

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090377.D
 Acq On : 5 Oct 2016 13:20
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Oct 05 13:45:25 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 13:33:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	299314	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1245317	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	640439	20.00	ng	0.01
63) Phenanthrene-d10	11.55	188	996364	20.00	ng	0.00
75) Chrysene-d12	14.20	240	806195	20.00	ng	0.00
86) Perylene-d12	15.71	264	506092	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1773978	93.48	ng	0.00
7) Phenol-d6	6.63	99	2401527	101.24	ng	0.01
23) Nitrobenzene-d5	7.57	82	2344881	109.76	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	522075	93.86	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3179718	80.95	ng	0.00
78) Terphenyl-d14	13.14	244	3180077	91.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	468201	50.55	ng	# 94
3) Pyridine	3.49	79	1337531	54.47	ng	87
4) n-Nitrosodimethylamine	3.45	42	558389	62.78	ng	# 64
6) Aniline	6.67	93	1715842	52.64	ng	98
8) 2-Chlorophenol	6.79	128	1102895	51.72	ng	95
9) Benzaldehyde	6.55	77	649261	58.97	ng	98
10) Phenol	6.65	94	1451360	50.31	ng	99
11) bis(2-Chloroethyl)ether	6.74	93	986530	48.15	ng	88
12) 1,3-Dichlorobenzene	6.94	146	998214	45.07	ng	# 88
13) 1,4-Dichlorobenzene	7.02	146	1045838	46.50	ng	99
14) 1,2-Dichlorobenzene	7.18	146	1078405	50.44	ng	97
15) Benzyl Alcohol	7.15	79	1021065	61.06	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1787239	57.07	ng	93
17) 2-Methylphenol	7.25	107	896573	54.28	ng	98
18) Hexachloroethane	7.53	117	438254	53.86	ng	97
19) n-Nitroso-di-n-propylamine	7.42	70	875841	57.82	ng	# 85
20) 3+4-Methylphenols	7.41	107	1008965	48.05	ng	93
22) Acetophenone	7.42	105	1511653	52.43	ng	# 89
24) Nitrobenzene	7.59	77	1381379	60.56	ng	98
25) Isophorone	7.83	82	2204631	54.24	ng	98
26) 2-Nitrophenol	7.90	139	535896	60.88	ng	# 66
27) 2,4-Dimethylphenol	7.95	122	1068488	53.81	ng	99
28) bis(2-Chloroethoxy)methane	8.04	93	1251816	49.60	ng	# 97
29) 2,4-Dichlorophenol	8.15	162	823431	50.65	ng	97
30) 1,2,4-Trichlorobenzene	8.23	180	786371	43.19	ng	99
31) Naphthalene	8.31	128	2747408	46.16	ng	99
32) Benzoic acid	8.09	122	822425	70.43	ng	93
33) 4-Chloroaniline	8.36	127	1122443	47.21	ng	99
34) Hexachlorobutadiene	8.44	225	489126	45.64	ng	99
35) Caprolactam	8.75	113	241405	56.78	ng	98
36) 4-Chloro-3-methylphenol	8.84	107	971173	55.63	ng	92
37) 2-Methylnaphthalene	9.01	142	1742053	46.64	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	870069	48.13	ng	99
40) Hexachlorocyclopentadiene	9.17	237	504538	47.72	ng	99

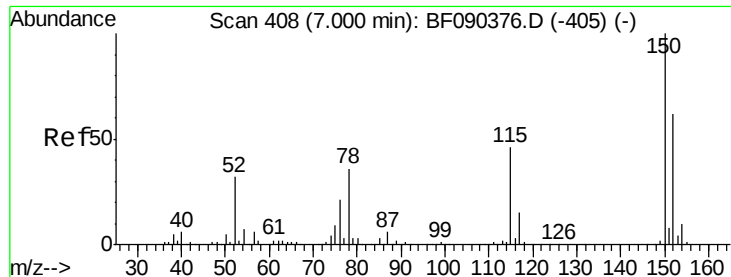
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	538286	47.33	nq	97
43) 2,4,5-Trichlorophenol	9.33	196	544661	47.60	nq	# 89
45) 1,1'-Biphenyl	9.48	154	2314636	46.68	nq	98
46) 2-Chloronaphthalene	9.50	162	1600997	43.02	nq	98
47) 2-Nitroaniline	9.59	65	687417	67.67	nq	93
48) Acenaphthylene	9.93	152	2787594	49.51	nq	99
49) Dimethylphthalate	9.78	163	1761436	46.46	nq	100
50) 2,6-Dinitrotoluene	9.83	165	394899	47.62	nq	88
51) Acenaphthene	10.10	154	1805428	52.69	nq	99
52) 3-Nitroaniline	10.01	138	446867	47.57	nq	88
53) 2,4-Dinitrophenol	10.11	184	230867	92.08	nq	# 77
54) Dibenzofuran	10.27	168	2289613	50.54	nq	96
55) 4-Nitrophenol	10.17	139	460710	61.59	nq	# 65
56) 2,4-Dinitrotoluene	10.25	165	647118	64.83	nq	# 75
57) Fluorene	10.61	166	1873190	49.43	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	434115	53.80	nq	# 89
59) Diethylphthalate	10.49	149	1959192	50.56	nq	97
60) 4-Chlorophenyl-phenylether	10.60	204	859302	47.82	nq	99
61) 4-Nitroaniline	10.62	138	497377	58.86	nq	95
62) Azobenzene	10.76	77	2270948	56.23	nq	91
64) 4,6-Dinitro-2-methylphenol	10.66	198	320081	84.21	nq	# 42
65) n-Nitrosodiphenylamine	10.71	169	1565967	46.09	nq	98
66) 4-Bromophenyl-phenylether	11.09	248	496995	46.16	nq	92
67) Hexachlorobenzene	11.16	284	548683	43.36	nq	# 88
68) Atrazine	11.24	200	377407	46.40	nq	97
69) Pentachlorophenol	11.35	266	344063	48.50	nq	97
70) Phenanthrene	11.57	178	2271805	42.50	nq	100
71) Anthracene	11.63	178	2568486	48.14	nq	99
72) Carbazole	11.78	167	2156362	43.96	nq	99
73) Di-n-butylphthalate	12.11	149	2655433	45.30	nq	99
74) Fluoranthene	12.77	202	2476379	48.84	nq	91
76) Benzidine	12.89	184	1088243	49.09	nq	98
77) Pyrene	13.00	202	2616950	50.70	nq	99
79) Butylbenzylphthalate	13.62	149	1329171	65.33	nq	90
80) Benzo(a)anthracene	14.19	228	2052555	45.40	nq	100
81) 3,3'-Dichlorobenzidine	14.16	252	842094	54.07	nq	# 97
82) Chrysene	14.24	228	1890055	44.62	nq	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1721238	52.89	nq	# 99
84) Di-n-octyl phthalate	14.80	149	2537933	53.67	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.23	276	1409581	30.96	nq	# 94
87) Benzo(b)fluoranthene	15.26	252	1490836	51.22	nq	# 95
88) Benzo(k)fluoranthene	15.30	252	1583398	56.96	nq	98
89) Benzo(a)pyrene	15.64	252	1341918	50.55	nq	# 95
90) Dibenzo(a,h)anthracene	17.25	278	1181724	45.40	nq	# 93
91) Benzo(g,h,i)perylene	17.70	276	1132542	44.42	nq	97

(#) = 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: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

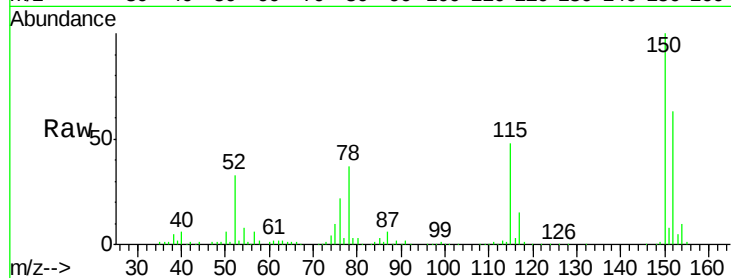
Tot Ion:152 Resp: 299314

Ion Ratio Lower Upper

152 100

150 158.8 124.6 186.8

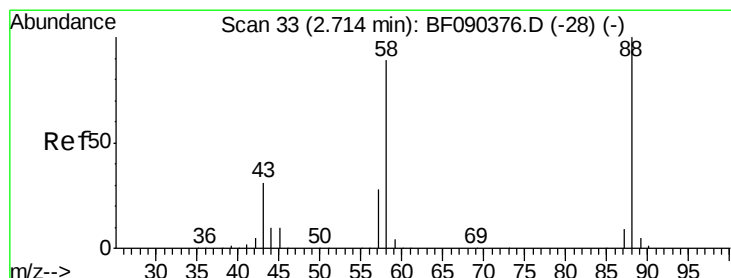
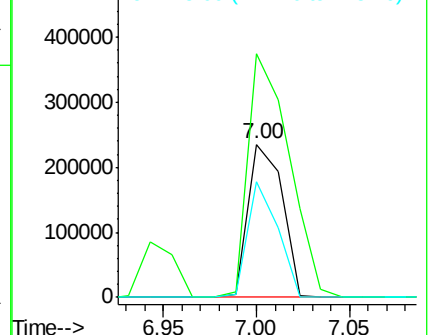
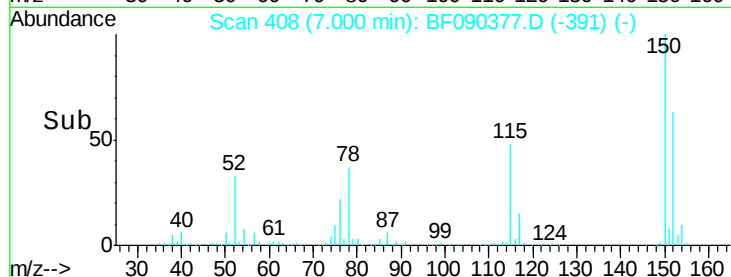
115 75.7 46.2 69.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 50.55 ng

RT: 2.73 min Scan# 34

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

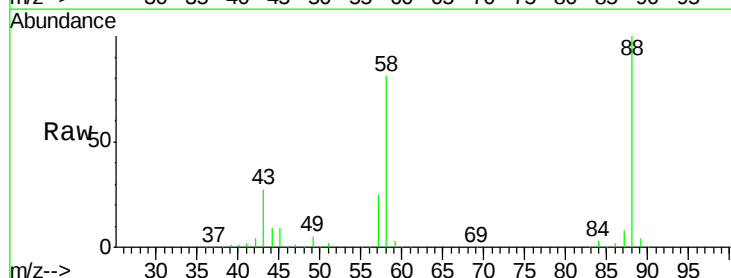
Tgt Ion: 88 Resp: 468201

Ion Ratio Lower Upper

88 100

58 85.6 71.2 106.8

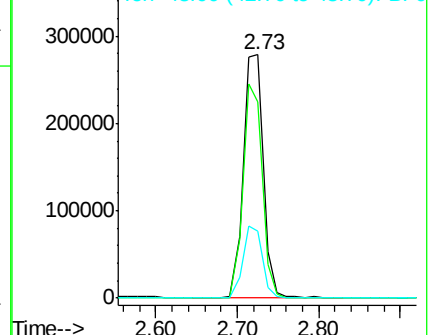
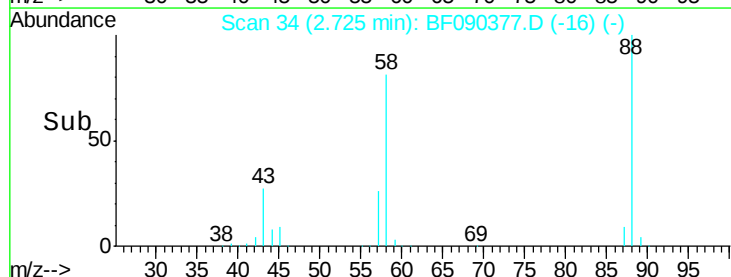
43 29.4 29.8 44.6#

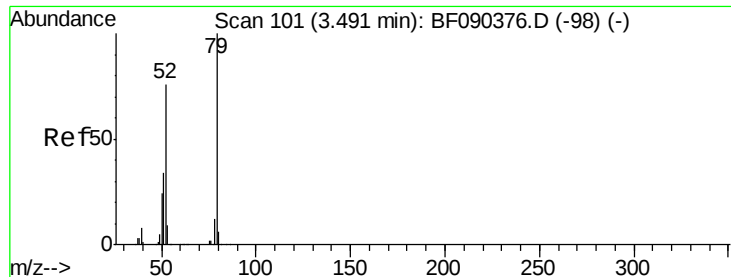


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 54.47 ng

RT: 3.49 min Scan# 101

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

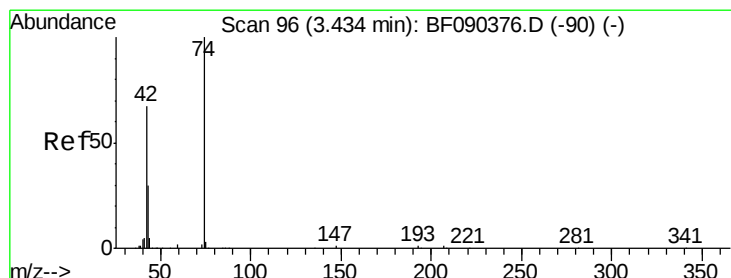
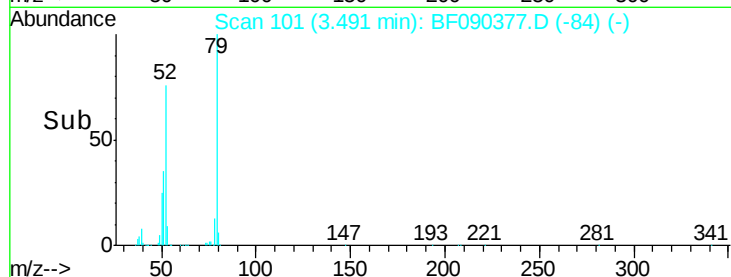
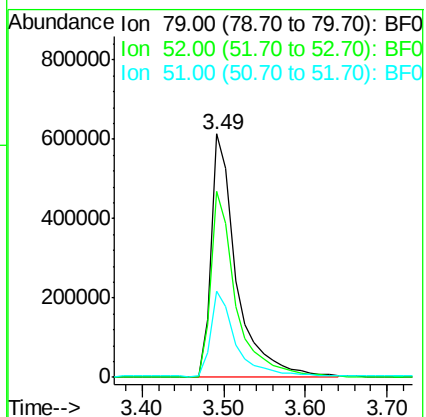
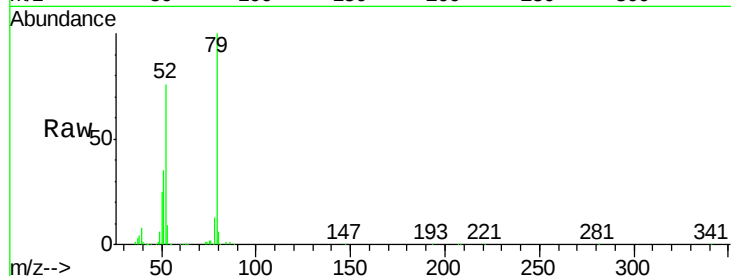
Tot Ion: 79 Resp: 1337531

Ion Ratio Lower Upper

79 100

52 76.2 71.3 106.9

51 35.3 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 62.78 ng

RT: 3.45 min Scan# 97

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

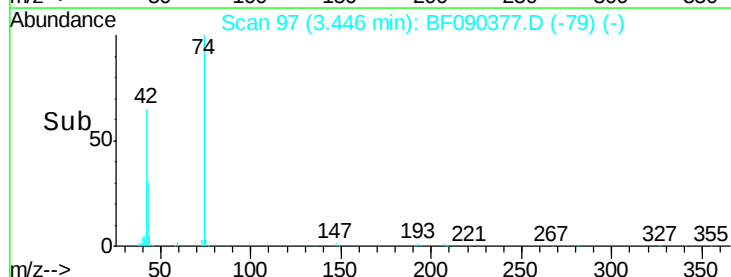
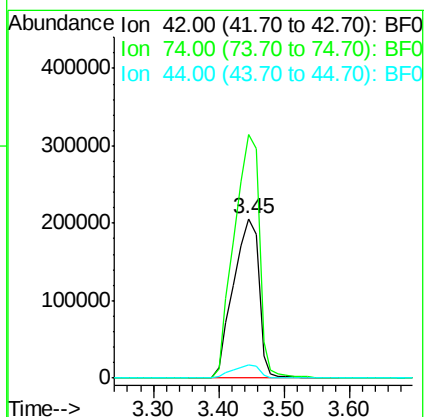
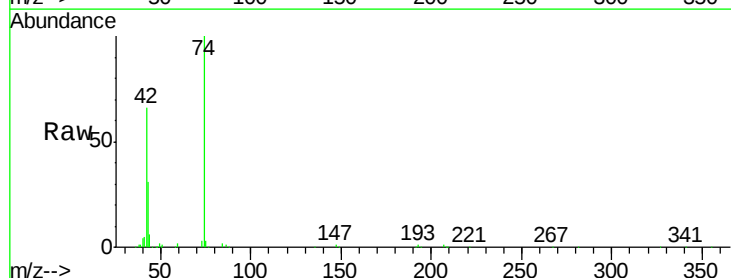
Tgt Ion: 42 Resp: 558389

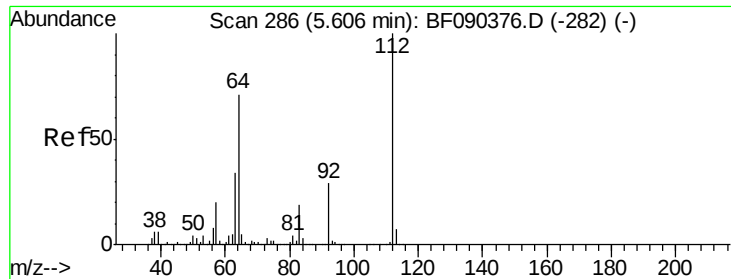
Ion Ratio Lower Upper

42 100

74 152.6 88.9 133.3#

44 8.5 6.5 9.7





#5

2-Fluorophenol

Concen: 93.48 ng

RT: 5.61 min Scan# 286

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

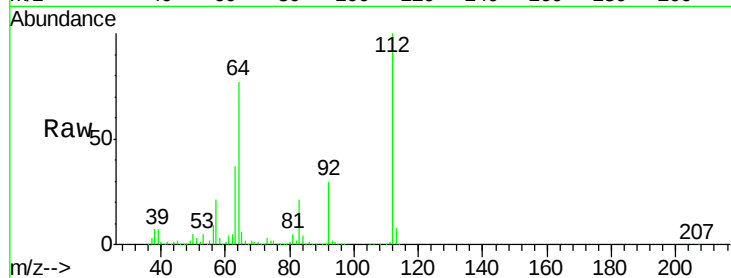
Tot Ion:112 Resp: 1773978

Ion Ratio Lower Upper

112 100

64 76.5 57.9 86.9

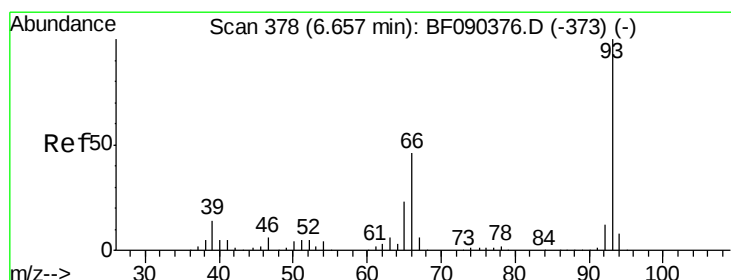
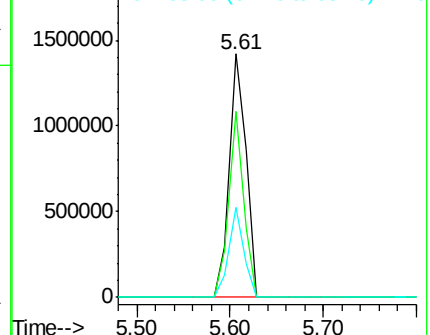
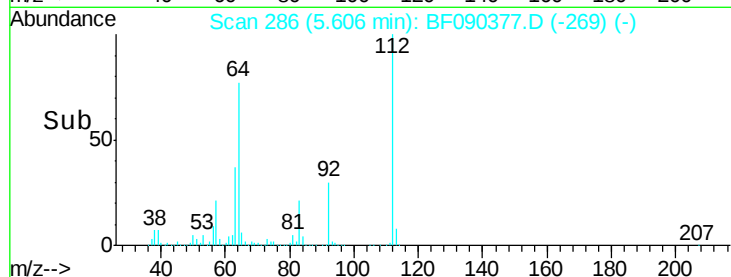
63 37.1 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 52.64 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

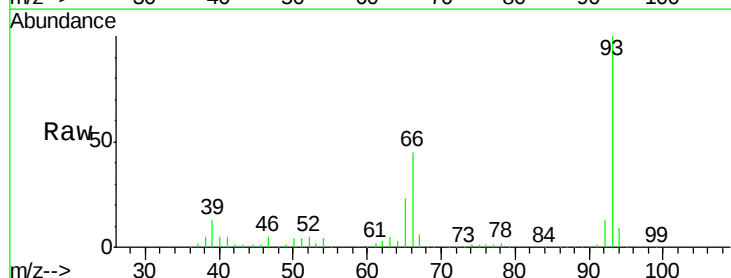
Tgt Ion: 93 Resp: 1715842

Ion Ratio Lower Upper

93 100

66 44.8 34.5 51.7

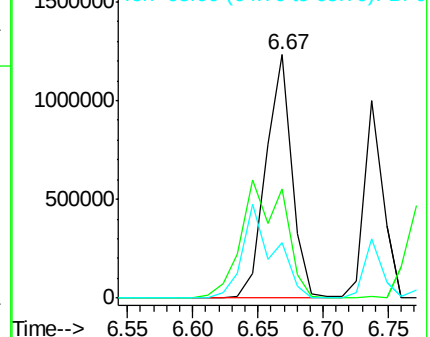
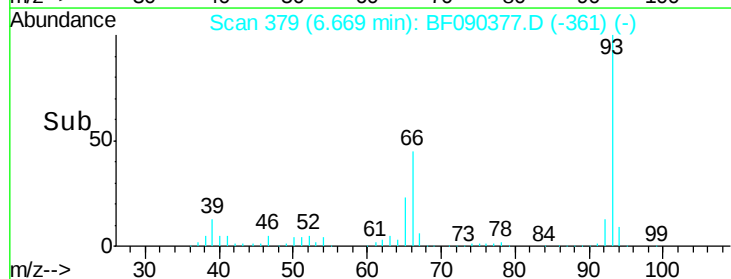
65 22.6 18.2 27.2

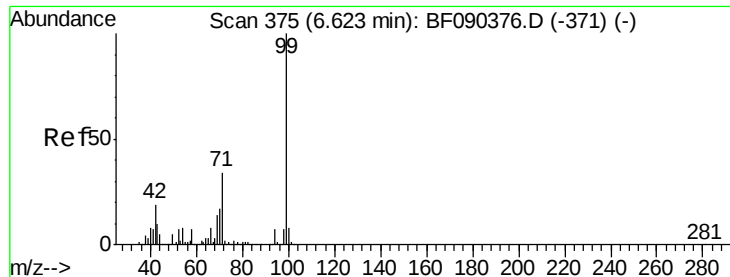


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.24 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

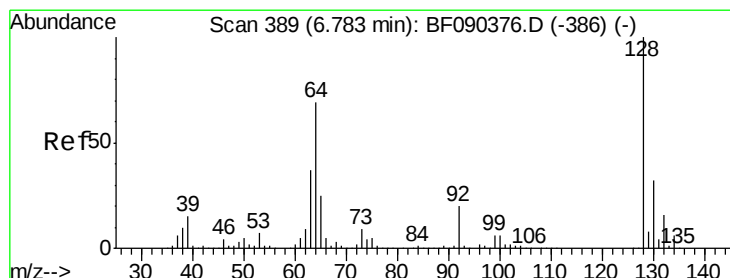
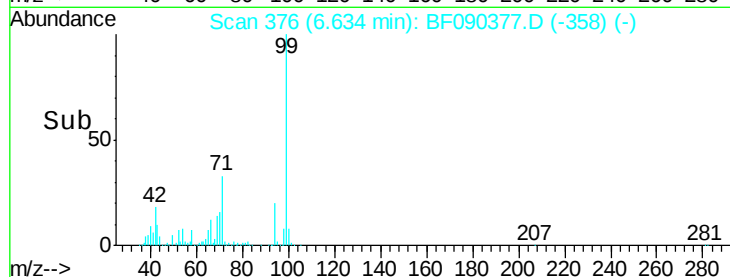
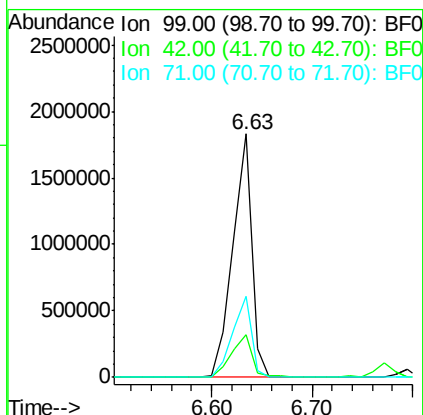
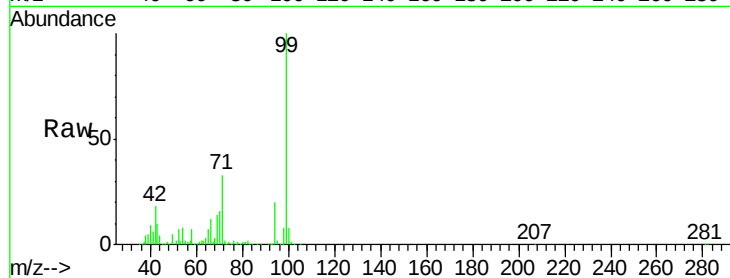
BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 99 Resp: 2401527

Ion	Ratio	Lower	Upper
99	100		
42	17.8	20.0	30.0#
71	33.3	27.9	41.9



#8

2-Chlorophenol

Concen: 51.72 ng

RT: 6.79 min Scan# 390

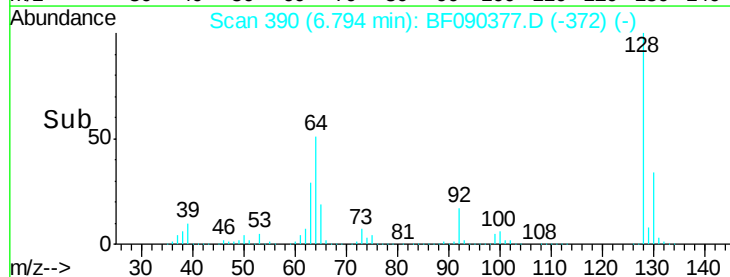
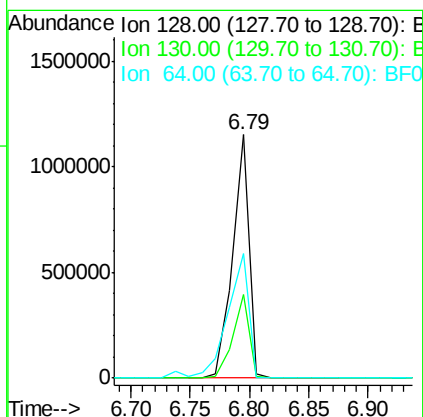
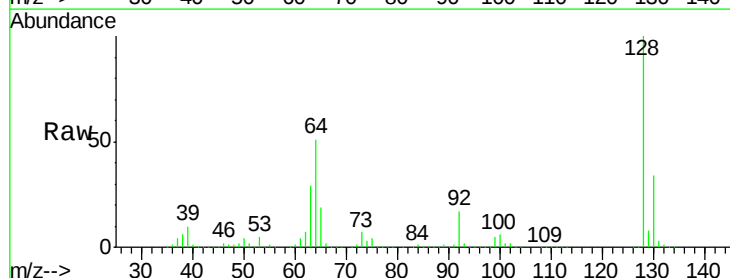
Delta R.T. 0.01 min

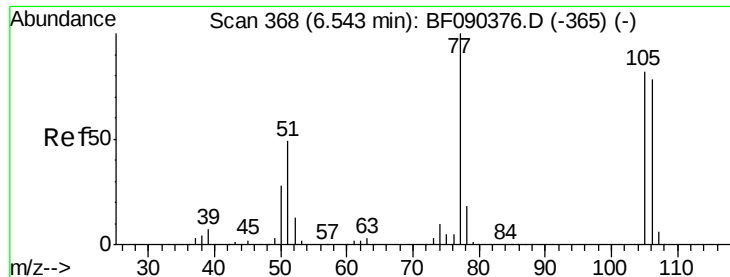
Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Tgt Ion: 128 Resp: 1102895

Ion	Ratio	Lower	Upper
128	100		
130	34.2	13.3	53.3
64	51.1	36.0	76.0





#9

Benzaldehyde

Concen: 58.97 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

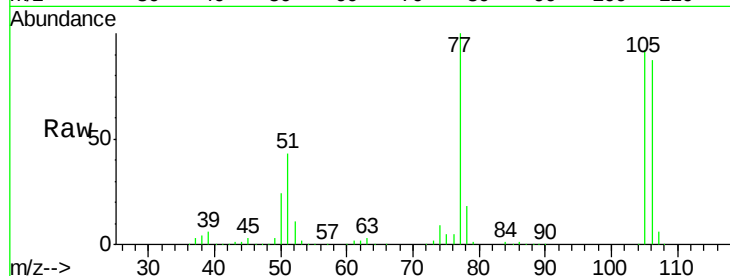
Tot Ion: 77 Resp: 649261

Ion Ratio Lower Upper

77 100

105 92.0 73.1 113.1

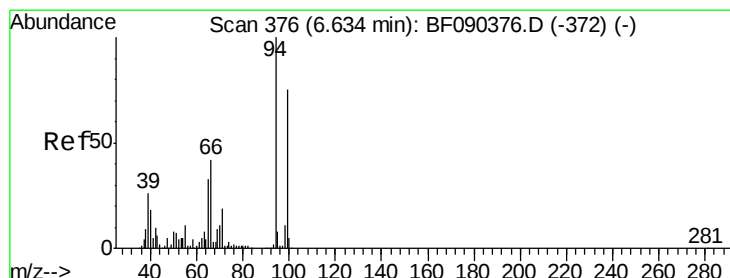
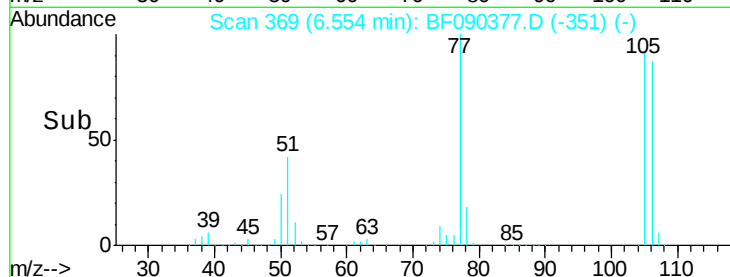
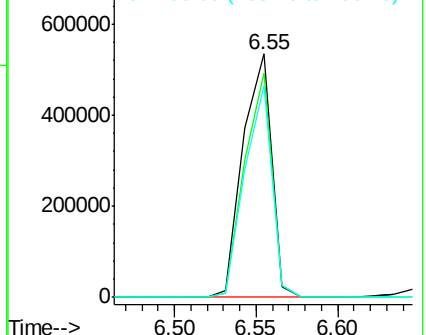
106 87.1 70.2 110.2



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: 50.31 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

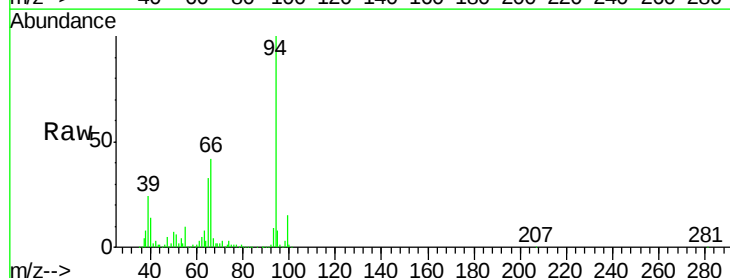
Tgt Ion: 94 Resp: 1451360

Ion Ratio Lower Upper

94 100

65 33.0 13.3 53.3

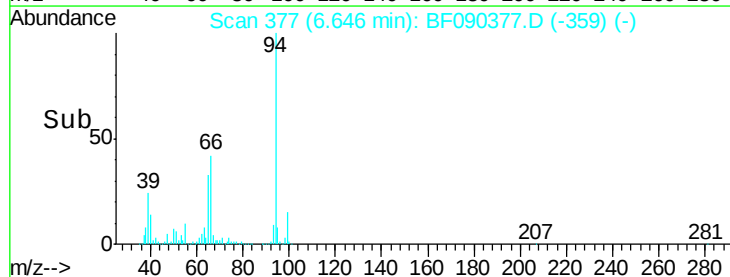
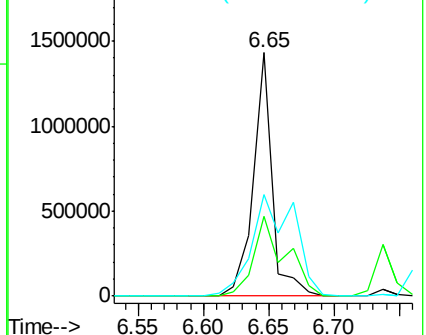
66 41.6 20.4 60.4

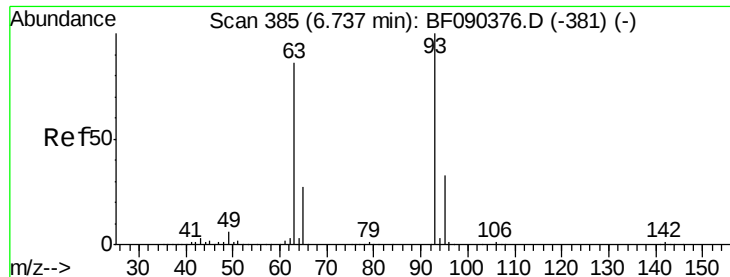


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 48.15 ng

RT: 6.74 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

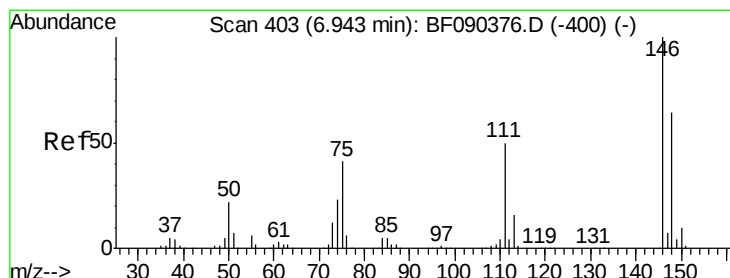
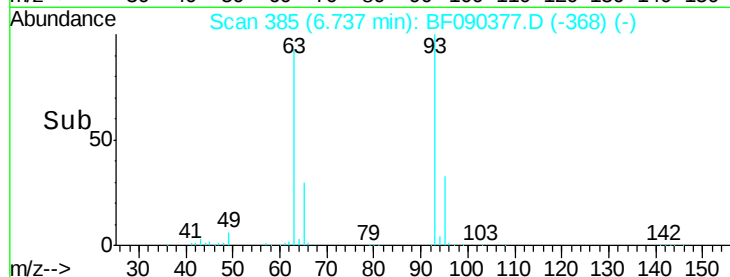
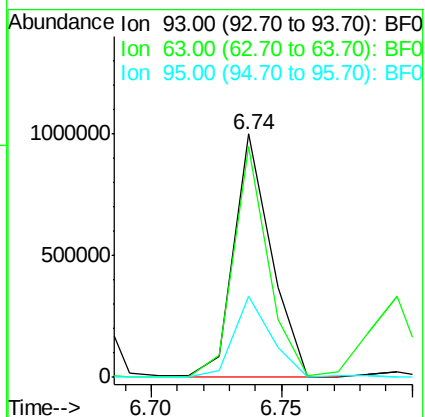
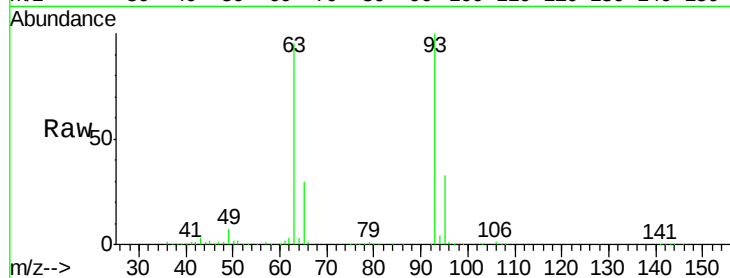
Tot Ion: 93 Resp: 986530

Ion Ratio Lower Upper

93 100

63 94.6 59.7 99.7

95 33.3 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 45.07 ng

RT: 6.94 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

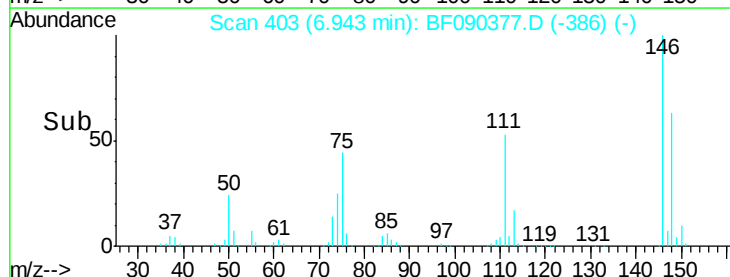
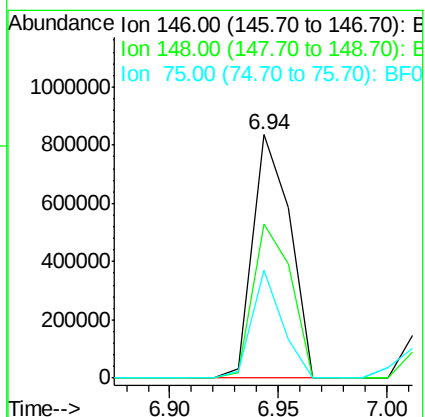
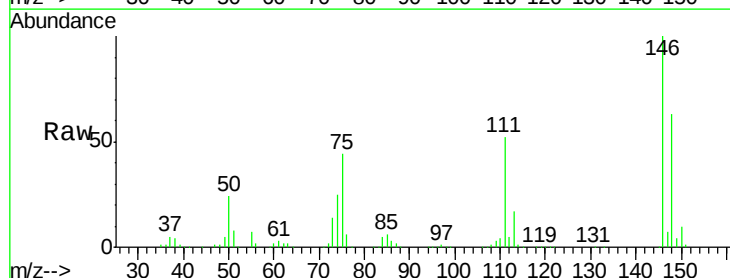
Tgt Ion: 146 Resp: 998214

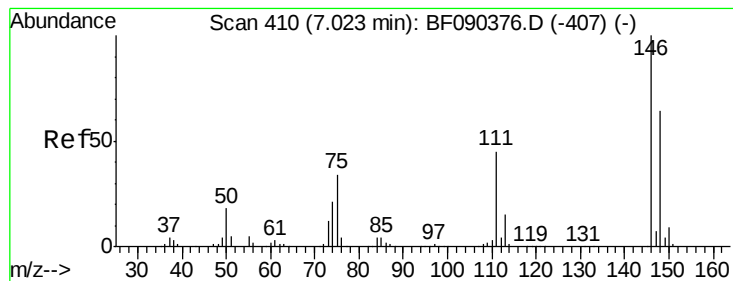
Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.4

75 44.3 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 46.50 ng

RT: 7.02 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

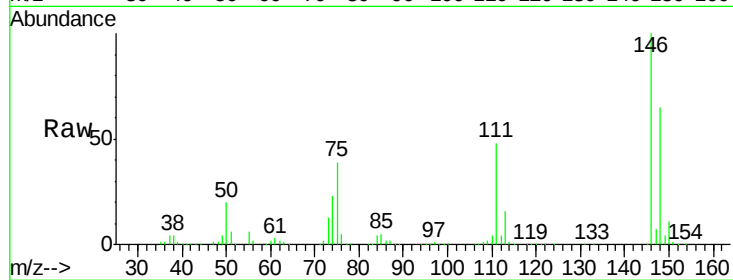
Tot Ion:146 Resp: 1045838

Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

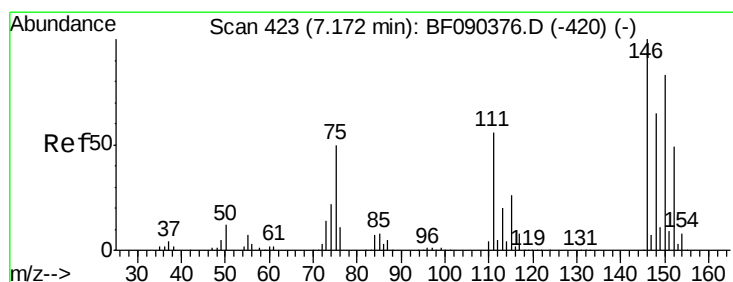
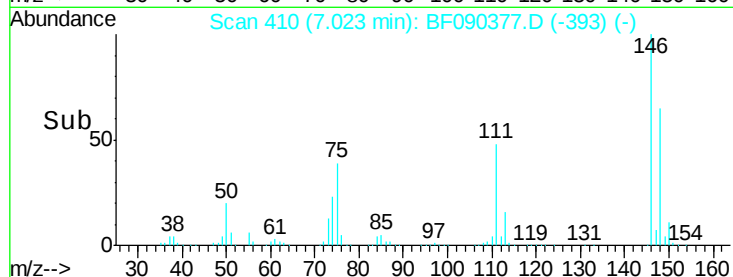
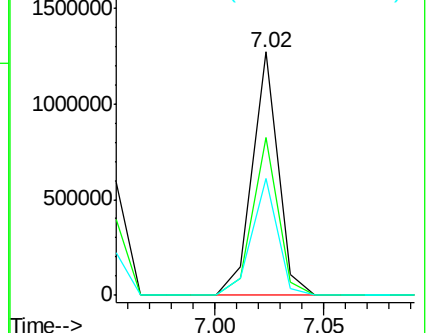
111 48.2 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 50.44 ng

RT: 7.18 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

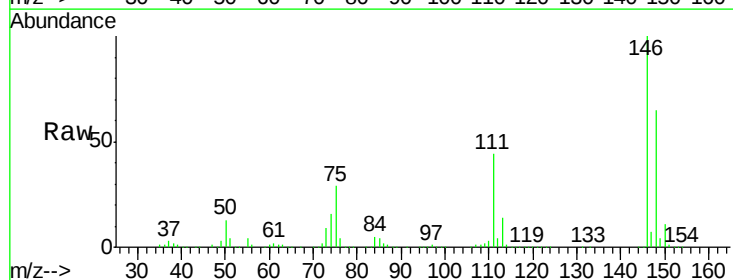
Tgt Ion:146 Resp: 1078405

Ion Ratio Lower Upper

146 100

148 64.9 52.3 78.5

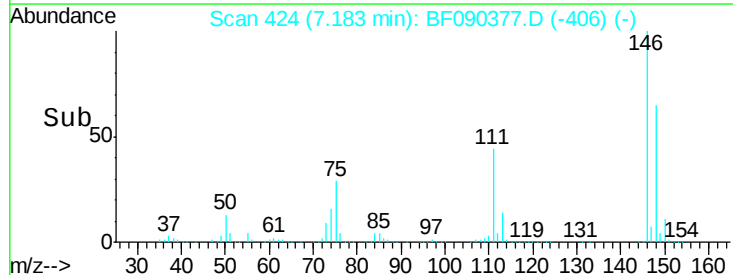
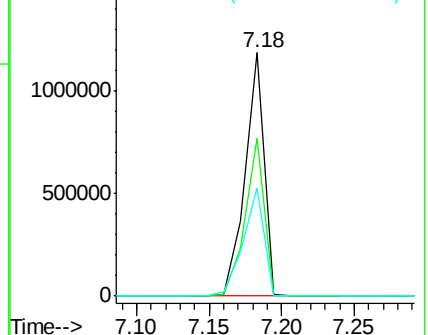
111 44.1 38.2 57.4

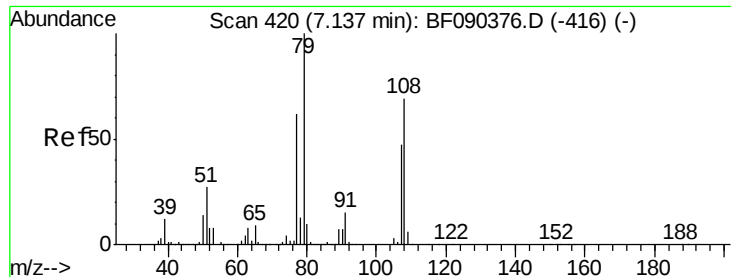


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 61.06 ng

RT: 7.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

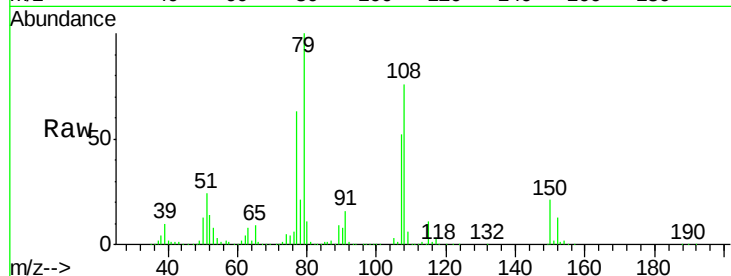
Tot Ion: 79 Resp: 1021065

Ion Ratio Lower Upper

79 100

108 76.1 60.9 91.3

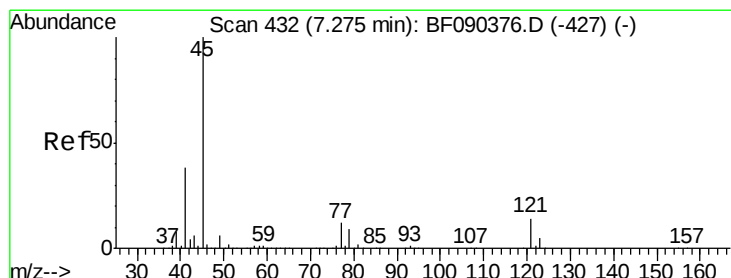
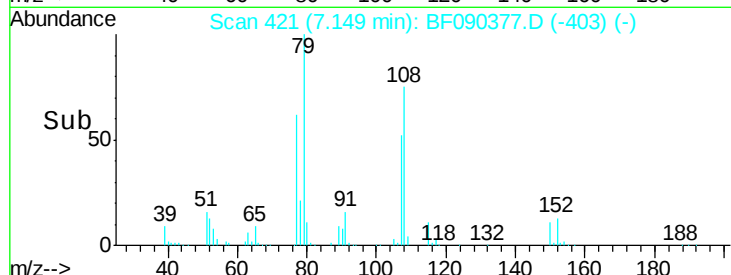
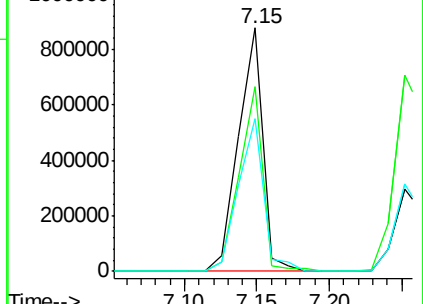
77 62.6 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.07 ng

RT: 7.29 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

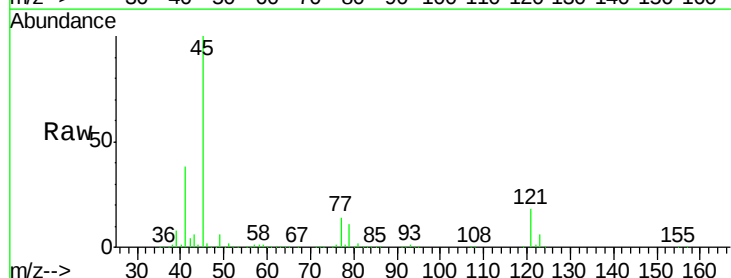
Tgt Ion: 45 Resp: 1787239

Ion Ratio Lower Upper

45 100

77 13.7 0.0 30.8

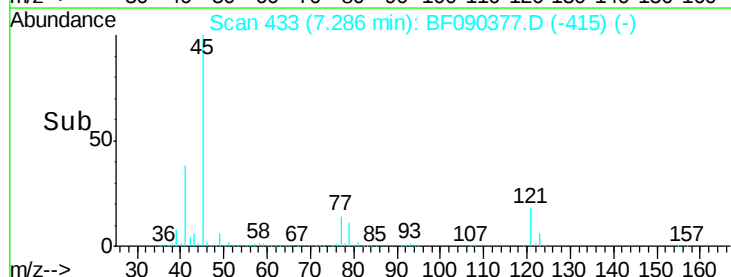
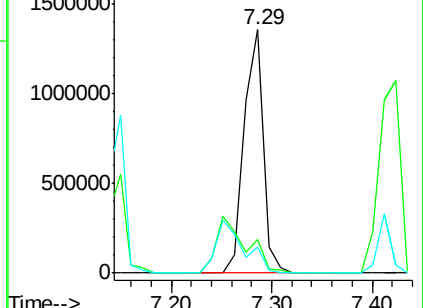
79 10.6 0.0 28.2

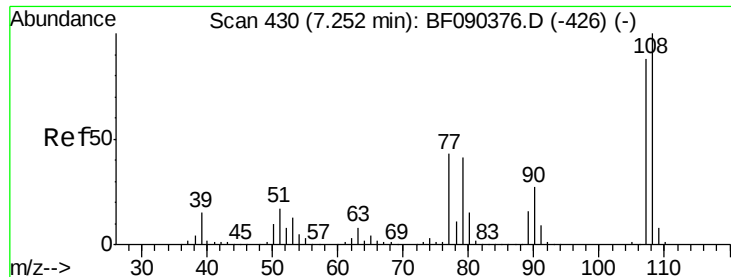


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

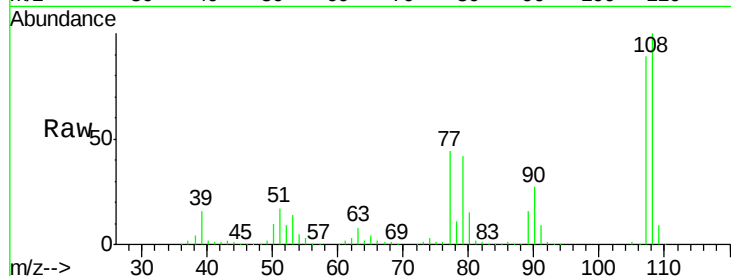




#17
2-Methylphenol
Concen: 54.28 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.9	136.3
77	49.9	38.2	57.4
79	47.6	37.0	55.4



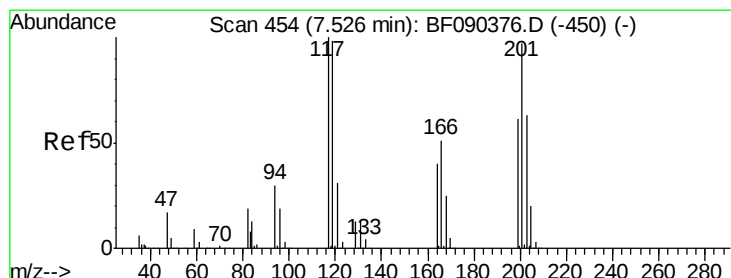
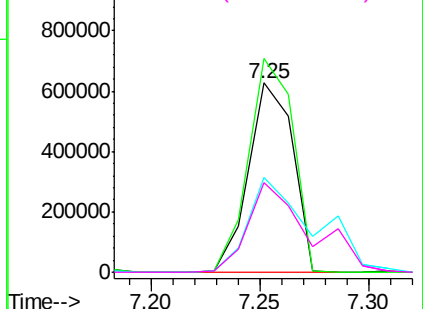
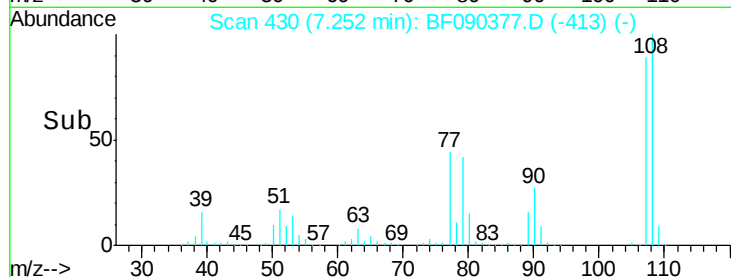
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

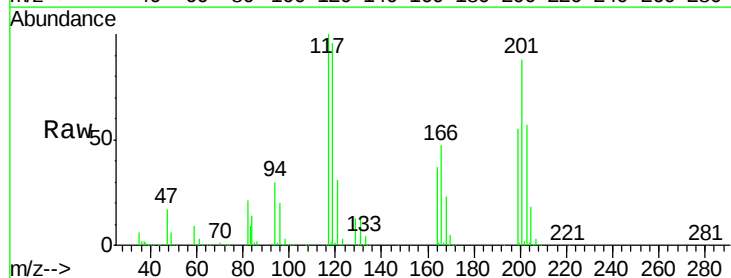
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 53.86 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.9	113.9
201	88.2	66.5	99.7

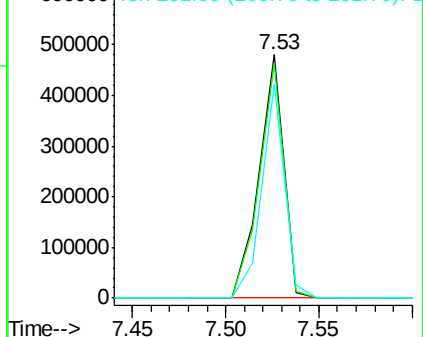
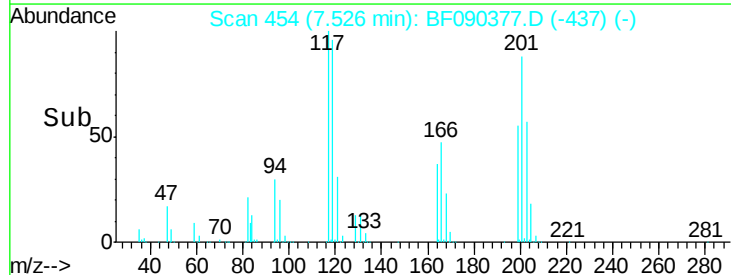


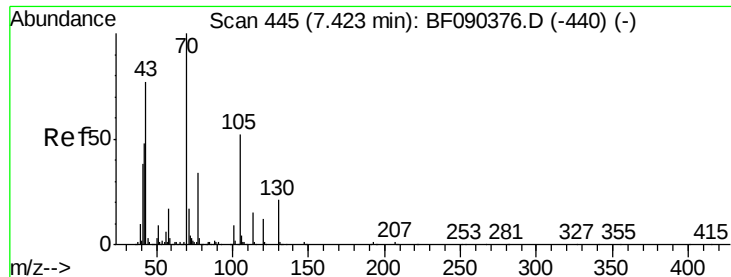
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

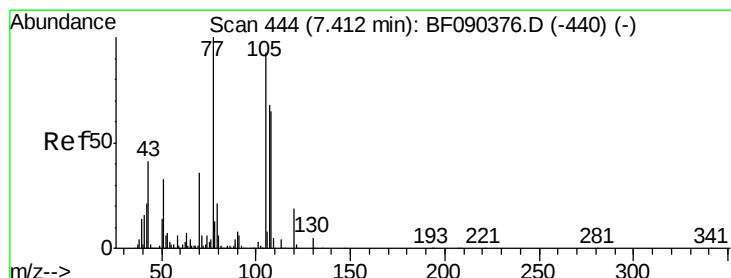
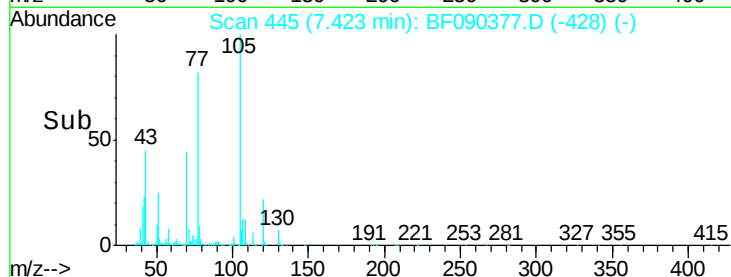
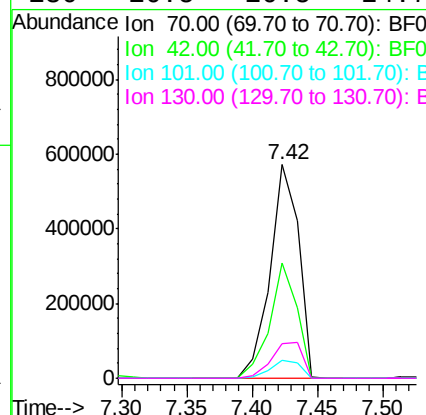
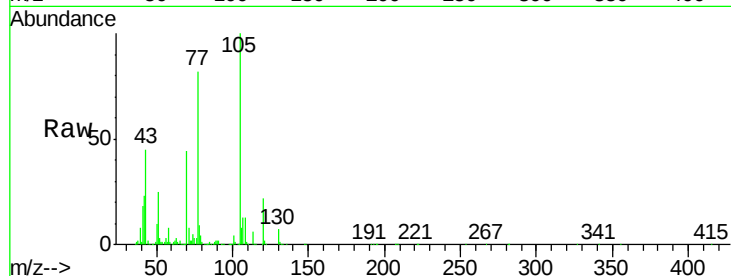




#19
n-Nitroso-di-n-propylamine
Concen: 57.82 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

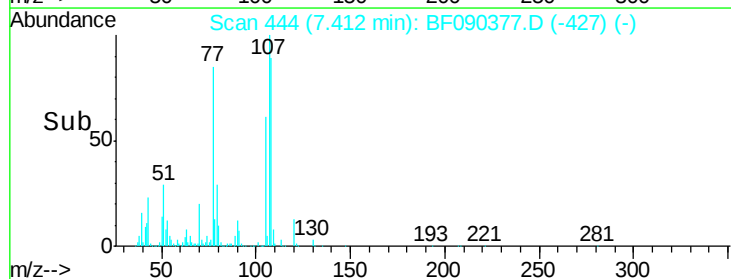
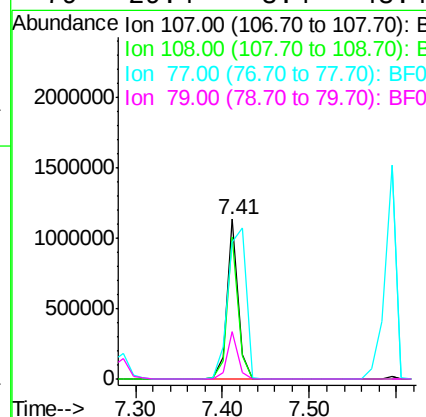
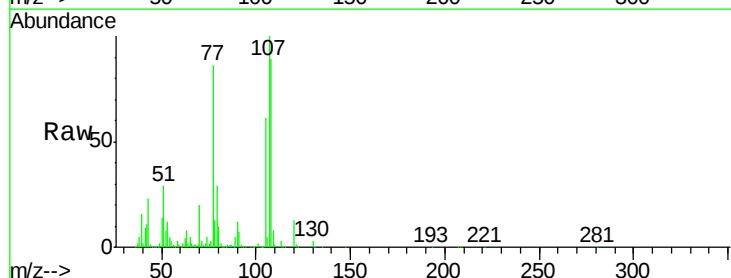
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

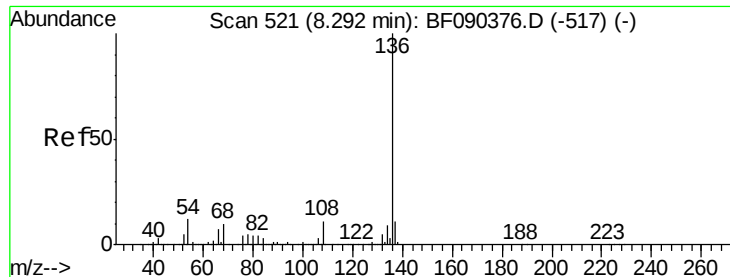
Tot Ion: 70 Resp: 875841
Ion Ratio Lower Upper
70 100
42 53.8 55.4 83.2#
101 8.2 7.6 11.4
130 16.5 16.5 24.7#



#20
3+4-Methylphenols
Concen: 48.05 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion: 107 Resp: 1008965
Ion Ratio Lower Upper
107 100
108 88.7 66.7 106.7
77 85.5 53.7 93.7
79 29.4 8.4 48.4

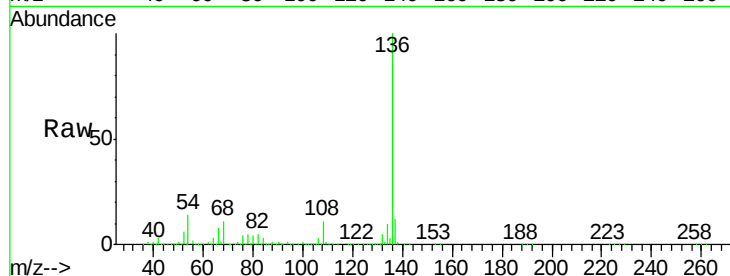




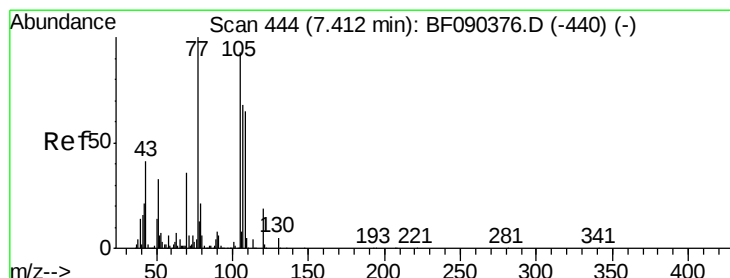
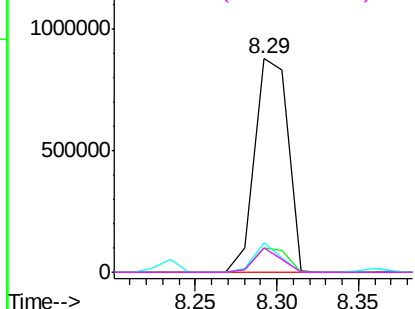
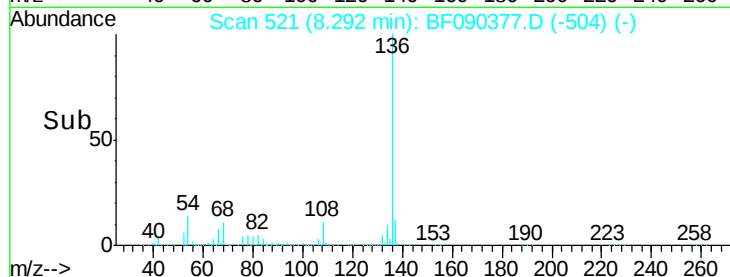
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:136	Resp: 1245317
Ion Ratio	Lower Upper
136 100	
137 11.6	9.0 13.6
54 13.5	6.6 10.0#
68 11.3	5.0 7.6#

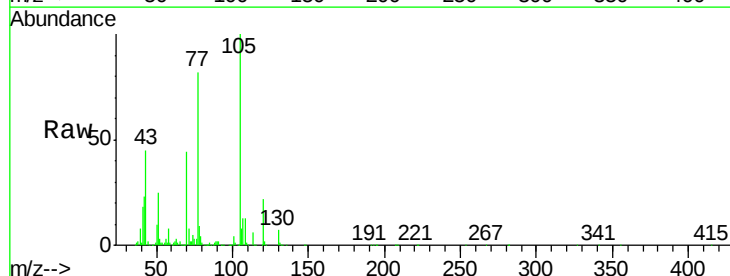


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

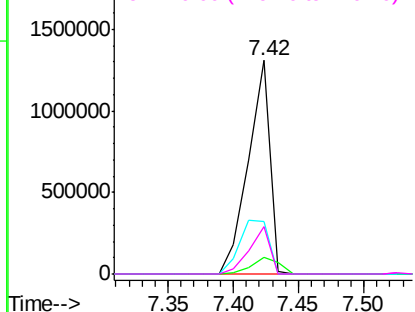
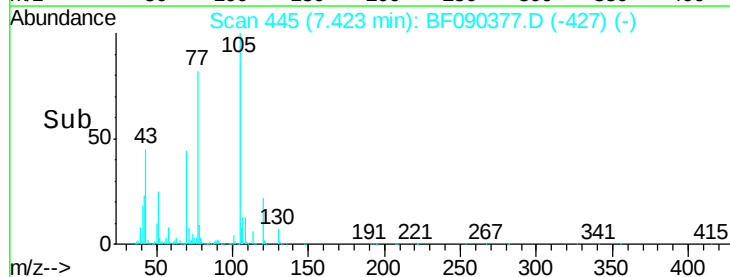


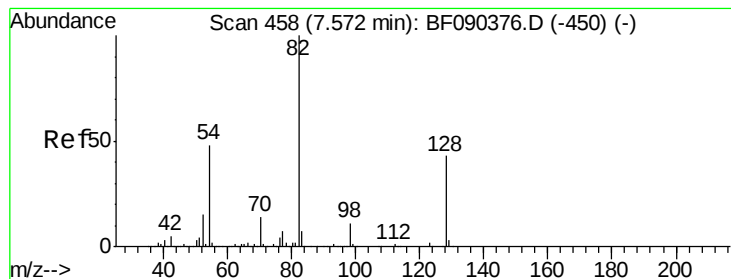
#22
Acetophenone
Concen: 52.43 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt	Ion:105	Resp:	1511653
Ion	Ratio	Lower	Upper
105	100		
71	7.6	3.8	5.6#
51	24.7	28.2	42.4#
120	22.1	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 109.76 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

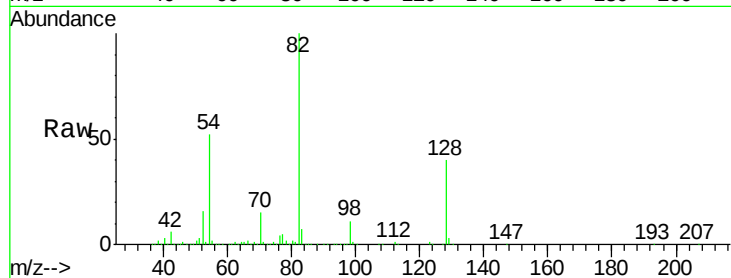
Tot Ion: 82 Resp: 2344881

Ion Ratio Lower Upper

82 100

128 39.6 40.0 60.0#

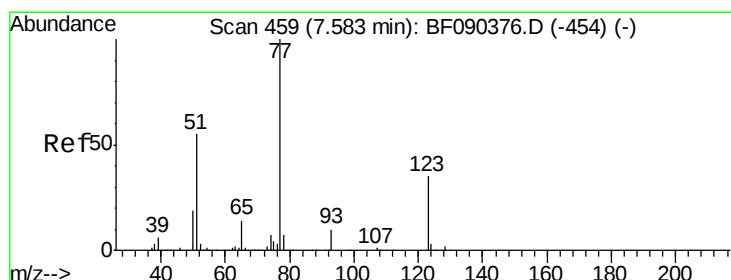
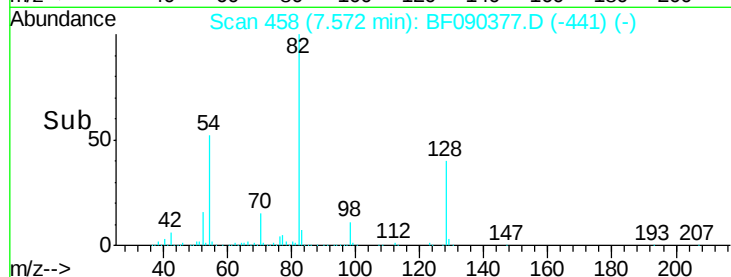
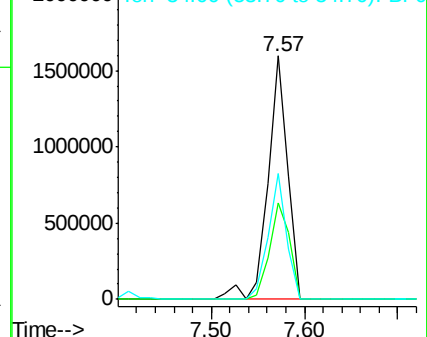
54 51.6 42.6 64.0



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: 60.56 ng

RT: 7.59 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

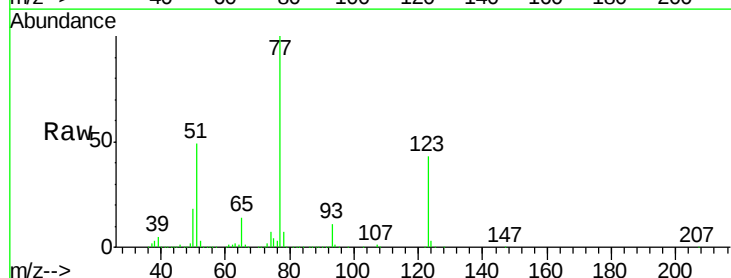
Tgt Ion: 77 Resp: 1381379

Ion Ratio Lower Upper

77 100

123 42.7 33.0 49.4

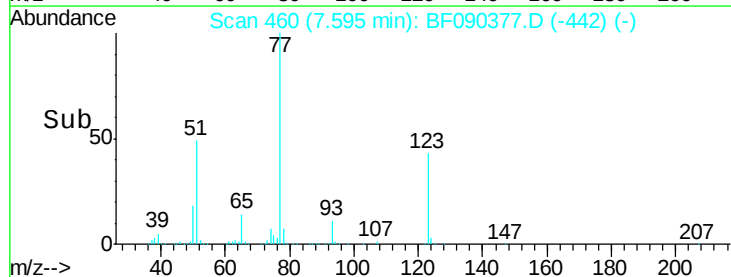
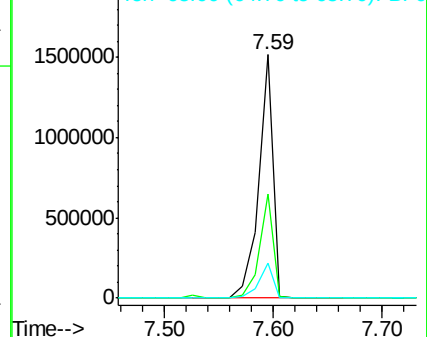
65 14.2 12.0 18.0

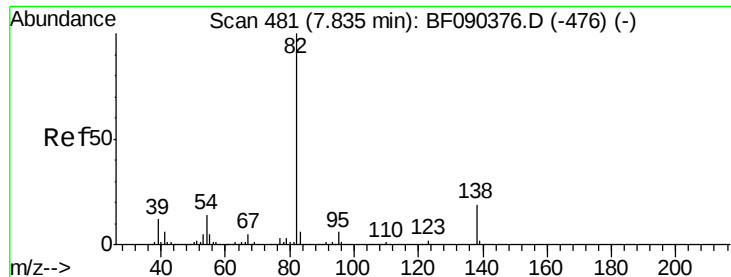


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 54.24 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

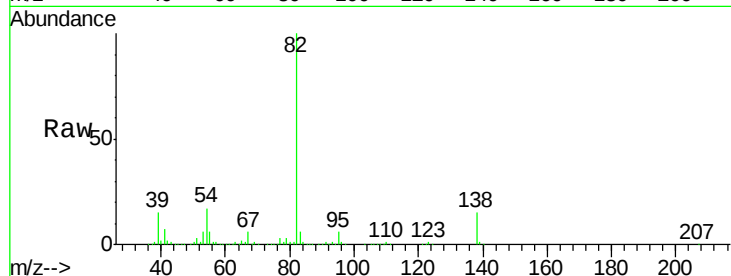
Tot Ion: 82 Resp: 2204631

Ion Ratio Lower Upper

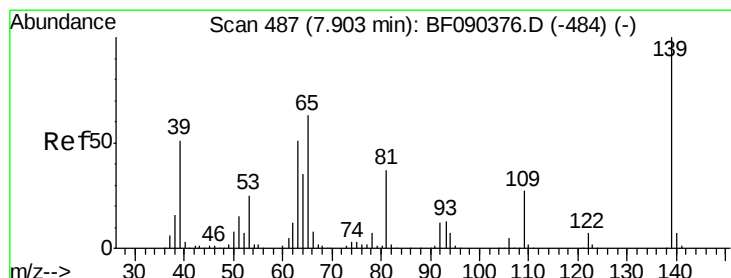
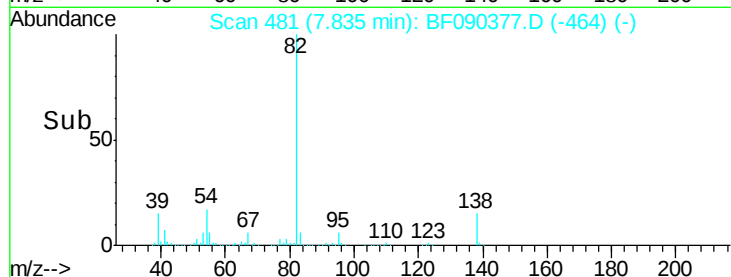
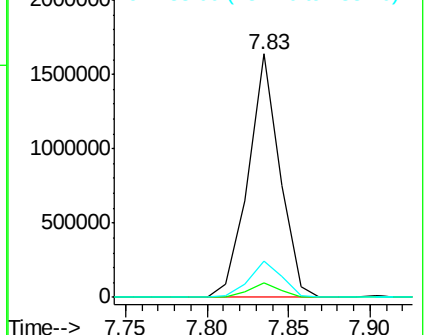
82 100

95 6.1 5.2 7.8

138 15.1 13.0 19.4



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



#26

2-Nitrophenol

Concen: 60.88 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

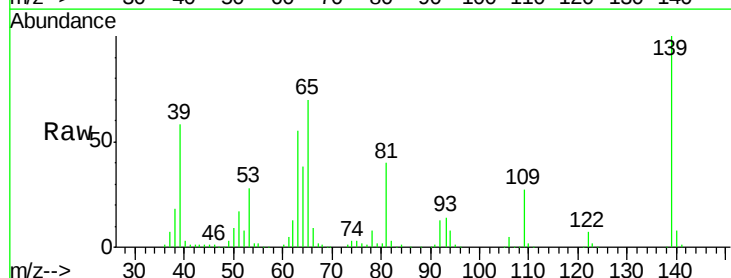
Tgt Ion: 139 Resp: 535896

Ion Ratio Lower Upper

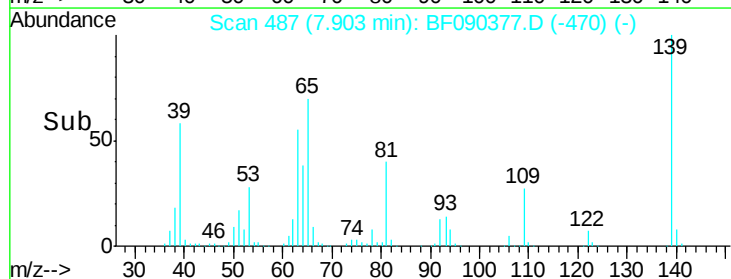
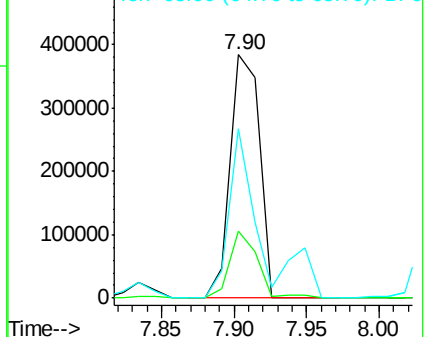
139 100

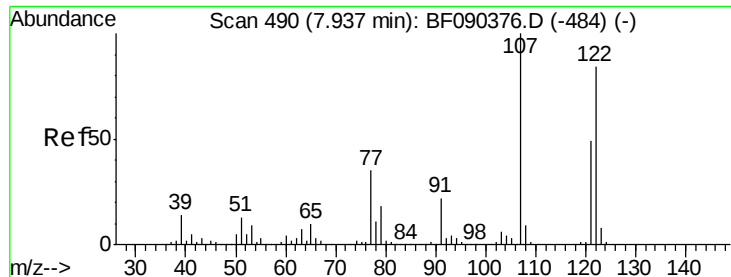
109 27.3 18.9 28.3

65 69.8 31.6 47.4#



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





#27

2,4-Dimethylphenol

Concen: 53.81 ng

RT: 7.95 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

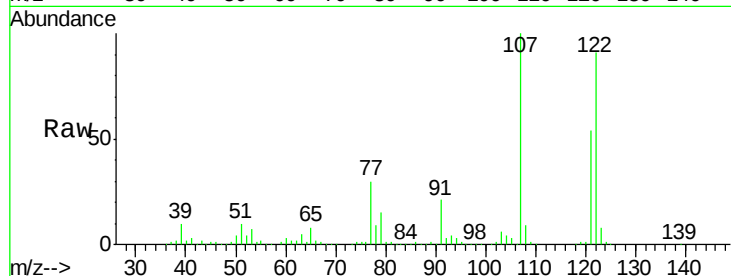
Tot Ion:122 Resp: 1068488

Ion Ratio Lower Upper

122 100

107 109.8 88.6 132.8

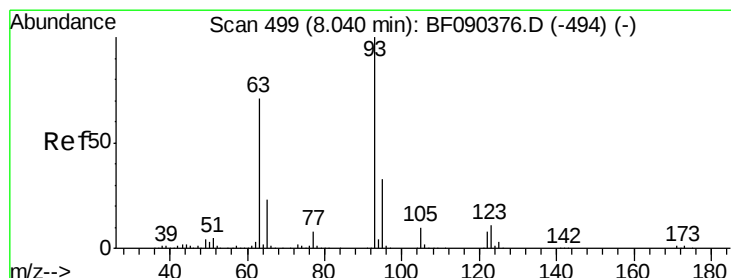
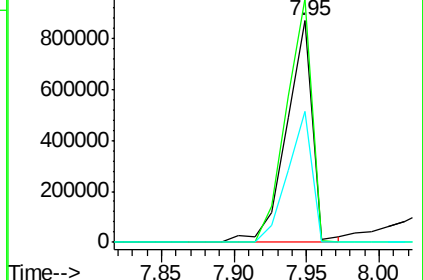
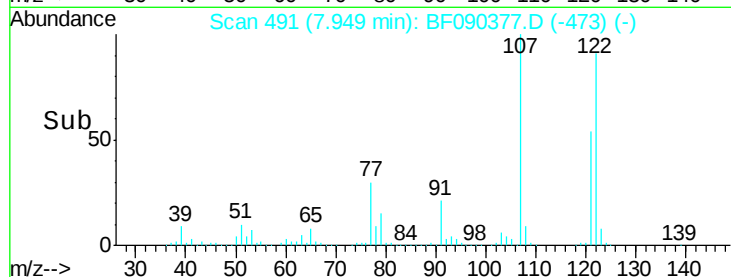
121 58.9 47.5 71.3



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: 49.60 ng

RT: 8.04 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

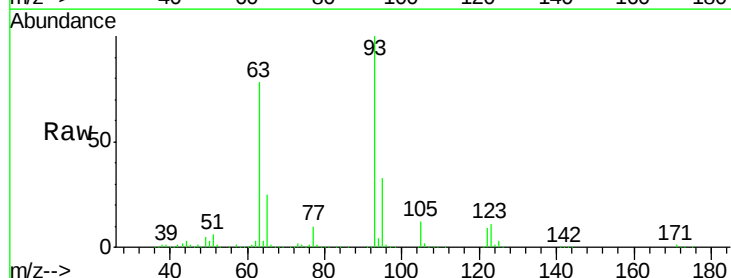
Tgt Ion: 93 Resp: 1251816

Ion Ratio Lower Upper

93 100

95 33.5 27.0 40.4

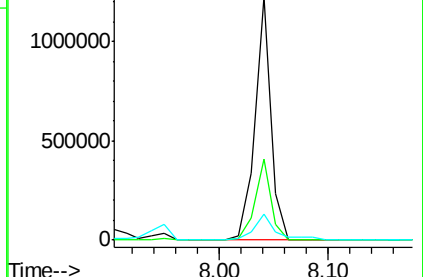
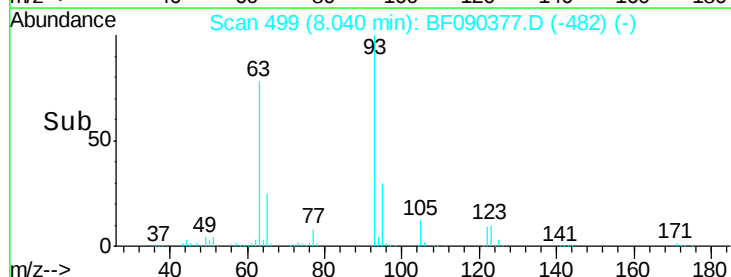
123 10.7 11.1 16.7#

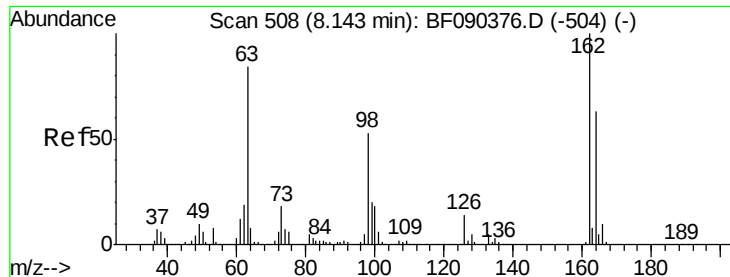


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

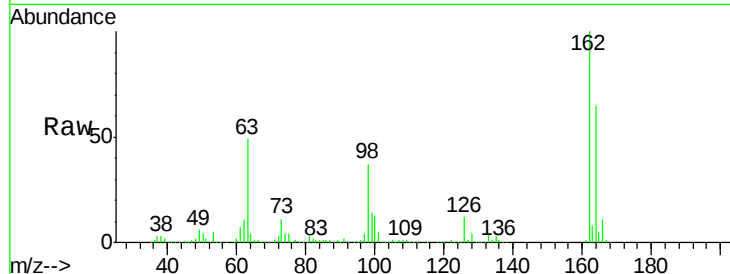




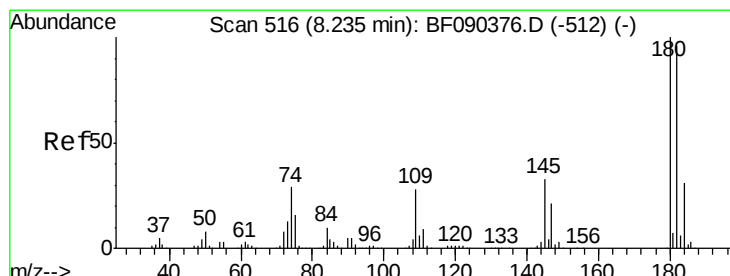
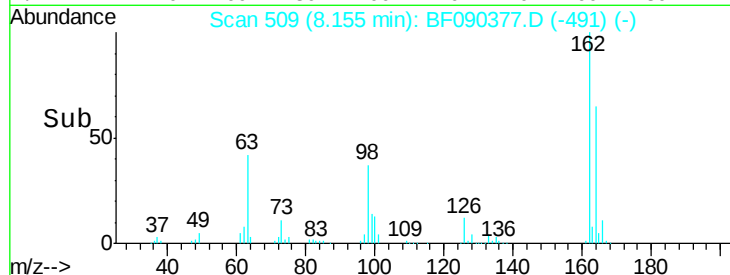
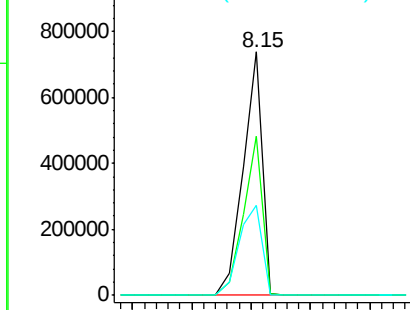
#29
2,4-Dichlorophenol
Concen: 50.65 ng
RT: 8.15 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.7	85.7
98	37.2	13.3	53.3

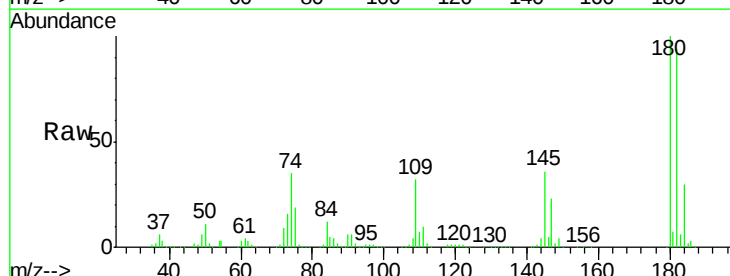


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

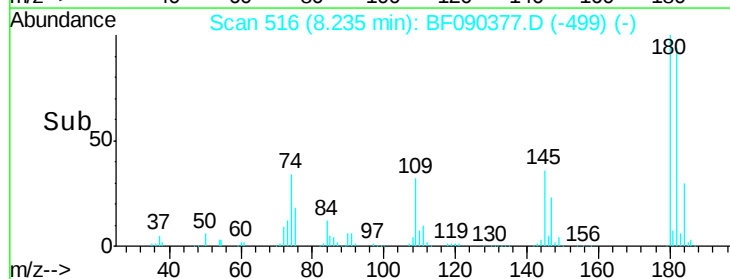
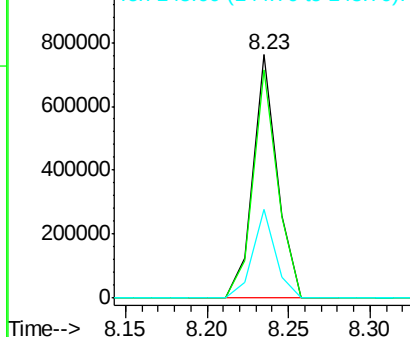


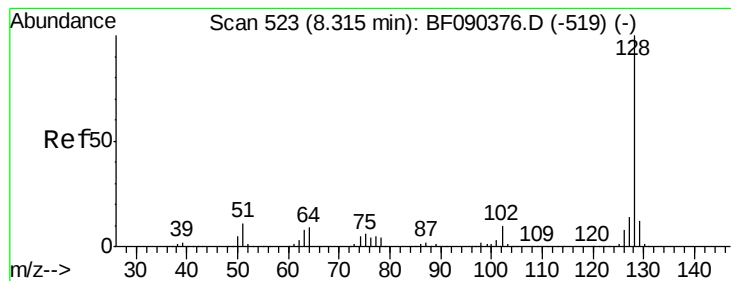
#30
1,2,4-Trichlorobenzene
Concen: 43.19 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.3	112.9
145	36.3	27.7	41.5



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





#31

Naphthalene

Concen: 46.16 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

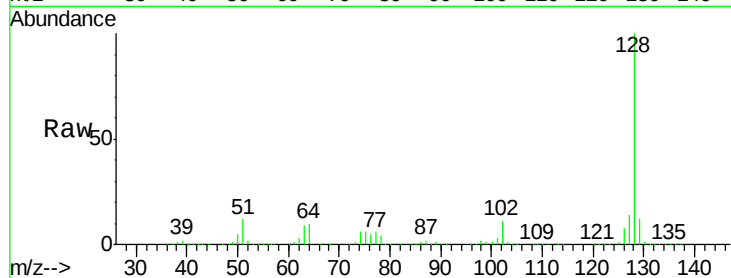
Tot Ion:128 Resp: 2747408

Ion Ratio Lower Upper

128 100

129 12.1 9.7 14.5

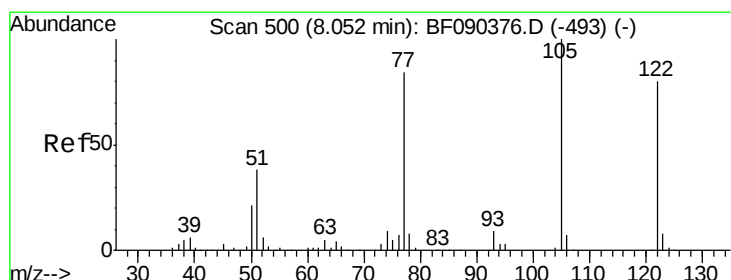
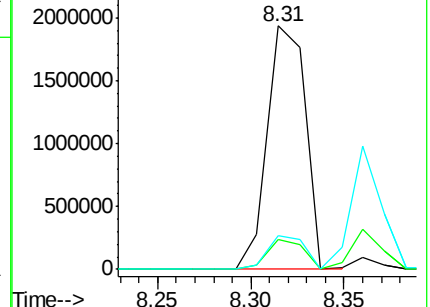
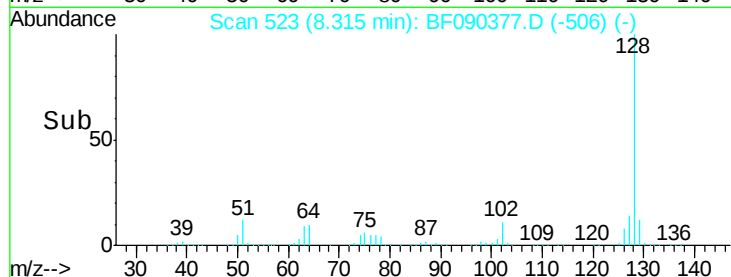
127 14.0 11.7 17.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 70.43 ng

RT: 8.09 min Scan# 503

Delta R.T. 0.03 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

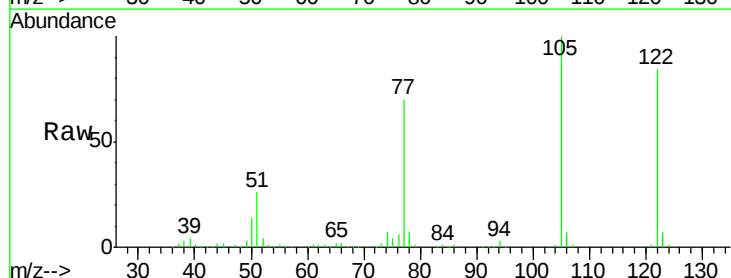
Tgt Ion:122 Resp: 822425

Ion Ratio Lower Upper

122 100

105 119.0 103.9 143.9

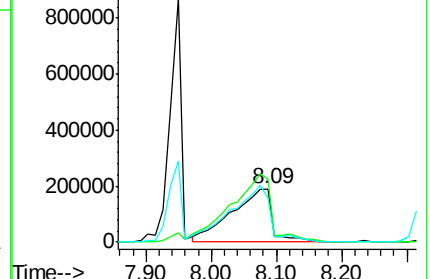
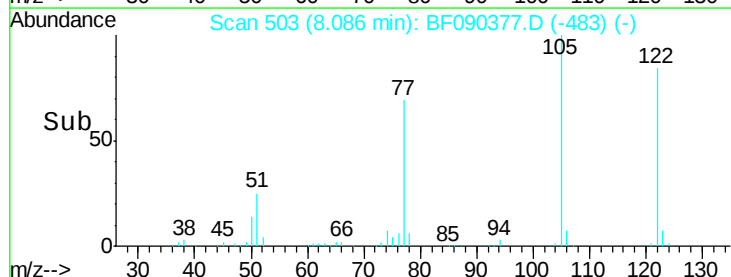
77 83.7 74.6 114.6



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

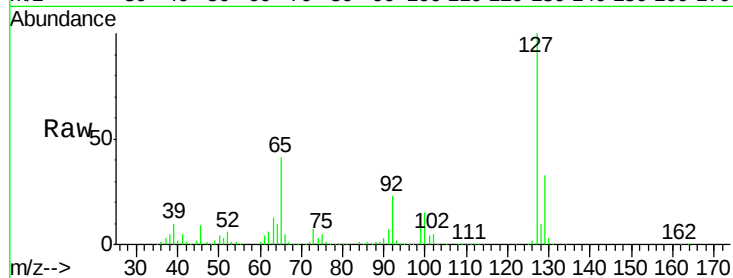




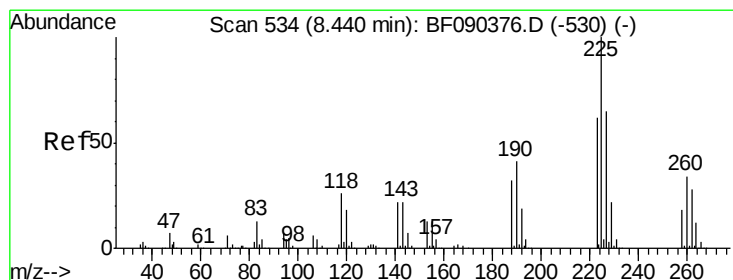
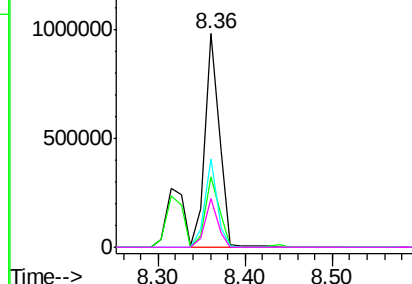
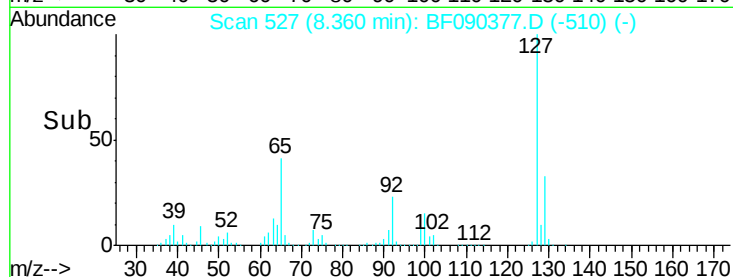
#33
4-Chloroaniline
Concen: 47.21 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:127 Resp: 1122443
Ion Ratio Lower Upper
127 100
129 32.8 26.2 39.4
65 41.1 32.5 48.7
92 22.8 17.2 25.8

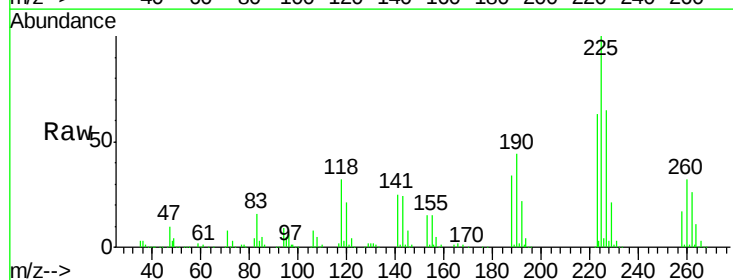


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

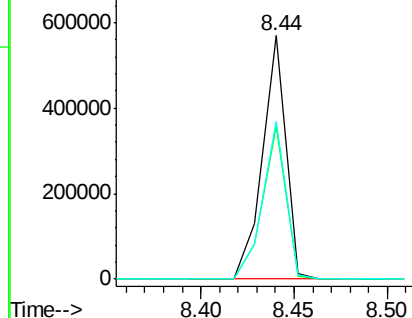
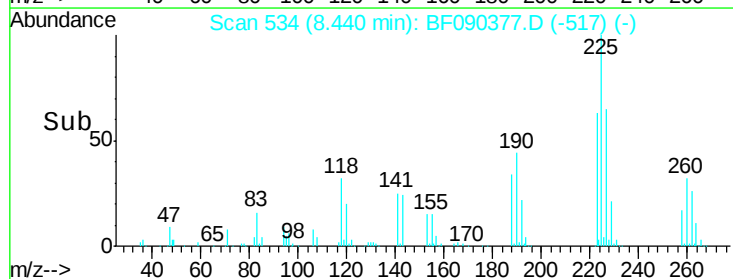


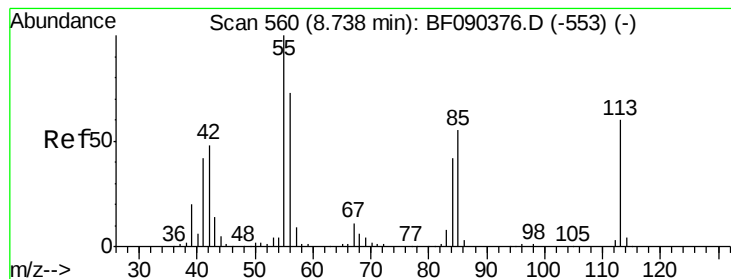
#34
Hexachlorobutadiene
Concen: 45.64 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion:225 Resp: 489126
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.4
227 64.8 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: 56.78 ng

RT: 8.75 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

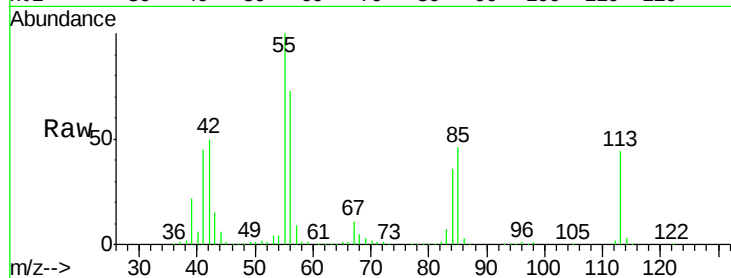
Tot Ion:113 Resp: 241405

Ion Ratio Lower Upper

113 100

55 226.5 203.3 243.3

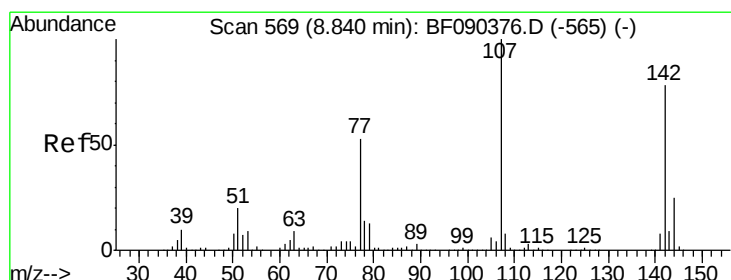
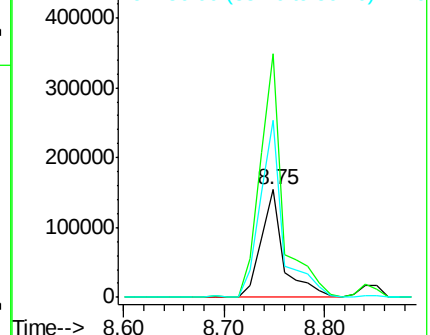
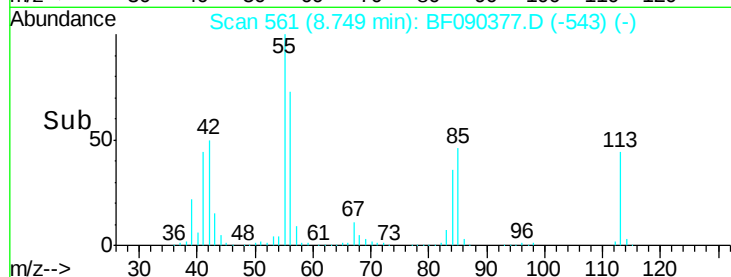
56 164.5 140.5 180.5



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: 55.63 ng

RT: 8.84 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

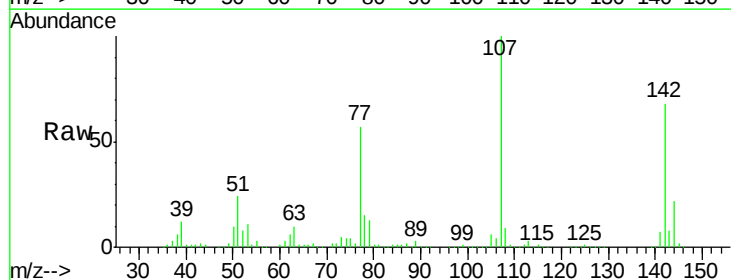
Tgt Ion:107 Resp: 971173

Ion Ratio Lower Upper

107 100

144 22.2 19.8 29.8

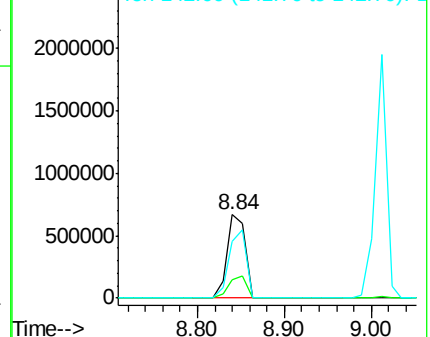
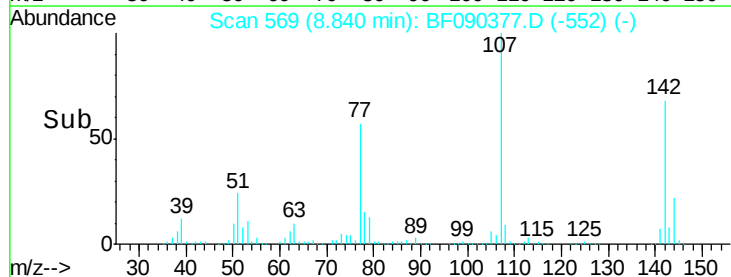
142 67.7 60.7 91.1

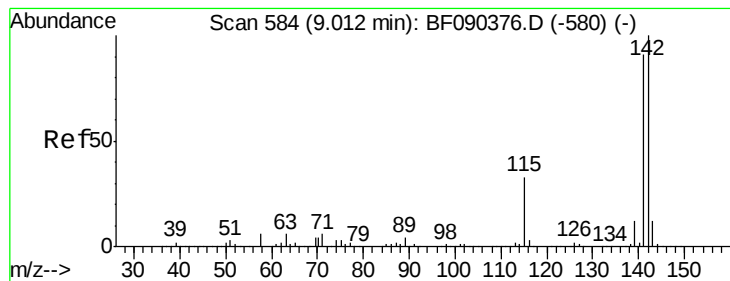


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

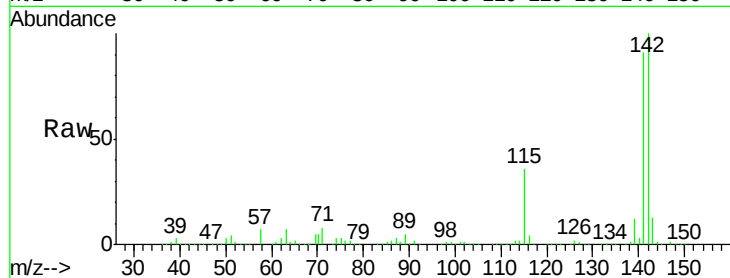




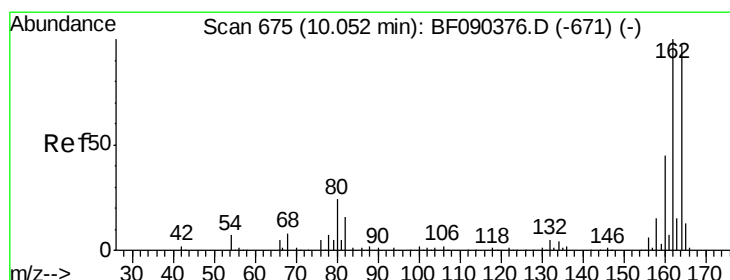
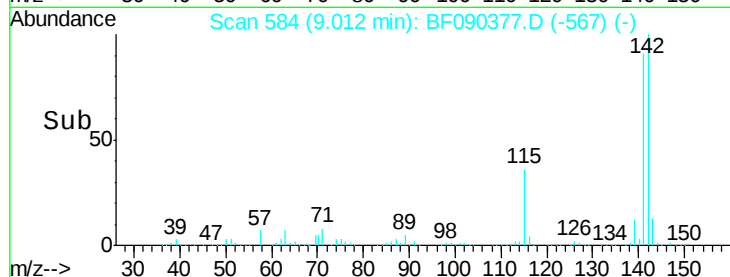
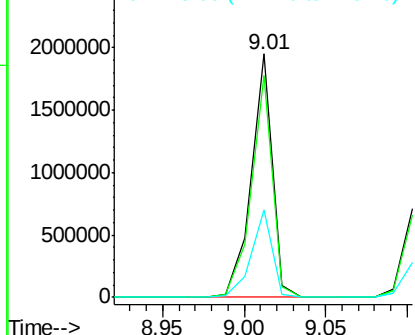
#37
2-Methylnaphthalene
Concen: 46.64 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:142 Resp: 1742053
Ion Ratio Lower Upper
142 100
141 91.1 71.8 107.8
115 36.1 28.8 43.2

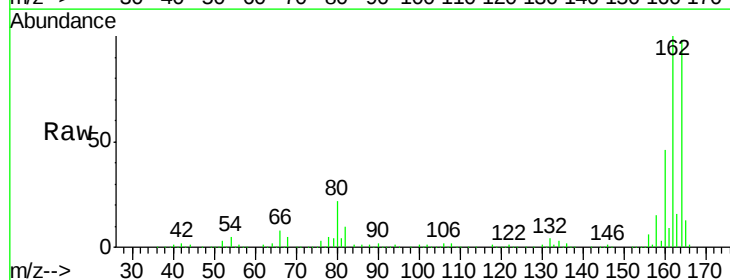


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

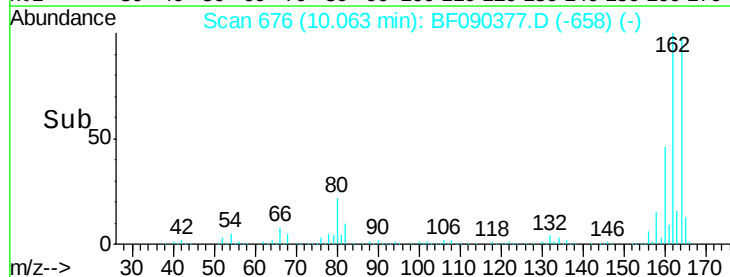
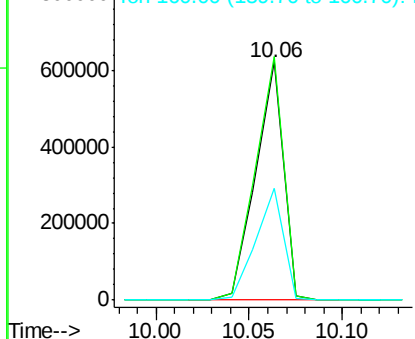


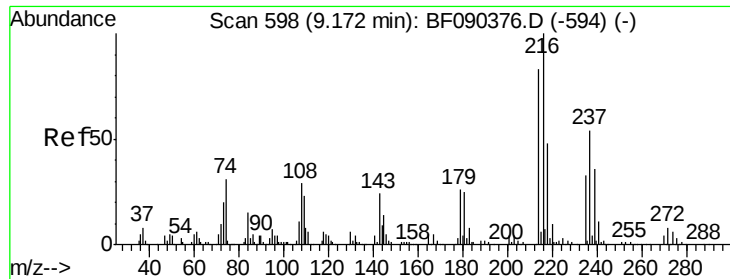
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion:164 Resp: 640439
Ion Ratio Lower Upper
164 100
162 102.3 80.1 120.1
160 46.9 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: 48.13 ng

RT: 9.18 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:216 Resp: 870069

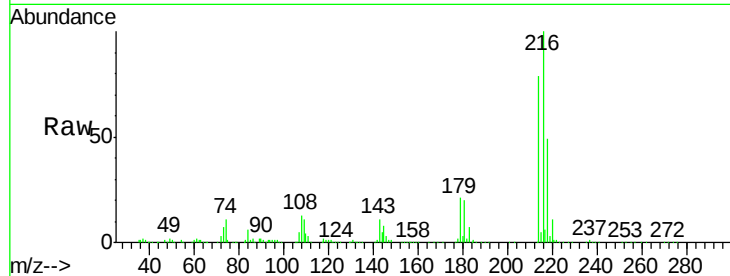
Ion Ratio Lower Upper

216 100

214 79.1 64.2 96.2

179 22.6 18.0 27.0

108 20.3 15.2 22.8

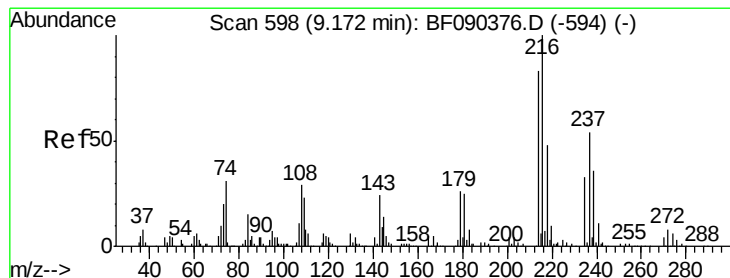
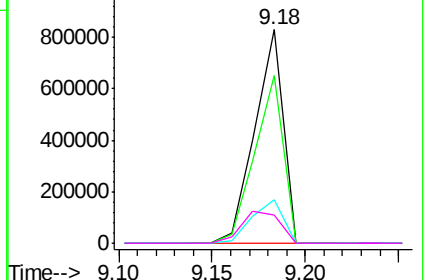
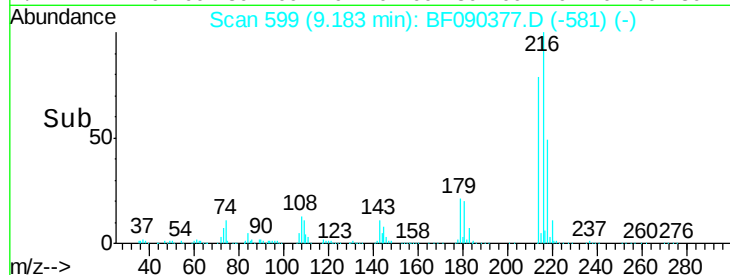


Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.72 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

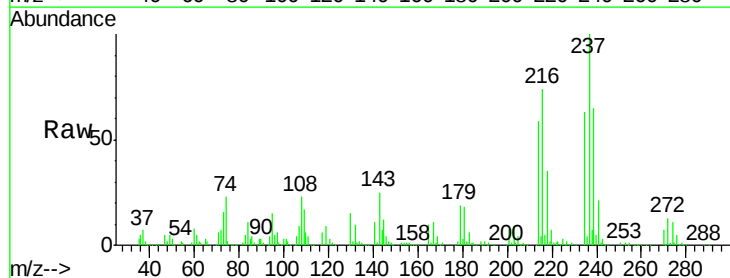
Tgt Ion:237 Resp: 504538

Ion Ratio Lower Upper

237 100

235 63.2 43.6 83.6

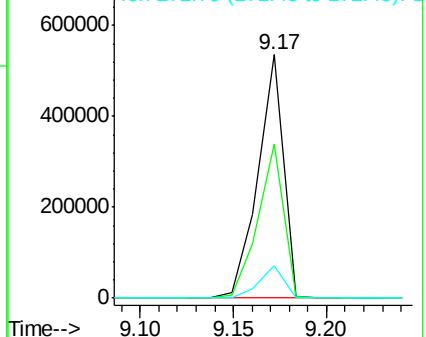
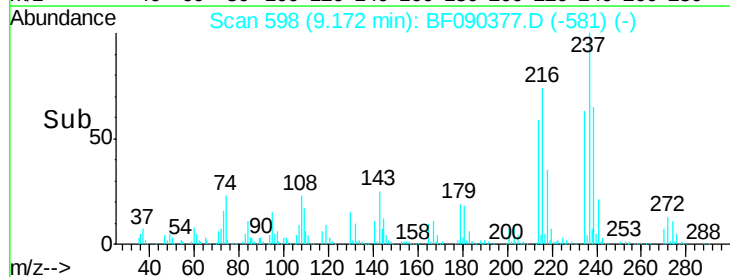
272 13.1 0.0 32.7

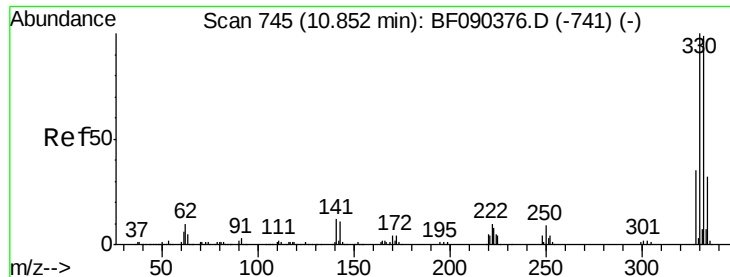


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

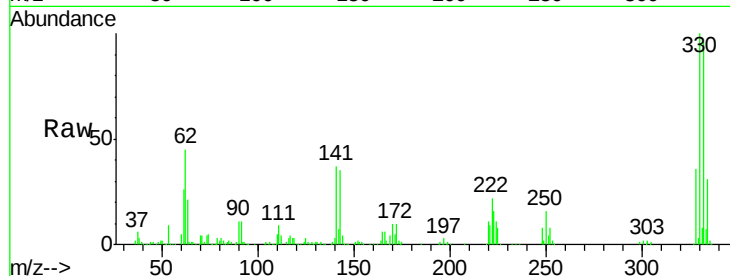




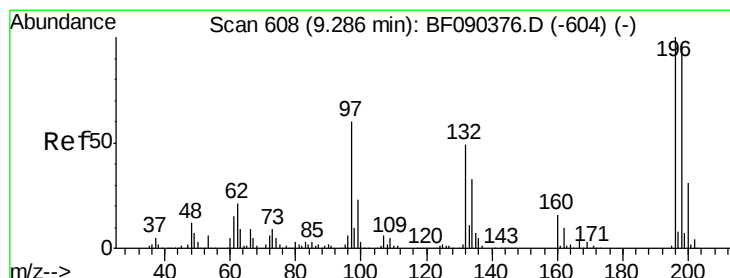
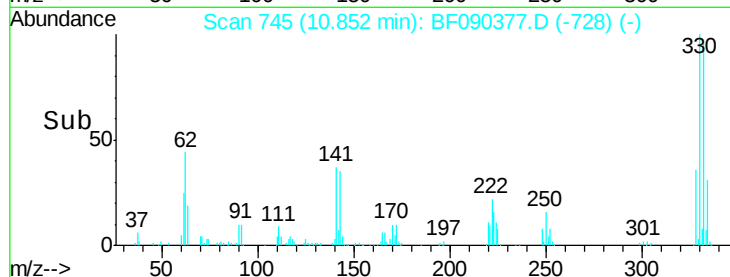
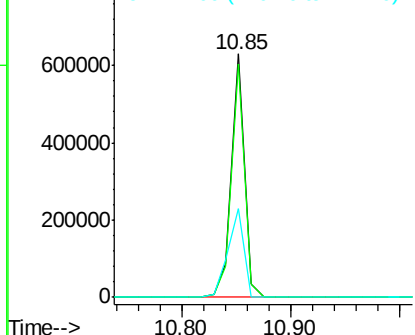
#41
 2,4,6-Tribromophenol
 Concen: 93.86 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.0
141	44.4	26.9	40.3#

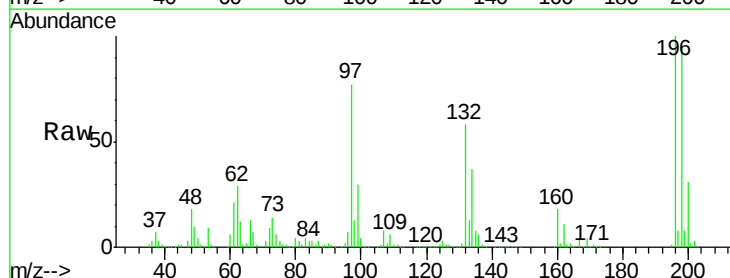


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

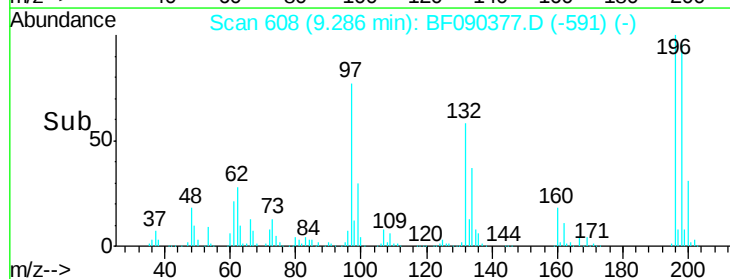
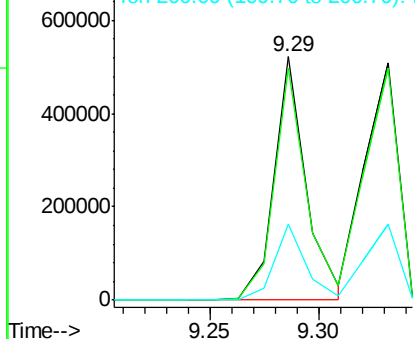


#42
 2,4,6-Trichlorophenol
 Concen: 47.33 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	78.9	118.3
200	31.0	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

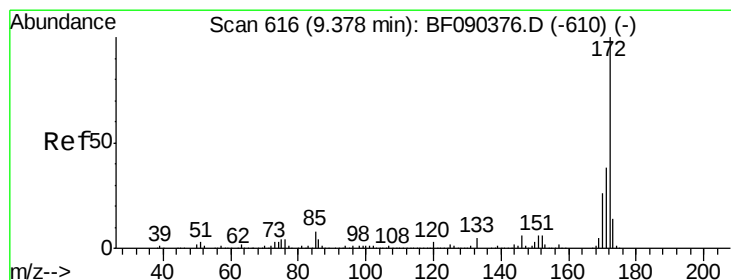
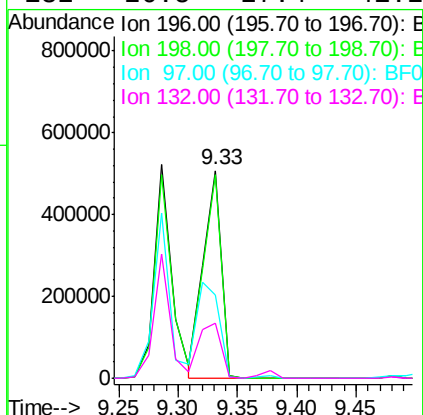
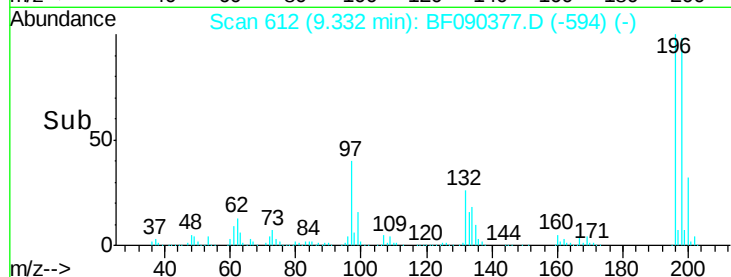
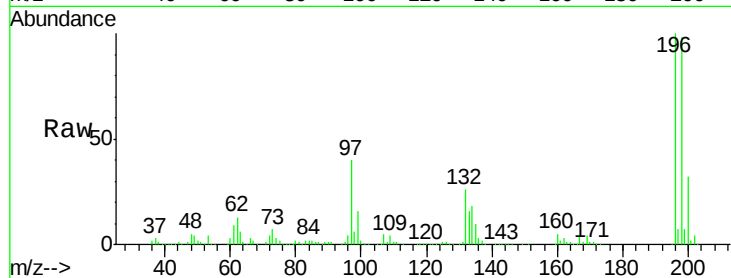




#43
 2,4,5-Trichlorophenol
 Concen: 47.60 ng
 RT: 9.33 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

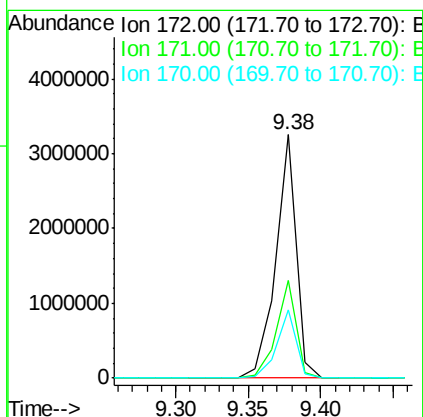
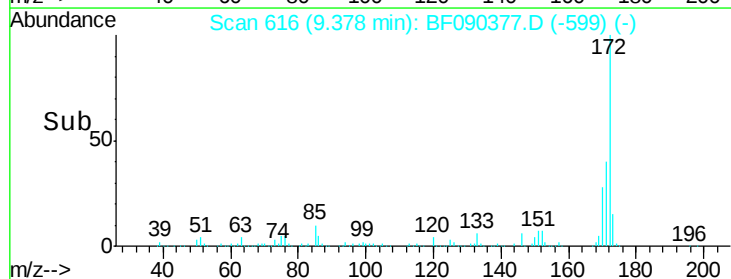
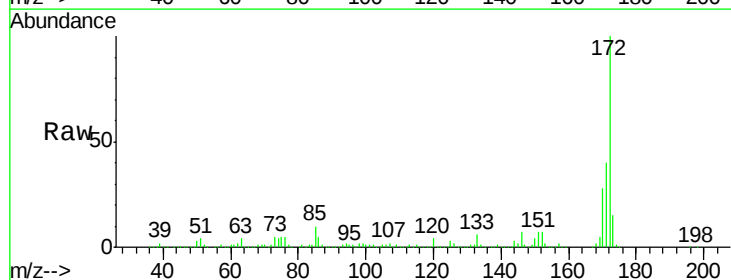
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

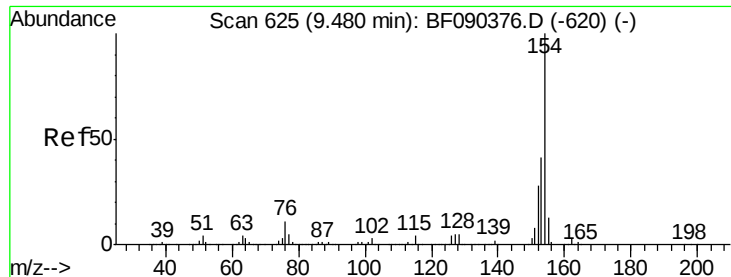
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.1	117.1
97	40.1	48.1	72.1#
132	26.5	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 80.95 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.8	47.8
170	27.8	21.7	32.5

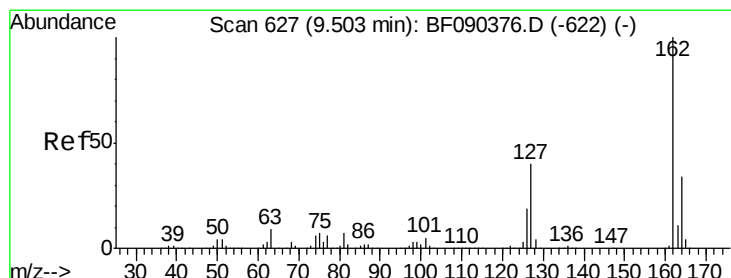
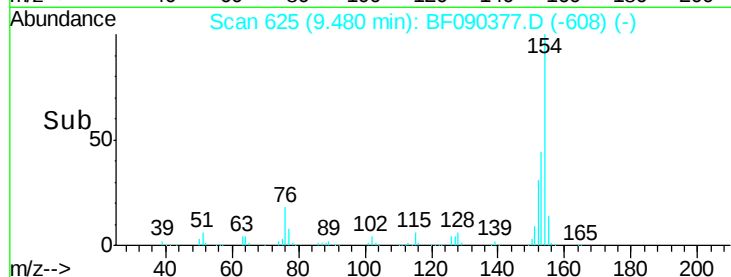
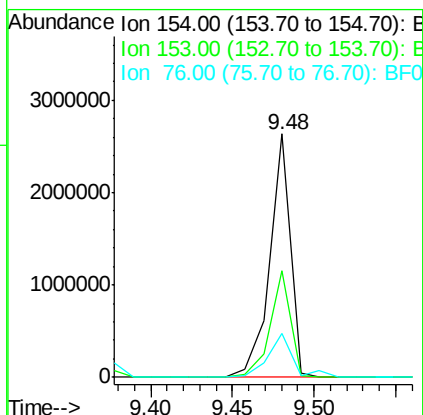
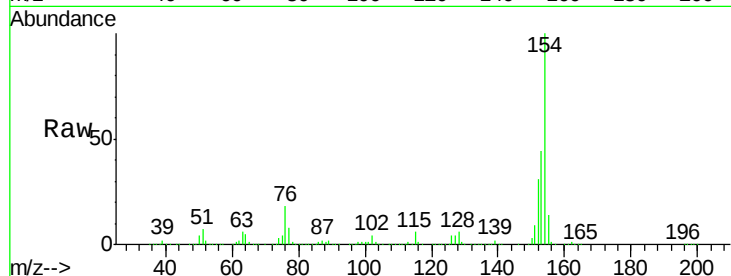




#45
 1,1'-Biphenyl
 Concen: 46.68 ng
 RT: 9.48 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

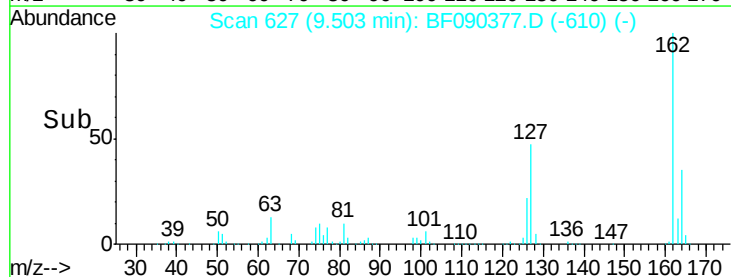
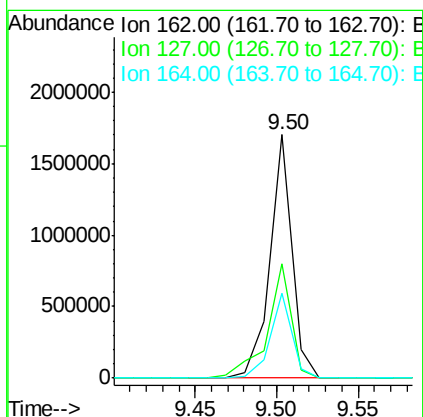
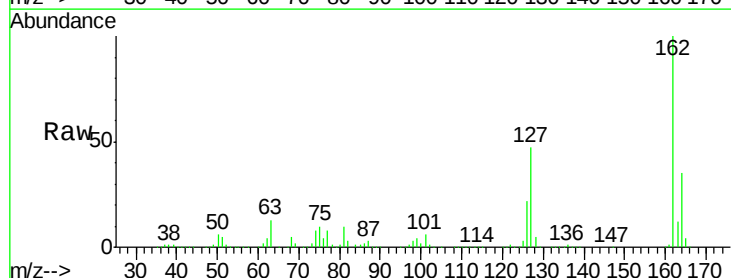
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

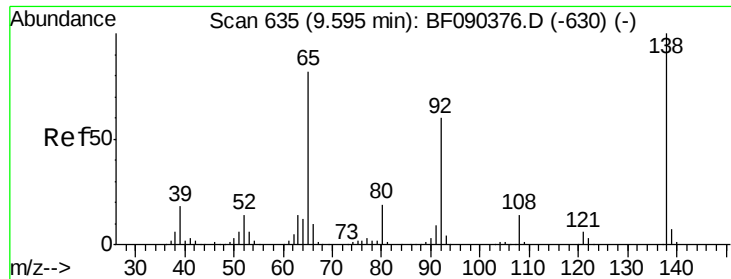
Tot Ion:154 Resp: 2314636
 Ion Ratio Lower Upper
 154 100
 153 43.6 23.8 63.8
 76 17.8 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 43.02 ng
 RT: 9.50 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Tgt Ion:162 Resp: 1600997
 Ion Ratio Lower Upper
 162 100
 127 46.8 35.6 53.4
 164 34.7 27.5 41.3

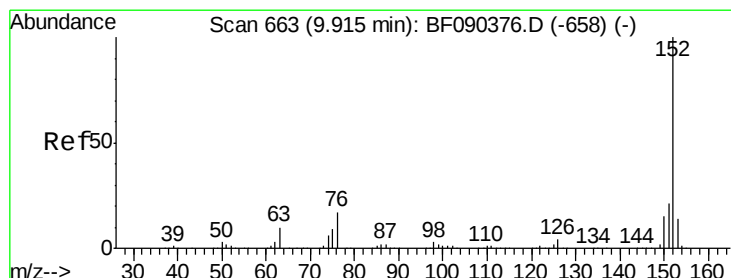
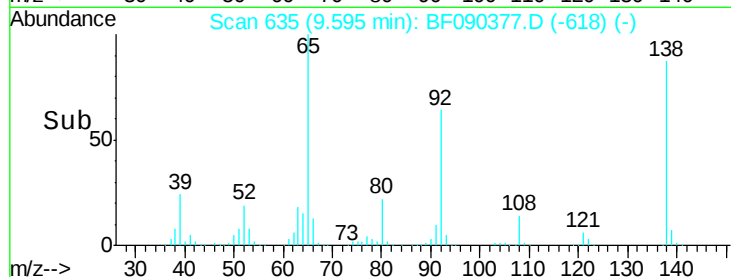
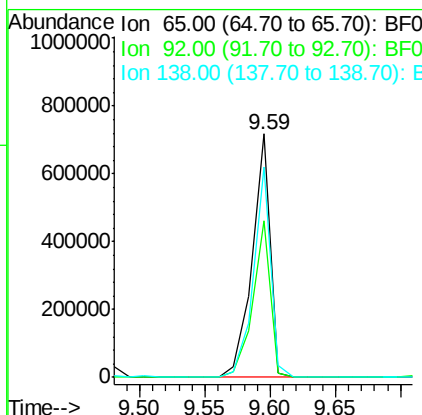
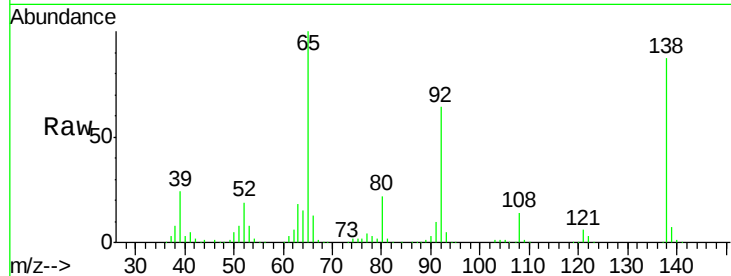




#47
2-Nitroaniline
Concen: 67.67 ng
RT: 9.59 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

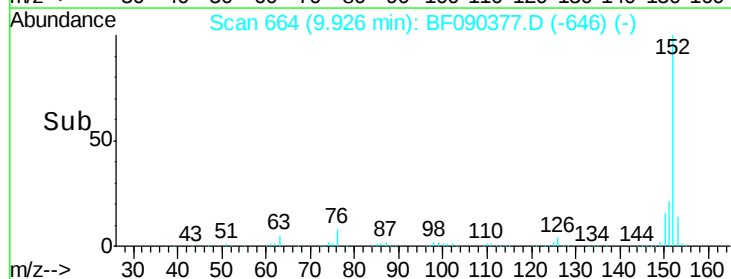
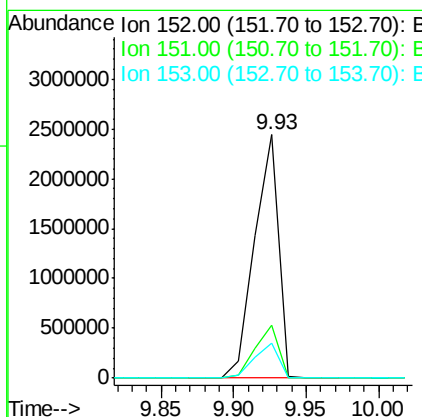
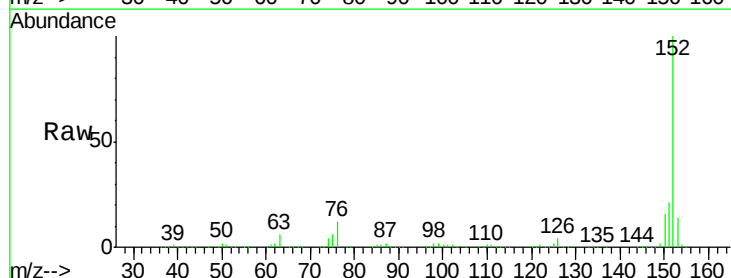
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

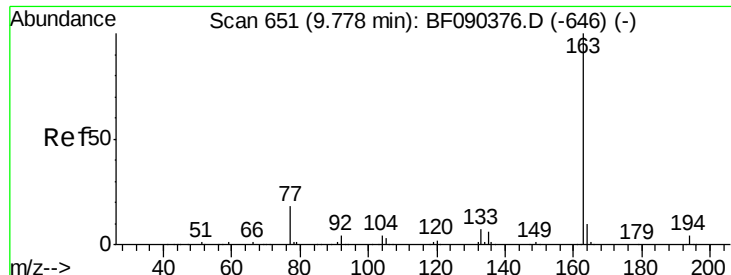
Tot Ion: 65 Resp: 687417
Ion Ratio Lower Upper
65 100
92 64.4 51.7 77.5
138 86.6 79.0 118.4



#48
Acenaphthylene
Concen: 49.51 ng
RT: 9.93 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion:152 Resp: 2787594
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.0
153 14.3 11.6 17.4

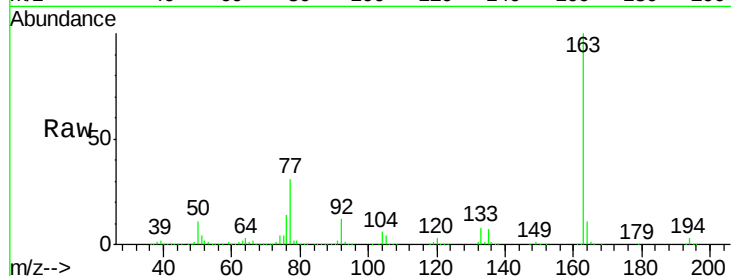




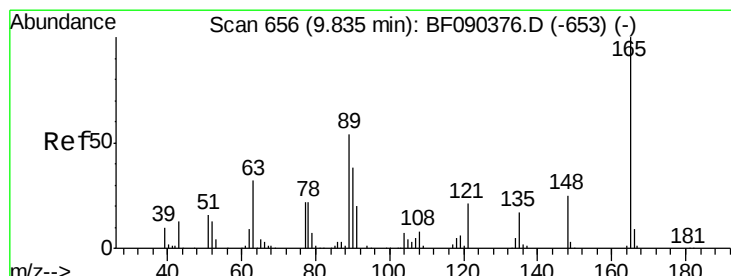
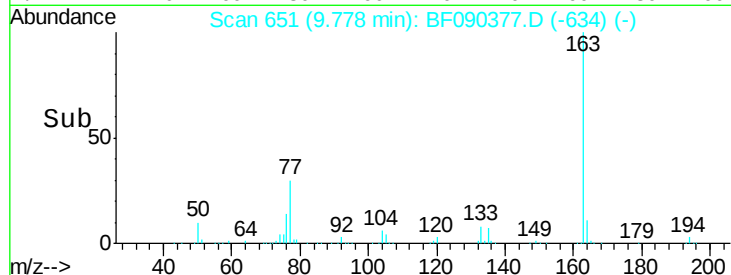
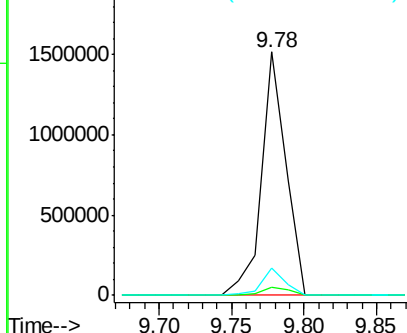
#49
Dimethylphthalate
Concen: 46.46 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:163 Resp: 1761436
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 11.3 9.0 13.4

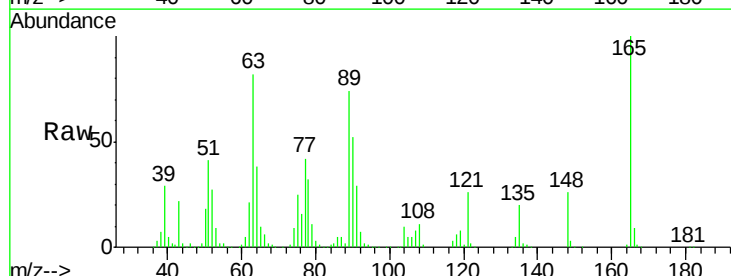


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

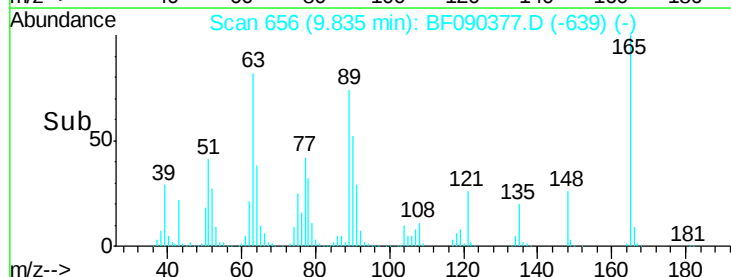
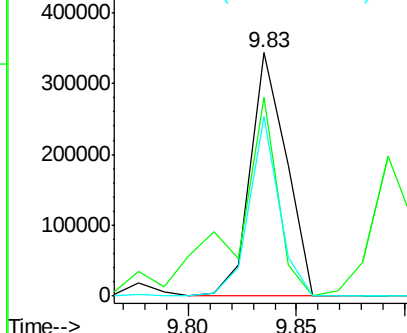


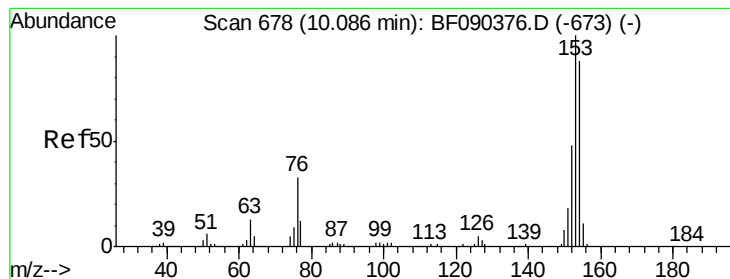
#50
2,6-Dinitrotoluene
Concen: 47.62 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion:165 Resp: 394899
Ion Ratio Lower Upper
165 100
63 81.7 58.0 87.0
89 73.7 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: 52.69 ng

RT: 10.10 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

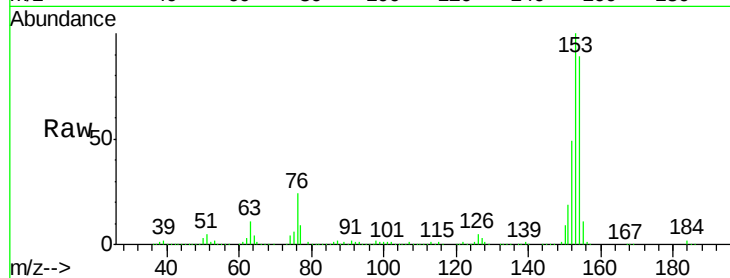
Tot Ion:154 Resp: 1805428

Ion Ratio Lower Upper

154 100

153 112.1 88.6 133.0

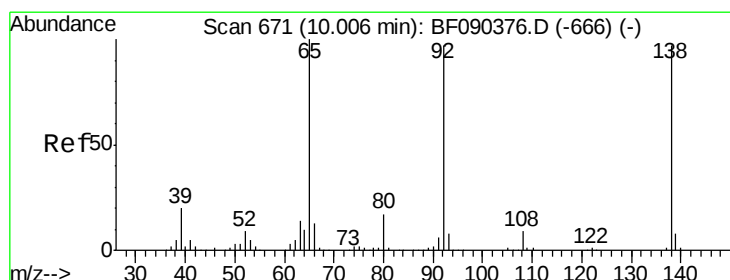
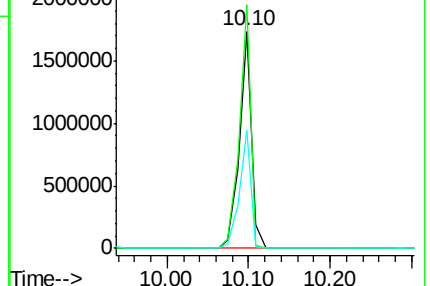
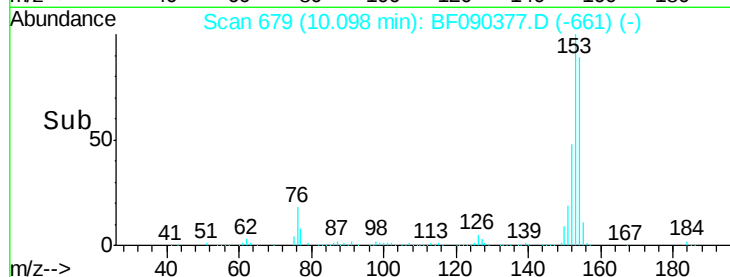
152 54.7 42.6 64.0



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: 47.57 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

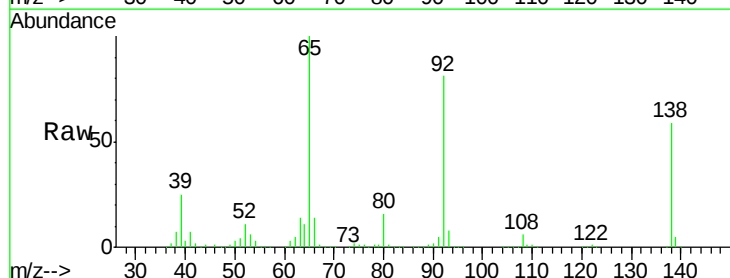
Tgt Ion:138 Resp: 446867

Ion Ratio Lower Upper

138 100

108 10.8 9.7 14.5

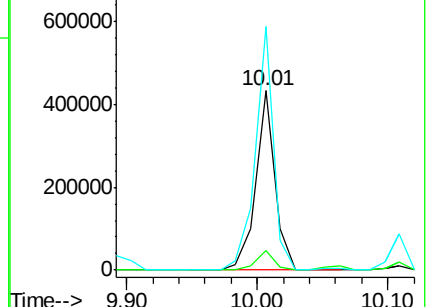
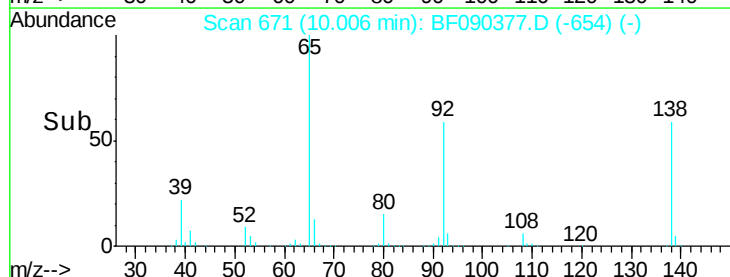
92 135.9 97.1 145.7

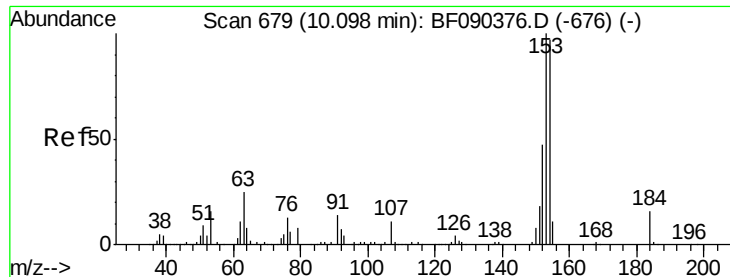


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

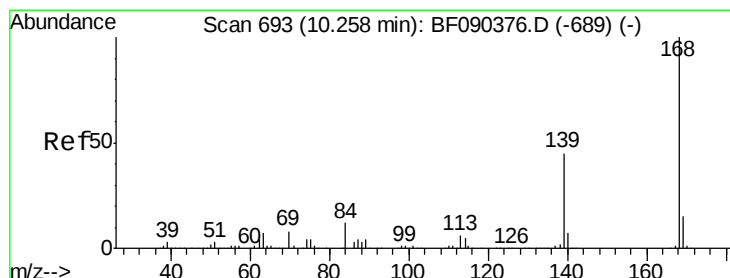
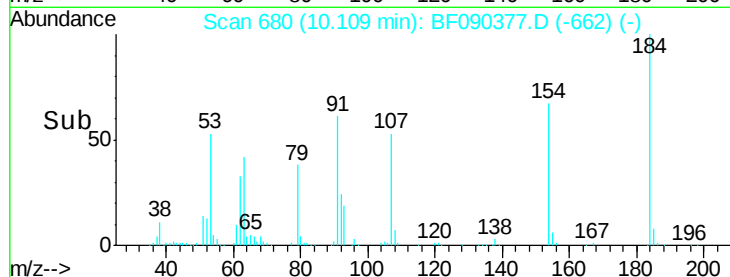
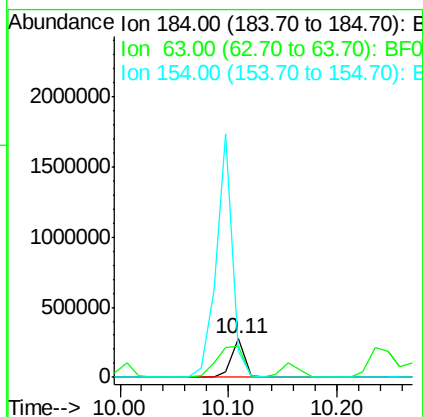
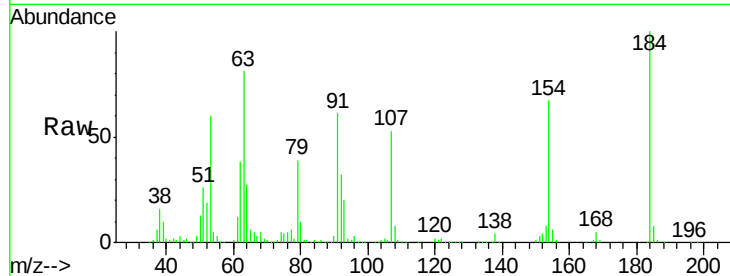




#53
2,4-Dinitrophenol
Concen: 92.08 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

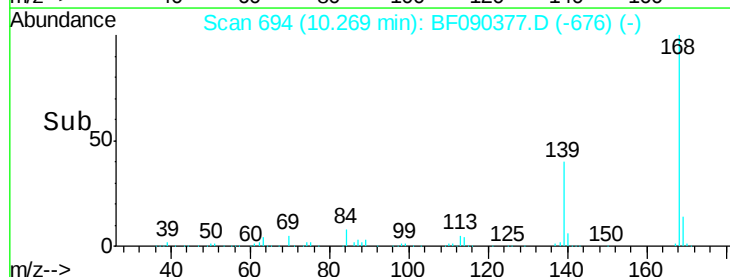
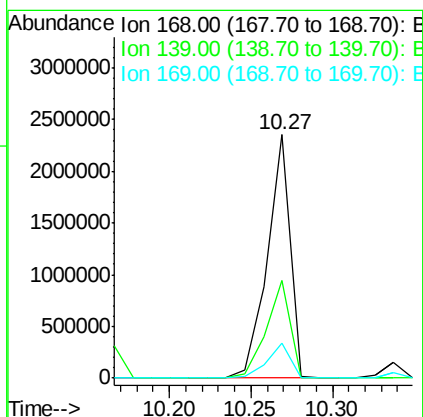
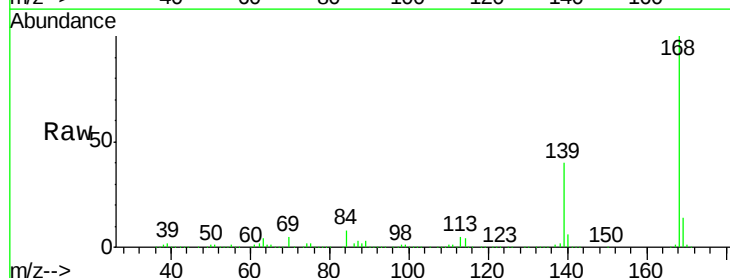
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

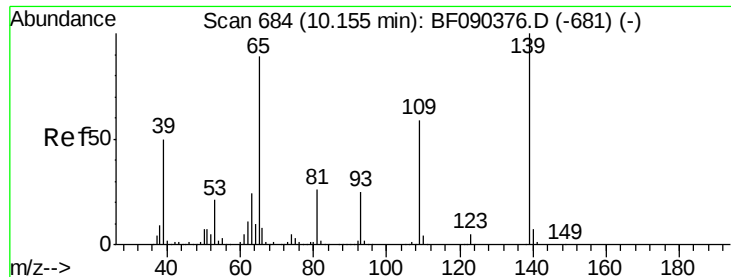
Tot Ion:184 Resp: 230867
Ion Ratio Lower Upper
184 100
63 81.2 41.9 62.9#
154 67.1 48.9 73.3



#54
Dibenzofuran
Concen: 50.54 ng
RT: 10.27 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion:168 Resp: 2289613
Ion Ratio Lower Upper
168 100
139 40.2 29.6 44.4
169 14.4 11.3 16.9





#55

4-Nitrophenol

Concen: 61.59 ng

RT: 10.17 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

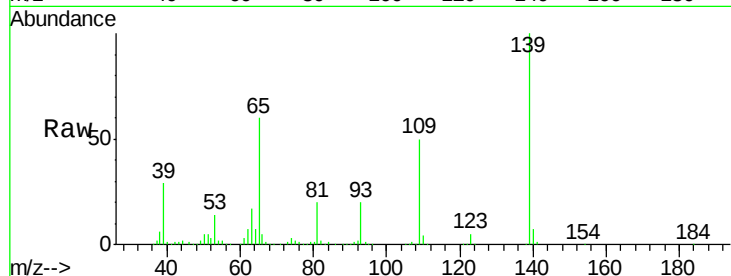
Tot Ion:139 Resp: 460710

Ion Ratio Lower Upper

139 100

109 49.8 43.6 83.6

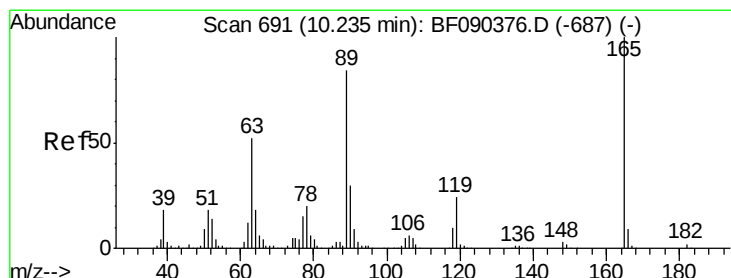
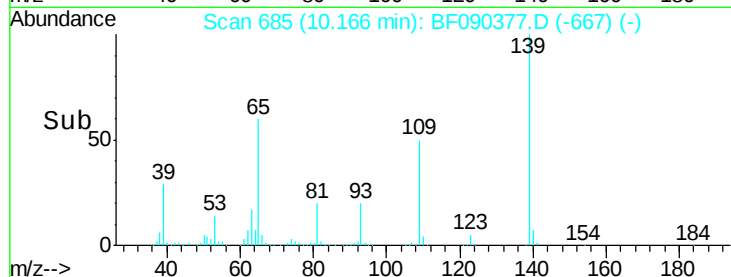
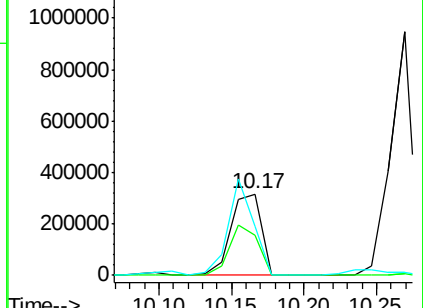
65 60.4 87.5 127.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 64.83 ng

RT: 10.25 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Tgt Ion:165 Resp: 647118

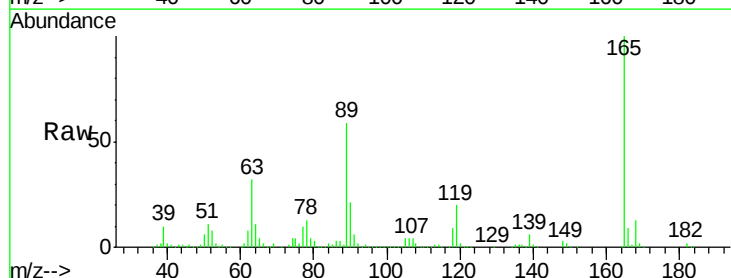
Ion Ratio Lower Upper

165 100

63 32.4 17.8 26.6#

89 58.9 33.2 49.8#

182 2.3 2.1 3.1

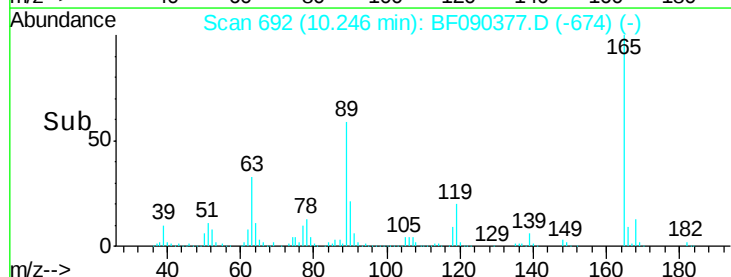
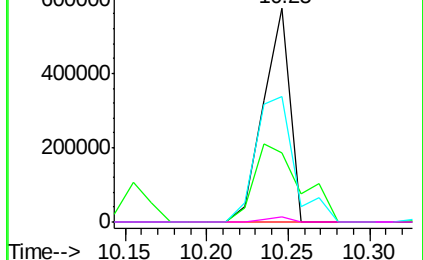


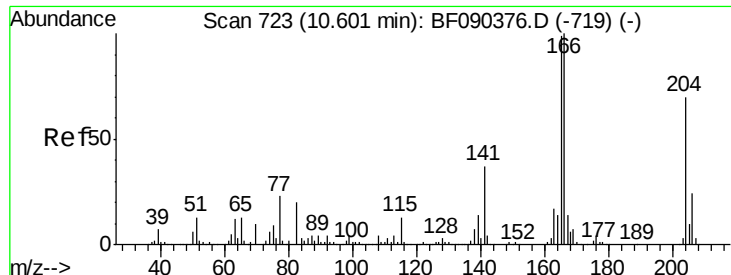
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

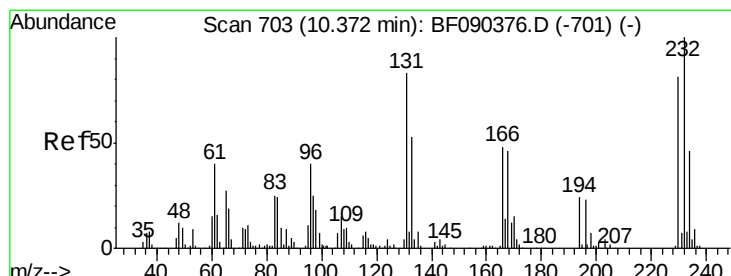
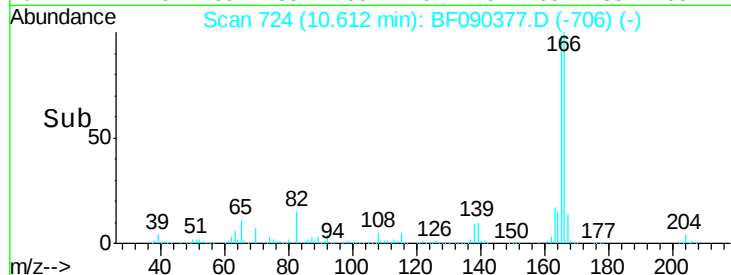
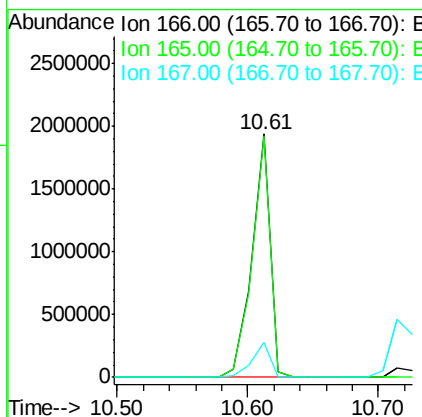
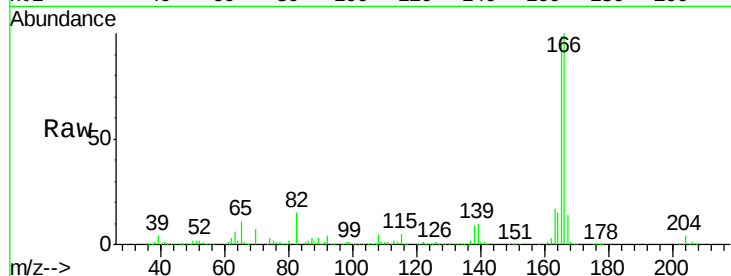




#57
Fluorene
 Concen: 49.43 ng
 RT: 10.61 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

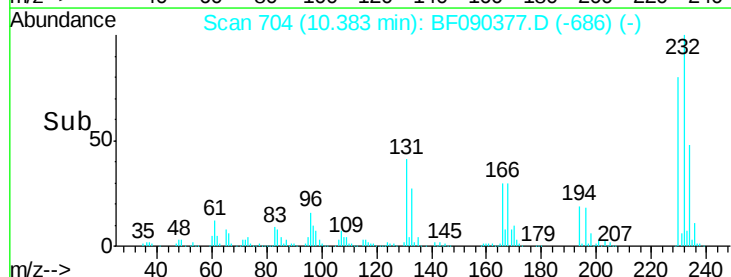
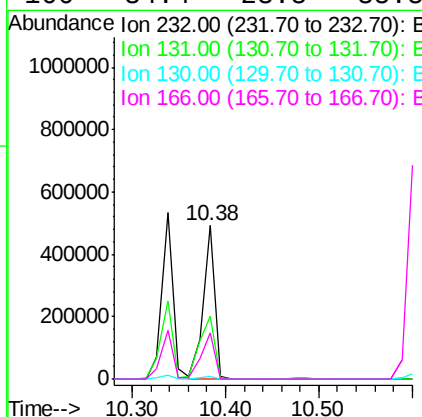
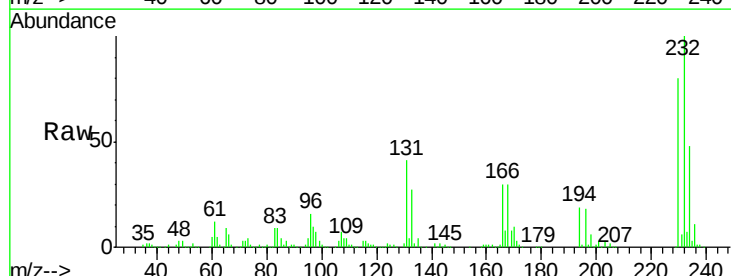
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

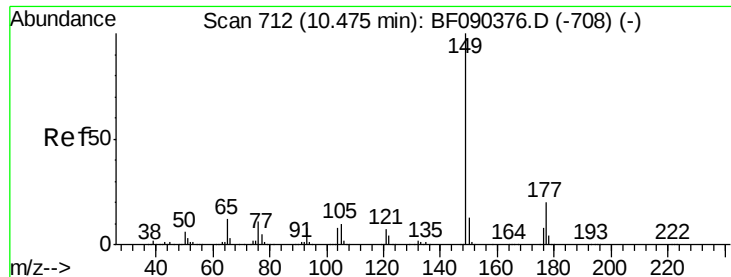
Tot Ion:166 Resp: 1873190
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.2 118.8
 167 14.2 11.1 16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.80 ng
 RT: 10.38 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Tgt Ion:232 Resp: 434115
 Ion Ratio Lower Upper
 232 100
 131 52.0 34.5 51.7#
 130 2.3 1.6 2.4
 166 34.4 23.8 35.8

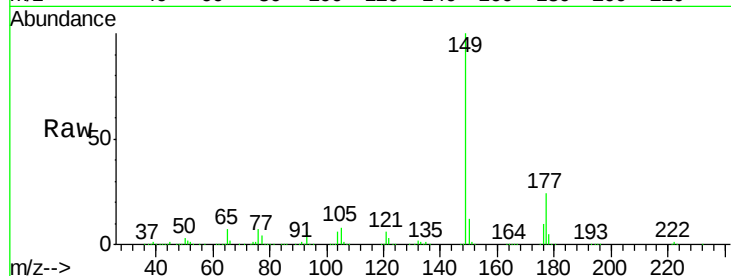




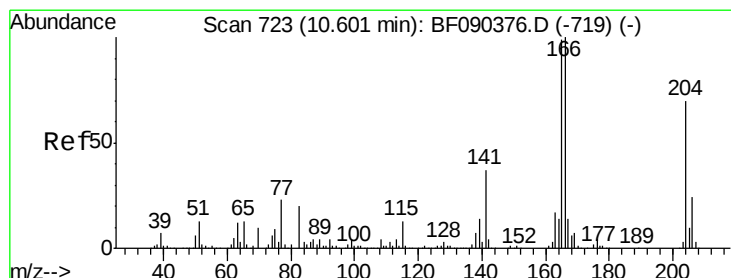
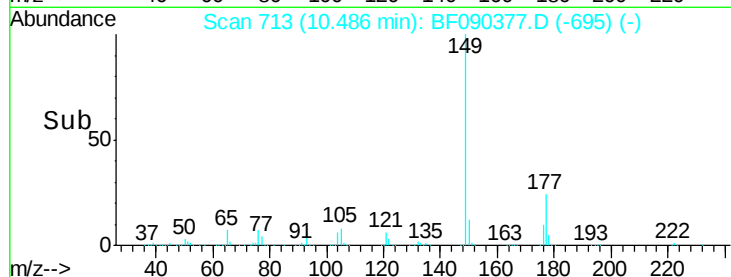
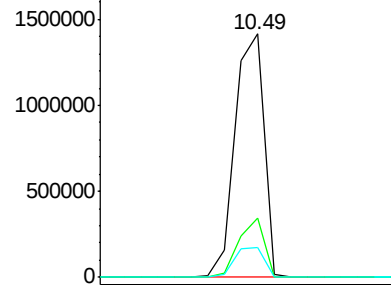
#59
Diethylphthalate
Concen: 50.56 ng
RT: 10.49 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:149 Resp: 1959192
Ion Ratio Lower Upper
149 100
177 24.1 21.1 31.7
150 12.5 10.2 15.2

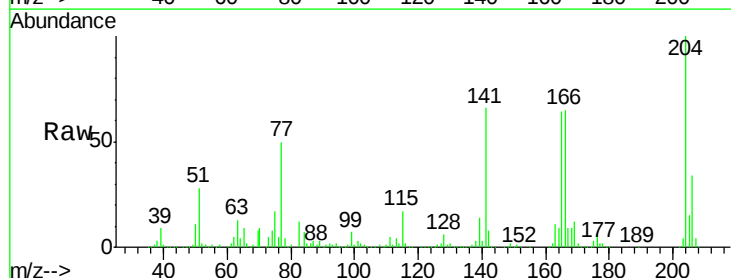


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

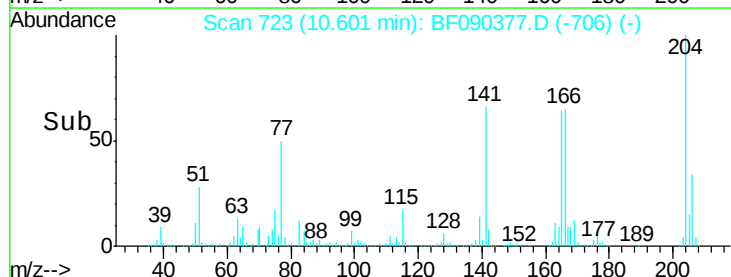
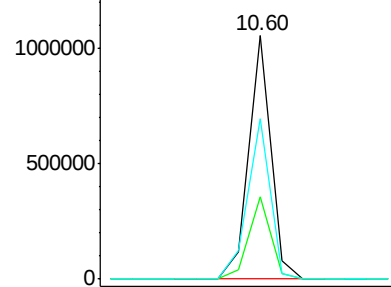


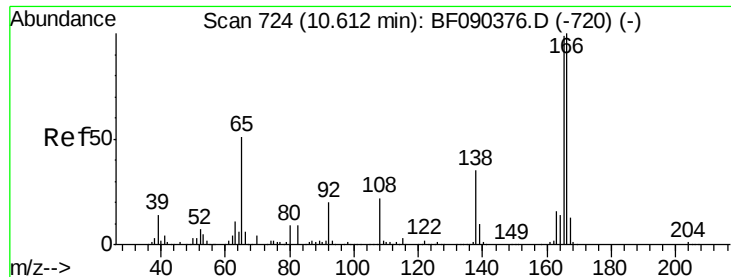
#60
4-Chlorophenyl-phenylether
Concen: 47.82 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion:204 Resp: 859302
Ion Ratio Lower Upper
204 100
206 33.8 26.7 40.1
141 66.1 51.7 77.5



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

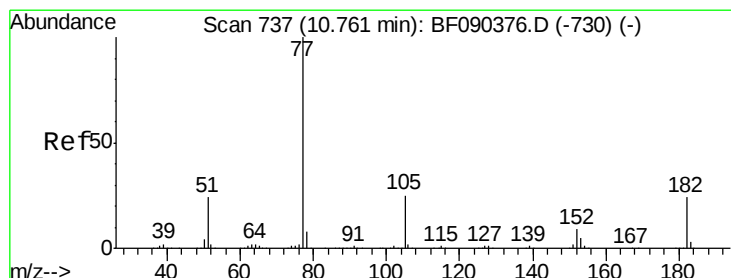
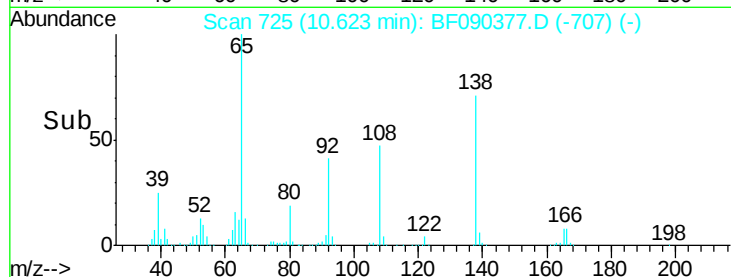
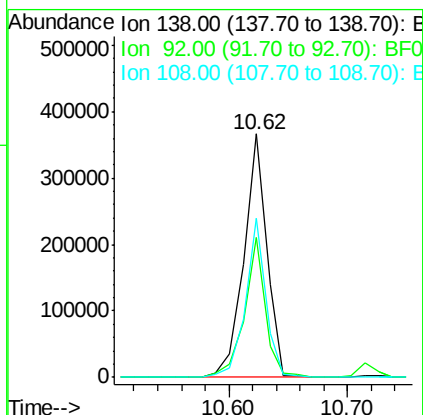
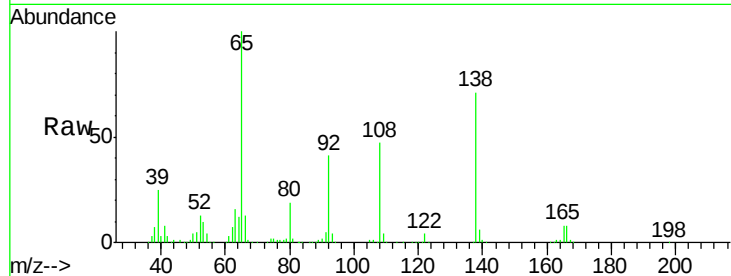




#61
4-Nitroaniline
Concen: 58.86 ng
RT: 10.62 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

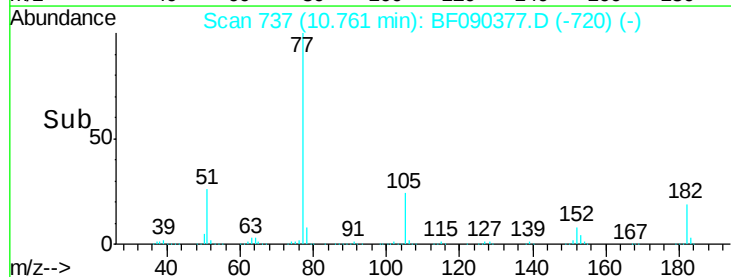
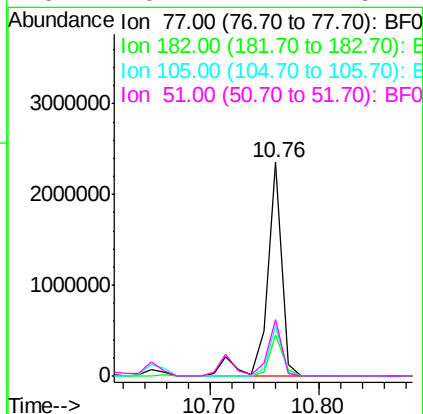
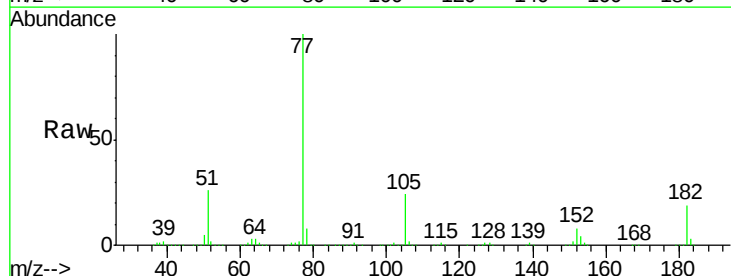
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

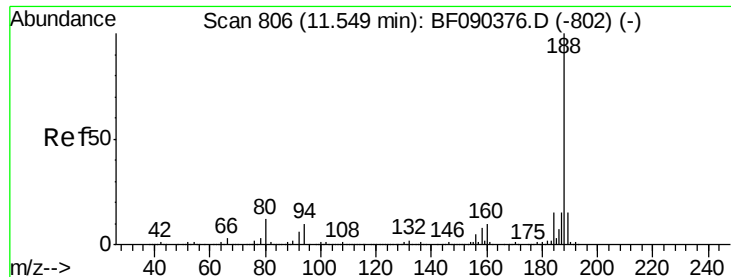
Tot Ion:138 Resp: 497377
Ion Ratio Lower Upper
138 100
92 57.3 33.2 73.2
108 65.4 48.5 88.5



#62
Azobenzene
Concen: 56.23 ng
RT: 10.76 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion: 77 Resp: 2270948
Ion Ratio Lower Upper
77 100
182 18.9 3.2 43.2
105 23.6 2.9 42.9
51 26.2 14.2 54.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.55 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

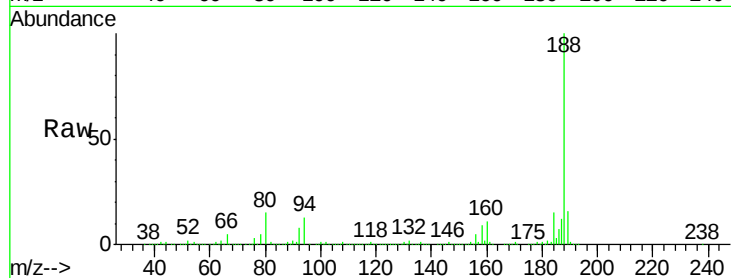
Tot Ion:188 Resp: 996364

Ion Ratio Lower Upper

188 100

94 13.4 8.2 12.2#

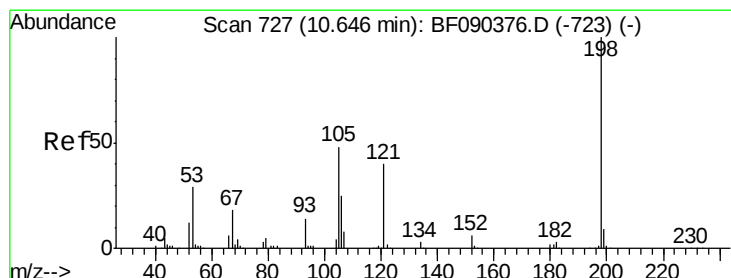
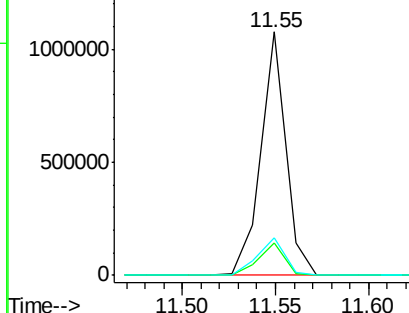
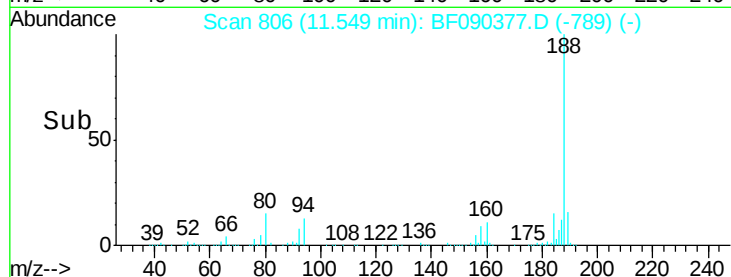
80 15.3 8.8 13.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 84.21 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

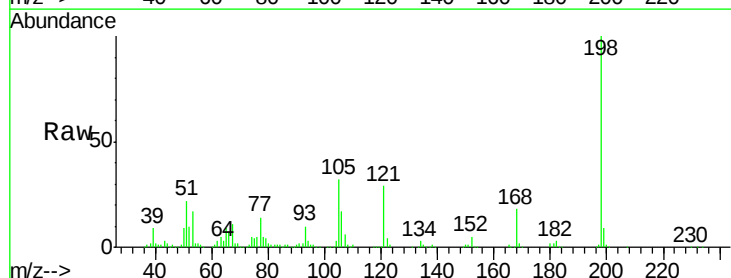
Tgt Ion:198 Resp: 320081

Ion Ratio Lower Upper

198 100

51 22.0 67.3 107.3#

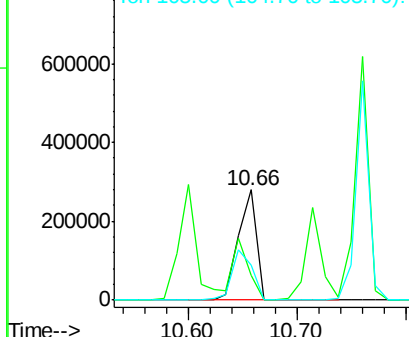
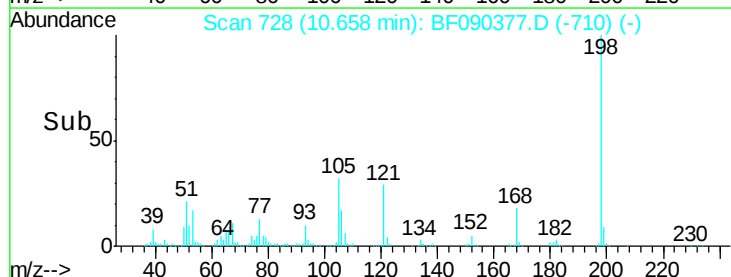
105 32.0 42.6 82.6#

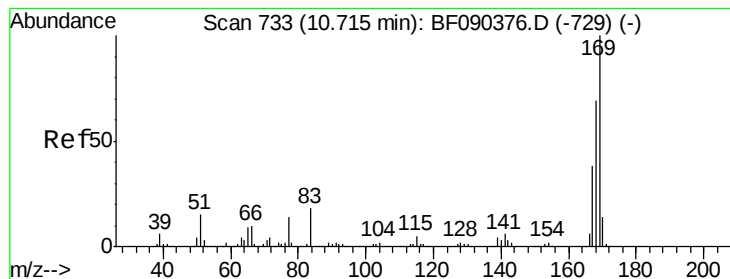


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.09 ng

RT: 10.71 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

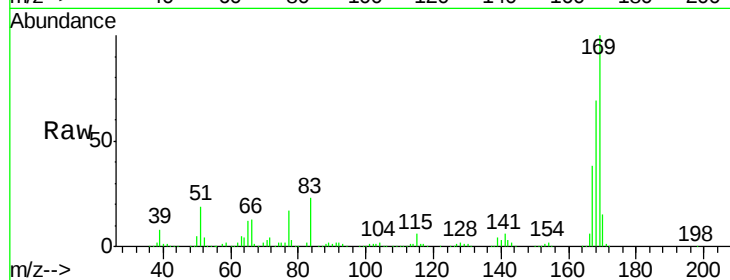
BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:169 Resp: 1565967

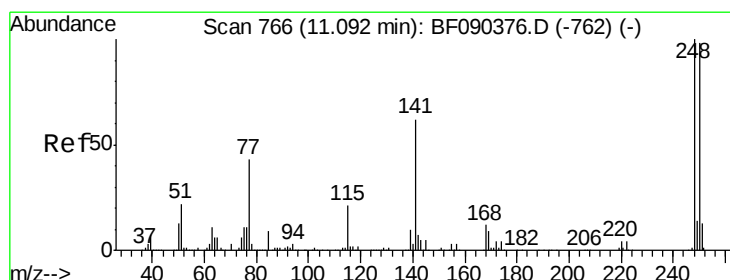
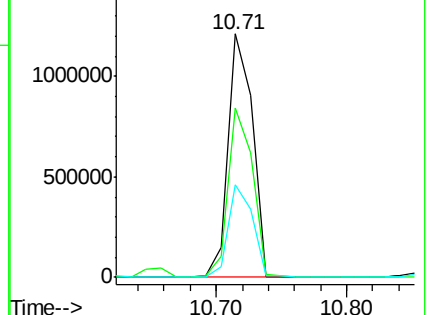
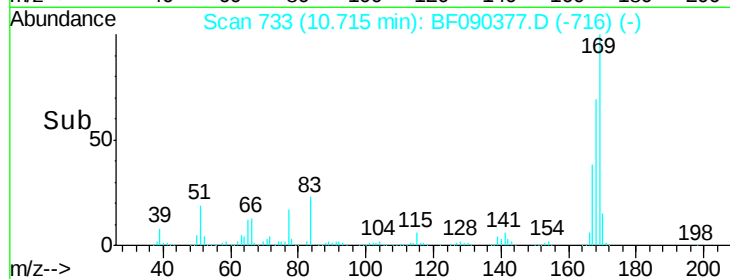
Ion	Ratio	Lower	Upper
169	100		
168	69.4	53.8	80.6
167	38.1	29.8	44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.16 ng

RT: 11.09 min Scan# 766

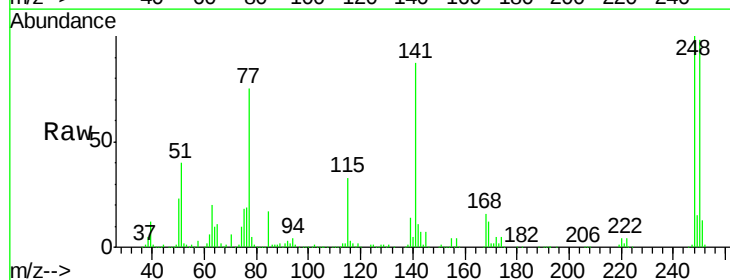
Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Tgt Ion:248 Resp: 496995

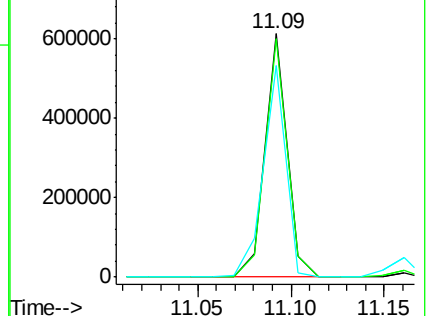
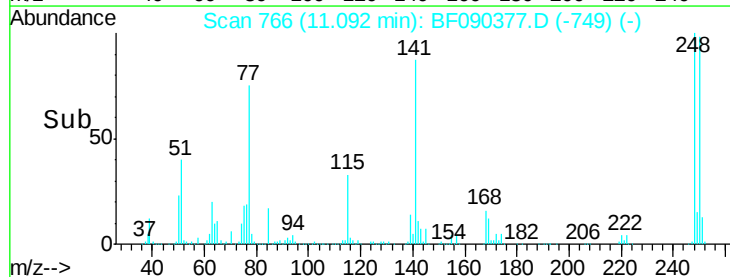
Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.5	114.7
141	86.9	59.8	89.6

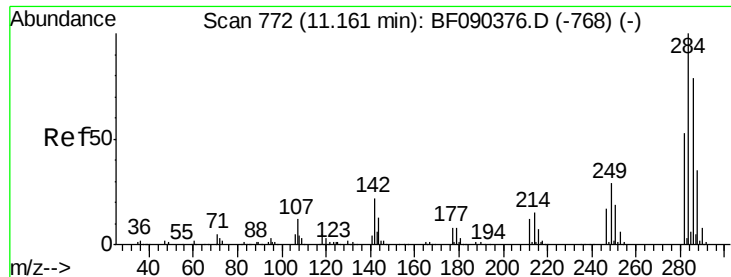


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

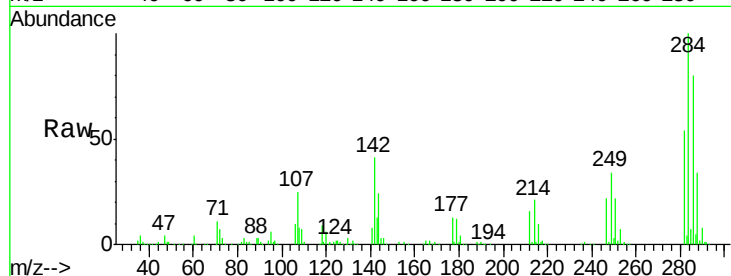




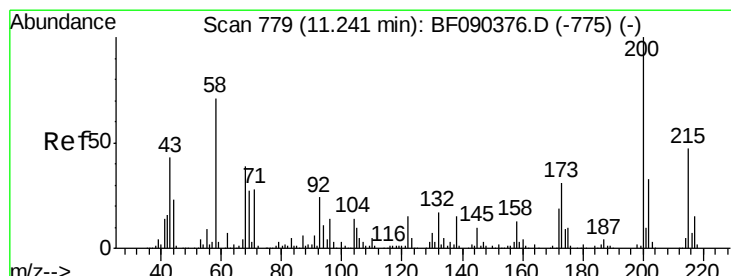
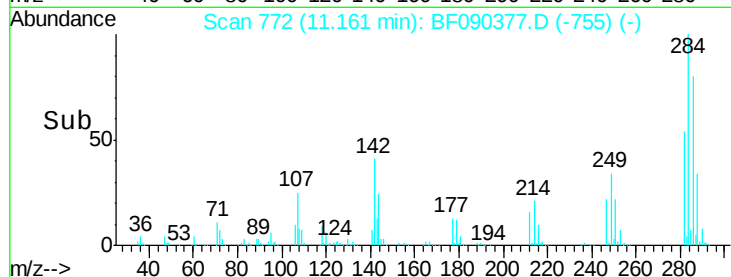
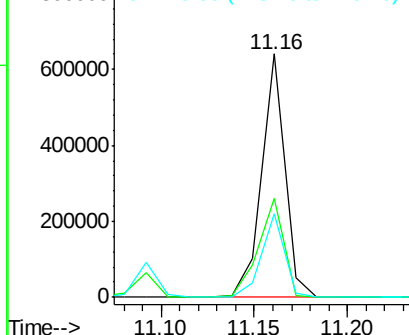
#67
Hexachlorobenzene
Concen: 43.36 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:284 Resp: 548683
Ion Ratio Lower Upper
284 100
142 40.8 23.1 34.7#
249 34.4 26.3 39.5

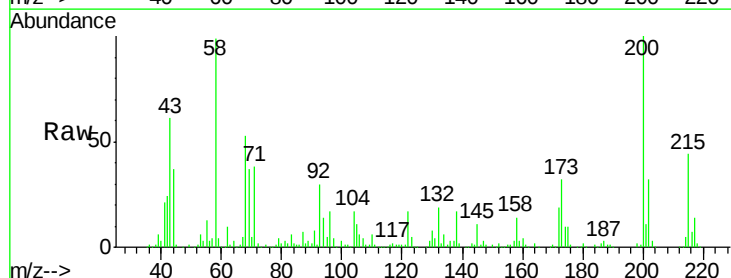


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

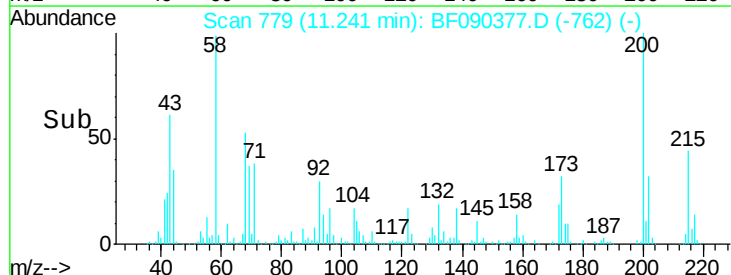
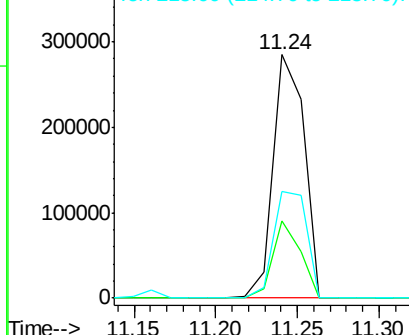


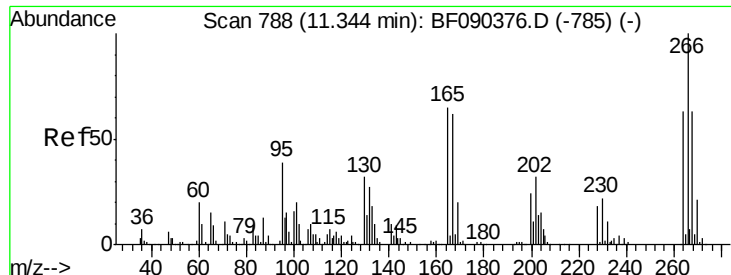
#68
Atrazine
Concen: 46.40 ng
RT: 11.24 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion:200 Resp: 377407
Ion Ratio Lower Upper
200 100
173 31.8 9.0 49.0
215 44.0 24.8 64.8



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

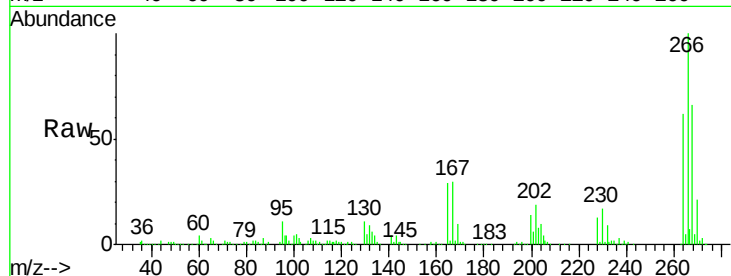




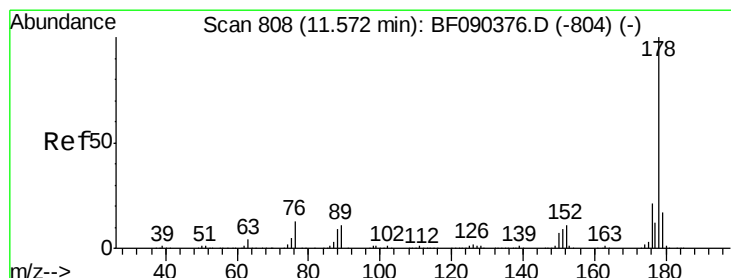
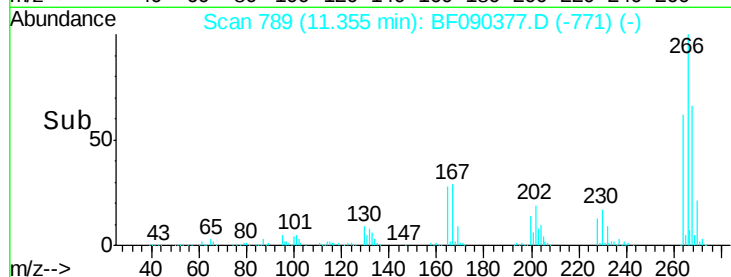
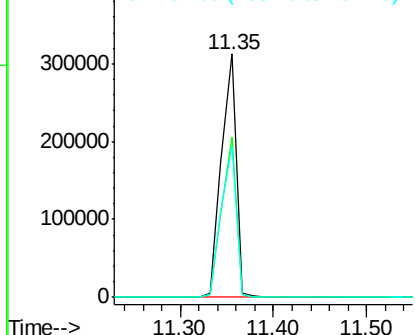
#69
 Pentachlorophenol
 Concen: 48.50 ng
 RT: 11.35 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:266 Resp: 344063
 Ion Ratio Lower Upper
 266 100
 268 65.9 50.9 76.3
 264 62.4 51.5 77.3

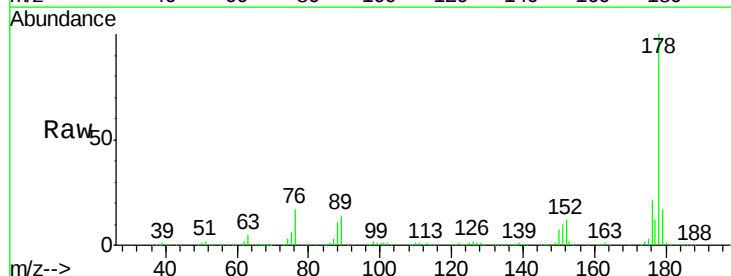


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

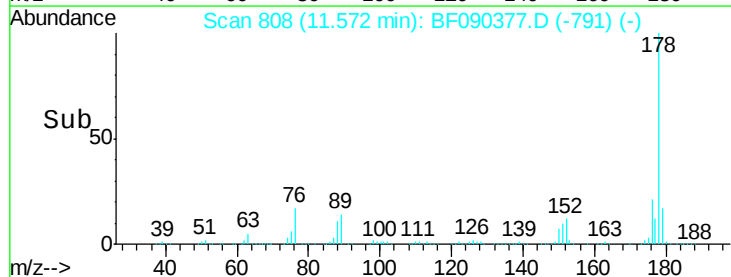
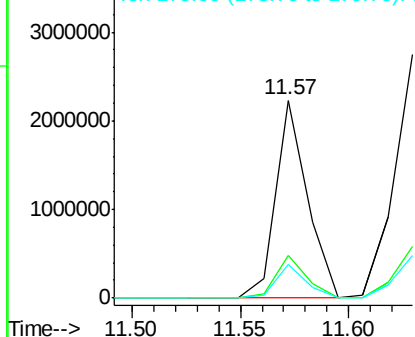


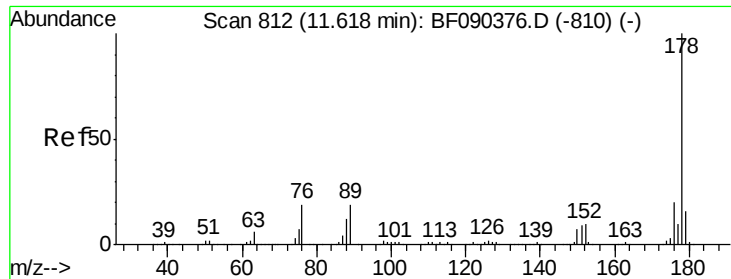
#70
 Phenanthrene
 Concen: 42.50 ng
 RT: 11.57 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Tgt Ion:178 Resp: 2271805
 Ion Ratio Lower Upper
 178 100
 176 21.5 17.3 25.9
 179 17.3 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

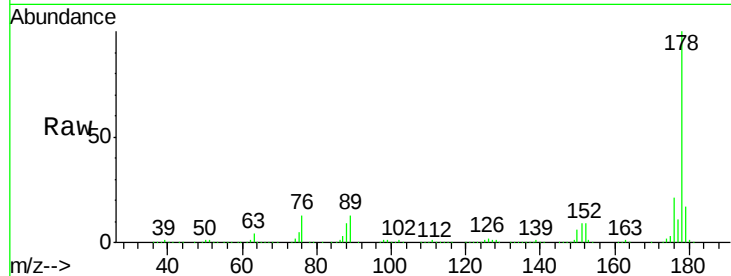




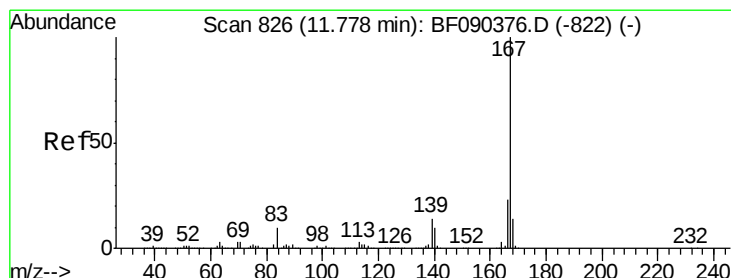
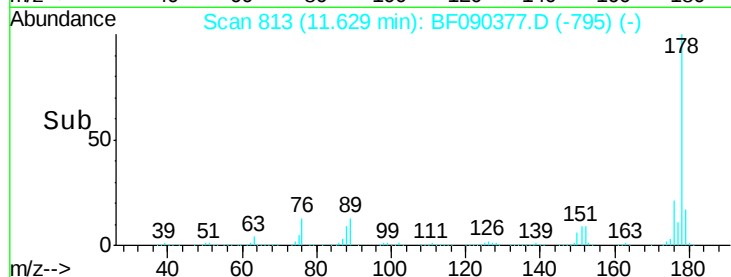
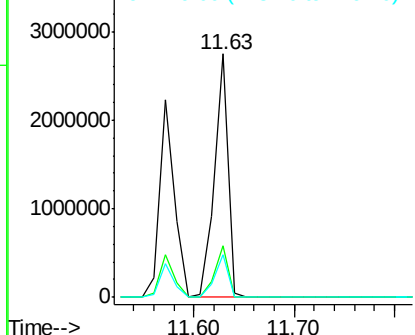
#71
 Anthracene
 Concen: 48.14 ng
 RT: 11.63 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:178 Resp: 2568486
 Ion Ratio Lower Upper
 178 100
 176 21.4 16.8 25.2
 179 17.3 13.4 20.2

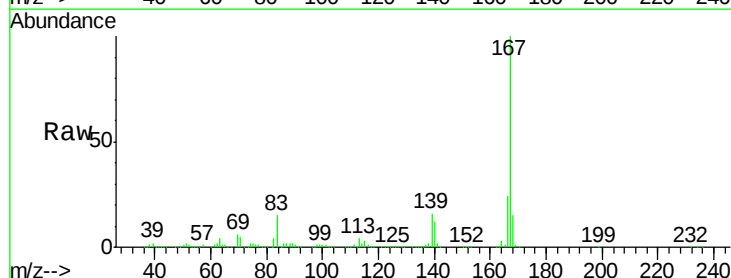


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

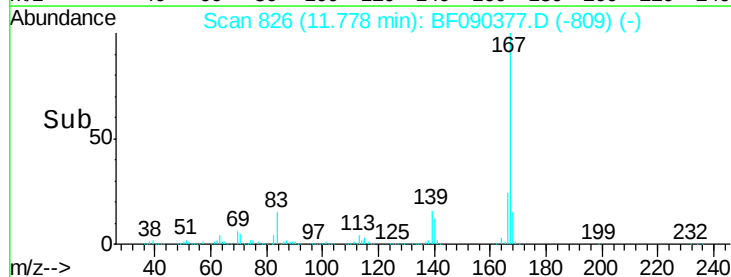
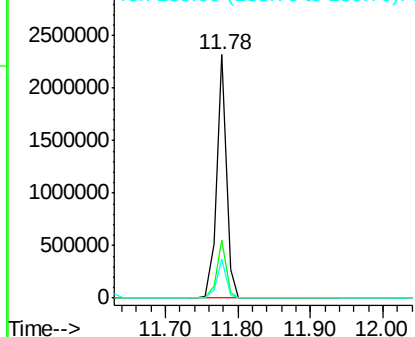


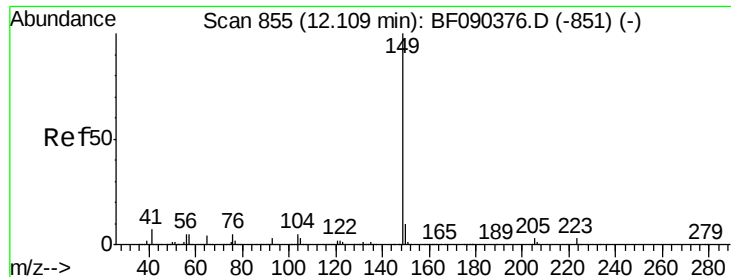
#72
 Carbazole
 Concen: 43.96 ng
 RT: 11.78 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Tgt Ion:167 Resp: 2156362
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.1 28.7
 139 16.2 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: 45.30 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

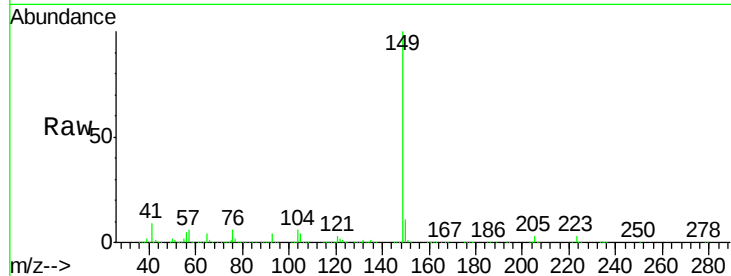
Tot Ion:149 Resp: 2655433

Ion Ratio Lower Upper

149 100

150 11.0 8.6 12.8

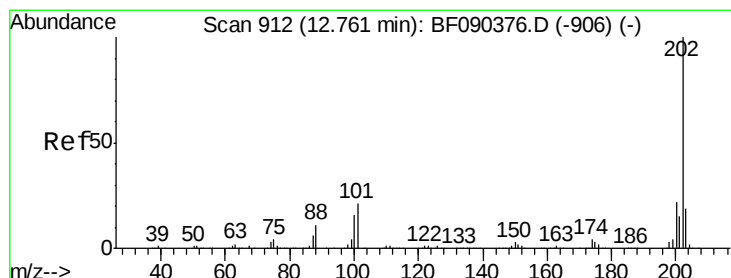
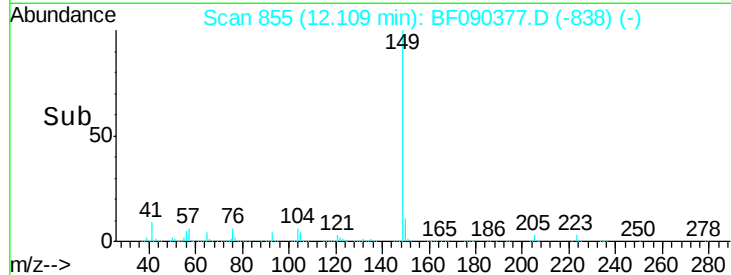
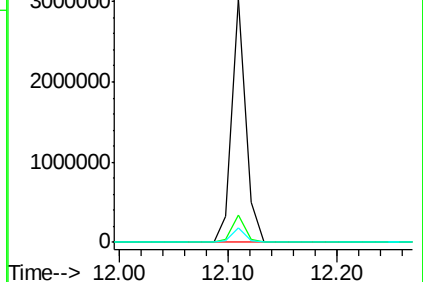
104 6.0 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.84 ng

RT: 12.77 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

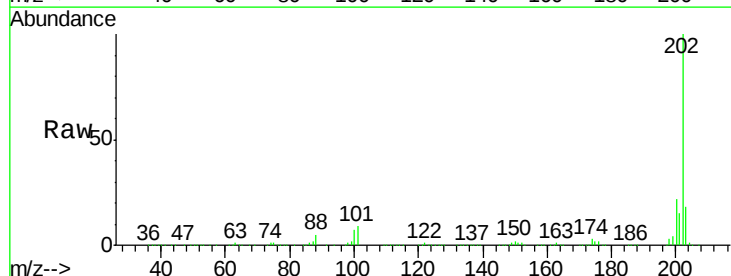
Tgt Ion:202 Resp: 2476379

Ion Ratio Lower Upper

202 100

101 9.5 0.0 37.2

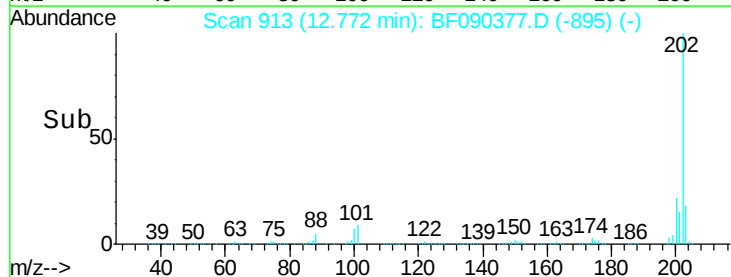
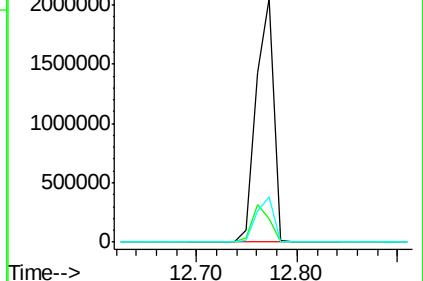
203 18.3 0.0 39.3

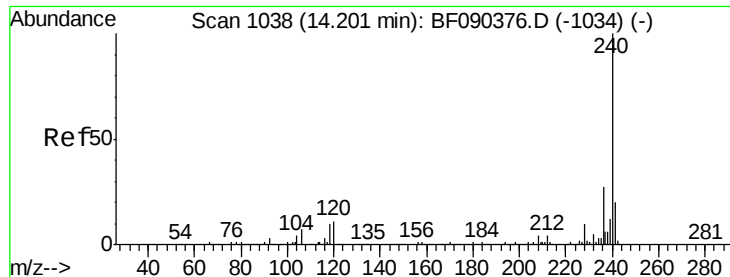


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

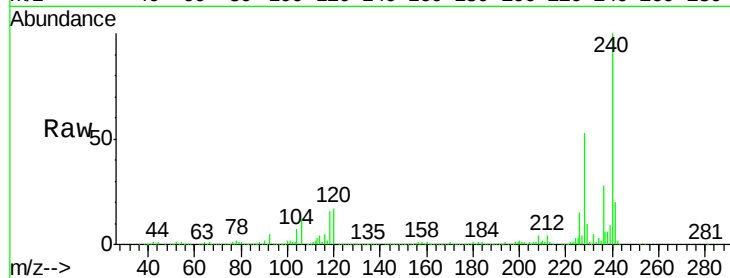
Tot Ion:240 Resp: 806195

Ion Ratio Lower Upper

240 100

120 17.2 8.6 13.0#

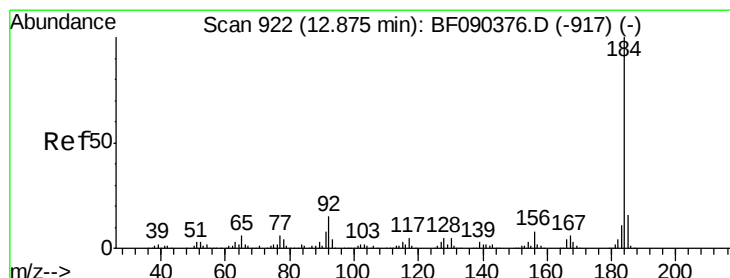
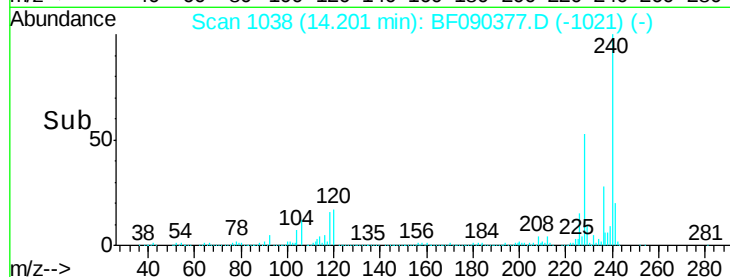
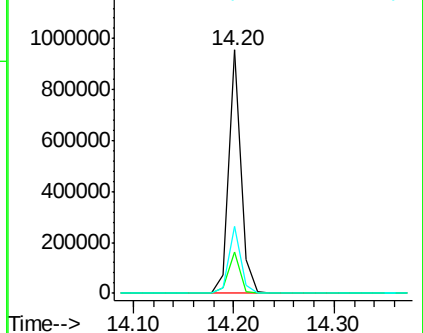
236 27.5 21.6 32.4



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: 49.09 ng

RT: 12.89 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

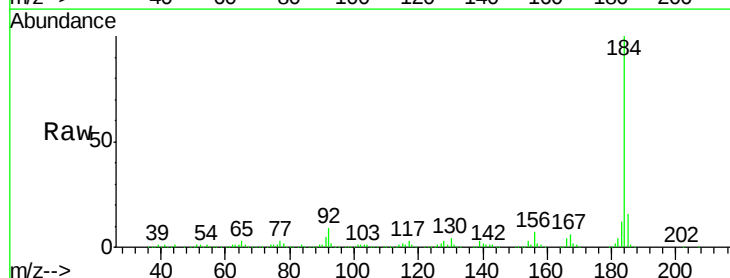
Tgt Ion:184 Resp: 1088243

Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.8

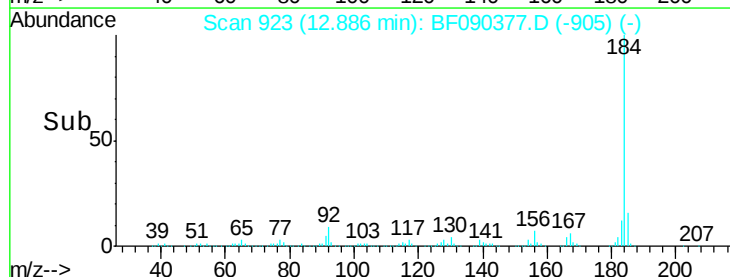
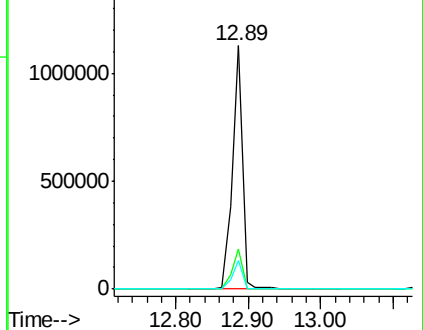
183 11.9 9.6 14.4

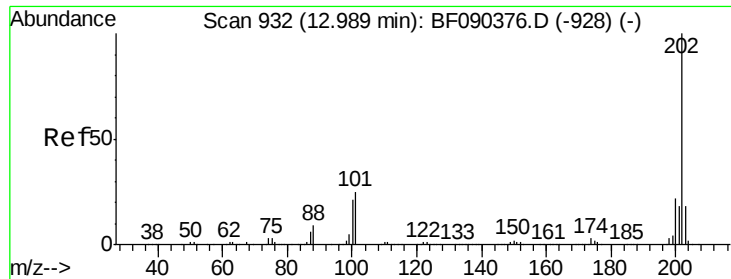


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

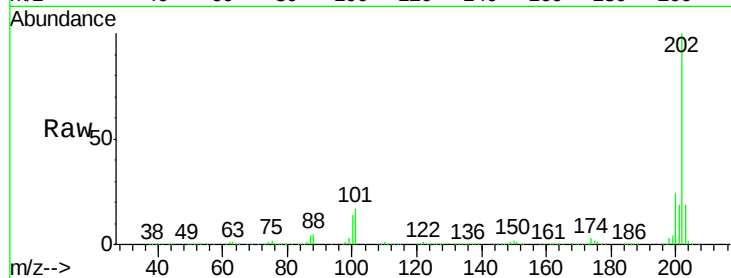




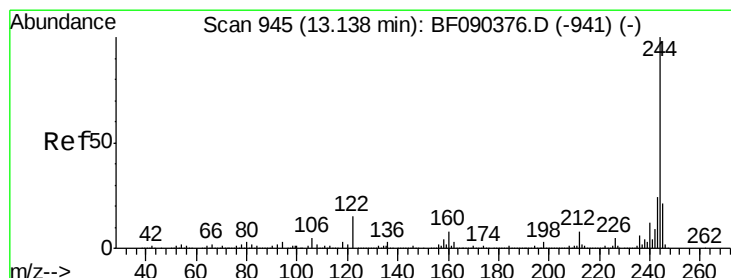
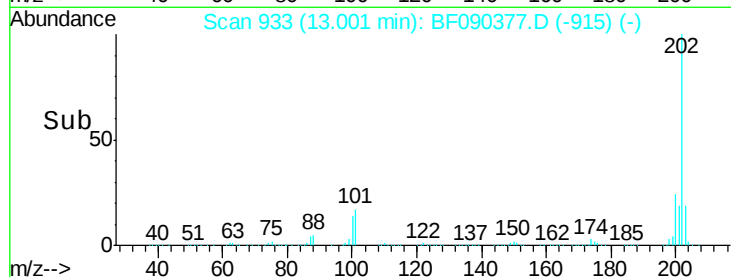
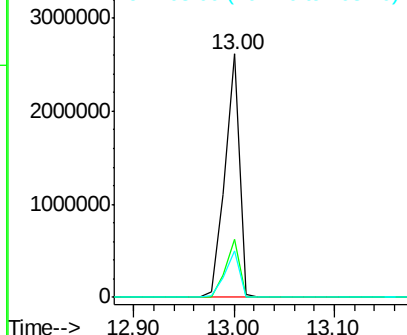
#77
Pvrene
Concen: 50.70 ng
RT: 13.00 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:202 Resp: 2616950
Ion Ratio Lower Upper
202 100
200 23.8 18.5 27.7
203 19.3 15.0 22.6

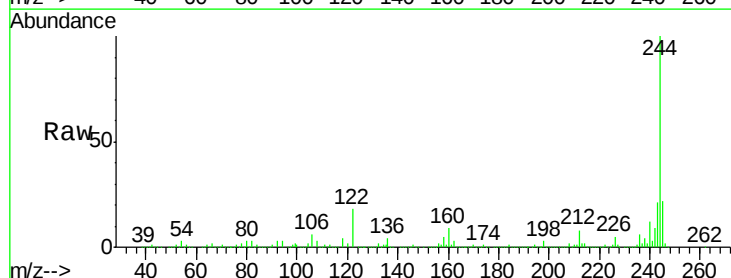


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

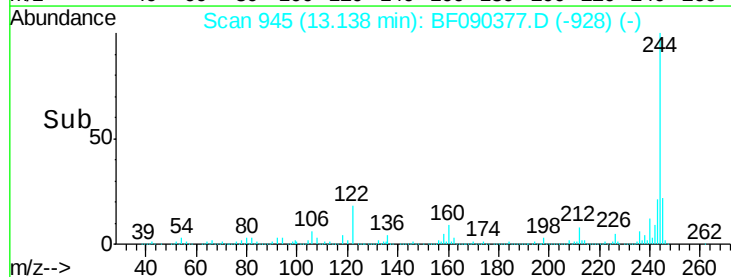
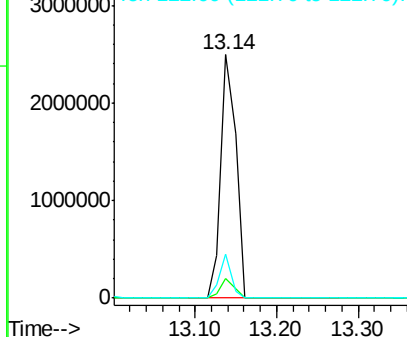


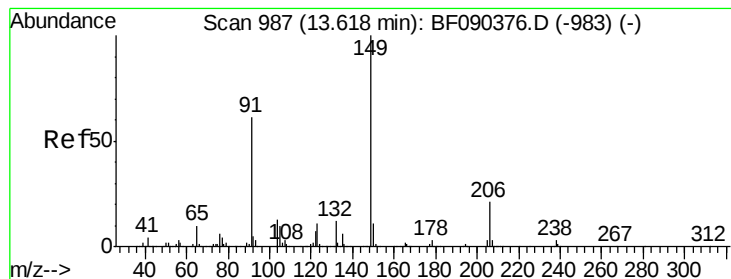
#78
Terphenyl-d14
Concen: 91.83 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion:244 Resp: 3180077
Ion Ratio Lower Upper
244 100
212 8.1 6.8 10.2
122 18.2 13.3 19.9



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





#79

Butylbenzylphthalate

Concen: 65.33 ng

RT: 13.62 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

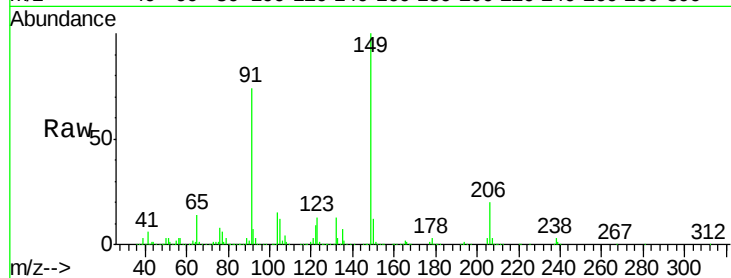
Tot Ion:149 Resp: 1329171

Ion Ratio Lower Upper

149 100

91 73.7 51.8 77.8

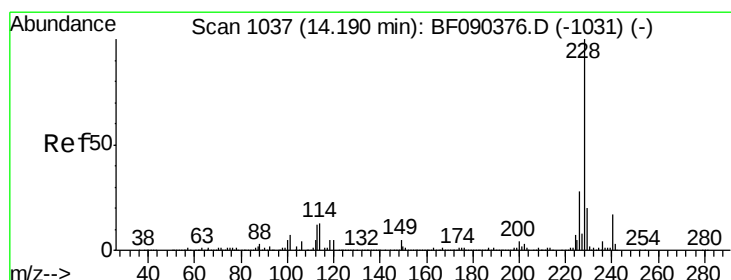
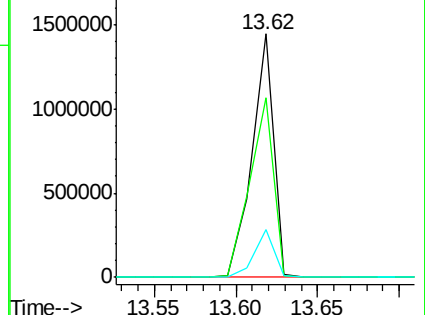
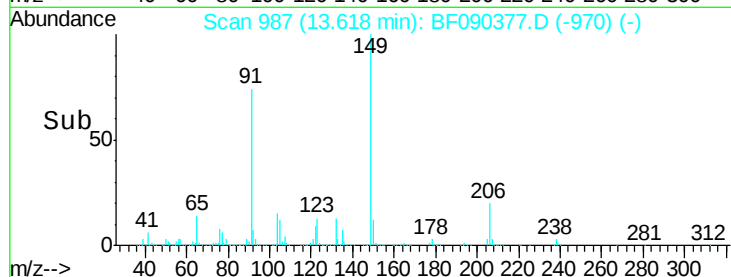
206 19.6 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.40 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

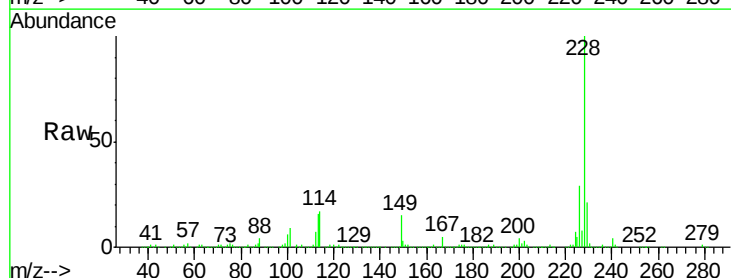
Tgt Ion:228 Resp: 2052555

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

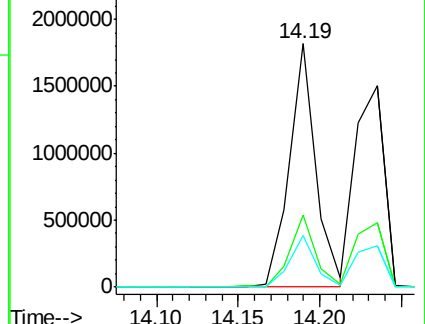
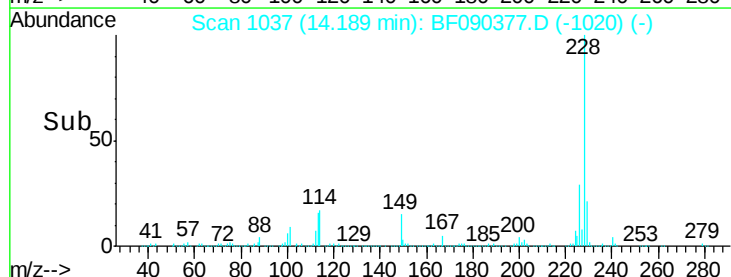
229 21.1 16.6 25.0

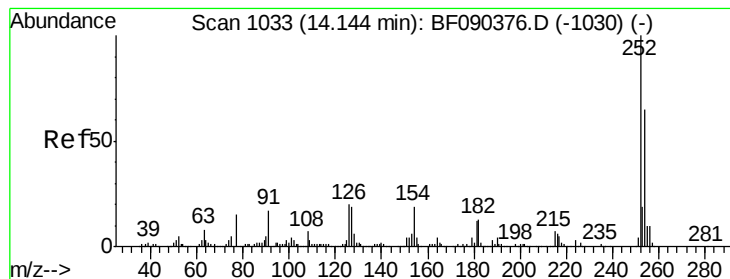


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

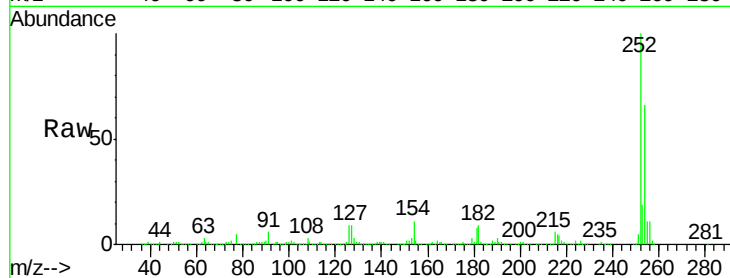




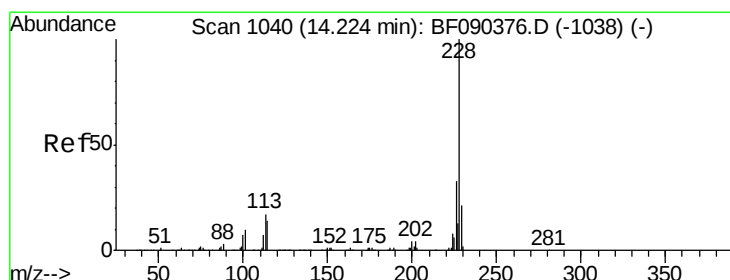
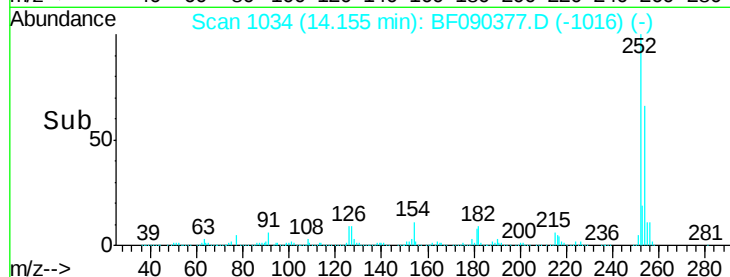
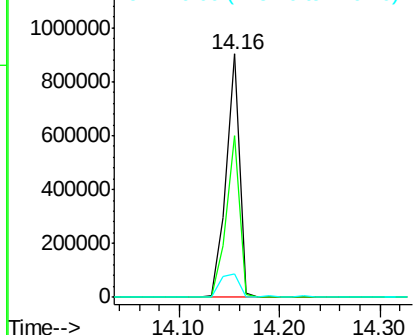
#81
 3,3'-Dichlorobenzidine
 Concen: 54.07 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:252 Resp: 842094
 Ion Ratio Lower Upper
 252 100
 254 66.4 52.1 78.1
 126 9.5 4.2 6.4#

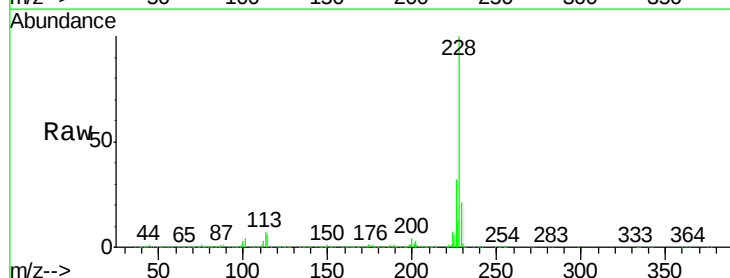


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

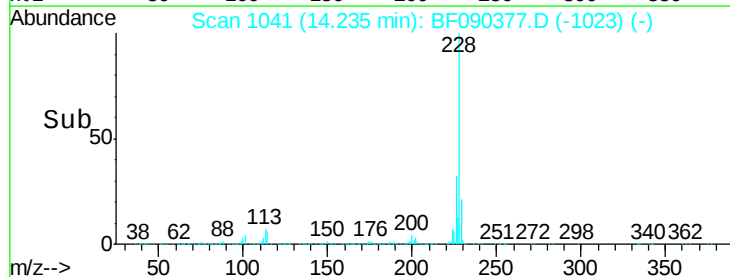
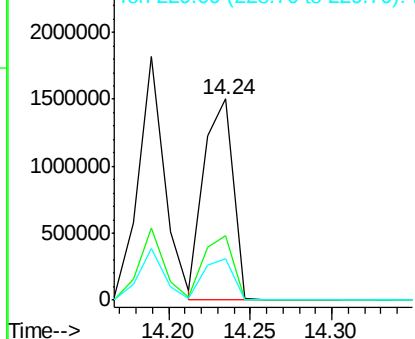


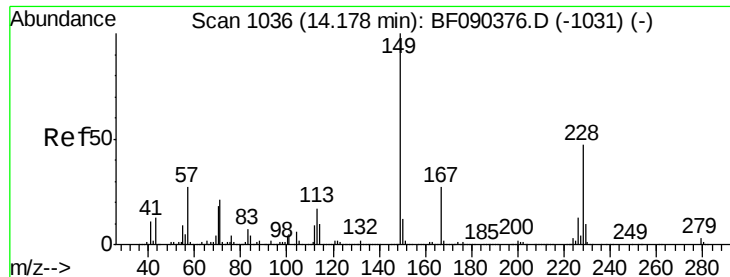
#82
 Chrysene
 Concen: 44.62 ng
 RT: 14.24 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Tgt Ion:228 Resp: 1890055
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.8 38.6
 229 20.6 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

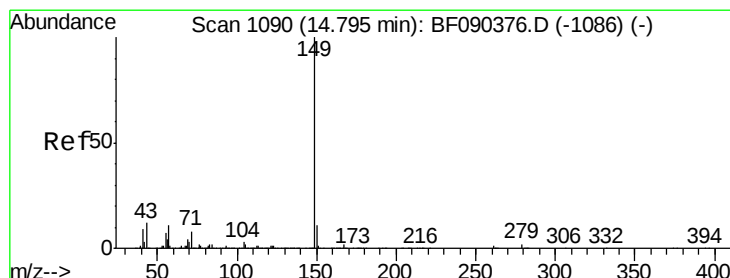
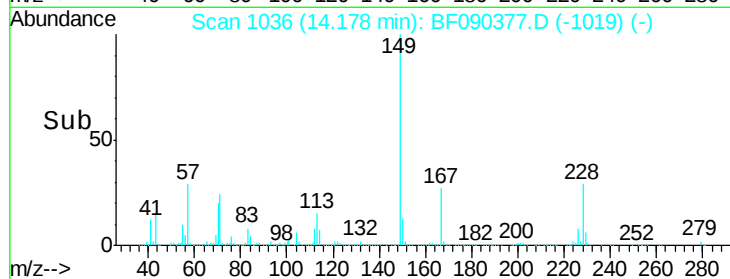
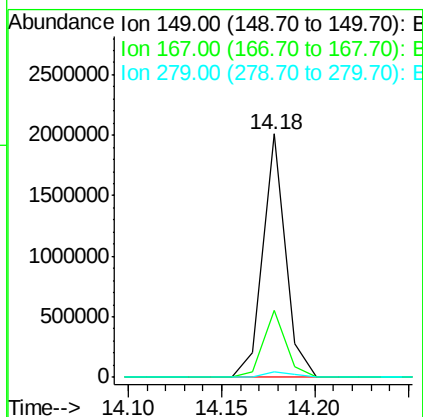
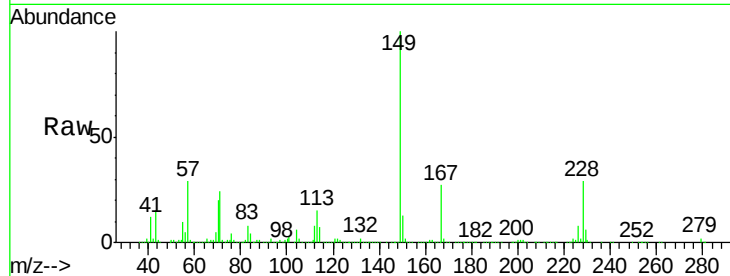




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.89 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

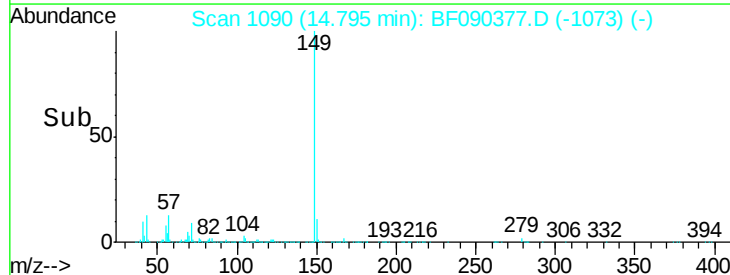
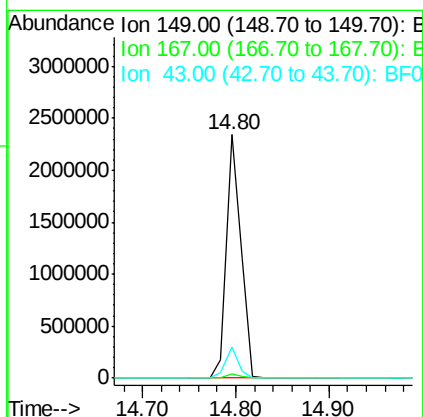
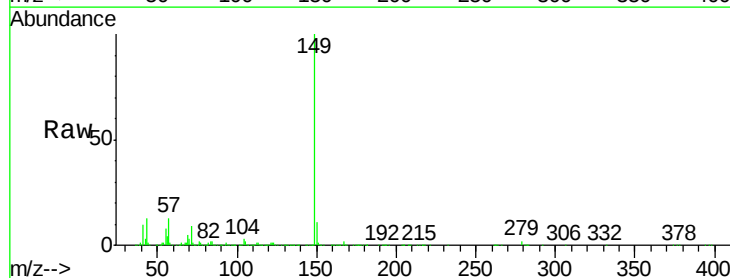
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

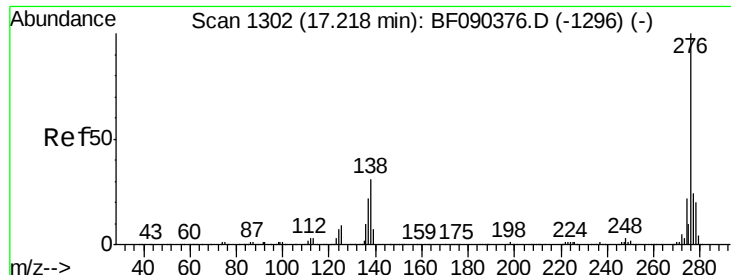
Tot Ion:149 Resp: 1721238
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.5 32.3
 279 2.5 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 53.67 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Tgt Ion:149 Resp: 2537933
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.8 11.8 17.8#

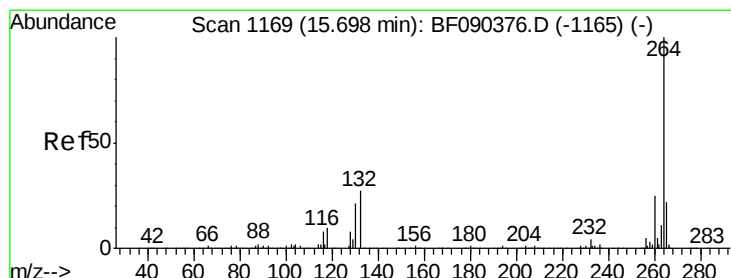
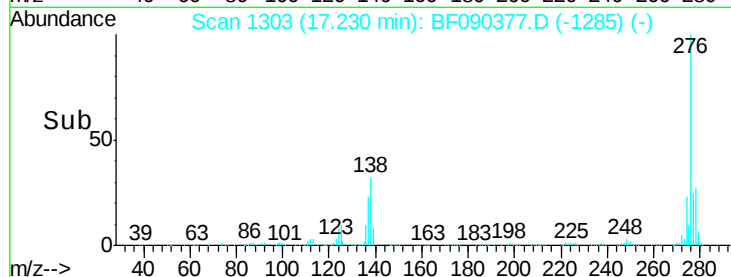
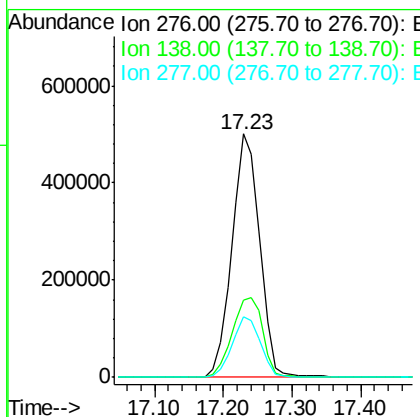
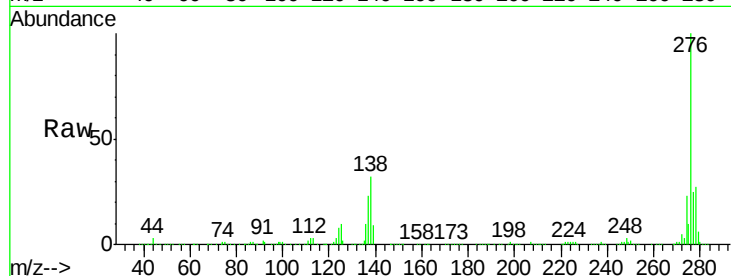




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.96 ng
 RT: 17.23 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

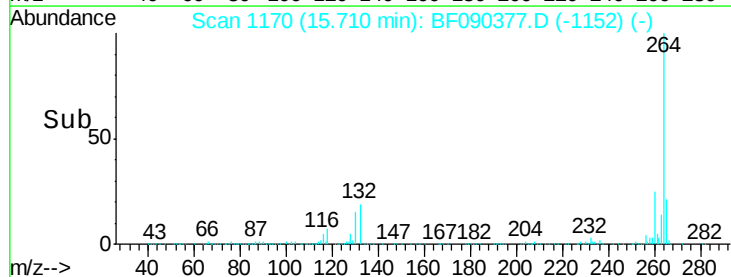
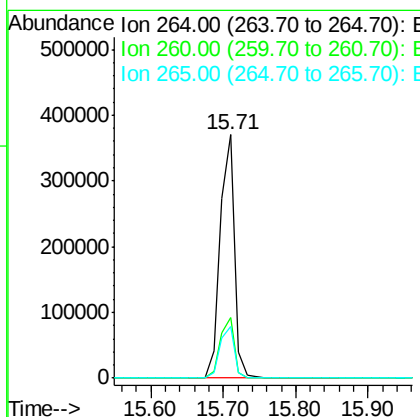
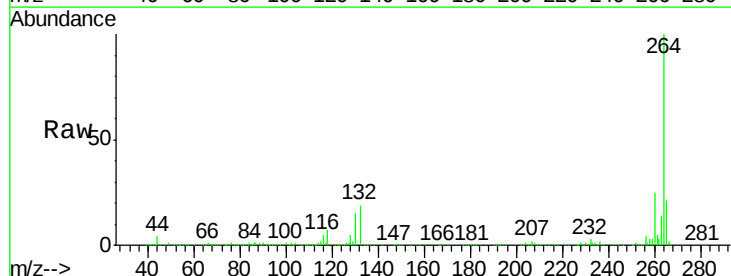
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

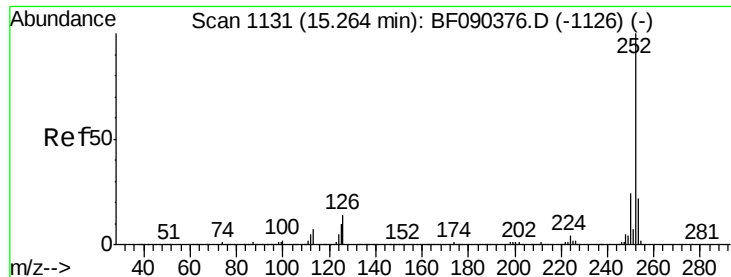
Tot Ion:276 Resp: 1409581
 Ion Ratio Lower Upper
 276 100
 138 36.0 23.8 35.8#
 277 25.4 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.71 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Tgt Ion:264 Resp: 506092
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.3 28.9
 265 21.2 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 51.22 ng

RT: 15.26 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

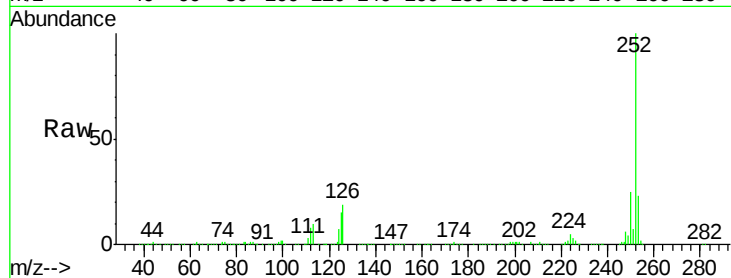
Tot Ion:252 Resp: 1490836

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

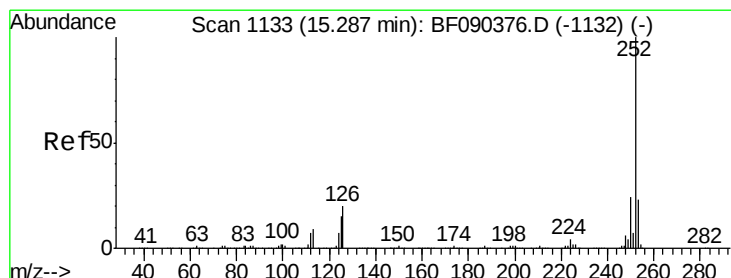
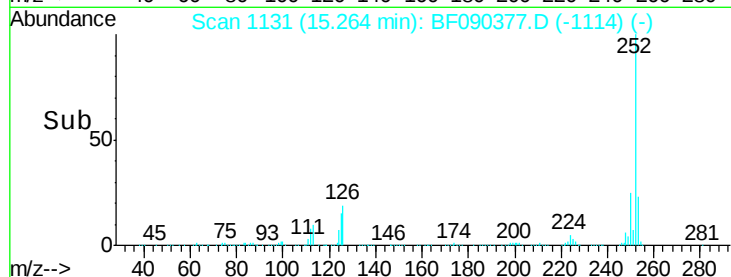
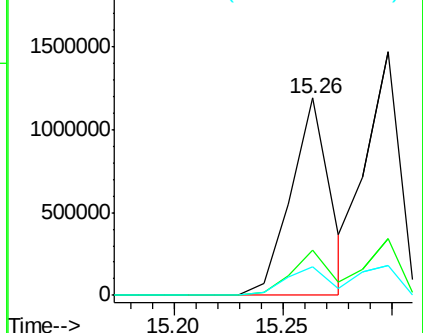
125 14.7 7.0 10.4#



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: 56.96 ng

RT: 15.30 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BF090377.D

Acq: 5 Oct 2016 13:20

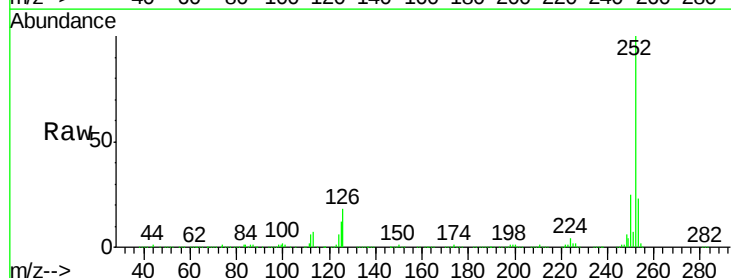
Tgt Ion:252 Resp: 1583398

Ion Ratio Lower Upper

252 100

253 23.1 18.6 27.8

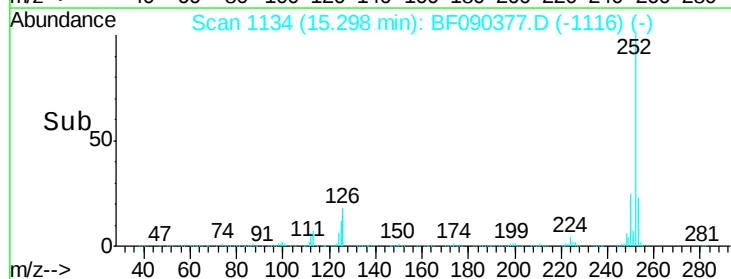
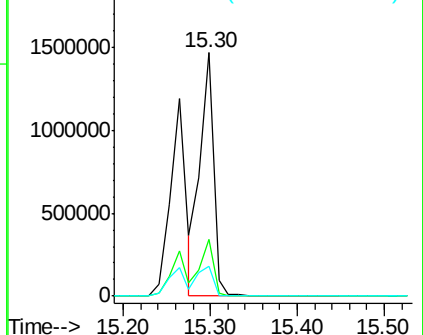
125 12.3 11.7 17.5

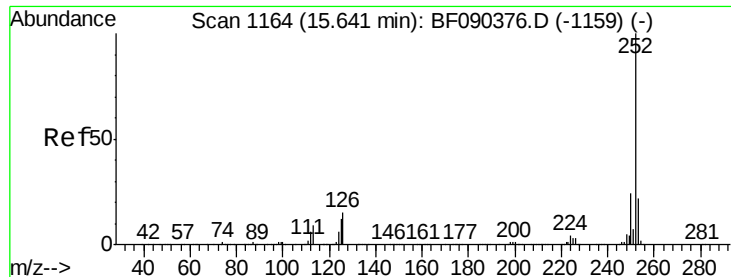


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

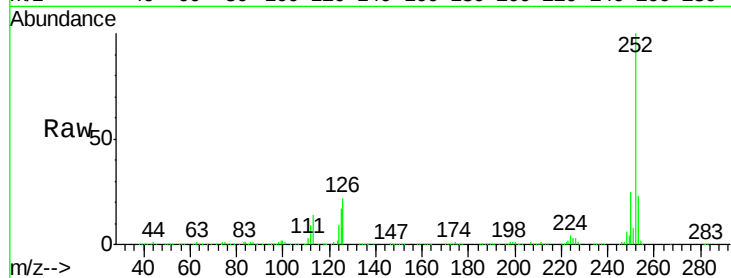




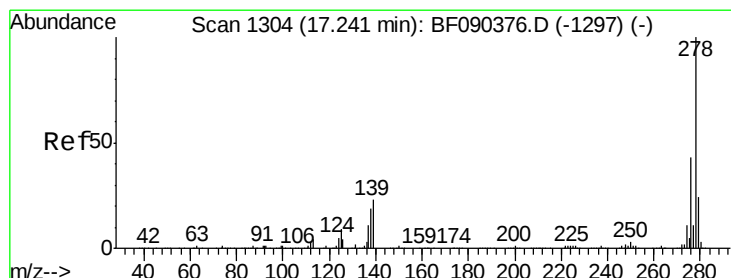
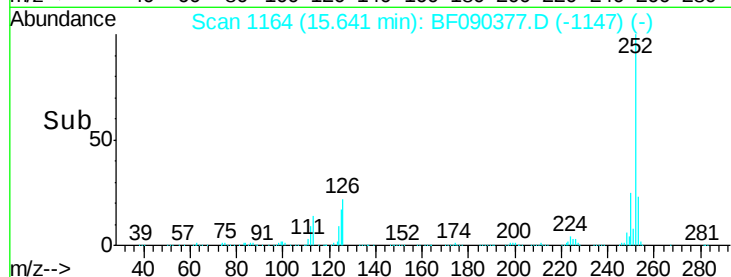
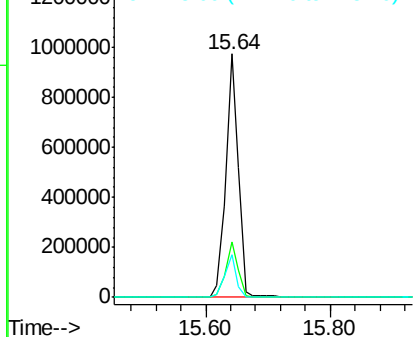
#89
Benzo(a)pyrene
Concen: 50.55 ng
RT: 15.64 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:252 Resp: 1341918
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 17.5 9.8 14.8#

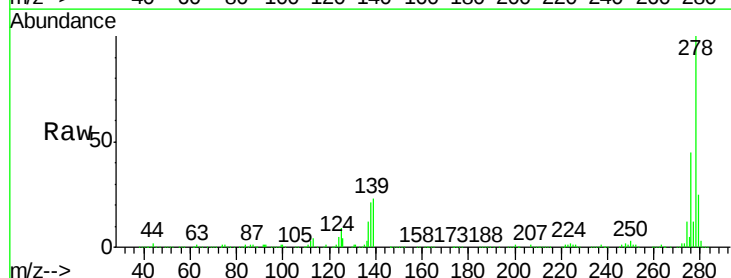


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

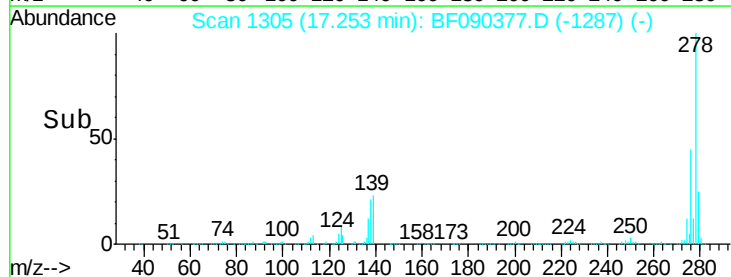
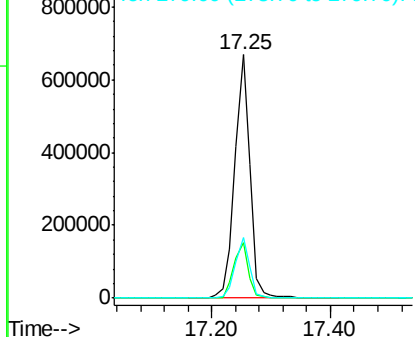


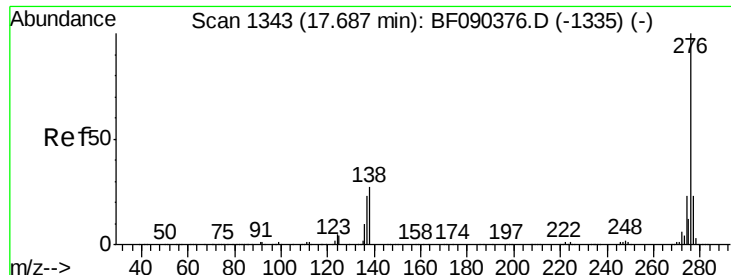
#90
Dibenzo(a,h)anthracene
Concen: 45.40 ng
RT: 17.25 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF090377.D
Acq: 5 Oct 2016 13:20

Tgt Ion:278 Resp: 1181724
Ion Ratio Lower Upper
278 100
139 22.7 12.8 19.2#
279 24.9 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

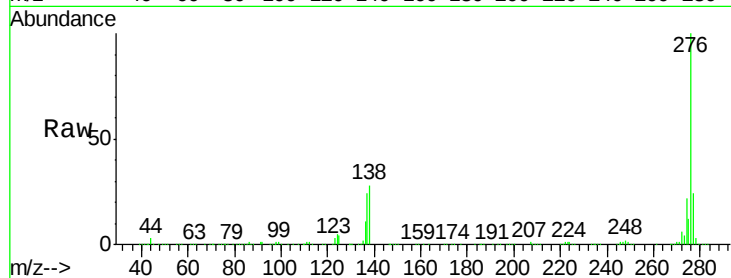




#91
 Benzo(a,h,i)perylene
 Concen: 44.42 ng
 RT: 17.70 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF090377.D
 Acq: 5 Oct 2016 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:276 Resp: 1132542
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.4 29.0
 138 28.3 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

