

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
 Data File : BF092097.D
 Acq On : 5 Jan 2017 18:37
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 06 00:01:38 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	238189	20.00	ng	-0.05
21) Naphthalene-d8	7.94	136	1002965	20.00	ng	-0.05
38) Acenaphthene-d10	9.69	164	569079	20.00	ng	-0.06
63) Phenanthrene-d10	11.17	188	886500	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	558187	20.00	ng	-0.07
86) Perylene-d12	15.17	264	521797	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1192993	83.63	ng	-0.07
7) Phenol-d6	6.32	99	1449329	83.22	ng	-0.06
23) Nitrobenzene-d5	7.22	82	1301780	72.17	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	371884	78.96	ng	-0.06
44) 2-Fluorobiphenyl	9.02	172	2096780	73.79	ng	-0.06
78) Terphenyl-d14	12.76	244	2114828	91.89	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	257771	36.70	ng	98
3) Pyridine	2.76	79	891170	36.36	ng	97
4) n-Nitrosodimethylamine	2.72	42	320480	34.66	ng	92
6) Aniline	6.32	93	892895	39.47	ng	# 61
8) 2-Chlorophenol	6.45	128	649222	40.01	ng	85
9) Benzaldehyde	6.20	77	429441	45.46	ng	97
10) Phenol	6.33	94	935053	47.11	ng	# 66
11) bis(2-Chloroethyl)ether	6.40	93	666801	42.23	ng	92
12) 1,3-Dichlorobenzene	6.60	146	709371	40.95	ng	99
13) 1,4-Dichlorobenzene	6.66	146	702293	39.83	ng	99
14) 1,2-Dichlorobenzene	6.82	146	658273	43.03	ng	99
15) Benzyl Alcohol	6.81	79	539981	39.90	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.94	45	987388	41.99	ng	# 21
17) 2-Methylphenol	6.94	107	540654	41.43	ng	95
18) Hexachloroethane	7.17	117	271278	41.50	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	502569	43.37	ng	# 88
20) 3+4-Methylphenols	7.10	107	741455	47.64	ng	# 71
22) Acetophenone	7.08	105	993512	40.16	ng	# 91
24) Nitrobenzene	7.25	77	803812	41.84	ng	92
25) Isophorone	7.49	82	1323749	39.78	ng	96
26) 2-Nitrophenol	7.57	139	386017	40.75	ng	# 76
27) 2,4-Dimethylphenol	7.61	122	548442	34.90	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	790306	39.16	ng	99
29) 2,4-Dichlorophenol	7.81	162	512620	38.53	ng	84
30) 1,2,4-Trichlorobenzene	7.89	180	559905	38.40	ng	96
31) Naphthalene	7.97	128	1975339	43.03	ng	99
32) Benzoic acid	7.77	122	533347	45.76	ng	94
33) 4-Chloroaniline	8.02	127	856153	41.36	ng	96
34) Hexachlorobutadiene	8.08	225	285941	37.15	ng	99
35) Caprolactam	8.40	113	176353	40.33	ng	# 66
36) 4-Chloro-3-methylphenol	8.52	107	586704	38.32	ng	100
37) 2-Methylnaphthalene	8.65	142	1246741	44.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	584574	40.66	ng	99
40) Hexachlorocyclopentadiene	8.81	237	223358	37.13	ng	99

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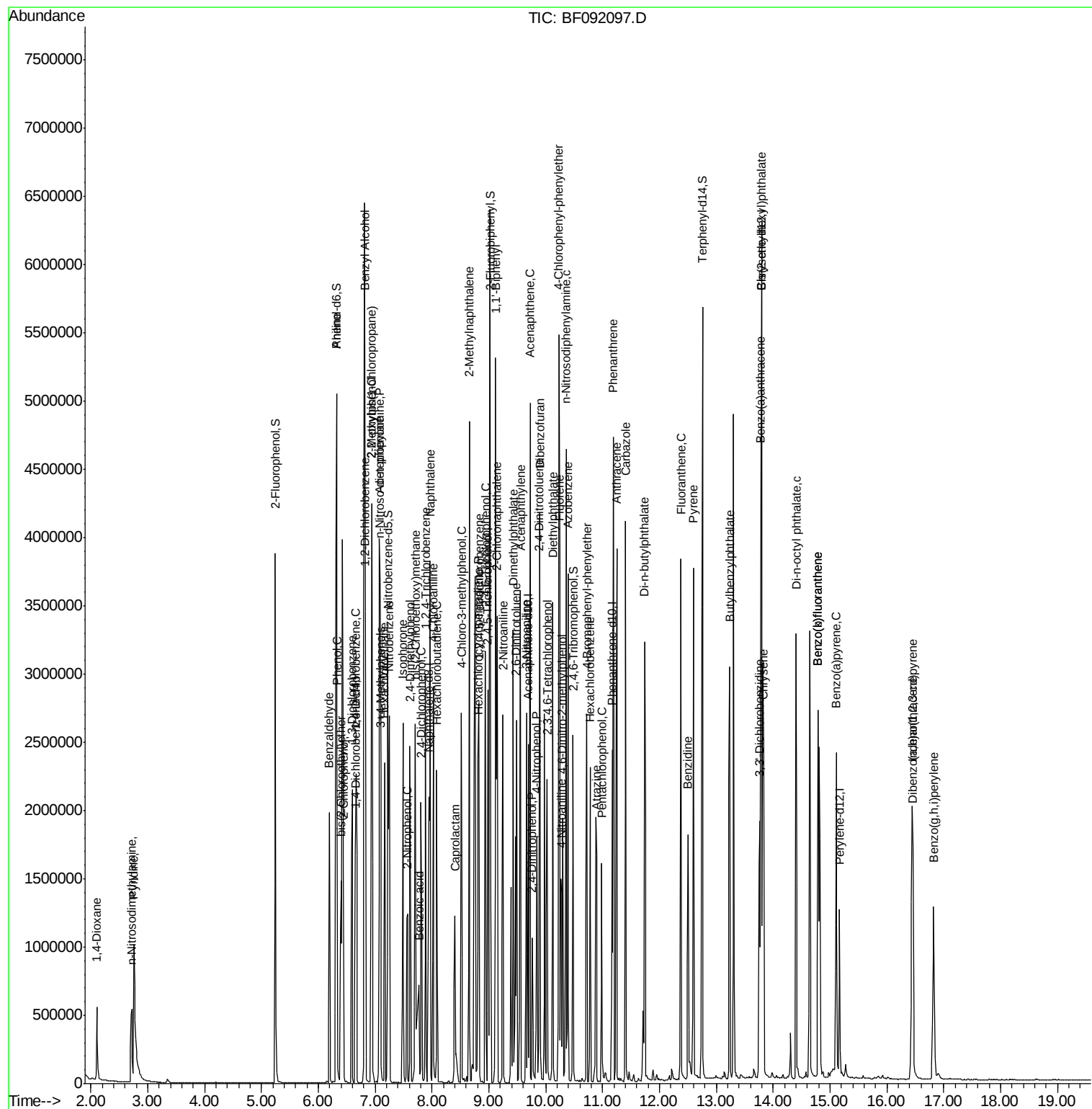
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	388242	38.61	ng	96
43) 2,4,5-Trichlorophenol	8.98	196	409464	39.57	ng	93
45) 1,1'-Biphenyl	9.12	154	1671824	42.91	ng	99
46) 2-Chloronaphthalene	9.14	162	1272953	41.25	ng	99
47) 2-Nitroaniline	9.25	65	485970	44.23	ng	# 84
48) Acenaphthylene	9.56	152	1932370	40.72	ng	99
49) Dimethylphthalate	9.43	163	1411098	38.77	ng	98
50) 2,6-Dinitrotoluene	9.49	165	293650	36.86	ng	# 73
51) Acenaphthene	9.73	154	1241338	38.58	ng	98
52) 3-Nitroaniline	9.66	138	416212	42.22	ng	95
53) 2,4-Dinitrophenol	9.76	184	166022	37.45	ng	# 50
54) Dibenzofuran	9.90	168	1630493	37.53	ng	95
55) 4-Nitrophenol	9.84	139	299368	44.72	ng	# 81
56) 2,4-Dinitrotoluene	9.89	165	351834	35.19	ng	# 79
57) Fluorene	10.24	166	1274915	40.33	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	332867	40.67	ng	97
59) Diethylphthalate	10.13	149	1447283	40.94	ng	97
60) 4-Chlorophenyl-phenylether	10.23	204	500458	36.16	ng	98
61) 4-Nitroaniline	10.28	138	440171	43.08	ng	80
62) Azobenzene	10.39	77	1538543	39.53	ng	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	233736	43.60	ng	# 54
65) n-Nitrosodiphenylamine	10.36	169	1095290	41.64	ng	100
66) 4-Bromophenyl-phenylether	10.72	248	384340	41.68	ng	# 88
67) Hexachlorobenzene	10.78	284	386309	39.19	ng	# 77
68) Atrazine	10.89	200	344344	40.58	ng	94
69) Pentachlorophenol	10.98	266	211915	43.82	ng	99
70) Phenanthrene	11.19	178	1699772	35.36	ng	99
71) Anthracene	11.25	178	1982340	47.36	ng	99
72) Carbazole	11.41	167	1873770	49.59	ng	98
73) Di-n-butylphthalate	11.74	149	2110384	46.47	ng	100
74) Fluoranthene	12.38	202	2020620	48.18	ng	95
76) Benzidine	12.51	184	715372	52.22	ng	99
77) Pyrene	12.60	202	1888246	46.11	ng	99
79) Butylbenzylphthalate	13.24	149	928625	49.86	ng	# 83
80) Benzo(a)anthracene	13.79	228	1453030	46.12	ng	100
81) 3,3'-Dichlorobenzidine	13.76	252	577182	48.31	ng	# 95
82) Chrysene	13.83	228	1478413	46.78	ng	98
83) Bis(2-ethylhexyl)phthalate	13.80	149	999015	45.54	ng	97
84) Di-n-octyl phthalate	14.40	149	1764105	43.41	ng	99
85) Indeno(1,2,3-cd)pyrene	16.45	276	1043880	38.13	ng	97
87) Benzo(b)fluoranthene	14.79	252	2461820	75.78	ng	99
88) Benzo(k)fluoranthene	14.79	252	2461820	88.87	ng	98
89) Benzo(a)pyrene	15.11	252	1167059	40.48	ng	98
90) Dibenzo(a,h)anthracene	16.46	278	883161	37.26	ng	98
91) Benzo(g,h,i)perylene	16.83	276	958434	38.89	ng	# 94

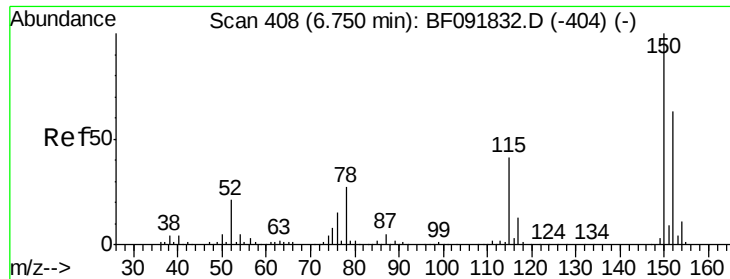
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

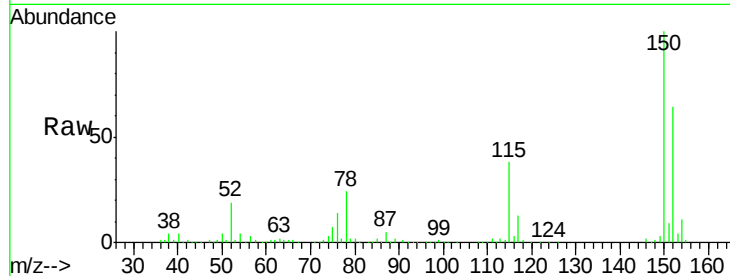
Tgt Ion:152 Resp: 238189

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

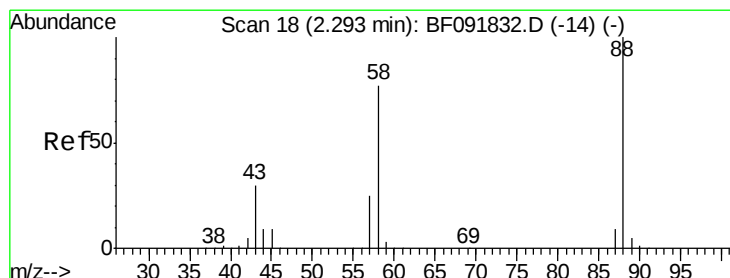
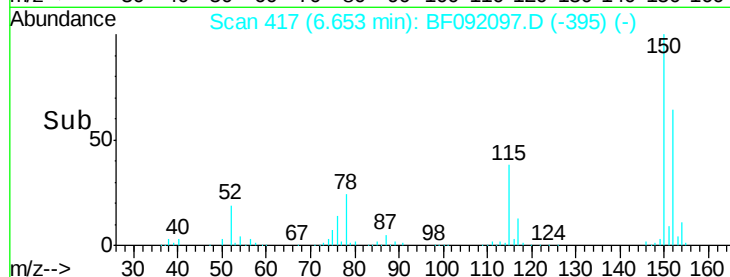
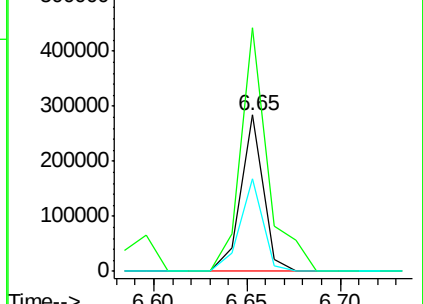
115 59.4 46.0 69.0



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: 36.70 ng

RT: 2.10 min Scan# 19

Delta R.T. -0.09 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

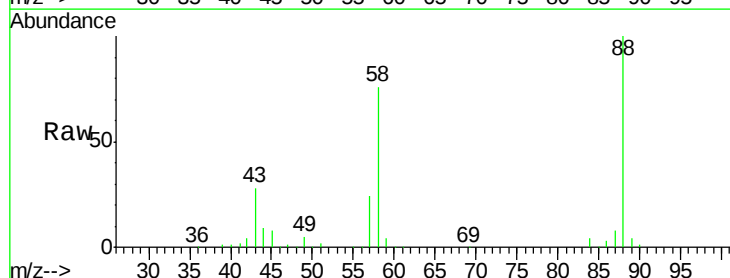
Tgt Ion: 88 Resp: 257771

Ion Ratio Lower Upper

88 100

58 74.0 57.8 86.8

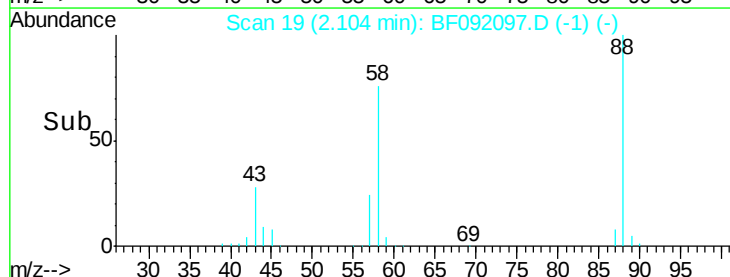
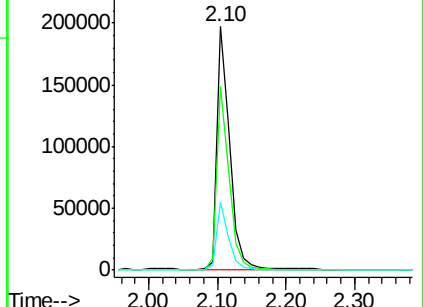
43 27.6 22.3 33.5

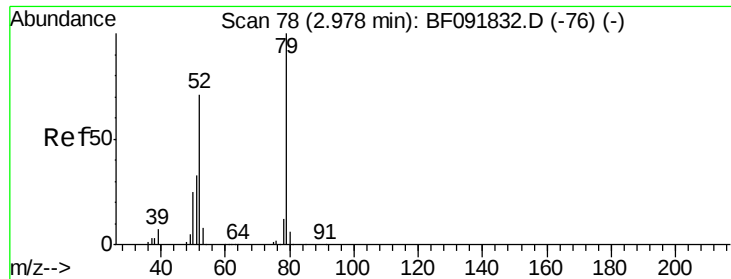


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.36 ng

RT: 2.76 min Scan# 76

Delta R.T. -0.11 min

Lab File: BF092097.D

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SSTDCCC040

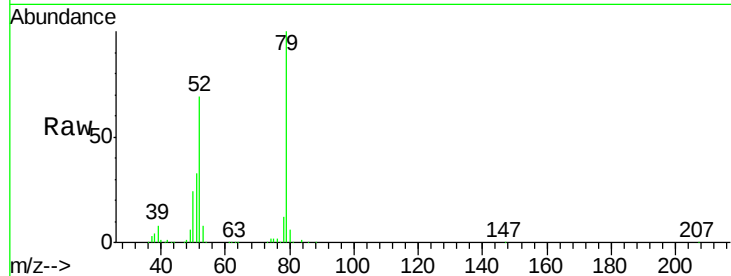
Tgt Ion: 79 Resp: 891170

Ion Ratio Lower Upper

79 100

52 68.5 57.1 85.7

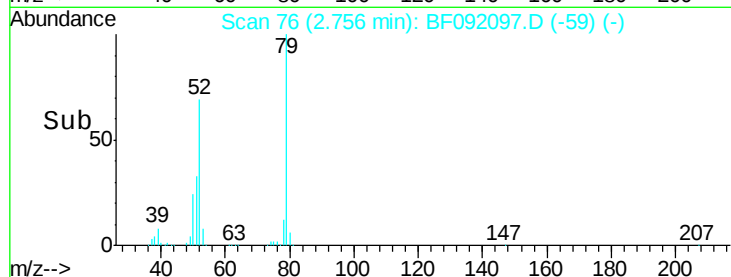
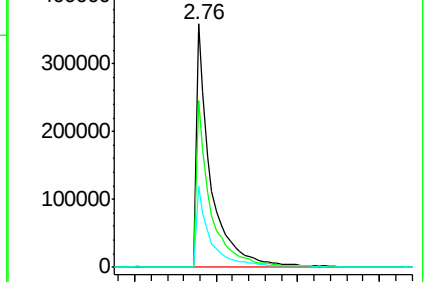
51 33.1 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.66 ng

RT: 2.72 min Scan# 73

Delta R.T. -0.11 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

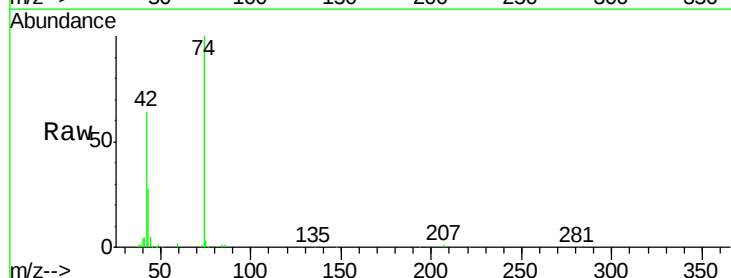
Tgt Ion: 42 Resp: 320480

Ion Ratio Lower Upper

42 100

74 156.1 117.0 175.4

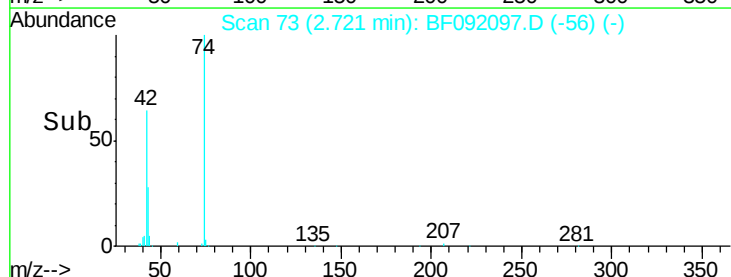
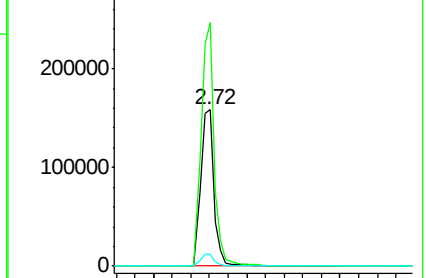
44 7.5 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.63 ng

RT: 5.25 min Scan# 294

Delta R.T. -0.07 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

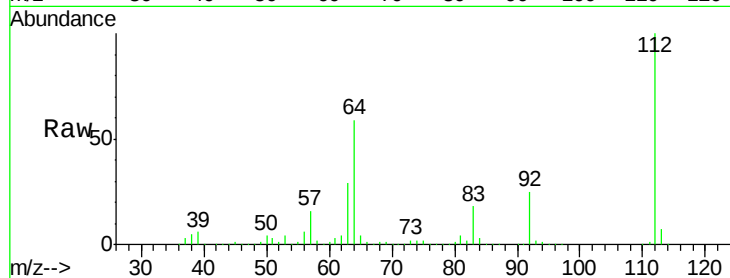
Tgt Ion: 112 Resp: 1192993

Ion Ratio Lower Upper

112 100

64 58.7 46.1 69.1

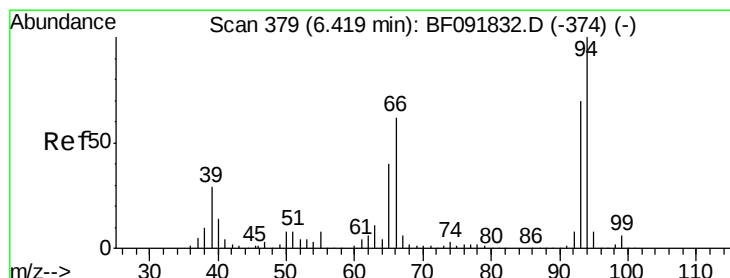
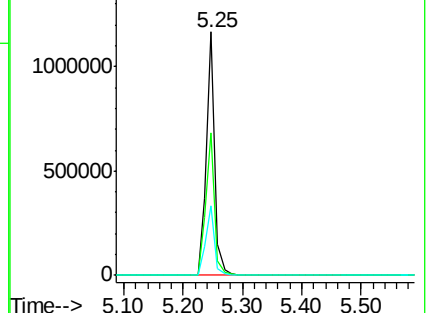
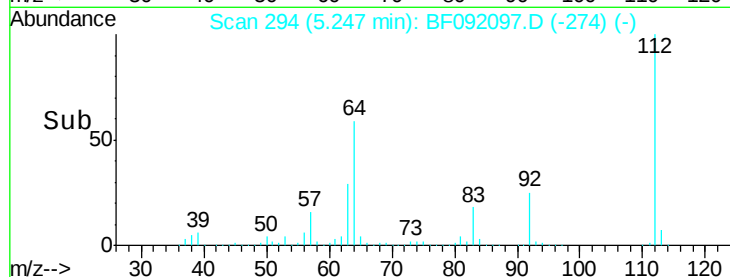
63 28.7 23.8 35.6



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: 39.47 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

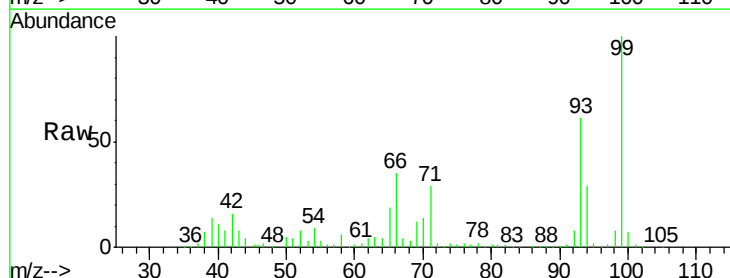
Tgt Ion: 93 Resp: 892895

Ion Ratio Lower Upper

93 100

66 58.1 76.2 114.2#

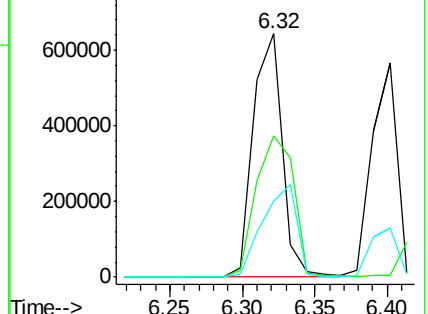
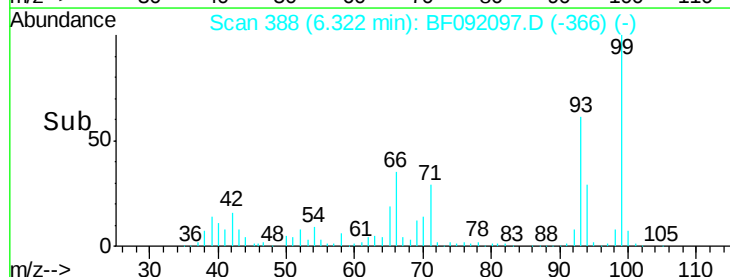
65 31.3 49.3 73.9#



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: 83.22 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.06 min

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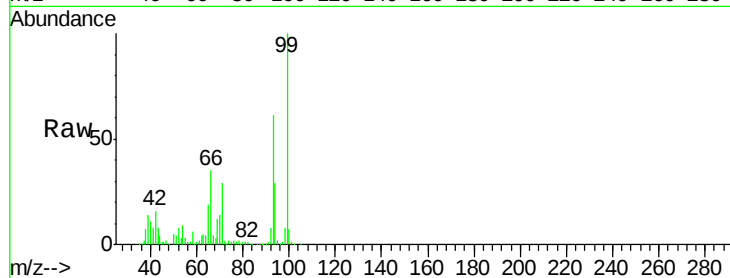
Tgt Ion: 99 Resp: 1449329

Ion Ratio Lower Upper

99 100

42 16.0 15.6 23.4

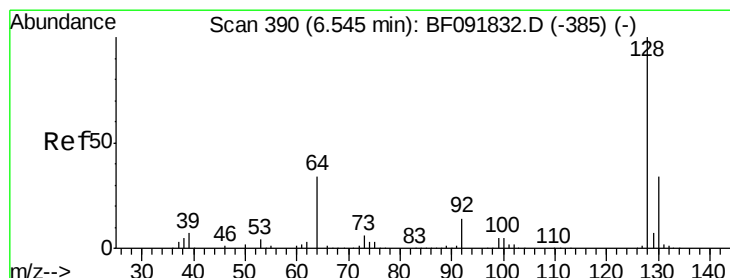
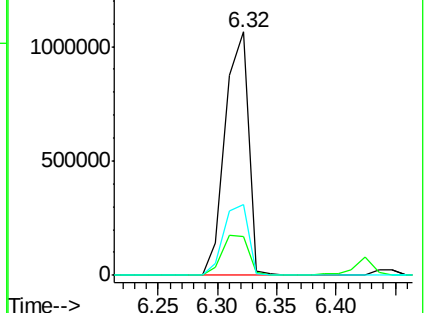
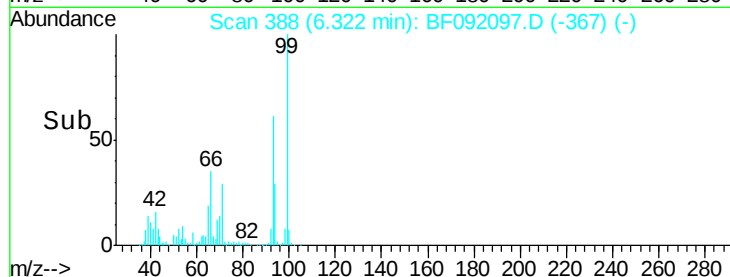
71 29.3 27.5 41.3



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: 40.01 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

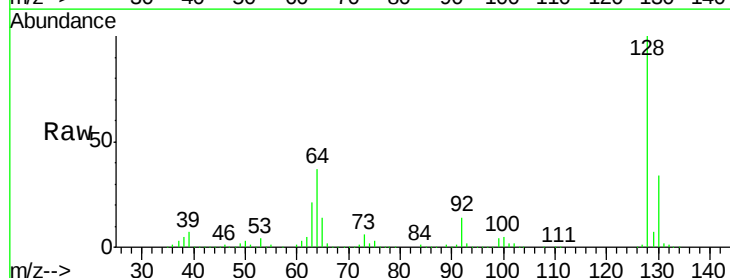
Tgt Ion: 128 Resp: 649222

Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

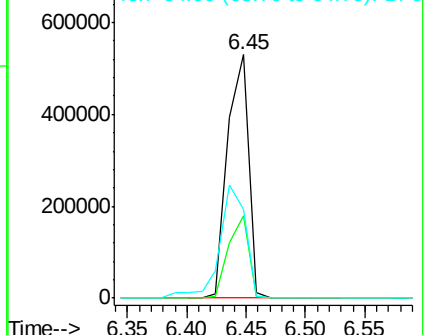
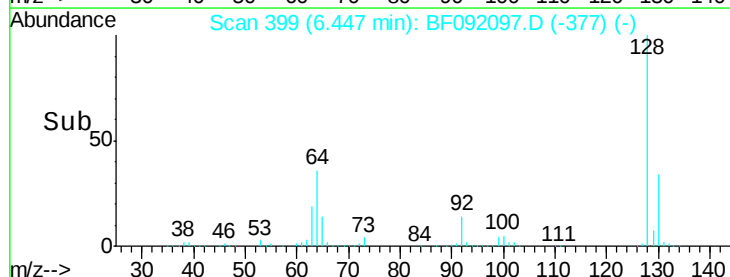
64 36.7 32.2 72.2

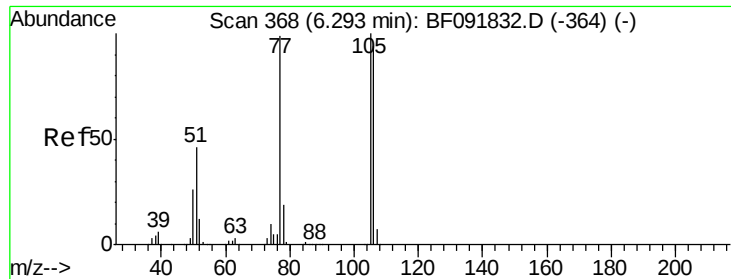


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 45.46 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.05 min

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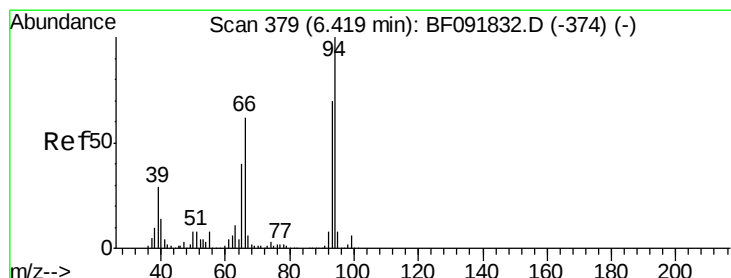
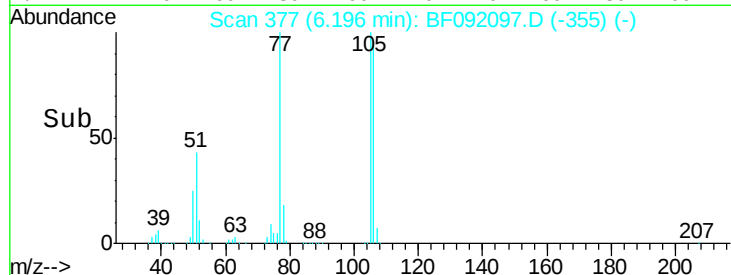
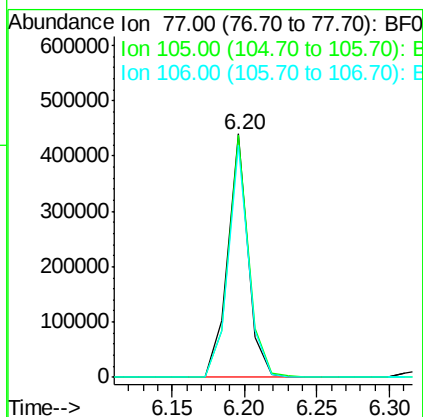
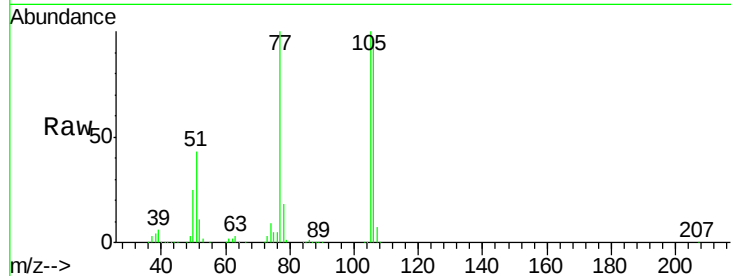
Tgt Ion: 77 Resp: 429441

Ion Ratio Lower Upper

77 100

105 99.6 83.9 123.9

106 95.2 77.6 117.6



#10

Phenol

Concen: 47.11 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.06 min

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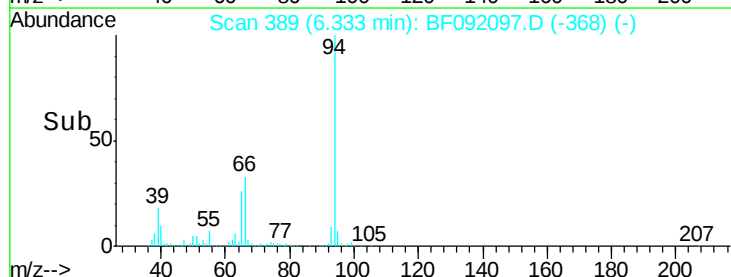
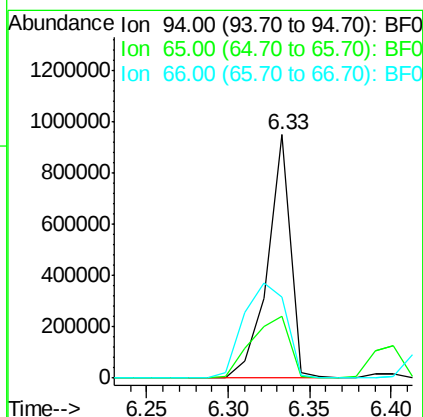
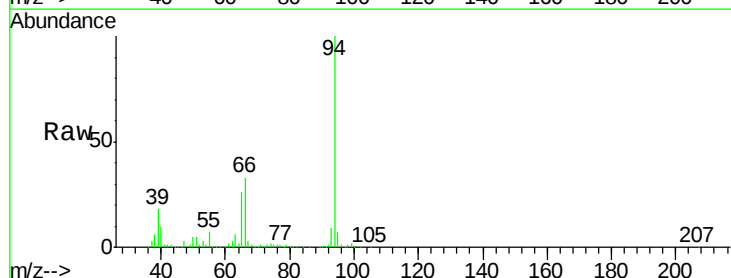
Tgt Ion: 94 Resp: 935053

Ion Ratio Lower Upper

94 100

65 25.6 21.4 61.4

66 33.1 44.0 84.0#

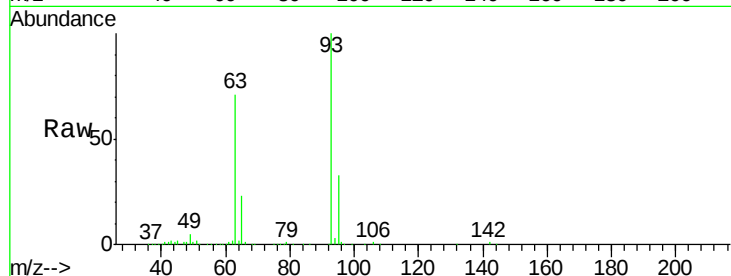




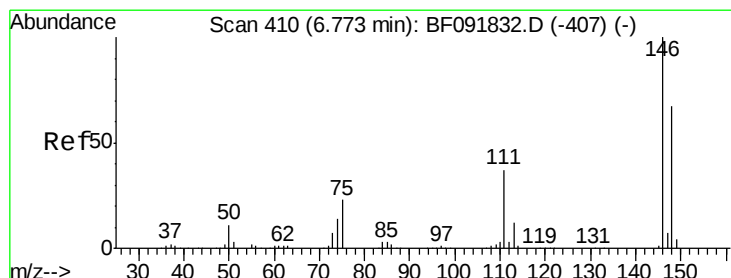
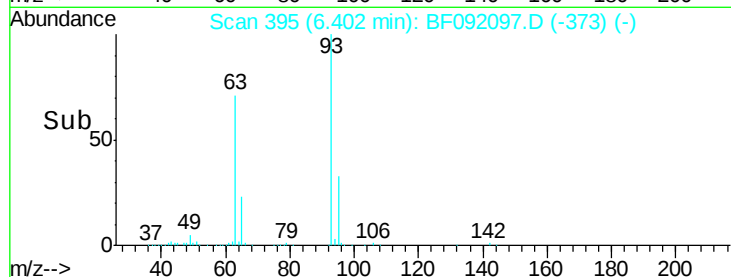
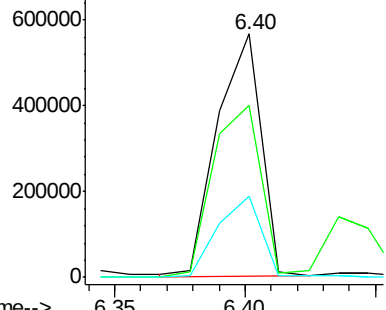
#11
bis(2-Chloroethyl)ether
Concen: 42.23 ng
RT: 6.40 min Scan# 395
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 666801
Ion Ratio Lower Upper
93 100
63 70.6 60.4 100.4
95 33.3 12.8 52.8

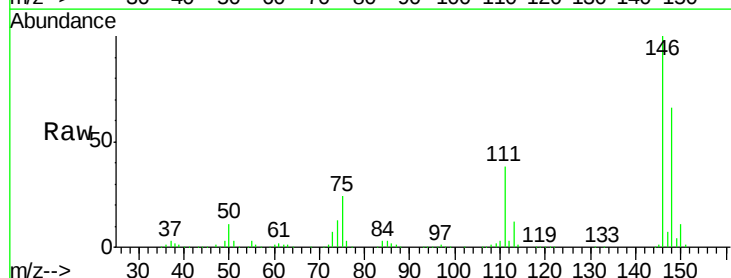


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

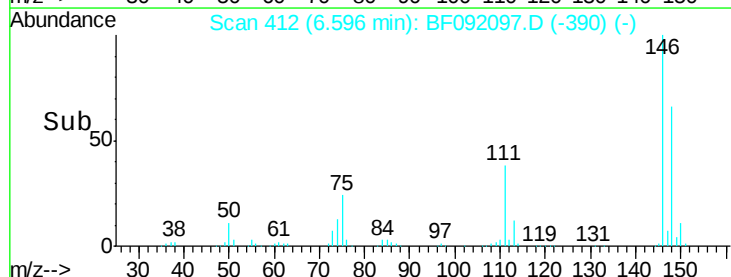
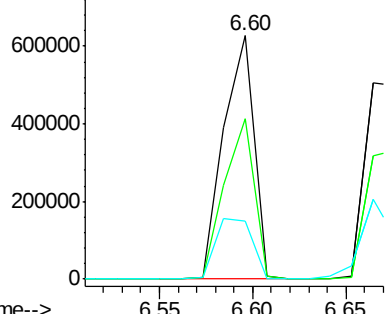


#12
1,3-Dichlorobenzene
Concen: 40.95 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion: 146 Resp: 709371
Ion Ratio Lower Upper
146 100
148 65.8 53.4 80.0
75 23.9 18.5 27.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

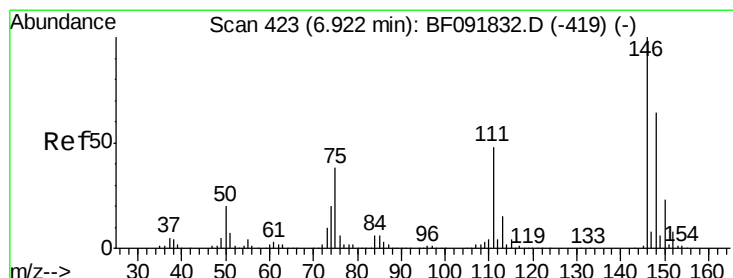
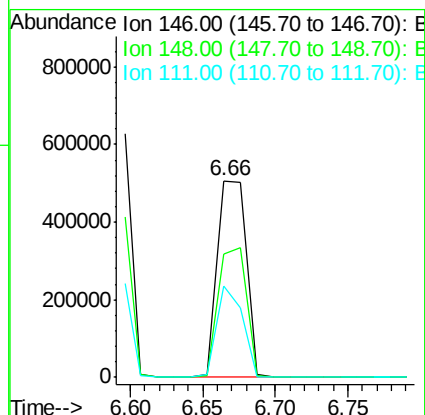
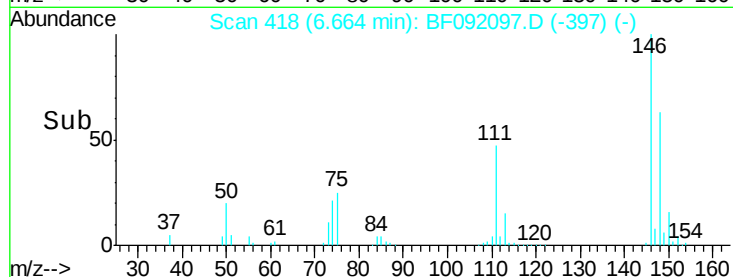
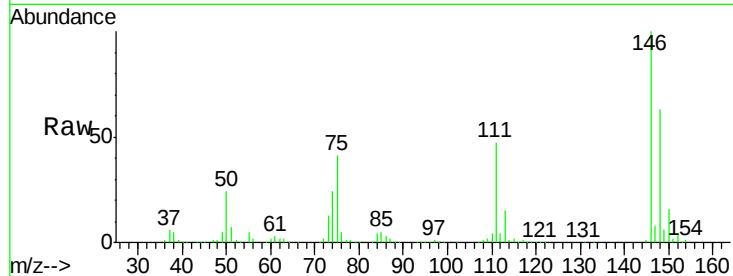




#13
 1,4-Dichlorobenzene
 Concen: 39.83 ng
 RT: 6.66 min Scan# 418
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

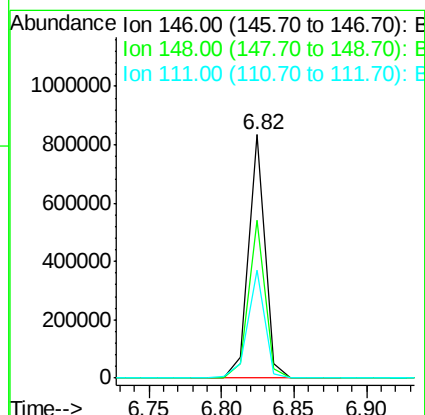
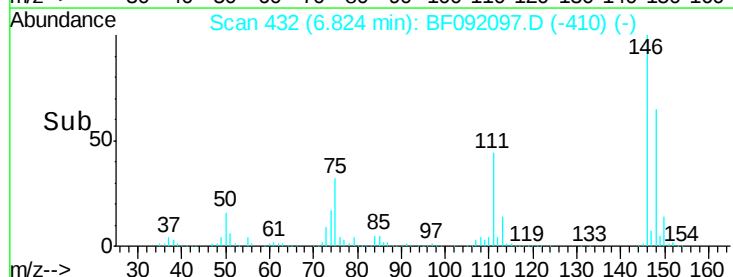
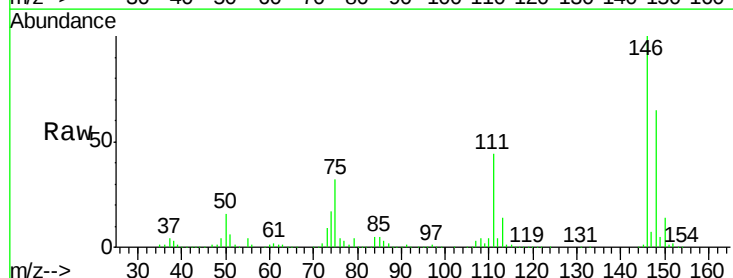
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

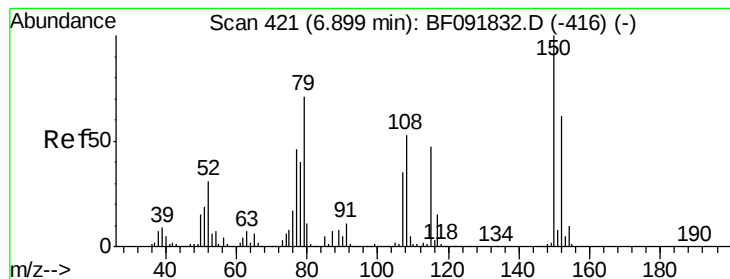
Tgt Ion:146 Resp: 702293
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 76.0
 111 46.7 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 43.03 ng
 RT: 6.82 min Scan# 432
 Delta R.T. -0.05 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion:146 Resp: 658273
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 44.2 36.2 54.2





#15

Benzyl Alcohol

Concen: 39.90 ng

RT: 6.81 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

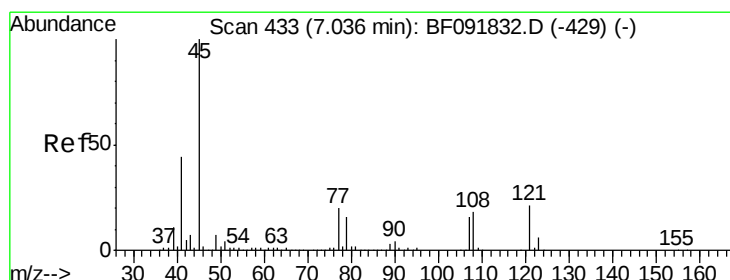
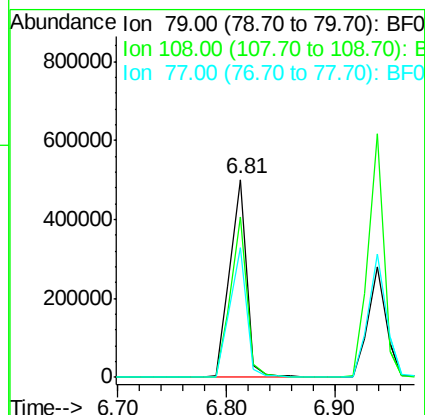
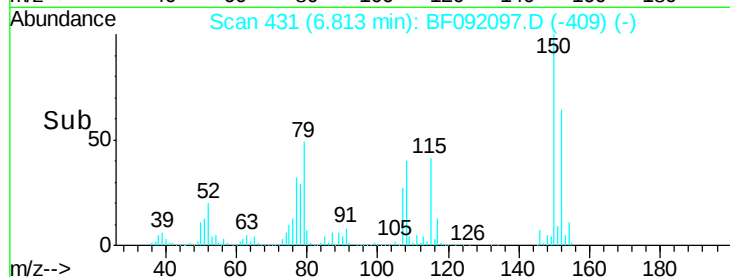
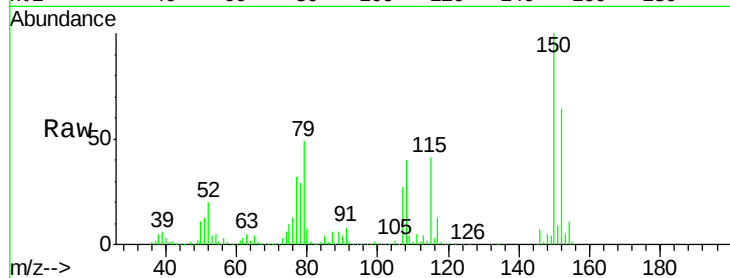
Tgt Ion: 79 Resp: 539981

Ion Ratio Lower Upper

79 100

108 81.1 61.4 92.0

77 65.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.99 ng

RT: 6.94 min Scan# 442

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

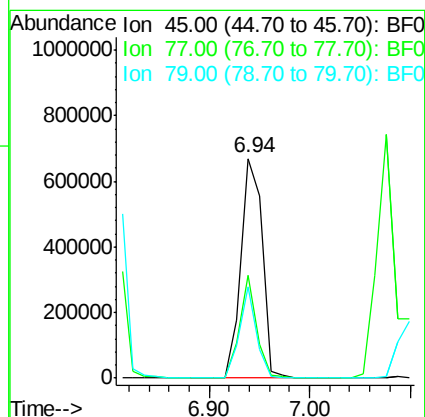
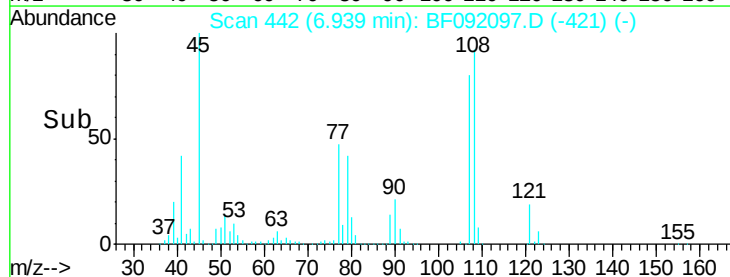
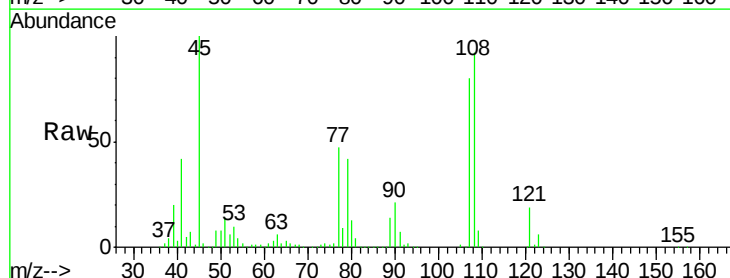
Tgt Ion: 45 Resp: 987388

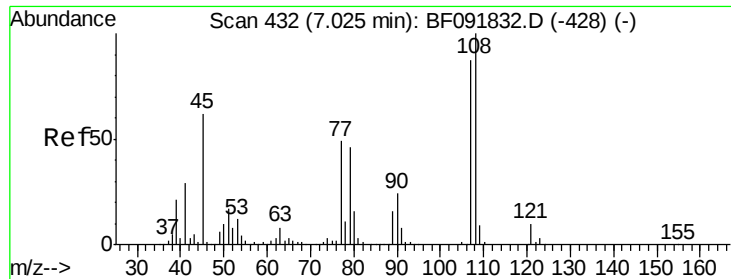
Ion Ratio Lower Upper

45 100

77 46.6 0.0 34.6#

79 41.7 0.0 31.2#

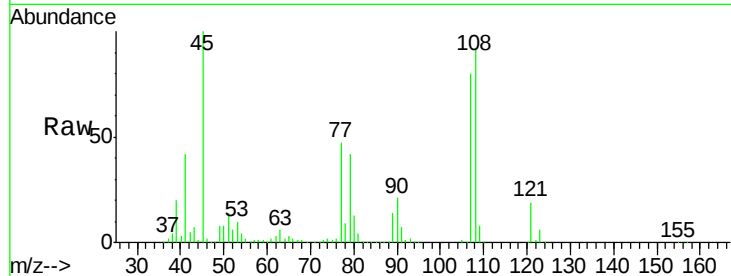




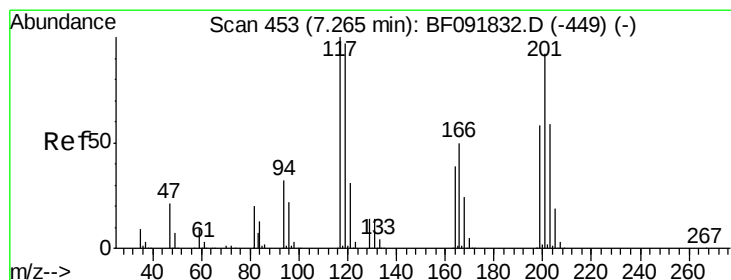
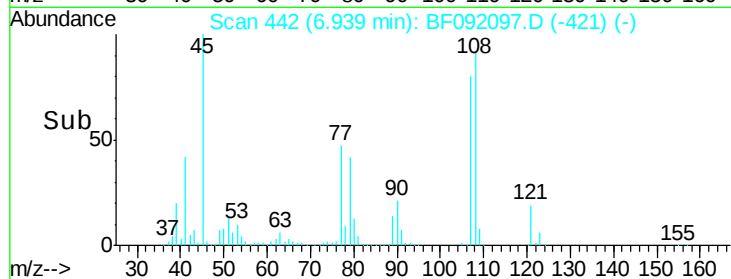
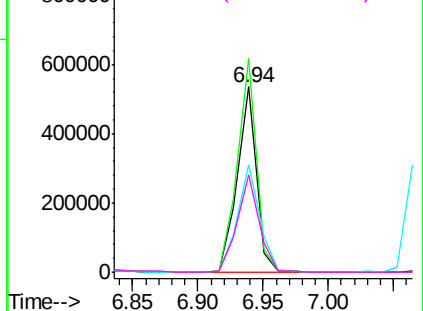
#17
2-Methylphenol
Concen: 41.43 ng
RT: 6.94 min Scan# 442
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 540654
Ion Ratio Lower Upper
107 100
108 115.2 93.0 139.6
77 58.3 39.8 59.8
79 52.2 38.0 57.0

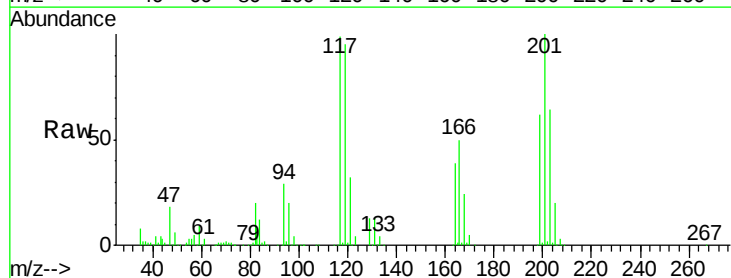


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

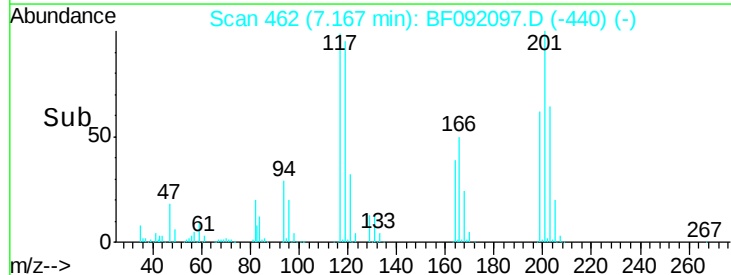
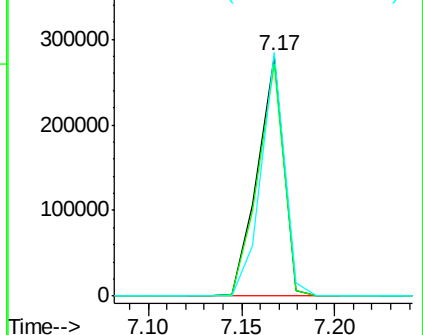


#18
Hexachloroethane
Concen: 41.50 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:117 Resp: 271278
Ion Ratio Lower Upper
117 100
119 96.6 78.1 117.1
201 101.3 78.6 117.8



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

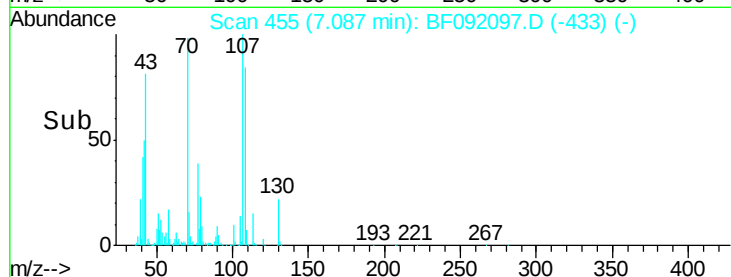
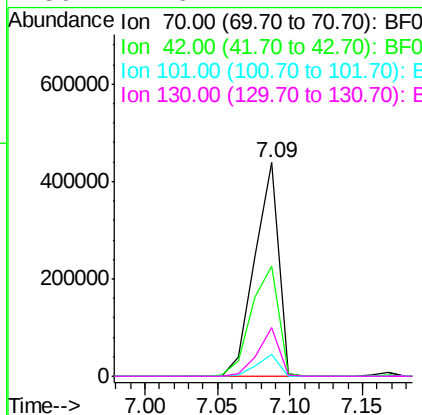
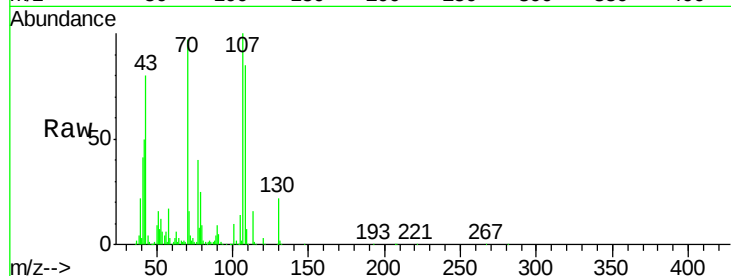




#19
n-Nitroso-di-n-propylamine
Concen: 43.37 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

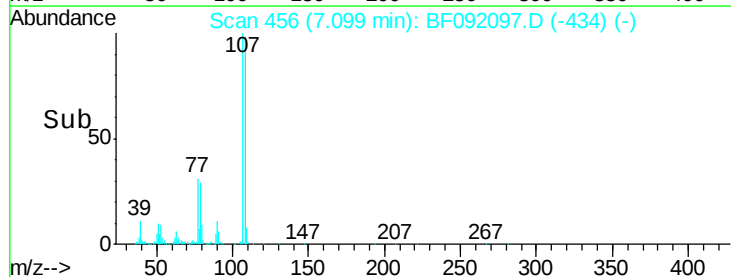
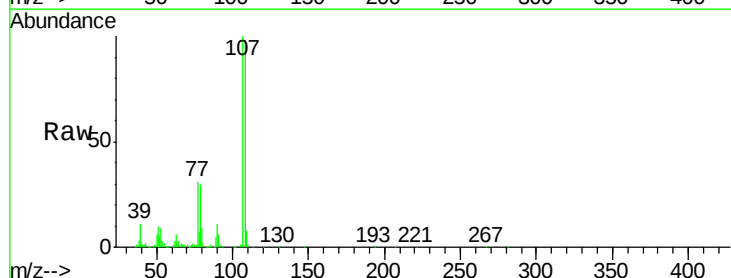
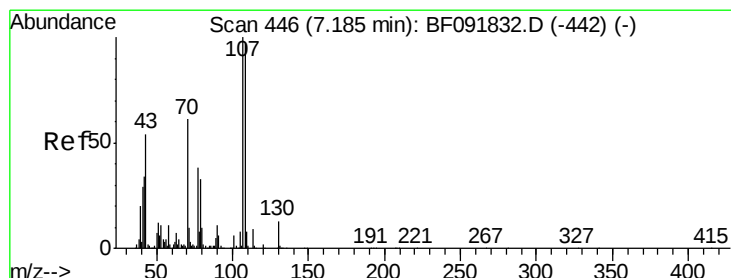
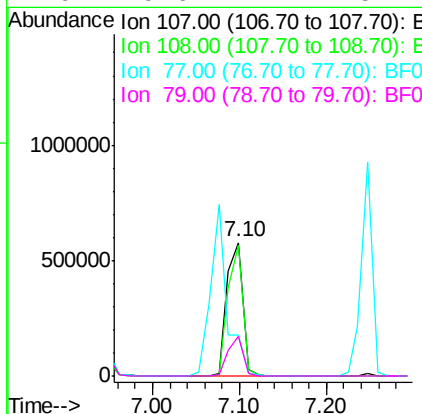
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

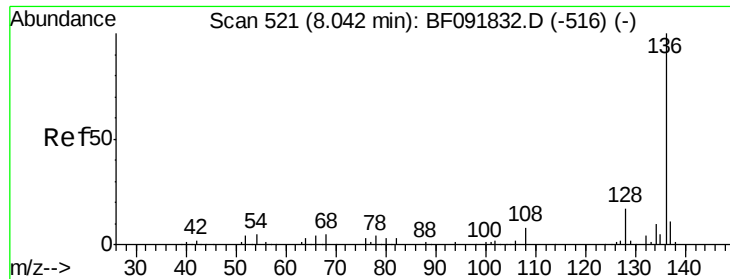
Tgt Ion: 70 Resp: 502569
Ion Ratio Lower Upper
70 100
42 51.4 49.4 74.0
101 10.3 7.4 11.2
130 22.6 14.2 21.4#



#20
3+4-Methylphenols
Concen: 47.64 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion: 107 Resp: 741455
Ion Ratio Lower Upper
107 100
108 97.9 73.0 113.0
77 31.1 71.3 111.3#
79 29.6 11.1 51.1

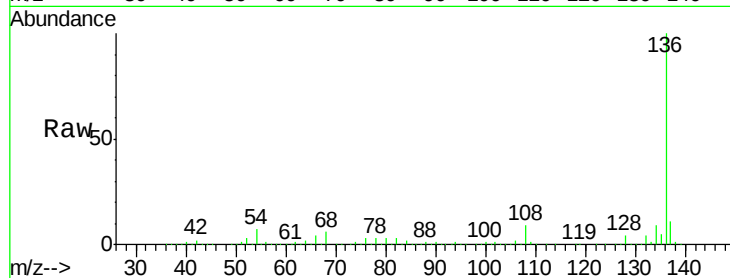




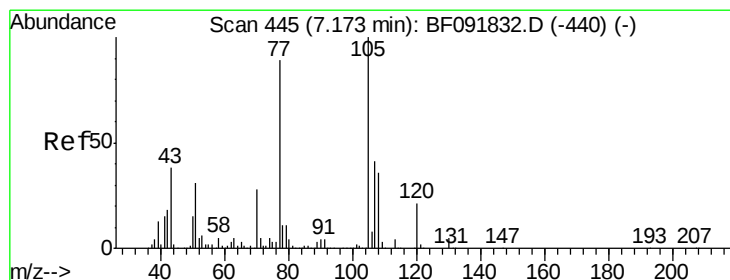
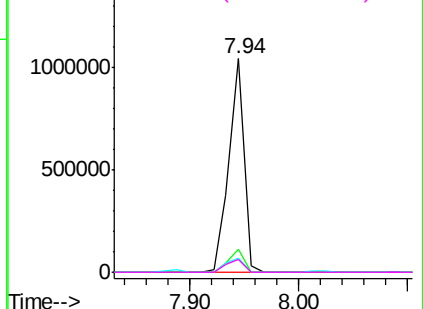
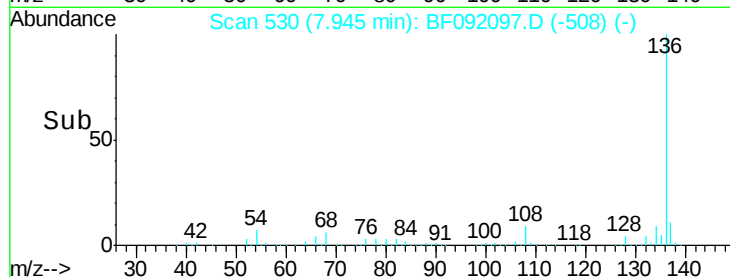
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1002965
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.7 4.5 6.7
68 5.9 3.6 5.4#

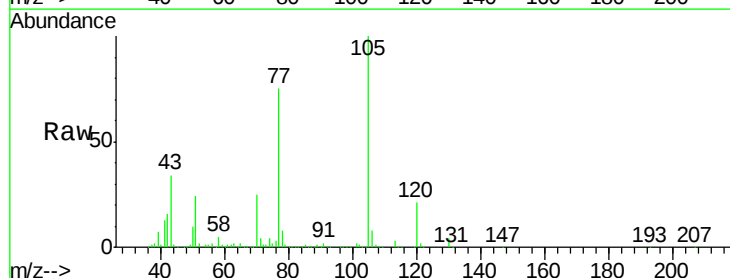


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

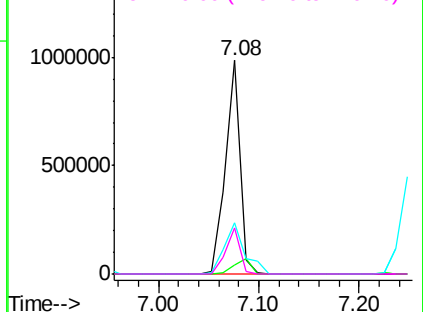
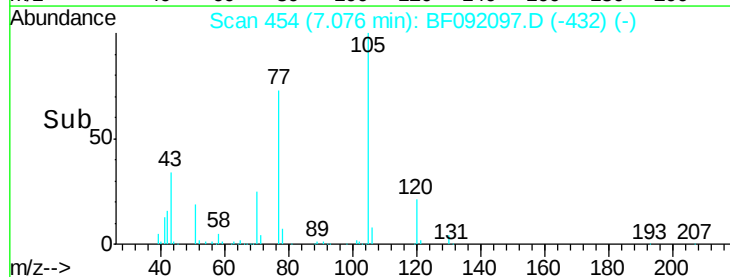


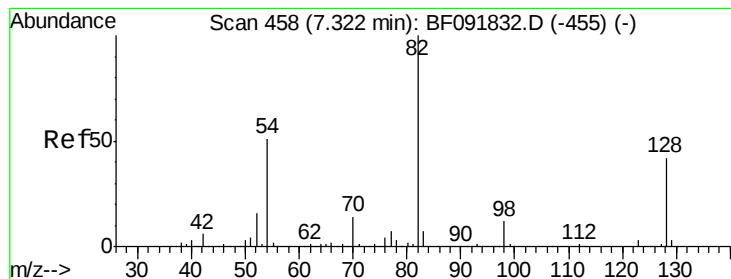
#22
Acetophenone
Concen: 40.16 ng
RT: 7.08 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:105 Resp: 993512
Ion Ratio Lower Upper
105 100
71 4.3 3.2 4.8
51 24.0 26.2 39.4#
120 21.4 16.6 24.8



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: 72.17 ng

RT: 7.22 min Scan# 467

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

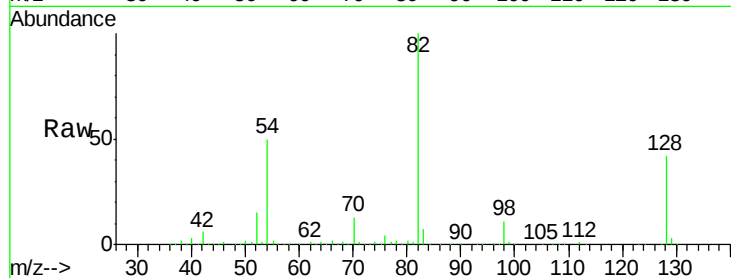
Tgt Ion: 82 Resp: 1301780

Ion Ratio Lower Upper

82 100

128 42.2 34.6 52.0

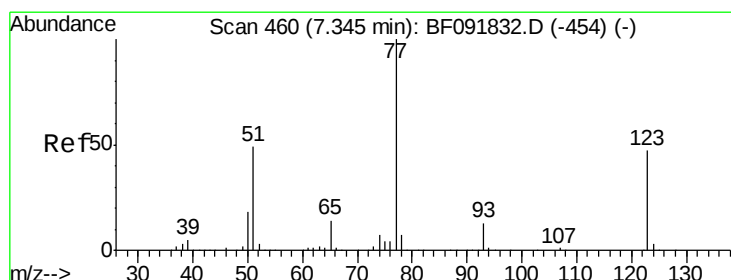
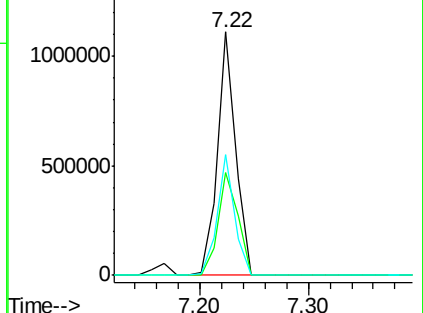
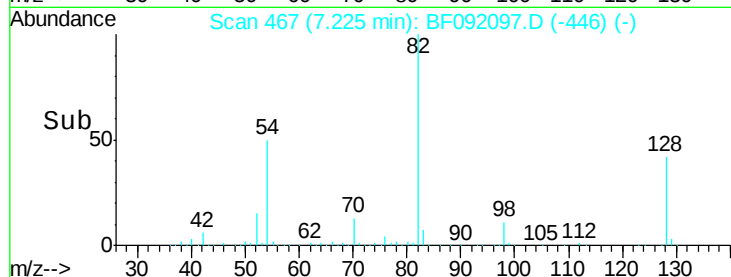
54 49.6 39.5 59.3



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: 41.84 ng

RT: 7.25 min Scan# 469

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

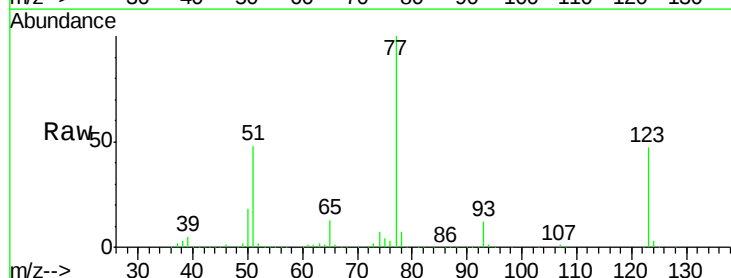
Tgt Ion: 77 Resp: 803812

Ion Ratio Lower Upper

77 100

123 47.4 33.0 49.4

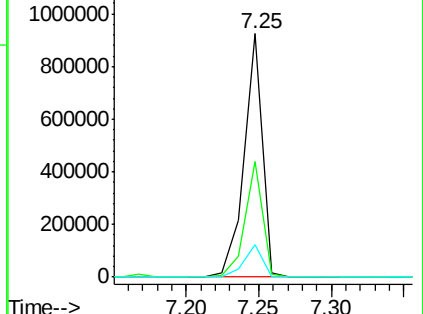
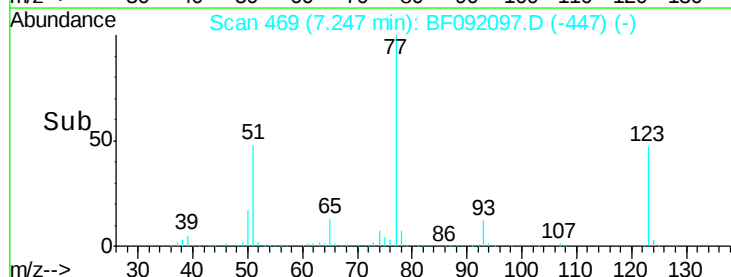
65 13.1 11.2 16.8

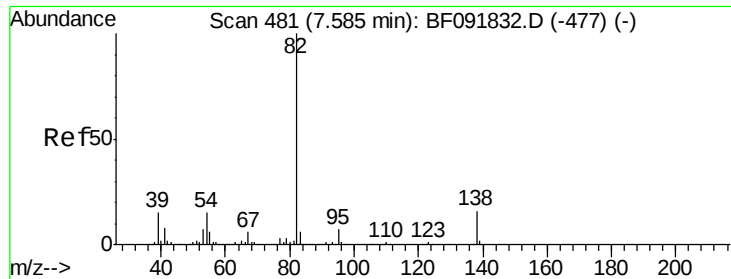


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.78 ng

RT: 7.49 min Scan# 490

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

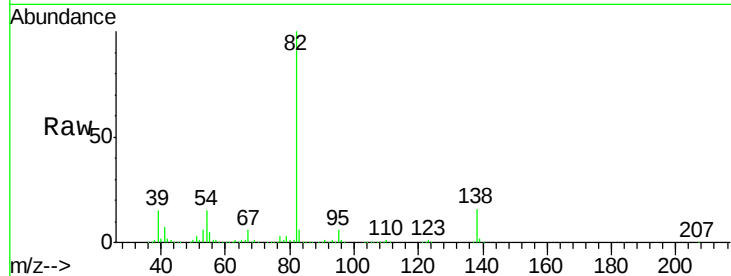
Tgt Ion: 82 Resp: 1323749

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

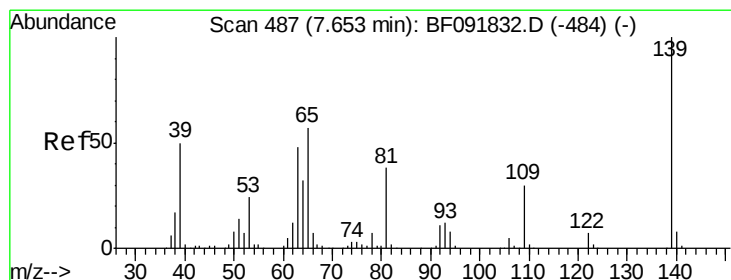
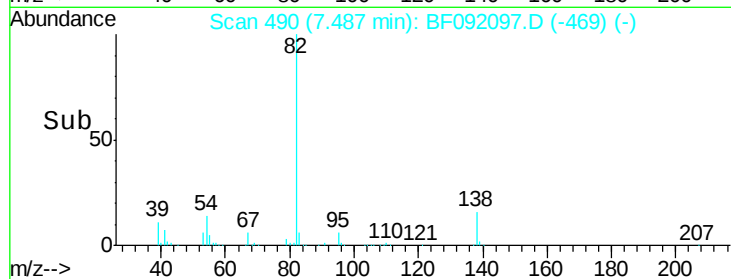
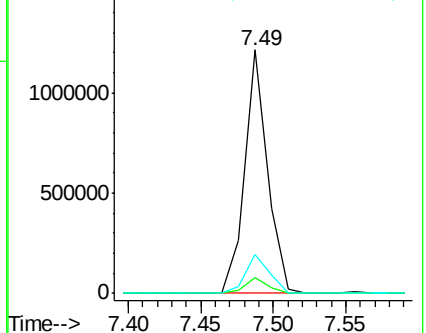
138 16.0 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.75 ng

RT: 7.57 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

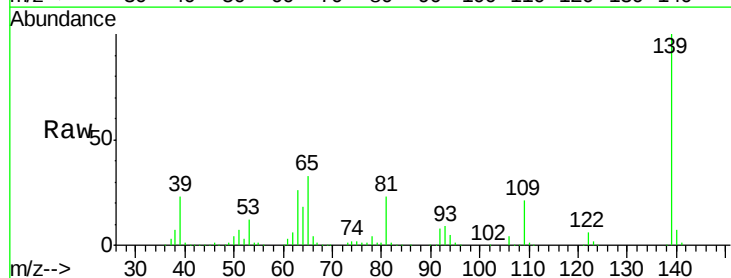
Tgt Ion: 139 Resp: 386017

Ion Ratio Lower Upper

139 100

109 20.9 23.3 34.9#

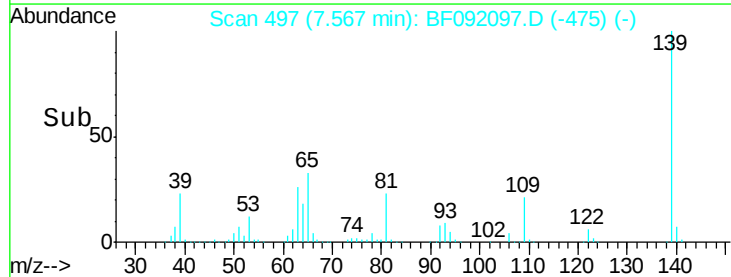
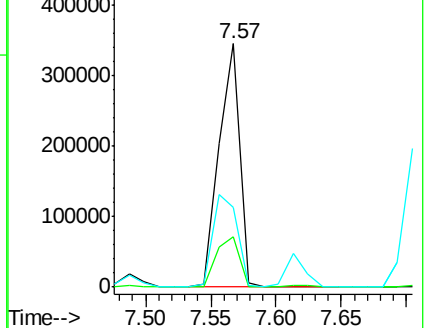
65 33.0 42.7 64.1#

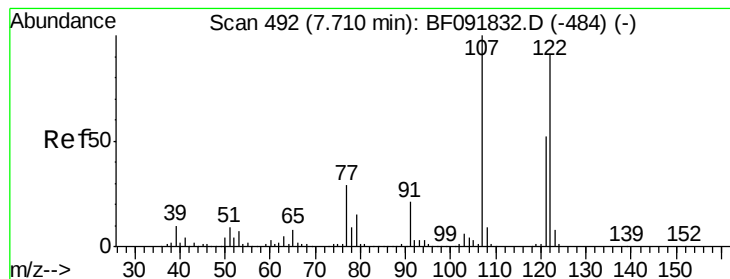


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.90 ng

RT: 7.61 min Scan# 501

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

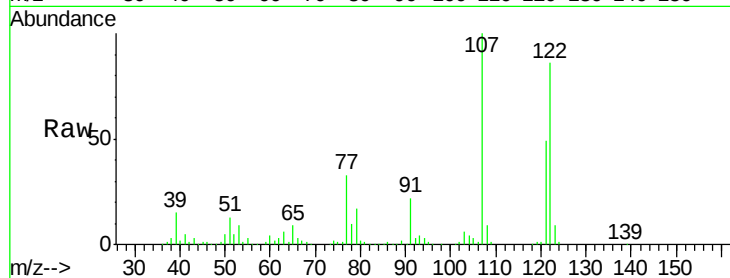
Tgt Ion: 122 Resp: 548442

Ion Ratio Lower Upper

122 100

107 116.0 94.1 141.1

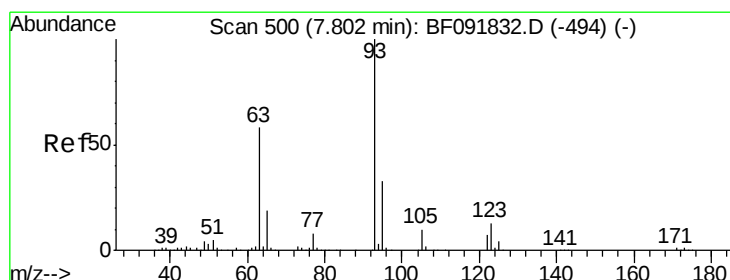
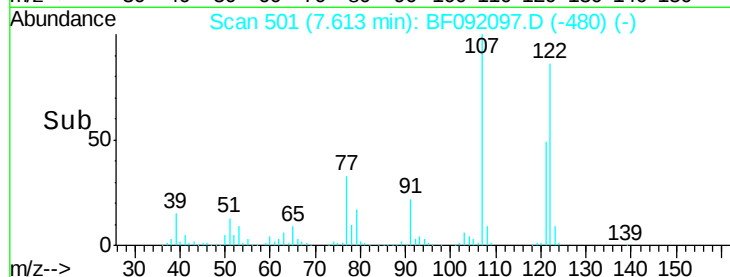
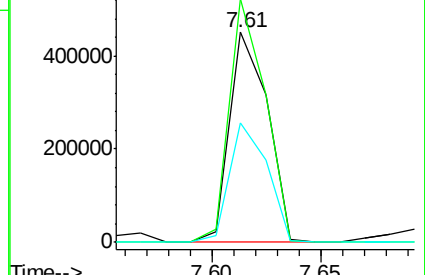
121 56.7 46.0 69.0



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: 39.16 ng

RT: 7.70 min Scan# 509

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

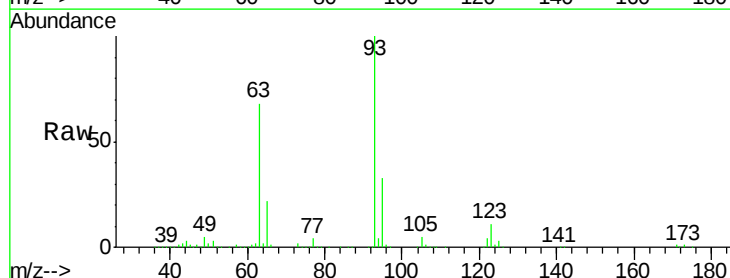
Tgt Ion: 93 Resp: 790306

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

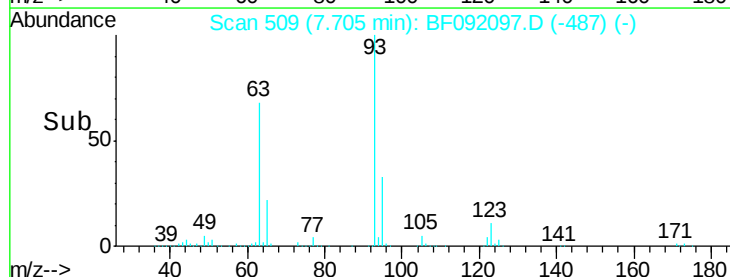
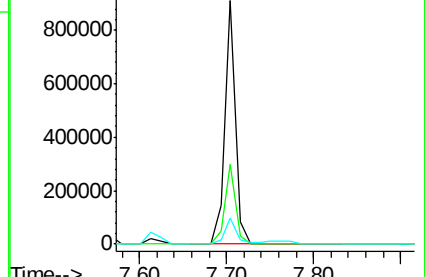
123 10.5 8.6 13.0

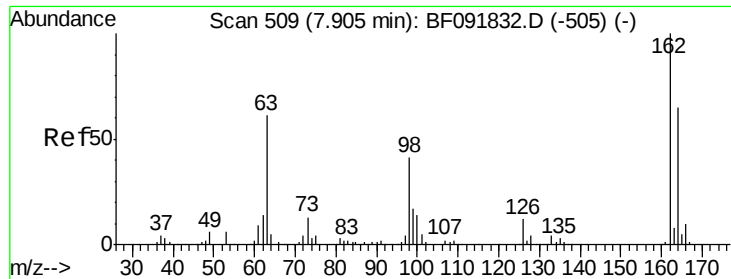


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

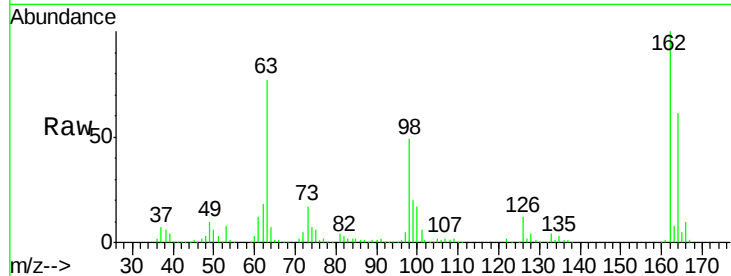




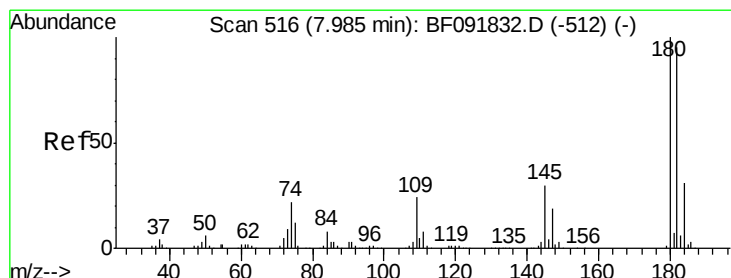
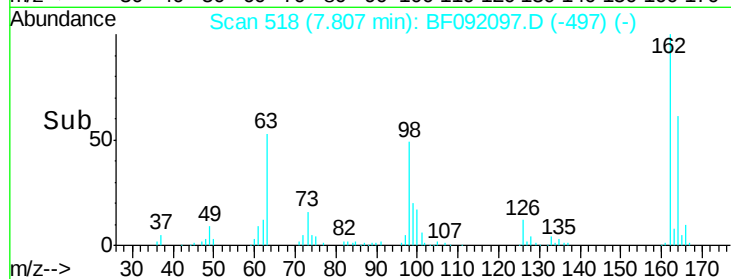
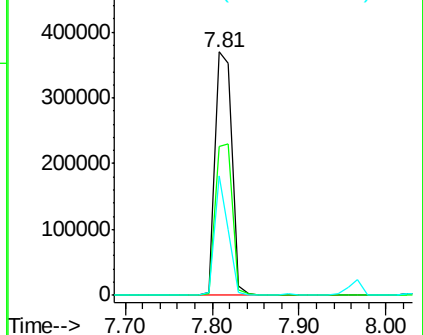
#29
 2,4-Dichlorophenol
 Concen: 38.53 ng
 RT: 7.81 min Scan# 518
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 512620
 Ion Ratio Lower Upper
 162 100
 164 61.4 46.8 86.8
 98 48.9 9.1 49.1

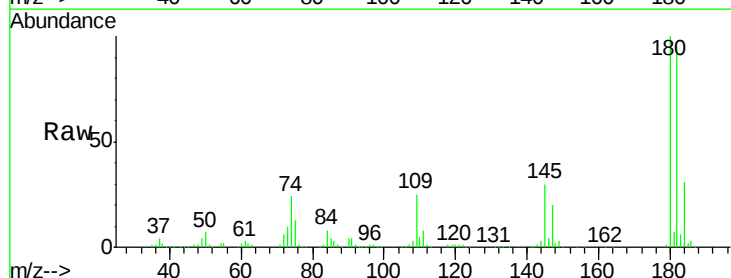


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

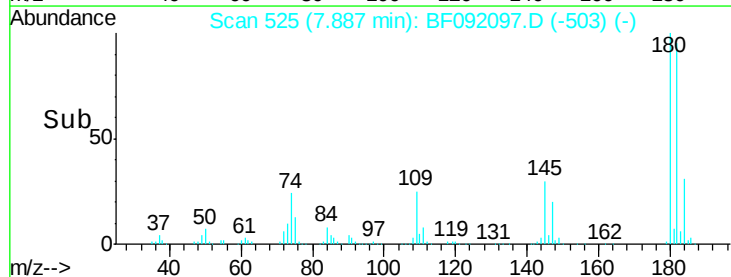
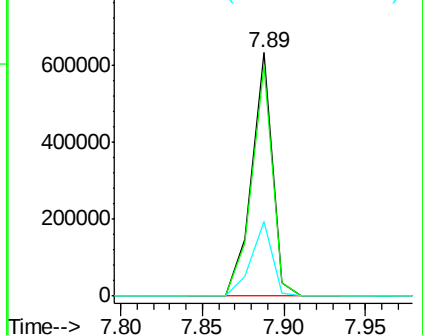


#30
 1,2,4-Trichlorobenzene
 Concen: 38.40 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.05 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion:180 Resp: 559905
 Ion Ratio Lower Upper
 180 100
 182 94.6 78.2 117.4
 145 30.5 21.6 32.4



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: 43.03 ng

RT: 7.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

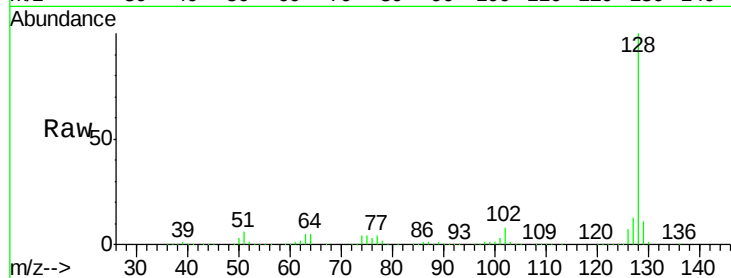
Tgt Ion:128 Resp: 1975339

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

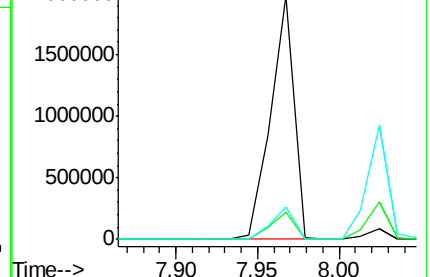
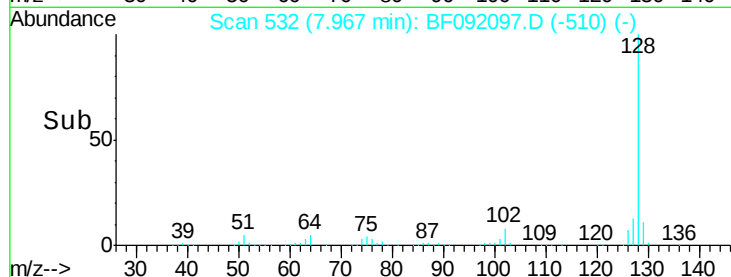
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.76 ng

RT: 7.77 min Scan# 515

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

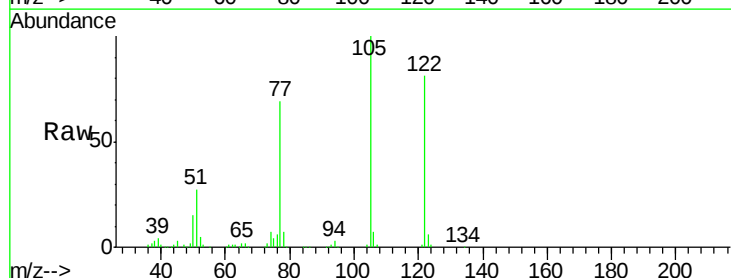
Tgt Ion:122 Resp: 533347

Ion Ratio Lower Upper

122 100

105 123.7 107.2 147.2

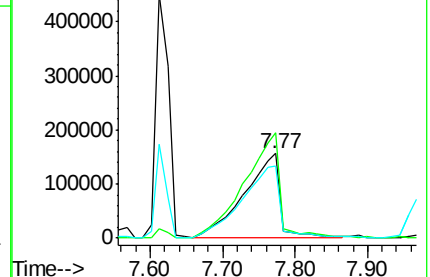
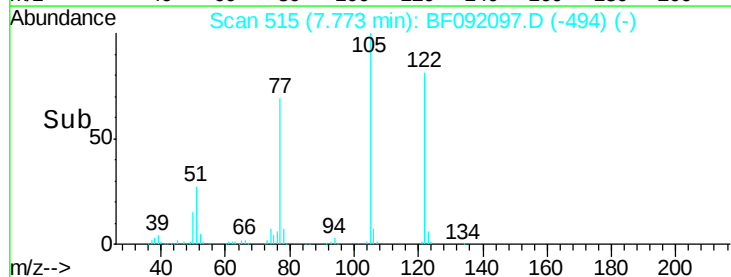
77 85.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

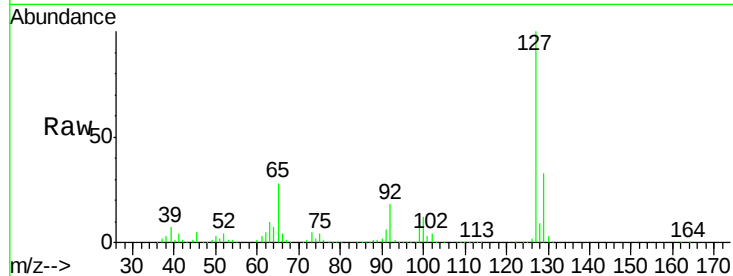




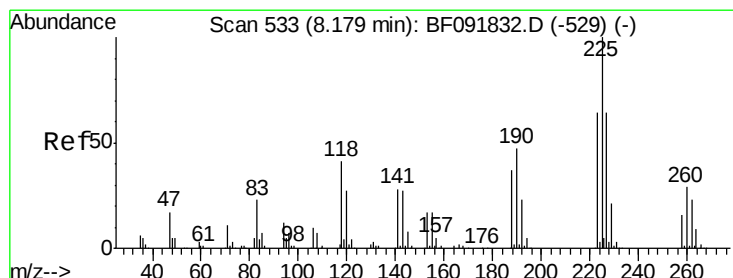
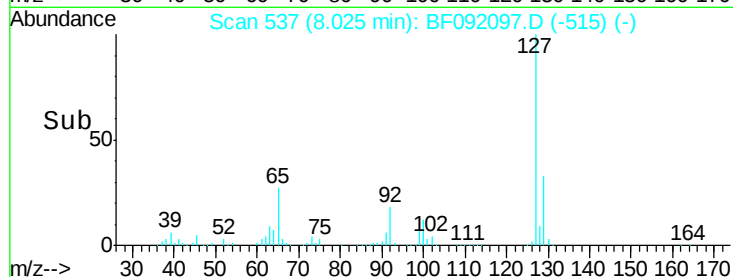
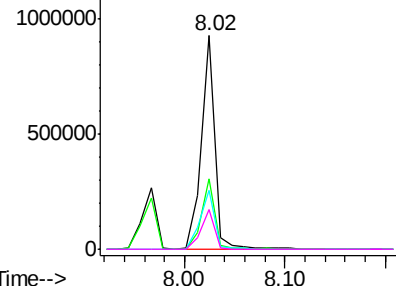
#33
4-Chloroaniline
Concen: 41.36 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	856153
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	27.8	25.8	38.8
92	18.4	16.1	24.1

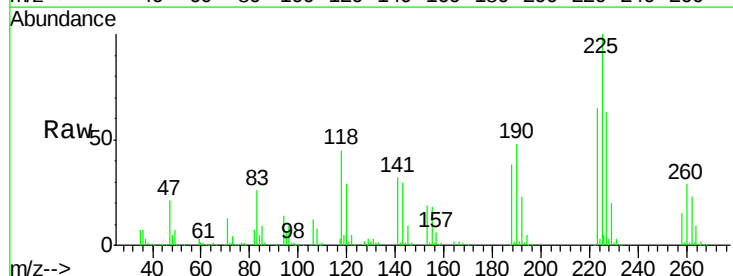


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

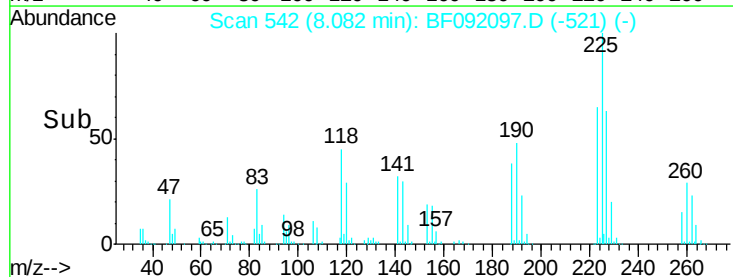
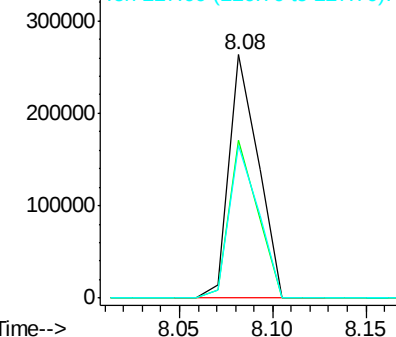


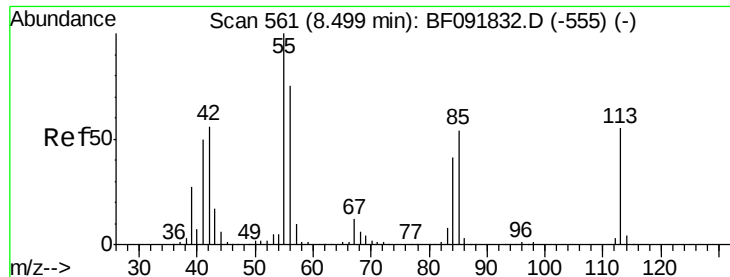
#34
Hexachlorobutadiene
Concen: 37.15 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:	225	Resp:	285941
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.0	76.6
227	62.9	50.6	76.0



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

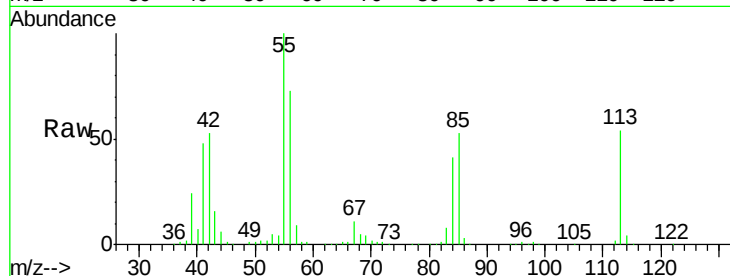




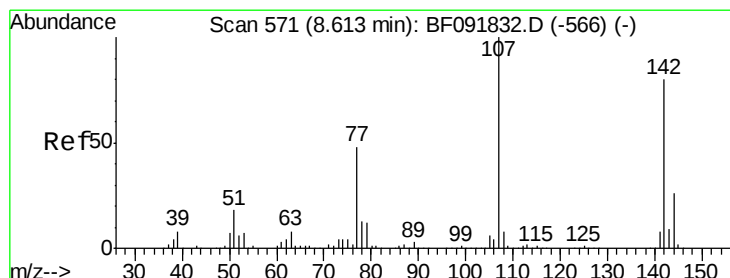
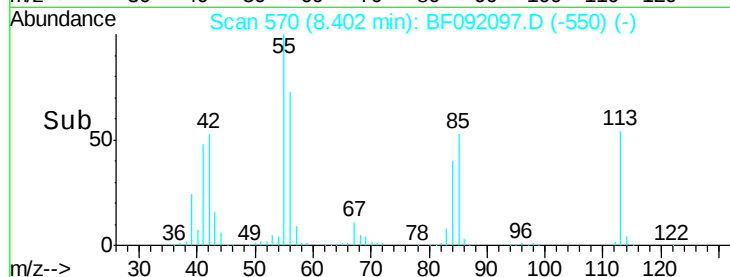
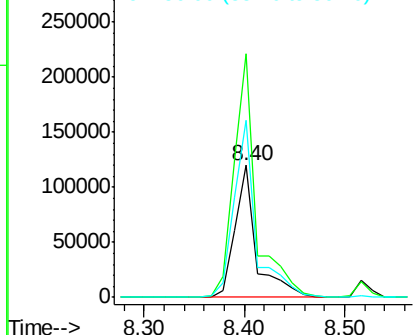
#35
 Caprolactam
 Concen: 40.33 ng
 RT: 8.40 min Scan# 570
 Delta R.T. -0.07 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 176353
 Ion Ratio Lower Upper
 113 100
 55 184.4 119.2 159.2#
 56 134.1 83.8 123.8#

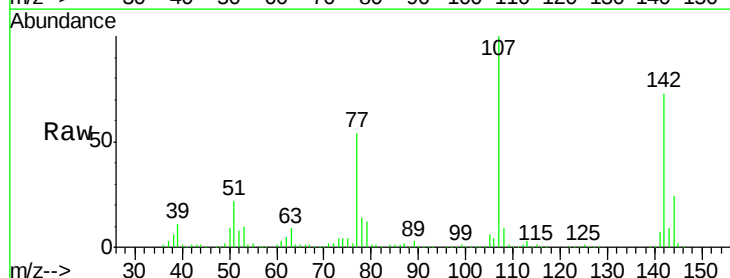


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

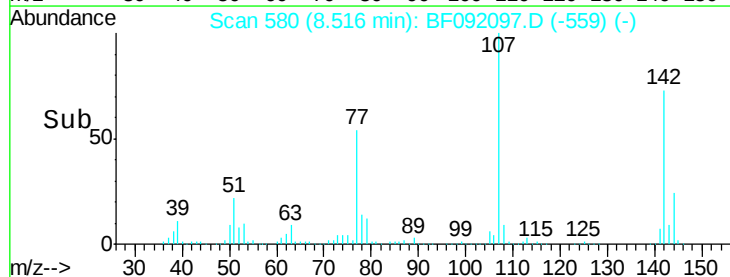
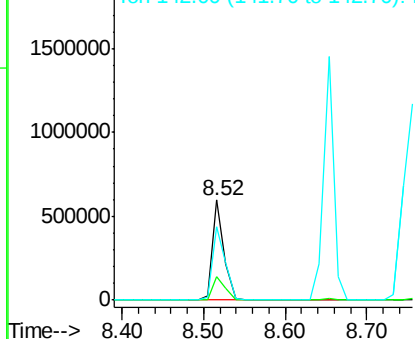


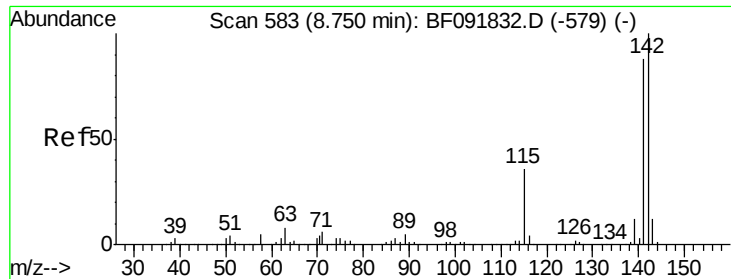
#36
 4-Chloro-3-methylphenol
 Concen: 38.32 ng
 RT: 8.52 min Scan# 580
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion:107 Resp: 586704
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.3 28.9
 142 73.4 59.0 88.6



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

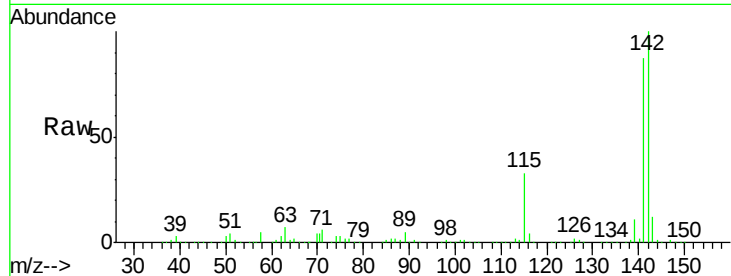




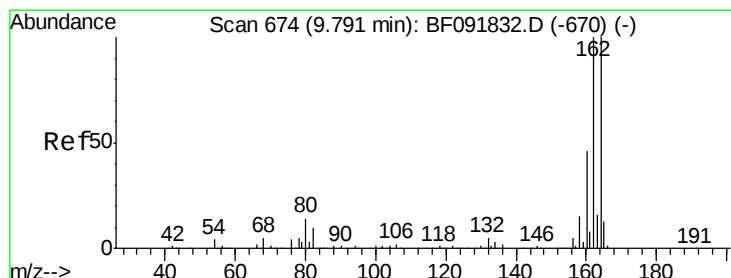
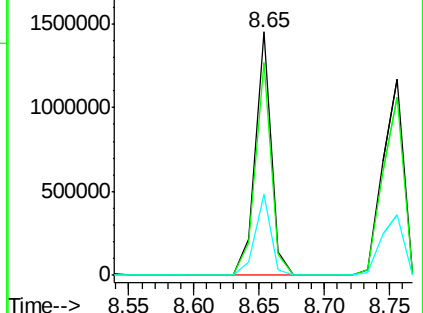
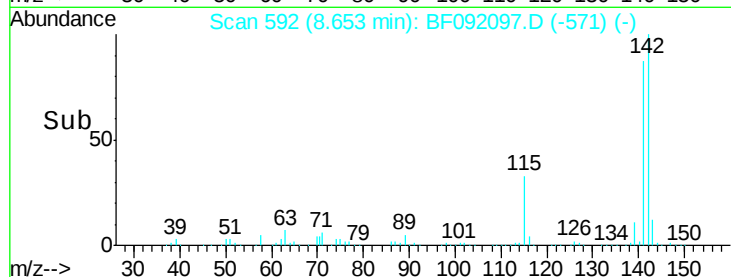
#37
2-Methylnaphthalene
Concen: 44.71 ng
RT: 8.65 min Scan# 592
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1246741
Ion Ratio Lower Upper
142 100
141 87.2 71.0 106.6
115 33.4 28.3 42.5

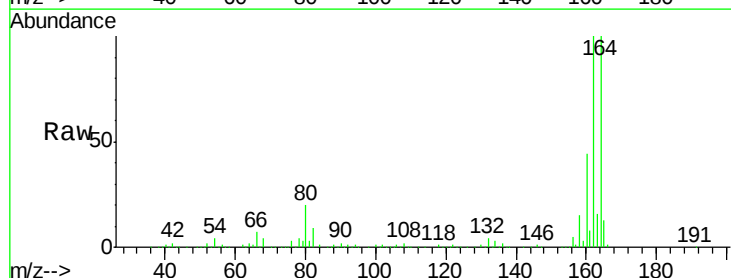


Abundance Ion 142.00 (141.70 to 142.70): E
2000000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

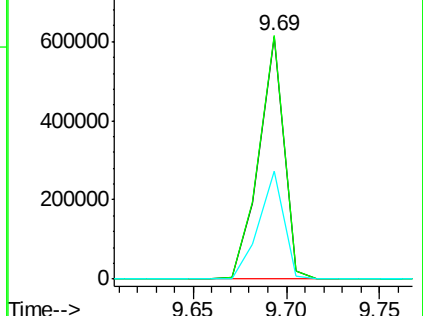
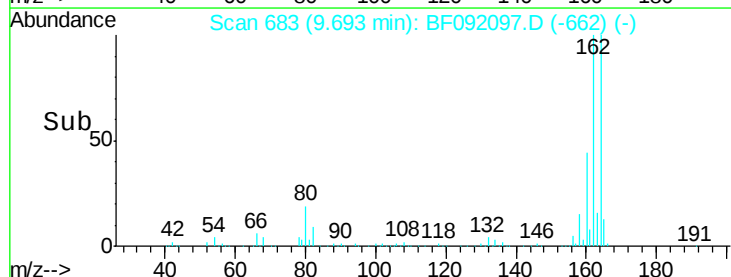


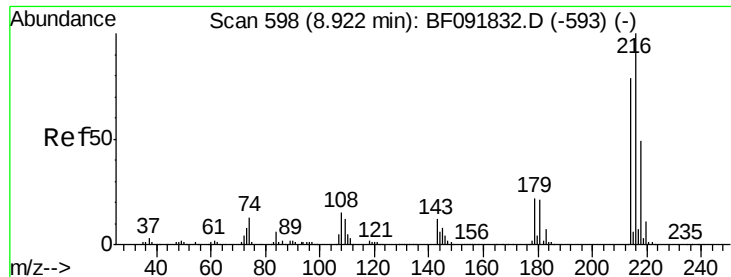
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:164 Resp: 569079
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.2
160 44.4 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
800000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

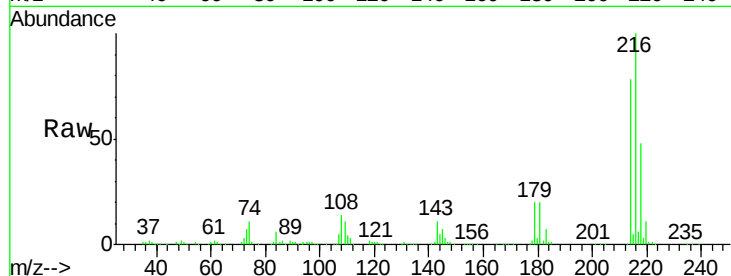




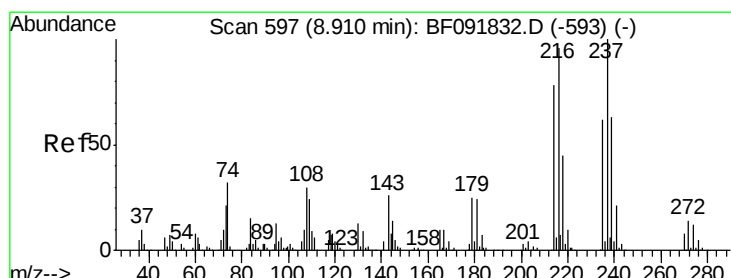
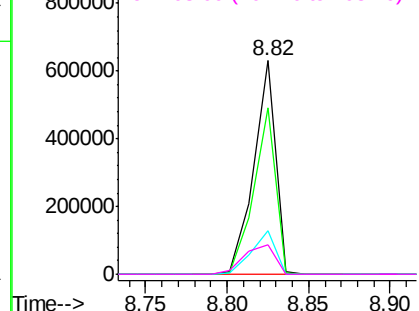
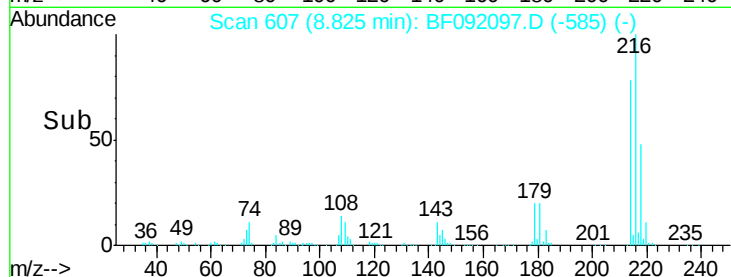
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.66 ng
 RT: 8.82 min Scan# 607
 Delta R.T. -0.05 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	584574
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.0
179	21.7	17.4	26.2
108	19.4	15.6	23.4

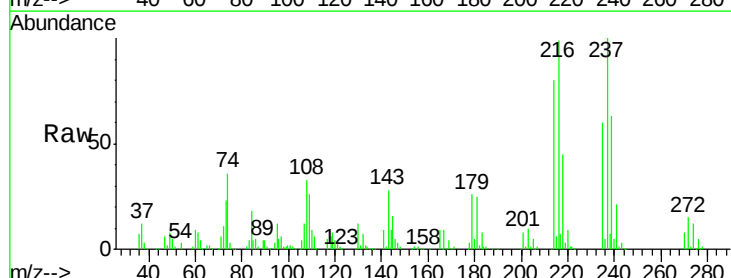


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

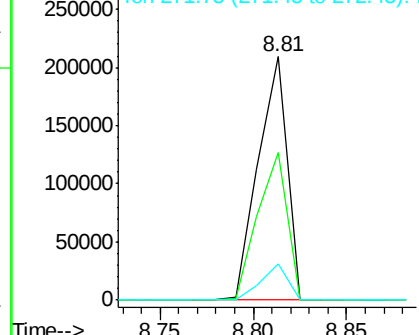
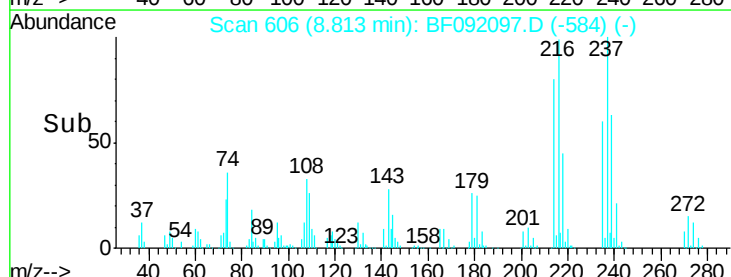


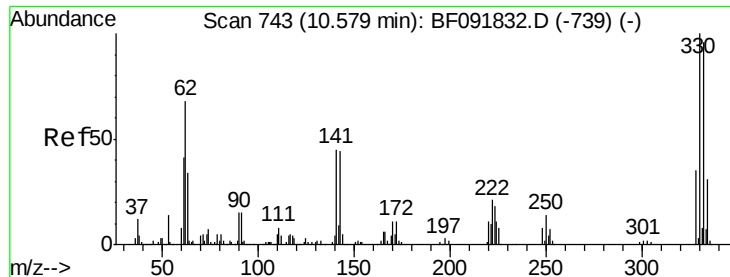
#40
 Hexachlorocyclopentadiene
 Concen: 37.13 ng
 RT: 8.81 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion:	237	Resp:	223358
Ion	Ratio	Lower	Upper
237	100		
235	60.5	41.2	81.2
272	14.8	0.0	35.4



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

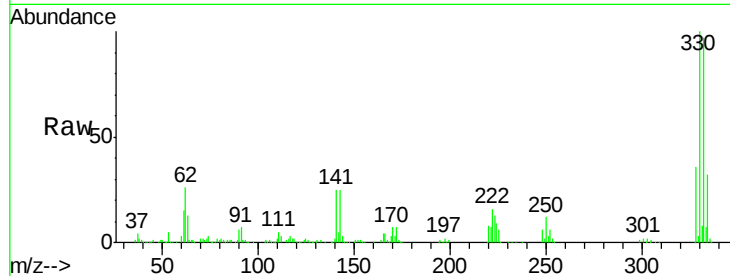




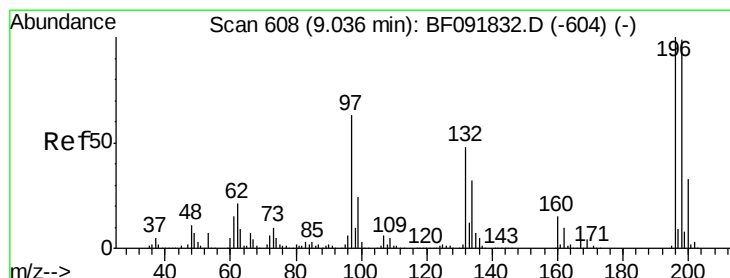
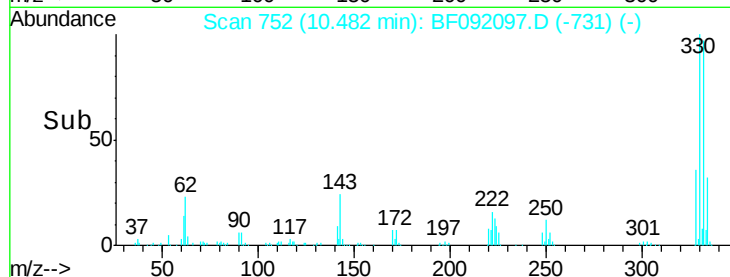
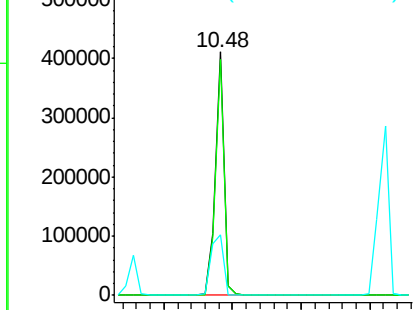
#41
 2,4,6-Tribromophenol
 Concen: 78.96 ng
 RT: 10.48 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 371884
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 35.8 34.1 51.1

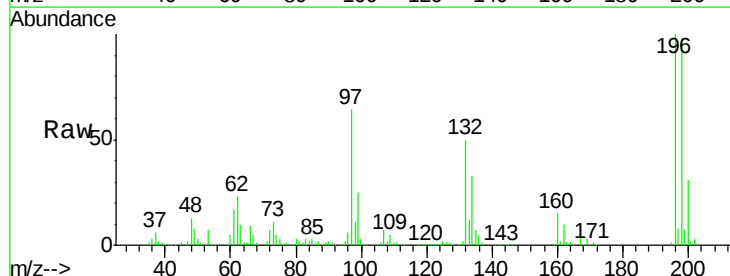


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

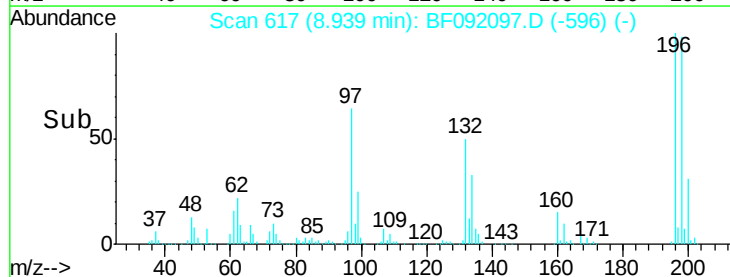
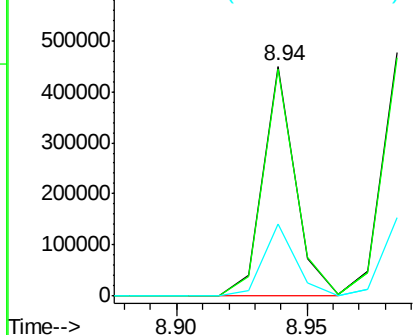


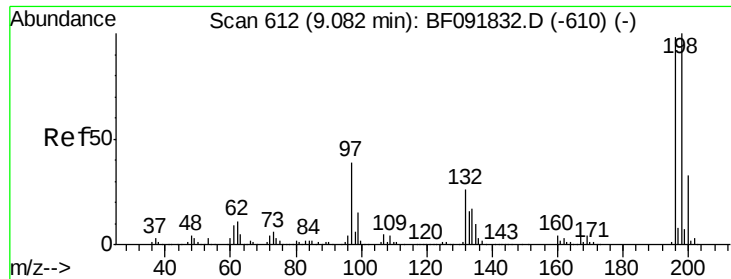
#42
 2,4,6-Trichlorophenol
 Concen: 38.61 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion:196 Resp: 388242
 Ion Ratio Lower Upper
 196 100
 198 98.4 82.1 123.1
 200 31.3 27.0 40.4



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

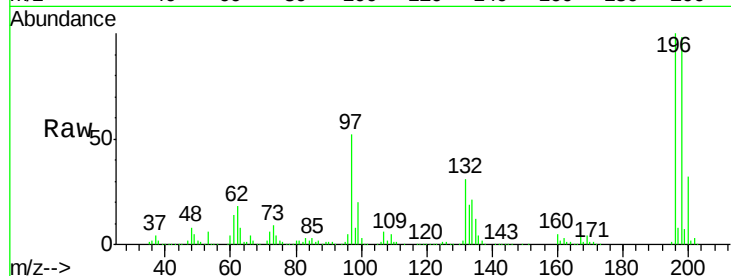




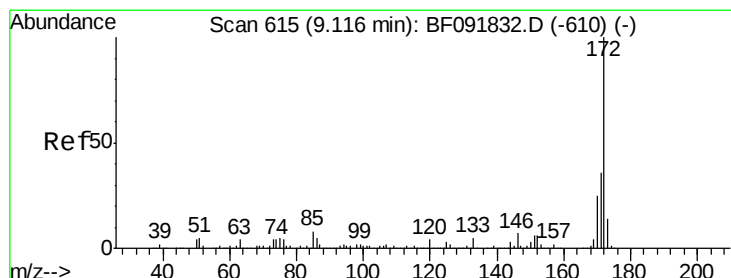
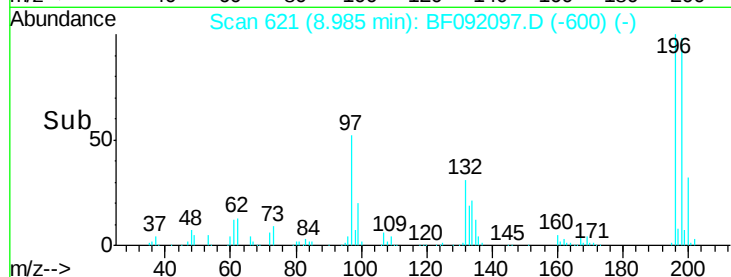
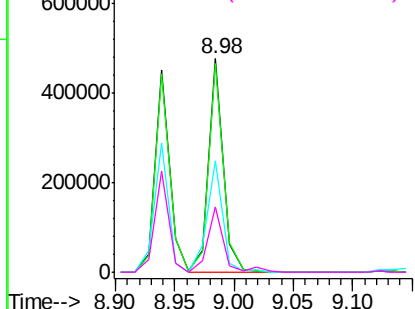
#43
 2,4,5-Trichlorophenol
 Concen: 39.57 ng
 RT: 8.98 min Scan# 621
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 409464
 Ion Ratio Lower Upper
 196 100
 198 97.9 79.4 119.2
 97 52.0 51.5 77.3
 132 30.7 27.4 41.2

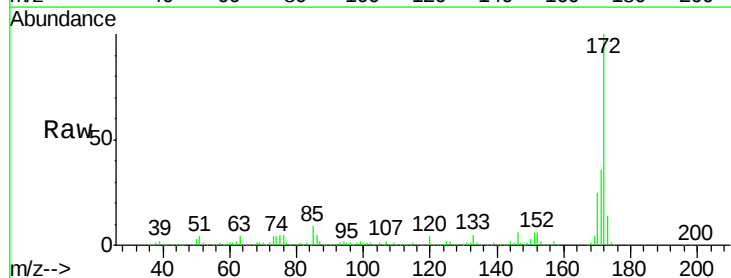


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

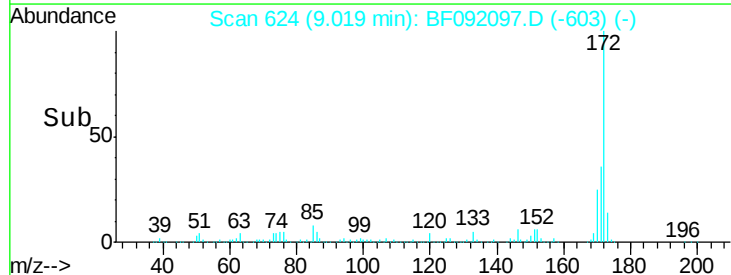
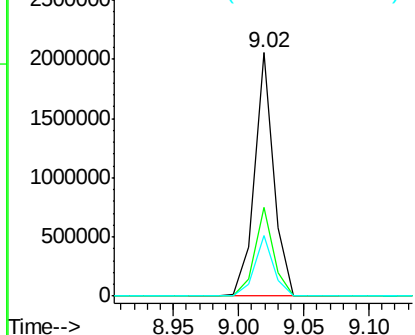


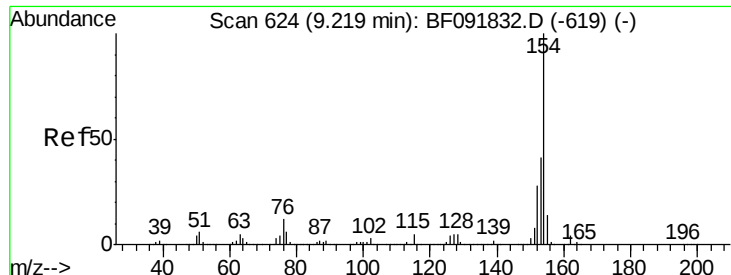
#44
 2-Fluorobiphenyl
 Concen: 73.79 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion:172 Resp: 2096780
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 25.0 20.2 30.4



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

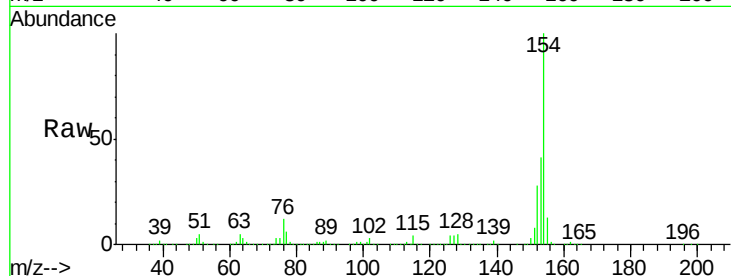




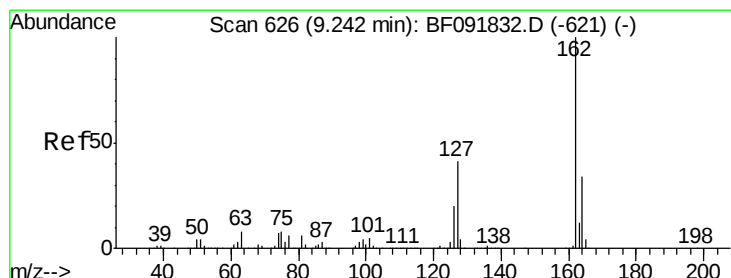
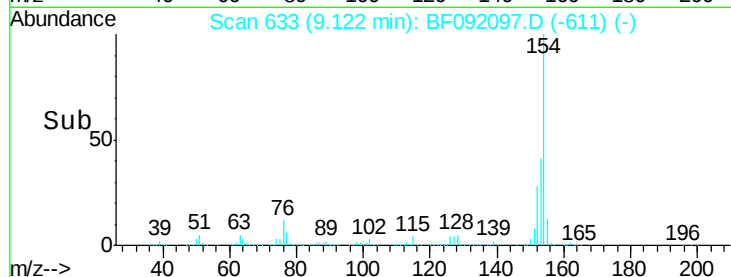
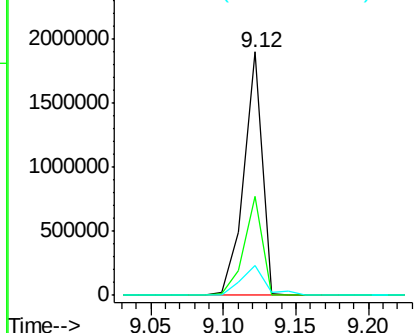
#45
 1,1'-Biphenyl
 Concen: 42.91 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.05 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1671824
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 12.4 0.0 30.5

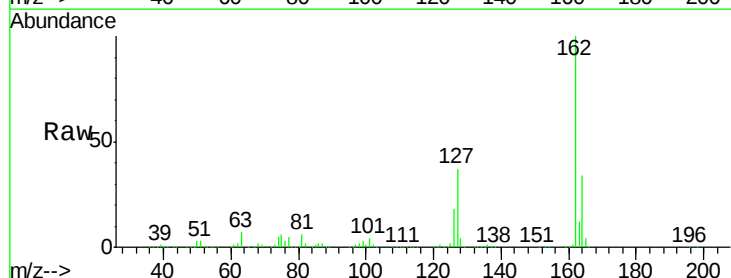


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

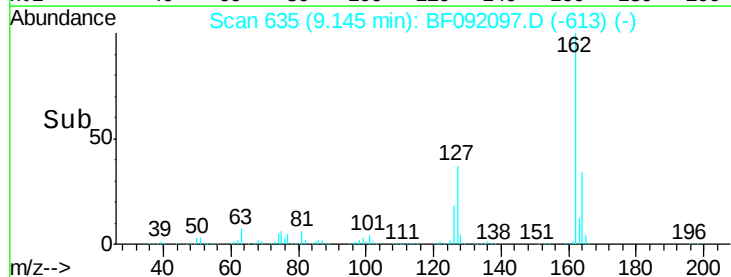
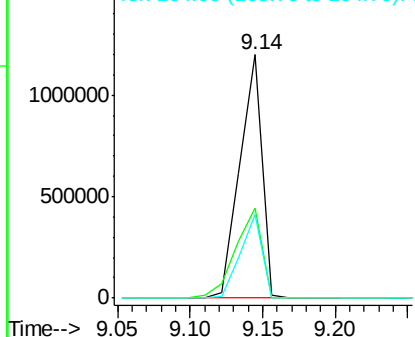


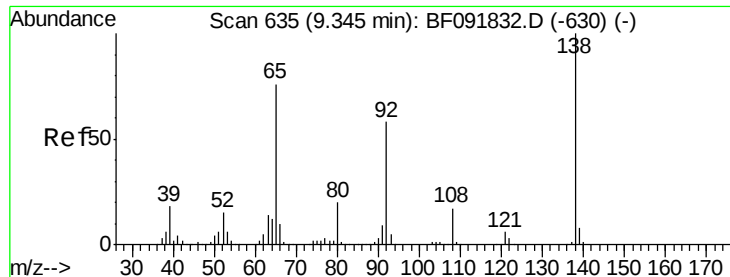
#46
 2-Chloronaphthalene
 Concen: 41.25 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion:162 Resp: 1272953
 Ion Ratio Lower Upper
 162 100
 127 37.2 30.7 46.1
 164 34.3 27.6 41.4



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

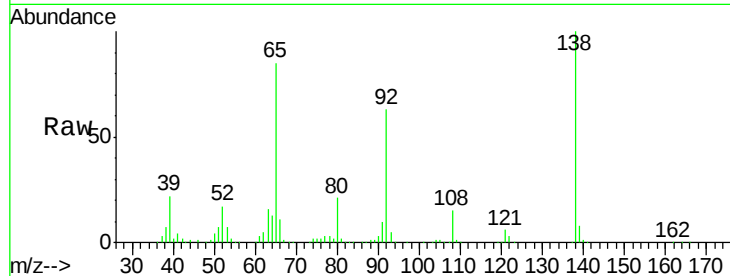




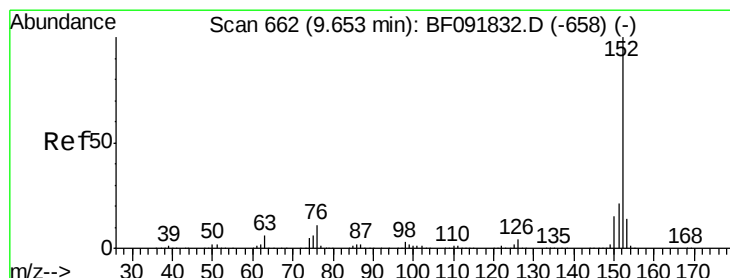
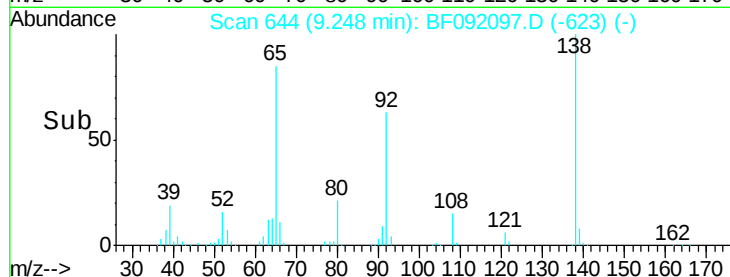
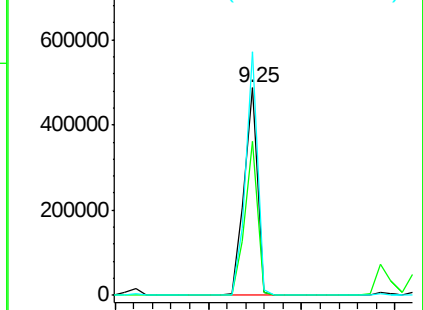
#47
2-Nitroaniline
Concen: 44.23 ng
RT: 9.25 min Scan# 644
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 485970
Ion Ratio Lower Upper
65 100
92 74.4 53.9 80.9
138 117.2 76.8 115.2#

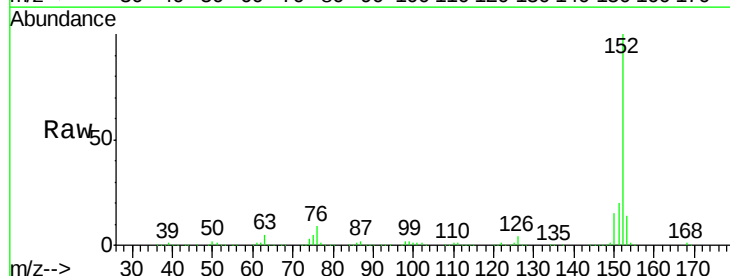


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

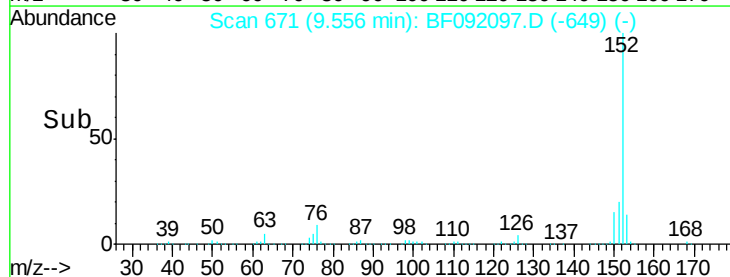
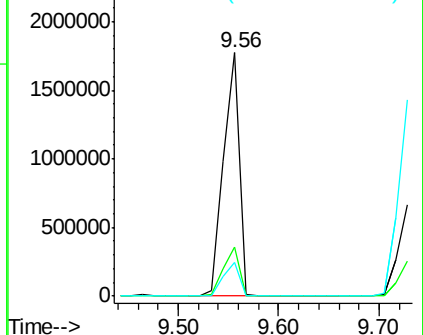


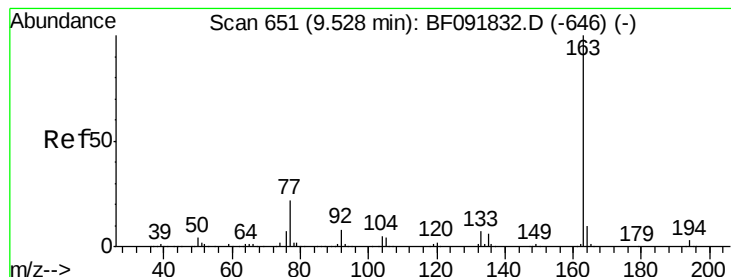
#48
Acenaphthylene
Concen: 40.72 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion: 152 Resp: 1932370
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.7 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.77 ng

RT: 9.43 min Scan# 660

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

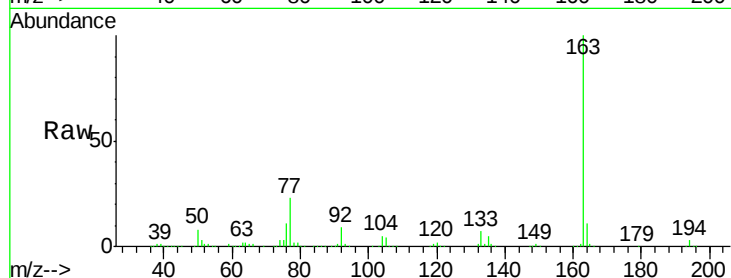
Tgt Ion:163 Resp: 1411098

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

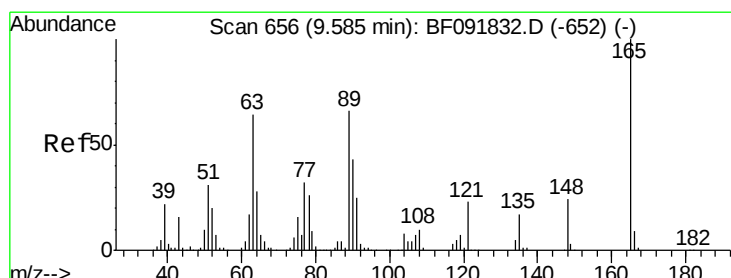
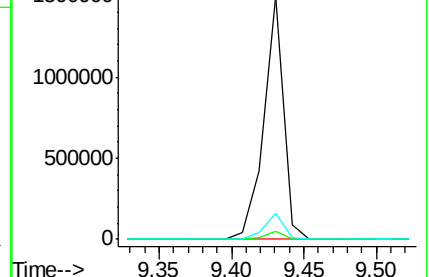
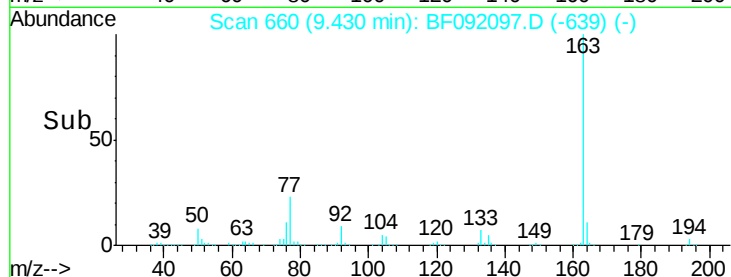
164 10.7 8.0 12.0



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: 36.86 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

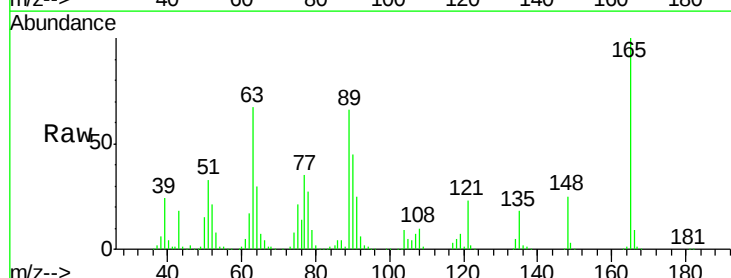
Tgt Ion:165 Resp: 293650

Ion Ratio Lower Upper

165 100

63 66.6 36.2 54.4#

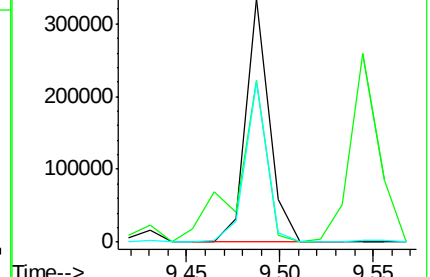
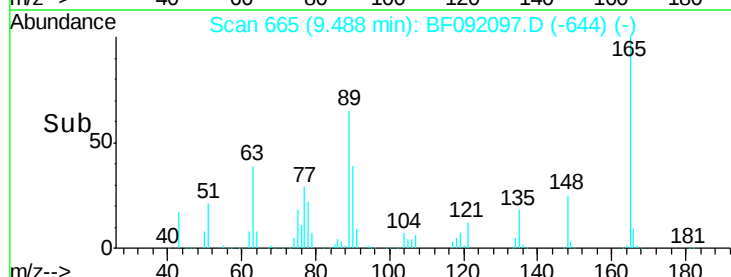
89 65.8 40.2 60.4#

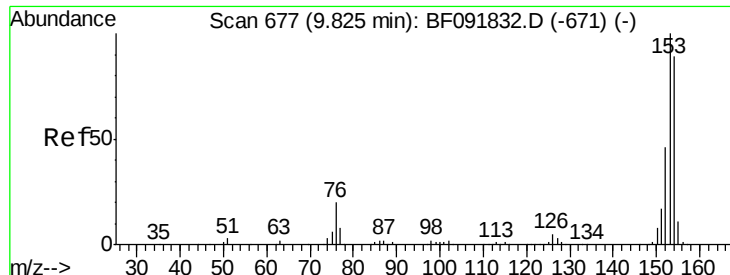


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

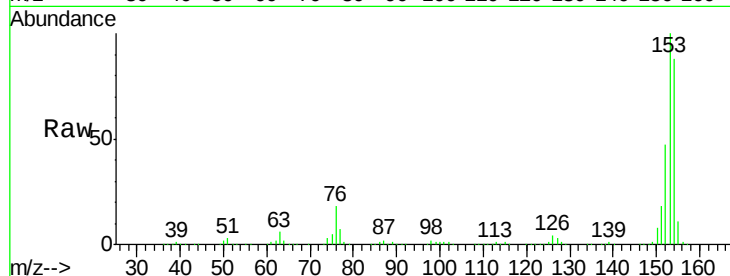




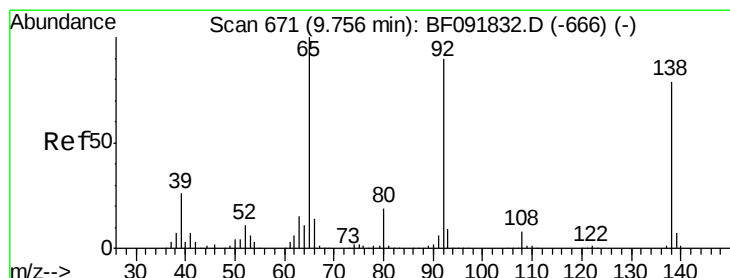
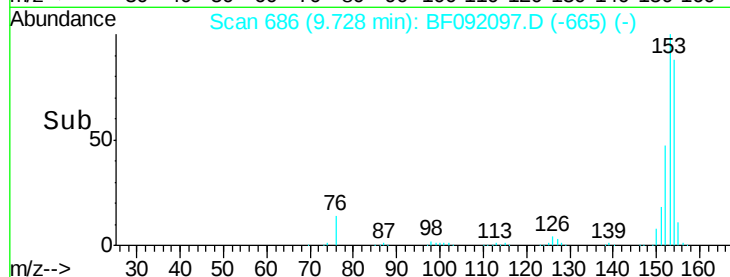
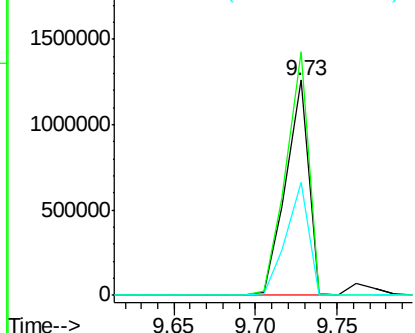
#51
Acenaphthene
Concen: 38.58 ng
RT: 9.73 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 1241338
Ion Ratio Lower Upper
154 100
153 113.3 88.6 133.0
152 52.9 41.6 62.4

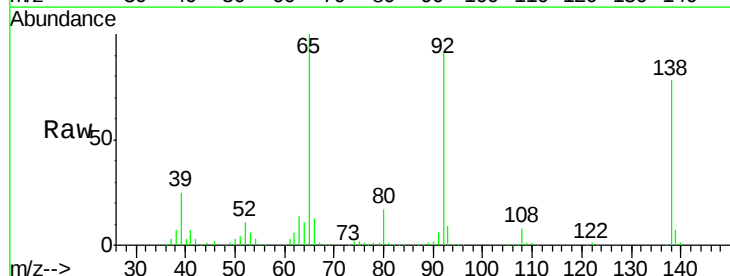


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

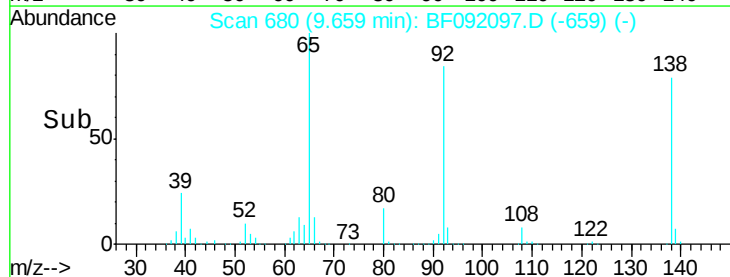
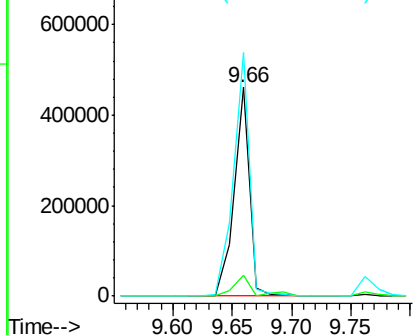


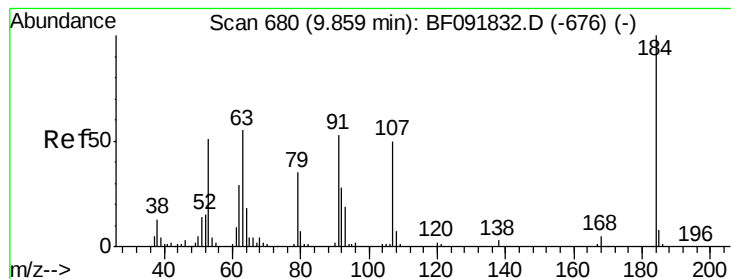
#52
3-Nitroaniline
Concen: 42.22 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:138 Resp: 416212
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 116.6 97.8 146.8



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: 37.45 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

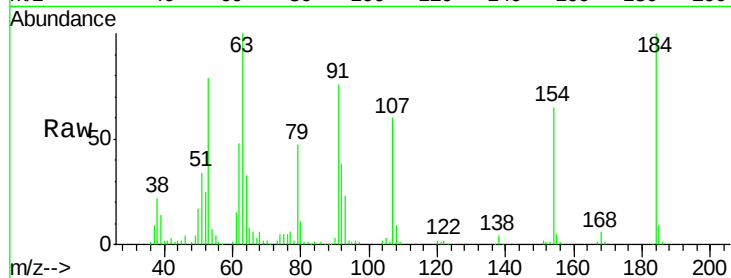
Tgt Ion:184 Resp: 166022

Ion Ratio Lower Upper

184 100

63 99.5 28.4 42.6#

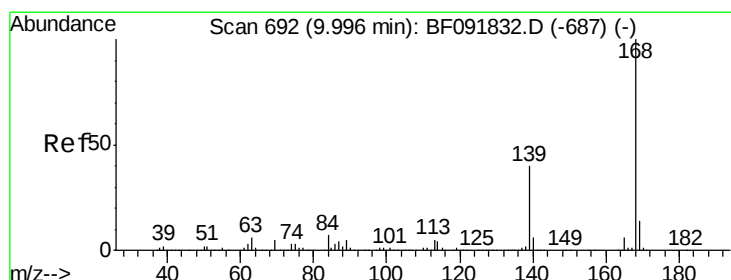
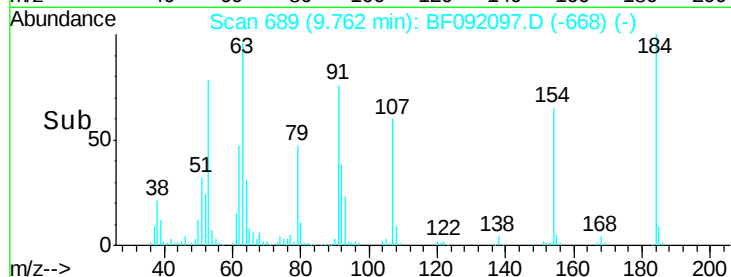
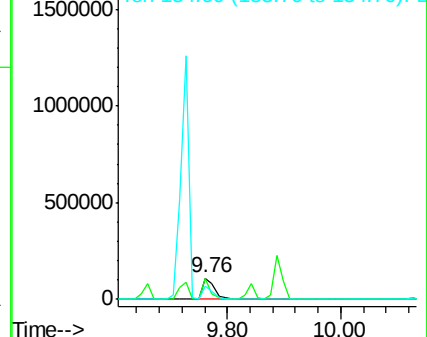
154 64.6 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.53 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

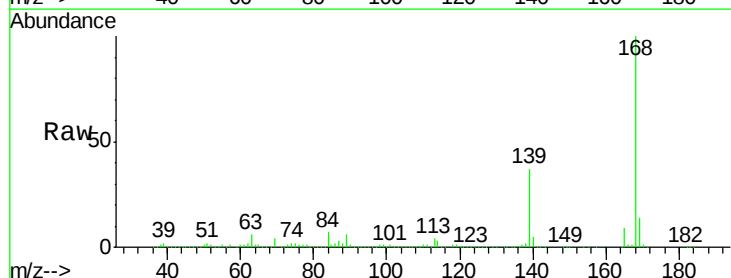
Tgt Ion:168 Resp: 1630493

Ion Ratio Lower Upper

168 100

139 36.9 32.6 49.0

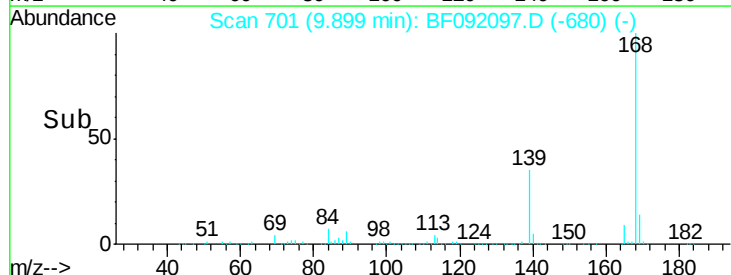
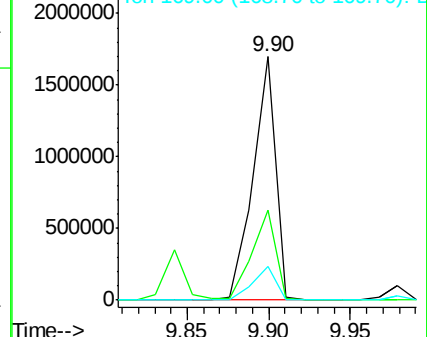
169 13.7 11.3 16.9

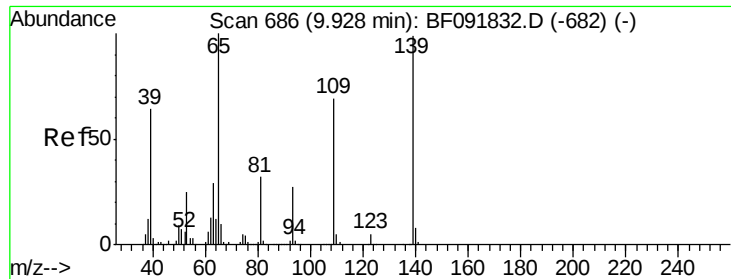


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

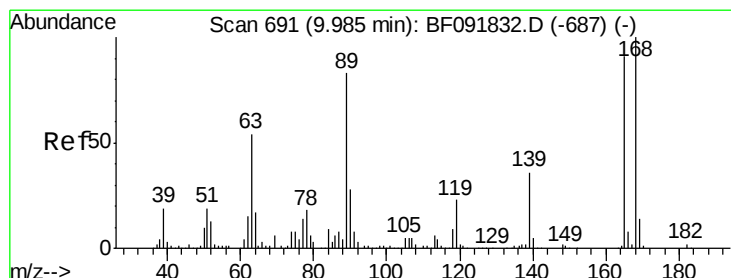
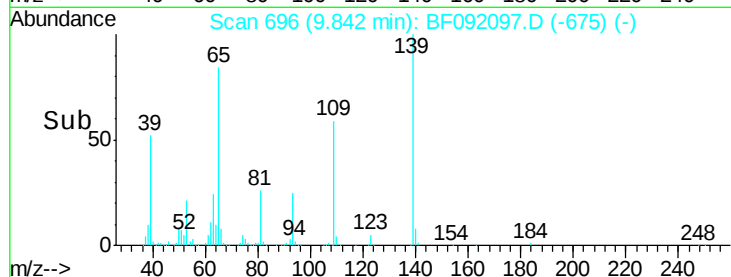
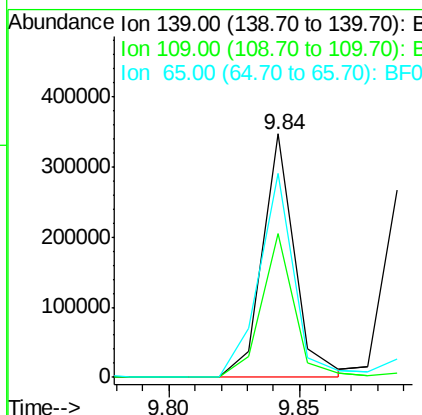
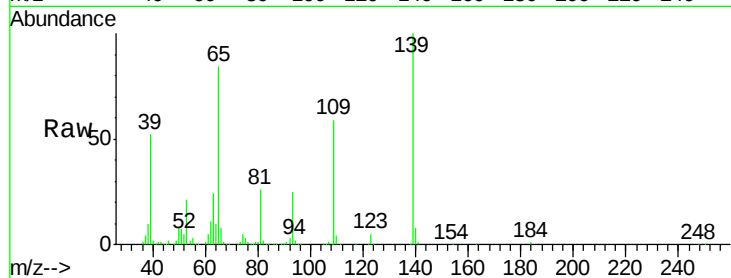




#55
4-Nitrophenol
Concen: 44.72 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

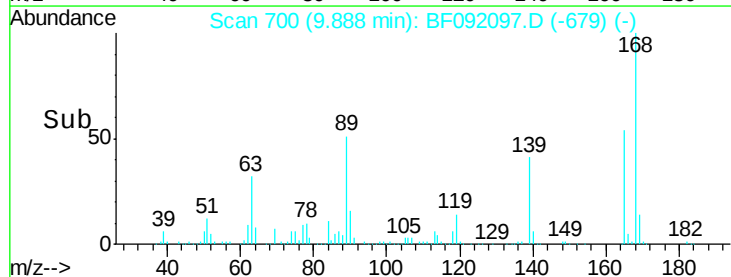
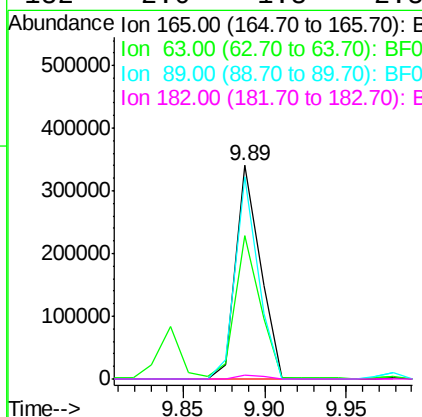
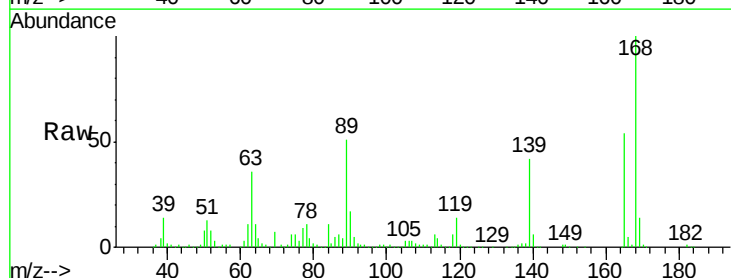
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

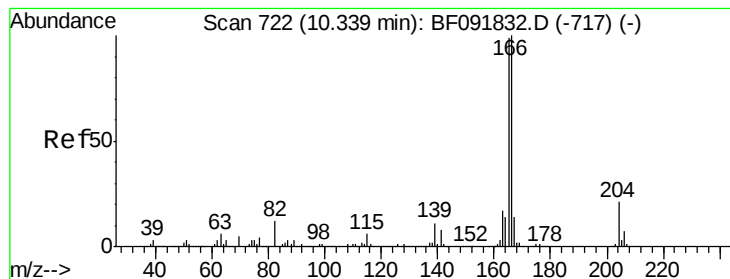
Tgt Ion:139 Resp: 299368
Ion Ratio Lower Upper
139 100
109 58.9 52.2 92.2
65 83.8 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 35.19 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:165 Resp: 351834
Ion Ratio Lower Upper
165 100
63 67.3 40.2 60.4#
89 94.6 62.5 93.7#
182 2.0 1.8 2.8





#57

Fluorene

Concen: 40.33 ng

RT: 10.24 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

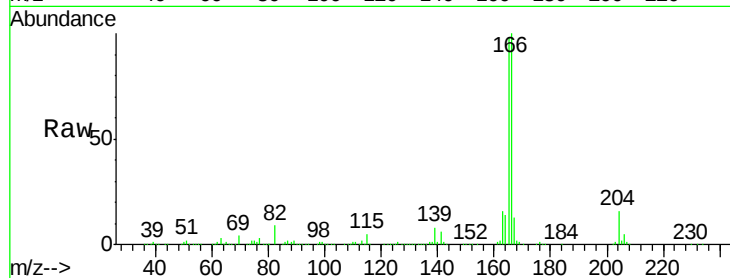
Tgt Ion:166 Resp: 1274915

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

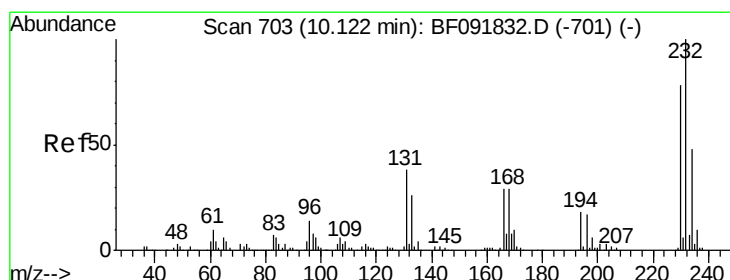
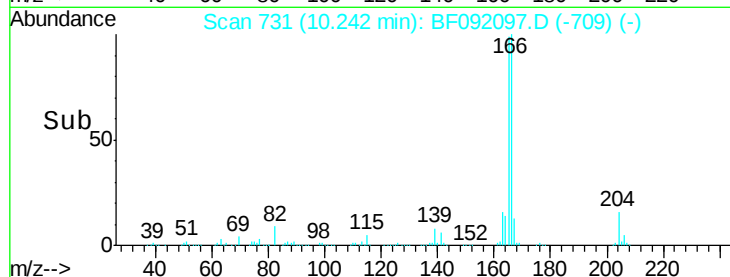
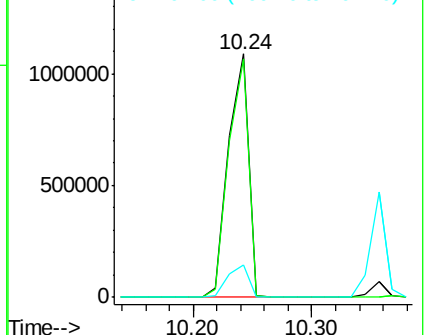
167 13.2 10.8 16.2



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: 40.67 ng

RT: 10.02 min Scan# 712

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Tgt Ion:232 Resp: 332867

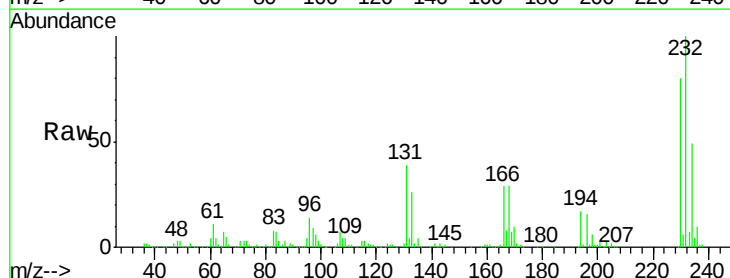
Ion Ratio Lower Upper

232 100

131 47.7 40.1 60.1

130 2.1 1.8 2.8

166 31.8 26.6 39.8

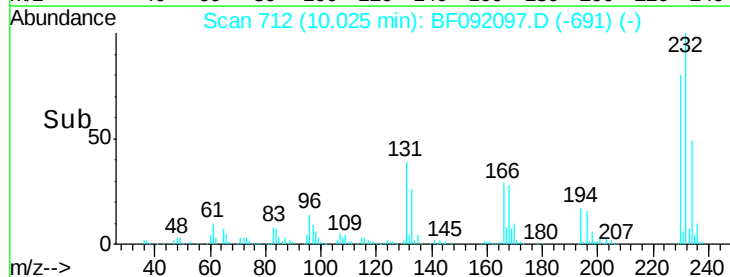
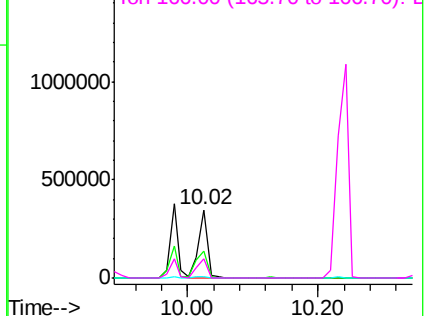


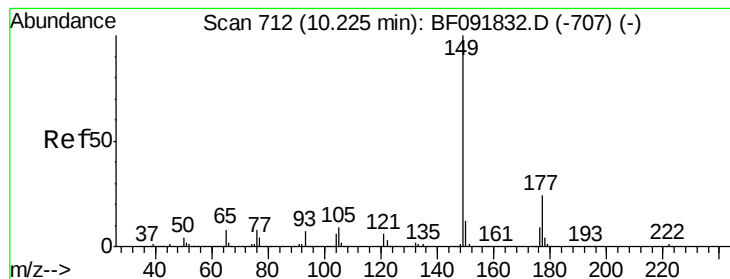
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.94 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

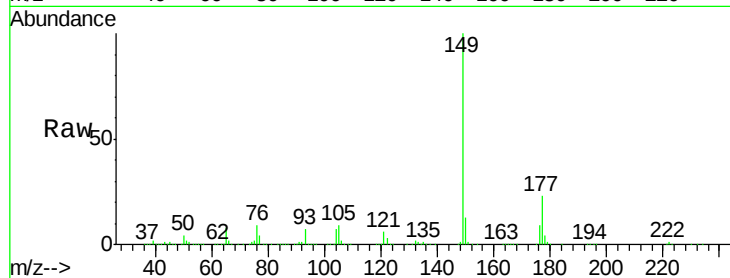
Tgt Ion:149 Resp: 1447283

Ion Ratio Lower Upper

149 100

177 23.1 16.6 25.0

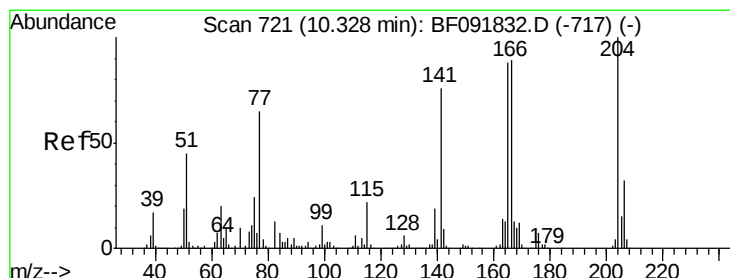
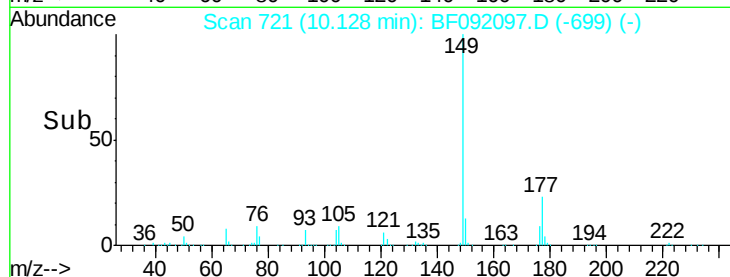
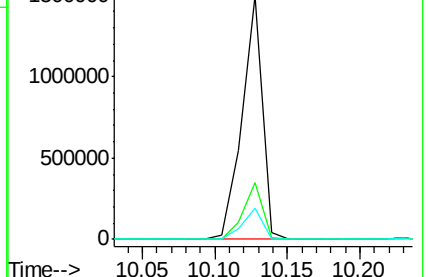
150 12.6 10.4 15.6



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: 36.16 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

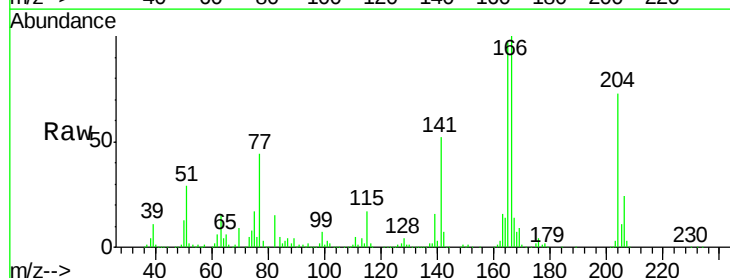
Tgt Ion:204 Resp: 500458

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

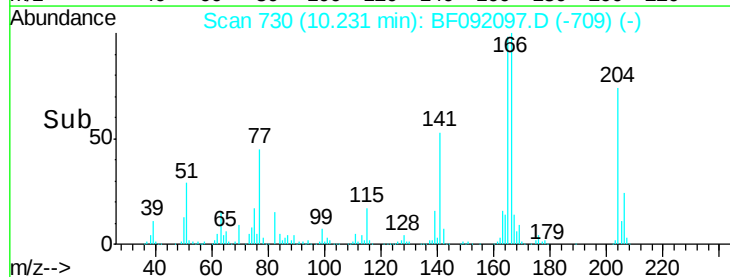
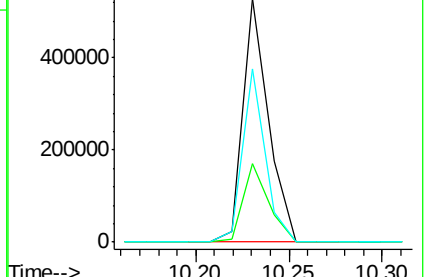
141 71.4 59.4 89.0

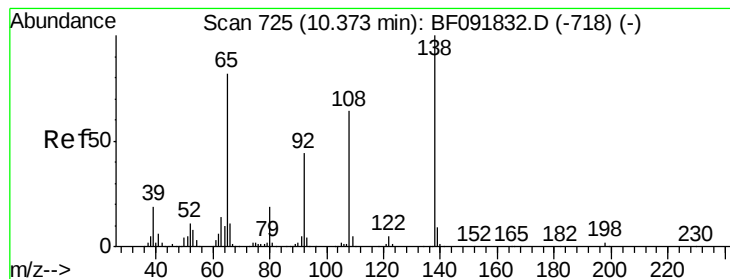


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.08 ng

RT: 10.28 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

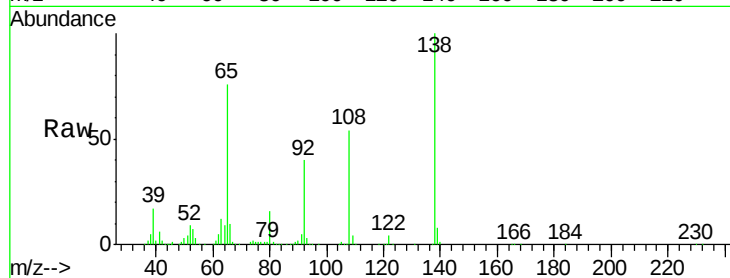
Tgt Ion:138 Resp: 440171

Ion Ratio Lower Upper

138 100

92 40.2 31.7 71.7

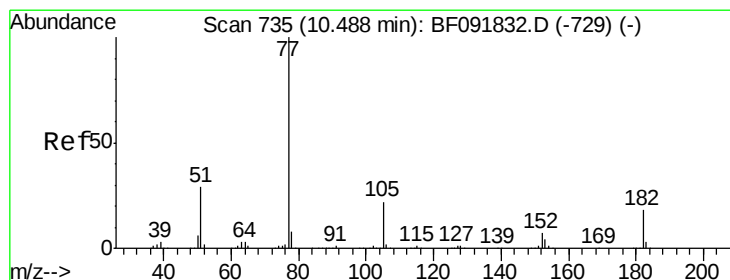
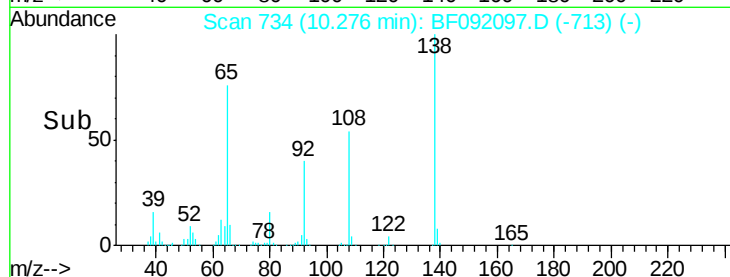
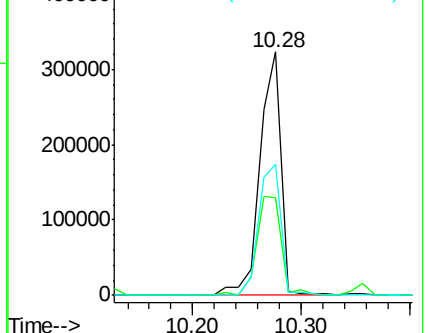
108 54.0 52.6 92.6



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: 39.53 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Tgt Ion: 77 Resp: 1538543

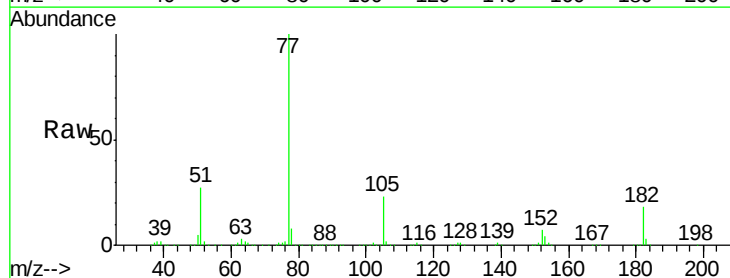
Ion Ratio Lower Upper

77 100

182 18.4 0.0 39.3

105 23.5 2.3 42.3

51 26.8 8.9 48.9

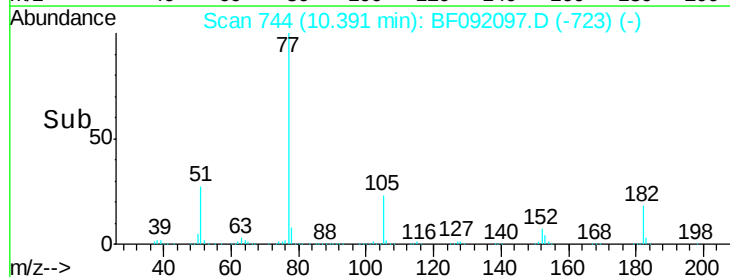
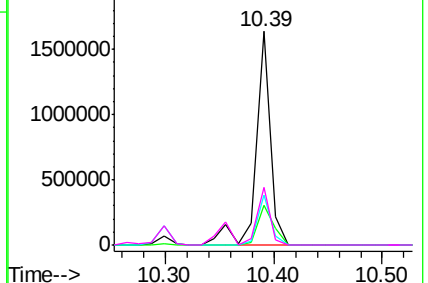


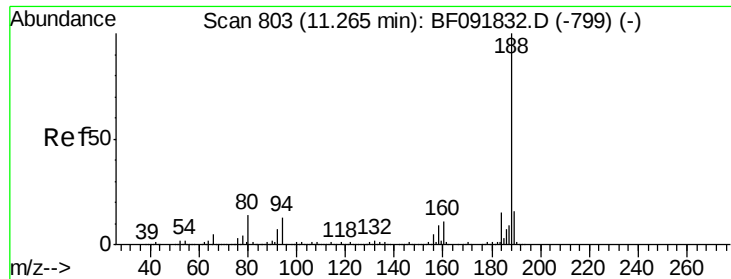
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

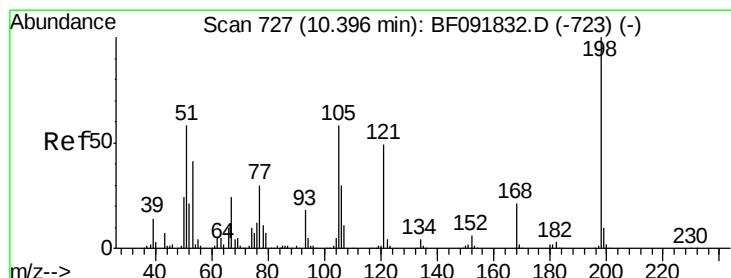
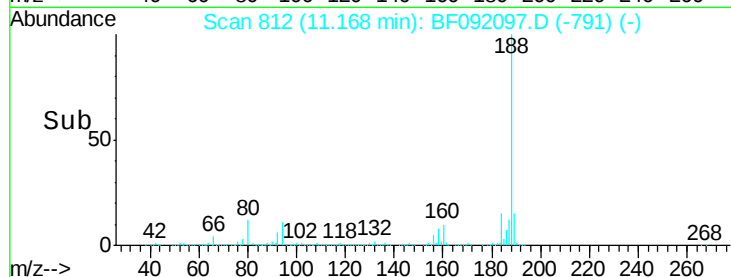
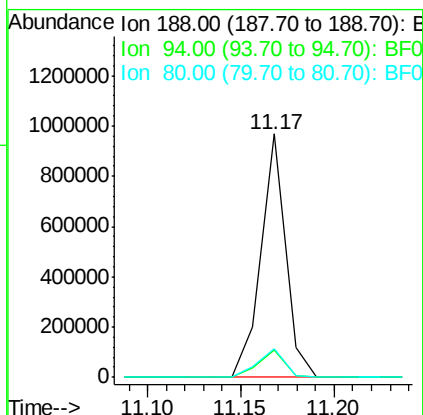
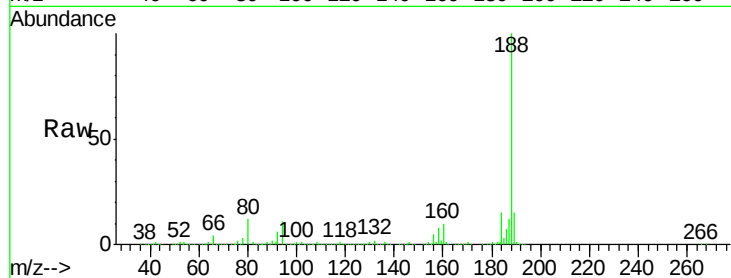




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

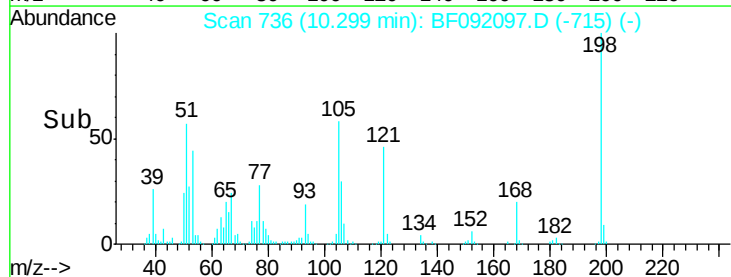
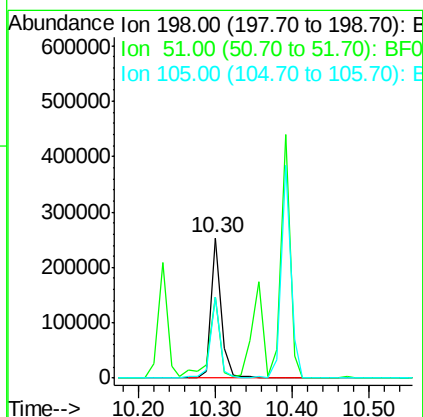
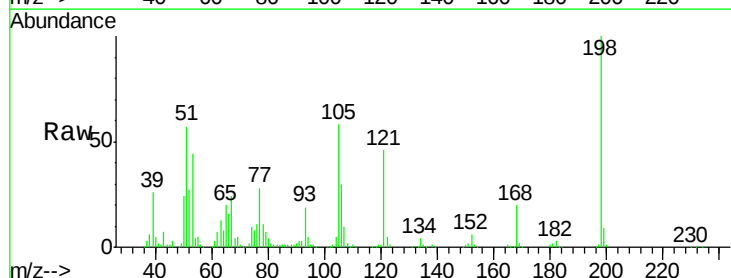
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

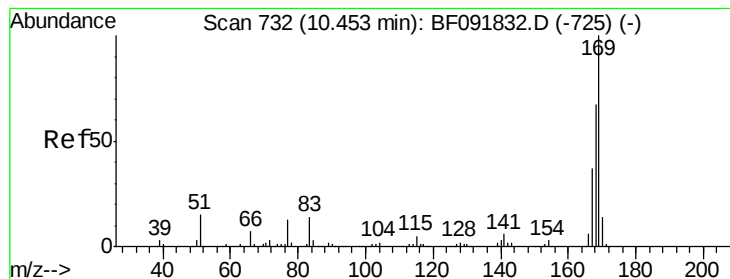
Tgt Ion:188 Resp: 886500
Ion Ratio Lower Upper
188 100
94 11.1 10.0 15.0
80 11.7 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 43.60 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:198 Resp: 233736
Ion Ratio Lower Upper
198 100
51 57.5 6.7 46.7#
105 58.0 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 41.64 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

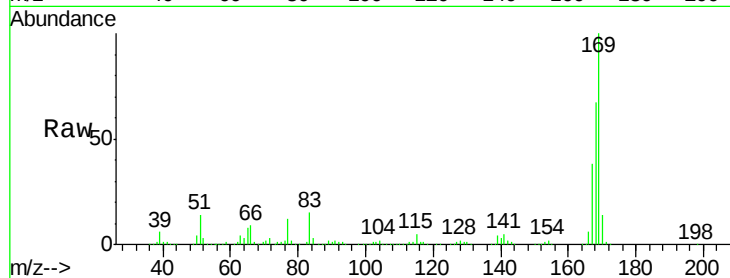
Tgt Ion:169 Resp: 1095290

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

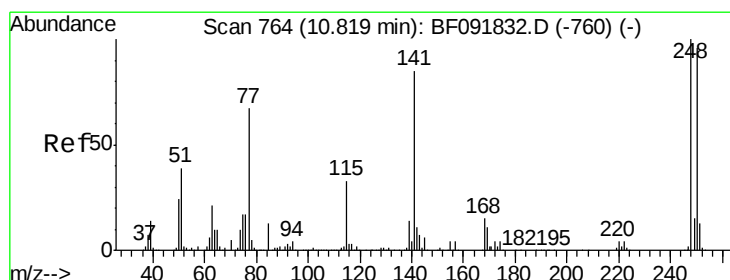
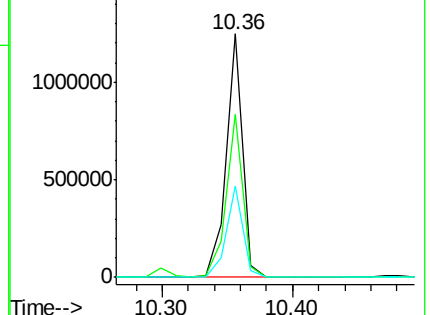
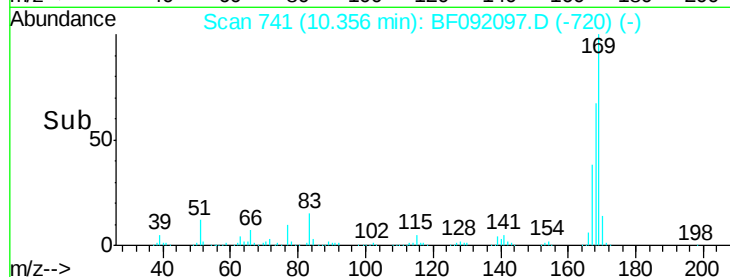
167 37.7 30.2 45.4



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: 41.68 ng

RT: 10.72 min Scan# 773

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

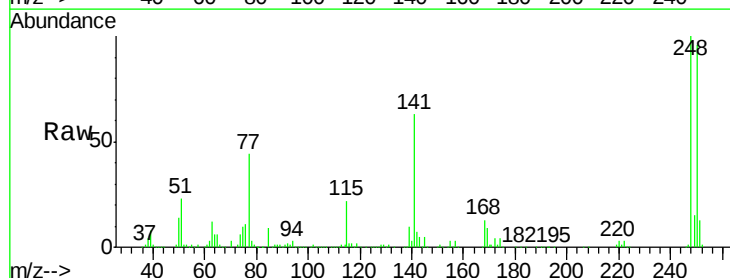
Tgt Ion:248 Resp: 384340

Ion Ratio Lower Upper

248 100

250 96.4 76.9 115.3

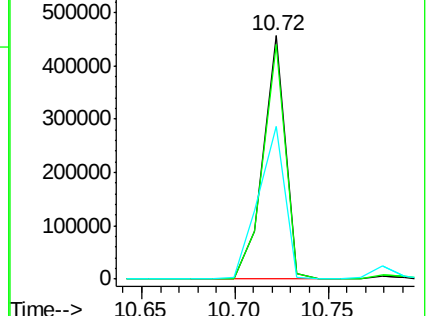
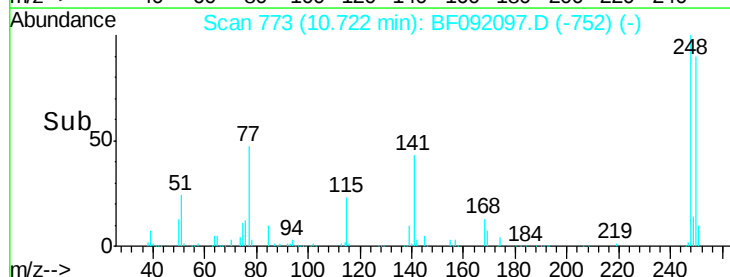
141 62.6 68.2 102.4#

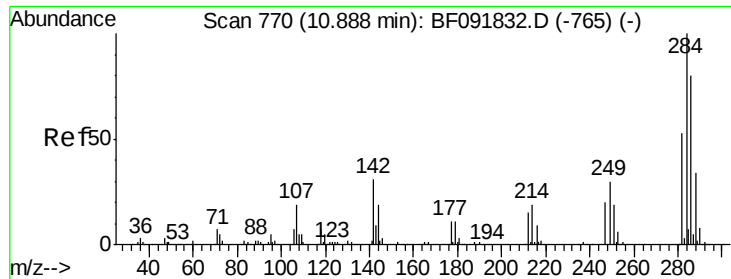


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

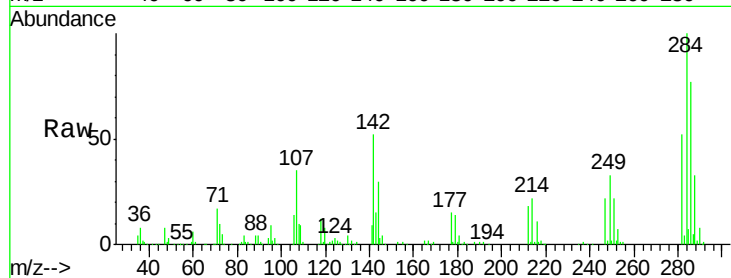




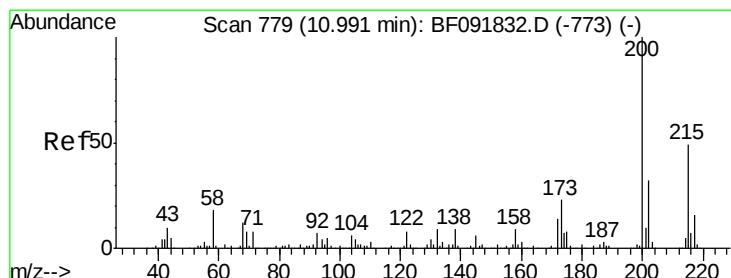
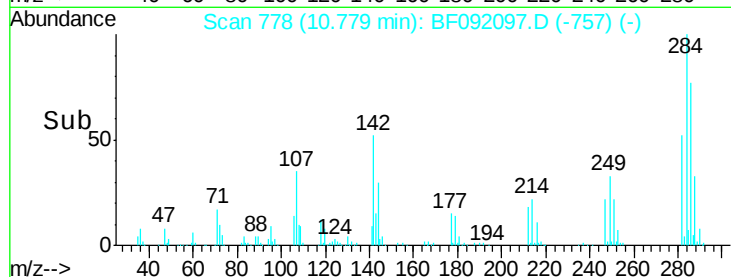
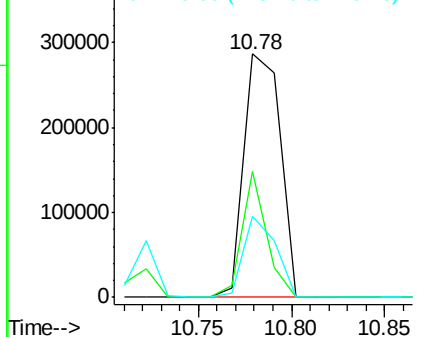
#67
Hexachlorobenzene
Concen: 39.19 ng
RT: 10.78 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 386309
Ion Ratio Lower Upper
284 100
142 51.8 22.6 33.8#
249 33.5 25.4 38.0

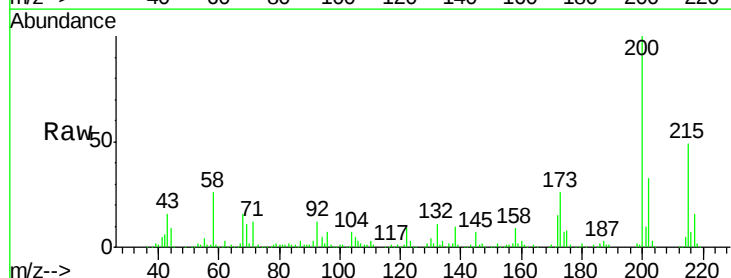


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

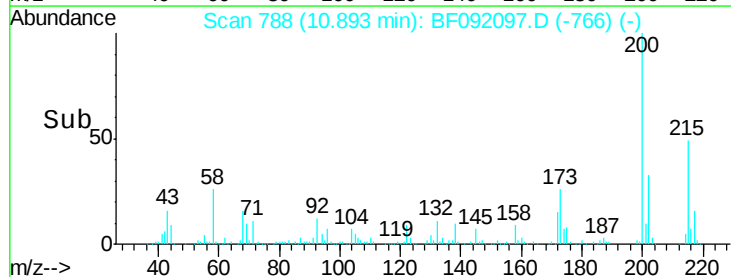
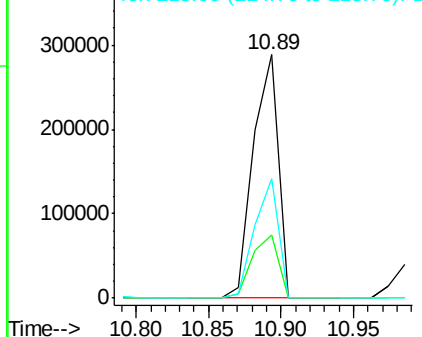


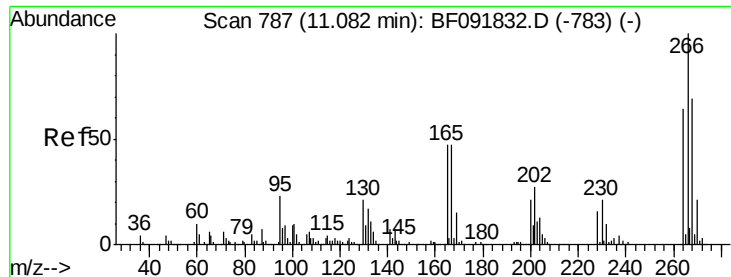
#68
Atrazine
Concen: 40.58 ng
RT: 10.89 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:200 Resp: 344344
Ion Ratio Lower Upper
200 100
173 25.8 9.6 49.6
215 49.2 25.7 65.7



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

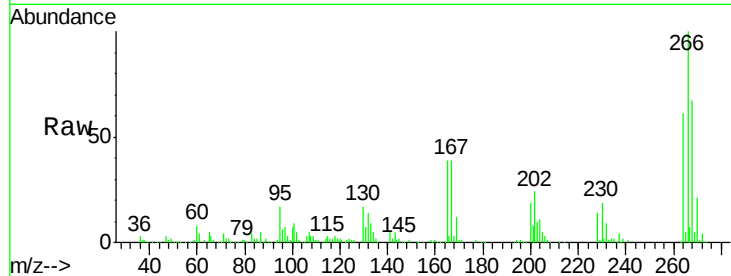




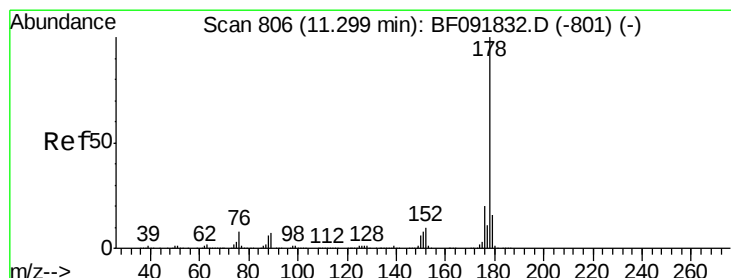
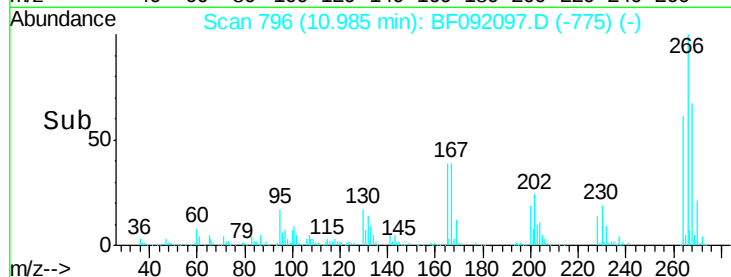
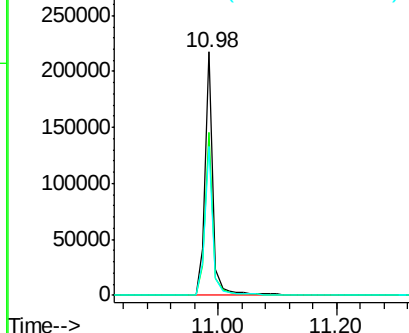
#69
 Pentachlorophenol
 Concen: 43.82 ng
 RT: 10.98 min Scan# 796
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 211915
 Ion Ratio Lower Upper
 266 100
 268 66.7 53.3 79.9
 264 61.3 50.3 75.5

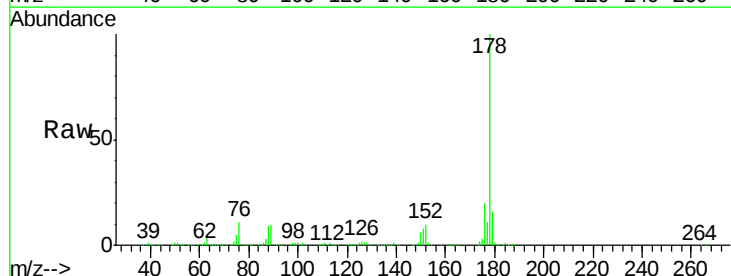


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

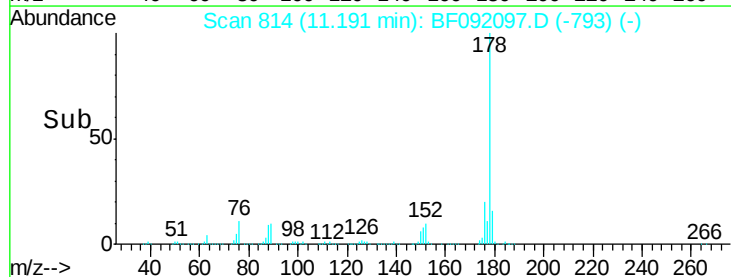
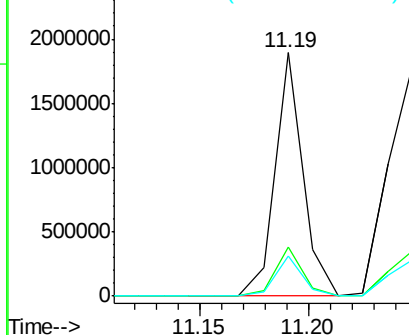


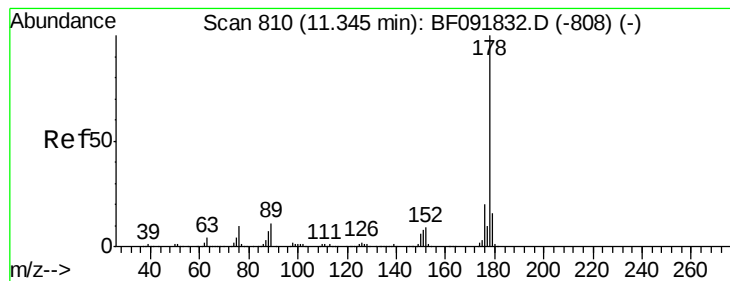
#70
 Phenanthrene
 Concen: 35.36 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion:178 Resp: 1699772
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 16.4 12.8 19.2



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: 47.36 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

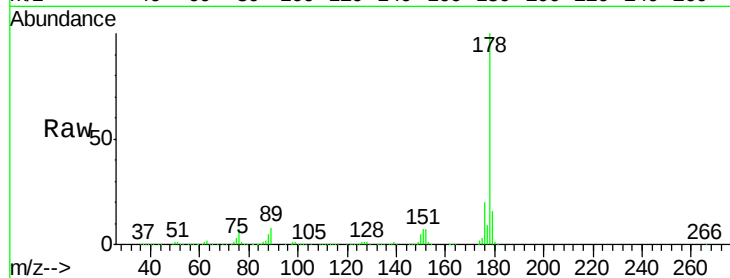
Tgt Ion:178 Resp: 1982340

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

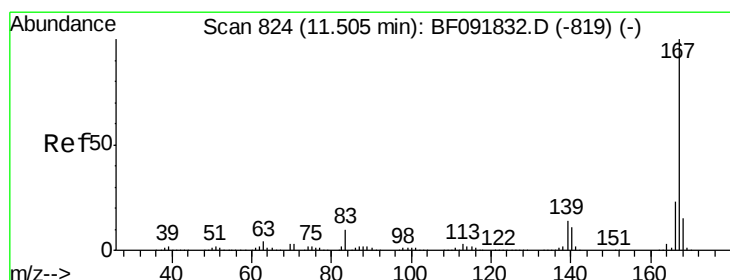
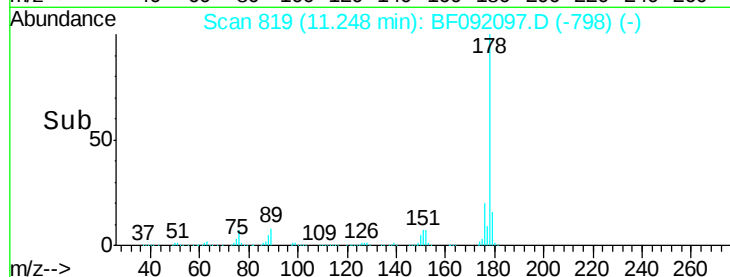
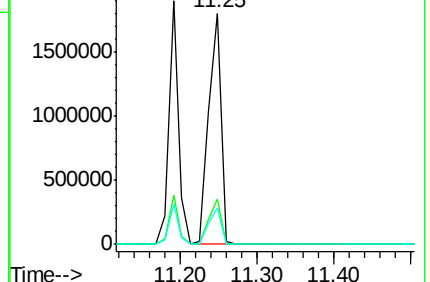
179 15.9 13.2 19.8



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: 49.59 ng

RT: 11.41 min Scan# 833

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

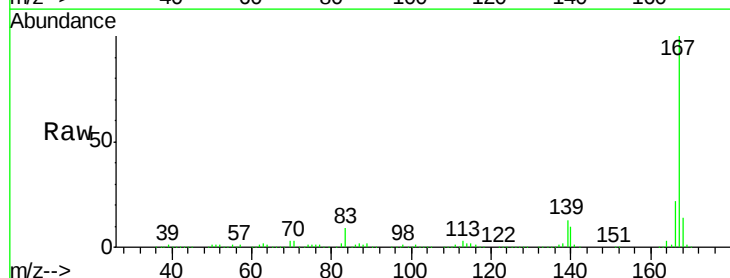
Tgt Ion:167 Resp: 1873770

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

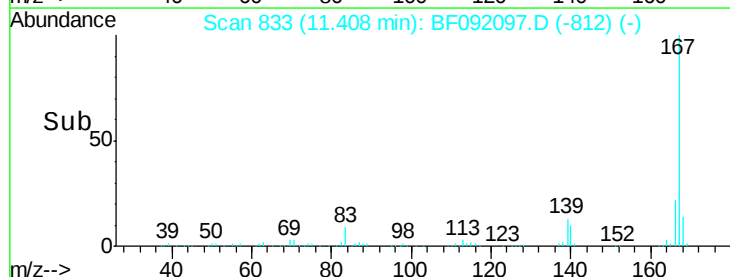
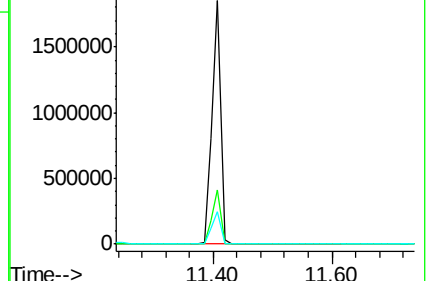
139 13.1 11.4 17.2

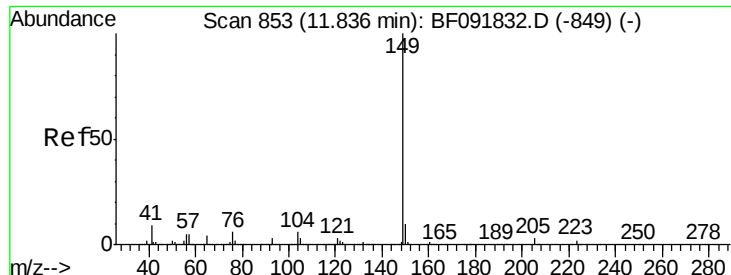


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.47 ng

RT: 11.74 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

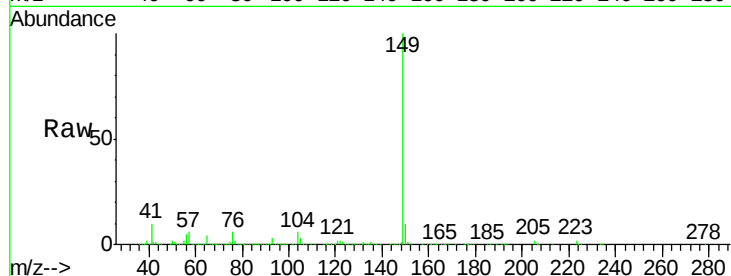
Tgt Ion:149 Resp: 2110384

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

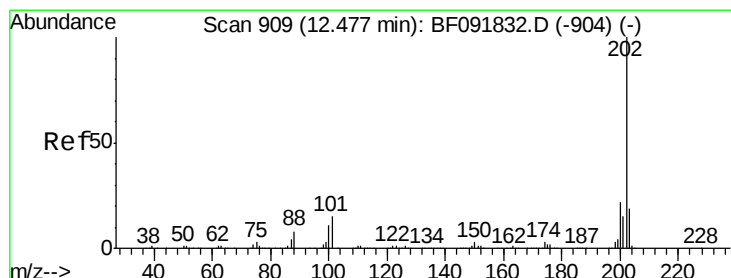
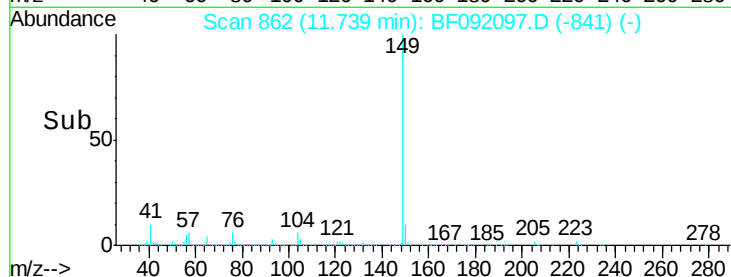
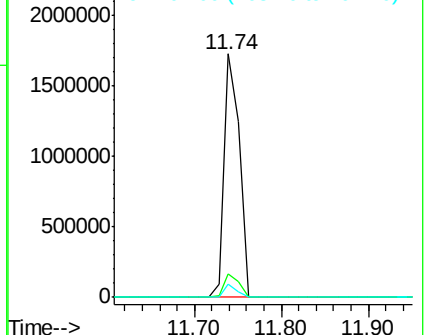
104 5.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.18 ng

RT: 12.38 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

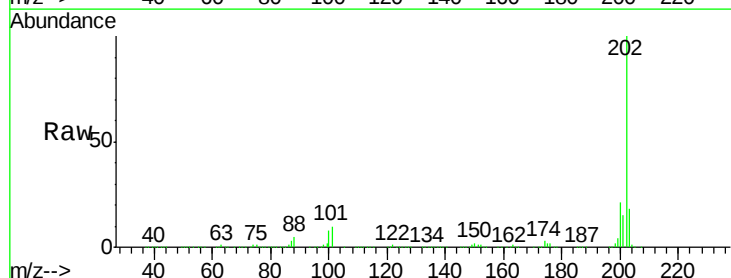
Tgt Ion:202 Resp: 2020620

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.6

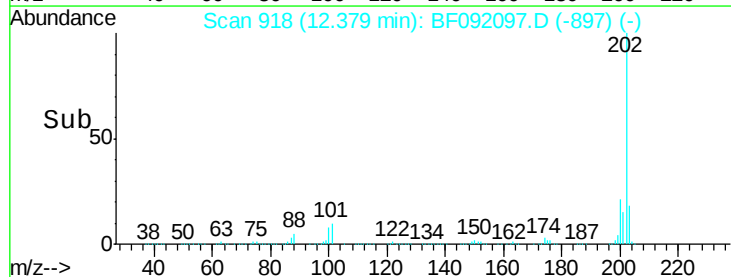
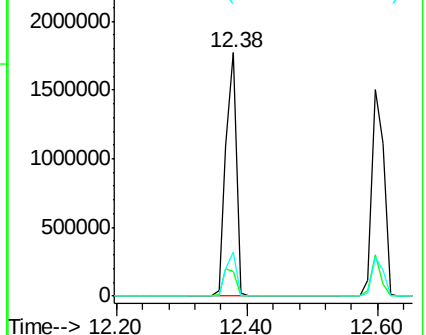
203 18.0 0.0 38.7

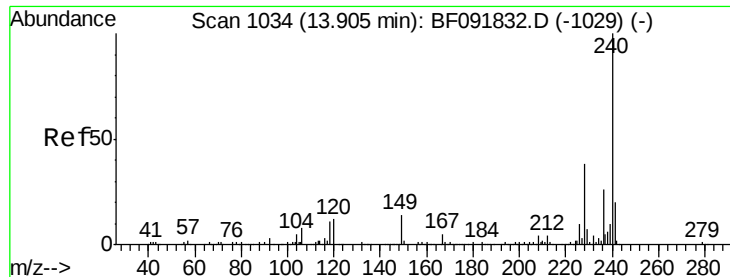


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.80 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

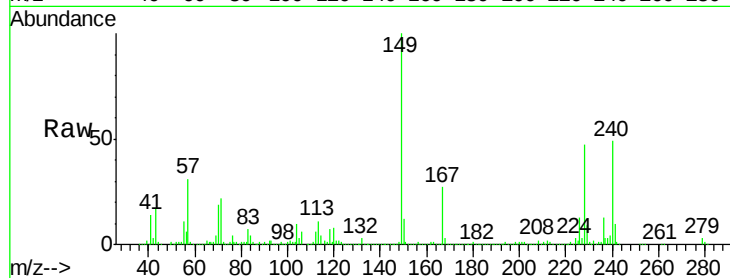
Tgt Ion:240 Resp: 558187

Ion Ratio Lower Upper

240 100

120 16.1 12.9 19.3

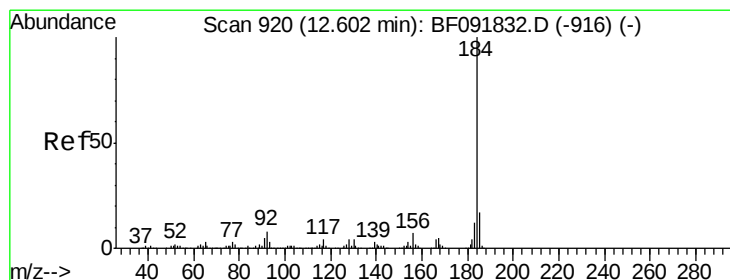
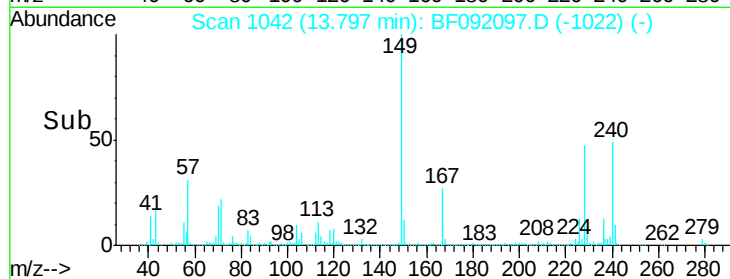
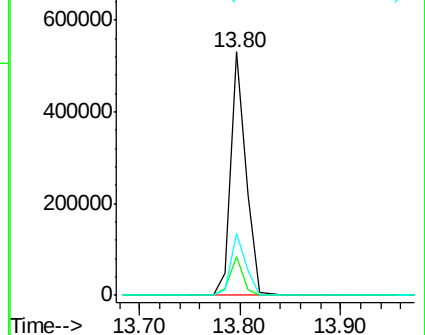
236 25.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.22 ng

RT: 12.51 min Scan# 929

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

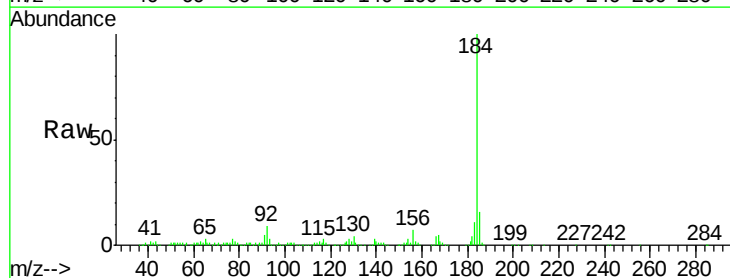
Tgt Ion:184 Resp: 715372

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.0

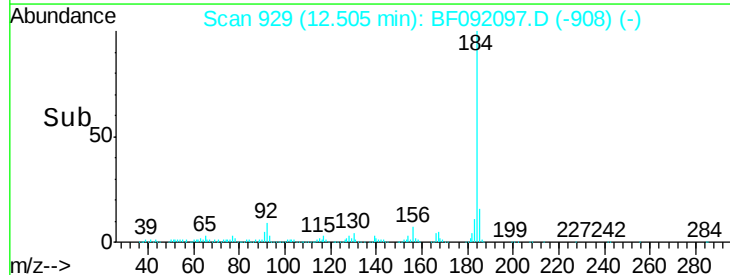
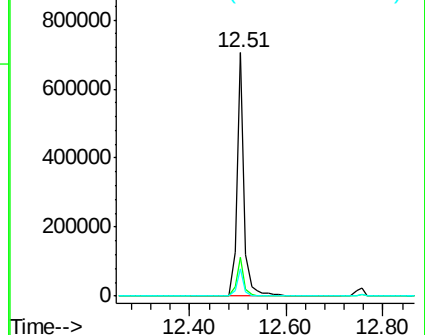
183 11.0 9.2 13.8

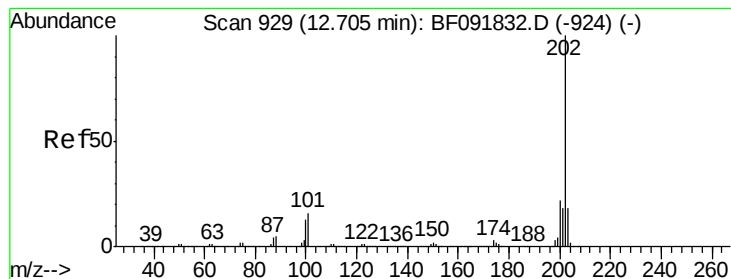


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.11 ng

RT: 12.60 min Scan# 937

Delta R.T. -0.07 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

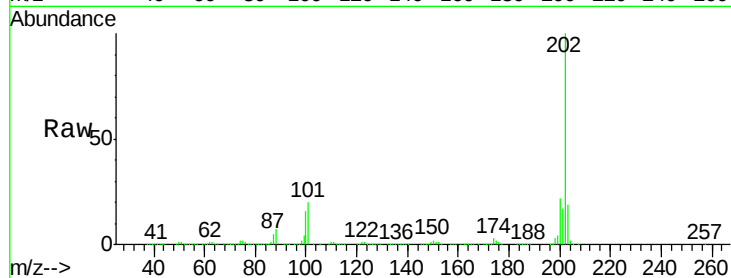
Tgt Ion:202 Resp: 1888246

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

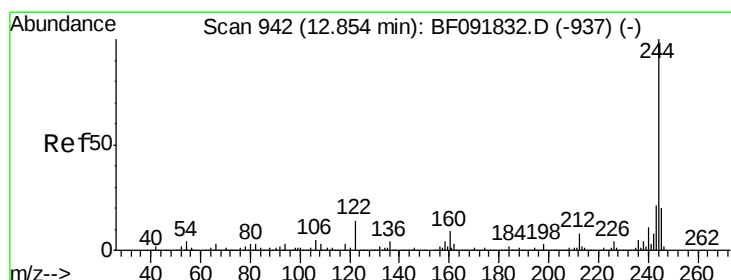
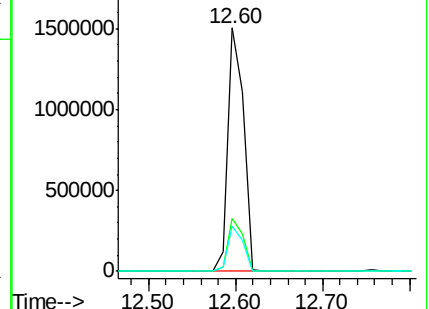
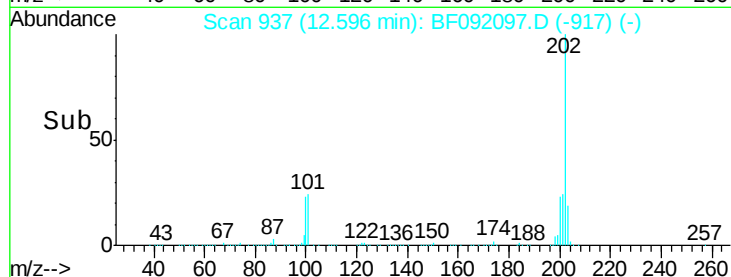
203 18.7 14.7 22.1



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: 91.89 ng

RT: 12.76 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

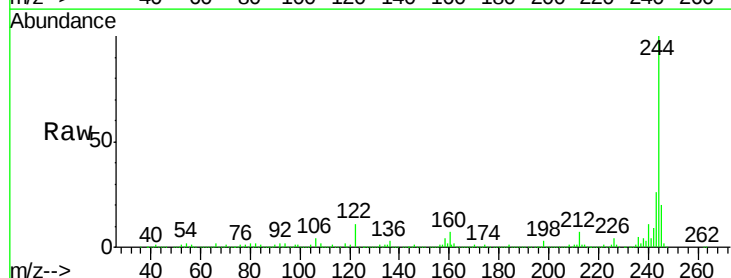
Tgt Ion:244 Resp: 2114828

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

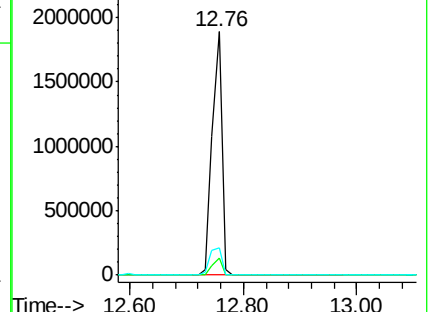
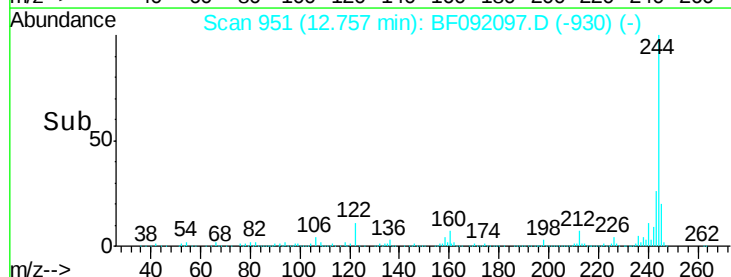
122 11.3 11.4 17.2

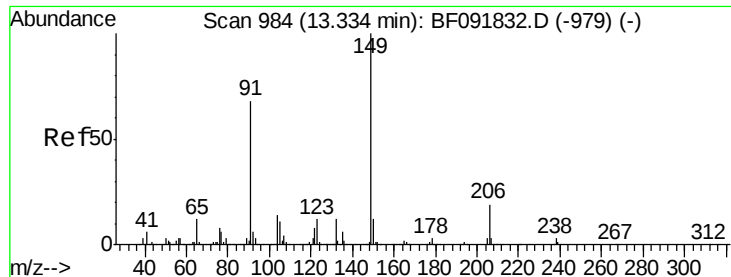


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

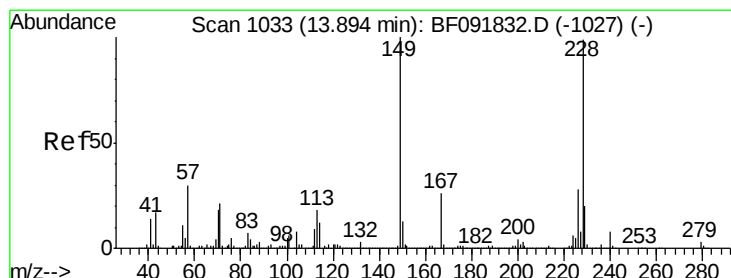
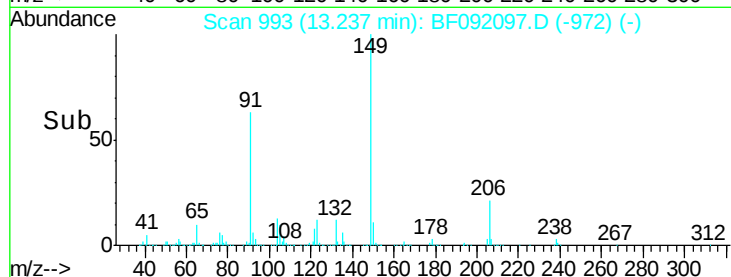
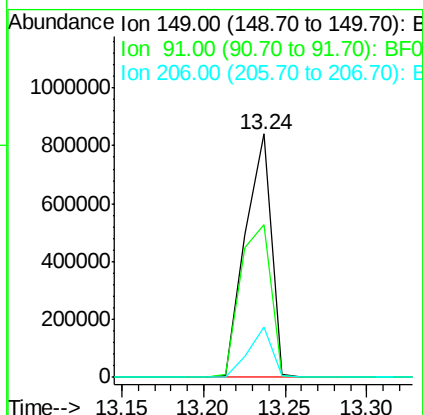
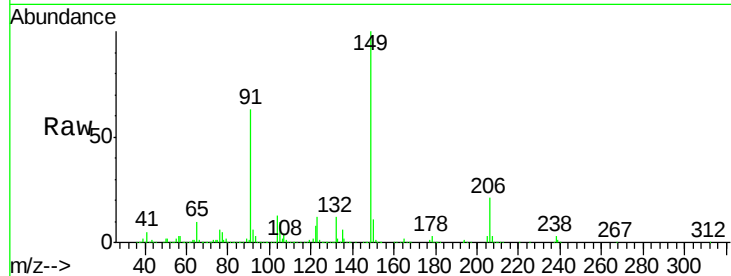




#79
Butylbenzylphthalate
Concen: 49.86 ng
RT: 13.24 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

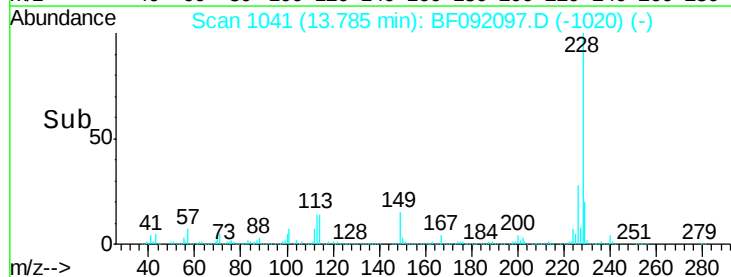
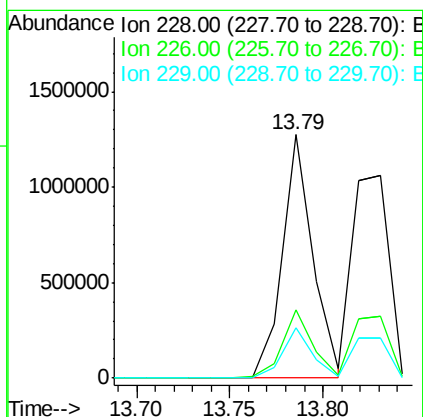
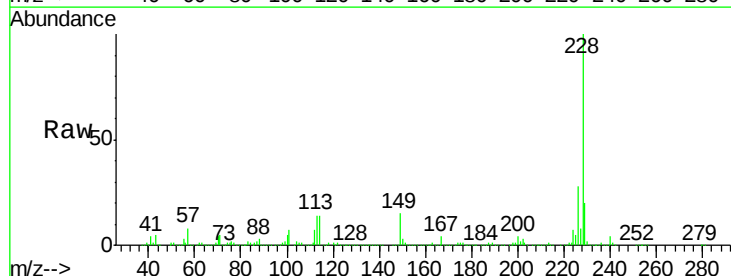
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 928625
Ion Ratio Lower Upper
149 100
91 63.0 63.9 95.9#
206 20.8 14.6 21.8



#80
Benzo(a)anthracene
Concen: 46.12 ng
RT: 13.79 min Scan# 1041
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:228 Resp: 1453030
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 20.5 16.2 24.4

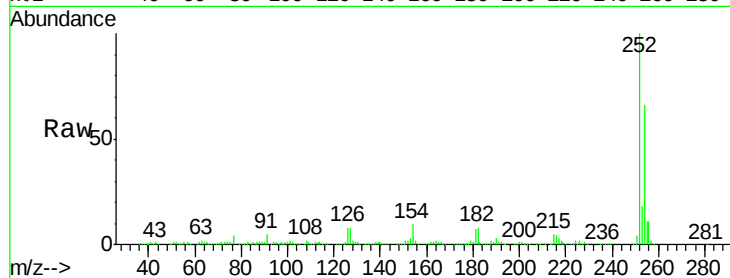




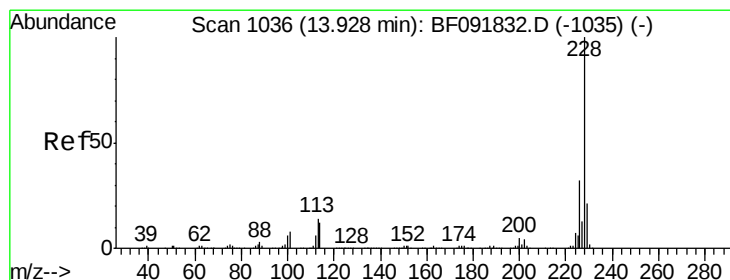
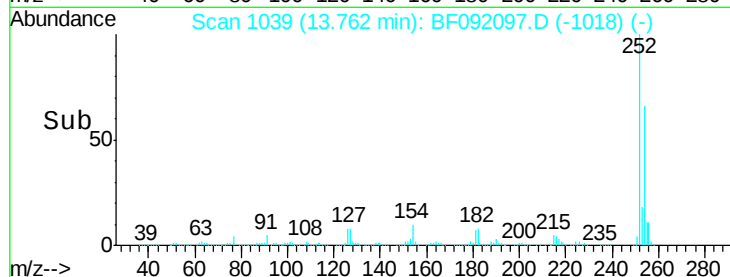
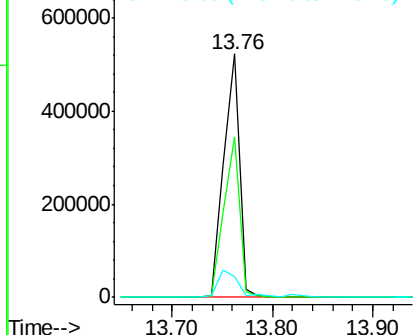
#81
 3,3'-Dichlorobenzidine
 Concen: 48.31 ng
 RT: 13.76 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 577182
 Ion Ratio Lower Upper
 252 100
 254 65.9 52.3 78.5
 126 8.5 13.6 20.4#

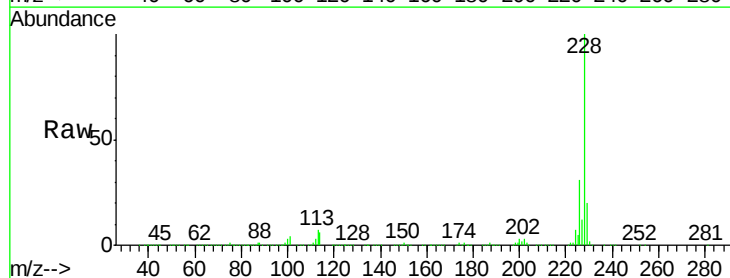


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

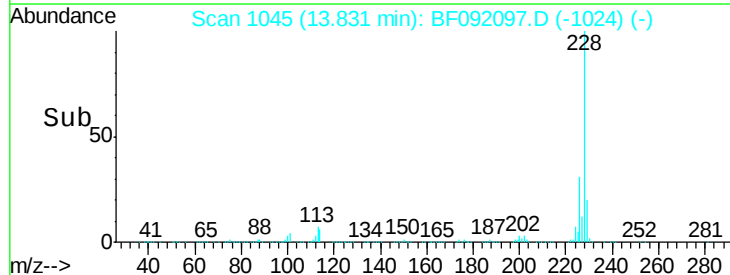
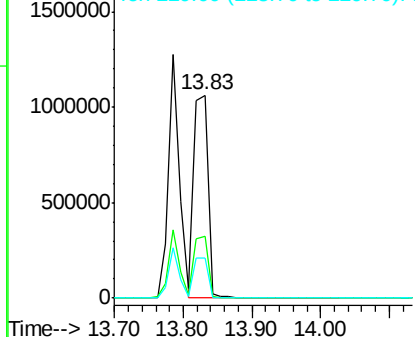


#82
 Chrysene
 Concen: 46.78 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion:228 Resp: 1478413
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.0
 229 19.8 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.54 ng

RT: 13.80 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

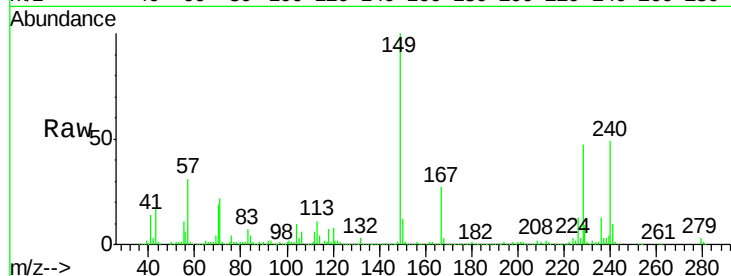
Tgt Ion:149 Resp: 999015

Ion Ratio Lower Upper

149 100

167 26.8 20.2 30.4

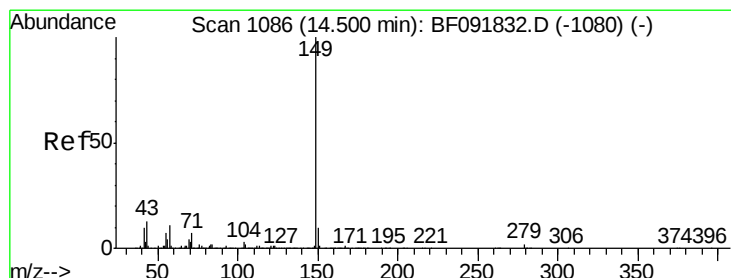
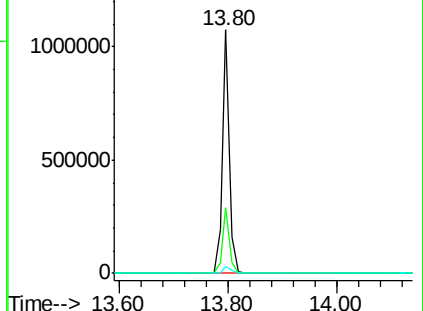
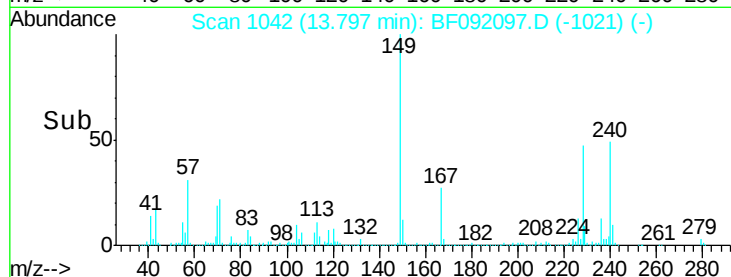
279 2.7 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.41 ng

RT: 14.40 min Scan# 1095

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

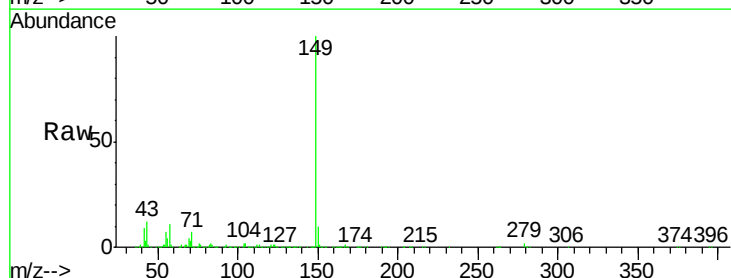
Tgt Ion:149 Resp: 1764105

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

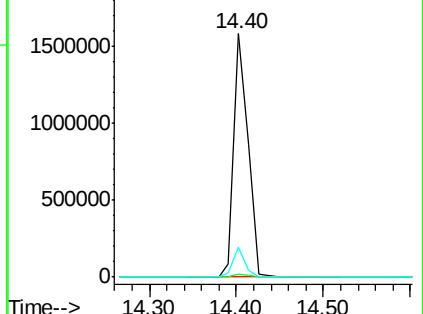
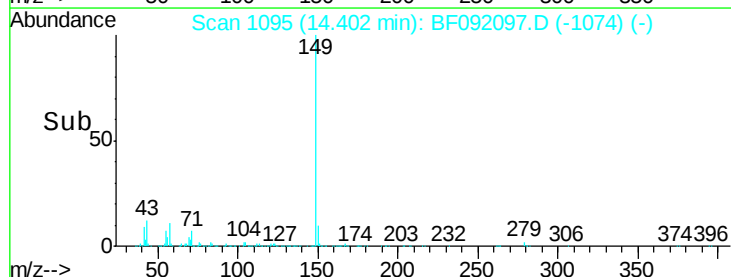
43 10.7 8.9 13.3

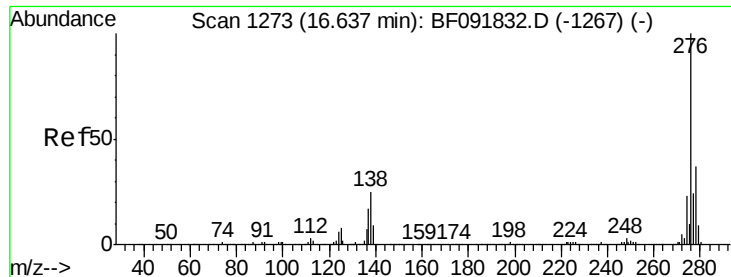


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



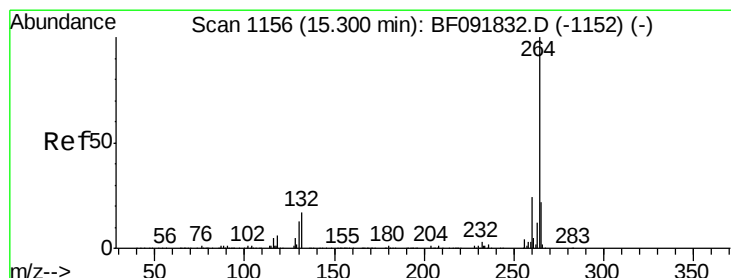
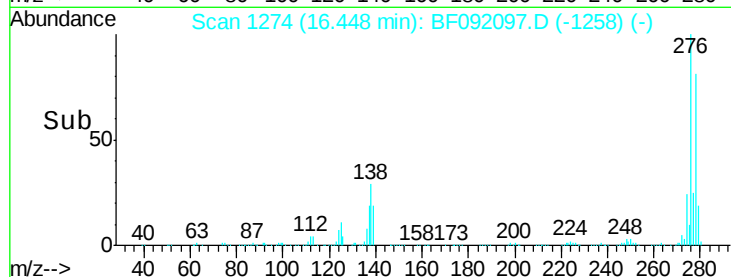
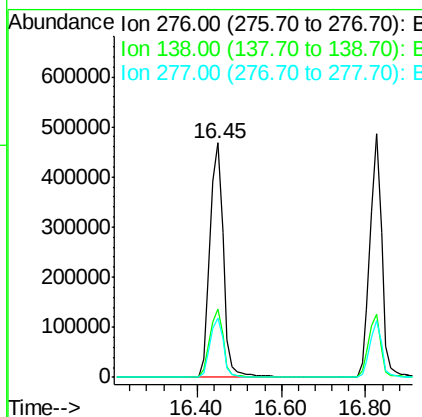
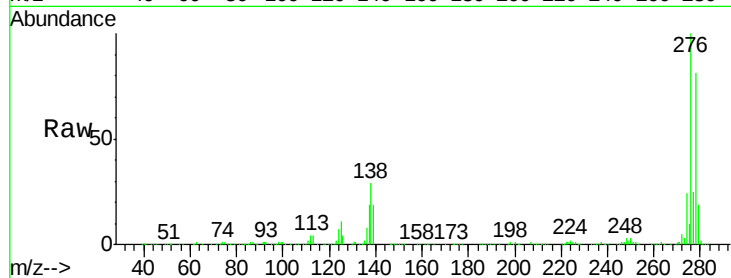


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.13 ng
 RT: 16.45 min Scan# 1274
 Delta R.T. -0.12 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 1043880

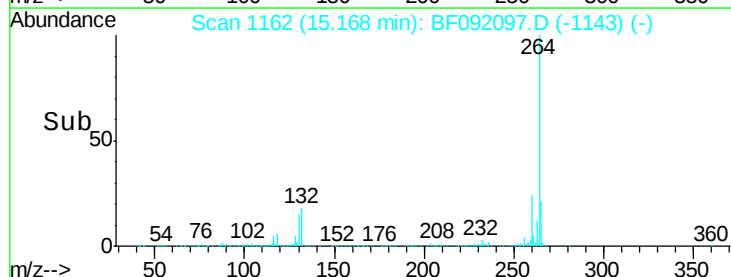
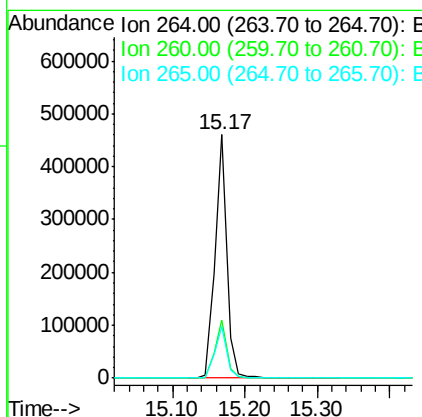
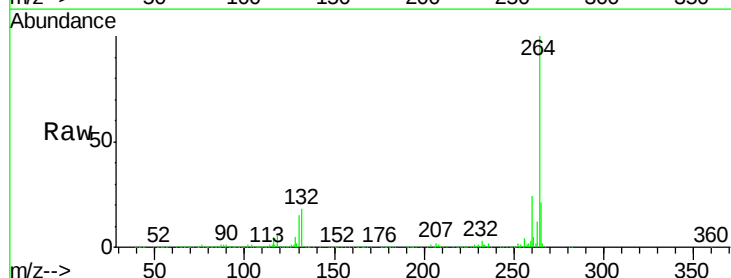
Ion	Ratio	Lower	Upper
276	100		
138	29.7	21.8	32.6
277	25.2	20.2	30.4

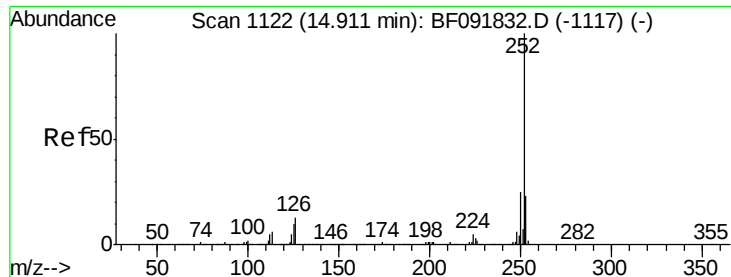


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1162
 Delta R.T. -0.09 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion: 264 Resp: 521797

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 75.78 ng

RT: 14.79 min Scan# 1129

Delta R.T. -0.07 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

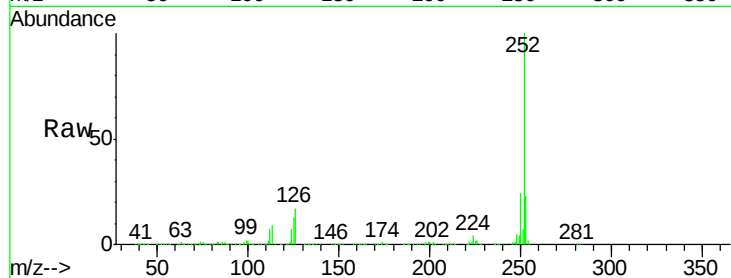
Tgt Ion:252 Resp: 2461820

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

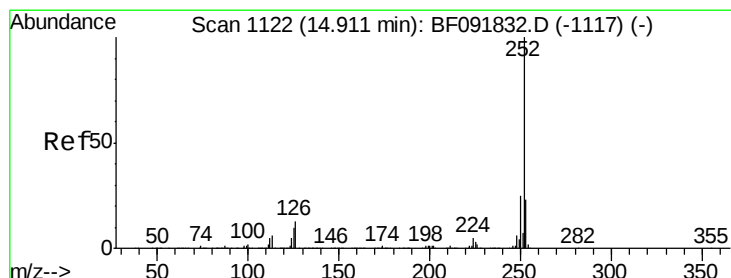
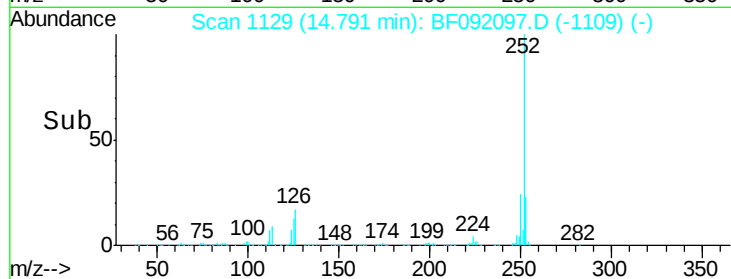
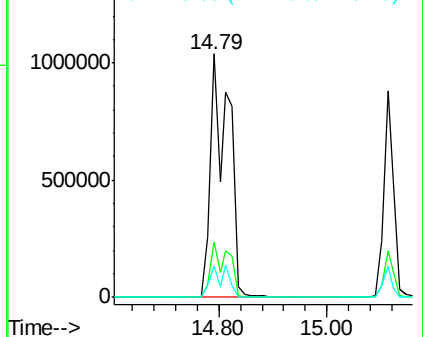
125 12.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 88.87 ng

RT: 14.79 min Scan# 1129

Delta R.T. -0.10 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

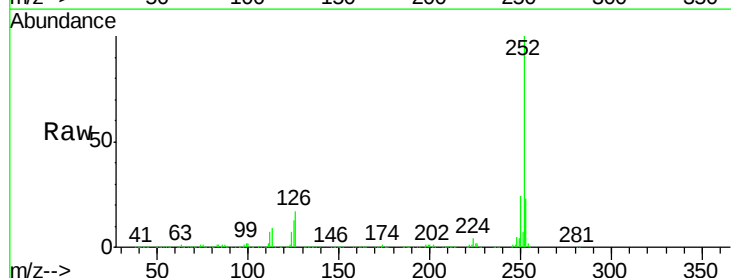
Tgt Ion:252 Resp: 2461820

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

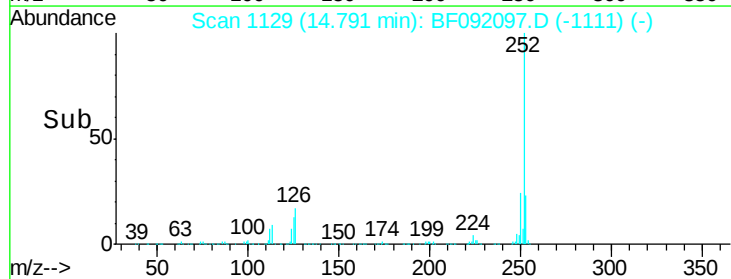
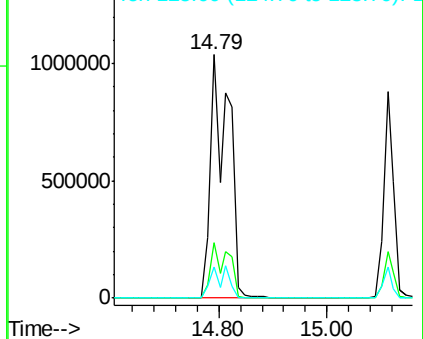
125 12.9 8.9 13.3

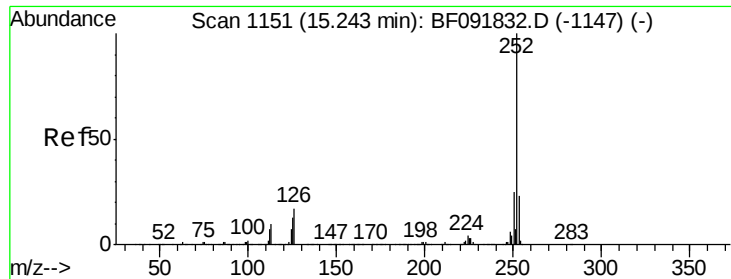


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

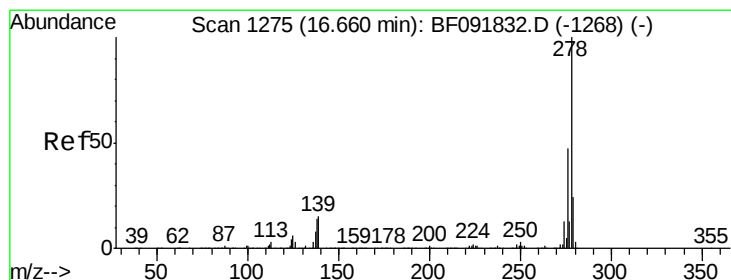
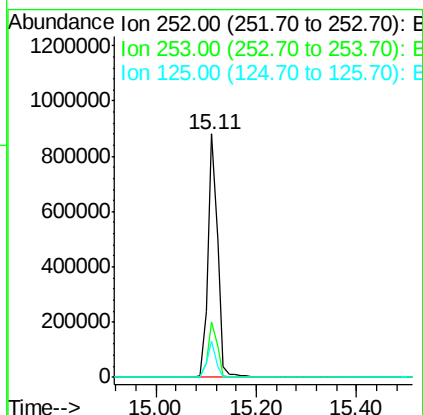
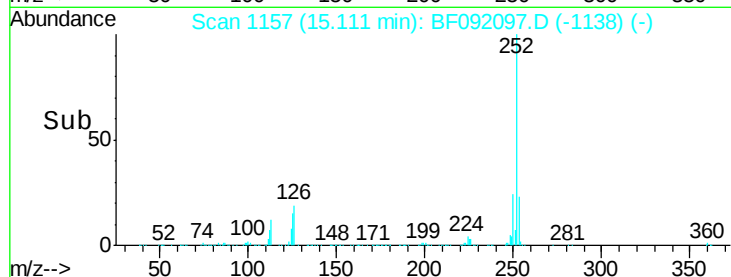
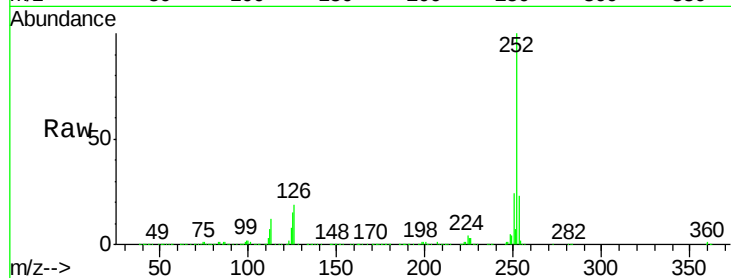




#89
Benzo(a)pyrene
Concen: 40.48 ng
RT: 15.11 min Scan# 1157
Delta R.T. -0.09 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

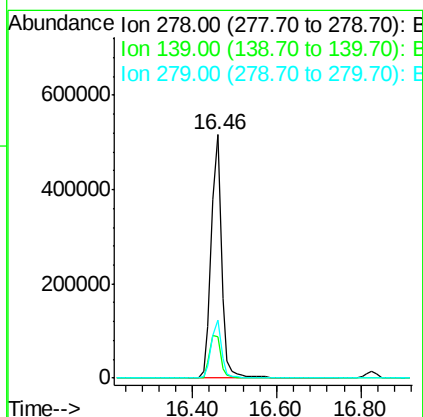
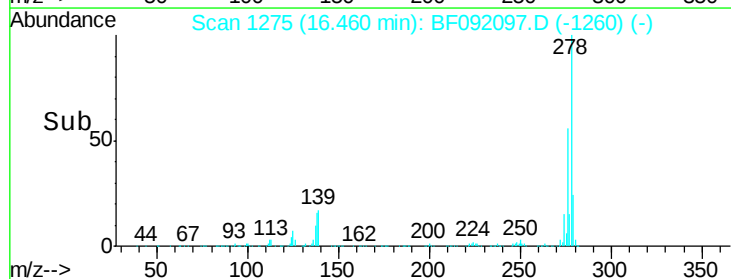
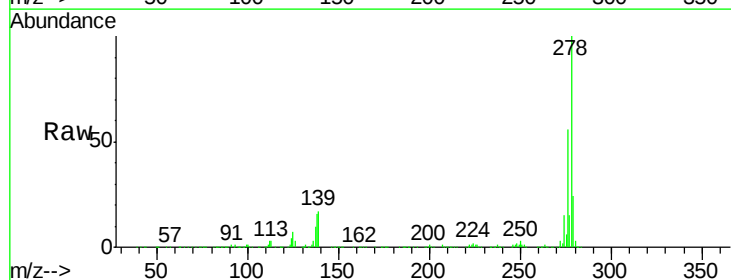
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

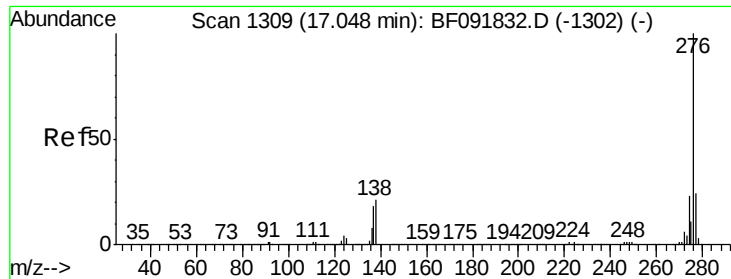
Tgt Ion:252 Resp: 1167059
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 15.0 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 37.26 ng
RT: 16.46 min Scan# 1275
Delta R.T. -0.13 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:278 Resp: 883161
Ion Ratio Lower Upper
278 100
139 16.9 14.8 22.2
279 24.1 19.8 29.6





#91
Benzo(g,h,i)perylene
Concen: 38.89 ng
RT: 16.83 min Scan# 1307
Delta R.T. -0.14 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 276 Resp: 958434
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 25.8 16.0 24.0#

