

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092073.D
 Acq On : 4 Jan 2017 17:27
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 05 00:02:59 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	6.66	152	244985	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	1010564	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	520400	20.00	ng	-0.05
63) Phenanthrene-d10	11.18	188	739420	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	521529	20.00	ng	-0.06
86) Perylene-d12	15.18	264	487139	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	871037	59.37	ng	-0.06
7) Phenol-d6	6.33	99	1425665	79.59	ng	-0.05
23) Nitrobenzene-d5	7.24	82	1285394	70.73	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	323521	75.12	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	1971034	76.28	ng	-0.05
78) Terphenyl-d14	12.77	244	1905815	88.63	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	247514	34.27	ng	99
3) Pyridine	2.78	79	661778	26.25	ng	97
4) n-Nitrosodimethylamine	2.73	42	259544	27.29	ng	96
6) Aniline	6.33	93	883039	37.95	ng	# 61
8) 2-Chlorophenol	6.46	128	669805	40.13	ng	88
9) Benzaldehyde	6.21	77	413894	40.77	ng	99
10) Phenol	6.34	94	928489	45.49	ng	# 68
11) bis(2-Chloroethyl)ether	6.41	93	666660	41.05	ng	93
12) 1,3-Dichlorobenzene	6.61	146	683383	38.36	ng	100
13) 1,4-Dichlorobenzene	6.68	146	673347	37.13	ng	99
14) 1,2-Dichlorobenzene	6.84	146	654738	41.61	ng	99
15) Benzyl Alcohol	6.82	79	540420	38.83	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	979091	40.48	ng	# 14
17) 2-Methylphenol	6.95	107	544734	40.58	ng	93
18) Hexachloroethane	7.18	117	262519	39.05	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	502196	42.14	ng	# 88
20) 3+4-Methylphenols	7.11	107	717086	44.79	ng	# 71
22) Acetophenone	7.09	105	991605	39.78	ng	# 92
24) Nitrobenzene	7.26	77	823461	42.54	ng	91
25) Isophorone	7.50	82	1271738	37.93	ng	96
26) 2-Nitrophenol	7.58	139	356631	37.36	ng	# 75
27) 2,4-Dimethylphenol	7.62	122	520439	32.87	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	798456	39.27	ng	99
29) 2,4-Dichlorophenol	7.82	162	498929	37.22	ng	87
30) 1,2,4-Trichlorobenzene	7.90	180	569115	38.74	ng	98
31) Naphthalene	7.98	128	1850168	40.00	ng	99
32) Benzoic acid	7.78	122	515333	43.89	ng	88
33) 4-Chloroaniline	8.04	127	832538	39.92	ng	94
34) Hexachlorobutadiene	8.09	225	286630	36.96	ng	100
35) Caprolactam	8.41	113	160006	36.32	ng	# 62
36) 4-Chloro-3-methylphenol	8.53	107	529692	34.34	ng	98
37) 2-Methylnaphthalene	8.66	142	1177662	40.56	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	525429	39.96	ng	99
40) Hexachlorocyclopentadiene	8.82	237	192617	35.24	ng	100

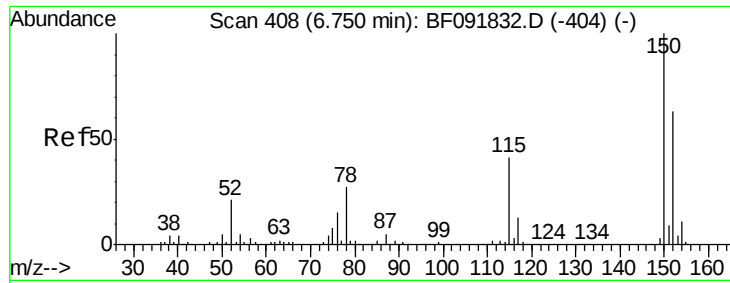
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	350655	38.14	ng	97
43) 2,4,5-Trichlorophenol	9.00	196	371220	39.23	ng	93
45) 1,1'-Biphenyl	9.13	154	1552255	43.56	ng	100
46) 2-Chloronaphthalene	9.16	162	1147810	40.68	ng	96
47) 2-Nitroaniline	9.26	65	442905	44.08	ng	# 84
48) Acenaphthylene	9.57	152	1772299	40.84	ng	98
49) Dimethylphthalate	9.44	163	1323882	39.78	ng	99
50) 2,6-Dinitrotoluene	9.50	165	271740	37.30	ng	# 74
51) Acenaphthene	9.74	154	1153112	39.19	ng	99
52) 3-Nitroaniline	9.67	138	378355	41.97	ng	93
53) 2,4-Dinitrophenol	9.77	184	152906	37.72	ng	# 59
54) Dibenzofuran	9.91	168	1515697	38.15	ng	93
55) 4-Nitrophenol	9.85	139	262491	42.88	ng	88
56) 2,4-Dinitrotoluene	9.90	165	317227	34.69	ng	# 76
57) Fluorene	10.25	166	1134172	39.23	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	302040	40.36	ng	95
59) Diethylphthalate	10.14	149	1307141	40.44	ng	95
60) 4-Chlorophenyl-phenylether	10.24	204	474668	37.50	ng	97
61) 4-Nitroaniline	10.28	138	379779	40.65	ng	97
62) Azobenzene	10.40	77	1269922	35.68	ng	97
64) 4,6-Dinitro-2-methylphenol	10.31	198	215950	48.30	ng	# 65
65) n-Nitrosodiphenylamine	10.37	169	937286	42.72	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	325066	42.26	ng	# 84
67) Hexachlorobenzene	10.79	284	297003	36.13	ng	# 78
68) Atrazine	10.89	200	215384	30.43	ng	97
69) Pentachlorophenol	11.00	266	170697	42.31	ng	100
70) Phenanthrene	11.20	178	1453954	36.26	ng	99
71) Anthracene	11.26	178	1603429	45.15	ng	98
72) Carbazole	11.42	167	1539141	48.08	ng	98
73) Di-n-butylphthalate	11.75	149	1642638	43.06	ng	99
74) Fluoranthene	12.38	202	1564068	44.41	ng	99
76) Benzidine	12.52	184	609148	46.16	ng	97
77) Pyrene	12.61	202	1470059	38.42	ng	99
79) Butylbenzylphthalate	13.24	149	713566	41.00	ng	93
80) Benzo(a)anthracene	13.80	228	1276704	43.37	ng	100
81) 3,3'-Dichlorobenzidine	13.77	252	507948	45.50	ng	# 94
82) Chrysene	13.83	228	1171473	39.67	ng	99
83) Bis(2-ethylhexyl)phthalate	13.81	149	923926	45.08	ng	# 96
84) Di-n-octyl phthalate	14.41	149	1585744	41.77	ng	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	984226	38.47	ng	100
87) Benzo(b)fluoranthene	14.80	252	2202013	72.60	ng	98
88) Benzo(k)fluoranthene	14.80	252	2203133	85.19	ng	98
89) Benzo(a)pyrene	15.12	252	1026114	38.12	ng	99
90) Dibenzo(a,h)anthracene	16.47	278	829274	37.48	ng	99
91) Benzo(g,h,i)perylene	16.85	276	857814	37.29	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

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SSTDCCC040

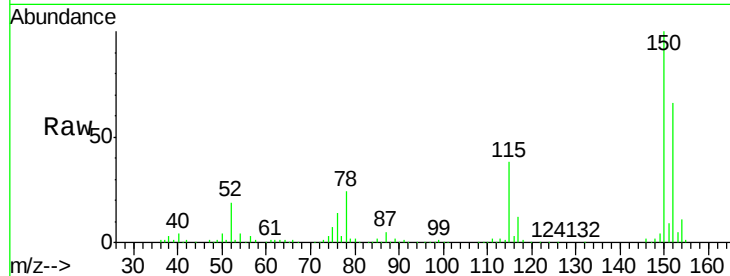
Tgt Ion:152 Resp: 244985

Ion Ratio Lower Upper

152 100

150 152.1 124.9 187.3

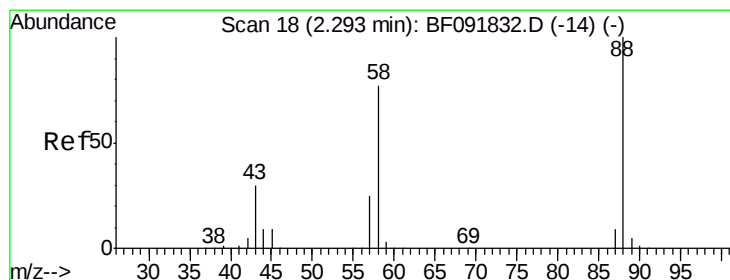
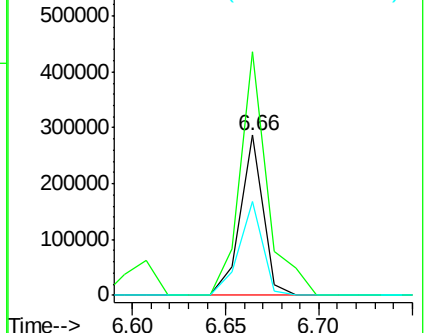
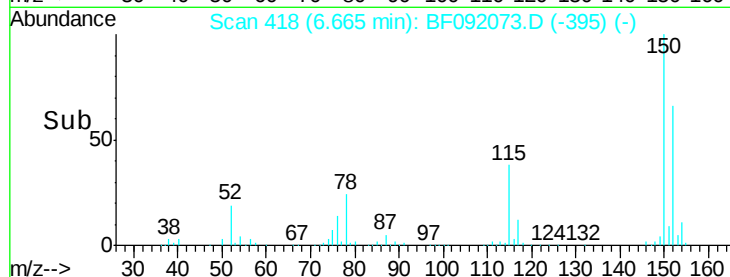
115 58.4 46.0 69.0



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: 34.27 ng

RT: 2.12 min Scan# 20

Delta R.T. -0.07 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

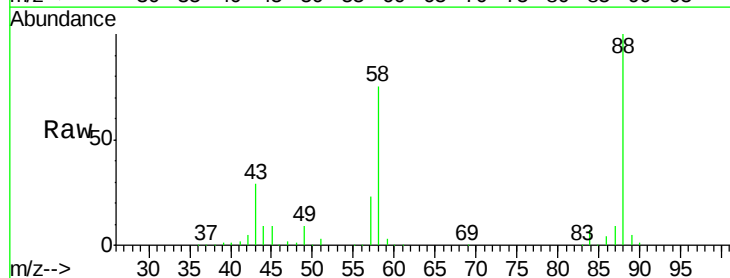
Tgt Ion: 88 Resp: 247514

Ion Ratio Lower Upper

88 100

58 73.6 57.8 86.8

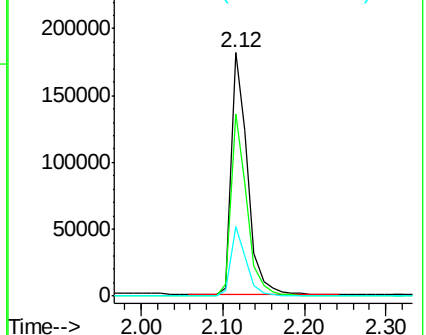
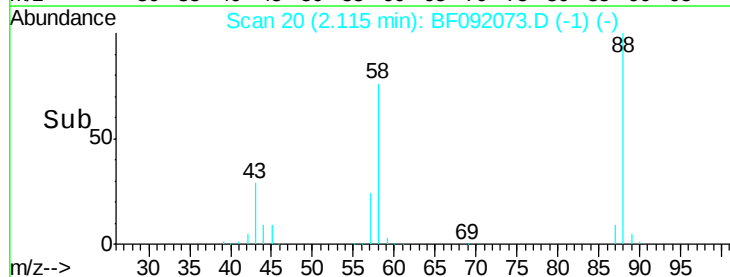
43 28.0 22.3 33.5

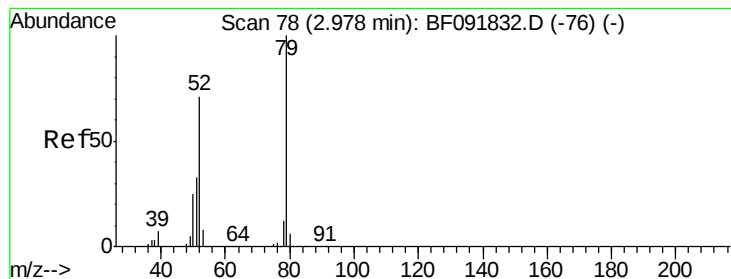


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.25 ng

RT: 2.78 min Scan# 78

Delta R.T. -0.09 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

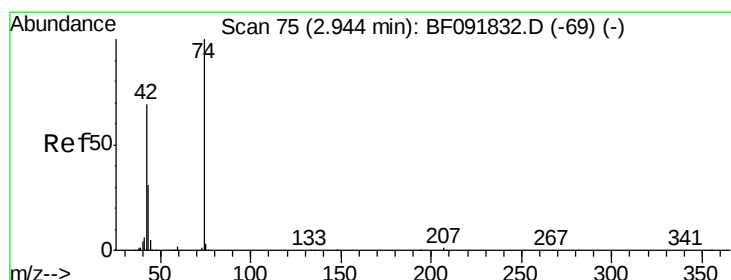
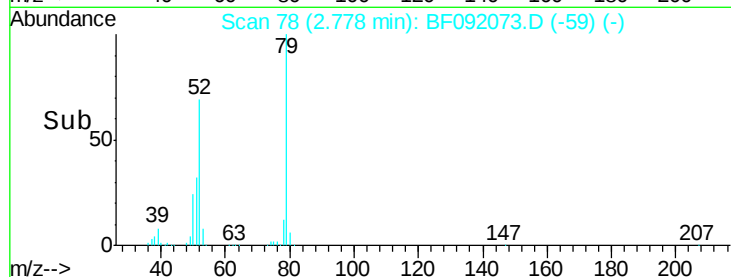
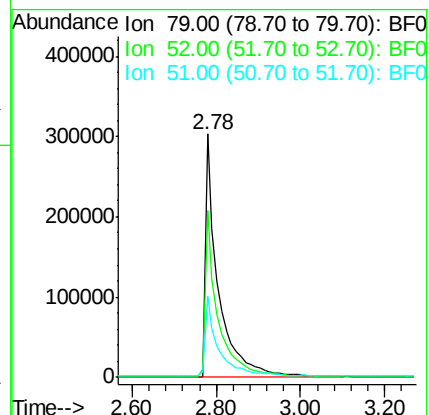
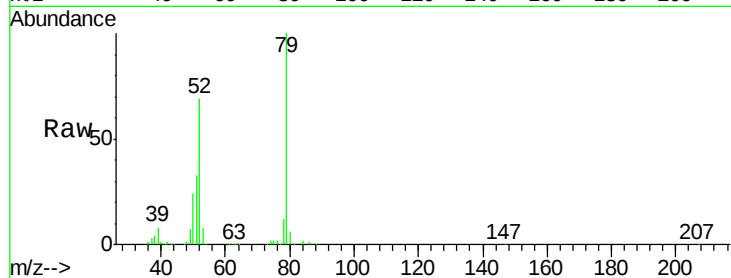
Tgt Ion: 79 Resp: 661778

Ion Ratio Lower Upper

79 100

52 68.6 57.1 85.7

51 33.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 27.29 ng

RT: 2.73 min Scan# 74

Delta R.T. -0.10 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

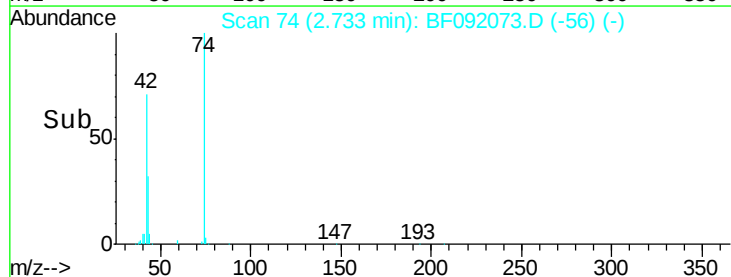
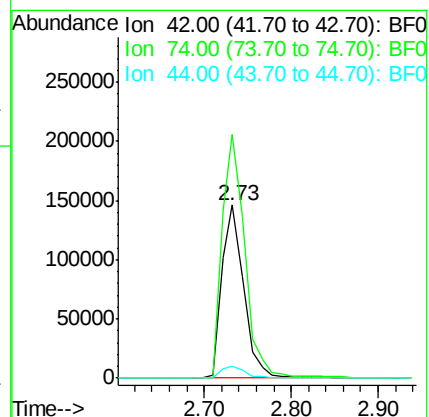
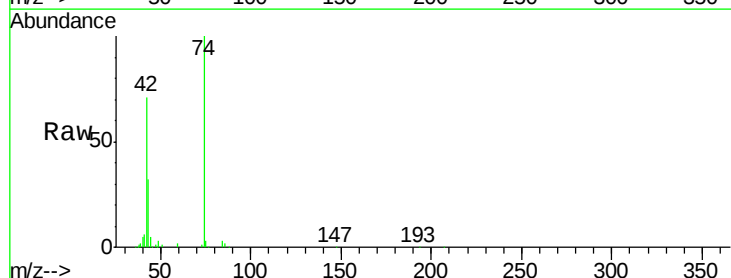
Tgt Ion: 42 Resp: 259544

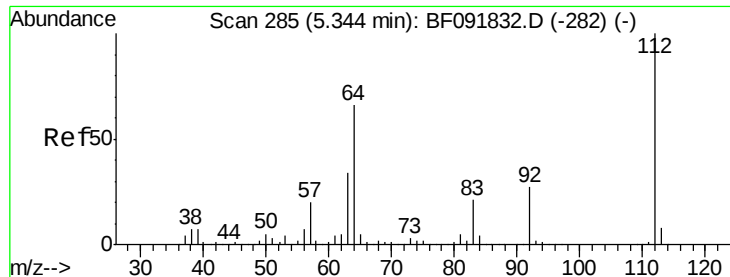
Ion Ratio Lower Upper

42 100

74 140.8 117.0 175.4

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 59.37 ng

RT: 5.26 min Scan# 295

Delta R.T. -0.06 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

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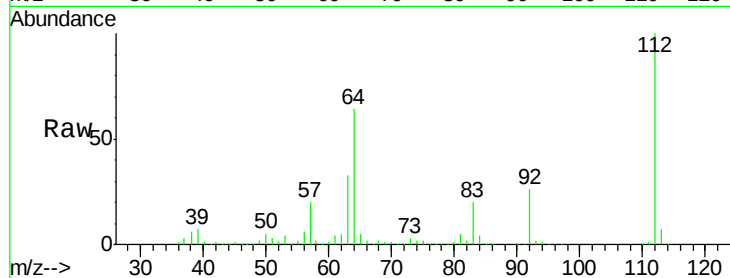
Tgt Ion: 112 Resp: 871037

Ion Ratio Lower Upper

112 100

64 64.1 46.1 69.1

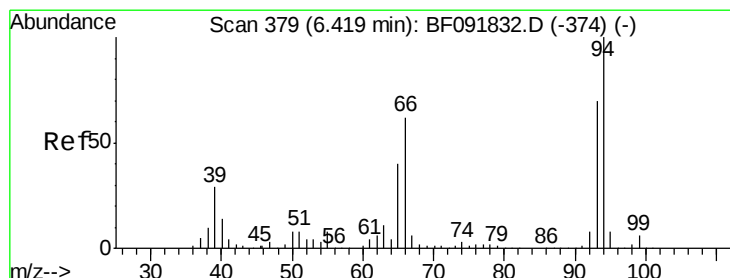
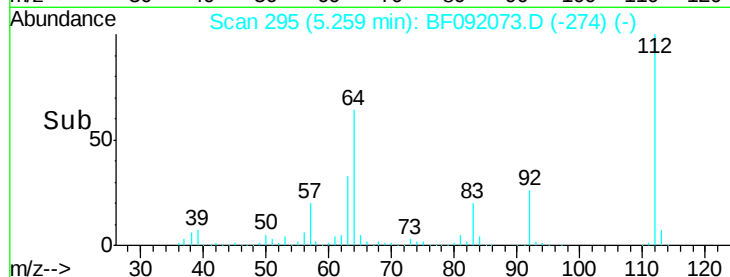
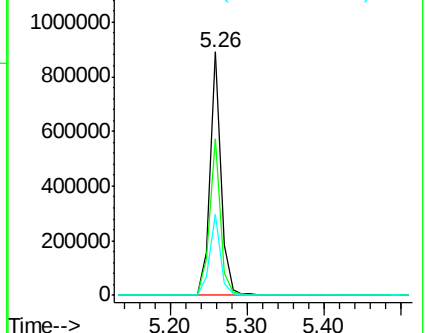
63 33.3 23.8 35.6



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: 37.95 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

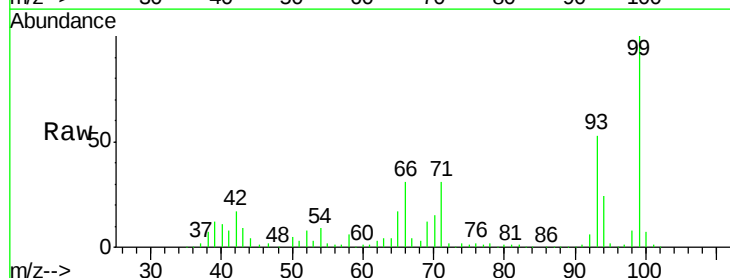
Tgt Ion: 93 Resp: 883039

Ion Ratio Lower Upper

93 100

66 57.8 76.2 114.2#

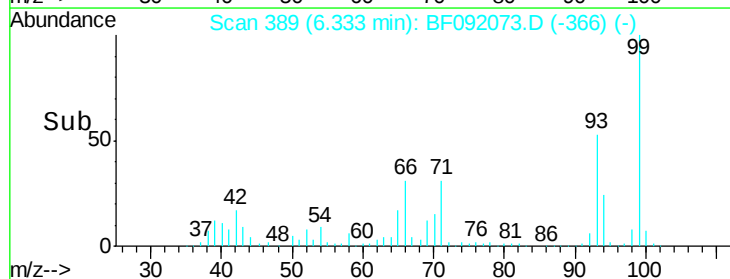
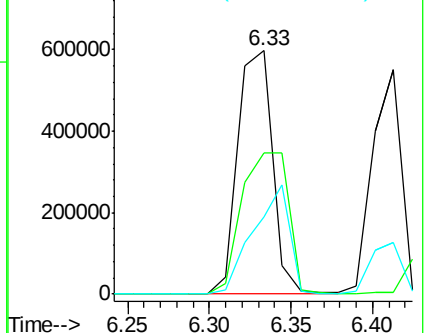
65 31.5 49.3 73.9#



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: 79.59 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

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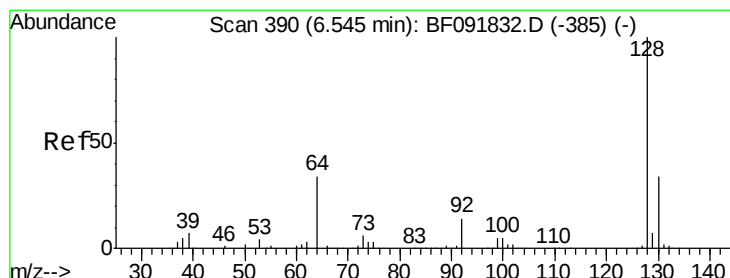
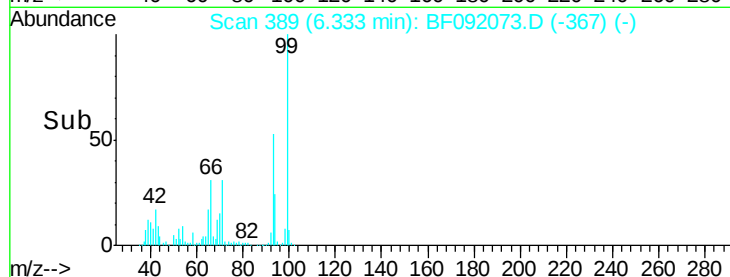
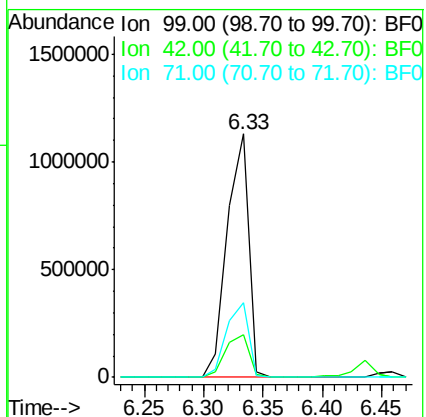
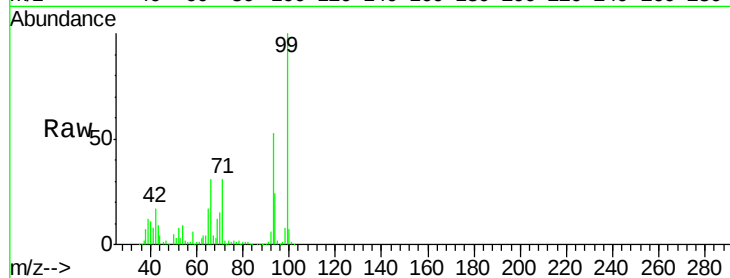
Tgt Ion: 99 Resp: 1425665

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

71 30.8 27.5 41.3



#8

2-Chlorophenol

Concen: 40.13 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

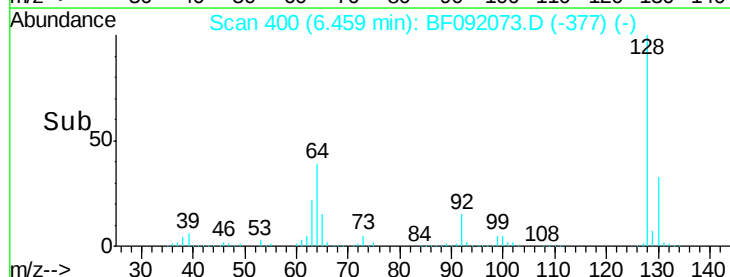
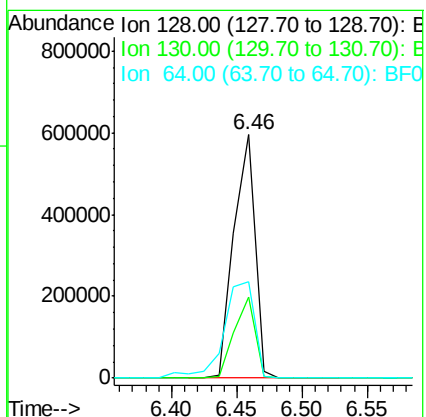
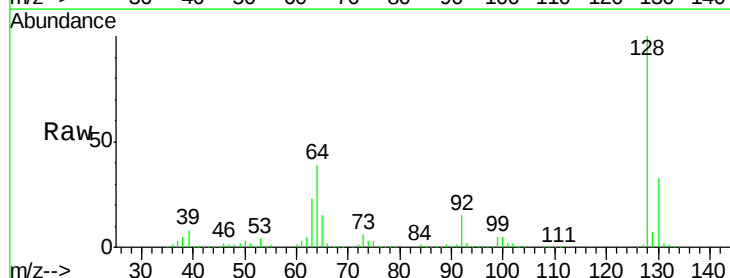
Tgt Ion: 128 Resp: 669805

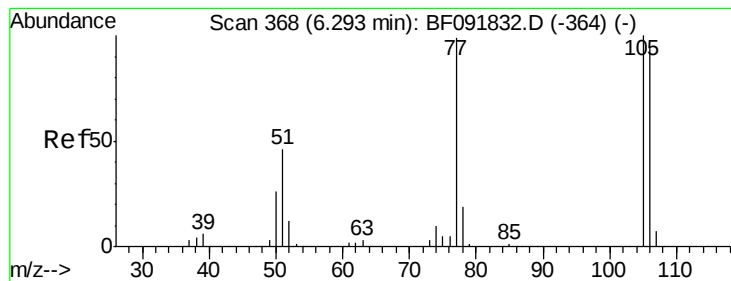
Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

64 39.4 32.2 72.2





#9

Benzaldehyde

Concen: 40.77 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

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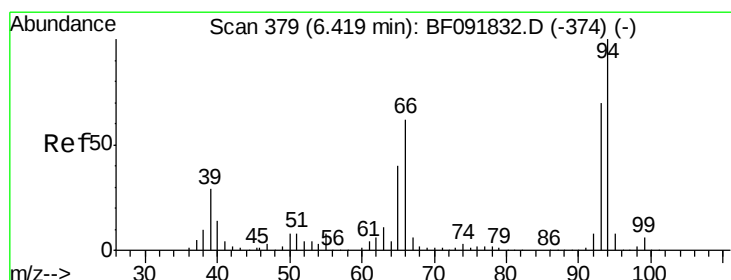
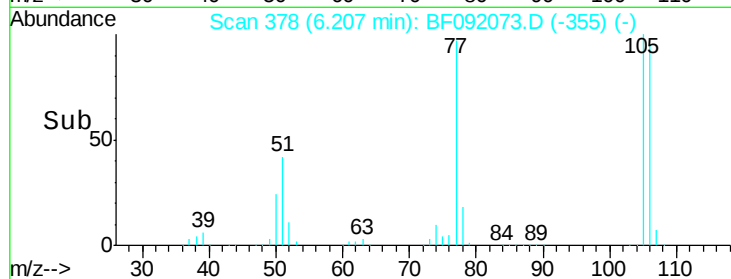
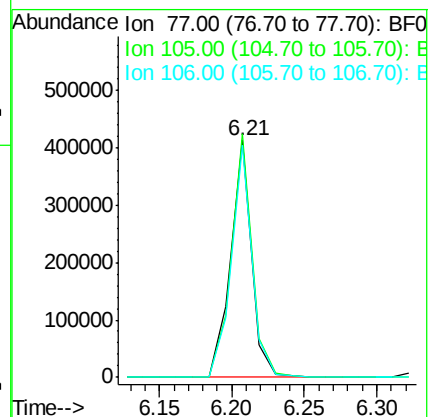
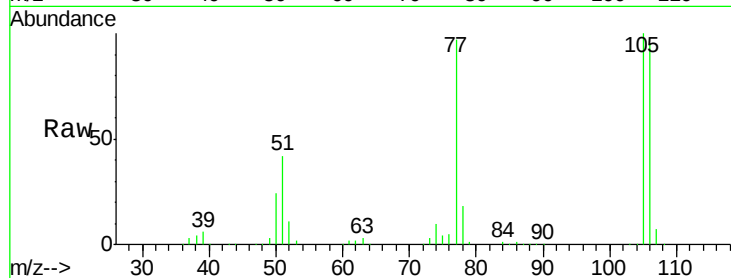
Tgt Ion: 77 Resp: 413894

Ion Ratio Lower Upper

77 100

105 102.7 83.9 123.9

106 97.6 77.6 117.6



#10

Phenol

Concen: 45.49 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

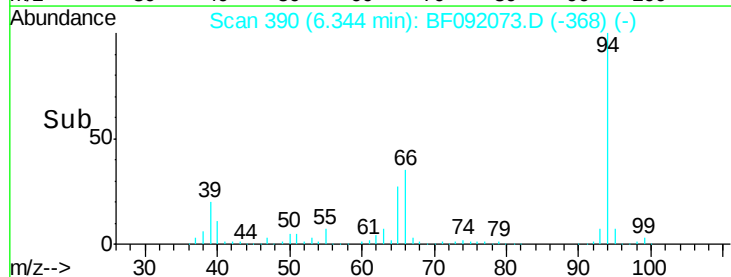
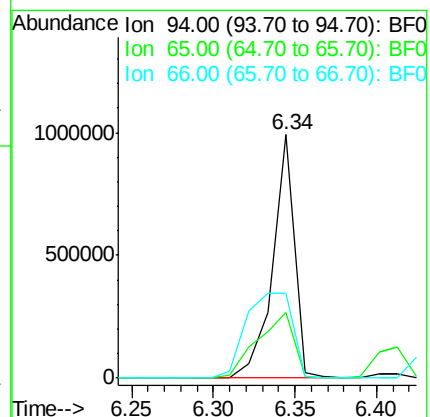
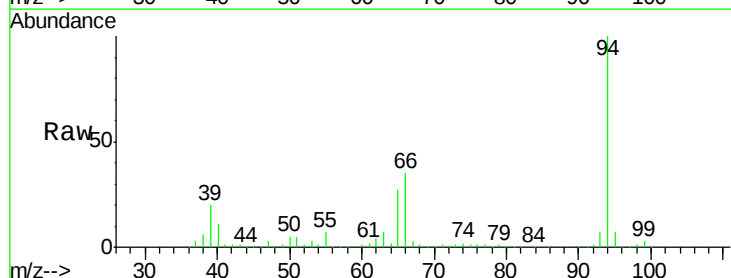
Tgt Ion: 94 Resp: 928489

Ion Ratio Lower Upper

94 100

65 27.0 21.4 61.4

66 35.0 44.0 84.0#

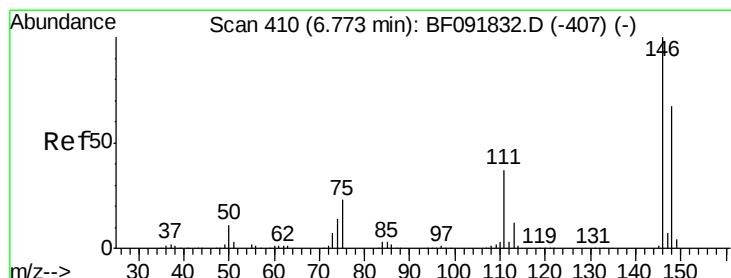
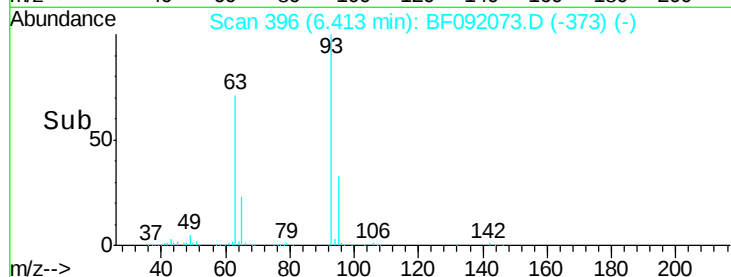
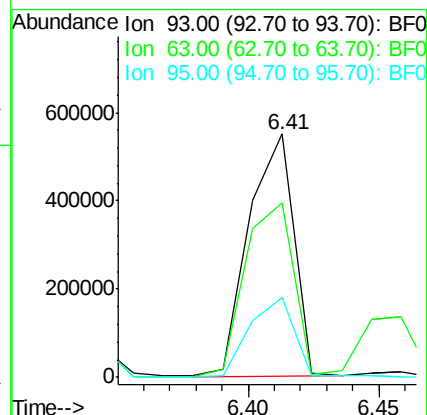
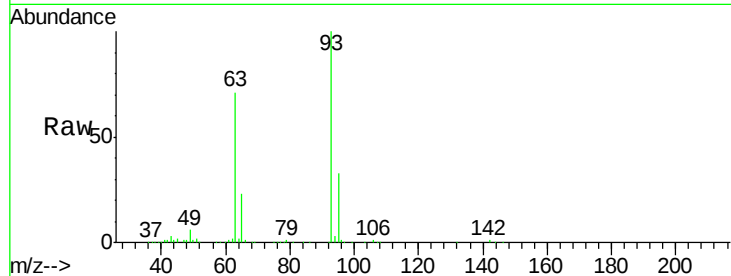




#11
bis(2-Chloroethyl)ether
Concen: 41.05 ng
RT: 6.41 min Scan# 396
Delta R.T. -0.04 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

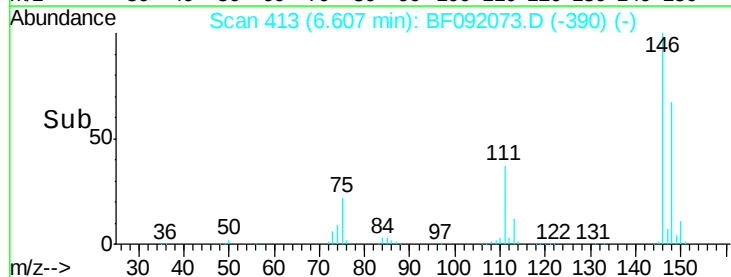
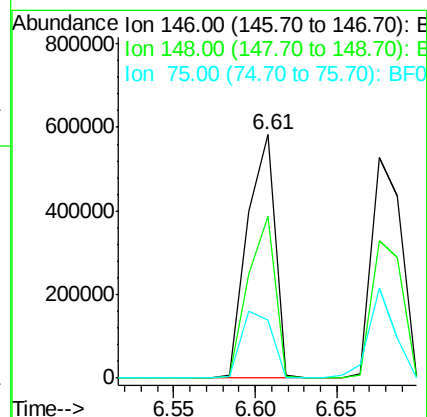
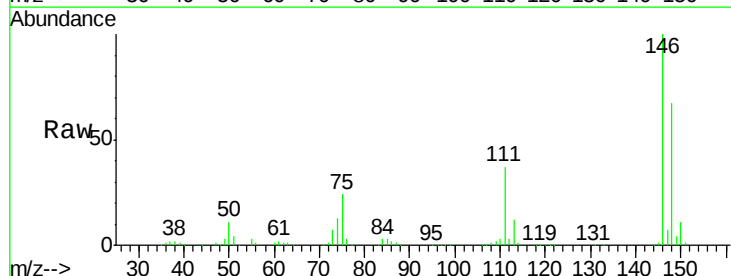
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

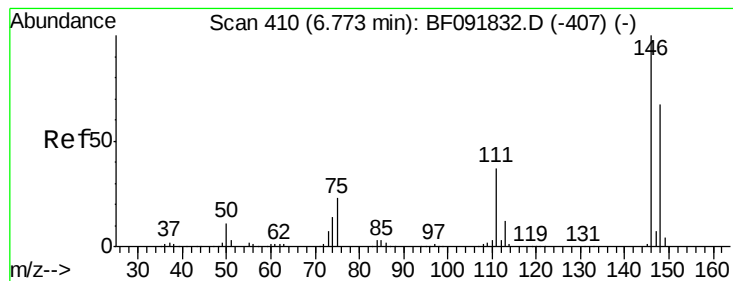
Tgt Ion: 93 Resp: 666660
Ion Ratio Lower Upper
93 100
63 71.4 60.4 100.4
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.36 ng
RT: 6.61 min Scan# 413
Delta R.T. -0.04 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion: 146 Resp: 683383
Ion Ratio Lower Upper
146 100
148 66.6 53.4 80.0
75 23.8 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 37.13 ng

RT: 6.68 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

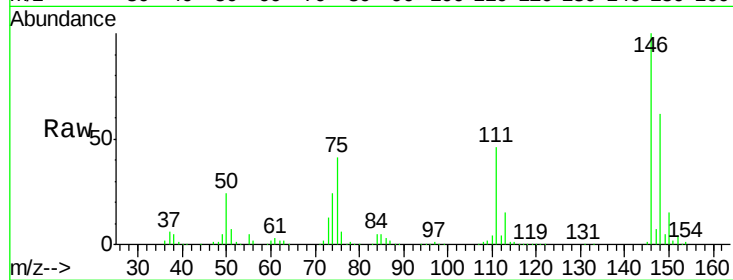
Tgt Ion:146 Resp: 673347

Ion Ratio Lower Upper

146 100

148 62.4 50.6 76.0

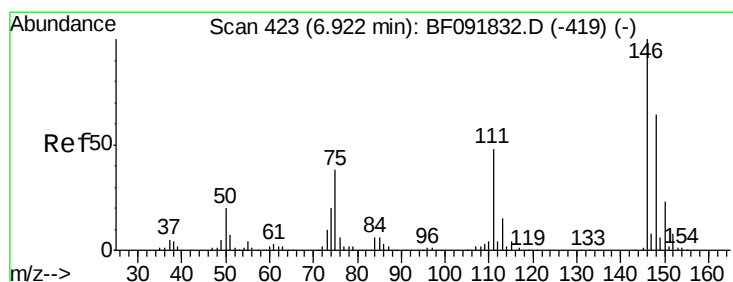
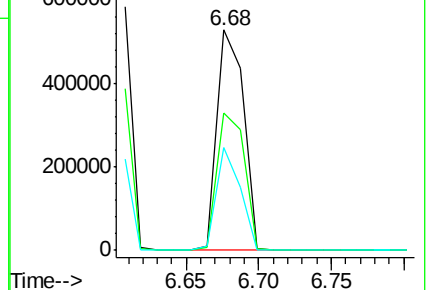
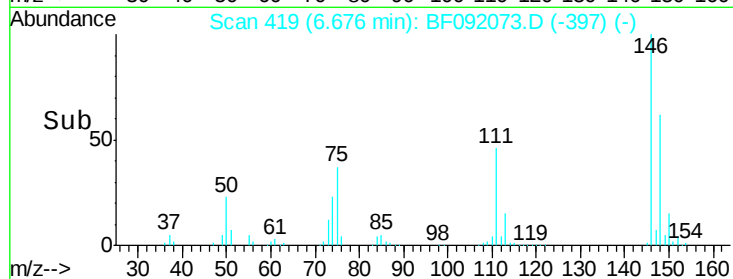
111 46.4 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.61 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

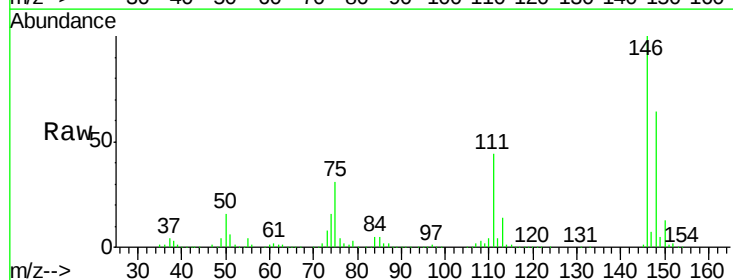
Tgt Ion:146 Resp: 654738

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

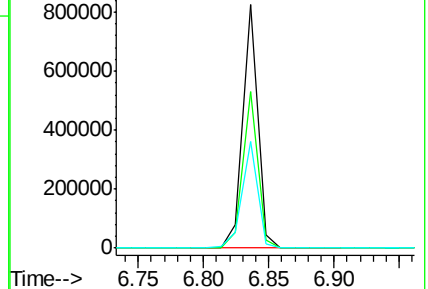
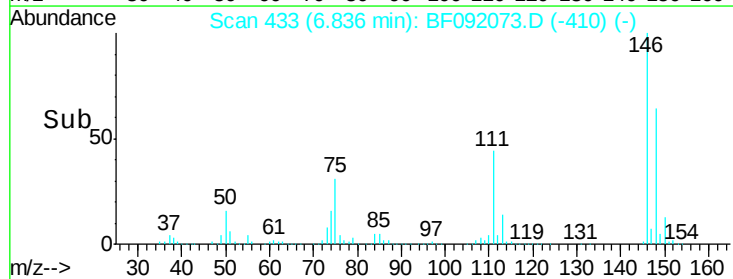
111 43.8 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.83 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

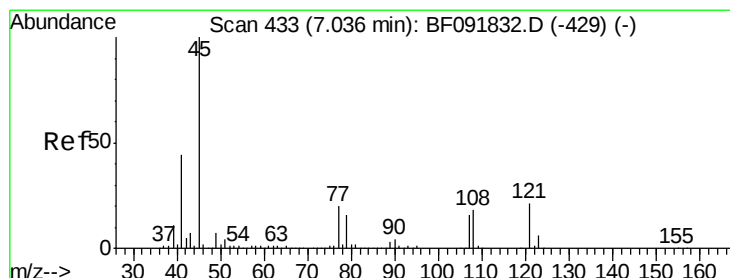
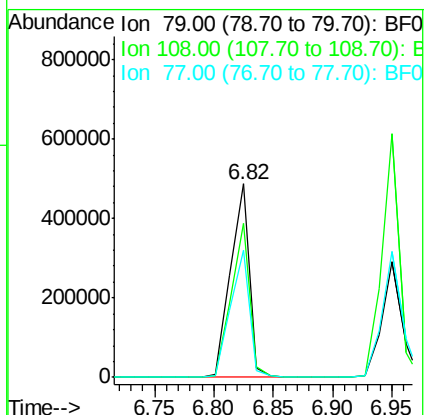
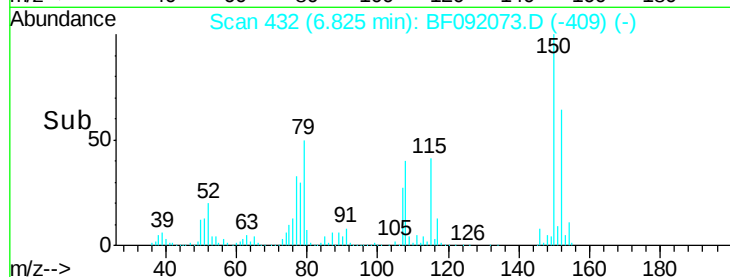
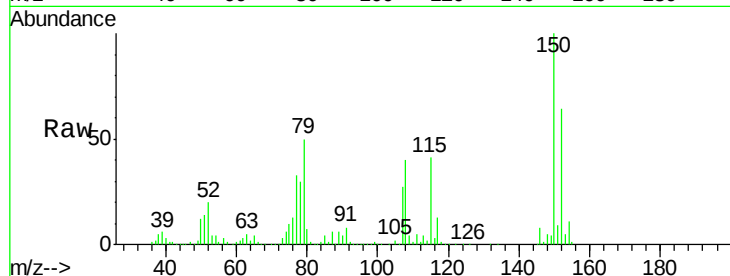
Tgt Ion: 79 Resp: 540420

Ion Ratio Lower Upper

79 100

108 79.8 61.4 92.0

77 65.7 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.48 ng

RT: 6.95 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

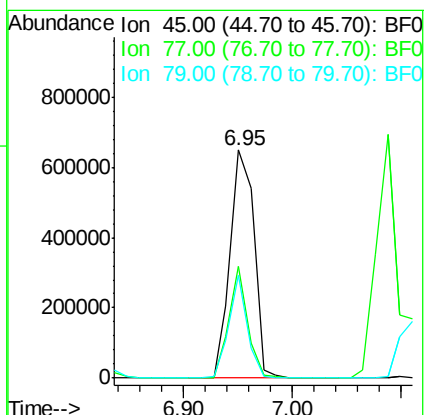
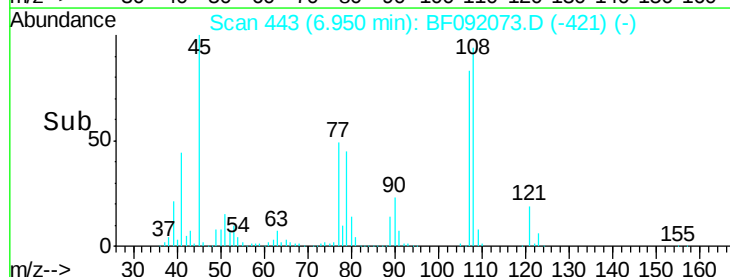
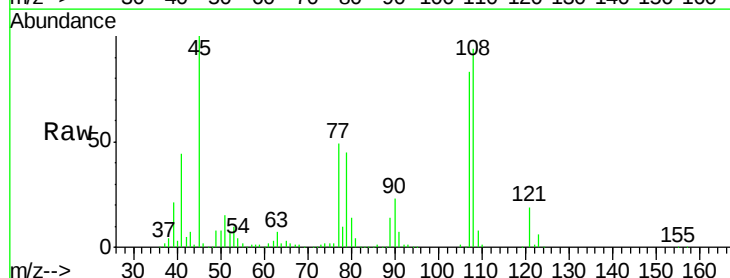
Tgt Ion: 45 Resp: 979091

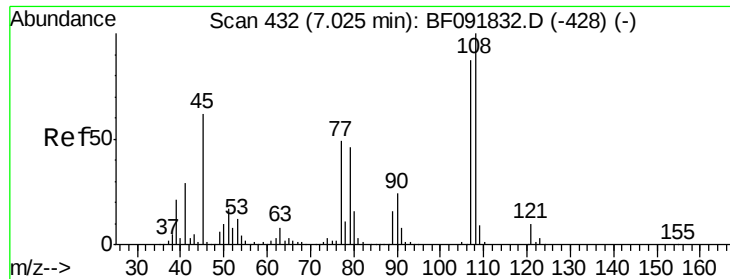
Ion Ratio Lower Upper

45 100

77 48.8 0.0 34.6#

79 45.0 0.0 31.2#

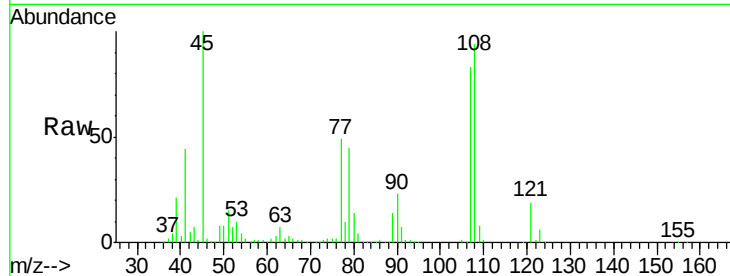




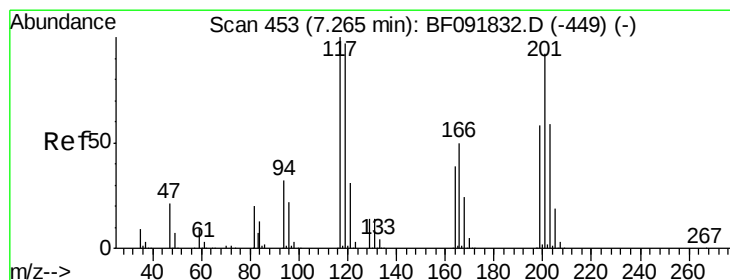
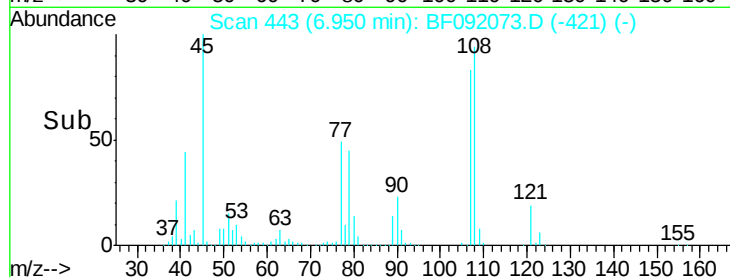
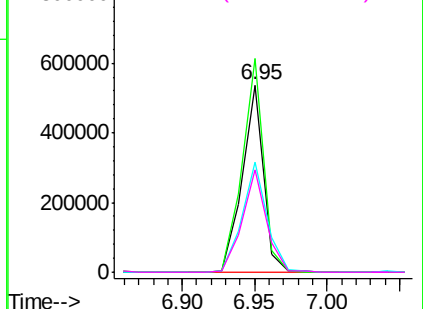
#17
2-Methylphenol
Concen: 40.58 ng
RT: 6.95 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 544734
Ion Ratio Lower Upper
107 100
108 114.2 93.0 139.6
77 59.1 39.8 59.8
79 54.4 38.0 57.0

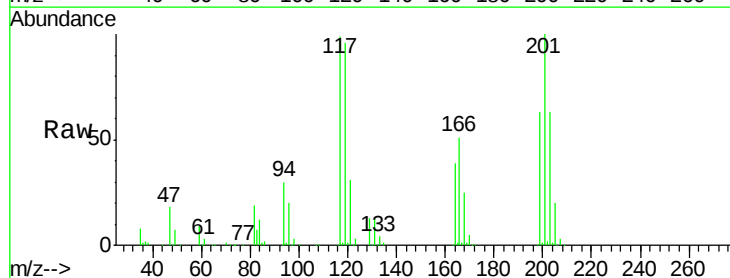


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

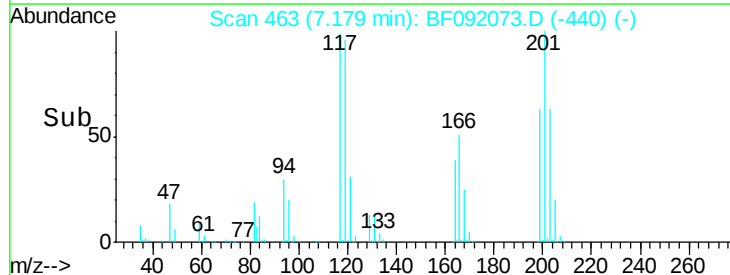
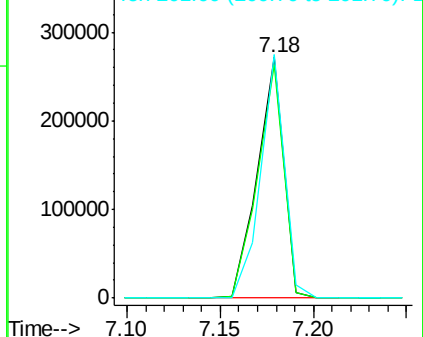


#18
Hexachloroethane
Concen: 39.05 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.04 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion:117 Resp: 262519
Ion Ratio Lower Upper
117 100
119 96.8 78.1 117.1
201 101.2 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

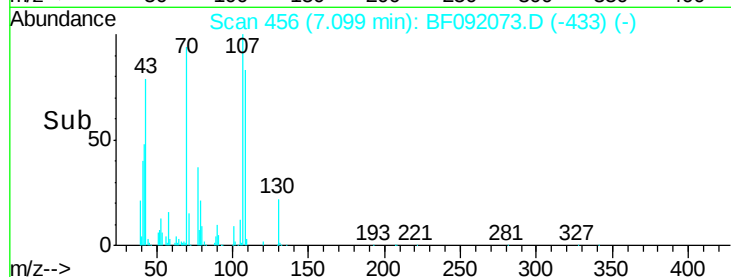
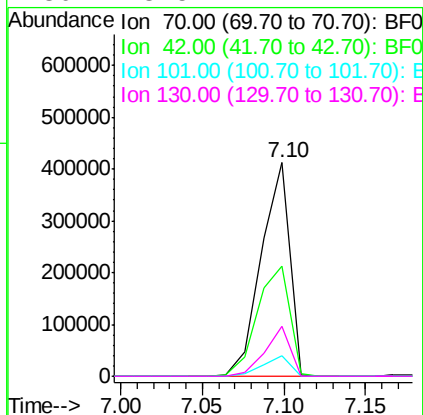
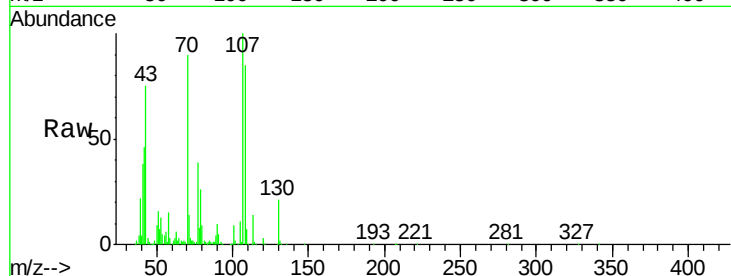




#19
n-Nitroso-di-n-propylamine
Concen: 42.14 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

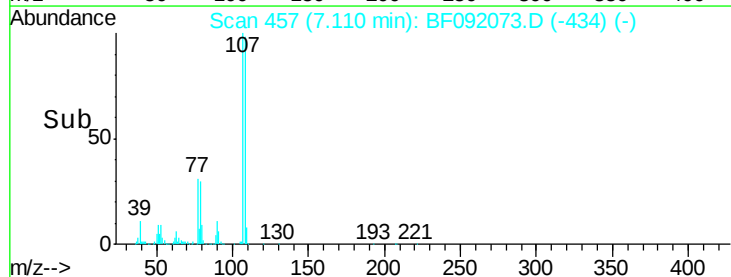
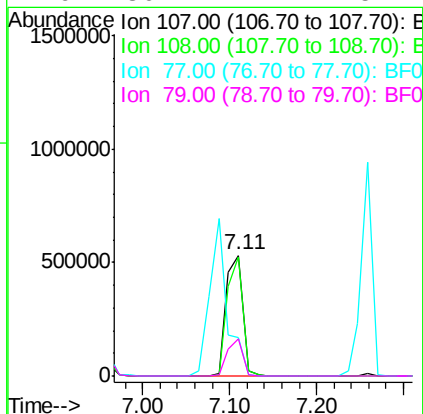
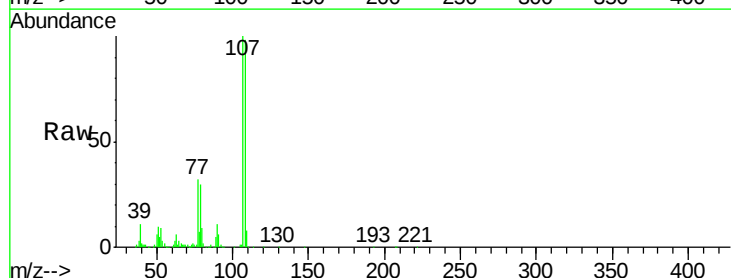
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

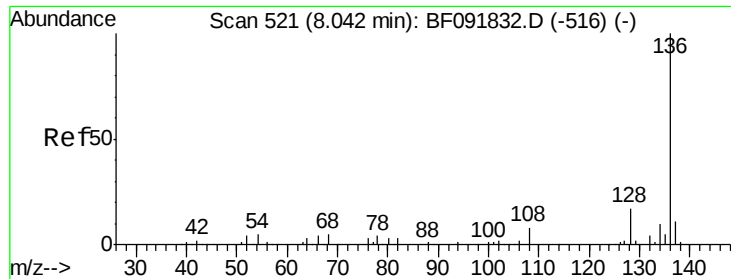
Tgt Ion: 70 Resp: 502196
Ion Ratio Lower Upper
70 100
42 51.4 49.4 74.0
101 9.8 7.4 11.2
130 23.5 14.2 21.4#



#20
3+4-Methylphenols
Concen: 44.79 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.04 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion: 107 Resp: 717086
Ion Ratio Lower Upper
107 100
108 98.4 73.0 113.0
77 31.6 71.3 111.3#
79 30.4 11.1 51.1



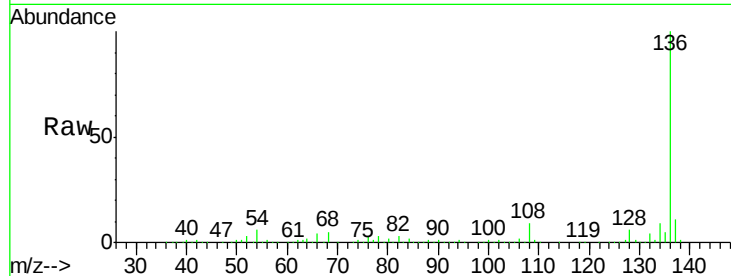


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

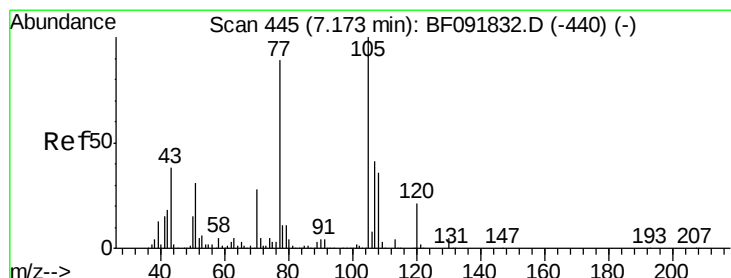
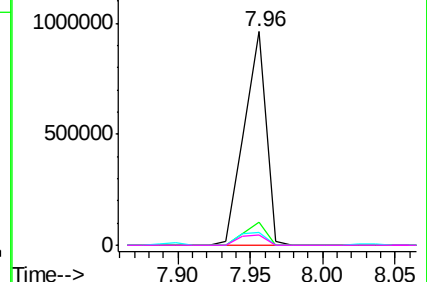
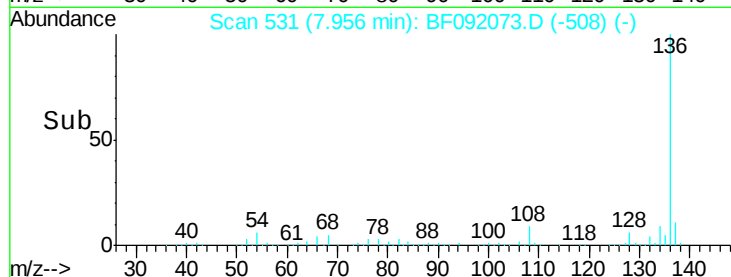
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1010564

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.0	4.5	6.7
68	5.1	3.6	5.4



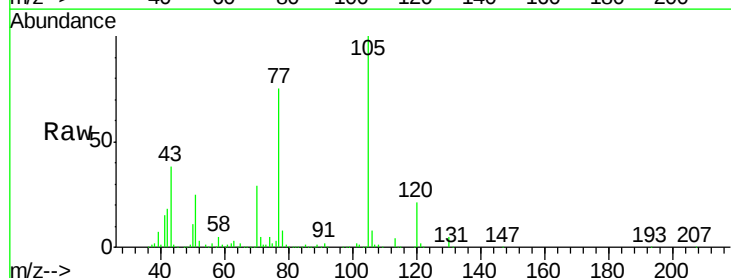
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



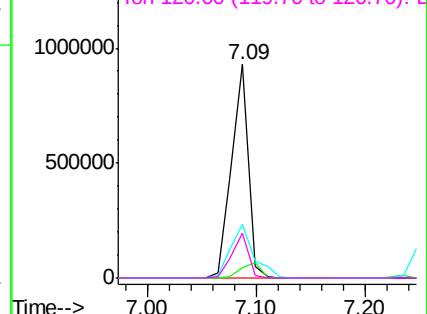
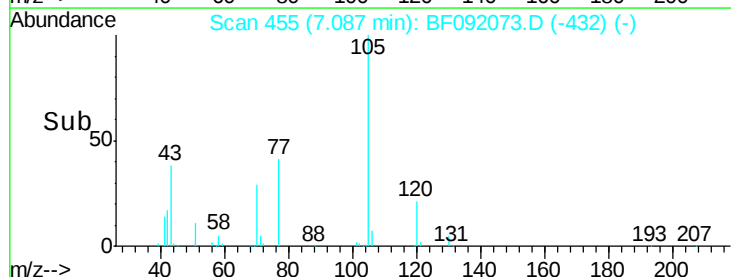
#22
Acetophenone
Concen: 39.78 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

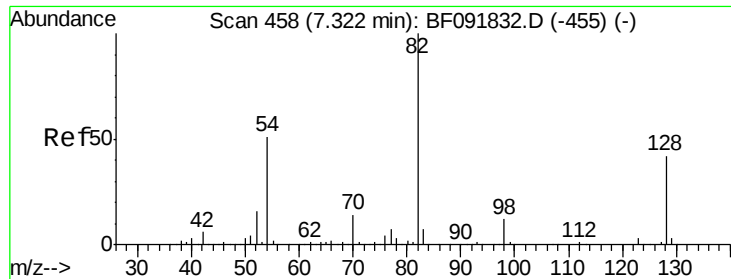
Tgt Ion:105 Resp: 991605

Ion	Ratio	Lower	Upper
105	100		
71	4.8	3.2	4.8#
51	24.9	26.2	39.4#
120	21.0	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

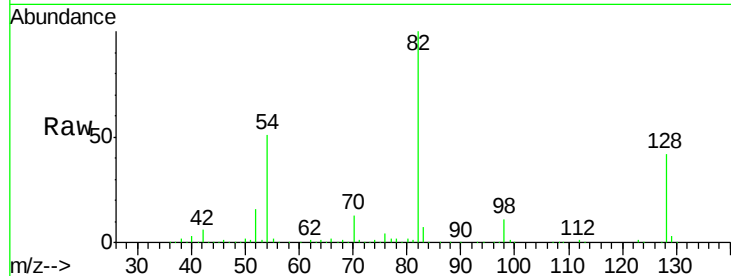




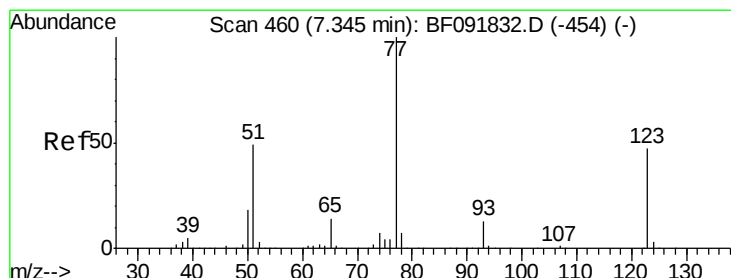
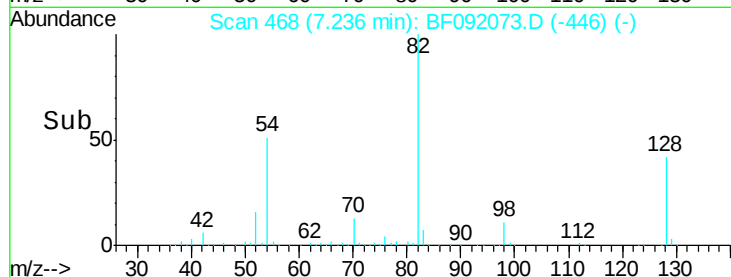
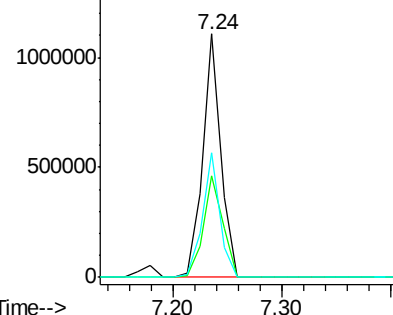
#23
 Nitrobenzene-d5
 Concen: 70.73 ng
 RT: 7.24 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1285394
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 52.0
 54 51.2 39.5 59.3

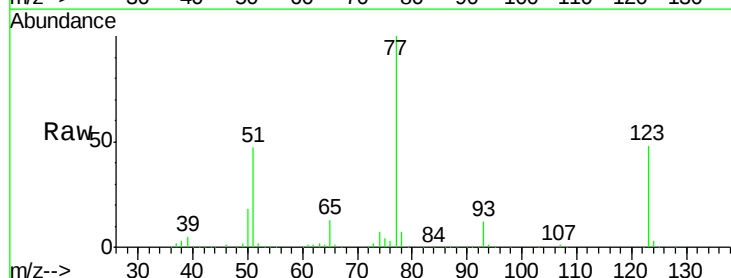


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

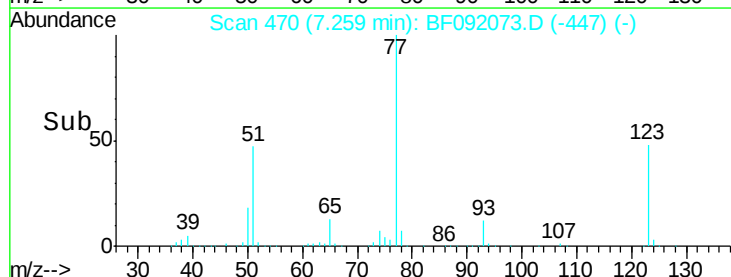
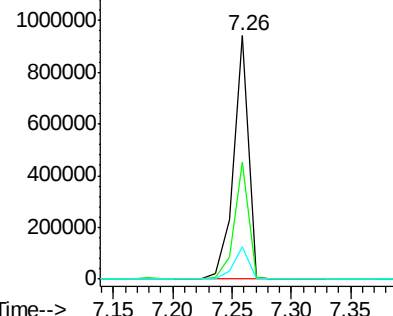


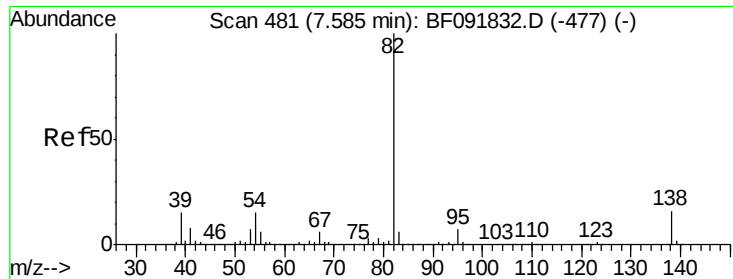
#24
 Nitrobenzene
 Concen: 42.54 ng
 RT: 7.26 min Scan# 470
 Delta R.T. -0.04 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Tgt Ion: 77 Resp: 823461
 Ion Ratio Lower Upper
 77 100
 123 48.1 33.0 49.4
 65 13.2 11.2 16.8



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





#25

Isophorone

Concen: 37.93 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

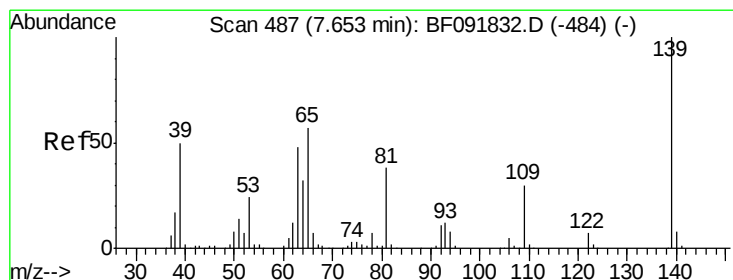
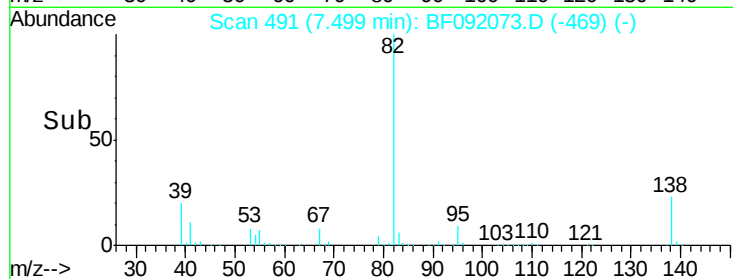
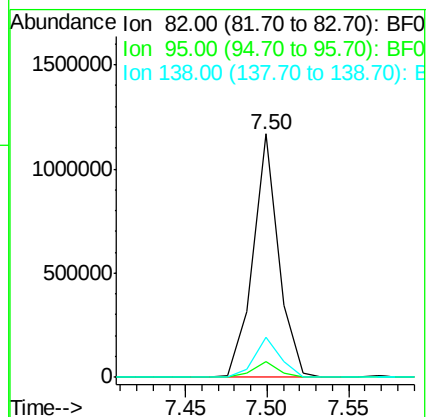
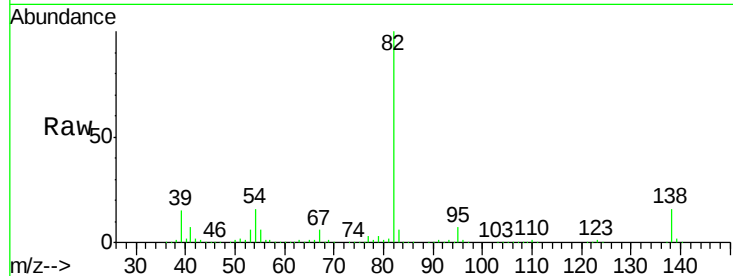
Tgt Ion: 82 Resp: 1271738

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 16.2 14.6 22.0



#26

2-Nitrophenol

Concen: 37.36 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

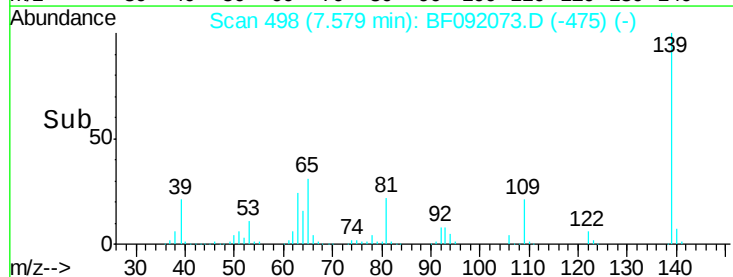
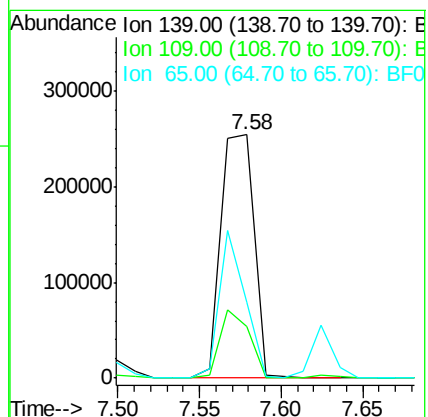
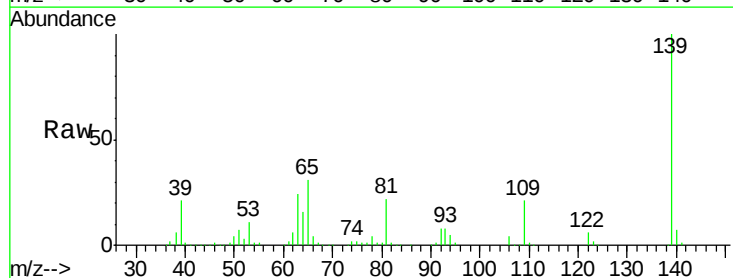
Tgt Ion: 139 Resp: 356631

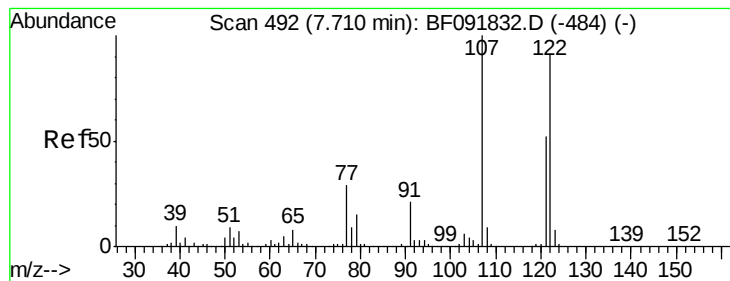
Ion Ratio Lower Upper

139 100

109 21.4 23.3 34.9#

65 31.2 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 32.87 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

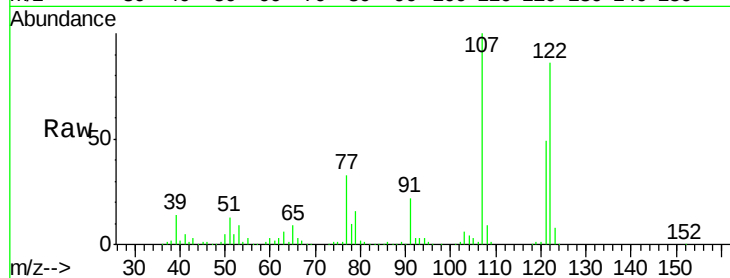
Tgt Ion: 122 Resp: 520439

Ion Ratio Lower Upper

122 100

107 116.8 94.1 141.1

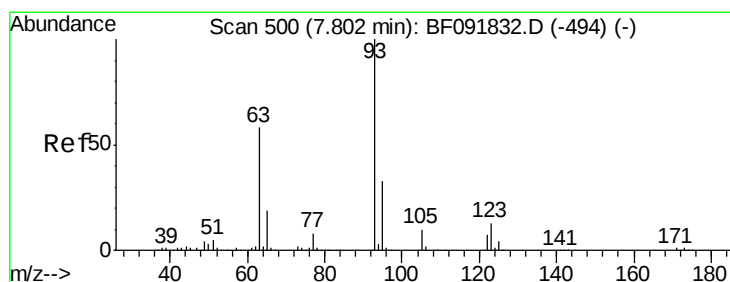
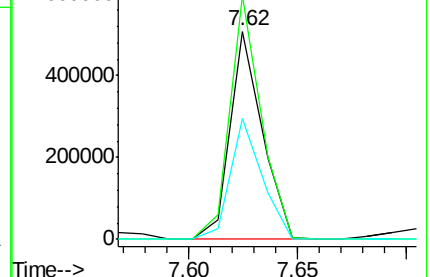
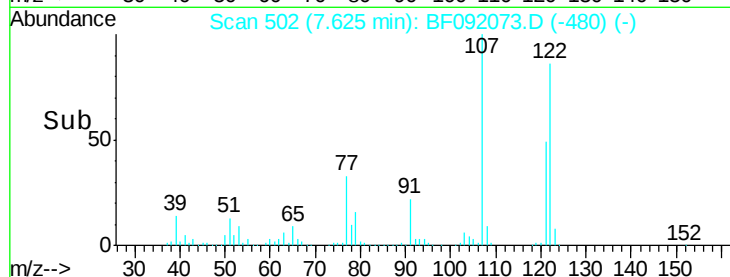
121 57.7 46.0 69.0



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: 39.27 ng

RT: 7.72 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

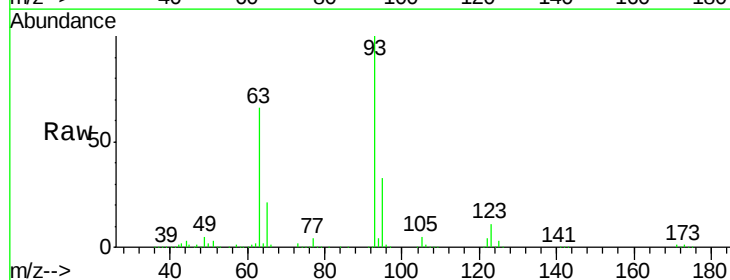
Tgt Ion: 93 Resp: 798456

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

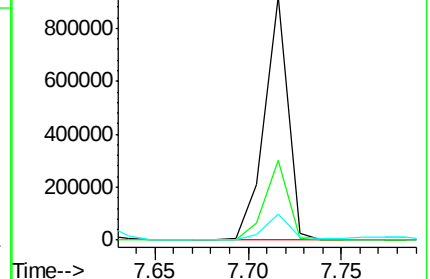
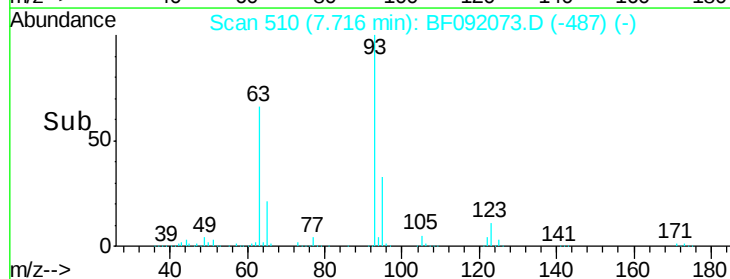
123 10.9 8.6 13.0

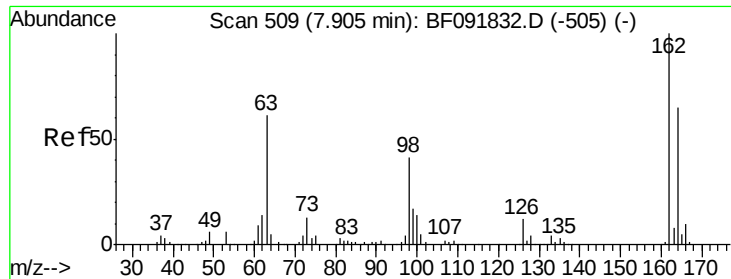


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

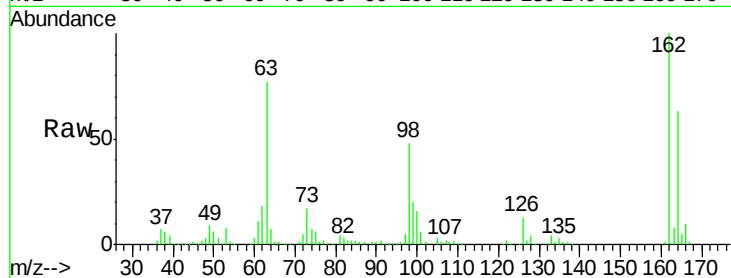




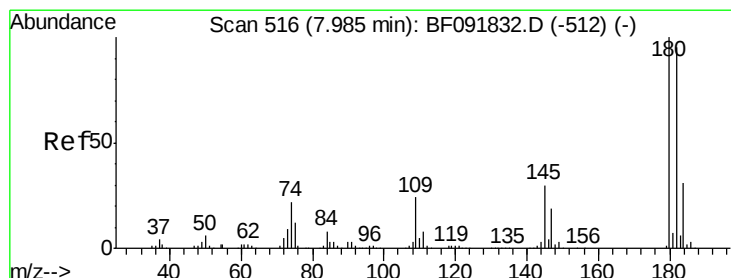
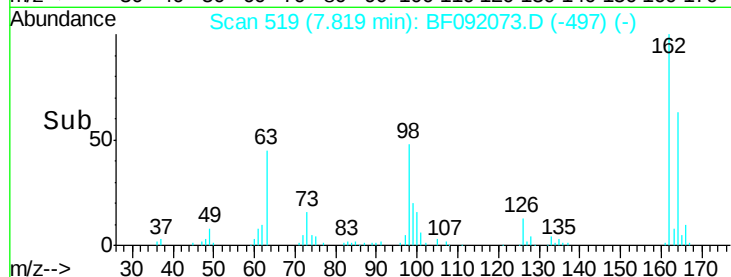
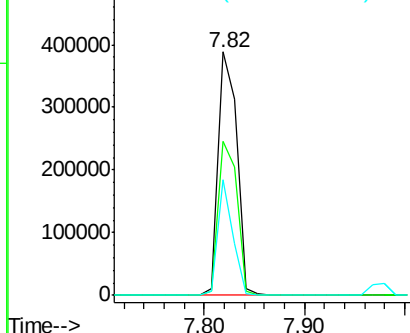
#29
2,4-Dichlorophenol
Concen: 37.22 ng
RT: 7.82 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 498929
Ion Ratio Lower Upper
162 100
164 63.4 46.8 86.8
98 47.6 9.1 49.1

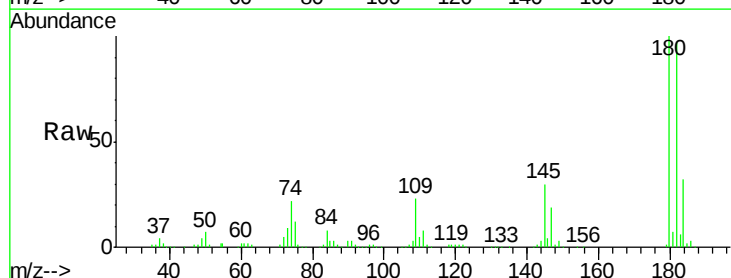


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

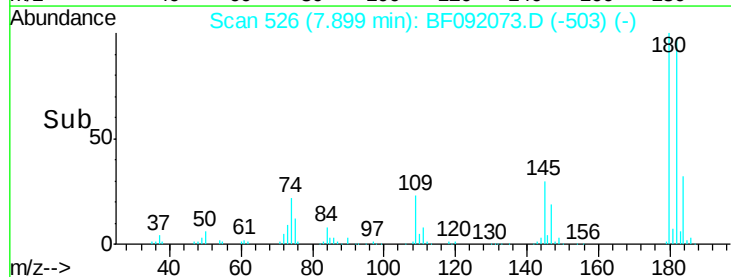
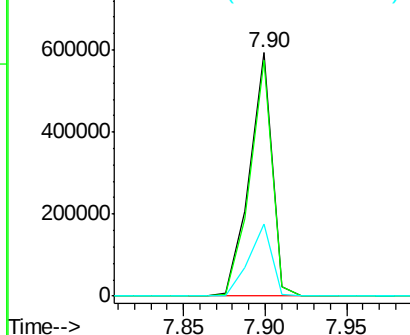


#30
1,2,4-Trichlorobenzene
Concen: 38.74 ng
RT: 7.90 min Scan# 526
Delta R.T. -0.04 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion:180 Resp: 569115
Ion Ratio Lower Upper
180 100
182 97.1 78.2 117.4
145 29.7 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: 40.00 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

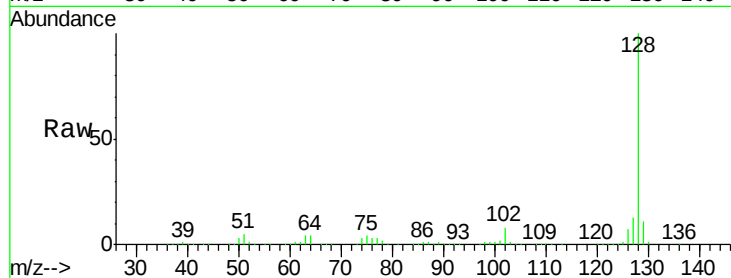
Tgt Ion:128 Resp: 1850168

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

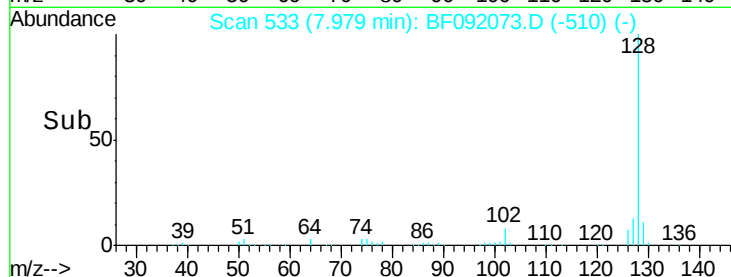
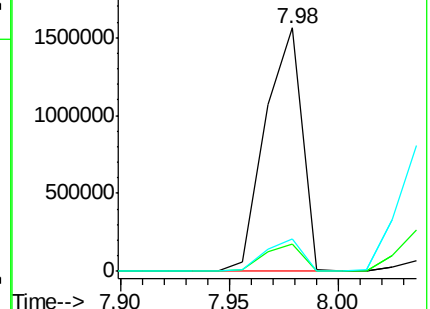
127 13.2 10.8 16.2



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: 43.89 ng

RT: 7.78 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

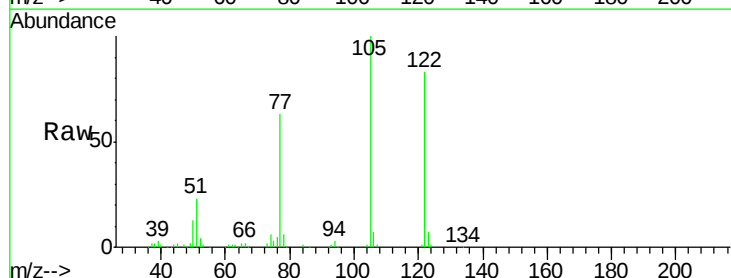
Tgt Ion:122 Resp: 515333

Ion Ratio Lower Upper

122 100

105 120.4 107.2 147.2

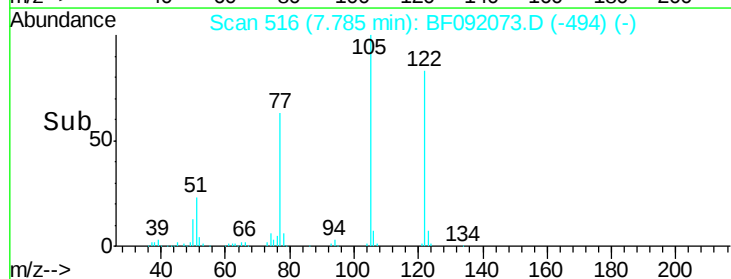
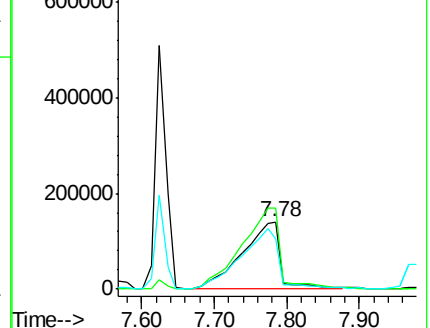
77 75.3 74.5 114.5



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

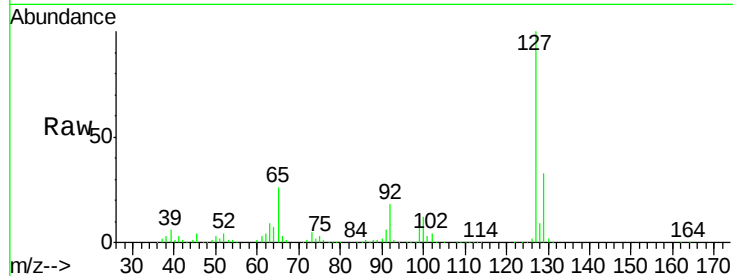




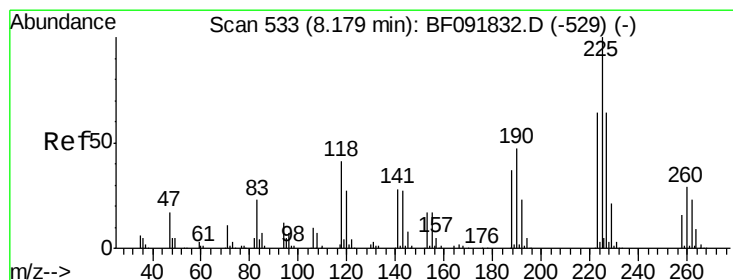
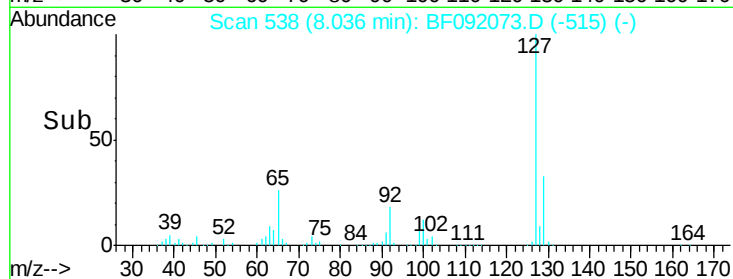
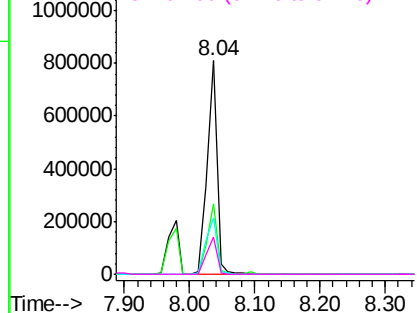
#33
4-Chloroaniline
Concen: 39.92 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.04 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	832538
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	26.3	25.8	38.8
92	17.7	16.1	24.1

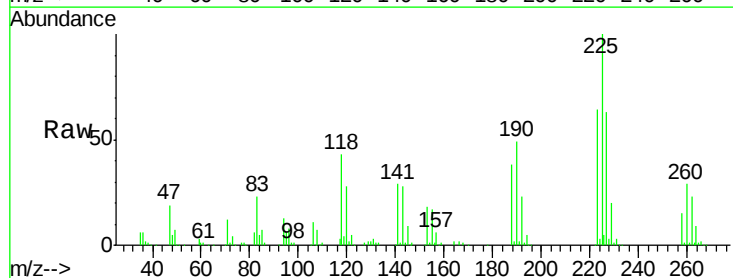


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

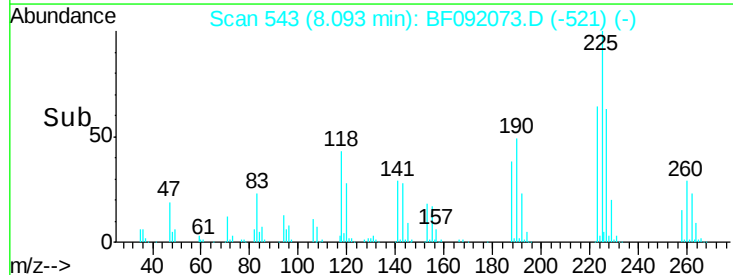
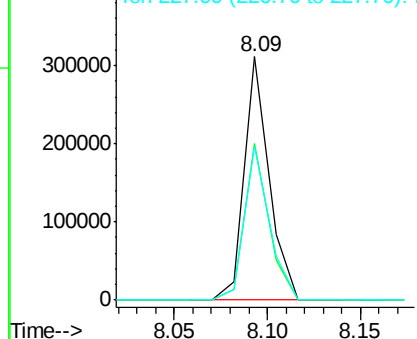


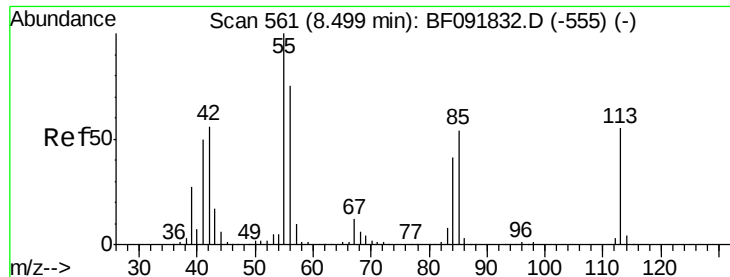
#34
Hexachlorobutadiene
Concen: 36.96 ng
RT: 8.09 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion:	225	Resp:	286630
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.6
227	63.3	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

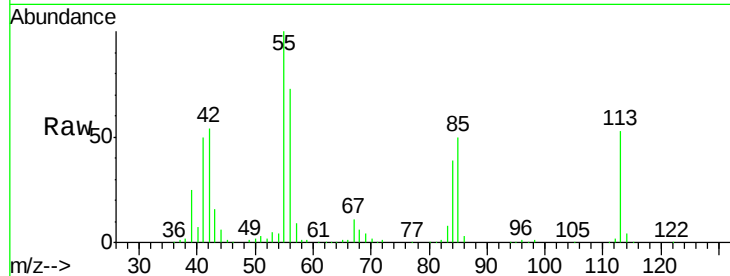




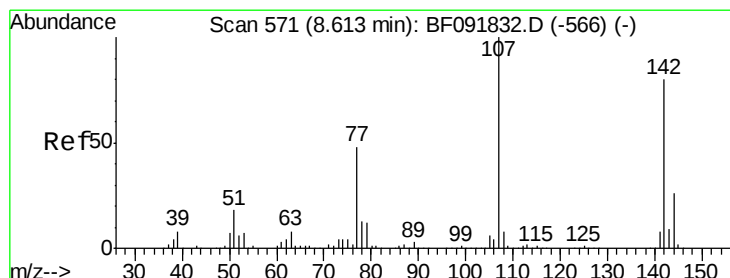
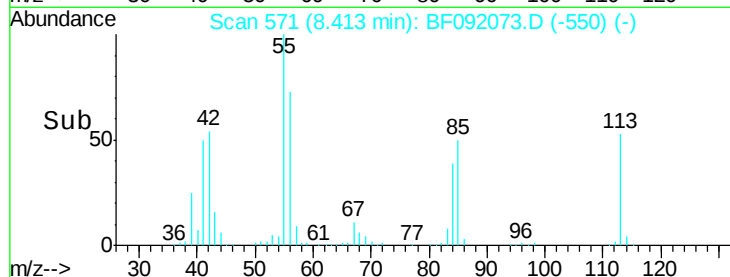
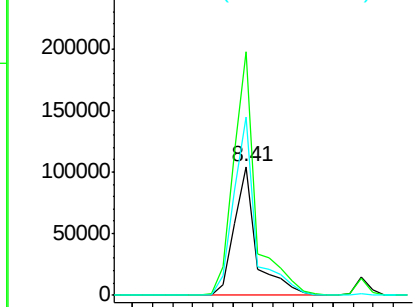
#35
 Caprolactam
 Concen: 36.32 ng
 RT: 8.41 min Scan# 571
 Delta R.T. -0.06 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 160006
 Ion Ratio Lower Upper
 113 100
 55 189.3 119.2 159.2#
 56 138.3 83.8 123.8#

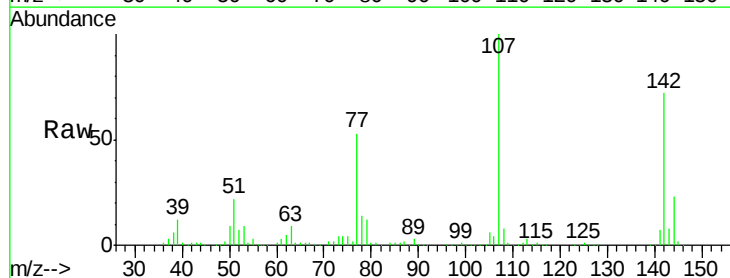


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

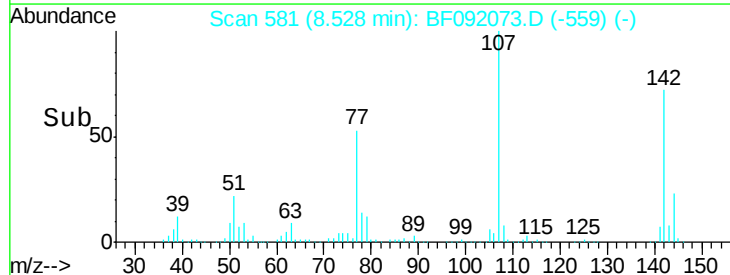
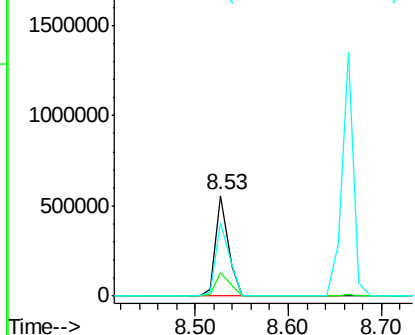


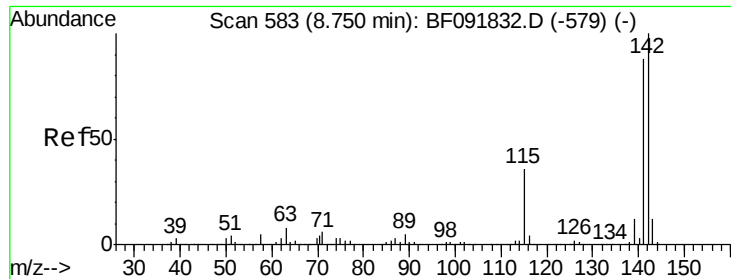
#36
 4-Chloro-3-methylphenol
 Concen: 34.34 ng
 RT: 8.53 min Scan# 581
 Delta R.T. -0.05 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Tgt Ion:107 Resp: 529692
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.3 28.9
 142 72.1 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

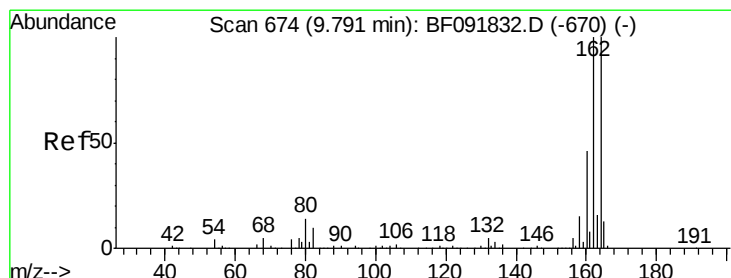
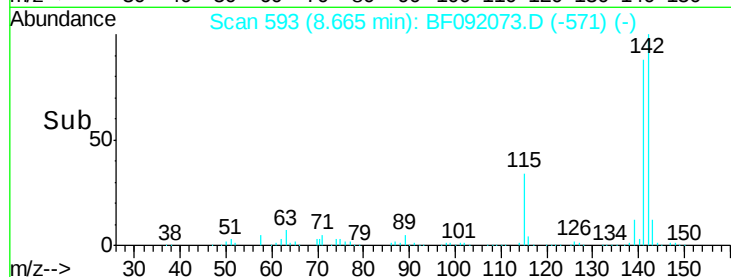
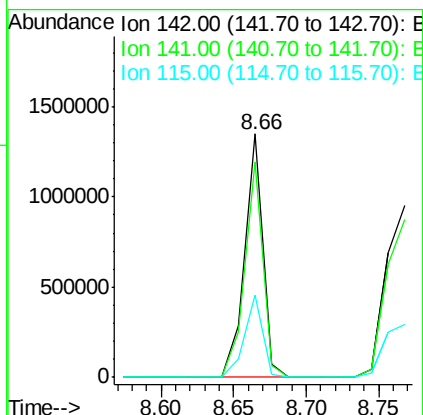
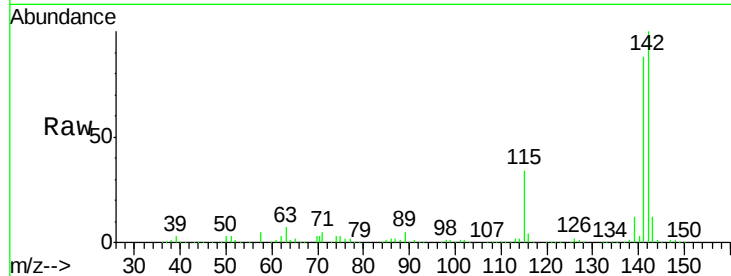




#37
2-Methylnaphthalene
Concen: 40.56 ng
RT: 8.66 min Scan# 593
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

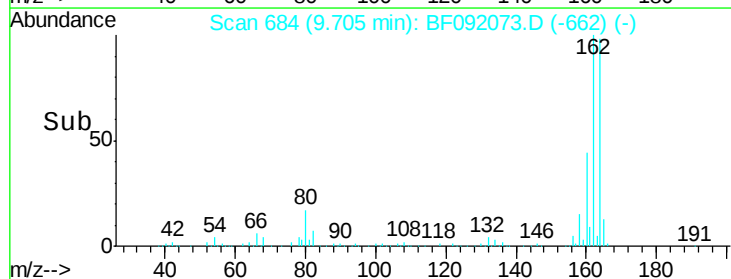
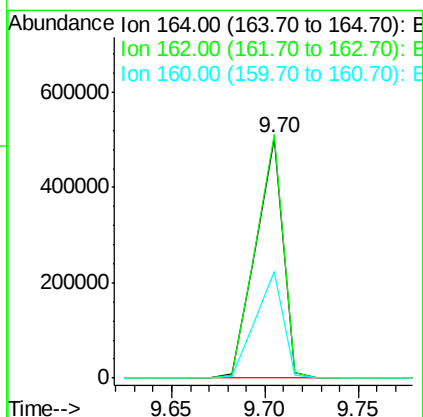
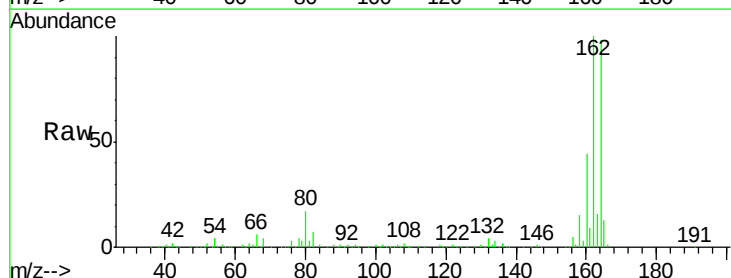
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

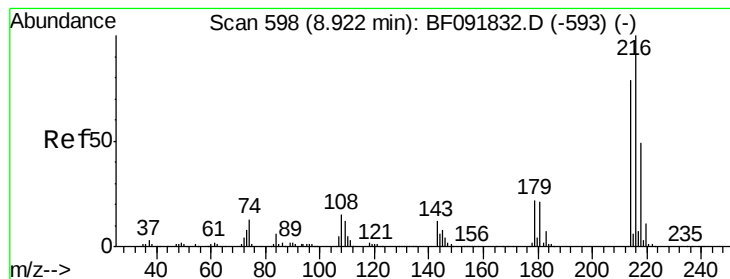
Tgt Ion:142 Resp: 1177662
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.6
115 33.9 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion:164 Resp: 520400
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.2
160 44.5 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.96 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 525429

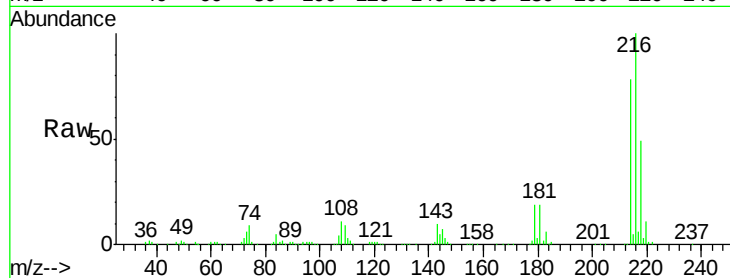
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 21.5 17.4 26.2

108 18.8 15.6 23.4

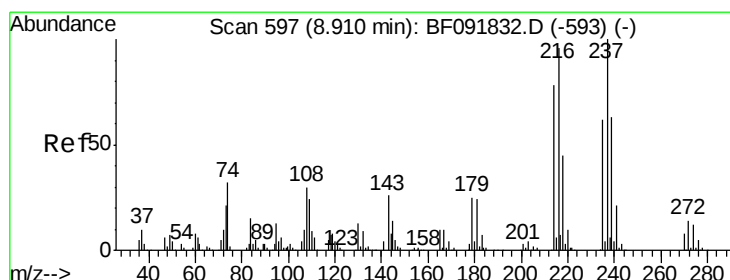
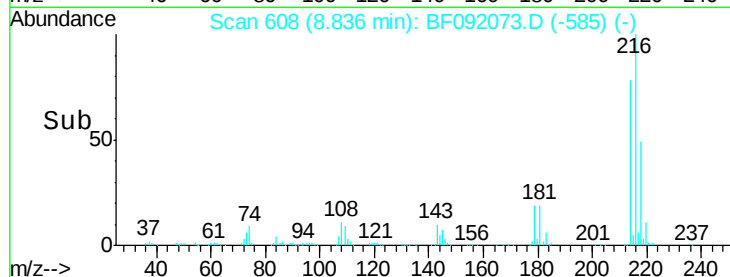
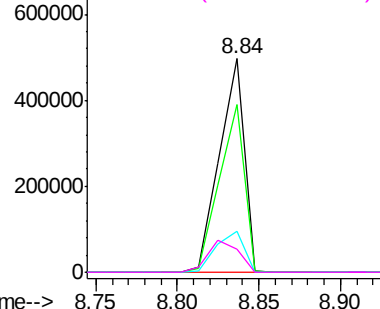


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.24 ng

RT: 8.82 min Scan# 607

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

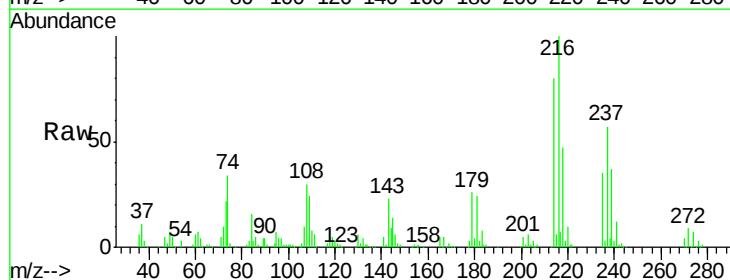
Tgt Ion:237 Resp: 192617

Ion Ratio Lower Upper

237 100

235 61.2 41.2 81.2

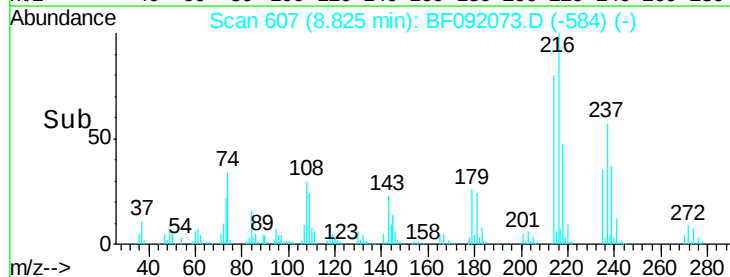
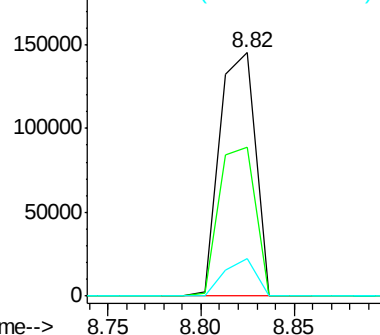
272 15.3 0.0 35.4

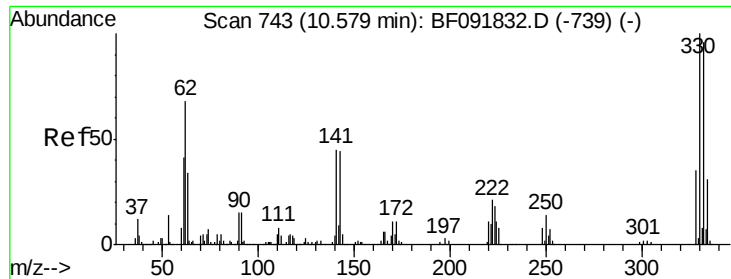


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

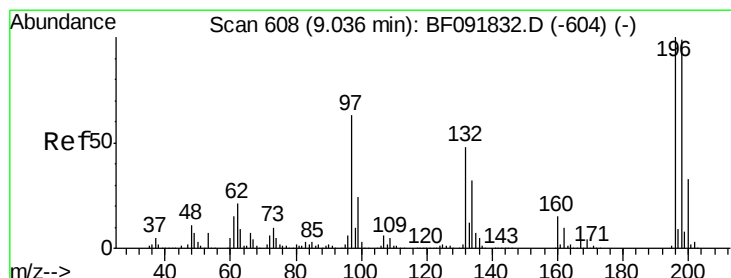
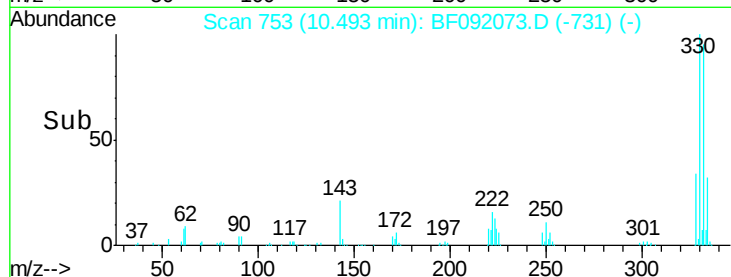
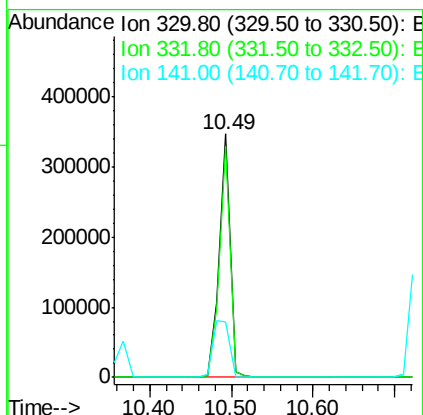
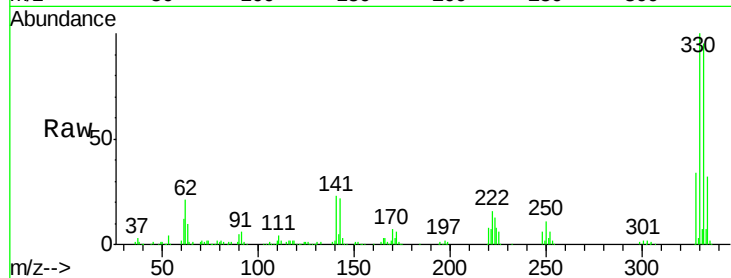




#41
 2,4,6-Tribromophenol
 Concen: 75.12 ng
 RT: 10.49 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

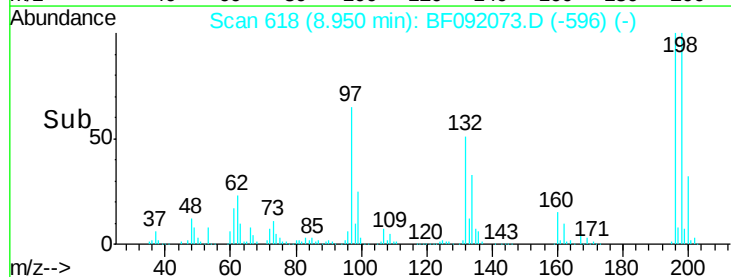
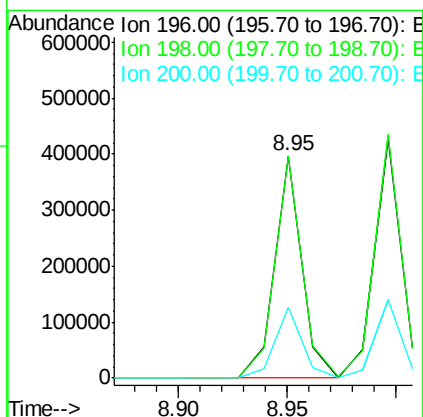
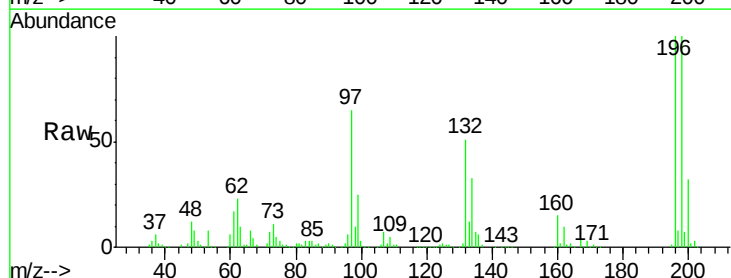
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 323521
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.4 116.2
 141 35.1 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 38.14 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Tgt Ion:196 Resp: 350655
 Ion Ratio Lower Upper
 196 100
 198 99.7 82.1 123.1
 200 31.8 27.0 40.4

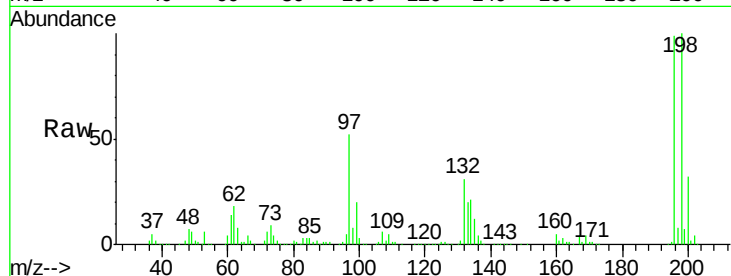




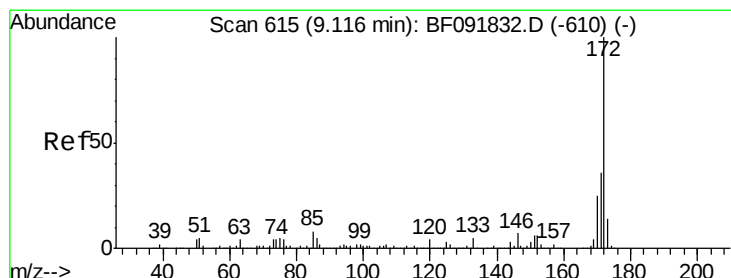
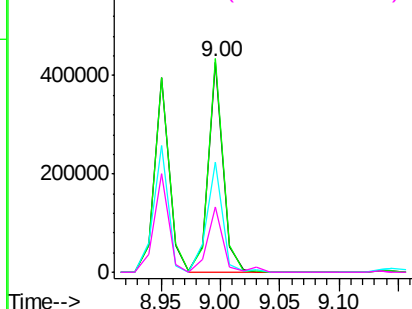
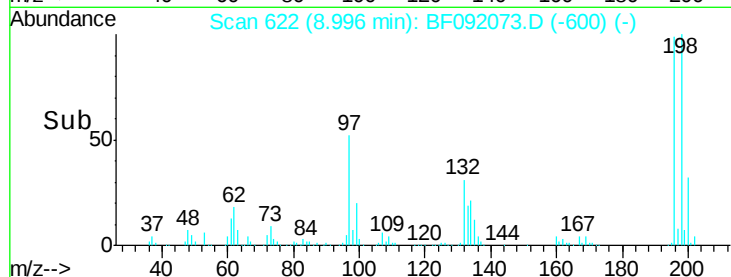
#43
 2,4,5-Trichlorophenol
 Concen: 39.23 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.05 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 371220
 Ion Ratio Lower Upper
 196 100
 198 101.5 79.4 119.2
 97 52.5 51.5 77.3
 132 31.2 27.4 41.2

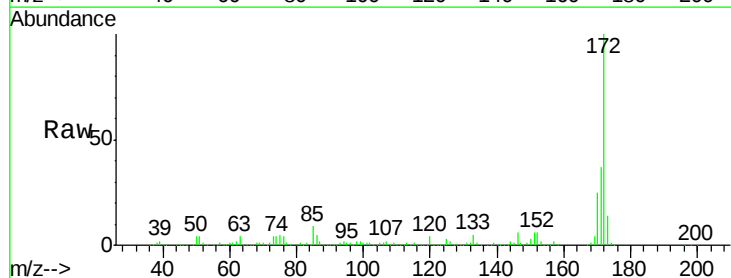


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

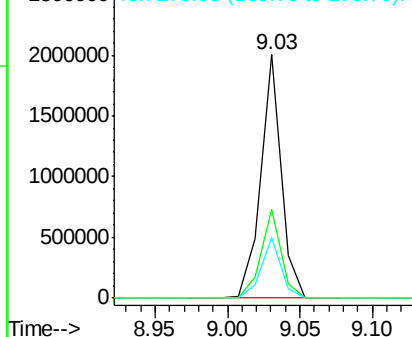
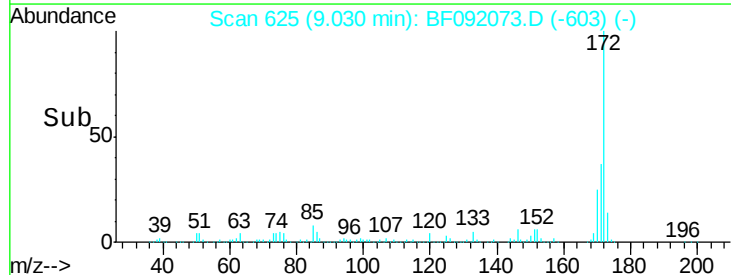


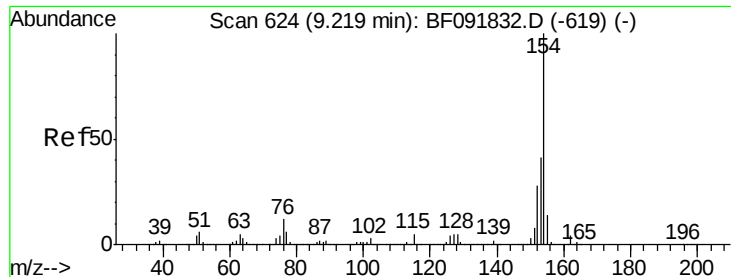
#44
 2-Fluorobiphenyl
 Concen: 76.28 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Tgt Ion:172 Resp: 1971034
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.9 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

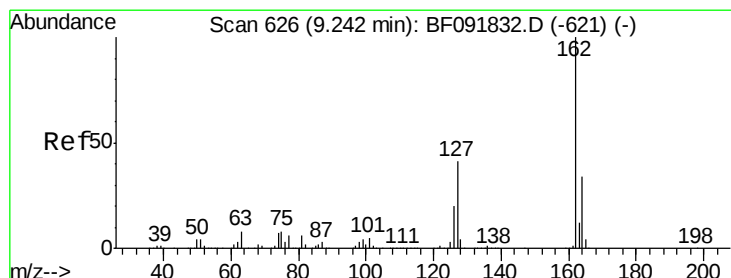
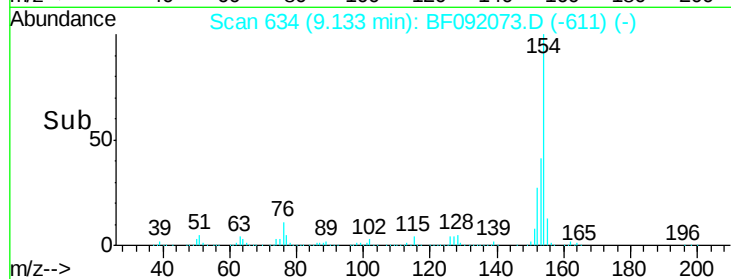
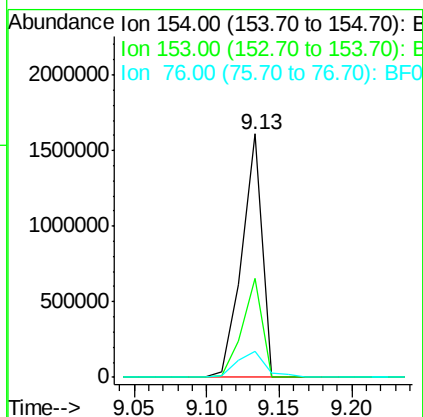
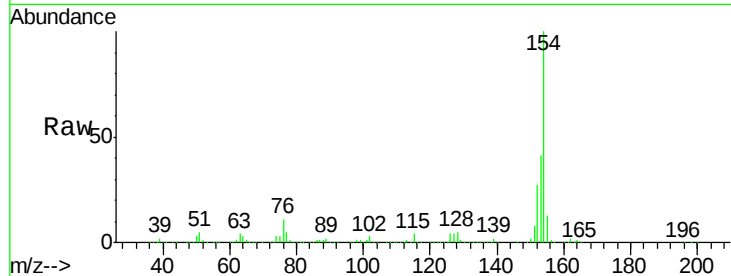




#45
1,1'-Biphenyl
Concen: 43.56 ng
RT: 9.13 min Scan# 634
Delta R.T. -0.04 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

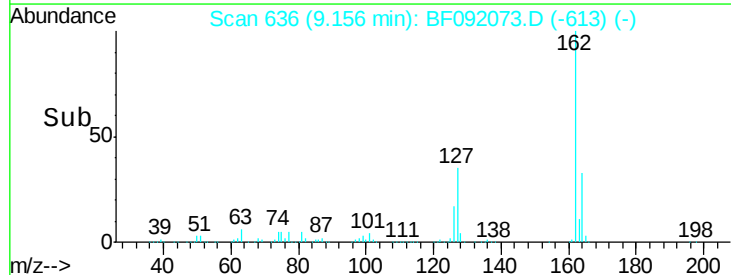
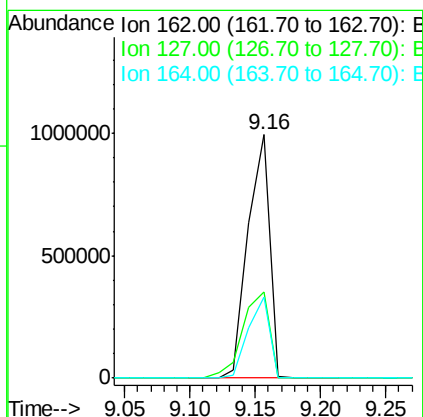
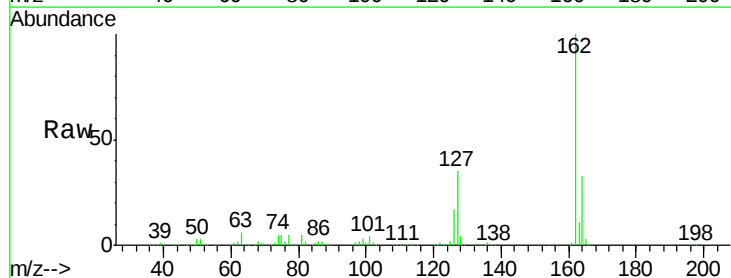
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

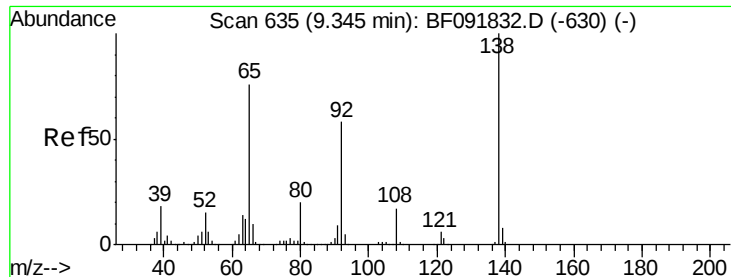
Tgt Ion:154 Resp: 1552255
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 10.6 0.0 30.5



#46
2-Chloronaphthalene
Concen: 40.68 ng
RT: 9.16 min Scan# 636
Delta R.T. -0.04 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion:162 Resp: 1147810
Ion Ratio Lower Upper
162 100
127 35.2 30.7 46.1
164 33.3 27.6 41.4





#47

2-Nitroaniline

Concen: 44.08 ng

RT: 9.26 min Scan# 645

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

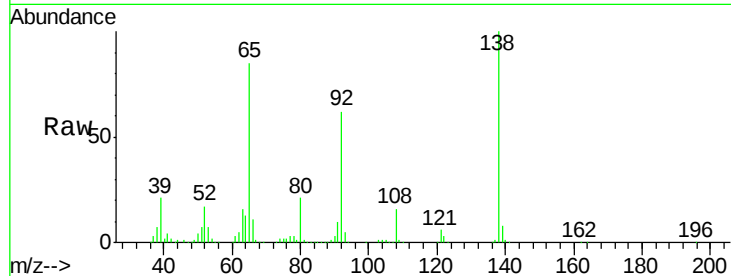
Tgt Ion: 65 Resp: 442905

Ion Ratio Lower Upper

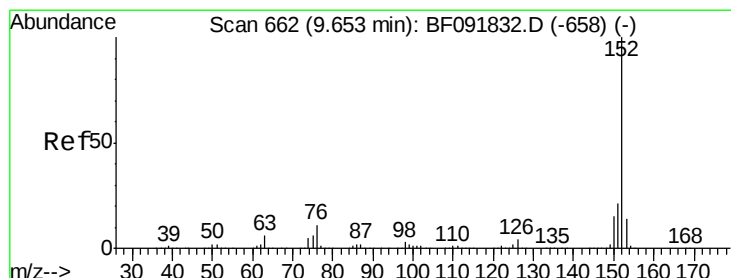
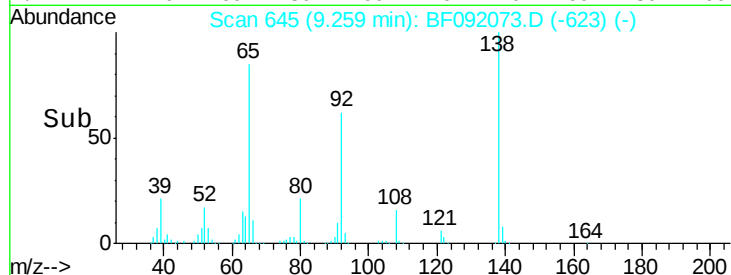
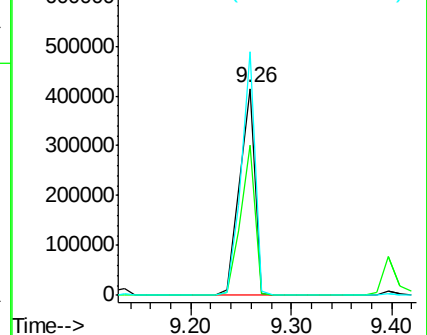
65 100

92 72.9 53.9 80.9

138 117.8 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: 40.84 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

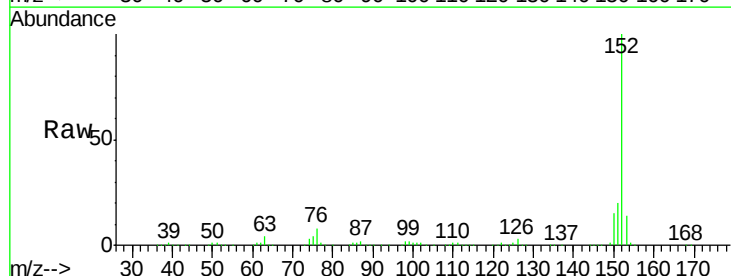
Tgt Ion: 152 Resp: 1772299

Ion Ratio Lower Upper

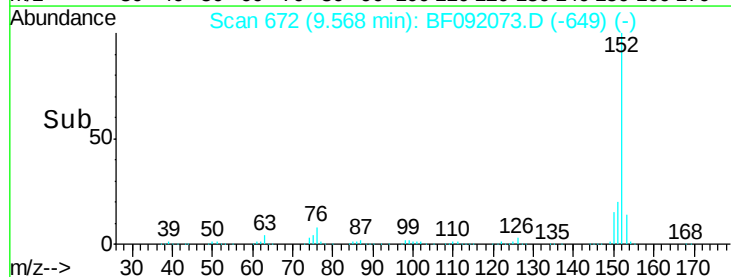
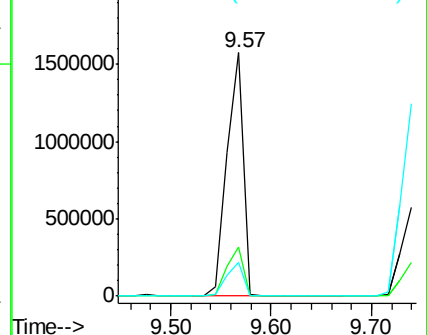
152 100

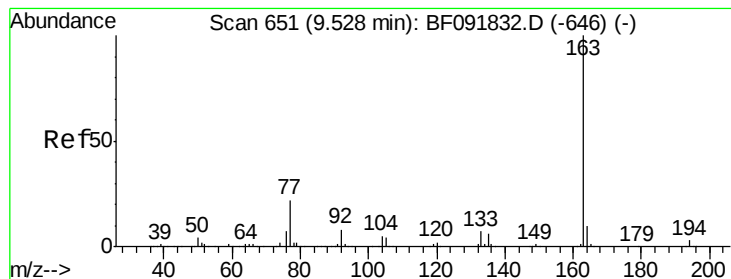
151 20.2 16.9 25.3

153 13.8 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: 39.78 ng

RT: 9.44 min Scan# 661

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

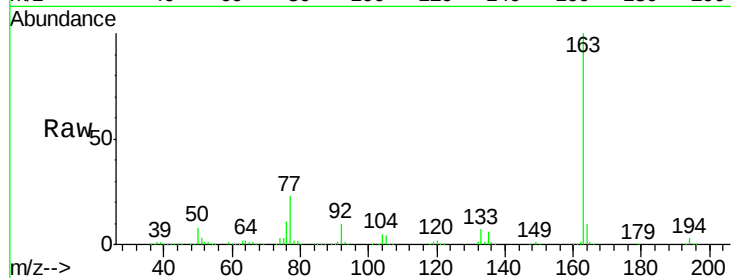
Tgt Ion:163 Resp: 1323882

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

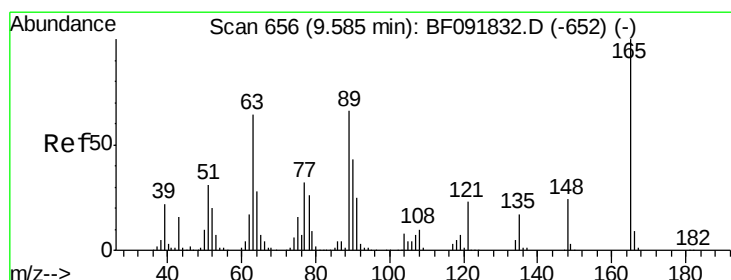
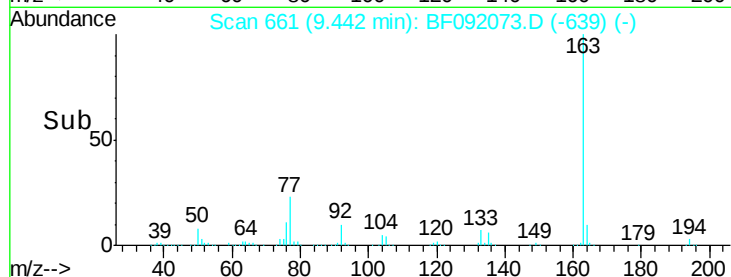
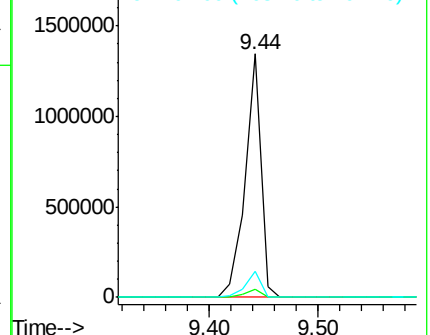
164 10.5 8.0 12.0



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: 37.30 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

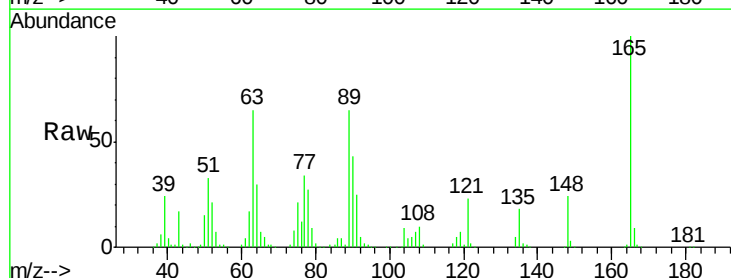
Tgt Ion:165 Resp: 271740

Ion Ratio Lower Upper

165 100

63 65.0 36.2 54.4#

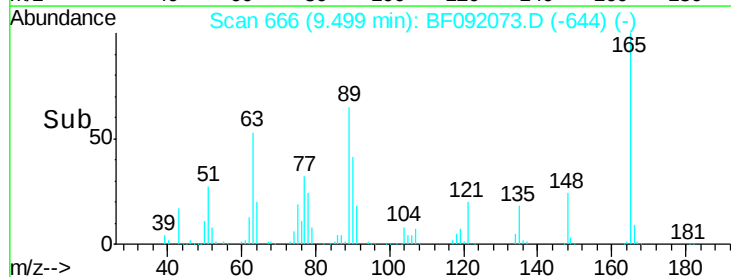
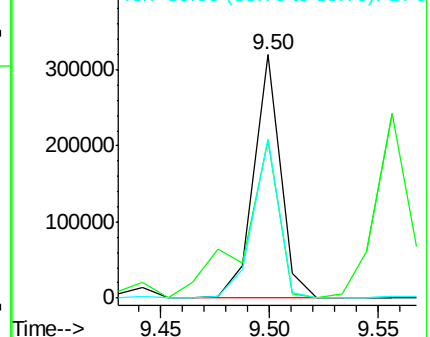
89 65.4 40.2 60.4#

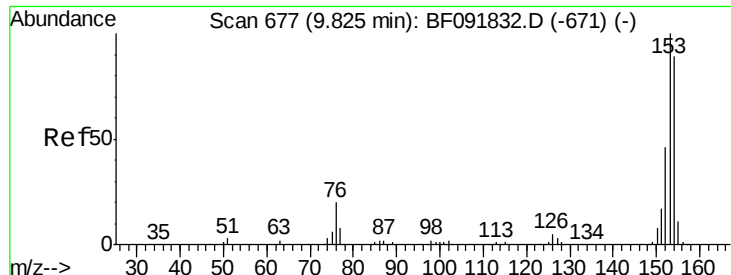


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

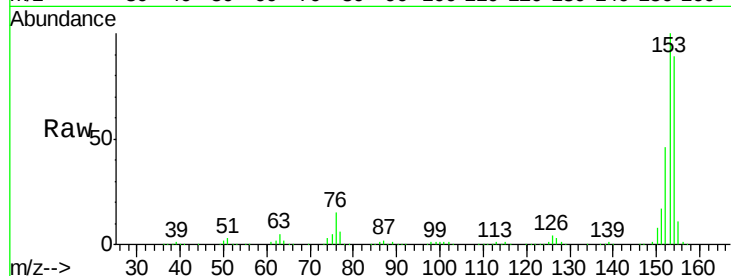




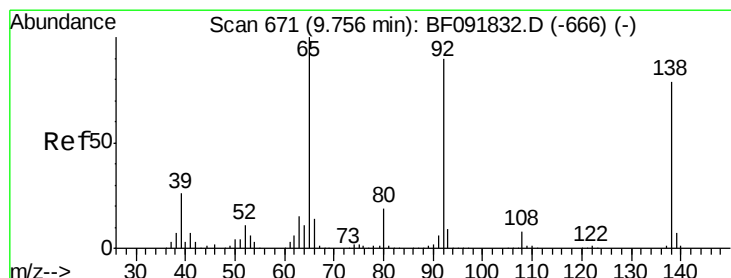
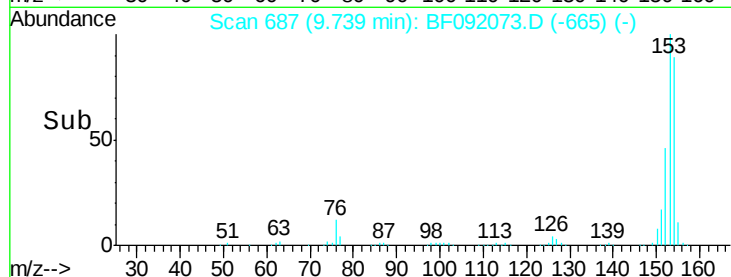
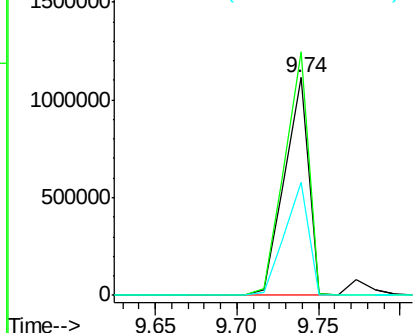
#51
Acenaphthene
Concen: 39.19 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 1153112
Ion Ratio Lower Upper
154 100
153 111.9 88.6 133.0
152 51.8 41.6 62.4

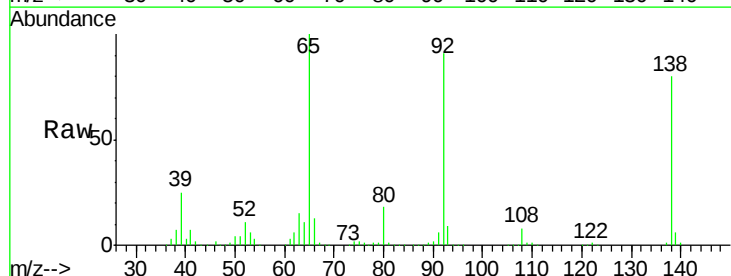


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

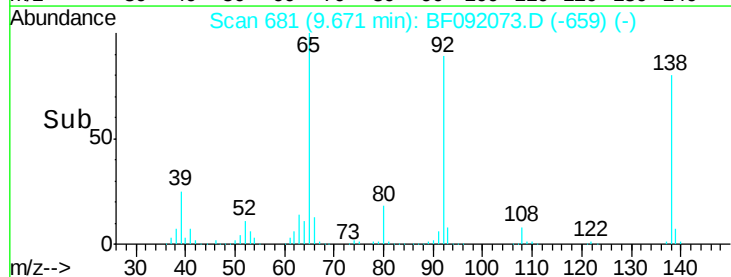
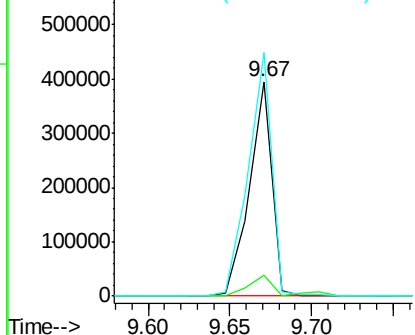


#52
3-Nitroaniline
Concen: 41.97 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion:138 Resp: 378355
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 113.5 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

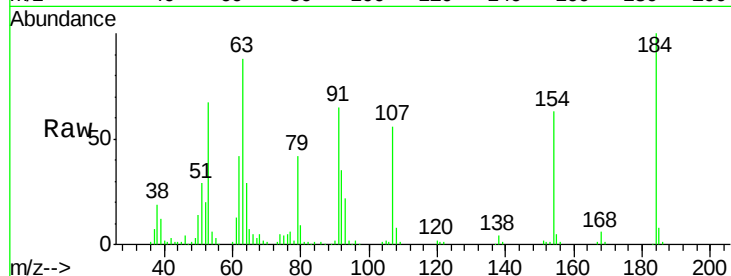




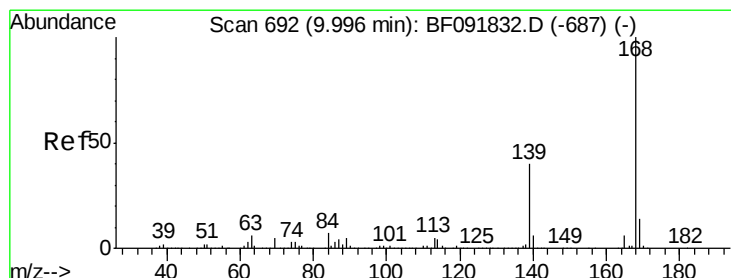
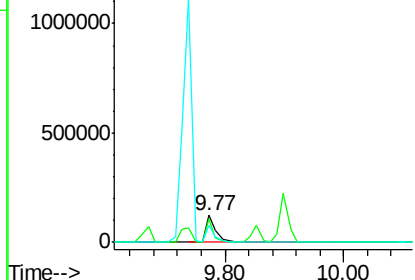
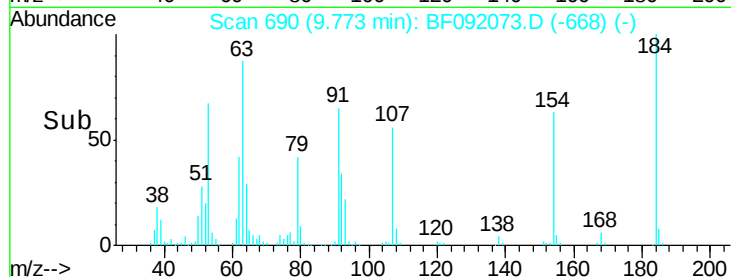
#53
2,4-Dinitrophenol
Concen: 37.72 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 152906
Ion Ratio Lower Upper
184 100
63 87.6 28.4 42.6#
154 63.2 44.3 66.5

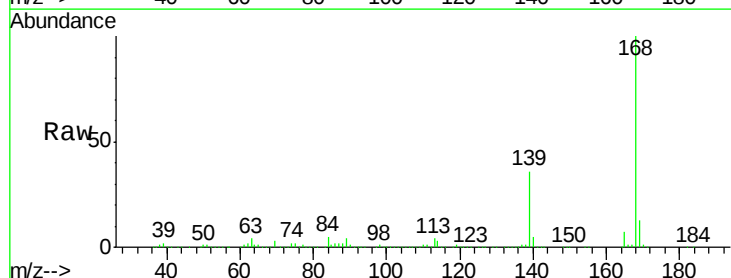


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

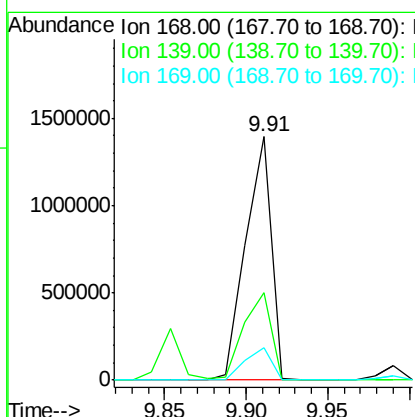
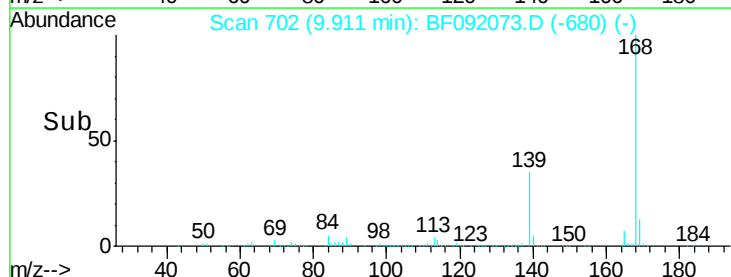


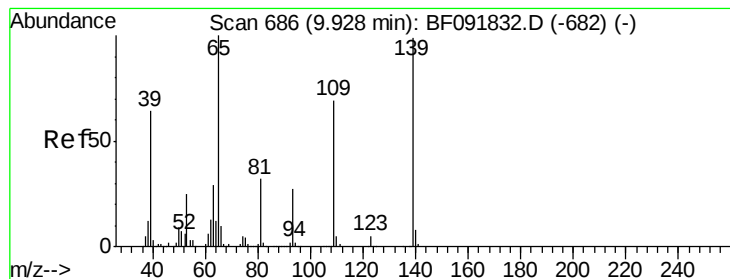
#54
Dibenzofuran
Concen: 38.15 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion:168 Resp: 1515697
Ion Ratio Lower Upper
168 100
139 35.8 32.6 49.0
169 13.2 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: 42.88 ng

RT: 9.85 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

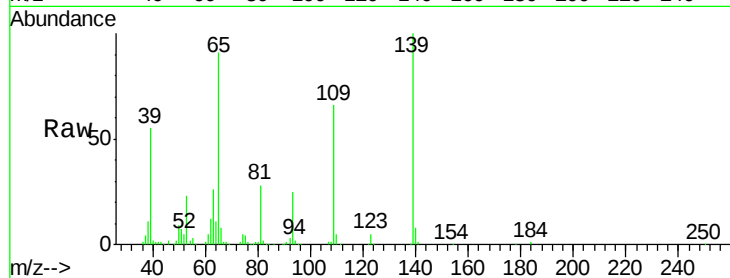
Tgt Ion:139 Resp: 262491

Ion Ratio Lower Upper

139 100

109 65.7 52.2 92.2

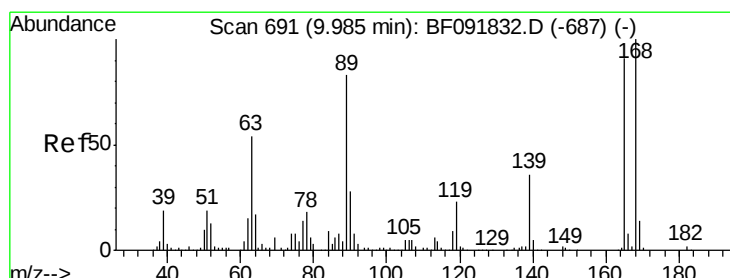
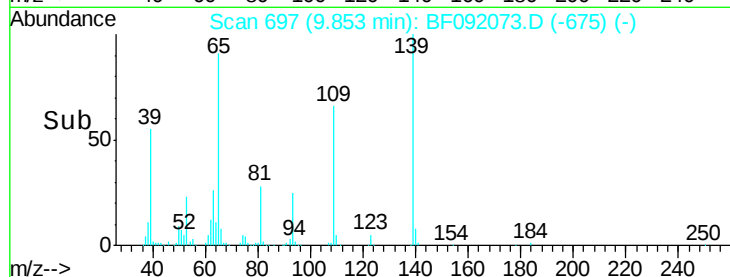
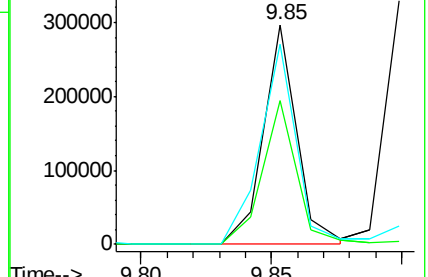
65 91.1 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 34.69 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Tgt Ion:165 Resp: 317227

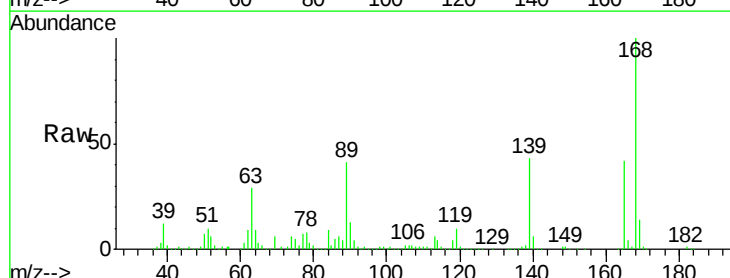
Ion Ratio Lower Upper

165 100

63 69.9 40.2 60.4#

89 97.7 62.5 93.7#

182 2.0 1.8 2.8

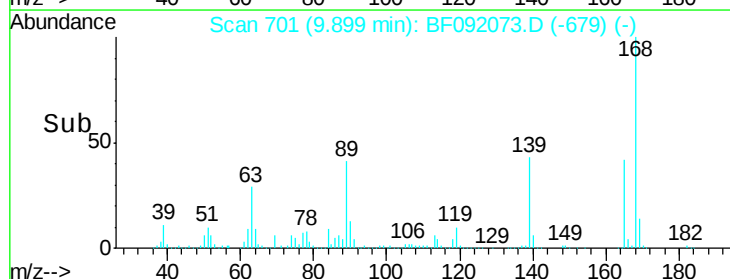
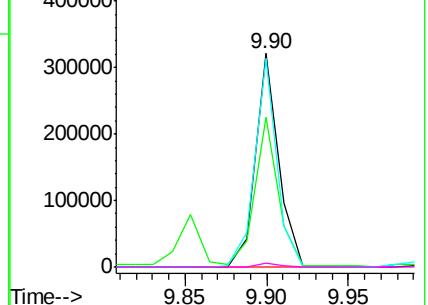


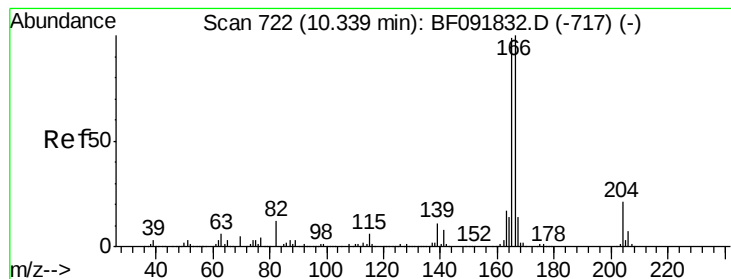
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.23 ng

RT: 10.25 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

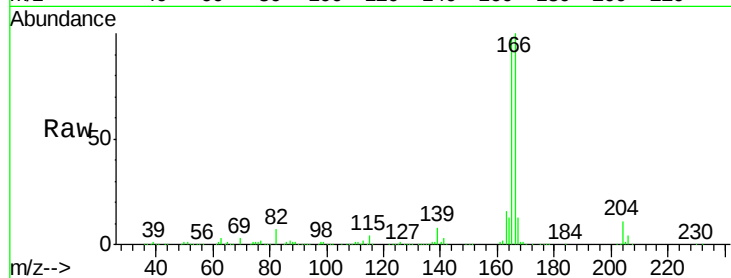
Tgt Ion:166 Resp: 1134172

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

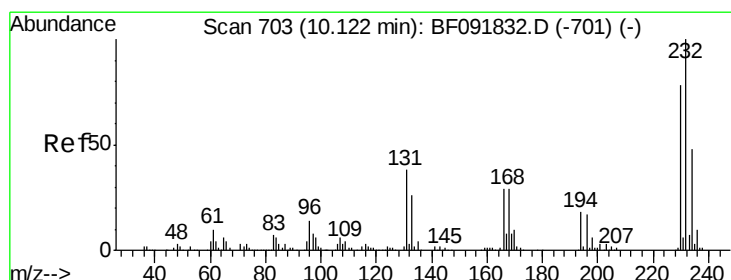
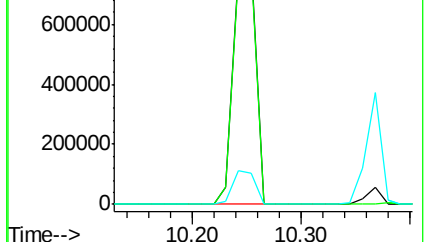
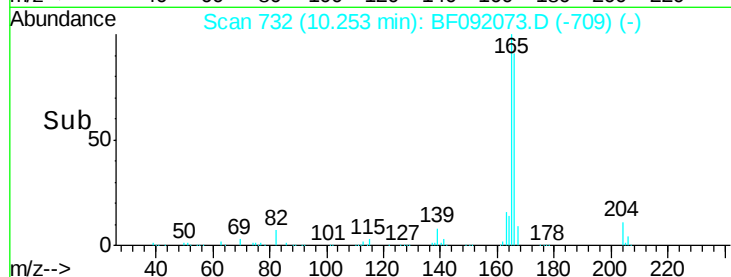
167 12.9 10.8 16.2



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: 40.36 ng

RT: 10.04 min Scan# 713

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Tgt Ion:232 Resp: 302040

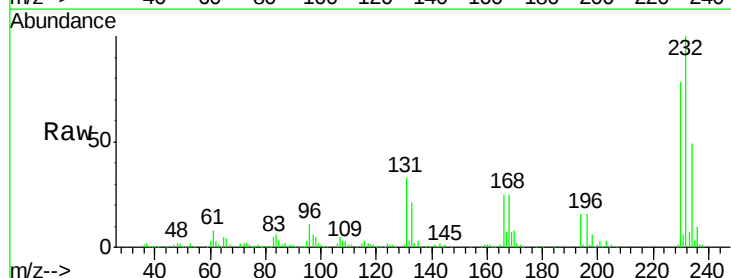
Ion Ratio Lower Upper

232 100

131 46.4 40.1 60.1

130 2.0 1.8 2.8

166 31.0 26.6 39.8

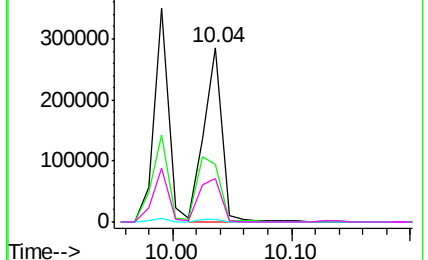
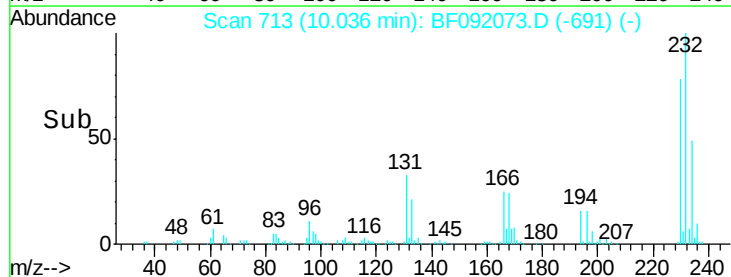


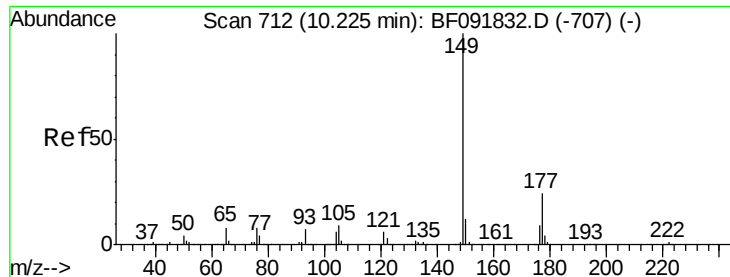
Abundance Ion 232.00 (231.70 to 232.70): E

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

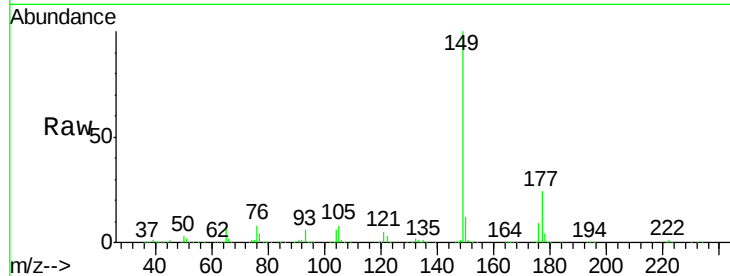




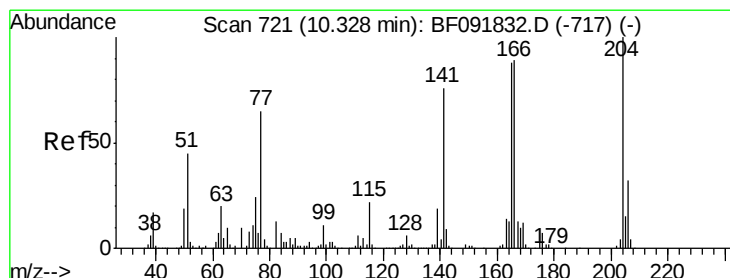
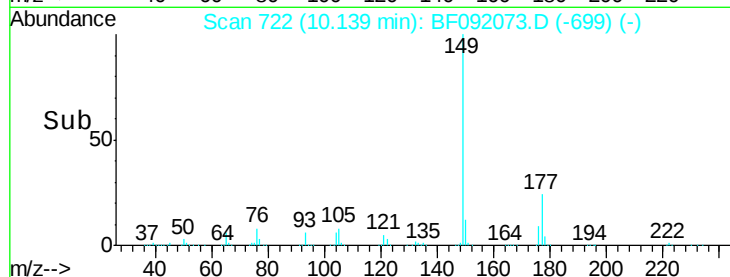
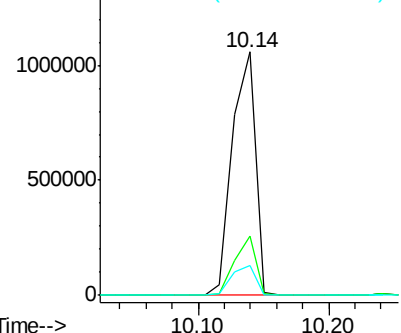
#59
Diethylphthalate
Concen: 40.44 ng
RT: 10.14 min Scan# 722
Delta R.T. -0.04 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1307141
Ion Ratio Lower Upper
149 100
177 24.1 16.6 25.0
150 12.2 10.4 15.6

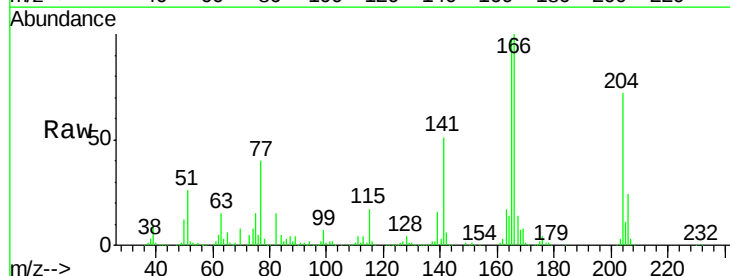


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

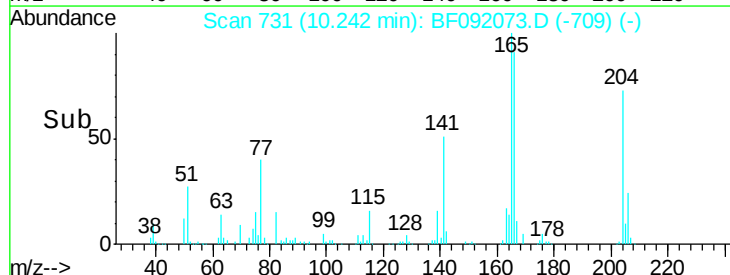
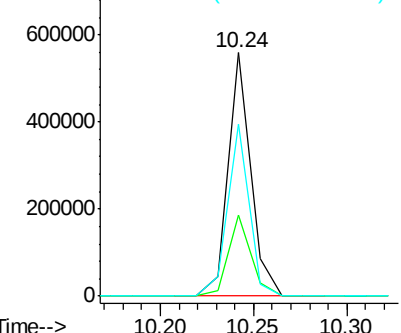


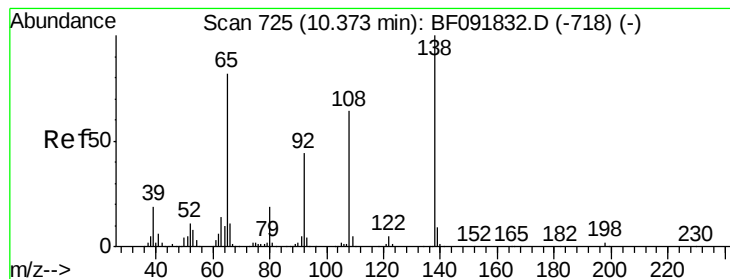
#60
4-Chlorophenyl-phenylether
Concen: 37.50 ng
RT: 10.24 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion:204 Resp: 474668
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 70.8 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: 40.65 ng

RT: 10.28 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

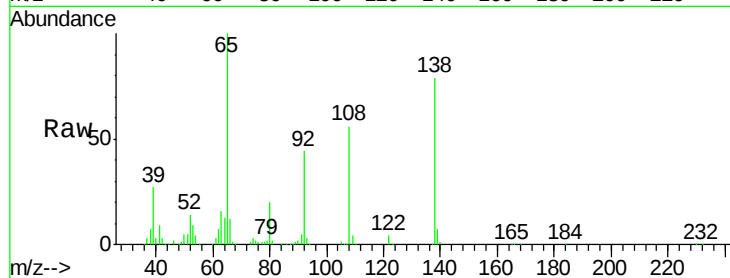
Tgt Ion:138 Resp: 379779

Ion Ratio Lower Upper

138 100

92 55.1 31.7 71.7

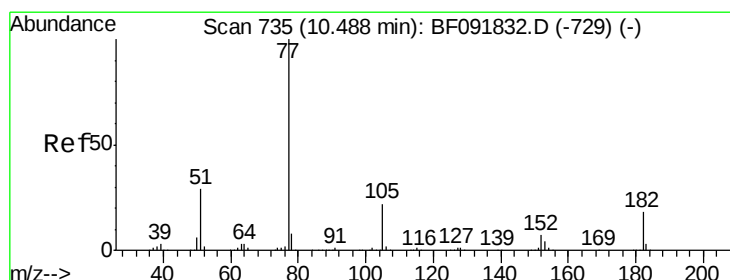
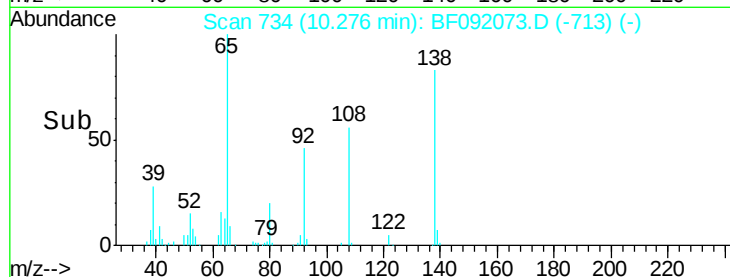
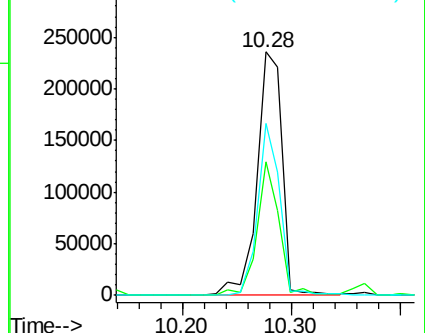
108 70.9 52.6 92.6



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: 35.68 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Tgt Ion: 77 Resp: 1269922

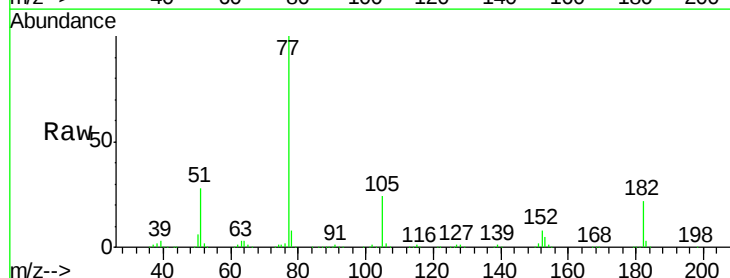
Ion Ratio Lower Upper

77 100

182 21.5 0.0 39.3

105 23.5 2.3 42.3

51 28.2 8.9 48.9

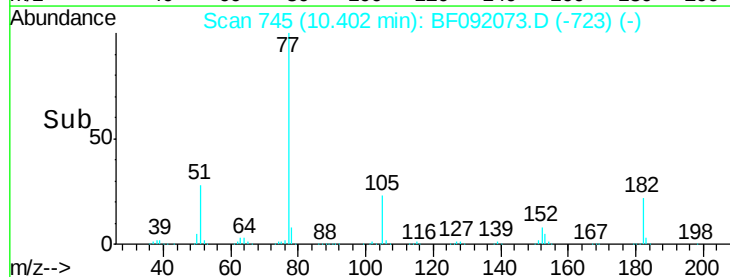
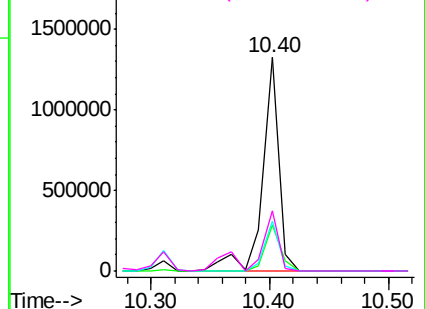


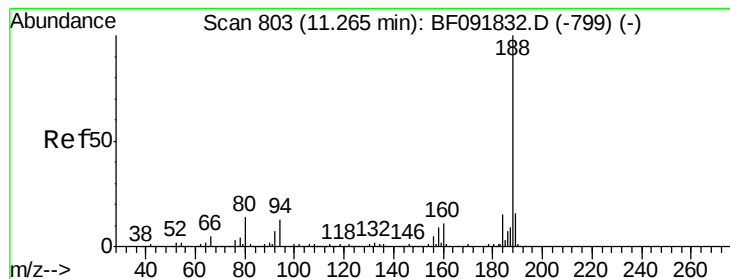
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.18 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

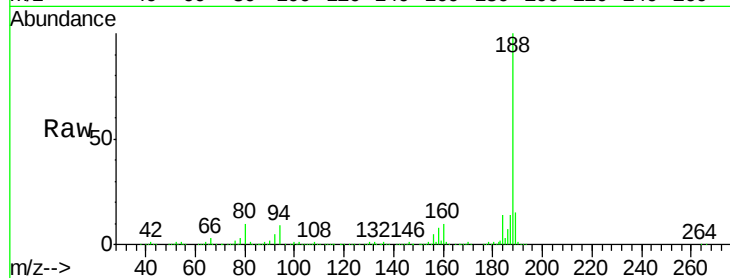
Tgt Ion:188 Resp: 739420

Ion Ratio Lower Upper

188 100

94 8.9 10.0 15.0#

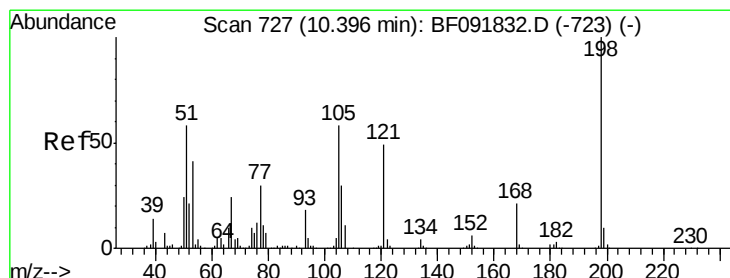
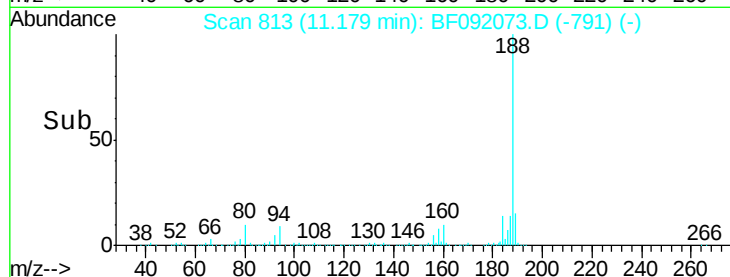
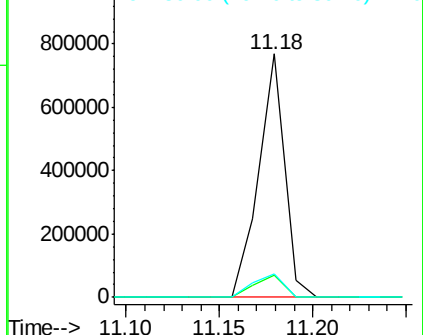
80 9.8 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 48.30 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

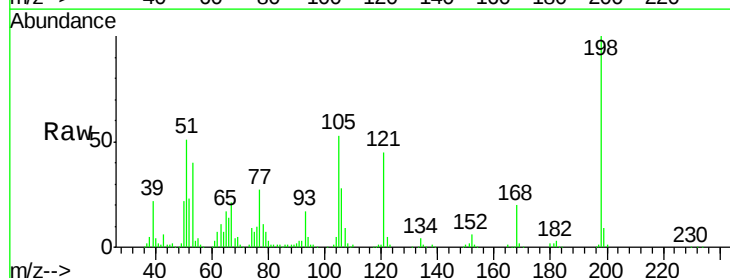
Tgt Ion:198 Resp: 215950

Ion Ratio Lower Upper

198 100

51 50.6 6.7 46.7#

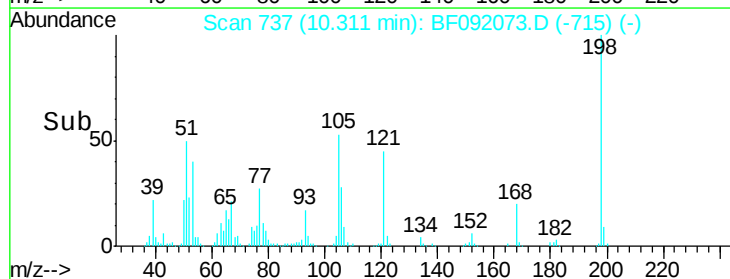
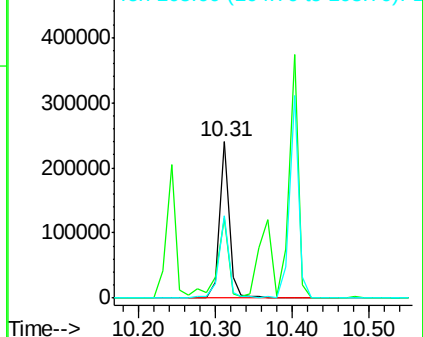
105 52.7 16.6 56.6

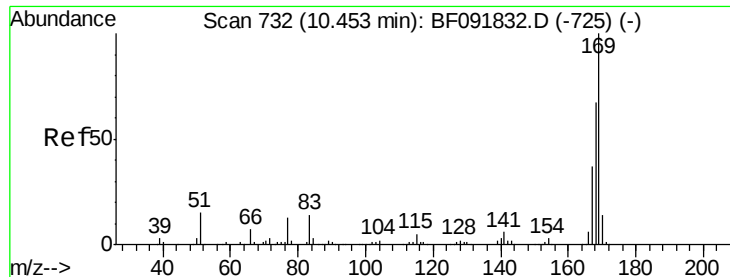


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.72 ng

RT: 10.37 min Scan# 742

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

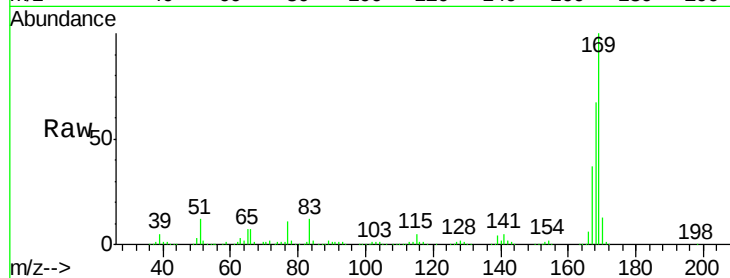
Tgt Ion:169 Resp: 937286

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

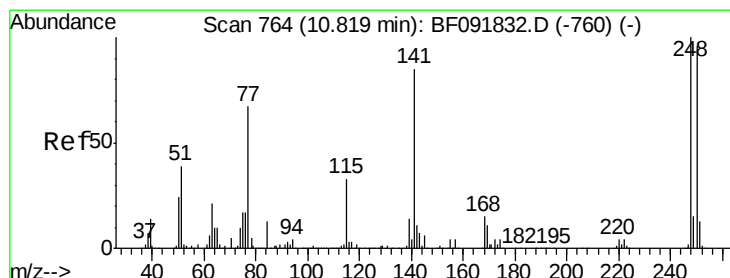
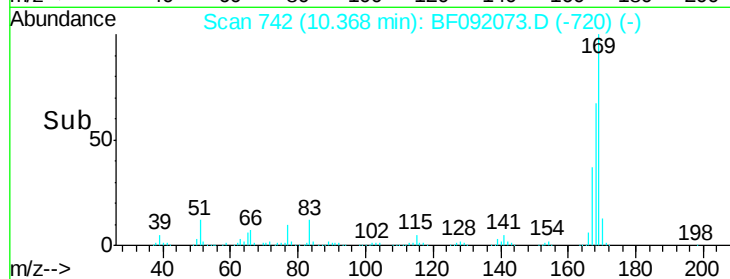
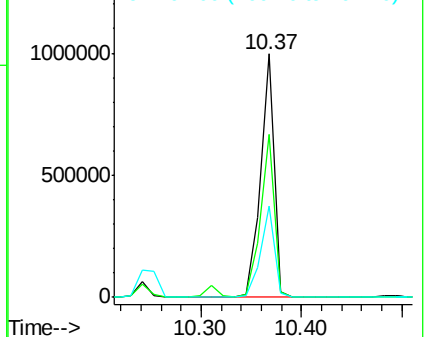
167 37.3 30.2 45.4



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: 42.26 ng

RT: 10.73 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

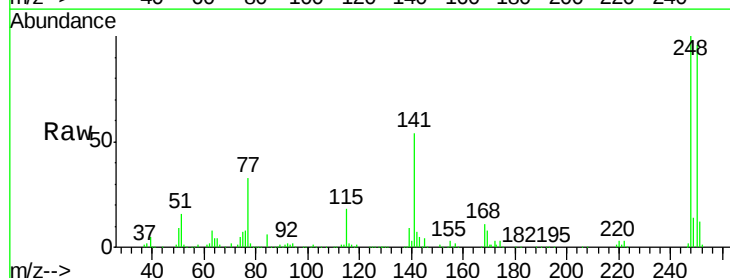
Tgt Ion:248 Resp: 325066

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

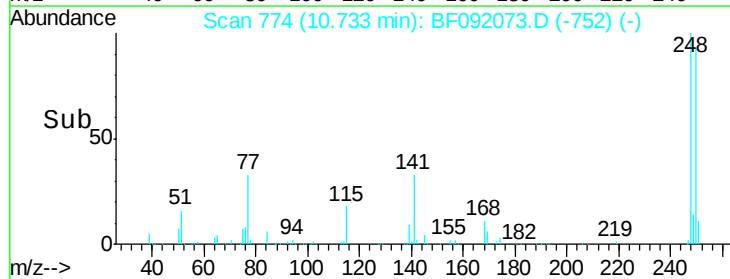
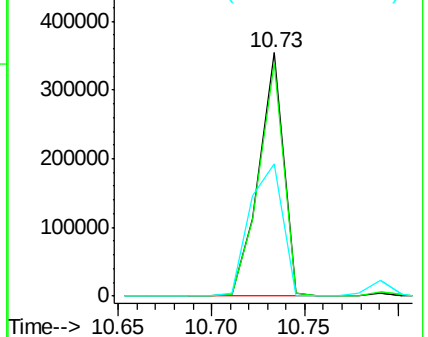
141 54.4 68.2 102.4#

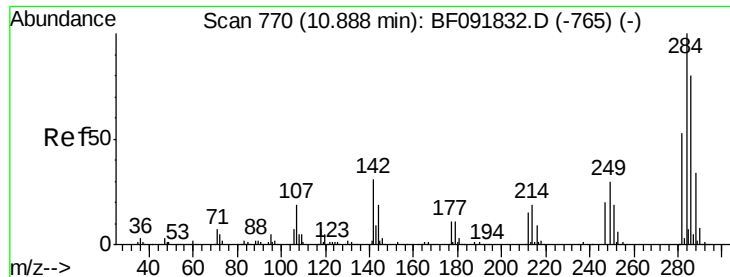


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

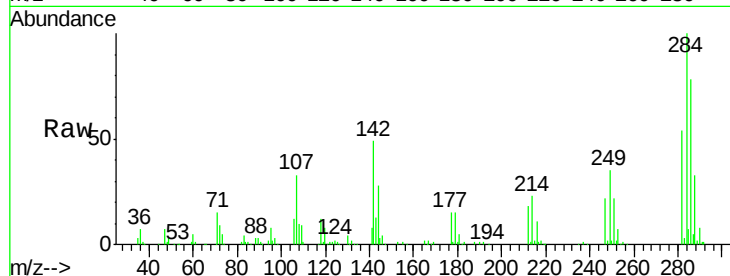




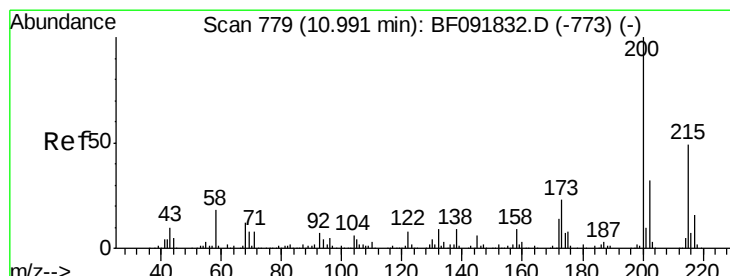
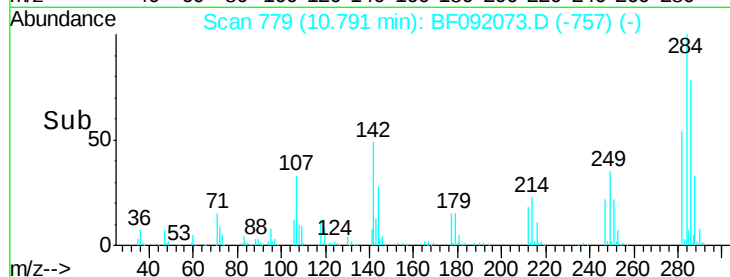
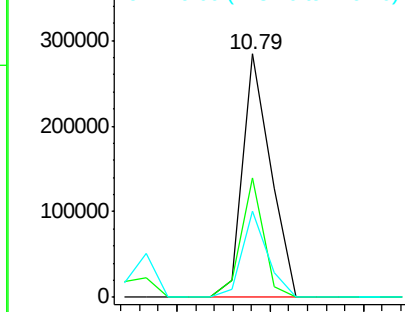
#67
Hexachlorobenzene
Concen: 36.13 ng
RT: 10.79 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 284 Resp: 297003
Ion Ratio Lower Upper
284 100
142 49.2 22.6 33.8#
249 35.2 25.4 38.0

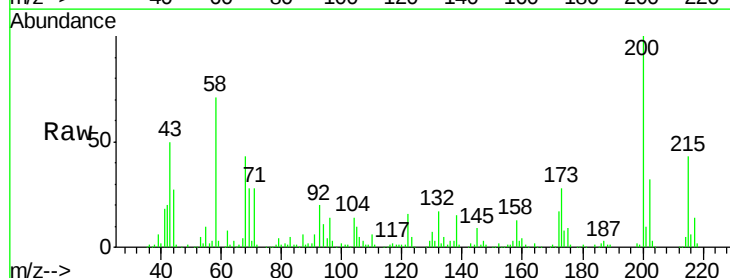


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

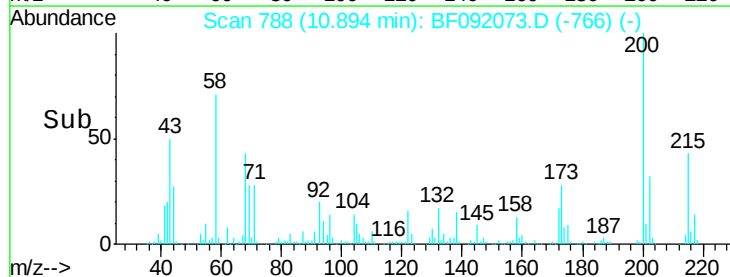
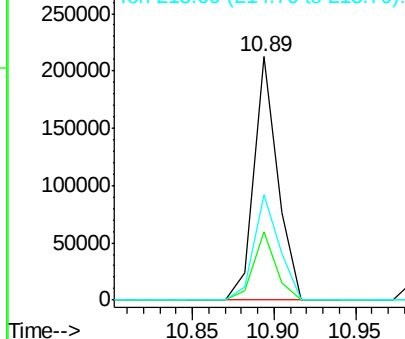


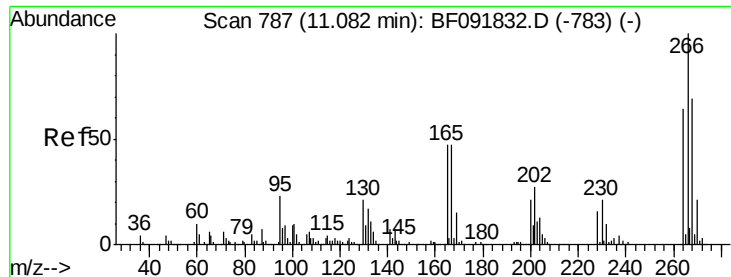
#68
Atrazine
Concen: 30.43 ng
RT: 10.89 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion: 200 Resp: 215384
Ion Ratio Lower Upper
200 100
173 28.2 9.6 49.6
215 43.4 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

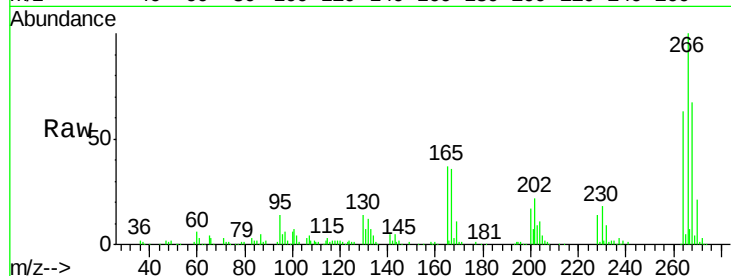




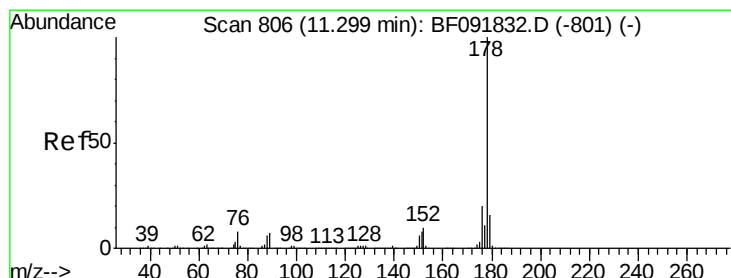
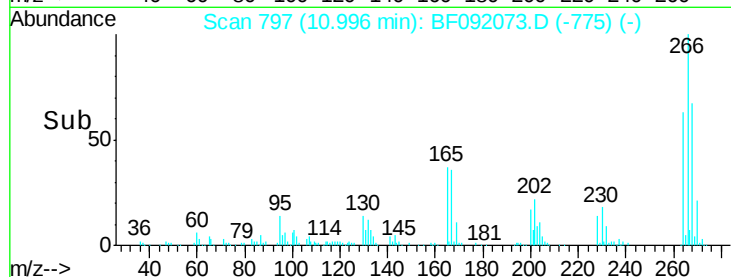
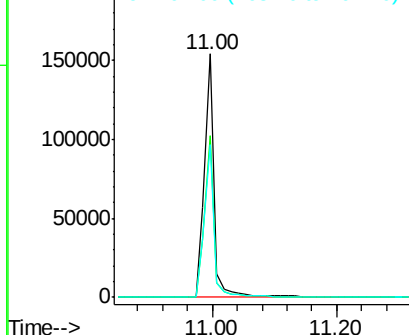
#69
 Pentachlorophenol
 Concen: 42.31 ng
 RT: 11.00 min Scan# 797
 Delta R.T. -0.05 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 170697
 Ion Ratio Lower Upper
 266 100
 268 66.7 53.3 79.9
 264 62.8 50.3 75.5

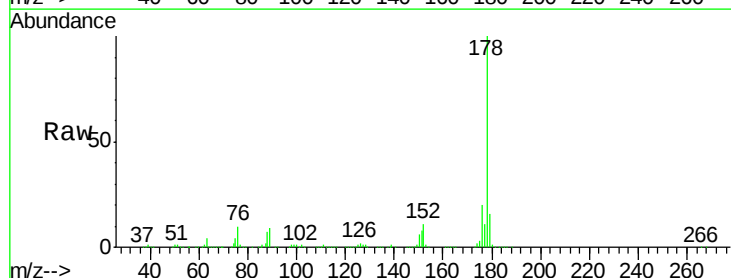


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

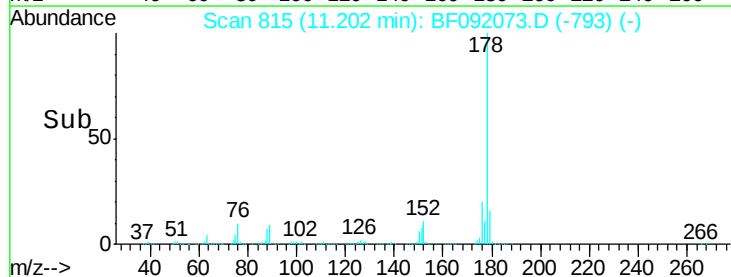
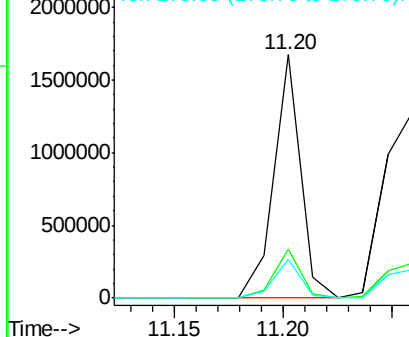


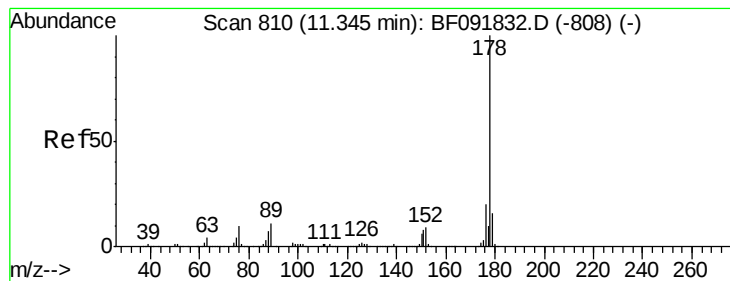
#70
 Phenanthrene
 Concen: 36.26 ng
 RT: 11.20 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Tgt Ion:178 Resp: 1453954
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 16.0 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: 45.15 ng

RT: 11.26 min Scan# 820

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

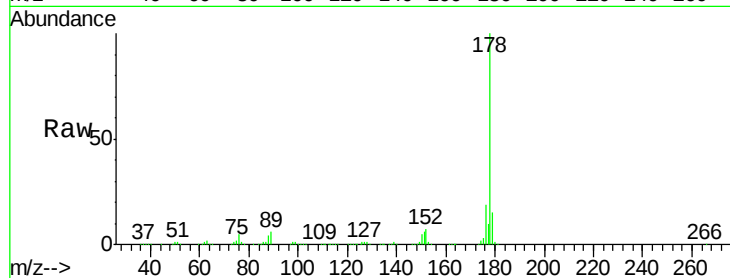
Tgt Ion:178 Resp: 1603429

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

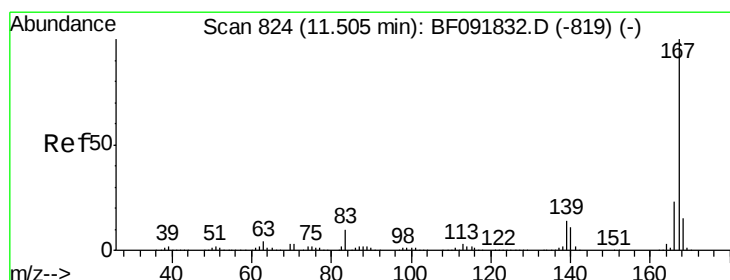
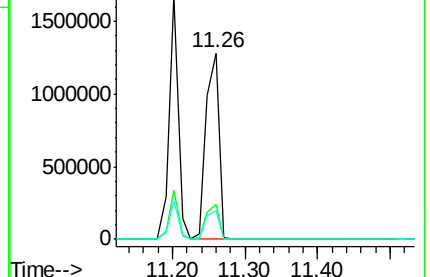
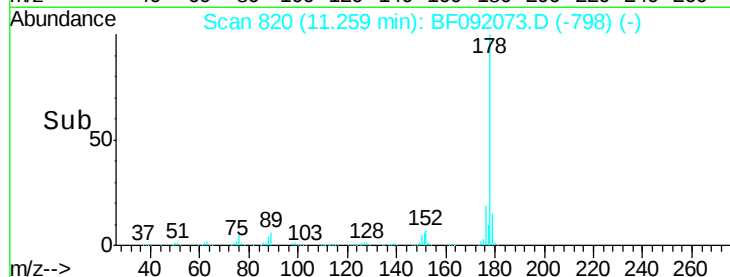
179 15.4 13.2 19.8



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: 48.08 ng

RT: 11.42 min Scan# 834

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

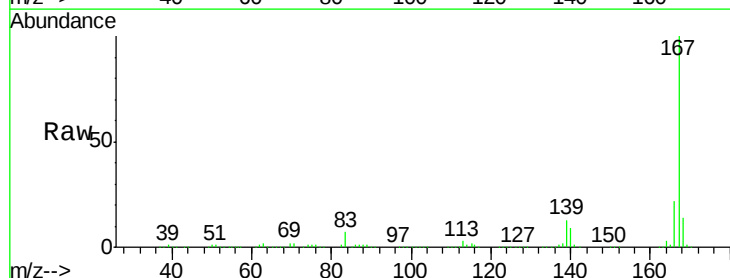
Tgt Ion:167 Resp: 1539141

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

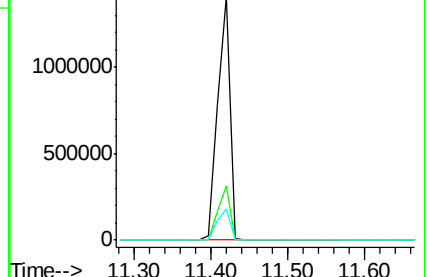
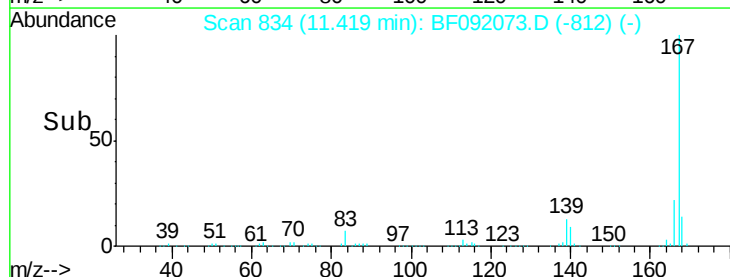
139 12.7 11.4 17.2

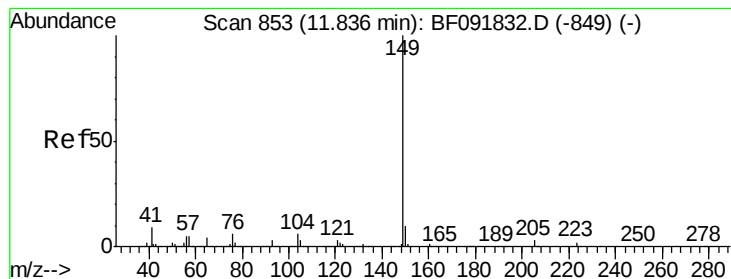


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.06 ng

RT: 11.75 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

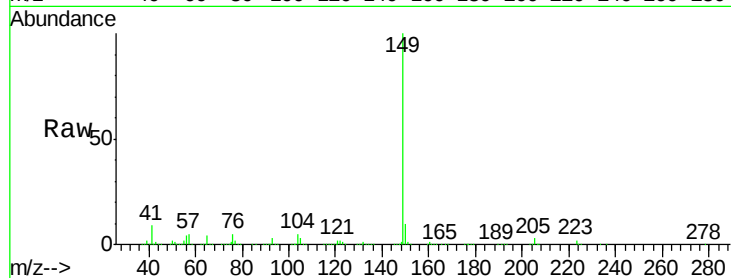
Tgt Ion:149 Resp: 1642638

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

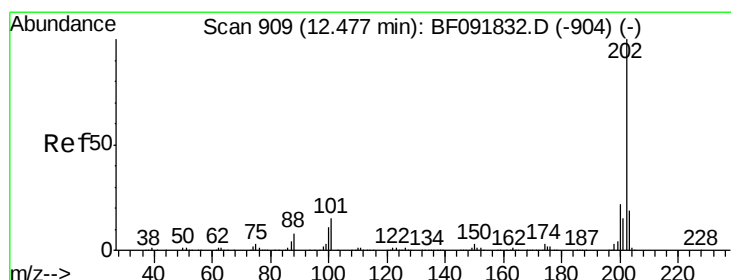
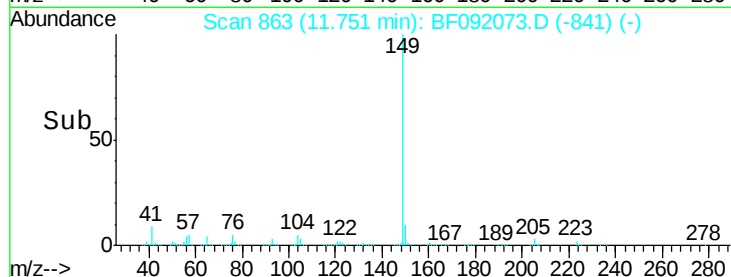
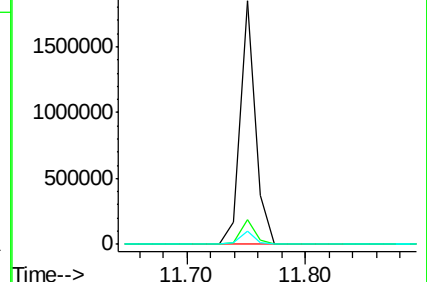
104 5.4 4.6 7.0



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: 44.41 ng

RT: 12.38 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

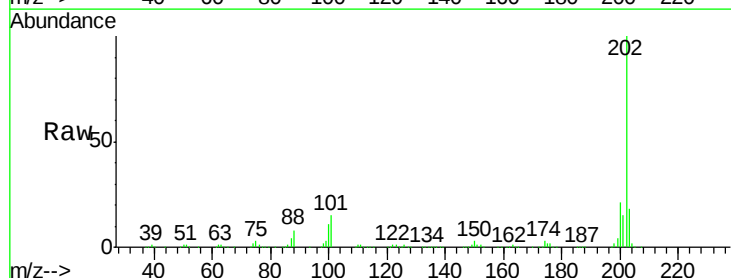
Tgt Ion:202 Resp: 1564068

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

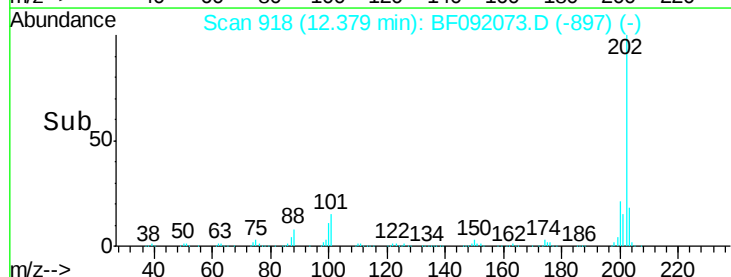
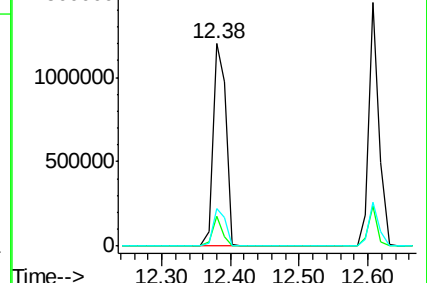
203 18.5 0.0 38.7

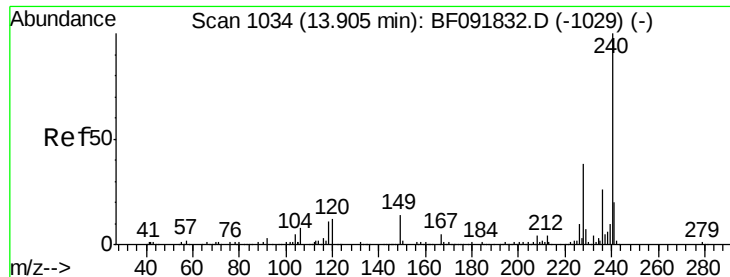


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.81 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

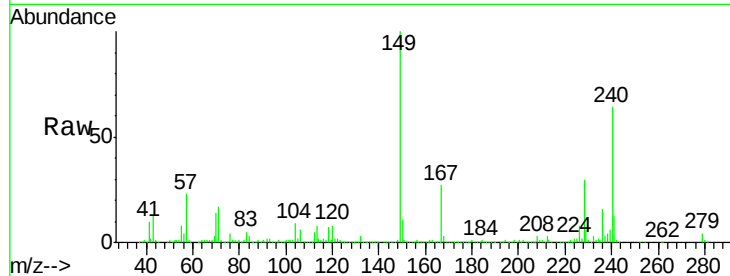
Tgt Ion:240 Resp: 521529

Ion Ratio Lower Upper

240 100

120 12.9 12.9 19.3

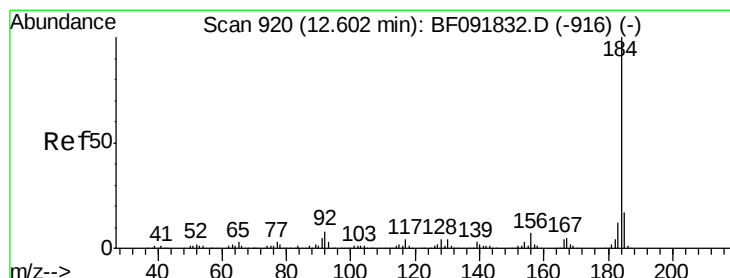
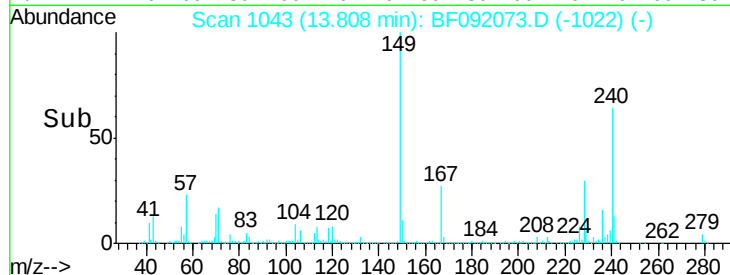
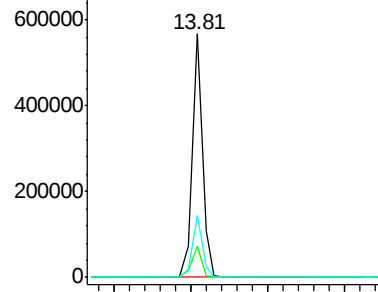
236 25.6 20.9 31.3



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: 46.16 ng

RT: 12.52 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

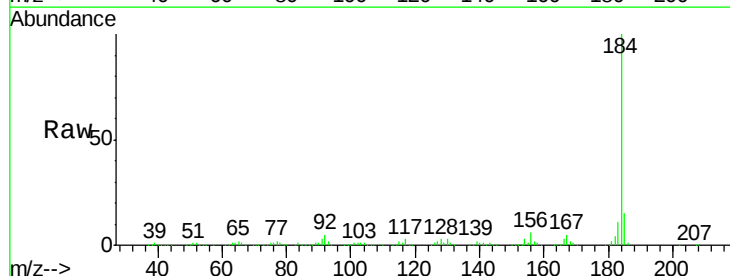
Tgt Ion:184 Resp: 609148

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.0

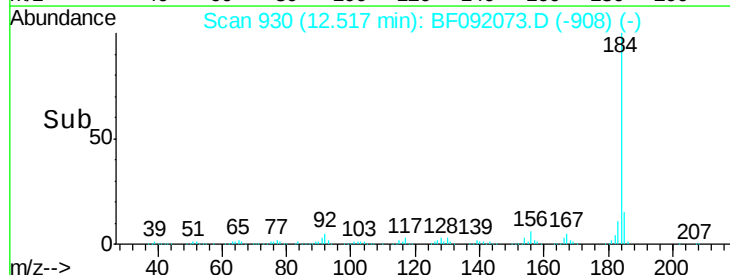
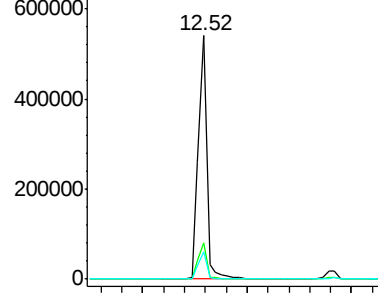
183 11.2 9.2 13.8

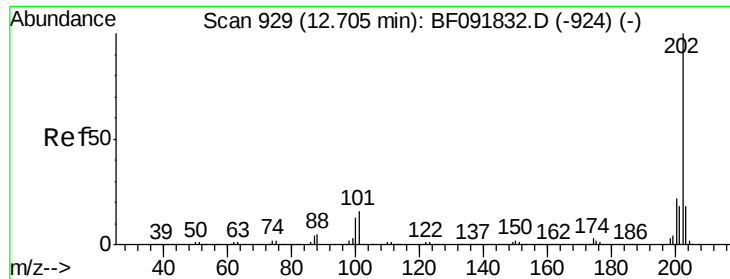


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

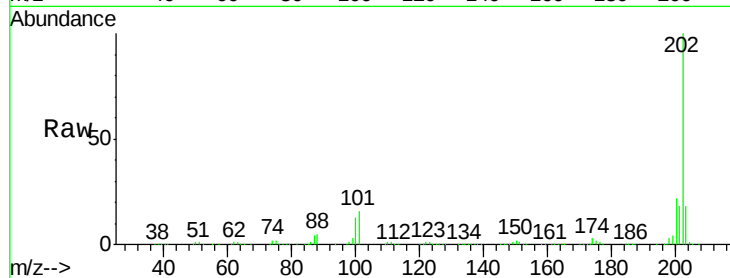




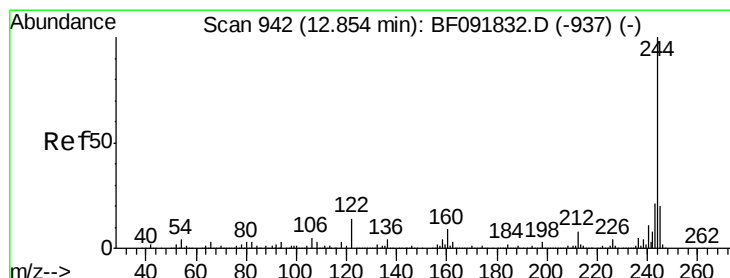
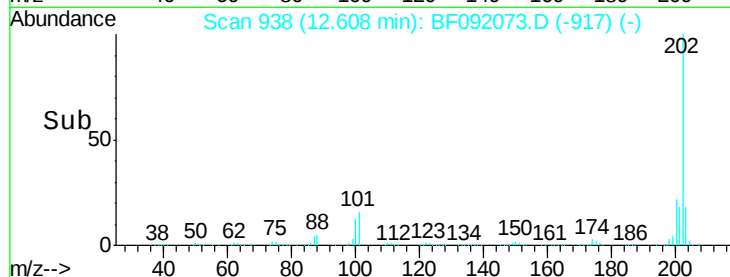
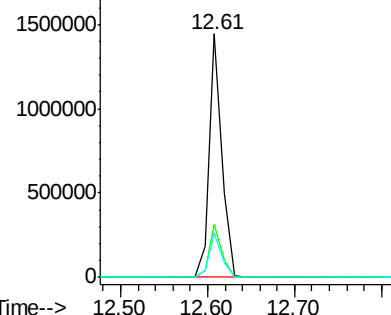
#77
 Pyrene
 Concen: 38.42 ng
 RT: 12.61 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:202 Resp: 1470059
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.7 26.5
 203 18.0 14.7 22.1

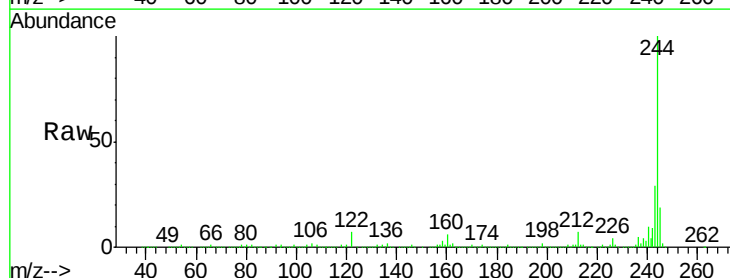


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

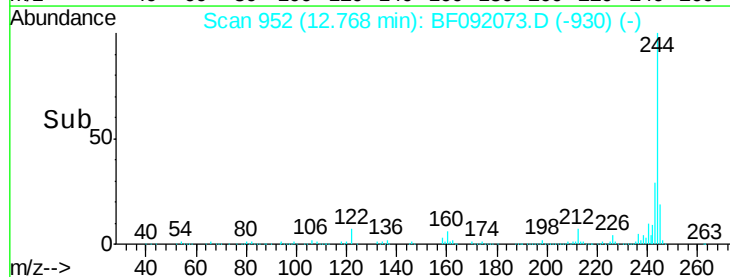
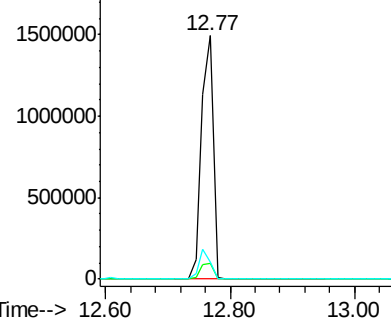


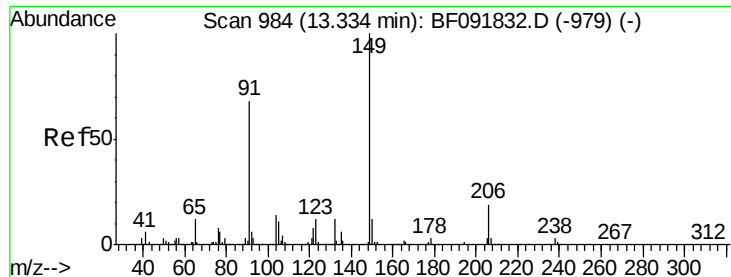
#78
 Terphenyl-d14
 Concen: 88.63 ng
 RT: 12.77 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Tgt Ion:244 Resp: 1905815
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 7.1 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

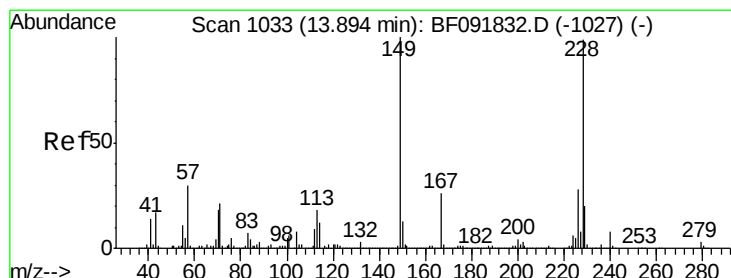
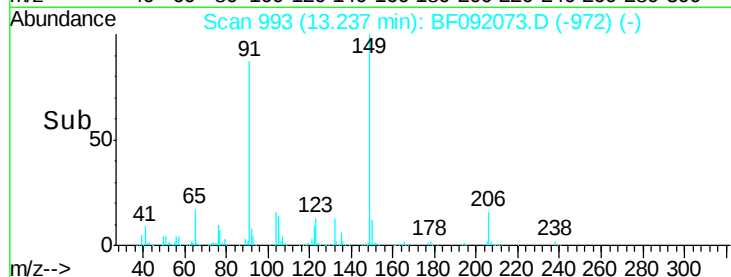
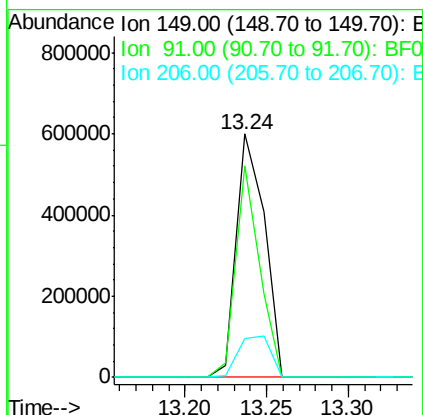
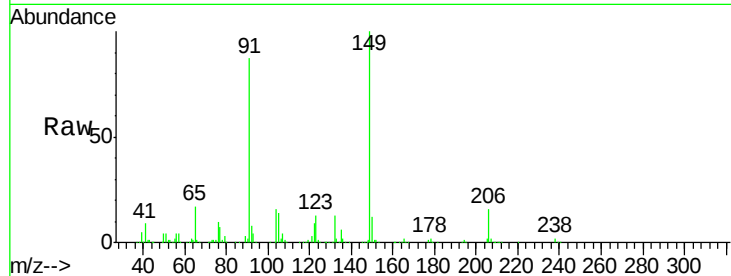




#79
Butylbenzylphthalate
Concen: 41.00 ng
RT: 13.24 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

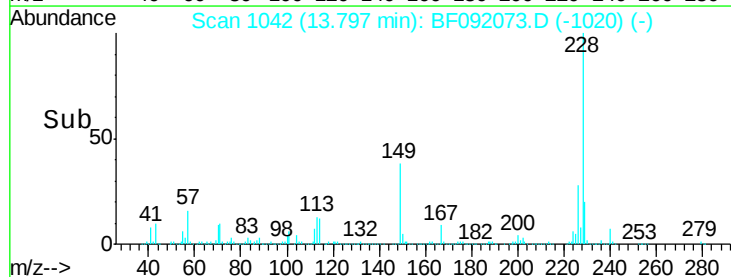
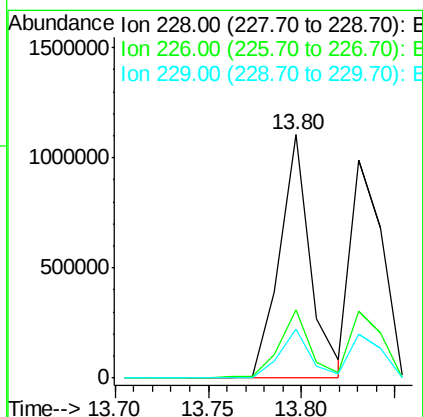
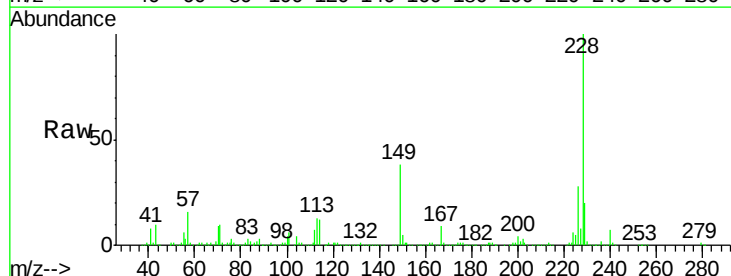
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
91	86.8	63.9	95.9
206	16.2	14.6	21.8



#80
Benzo(a)anthracene
Concen: 43.37 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.3	16.2	24.4

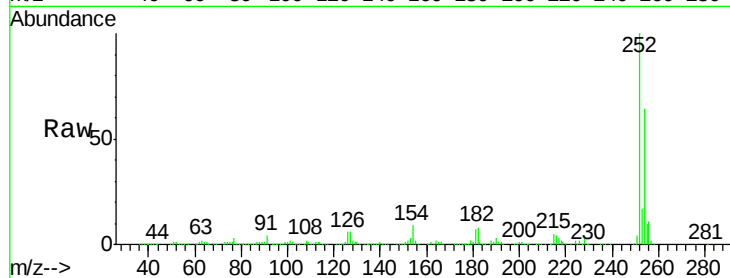




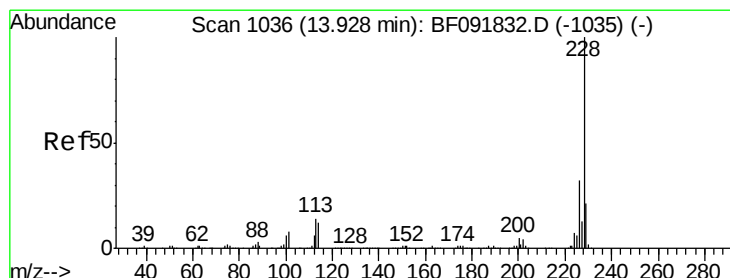
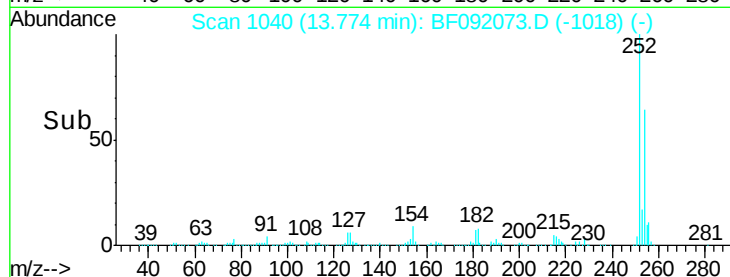
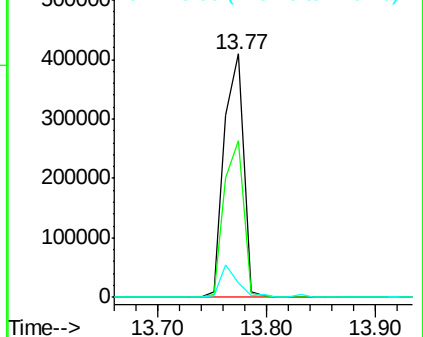
#81
 3,3'-Dichlorobenzidine
 Concen: 45.50 ng
 RT: 13.77 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 507948
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.3 78.5
 126 6.1 13.6 20.4#

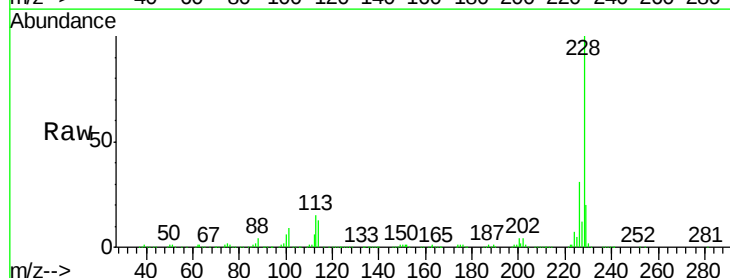


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

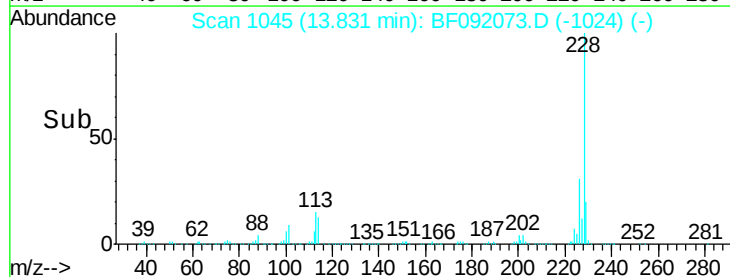
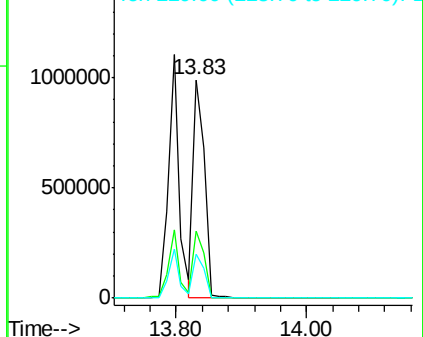


#82
 Chrysene
 Concen: 39.67 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.06 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Tgt Ion: 228 Resp: 1171473
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 20.1 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: 45.08 ng

RT: 13.81 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

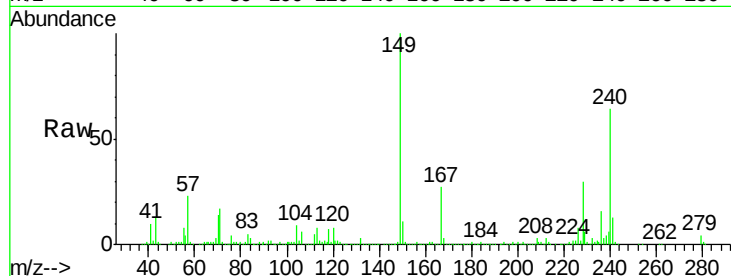
Tgt Ion:149 Resp: 923926

Ion Ratio Lower Upper

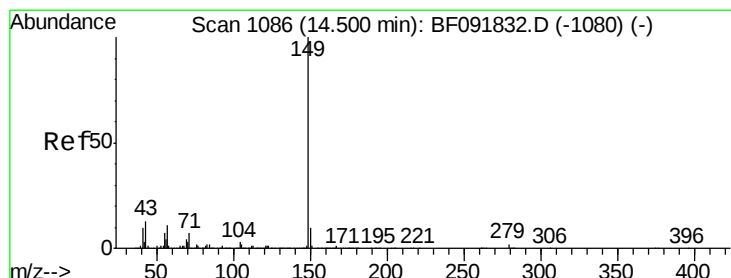
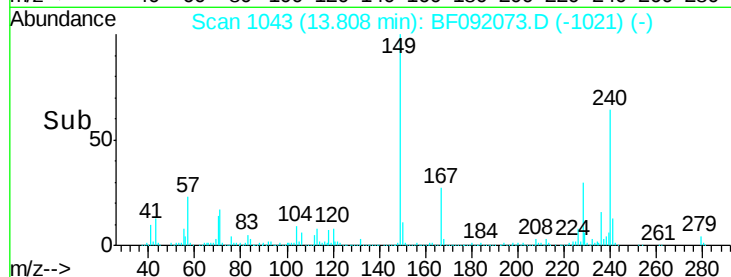
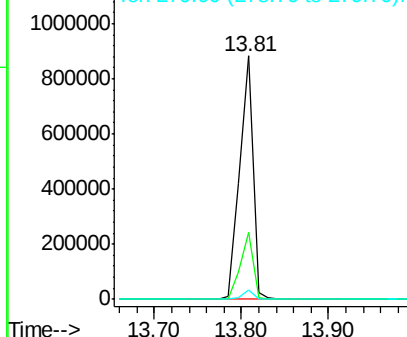
149 100

167 27.3 20.2 30.4

279 3.7 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: 41.77 ng

RT: 14.41 min Scan# 1096

Delta R.T. -0.05 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

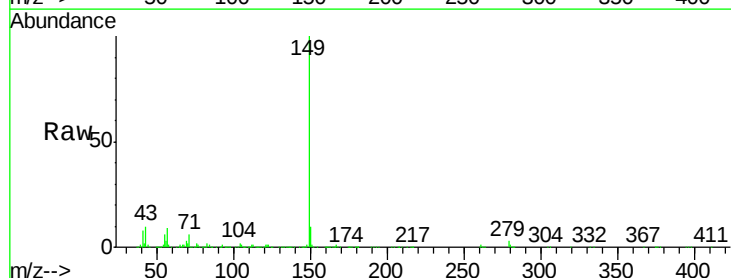
Tgt Ion:149 Resp: 1585744

Ion Ratio Lower Upper

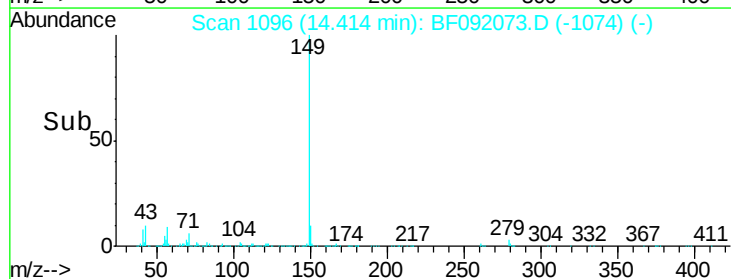
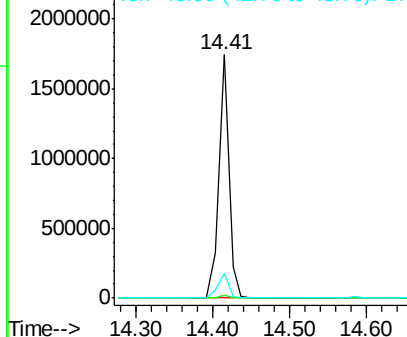
149 100

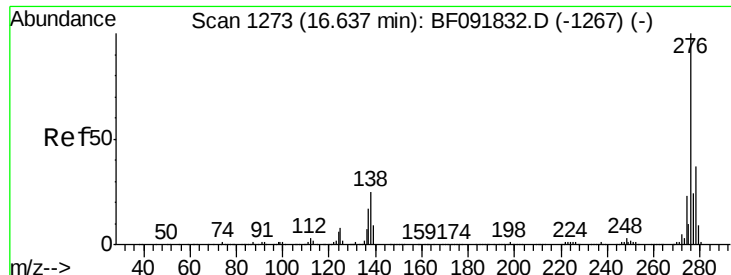
167 1.5 1.3 1.9

43 11.0 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

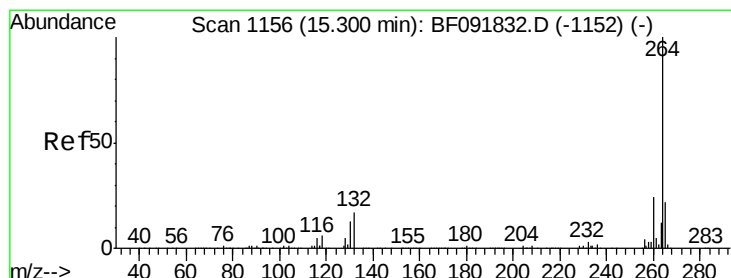
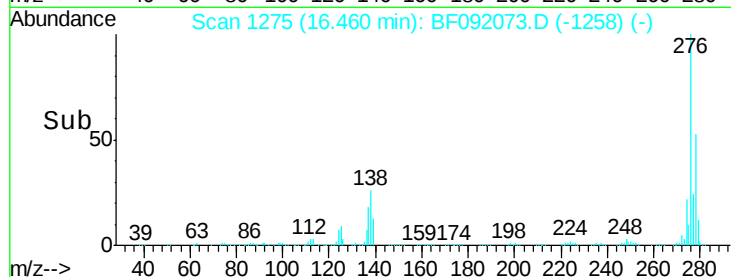
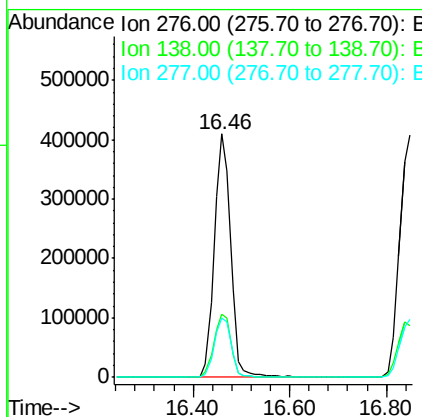
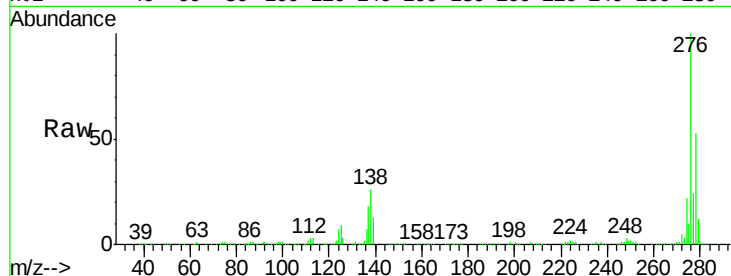




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.47 ng
 RT: 16.46 min Scan# 1275
 Delta R.T. -0.11 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

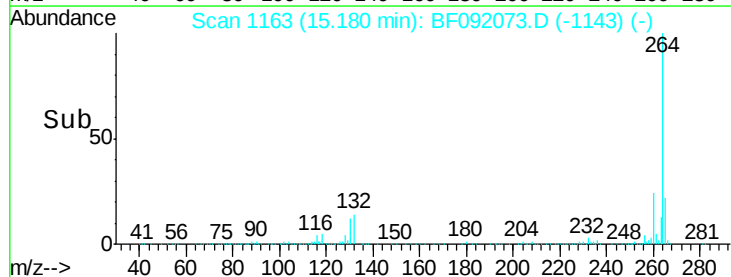
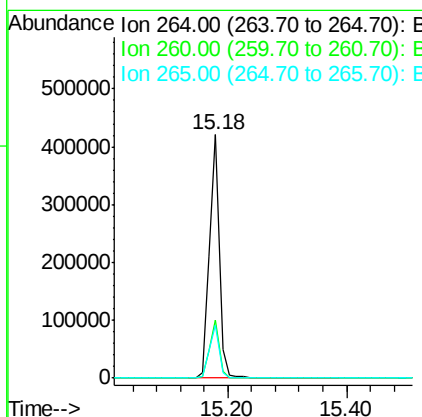
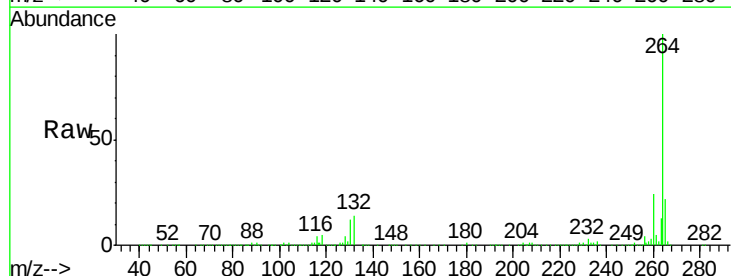
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

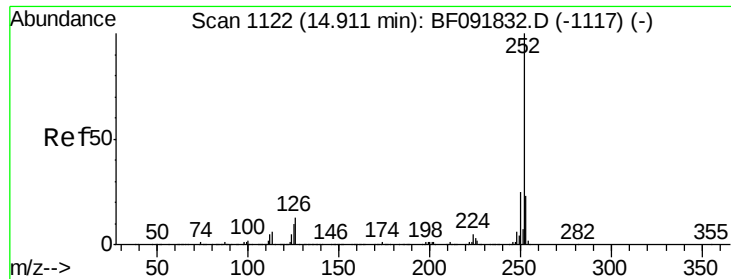
Tgt Ion: 276 Resp: 984226
 Ion Ratio Lower Upper
 276 100
 138 27.3 21.8 32.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1163
 Delta R.T. -0.07 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Tgt Ion: 264 Resp: 487139
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.9 17.4 26.0

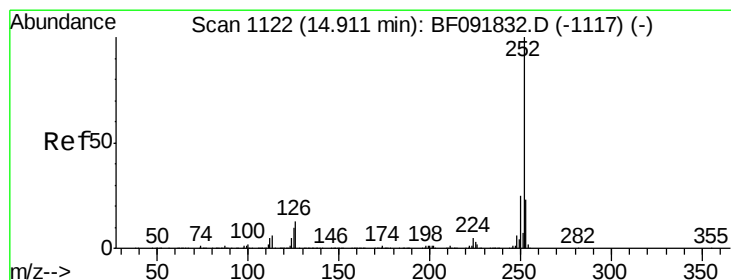
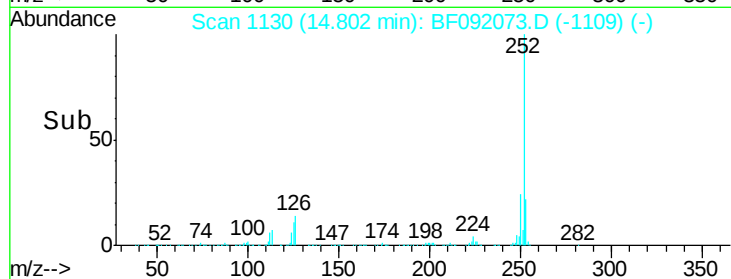
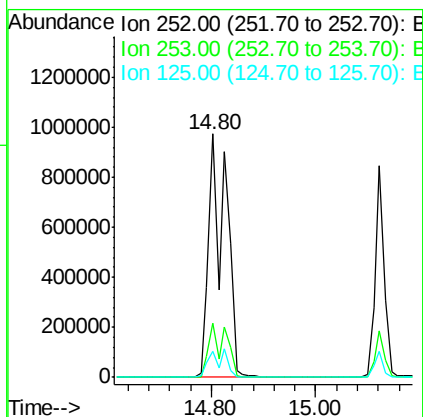
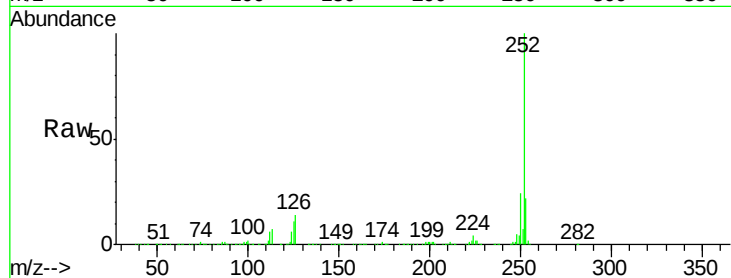




#87
Benzo(b)fluoranthene
Concen: 72.60 ng
RT: 14.80 min Scan# 1130
Delta R.T. -0.06 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

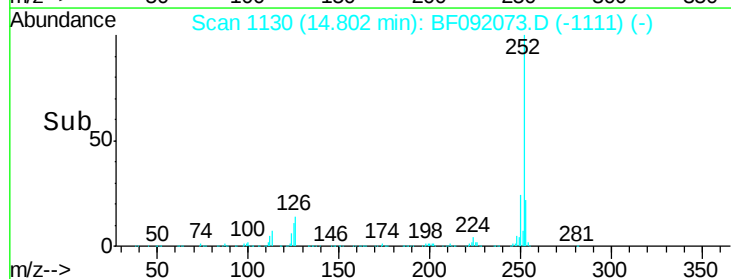
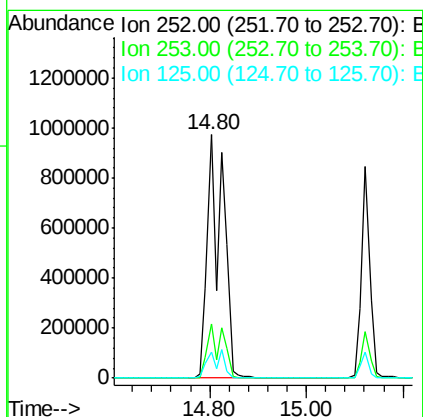
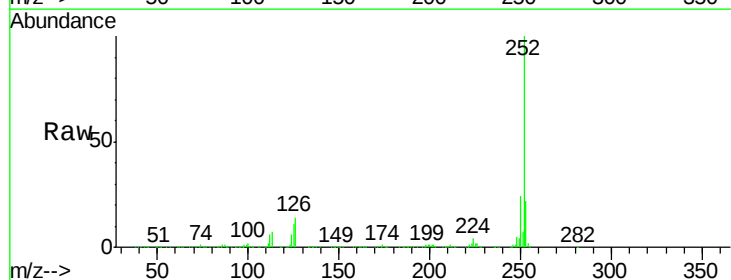
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2202013
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 10.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 85.19 ng
RT: 14.80 min Scan# 1130
Delta R.T. -0.09 min
Lab File: BF092073.D
Acq: 4 Jan 2017 17:27

Tgt Ion:252 Resp: 2203133
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 10.6 8.9 13.3





#89

Benzo(a)pyrene

Concen: 38.12 ng

RT: 15.12 min Scan# 1158

Delta R.T. -0.07 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

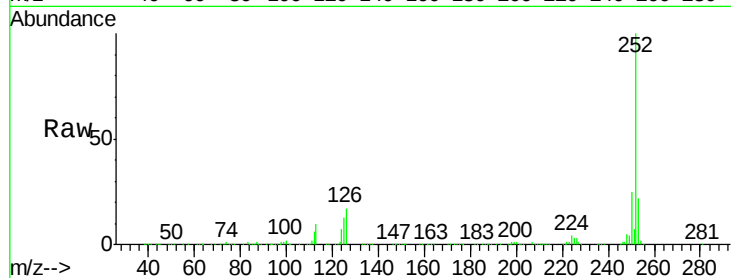
Tgt Ion:252 Resp: 1026114

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

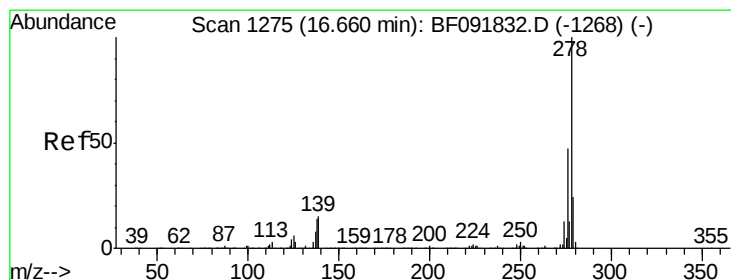
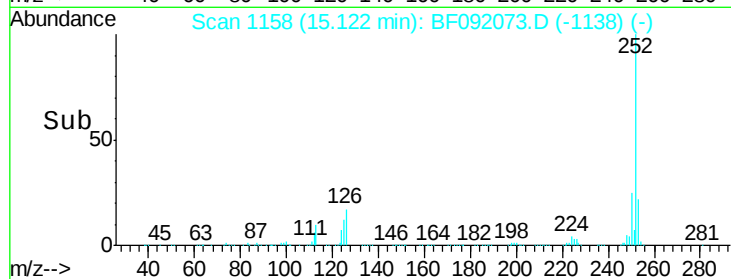
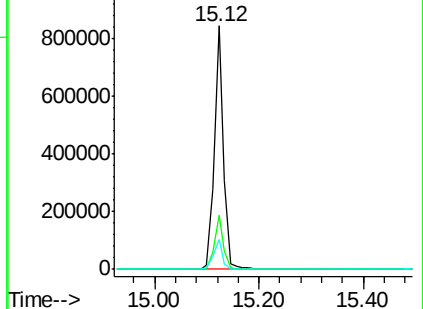
125 12.5 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.48 ng

RT: 16.47 min Scan# 1276

Delta R.T. -0.12 min

Lab File: BF092073.D

Acq: 4 Jan 2017 17:27

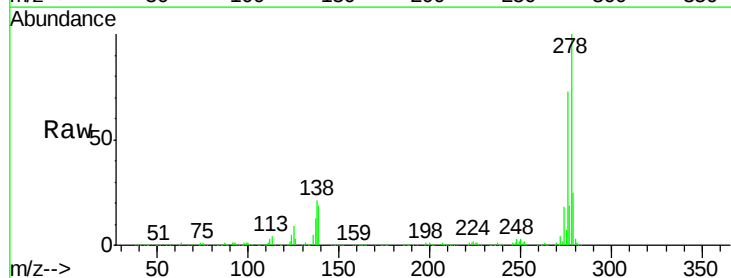
Tgt Ion:278 Resp: 829274

Ion Ratio Lower Upper

278 100

139 19.0 14.8 22.2

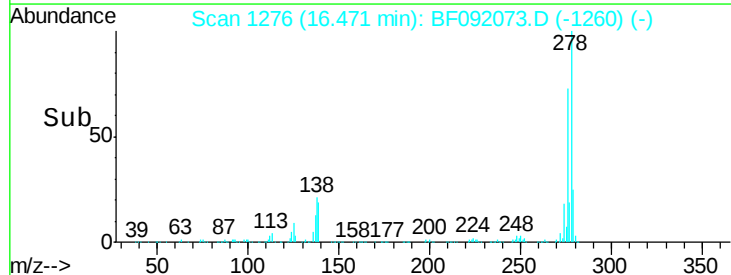
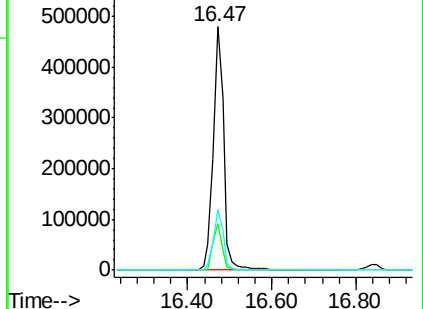
279 24.6 19.8 29.6

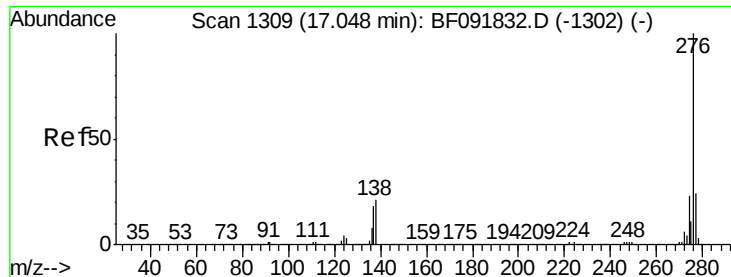


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

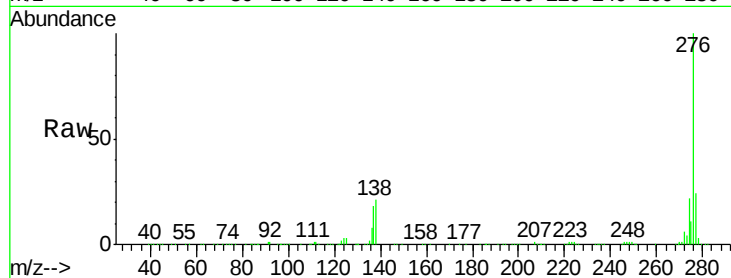




#91
 Benzo(g,h,i)perylene
 Concen: 37.29 ng
 RT: 16.85 min Scan# 1309
 Delta R.T. -0.12 min
 Lab File: BF092073.D
 Acq: 4 Jan 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.1	16.0	24.0



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

