

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080091.D
 Acq On : 20 Jun 2015 9:50
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 22 00:58:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	46980	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	193051	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	102191	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	216486	20.00	ng	-0.01
75) Chrysene-d12	14.89	240	243975	20.00	ng	0.03
86) Perylene-d12	16.79	264	227846	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	222646	83.89	ng	0.00
7) Phenol-d6	6.93	99	294033	83.26	ng	-0.01
23) Nitrobenzene-d5	7.89	82	296499	89.41	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	90866	90.93	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	530223	73.99	ng	-0.01
78) Terphenyl-d14	13.60	244	802112	76.78	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	51318	40.68	ng	84
3) Pyridine	4.02	79	124004	36.96	ng	# 82
4) n-Nitrosodimethylamine	3.93	42	65567	41.12	ng	97
6) Aniline	6.98	93	214009	44.05	ng	92
8) 2-Chlorophenol	7.11	128	129294	42.15	ng	85
9) Benzaldehyde	6.88	77	83583	41.00	ng	91
10) Phenol	6.95	94	151466	39.30	ng	88
11) bis(2-Chloroethyl)ether	7.05	93	118255	38.67	ng	84
12) 1,3-Dichlorobenzene	7.51	146	144062	39.10	ng	98
13) 1,4-Dichlorobenzene	7.51	146	144080	41.11	ng	98
14) 1,2-Dichlorobenzene	7.51	146	144080	42.25	ng	98
15) Benzyl Alcohol	7.45	79	118861	41.16	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.60	45	212955	46.92	ng	85
17) 2-Methylphenol	7.57	107	103987	39.69	ng	# 89
18) Hexachloroethane	7.85	117	51223	43.90	ng	# 88
19) n-Nitroso-di-n-propylamine	7.73	70	101916	41.56	ng	# 77
20) 3+4-Methylphenols	7.72	107	149313	44.16	ng	92
22) Acetophenone	7.73	105	185759	41.29	ng	# 80
24) Nitrobenzene	7.91	77	144833	42.32	ng	# 77
25) Isophorone	8.14	82	252975	37.91	ng	# 84
26) 2-Nitrophenol	8.23	139	71061	49.60	ng	# 75
27) 2,4-Dimethylphenol	8.25	122	122268	40.93	ng	86
28) bis(2-Chloroethoxy)methane	8.34	93	161884	41.29	ng	# 92
29) 2,4-Dichlorophenol	8.47	162	116514	45.54	ng	98
30) 1,2,4-Trichlorobenzene	8.56	180	137715	47.40	ng	99
31) Naphthalene	8.64	128	404533	40.08	ng	98
32) Benzoic acid	8.31	122	71869	39.79	ng	# 68
33) 4-Chloroaniline	8.68	127	208240	48.21	ng	# 84
34) Hexachlorobutadiene	8.77	225	76456	42.74	ng	99
35) Caprolactam	9.02	113	33242	40.03	ng	# 77
36) 4-Chloro-3-methylphenol	9.14	107	111606	38.68	ng	# 72
37) 2-Methylnaphthalene	9.34	142	290782	44.54	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	136360	45.85	ng	98
40) Hexachlorocyclopentadiene	9.50	237	45798	33.84	ng	97

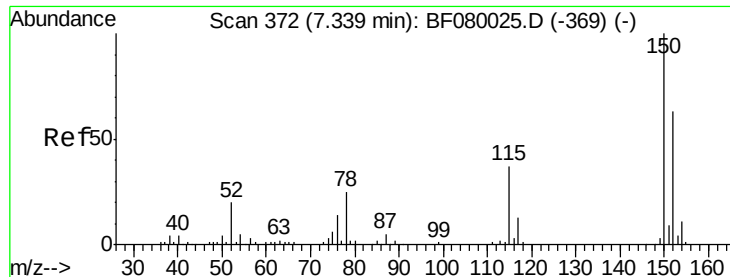
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	94843	46.87	ng	99
43) 2,4,5-Trichlorophenol	9.65	196	92038	39.48	ng #	88
45) 1,1'-Biphenyl	9.81	154	332774	40.02	ng	94
46) 2-Chloronaphthalene	9.83	162	269701	39.98	ng #	93
47) 2-Nitroaniline	9.91	65	73633	39.76	ng #	56
48) Acenaphthylene	10.25	152	461055	40.95	ng	97
49) Dimethylphthalate	10.09	163	320967	41.78	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	60883	39.53	ng #	38
51) Acenaphthene	10.42	154	270993	39.34	ng	89
52) 3-Nitroaniline	10.32	138	72864	41.00	ng #	47
53) 2,4-Dinitrophenol	10.44	184	21653	37.85	ng #	1
54) Dibenzofuran	10.60	168	378852	38.76	ng #	86
55) 4-Nitrophenol	10.47	139	63208	44.50	ng #	70
56) 2,4-Dinitrotoluene	10.56	165	94299	48.25	ng #	88
57) Fluorene	10.95	166	334636	43.15	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	79316	40.30	ng	98
59) Diethylphthalate	10.79	149	303162	39.19	ng	96
60) 4-Chlorophenyl-phenylether	10.93	204	150575	40.40	ng #	85
61) 4-Nitroaniline	10.94	138	77653	42.31	ng #	46
62) Azobenzene	11.09	77	316954	40.25	ng	86
64) 4,6-Dinitro-2-methylphenol	10.97	198	38001	37.98	ng	96
65) n-Nitrosodiphenylamine	11.04	169	284411	40.35	ng	93
66) 4-Bromophenyl-phenylether	11.43	248	98158	42.64	ng #	87
67) Hexachlorobenzene	11.51	284	104561	40.87	ng #	80
68) Atrazine	11.57	200	94785	42.56	ng	84
69) Pentachlorophenol	11.69	266	56042	38.66	ng	99
70) Phenanthrene	11.92	178	486927	37.15	ng	97
71) Anthracene	11.98	178	519935	41.20	ng	97
72) Carbazole	12.13	167	461413	38.30	ng	96
73) Di-n-butylphthalate	12.46	149	581823	41.80	ng #	98
74) Fluoranthene	13.19	202	547691	39.24	ng	94
76) Benzidine	13.32	184	319402	46.84	ng #	97
77) Pyrene	13.45	202	581135	38.69	ng	97
79) Butylbenzylphthalate	14.15	149	245106	40.63	ng #	83
80) Benzo(a)anthracene	14.88	228	580222	39.04	ng	97
81) 3,3'-Dichlorobenzidine	14.83	252	206686	40.32	ng #	93
82) Chrysene	14.93	228	528070	38.53	ng	94
83) Bis(2-ethylhexyl)phthalate	14.85	149	381087	39.97	ng #	90
84) Di-n-octyl phthalate	15.67	149	659383	40.36	ng	95
85) Indeno(1,2,3-cd)pyrene	18.65	276	631121	36.52	ng #	88
87) Benzo(b)fluoranthene	16.24	252	558334	40.47	ng #	89
88) Benzo(k)fluoranthene	16.29	252	541153	38.52	ng #	85
89) Benzo(a)pyrene	16.71	252	517413	39.49	ng #	87
90) Dibenzo(a,h)anthracene	18.68	278	519155	38.72	ng #	81
91) Benzo(g,h,i)perylene	19.21	276	514047	37.97	ng #	77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

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SSTDCCC040EC

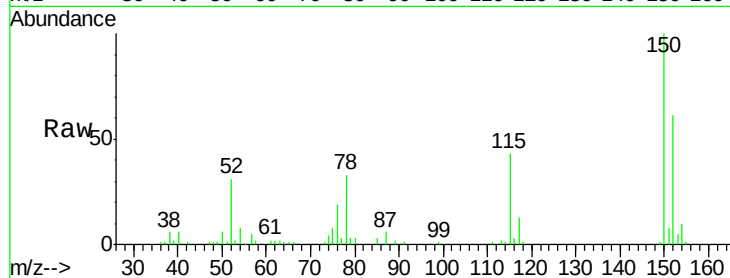
Tgt Ion:152 Resp: 46980

Ion Ratio Lower Upper

152 100

150 164.5 124.7 187.1

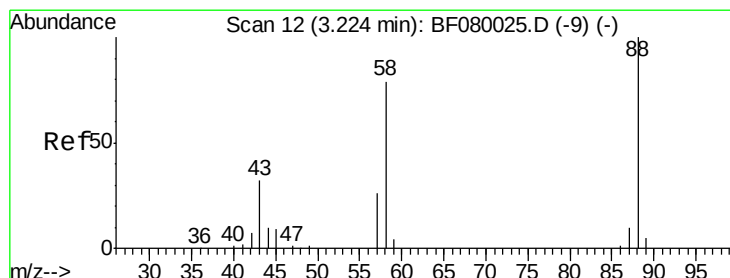
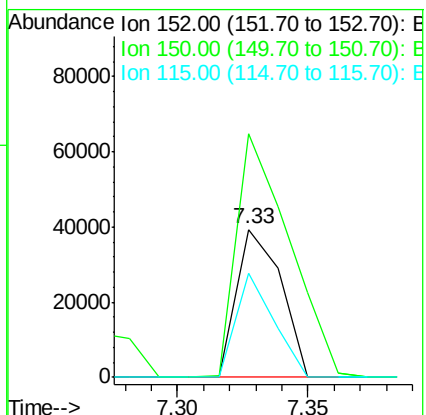
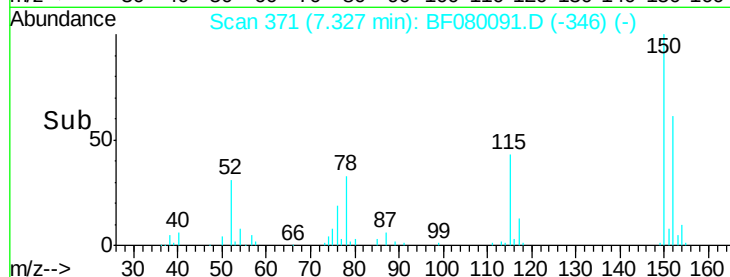
115 70.1 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.68 ng

RT: 3.21 min Scan# 11

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

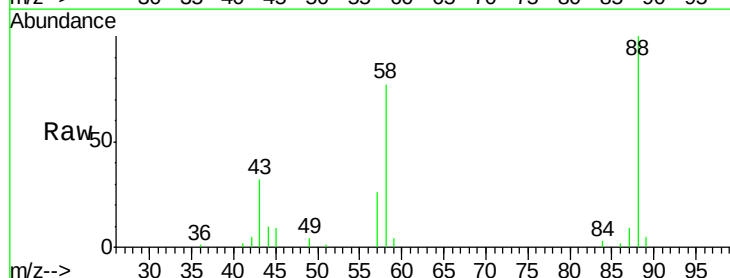
Tgt Ion: 88 Resp: 51318

Ion Ratio Lower Upper

88 100

58 77.7 77.7 116.5

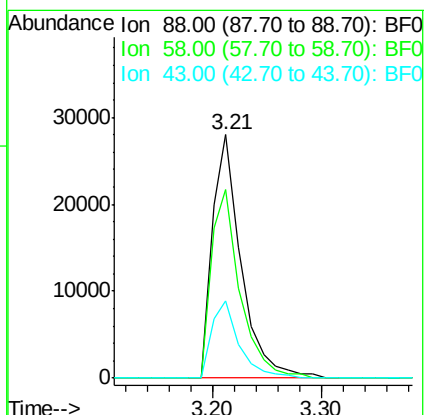
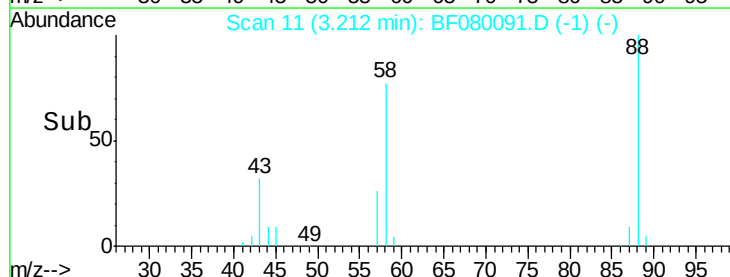
43 30.6 26.6 40.0

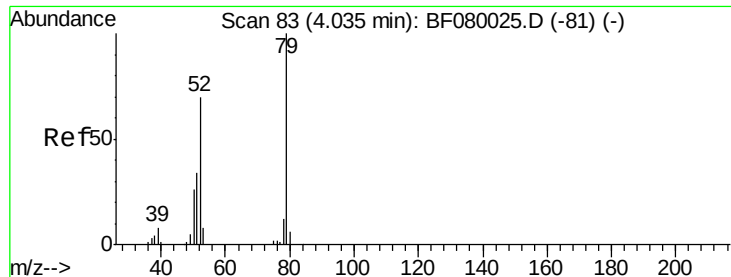


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.96 ng

RT: 4.02 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

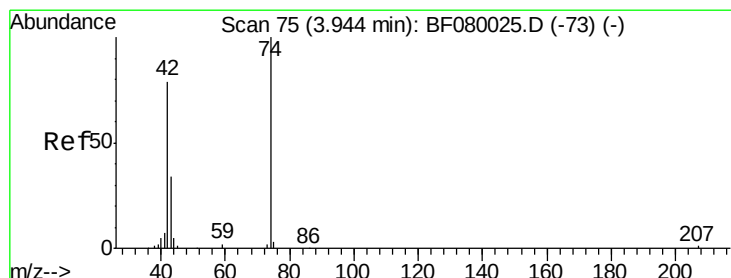
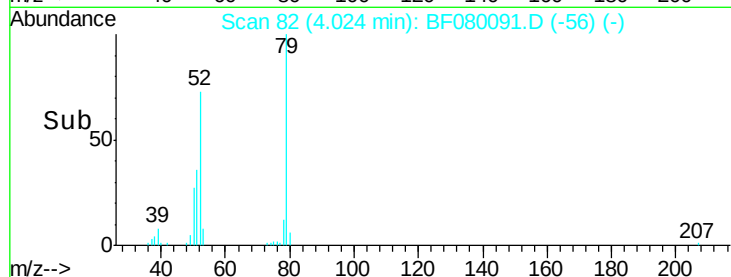
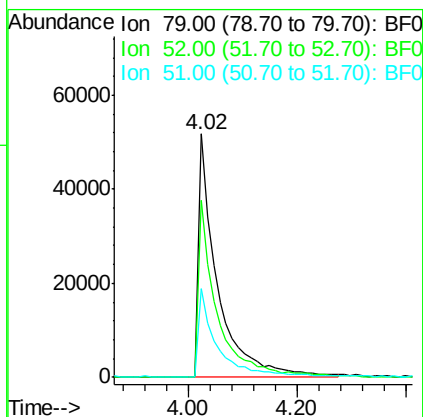
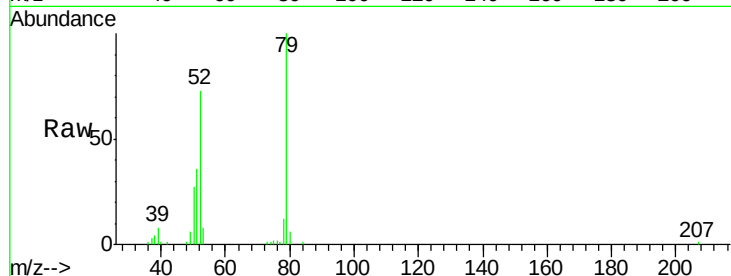
Tgt Ion: 79 Resp: 124004

Ion Ratio Lower Upper

79 100

52 73.0 76.8 115.2#

51 36.4 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 41.12 ng

RT: 3.93 min Scan# 74

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

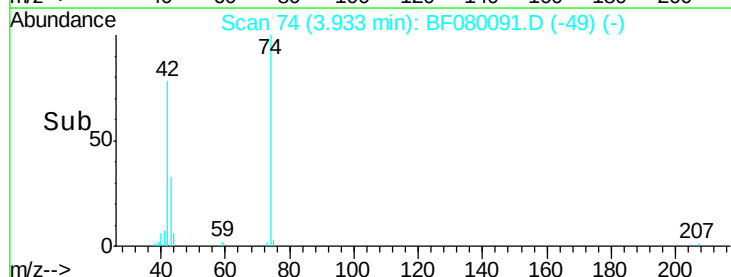
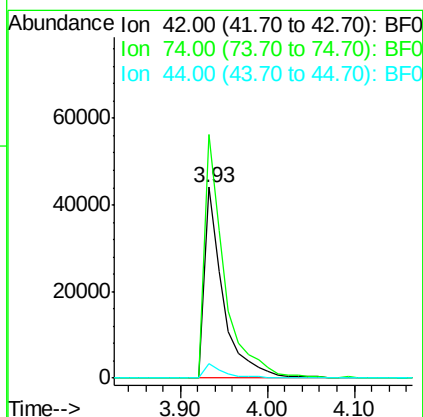
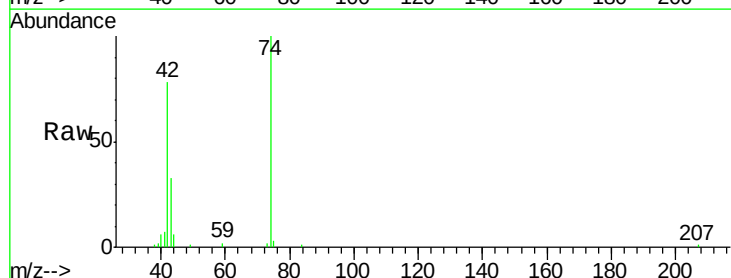
Tgt Ion: 42 Resp: 65567

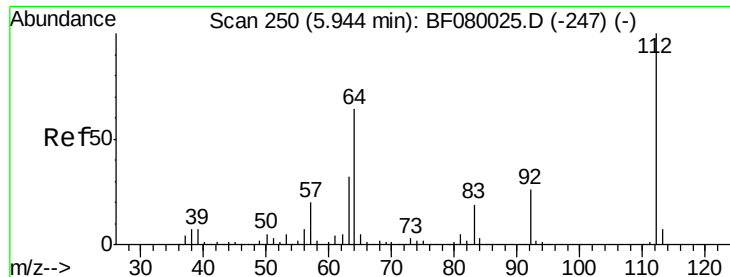
Ion Ratio Lower Upper

42 100

74 127.7 105.0 157.6

44 7.8 6.6 10.0





#5

2-Fluorophenol

Concen: 83.89 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

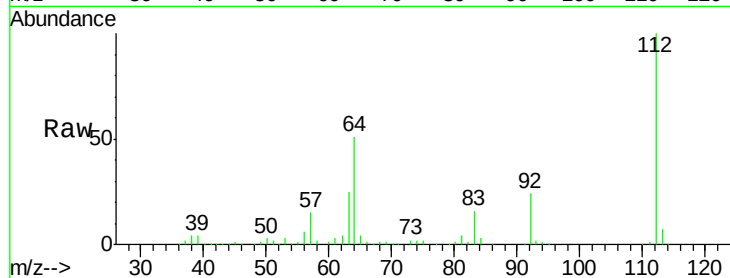
Tgt Ion: 112 Resp: 222646

Ion Ratio Lower Upper

112 100

64 50.6 39.7 59.5

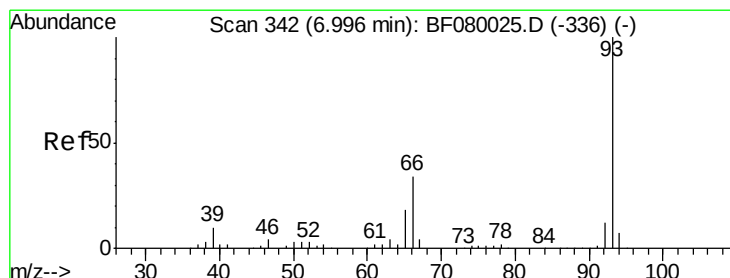
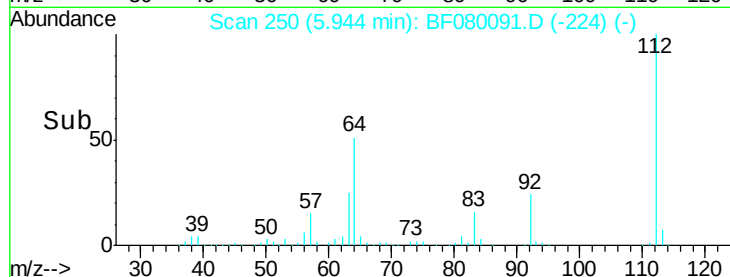
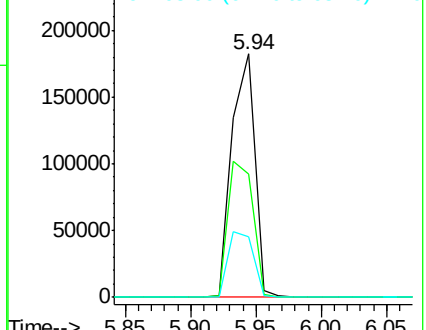
63 24.9 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 44.05 ng

RT: 6.98 min Scan# 341

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

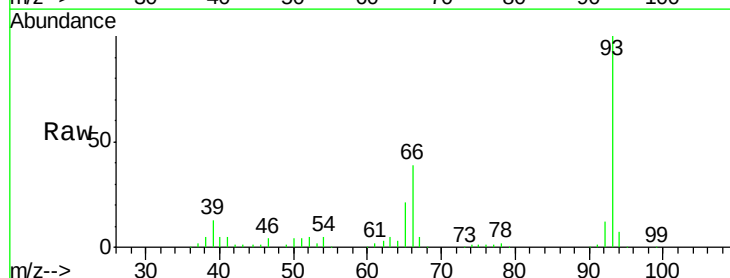
Tgt Ion: 93 Resp: 214009

Ion Ratio Lower Upper

93 100

66 39.3 27.2 40.8

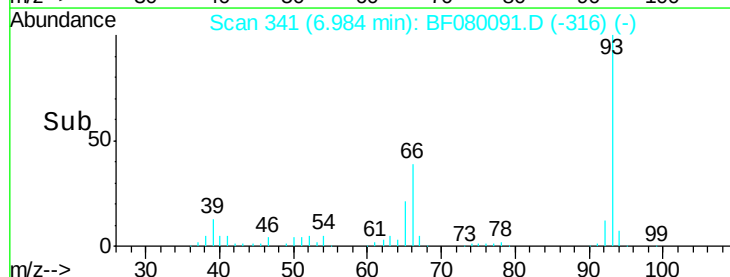
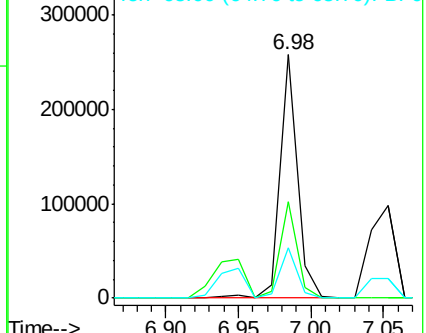
65 20.7 14.7 22.1

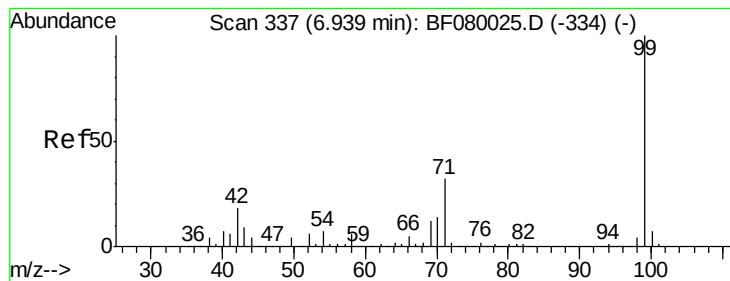


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.26 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

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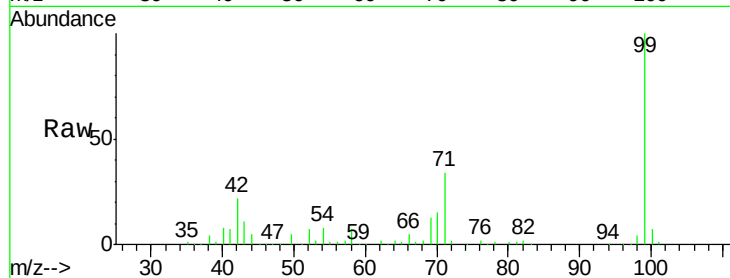
Tgt Ion: 99 Resp: 294033

Ion Ratio Lower Upper

99 100

42 22.0 13.7 20.5#

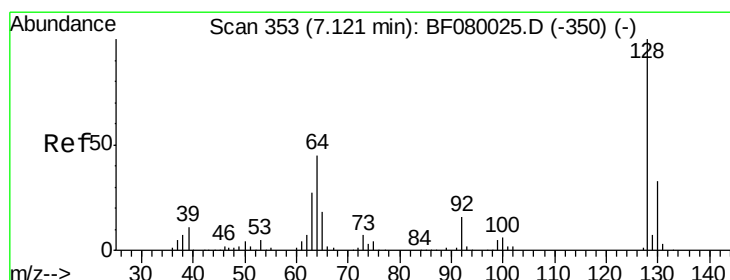
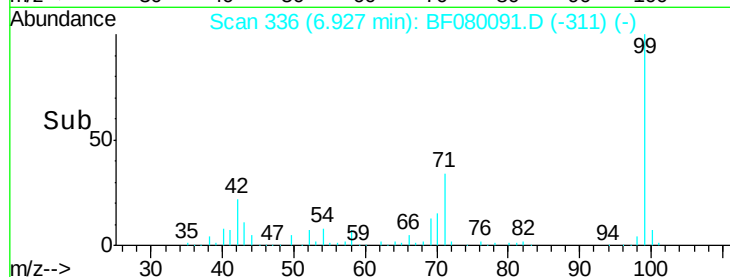
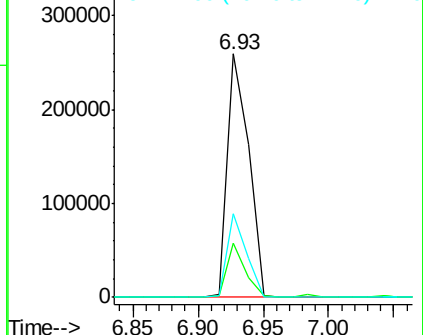
71 34.3 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.15 ng

RT: 7.11 min Scan# 352

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

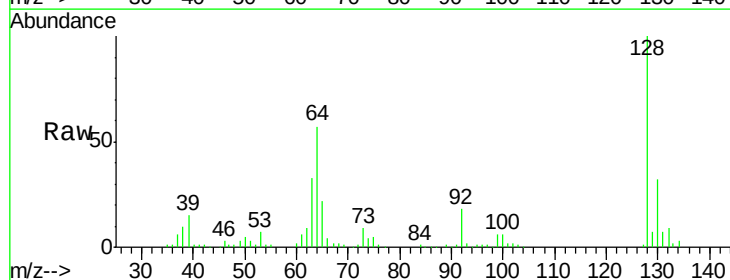
Tgt Ion: 128 Resp: 129294

Ion Ratio Lower Upper

128 100

130 31.8 12.2 52.2

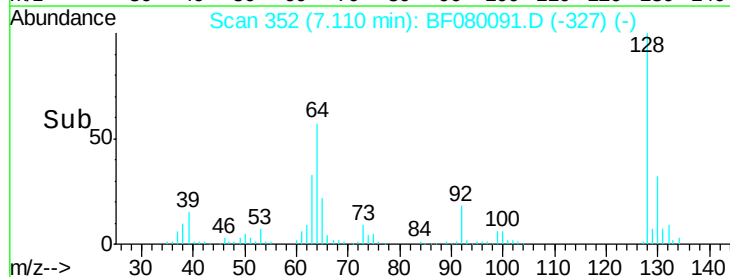
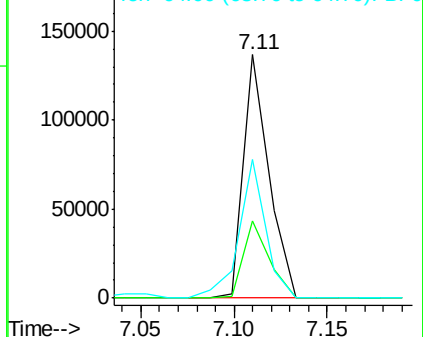
64 57.0 20.5 60.5

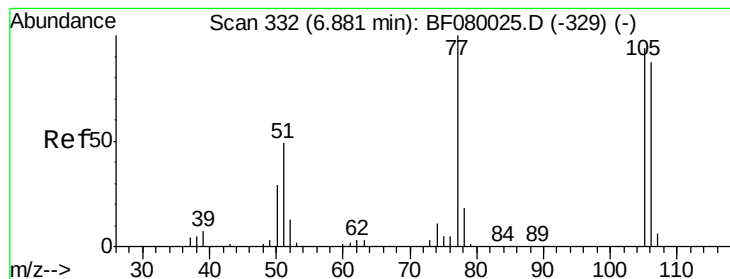


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.00 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

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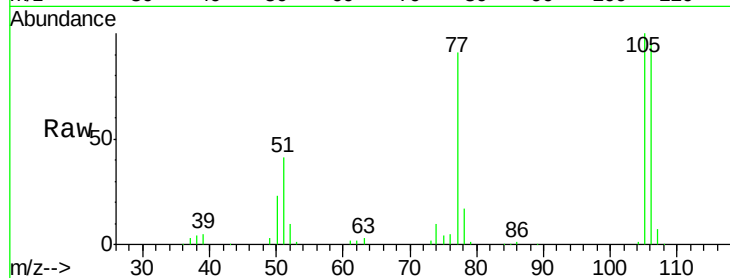
Tgt Ion: 77 Resp: 83583

Ion Ratio Lower Upper

77 100

105 109.9 91.6 131.6

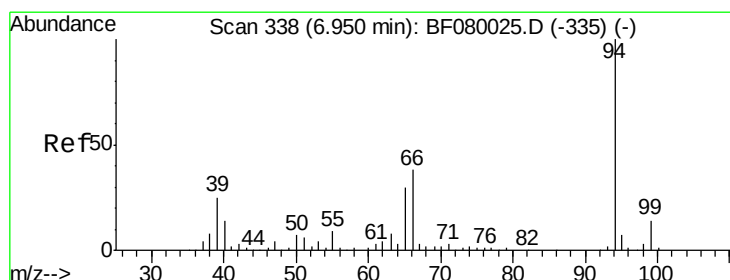
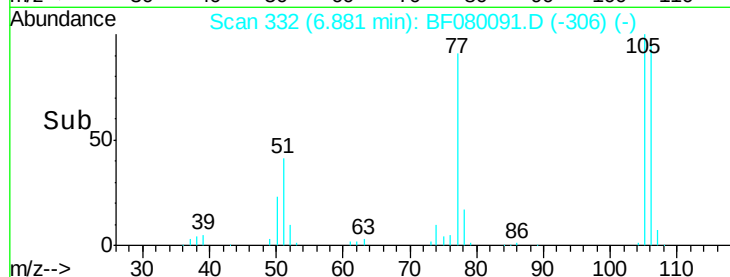
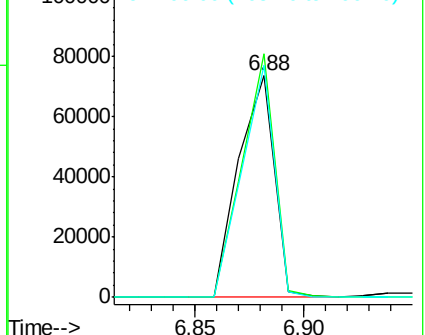
106 104.5 102.6 142.6



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: 39.30 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

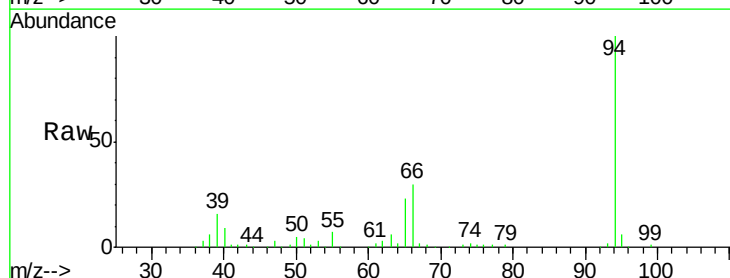
Tgt Ion: 94 Resp: 151466

Ion Ratio Lower Upper

94 100

65 23.1 0.7 40.7

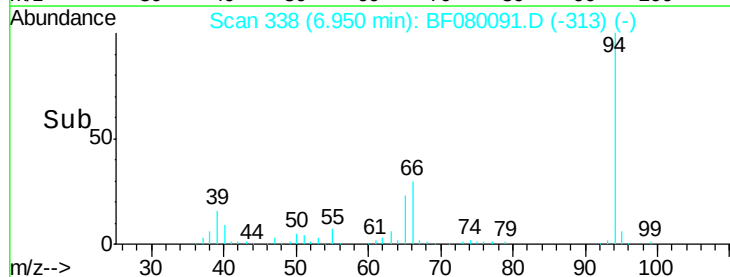
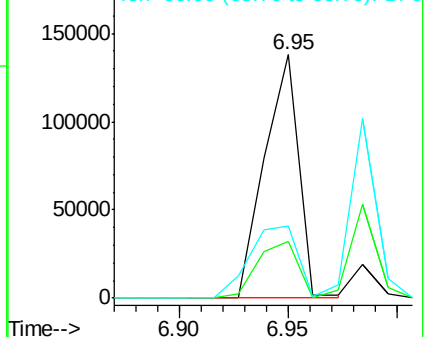
66 29.7 0.8 40.8

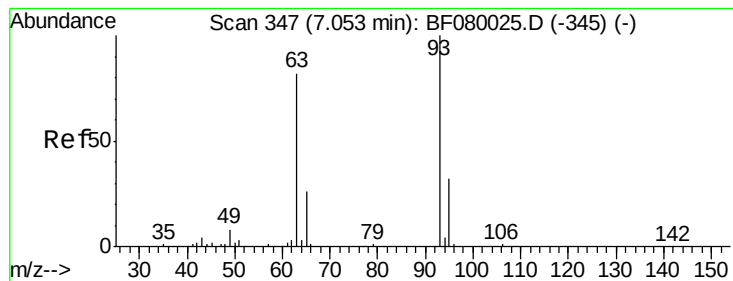


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.67 ng

RT: 7.05 min Scan# 347

Delta R.T. 0.00 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

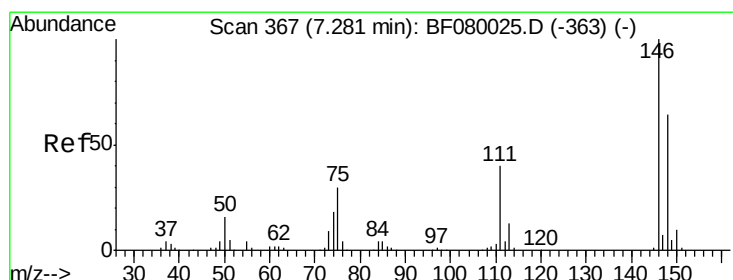
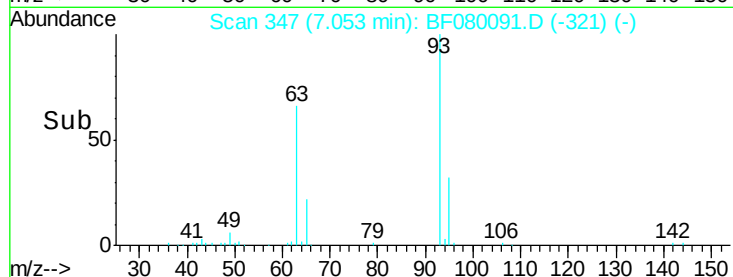
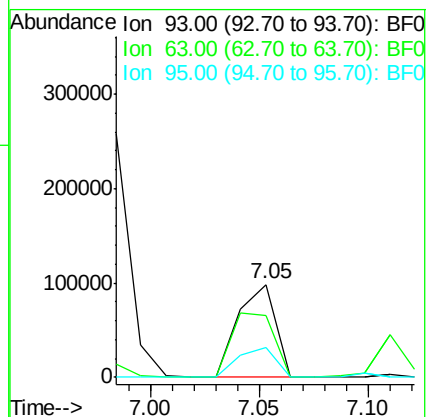
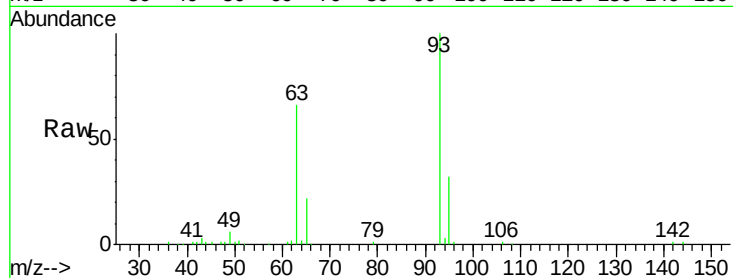
Tgt Ion: 93 Resp: 118255

Ion Ratio Lower Upper

93 100

63 65.8 65.6 105.6

95 32.1 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 39.10 ng

RT: 7.51 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

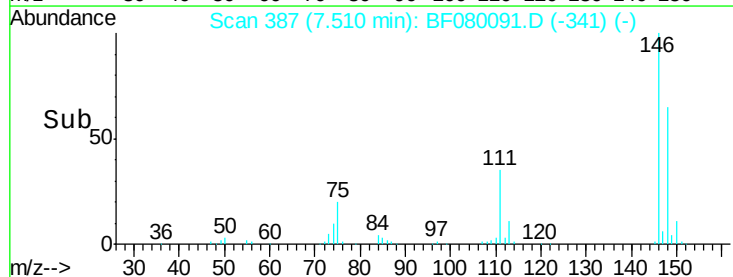
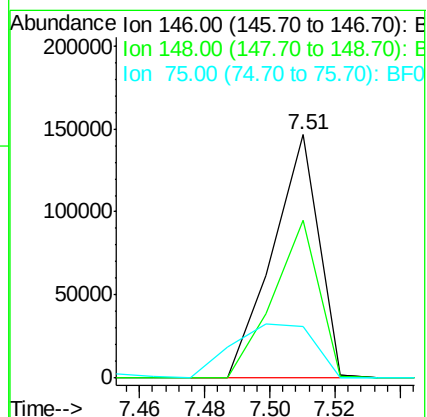
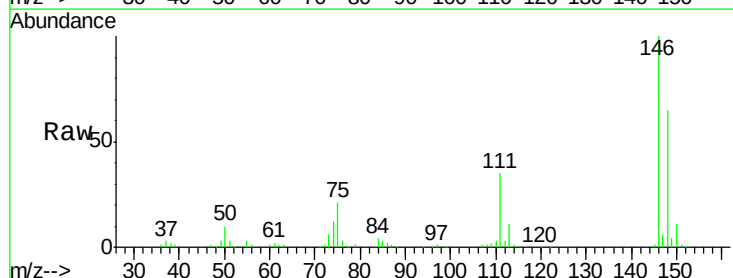
Tgt Ion: 146 Resp: 144062

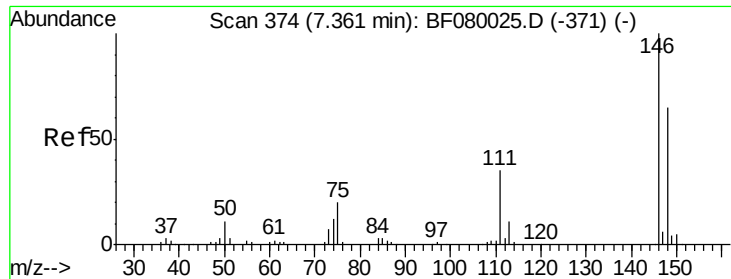
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

75 21.1 15.0 22.6

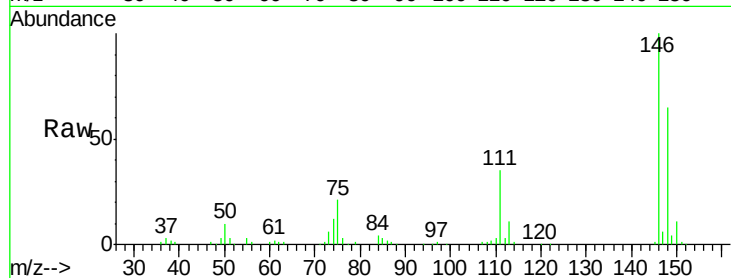




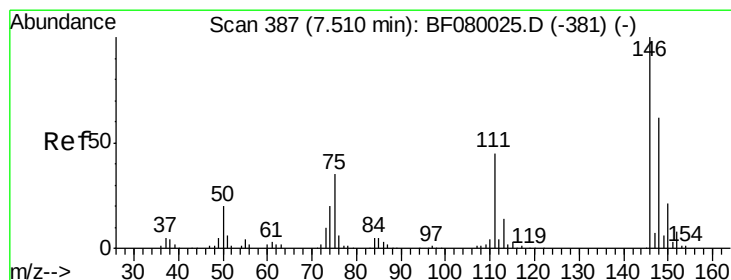
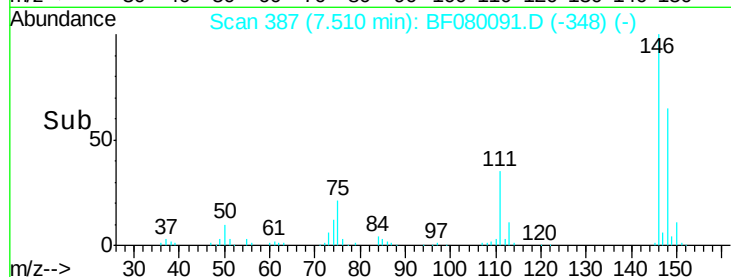
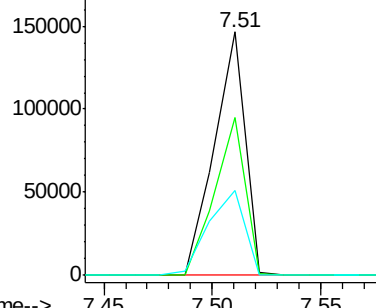
#13
 1,4-Dichlorobenzene
 Concen: 41.11 ng
 RT: 7.51 min Scan# 387
 Delta R.T. 0.15 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 144080
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.8 77.6
 111 34.9 24.9 37.3

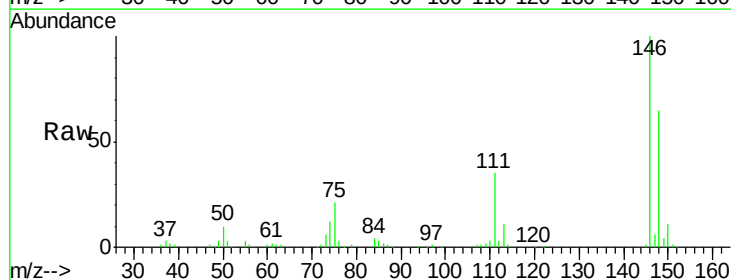


Abundance Ion 146.00 (145.70 to 146.70): E
 200000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

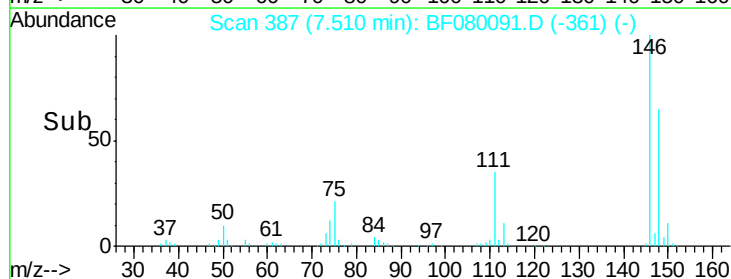
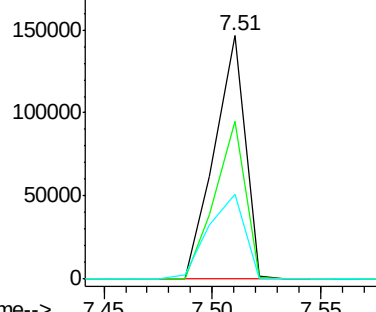


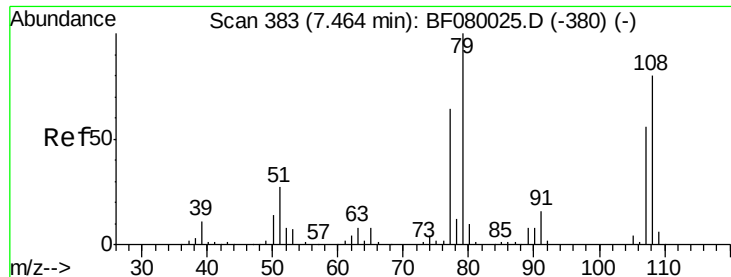
#14
 1,2-Dichlorobenzene
 Concen: 42.25 ng
 RT: 7.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Tgt Ion:146 Resp: 144080
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.7 79.1
 111 34.9 28.8 43.2



Abundance Ion 146.00 (145.70 to 146.70): E
 200000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.16 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

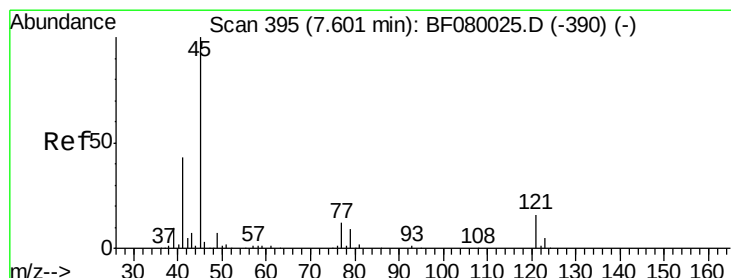
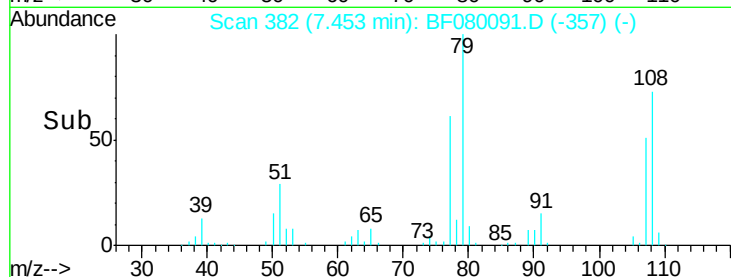
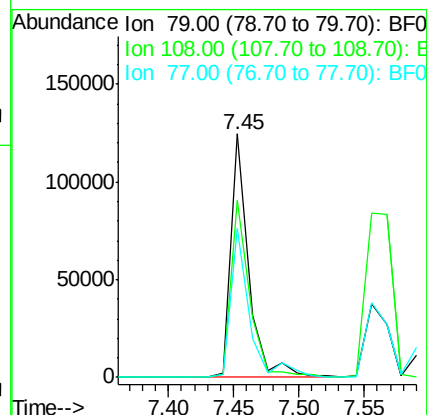
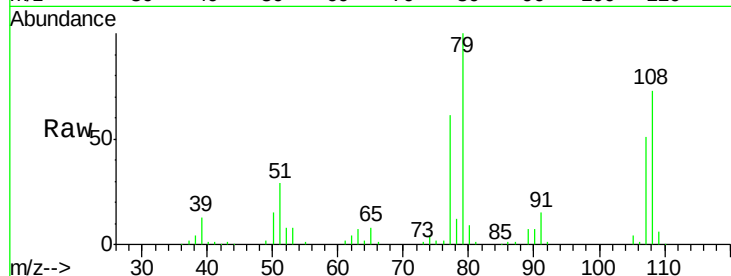
Tgt Ion: 79 Resp: 118861

Ion Ratio Lower Upper

79 100

108 72.5 88.6 132.8#

77 61.3 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.92 ng

RT: 7.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

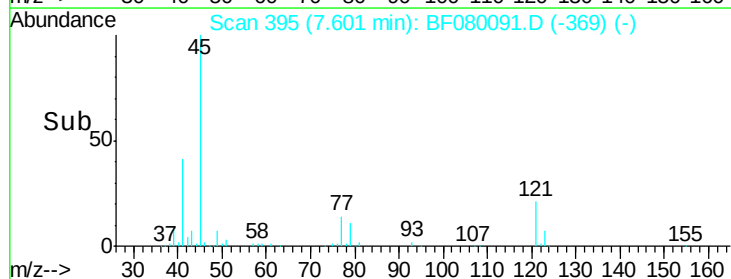
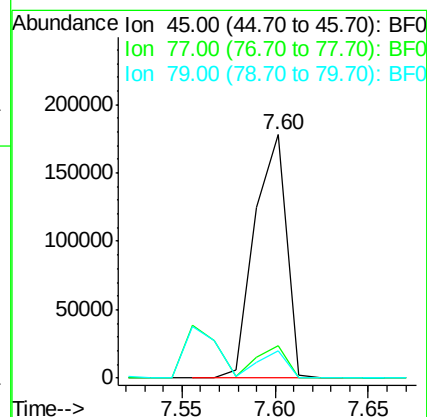
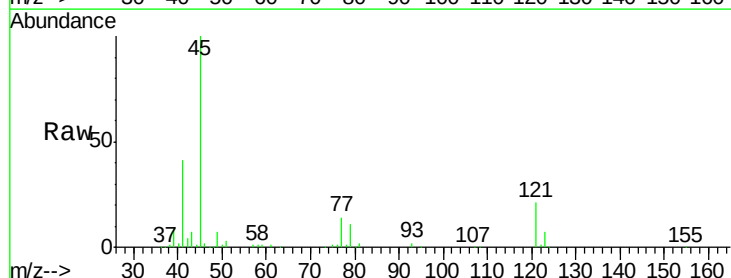
Tgt Ion: 45 Resp: 212955

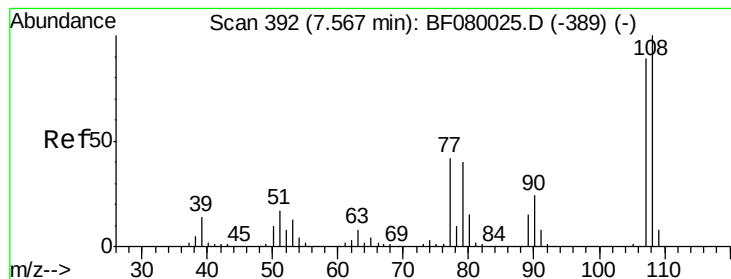
Ion Ratio Lower Upper

45 100

77 13.5 0.0 28.1

79 11.1 0.0 26.0

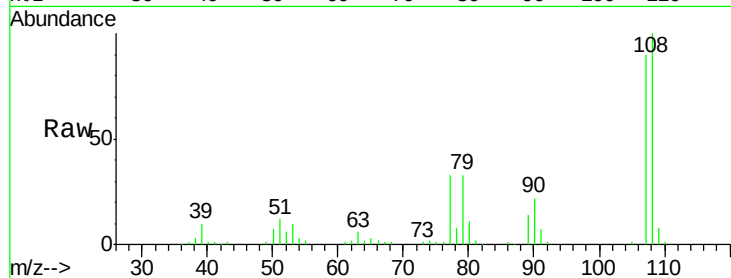




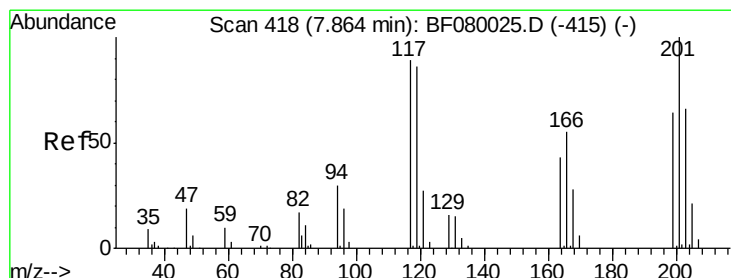
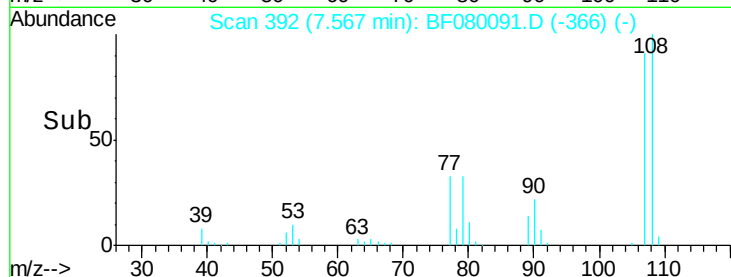
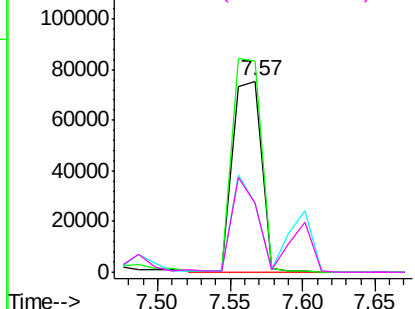
#17
2-Methylphenol
Concen: 39.69 ng
RT: 7.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	107	Resp:	103987
Ion	Ratio	Lower	Upper
107	100		
108	110.5	96.6	145.0
77	36.4	23.3	34.9#
79	36.0	22.0	33.0#

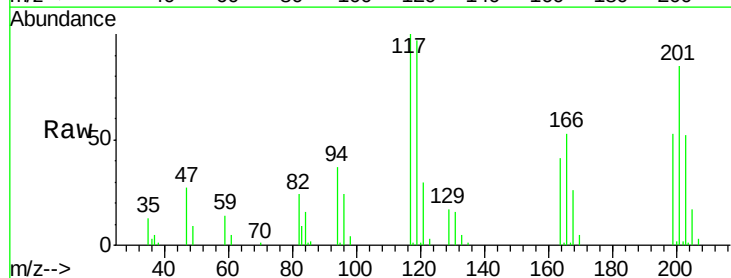


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

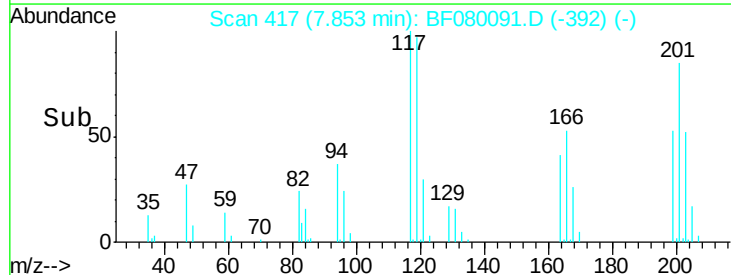
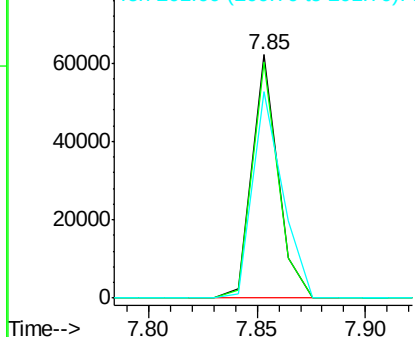


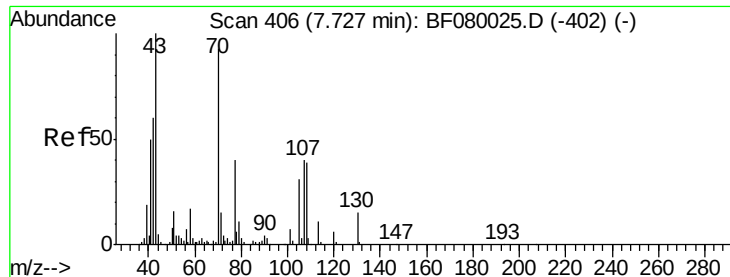
#18
Hexachloroethane
Concen: 43.90 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

Tgt Ion:	117	Resp:	51223
Ion	Ratio	Lower	Upper
117	100		
119	97.2	83.8	125.6
201	84.7	55.1	82.7#



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

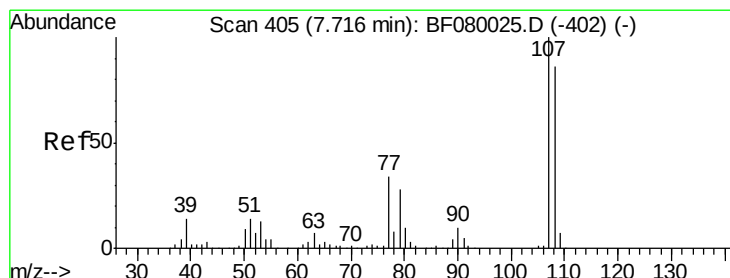
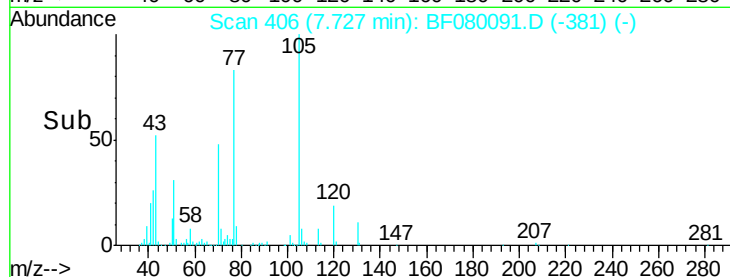
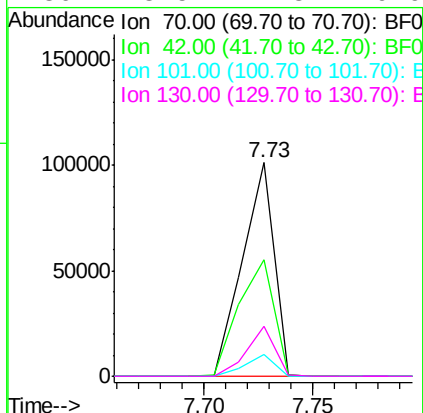
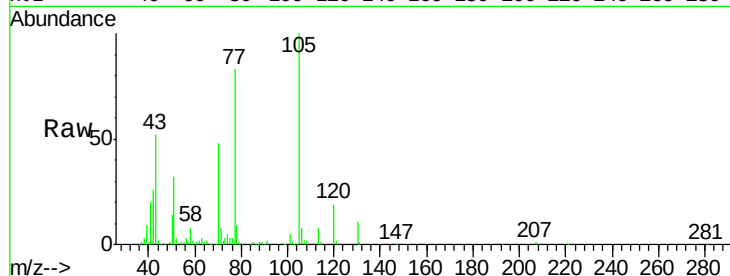




#19
n-Nitroso-di-n-propylamine
Concen: 41.56 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

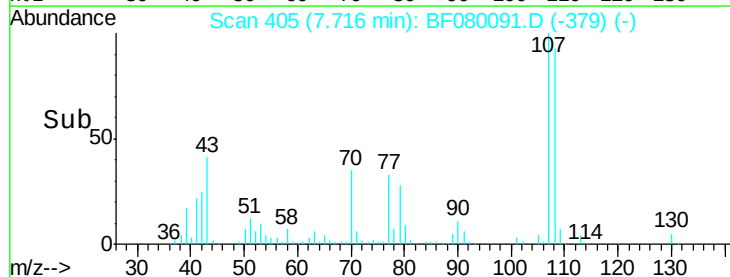
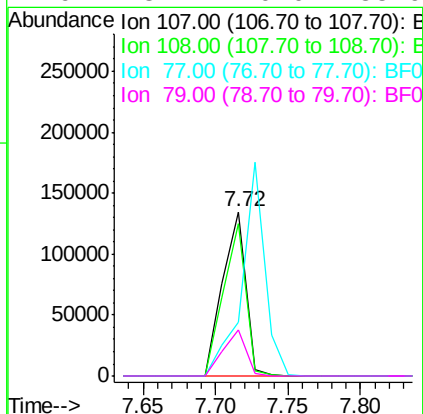
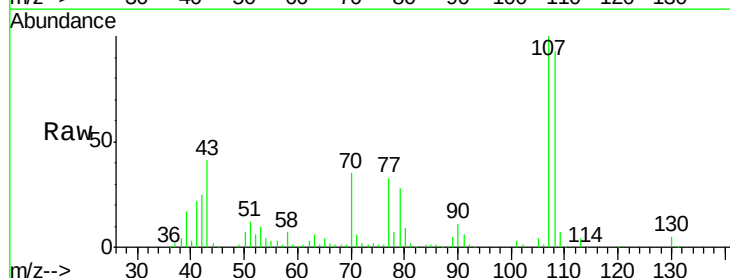
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

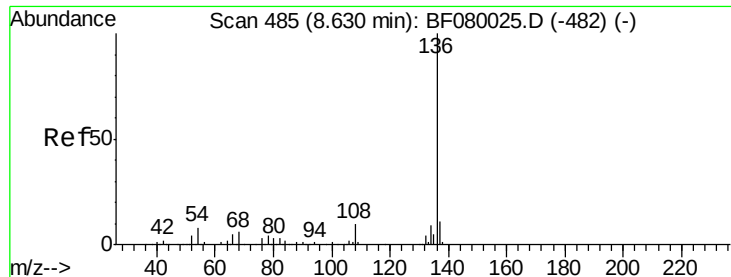
Tgt Ion: 70 Resp: 101916
Ion Ratio Lower Upper
70 100
42 54.5 63.8 95.6#
101 10.4 9.2 13.8
130 23.5 27.3 40.9#



#20
3+4-Methylphenols
Concen: 44.16 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

Tgt Ion: 107 Resp: 149313
Ion Ratio Lower Upper
107 100
108 92.9 74.6 114.6
77 32.6 0.7 40.7
79 28.4 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 193051

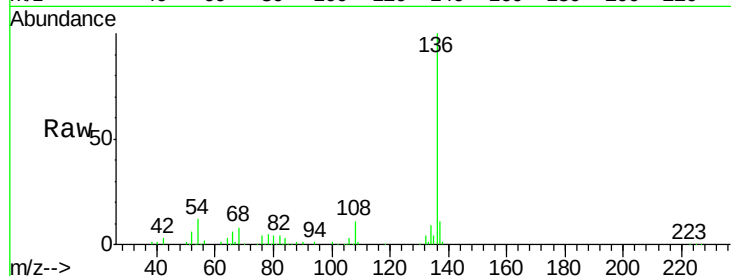
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 11.5 8.2 12.2

68 8.2 5.8 8.6

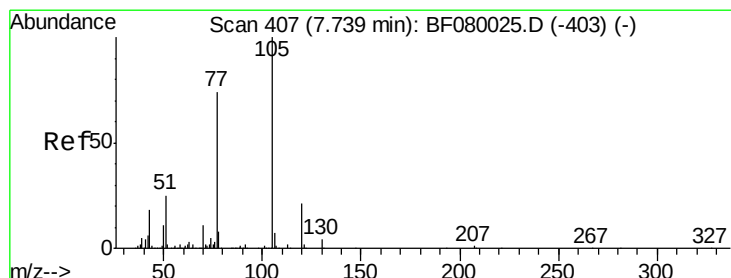
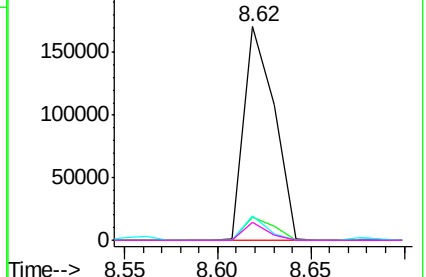
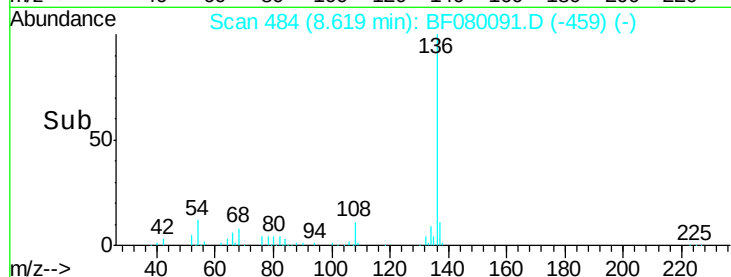


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.29 ng

RT: 7.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Tgt Ion:105 Resp: 185759

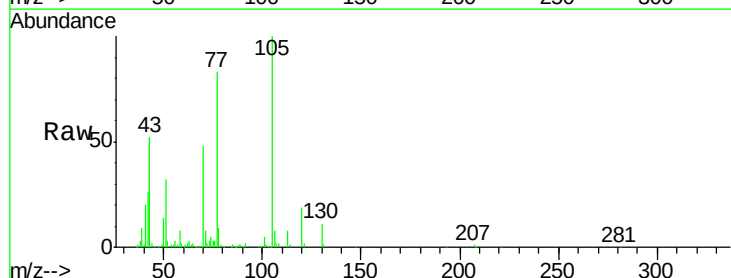
Ion Ratio Lower Upper

105 100

71 7.9 4.7 7.1#

51 31.8 22.0 33.0

120 19.5 30.1 45.1#

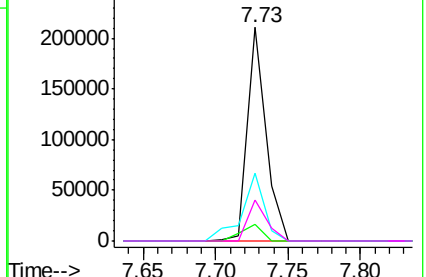
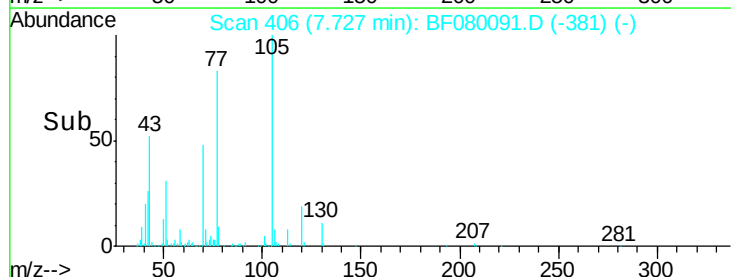


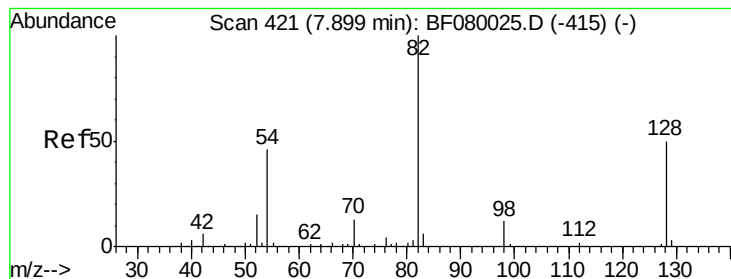
Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.41 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

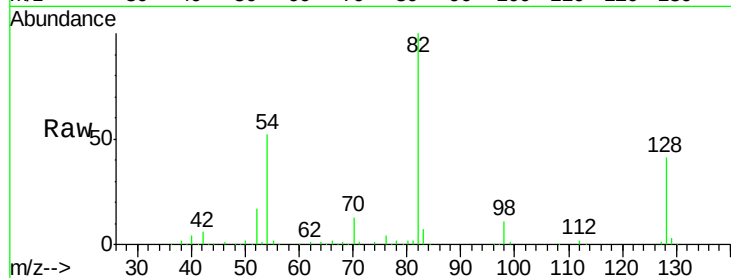
Tgt Ion: 82 Resp: 296499

Ion Ratio Lower Upper

82 100

128 41.4 51.0 76.6#

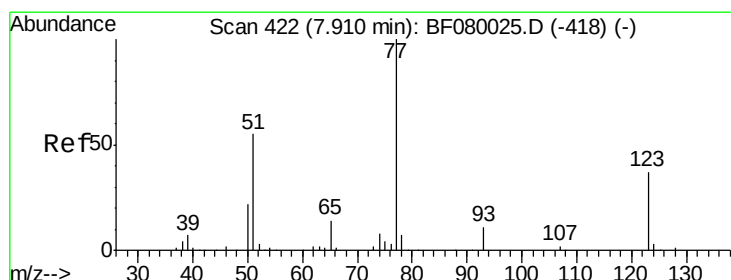
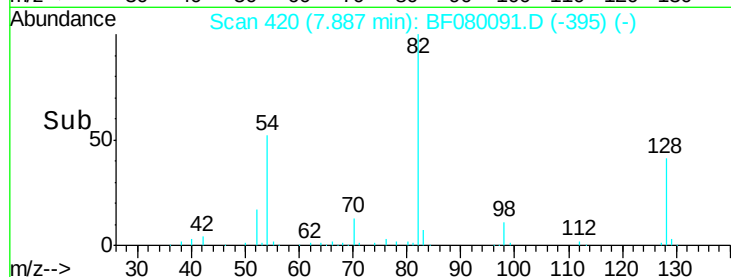
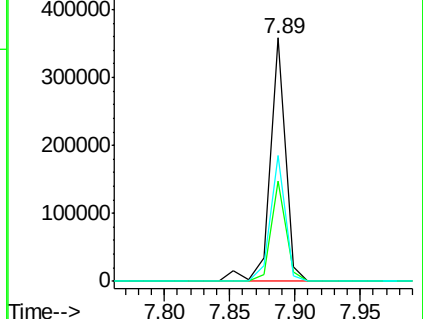
54 51.8 47.5 71.3



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: 42.32 ng

RT: 7.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

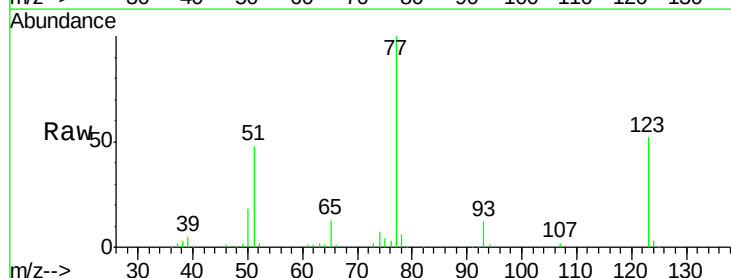
Tgt Ion: 77 Resp: 144833

Ion Ratio Lower Upper

77 100

123 51.8 59.8 89.8#

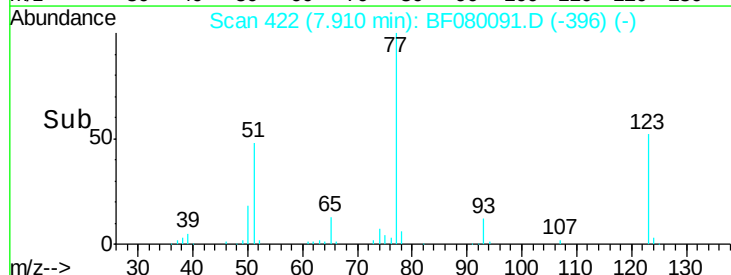
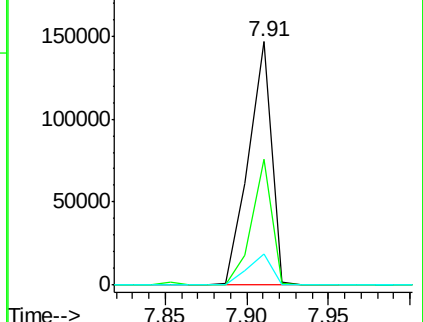
65 12.7 10.2 15.4

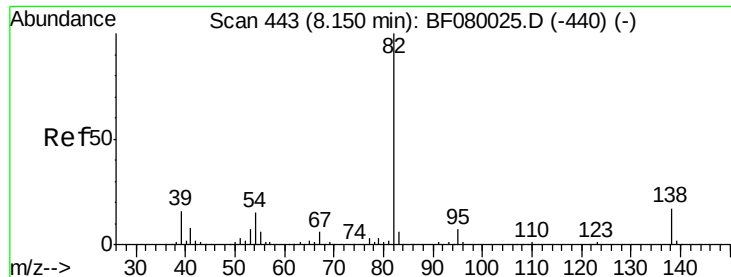


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.91 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

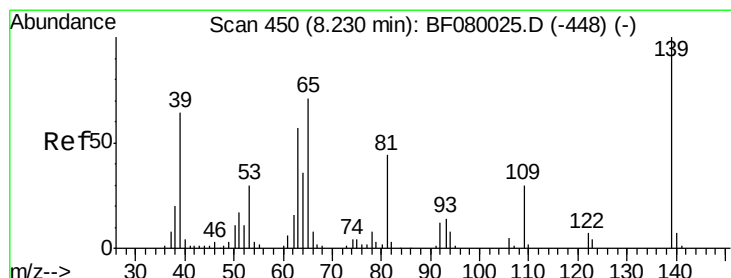
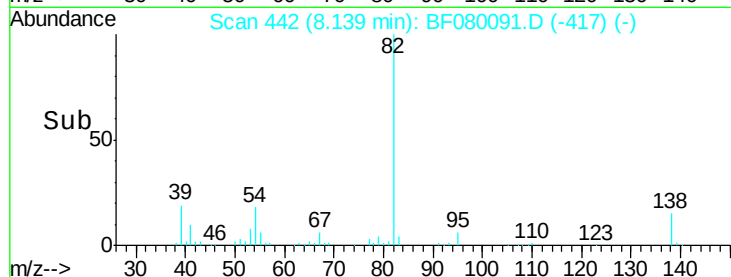
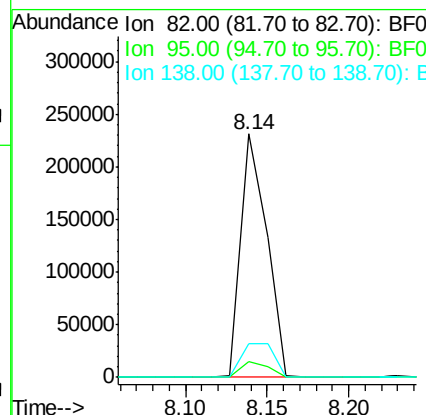
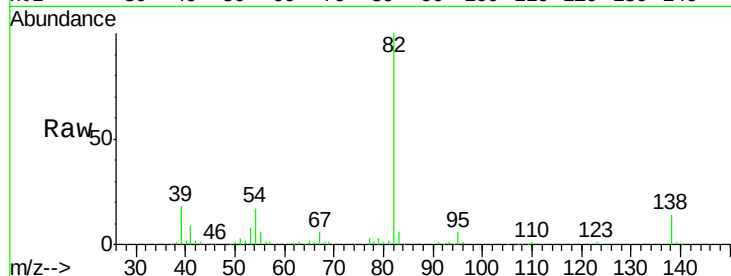
Tgt Ion: 82 Resp: 252975

Ion Ratio Lower Upper

82 100

95 6.3 4.0 6.0#

138 13.8 18.3 27.5#



#26

2-Nitrophenol

Concen: 49.60 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

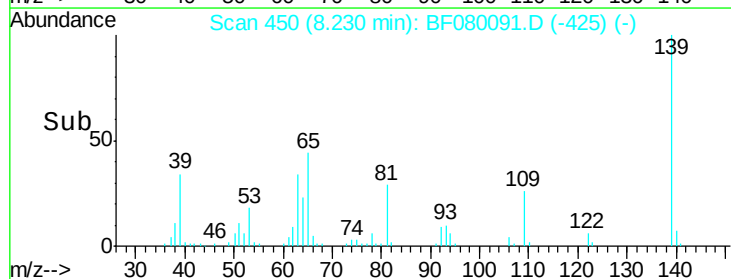
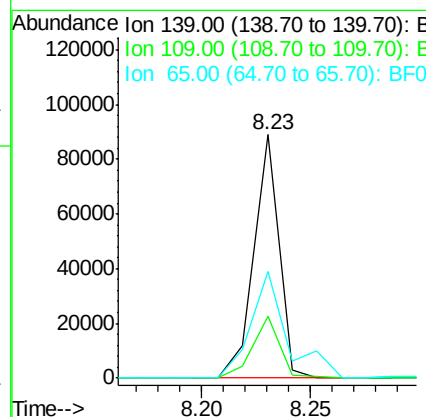
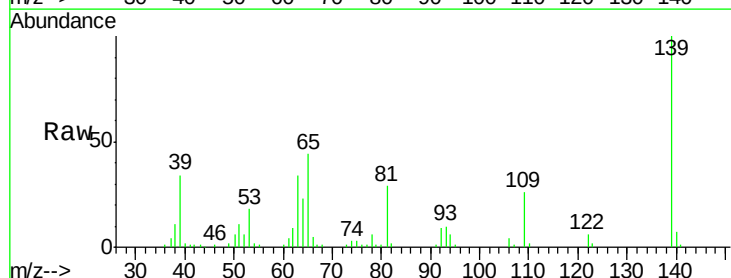
Tgt Ion: 139 Resp: 71061

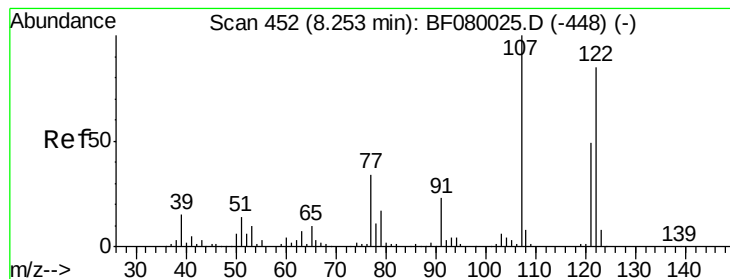
Ion Ratio Lower Upper

139 100

109 25.6 11.0 16.4#

65 43.9 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 40.93 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

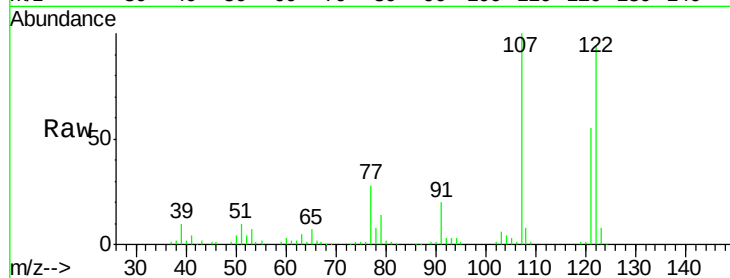
Tgt Ion:122 Resp: 122268

Ion Ratio Lower Upper

122 100

107 106.3 71.8 107.6

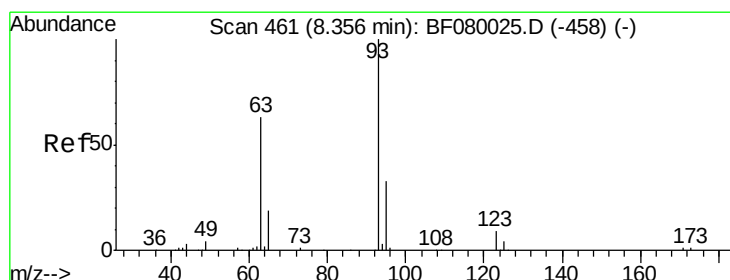
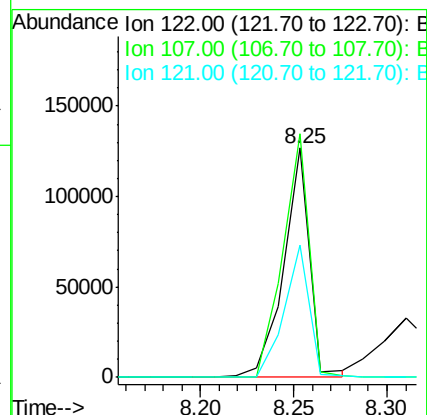
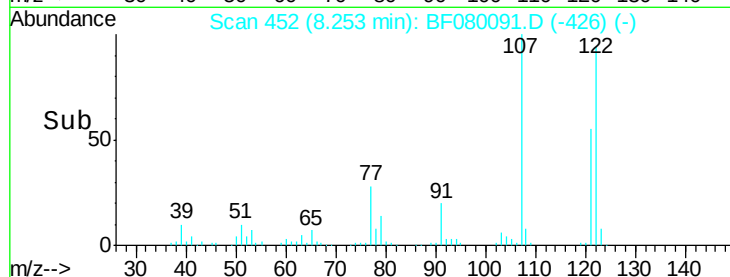
121 58.0 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.29 ng

RT: 8.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

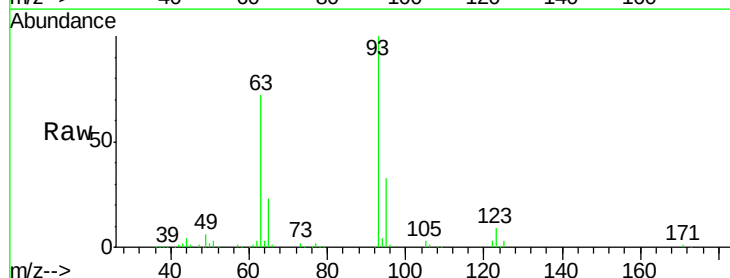
Tgt Ion: 93 Resp: 161884

Ion Ratio Lower Upper

93 100

95 32.9 27.5 41.3

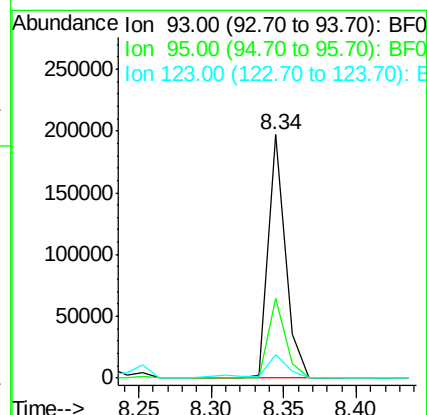
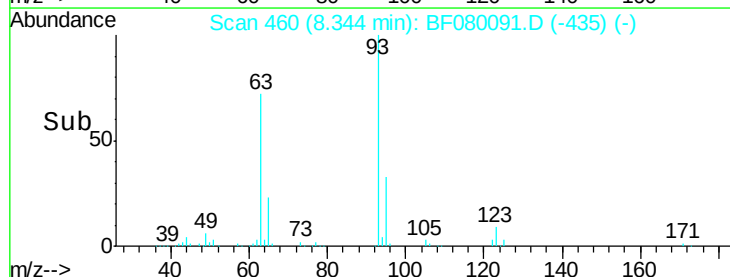
123 9.4 13.7 20.5#

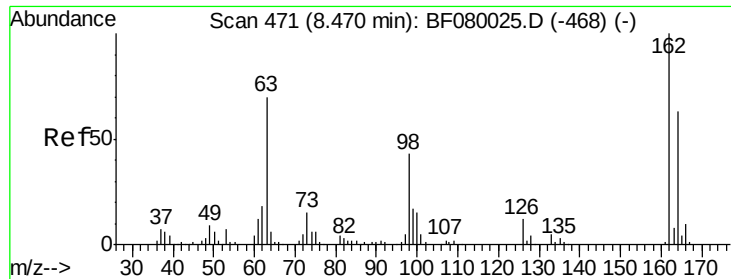


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

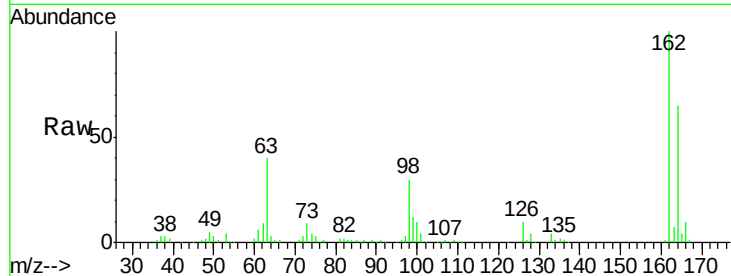




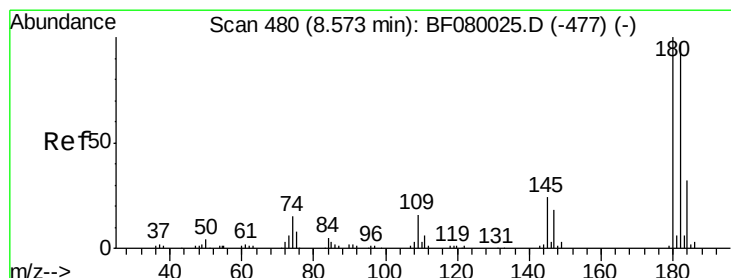
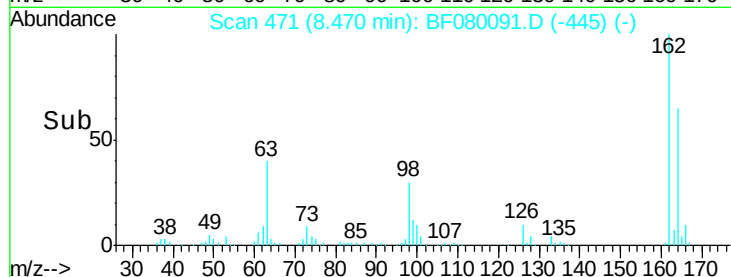
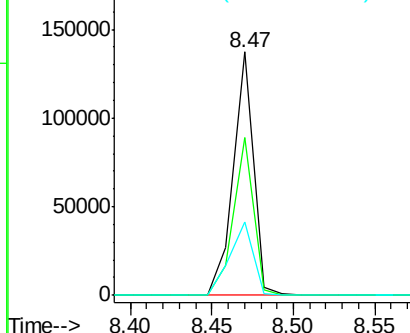
#29
 2,4-Dichlorophenol
 Concen: 45.54 ng
 RT: 8.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.9	84.9
98	29.9	13.0	53.0

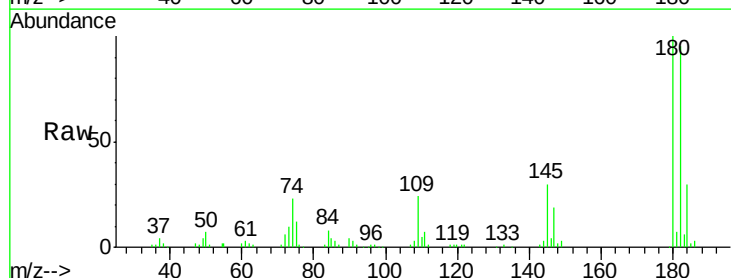


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

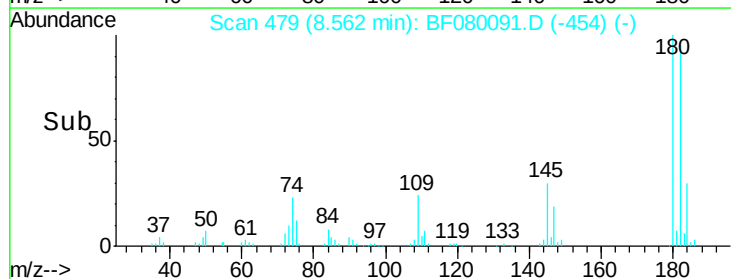
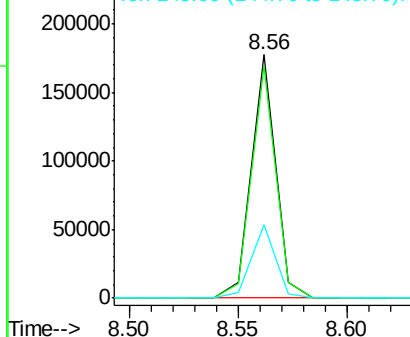


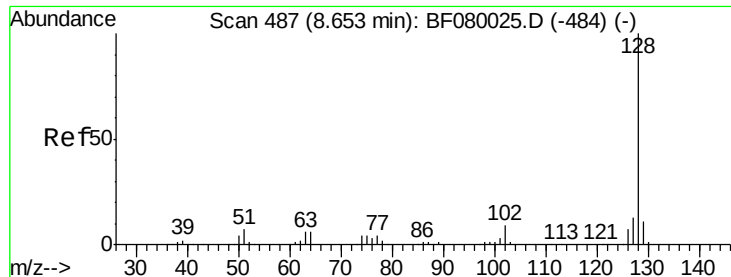
#30
 1,2,4-Trichlorobenzene
 Concen: 47.40 ng
 RT: 8.56 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.1	115.7
145	29.9	23.3	34.9



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

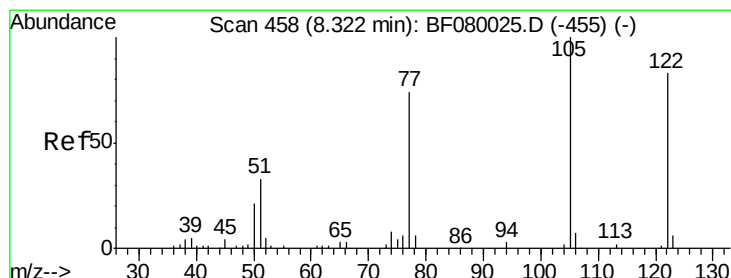
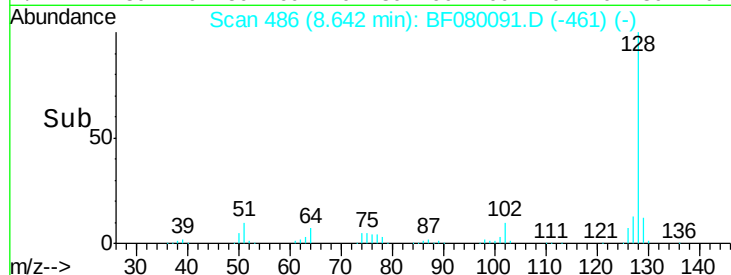
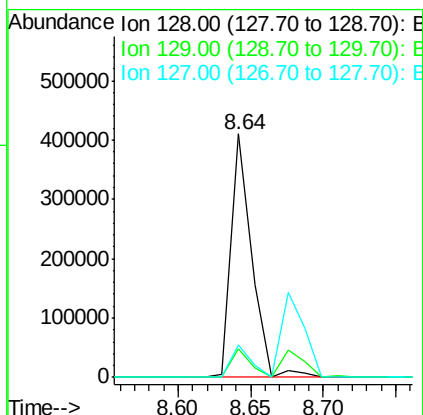
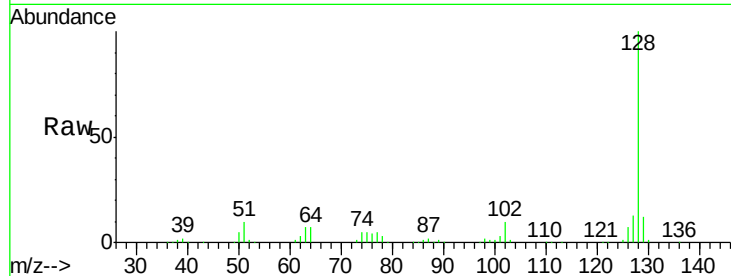




#31
Naphthalene
Concen: 40.08 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

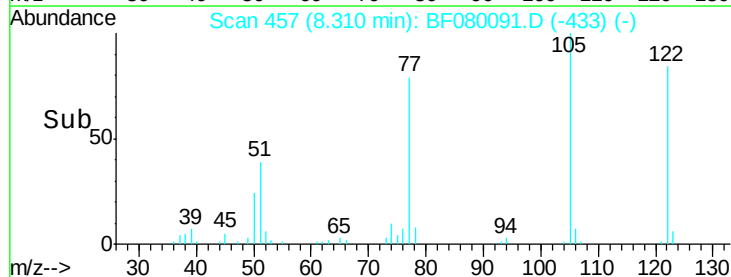
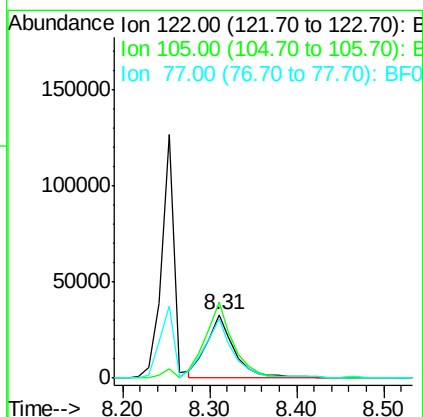
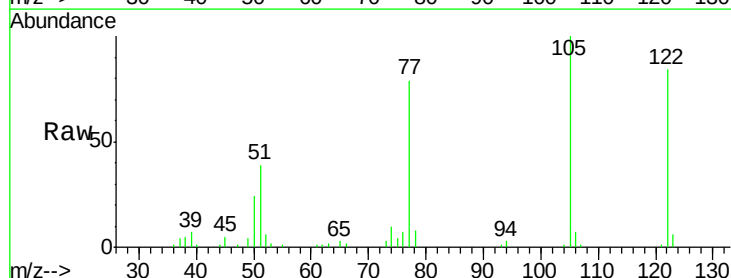
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

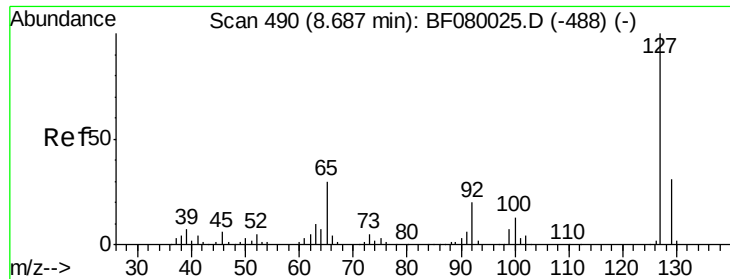
Tgt Ion:128 Resp: 404533
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.1 9.9 14.9



#32
Benzoic acid
Concen: 39.79 ng
RT: 8.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

Tgt Ion:122 Resp: 71869
Ion Ratio Lower Upper
122 100
105 119.4 76.1 116.1#
77 94.3 40.5 80.5#

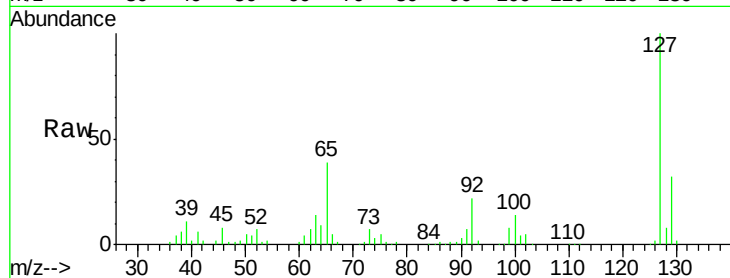




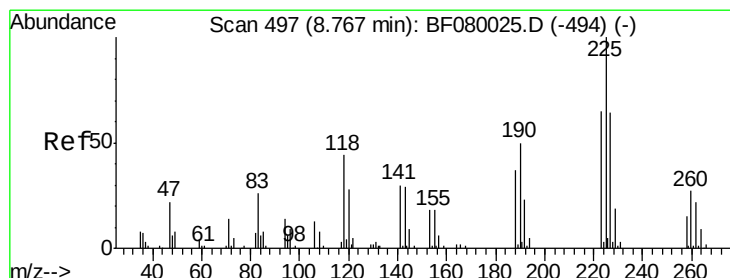
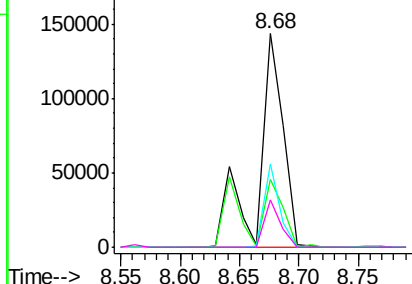
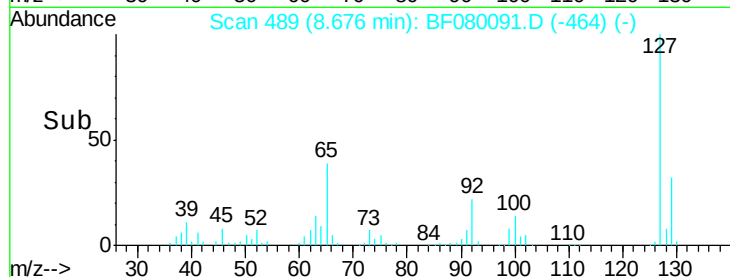
#33
4-Chloroaniline
Concen: 48.21 ng
RT: 8.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	208240
Ion Ratio	Lower	Upper	
127	100		
129	31.7	25.8	38.6
65	39.2	17.9	26.9#
92	22.2	10.5	15.7#

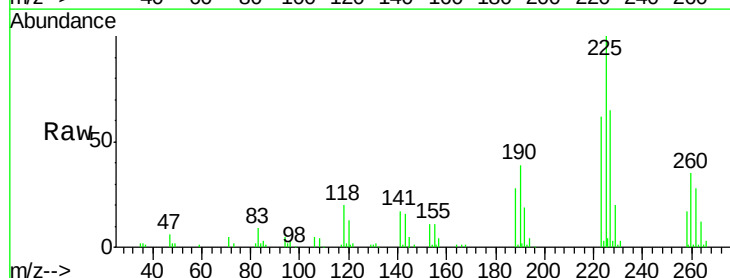


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

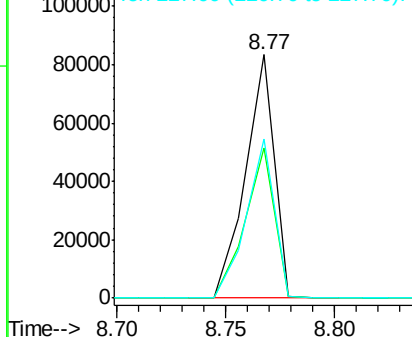
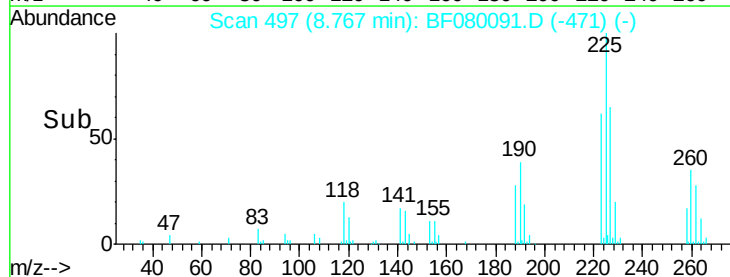


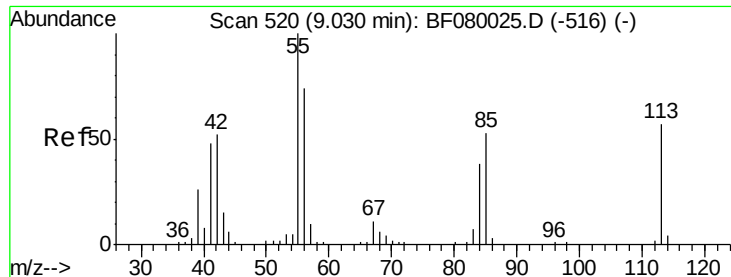
#34
Hexachlorobutadiene
Concen: 42.74 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

Tgt Ion:	225	Resp:	76456
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.2	75.2
227	65.1	52.2	78.2



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: 40.03 ng

RT: 9.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

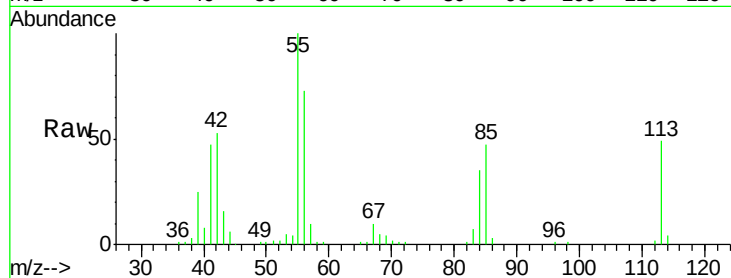
Tgt Ion:113 Resp: 33242

Ion Ratio Lower Upper

113 100

55 205.9 152.4 192.4#

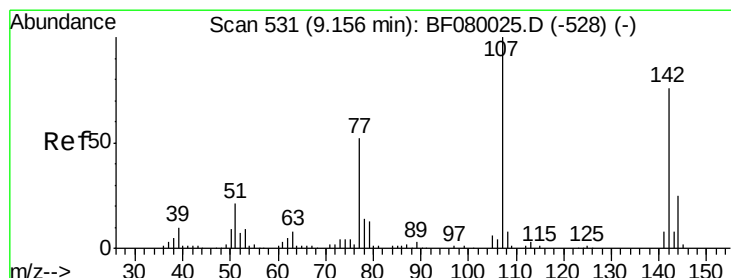
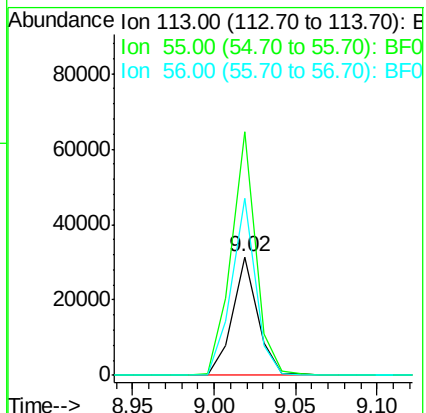
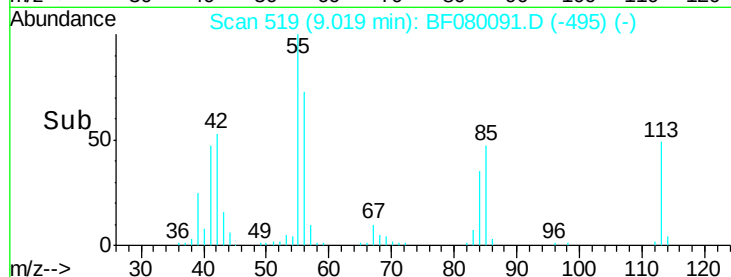
56 149.9 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.68 ng

RT: 9.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

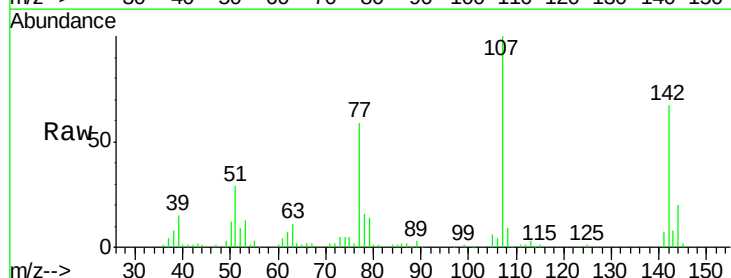
Tgt Ion:107 Resp: 111606

Ion Ratio Lower Upper

107 100

144 20.2 25.4 38.0#

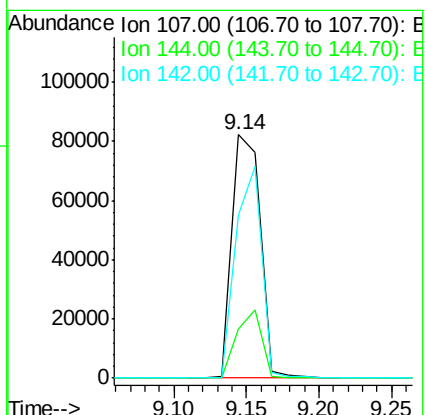
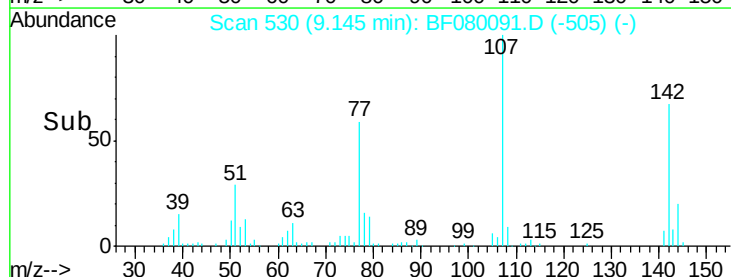
142 67.0 77.3 115.9#

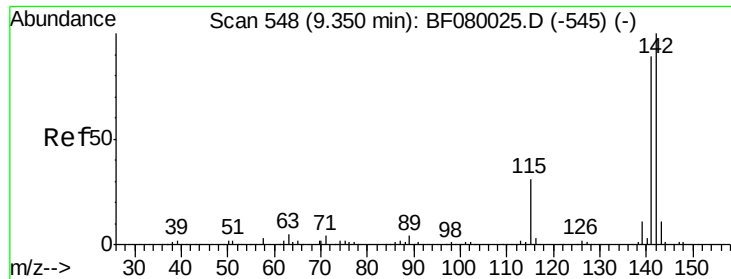


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

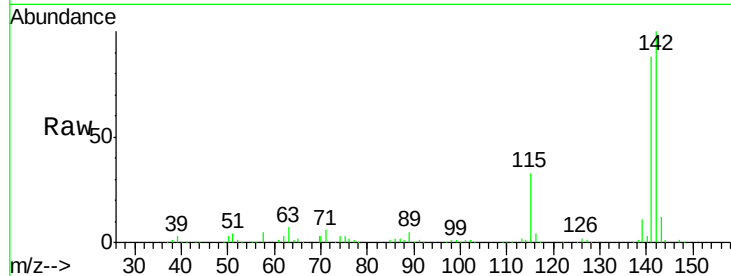




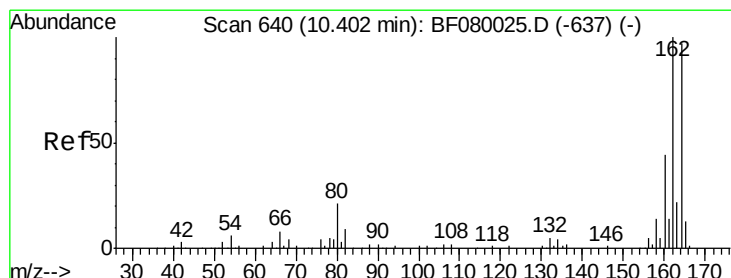
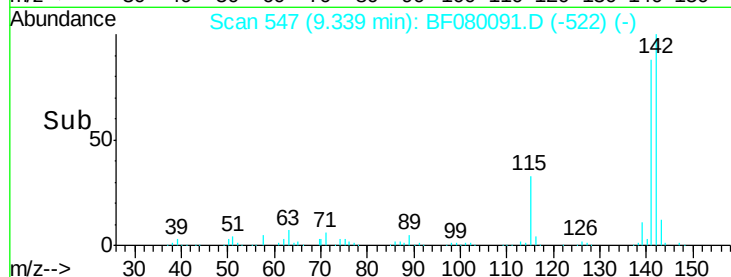
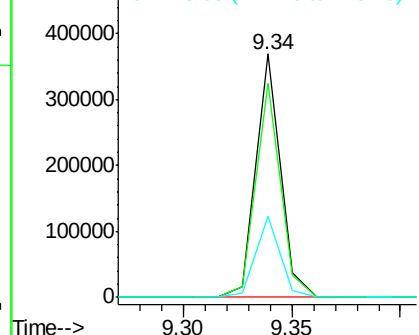
#37
2-Methylnaphthalene
Concen: 44.54 ng
RT: 9.34 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	67.5	101.3
115	33.4	18.2	27.2#

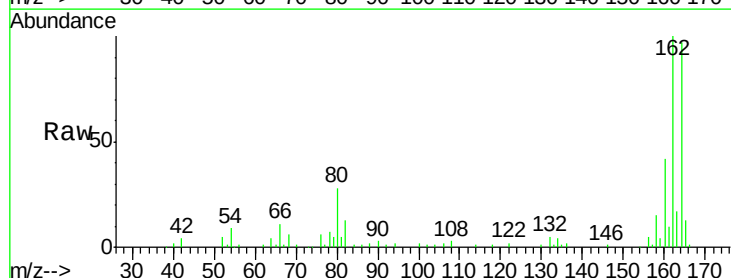


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

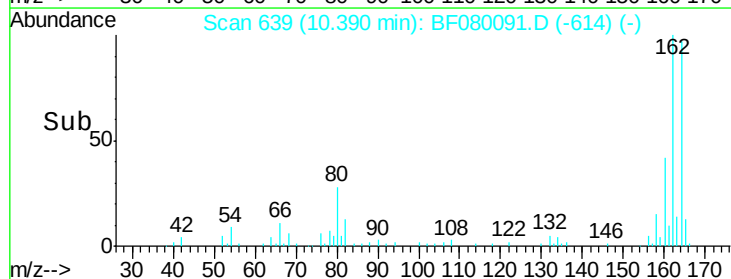
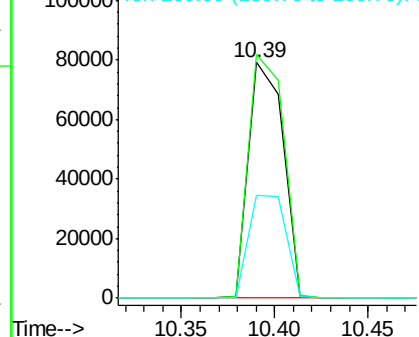


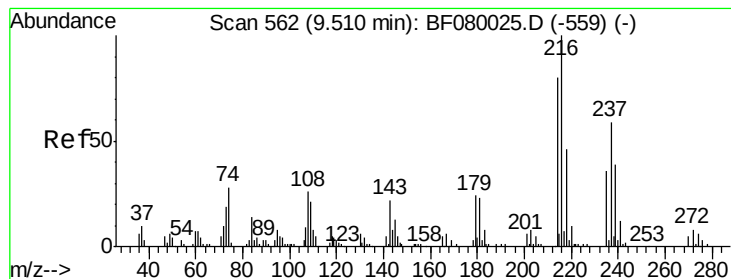
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	75.2	112.8
160	43.6	31.5	47.3



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: 45.85 ng

RT: 9.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 136360

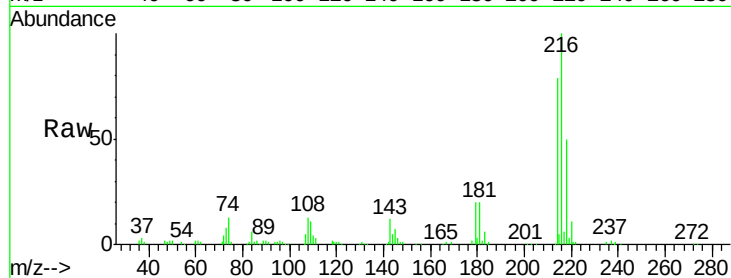
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 21.2 16.6 24.8

108 17.0 16.3 24.5

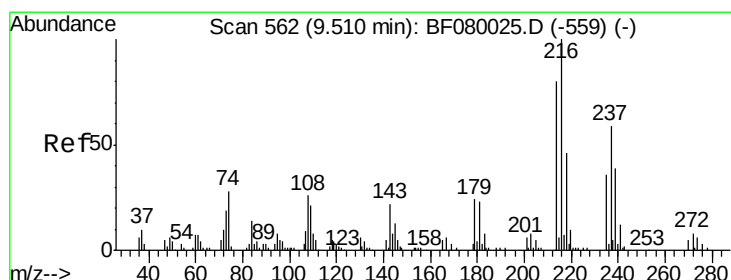
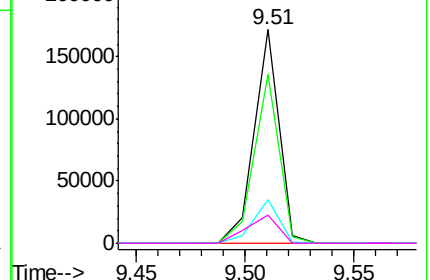
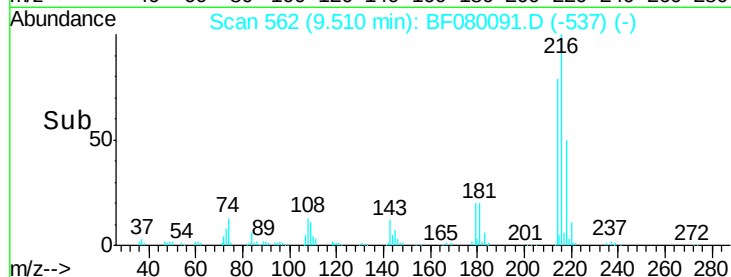


Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.84 ng

RT: 9.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

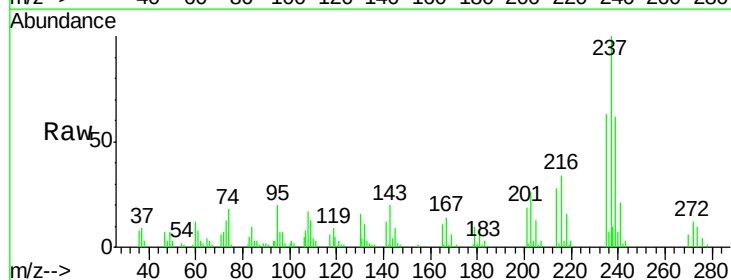
Tgt Ion:237 Resp: 45798

Ion Ratio Lower Upper

237 100

235 62.8 42.0 82.0

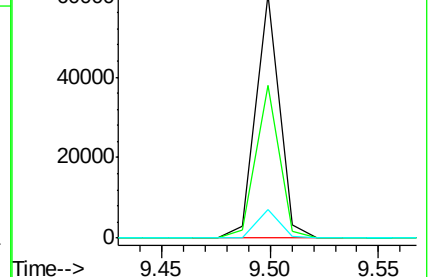
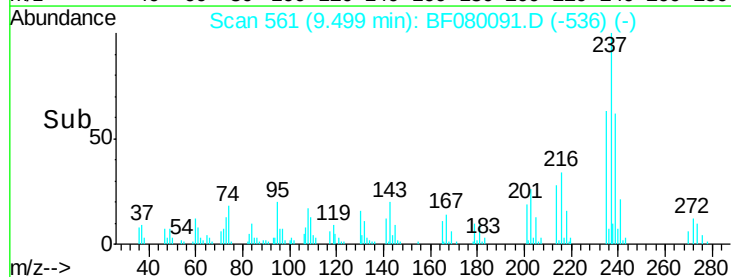
272 11.6 0.0 36.1

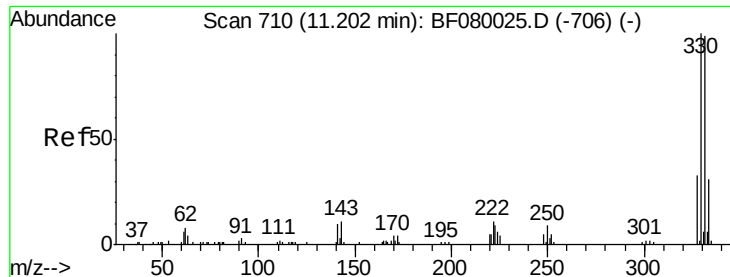


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

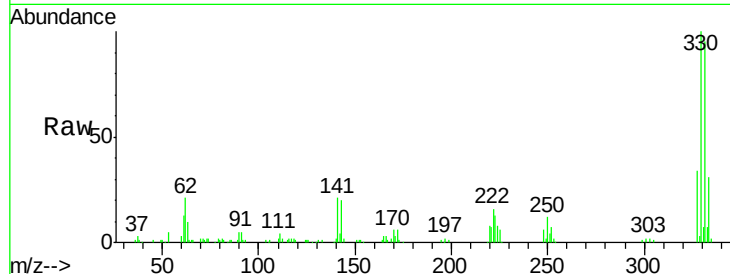




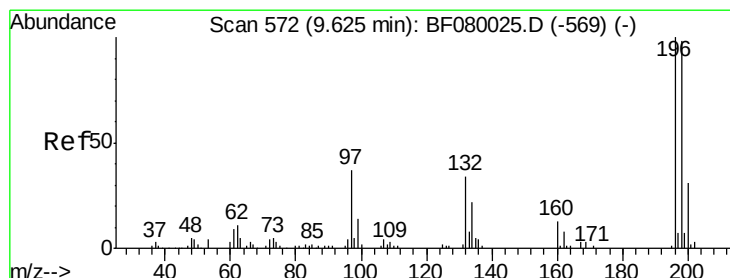
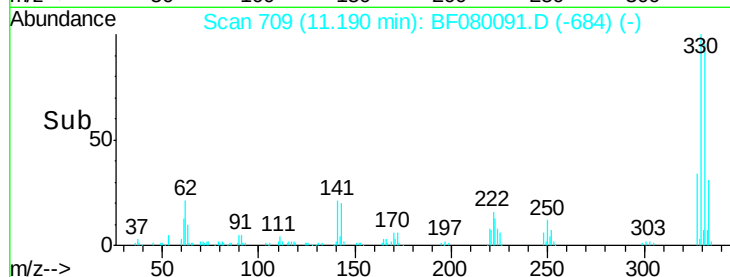
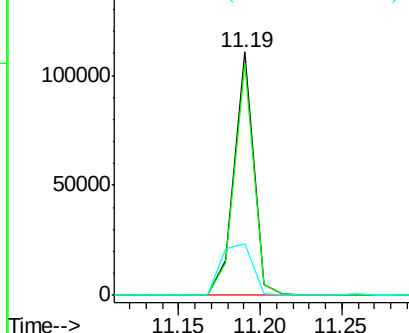
#41
 2,4,6-Tribromophenol
 Concen: 90.93 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 90866
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 34.0 29.7 44.5

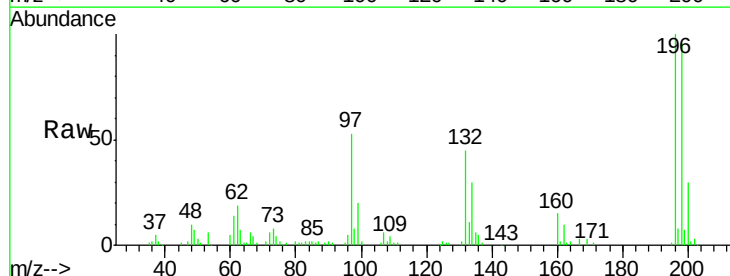


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

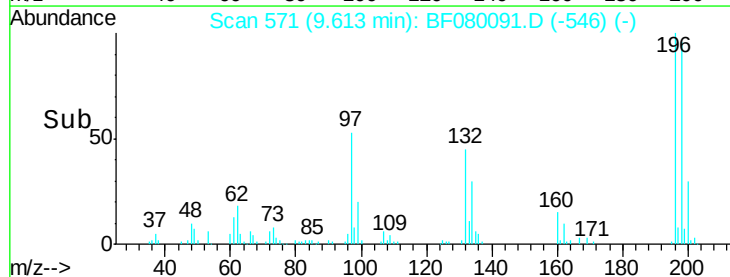
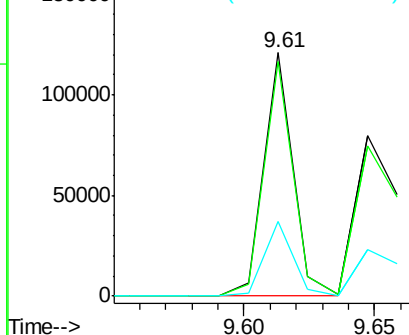


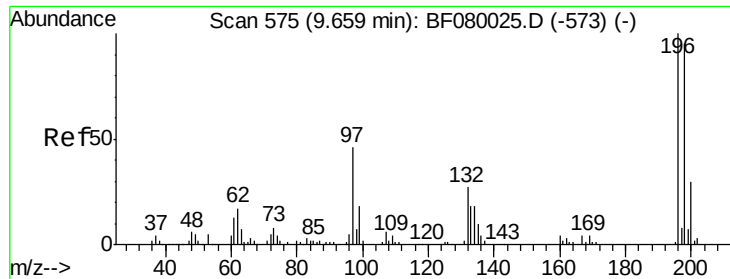
#42
 2,4,6-Trichlorophenol
 Concen: 46.87 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Tgt Ion:196 Resp: 94843
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 30.4 23.9 35.9



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

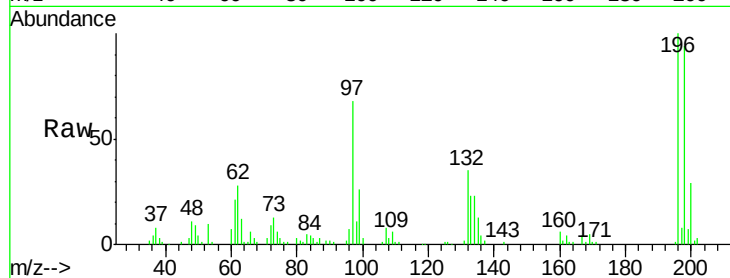




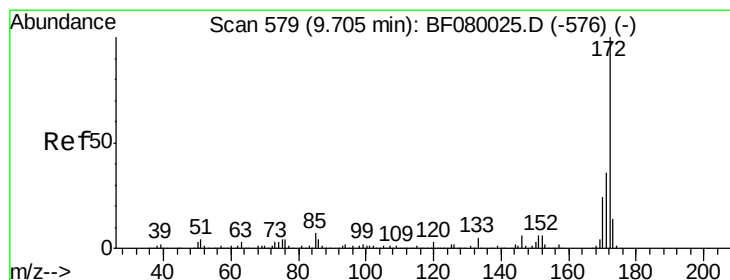
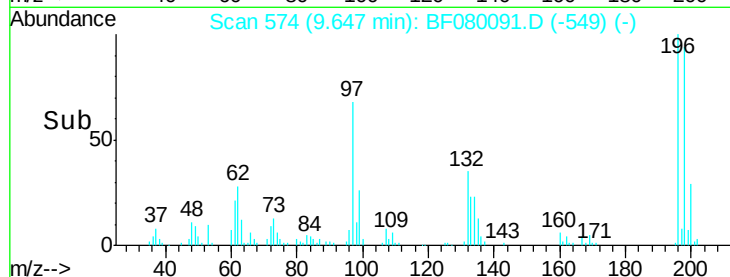
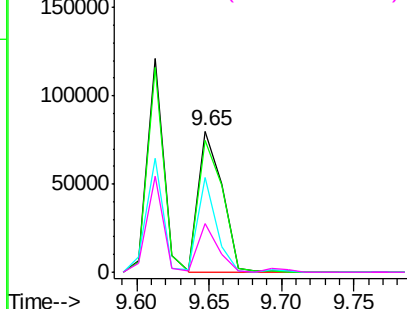
#43
 2,4,5-Trichlorophenol
 Concen: 39.48 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 92038
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.4 113.0
 97 67.5 33.3 49.9#
 132 35.0 24.6 37.0

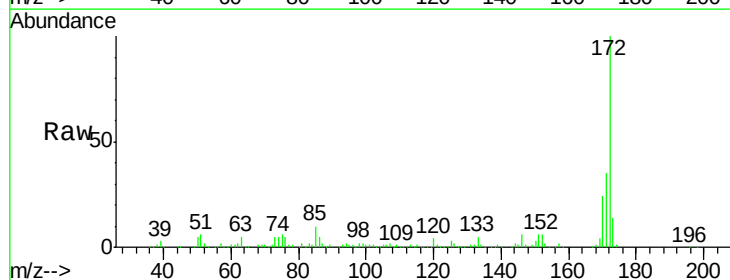


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

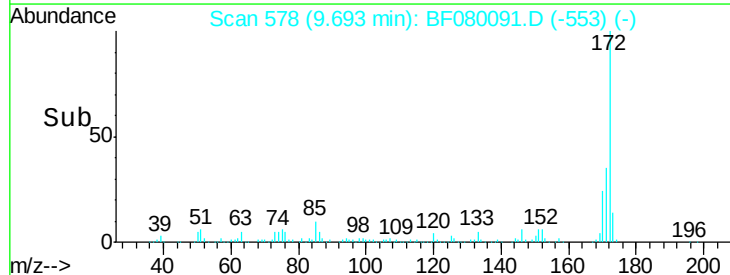
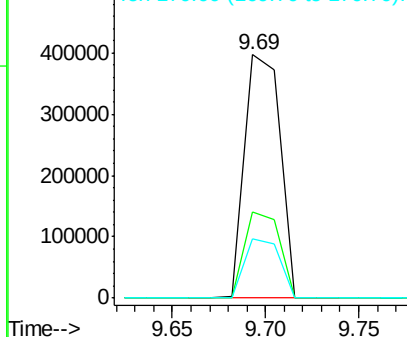


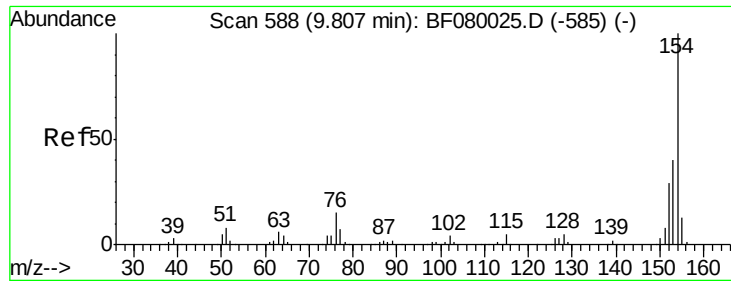
#44
 2-Fluorobiphenyl
 Concen: 73.99 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Tgt Ion:172 Resp: 530223
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.4 17.4 26.2



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

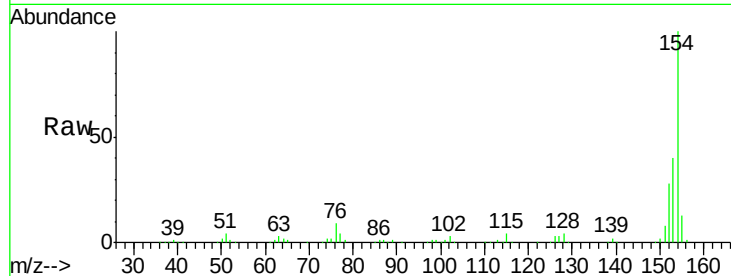




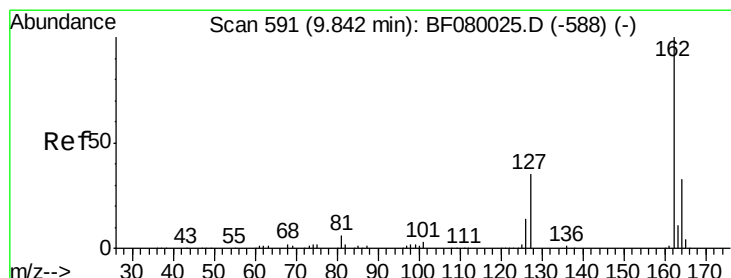
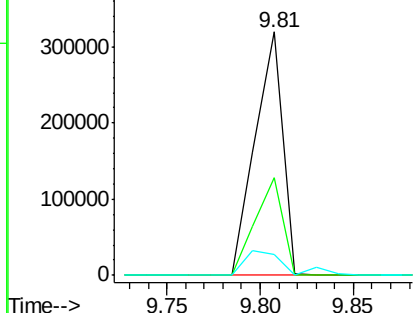
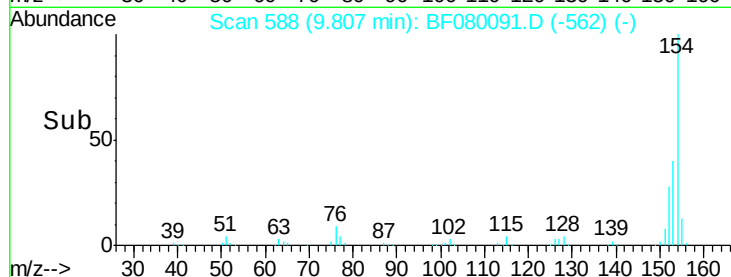
#45
 1,1'-Biphenyl
 Concen: 40.02 ng
 RT: 9.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 332774
 Ion Ratio Lower Upper
 154 100
 153 40.0 17.1 57.1
 76 8.6 0.0 31.6

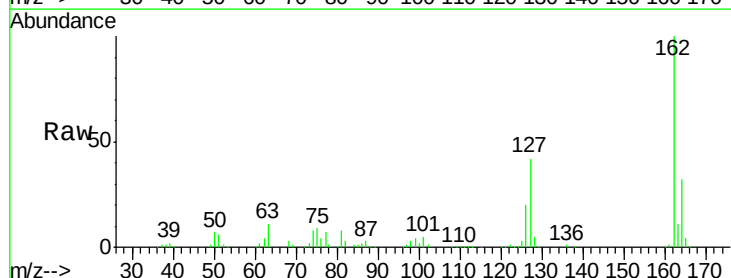


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

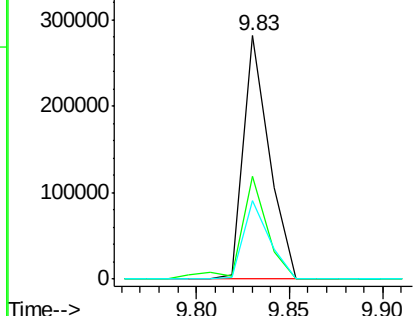
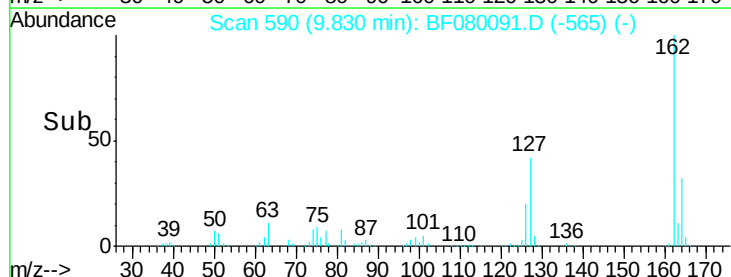


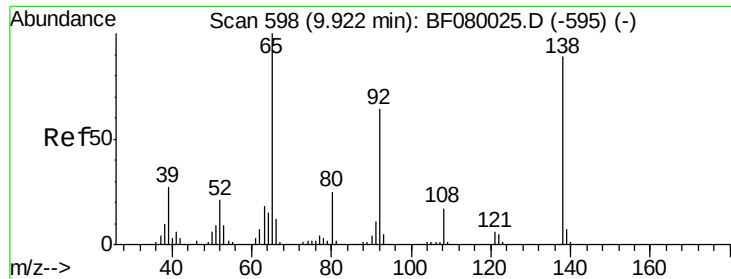
#46
 2-Chloronaphthalene
 Concen: 39.98 ng
 RT: 9.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Tgt Ion:162 Resp: 269701
 Ion Ratio Lower Upper
 162 100
 127 42.1 27.6 41.4#
 164 32.1 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

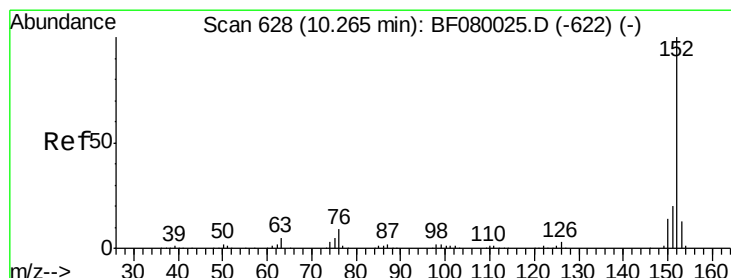
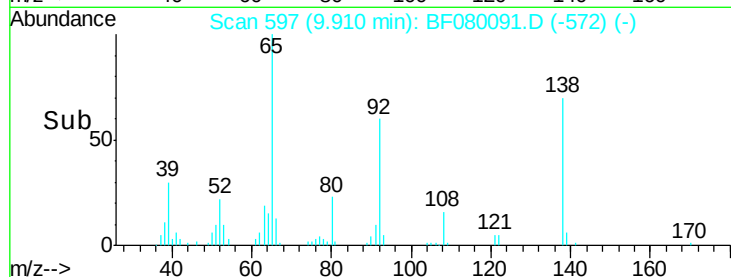
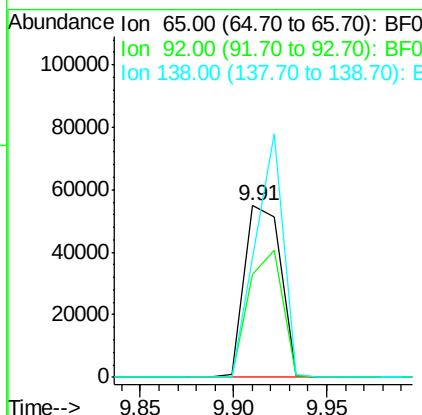
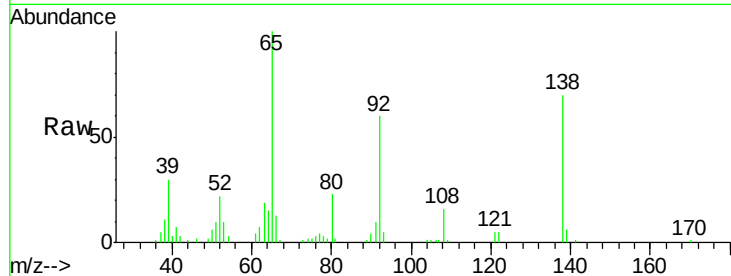




#47
2-Nitroaniline
Concen: 39.76 ng
RT: 9.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

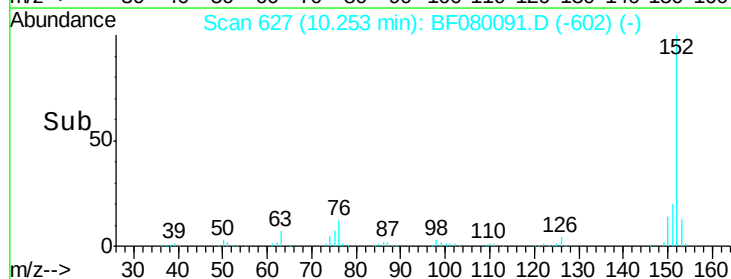
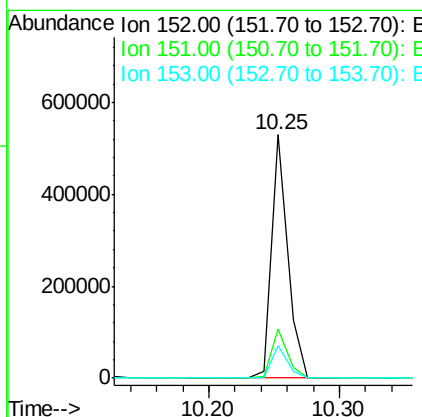
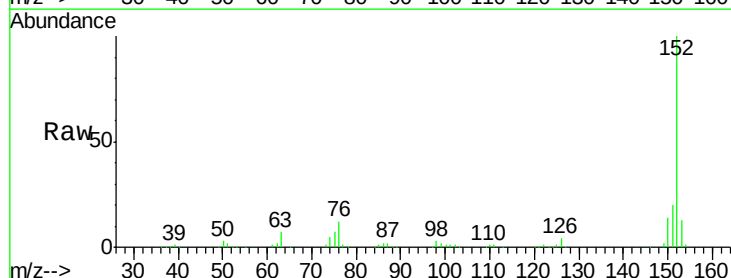
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

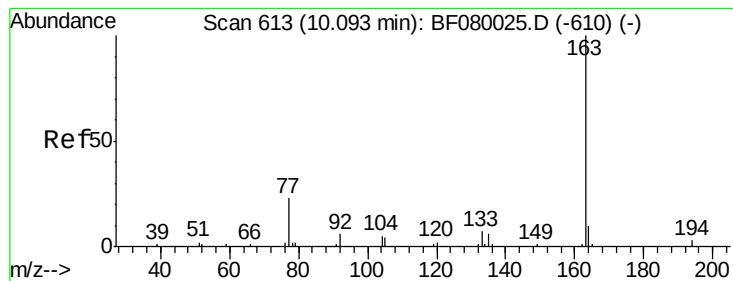
Tgt Ion: 65 Resp: 73633
Ion Ratio Lower Upper
65 100
92 60.1 55.4 83.0
138 69.6 115.5 173.3#



#48
Acenaphthylene
Concen: 40.95 ng
RT: 10.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

Tgt Ion: 152 Resp: 461055
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 13.5 10.3 15.5





#49

Dimethylphthalate

Concen: 41.78 ng

RT: 10.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

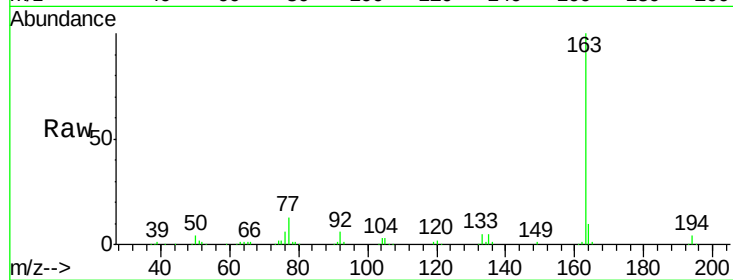
Tgt Ion:163 Resp: 320967

Ion Ratio Lower Upper

163 100

194 3.9 4.4 6.6#

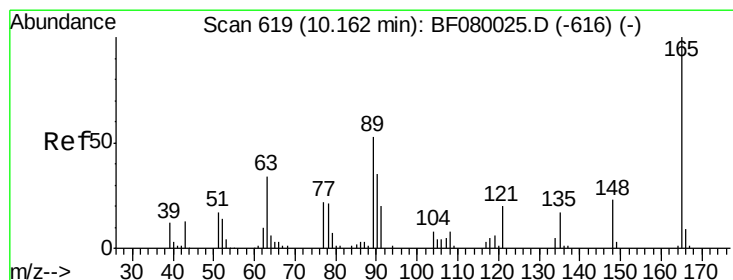
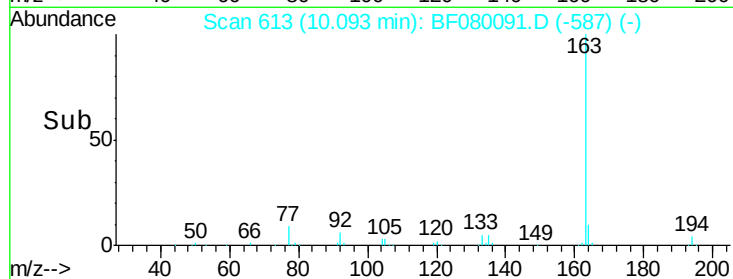
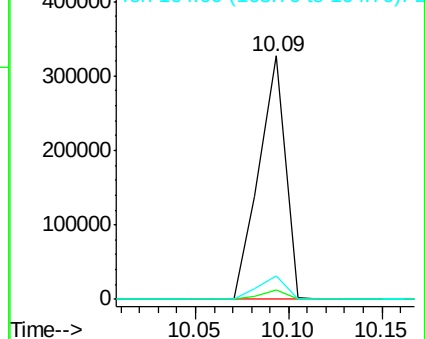
164 9.9 8.3 12.5



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: 39.53 ng

RT: 10.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

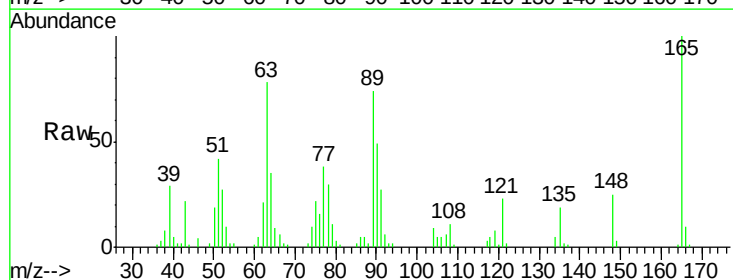
Tgt Ion:165 Resp: 60883

Ion Ratio Lower Upper

165 100

63 77.7 32.3 48.5#

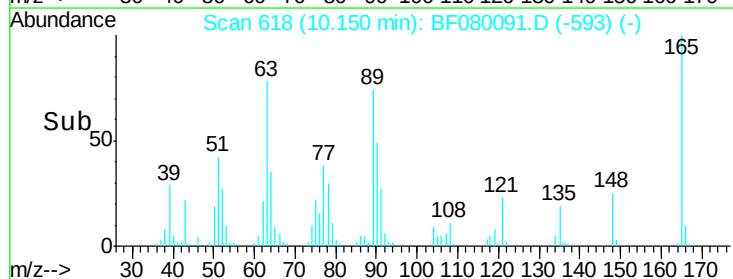
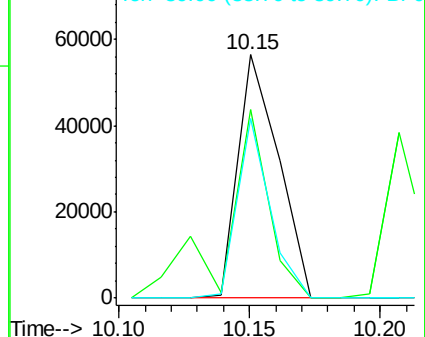
89 73.8 28.6 43.0#

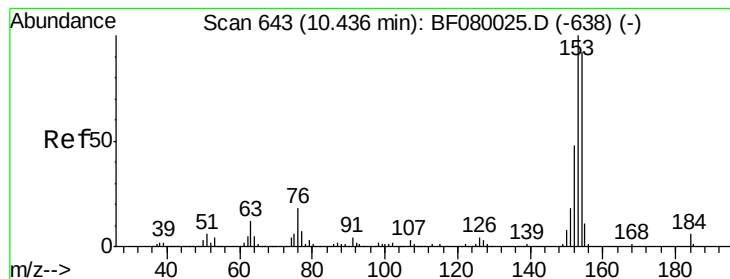


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.34 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

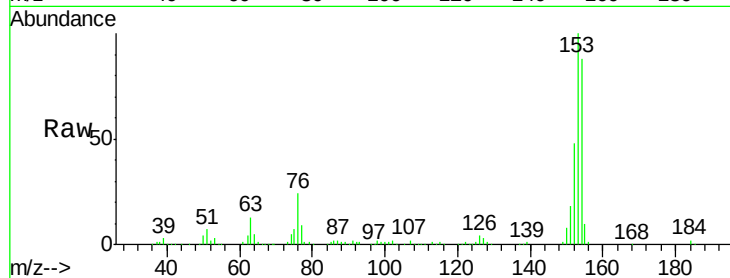
Tgt Ion:154 Resp: 270993

Ion Ratio Lower Upper

154 100

153 114.0 82.1 123.1

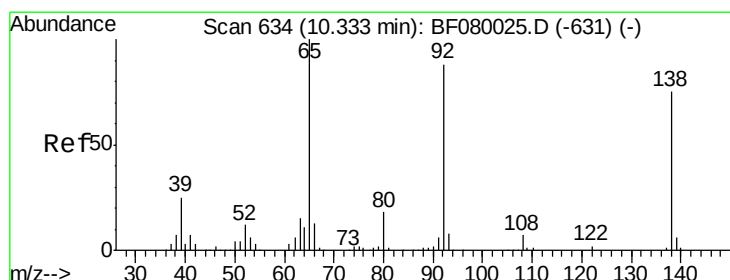
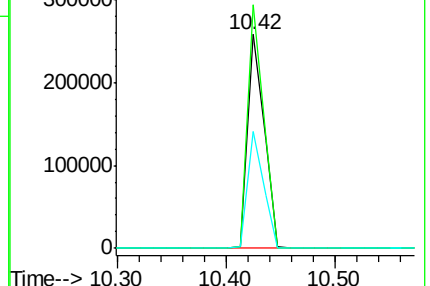
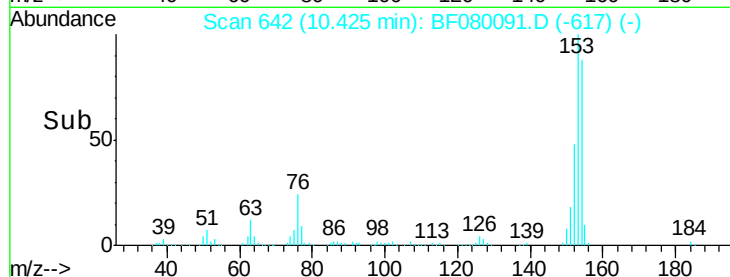
152 54.6 37.9 56.9



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: 41.00 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

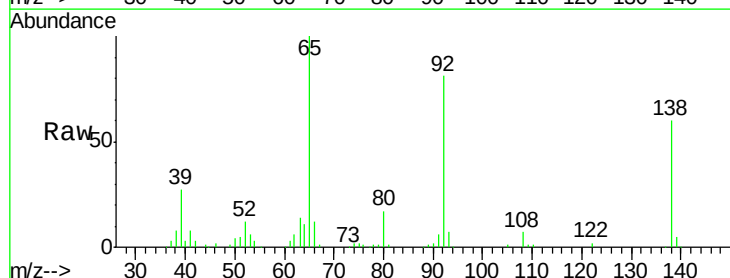
Tgt Ion:138 Resp: 72864

Ion Ratio Lower Upper

138 100

108 11.5 5.7 8.5#

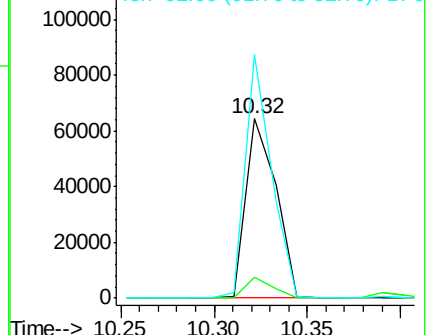
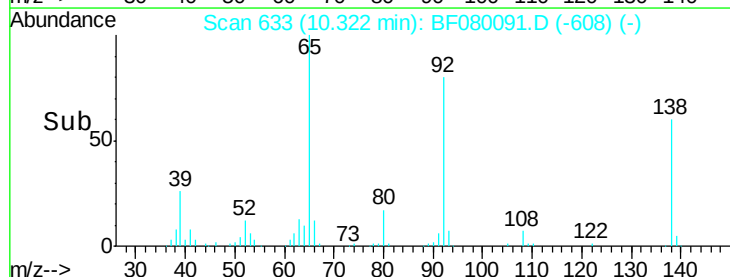
92 135.6 67.7 101.5#

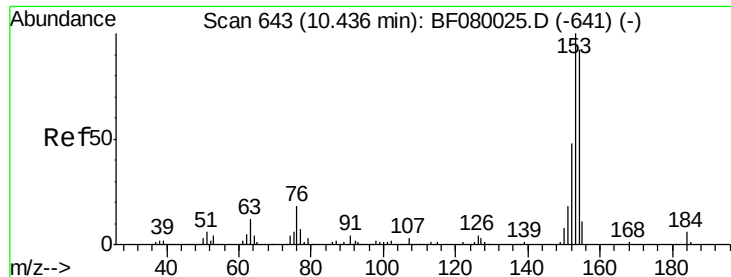


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

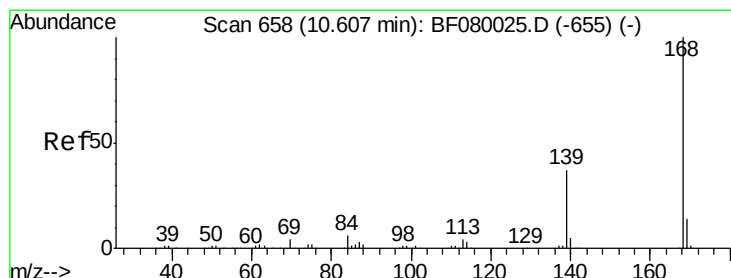
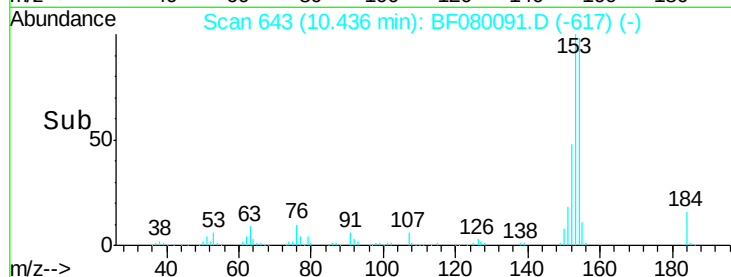
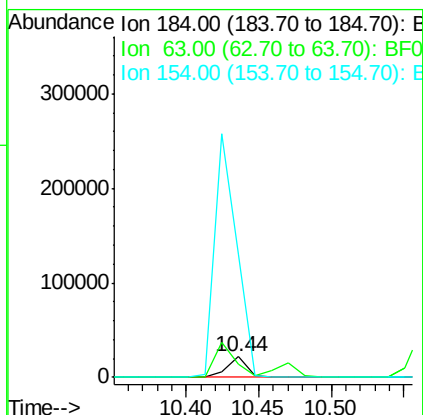
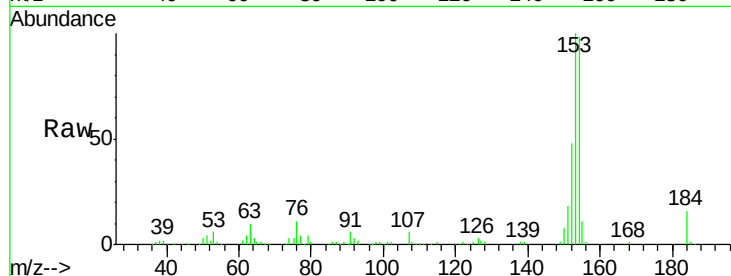




#53
 2,4-Dinitrophenol
 Concen: 37.85 ng
 RT: 10.44 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

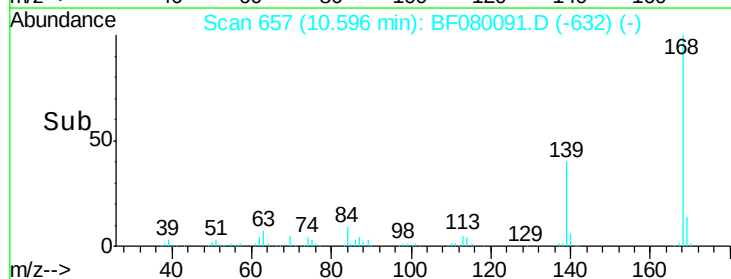
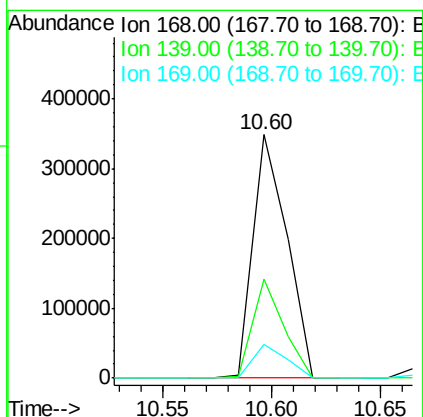
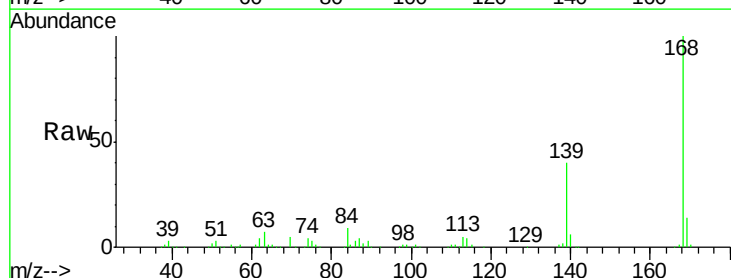
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

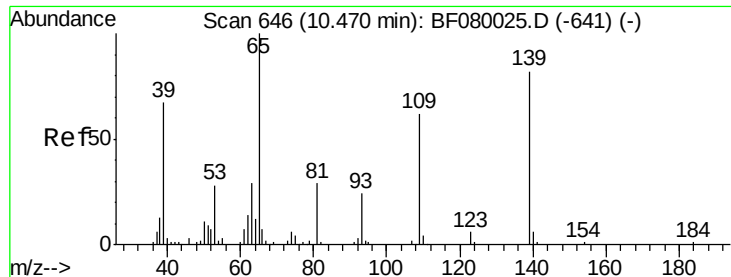
Tgt Ion:184 Resp: 21653
 Ion Ratio Lower Upper
 184 100
 63 64.6 35.4 53.2#
 154 609.5 32.2 48.4#



#54
 Dibenzofuran
 Concen: 38.76 ng
 RT: 10.60 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Tgt Ion:168 Resp: 378852
 Ion Ratio Lower Upper
 168 100
 139 40.4 24.2 36.2#
 169 13.9 10.6 15.8





#55

4-Nitrophenol

Concen: 44.50 ng

RT: 10.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

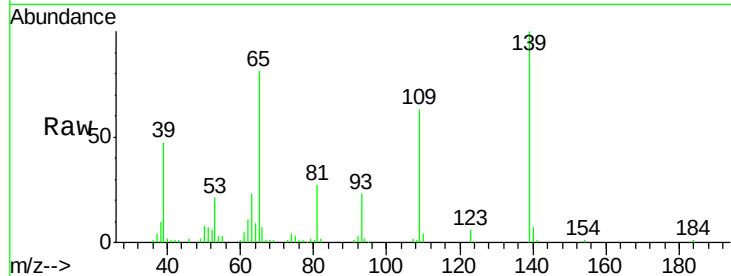
Tgt Ion:139 Resp: 63208

Ion Ratio Lower Upper

139 100

109 62.9 12.7 52.7#

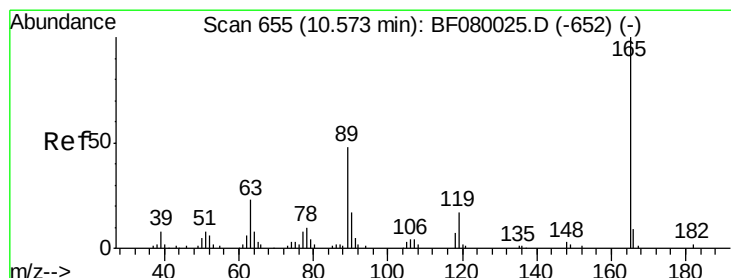
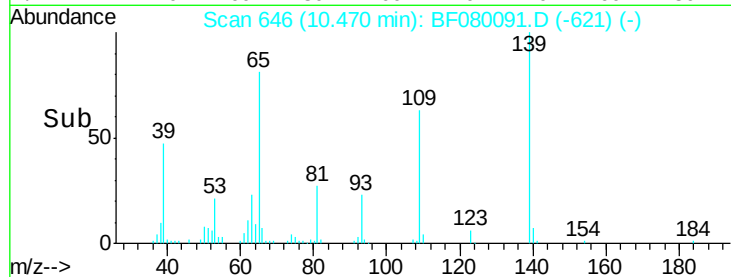
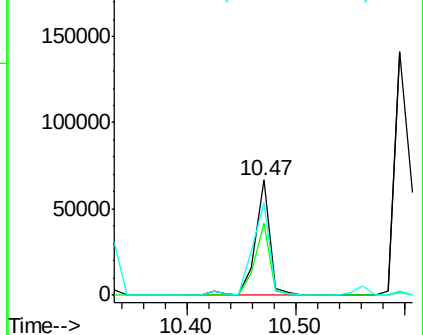
65 80.8 45.9 85.9



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: 48.25 ng

RT: 10.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Tgt Ion:165 Resp: 94299

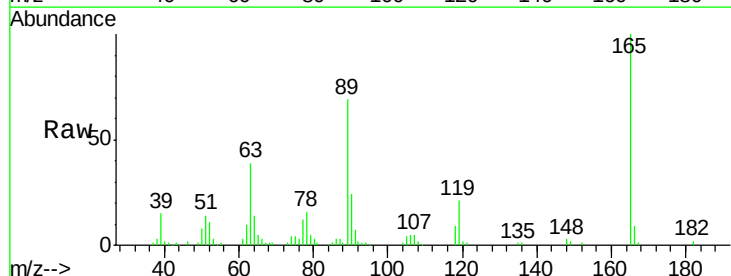
Ion Ratio Lower Upper

165 100

63 39.0 29.8 44.6

89 69.0 44.5 66.7#

182 2.1 3.0 4.4#

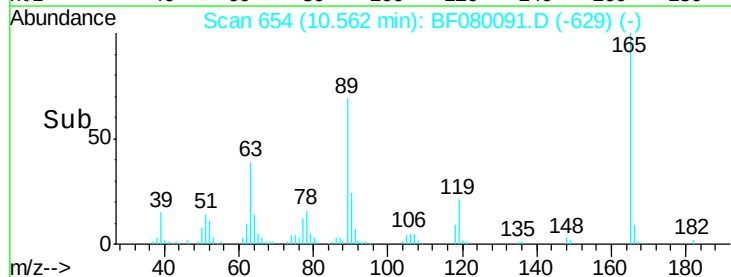
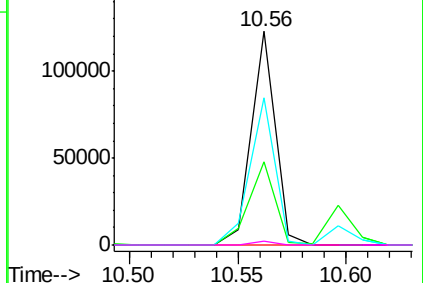


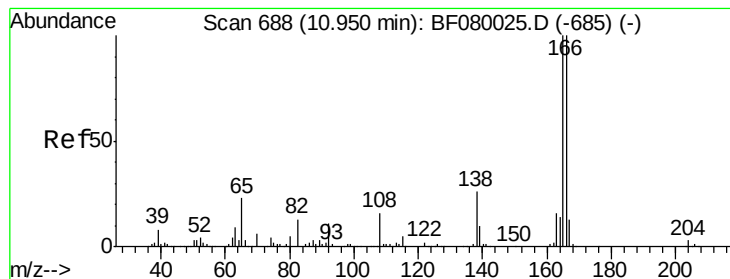
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.15 ng

RT: 10.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

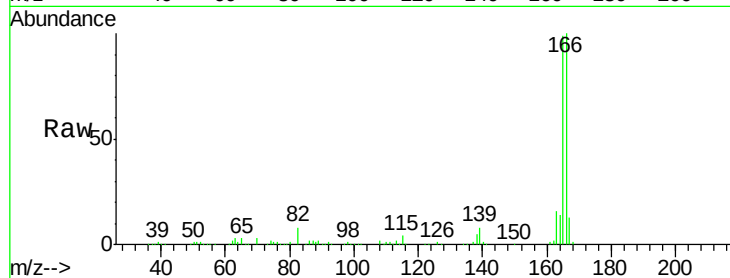
Tgt Ion:166 Resp: 334636

Ion Ratio Lower Upper

166 100

165 98.9 72.6 109.0

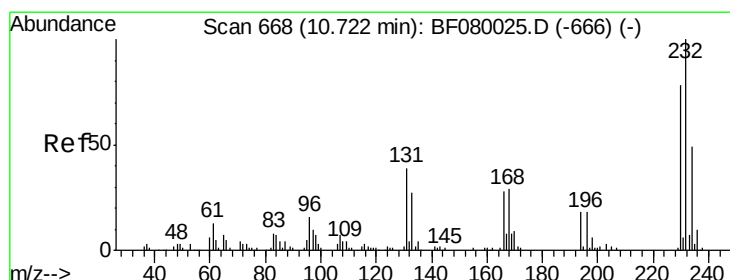
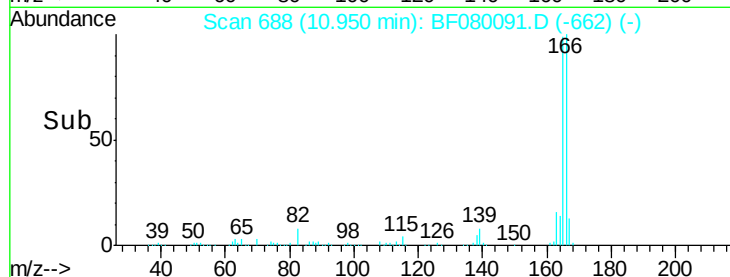
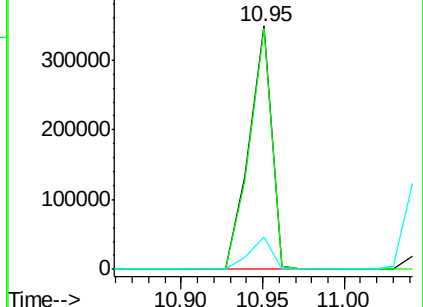
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.30 ng

RT: 10.71 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Tgt Ion:232 Resp: 79316

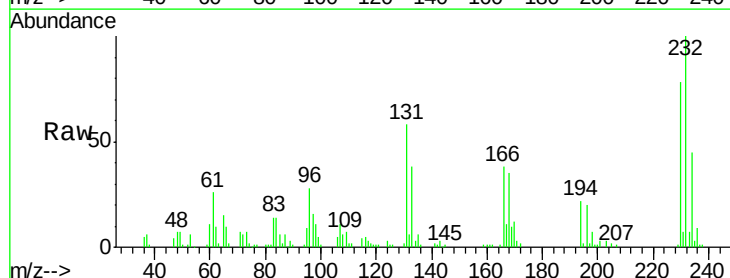
Ion Ratio Lower Upper

232 100

131 46.3 38.5 57.7

130 1.9 1.8 2.6

166 31.9 25.0 37.6

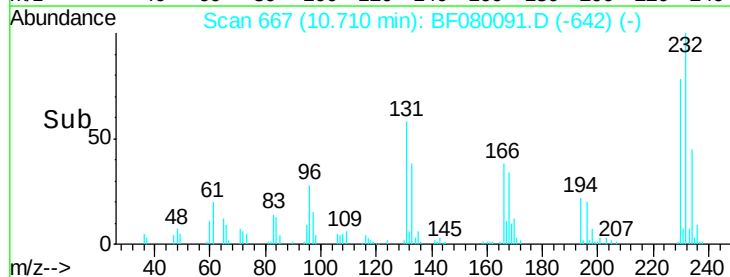
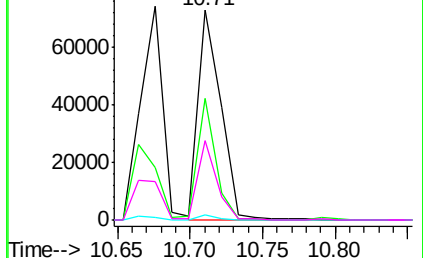


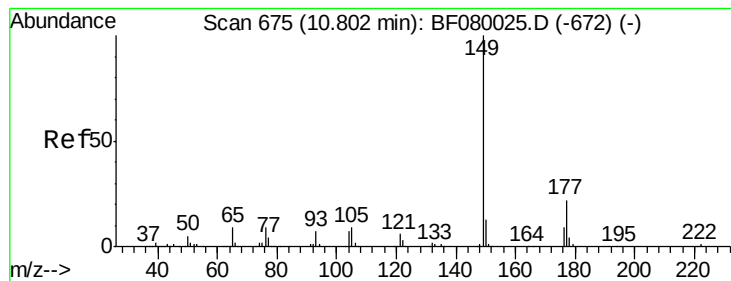
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.19 ng

RT: 10.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

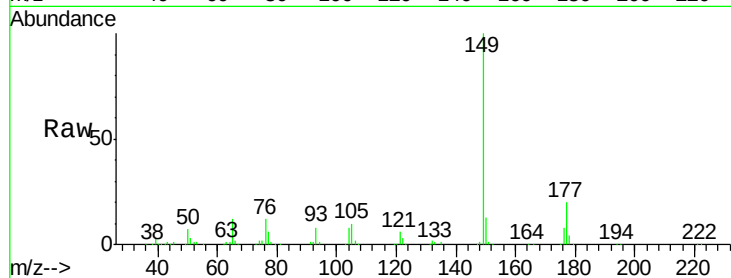
Tgt Ion:149 Resp: 303162

Ion Ratio Lower Upper

149 100

177 19.9 17.5 26.3

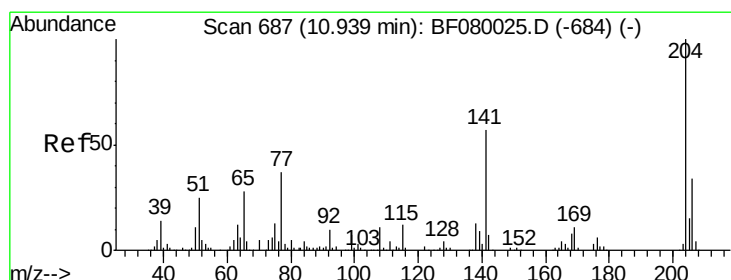
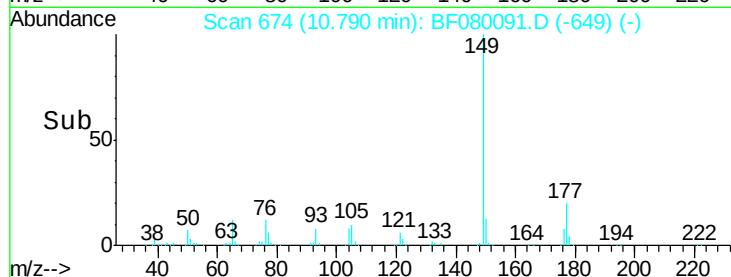
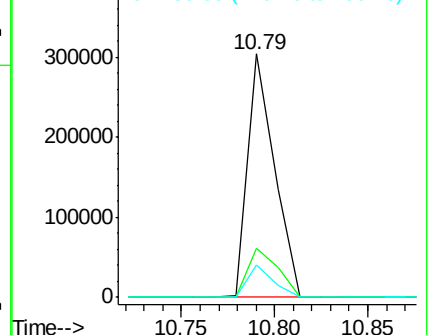
150 13.1 9.4 14.2



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: 40.40 ng

RT: 10.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

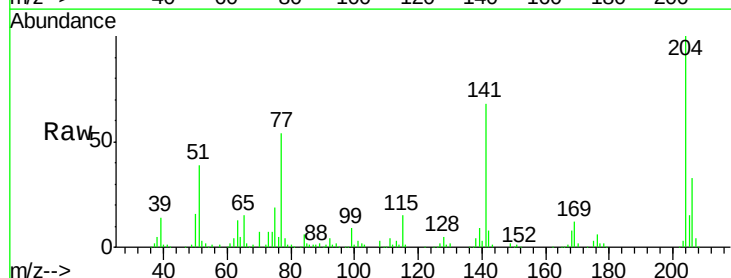
Tgt Ion:204 Resp: 150575

Ion Ratio Lower Upper

204 100

206 33.1 24.8 37.2

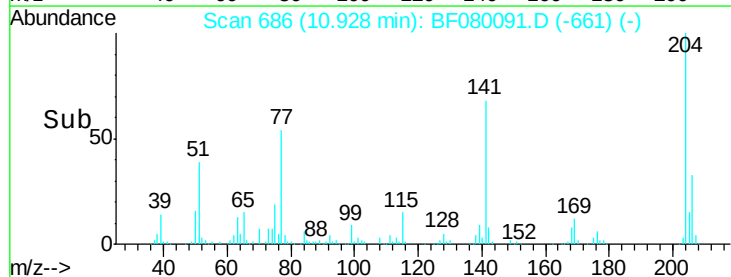
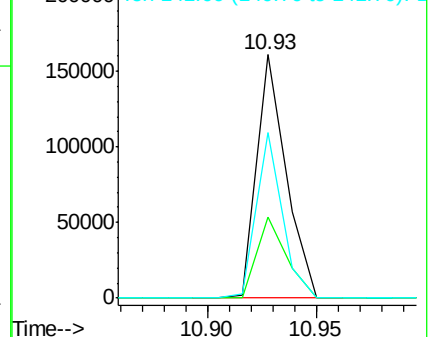
141 68.2 42.2 63.4#

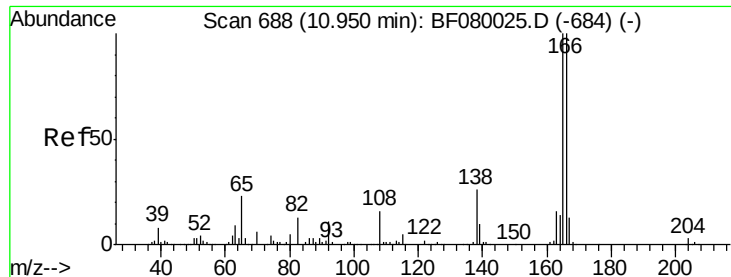


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.31 ng

RT: 10.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

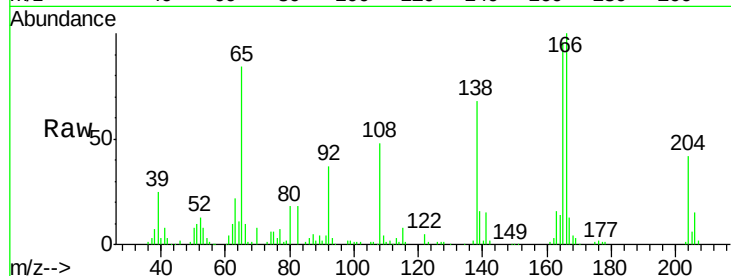
Tgt Ion:138 Resp: 77653

Ion Ratio Lower Upper

138 100

92 54.5 12.6 52.6#

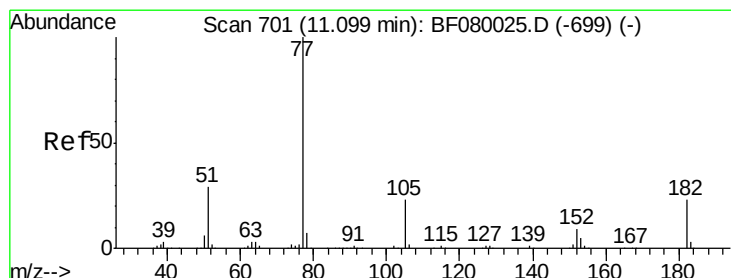
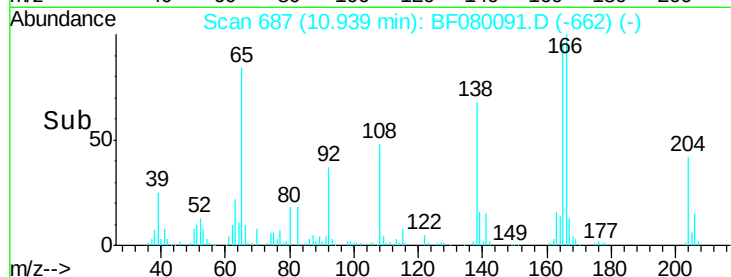
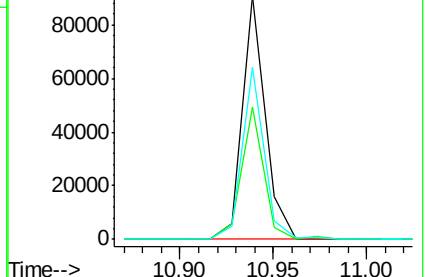
108 70.7 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.25 ng

RT: 11.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Tgt Ion: 77 Resp: 316954

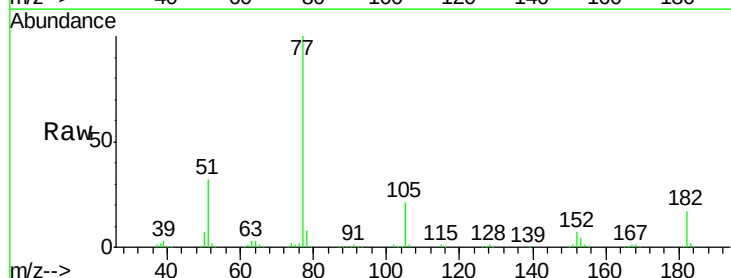
Ion Ratio Lower Upper

77 100

182 16.6 15.1 55.1

105 20.9 3.4 43.4

51 32.0 12.0 52.0

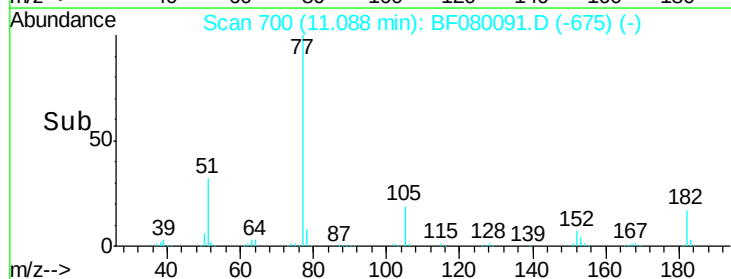
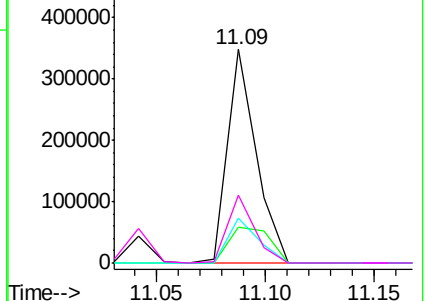


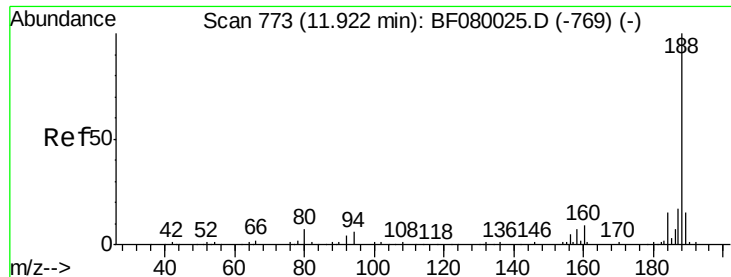
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

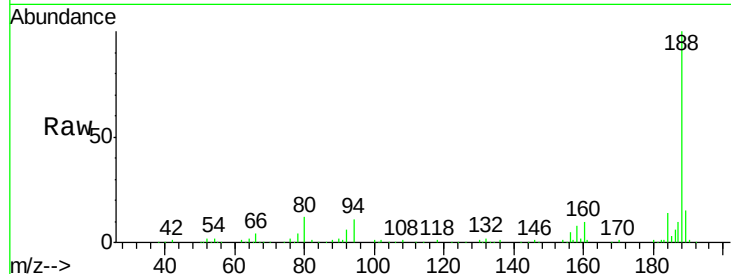




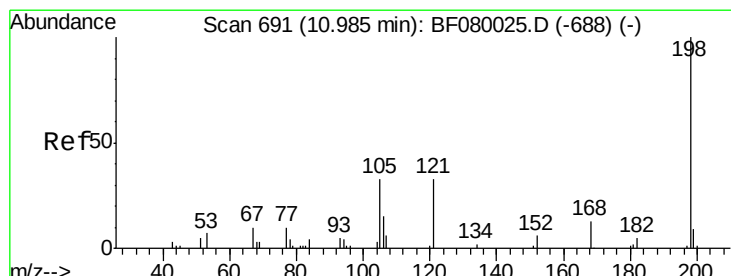
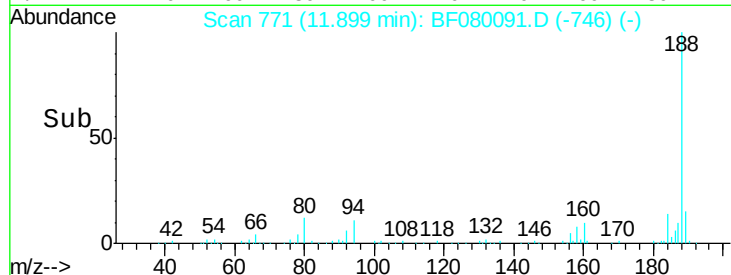
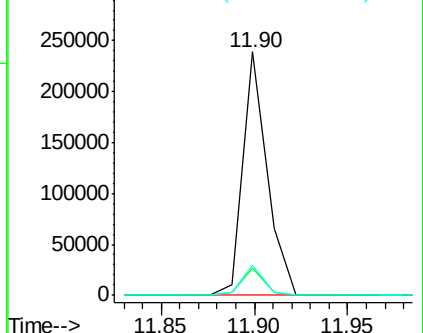
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:188 Resp: 216486
 Ion Ratio Lower Upper
 188 100
 94 11.1 11.1 16.7#
 80 12.2 11.0 16.4

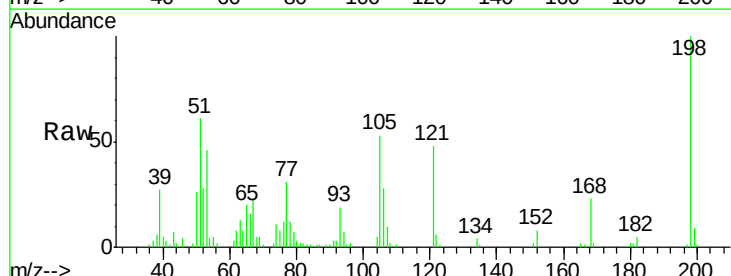


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

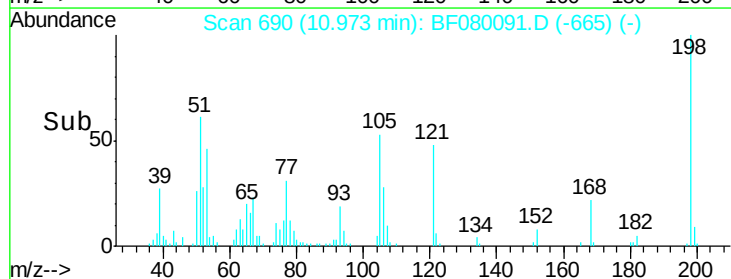
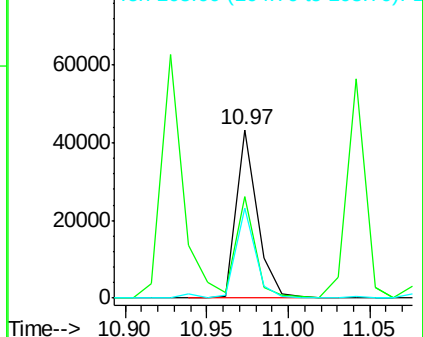


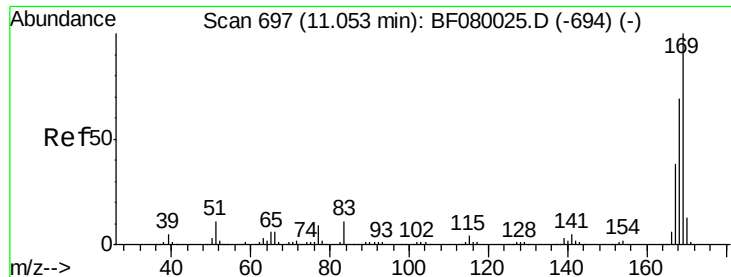
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.98 ng
 RT: 10.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Tgt Ion:198 Resp: 38001
 Ion Ratio Lower Upper
 198 100
 51 60.7 39.6 79.6
 105 53.3 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

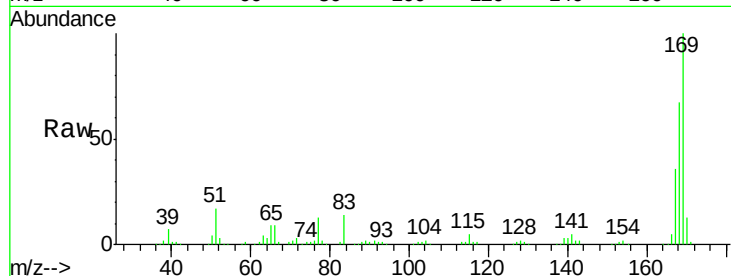




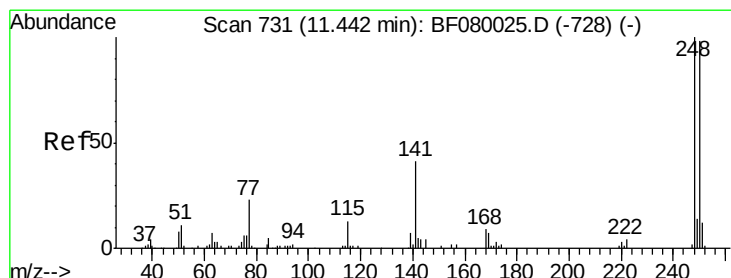
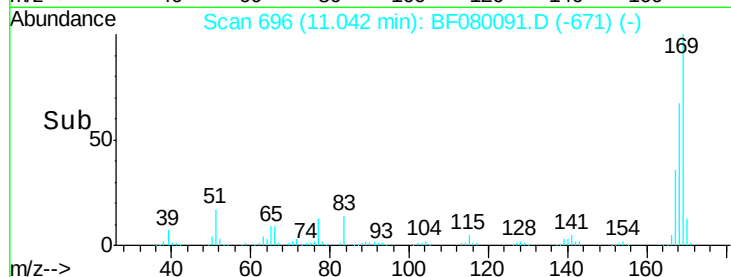
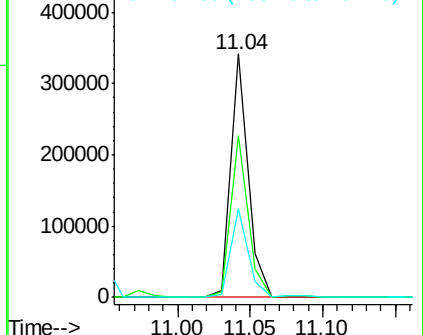
#65
 n-Nitrosodiphenylamine
 Concen: 40.35 ng
 RT: 11.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:169 Resp: 284411
 Ion Ratio Lower Upper
 169 100
 168 66.6 48.9 73.3
 167 36.2 26.2 39.4

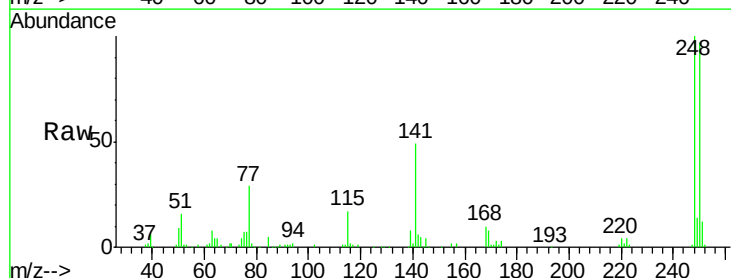


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

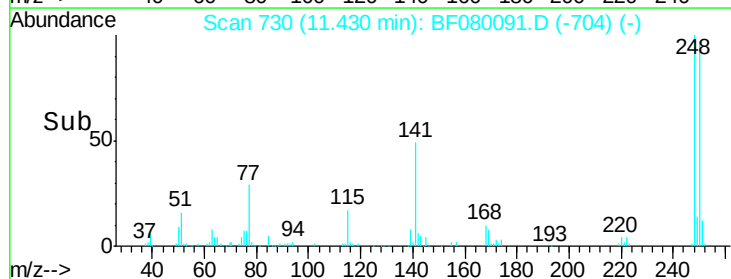
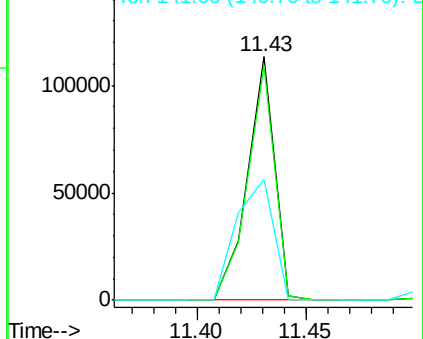


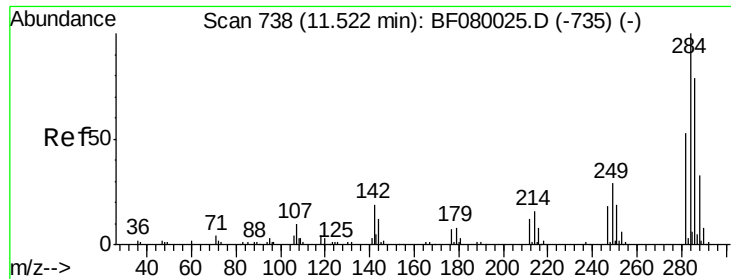
#66
 4-Bromophenyl-phenylether
 Concen: 42.64 ng
 RT: 11.43 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Tgt Ion:248 Resp: 98158
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.5 117.7
 141 49.4 59.0 88.6#



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

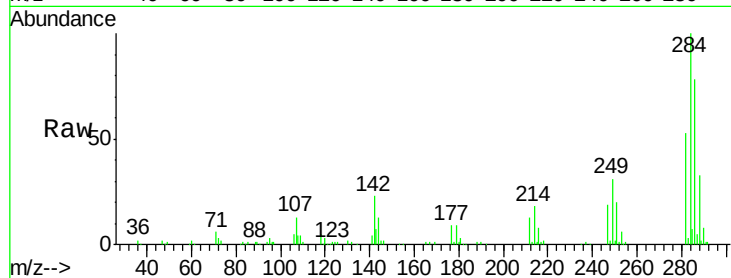




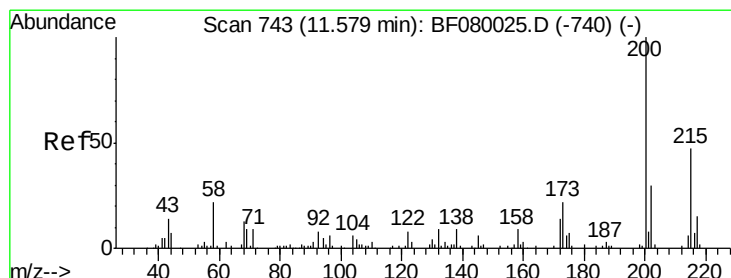
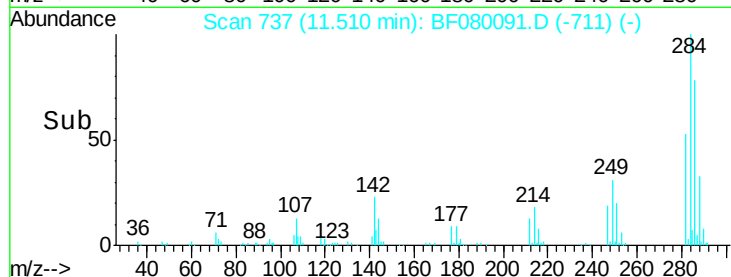
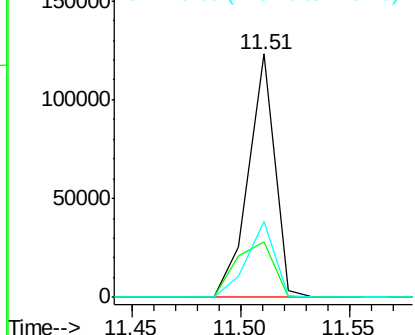
#67
Hexachlorobenzene
Concen: 40.87 ng
RT: 11.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 104561
Ion Ratio Lower Upper
284 100
142 22.7 29.5 44.3#
249 31.1 19.5 29.3#

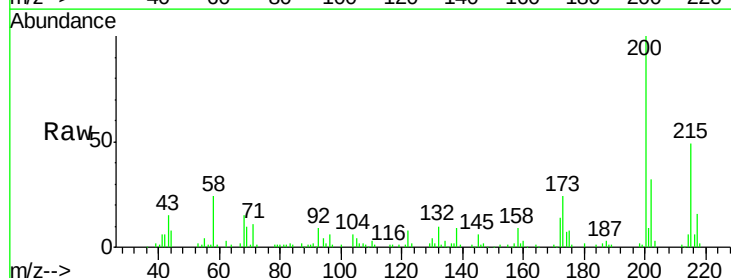


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

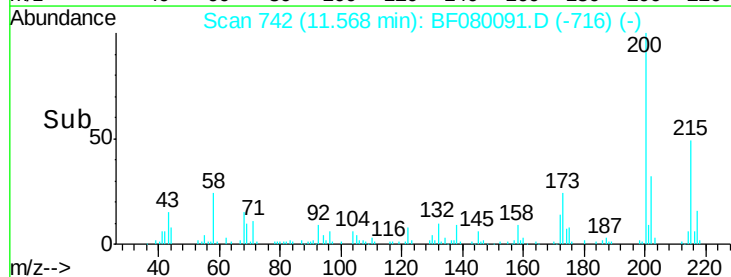
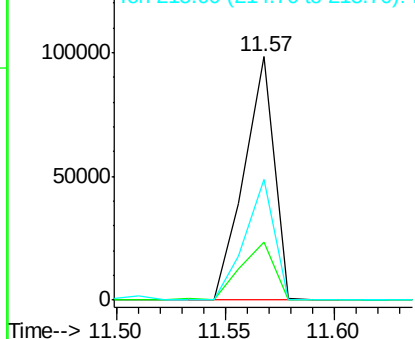


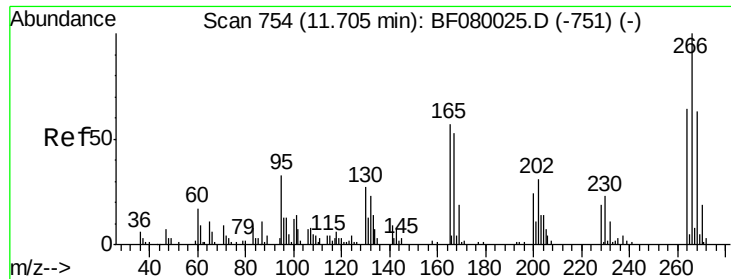
#68
Atrazine
Concen: 42.56 ng
RT: 11.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

Tgt Ion:200 Resp: 94785
Ion Ratio Lower Upper
200 100
173 23.6 13.2 53.2
215 49.5 41.8 81.8



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

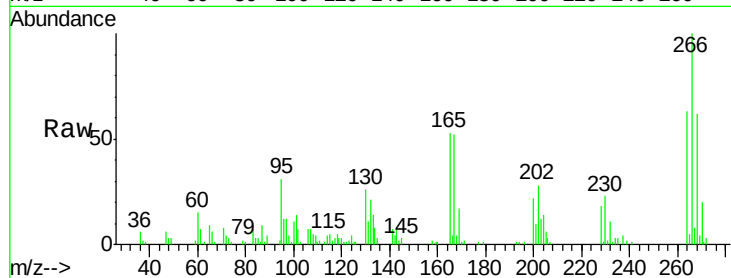




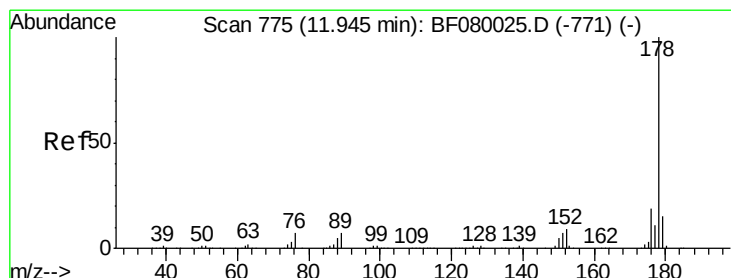
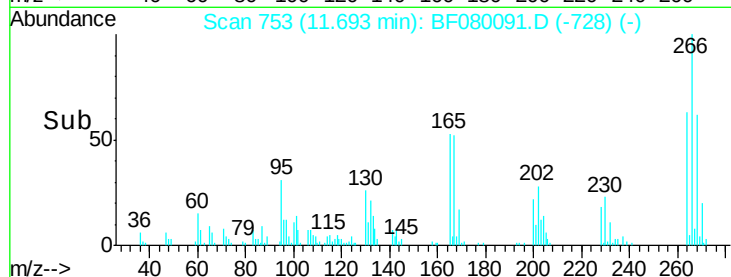
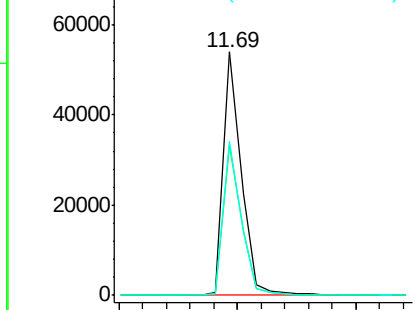
#69
 Pentachlorophenol
 Concen: 38.66 ng
 RT: 11.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 56042
 Ion Ratio Lower Upper
 266 100
 268 61.6 49.8 74.6
 264 63.1 50.2 75.2

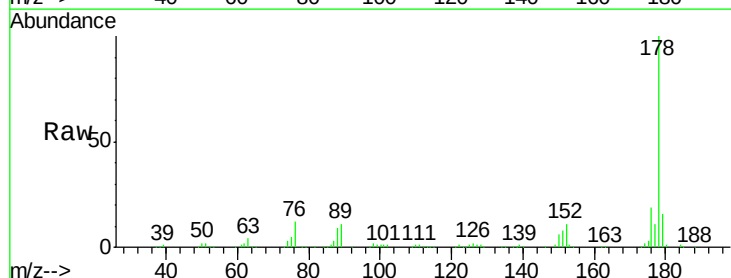


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

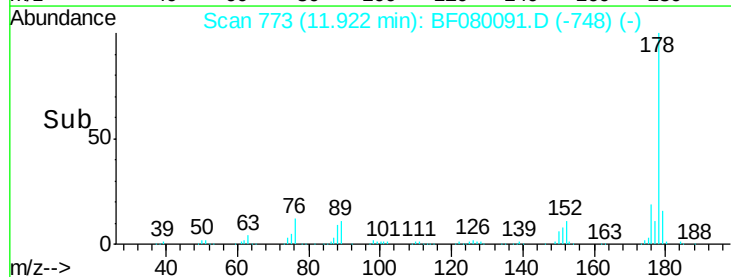
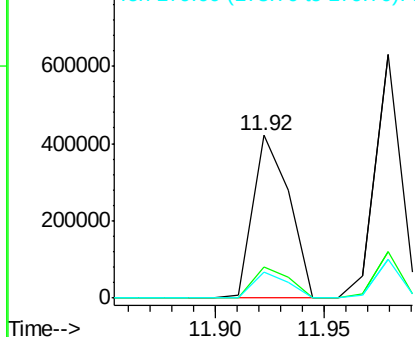


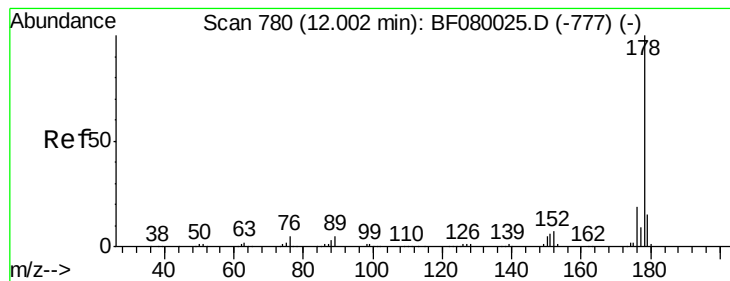
#70
 Phenanthrene
 Concen: 37.15 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Tgt Ion: 178 Resp: 486927
 Ion Ratio Lower Upper
 178 100
 176 19.3 13.8 20.8
 179 16.0 12.2 18.2



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





#71

Anthracene

Concen: 41.20 ng

RT: 11.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

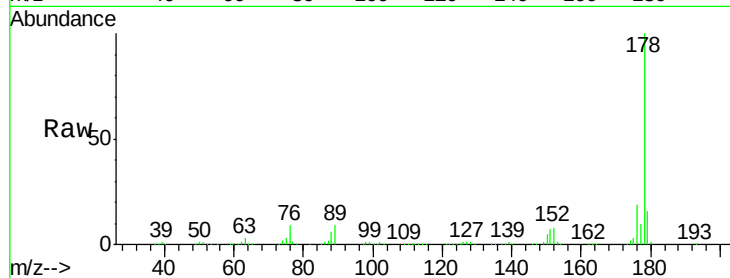
Tgt Ion:178 Resp: 519935

Ion Ratio Lower Upper

178 100

176 19.2 14.1 21.1

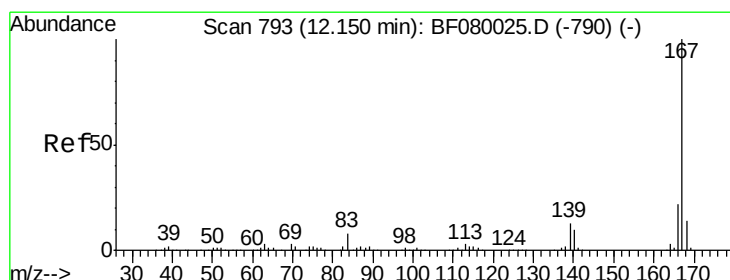
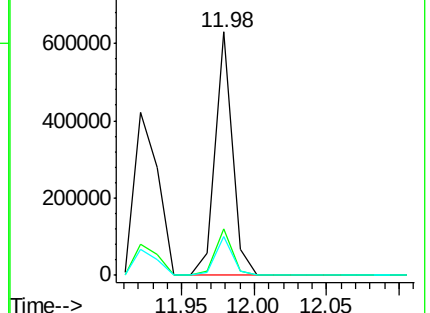
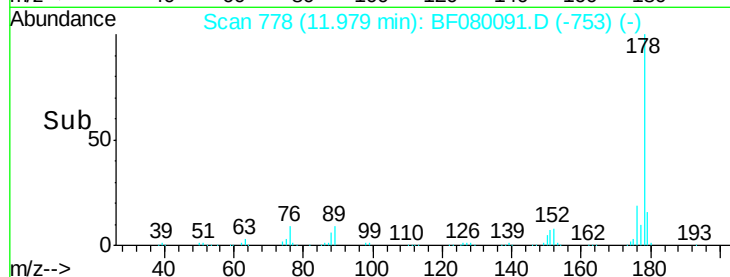
179 15.8 12.2 18.2



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: 38.30 ng

RT: 12.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

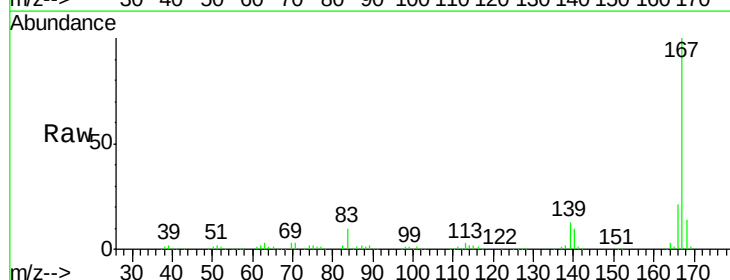
Tgt Ion:167 Resp: 461413

Ion Ratio Lower Upper

167 100

166 21.5 15.7 23.5

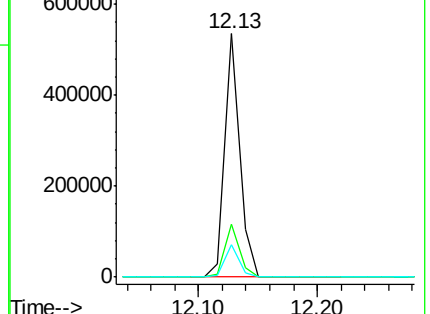
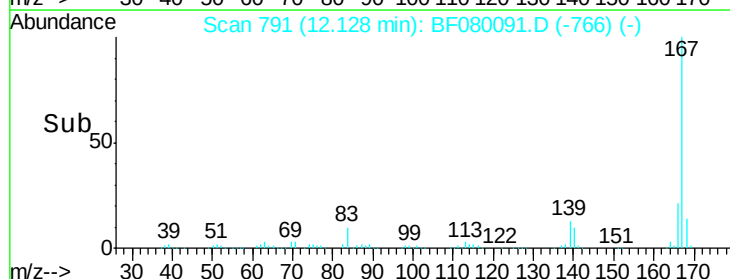
139 13.3 9.5 14.3

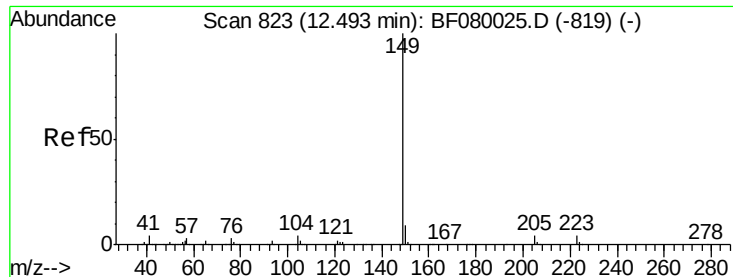


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.80 ng

RT: 12.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

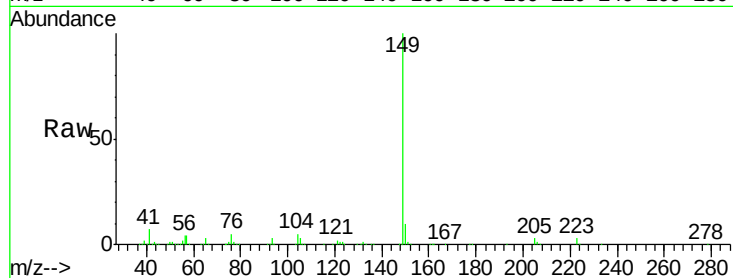
Tgt Ion:149 Resp: 581823

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

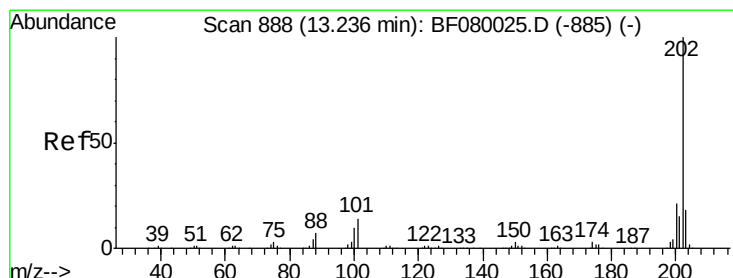
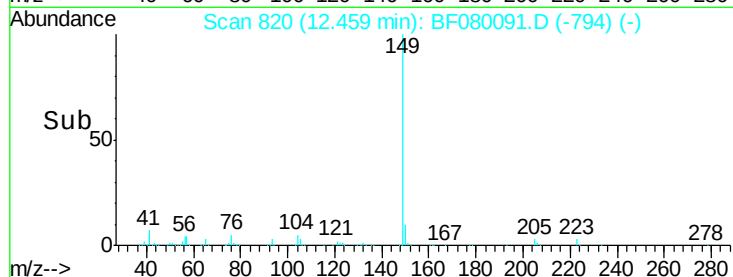
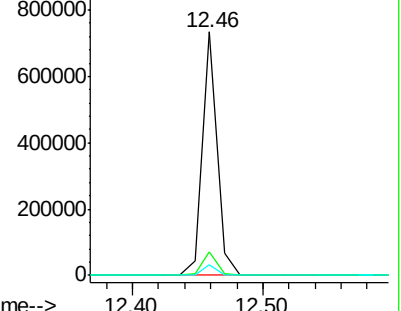
104 4.6 2.4 3.6#



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: 39.24 ng

RT: 13.19 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

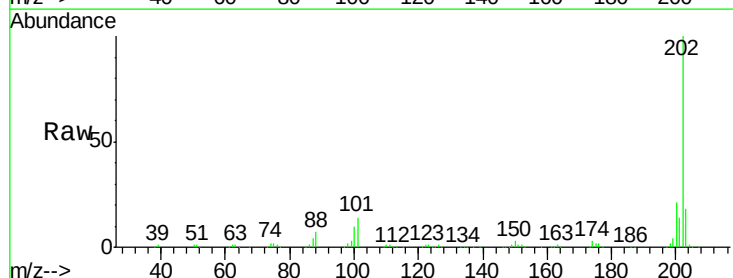
Tgt Ion:202 Resp: 547691

Ion Ratio Lower Upper

202 100

101 13.8 0.0 38.3

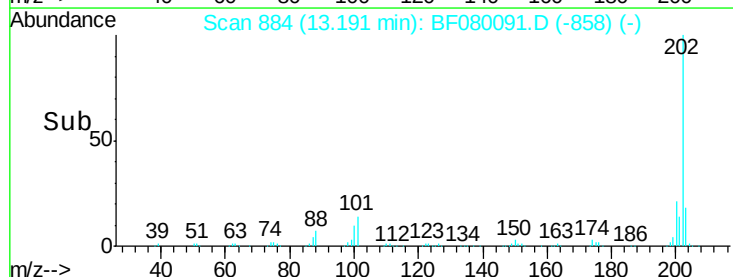
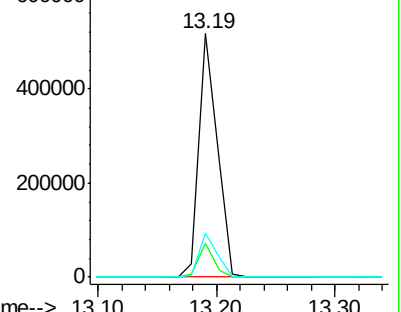
203 17.9 0.0 37.3

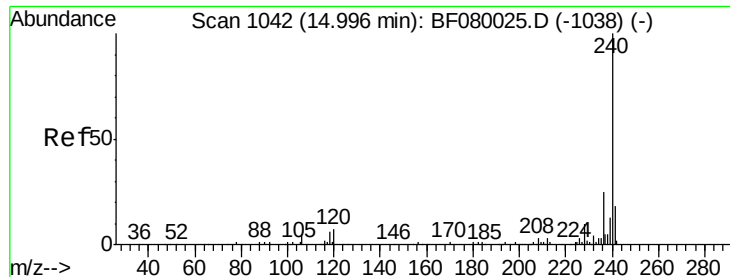


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.89 min Scan# 1033

Delta R.T. 0.03 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

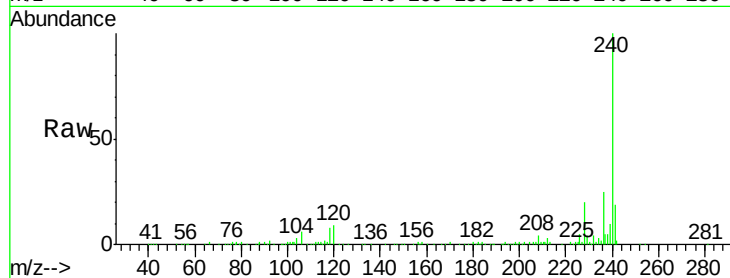
Tgt Ion:240 Resp: 243975

Ion Ratio Lower Upper

240 100

120 8.7 16.2 24.2#

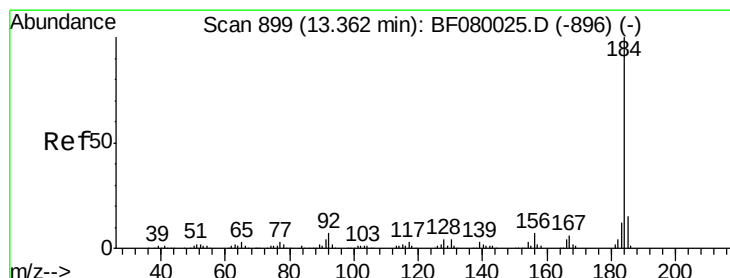
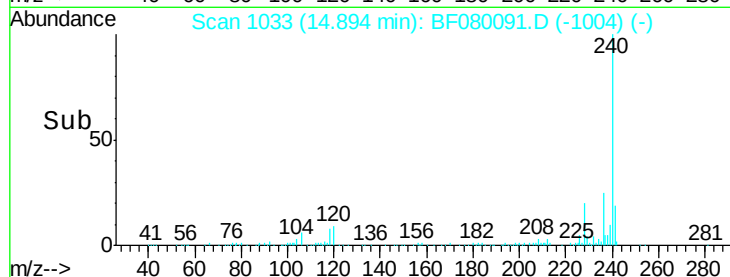
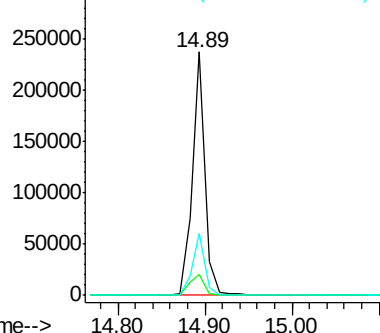
236 25.4 18.4 27.6



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: 46.84 ng

RT: 13.32 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

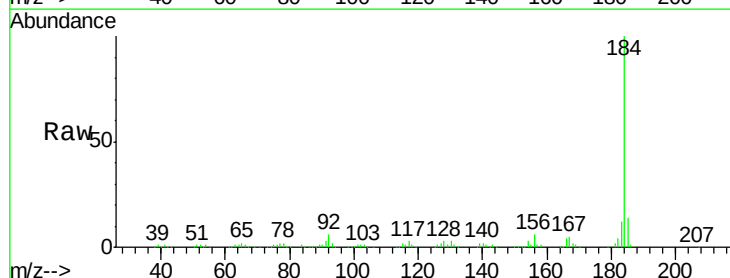
Tgt Ion:184 Resp: 319402

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

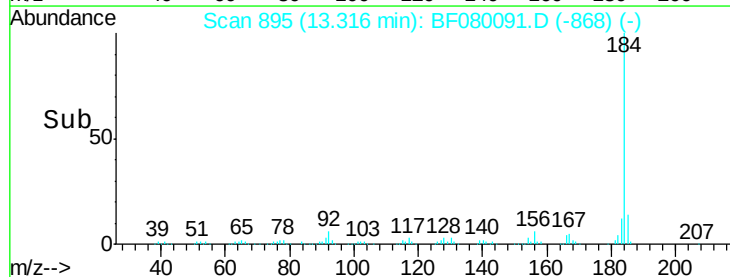
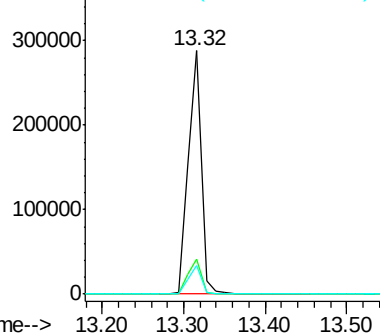
183 11.5 7.6 11.4#

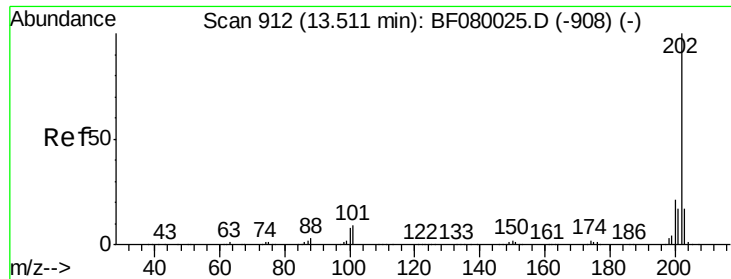


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

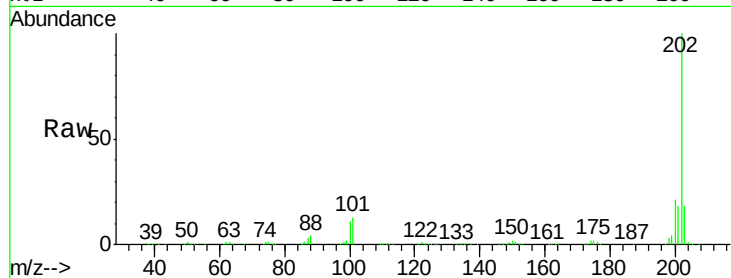




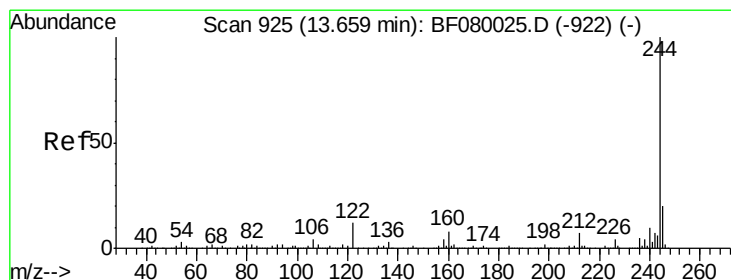
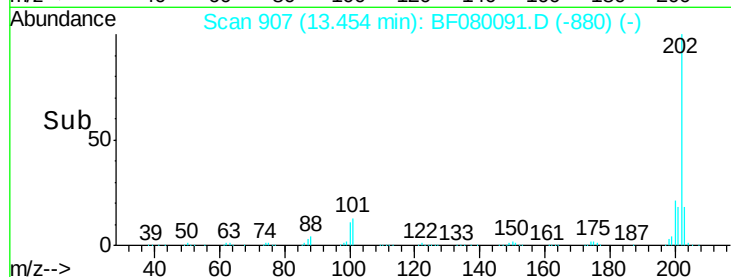
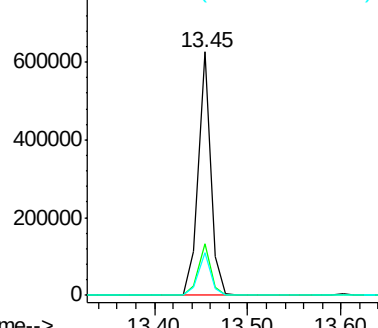
#77
 Pyrene
 Concen: 38.69 ng
 RT: 13.45 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	15.0	22.4
203	17.7	14.1	21.1

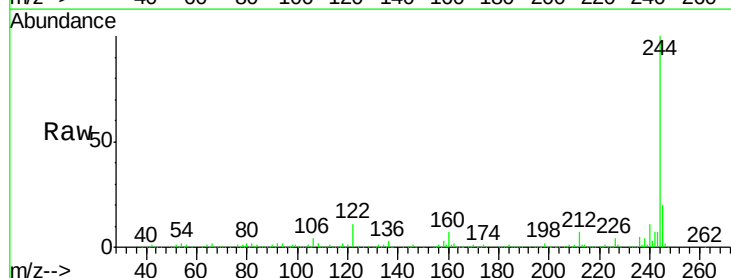


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

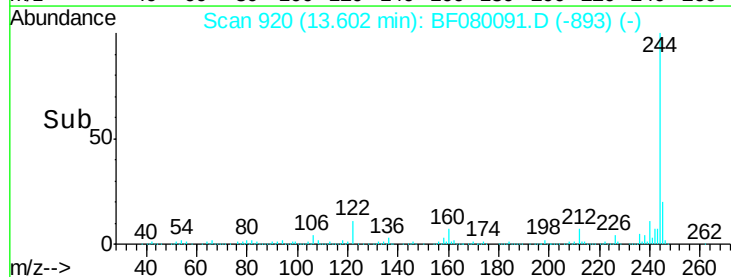
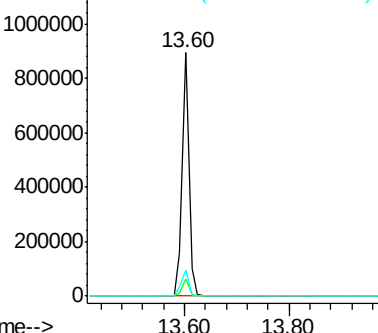


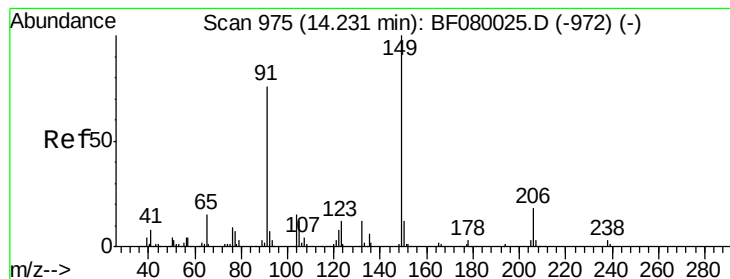
#78
 Terphenyl-d14
 Concen: 76.78 ng
 RT: 13.60 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.3	6.5#
122	10.9	17.4	26.2#



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: 40.63 ng

RT: 14.15 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

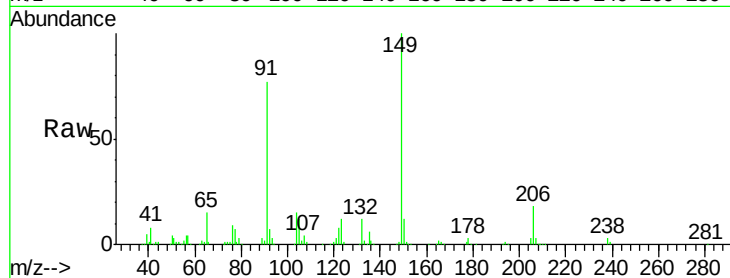
Tgt Ion:149 Resp: 245106

Ion Ratio Lower Upper

149 100

91 77.0 48.6 72.8#

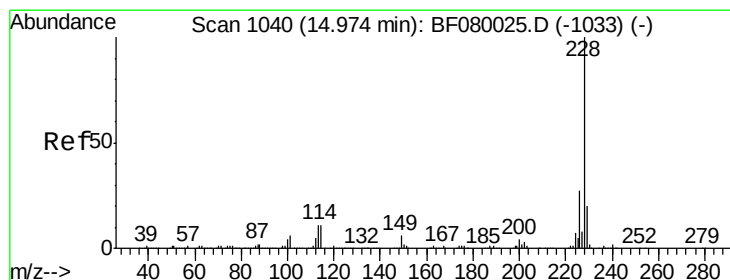
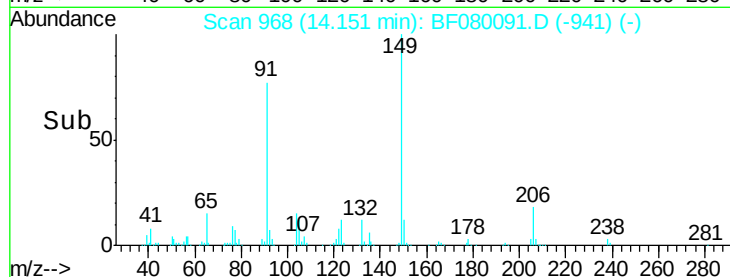
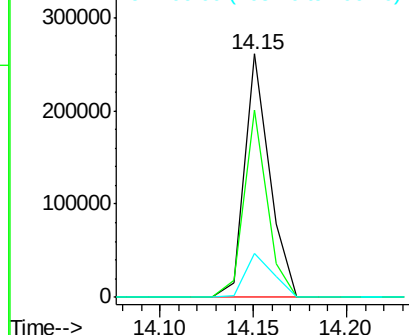
206 17.9 14.9 22.3



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: 39.04 ng

RT: 14.88 min Scan# 1032

Delta R.T. 0.03 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

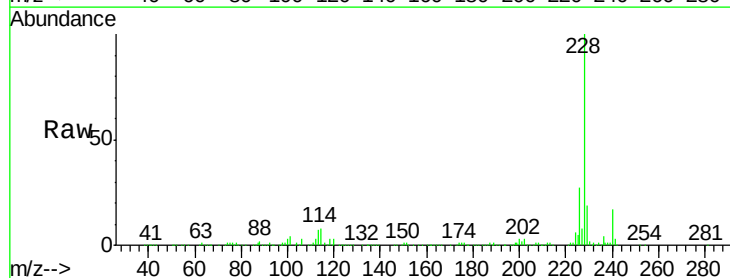
Tgt Ion:228 Resp: 580222

Ion Ratio Lower Upper

228 100

226 27.4 20.0 30.0

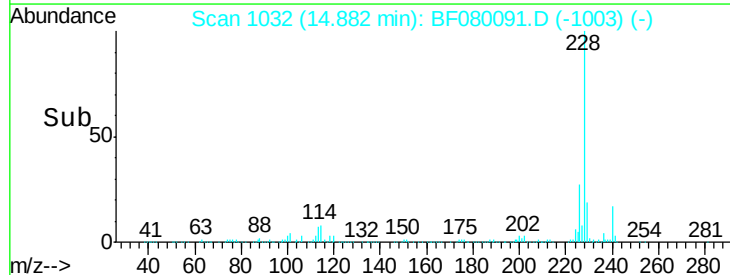
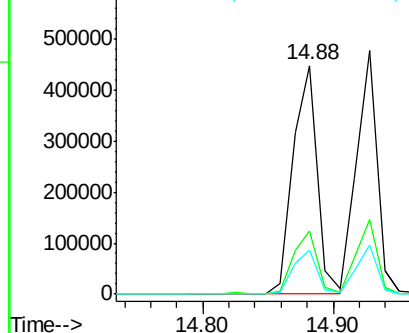
229 19.4 15.4 23.2

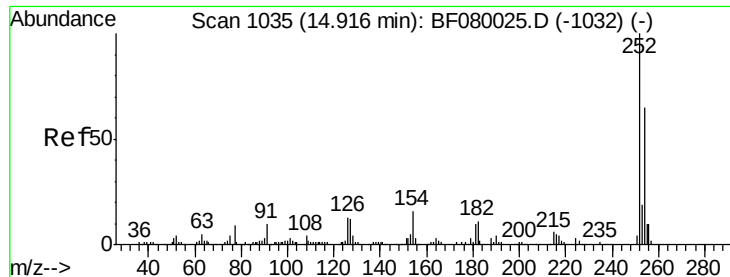


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

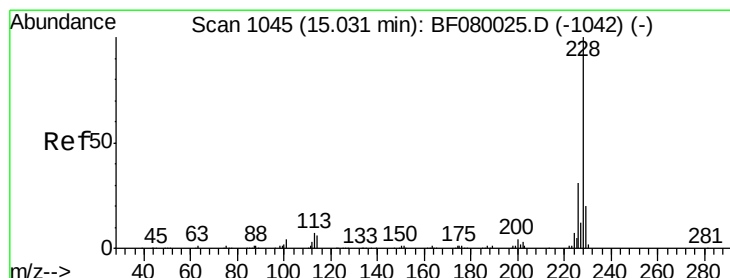
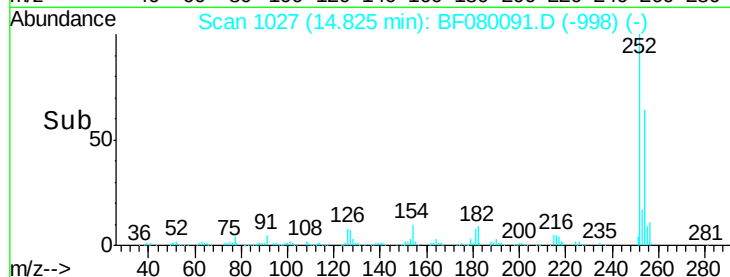
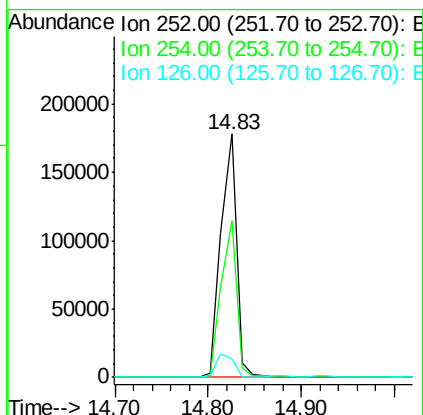
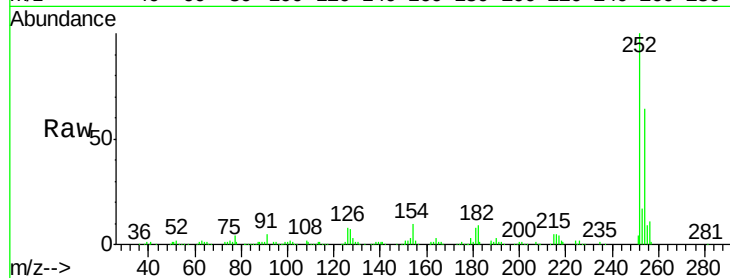




#81
 3,3'-Dichlorobenzidine
 Concen: 40.32 ng
 RT: 14.83 min Scan# 1027
 Delta R.T. 0.03 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

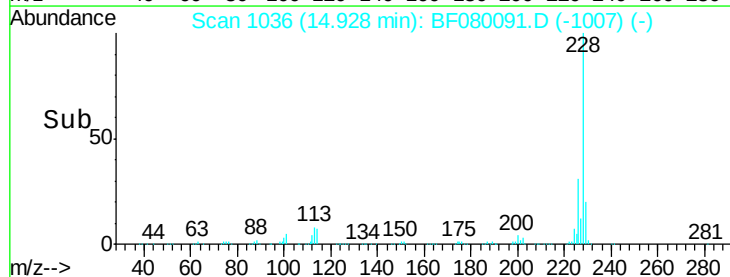
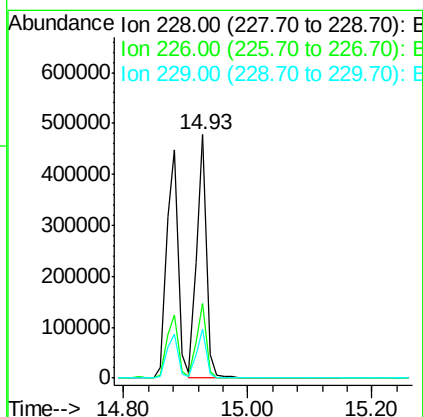
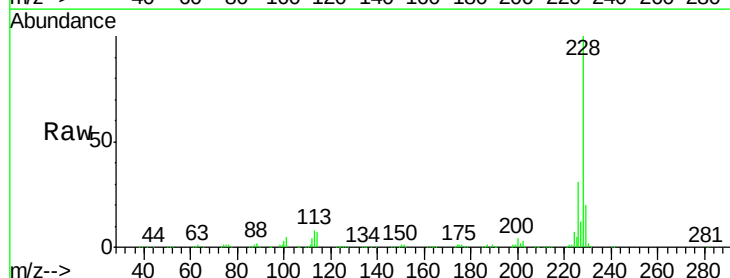
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

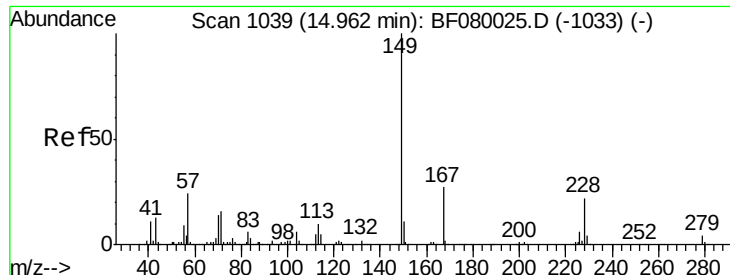
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.2
126	7.6	16.4	24.6



#82
 Chrysene
 Concen: 38.53 ng
 RT: 14.93 min Scan# 1036
 Delta R.T. 0.03 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	20.2	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.97 ng

RT: 14.85 min Scan# 1029

Delta R.T. 0.02 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

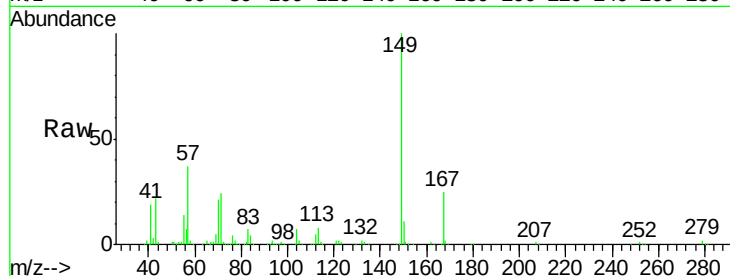
Tgt Ion:149 Resp: 381087

Ion Ratio Lower Upper

149 100

167 24.6 24.2 36.2

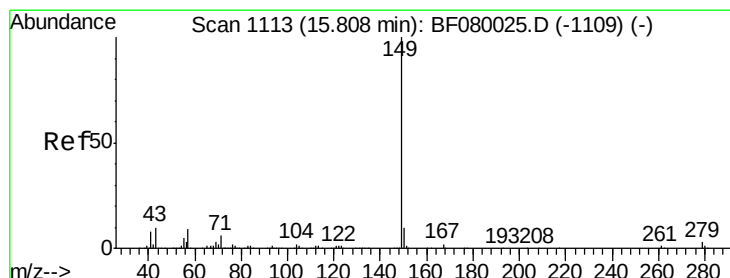
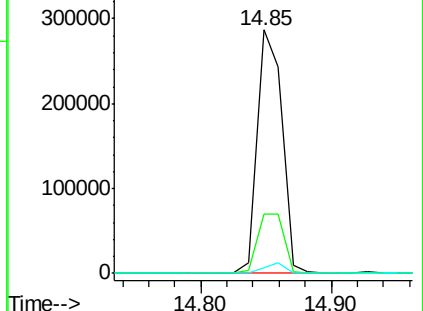
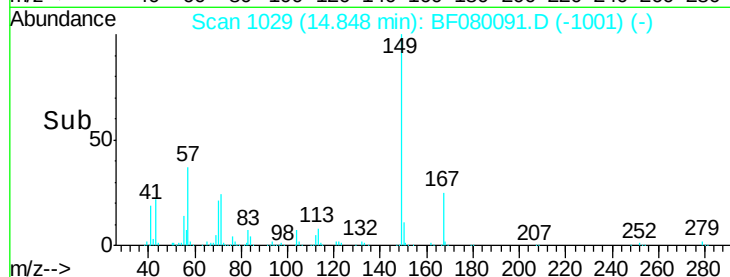
279 2.1 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.36 ng

RT: 15.67 min Scan# 1101

Delta R.T. 0.03 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

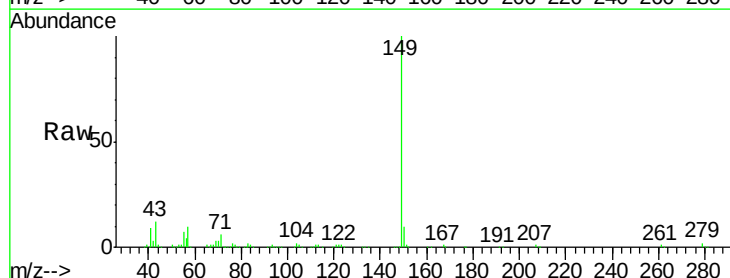
Tgt Ion:149 Resp: 659383

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

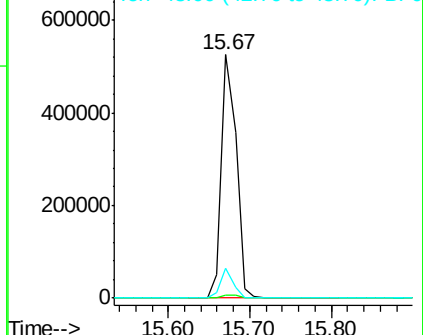
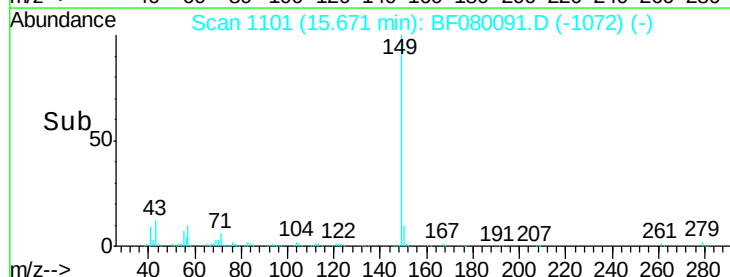
43 10.6 10.2 15.2

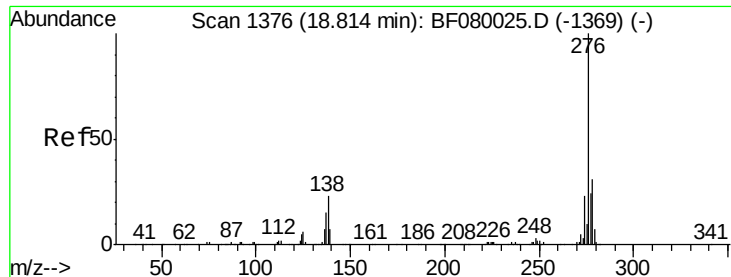


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

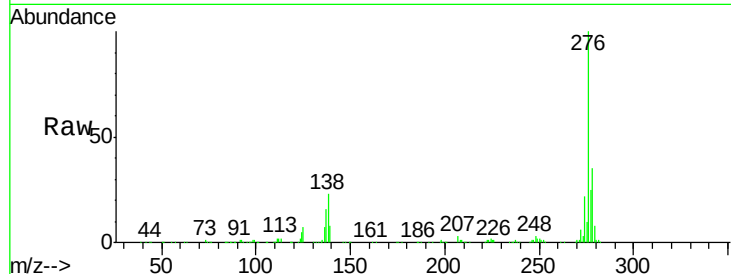




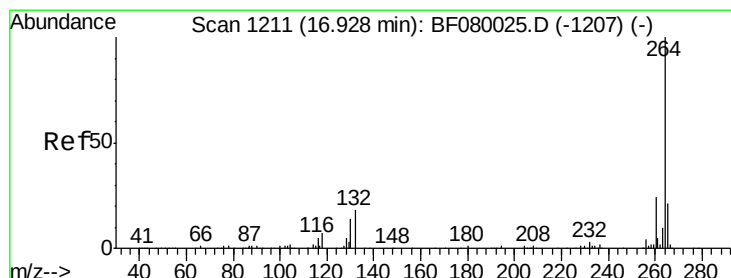
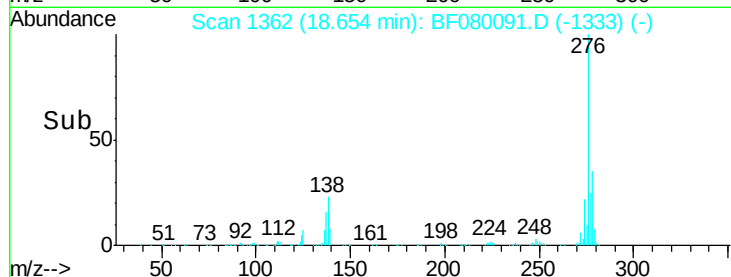
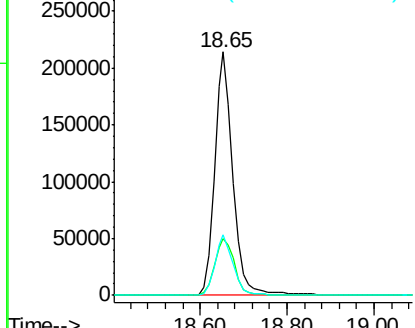
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.52 ng
 RT: 18.65 min Scan# 1362
 Delta R.T. 0.03 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:276 Resp: 631121
 Ion Ratio Lower Upper
 276 100
 138 25.9 25.7 38.5
 277 25.0 15.6 23.4#

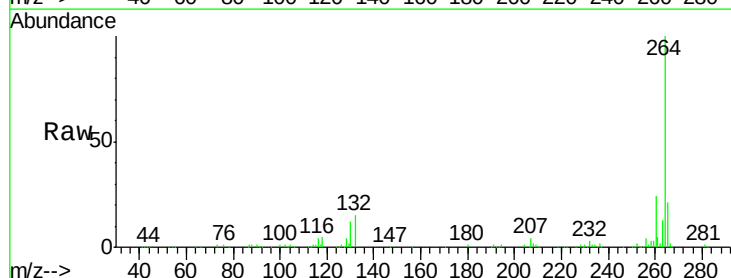


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

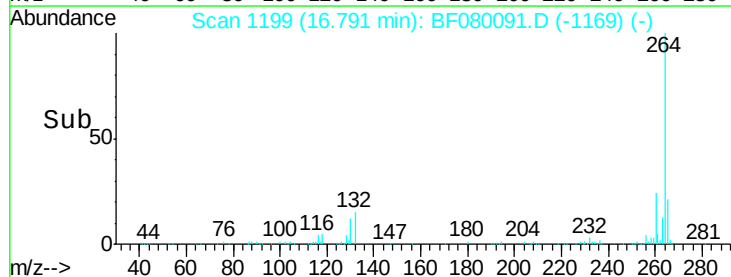
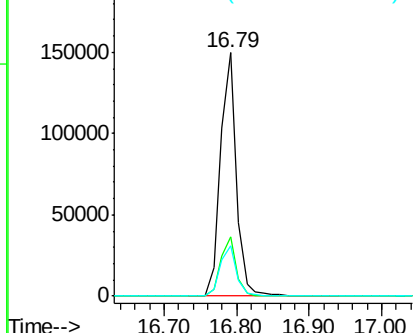


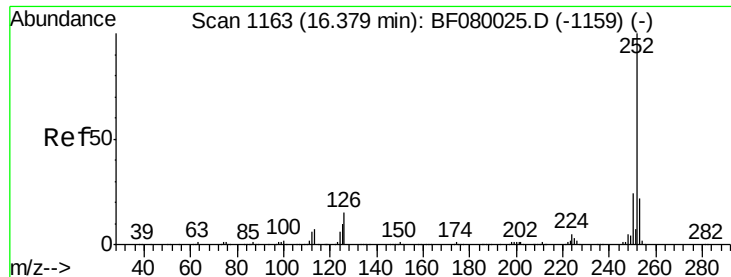
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.79 min Scan# 1199
 Delta R.T. 0.05 min
 Lab File: BF080091.D
 Acq: 20 Jun 2015 9:50

Tgt Ion:264 Resp: 227846
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 20.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

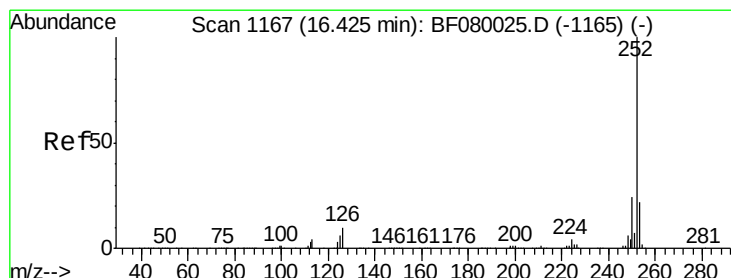
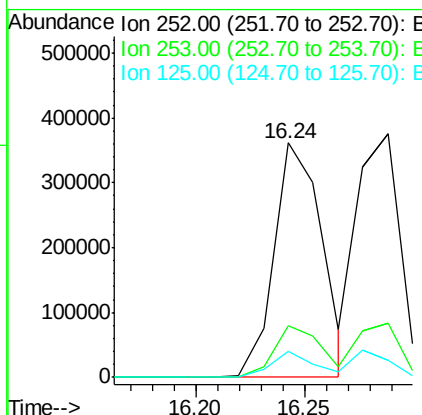
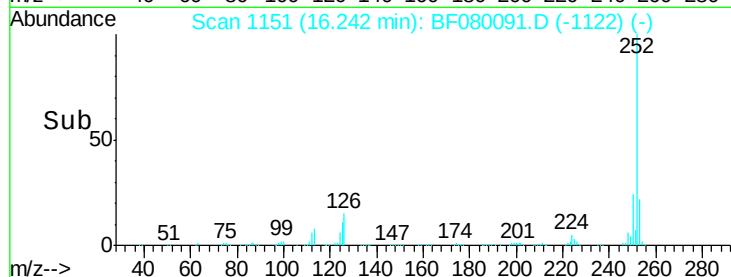
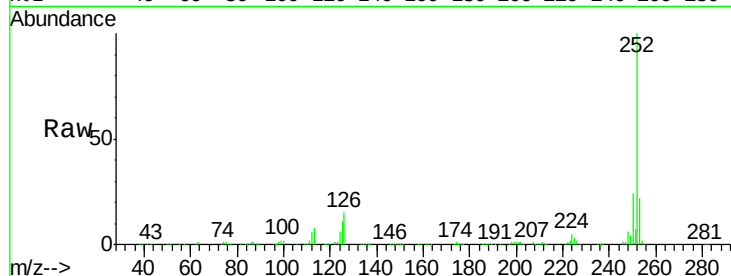




#87
Benzo(b)fluoranthene
Concen: 40.47 ng
RT: 16.24 min Scan# 1151
Delta R.T. 0.03 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

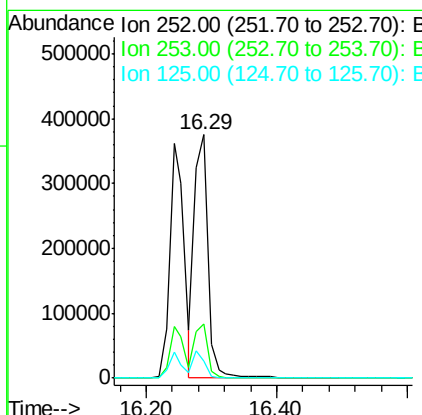
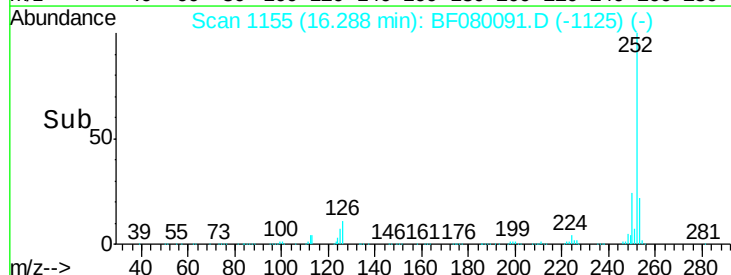
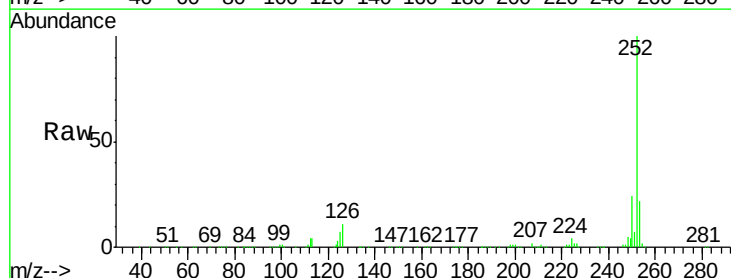
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

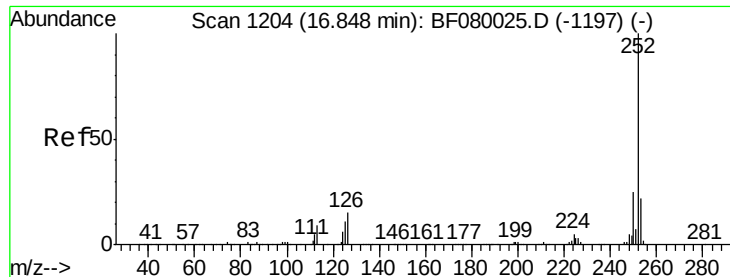
Tgt Ion: 252 Resp: 558334
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.2 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 38.52 ng
RT: 16.29 min Scan# 1155
Delta R.T. 0.05 min
Lab File: BF080091.D
Acq: 20 Jun 2015 9:50

Tgt Ion: 252 Resp: 541153
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 7.0 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 39.49 ng

RT: 16.71 min Scan# 1192

Delta R.T. 0.05 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

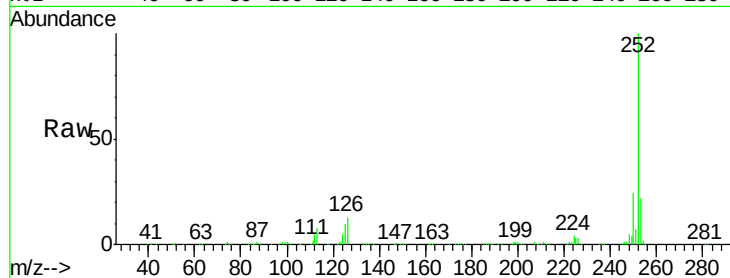
Tgt Ion:252 Resp: 517413

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

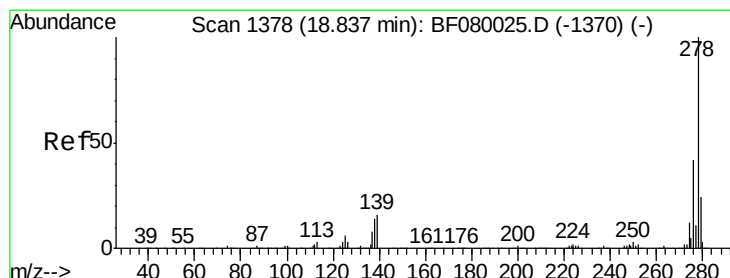
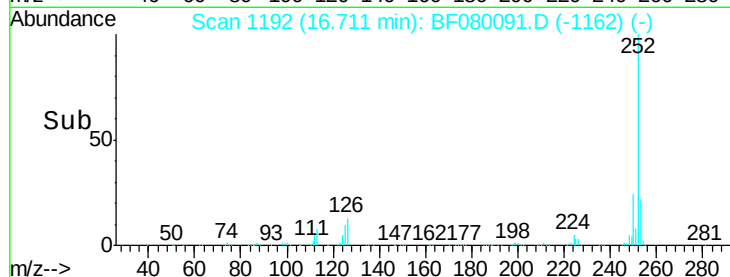
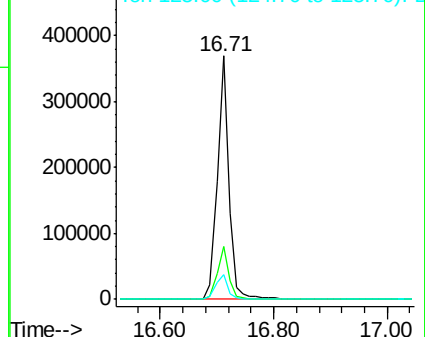
125 10.4 18.0 27.0#



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: 38.72 ng

RT: 18.68 min Scan# 1364

Delta R.T. 0.03 min

Lab File: BF080091.D

Acq: 20 Jun 2015 9:50

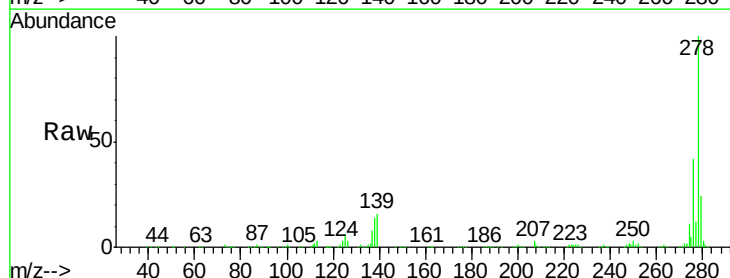
Tgt Ion:278 Resp: 519155

Ion Ratio Lower Upper

278 100

139 15.5 26.3 39.5#

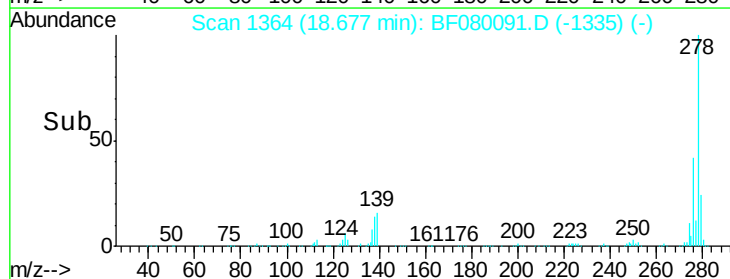
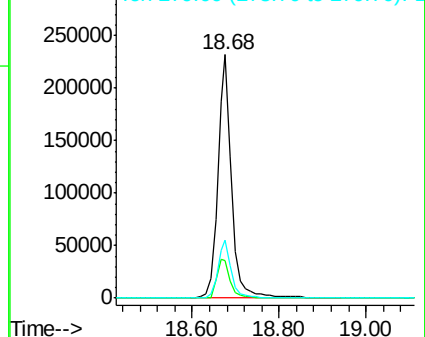
279 24.0 18.2 27.4

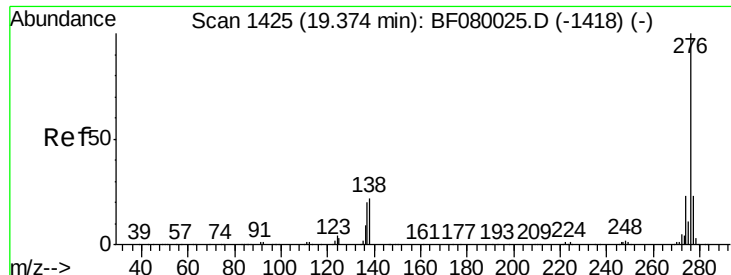


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.97 ng

RT: 19.21 min Scan# 1411

Delta R.T. 0.03 min

Lab File: BF080091.D

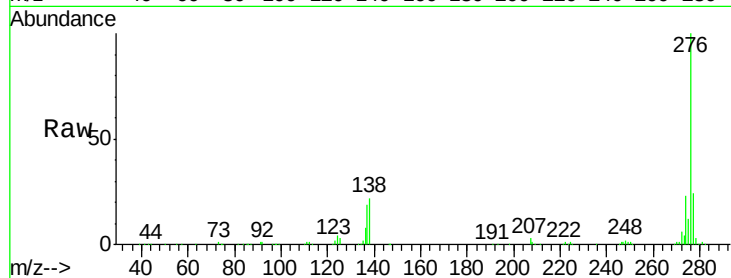
Acq: 20 Jun 2015 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:	276	Resp:	514047
Ion Ratio		Lower	Upper
276	100		
277	24.0	17.8	26.6
138	22.2	34.6	51.8#

