71.9 46.2 69.4#



#2
 1,4-Dioxane
 Concen: 36.96 ng
 RT: 2.69 min Scan# 31
 Delta R.T. -0.02 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion: 88 Resp: 314971
 Ion Ratio Lower Upper
 88 100
 58 82.8 71.2 106.8
 43 28.0 29.8 44.6#





#3

Pyridine

Concen: 37.98 ng

RT: 3.47 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

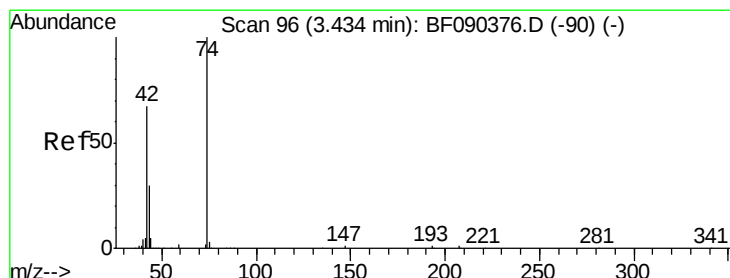
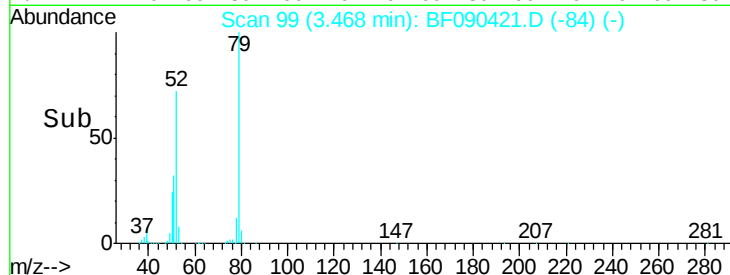
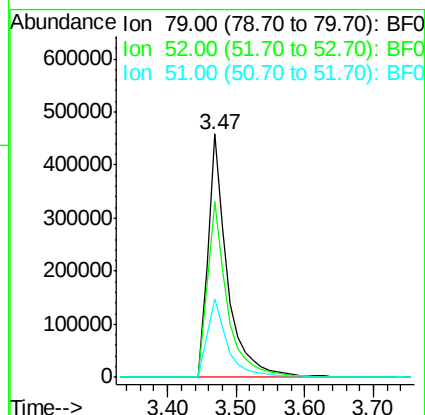
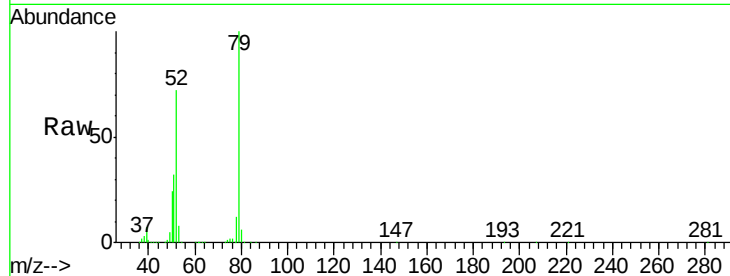
Tgt Ion: 79 Resp: 902613

Ion Ratio Lower Upper

79 100

52 72.1 71.3 106.9

51 32.5 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 35.16 ng

RT: 3.41 min Scan# 94

Delta R.T. -0.02 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

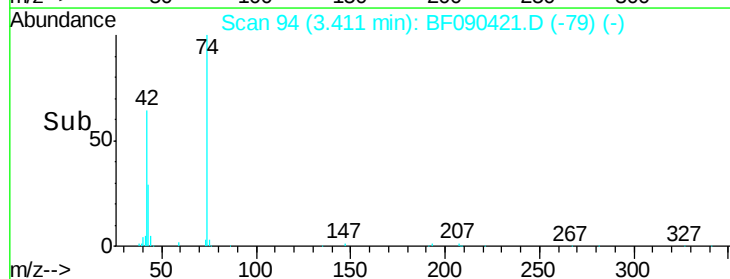
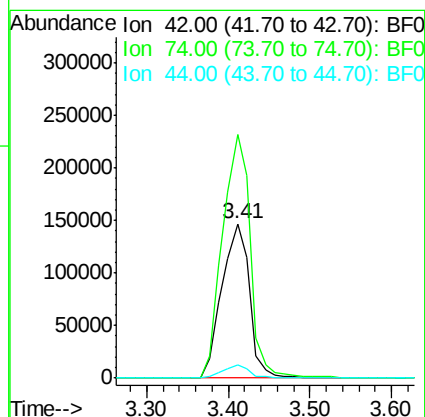
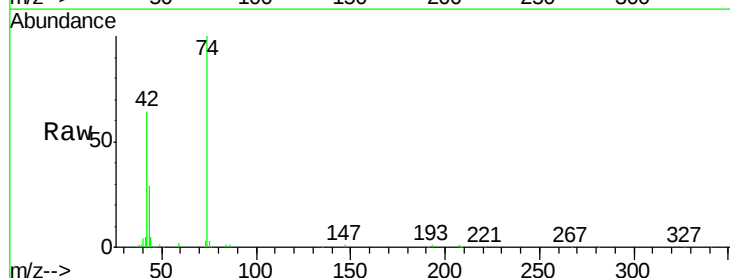
Tgt Ion: 42 Resp: 344736

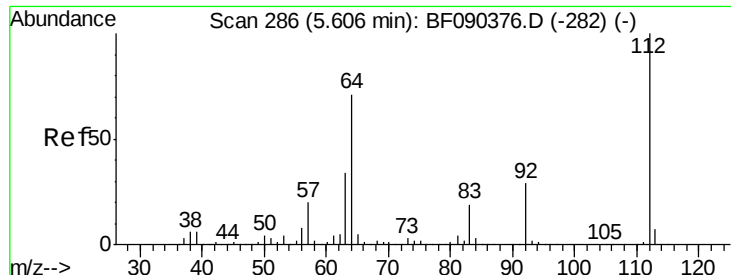
Ion Ratio Lower Upper

42 100

74 157.5 88.9 133.3#

44 8.4 6.5 9.7





#5

2-Fluorophenol

Concen: 76.30 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

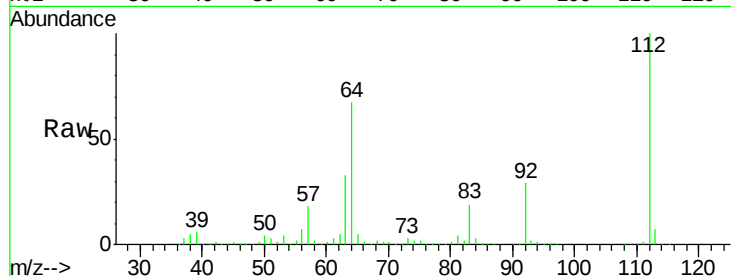
Tgt Ion: 112 Resp: 1319106

Ion Ratio Lower Upper

112 100

64 67.0 57.9 86.9

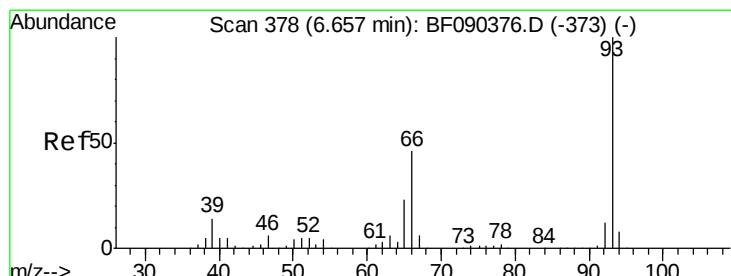
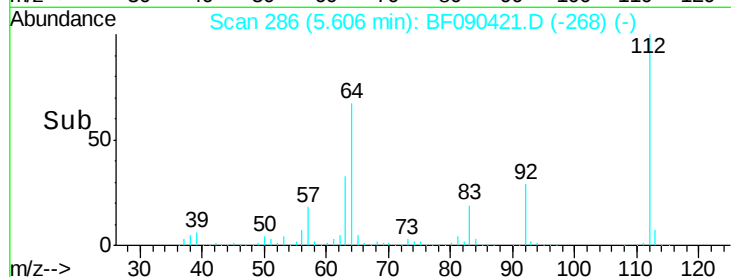
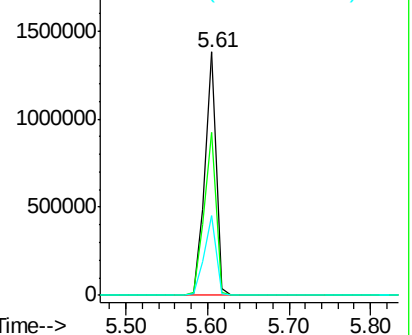
63 32.6 29.6 44.4



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: 37.10 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

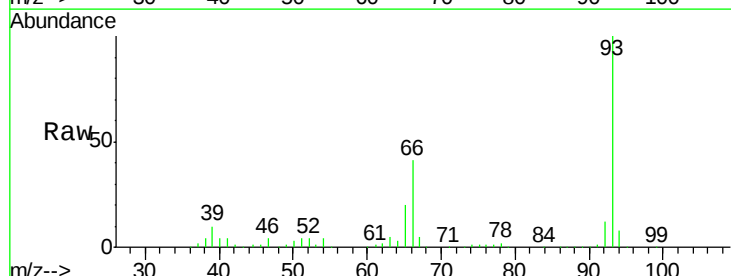
Tgt Ion: 93 Resp: 1160456

Ion Ratio Lower Upper

93 100

66 40.5 34.5 51.7

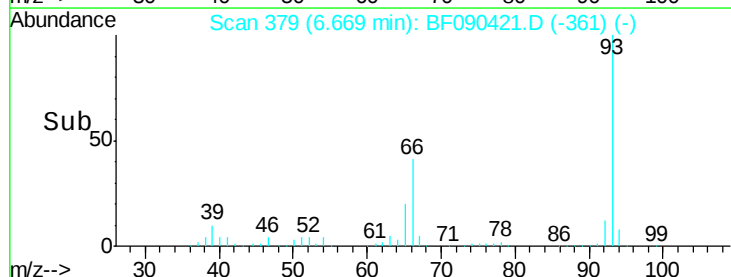
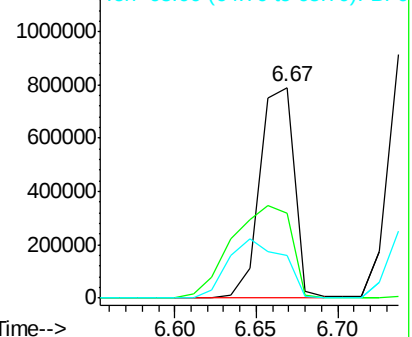
65 20.1 18.2 27.2

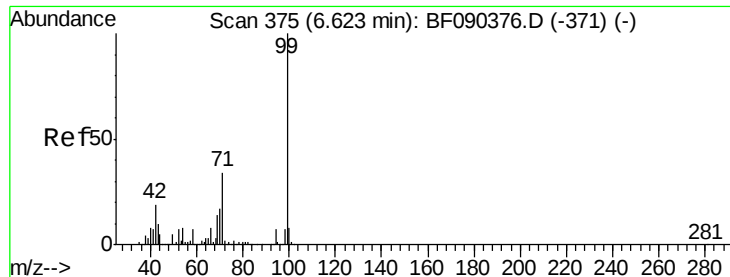


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.52 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

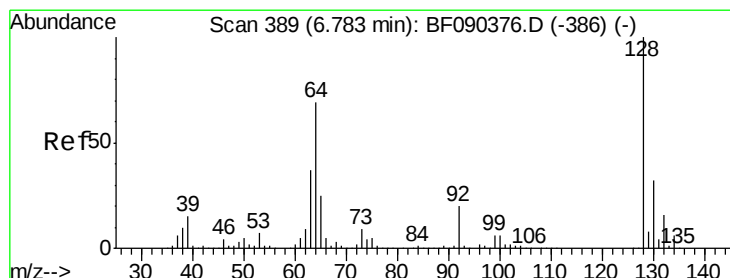
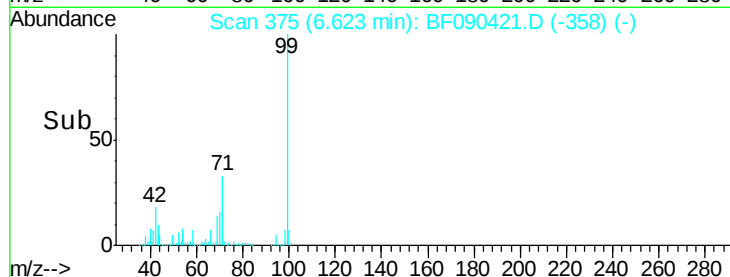
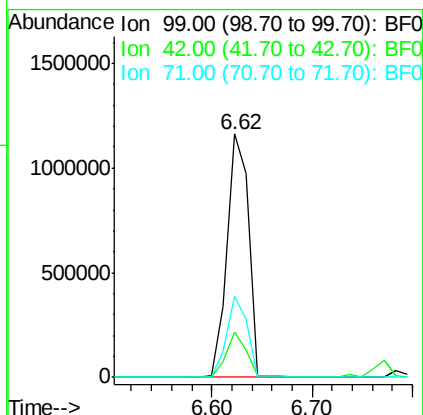
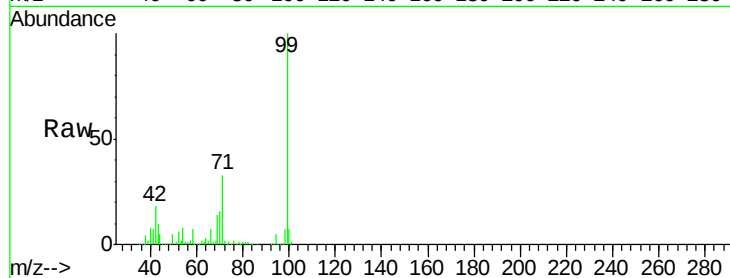
BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1709954

Ion	Ratio	Lower	Upper
99	100		
42	18.4	20.0	30.0#
71	33.5	27.9	41.9



#8

2-Chlorophenol

Concen: 35.95 ng

RT: 6.78 min Scan# 389

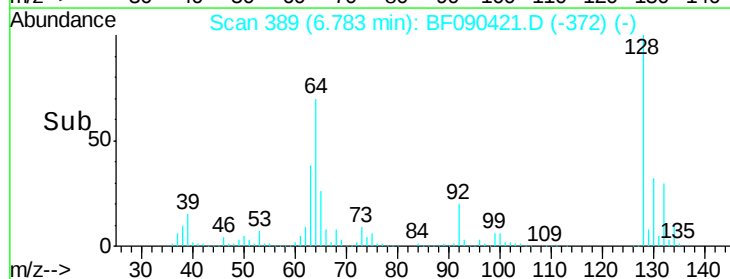
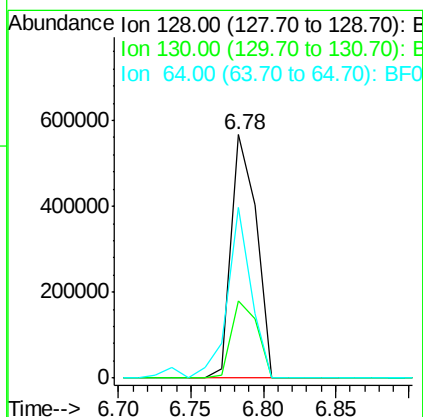
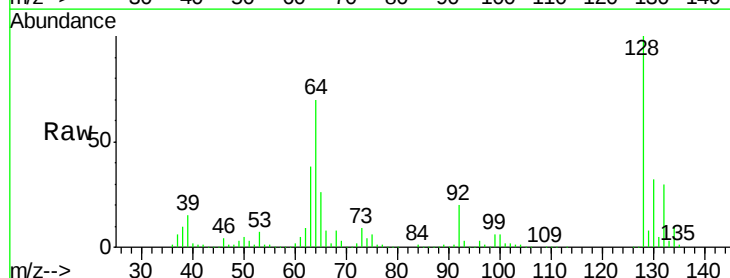
Delta R.T. -0.00 min

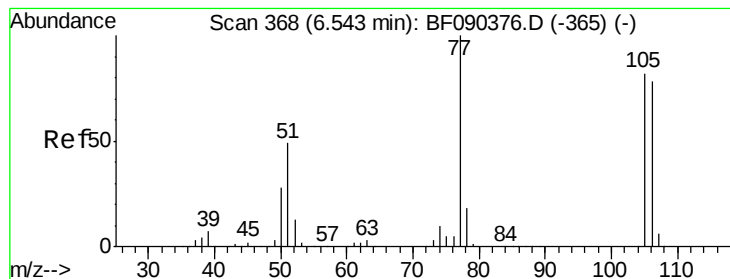
Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Tgt Ion: 128 Resp: 683960

Ion	Ratio	Lower	Upper
128	100		
130	31.5	13.3	53.3
64	70.2	36.0	76.0





#9

Benzaldehyde

Concen: 40.52 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

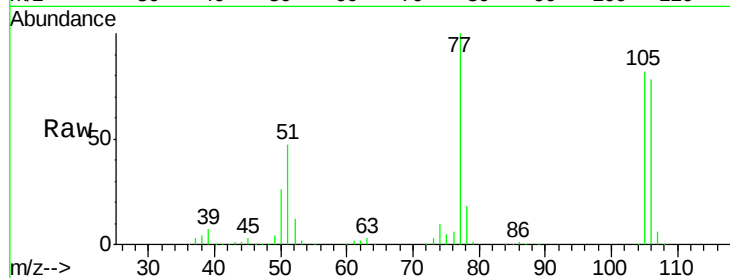
Tgt Ion: 77 Resp: 463819

Ion Ratio Lower Upper

77 100

105 81.9 73.1 113.1

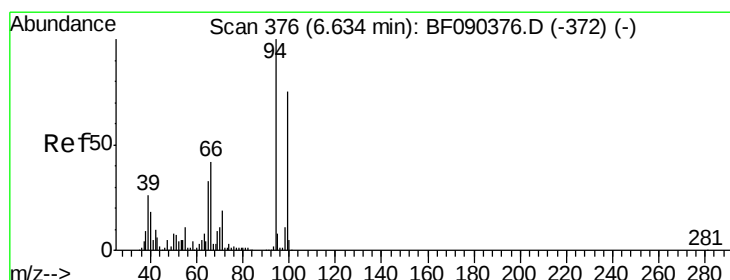
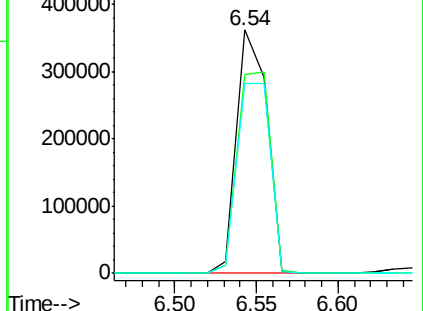
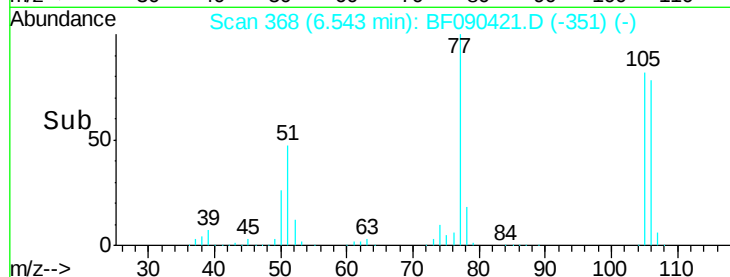
106 77.9 70.2 110.2



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: 38.53 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

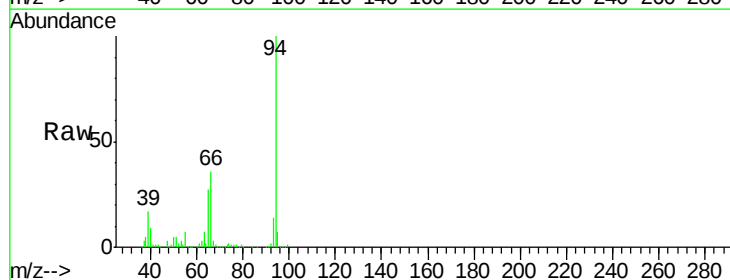
Tgt Ion: 94 Resp: 1014411

Ion Ratio Lower Upper

94 100

65 27.3 13.3 53.3

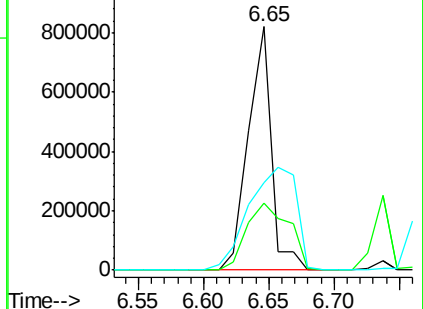
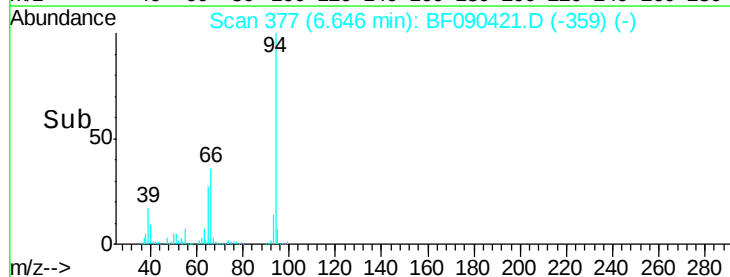
66 35.9 20.4 60.4

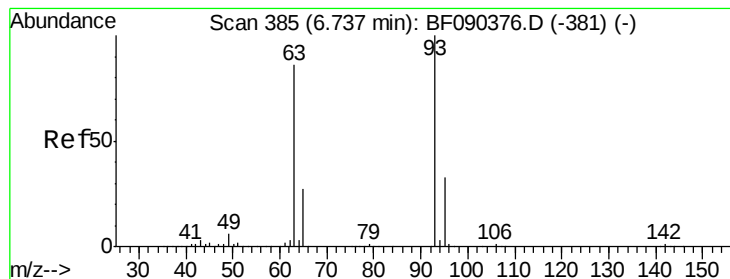


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.81 ng

RT: 6.74 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

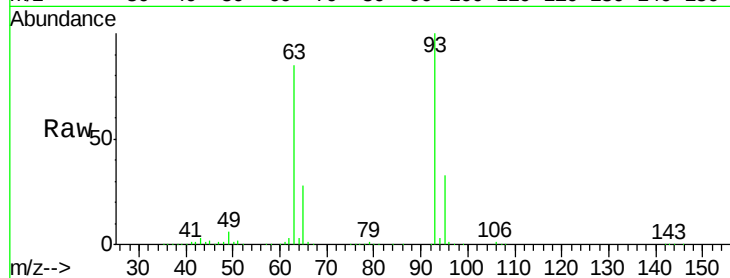
Tgt Ion: 93 Resp: 762002

Ion Ratio Lower Upper

93 100

63 85.0 59.7 99.7

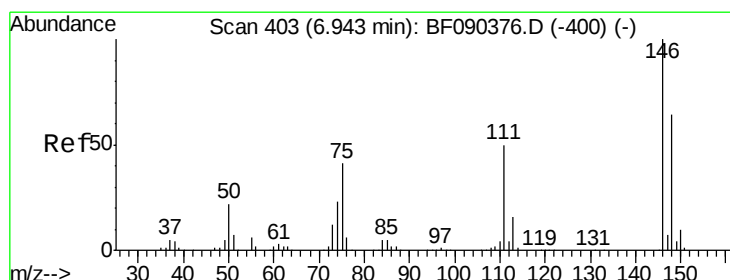
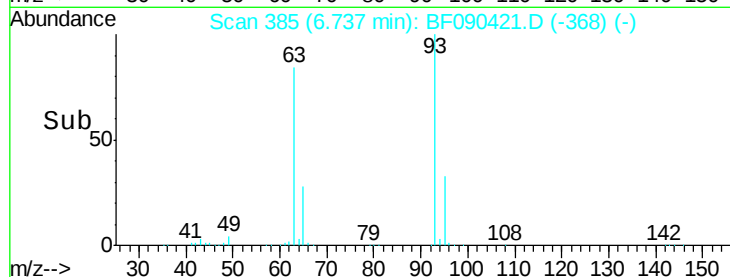
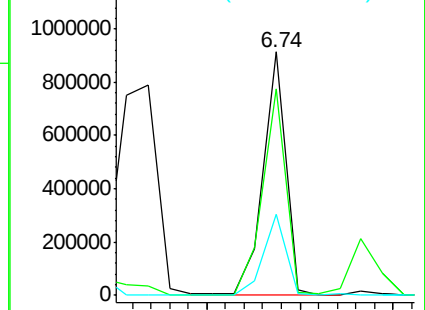
95 33.2 14.0 54.0



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: 36.01 ng

RT: 6.94 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

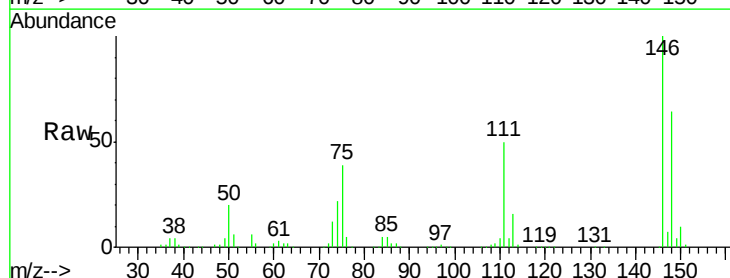
Tgt Ion: 146 Resp: 682876

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.4

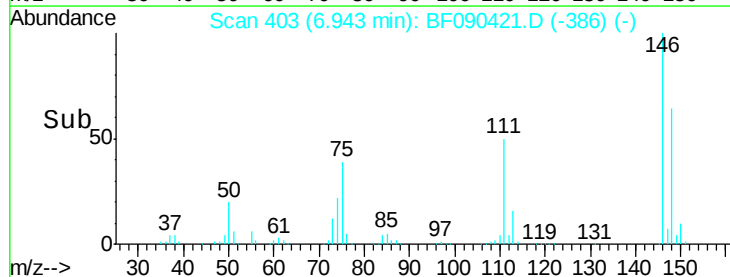
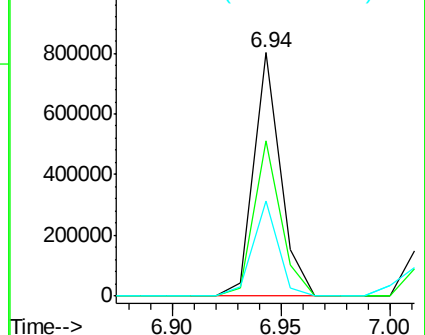
75 38.9 21.4 32.2#

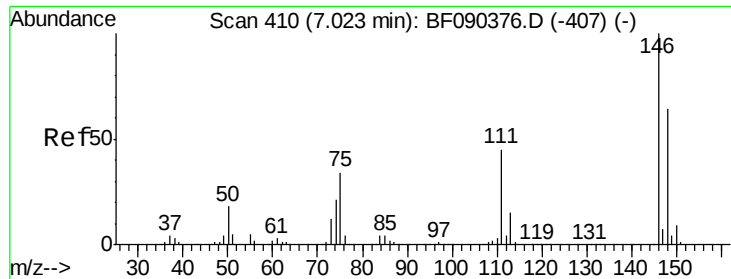


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

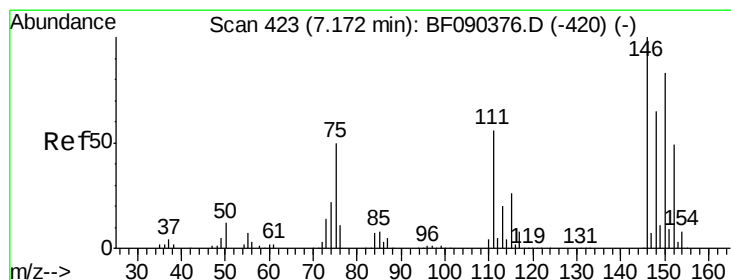
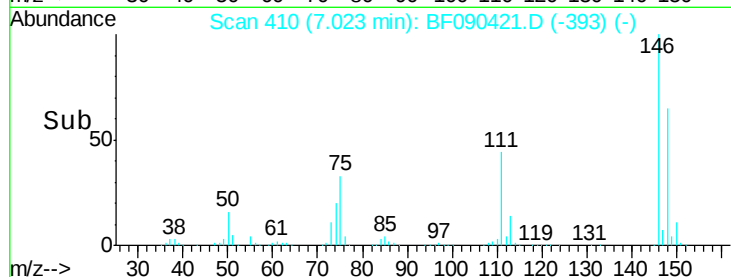
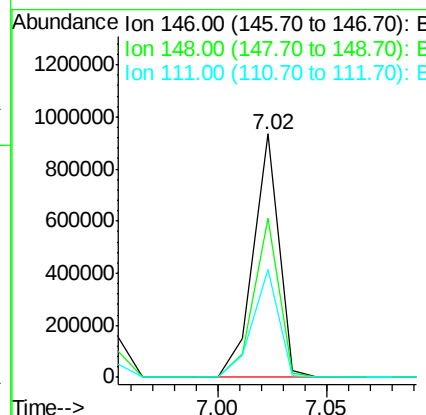
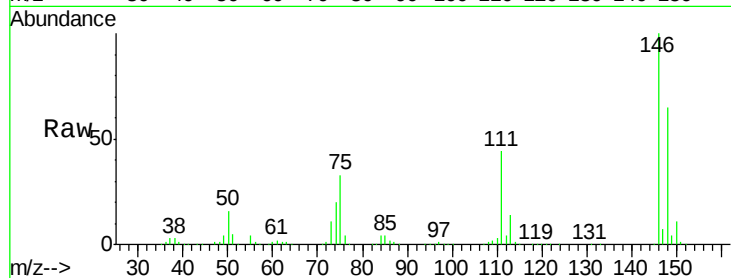




#13
 1,4-Dichlorobenzene
 Concen: 39.41 ng
 RT: 7.02 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

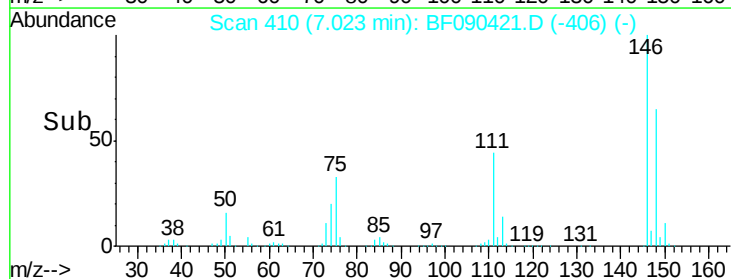
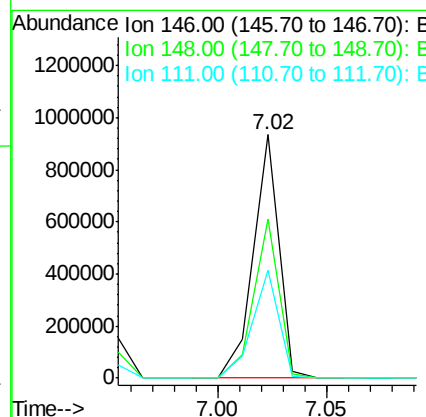
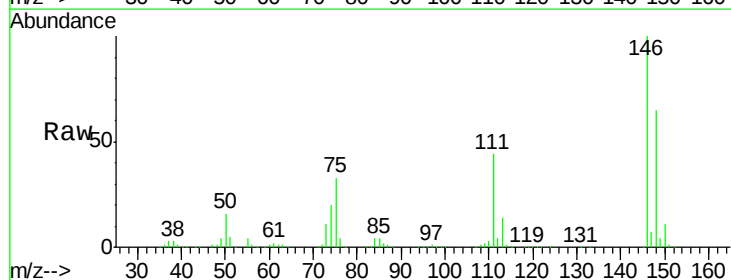
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

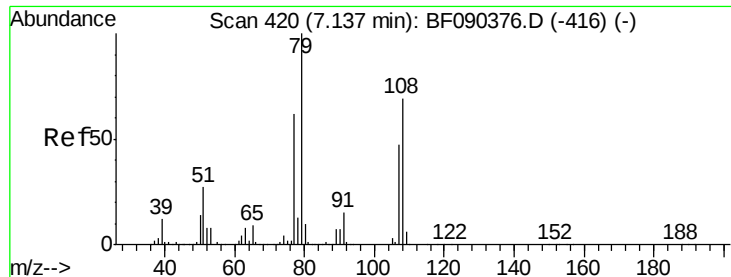
Tgt Ion:146 Resp: 759120
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.1 76.7
 111 44.2 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 40.90 ng
 RT: 7.02 min Scan# 410
 Delta R.T. -0.15 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:146 Resp: 759120
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 44.2 38.2 57.4





#15

Benzyl Alcohol

Concen: 35.69 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

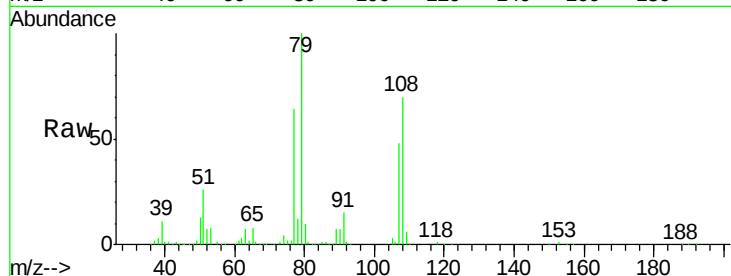
Tgt Ion: 79 Resp: 614407

Ion Ratio Lower Upper

79 100

108 70.1 60.9 91.3

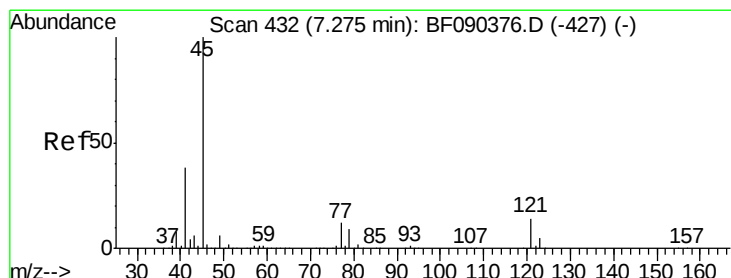
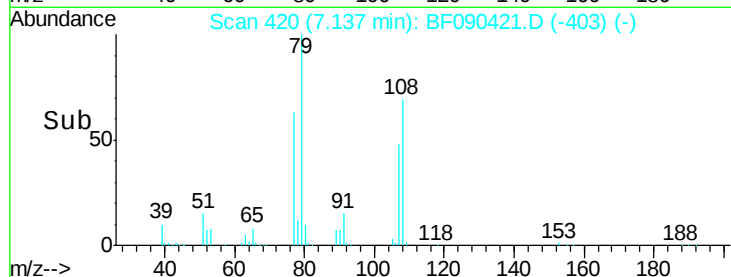
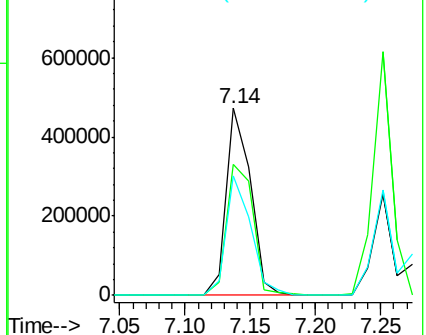
77 63.7 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.44 ng

RT: 7.27 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

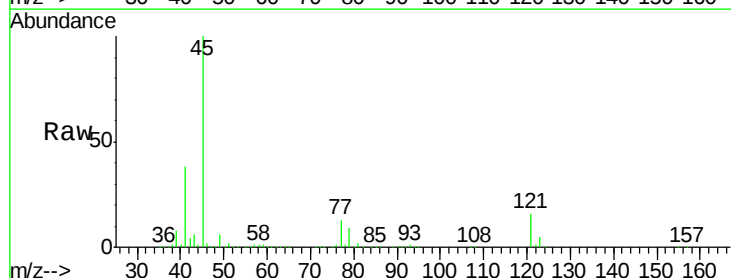
Tgt Ion: 45 Resp: 1211377

Ion Ratio Lower Upper

45 100

77 12.8 0.0 30.8

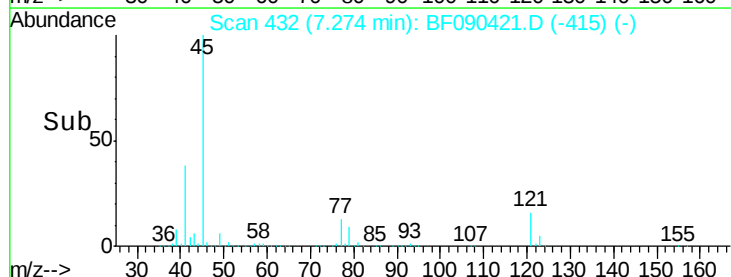
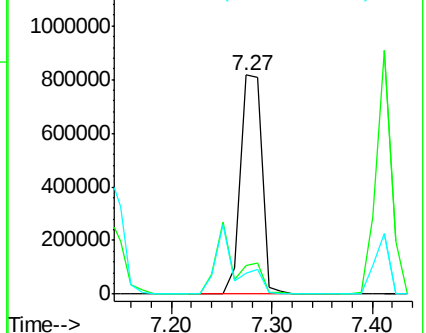
79 9.5 0.0 28.2

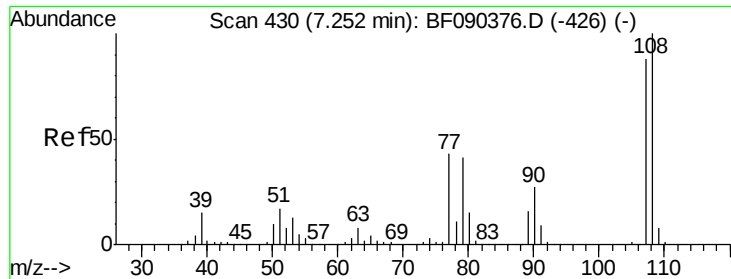


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

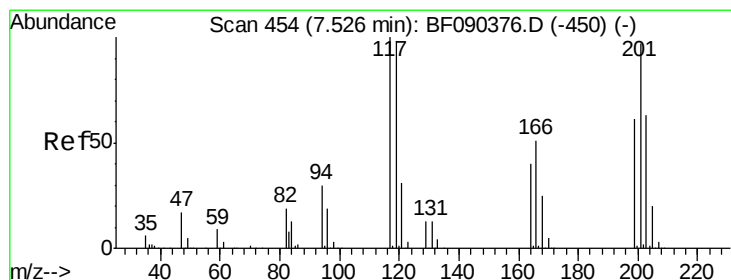
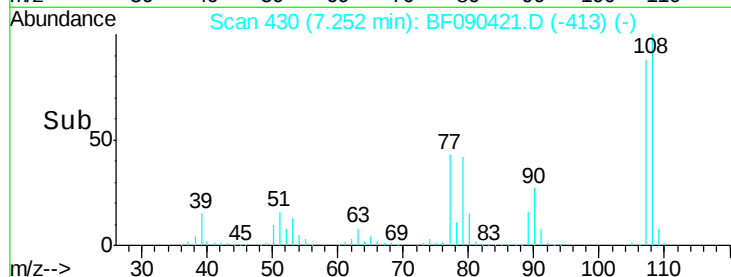
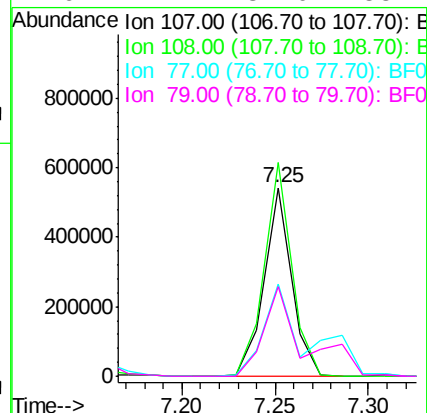
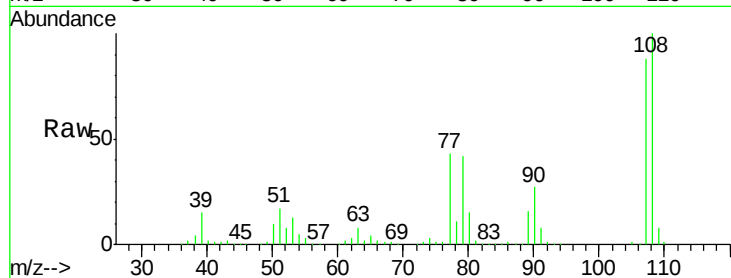




#17
2-Methylphenol
Concen: 35.04 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

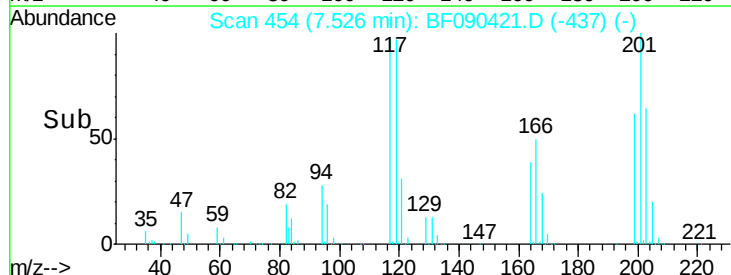
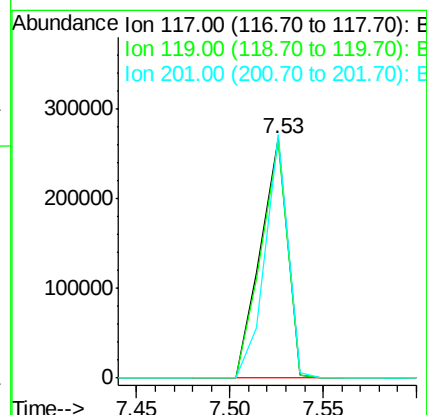
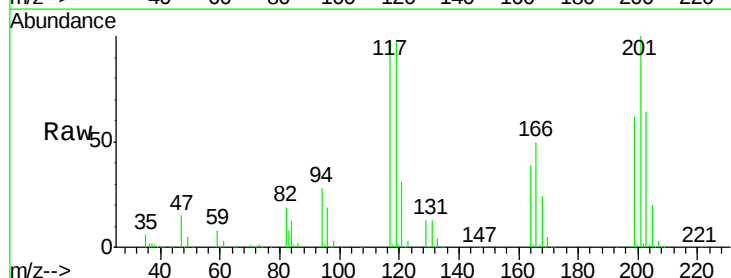
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

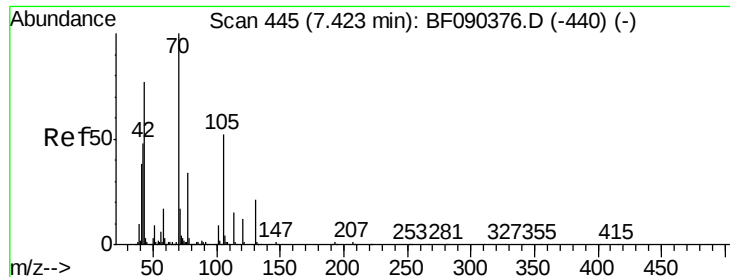
Tgt Ion:	107	Resp:	548223
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.9	136.3
77	49.2	38.2	57.4
79	47.4	37.0	55.4



#18
Hexachloroethane
Concen: 35.06 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion:	117	Resp:	266272
Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.9	113.9
201	101.6	66.5	99.7#

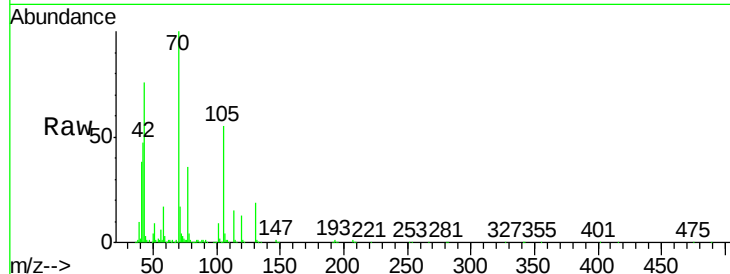




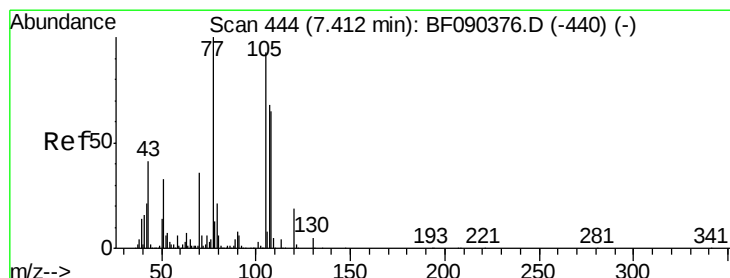
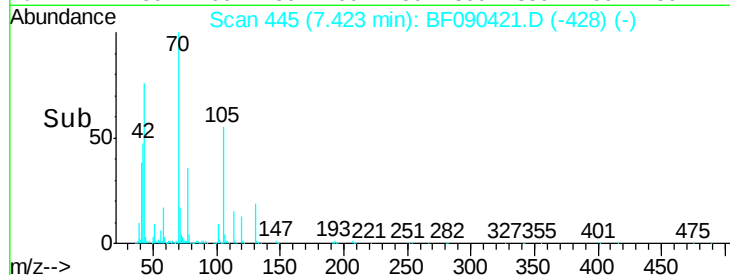
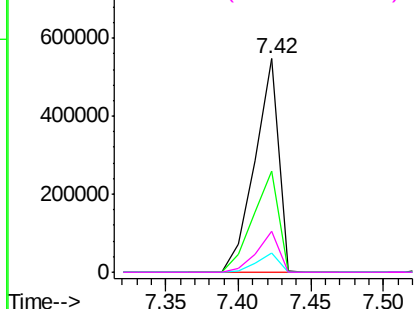
#19
n-Nitroso-di-n-propylamine
Concen: 37.65 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 625193
Ion Ratio Lower Upper
70 100
42 47.2 55.4 83.2#
101 9.1 7.6 11.4
130 19.4 16.5 24.7

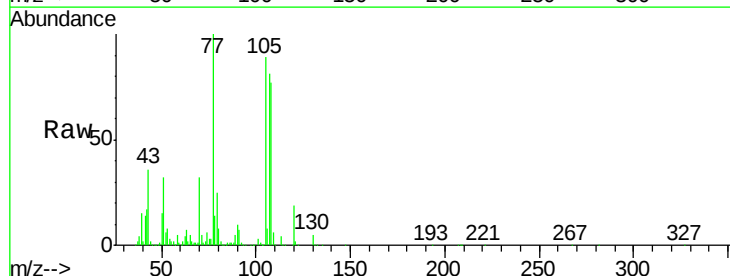


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

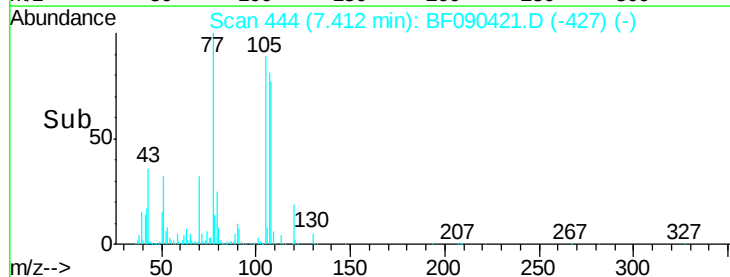
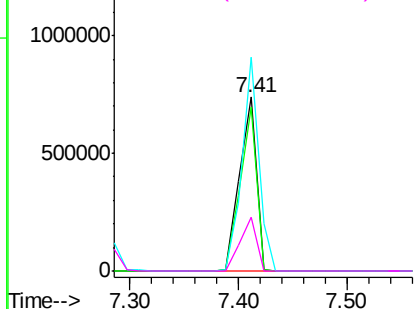


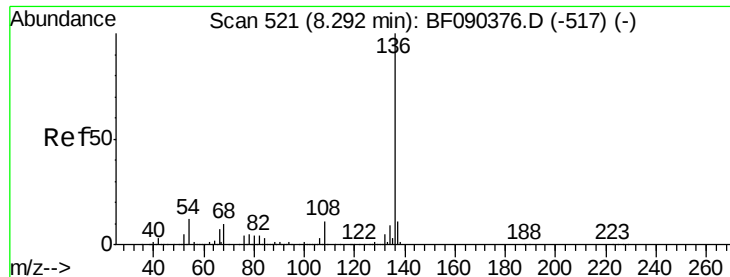
#20
3+4-Methylphenols
Concen: 38.43 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion: 107 Resp: 778288
Ion Ratio Lower Upper
107 100
108 94.5 66.7 106.7
77 122.8 53.7 93.7#
79 30.6 8.4 48.4



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

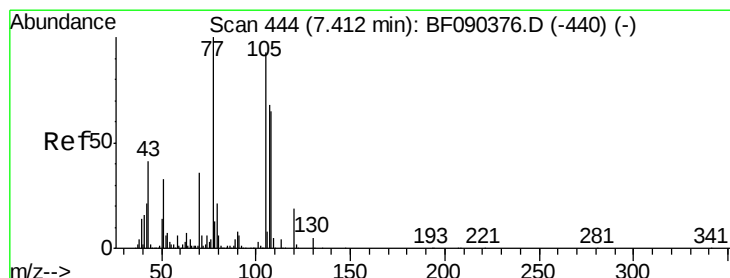
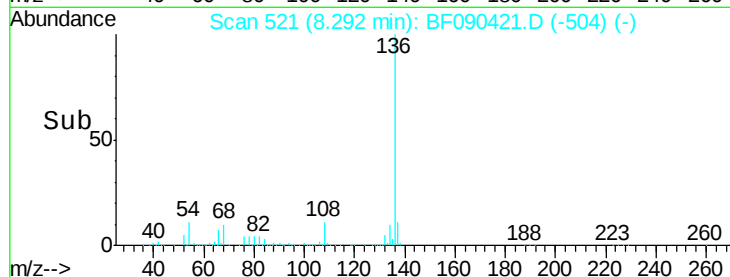
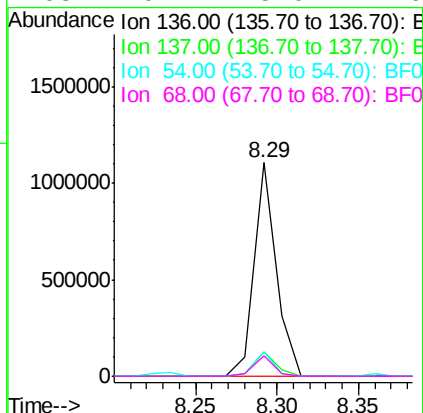
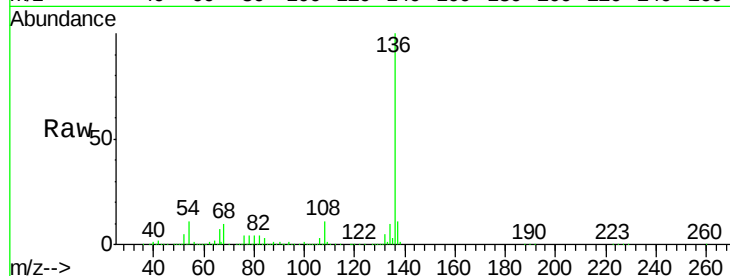




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

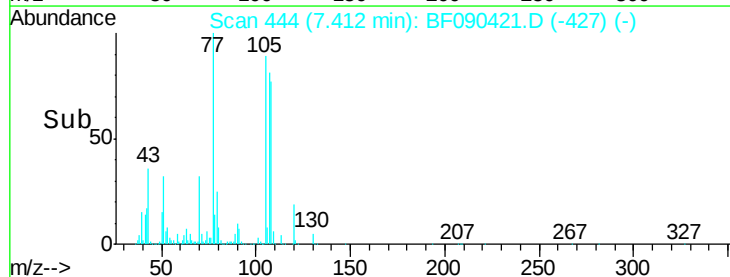
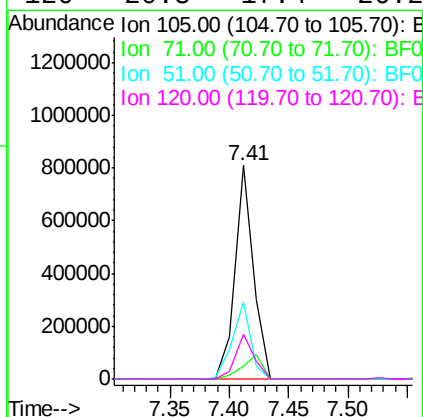
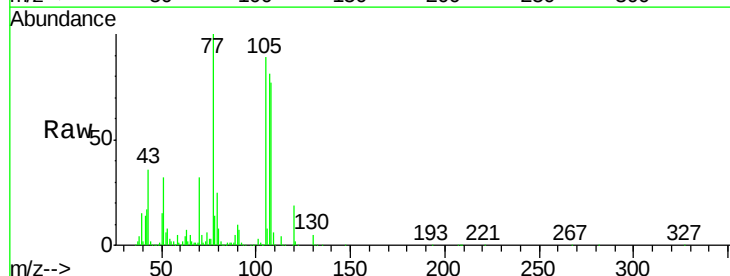
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

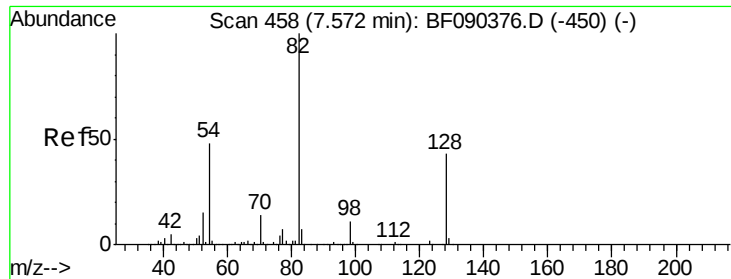
Tgt Ion:	136	Resp:	1043555
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.3	6.6	10.0#
68	9.7	5.0	7.6#



#22
Acetophenone
Concen: 35.43 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion:	105	Resp:	875644
Ion	Ratio	Lower	Upper
105	100		
71	6.1	3.8	5.6#
51	36.2	28.2	42.4
120	20.8	17.4	26.2





#23

Nitrobenzene-d5

Concen: 75.69 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

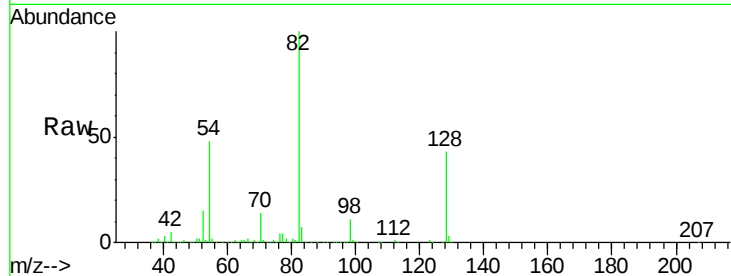
Tgt Ion: 82 Resp: 1623854

Ion Ratio Lower Upper

82 100

128 42.8 40.0 60.0

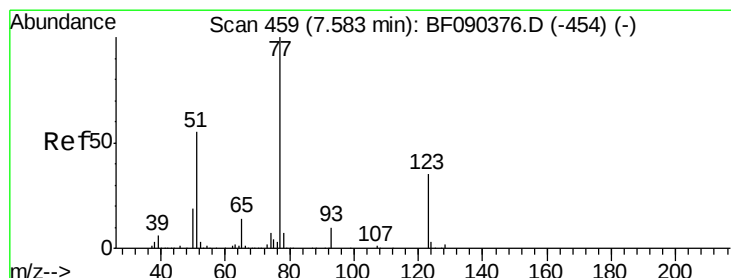
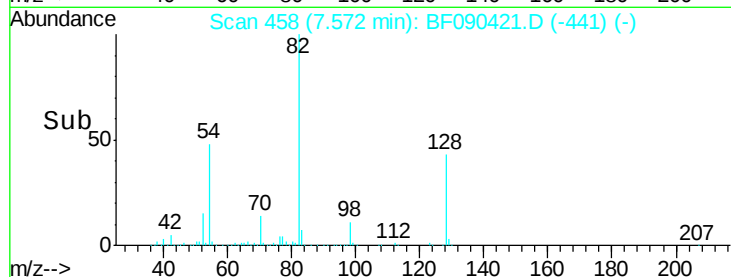
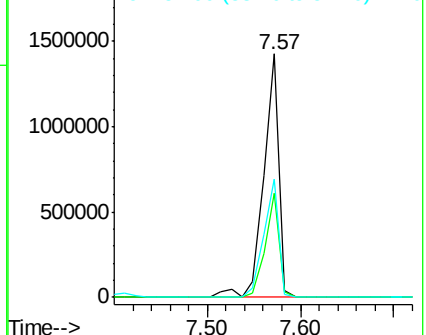
54 48.3 42.6 64.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.83 ng

RT: 7.58 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

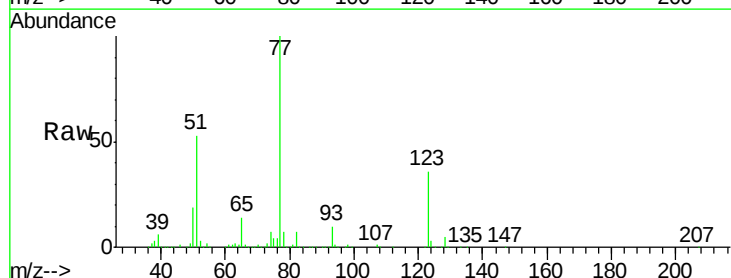
Tgt Ion: 77 Resp: 784509

Ion Ratio Lower Upper

77 100

123 35.8 33.0 49.4

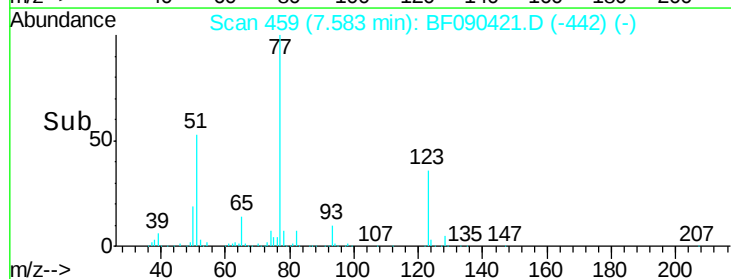
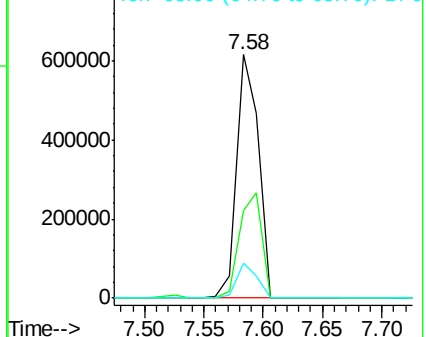
65 14.2 12.0 18.0

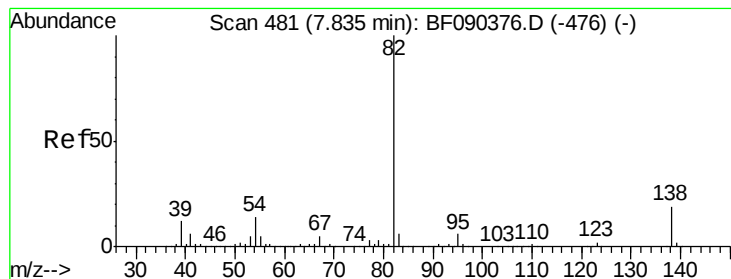


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.13 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

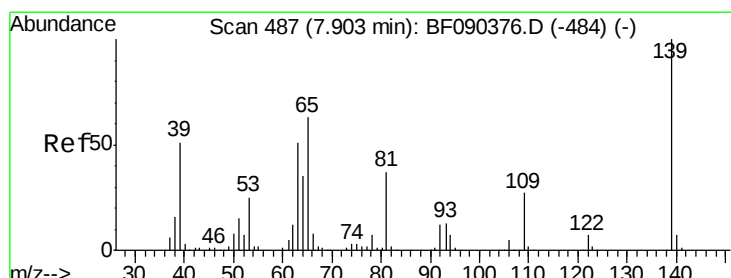
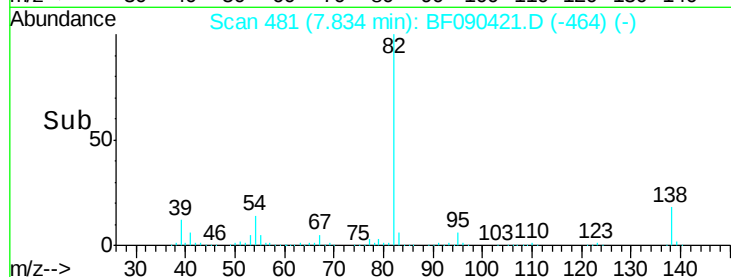
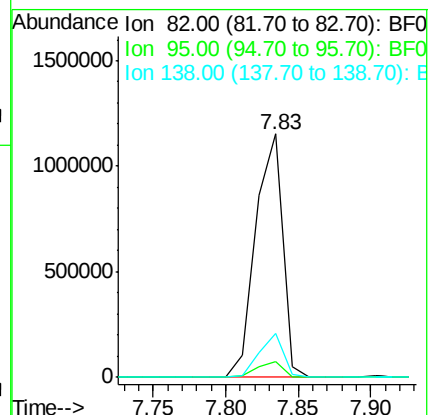
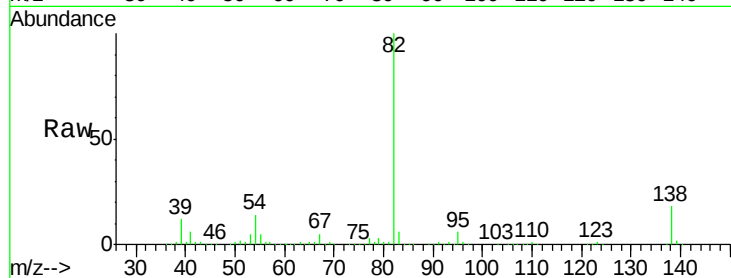
Tgt Ion: 82 Resp: 1495511

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 18.2 13.0 19.4



#26

2-Nitrophenol

Concen: 36.20 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

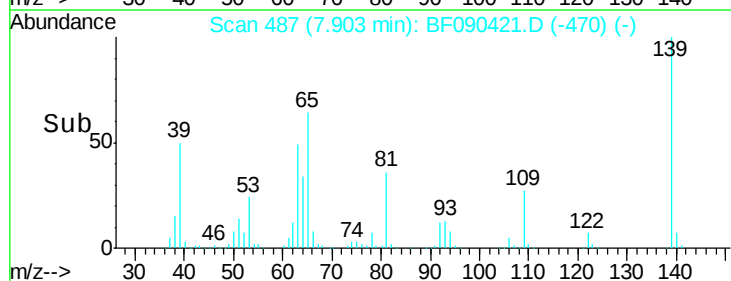
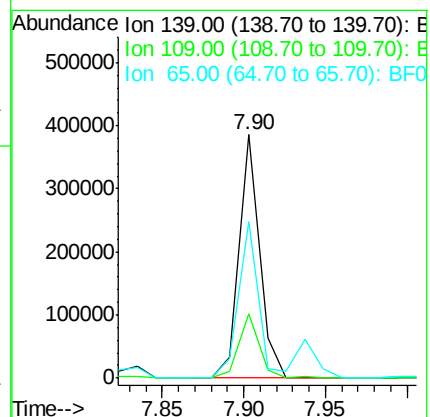
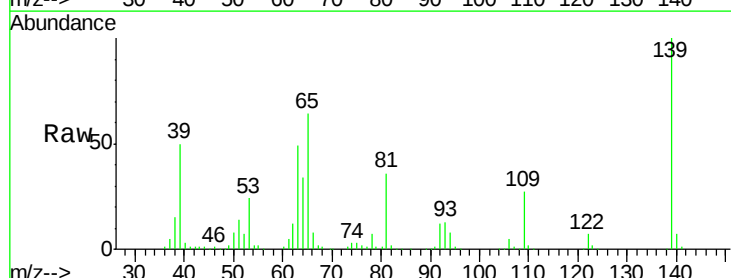
Tgt Ion: 139 Resp: 331867

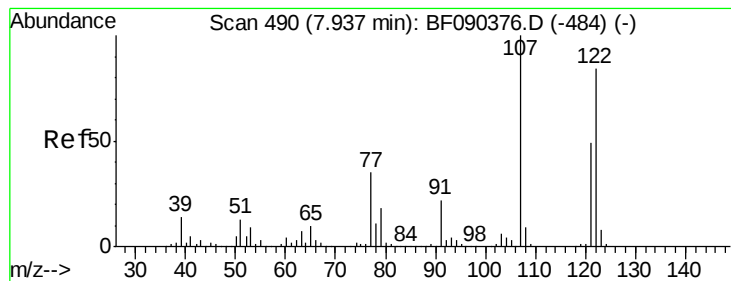
Ion Ratio Lower Upper

139 100

109 26.7 18.9 28.3

65 64.1 31.6 47.4





#27

2,4-Dimethylphenol

Concen: 34.15 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

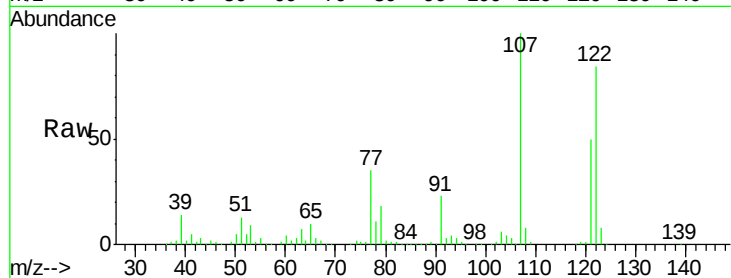
Tgt Ion:122 Resp: 608877

Ion Ratio Lower Upper

122 100

107 119.2 88.6 132.8

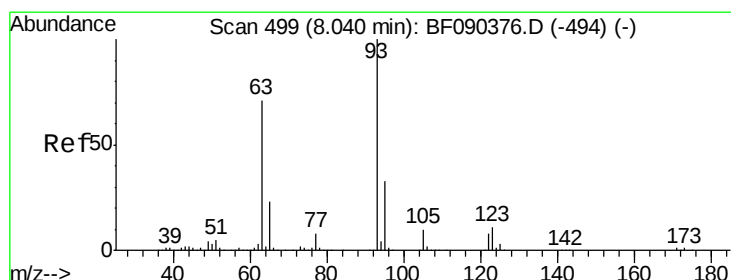
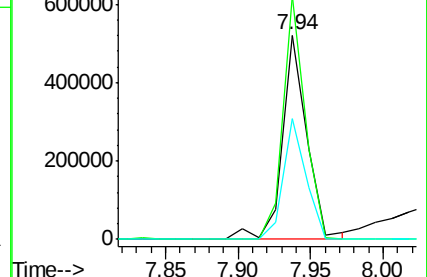
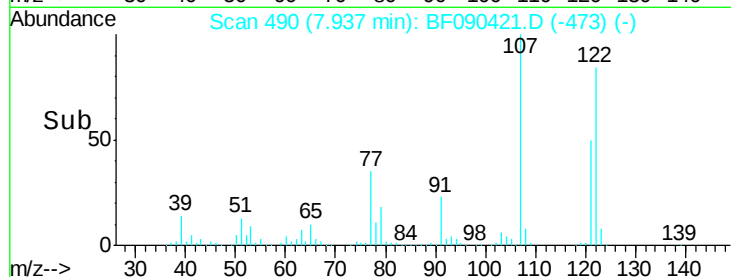
121 59.3 47.5 71.3



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: 41.09 ng

RT: 8.04 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

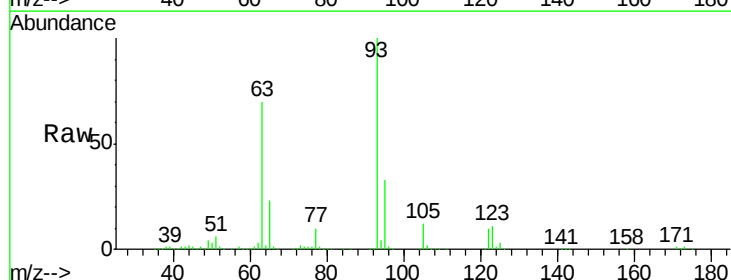
Tgt Ion: 93 Resp: 953084

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

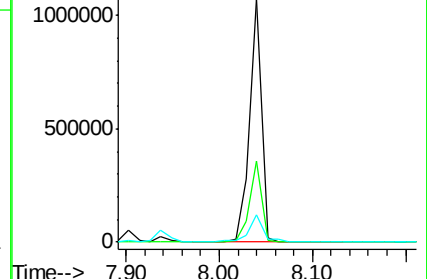
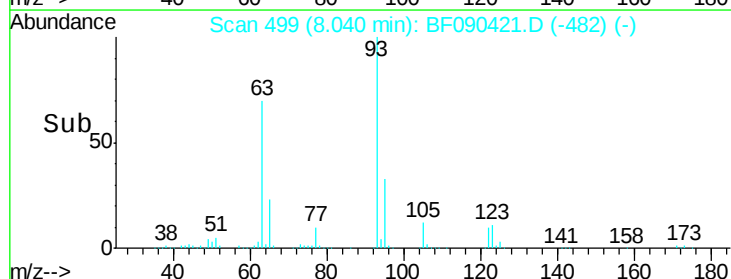
123 11.3 11.1 16.7

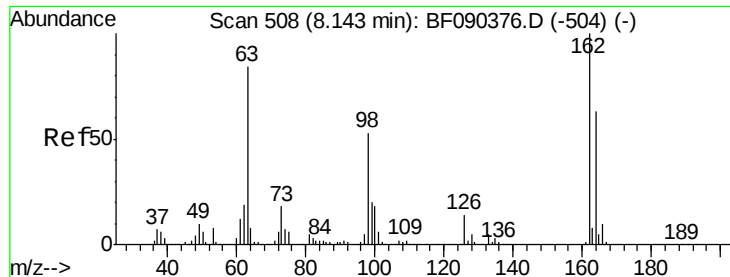


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

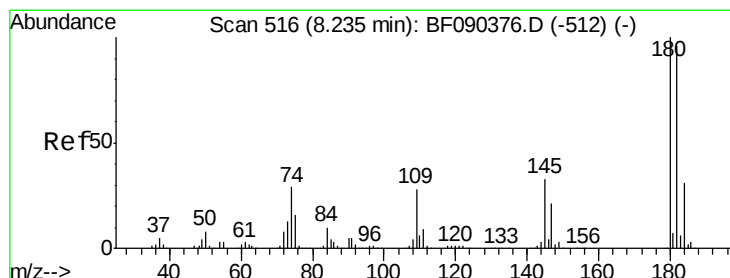
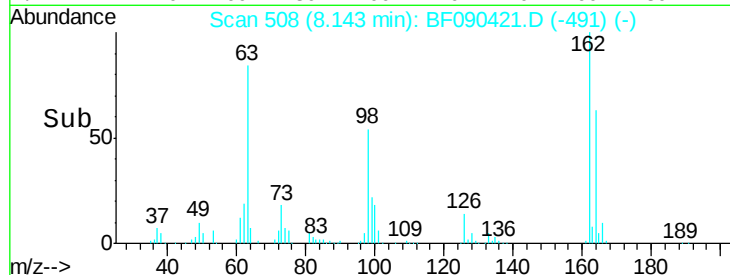
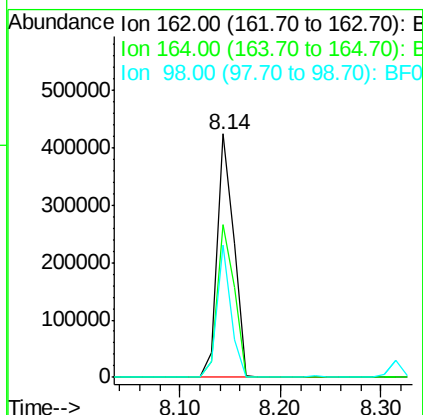
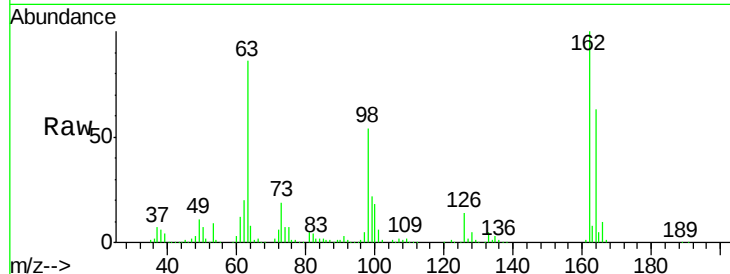




#29
 2,4-Dichlorophenol
 Concen: 35.82 ng
 RT: 8.14 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

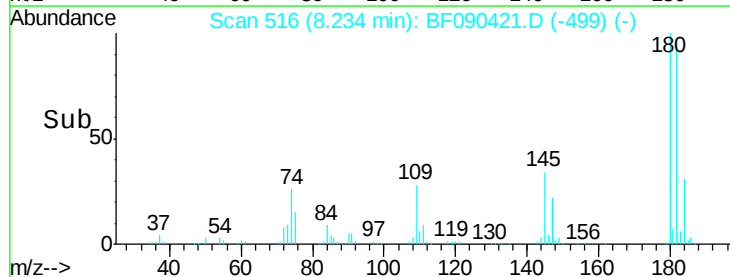
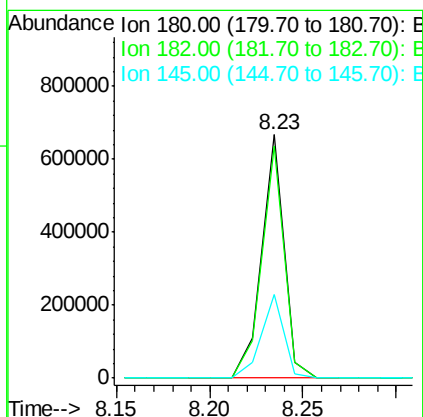
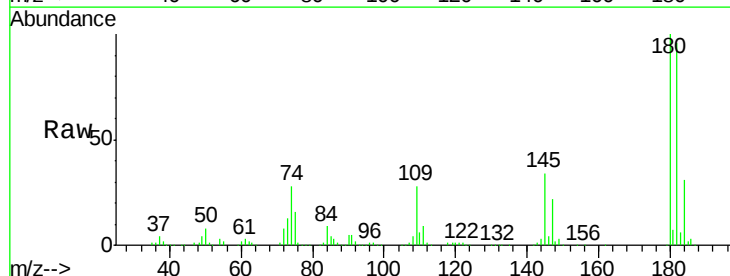
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

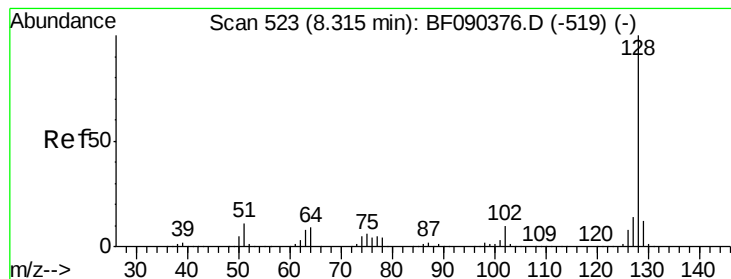
Tgt Ion:162 Resp: 485503
 Ion Ratio Lower Upper
 162 100
 164 62.7 45.7 85.7
 98 54.1 13.3 53.3#



#30
 1,2,4-Trichlorobenzene
 Concen: 40.34 ng
 RT: 8.23 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:180 Resp: 563517
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.3 112.9
 145 34.3 27.7 41.5





#31

Naphthalene

Concen: 35.53 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

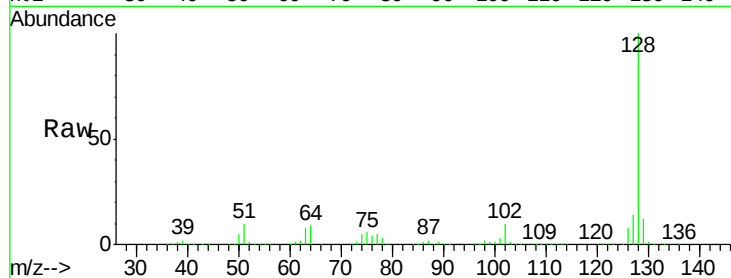
Tgt Ion:128 Resp: 1788718

Ion Ratio Lower Upper

128 100

129 12.1 9.7 14.5

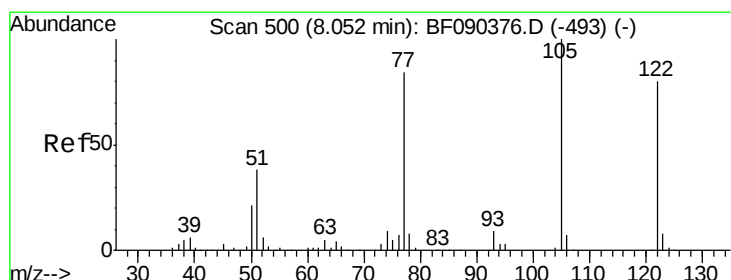
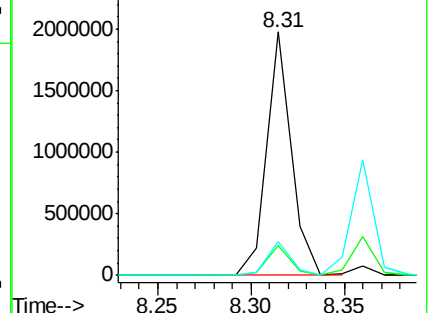
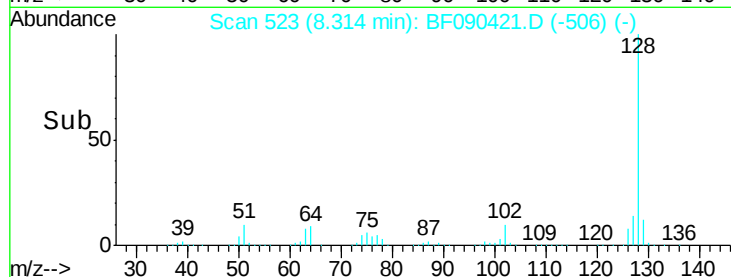
127 13.9 11.7 17.5



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: 41.55 ng

RT: 8.06 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

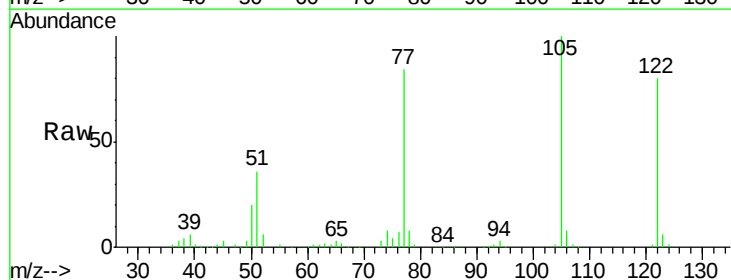
Tgt Ion:122 Resp: 514934

Ion Ratio Lower Upper

122 100

105 124.3 103.9 143.9

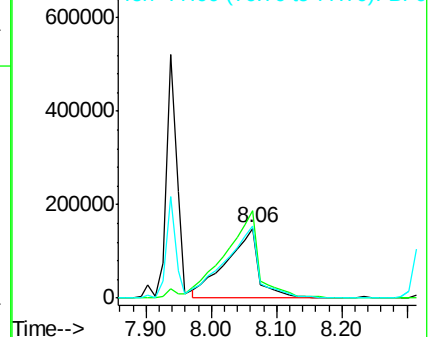
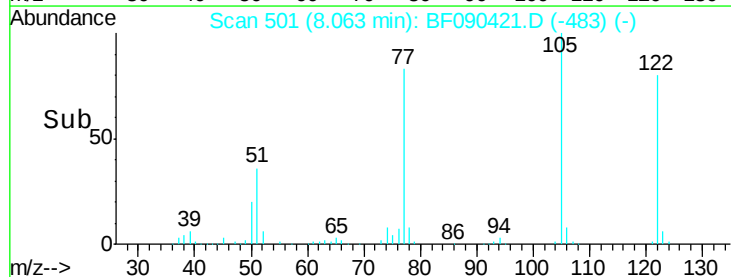
77 104.0 74.6 114.6



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

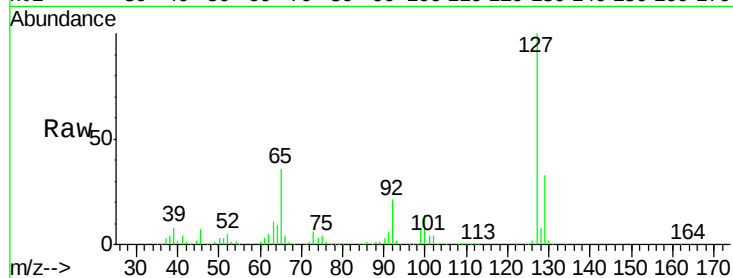




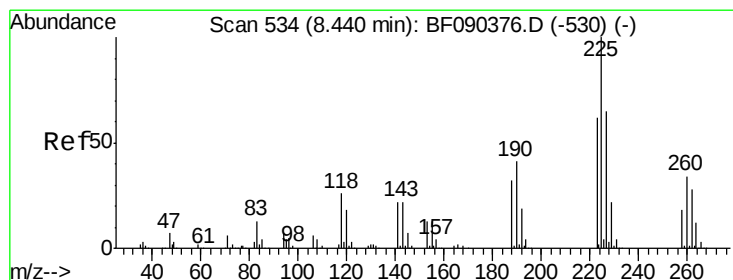
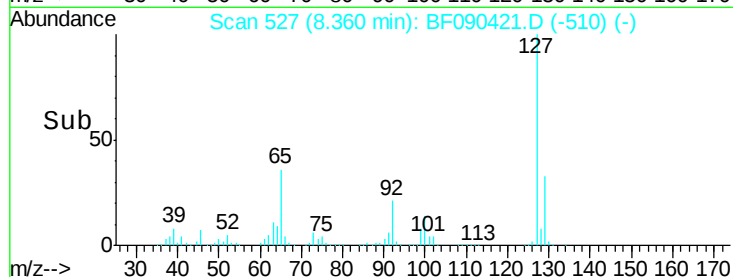
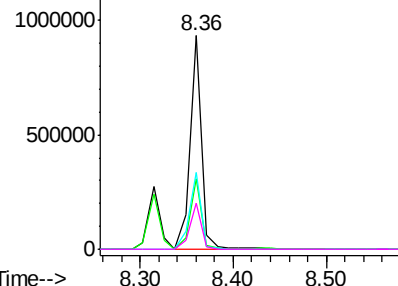
#33
 4-Chloroaniline
 Concen: 38.82 ng
 RT: 8.36 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	127	Resp:	807803
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.4
65	35.7	32.5	48.7
92	21.3	17.2	25.8

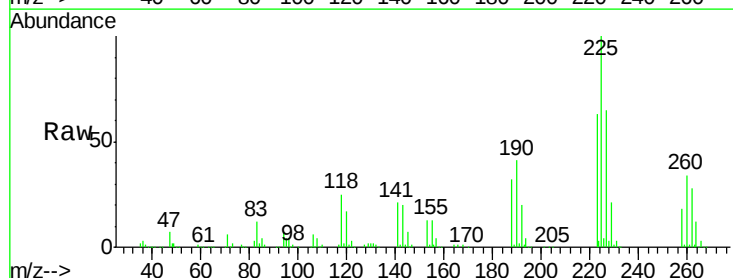


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

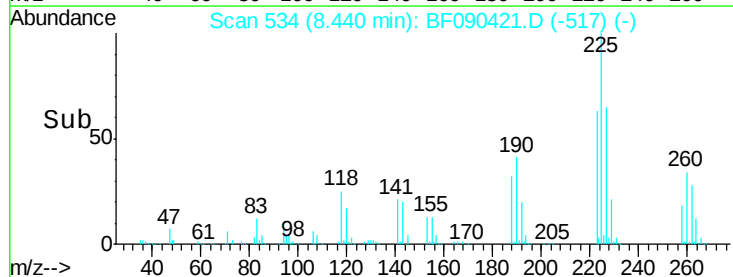
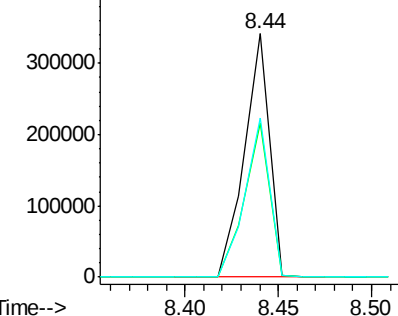


#34
 Hexachlorobutadiene
 Concen: 40.31 ng
 RT: 8.44 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:	225	Resp:	314628
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.4
227	65.2	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

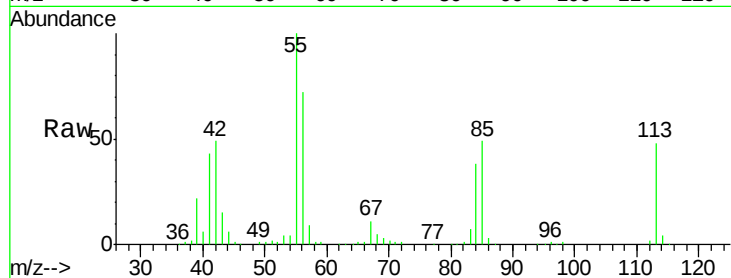




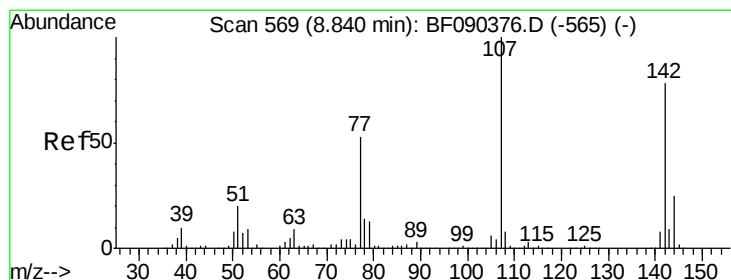
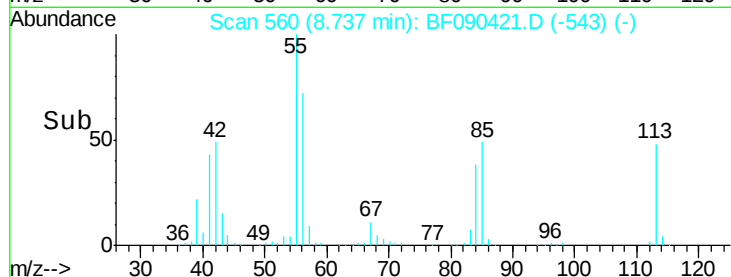
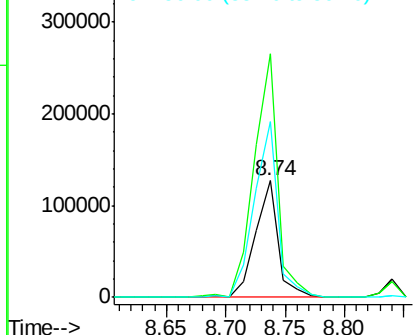
#35
 Caprolactam
 Concen: 37.52 ng
 RT: 8.74 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 170998
 Ion Ratio Lower Upper
 113 100
 55 208.4 203.3 243.3
 56 150.5 140.5 180.5

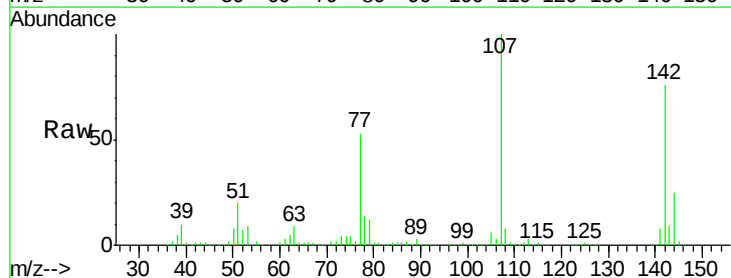


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

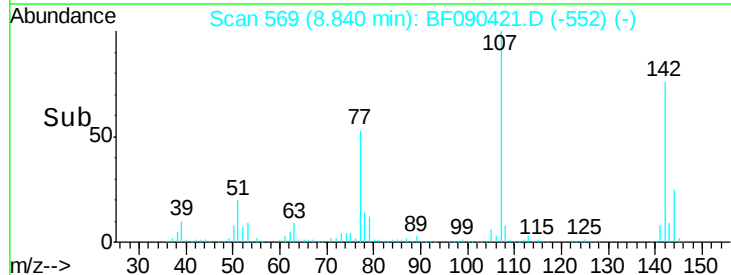
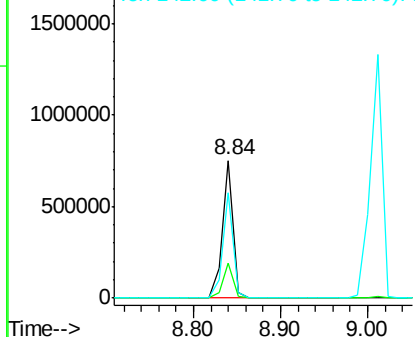


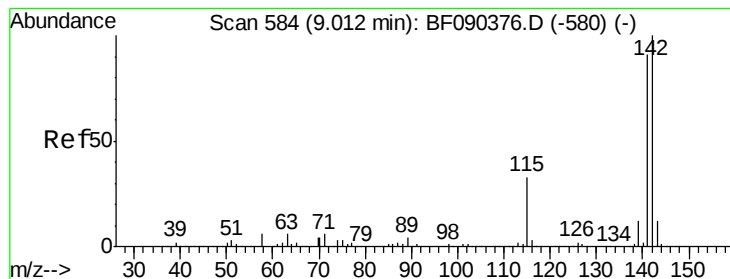
#36
 4-Chloro-3-methylphenol
 Concen: 38.50 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:107 Resp: 653381
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.8 29.8
 142 76.4 60.7 91.1



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





#37

2-Methylnaphthalene

Concen: 40.76 ng

RT: 9.01 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

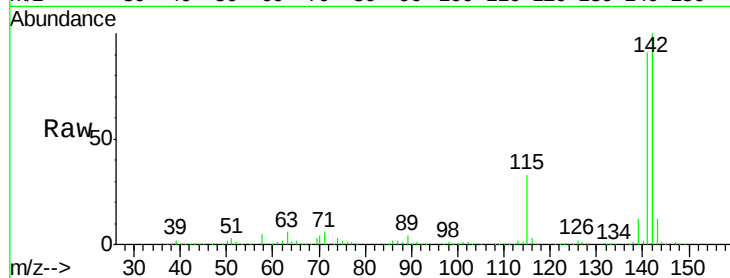
Tgt Ion:142 Resp: 1242243

Ion Ratio Lower Upper

142 100

141 90.8 71.8 107.8

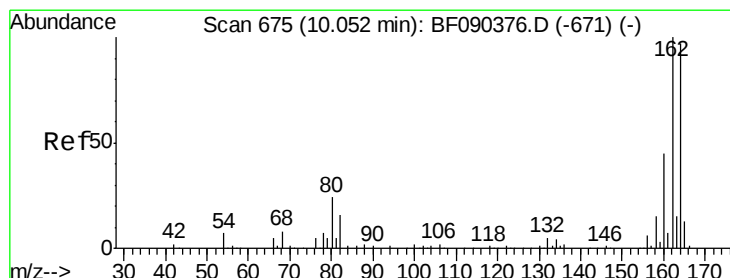
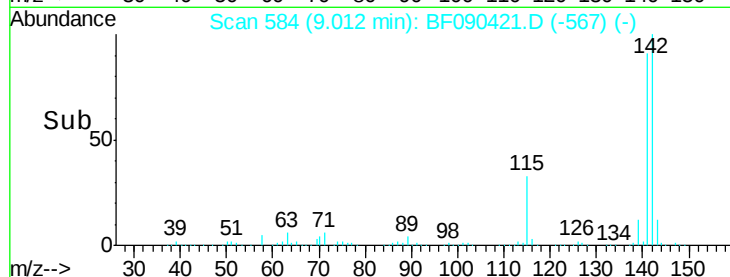
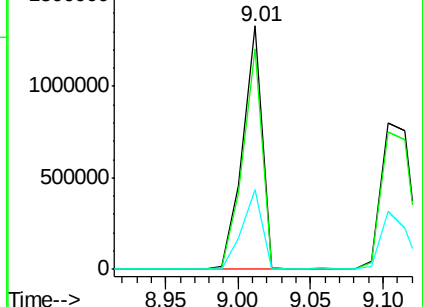
115 32.5 28.8 43.2



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: BF090421.D

Acq: 6 Oct 2016 11:59

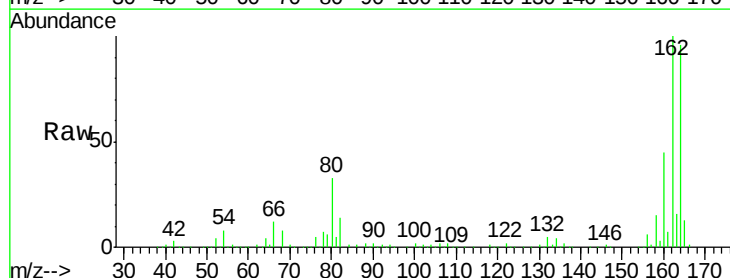
Tgt Ion:164 Resp: 504901

Ion Ratio Lower Upper

164 100

162 103.8 80.1 120.1

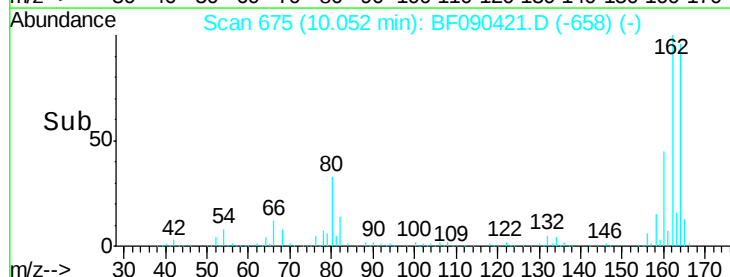
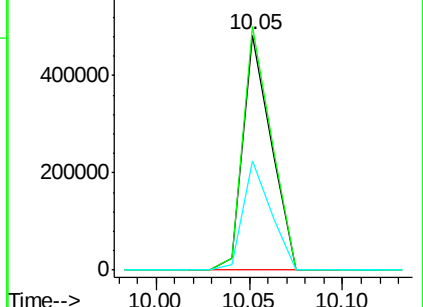
160 46.8 36.3 54.5

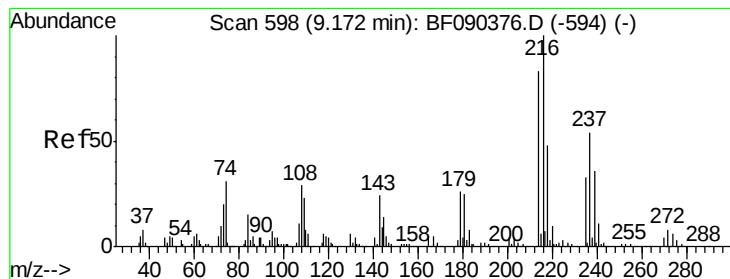


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.82 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

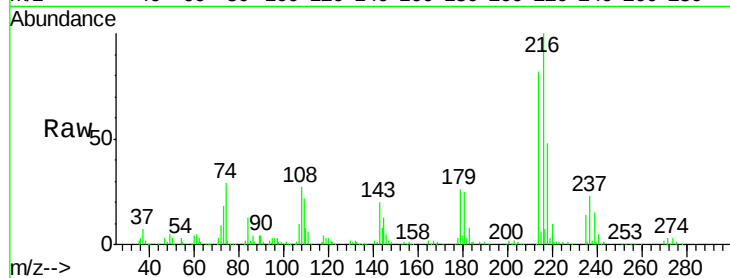
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	216	Resp:	476802
Ion Ratio	Lower	Upper	
216	100		
214	80.4	64.2	96.2
179	23.3	18.0	27.0
108	23.4	15.2	22.8#

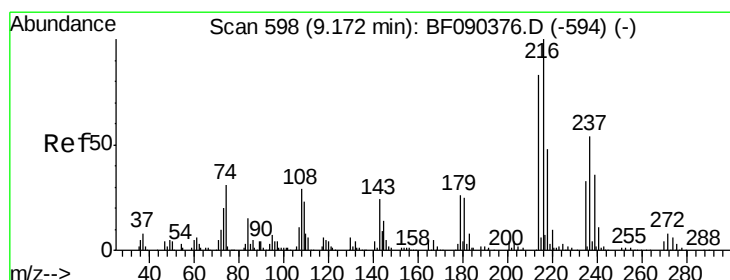
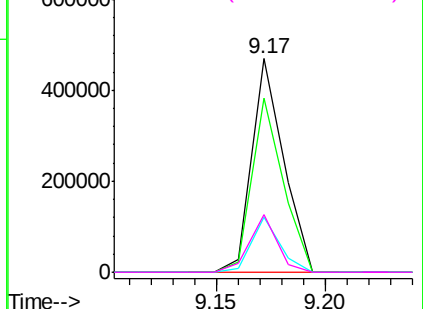
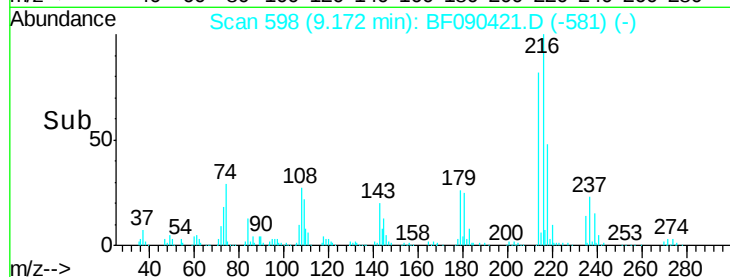


Abundance Ion 216.00 (215.70 to 216.70): E

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: 21.42 ng

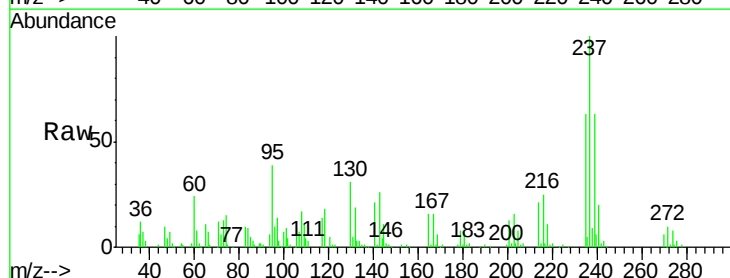
RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

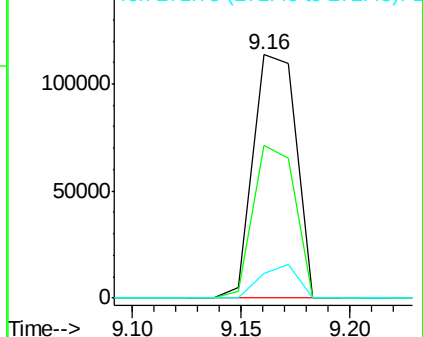
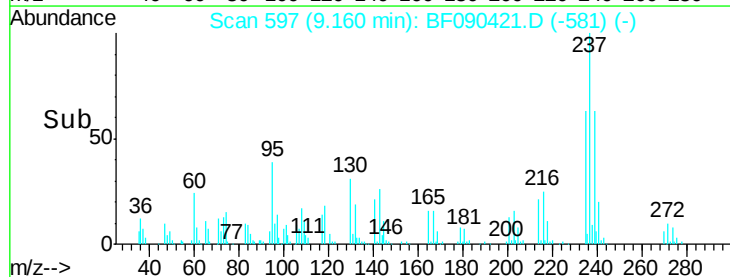
Tgt Ion:	237	Resp:	156263
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.6	83.6
272	10.3	0.0	32.7

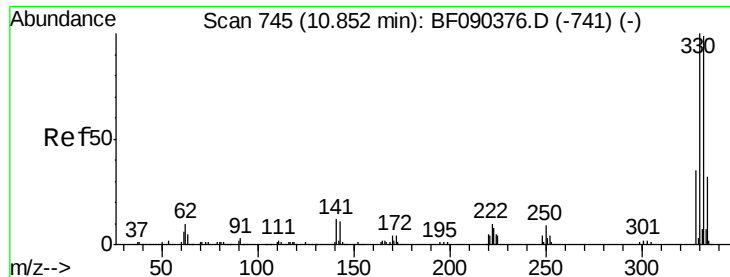


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

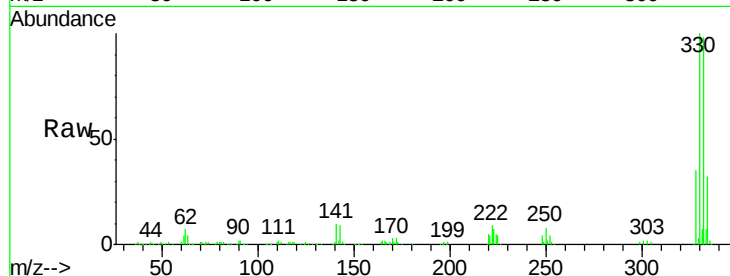




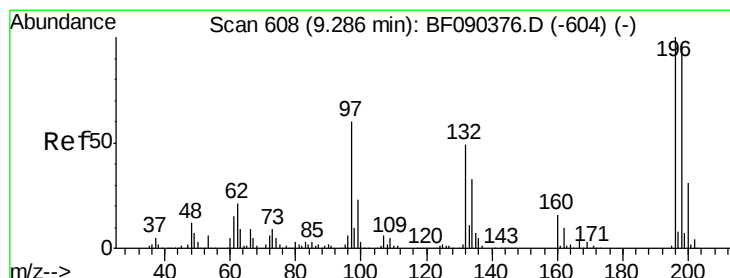
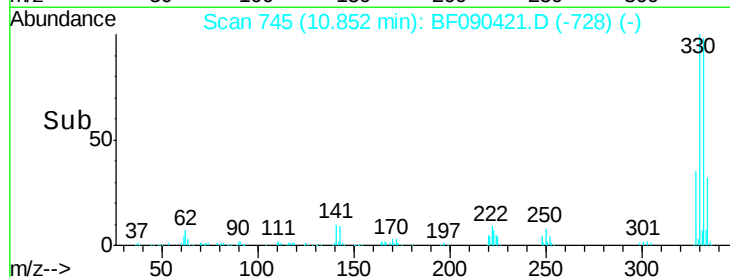
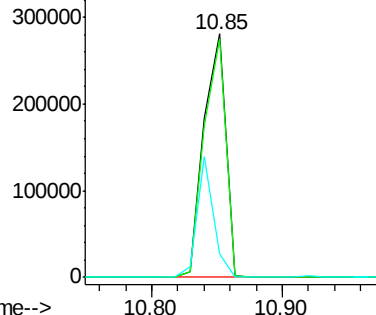
#41
 2,4,6-Tribromophenol
 Concen: 79.27 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 325464
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 37.7 26.9 40.3

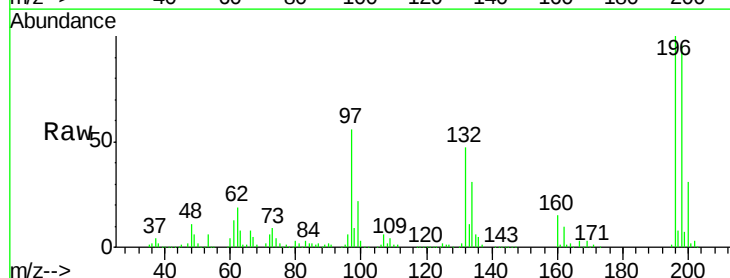


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

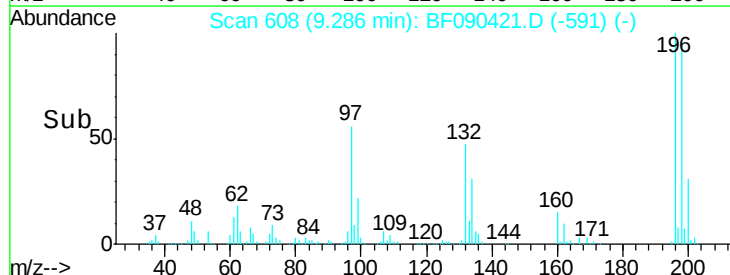
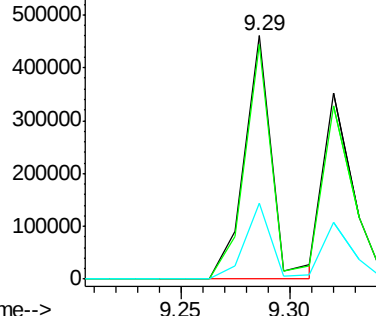


#42
 2,4,6-Trichlorophenol
 Concen: 44.34 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:196 Resp: 407294
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.9 118.3
 200 31.1 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

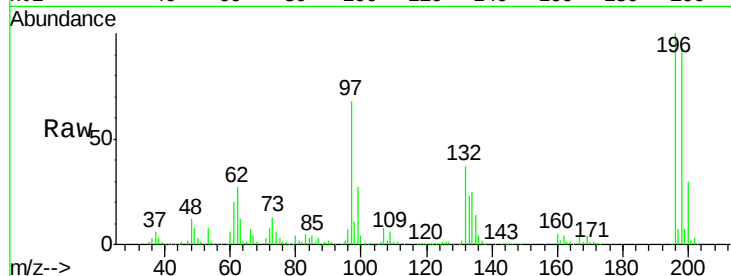




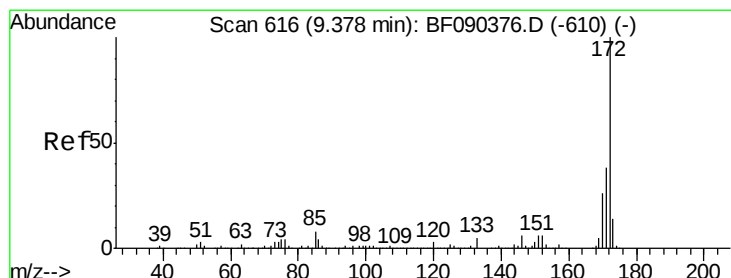
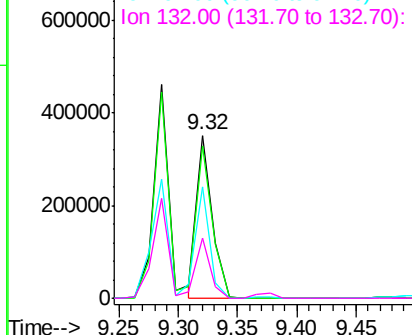
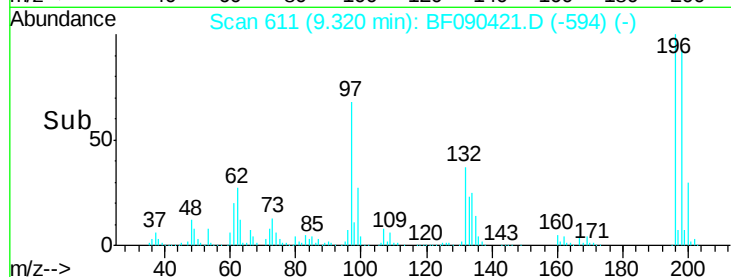
#43
 2,4,5-Trichlorophenol
 Concen: 37.55 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 326139
 Ion Ratio Lower Upper
 196 100
 198 93.2 78.1 117.1
 97 68.4 48.1 72.1
 132 37.2 27.4 41.2

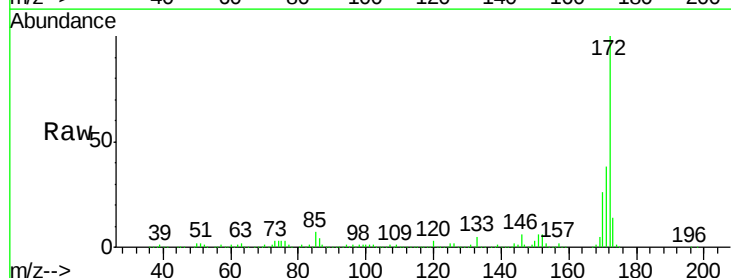


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

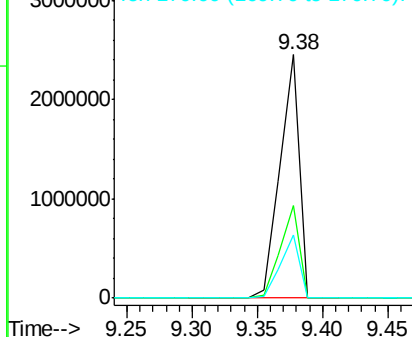
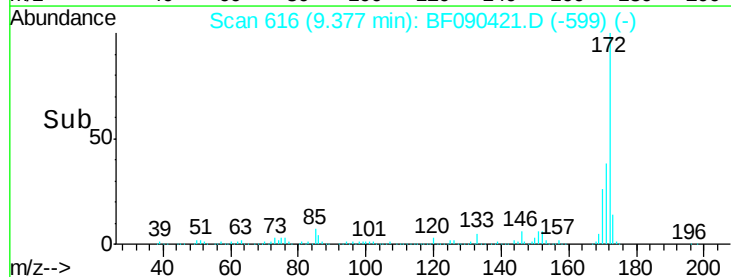


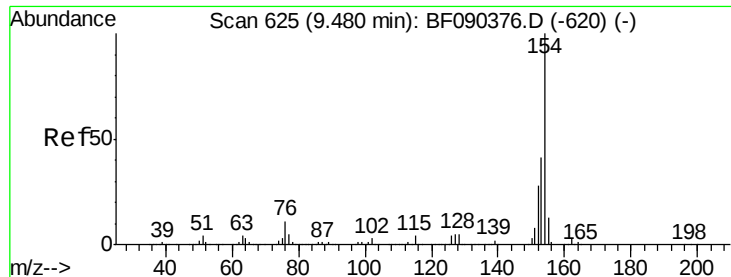
#44
 2-Fluorobiphenyl
 Concen: 84.17 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:172 Resp: 2550780
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.8 47.8
 170 26.2 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

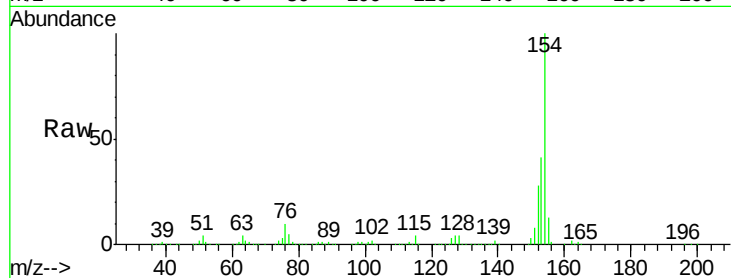




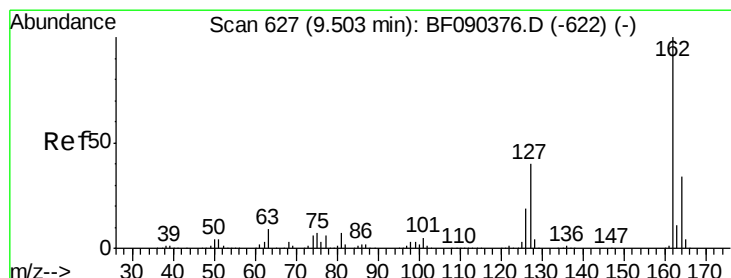
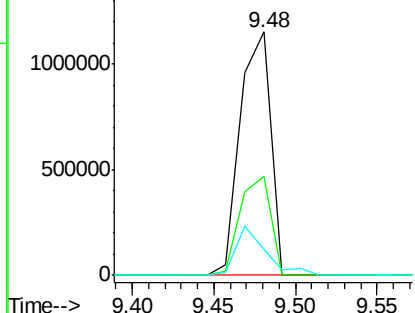
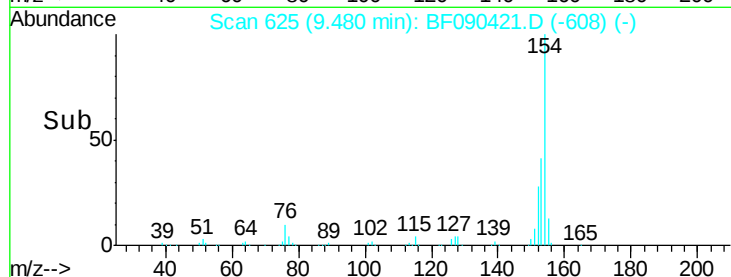
#45
 1,1'-Biphenyl
 Concen: 39.76 ng
 RT: 9.48 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1487732
 Ion Ratio Lower Upper
 154 100
 153 40.6 23.8 63.8
 76 10.5 0.0 35.8

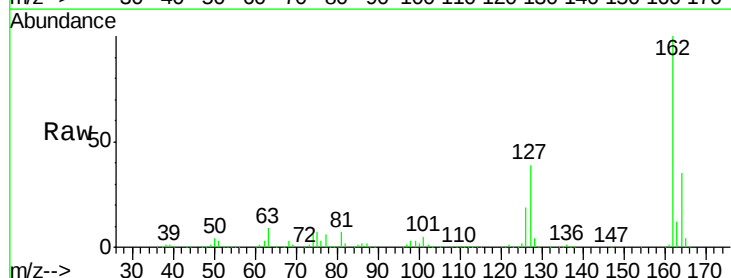


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

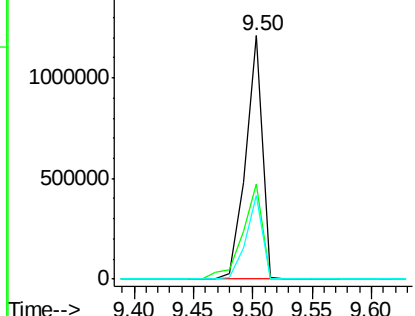
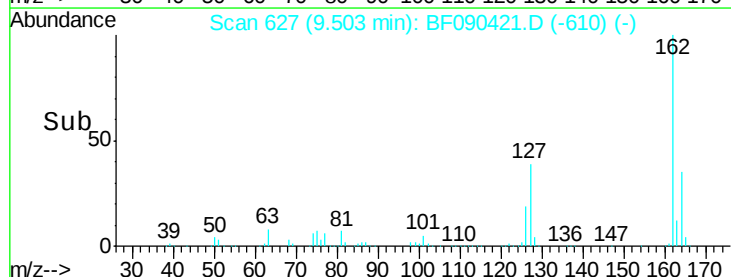


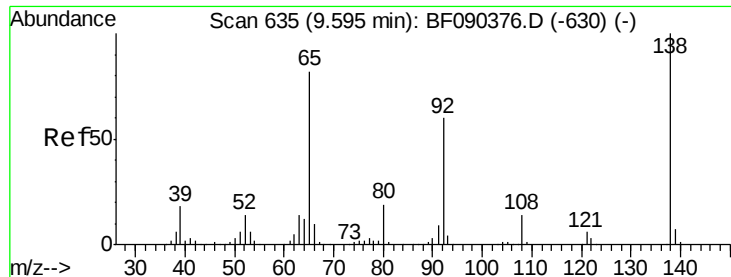
#46
 2-Chloronaphthalene
 Concen: 42.80 ng
 RT: 9.50 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:162 Resp: 1183209
 Ion Ratio Lower Upper
 162 100
 127 39.3 35.6 53.4
 164 34.5 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

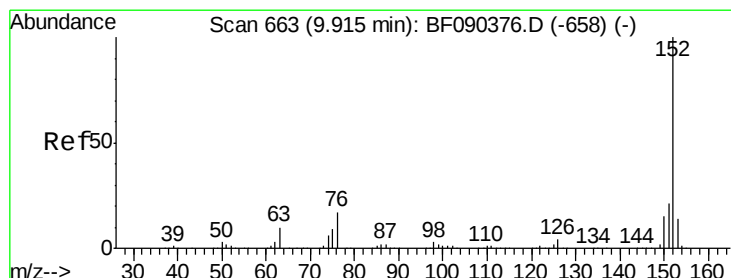
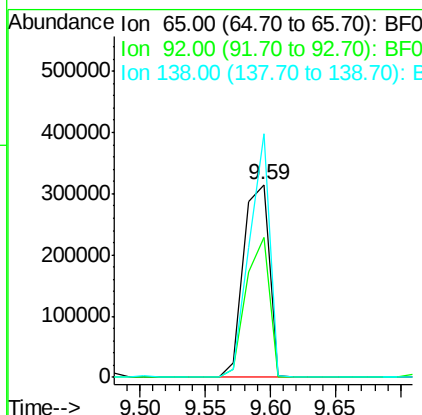
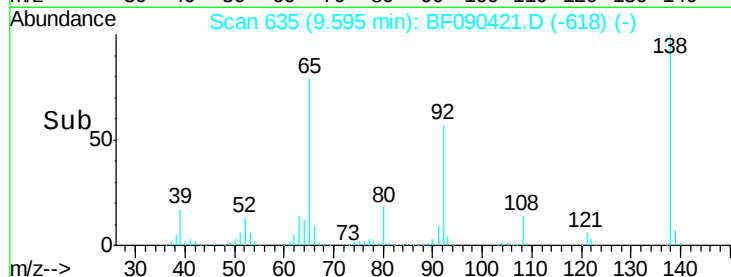
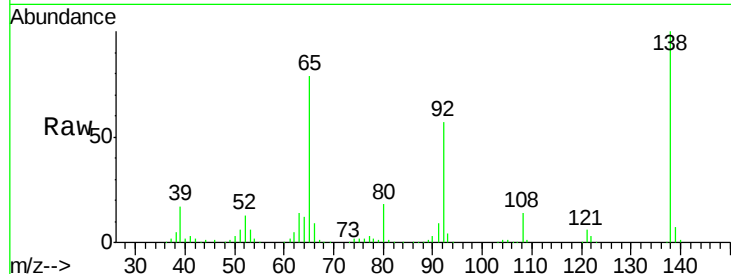




#47
 2-Nitroaniline
 Concen: 39.61 ng
 RT: 9.59 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

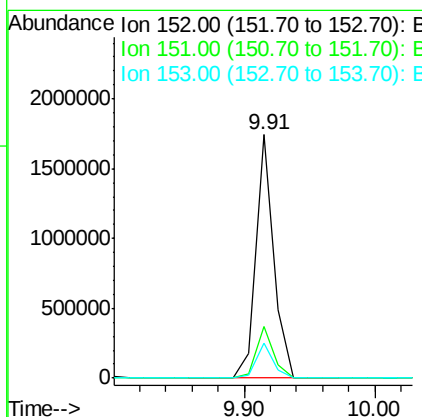
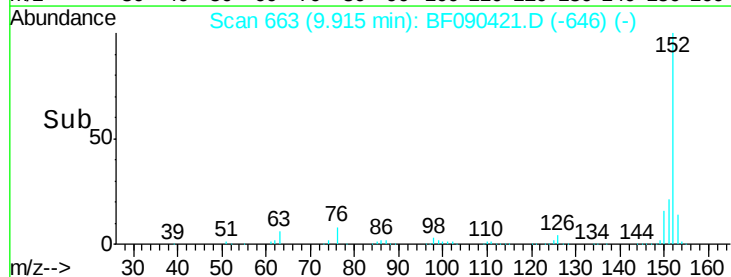
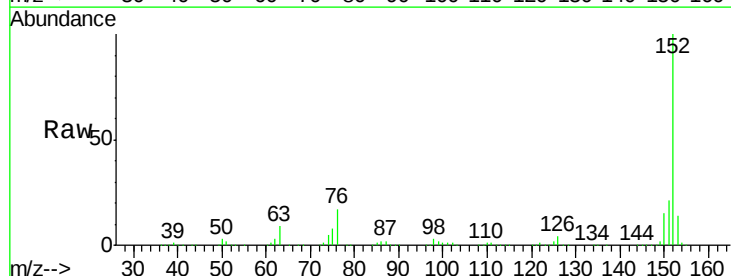
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

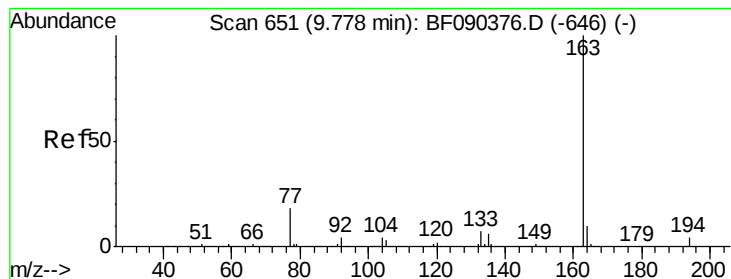
Tgt Ion: 65 Resp: 432011
 Ion Ratio Lower Upper
 65 100
 92 72.5 51.7 77.5
 138 126.3 79.0 118.4#



#48
 Acenaphthylene
 Concen: 36.37 ng
 RT: 9.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion: 152 Resp: 1659006
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.4 26.0
 153 14.4 11.6 17.4





#49

Dimethylphthalate

Concen: 42.42 ng

RT: 9.78 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

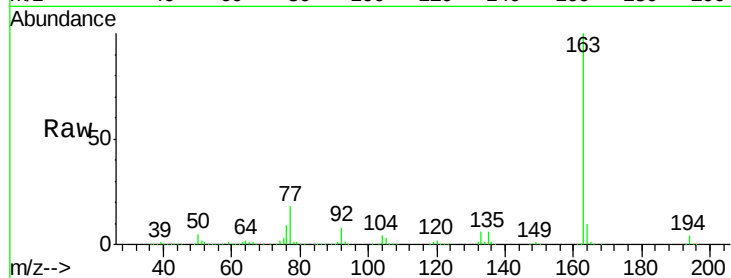
Tgt Ion:163 Resp: 1371752

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

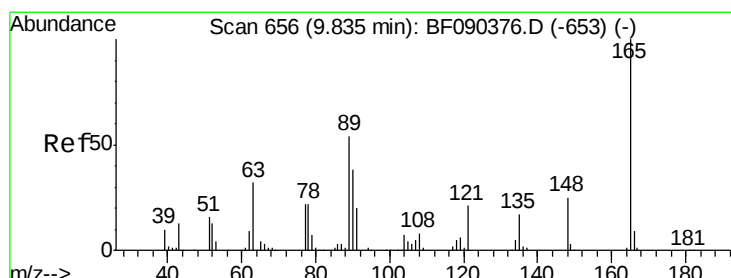
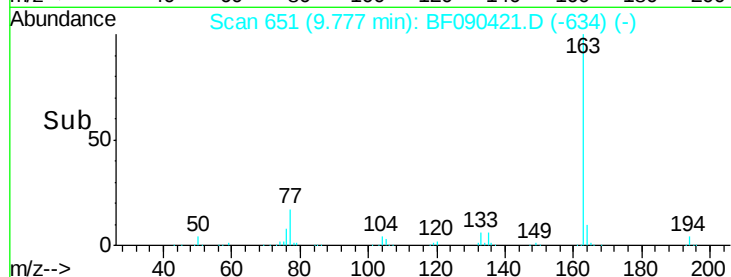
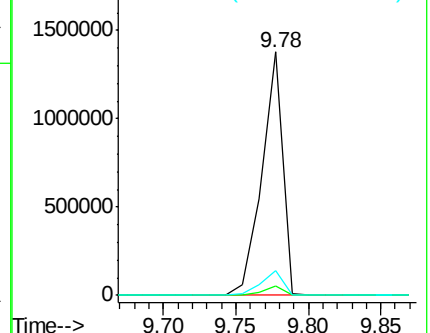
164 10.2 9.0 13.4



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: 43.77 ng

RT: 9.83 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

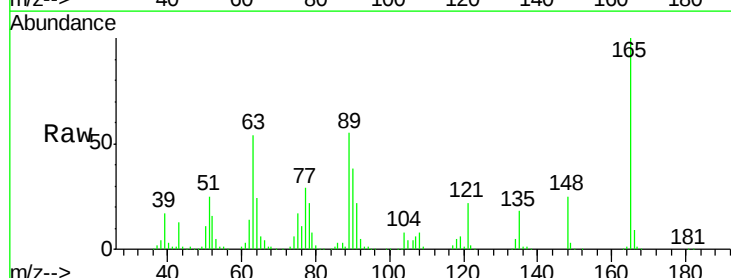
Tgt Ion:165 Resp: 314236

Ion Ratio Lower Upper

165 100

63 53.7 58.0 87.0#

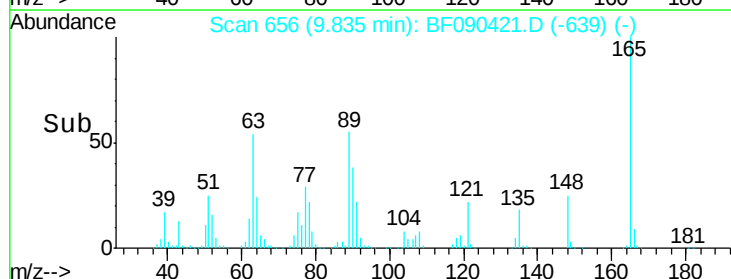
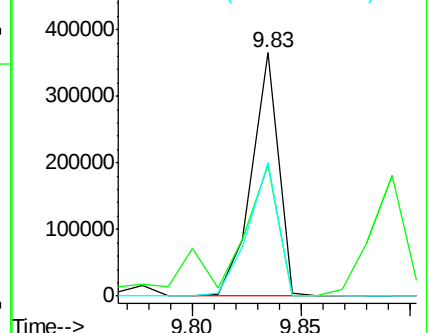
89 54.9 51.2 76.8

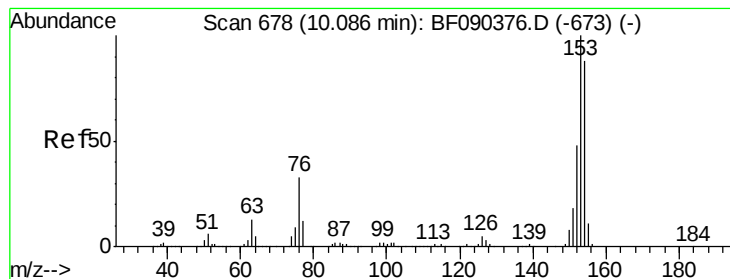


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.69 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

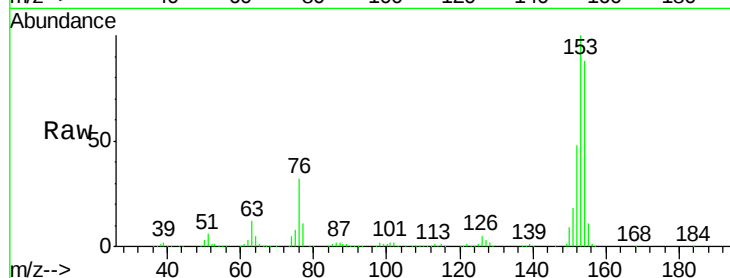
Tgt Ion:154 Resp: 1015100

Ion Ratio Lower Upper

154 100

153 113.7 88.6 133.0

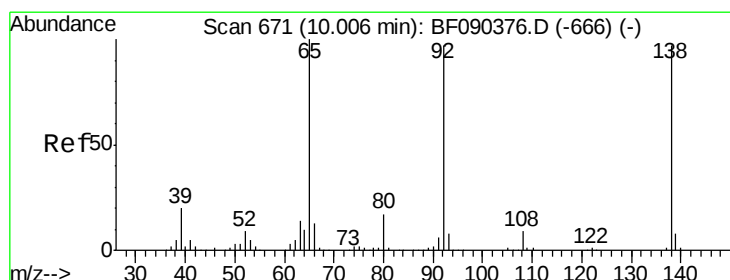
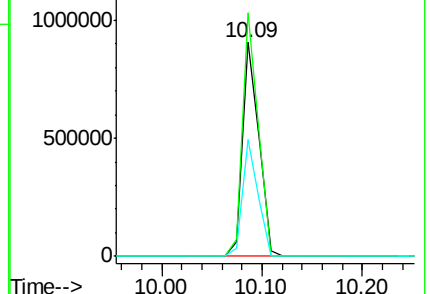
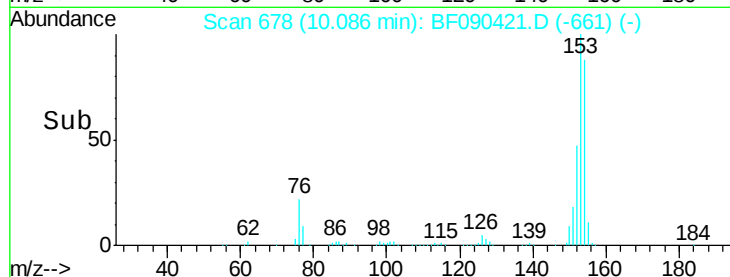
152 54.3 42.6 64.0



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: 43.63 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

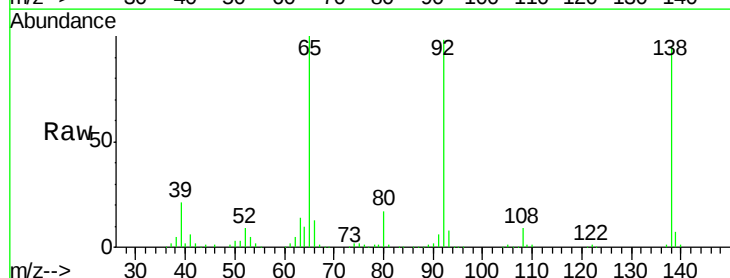
Tgt Ion:138 Resp: 365866

Ion Ratio Lower Upper

138 100

108 9.5 9.7 14.5#

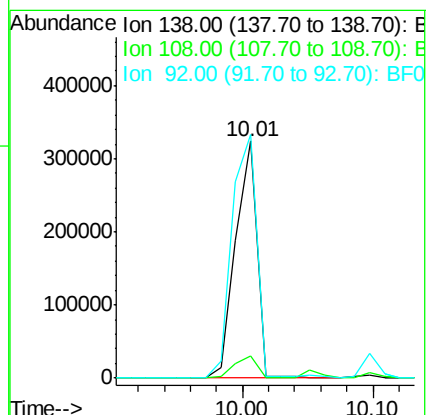
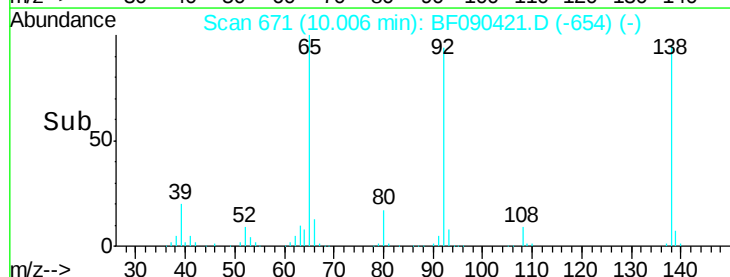
92 102.9 97.1 145.7

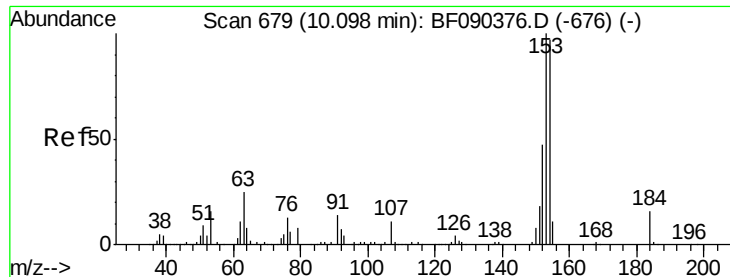


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

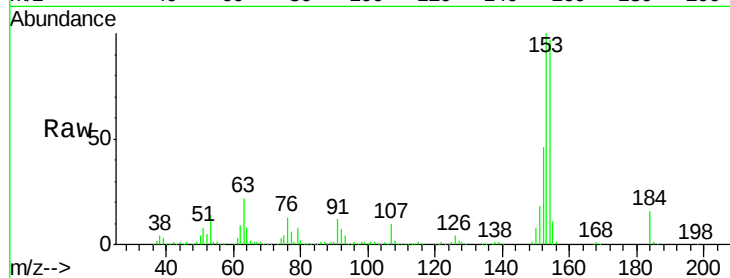




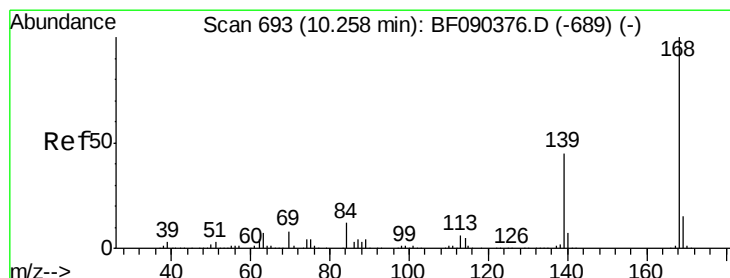
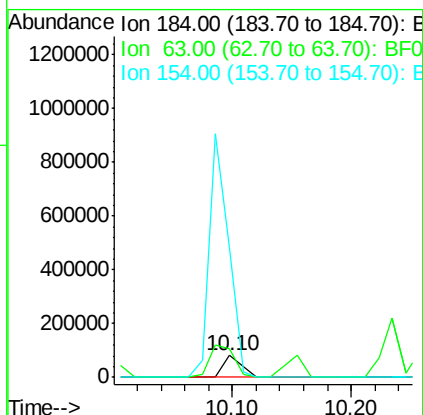
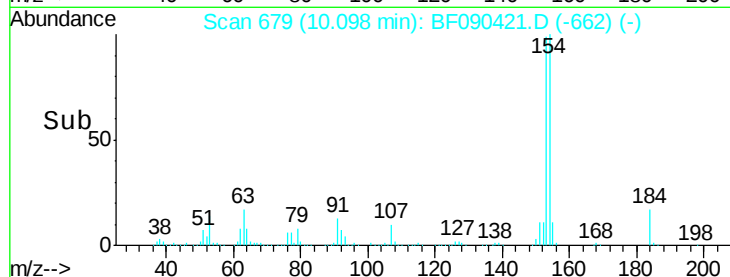
#53
2,4-Dinitrophenol
Concen: 26.87 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 86001
Ion Ratio Lower Upper
184 100
63 134.4 41.9 62.9#
154 600.7 48.9 73.3#

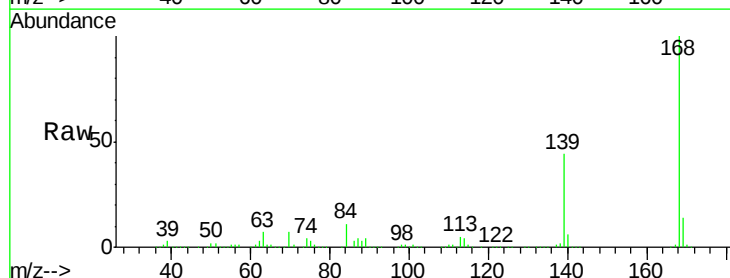


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

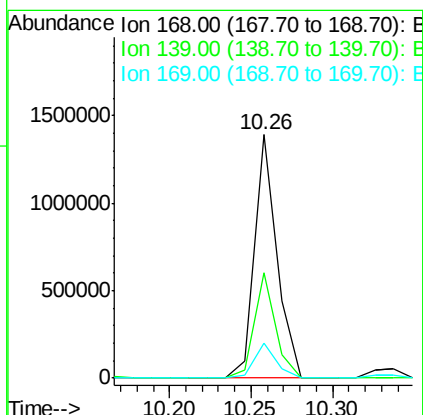
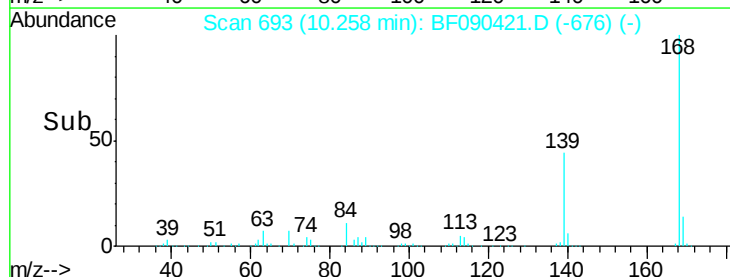


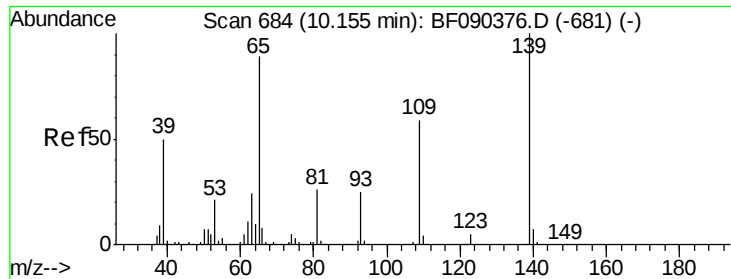
#54
Dibenzofuran
Concen: 35.98 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion:168 Resp: 1324299
Ion Ratio Lower Upper
168 100
139 43.5 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

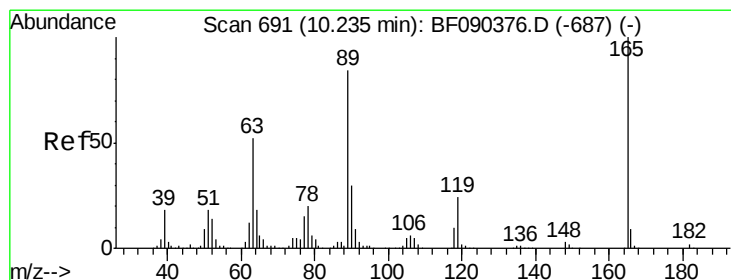
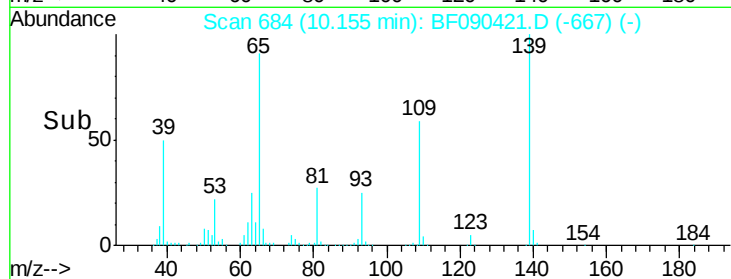
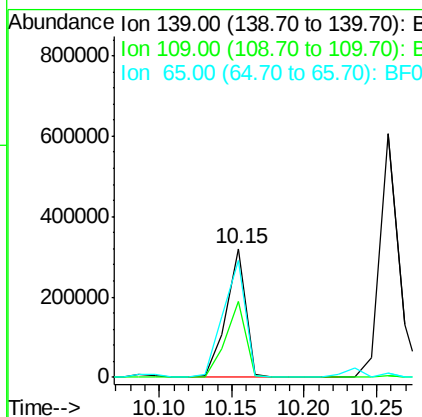
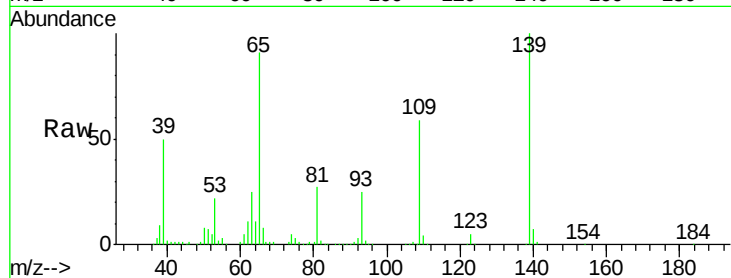




#55
4-Nitrophenol
Concen: 41.34 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

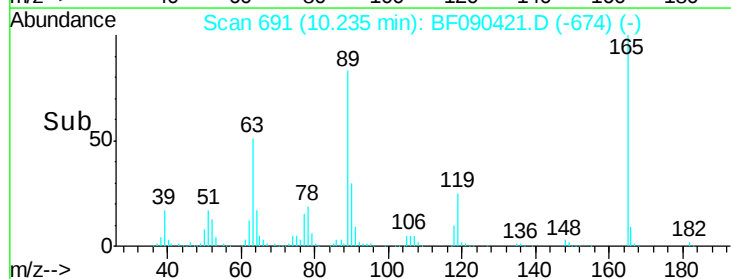
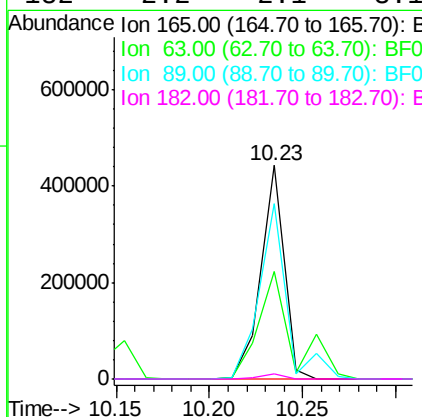
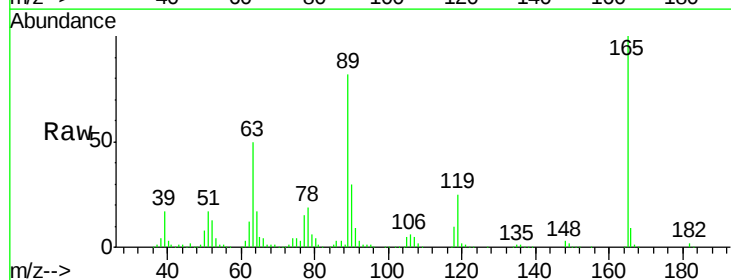
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

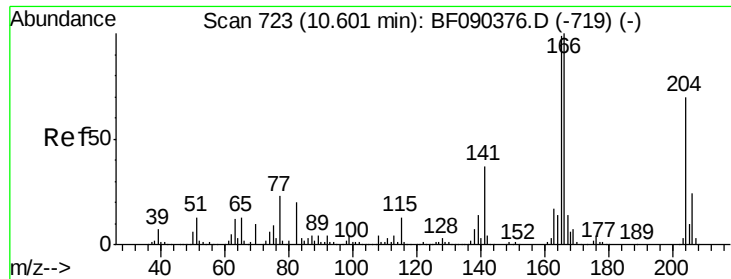
Tgt Ion:139 Resp: 303339
Ion Ratio Lower Upper
139 100
109 58.9 43.6 83.6
65 91.0 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 39.60 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion:165 Resp: 378302
Ion Ratio Lower Upper
165 100
63 50.3 17.8 26.6#
89 81.9 33.2 49.8#
182 2.2 2.1 3.1

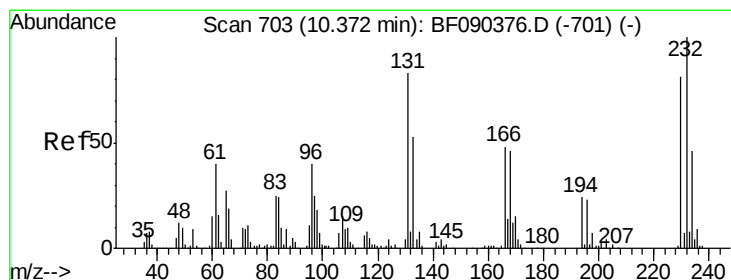
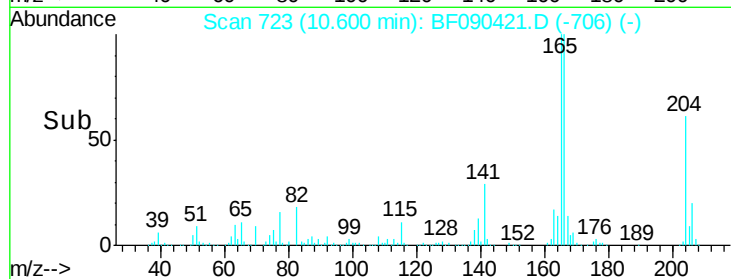
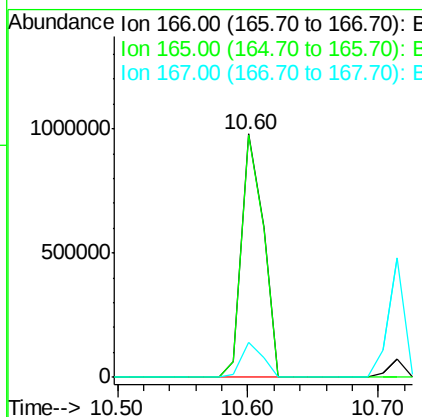
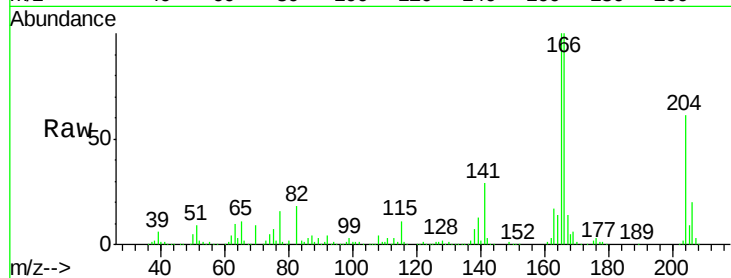




#57
Fluorene
 Concen: 36.56 ng
 RT: 10.60 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

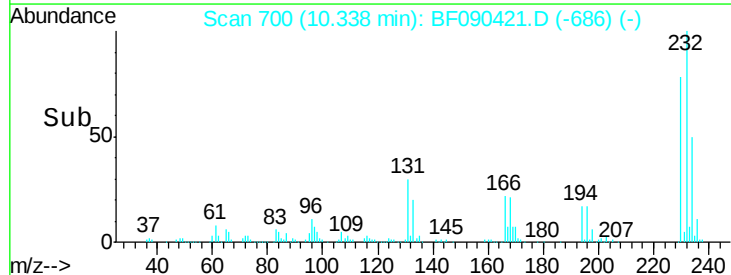
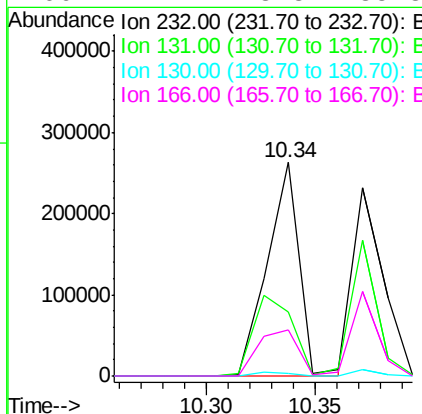
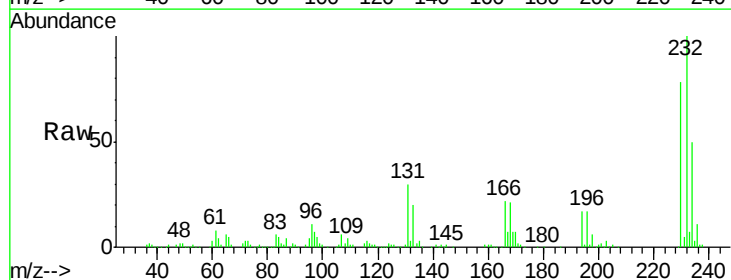
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

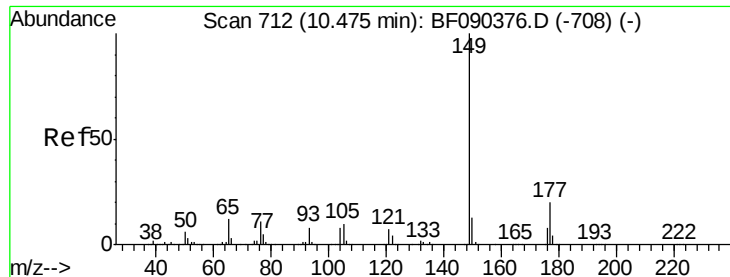
Tgt Ion:166 Resp: 1130890
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.2 118.8
 167 14.3 11.1 16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.88 ng
 RT: 10.34 min Scan# 700
 Delta R.T. -0.03 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:232 Resp: 271646
 Ion Ratio Lower Upper
 232 100
 131 45.7 34.5 51.7
 130 2.2 1.6 2.4
 166 27.4 23.8 35.8

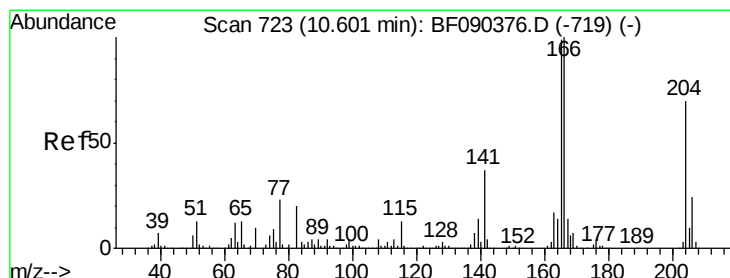
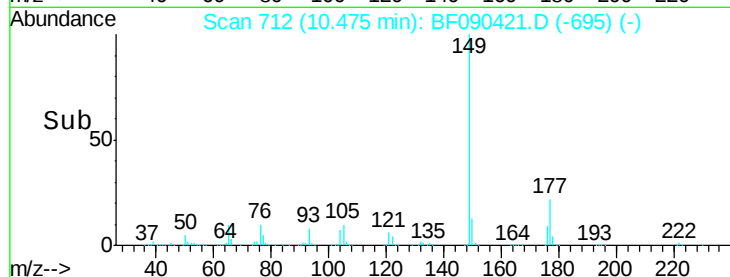
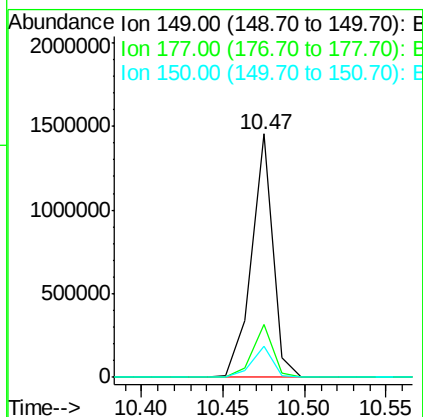
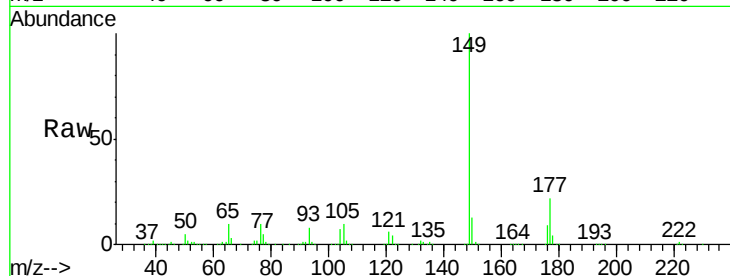




#59
Diethylphthalate
Concen: 39.44 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

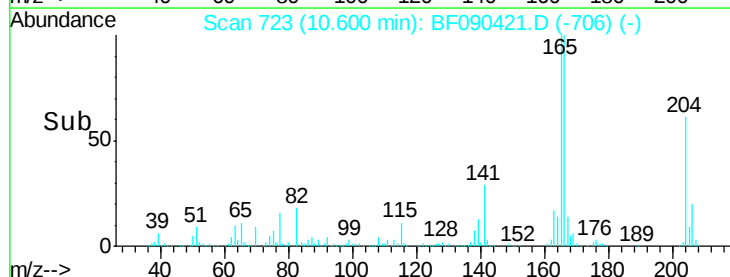
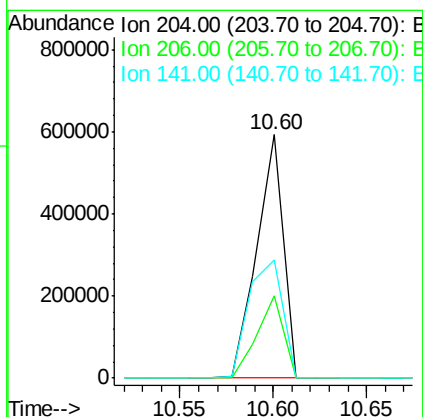
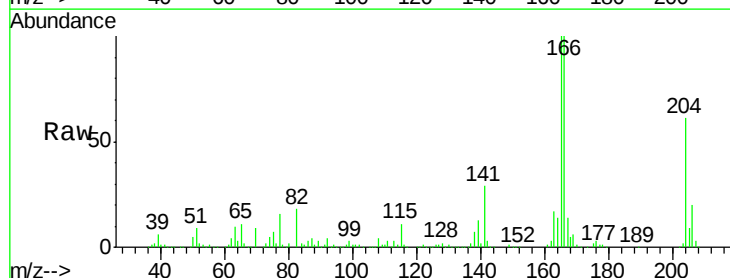
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

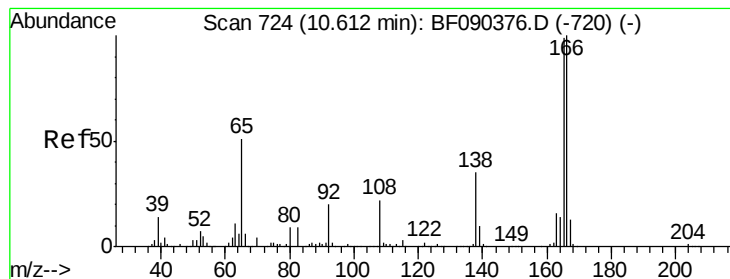
Tgt Ion:149 Resp: 1319622
Ion Ratio Lower Upper
149 100
177 21.6 21.1 31.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.28 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion:204 Resp: 580693
Ion Ratio Lower Upper
204 100
206 33.7 26.7 40.1
141 48.3 51.7 77.5#





#61

4-Nitroaniline

Concen: 36.88 ng

RT: 10.61 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

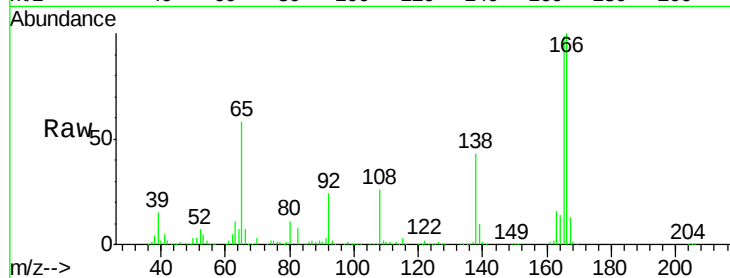
Tgt Ion:138 Resp: 311599

Ion Ratio Lower Upper

138 100

92 56.8 33.2 73.2

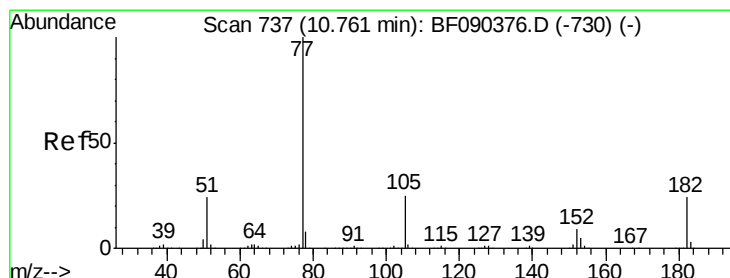
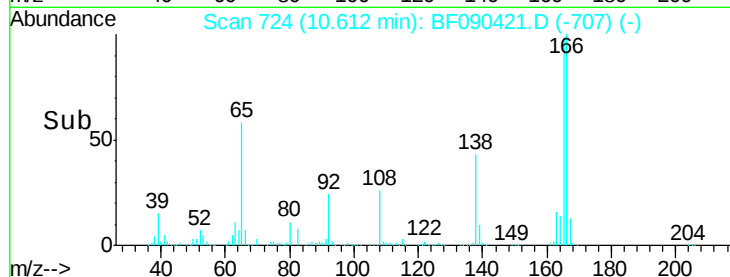
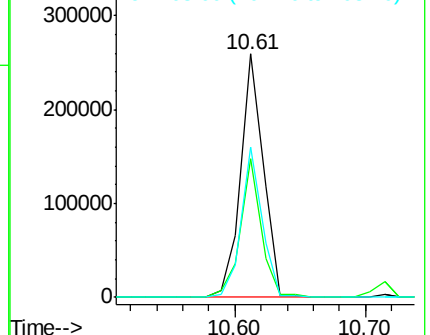
108 61.6 48.5 88.5



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: 40.33 ng

RT: 10.76 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Tgt Ion: 77 Resp: 1558509

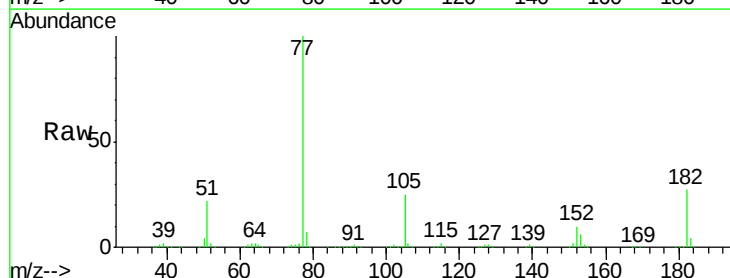
Ion Ratio Lower Upper

77 100

182 27.5 3.2 43.2

105 24.9 2.9 42.9

51 22.4 14.2 54.2

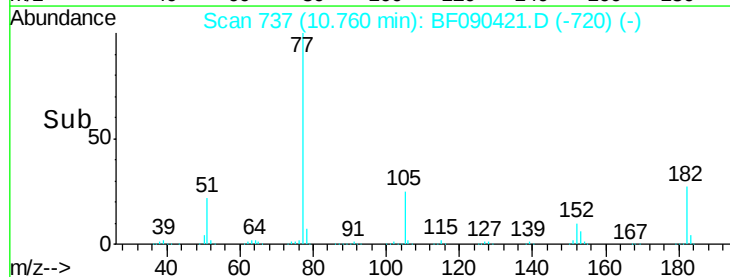
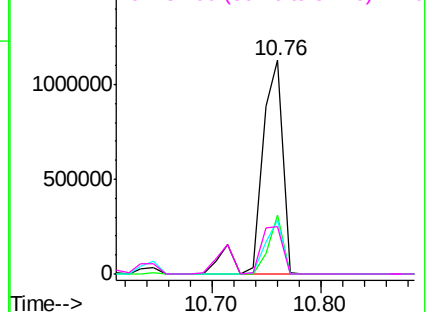


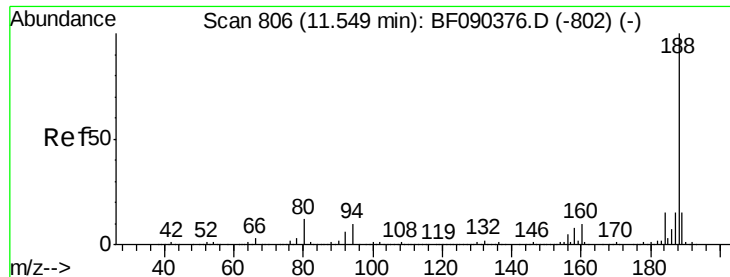
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

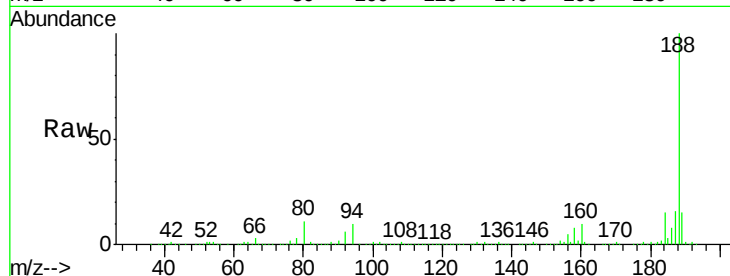




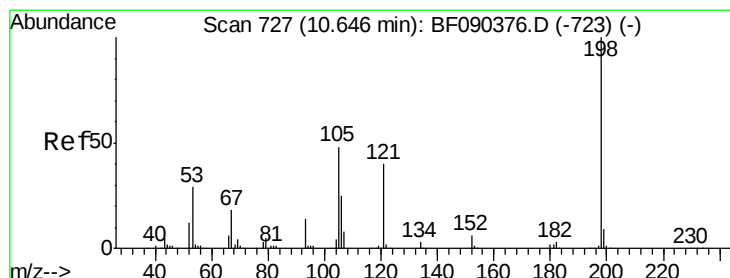
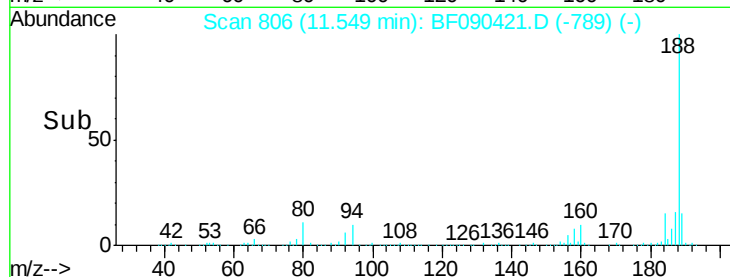
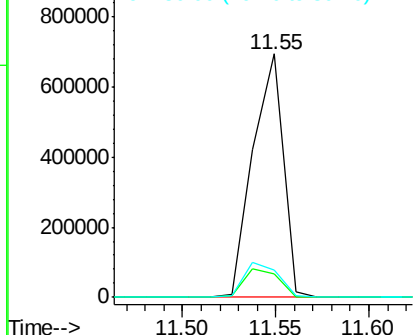
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:188 Resp: 783392
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 11.4 8.8 13.2

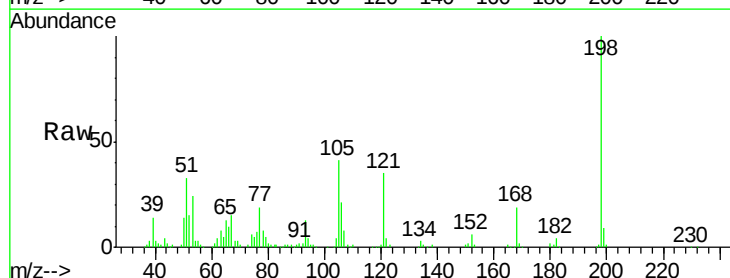


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

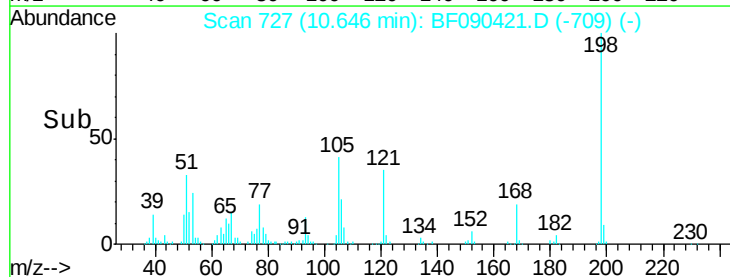
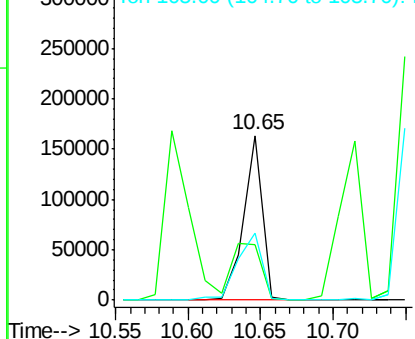


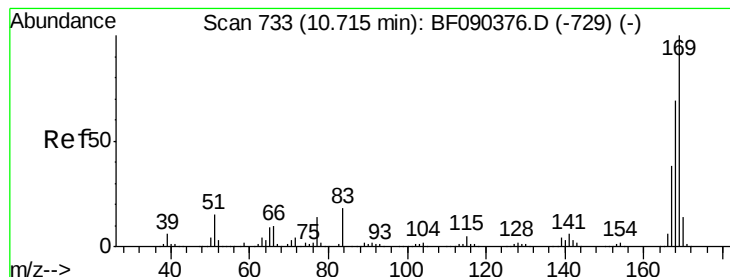
#64
4,6-Dinitro-2-methylphenol
Concen: 30.17 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion:198 Resp: 147522
Ion Ratio Lower Upper
198 100
51 33.3 67.3 107.3#
105 40.8 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

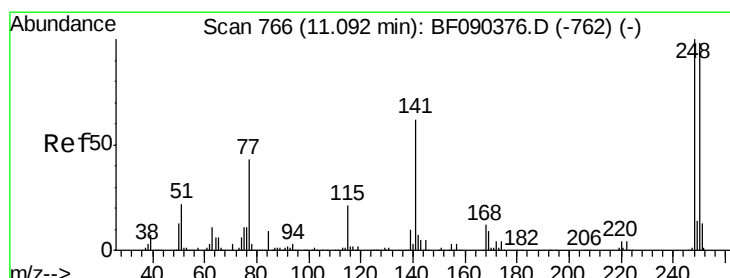
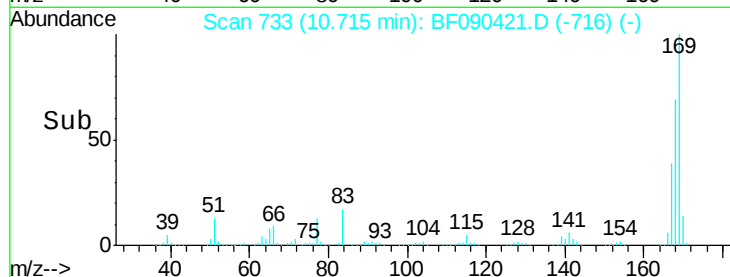
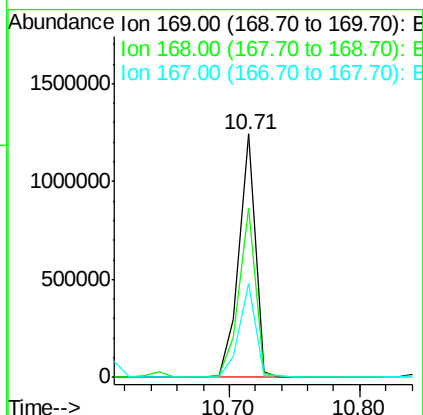
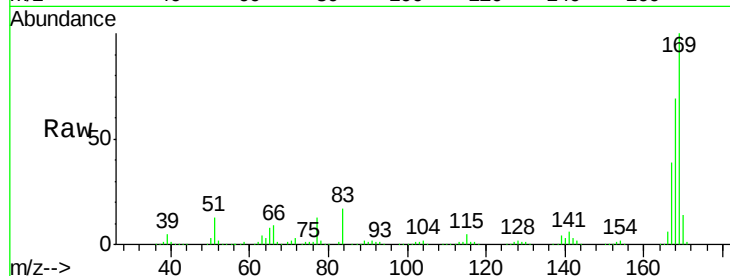




#65
 n-Nitrosodiphenylamine
 Concen: 41.20 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

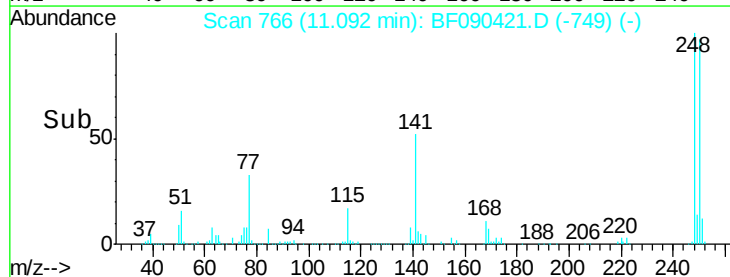
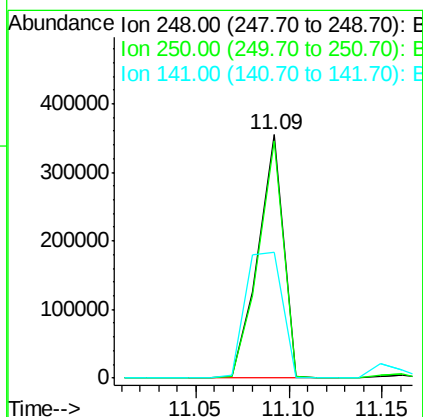
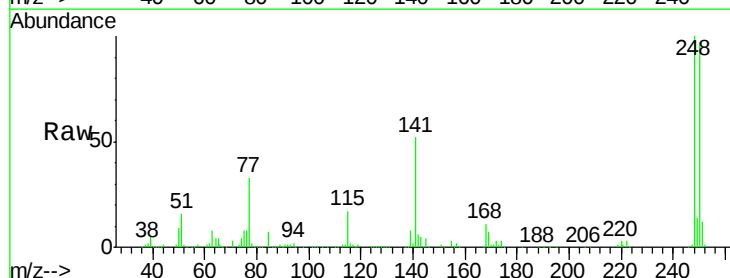
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

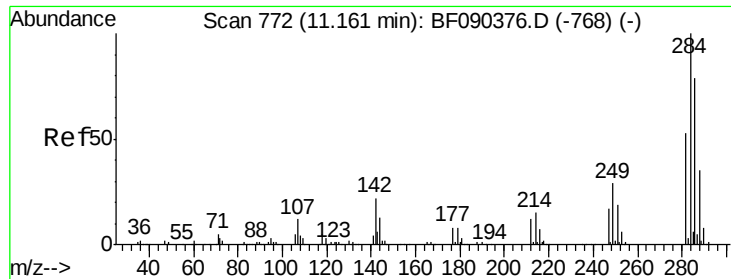
Tgt Ion:169 Resp: 1081581
 Ion Ratio Lower Upper
 169 100
 168 69.4 53.8 80.6
 167 38.8 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 43.22 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:248 Resp: 331910
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.5 114.7
 141 51.7 59.8 89.6#

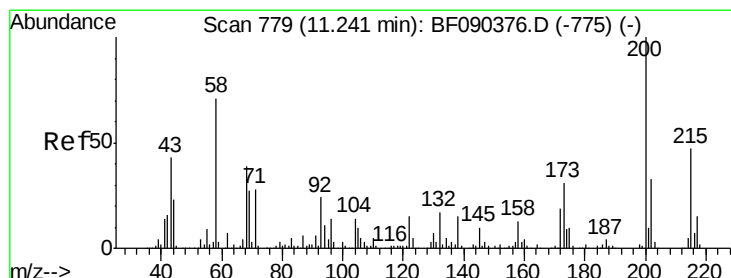
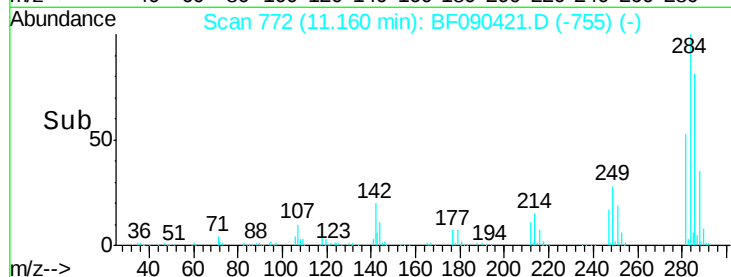
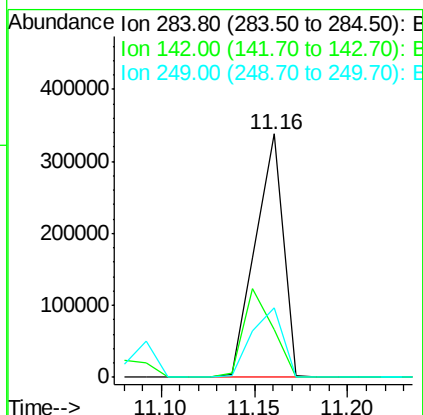
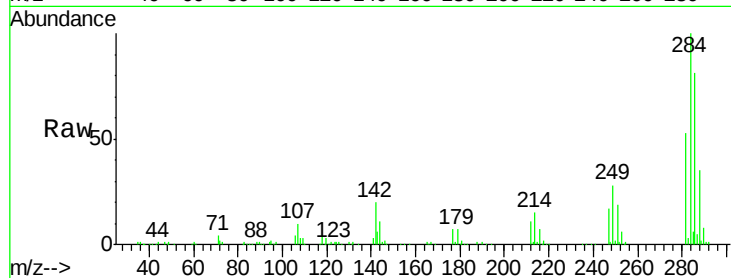




#67
Hexachlorobenzene
Concen: 40.85 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

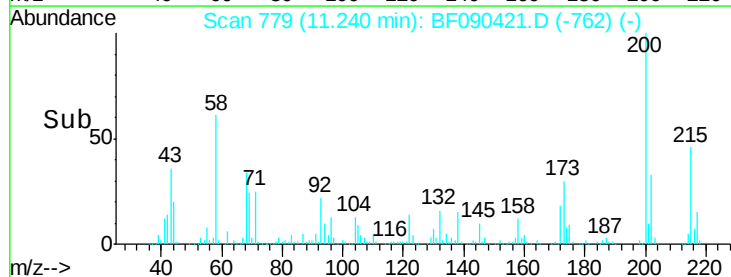
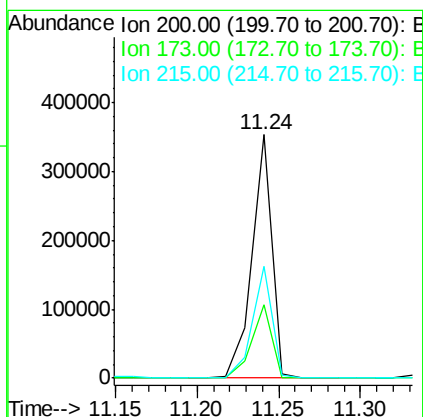
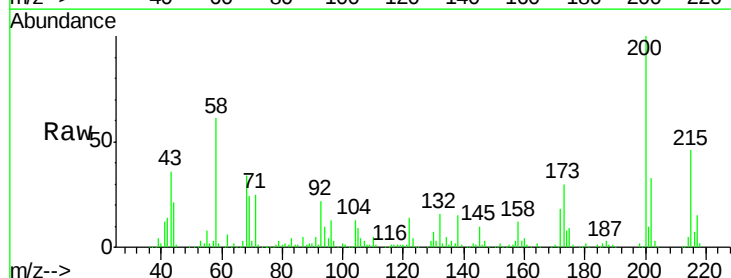
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

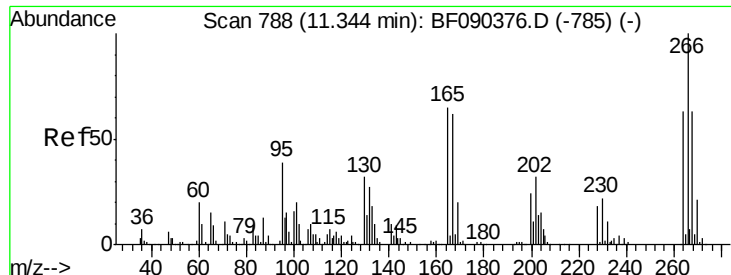
Tgt Ion:284 Resp: 349369
Ion Ratio Lower Upper
284 100
142 19.7 23.1 34.7#
249 28.4 26.3 39.5



#68
Atrazine
Concen: 46.22 ng
RT: 11.24 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion:200 Resp: 299167
Ion Ratio Lower Upper
200 100
173 30.1 9.0 49.0
215 45.9 24.8 64.8

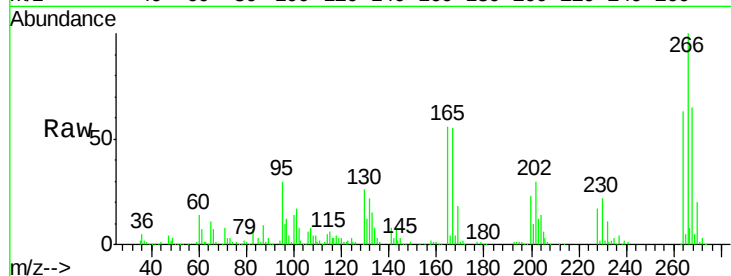




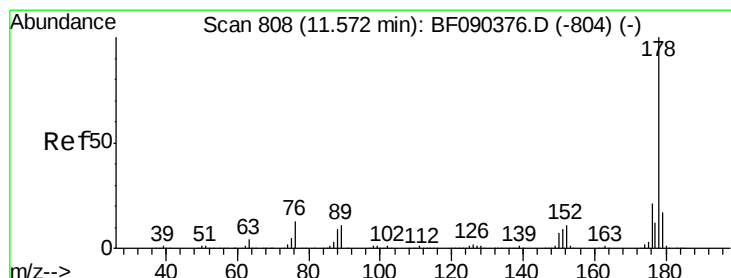
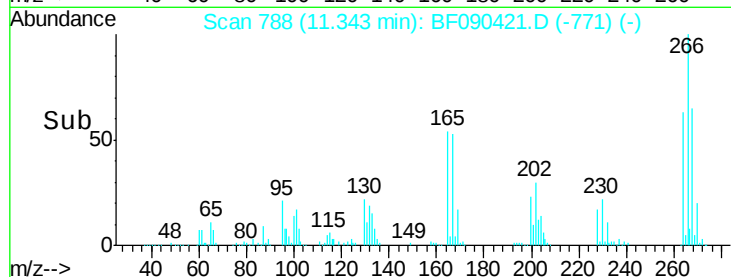
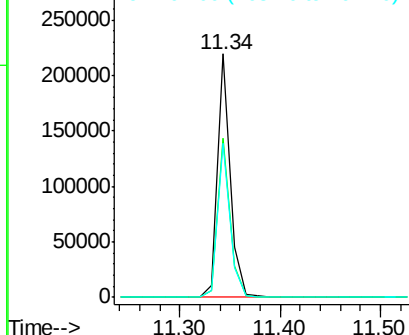
#69
 Pentachlorophenol
 Concen: 37.90 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 192910
 Ion Ratio Lower Upper
 266 100
 268 65.2 50.9 76.3
 264 63.3 51.5 77.3

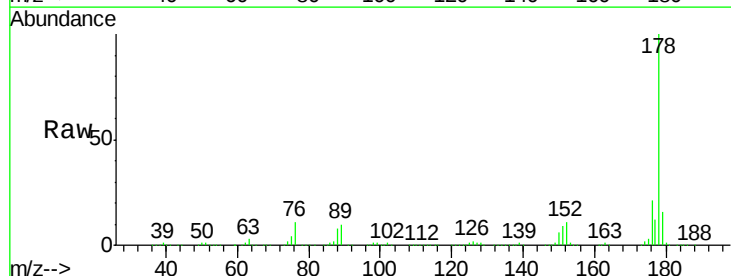


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

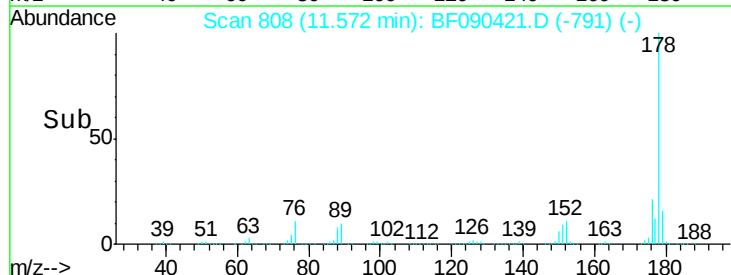
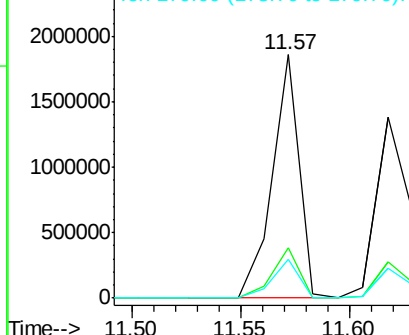


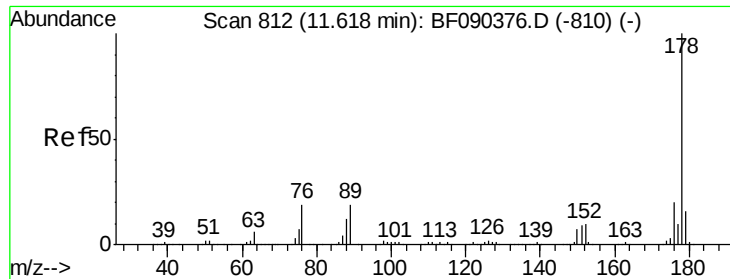
#70
 Phenanthrene
 Concen: 40.22 ng
 RT: 11.57 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:178 Resp: 1613359
 Ion Ratio Lower Upper
 178 100
 176 20.7 17.3 25.9
 179 16.0 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

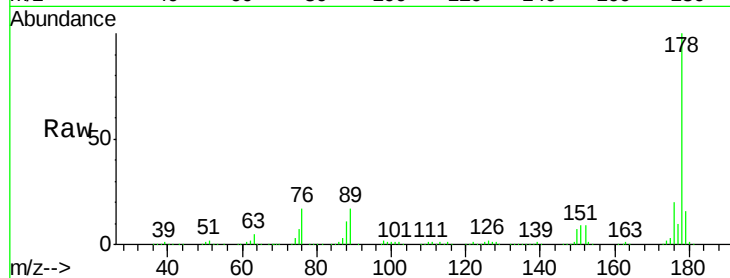




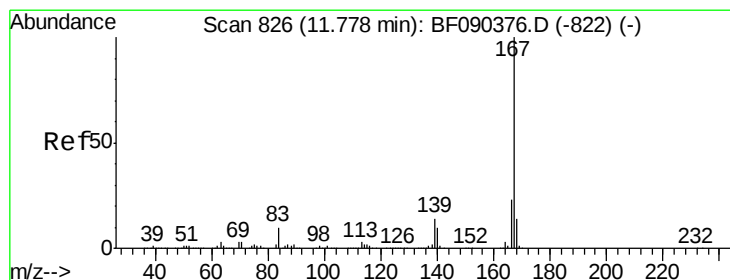
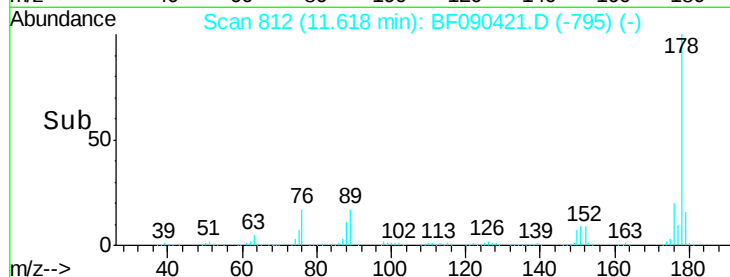
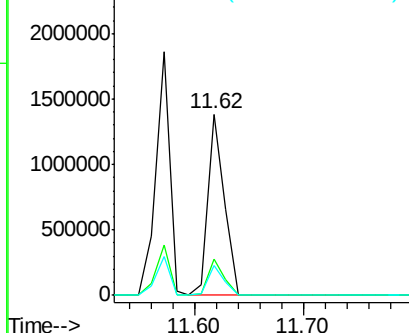
#71
 Anthracene
 Concen: 35.72 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1463385
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.8 25.2
 179 16.5 13.4 20.2

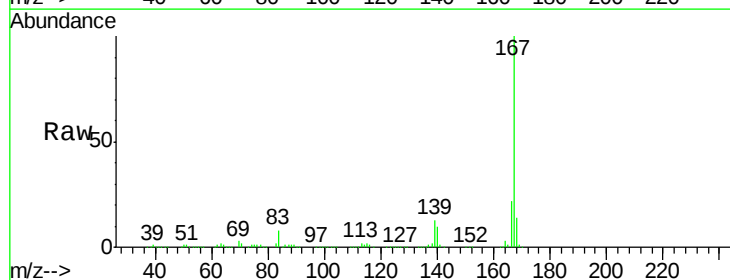


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

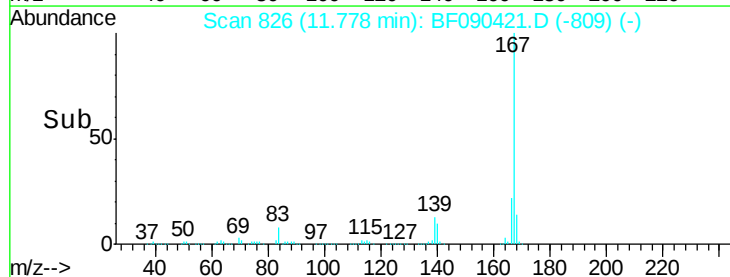
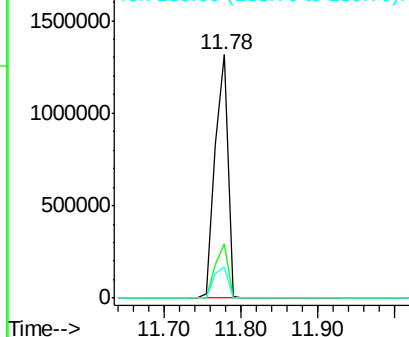


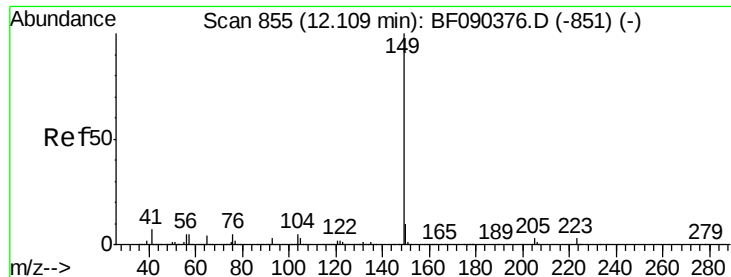
#72
 Carbazole
 Concen: 39.49 ng
 RT: 11.78 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:167 Resp: 1503031
 Ion Ratio Lower Upper
 167 100
 166 22.4 19.1 28.7
 139 12.8 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: 43.62 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

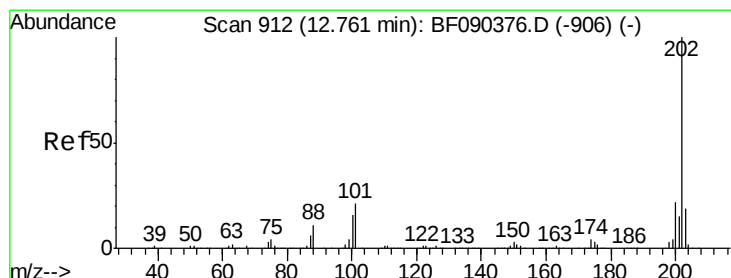
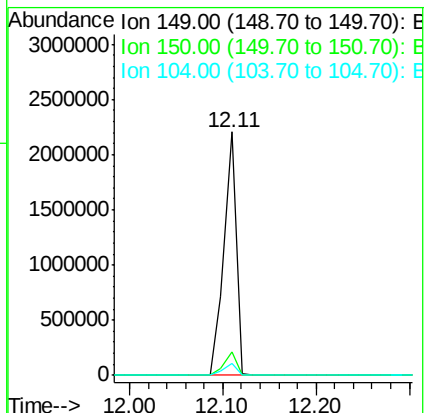
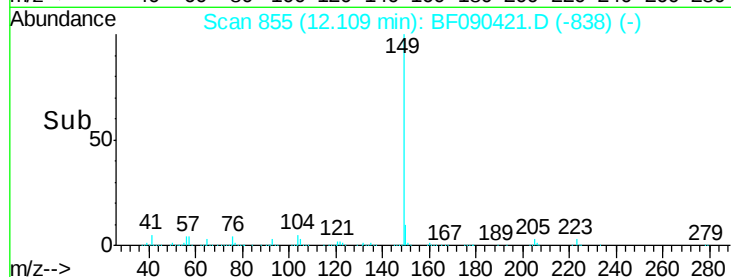
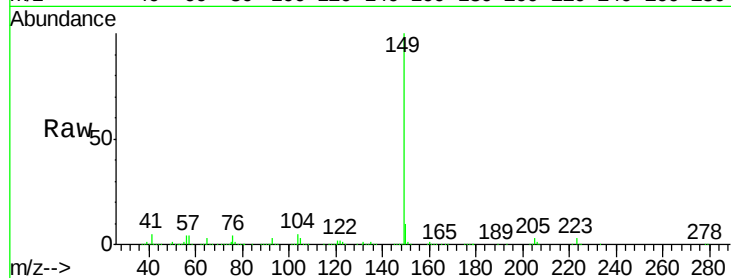
Tgt Ion:149 Resp: 2020188

Ion Ratio Lower Upper

149 100

150 9.8 8.6 12.8

104 4.7 4.7 7.1#



#74

Fluoranthene

Concen: 34.14 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

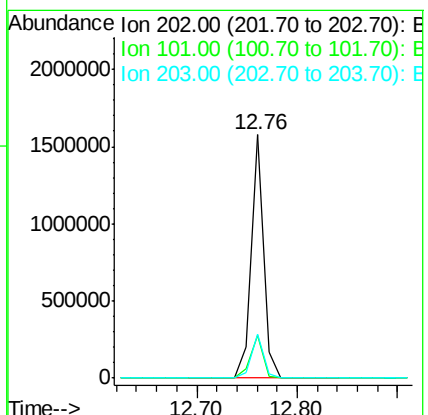
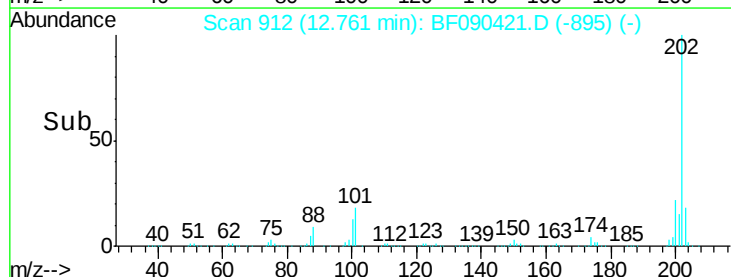
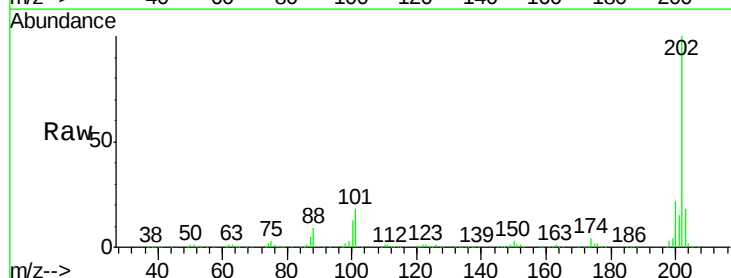
Tgt Ion:202 Resp: 1343161

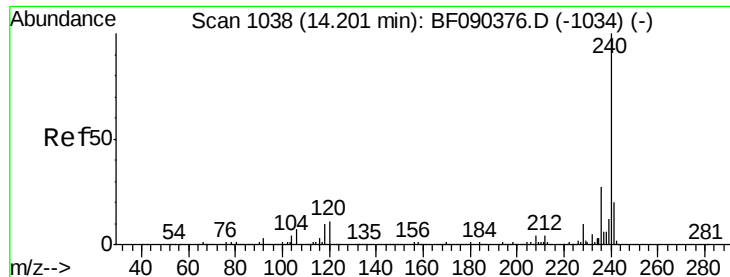
Ion Ratio Lower Upper

202 100

101 17.5 0.0 37.2

203 18.1 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

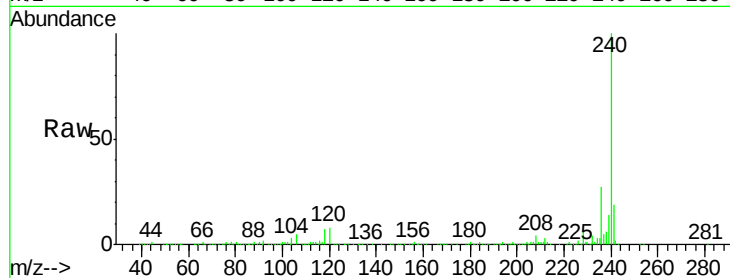
Tgt Ion:240 Resp: 534688

Ion Ratio Lower Upper

240 100

120 7.9 8.6 13.0#

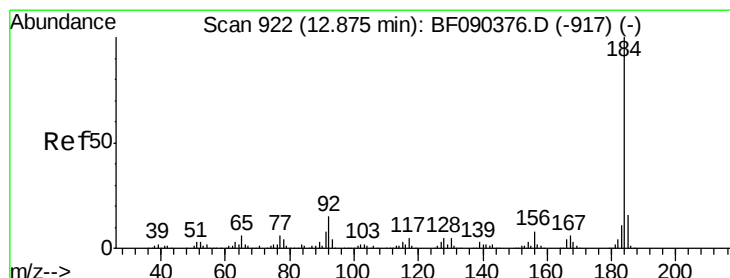
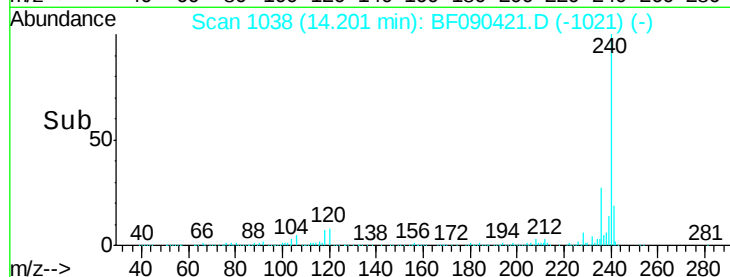
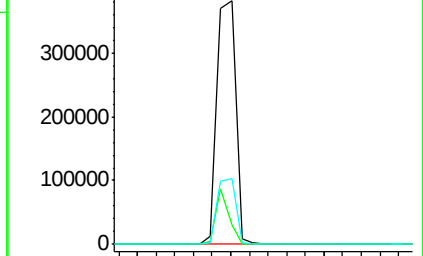
236 26.8 21.6 32.4



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: 40.65 ng

RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

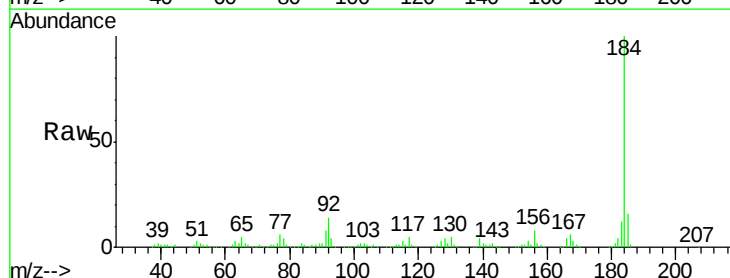
Tgt Ion:184 Resp: 571492

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.8

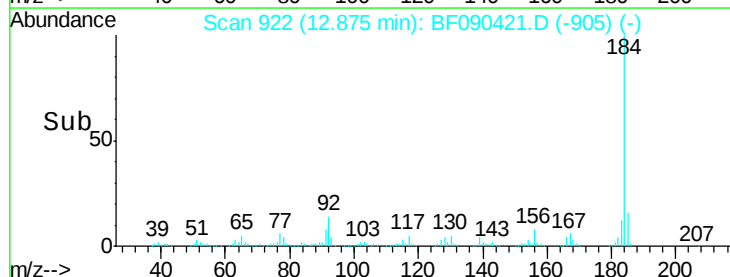
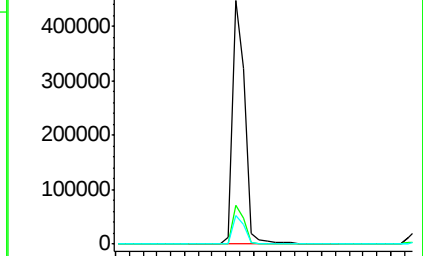
183 11.6 9.6 14.4

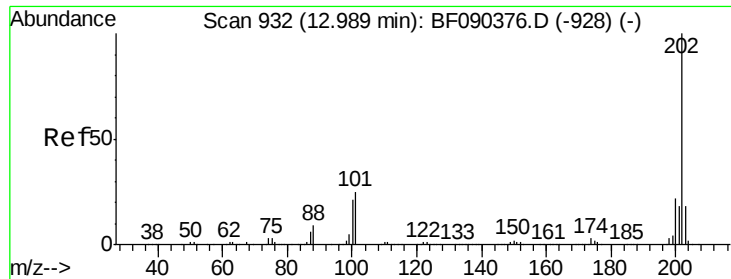


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

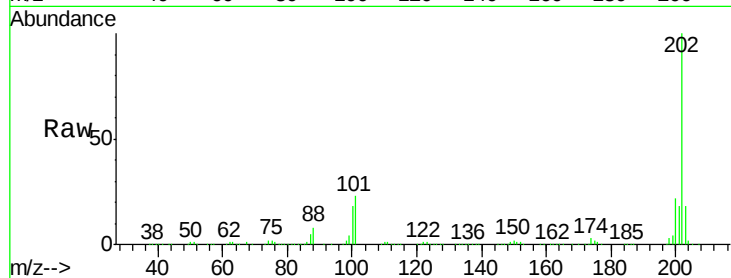




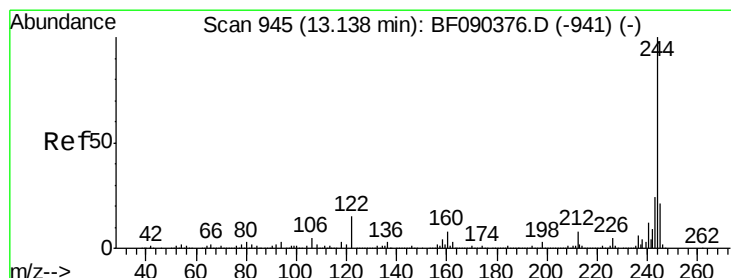
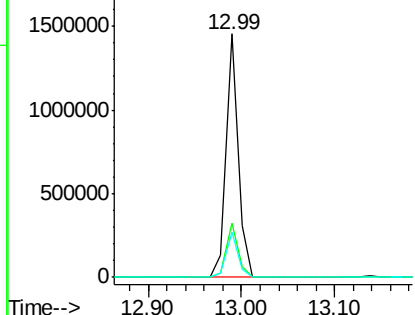
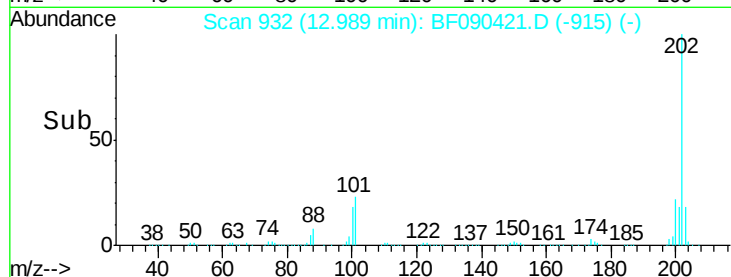
#77
 Pyrene
 Concen: 36.72 ng
 RT: 12.99 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tgt Ion: 202 Resp: 1309244
 Ion Ratio Lower Upper
 202 100
 200 22.3 18.5 27.7
 203 18.4 15.0 22.6

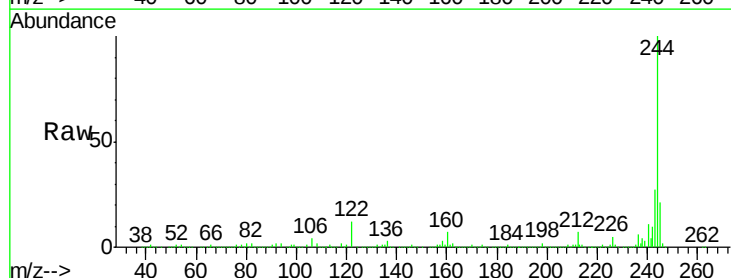


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

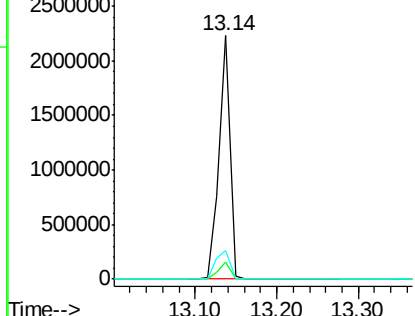
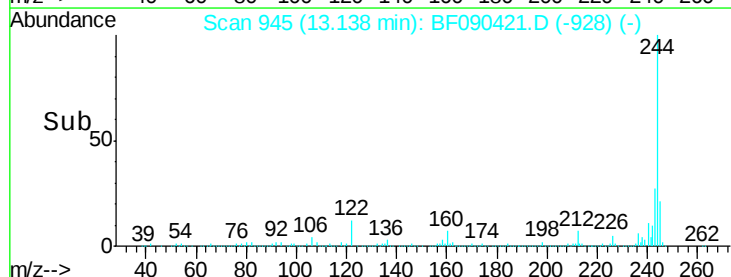


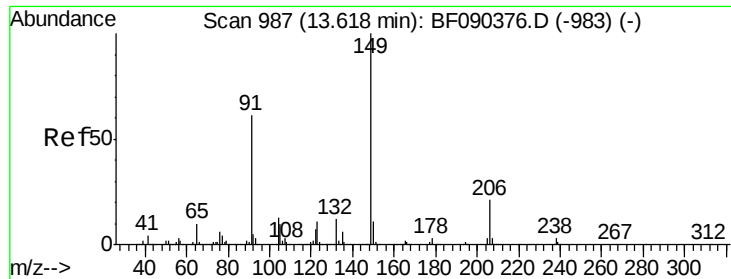
#78
 Terphenyl-d14
 Concen: 87.80 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion: 244 Resp: 2088144
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.8 10.2
 122 11.7 13.3 19.9#



Abundance Ion 244.00 (243.70 to 244.70): E
 3000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

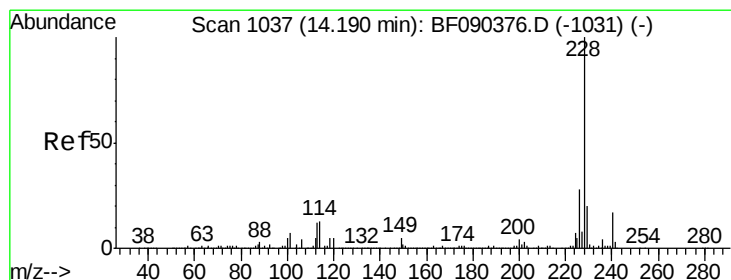
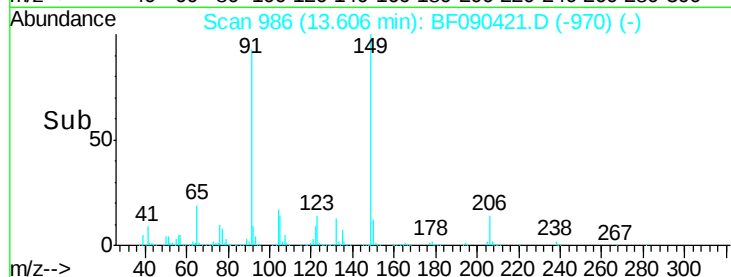
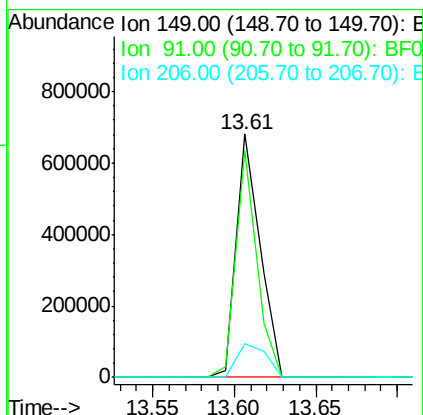
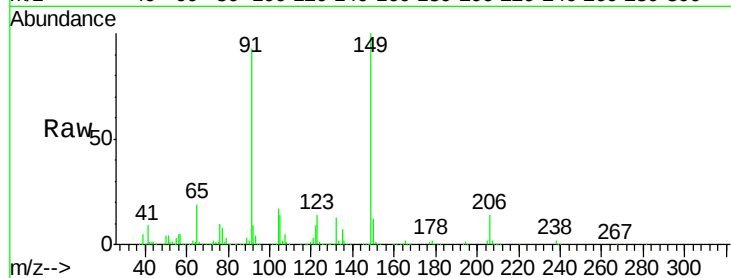




#79
Butylbenzylphthalate
Concen: 37.38 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

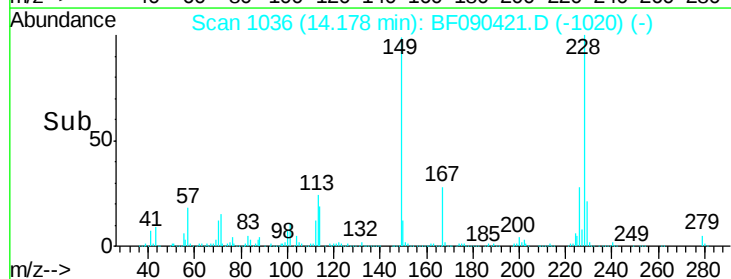
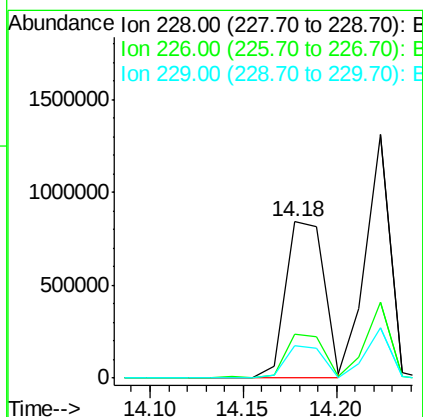
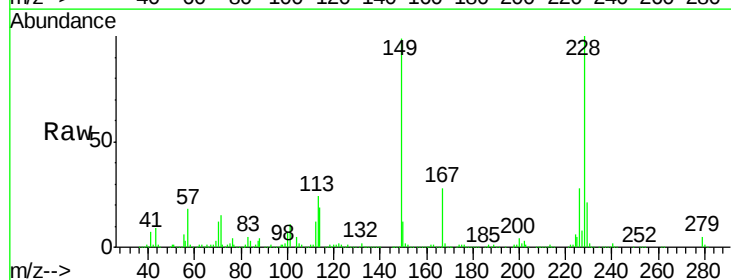
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

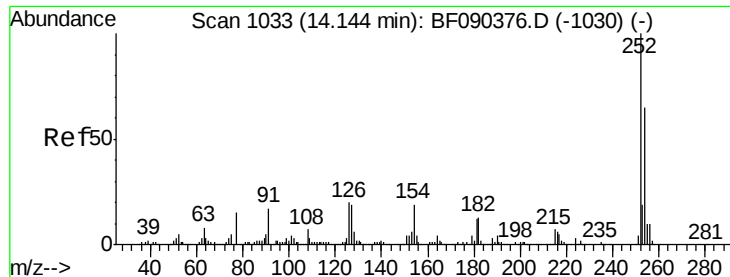
Tgt Ion:149 Resp: 683764
Ion Ratio Lower Upper
149 100
91 93.2 51.8 77.8#
206 13.8 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 40.03 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion:228 Resp: 1200913
Ion Ratio Lower Upper
228 100
226 27.9 23.6 35.4
229 20.7 16.6 25.0

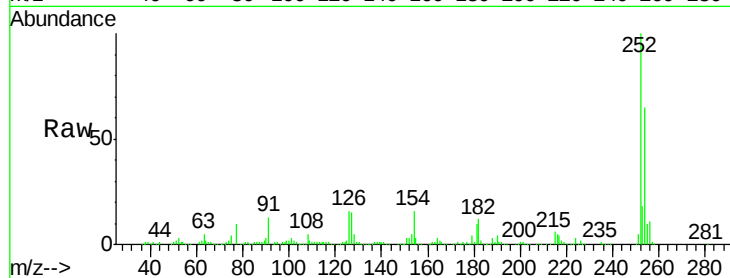




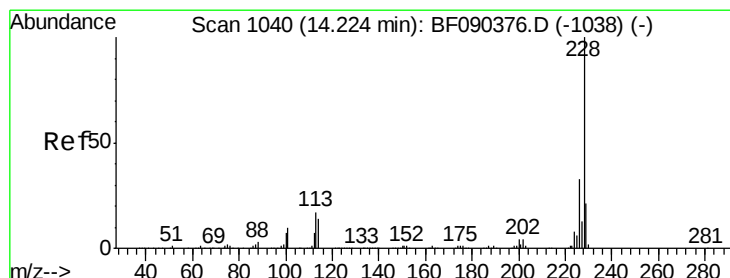
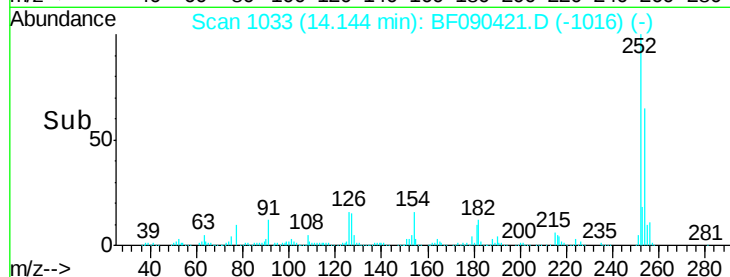
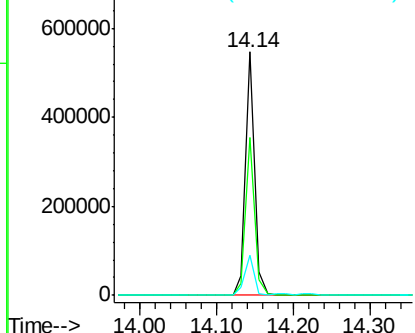
#81
 3,3'-Dichlorobenzidine
 Concen: 41.39 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:252 Resp: 450152
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.1 78.1
 126 16.3 4.2 6.4#

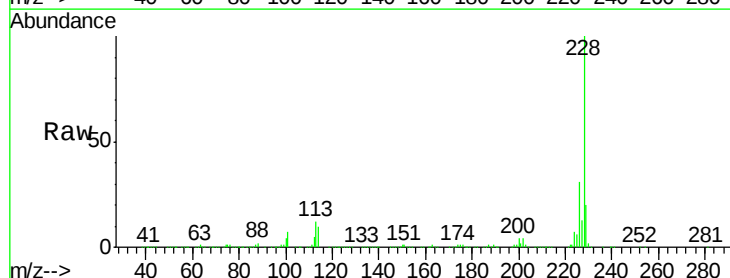


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

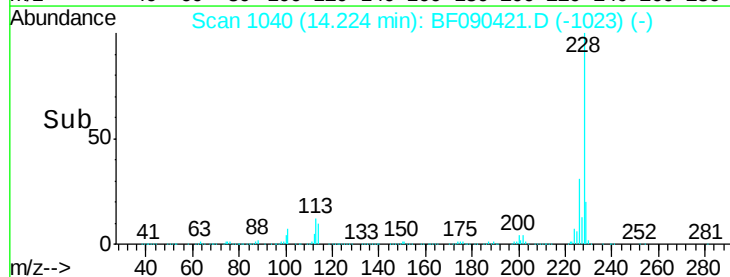
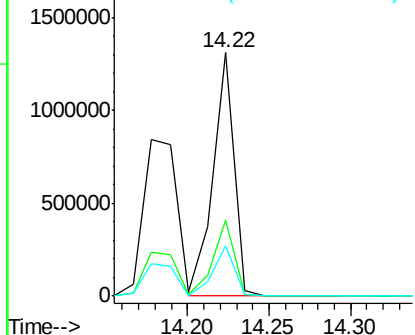


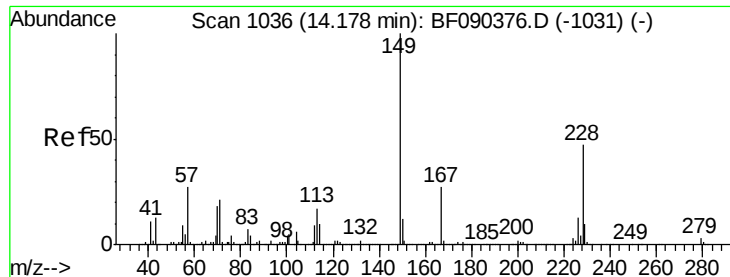
#82
 Chrysene
 Concen: 42.83 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:228 Resp: 1182604
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.8 38.6
 229 20.5 16.9 25.3



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

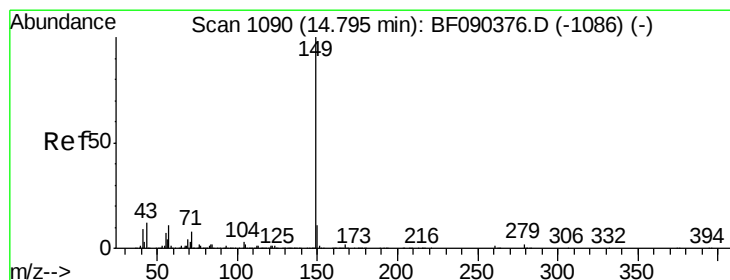
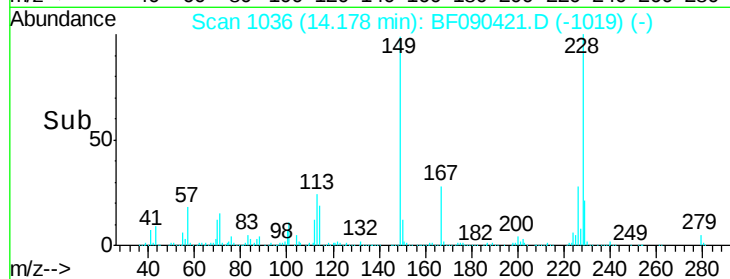
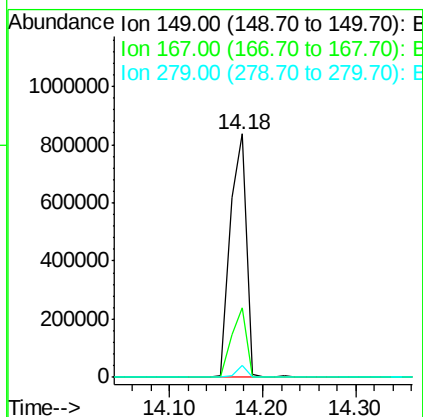
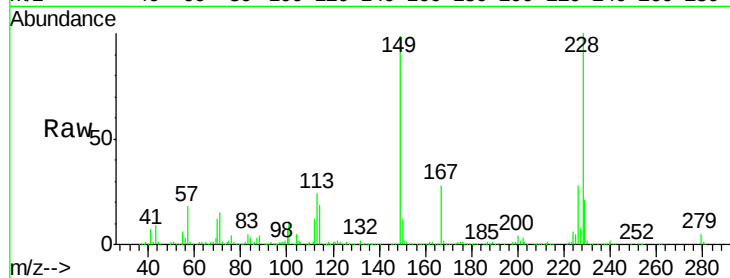




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.22 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

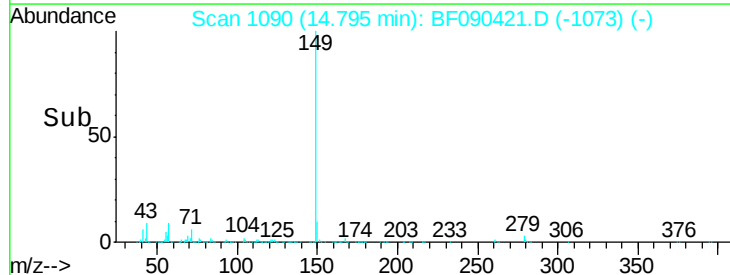
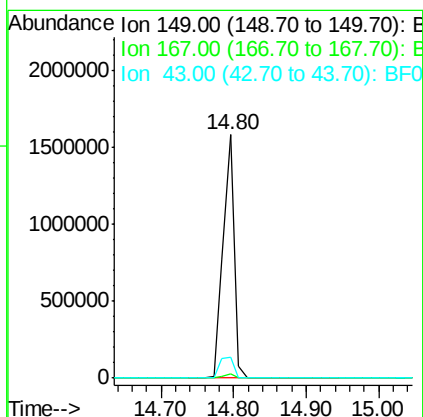
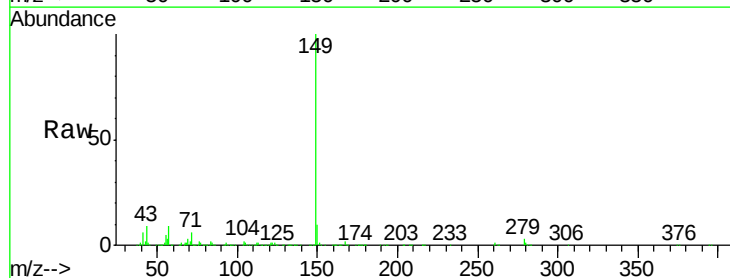
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

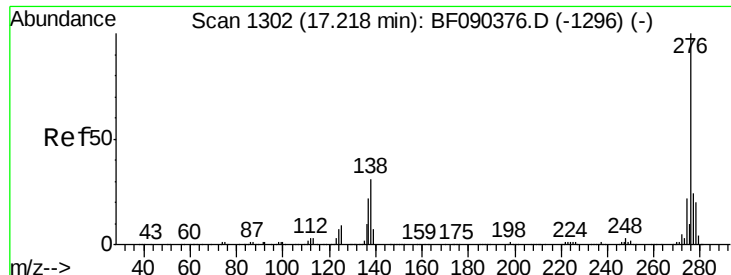
Tgt Ion:149 Resp: 1019913
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.5 32.3
 279 4.7 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 43.68 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:149 Resp: 1683984
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.2 11.8 17.8#

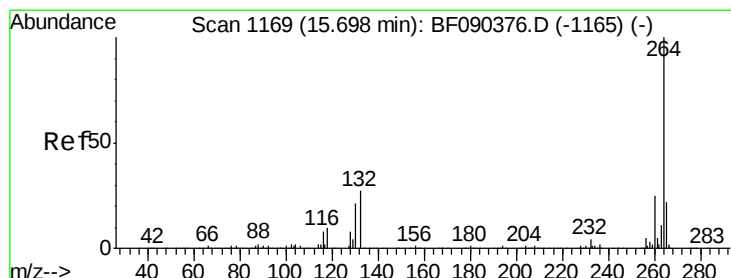
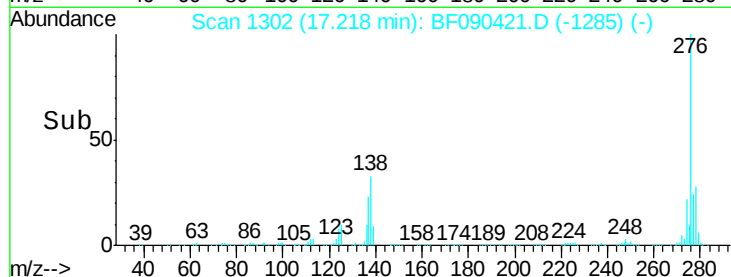
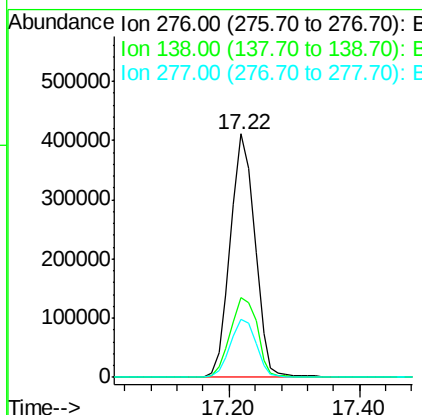
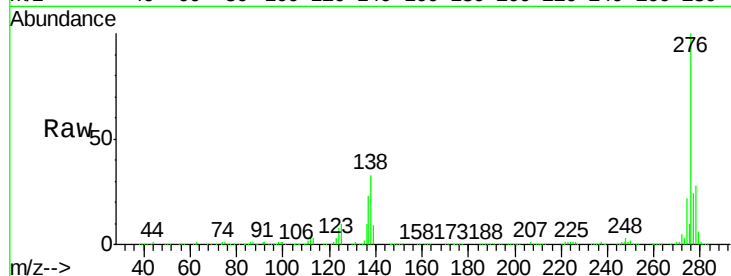




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.87 ng
 RT: 17.22 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

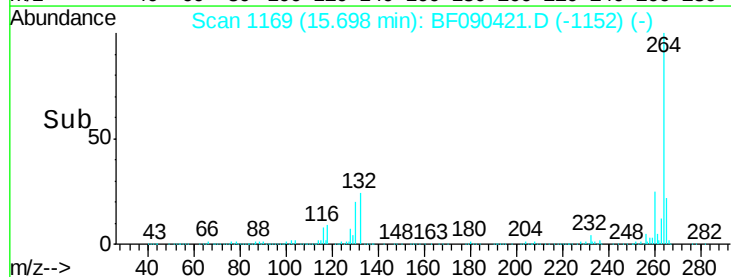
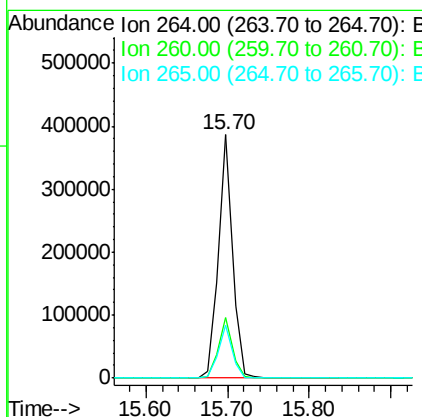
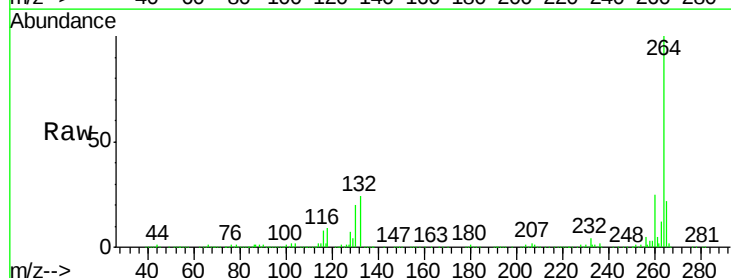
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

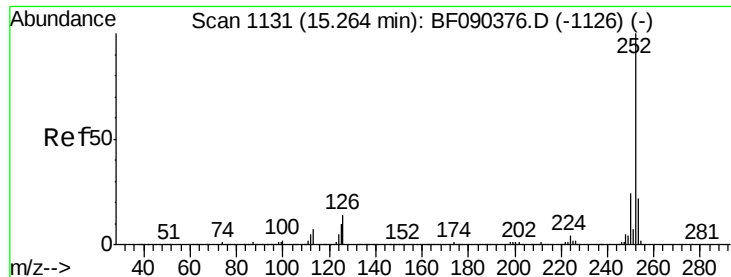
Tgt Ion: 276 Resp: 1080173
 Ion Ratio Lower Upper
 276 100
 138 35.8 23.8 35.8#
 277 25.1 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion: 264 Resp: 465589
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 21.9 17.4 26.0

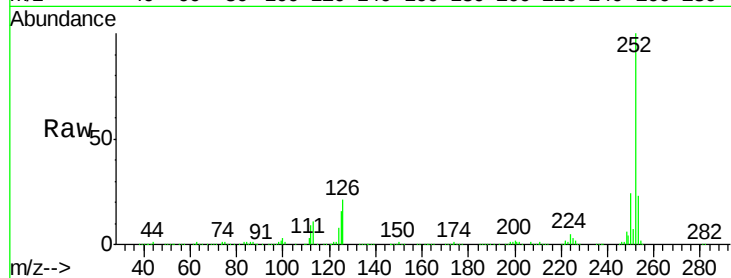




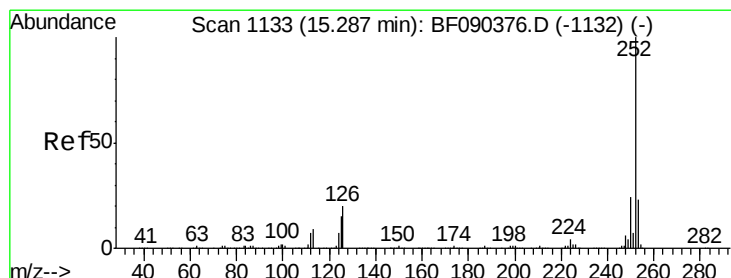
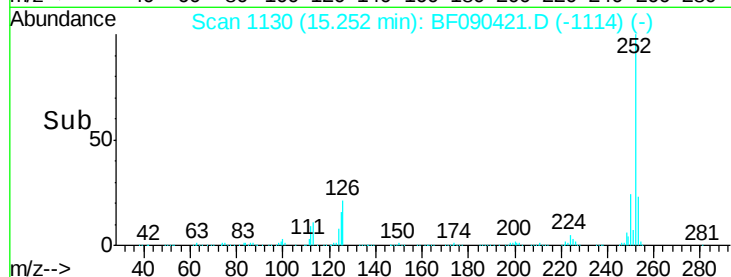
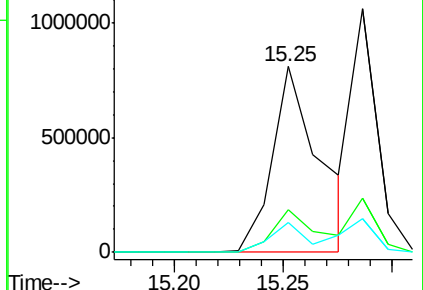
#87
Benzo(b)fluoranthene
Concen: 41.30 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 1224739
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 15.8 7.0 10.4#

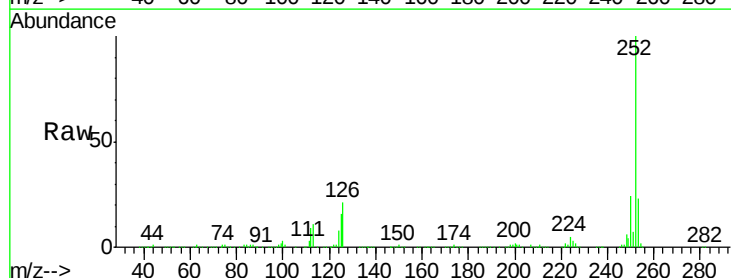


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

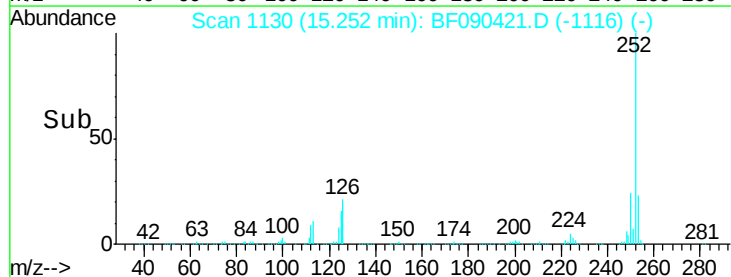
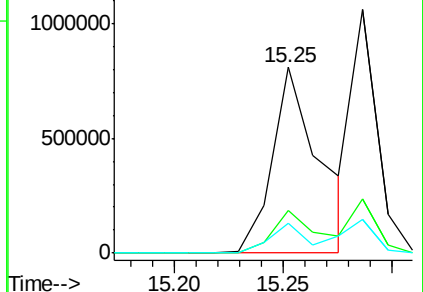


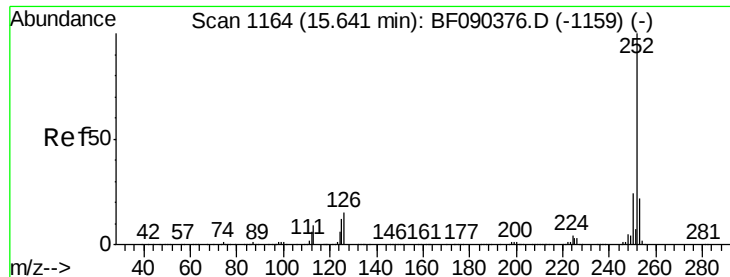
#88
Benzo(k)fluoranthene
Concen: 43.96 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion:252 Resp: 1224739
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 15.8 11.7 17.5



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

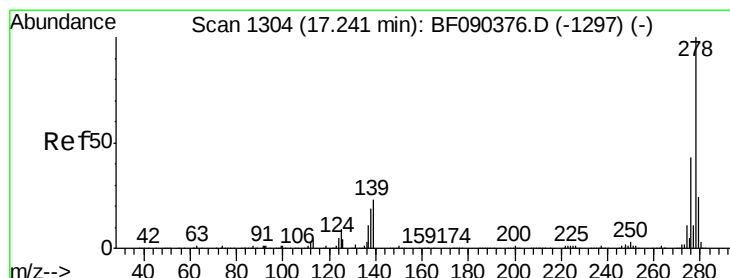
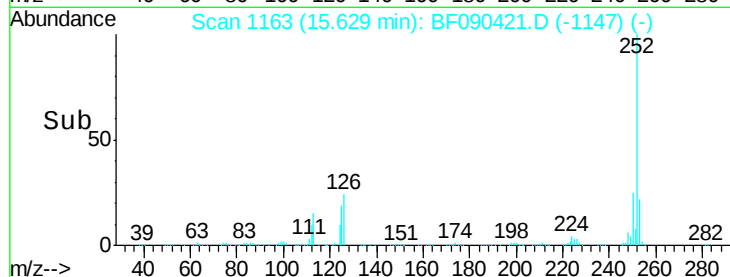
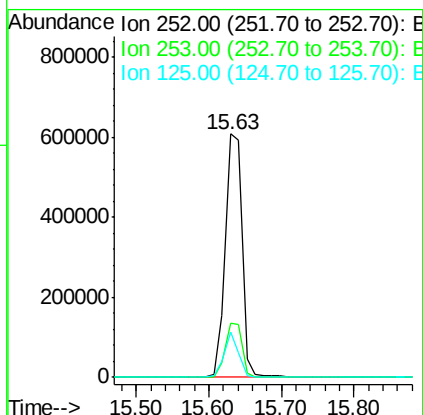
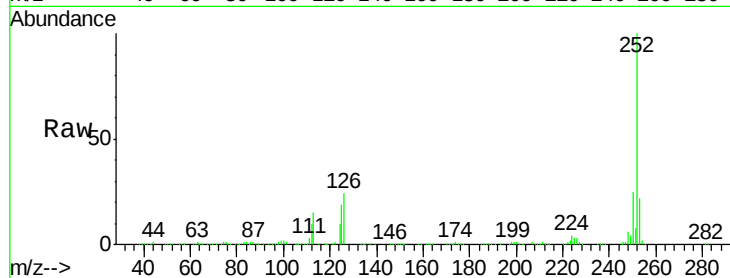




#89
Benzo(a)pyrene
Concen: 38.63 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

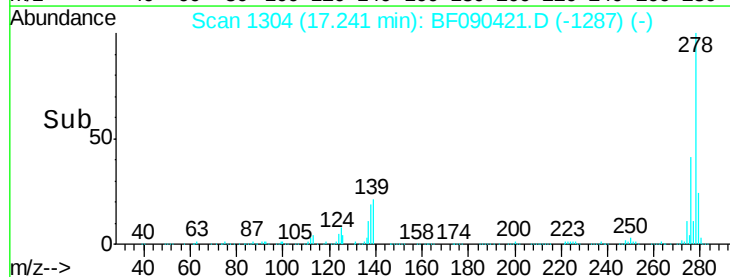
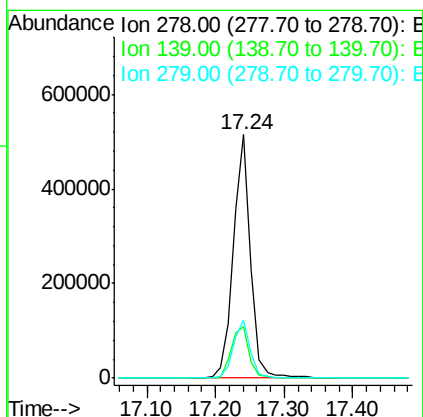
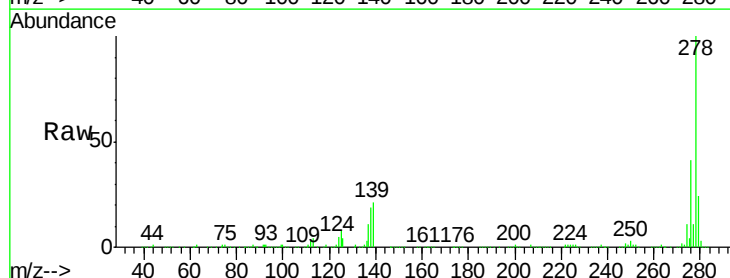
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

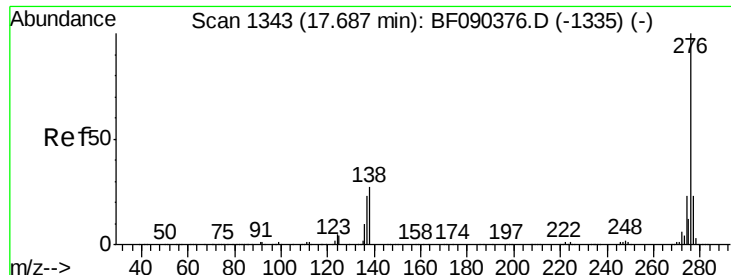
Tgt Ion: 252 Resp: 987470
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 18.8 9.8 14.8#



#90
Dibenzo(a,h)anthracene
Concen: 41.66 ng
RT: 17.24 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion: 278 Resp: 906022
Ion Ratio Lower Upper
278 100
139 21.2 12.8 19.2#
279 23.9 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 40.47 ng

RT: 17.69 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

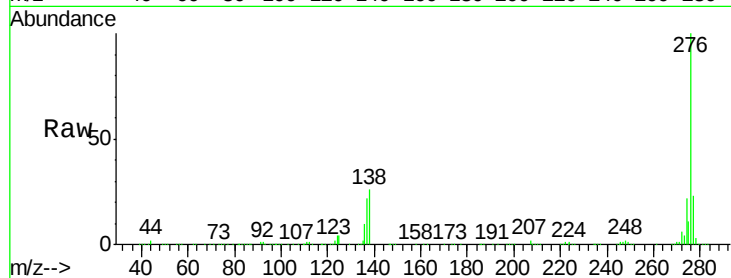
Tgt Ion: 276 Resp: 844679

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 25.6 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

